Appendix 5A, Section D
Modeling Technical Appendix
Attachment 1 – HEC-5Q Model Results for Existing Condition and Alternatives for 2020

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5A-D.

Appendix 5A, Section D Modeling Technical Appendix Attachment 1 – HEC-5Q Modeling Results for Existing Condition

This attachment summarizes the HEC-5Q modeling results for Existing Condition conducted for the Delta Conveyance Project Final Environmental Impact Report (EIR).

D.1 American River Above Confluence

Table 5A-D1.1.1-A. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	68.2	59.8	55.3	51.1	52.4	58.9	67.0	72.2	74.3	74.6	73.0	72.0
20%	66.4	59.0	54.8	50.5	51.8	57.8	65.9	69.4	71.5	70.6	71.4	70.0
30%	65.4	58.4	54.2	49.9	51.1	56.6	63.8	67.9	68.4	69.6	69.2	68.8
40%	64.3	58.0	53.8	49.1	50.0	55.7	62.5	65.3	66.9	68.9	68.2	67.9
50%	63.2	57.7	53.2	48.4	49.3	55.1	61.3	62.9	65.9	68.5	67.6	67.1
60%	62.5	57.3	52.8	47.9	48.4	54.5	59.2	61.6	65.5	67.9	67.0	66.5
70%	61.7	57.0	52.1	47.7	48.2	53.2	58.2	60.7	65.2	67.4	66.2	66.0
80%	61.3	56.5	51.2	46.6	47.8	52.5	57.0	60.1	63.8	66.9	64.7	65.5
90%	60.3	56.3	50.2	45.7	47.4	50.8	54.7	58.8	62.4	66.3	63.8	65.0

Table 5A-D1.1.1-B. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	63.8	57.8	53.0	48.5	49.8	55.0	61.1	64.5	67.4	69.4	68.1	67.8
Wet Water Years	61.5	57.2	53.9	47.5	47.9	52.5	56.9	60.3	64.2	67.3	65.8	65.7
Above Normal Water Years	62.7	57.5	53.5	49.0	49.3	54.2	59.8	62.3	64.9	68.0	66.0	66.3
Below Normal Water Years	63.6	57.8	52.9	48.8	49.9	55.2	62.4	64.8	67.3	68.2	67.8	67.7
Dry Water Years	66.0	58.2	52.5	49.0	51.2	56.8	64.3	68.2	69.8	70.6	69.7	69.5
Critical Water Years	67.6	58.8	51.7	49.4	52.6	58.8	65.5	70.7	73.7	75.6	73.7	72.1

Table 5A-D1.1.1-C. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	68.2	59.9	55.3	51.0	52.4	58.8	67.0	72.5	74.4	74.7	72.9	72.2
20%	66.3	59.0	54.8	50.4	51.8	58.0	65.6	69.4	71.2	70.9	71.2	70.0
30%	65.4	58.3	54.2	49.9	51.3	56.6	63.8	67.8	68.4	69.6	69.4	68.7
40%	64.3	58.0	53.8	49.1	50.1	55.6	62.5	65.4	66.8	69.0	68.5	67.9
50%	63.0	57.6	53.3	48.5	49.3	55.0	61.3	62.9	65.8	68.4	67.9	67.1
60%	62.3	57.2	52.7	47.9	48.4	54.5	59.2	61.7	65.5	68.0	67.1	66.7
70%	61.6	57.0	52.1	47.7	48.2	53.2	58.2	60.6	65.0	67.4	66.4	66.0
80%	61.2	56.5	51.2	46.5	47.8	52.5	57.0	60.0	63.8	67.0	64.8	65.5
90%	60.3	56.3	50.4	45.8	47.4	50.8	54.7	58.8	62.4	66.3	64.0	65.1

Table 5A-D1.1.1-D. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	63.8	57.8	53.0	48.5	49.8	55.0	61.1	64.5	67.3	69.4	68.2	67.8
Wet Water Years	61.5	57.2	53.9	47.6	47.9	52.5	56.9	60.3	64.1	67.3	65.8	65.7
Above Normal Water Years	62.6	57.4	53.5	48.8	49.3	54.2	59.8	62.3	64.9	67.8	66.3	66.3
Below Normal Water Years	63.5	57.8	52.8	48.8	49.9	55.2	62.4	64.8	67.1	68.3	68.0	67.7
Dry Water Years	66.0	58.2	52.5	49.0	51.2	56.7	64.3	68.0	69.7	70.6	69.8	69.4
Critical Water Years	67.6	58.9	51.7	49.5	52.6	58.8	65.3	71.0	73.5	75.5	73.8	72.1

Table 5A-D1.1.1-E. American River Above Confluence, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.2	0.0	0.0	0.0	-0.1	0.0	0.3	0.1	0.1	-0.1	0.2
20%	-0.1	0.0	0.0	-0.1	0.0	0.2	-0.3	0.0	-0.4	0.2	-0.2	0.0
30%	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.0	-0.1	0.2	0.0
40%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.3	-0.1
50%	-0.2	-0.1	0.2	0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.3	0.0
60%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	0.0	0.2	0.0
80%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.0
90%	0.0	-0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1

Table 5A-D1.1.1-F. American River Above Confluence, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Above Normal Water Years	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.3	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.1	0.0
Dry Water Years	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.1	0.0
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.3	-0.2	-0.1	0.1	0.1

Table 5A-D1.1.1-G. American River Above Confluence, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.3%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.4%	0.1%	0.1%	-0.2%	0.3%
20%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.4%	-0.4%	0.1%	-0.5%	0.3%	-0.3%	0.0%
30%	0.0%	-0.1%	0.1%	0.0%	0.4%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.3%	0.0%
40%	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.2%	0.0%	0.5%	-0.1%
50%	-0.3%	-0.1%	0.3%	0.2%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.5%	0.1%
60%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.2%	0.1%	0.3%
70%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.4%	0.0%	0.4%	0.0%
80%	-0.2%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.1%	0.3%	-0.1%
90%	0.0%	-0.1%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.2%

Table 5A-D1.1.1-H. American River Above Confluence, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.2%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%
Above Normal Water Years	-0.2%	-0.2%	0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.4%	0.0%
Below Normal Water Years	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.2%	0.2%	0.0%
Dry Water Years	0.0%	0.1%	-0.1%	0.1%	0.0%	-0.2%	0.0%	-0.3%	-0.1%	0.0%	0.1%	0.0%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.2%	0.4%	-0.3%	-0.1%	0.1%	0.1%

Table 5A-D1.1.2-A. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	67.8	60.0	55.3	51.0	52.4	58.8	67.0	72.3	74.2	74.7	72.8	72.3
20%	66.3	59.0	54.9	50.5	51.8	58.0	65.8	69.4	71.2	70.7	71.2	70.0
30%	65.4	58.3	54.3	49.9	51.3	56.6	63.7	67.9	68.5	69.5	69.4	68.8
40%	64.3	57.9	53.8	49.1	50.0	55.6	62.5	65.3	66.8	69.0	68.4	68.0
50%	62.9	57.6	53.3	48.5	49.3	55.0	61.3	62.9	65.9	68.3	67.9	67.1
60%	62.3	57.2	52.8	47.9	48.4	54.5	59.2	61.6	65.3	68.0	67.1	66.6
70%	61.6	56.9	52.2	47.7	48.1	53.2	58.2	60.6	65.0	67.4	66.4	65.9
80%	61.2	56.5	51.2	46.6	47.9	52.5	57.0	60.0	63.8	66.9	64.8	65.5
90%	60.2	56.3	50.4	45.8	47.4	50.8	54.7	58.8	62.4	66.3	63.9	65.3

Table 5A-D1.1.2-B. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	63.7	57.8	53.1	48.6	49.8	55.0	61.1	64.5	67.2	69.4	68.2	67.8
Wet Water Years	61.5	57.2	53.9	47.6	47.9	52.5	56.9	60.3	64.1	67.3	65.8	65.7
Above Normal Water Years	62.5	57.4	53.5	49.0	49.3	54.2	59.8	62.3	64.9	67.9	66.3	66.4
Below Normal Water Years	63.5	57.8	52.9	48.8	49.9	55.2	62.4	64.8	67.1	68.3	68.0	67.8
Dry Water Years	66.0	58.2	52.5	49.0	51.2	56.8	64.3	68.0	69.7	70.6	69.8	69.4
Critical Water Years	67.6	58.9	51.7	49.5	52.6	58.8	65.4	71.0	73.5	75.4	73.7	72.2

Table 5A-D1.1.2-C. American River Above Confluence, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.4	0.2	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	-0.2	0.3
20%	-0.1	0.0	0.1	0.1	0.0	0.2	-0.1	0.1	-0.4	0.1	-0.2	0.0
30%	0.0	0.0	0.1	0.0	0.2	0.0	-0.1	0.0	0.0	-0.1	0.2	0.0
40%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.3	0.0
50%	-0.3	-0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.3	0.1
60%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.1	0.2	0.1
70%	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	0.0	0.2	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
90%	-0.1	-0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3

Table 5A-D1.1.2-D. American River Above Confluence, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.4	0.1
Below Normal Water Years	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.1	0.0
Dry Water Years	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-0.2	-0.1	0.1	0.1	-0.1
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.3	-0.2	-0.2	0.0	0.1

Table 5A-D1.1.2-E. American River Above Confluence, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	0.3%	-0.1%	-0.1%	0.1%	-0.2%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.4%
20%	-0.1%	0.0%	0.2%	0.1%	0.0%	0.4%	-0.2%	0.1%	-0.5%	0.2%	-0.3%	0.1%
30%	0.0%	0.0%	0.2%	0.1%	0.3%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.2%	0.0%
40%	0.0%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.3%	0.1%	0.4%	0.0%
50%	-0.4%	-0.1%	0.3%	0.2%	0.0%	-0.1%	0.0%	-0.1%	0.0%	-0.2%	0.5%	0.1%
60%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.3%	0.2%	0.2%	0.1%
70%	-0.3%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.4%	0.0%	0.3%	0.0%
80%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.2%	0.0%
90%	-0.2%	-0.1%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%

Table 5A-D1.1.2-F. American River Above Confluence, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.5%	0.1%
Below Normal Water Years	-0.2%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.3%	0.1%	0.2%	0.0%
Dry Water Years	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.3%	-0.1%	0.1%	0.1%	-0.1%
Critical Water Years	-0.1%	0.1%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.4%	-0.3%	-0.2%	0.0%	0.2%

Table 5A-D1.1.3-A. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	67.9	59.9	55.2	51.0	52.4	58.8	67.0	72.3	74.3	74.6	72.9	72.3
20%	66.3	59.0	54.9	50.5	51.8	58.0	65.7	69.3	71.3	70.8	71.2	70.1
30%	65.4	58.3	54.3	49.8	51.3	56.6	63.7	67.7	68.5	69.5	69.3	68.8
40%	64.2	57.9	53.8	49.0	50.0	55.7	62.5	65.1	66.7	69.1	68.5	68.0
50%	62.9	57.6	53.3	48.5	49.3	55.0	61.3	62.9	65.8	68.4	67.8	67.1
60%	62.3	57.3	52.8	47.9	48.4	54.5	59.2	61.6	65.3	68.0	67.2	66.6
70%	61.6	56.9	52.2	47.7	48.1	53.2	58.2	60.6	64.9	67.4	66.4	66.0
80%	61.2	56.5	51.2	46.6	47.8	52.5	57.0	60.0	63.8	66.9	64.8	65.5
90%	60.2	56.3	50.4	45.7	47.4	50.8	54.7	58.8	62.4	66.2	64.0	65.3

Table 5A-D1.1.3-B. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	63.7	57.8	53.0	48.5	49.8	55.0	61.0	64.5	67.2	69.4	68.2	67.9
Wet Water Years	61.5	57.2	53.9	47.6	47.9	52.5	56.9	60.3	64.0	67.3	65.8	65.7
Above Normal Water Years	62.5	57.4	53.5	48.8	49.3	54.2	59.8	62.3	64.9	67.8	66.3	66.4
Below Normal Water Years	63.5	57.8	52.9	48.7	49.9	55.2	62.4	64.8	67.1	68.3	68.0	67.8
Dry Water Years	66.0	58.2	52.5	49.0	51.2	56.8	64.3	68.0	69.7	70.6	69.7	69.4
Critical Water Years	67.6	58.9	51.7	49.5	52.6	58.8	65.2	71.1	73.5	75.5	73.7	72.2

Table 5A-D1.1.3-C. American River Above Confluence, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3	0.2	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	0.3
20%	-0.1	0.0	0.1	0.1	0.0	0.2	-0.2	-0.1	-0.3	0.1	-0.2	0.1
30%	0.0	0.0	0.1	-0.1	0.2	0.0	-0.1	-0.2	0.0	-0.1	0.1	0.0
40%	0.0	-0.1	0.0	-0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.3	0.0
50%	-0.3	-0.1	0.1	0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.2	0.1
60%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.2	0.1
70%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	0.0	0.2	0.0
80%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0
90%	-0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.3

Table 5A-D1.1.3-D. American River Above Confluence, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-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	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.3	0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.2	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.1	0.0	0.0
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.3	-0.2	-0.1	0.0	0.1

Table 5A-D1.1.3-E. American River Above Confluence, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	0.3%	-0.2%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.3%
20%	-0.1%	0.0%	0.1%	0.1%	0.0%	0.3%	-0.3%	-0.1%	-0.4%	0.2%	-0.3%	0.2%
30%	0.0%	-0.1%	0.2%	-0.1%	0.4%	0.0%	-0.2%	-0.3%	0.0%	-0.1%	0.1%	0.0%
40%	0.0%	-0.2%	-0.1%	-0.3%	0.0%	0.0%	0.1%	-0.3%	-0.3%	0.2%	0.5%	0.0%
50%	-0.5%	-0.1%	0.2%	0.2%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.2%	0.3%	0.1%
60%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.3%	0.1%	0.3%	0.1%
70%	-0.2%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.4%	0.0%	0.3%	0.0%
80%	-0.2%	-0.1%	-0.1%	0.0%	-0.2%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.3%	0.0%
90%	-0.2%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.3%	0.4%

Table 5A-D1.1.3-F. American River Above Confluence, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.5%	0.1%
Below Normal Water Years	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.4%	0.1%	0.2%	0.0%
Dry Water Years	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.1%	0.1%	-0.1%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%	-0.3%	0.4%	-0.3%	-0.1%	0.0%	0.2%

Table 5A-D1.1.4-A. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	68.2	60.0	55.2	51.0	52.4	58.8	67.0	72.5	74.3	74.7	72.9	72.2
20%	66.4	59.0	54.8	50.5	51.7	58.0	65.7	69.3	71.1	70.9	71.2	70.0
30%	65.4	58.3	54.3	49.8	51.3	56.7	63.7	67.9	68.5	69.5	69.3	68.8
40%	64.3	57.9	53.8	49.0	50.0	55.6	62.6	65.2	66.8	69.1	68.5	68.0
50%	62.9	57.6	53.3	48.5	49.3	55.0	61.3	62.9	65.9	68.5	67.7	67.1
60%	62.3	57.3	52.7	47.9	48.4	54.5	59.2	61.7	65.6	68.1	67.0	66.7
70%	61.6	57.0	52.2	47.7	48.1	53.2	58.2	60.6	65.2	67.4	66.2	66.0
80%	61.2	56.5	51.2	46.6	47.9	52.5	57.0	60.0	63.8	66.9	64.7	65.5
90%	60.2	56.3	50.4	45.7	47.4	50.8	54.7	58.8	62.4	66.3	64.0	65.1

Table 5A-D1.1.4-B. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	63.8	57.8	53.0	48.5	49.8	55.0	61.1	64.5	67.3	69.4	68.2	67.9
Wet Water Years	61.5	57.2	53.9	47.5	47.9	52.5	56.9	60.3	64.2	67.3	65.8	65.7
Above Normal Water Years	62.6	57.4	53.5	48.8	49.3	54.2	59.8	62.3	64.9	67.9	66.2	66.3
Below Normal Water Years	63.5	57.8	52.8	48.8	49.9	55.2	62.4	64.8	67.2	68.4	67.9	67.8
Dry Water Years	66.0	58.2	52.5	49.0	51.2	56.8	64.3	68.0	69.7	70.6	69.9	69.4
Critical Water Years	67.6	58.9	51.7	49.5	52.6	58.7	65.3	71.0	73.5	75.5	73.7	72.2

Table 5A-D1.1.4-C. American River Above Confluence, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.2	-0.1	0.0	0.0	-0.1	0.0	0.2	0.0	0.1	-0.2	0.2
20%	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	-0.1	-0.4	0.3	-0.2	0.0
30%	0.0	0.0	0.1	0.0	0.2	0.0	-0.2	0.0	0.1	-0.2	0.1	0.0
40%	0.0	-0.1	0.0	-0.1	0.0	0.0	0.1	-0.1	-0.2	0.1	0.3	0.1
50%	-0.3	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
60%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	-0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2

Table 5A-D1.1.4-D. American River Above Confluence, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.1	0.2	0.0
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.3	-0.2	-0.1	0.0	0.1

Table 5A-D1.1.4-E. American River Above Confluence, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.3%	-0.2%	-0.1%	0.0%	-0.2%	0.0%	0.3%	0.0%	0.1%	-0.2%	0.3%
20%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.3%	-0.2%	-0.1%	-0.6%	0.4%	-0.3%	0.0%
30%	0.0%	0.0%	0.2%	-0.1%	0.3%	0.0%	-0.3%	0.0%	0.1%	-0.2%	0.1%	0.0%
40%	0.0%	-0.2%	0.0%	-0.1%	0.0%	-0.1%	0.1%	-0.2%	-0.2%	0.2%	0.5%	0.1%
50%	-0.4%	0.0%	0.3%	0.1%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.3%	0.1%
60%	-0.3%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.2%
70%	-0.1%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%
80%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%
90%	-0.2%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%

Table 5A-D1.1.4-F. American River Above Confluence, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.2%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.3%	0.0%
Below Normal Water Years	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.2%	0.2%	0.0%
Dry Water Years	0.0%	0.1%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.3%	-0.1%	0.1%	0.4%	0.0%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	-0.3%	0.4%	-0.3%	-0.2%	0.1%	0.2%

Table 5A-D1.1.5-A. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	67.9	60.0	55.2	51.0	52.4	58.7	67.0	72.3	74.3	74.7	72.9	72.3
20%	66.3	59.0	54.9	50.5	51.8	58.0	65.7	69.3	71.3	70.7	71.2	70.0
30%	65.4	58.3	54.2	49.8	51.3	56.6	63.7	67.7	68.5	69.5	69.3	68.8
40%	64.2	57.9	53.7	48.9	50.0	55.7	62.5	65.1	66.8	69.1	68.5	68.0
50%	62.9	57.6	53.3	48.5	49.3	55.0	61.3	62.9	65.9	68.4	67.7	67.1
60%	62.3	57.3	52.7	47.9	48.4	54.5	59.2	61.6	65.5	68.0	67.1	66.6
70%	61.7	56.9	52.2	47.7	48.1	53.2	58.2	60.6	65.0	67.4	66.4	65.9
80%	61.2	56.5	51.2	46.6	47.8	52.5	57.0	60.0	63.8	66.9	64.8	65.5
90%	60.2	56.3	50.4	45.7	47.4	50.8	54.7	58.8	62.4	66.2	64.0	65.1

Table 5A-D1.1.5-B. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	63.8	57.8	53.0	48.5	49.8	55.0	61.0	64.5	67.3	69.4	68.2	67.8
Wet Water Years	61.5	57.2	53.9	47.6	47.9	52.5	56.9	60.3	64.1	67.3	65.8	65.7
Above Normal Water Years	62.5	57.4	53.5	48.8	49.3	54.2	59.8	62.3	64.9	67.8	66.3	66.3
Below Normal Water Years	63.6	57.8	52.8	48.7	49.9	55.2	62.3	64.8	67.1	68.3	68.0	67.7
Dry Water Years	66.0	58.2	52.5	49.0	51.2	56.8	64.3	68.0	69.7	70.6	69.7	69.4
Critical Water Years	67.6	58.8	51.7	49.5	52.6	58.7	65.2	71.0	73.6	75.5	73.7	72.2

Table 5A-D1.1.5-C. American River Above Confluence, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3	0.2	-0.1	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	-0.2	0.3
20%	-0.1	0.0	0.1	0.0	0.0	0.2	-0.2	-0.1	-0.2	0.1	-0.2	0.0
30%	0.0	0.0	0.0	-0.1	0.2	0.0	-0.1	-0.2	0.1	-0.1	0.1	0.0
40%	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.1	-0.2	-0.2	0.1	0.3	0.0
50%	-0.3	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0
60%	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	0.2	0.0
80%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0
90%	-0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.2

Table 5A-D1.1.5-D. American River Above Confluence, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.2	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.2	0.3	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.1	0.0	0.0
Critical Water Years	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	0.3	-0.1	-0.1	0.0	0.1

Table 5A-D1.1.5-E. American River Above Confluence, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	0.3%	-0.2%	-0.1%	0.1%	-0.3%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.4%
20%	-0.1%	0.0%	0.1%	0.1%	0.0%	0.4%	-0.3%	-0.1%	-0.3%	0.2%	-0.3%	0.0%
30%	0.0%	0.0%	0.1%	-0.1%	0.3%	0.0%	-0.2%	-0.3%	0.1%	-0.1%	0.1%	0.0%
40%	-0.1%	-0.2%	-0.1%	-0.3%	0.0%	0.0%	0.1%	-0.3%	-0.2%	0.2%	0.5%	0.0%
50%	-0.4%	-0.1%	0.3%	0.2%	0.0%	-0.1%	0.0%	-0.1%	0.0%	-0.2%	0.2%	0.1%
60%	-0.3%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%	0.2%	0.1%
70%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.3%	0.0%	0.3%	0.0%
80%	-0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.1%
90%	-0.2%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.4%	0.2%

Table 5A-D1.1.5-F. American River Above Confluence, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.5%	0.0%
Below Normal Water Years	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.2%	0.1%	0.2%	0.0%
Dry Water Years	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.1%	0.1%	-0.1%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	-0.4%	0.4%	-0.1%	-0.2%	0.0%	0.1%

Figure 5A-D1.1.1. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

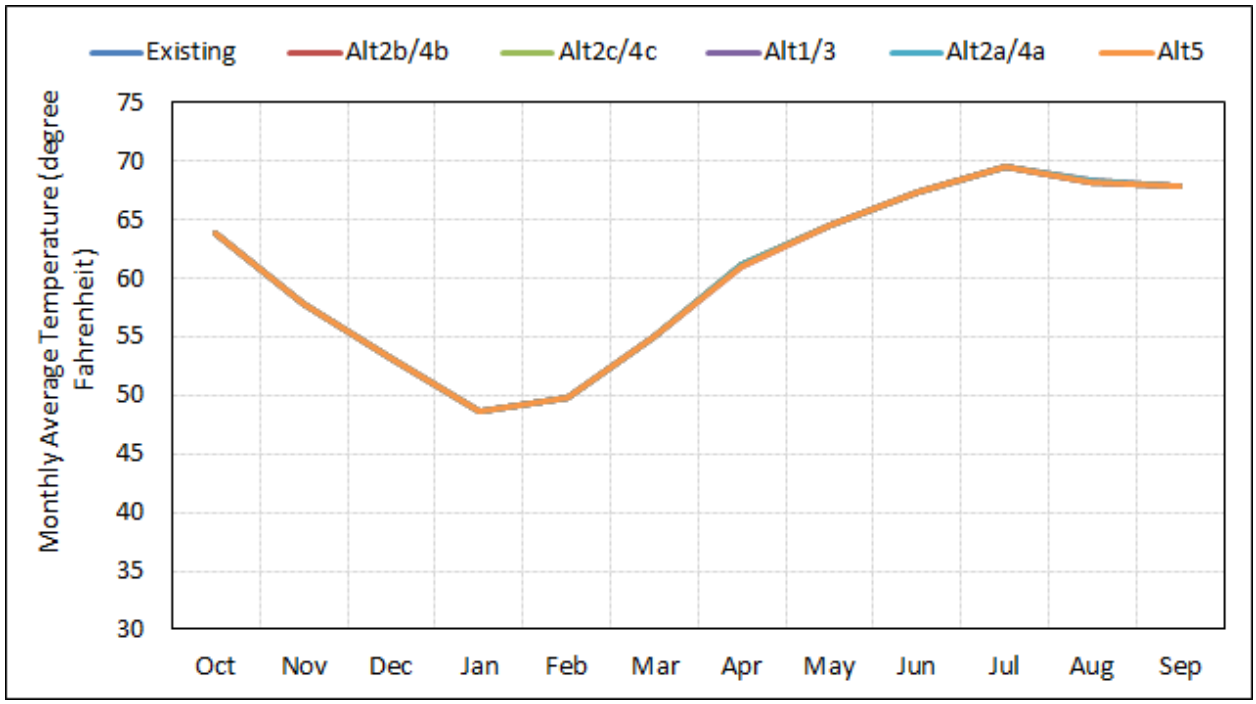


Figure 5A-D1.1.2. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

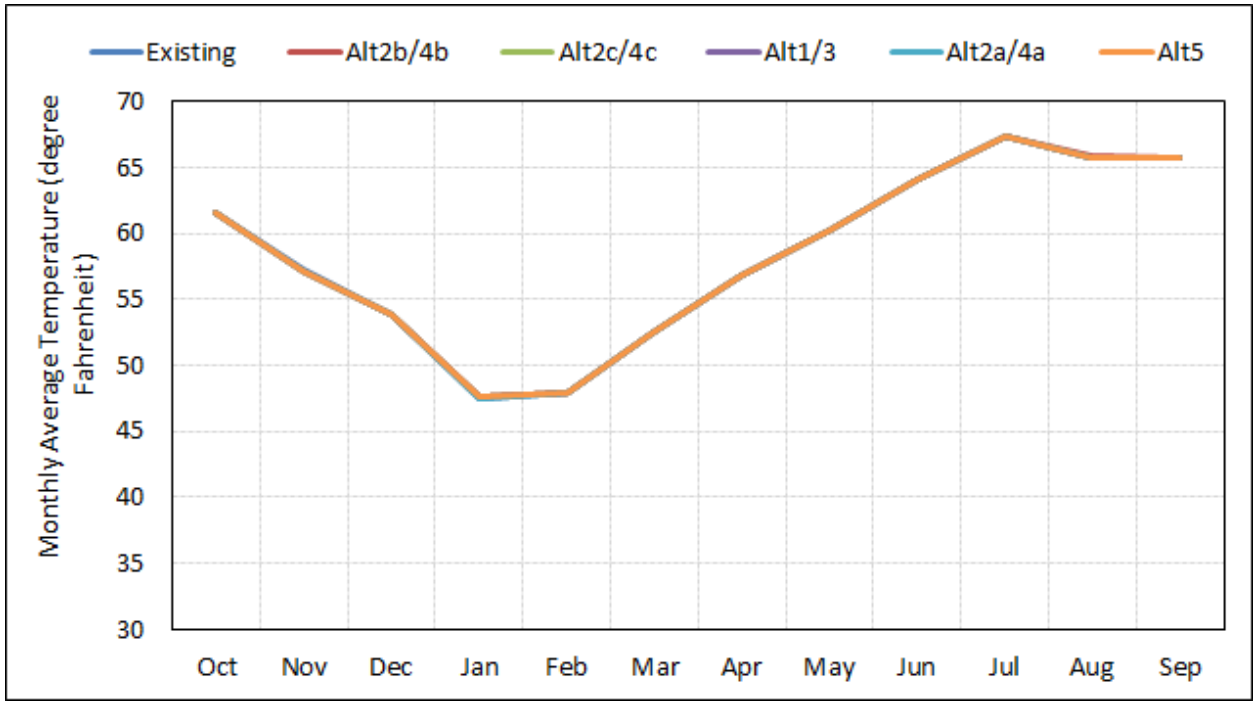


Figure 5A-D1.1.3. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

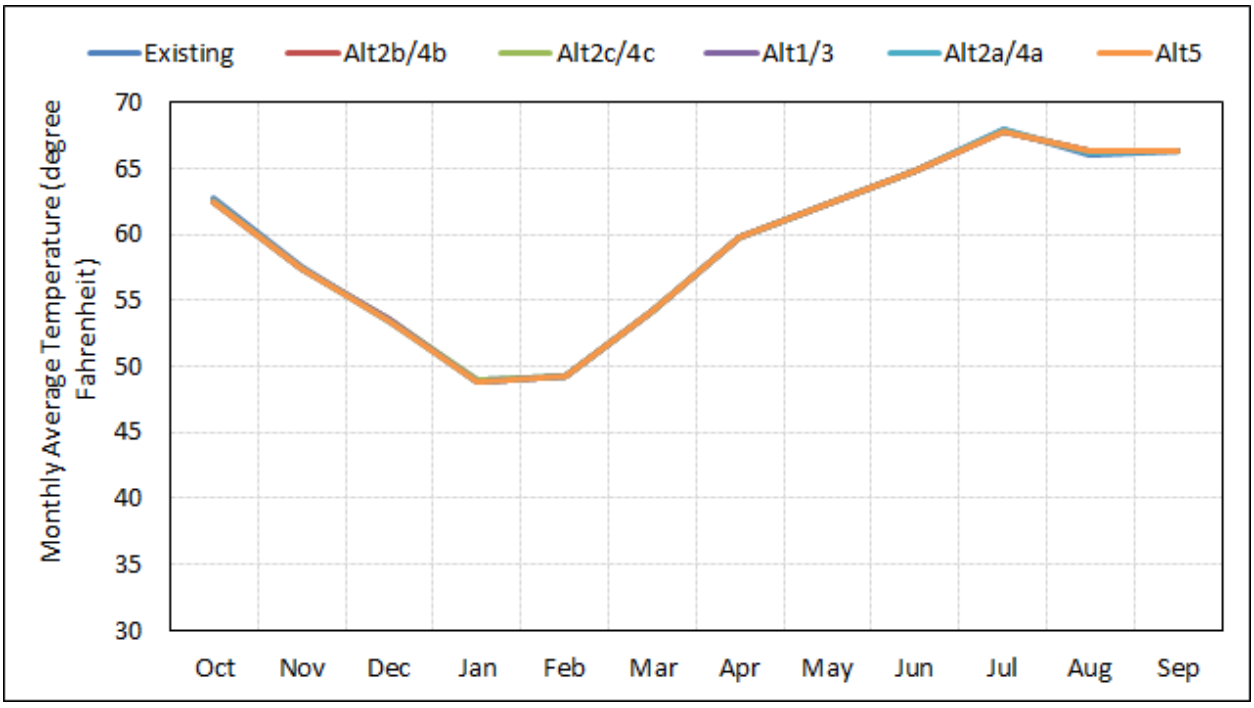


Figure 5A-D1.1.4. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

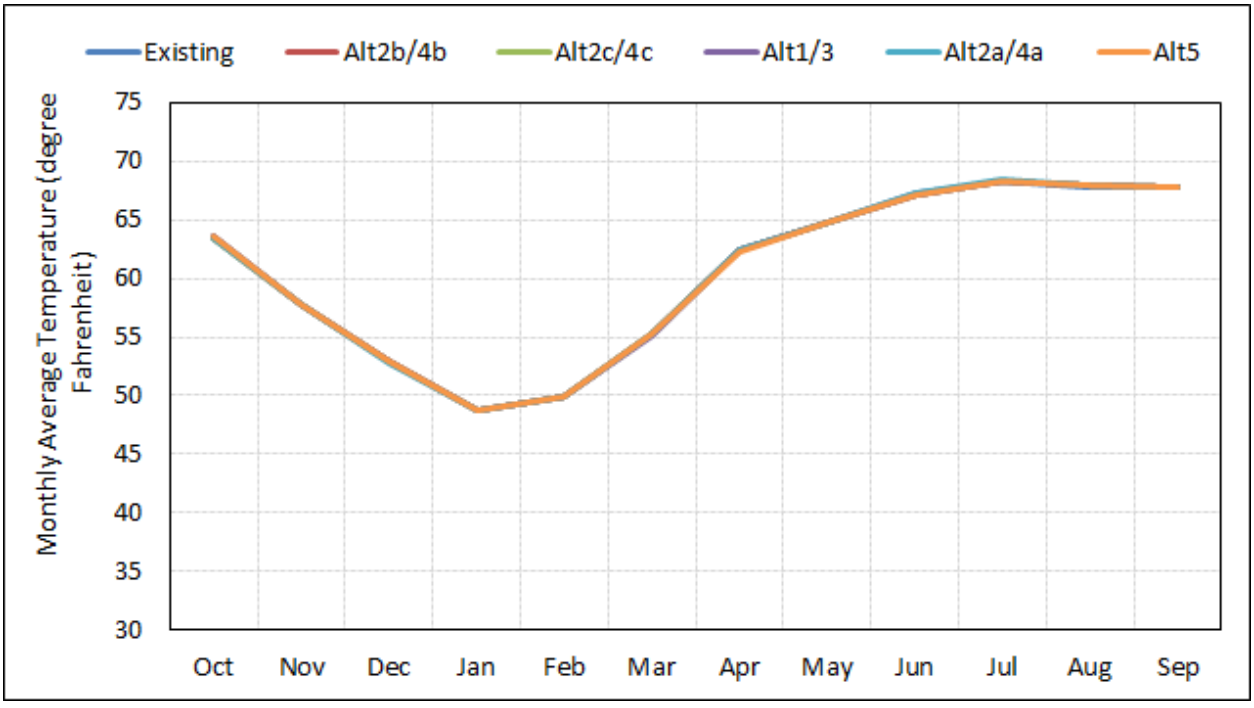


Figure 5A-D1.1.5. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

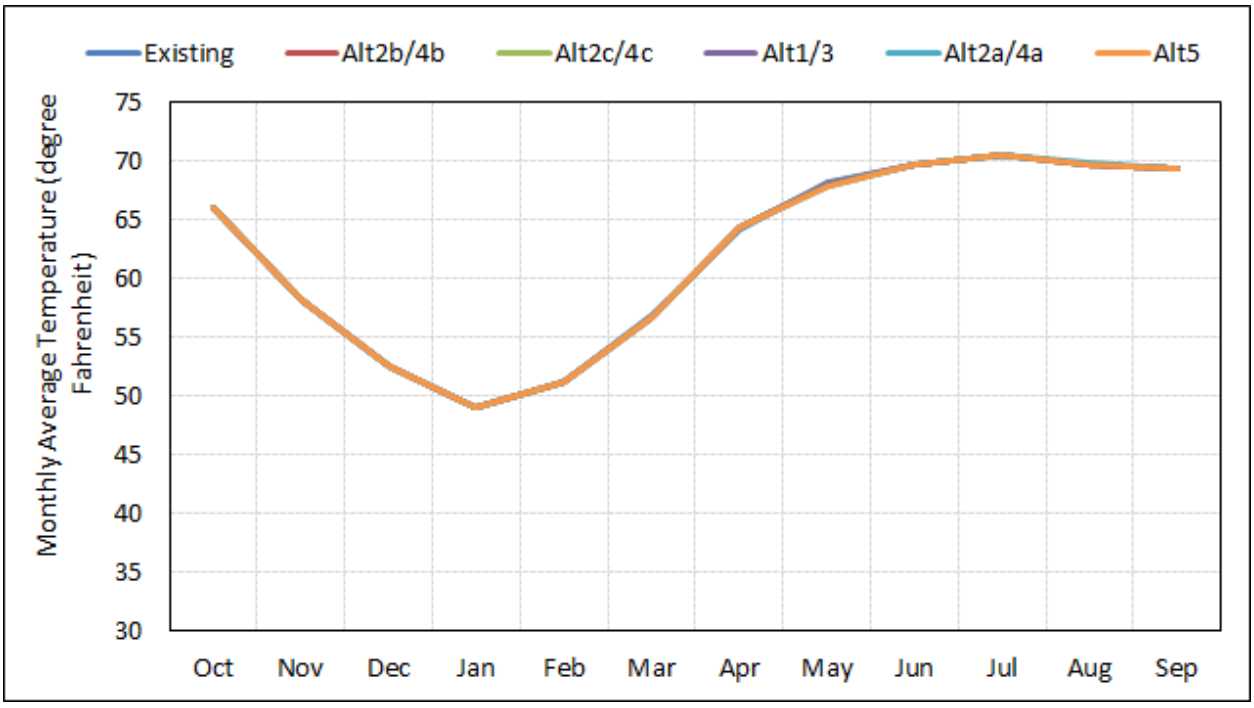


Figure 5A-D1.1.6. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

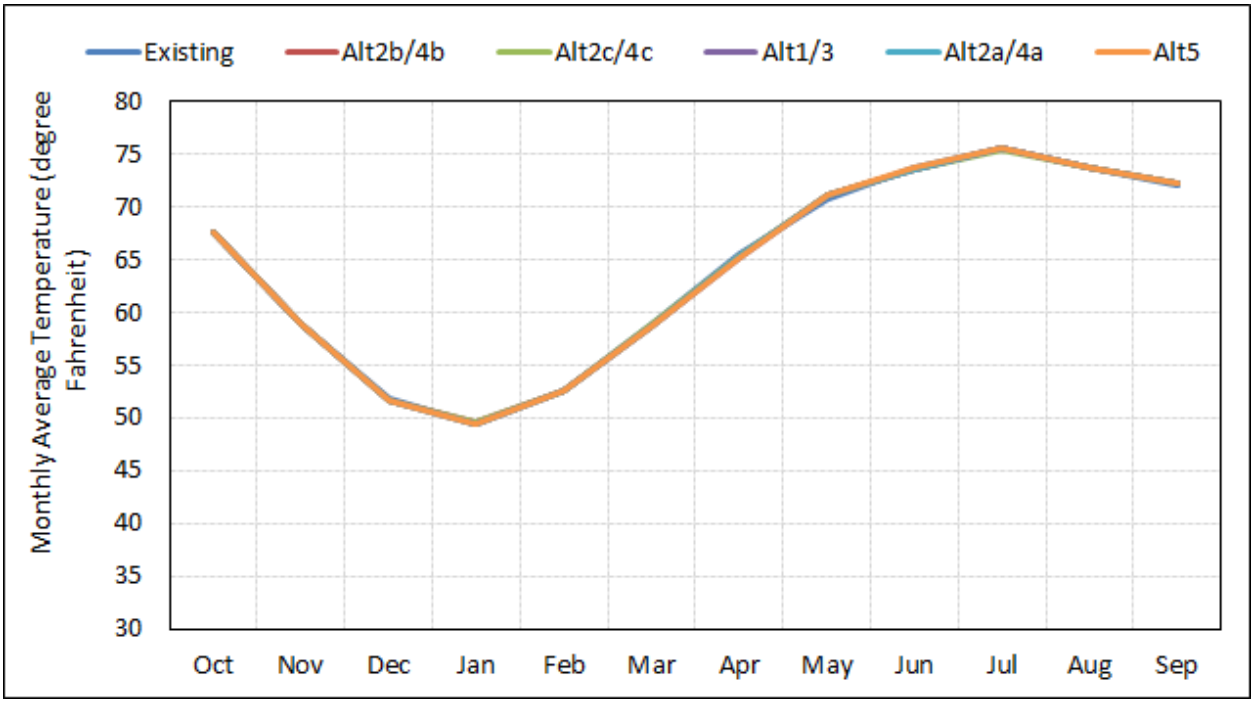


Figure 5A-D1.1.7. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

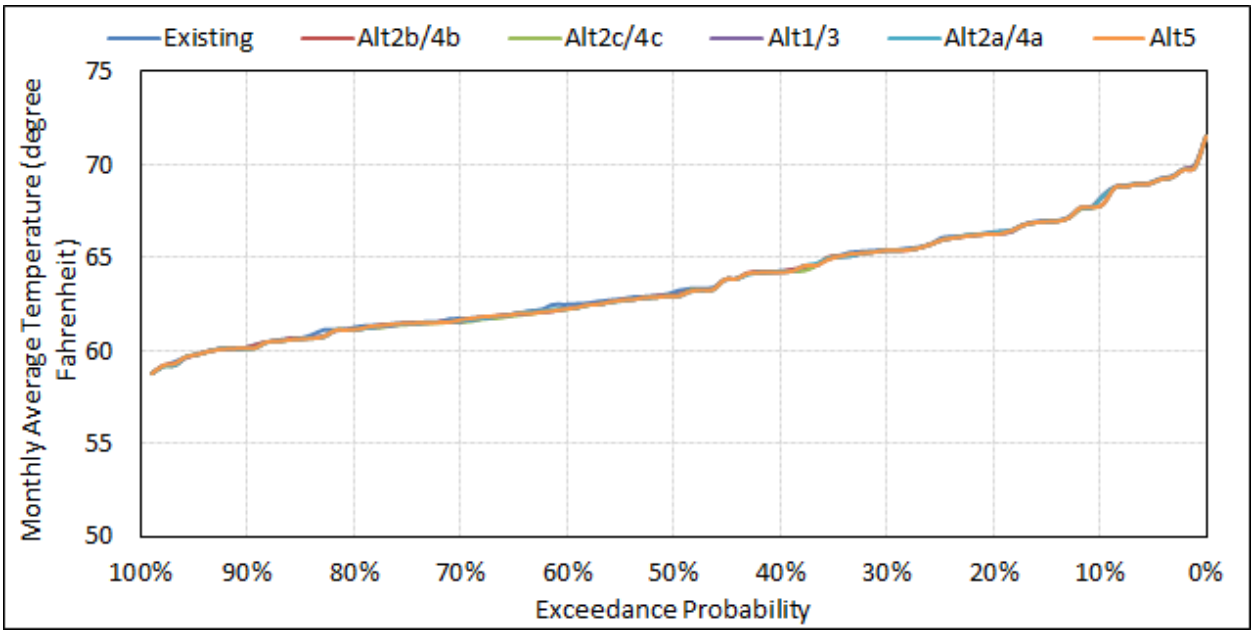


Figure 5A-D1.1.8. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

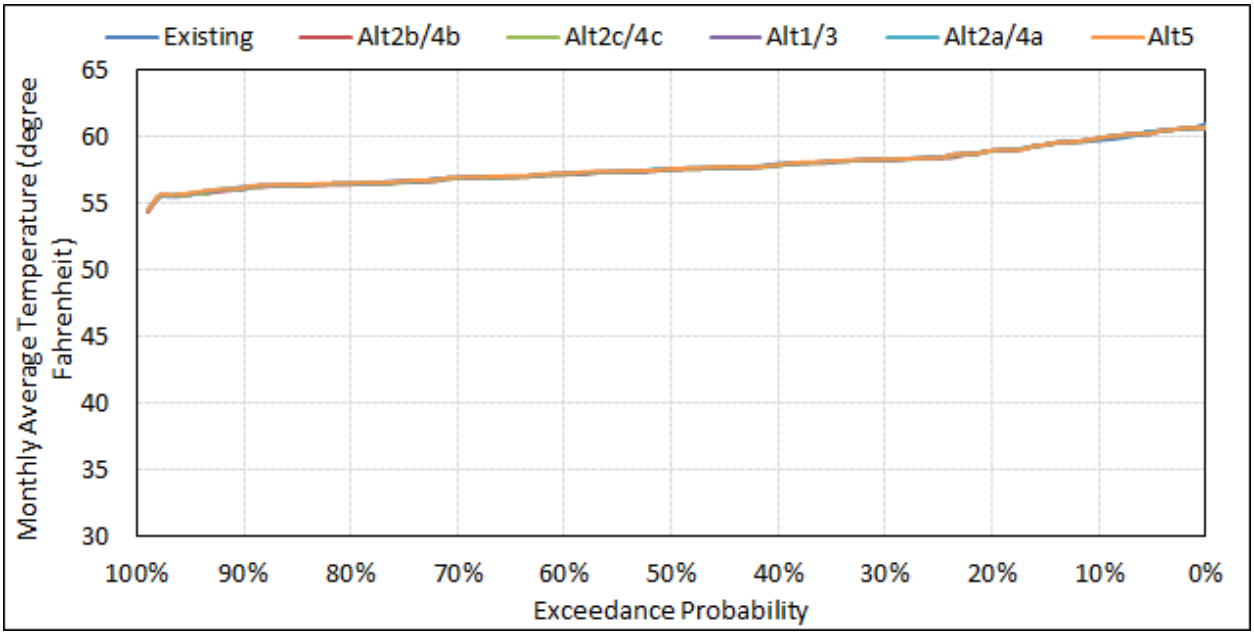


Figure 5A-D1.1.9. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

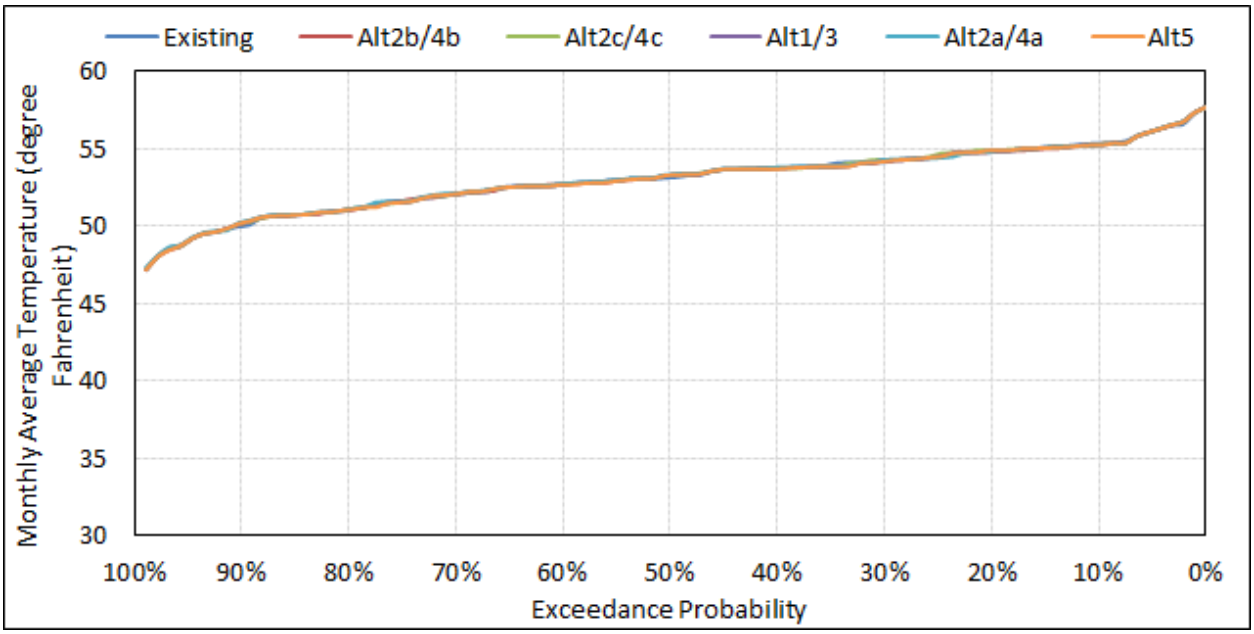


Figure 5A-D1.1.10. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

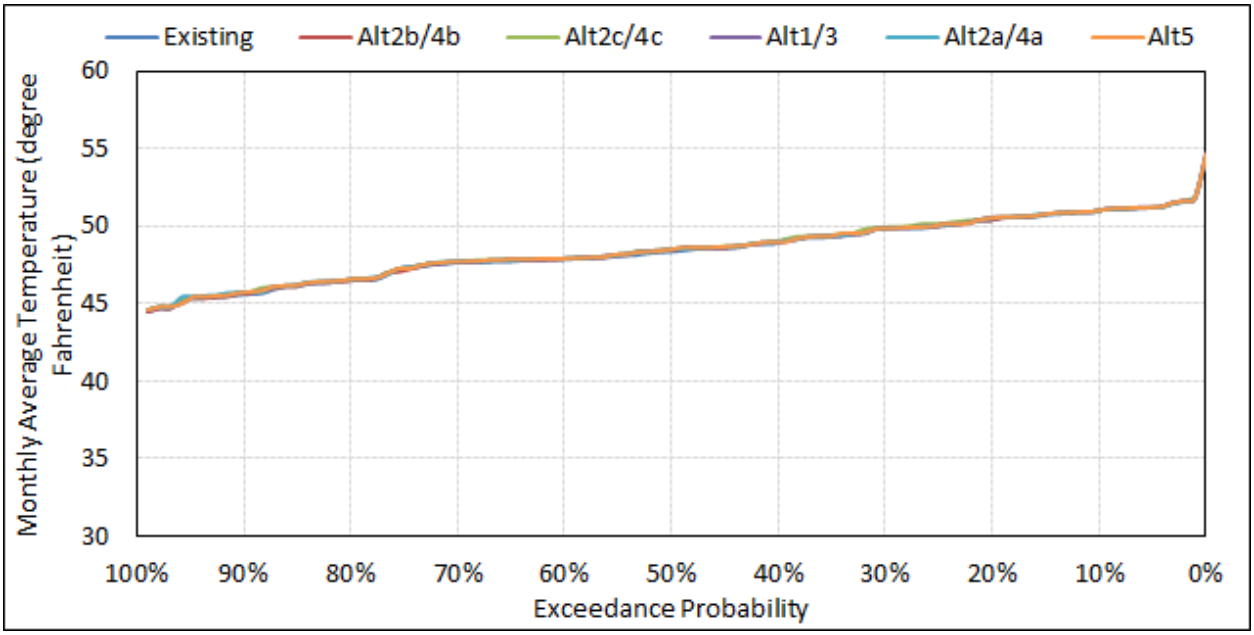


Figure 5A-D1.1.11. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

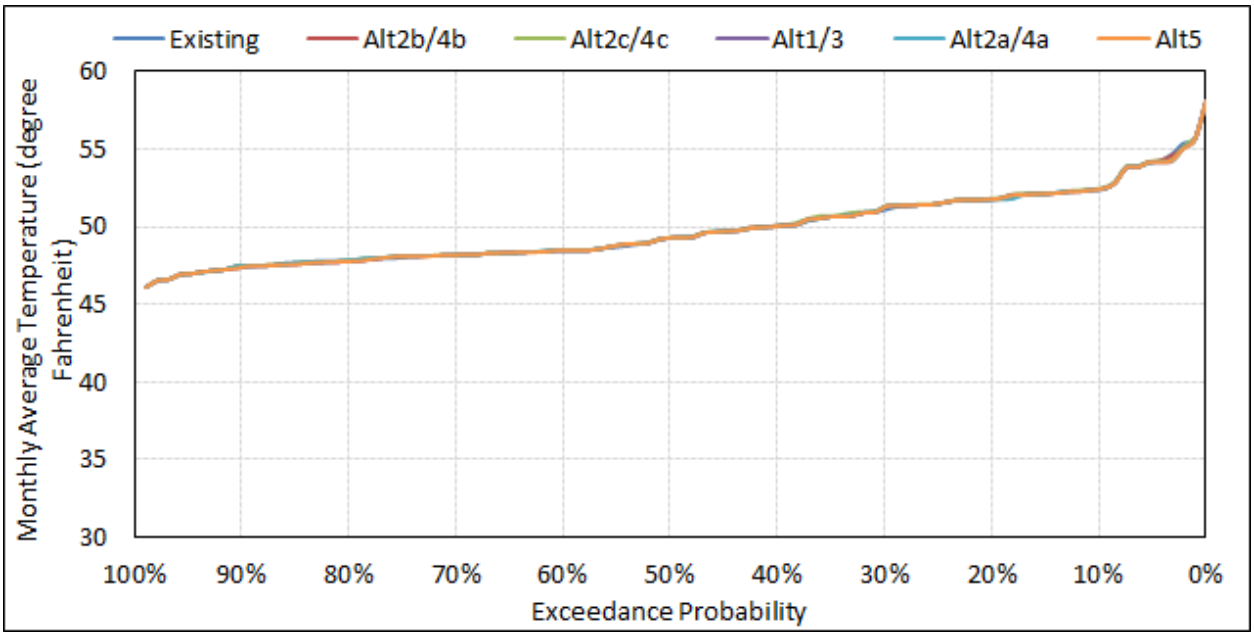


Figure 5A-D1.1.12. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

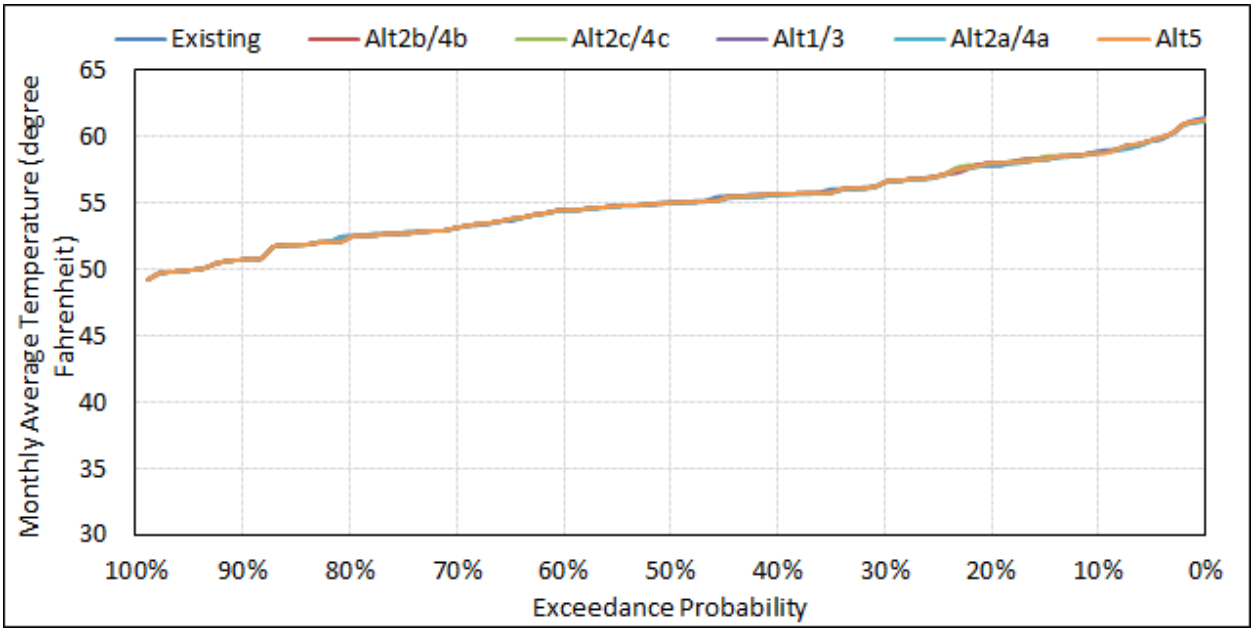


Figure 5A-D1.1.13. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

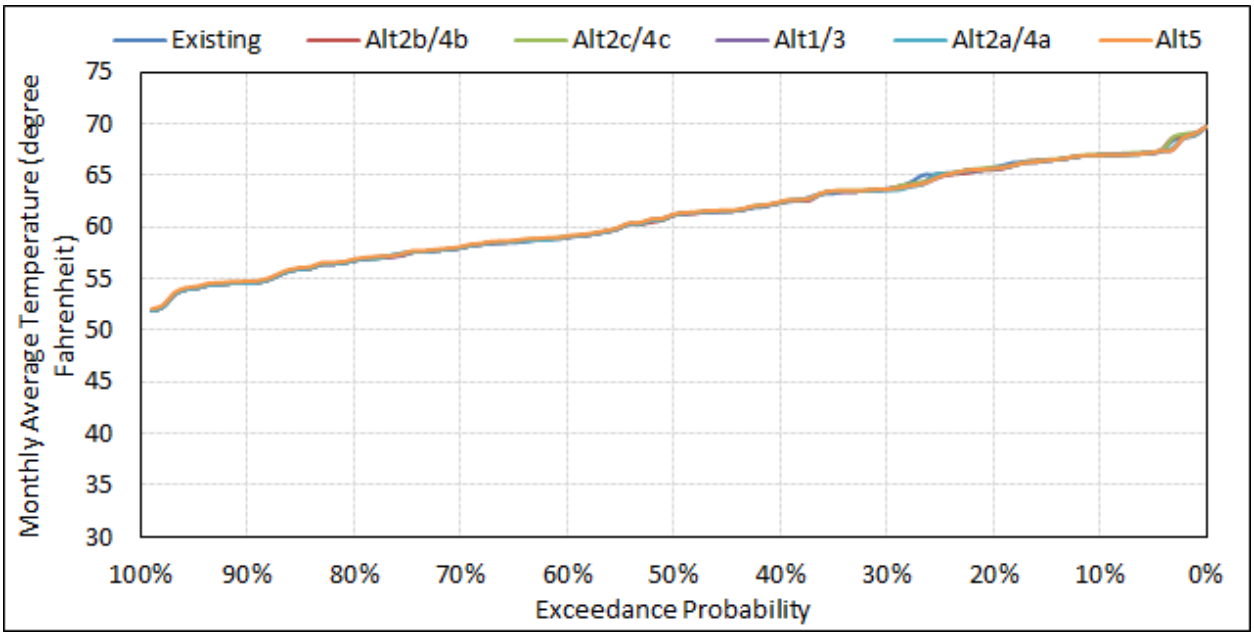


Figure 5A-D1.1.14. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

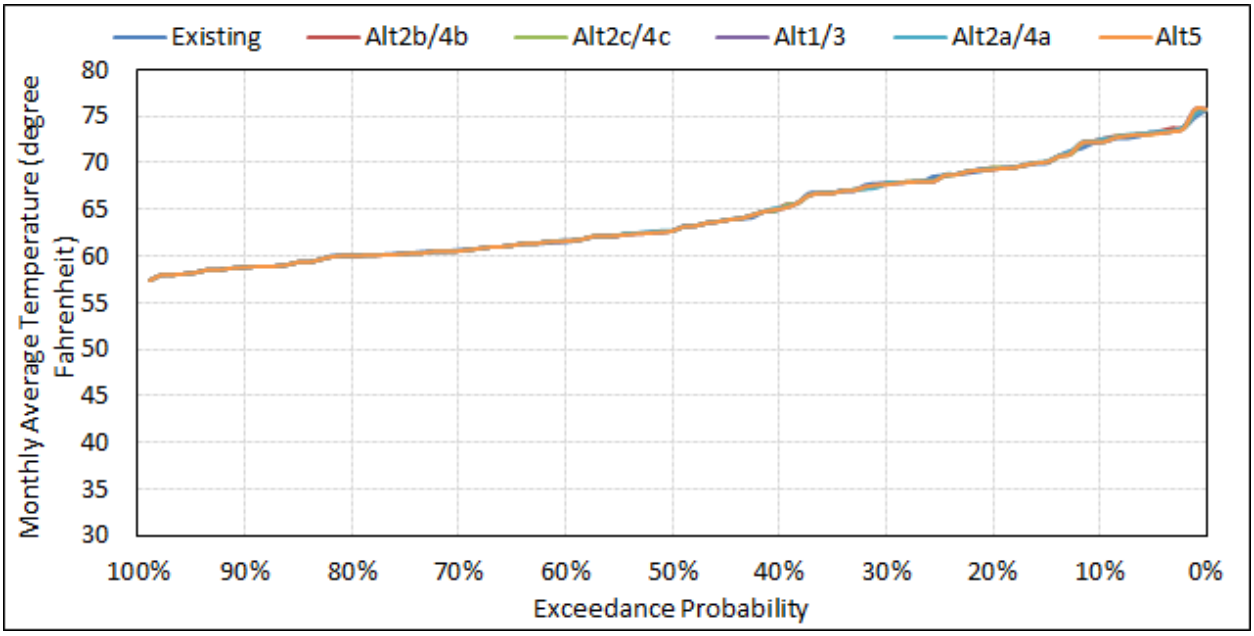


Figure 5A-D1.1.15. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

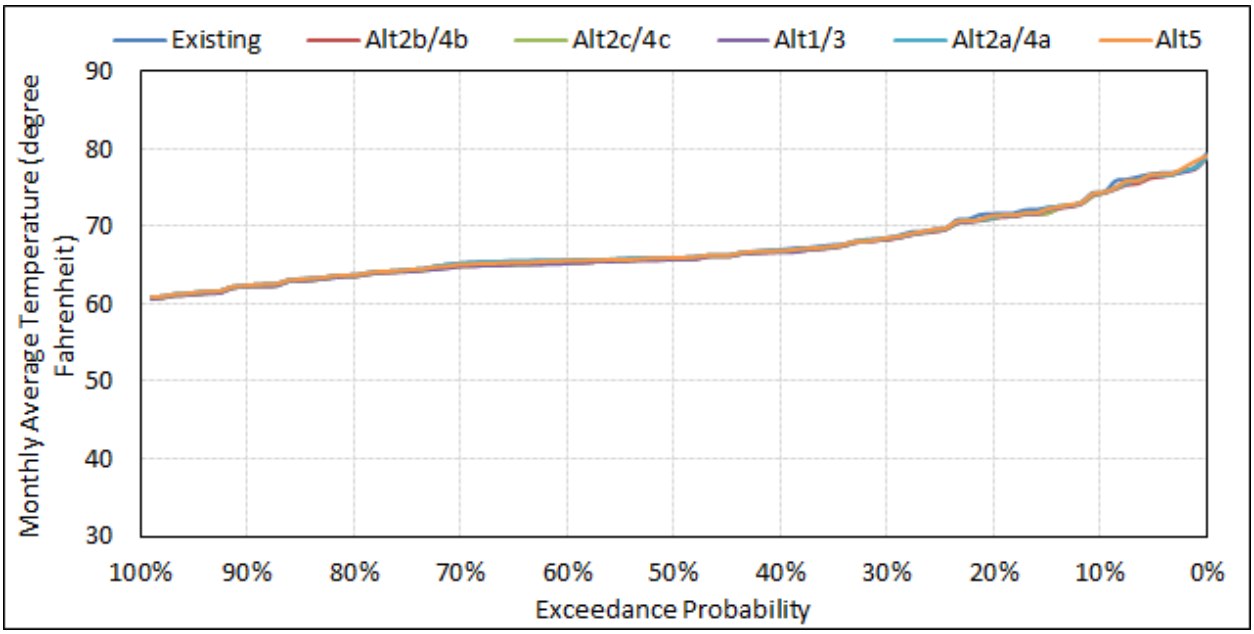


Figure 5A-D1.1.16. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

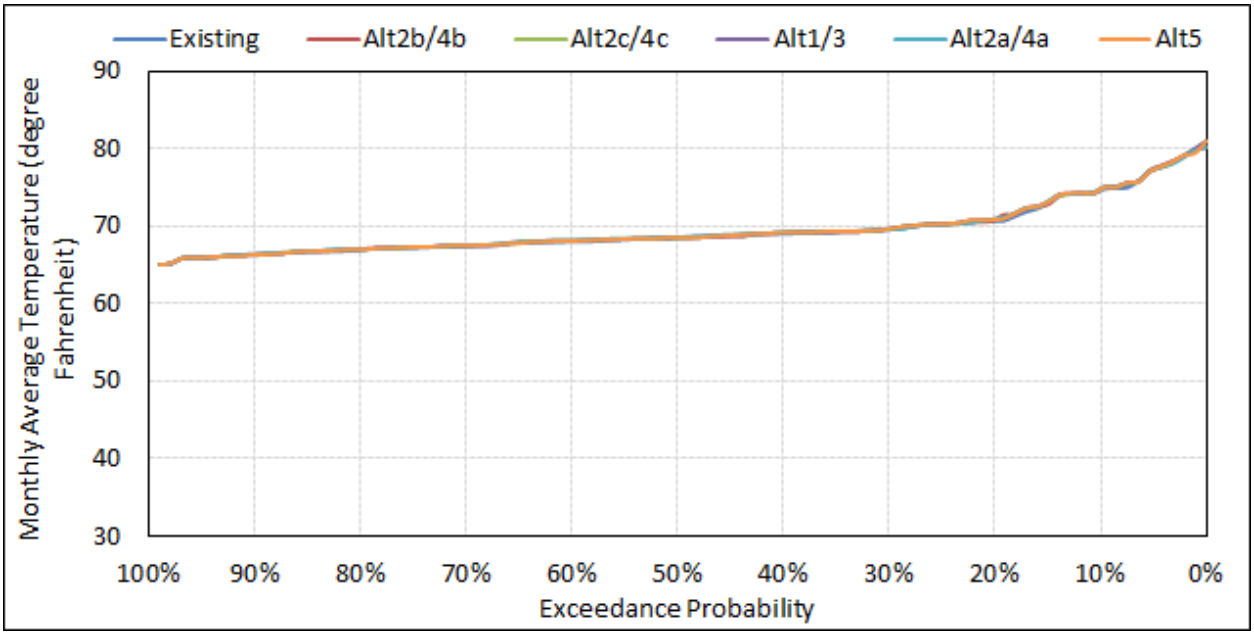


Figure 5A-D1.1.17. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

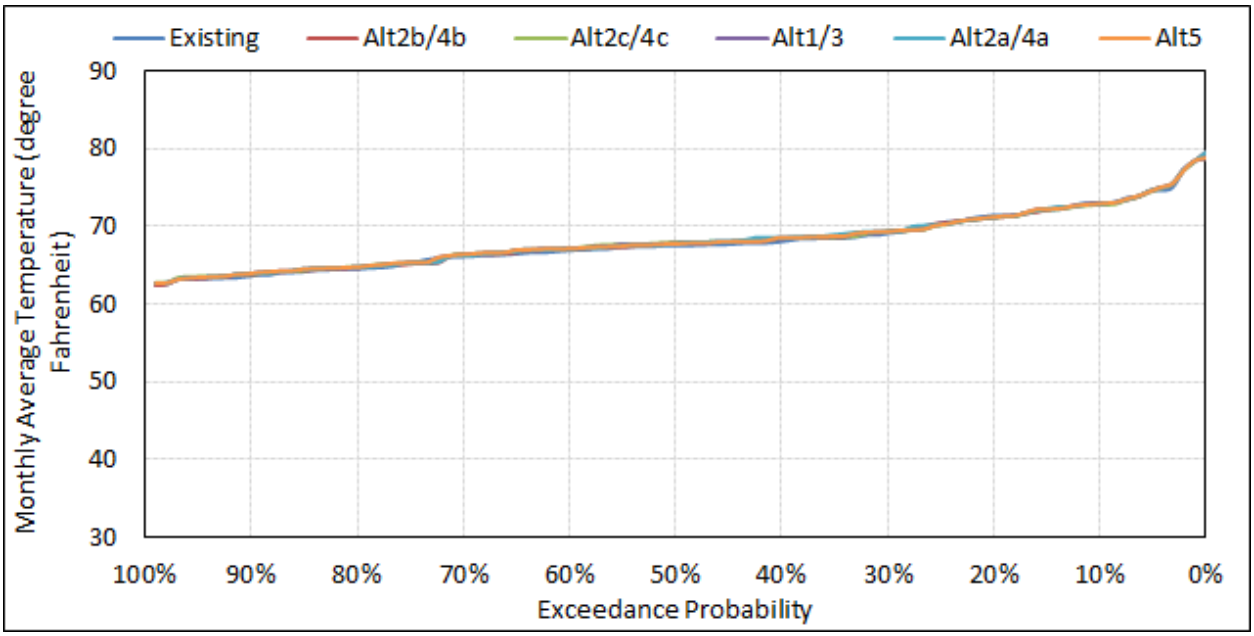


Figure 5A-D1.1.18. American River Above Confluence, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

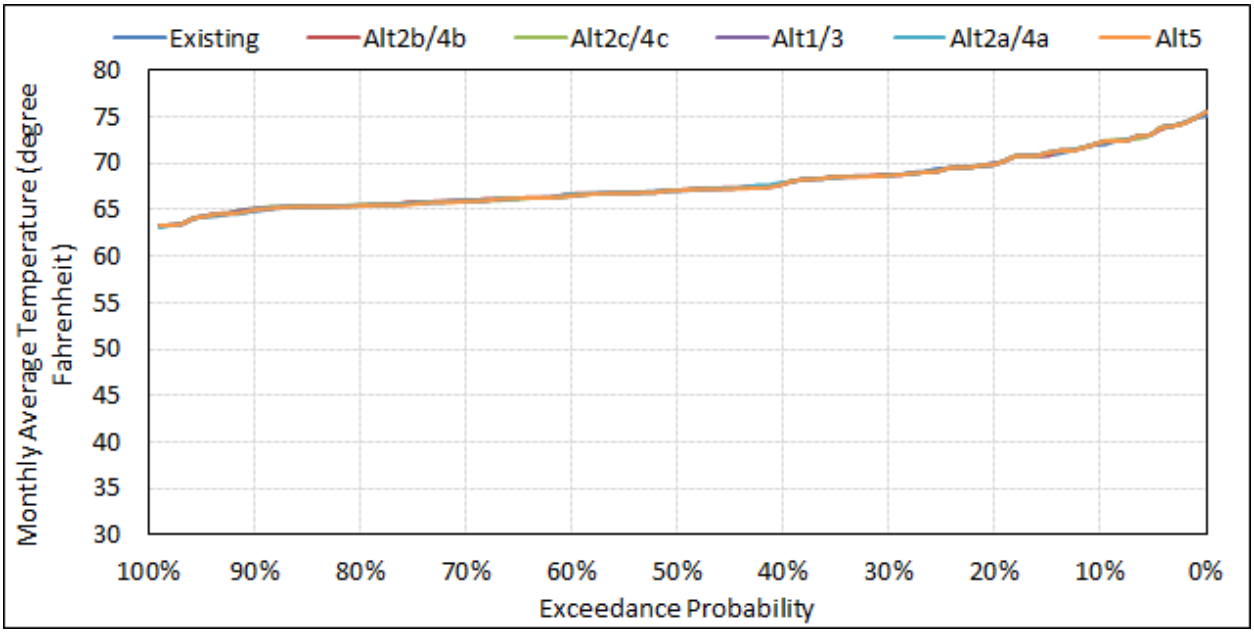
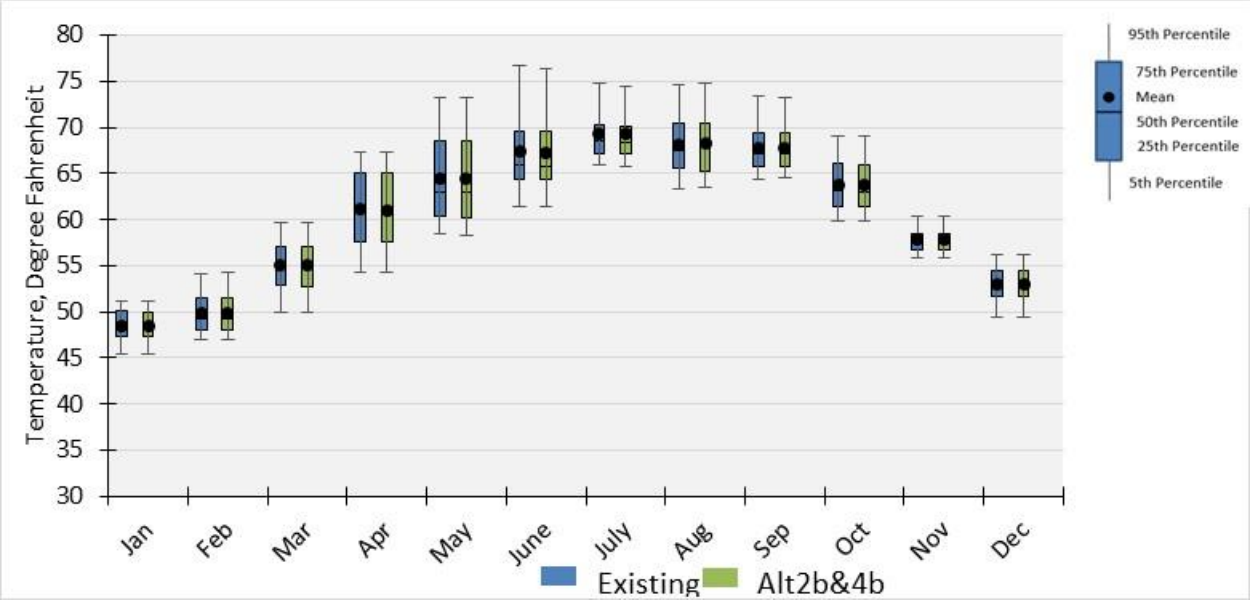


Figure 5A-D1.1.19. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



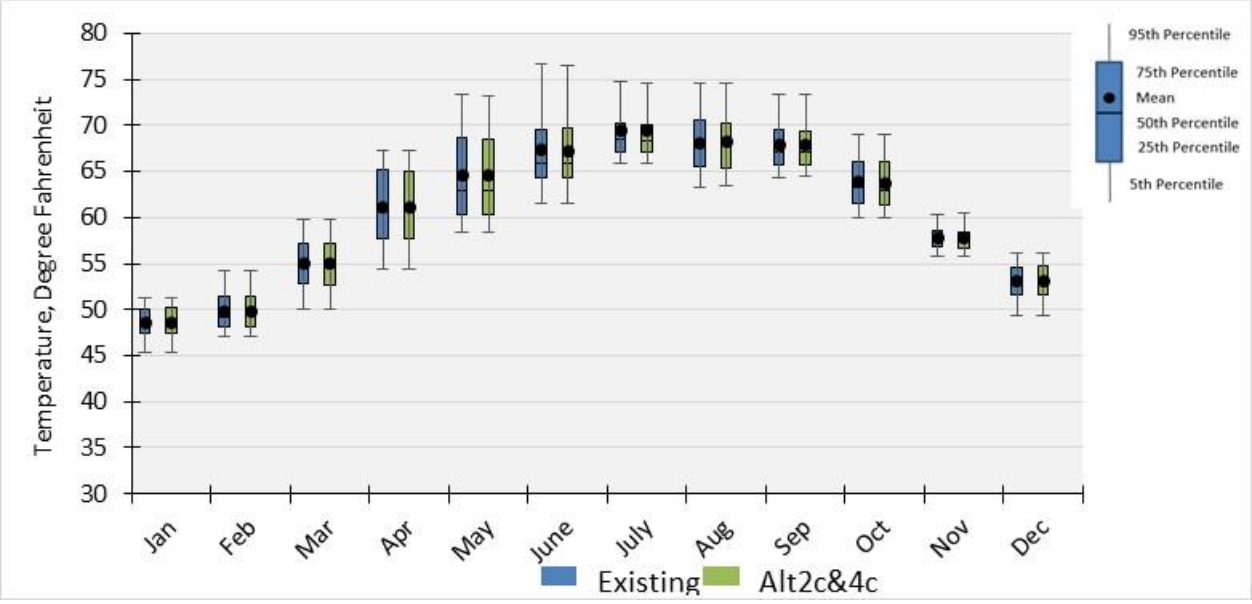
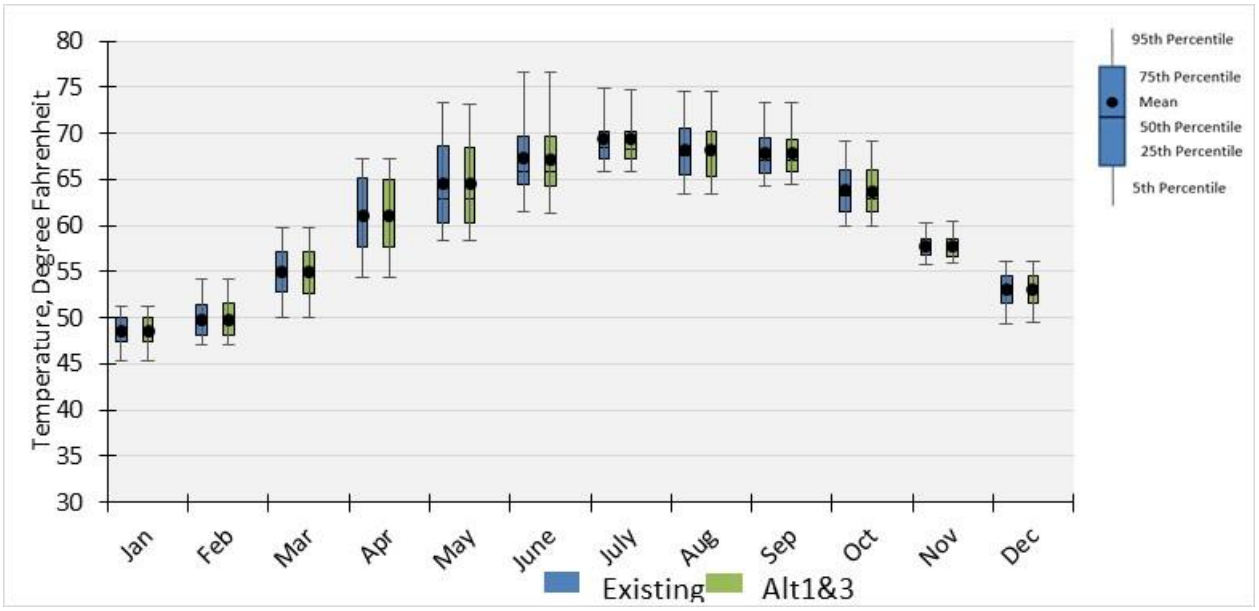


Figure 5A-D1.1.20. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



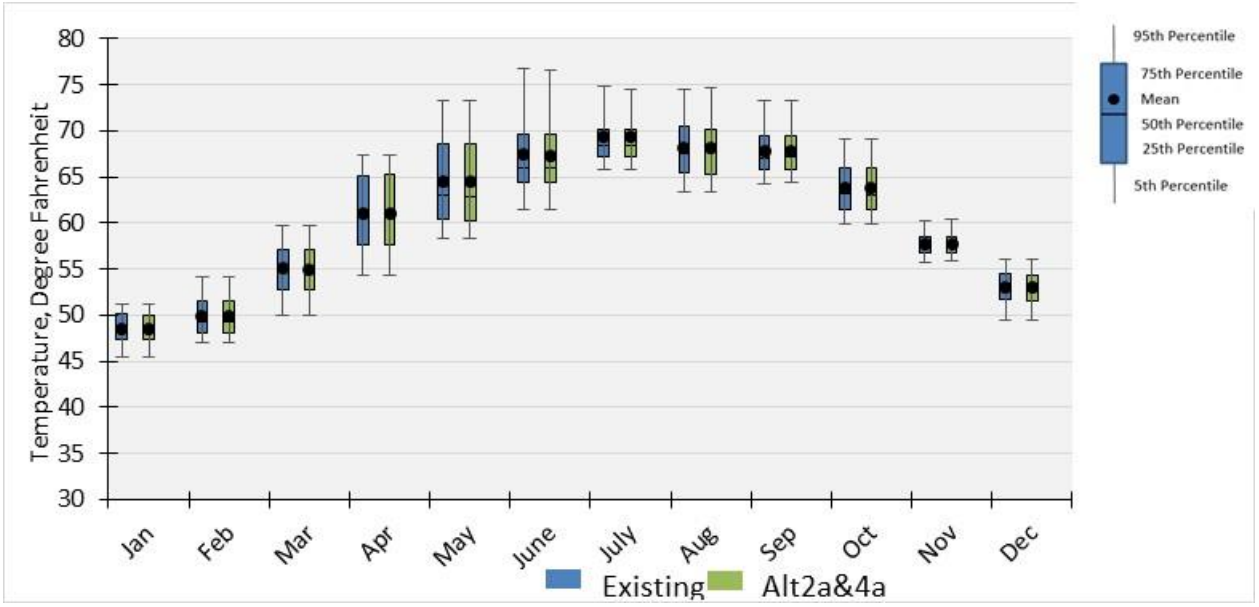


Figure 5A-D1.1.21. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

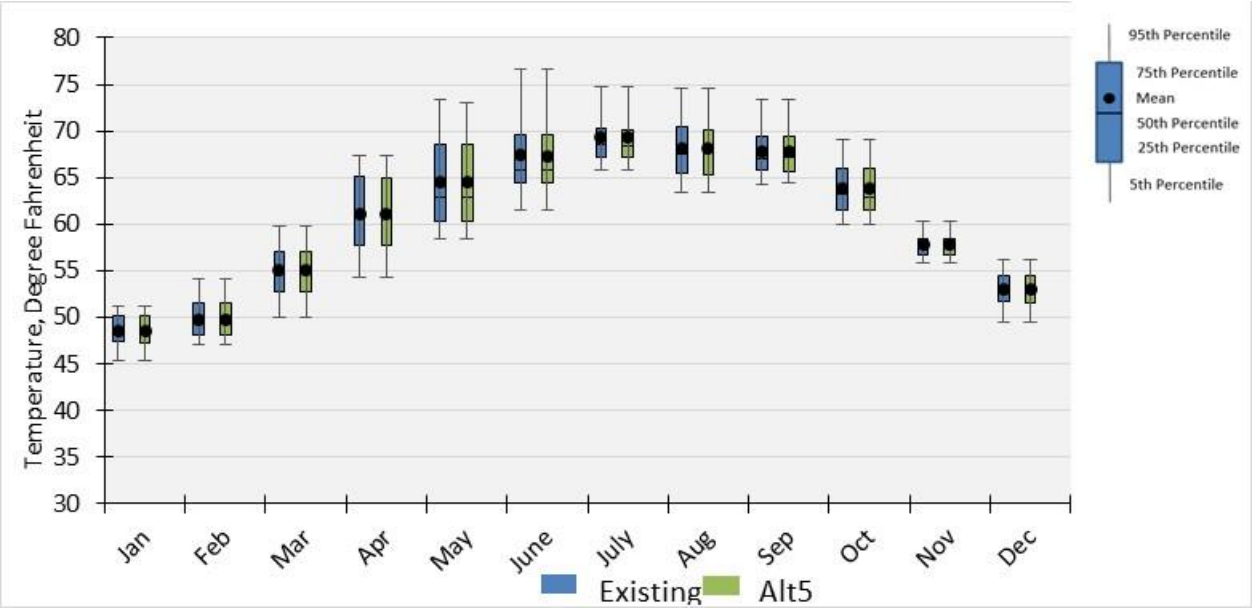
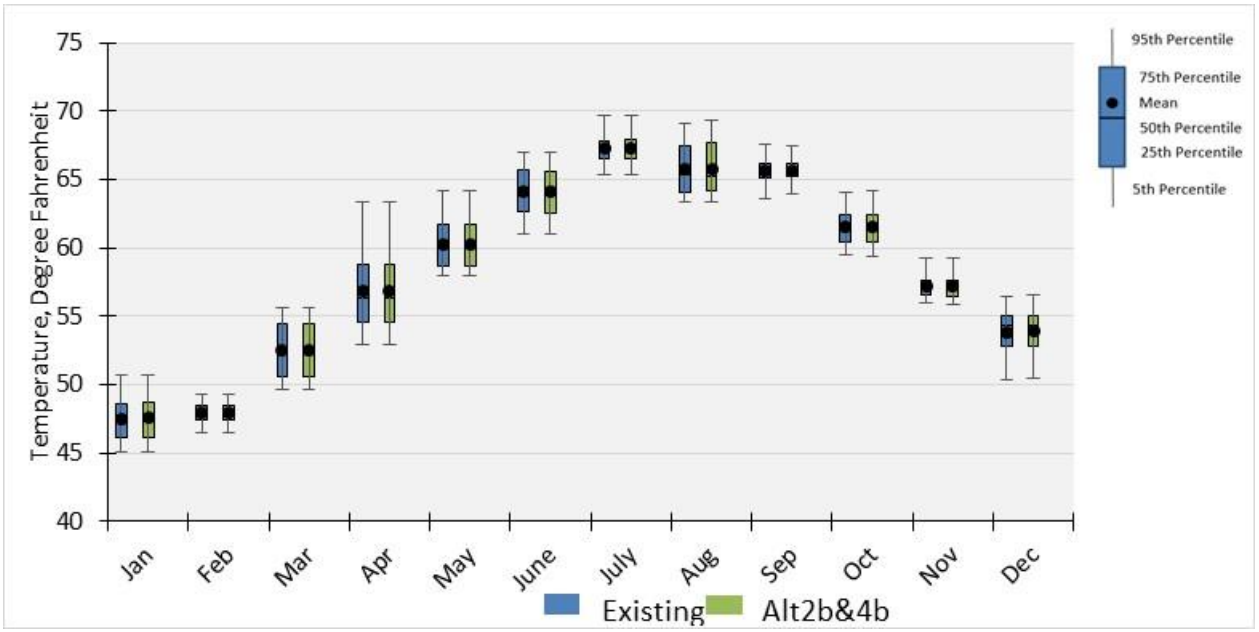


Figure 5A-D1.1.22. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



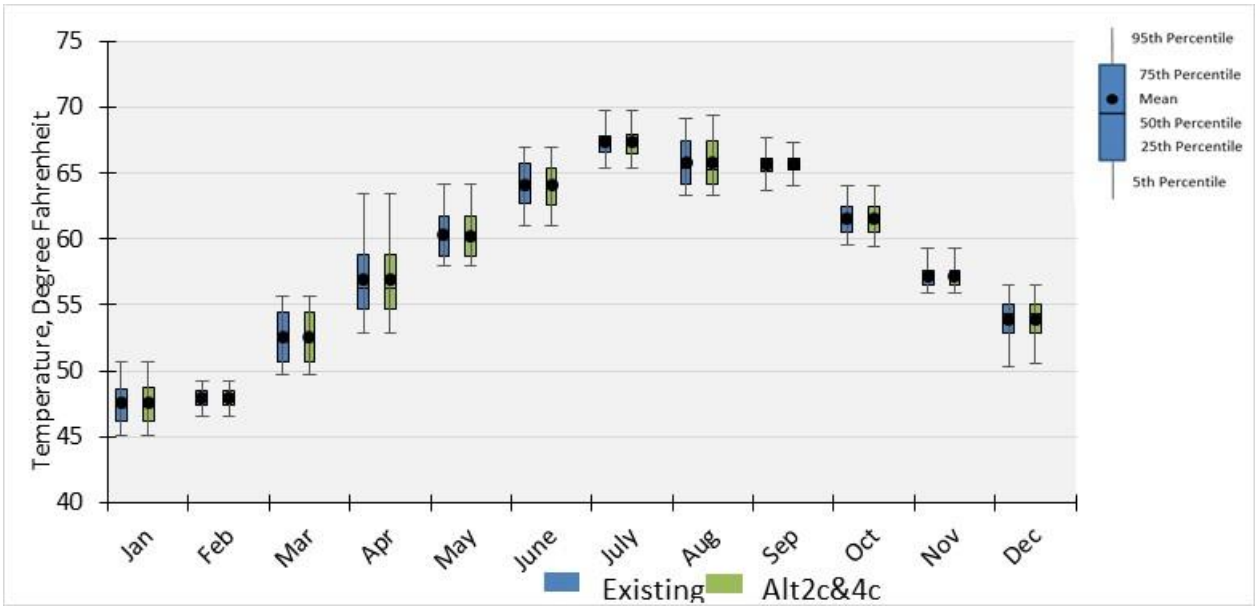
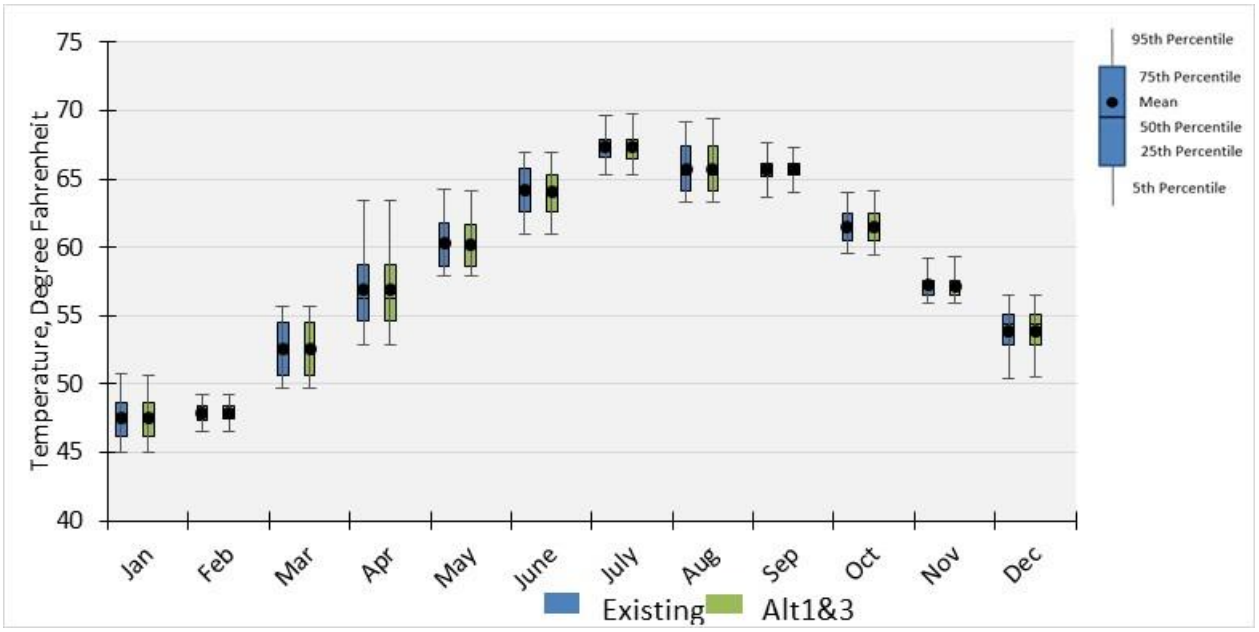


Figure 5A-D1.1.23. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



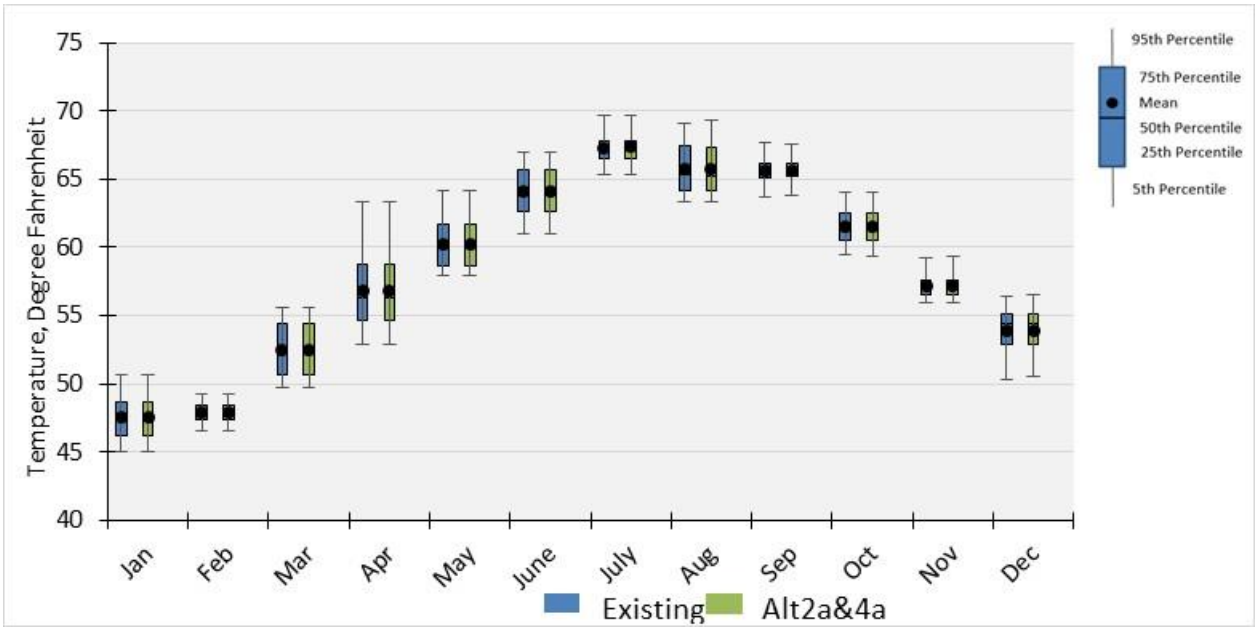


Figure 5A-D1.1.24. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

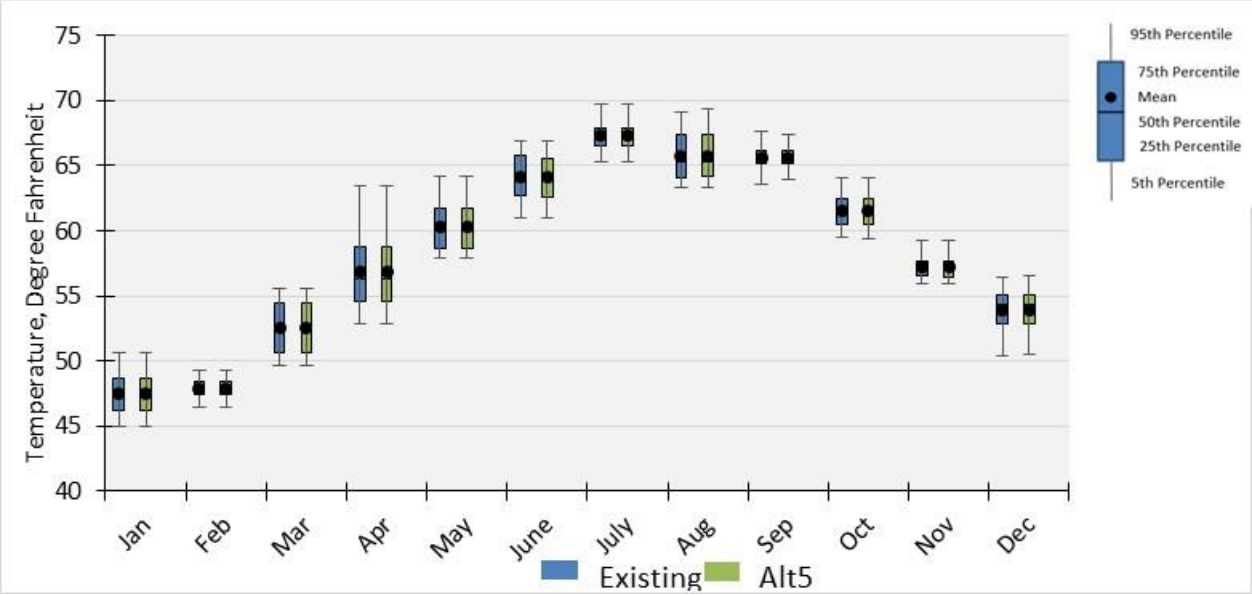
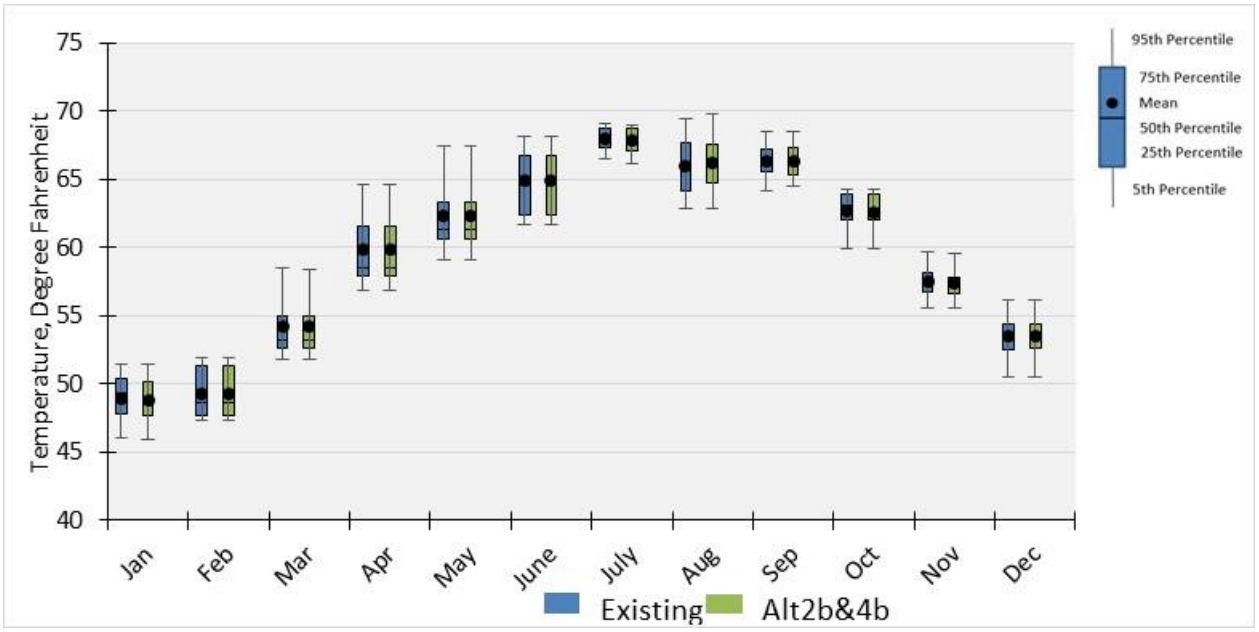


Figure 5A-D1.1.25. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



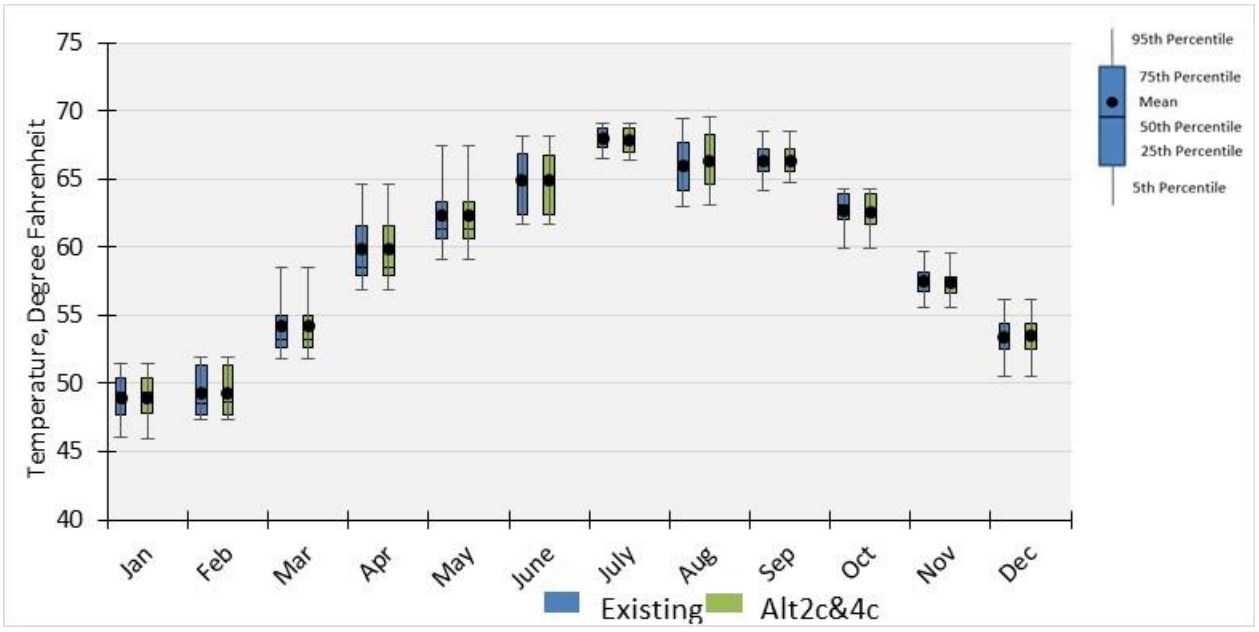
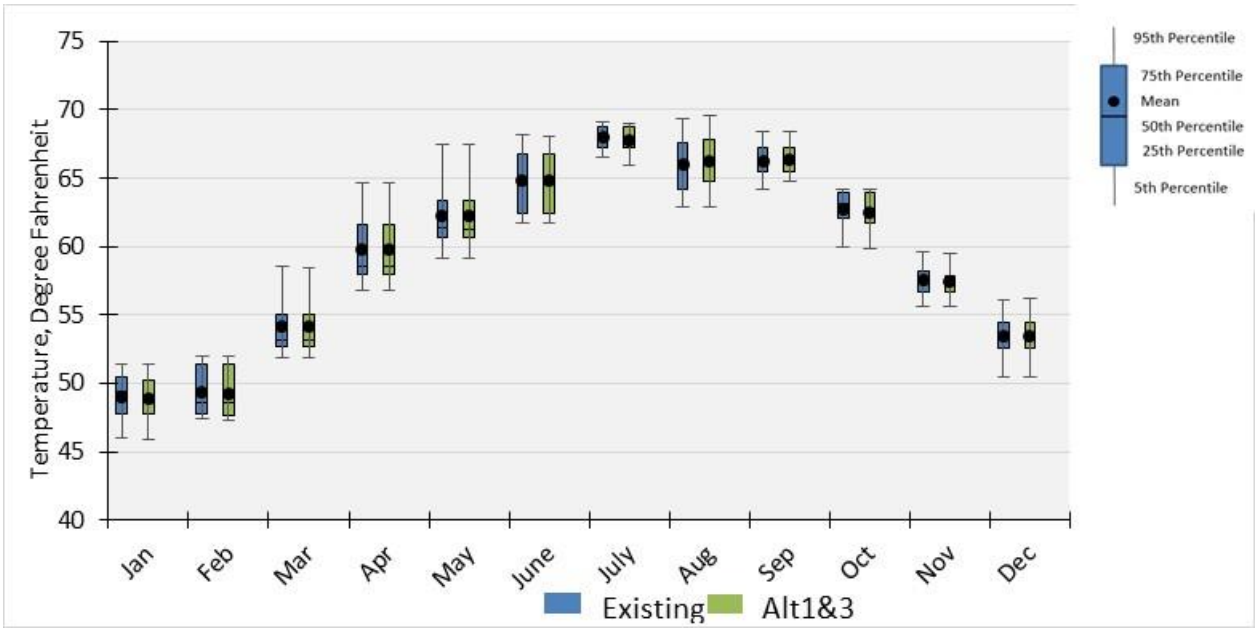


Figure 5A-D1.1.26. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



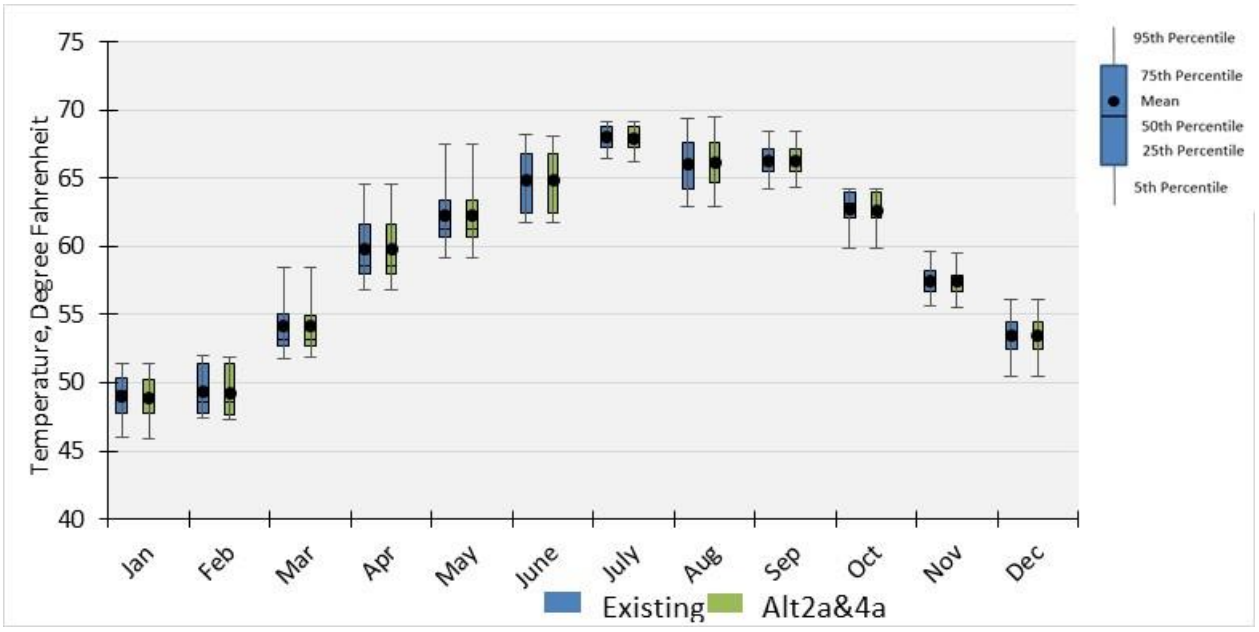


Figure 5A-D1.1.27. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

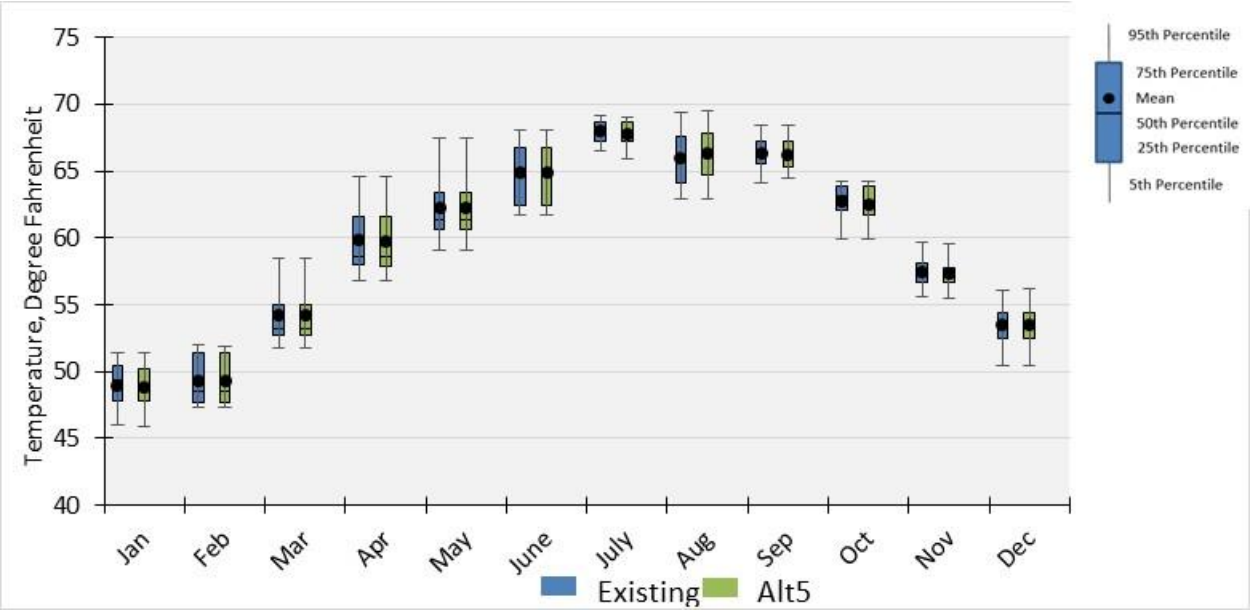
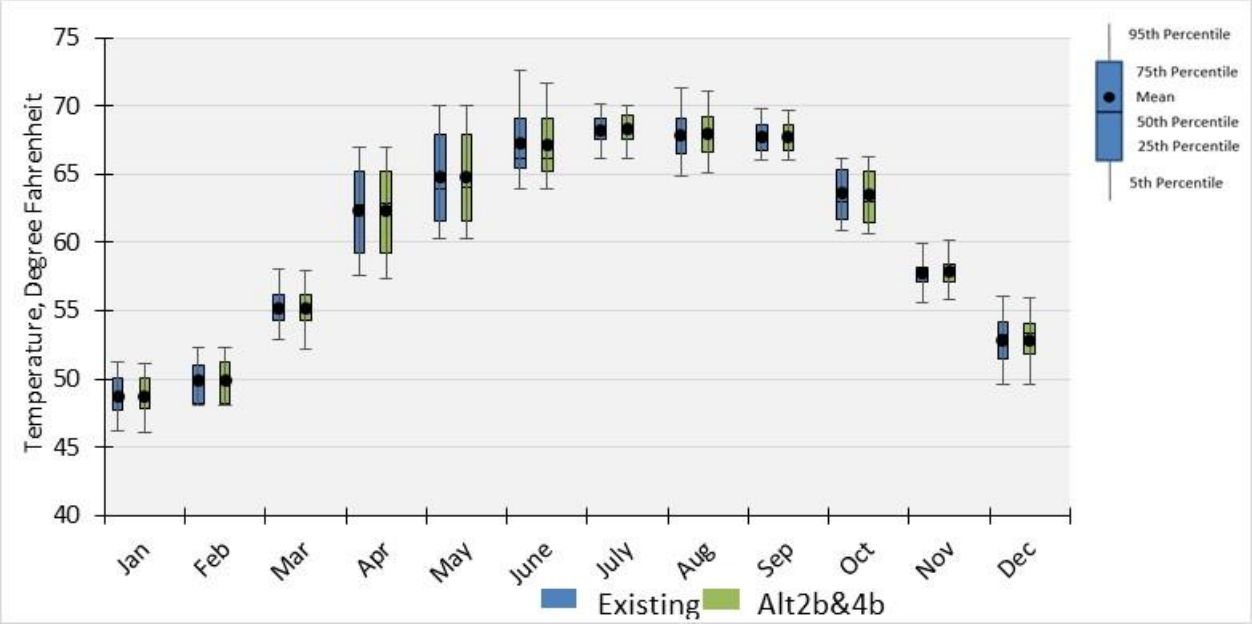


Figure 5A-D1.1.28. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



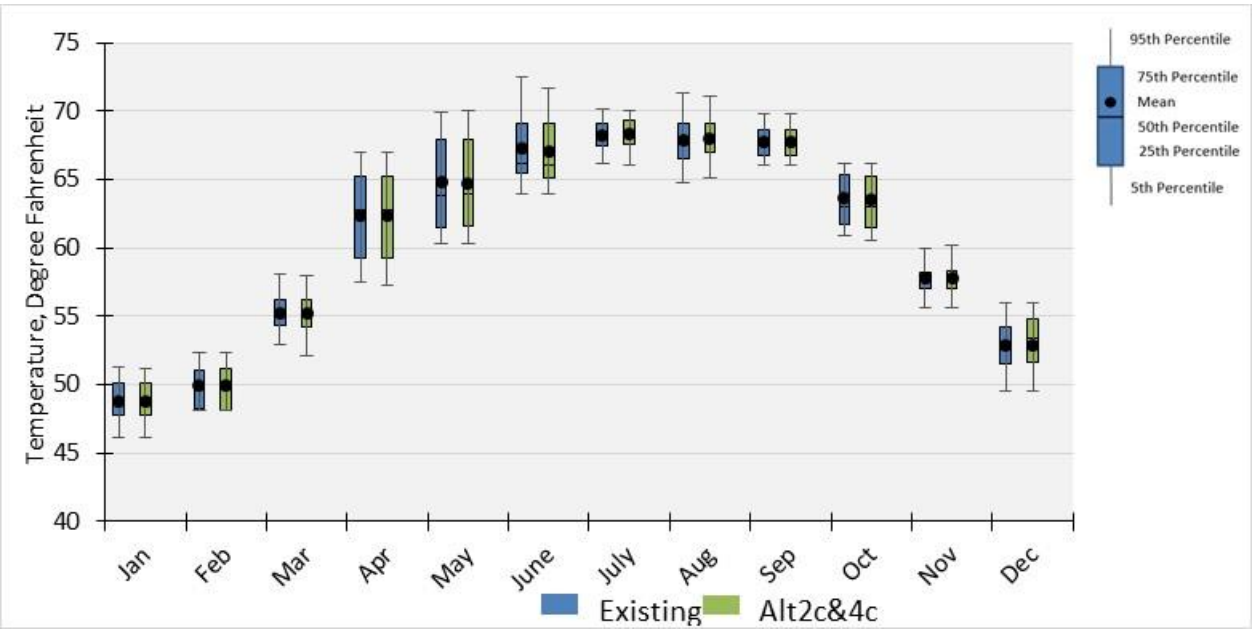
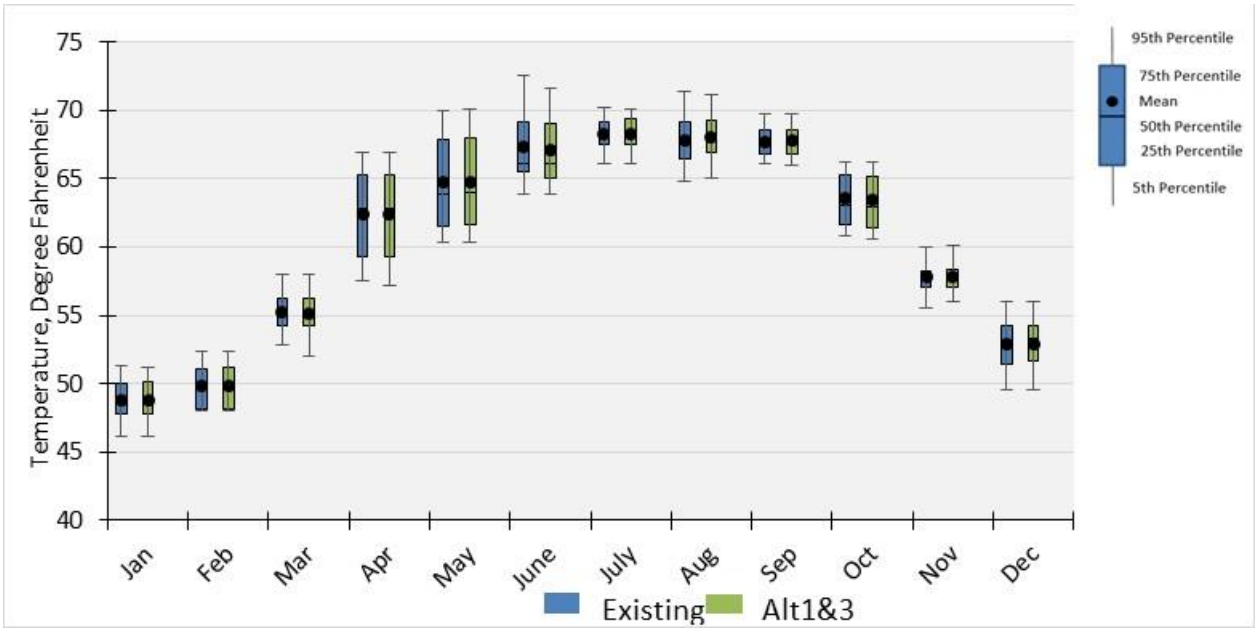


Figure 5A-D1.1.29. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



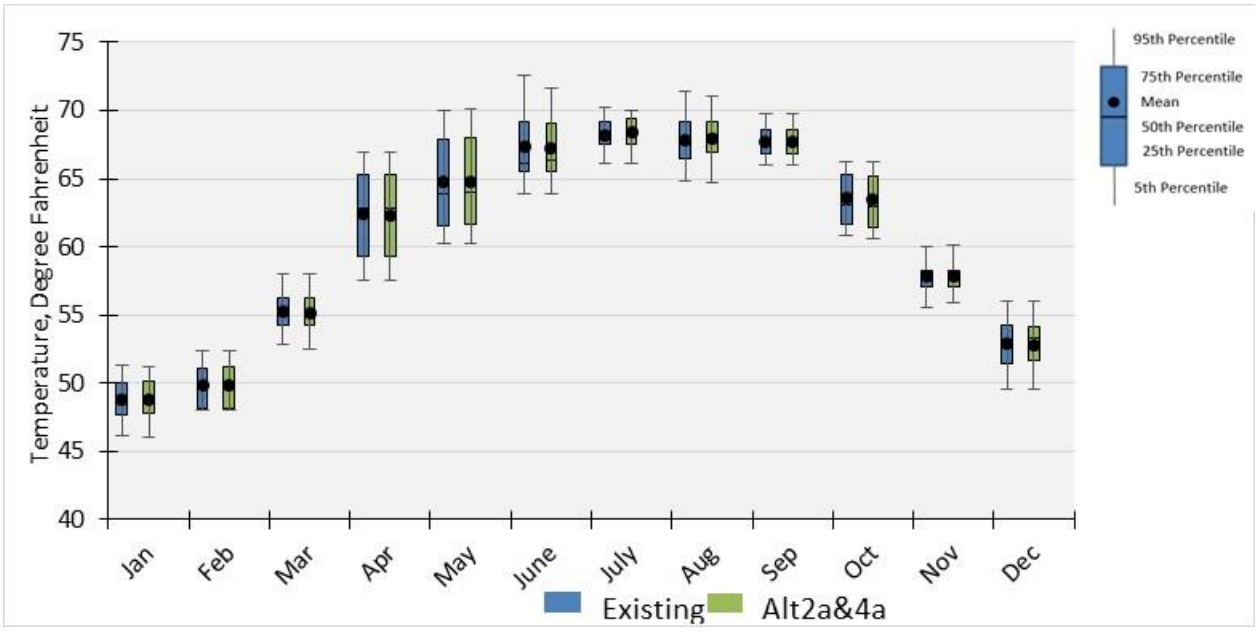


Figure 5A-D1.1.30. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

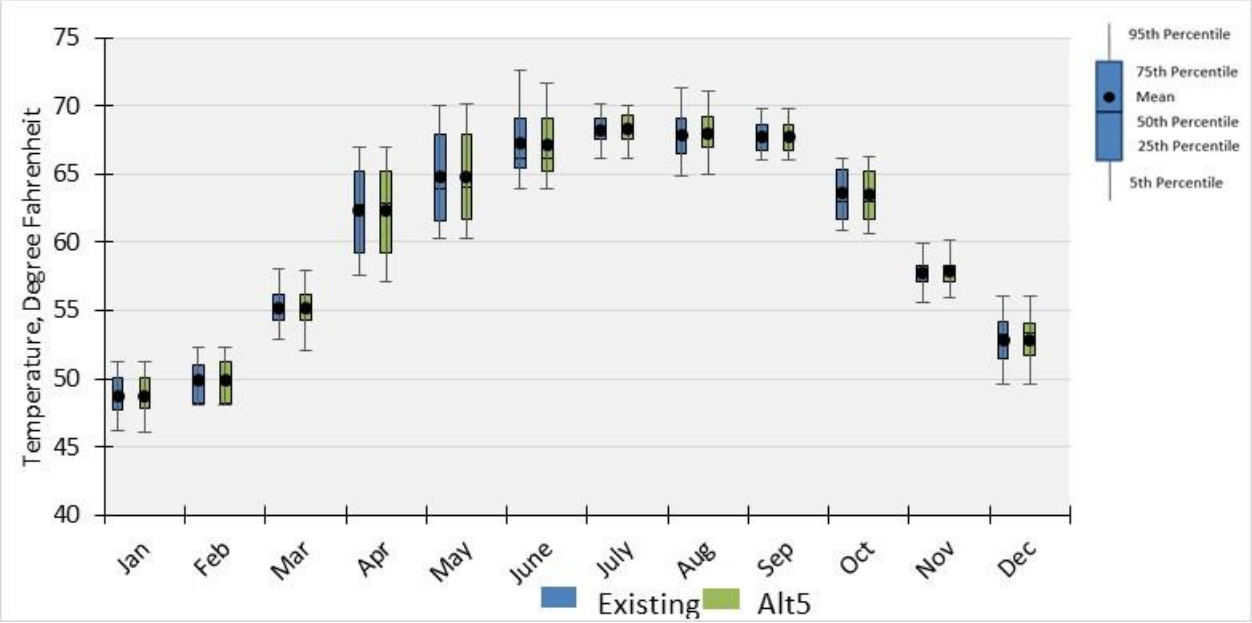
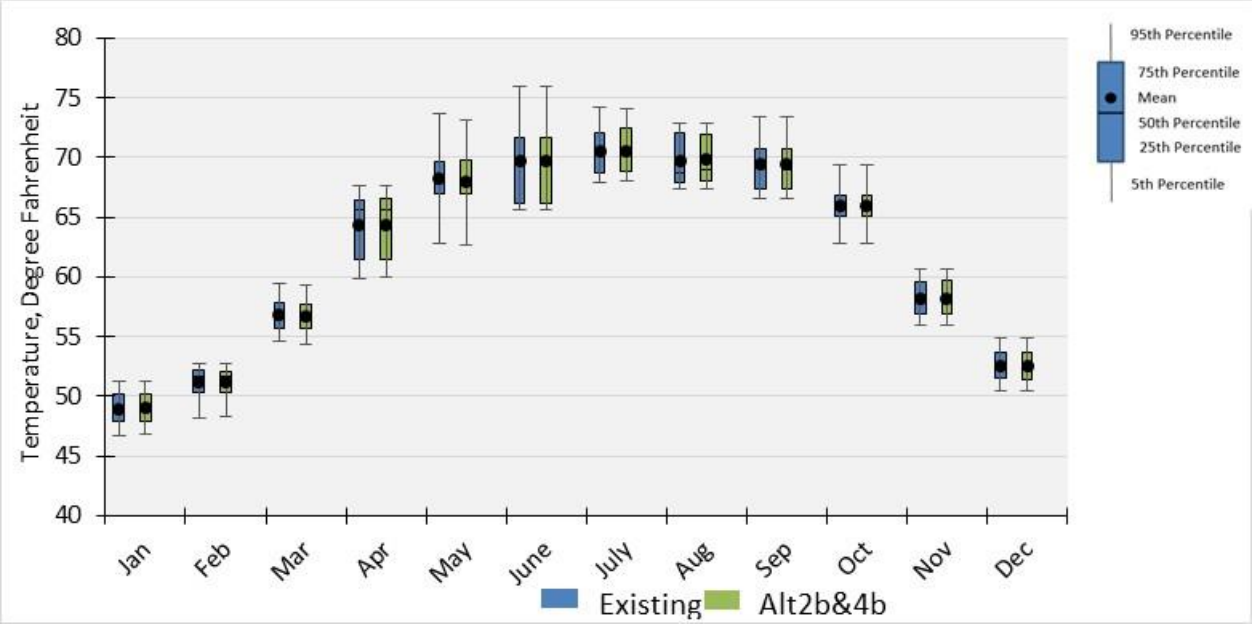


Figure 5A-D1.1.31. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



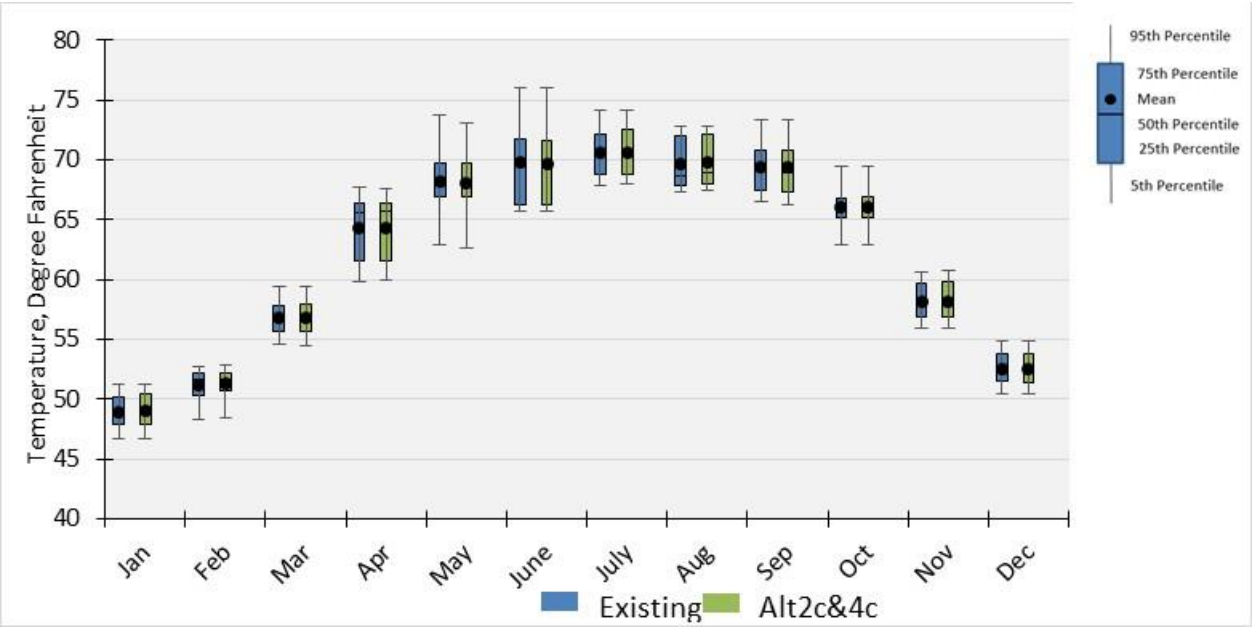
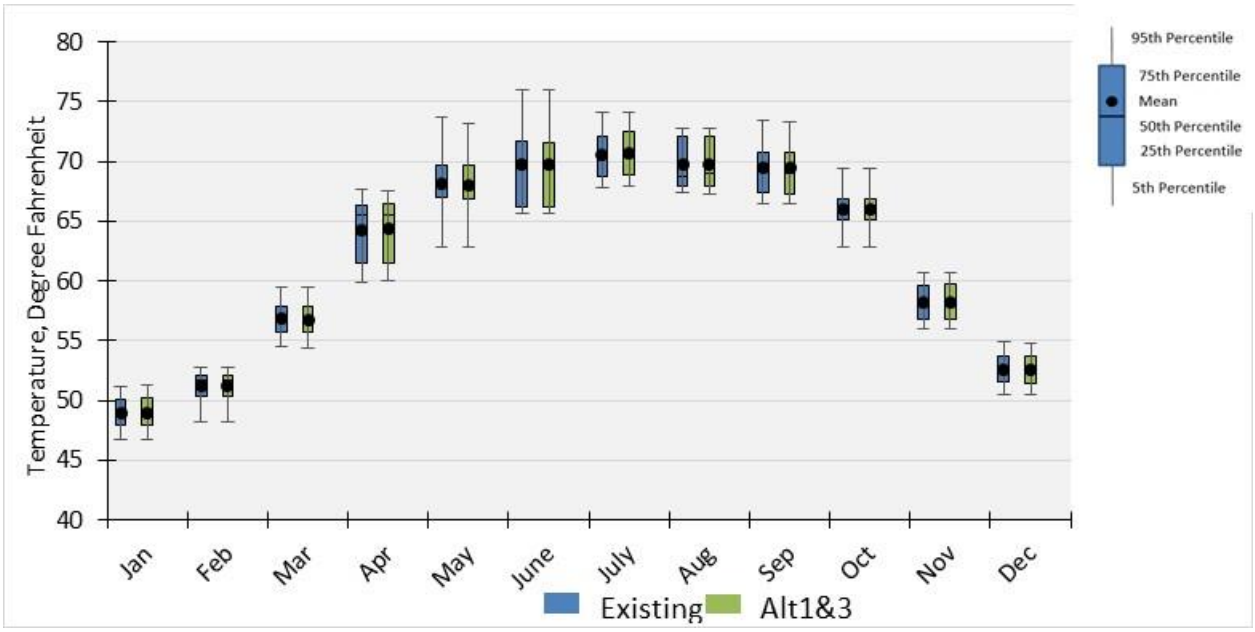


Figure 5A-D1.1.32. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



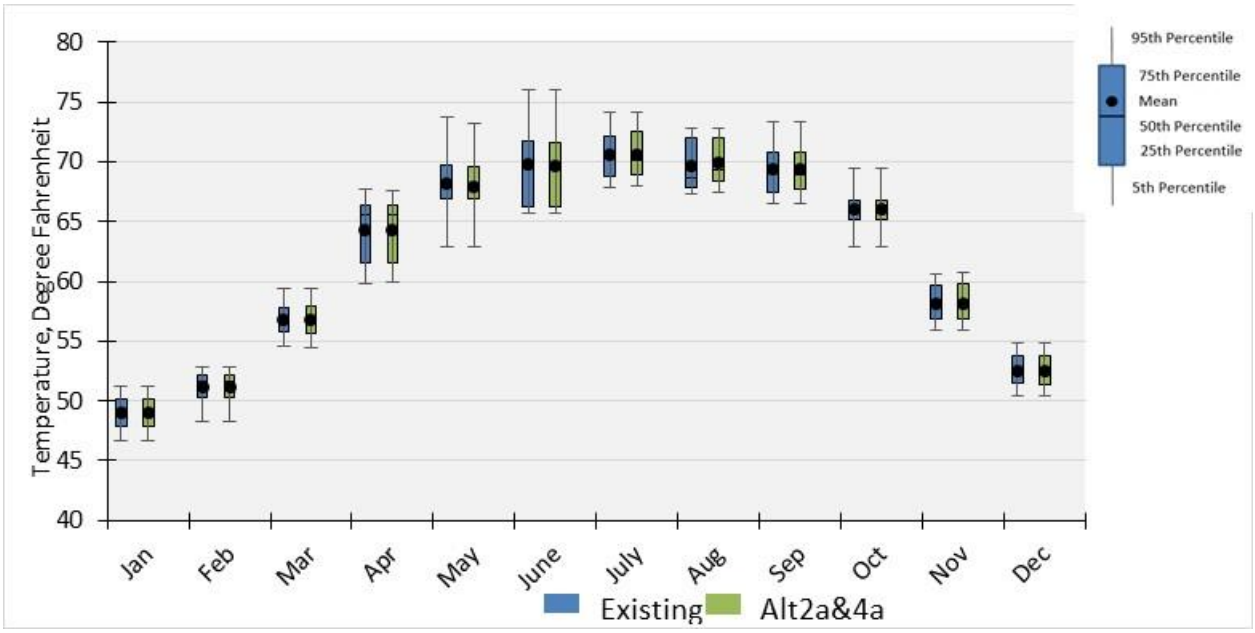


Figure 5A-D1.1.33. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

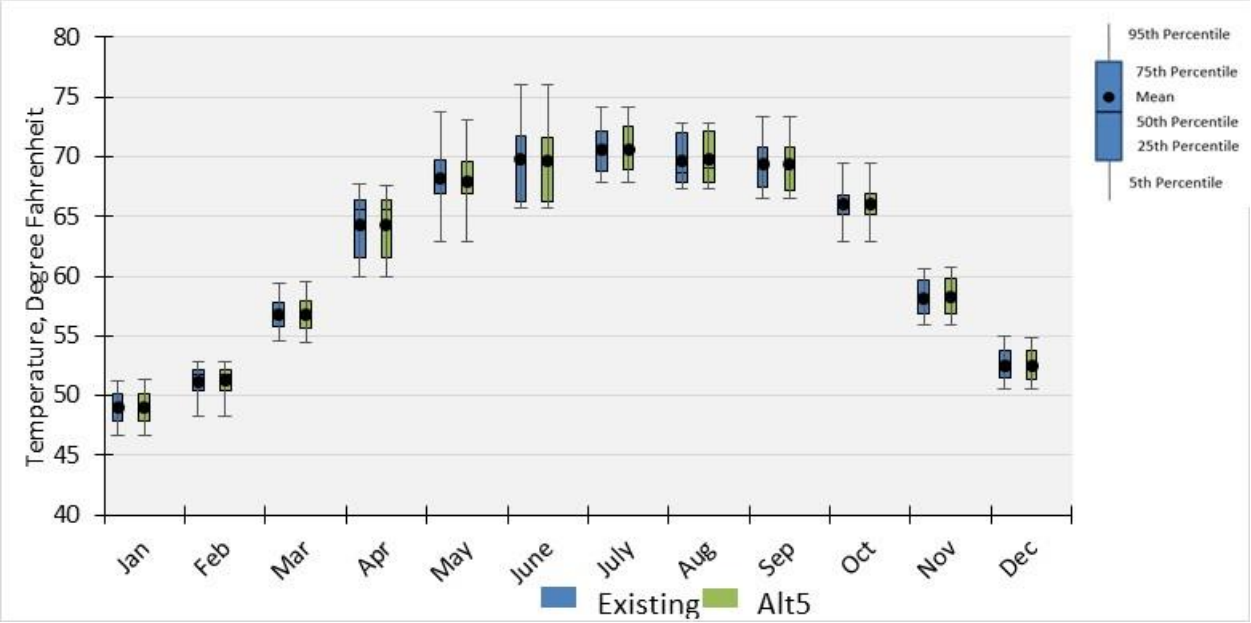
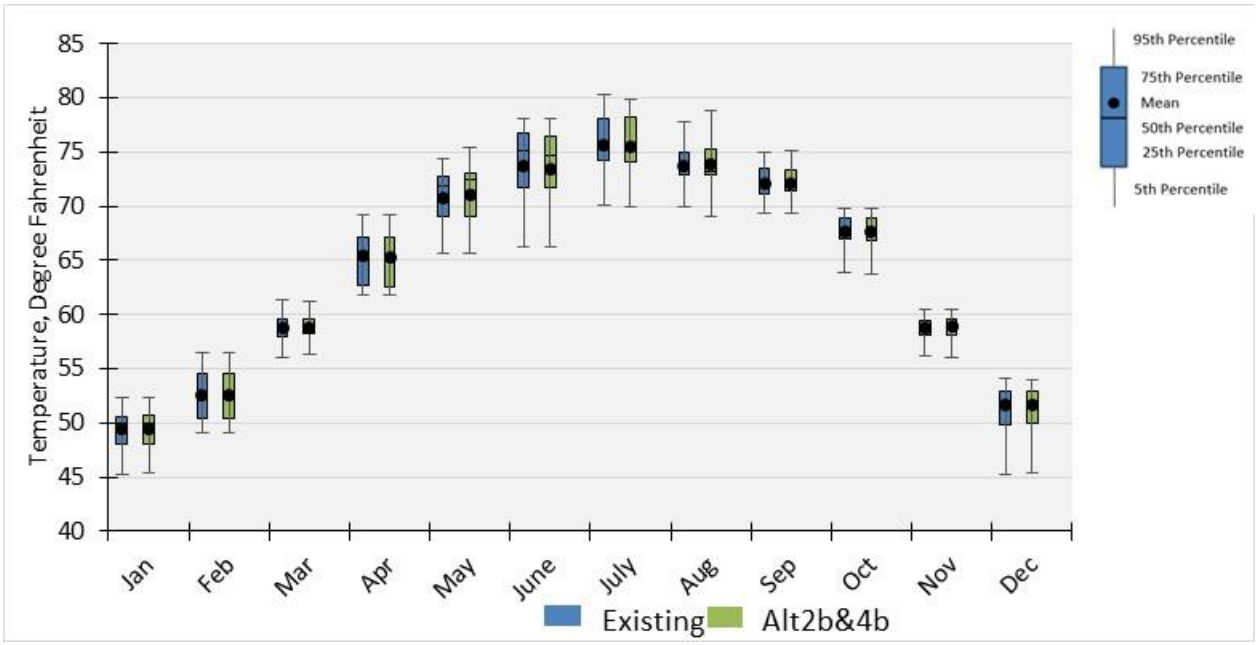


Figure 5A-D1.1.34. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



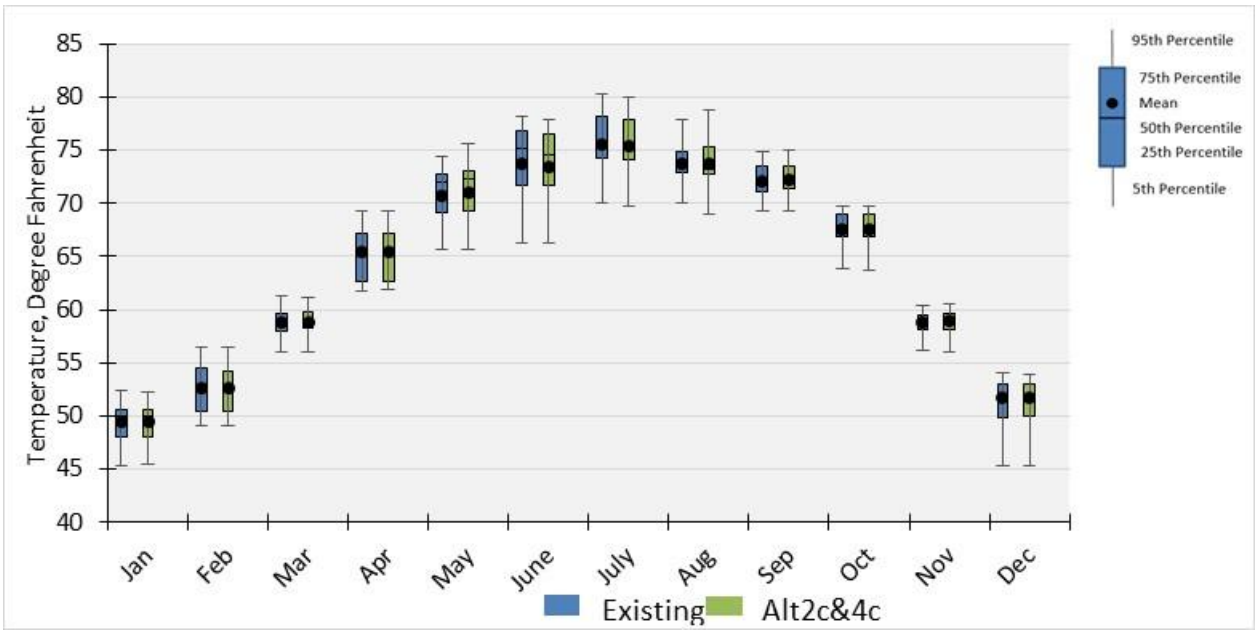
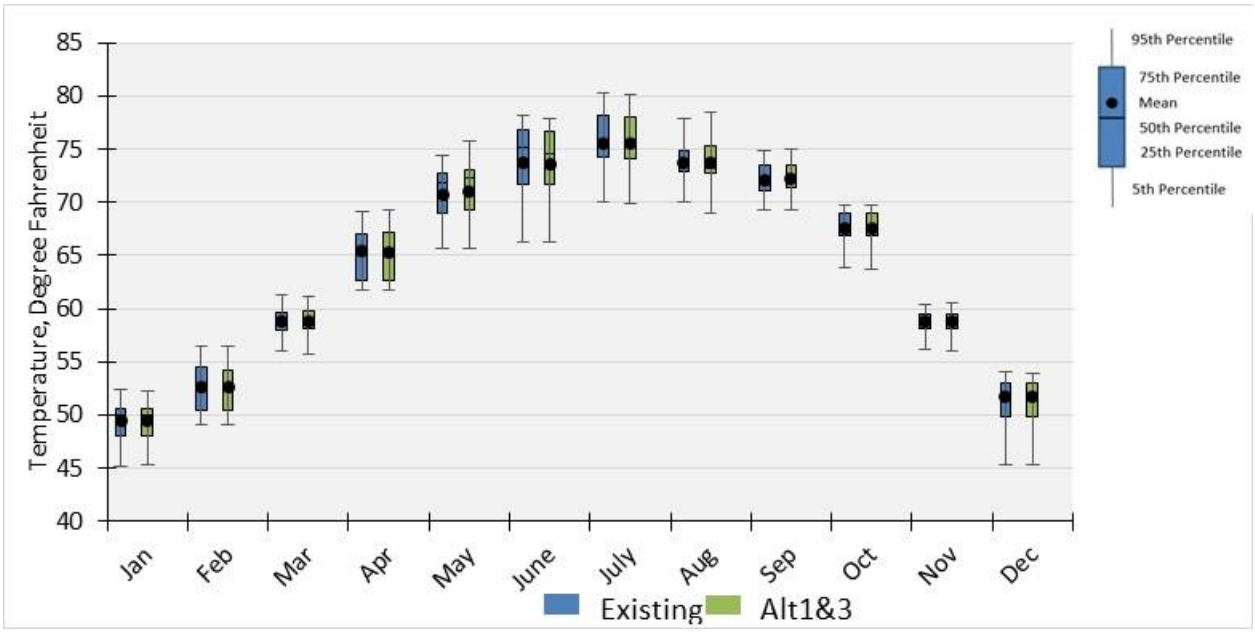


Figure 5A-D1.1.35. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



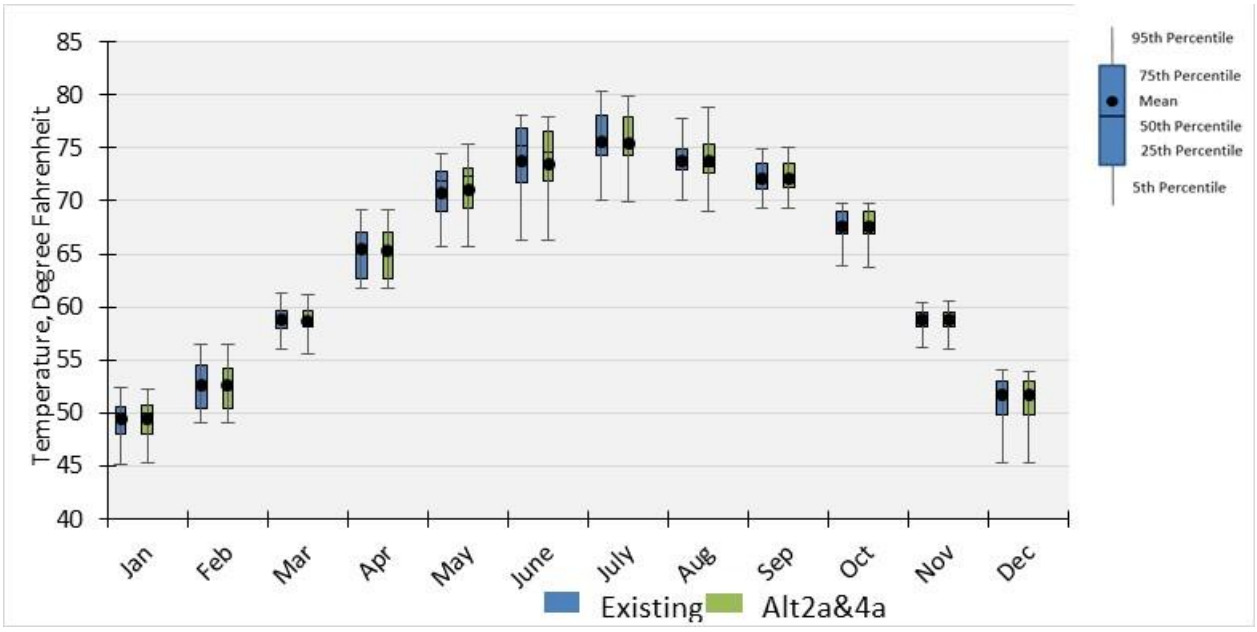


Figure 5A-D1.1.36. American River Above Confluence, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

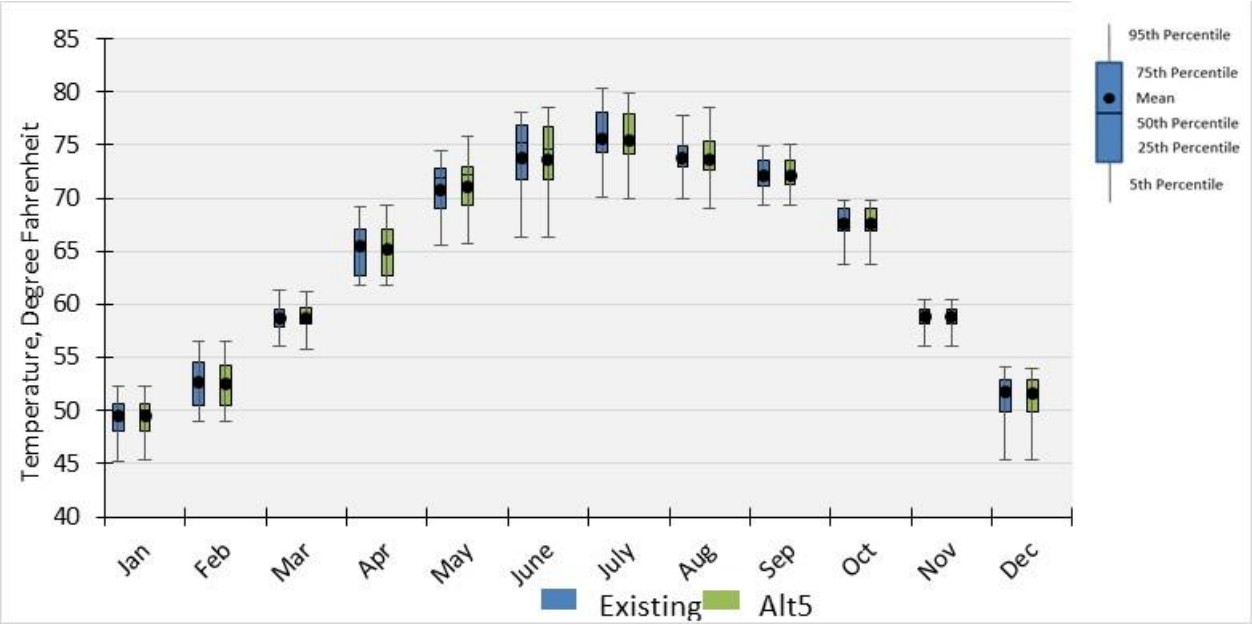
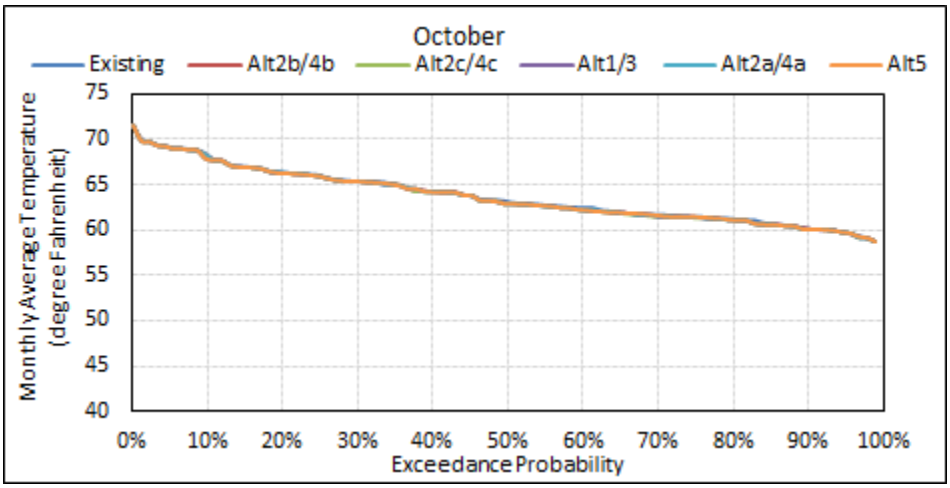
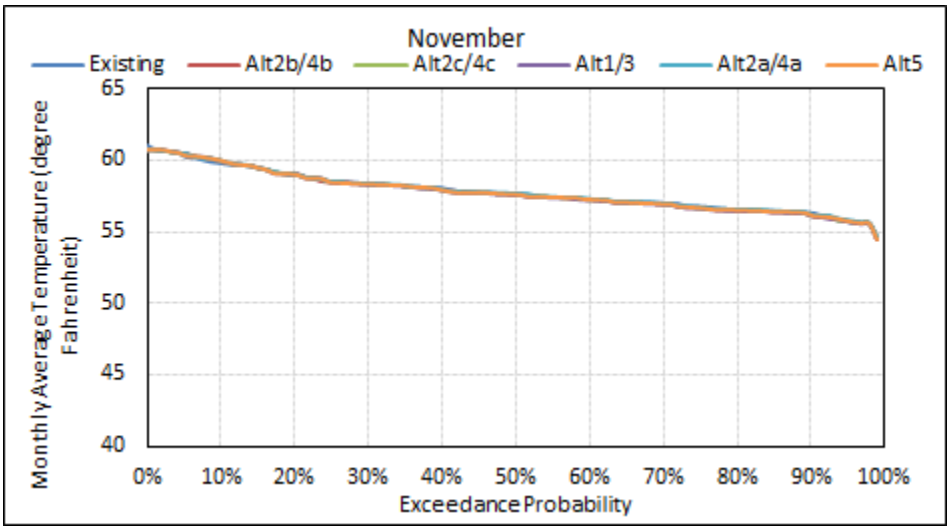


Figure 5A-D1.1.37-A. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





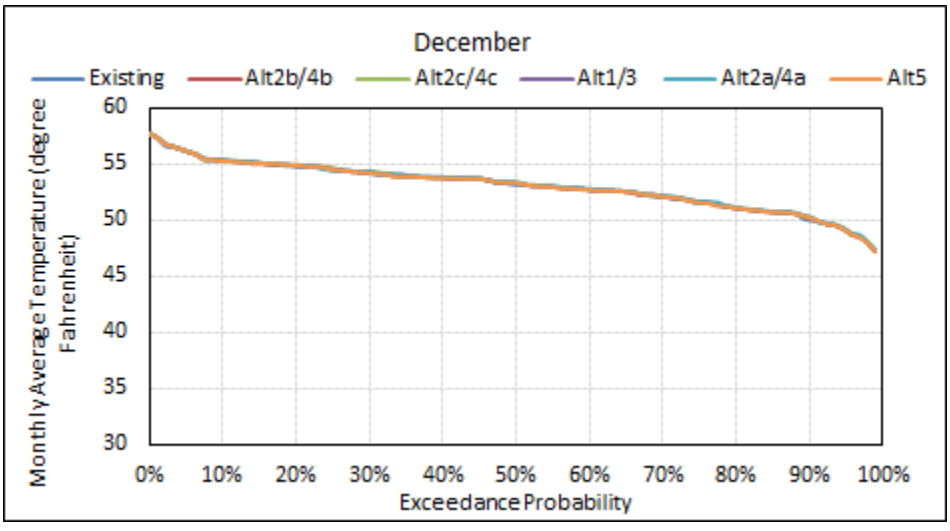
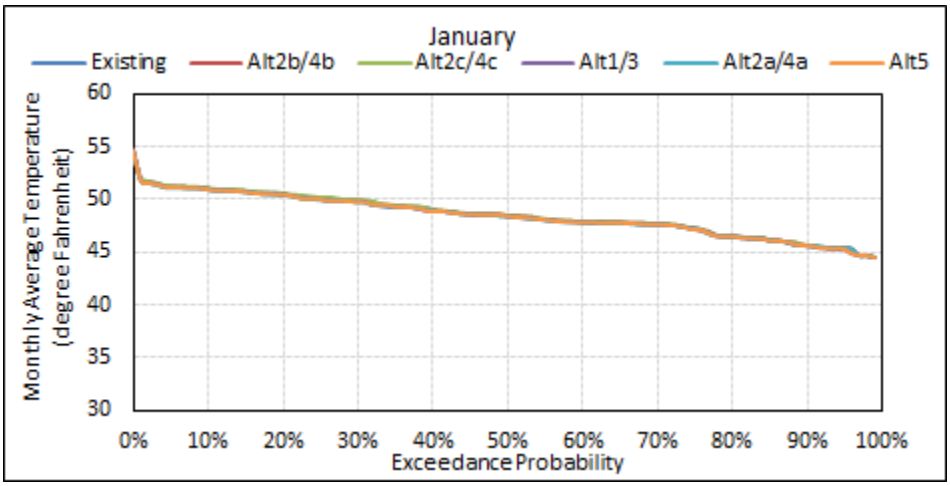
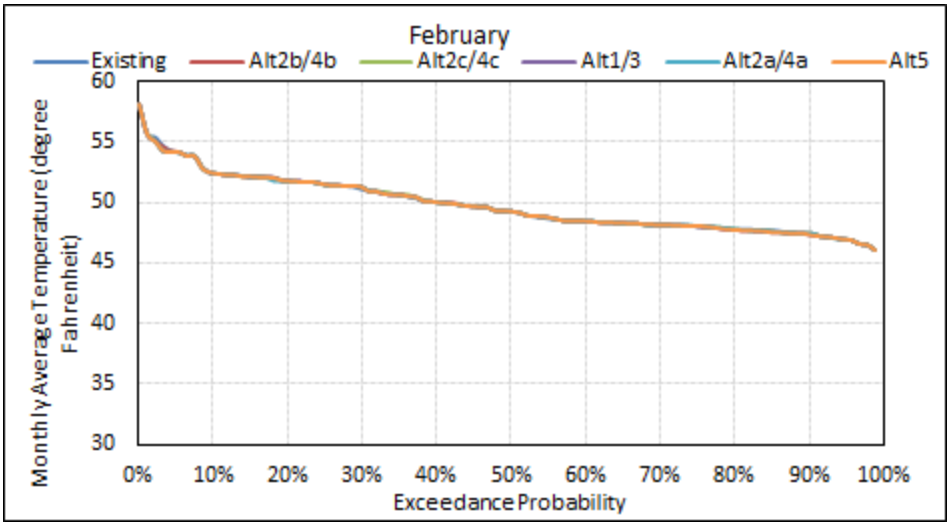


Figure 5A-D1.1.37-B. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





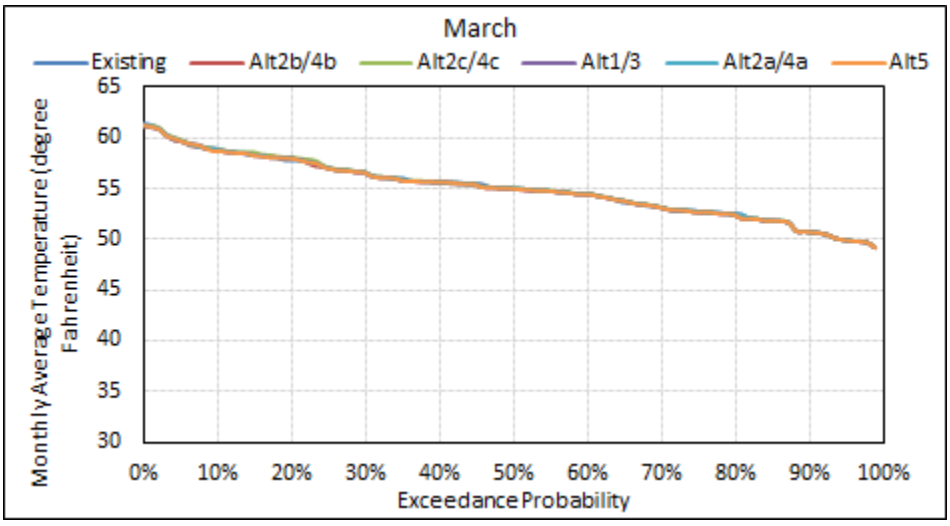
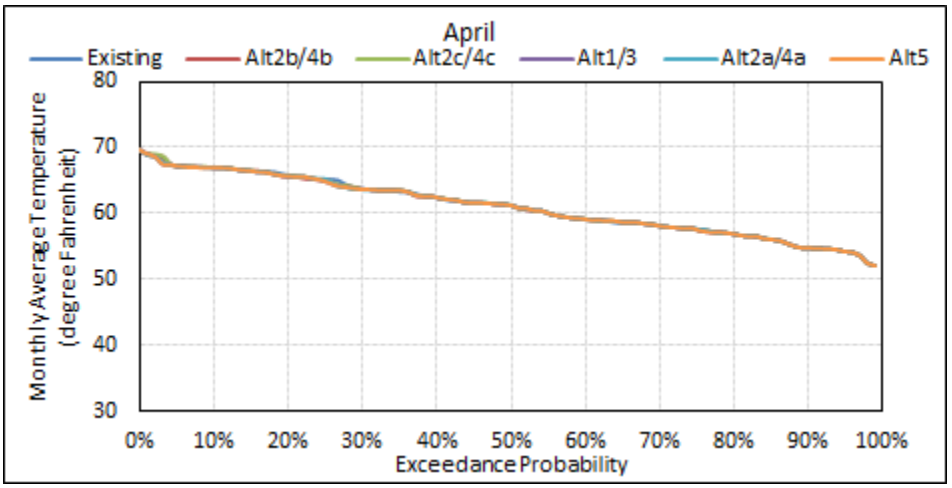
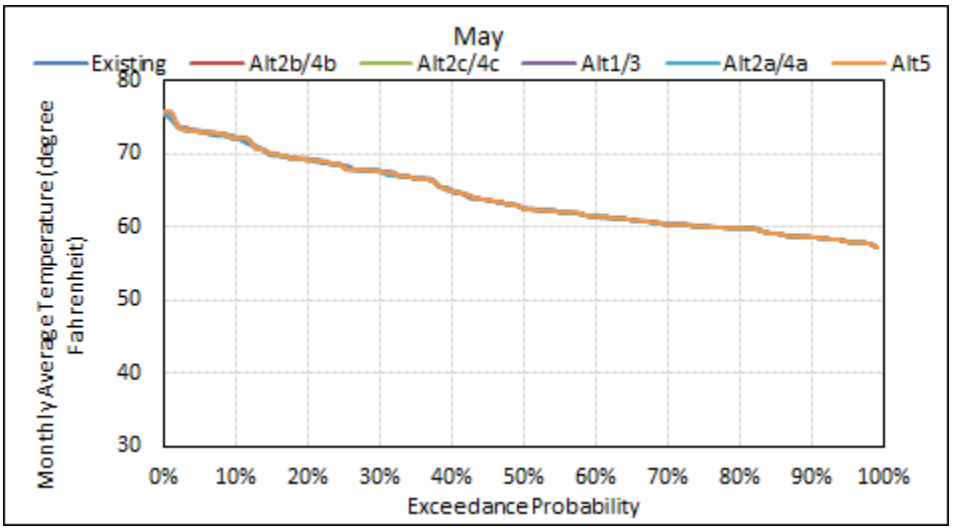


Figure 5A-D1.1.37-C. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





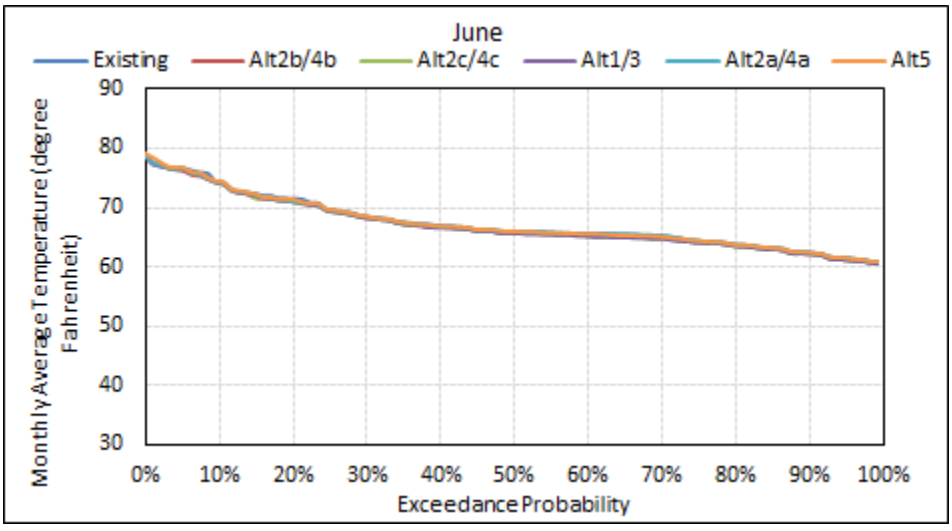
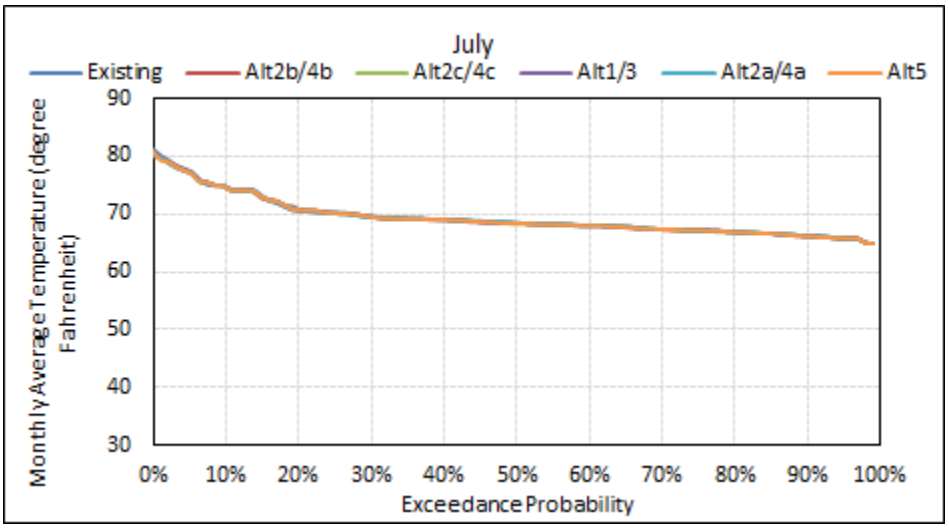
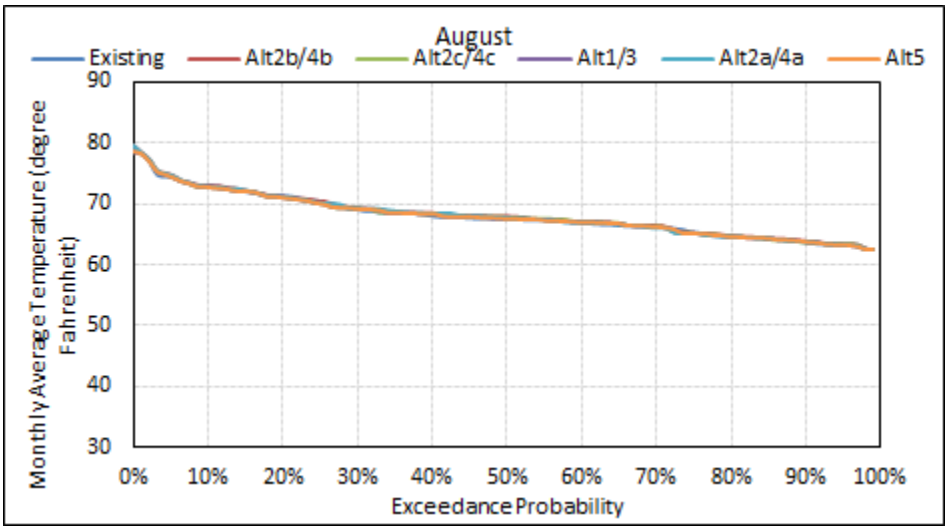


Figure 5A-D1.1.37-D. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





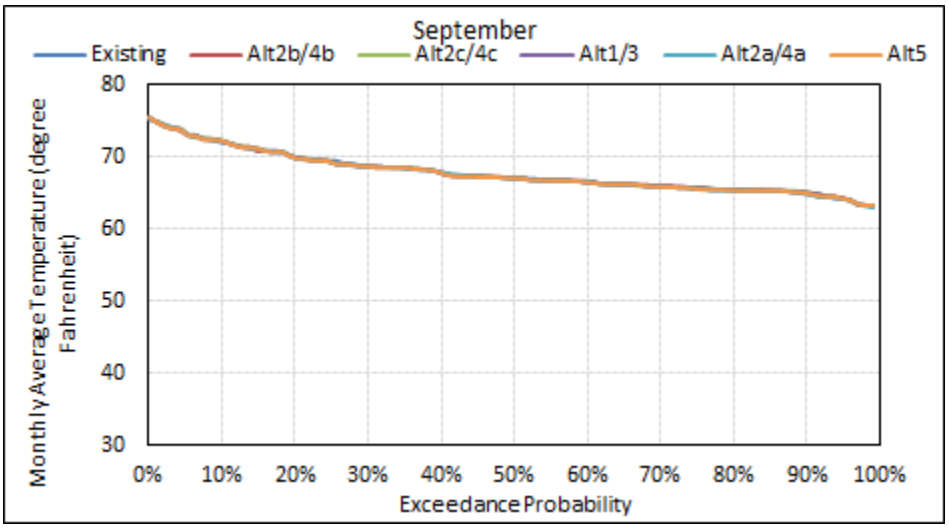


Figure 5A-D1.1.38. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

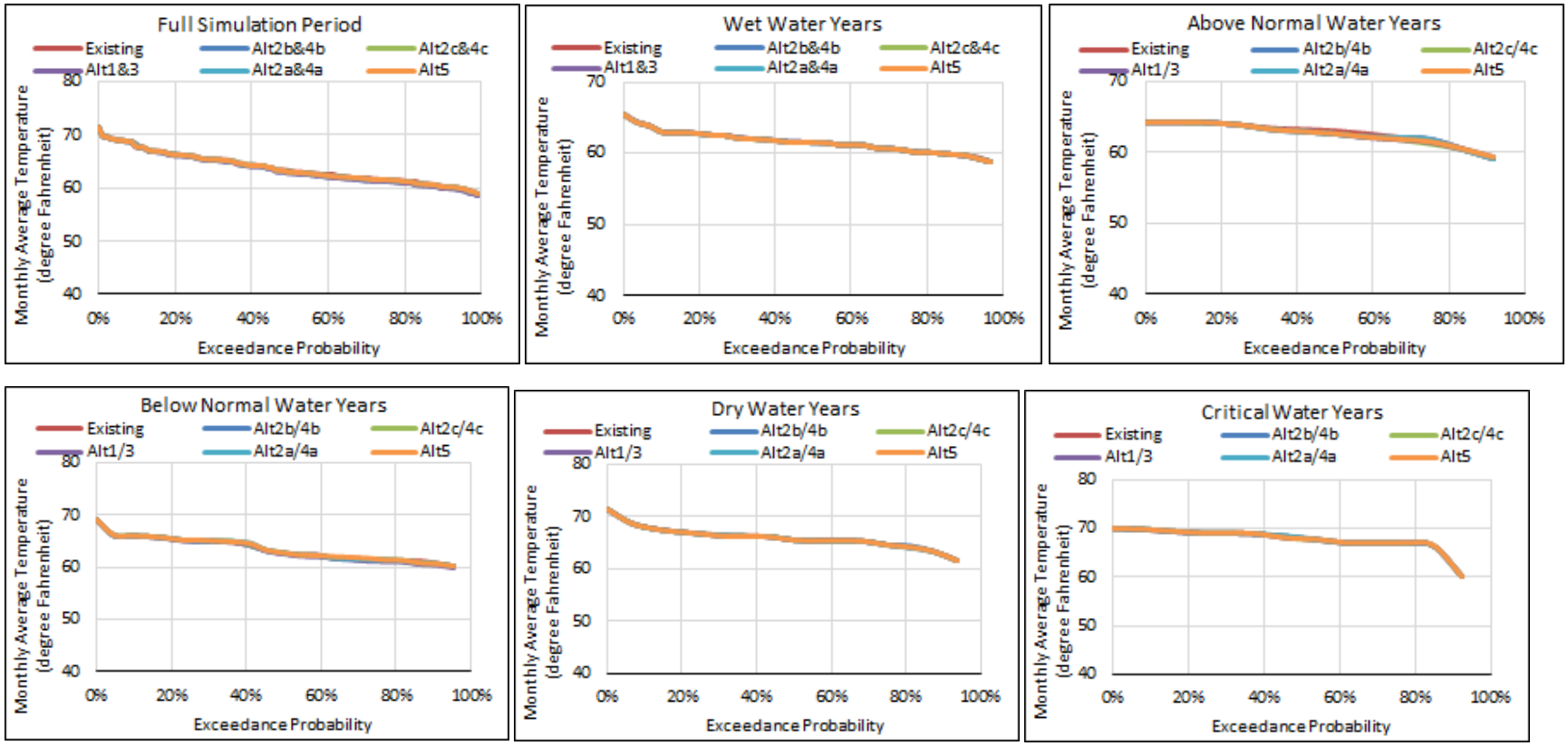


Figure 5A-D1.1.39. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

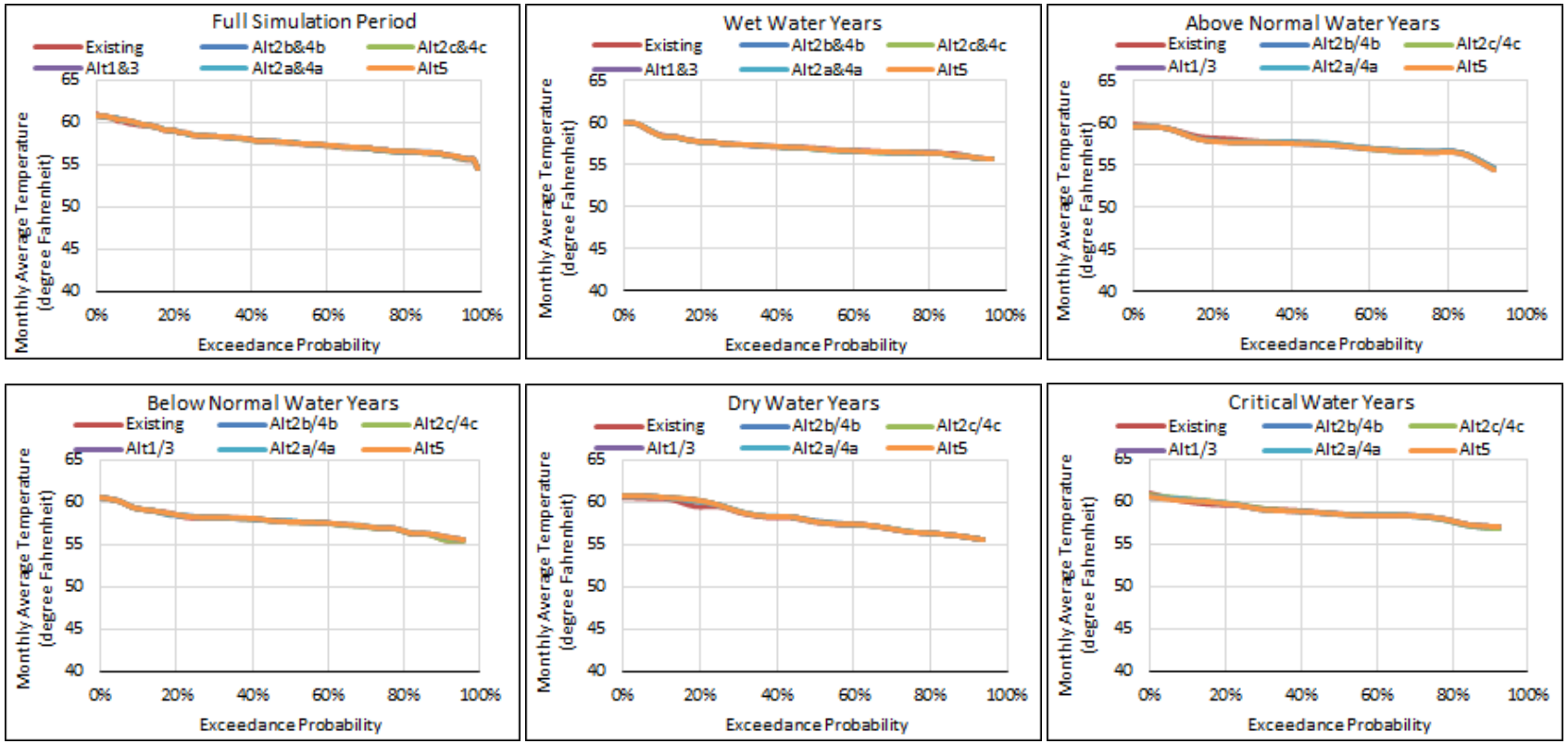


Figure 5A-D1.1.40. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

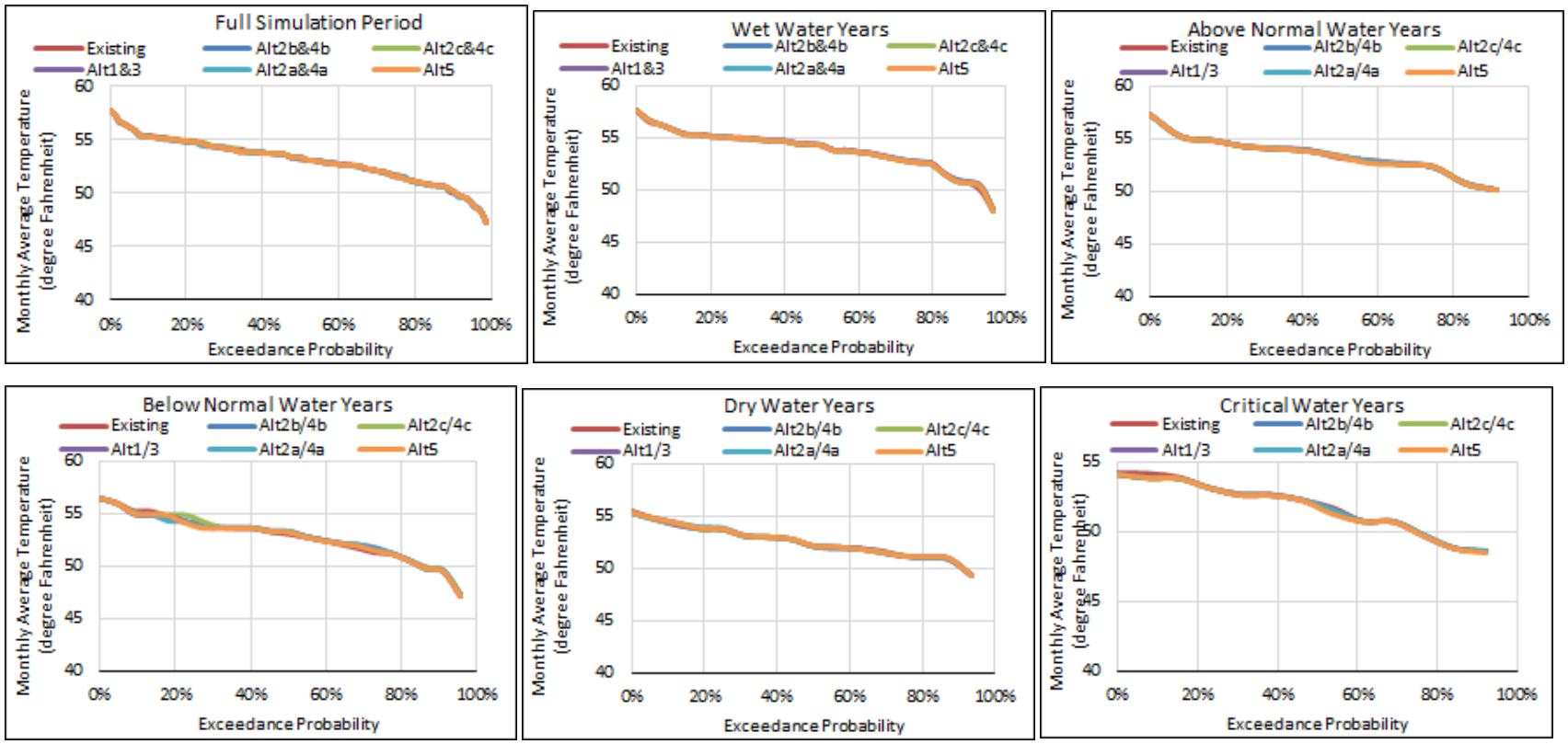


Figure 5A-D1.1.41. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

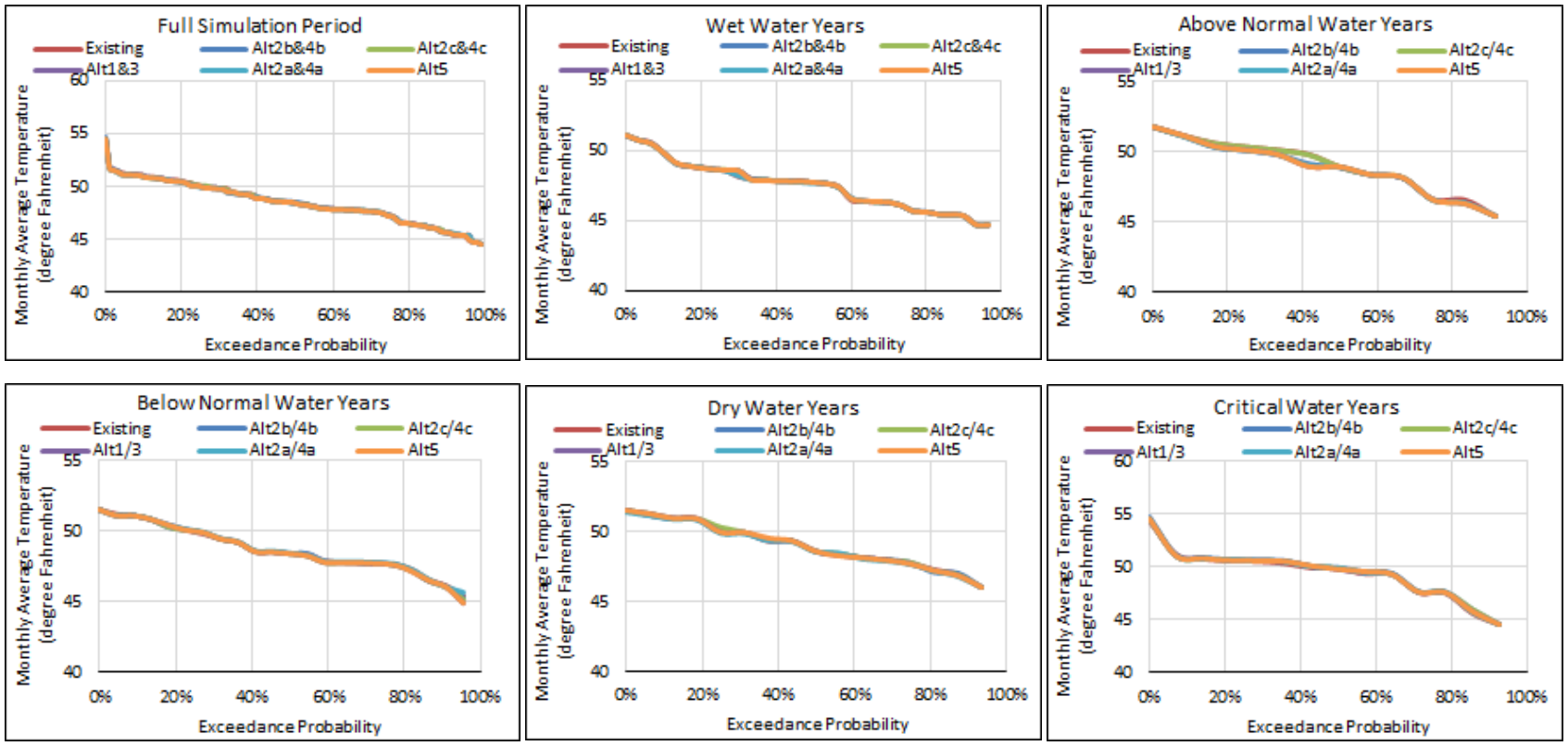


Figure 5A-D1.1.42. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

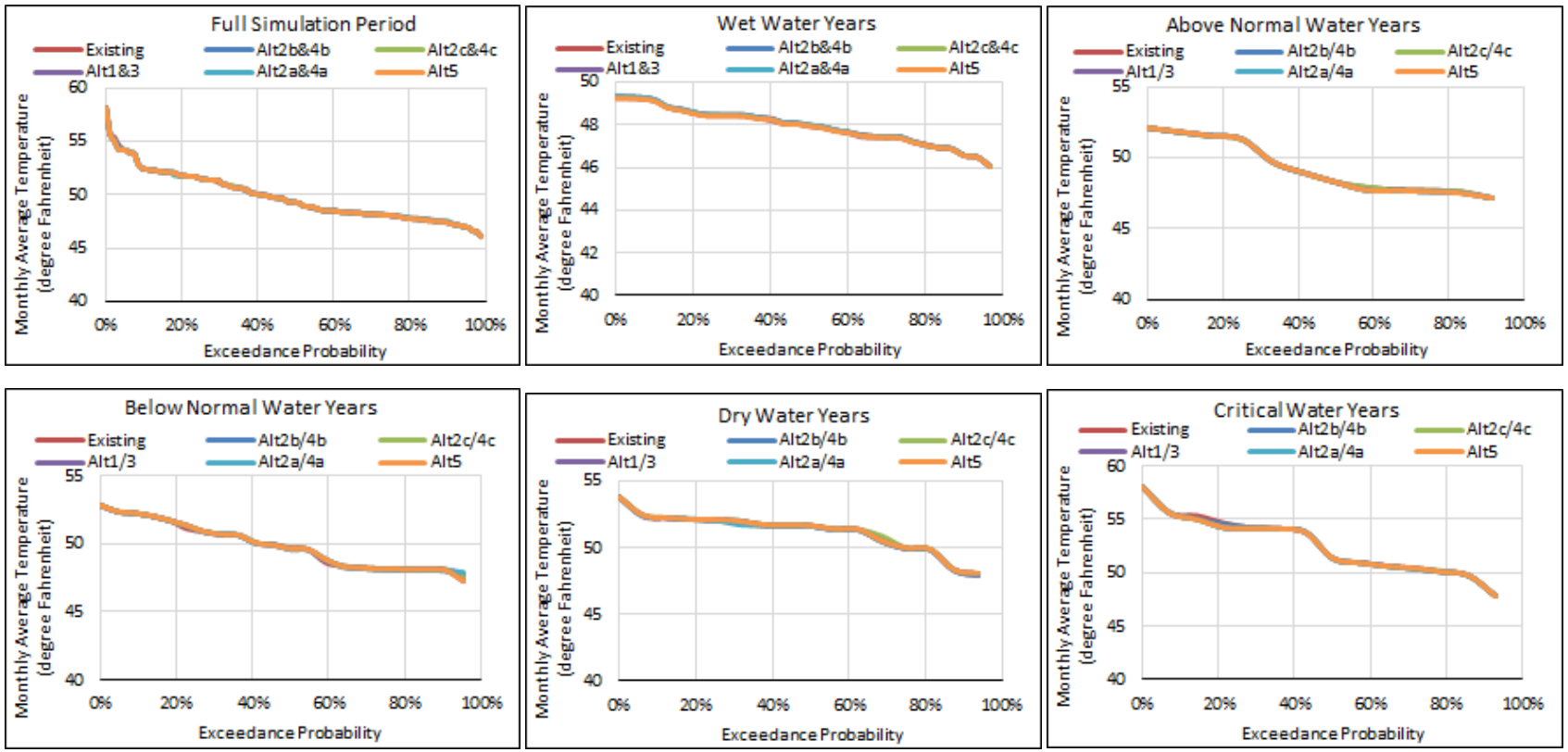


Figure 5A-D1.1.43. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

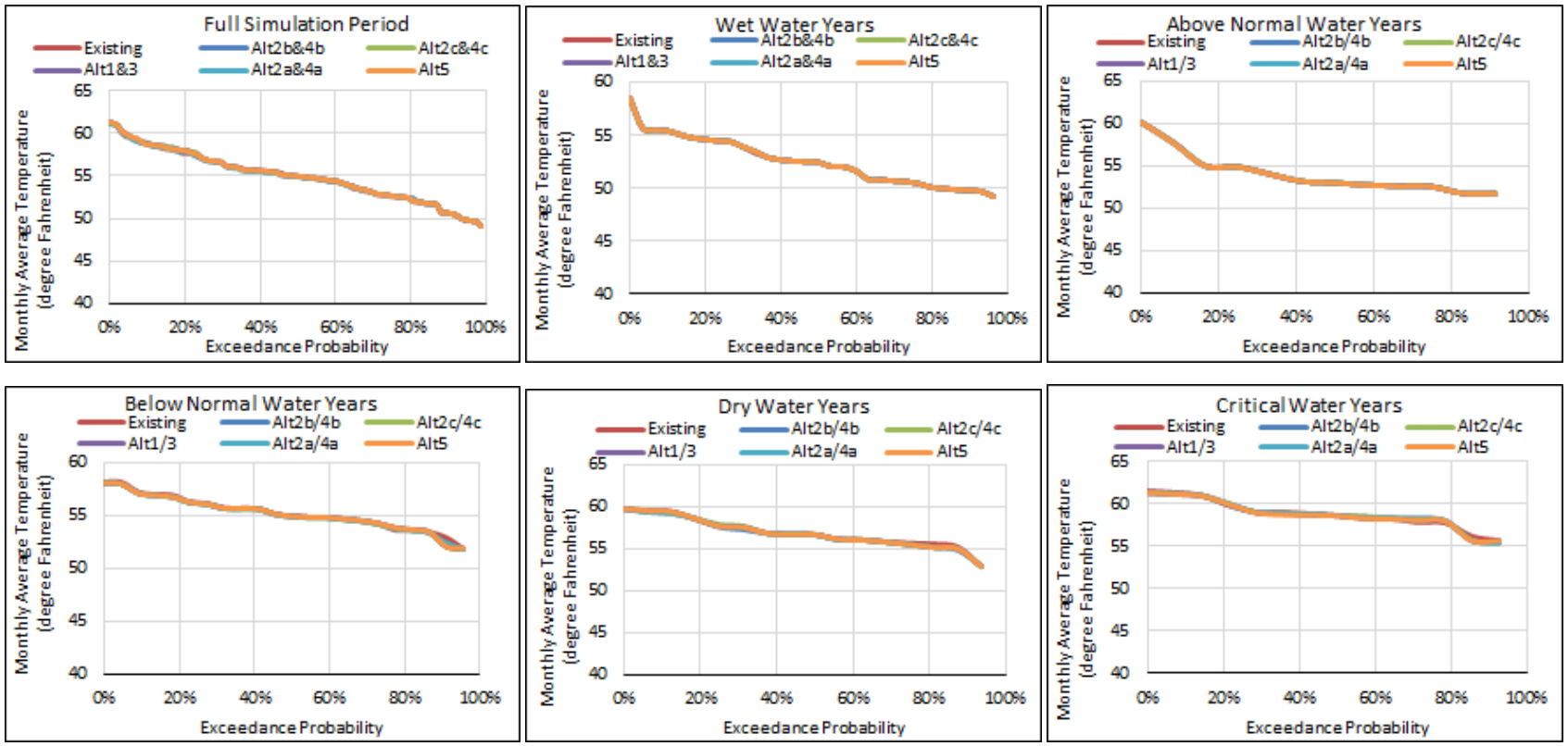


Figure 5A-D1.1.44. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

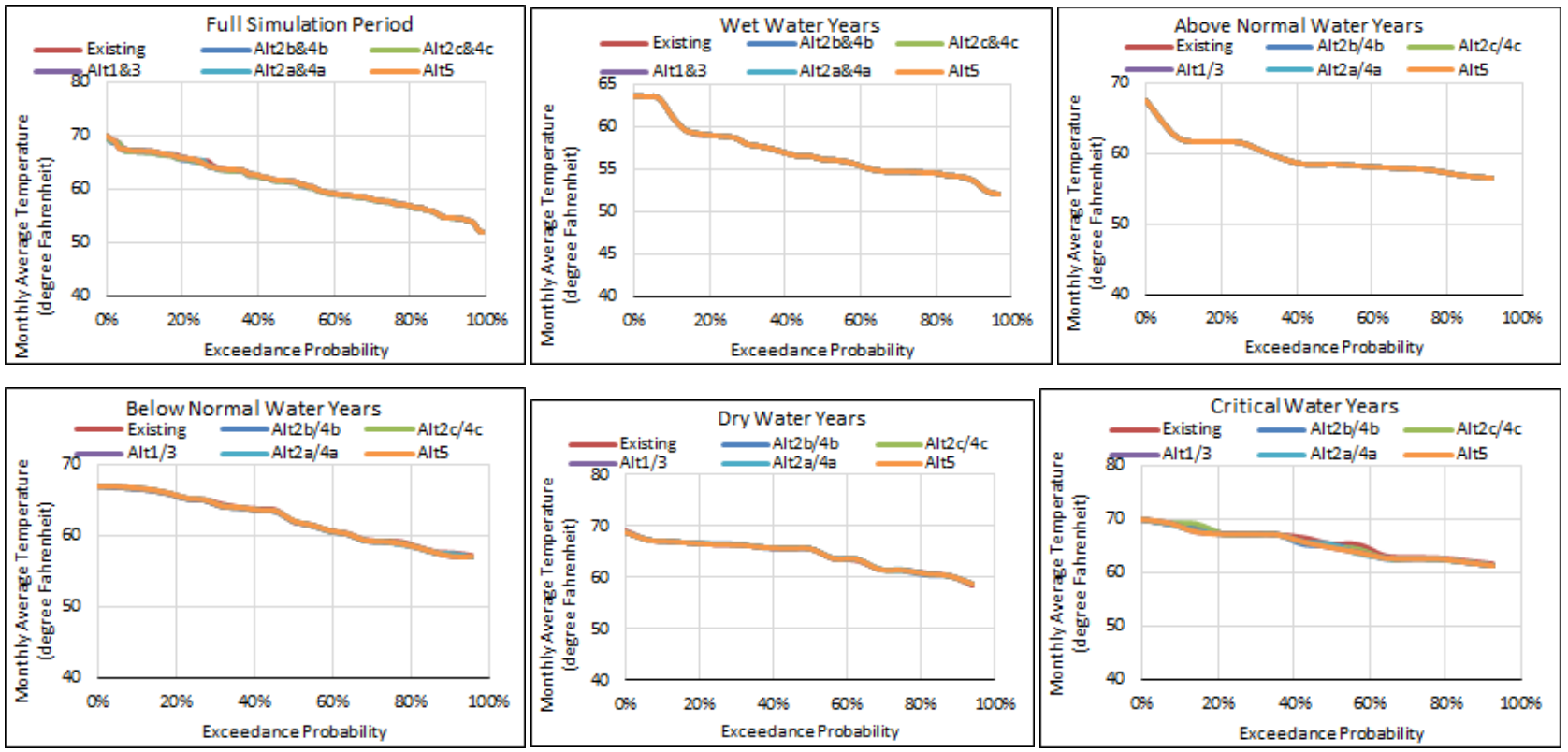


Figure 5A-D1.1.45. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

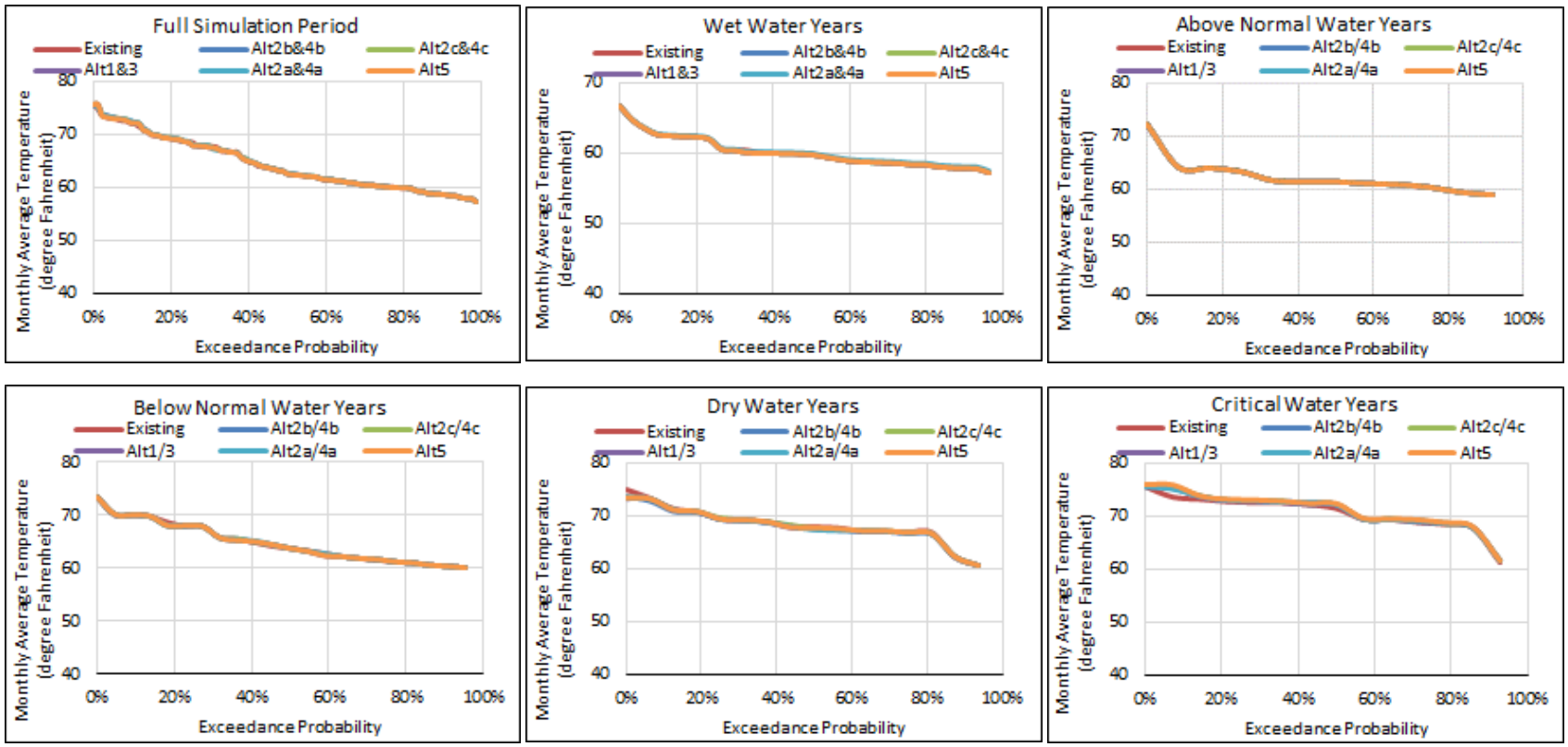


Figure 5A-D1.1.46. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

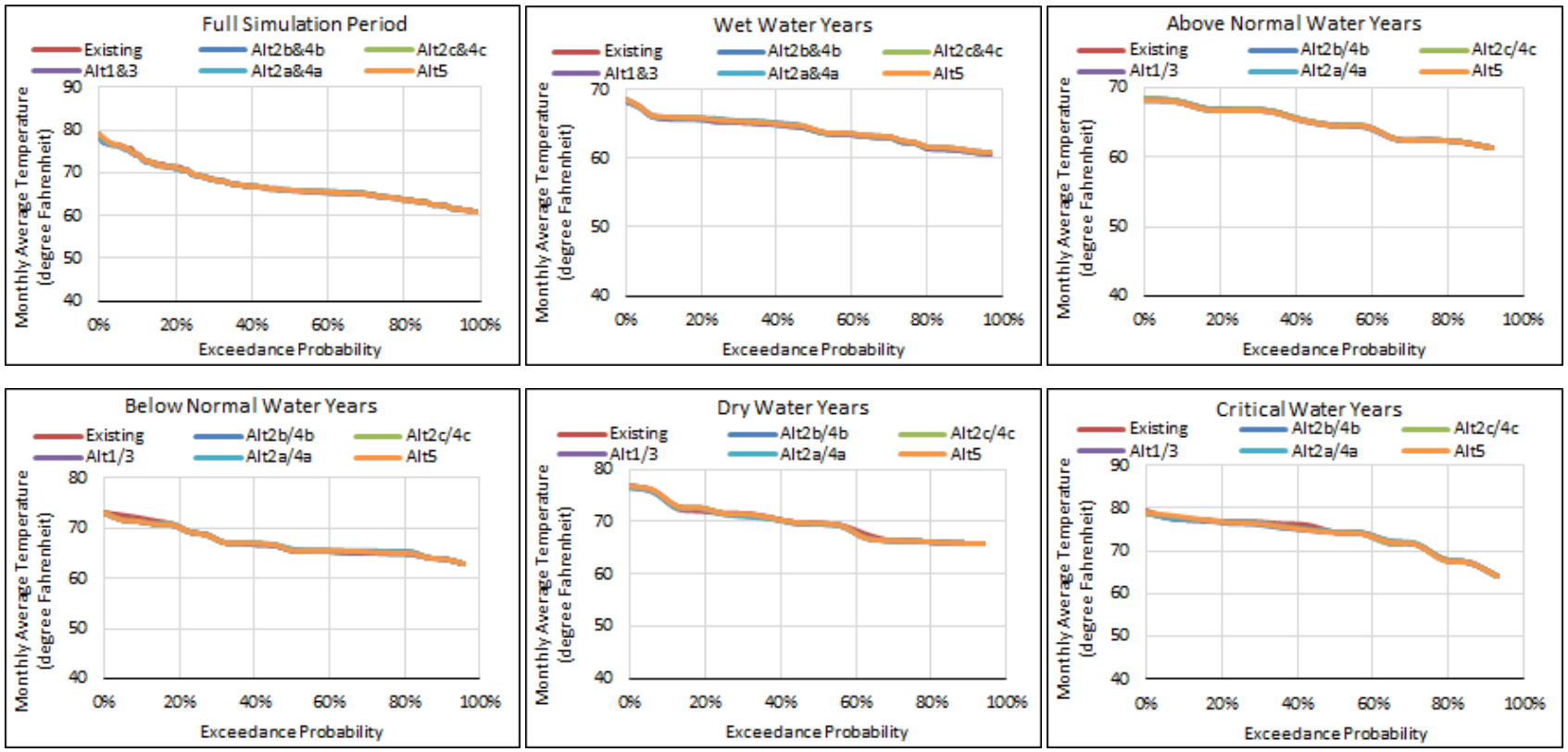


Figure 5A-D1.1.47. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

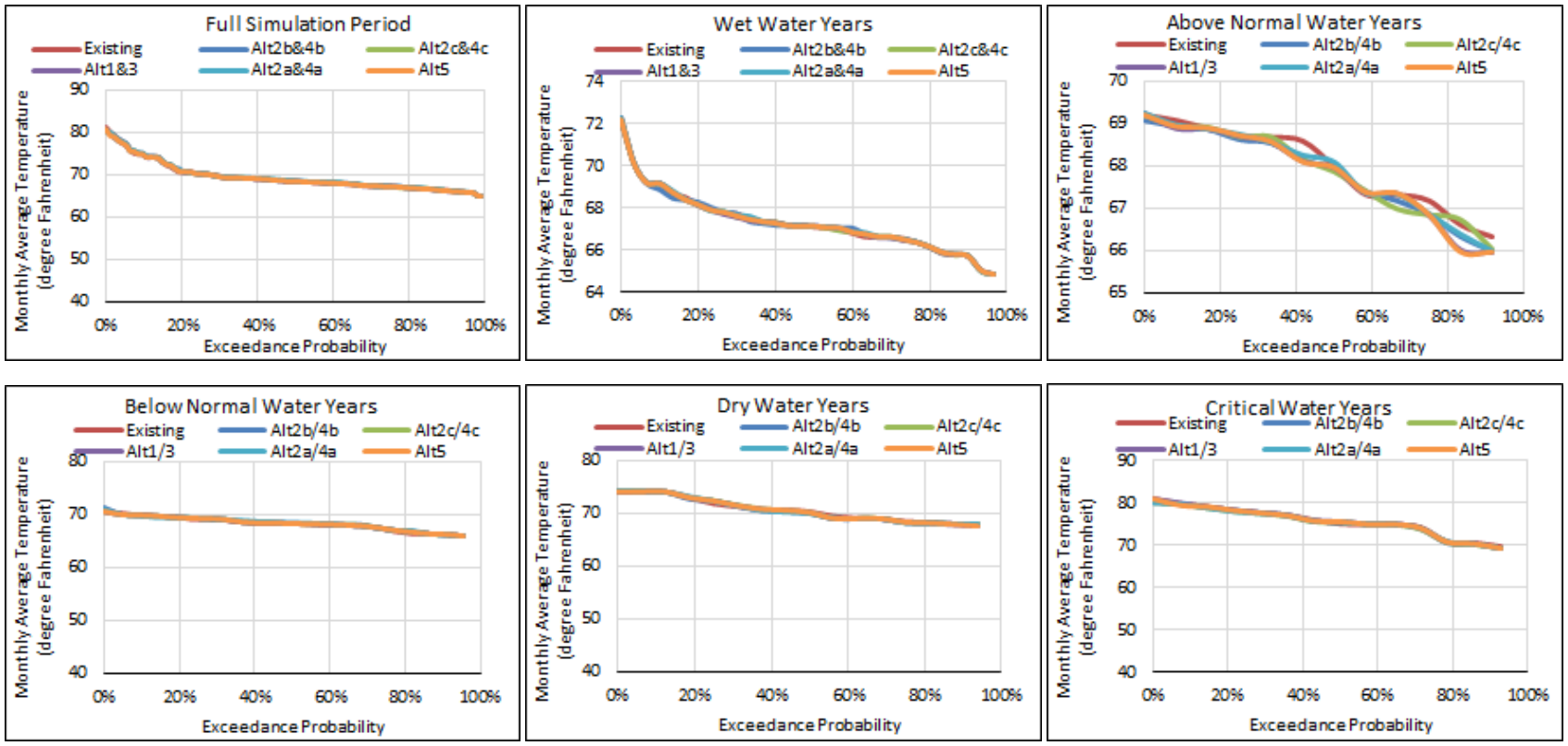


Figure 5A-D1.1.48. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

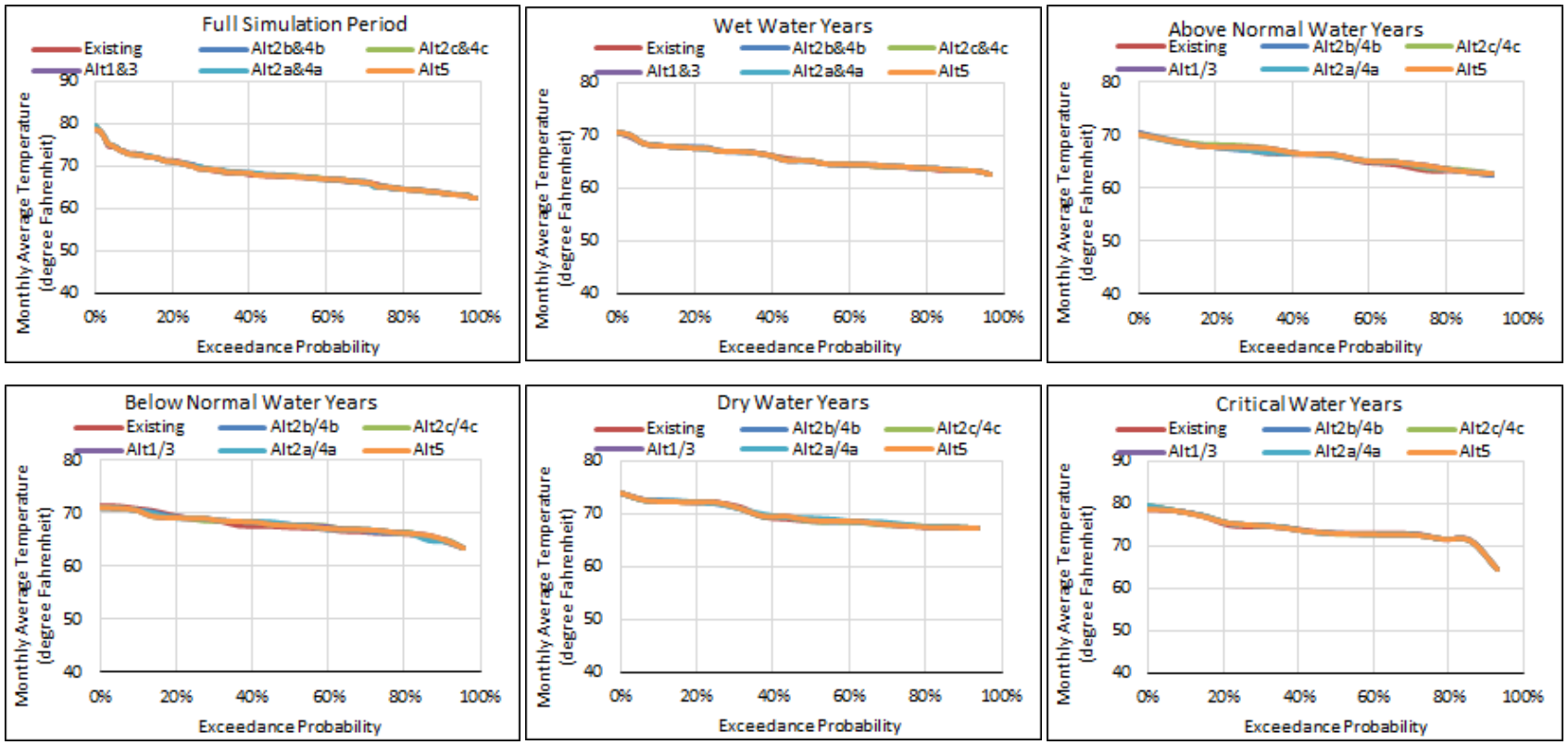
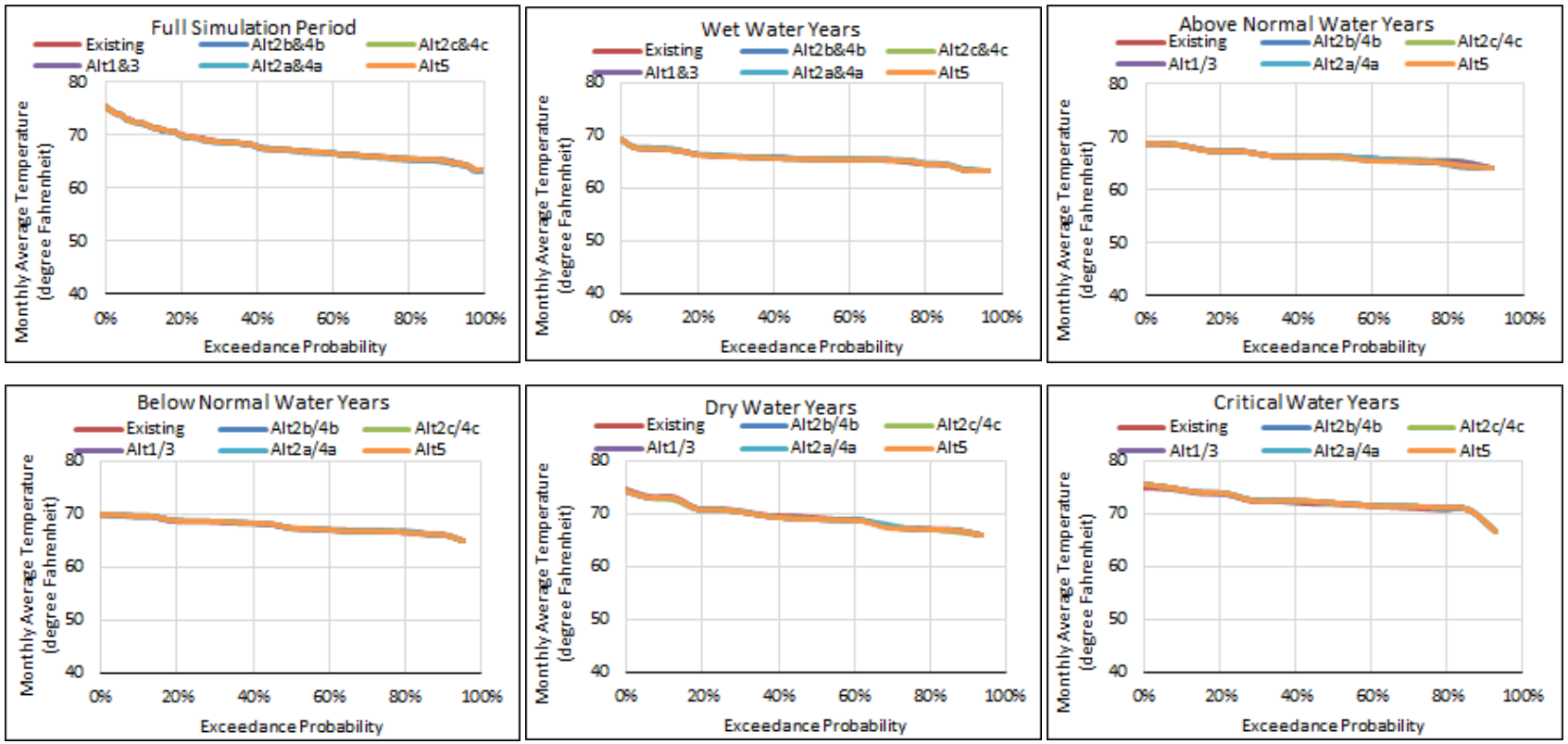


Figure 5A-D1.1.49. American River Above Confluence, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.2 American River Below Folsom Dam

Table 5A-D1.2.1-A. American River Below Folsom, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.7	59.7	57.5	50.8	50.3	53.2	58.0	62.8	64.1	65.6	63.4	66.2
20%	63.8	58.8	56.7	50.3	49.0	51.9	56.5	60.7	62.6	64.4	62.5	64.8
30%	63.3	58.2	56.4	49.6	48.5	51.1	55.6	58.6	61.7	63.3	61.5	63.6
40%	63.1	58.1	55.8	48.7	48.0	50.6	54.9	57.6	61.1	62.7	60.8	62.6
50%	59.5	58.0	55.5	48.3	47.1	50.3	54.0	56.8	60.1	62.3	59.5	61.7
60%	58.5	57.6	54.6	48.0	46.8	49.9	53.3	56.5	59.7	61.2	59.2	61.3
70%	58.4	57.1	53.8	47.4	46.6	49.5	53.0	56.1	59.2	60.1	58.3	60.6
80%	57.5	57.0	52.8	47.1	46.4	49.0	52.4	55.8	58.4	59.7	58.1	59.7
90%	55.9	56.4	51.2	45.8	45.8	48.6	51.6	55.3	58.0	58.9	57.3	58.7

Table 5A-D1.2.1-B. American River Below Folsom, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	60.9	57.8	54.8	48.4	47.7	50.5	54.4	58.1	60.7	62.2	60.1	62.2
Wet Water Years	57.6	57.3	55.3	47.1	46.6	49.5	52.7	56.0	59.1	60.3	58.4	60.0
Above Normal Water Years	59.9	57.9	54.7	48.8	47.6	50.3	53.9	56.8	59.6	60.8	58.6	60.9
Below Normal Water Years	60.9	57.6	54.4	48.8	47.7	50.3	54.7	58.1	60.9	62.5	59.9	62.4
Dry Water Years	64.2	58.4	54.8	49.4	48.6	51.4	55.9	59.6	62.1	63.6	61.9	64.1
Critical Water Years	65.4	58.8	54.1	48.9	48.8	52.3	56.6	61.7	63.2	65.2	63.1	65.6

Table 5A-D1.2.1-C. American River Below Folsom, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.7	59.7	57.3	50.7	50.3	53.1	58.3	62.7	63.8	65.6	63.4	65.9
20%	64.0	58.7	56.8	50.3	49.0	51.9	56.7	60.6	62.4	64.2	62.5	64.8
30%	63.3	58.2	56.3	49.4	48.5	51.0	55.8	58.7	61.6	63.2	61.5	63.6
40%	63.1	58.1	55.8	48.8	48.0	50.6	54.6	57.6	61.1	62.8	60.7	62.6
50%	58.7	58.0	55.4	48.3	47.1	50.3	54.0	56.9	60.1	62.4	59.4	61.8
60%	58.5	57.4	54.8	48.0	46.8	49.9	53.3	56.5	59.7	61.4	59.3	60.8
70%	58.4	57.1	53.7	47.4	46.6	49.5	53.0	56.1	59.0	60.1	58.3	60.4
80%	57.5	57.0	52.9	47.1	46.4	49.0	52.4	55.8	58.3	59.7	57.9	59.7
90%	55.8	56.4	51.2	45.8	45.8	48.6	51.6	55.3	57.9	58.9	57.3	58.8

Table 5A-D1.2.1-D. American River Below Folsom, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	60.9	57.8	54.8	48.4	47.7	50.5	54.5	58.0	60.6	62.1	60.0	62.2
Wet Water Years	57.5	57.3	55.3	47.1	46.6	49.5	52.7	55.9	59.0	60.3	58.4	60.1
Above Normal Water Years	59.8	57.7	54.7	48.6	47.5	50.4	53.9	56.7	59.5	60.9	58.6	60.9
Below Normal Water Years	60.9	57.7	54.4	48.8	47.7	50.3	54.7	58.1	60.7	62.5	59.9	62.3
Dry Water Years	64.2	58.4	54.8	49.4	48.6	51.3	55.9	59.4	62.0	63.6	61.9	64.0
Critical Water Years	65.4	58.8	54.1	49.0	48.9	52.3	56.8	62.0	62.9	65.1	63.0	65.7

Table 5A-D1.2.1-E. American River Below Folsom, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	-0.1	-0.2	0.0	0.0	0.0	0.3	-0.1	-0.3	0.1	0.0	-0.3
20%	0.2	0.0	0.1	0.0	0.0	0.0	0.2	-0.1	-0.2	-0.2	0.0	0.0
30%	0.0	0.0	0.0	-0.2	0.0	-0.1	0.2	0.1	-0.1	0.0	0.0	0.1
40%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.1	-0.1	0.0
50%	-0.8	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
60%	0.0	-0.1	0.2	0.0	0.0	0.1	0.0	0.0	-0.1	0.2	0.0	-0.5
70%	0.0	0.0	-0.2	0.0	0.1	0.0	0.0	0.0	-0.2	0.0	0.0	-0.2
80%	0.0	0.0	0.2	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0
90%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0

Table 5A-D1.2.1-F. American River Below Folsom, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	-0.1
Dry Water Years	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.3	-0.3	-0.1	0.0	0.1

Table 5A-D1.2.1-G. American River Below Folsom, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	-0.1%	-0.4%	-0.1%	0.0%	-0.1%	0.5%	-0.1%	-0.5%	0.1%	0.0%	-0.4%
20%	0.3%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.3%	-0.2%	-0.3%	-0.3%	0.0%	0.0%
30%	0.0%	0.0%	-0.1%	-0.4%	0.0%	-0.2%	0.4%	0.1%	-0.2%	0.0%	0.0%	0.1%
40%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.1%	-0.1%	0.2%	-0.1%	0.0%
50%	-1.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.1%
60%	0.0%	-0.2%	0.3%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.3%	0.0%	-0.8%
70%	0.0%	0.0%	-0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.0%	-0.4%
80%	0.0%	-0.1%	0.3%	-0.1%	0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	-0.3%	0.0%
90%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%

Table 5A-D1.2.1-H. American River Below Folsom, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.0%	-0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.3%	-0.2%	0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.1%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.4%	-0.1%	0.0%	0.0%	-0.1%
Critical Water Years	0.0%	0.0%	-0.1%	0.2%	0.2%	0.0%	0.4%	0.5%	-0.4%	-0.1%	-0.1%	0.1%

Table 5A-D1.2.2-A. American River Below Folsom, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	67.0	59.7	57.4	50.7	50.3	53.2	58.2	62.7	63.8	65.6	63.4	66.2
20%	63.8	58.7	56.9	50.3	49.0	51.8	56.7	60.6	62.5	64.0	62.5	64.8
30%	63.3	58.2	56.4	49.7	48.5	51.0	55.8	58.7	61.6	63.3	61.5	63.5
40%	63.1	58.1	55.8	48.8	48.0	50.6	54.6	57.5	61.1	62.7	60.7	62.6
50%	58.7	58.0	55.6	48.3	47.2	50.3	54.0	56.8	60.1	62.3	59.5	61.7
60%	58.5	57.4	54.6	48.0	46.8	49.9	53.3	56.5	59.7	61.4	59.3	60.8
70%	58.4	57.1	53.8	47.4	46.7	49.5	53.0	56.1	59.0	60.0	58.4	60.3
80%	57.5	57.0	52.9	47.0	46.4	49.0	52.4	55.8	58.3	59.7	57.9	59.7
90%	55.8	56.4	51.2	45.9	45.8	48.6	51.6	55.3	57.9	58.9	57.3	58.8

Table 5A-D1.2.2-B. American River Below Folsom, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	60.9	57.8	54.8	48.4	47.7	50.5	54.5	58.0	60.6	62.1	60.1	62.2
Wet Water Years	57.5	57.3	55.3	47.1	46.6	49.5	52.7	55.9	59.0	60.2	58.4	60.1
Above Normal Water Years	59.8	57.7	54.8	48.8	47.6	50.4	53.9	56.7	59.5	60.9	58.6	60.9
Below Normal Water Years	60.9	57.6	54.5	48.8	47.7	50.3	54.7	58.1	60.6	62.4	59.9	62.3
Dry Water Years	64.3	58.4	54.9	49.5	48.6	51.4	55.9	59.3	62.1	63.6	61.9	63.9
Critical Water Years	65.4	58.8	54.1	49.0	49.0	52.3	56.9	61.9	63.0	65.0	63.0	65.8

Table 5A-D1.2.2-C. American River Below Folsom, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2	-0.1	-0.1	0.0	0.0	0.0	0.1	-0.1	-0.3	0.0	-0.1	0.0
20%	0.1	0.0	0.2	0.0	0.0	-0.1	0.2	-0.1	-0.1	-0.3	0.0	0.0
30%	0.0	0.0	0.0	0.1	0.0	-0.1	0.2	0.1	-0.1	0.0	0.0	-0.1
40%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.1	0.0
50%	-0.8	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	-0.2	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.2	0.0	-0.4
70%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	-0.1	0.0	-0.3
80%	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	-0.2	0.0	-0.2	0.0
90%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0

Table 5A-D1.2.2-D. American River Below Folsom, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.3	0.0	0.0	0.0	-0.2
Critical Water Years	0.0	0.0	-0.1	0.1	0.1	0.0	0.4	0.2	-0.2	-0.1	-0.1	0.1

Table 5A-D1.2.2-E. American River Below Folsom, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.3%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.2%	-0.2%	-0.5%	0.0%	-0.1%	0.0%
20%	0.1%	-0.1%	0.4%	0.0%	0.0%	-0.2%	0.3%	-0.2%	-0.1%	-0.5%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.2%	0.4%	0.1%	-0.1%	0.0%	0.0%	-0.1%
40%	0.0%	0.0%	0.1%	0.1%	-0.1%	-0.1%	-0.4%	-0.1%	0.0%	0.0%	-0.1%	0.0%
50%	-1.3%	0.0%	0.3%	0.0%	0.2%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%
60%	0.0%	-0.3%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.1%	0.3%	0.1%	-0.7%
70%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.0%	-0.5%
80%	0.0%	-0.1%	0.2%	-0.2%	0.1%	0.0%	-0.1%	0.0%	-0.3%	0.0%	-0.3%	0.0%
90%	-0.2%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%

Table 5A-D1.2.2-F. American River Below Folsom, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	-0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	-0.1%	-0.2%	-0.1%	0.0%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.3%	-0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	-0.1%	-0.1%	-0.1%
Dry Water Years	0.1%	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	-0.6%	-0.1%	0.0%	0.0%	-0.2%
Critical Water Years	0.0%	-0.1%	-0.1%	0.2%	0.2%	0.0%	0.6%	0.4%	-0.3%	-0.2%	-0.2%	0.2%

Table 5A-D1.2.3-A. American River Below Folsom, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.8	59.6	57.4	50.8	50.2	53.1	58.2	62.8	63.8	65.6	63.4	66.3
20%	63.8	58.7	56.8	50.3	49.0	51.8	56.6	60.5	62.5	64.2	62.5	64.8
30%	63.3	58.2	56.3	49.4	48.5	51.1	55.8	58.7	61.6	63.3	61.5	63.5
40%	63.1	58.1	55.8	48.7	48.0	50.6	54.6	57.5	61.1	62.7	60.7	62.6
50%	58.7	58.0	55.4	48.3	47.1	50.3	54.0	56.8	60.0	62.3	59.5	61.7
60%	58.5	57.4	54.6	48.0	46.8	49.9	53.3	56.5	59.6	61.3	59.3	60.8
70%	58.4	57.1	53.8	47.4	46.6	49.5	53.0	56.1	58.9	60.0	58.3	60.2
80%	57.5	57.0	52.8	47.0	46.4	49.0	52.3	55.8	58.3	59.7	57.9	59.7
90%	55.8	56.5	51.2	45.8	45.8	48.6	51.6	55.3	57.9	58.9	57.3	58.8

Table 5A-D1.2.3-B. American River Below Folsom, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	60.9	57.8	54.8	48.4	47.7	50.5	54.5	58.0	60.5	62.1	60.1	62.2
Wet Water Years	57.5	57.3	55.3	47.1	46.6	49.5	52.7	55.9	59.0	60.2	58.4	60.1
Above Normal Water Years	59.7	57.7	54.7	48.6	47.5	50.4	53.9	56.7	59.5	60.8	58.6	60.9
Below Normal Water Years	60.9	57.6	54.4	48.8	47.7	50.3	54.7	58.1	60.6	62.4	59.9	62.3
Dry Water Years	64.2	58.4	54.8	49.4	48.6	51.4	55.9	59.3	62.0	63.6	61.9	64.0
Critical Water Years	65.4	58.7	54.0	49.0	48.9	52.3	56.9	62.0	63.1	65.1	63.0	65.8

Table 5A-D1.2.3-C. American River Below Folsom, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	-0.1	-0.1	0.0	0.0	-0.1	0.2	0.0	-0.3	0.1	-0.1	0.1
20%	0.0	0.0	0.1	0.0	0.0	-0.1	0.1	-0.1	0.0	-0.2	0.0	0.0
30%	0.0	0.0	-0.1	-0.2	0.0	0.0	0.2	0.0	-0.1	0.1	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.1	0.0
50%	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0
60%	0.0	-0.2	0.0	0.0	0.0	0.1	0.0	0.0	-0.2	0.0	0.1	-0.4
70%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	-0.1	0.0	-0.4
80%	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.2	0.0
90%	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0

Table 5A-D1.2.3-D. American River Below Folsom, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.1	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	-0.1	-0.1	0.1	0.1	0.0	0.3	0.3	-0.1	-0.1	-0.1	0.1

Table 5A-D1.2.3-E. American River Below Folsom, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	-0.2%	-0.2%	0.0%	0.0%	-0.1%	0.3%	0.0%	-0.5%	0.1%	-0.1%	0.2%
20%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.2%	-0.2%	0.0%	-0.3%	0.0%	0.1%
30%	0.0%	0.0%	-0.1%	-0.4%	0.0%	0.0%	0.4%	0.1%	-0.1%	0.1%	0.0%	-0.1%
40%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.4%	-0.1%	0.0%	0.0%	-0.1%	0.0%
50%	-1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	-0.1%	0.0%	-0.1%
60%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.3%	0.1%	0.1%	-0.7%
70%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.0%	-0.6%
80%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.0%	-0.2%	0.0%	-0.2%	0.0%	-0.3%	0.0%
90%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%

Table 5A-D1.2.3-F. American River Below Folsom, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.2%	-0.1%	0.0%	0.0%
Wet Water Years	0.0%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.3%	-0.2%	0.1%	-0.4%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.4%	-0.1%	-0.1%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.6%	-0.1%	0.0%	0.0%	-0.2%
Critical Water Years	0.0%	-0.1%	-0.1%	0.2%	0.1%	0.0%	0.6%	0.4%	-0.2%	-0.1%	-0.2%	0.2%

Table 5A-D1.2.4-A. American River Below Folsom, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.8	59.7	57.4	50.8	50.3	53.1	58.2	62.8	63.9	65.7	63.4	66.1
20%	63.9	58.8	56.8	50.3	49.0	51.8	56.7	60.6	62.3	64.4	62.5	65.1
30%	63.3	58.2	56.3	49.4	48.5	51.0	55.8	58.7	61.6	63.4	61.6	63.5
40%	63.1	58.0	55.8	48.7	48.0	50.6	54.6	57.6	61.1	62.6	60.7	62.6
50%	58.8	58.0	55.4	48.3	47.1	50.3	54.0	56.8	60.2	62.3	59.5	61.7
60%	58.5	57.4	54.6	48.0	46.8	49.9	53.3	56.5	59.7	61.4	59.3	61.0
70%	58.4	57.1	53.8	47.5	46.6	49.5	53.0	56.1	59.0	60.0	58.4	60.6
80%	57.5	57.0	52.9	47.1	46.4	49.0	52.4	55.8	58.4	59.7	57.9	59.7
90%	55.8	56.4	51.2	45.8	45.8	48.6	51.6	55.3	58.0	58.9	57.3	58.7

Table 5A-D1.2.4-B. American River Below Folsom, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	60.9	57.8	54.7	48.4	47.7	50.5	54.5	58.0	60.6	62.1	60.1	62.2
Wet Water Years	57.5	57.3	55.3	47.1	46.6	49.5	52.7	55.9	59.1	60.2	58.4	60.1
Above Normal Water Years	59.8	57.8	54.7	48.6	47.5	50.3	53.9	56.8	59.5	60.9	58.6	60.9
Below Normal Water Years	60.9	57.7	54.3	48.8	47.7	50.3	54.7	58.1	60.8	62.5	60.0	62.4
Dry Water Years	64.3	58.4	54.8	49.4	48.6	51.3	55.9	59.2	62.1	63.6	61.9	64.0
Critical Water Years	65.4	58.7	54.1	49.0	48.9	52.3	56.9	62.0	63.0	65.1	63.0	65.8

Table 5A-D1.2.4-C. American River Below Folsom, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	-0.1	-0.1	0.0	0.0	-0.1	0.2	0.0	-0.3	0.1	-0.1	-0.1
20%	0.1	0.0	0.1	0.0	0.0	0.0	0.2	-0.1	-0.2	0.0	0.0	0.3
30%	0.0	0.0	0.0	-0.2	0.0	-0.1	0.2	0.0	-0.1	0.1	0.1	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	-0.1	0.0	0.0
50%	-0.7	0.0	-0.1	-0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
60%	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.1	-0.2
70%	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0
80%	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%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.2.4-D. American River Below Folsom, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.0
Critical Water Years	0.0	-0.1	-0.1	0.1	0.1	0.0	0.3	0.3	-0.2	-0.1	-0.1	0.1

Table 5A-D1.2.4-E. American River Below Folsom, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.2%	0.3%	-0.1%	-0.4%	0.2%	-0.1%	-0.2%
20%	0.2%	0.0%	0.2%	0.1%	0.0%	-0.1%	0.4%	-0.2%	-0.3%	0.0%	0.0%	0.5%
30%	0.0%	0.1%	-0.1%	-0.4%	0.0%	-0.2%	0.4%	0.1%	-0.2%	0.2%	0.1%	-0.1%
40%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.5%	0.0%	0.0%	-0.1%	-0.1%	0.0%
50%	-1.2%	0.0%	-0.2%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
60%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.3%	0.1%	-0.4%
70%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	-0.1%
80%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
90%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.2.4-F. American River Below Folsom, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.2%	-0.1%	0.1%	-0.4%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	-0.1%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.6%	-0.1%	0.0%	0.0%	-0.1%
Critical Water Years	0.0%	-0.1%	-0.1%	0.2%	0.1%	-0.1%	0.5%	0.5%	-0.2%	-0.1%	-0.2%	0.2%

Table 5A-D1.2.5-A. American River Below Folsom, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.8	59.6	57.4	50.8	50.2	53.1	58.2	62.8	64.0	65.6	63.4	66.2
20%	63.8	58.7	56.8	50.3	49.0	51.8	56.6	60.6	62.6	64.2	62.5	64.8
30%	63.3	58.2	56.3	49.4	48.5	51.1	55.8	58.7	61.6	63.3	61.5	63.5
40%	63.1	58.1	55.8	48.7	48.0	50.6	54.6	57.6	61.1	62.7	60.6	62.6
50%	58.7	58.0	55.4	48.3	47.1	50.3	54.0	56.8	60.1	62.3	59.5	61.7
60%	58.5	57.4	54.6	48.0	46.8	49.9	53.3	56.5	59.7	61.2	59.3	60.8
70%	58.4	57.1	53.8	47.4	46.6	49.5	53.0	56.1	59.0	60.0	58.3	60.2
80%	57.5	57.0	52.9	47.0	46.4	49.0	52.3	55.8	58.3	59.7	57.9	59.7
90%	55.8	56.5	51.2	45.9	45.8	48.6	51.6	55.3	58.0	58.9	57.3	58.8

Table 5A-D1.2.5-B. American River Below Folsom, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	60.9	57.8	54.8	48.4	47.7	50.5	54.5	58.0	60.6	62.1	60.1	62.2
Wet Water Years	57.5	57.3	55.3	47.1	46.6	49.5	52.7	55.9	59.0	60.2	58.4	60.1
Above Normal Water Years	59.7	57.7	54.7	48.6	47.5	50.3	53.9	56.8	59.6	60.9	58.6	60.9
Below Normal Water Years	60.9	57.6	54.4	48.7	47.7	50.3	54.7	58.1	60.7	62.4	59.9	62.3
Dry Water Years	64.2	58.4	54.8	49.4	48.6	51.4	55.9	59.3	62.0	63.6	61.9	64.0
Critical Water Years	65.4	58.7	54.1	49.0	48.9	52.3	56.9	62.1	63.4	65.0	63.0	65.8

Table 5A-D1.2.5-C. American River Below Folsom, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	-0.2	-0.1	0.0	0.0	0.0	0.2	0.0	-0.1	0.0	-0.1	0.0
20%	0.0	0.0	0.1	0.0	0.0	-0.1	0.1	-0.1	0.0	-0.2	0.0	0.0
30%	0.0	0.0	-0.1	-0.2	0.0	0.0	0.2	0.0	-0.1	0.1	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.1	0.0
50%	-0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
60%	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.4
70%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	-0.1	0.0	-0.4
80%	0.0	0.0	0.1	-0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.0
90%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.2.5-D. American River Below Folsom, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	-0.1
Dry Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	-0.1	0.0	0.1	0.1	0.0	0.3	0.4	0.2	-0.1	-0.1	0.1

Table 5A-D1.2.5-E. American River Below Folsom, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	-0.3%	-0.2%	0.0%	0.0%	-0.1%	0.3%	0.0%	-0.1%	0.1%	-0.1%	-0.1%
20%	0.1%	0.0%	0.2%	0.1%	-0.1%	-0.2%	0.2%	-0.2%	0.1%	-0.3%	0.0%	0.1%
30%	0.0%	0.0%	-0.1%	-0.4%	0.0%	0.0%	0.4%	0.1%	-0.1%	0.1%	0.0%	0.0%
40%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.4%	-0.1%	0.0%	0.0%	-0.2%	0.0%
50%	-1.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%
60%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.7%
70%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.3%	-0.2%	0.0%	-0.6%
80%	0.0%	0.0%	0.3%	-0.3%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.0%	-0.2%	0.0%
90%	-0.2%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%

Table 5A-D1.2.5-F. American River Below Folsom, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.3%	-0.2%	0.0%	-0.4%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Below Normal Water Years	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	-0.2%	-0.1%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.6%	-0.1%	0.0%	0.0%	-0.2%
Critical Water Years	0.0%	-0.2%	-0.1%	0.2%	0.1%	-0.1%	0.6%	0.6%	0.3%	-0.2%	-0.2%	0.2%

Figure 5A-D1.2.1. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

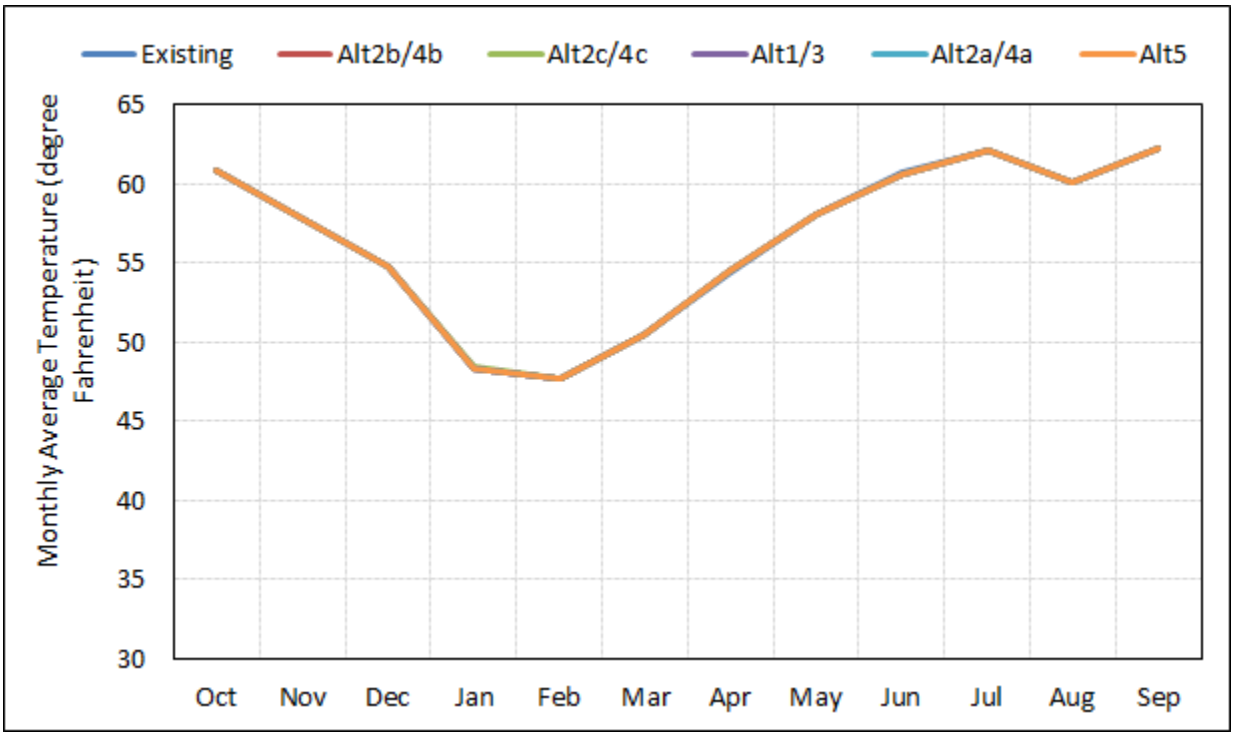


Figure 5A-D1.2.2. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

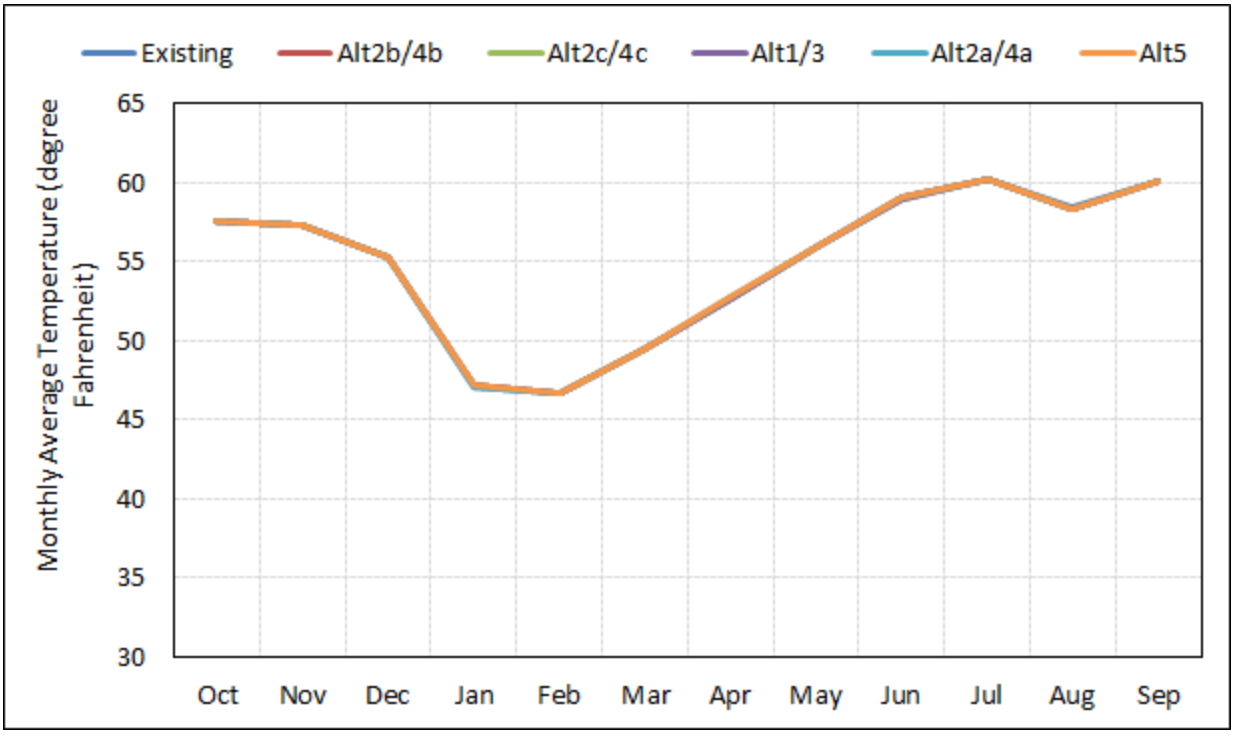


Figure 5A-D1.2.3. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

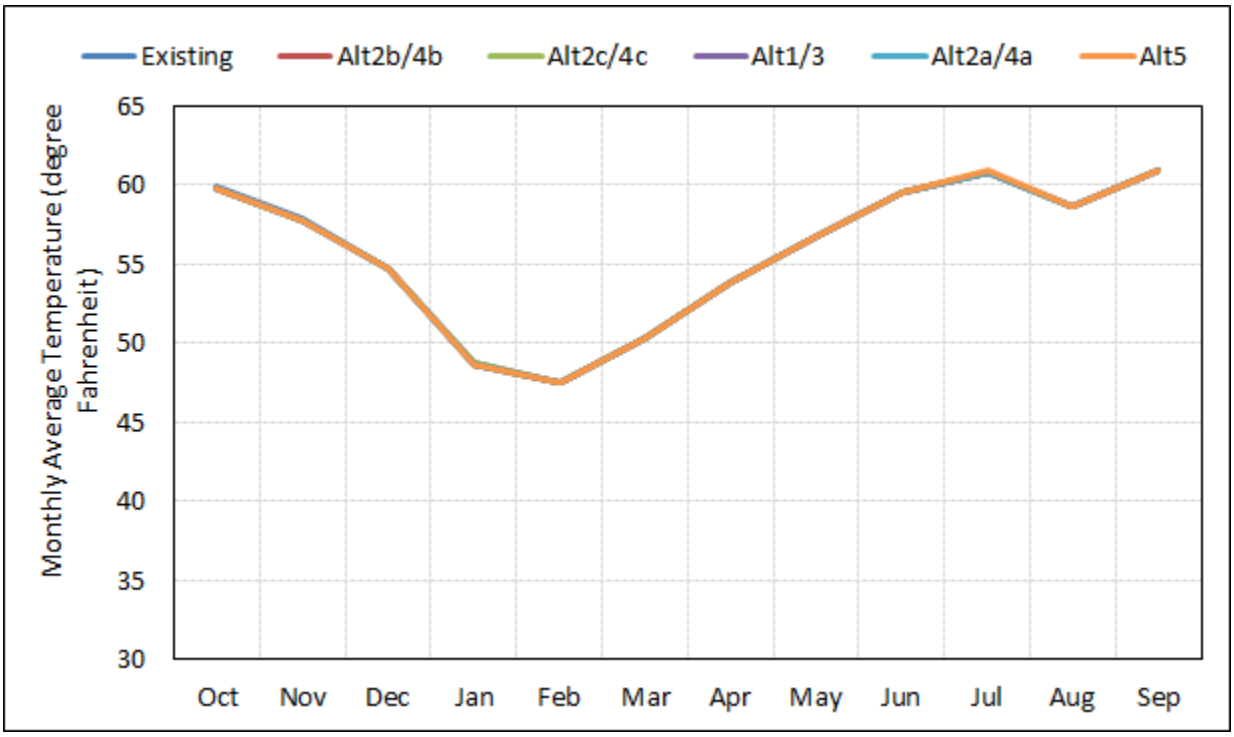


Figure 5A-D1.2.4. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

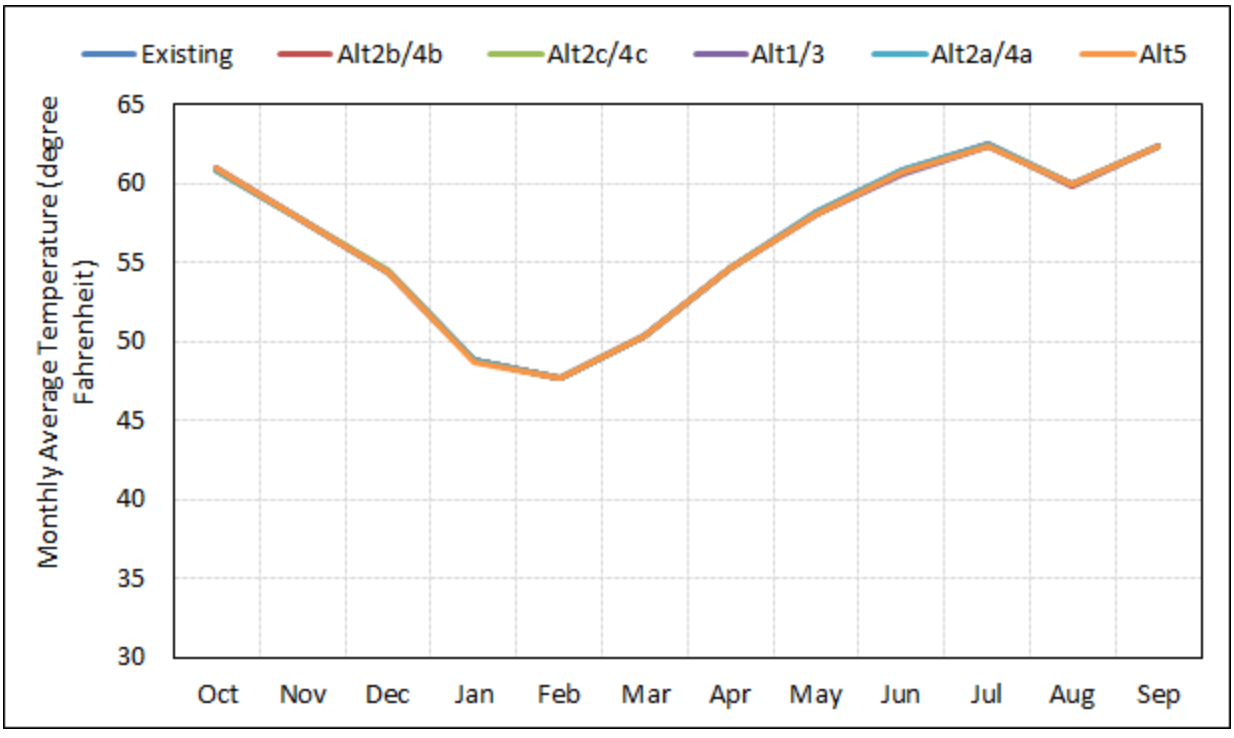


Figure 5A-D1.2.5. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

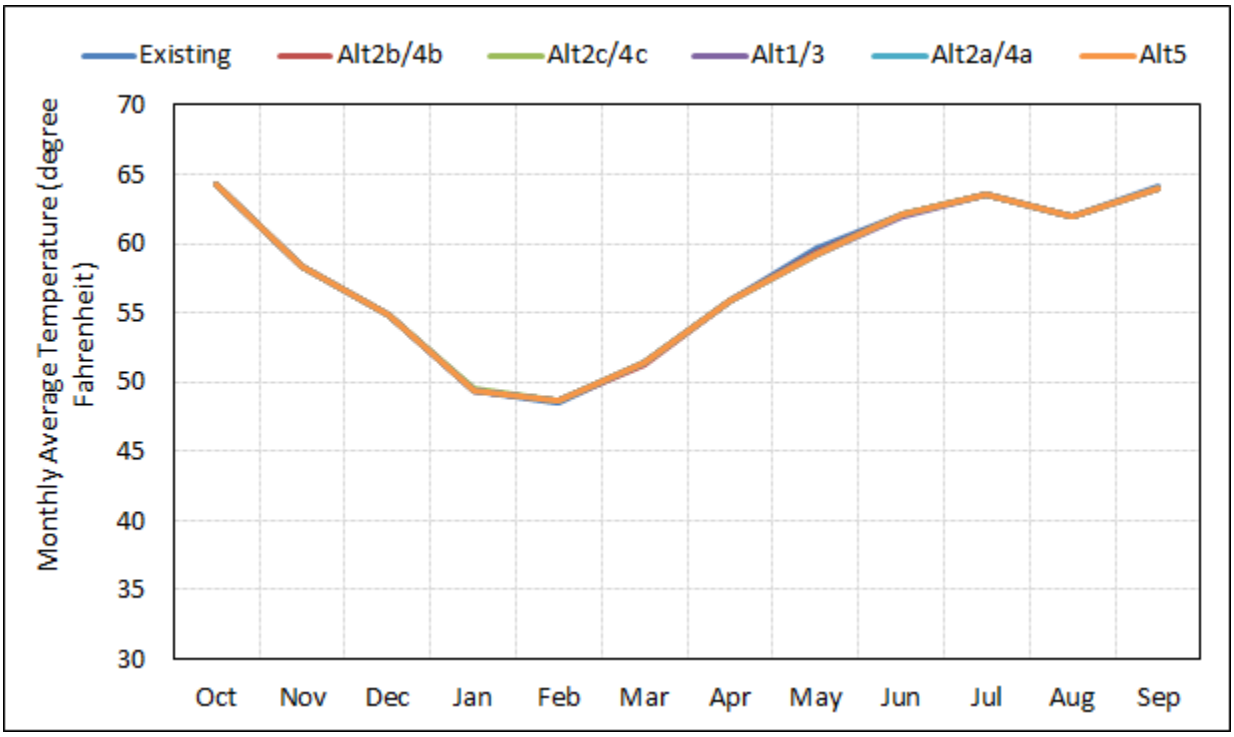


Figure 5A-D1.2.6. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

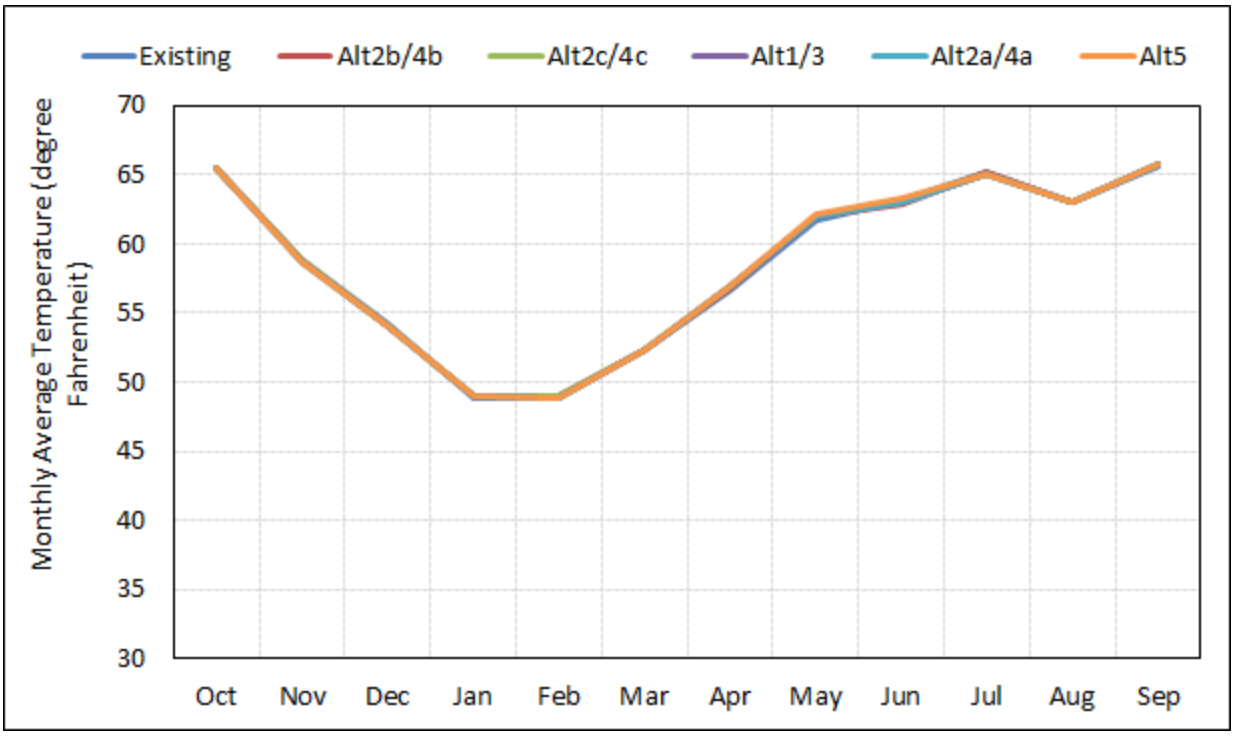


Figure 5A-D1.2.7. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

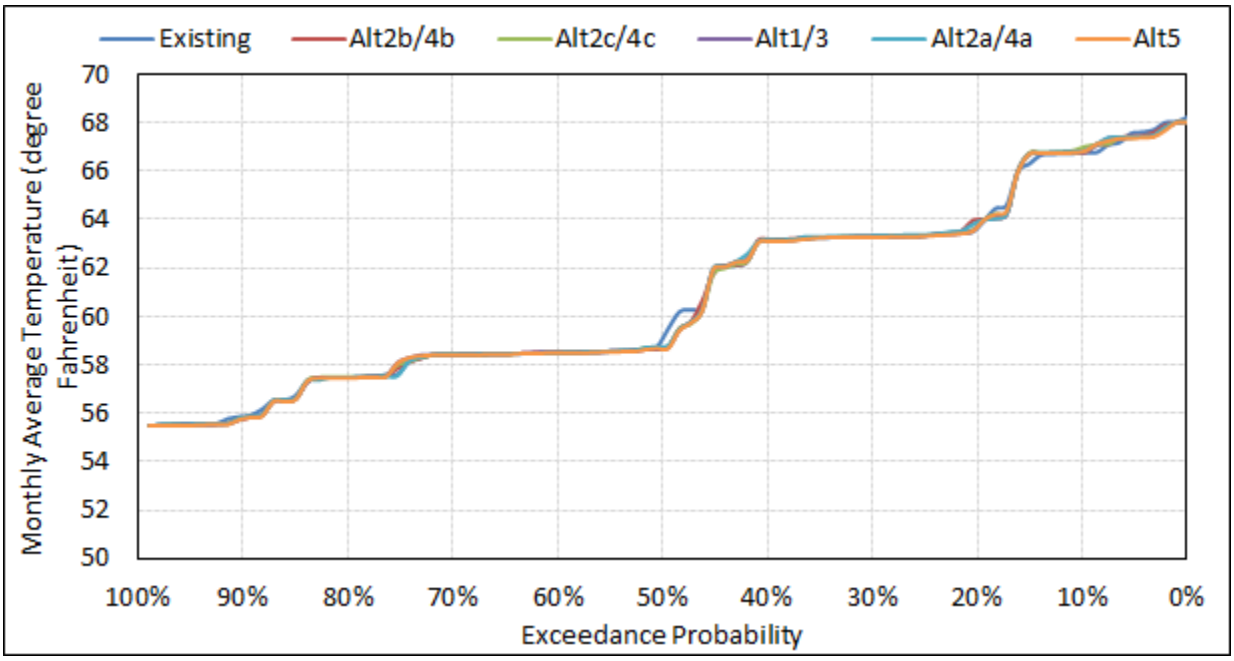


Figure 5A-D1.2.8. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

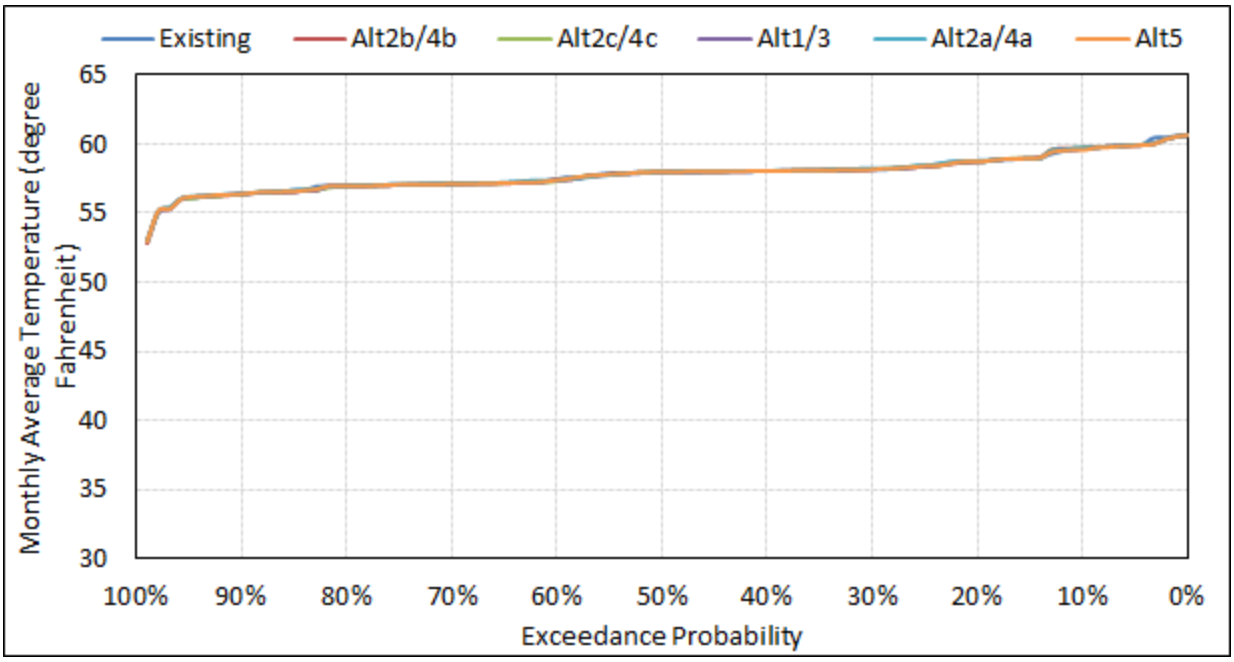


Figure 5A-D1.2.9. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

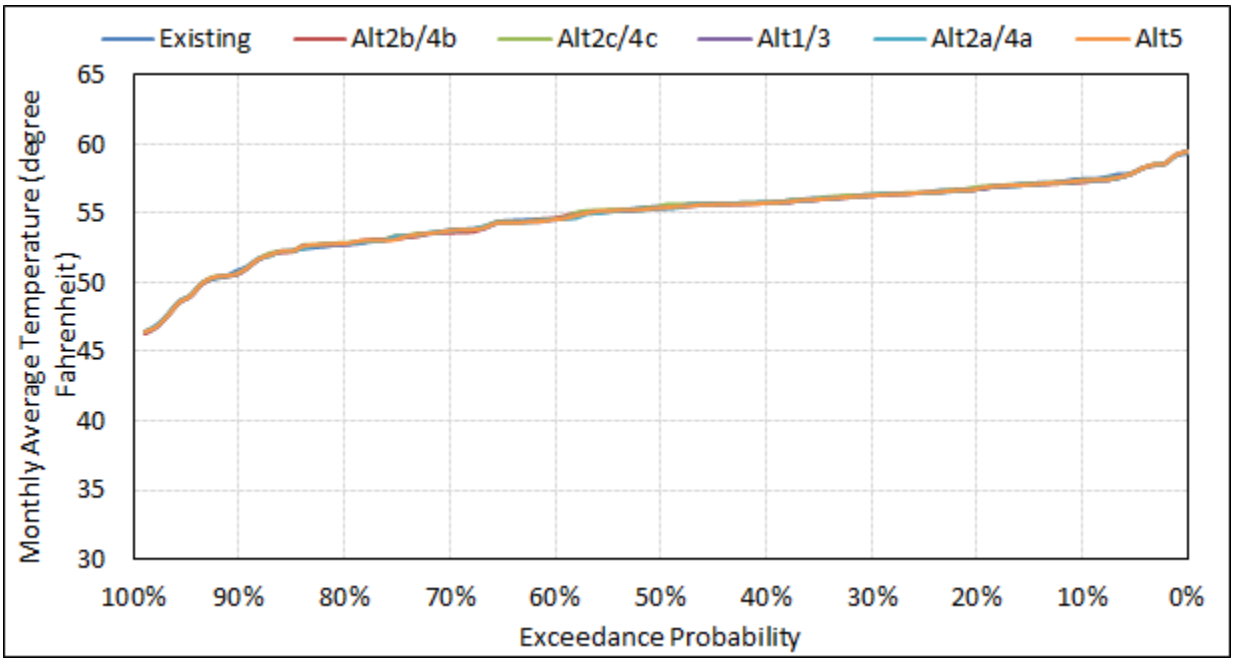


Figure 5A-D1.2.10. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

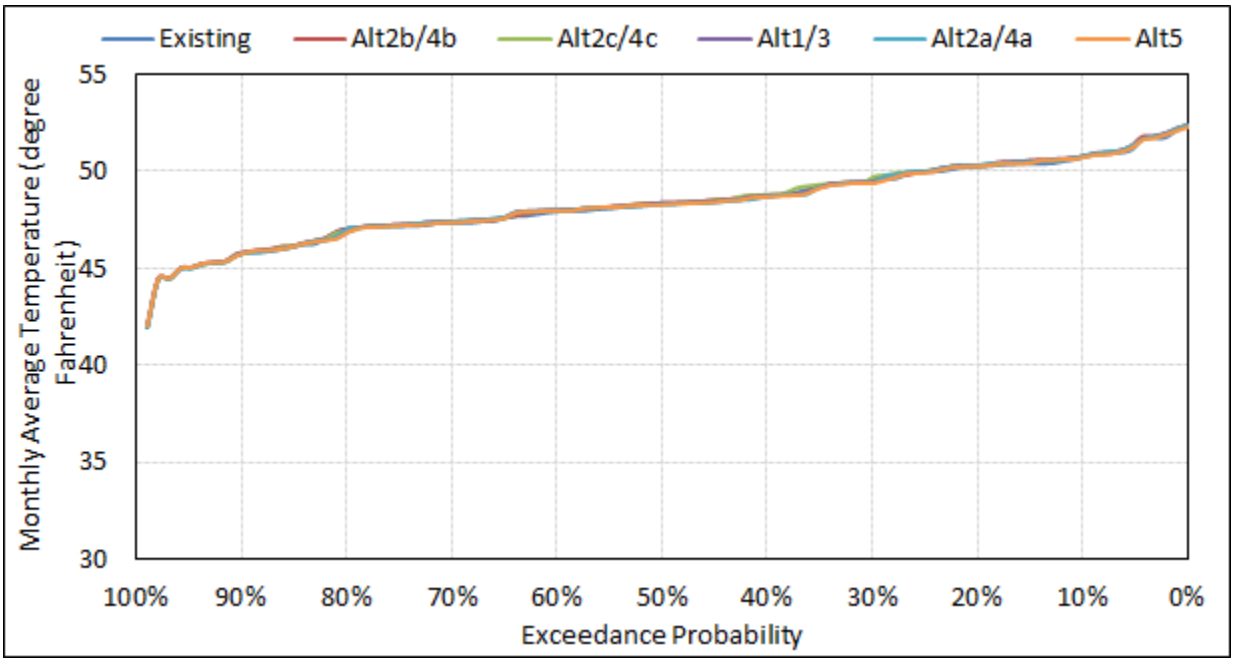


Figure 5A-D1.2.11. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

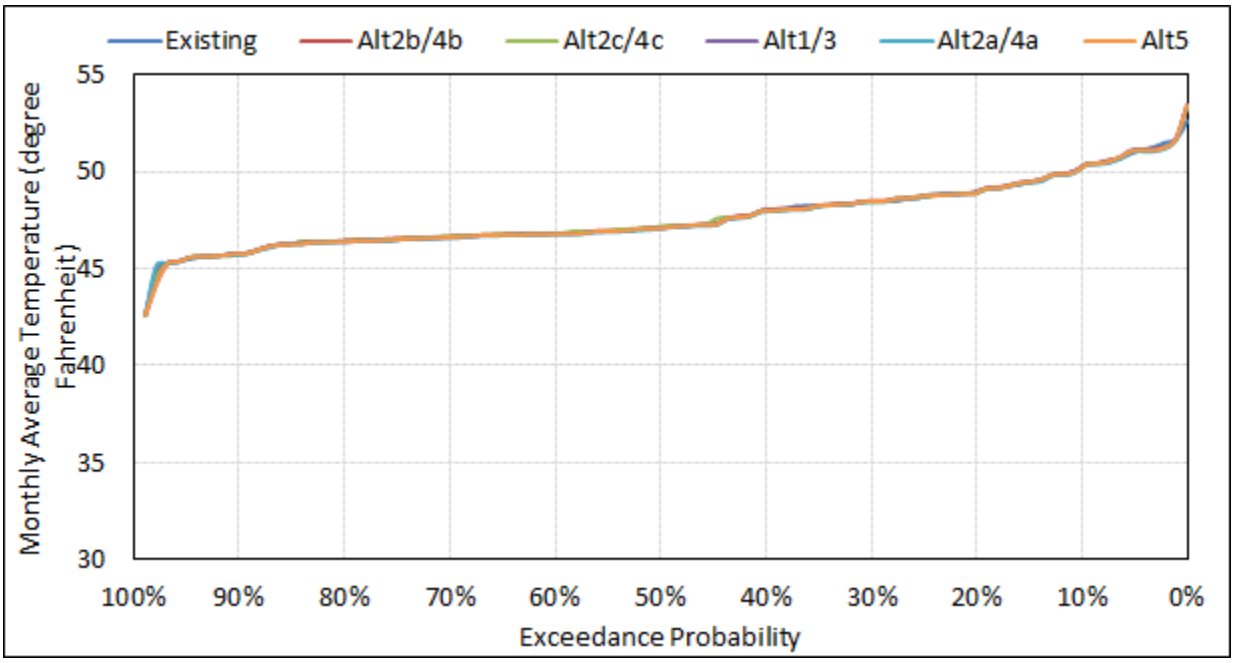


Figure 5A-D1.2.12. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

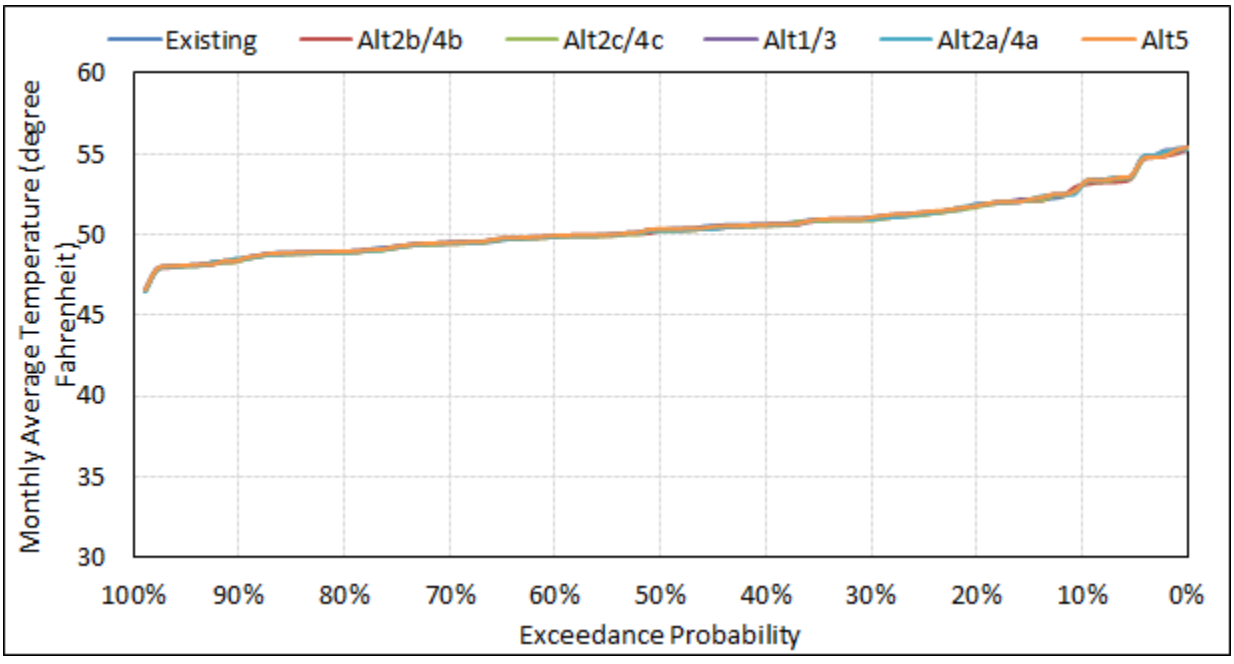


Figure 5A-D1.2.13. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

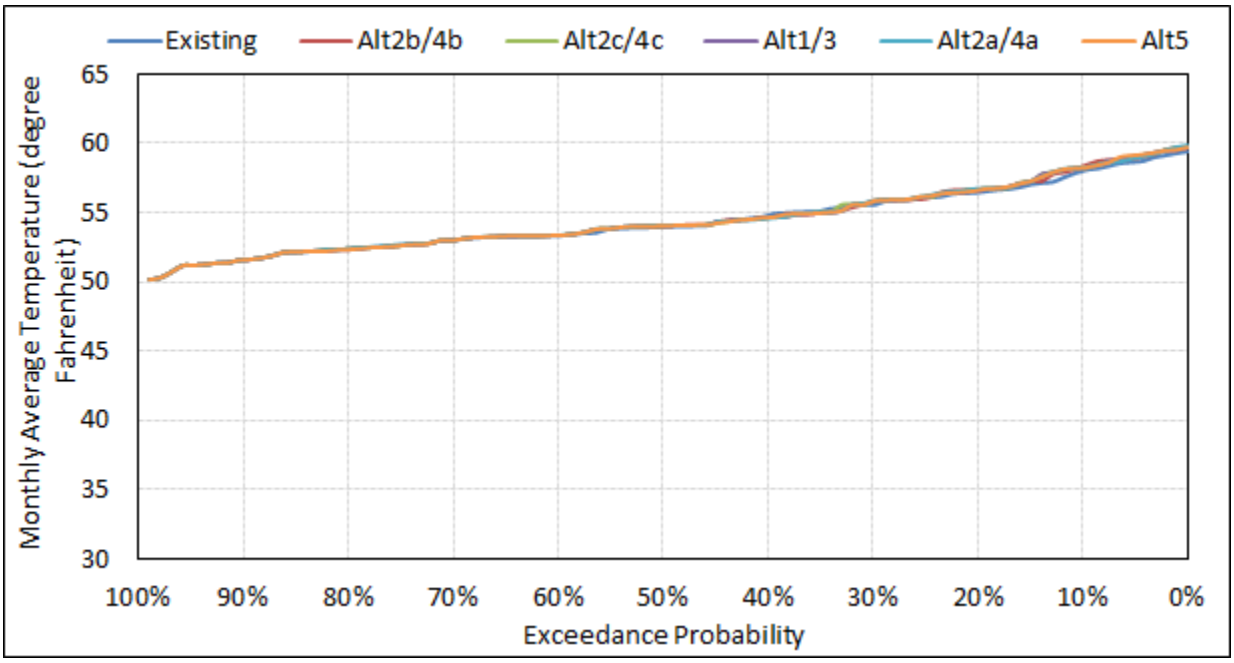


Figure 5A-D1.2.14. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

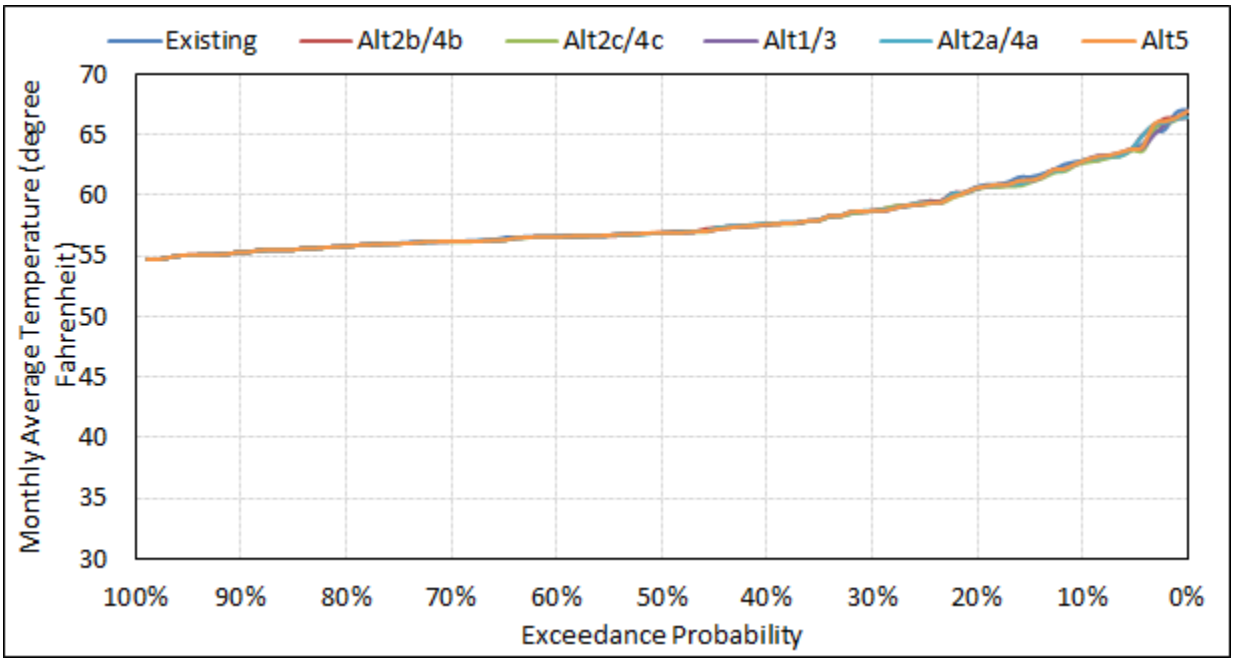


Figure 5A-D1.2.15. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

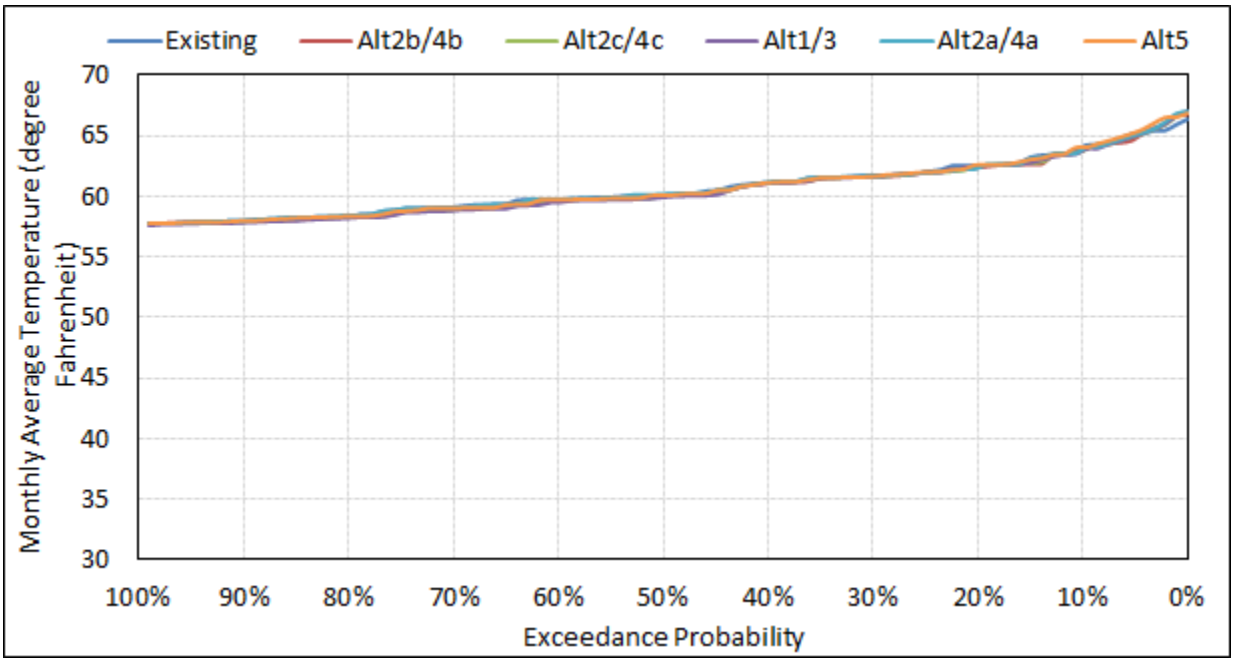


Figure 5A-D1.2.16. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

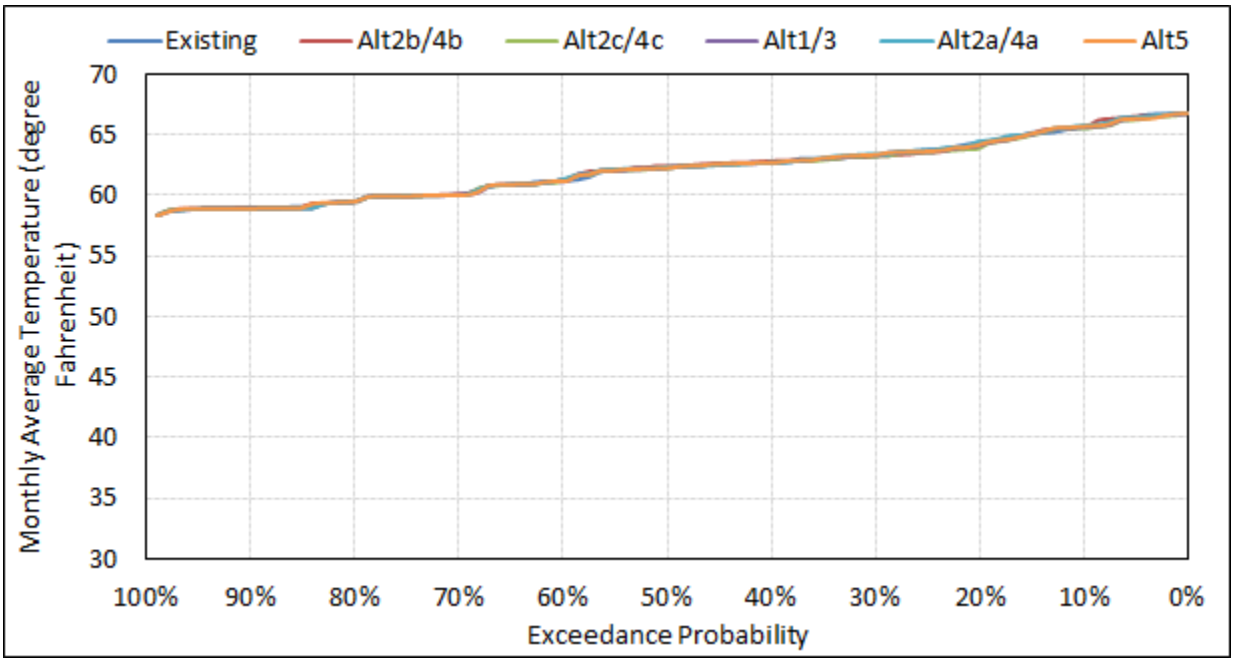


Figure 5A-D1.2.17. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

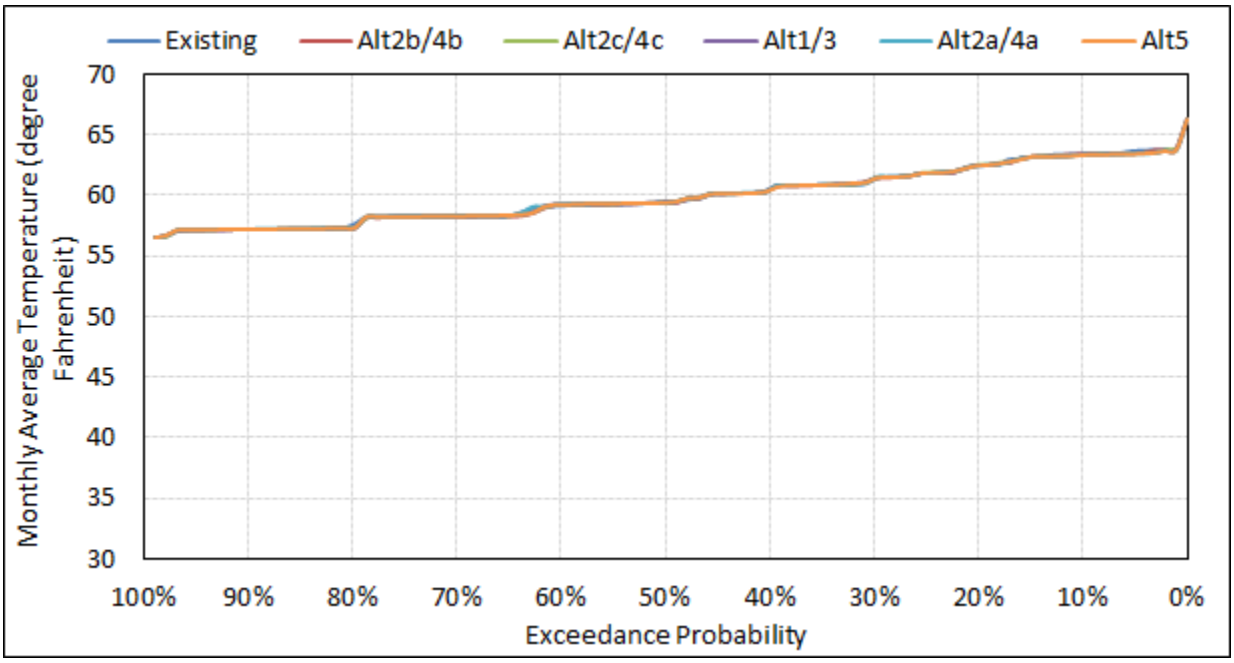


Figure 5A-D1.2.18. American River Below Folsom Dam, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

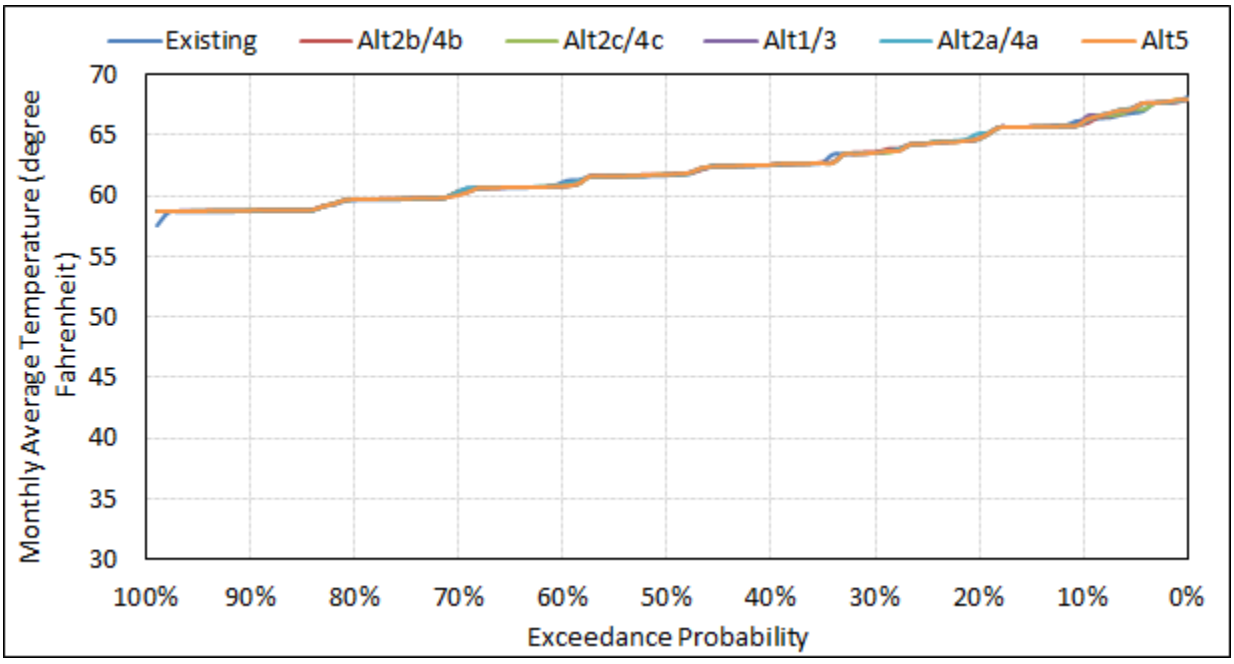
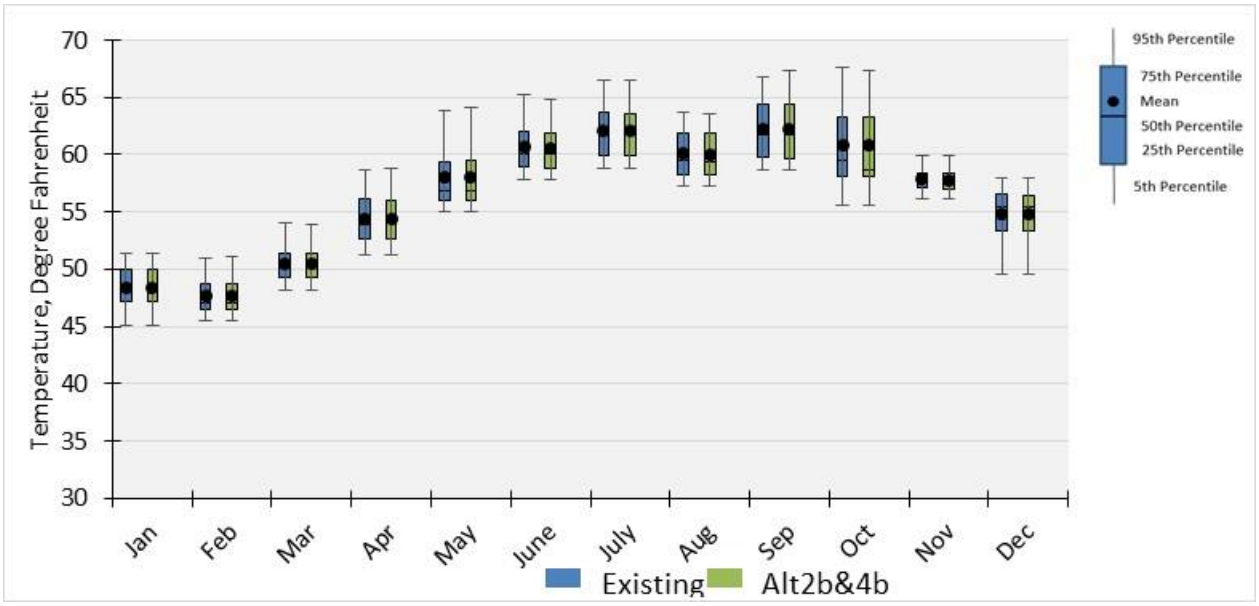


Figure 5A-D1.2.19. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



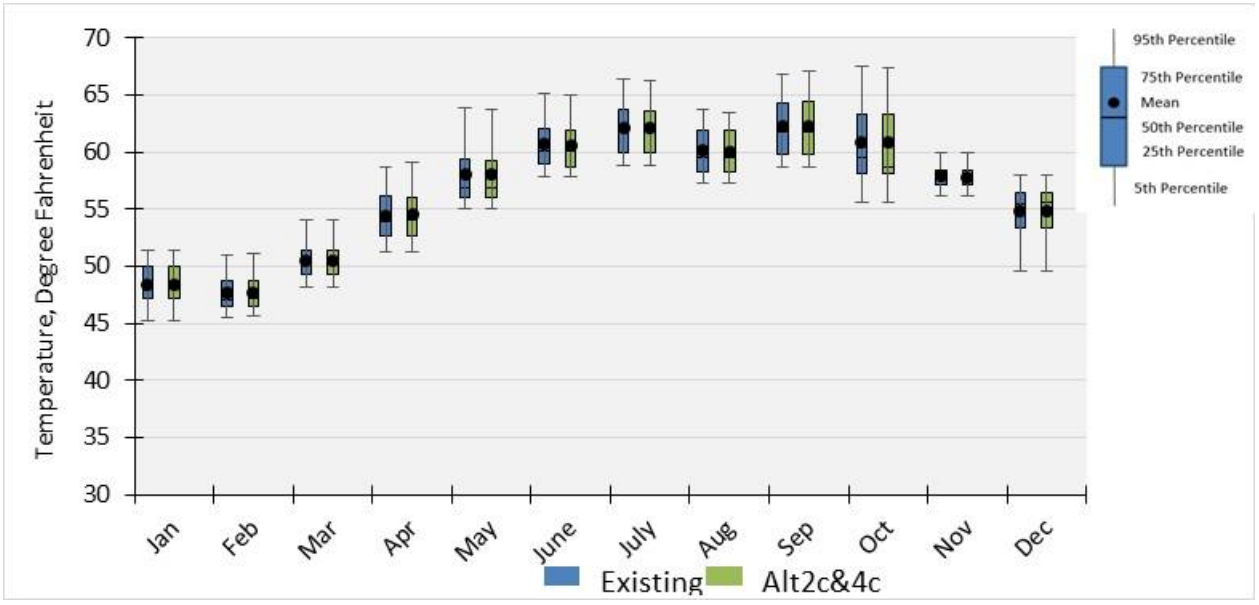
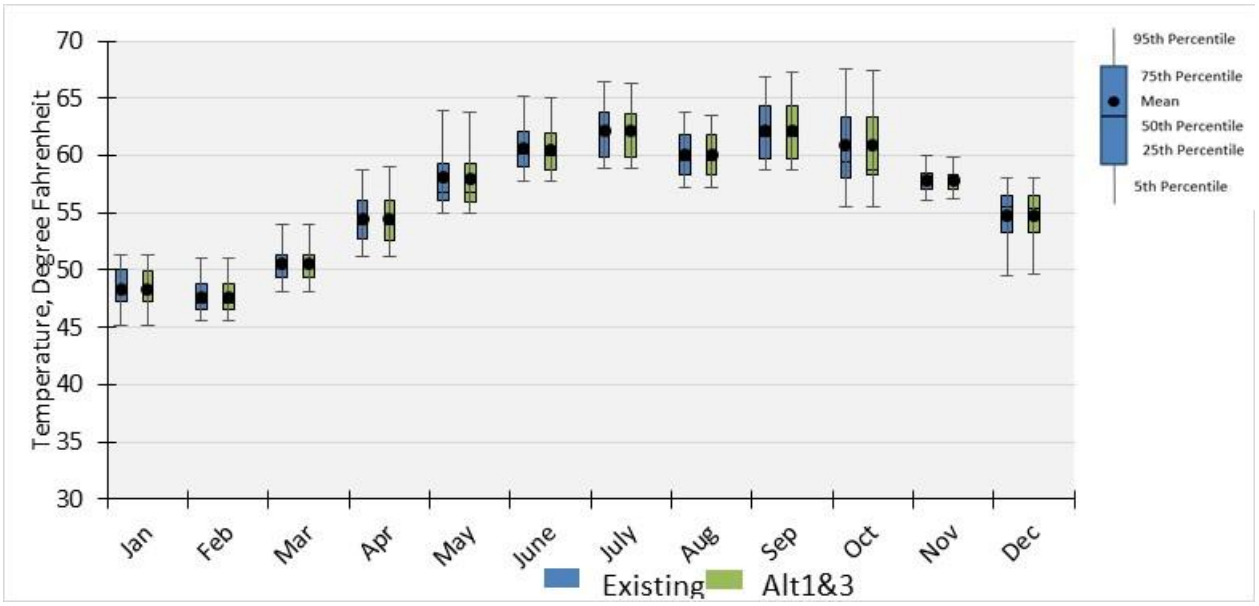


Figure 5A-D1.2.20. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



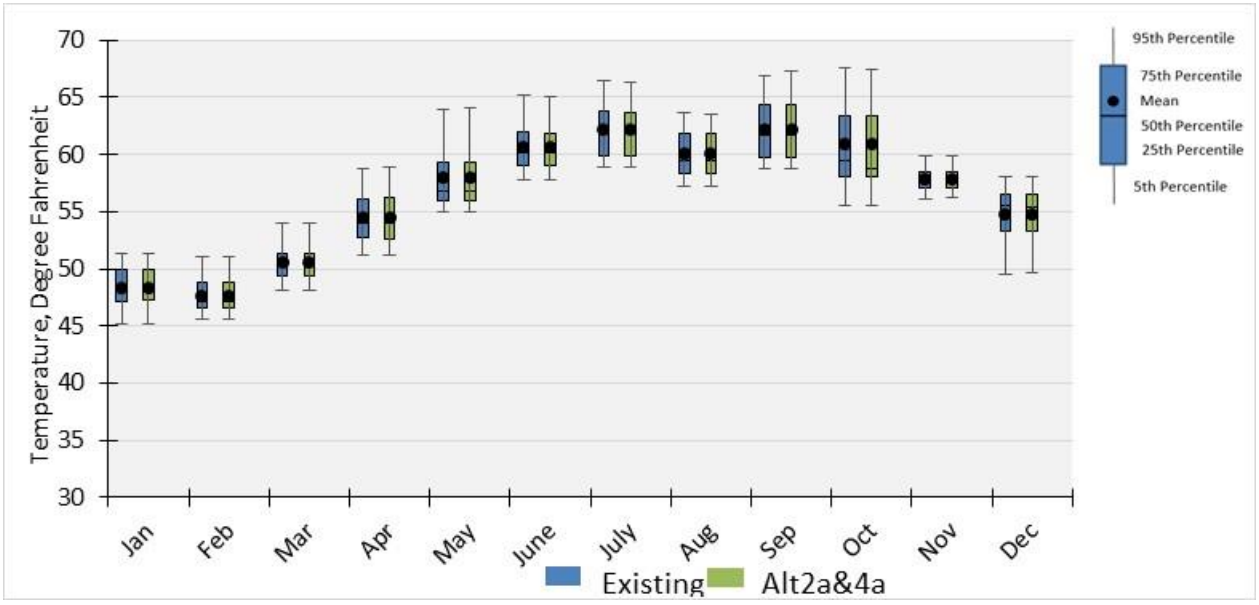


Figure 5A-D1.2.21. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

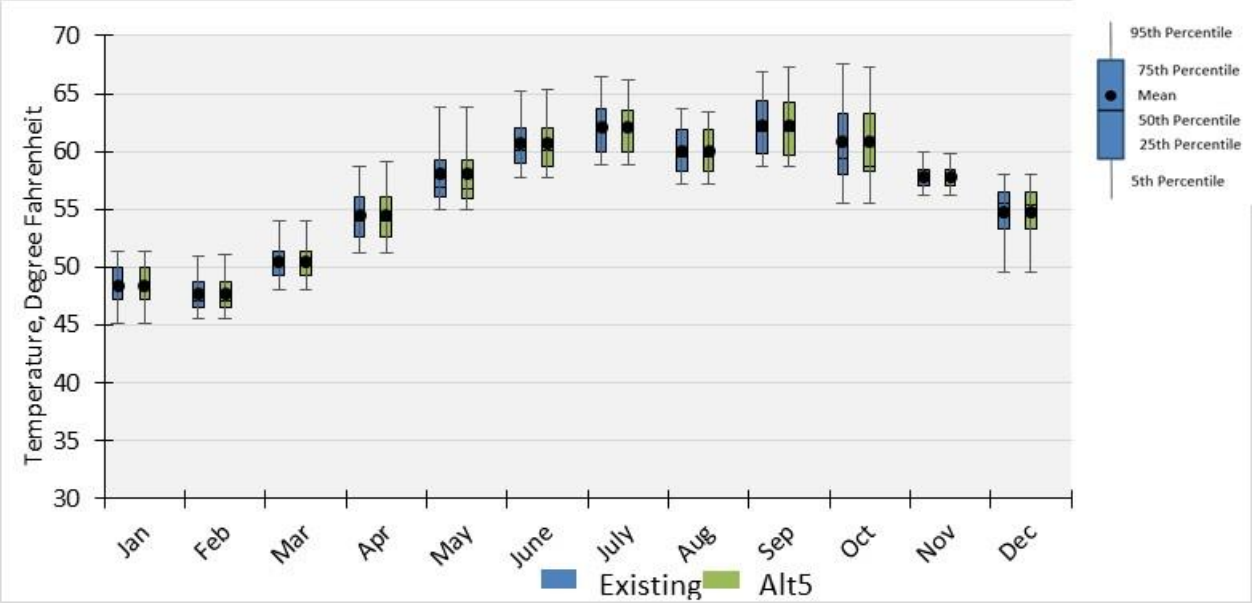
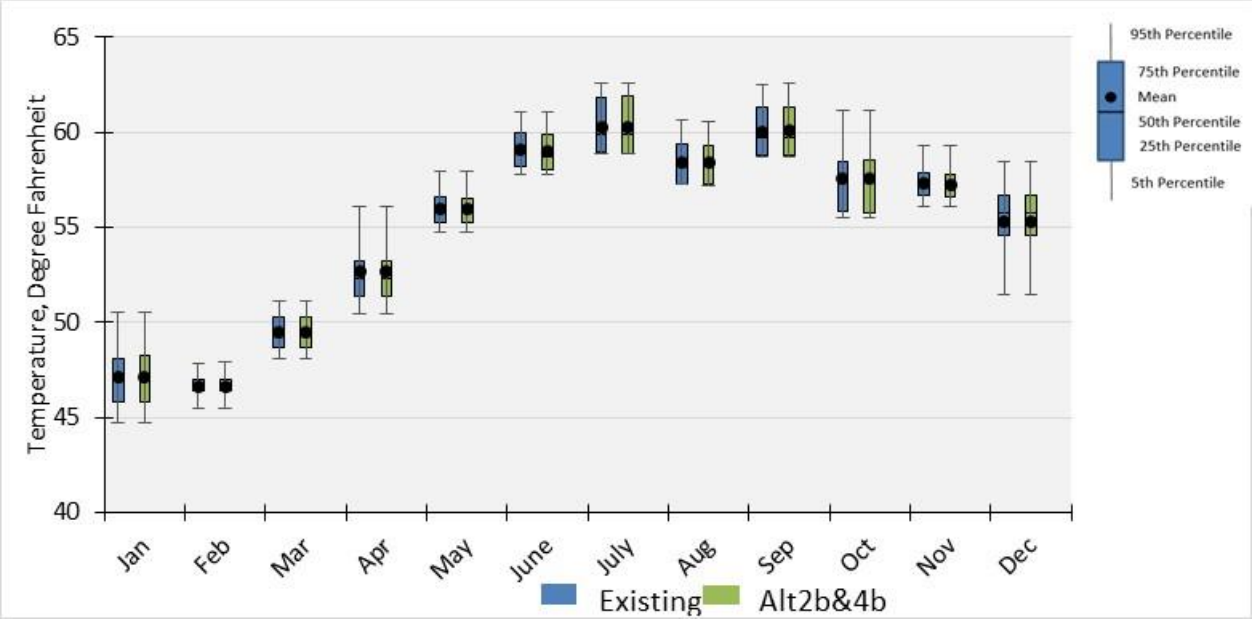


Figure 5A-D1.2.22. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



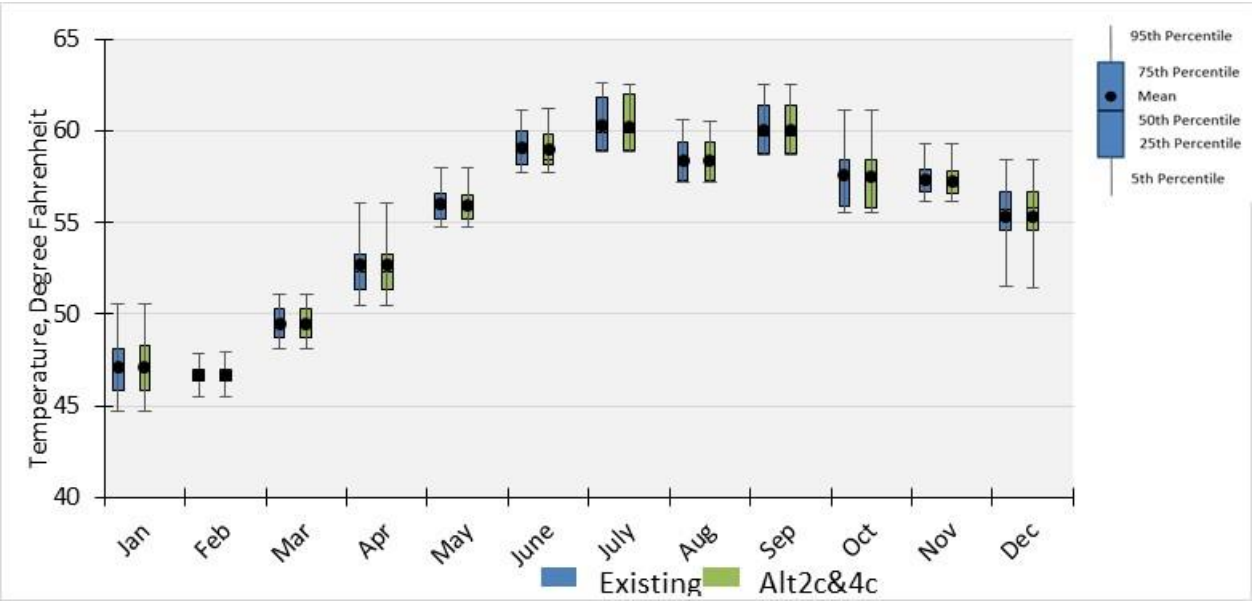
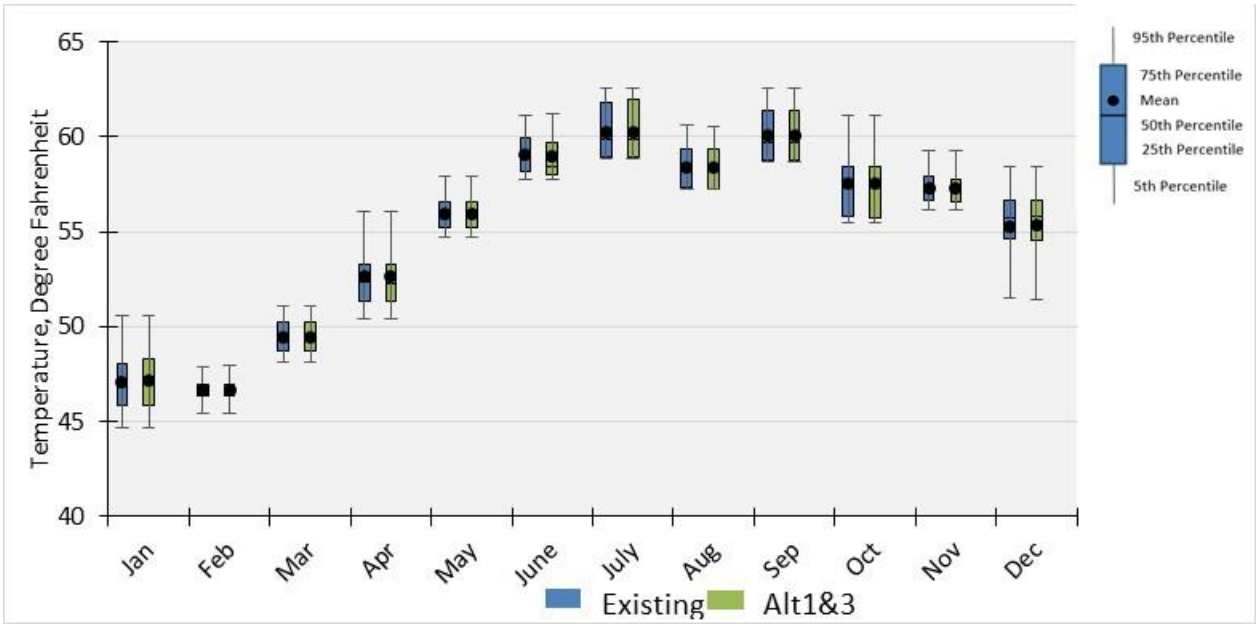


Figure 5A-D1.2.23. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



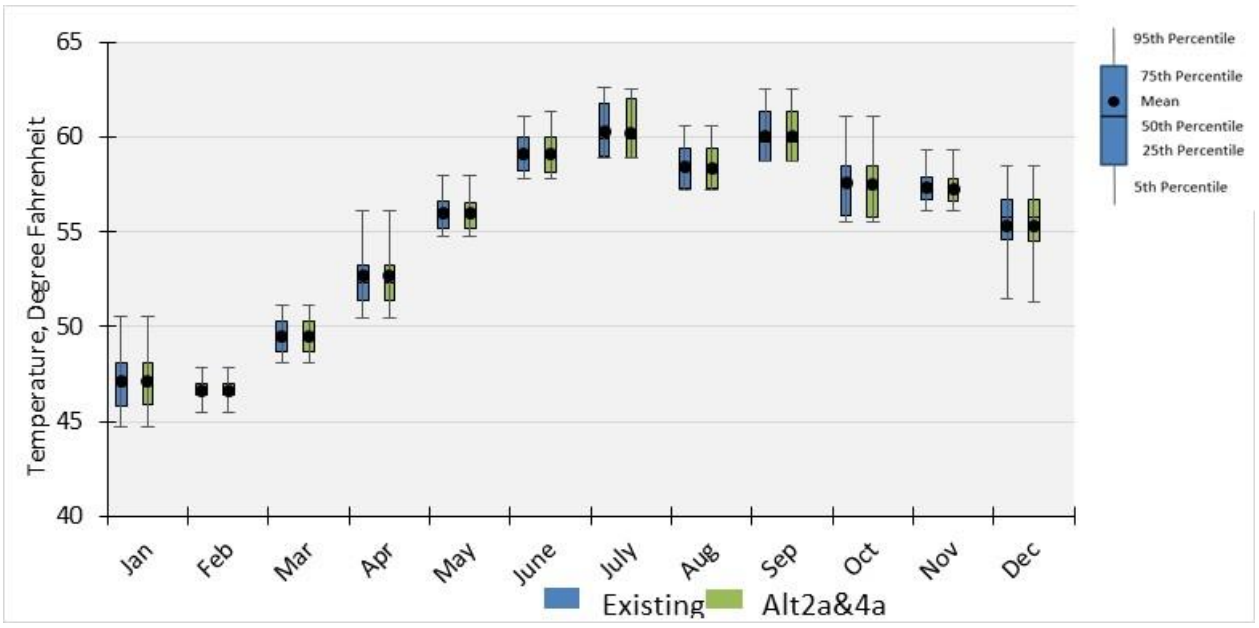


Figure 5A-D1.2.24. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

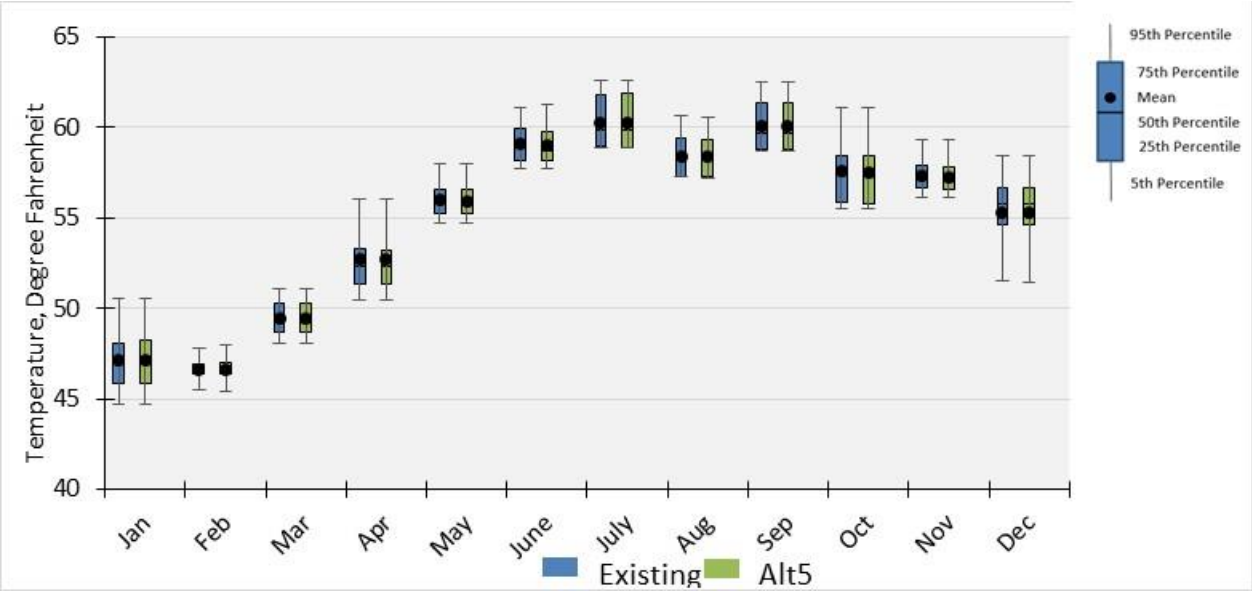
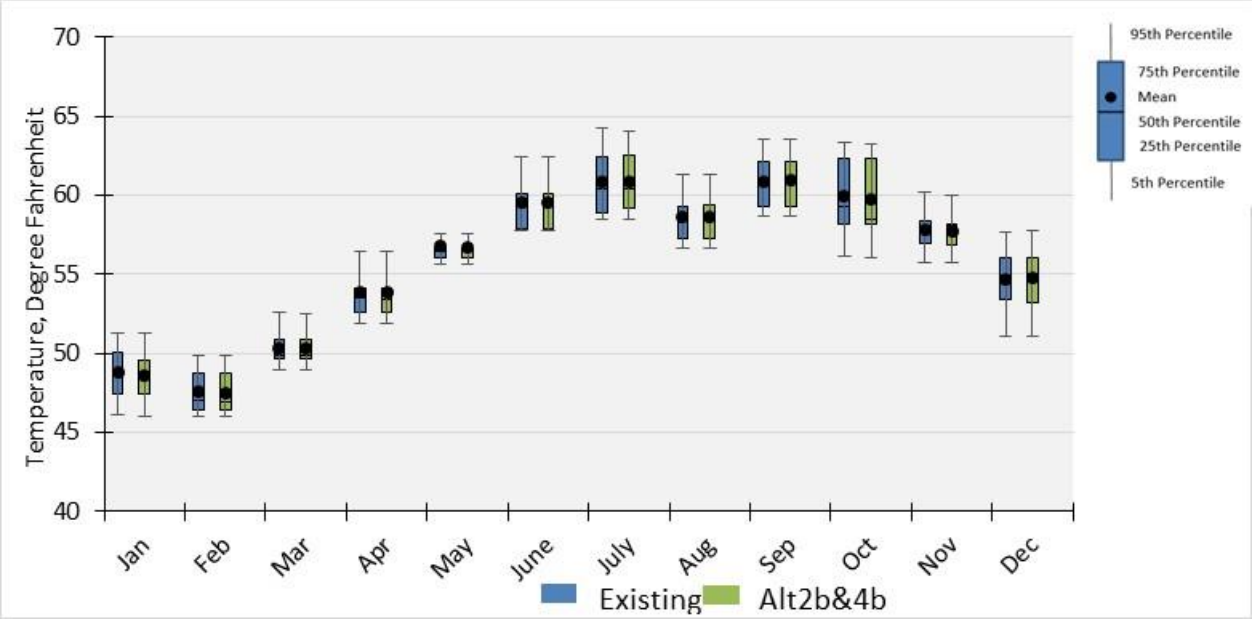


Figure 5A-D1.2.25. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



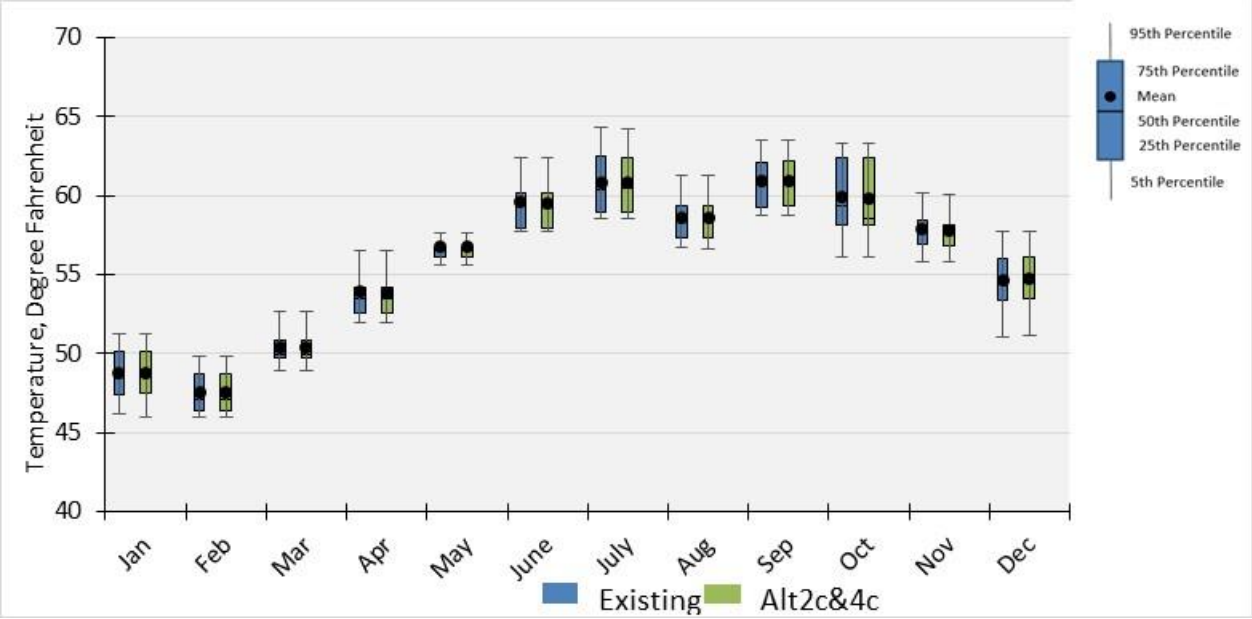
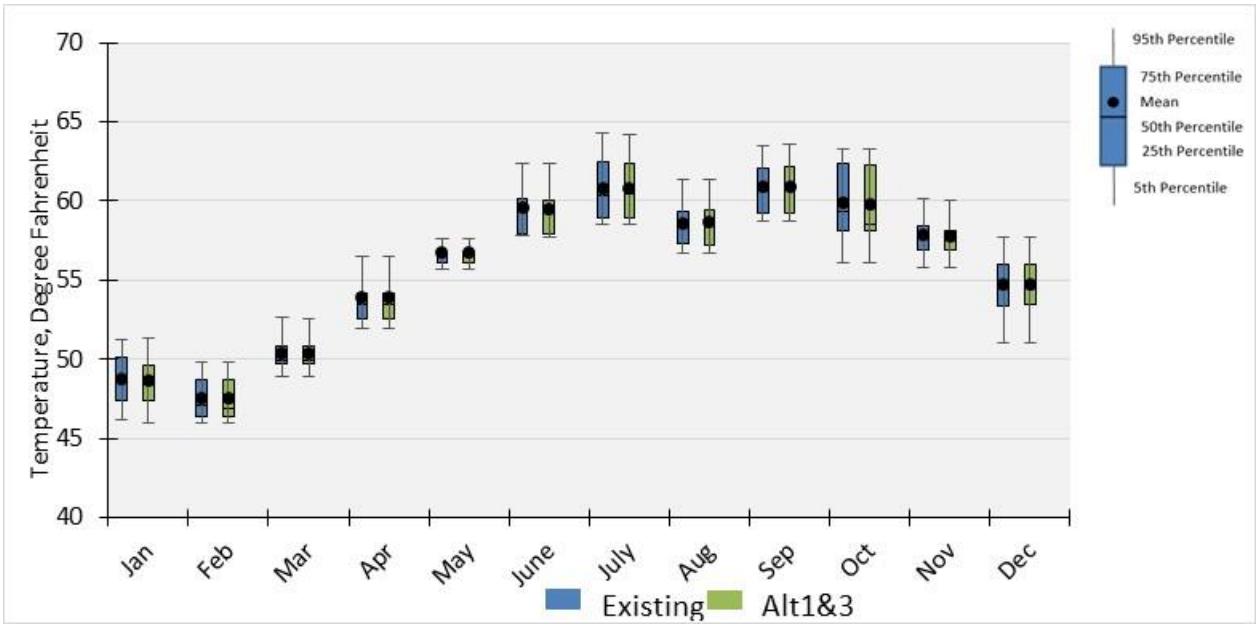


Figure 5A-D1.2.26. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



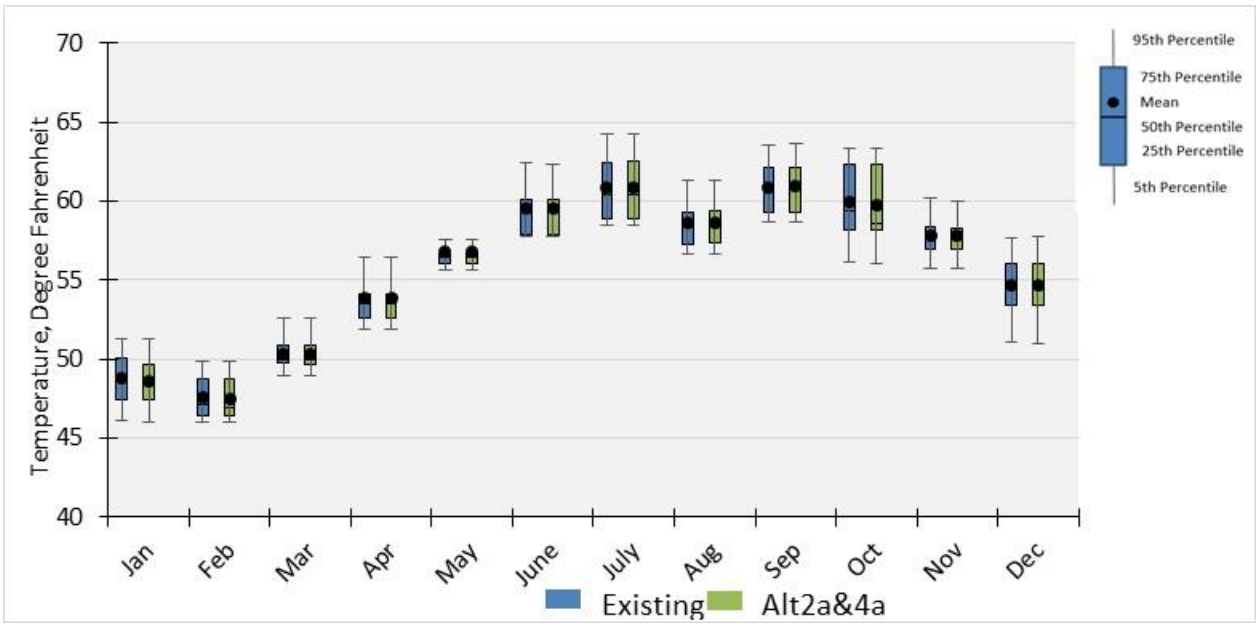


Figure 5A-D1.2.27. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

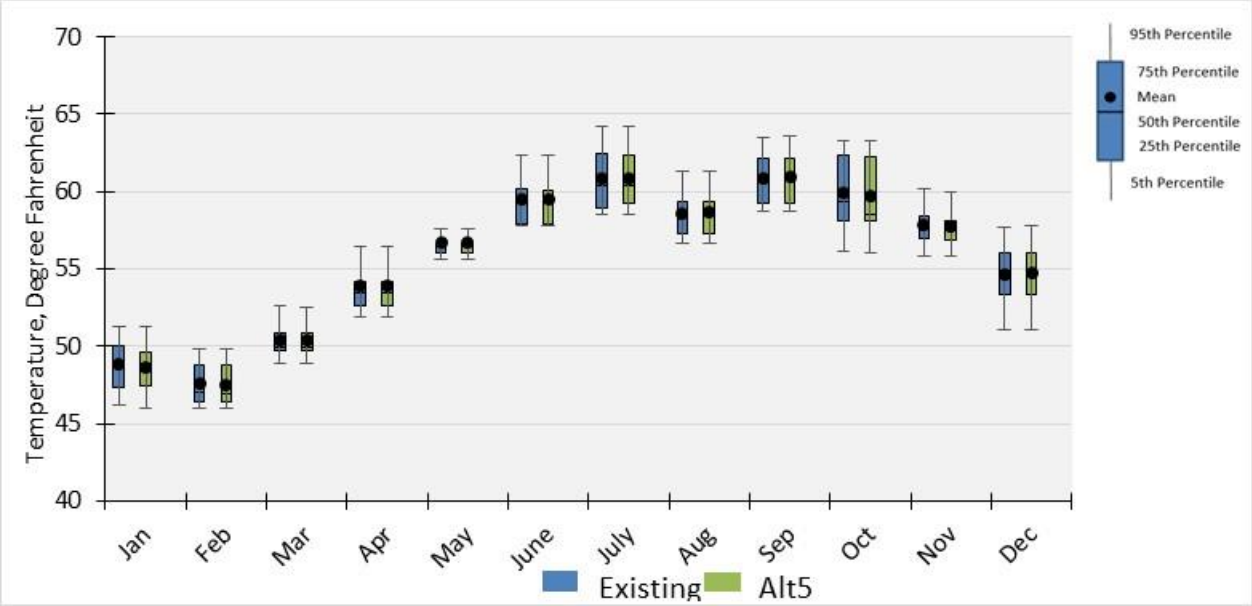
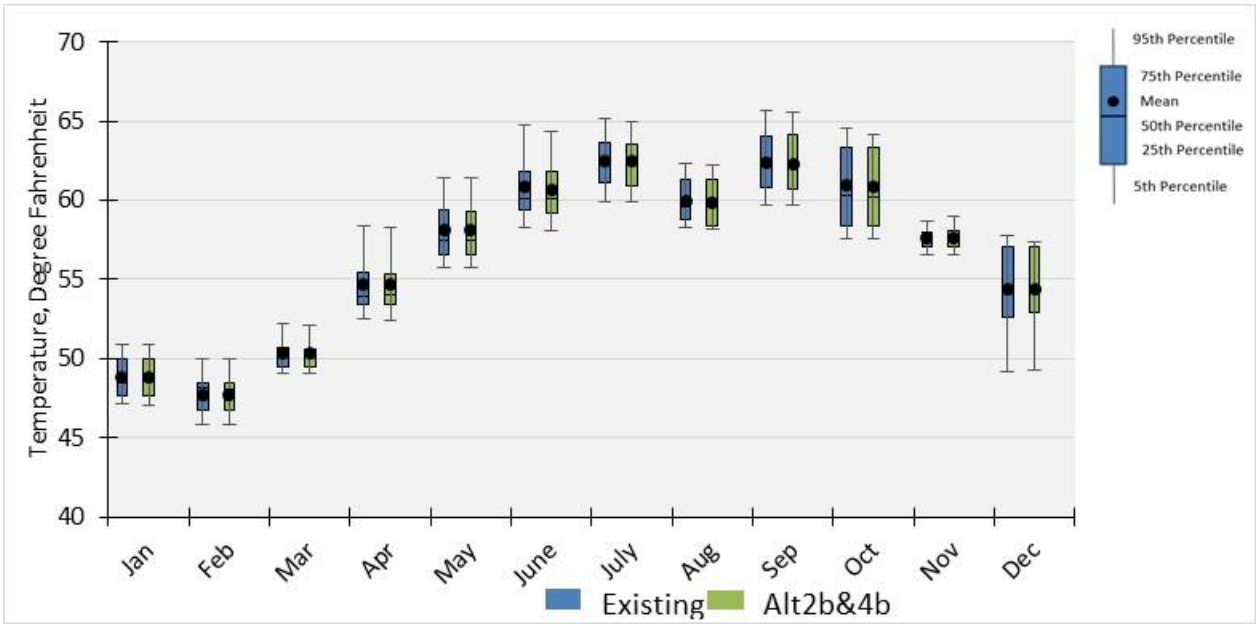


Figure 5A-D1.2.28. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



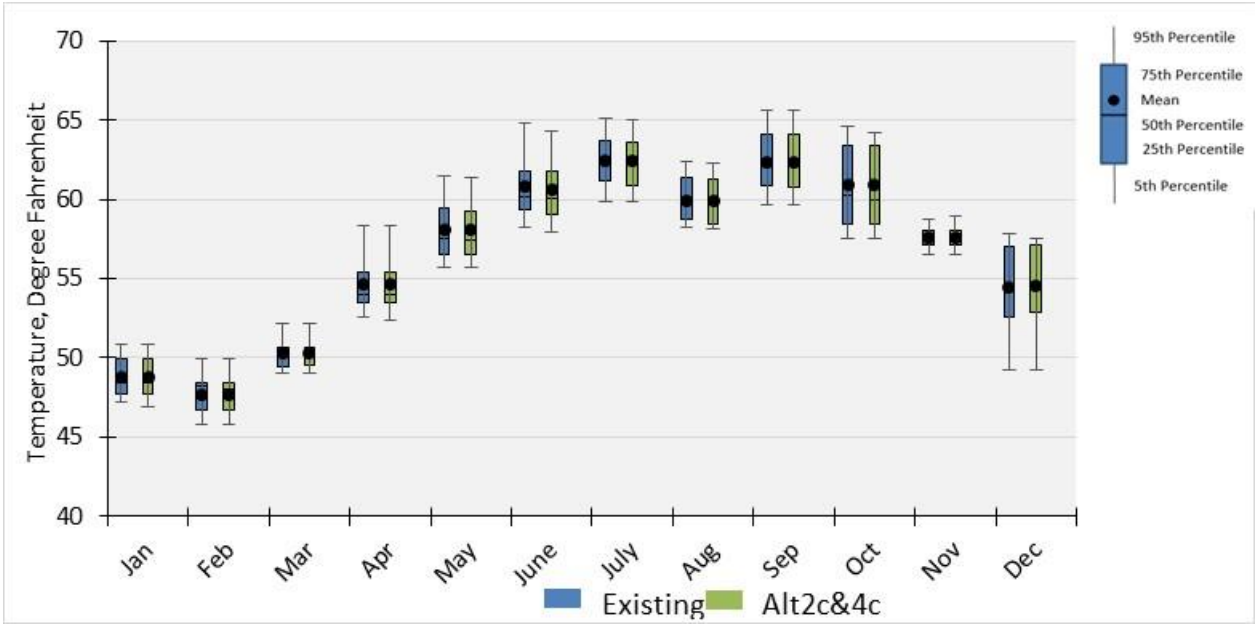
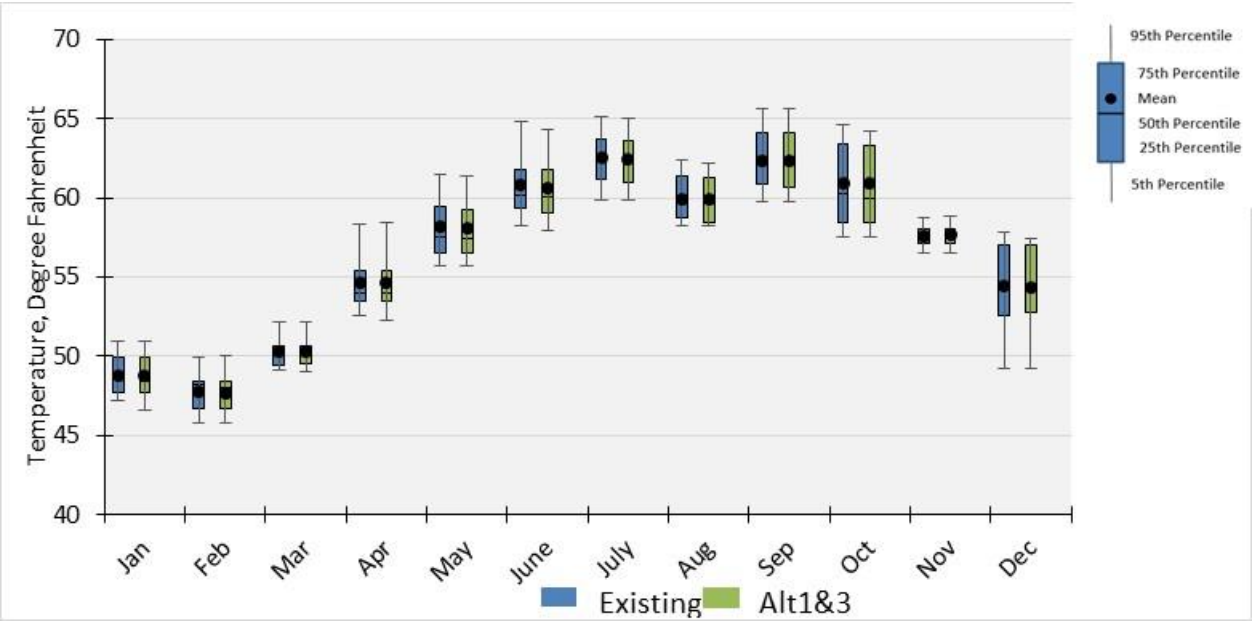


Figure 5A-D1.2.29. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



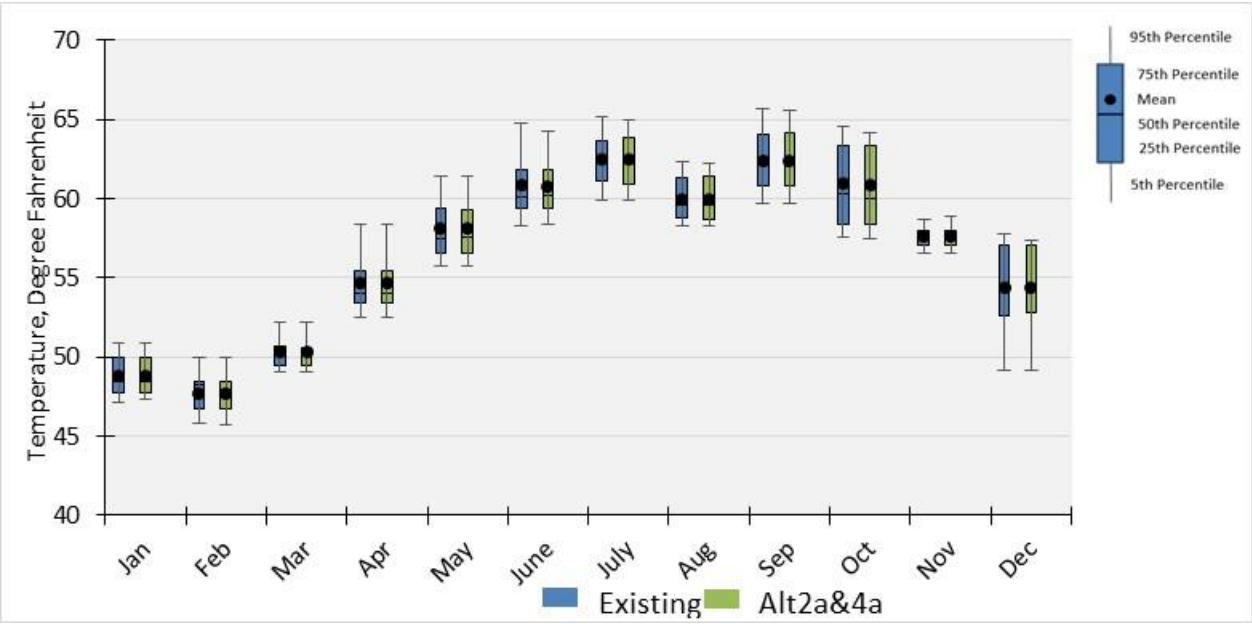


Figure 5A-D1.2.30. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

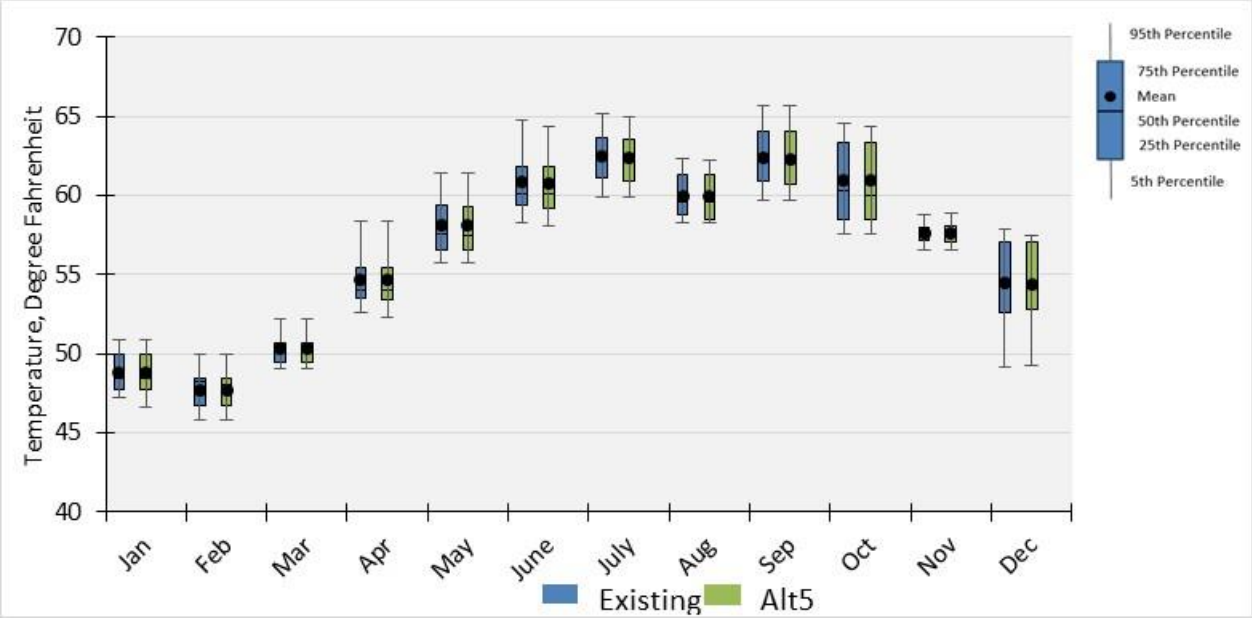
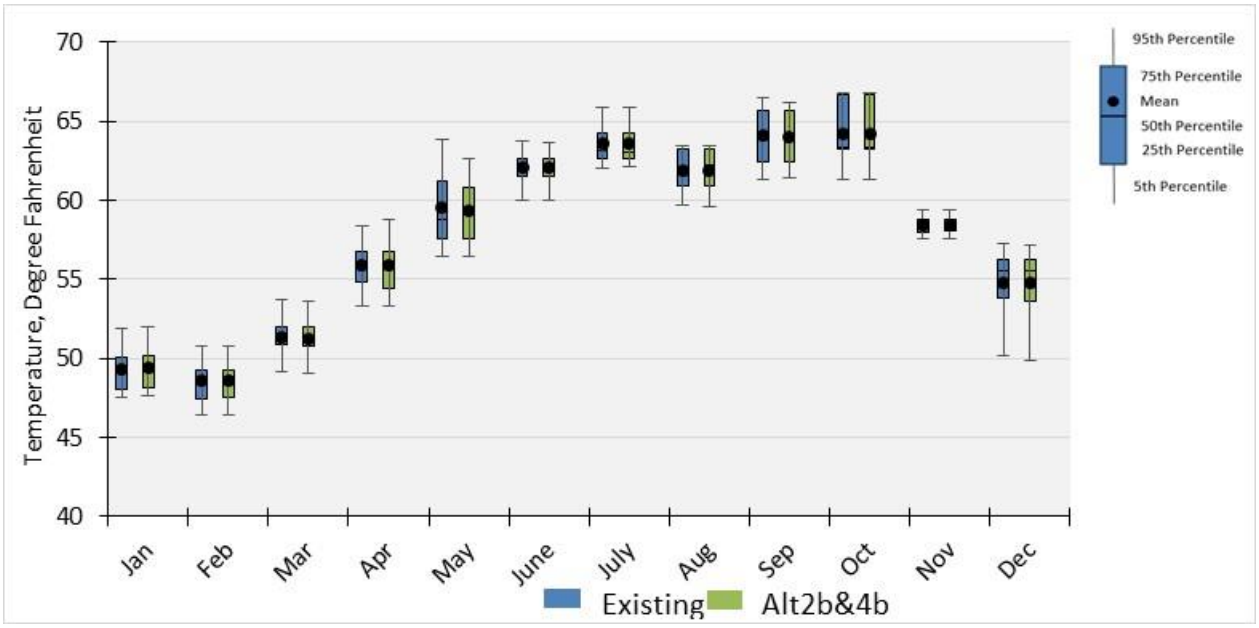


Figure 5A-D1.2.31. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



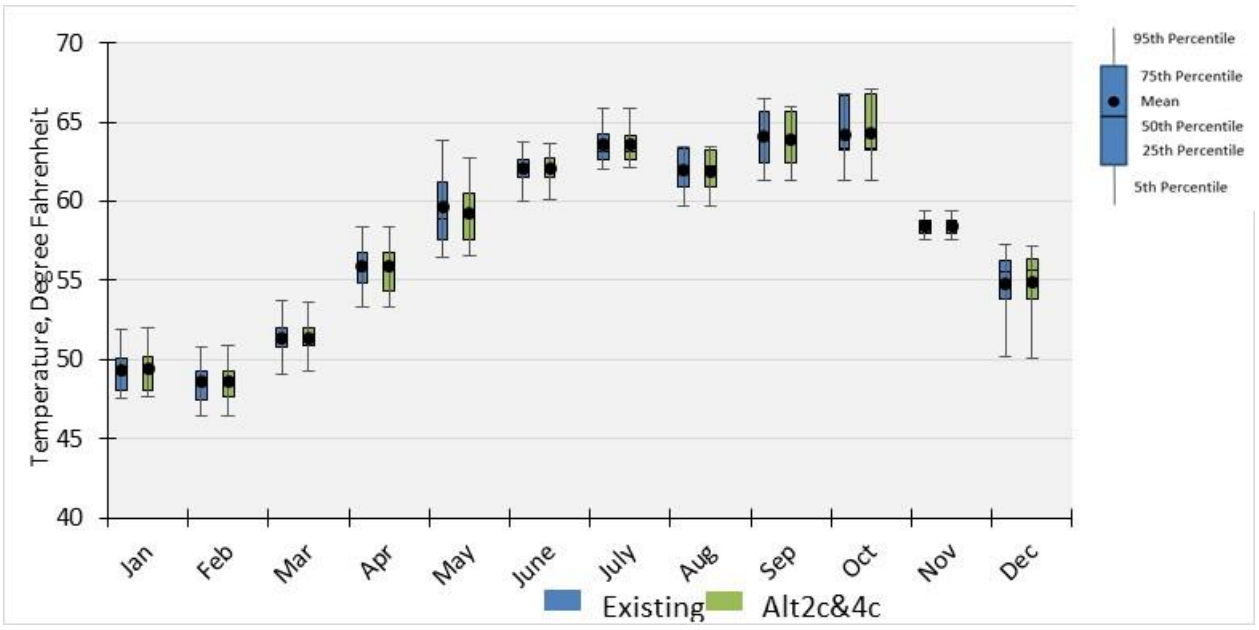
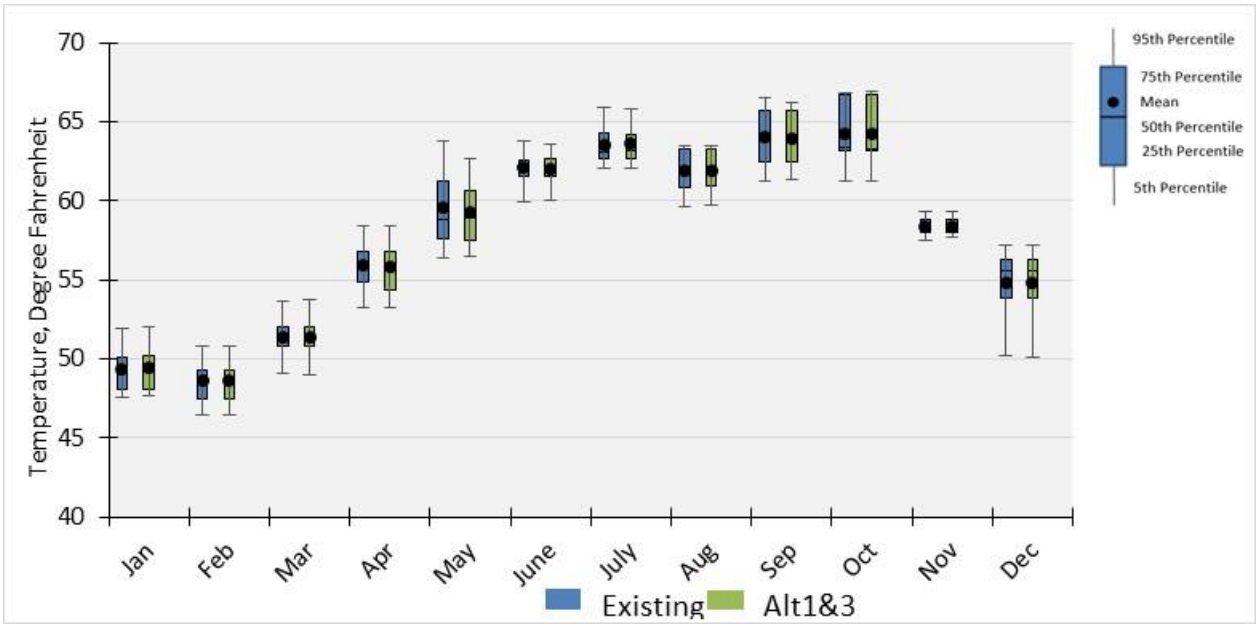


Figure 5A-D1.2.32. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



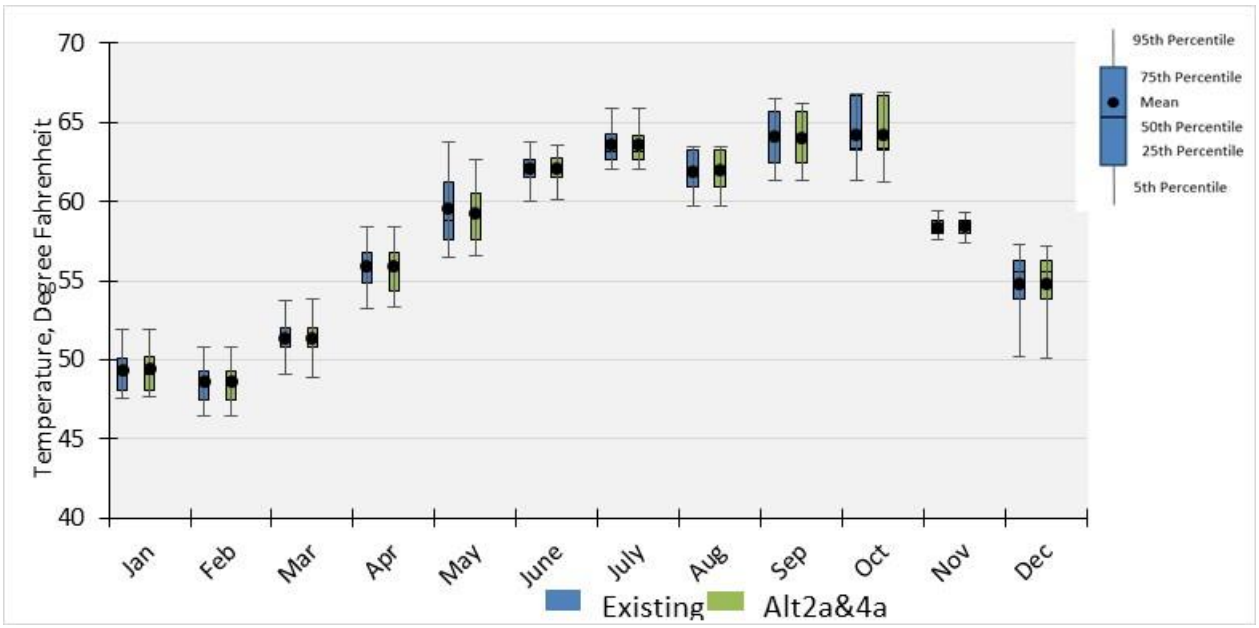


Figure 5A-D1.2.33. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

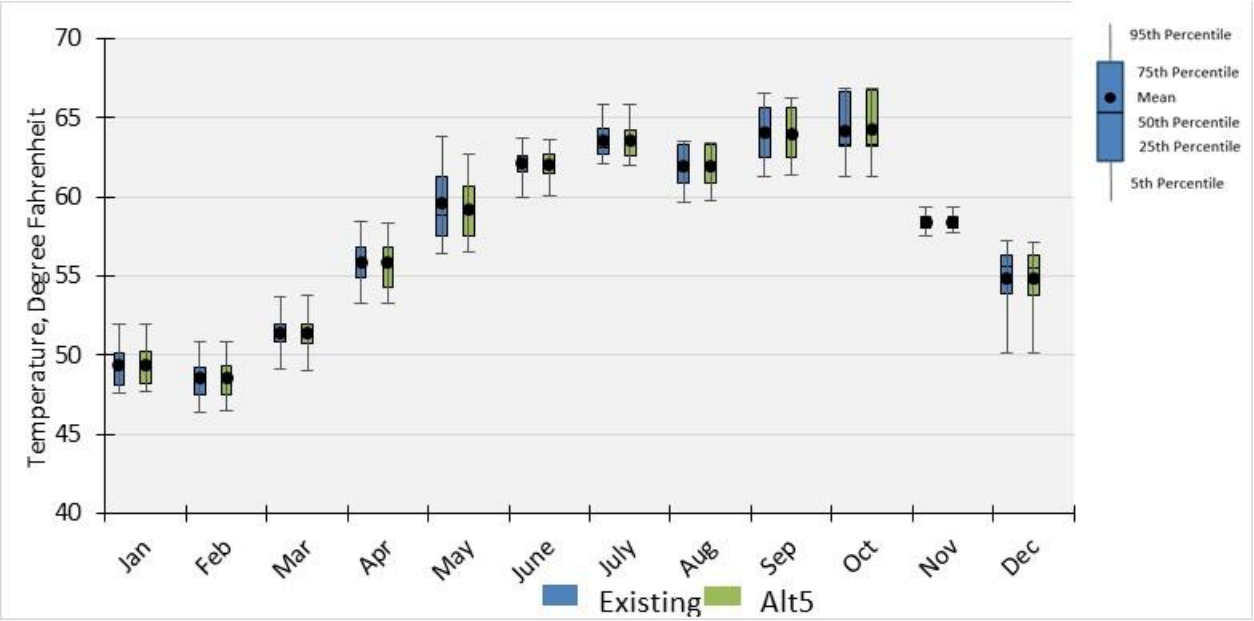
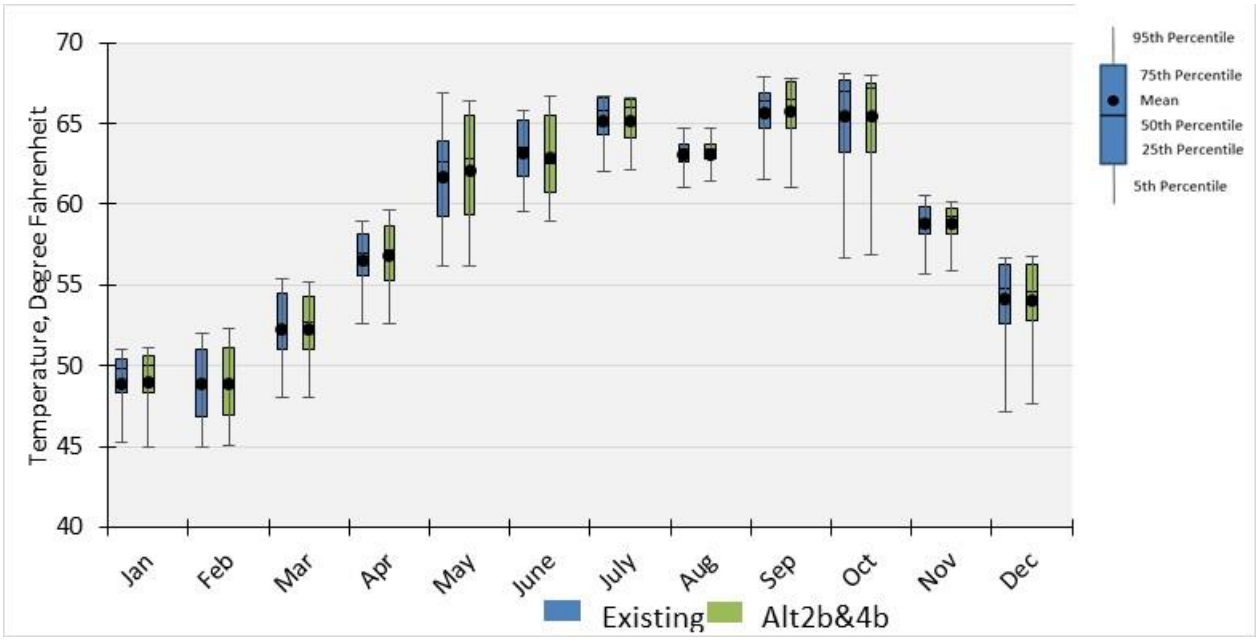


Figure 5A-D1.2.34. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



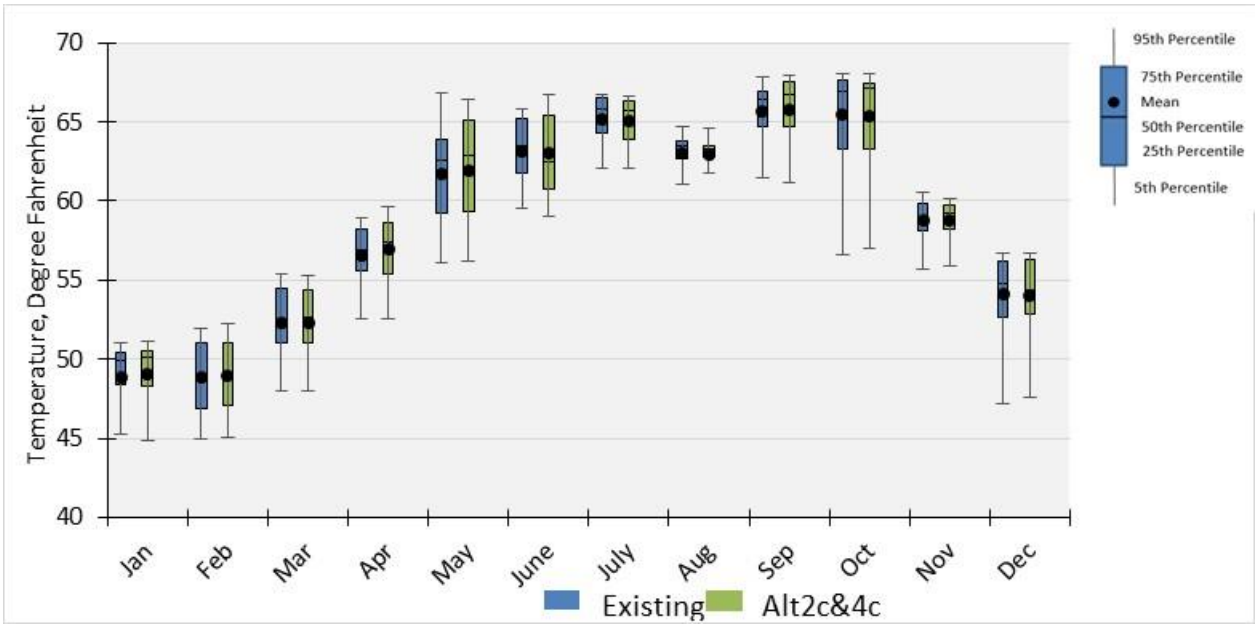
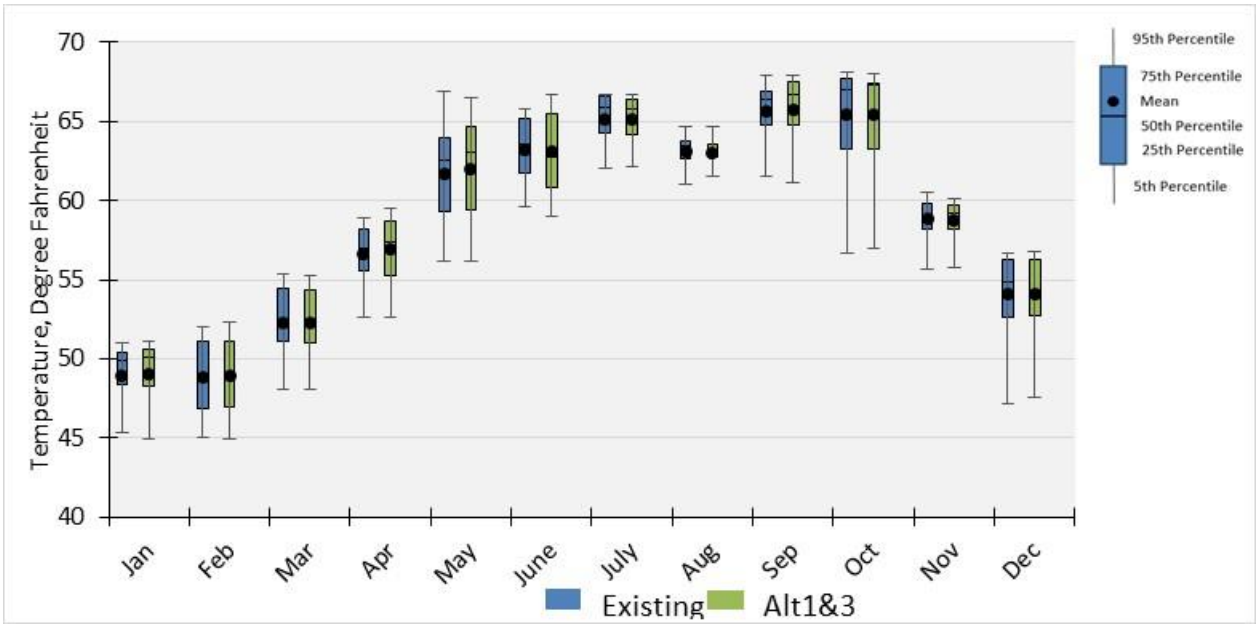


Figure 5A-D1.2.35. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



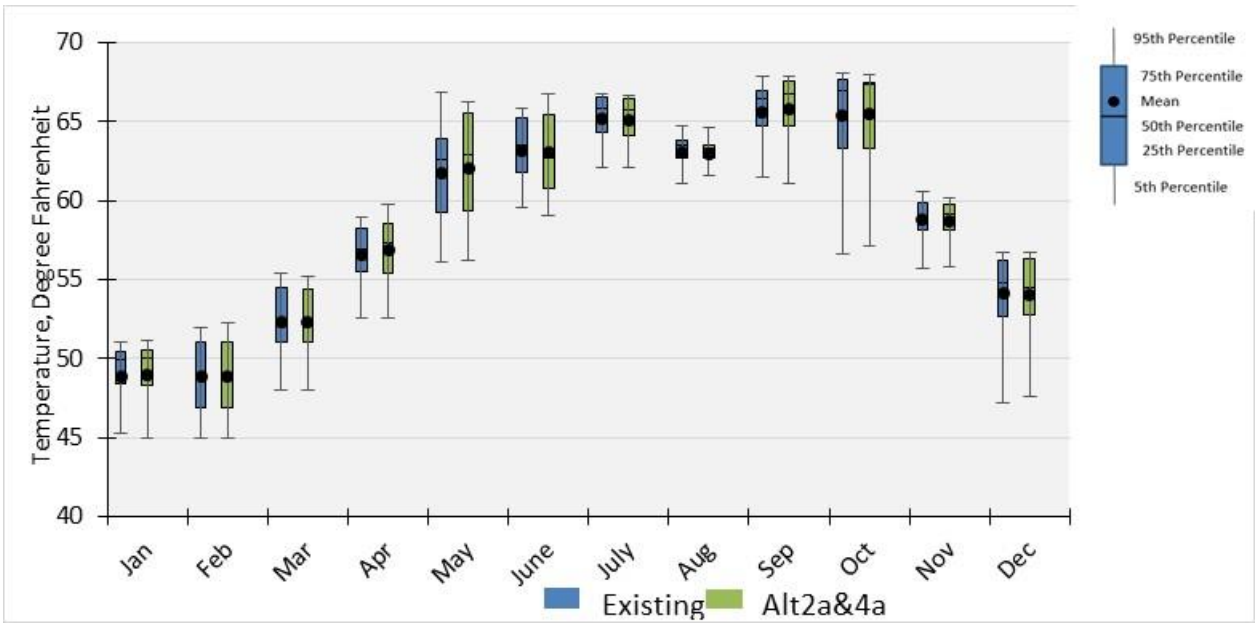


Figure 5A-D1.2.36. American River Below Folsom Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

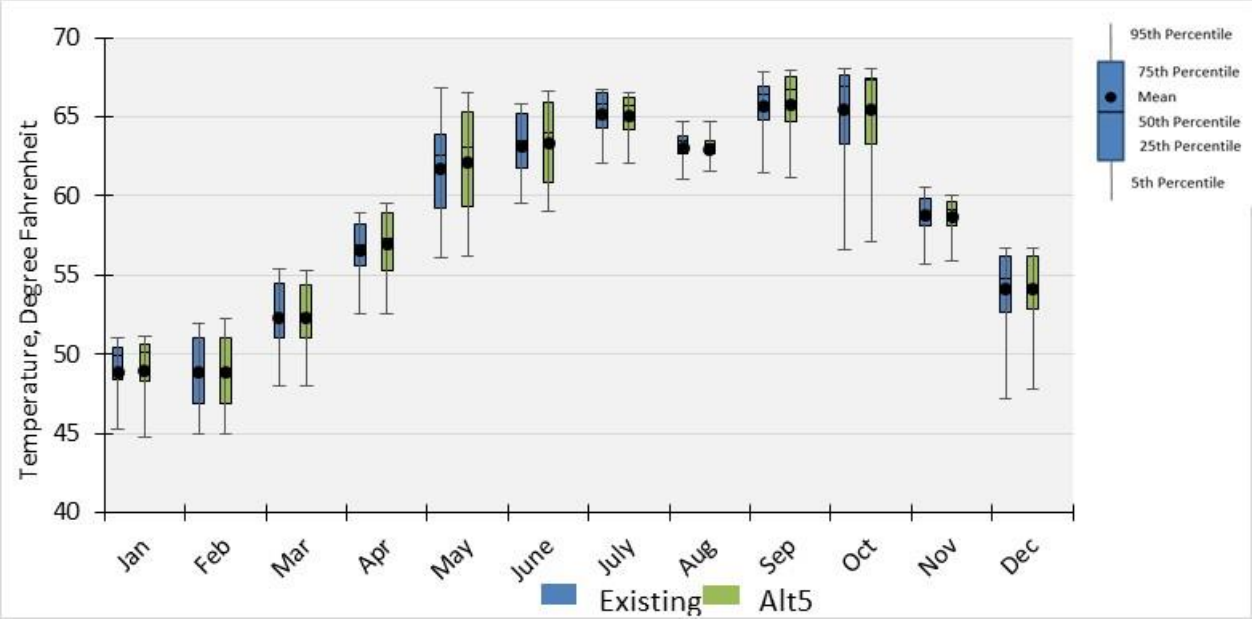
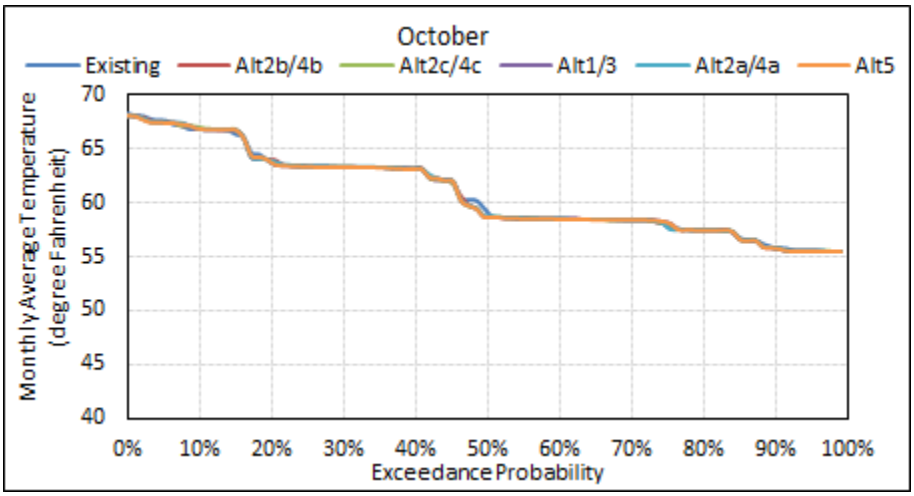
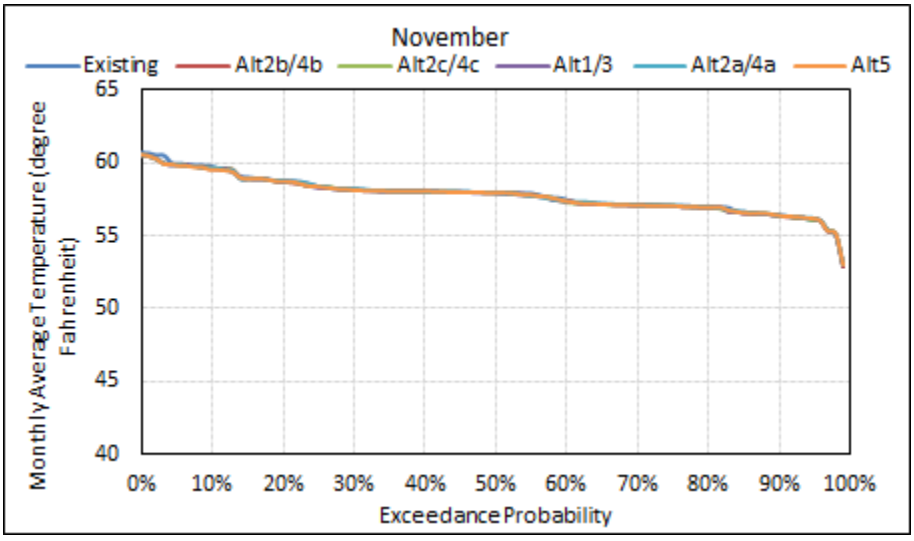


Figure 5A-D1.2.37-A. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





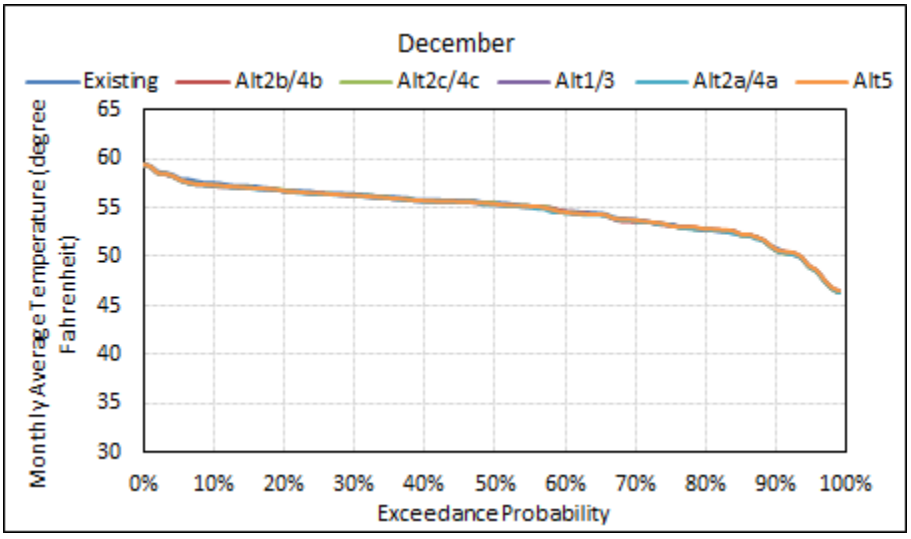
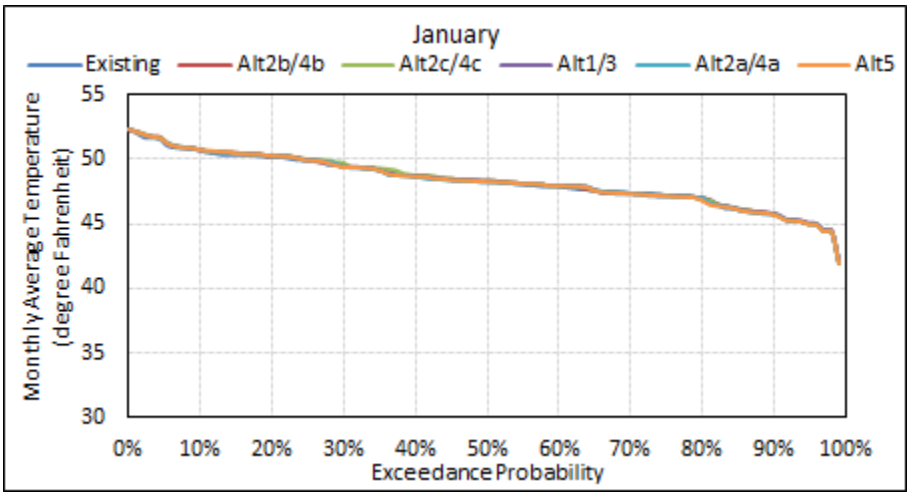
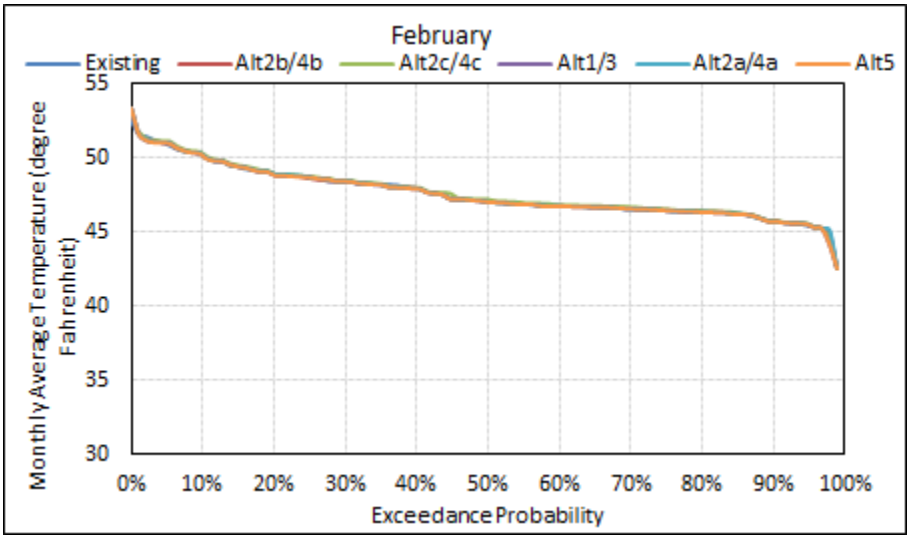


Figure 5A-D1.2.37-B. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





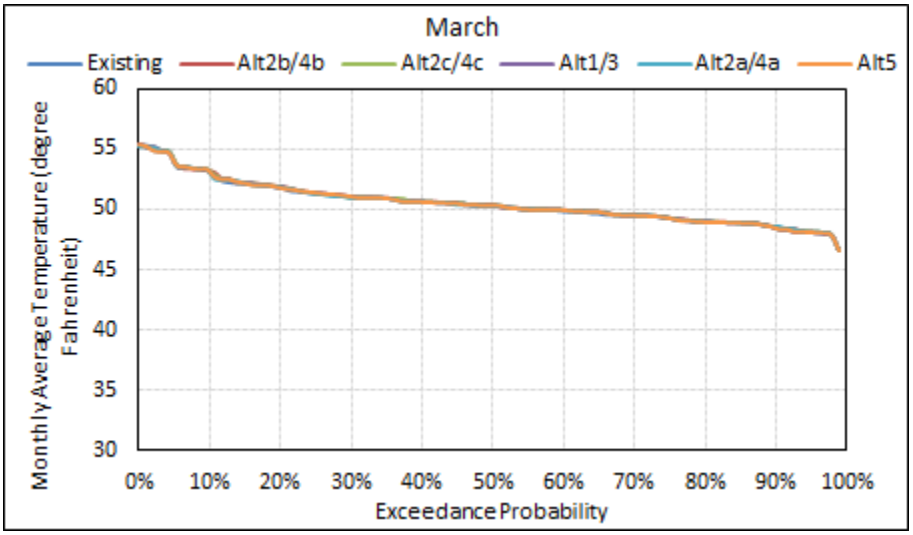
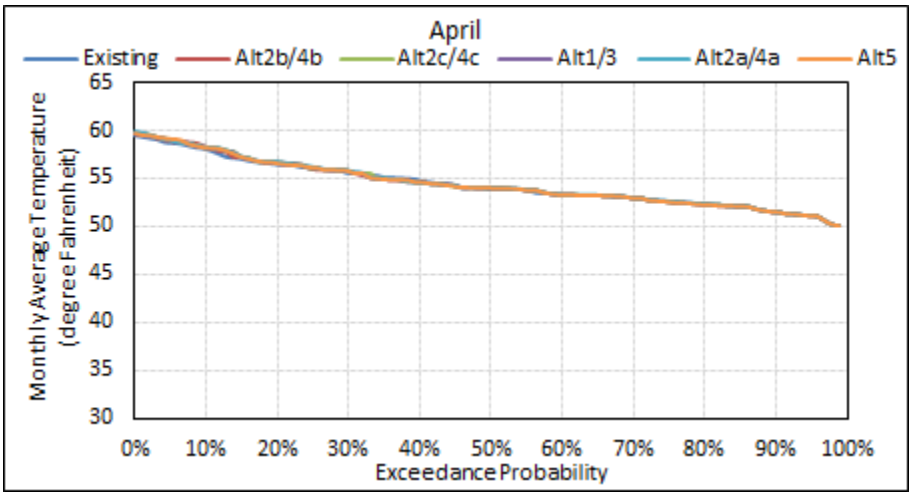
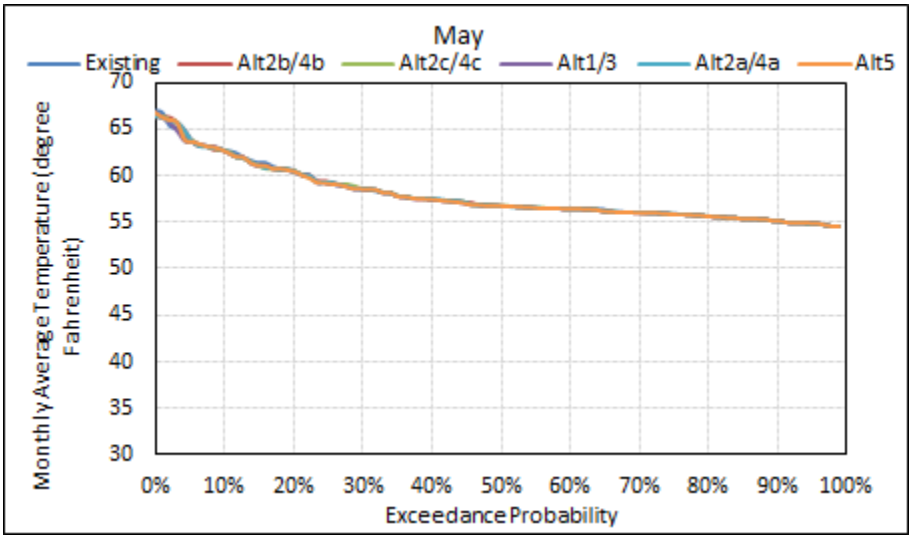


Figure 5A-D1.2.37-C. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





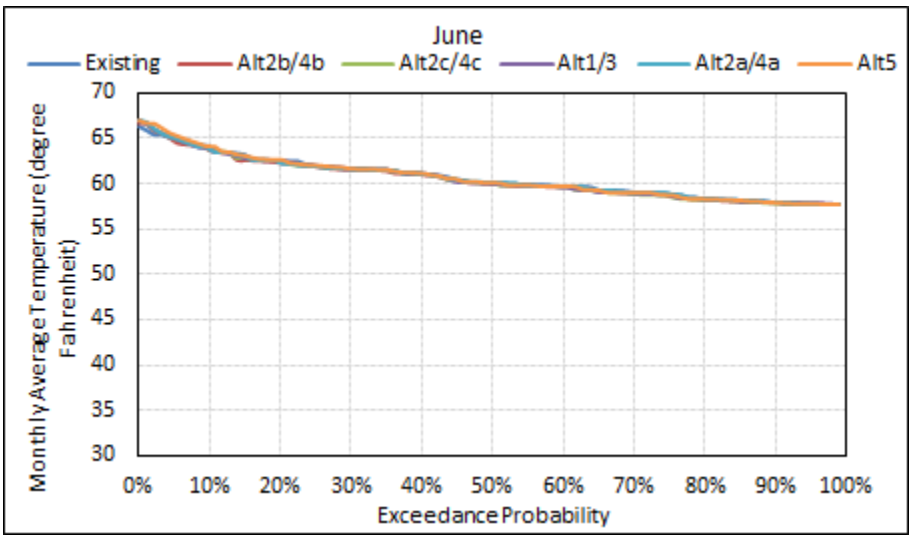
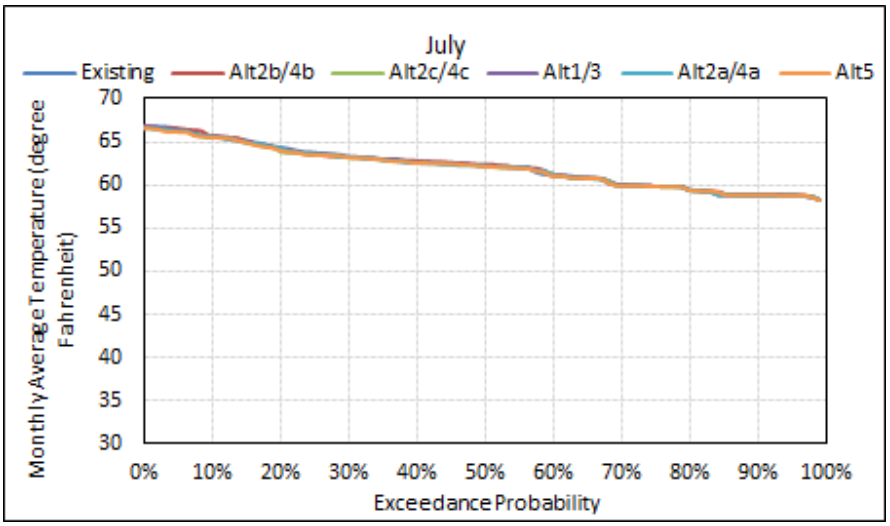
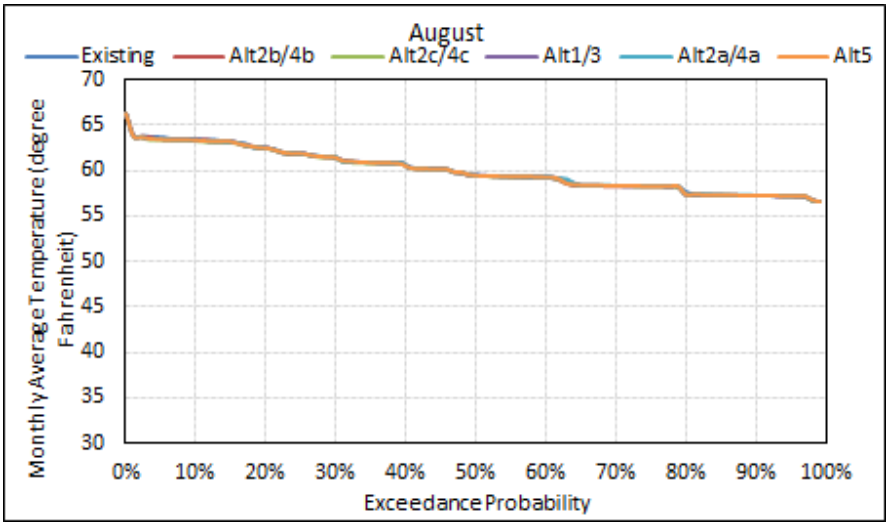


Figure 5A-D1.2.37-D. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





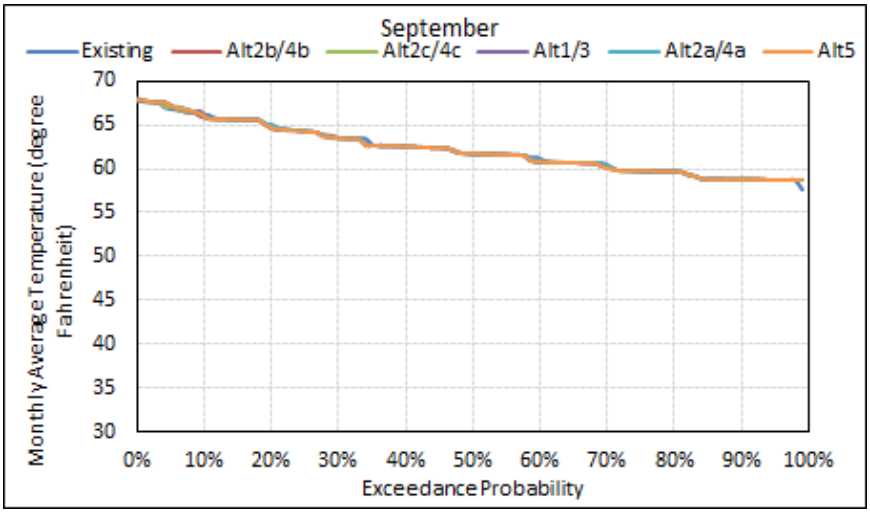


Figure 5A-D1.2.38. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

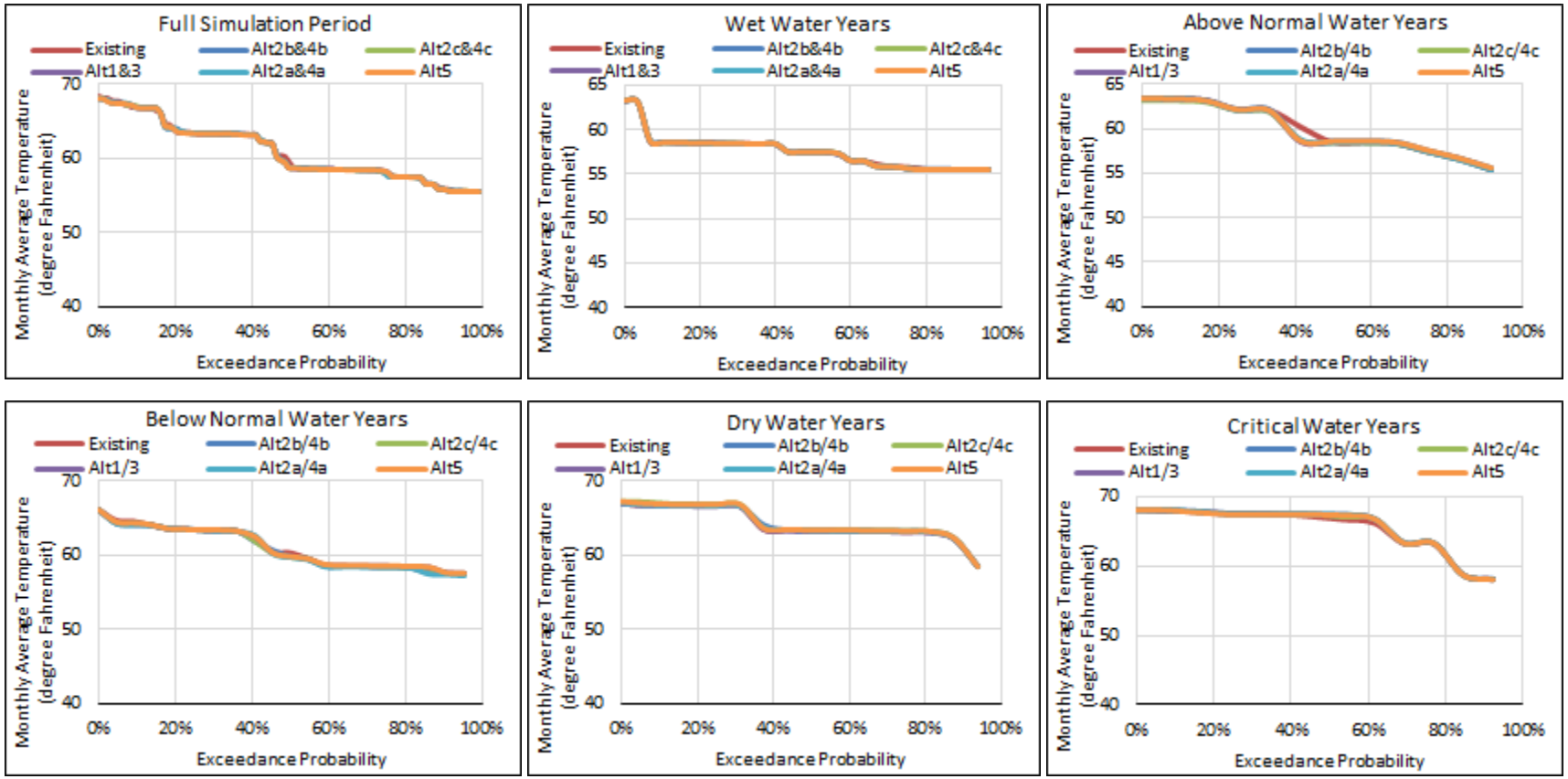


Figure 5A-D1.2.39. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

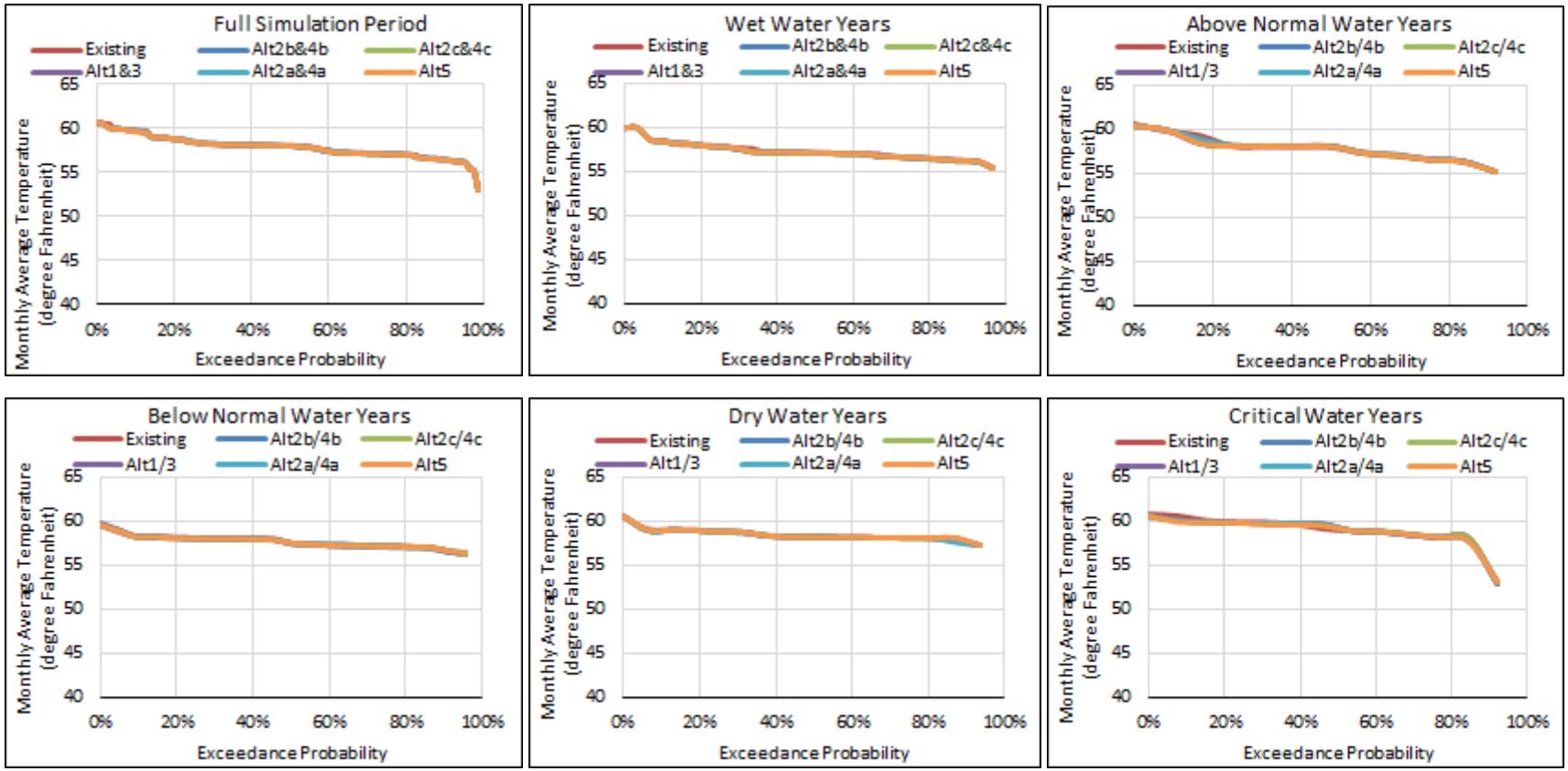


Figure 5A-D1.2.40. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

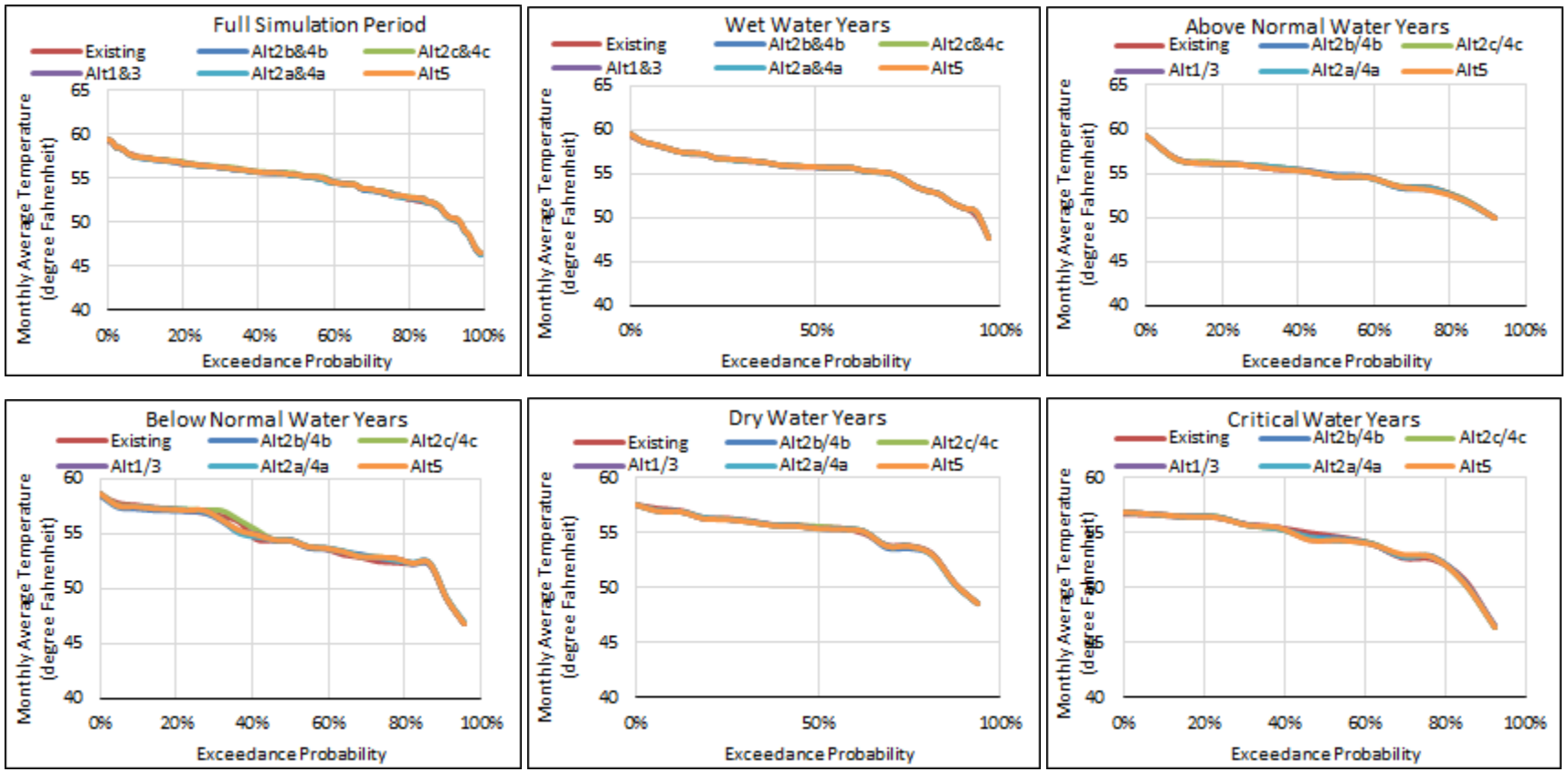


Figure 5A-D1.2.41. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

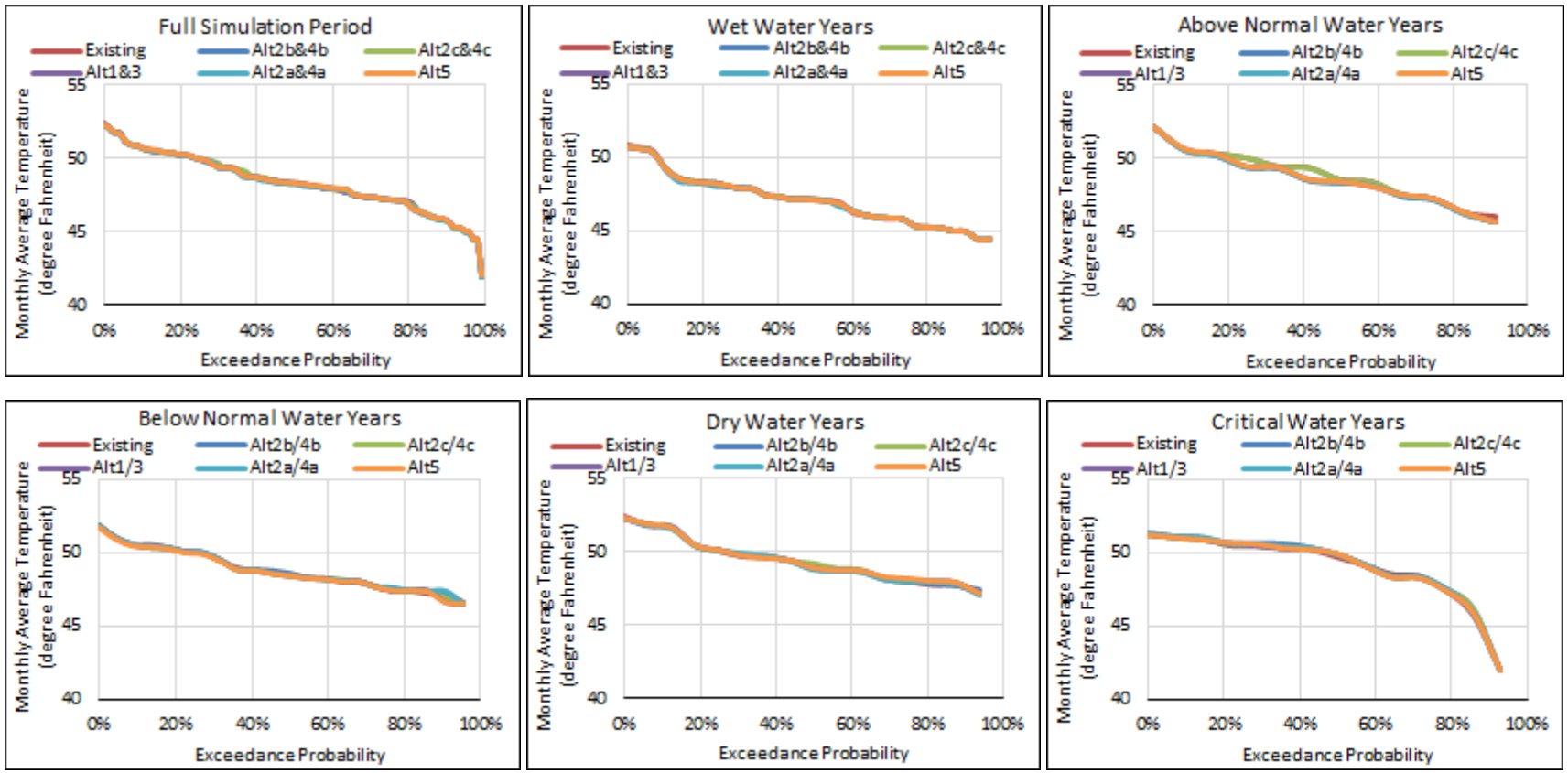


Figure 5A-D1.2.42. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

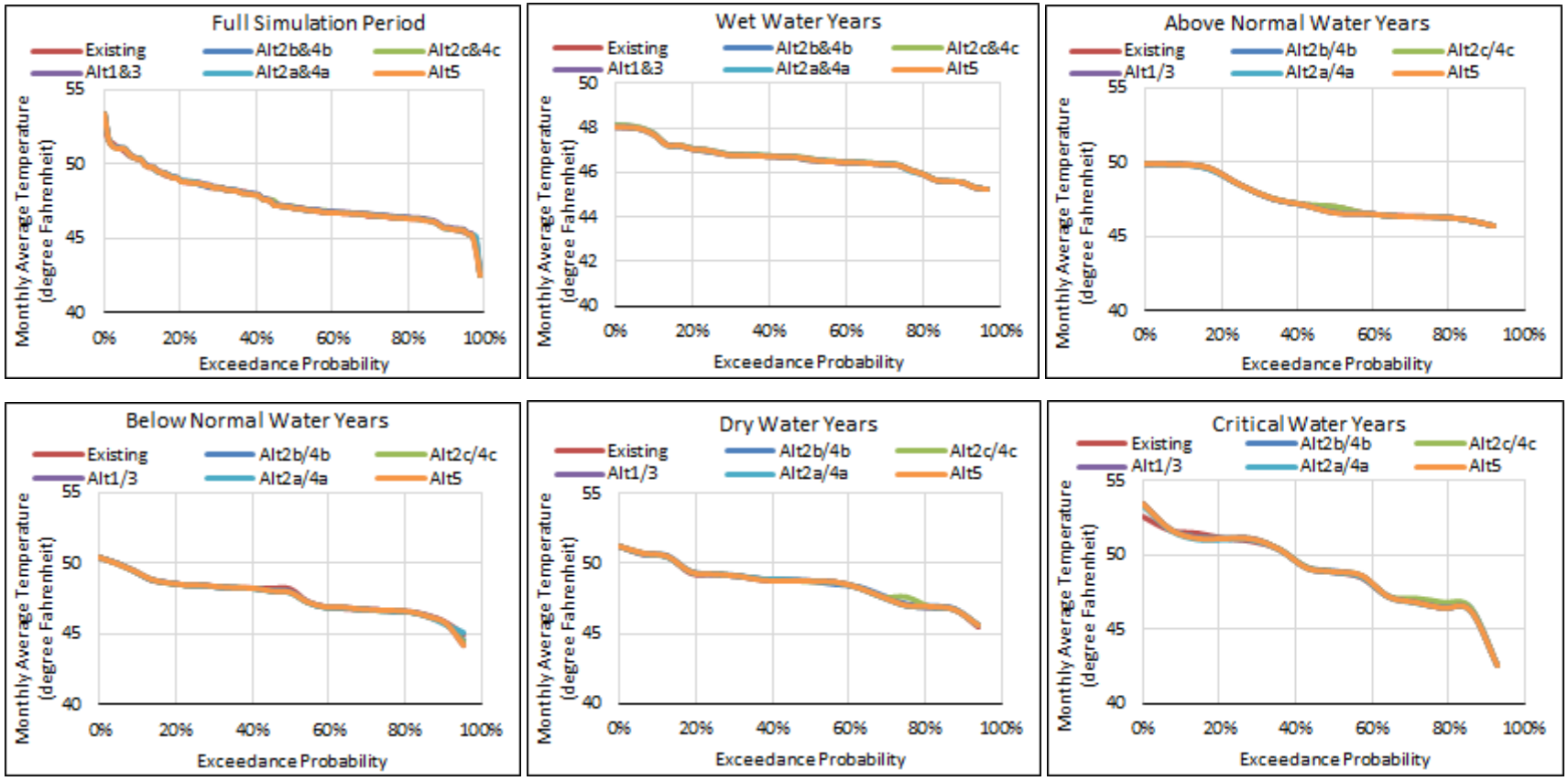


Figure 5A-D1.2.43. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

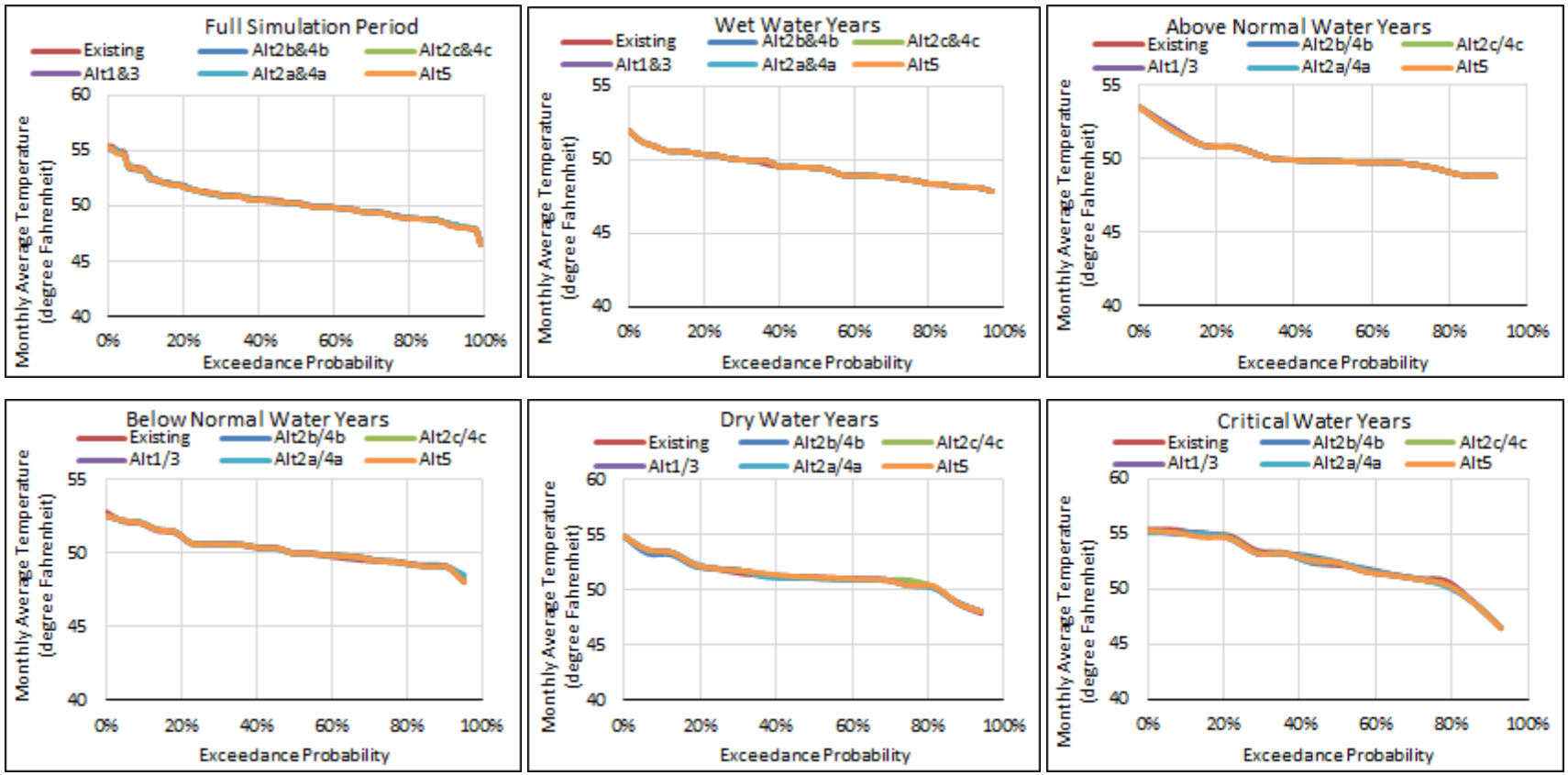


Figure 5A-D1.2.44. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

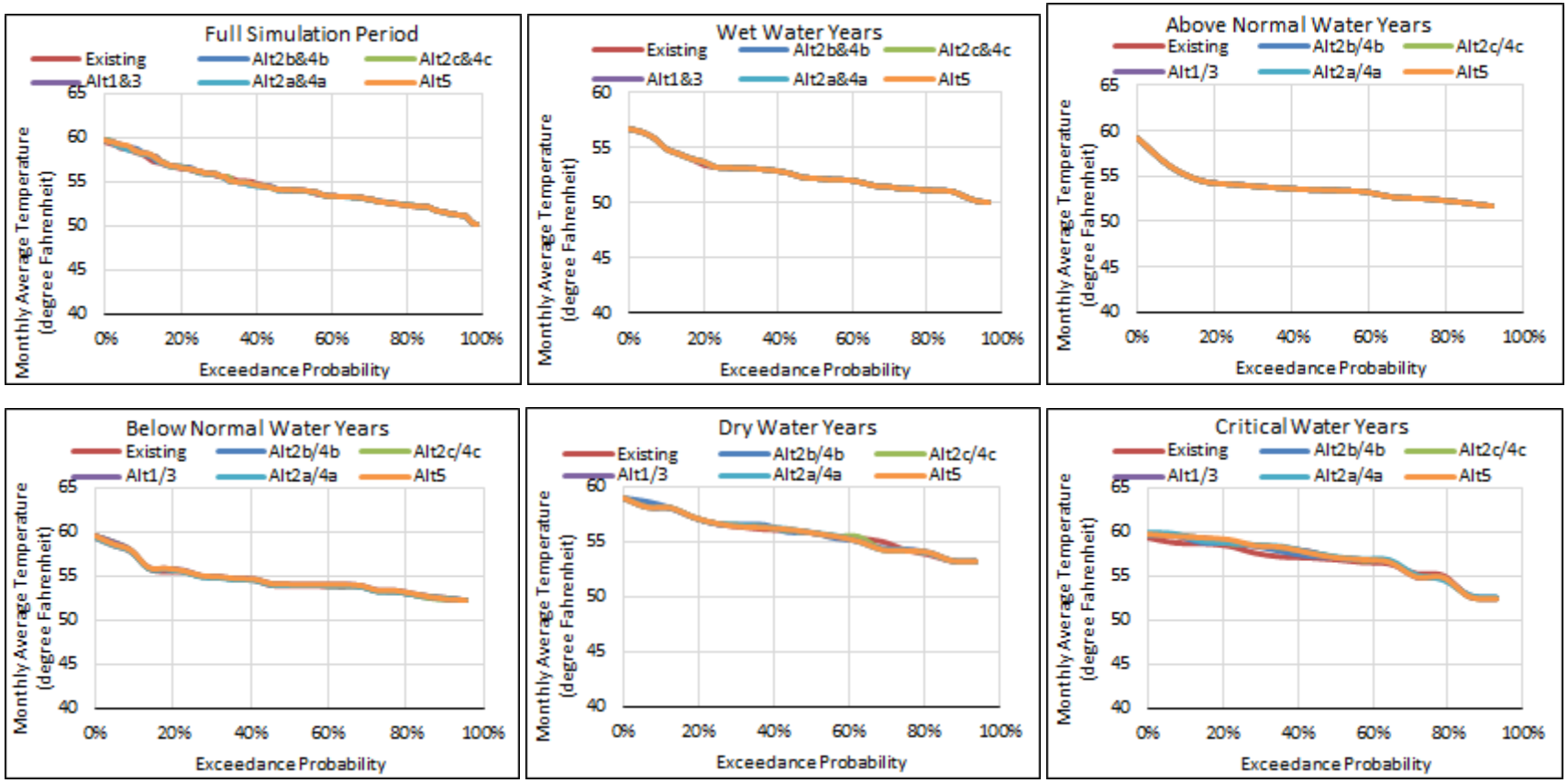


Figure 5A-D1.2.45. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

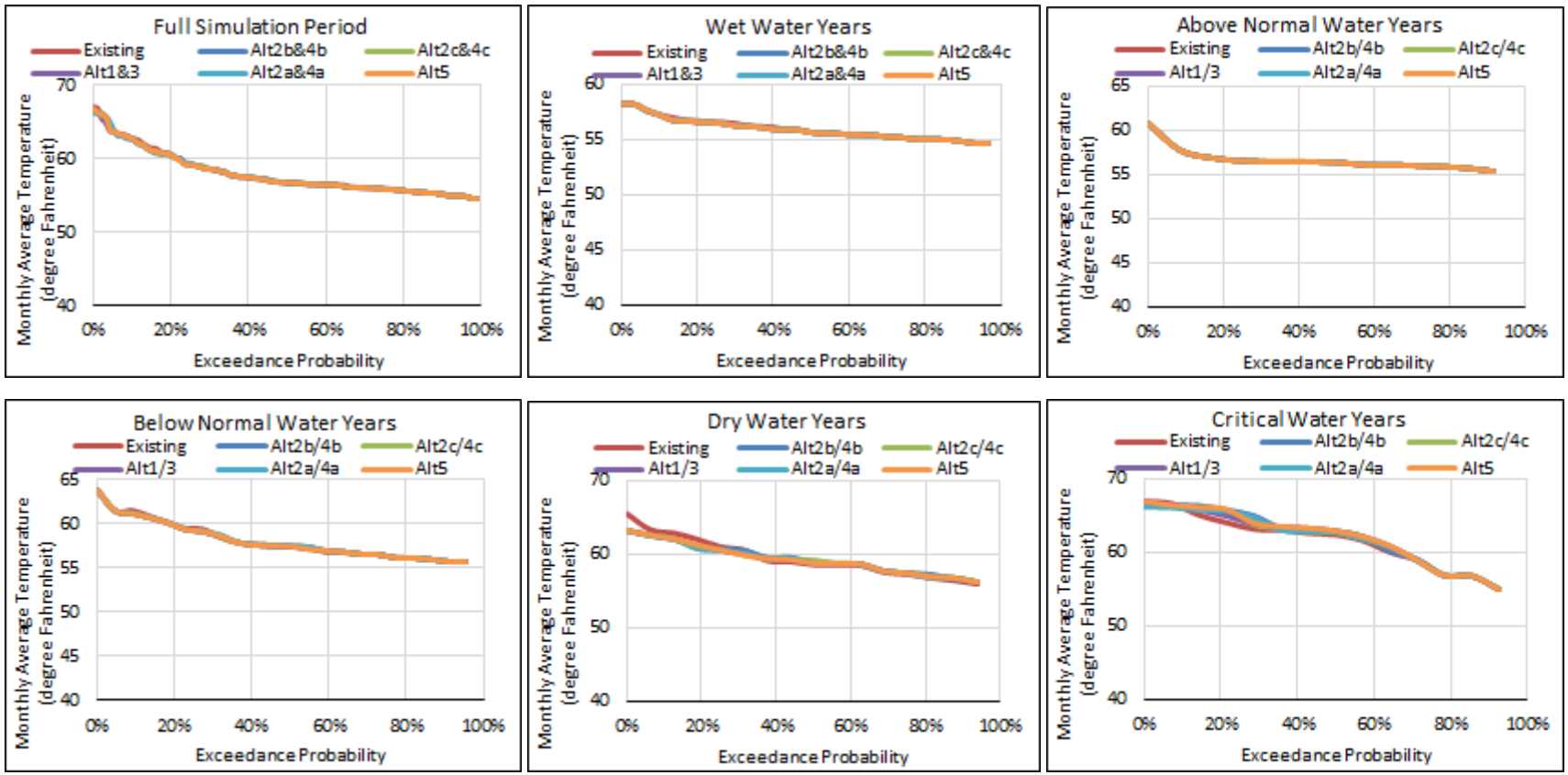


Figure 5A-D1.2.46. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

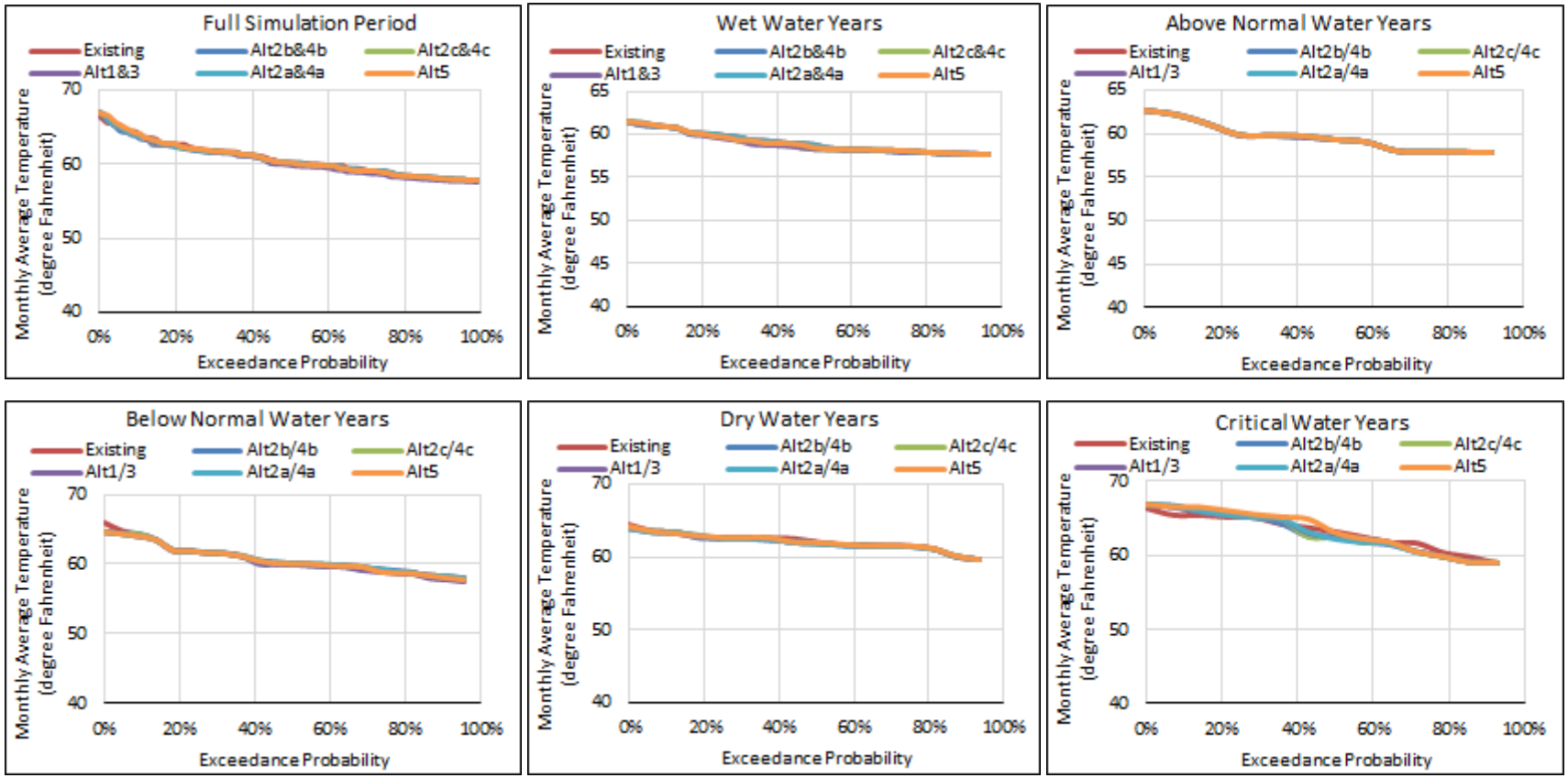


Figure 5A-D1.2.47. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

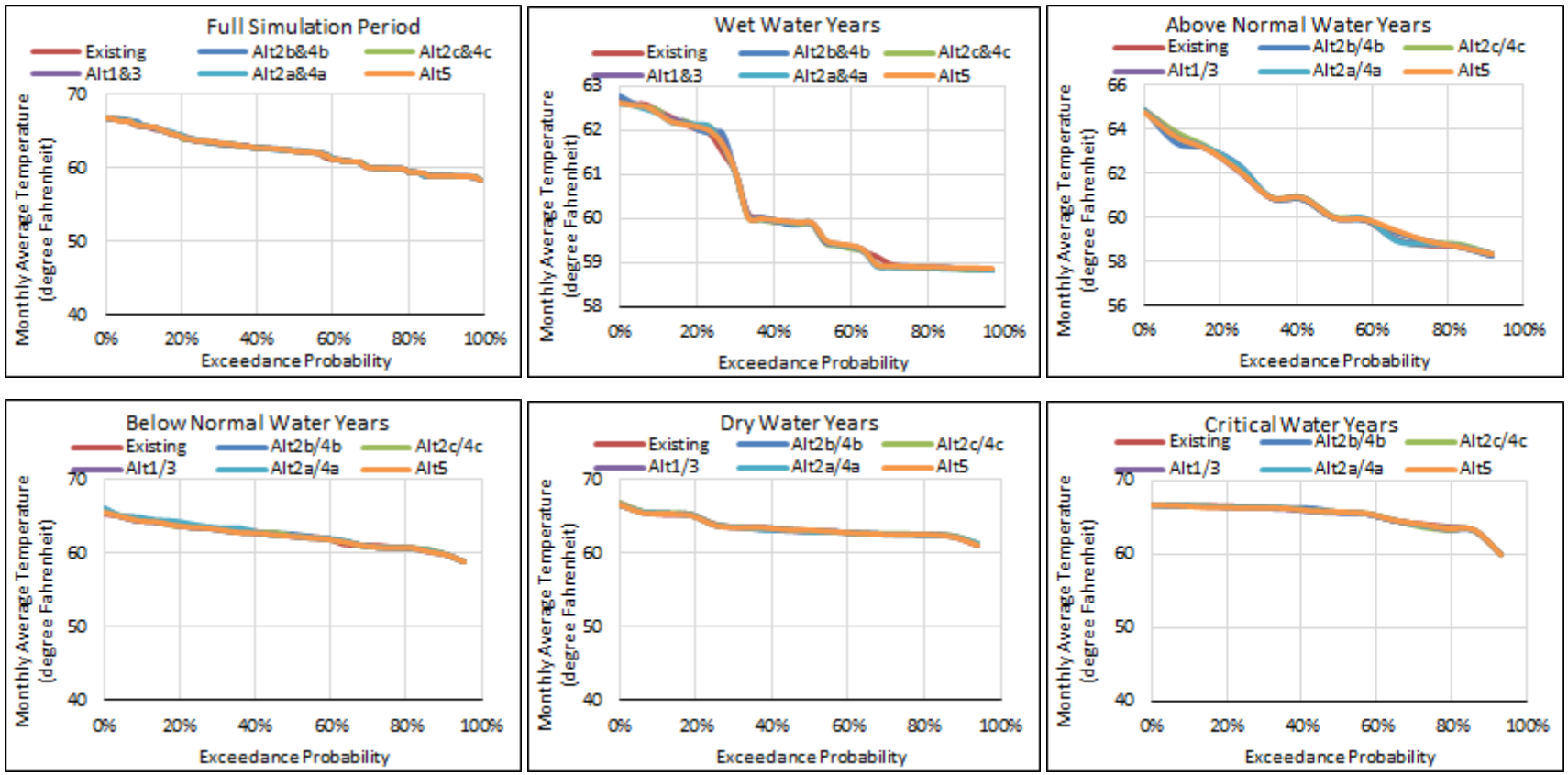


Figure 5A-D1.2.48. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

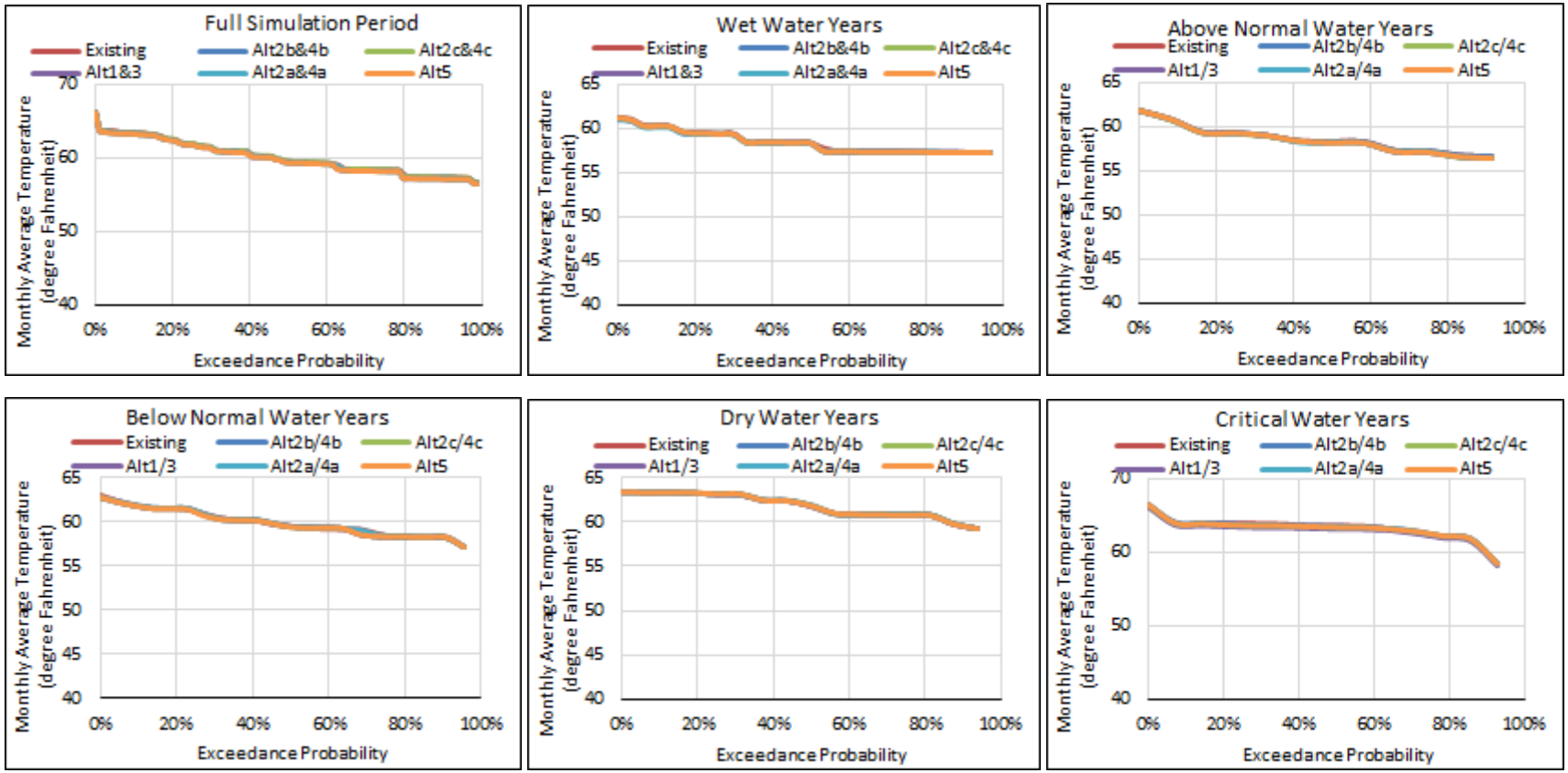
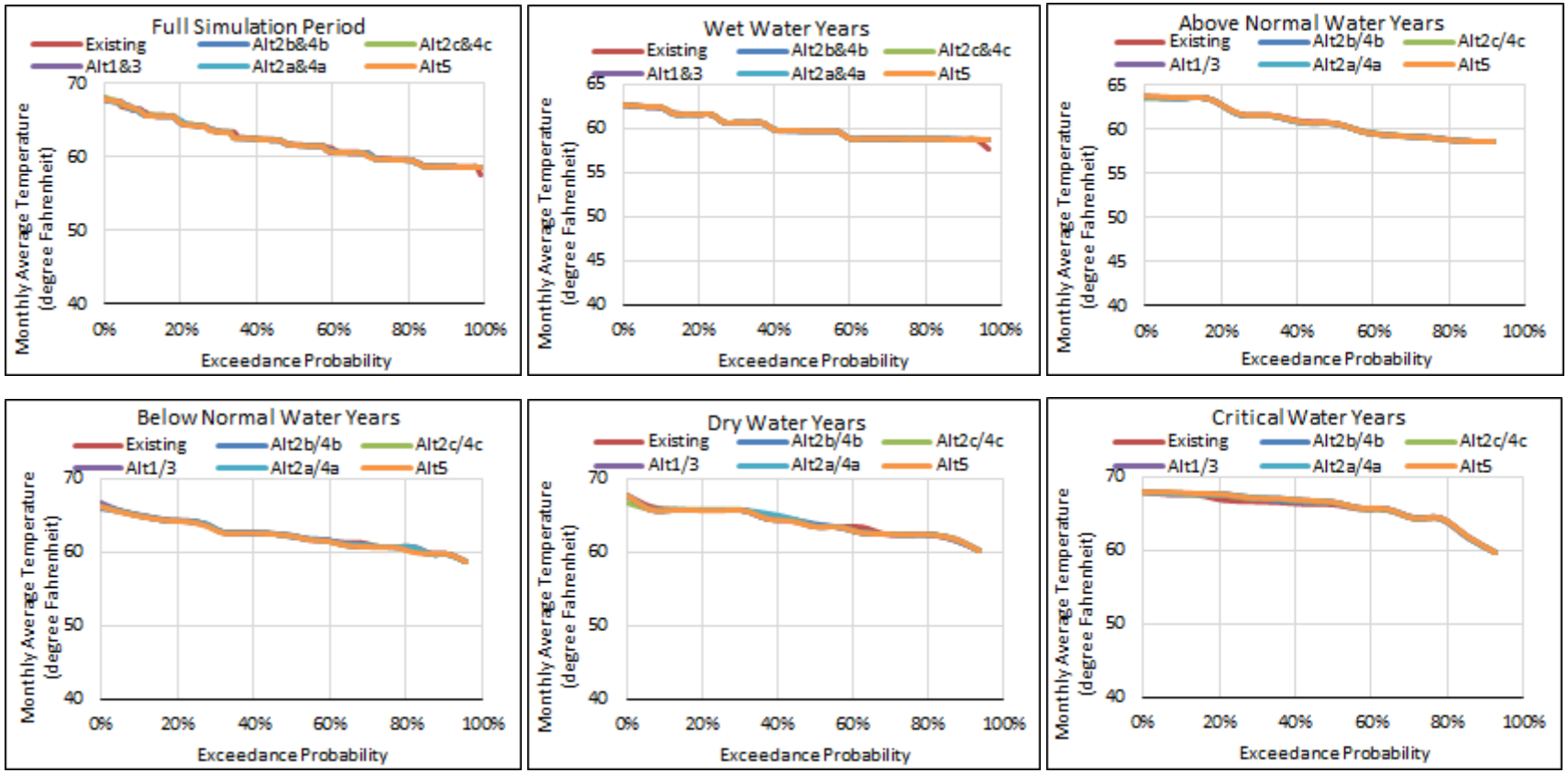


Figure 5A-D1.2.49. American River Below Folsom Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.3 American River Below Nimbus (Hazel Avenue)

Table 5A-D1.3.1-A. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65.9	59.3	56.6	50.3	50.4	53.9	59.7	64.6	66.5	68.1	66.0	67.0
20%	64.0	58.3	55.8	49.9	49.3	52.8	58.0	62.6	64.7	65.6	64.7	65.9
30%	63.1	58.0	55.2	49.2	48.8	51.8	57.5	60.9	63.7	64.7	63.2	64.5
40%	62.8	57.7	54.8	48.4	48.2	51.5	56.9	59.4	62.3	63.9	62.4	63.6
50%	60.4	57.5	54.4	48.1	47.3	51.1	55.4	58.1	61.2	63.5	61.6	62.9
60%	59.3	57.1	53.9	47.6	47.0	50.5	54.9	57.6	60.8	62.6	61.0	62.1
70%	58.9	56.8	53.1	47.2	46.8	50.2	54.1	57.0	60.2	62.0	60.3	61.5
80%	58.3	56.5	52.4	46.6	46.5	49.6	53.3	56.5	59.5	61.4	59.7	60.7
90%	57.0	56.2	50.9	45.7	46.0	48.9	52.1	55.8	58.7	60.7	58.7	60.1

Table 5A-D1.3.1-B. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	61.1	57.5	54.0	48.1	47.9	51.2	55.8	59.4	62.1	63.7	62.0	63.2
Wet Water Years	58.3	57.0	54.7	47.1	46.7	49.9	53.4	56.7	60.0	61.8	60.1	61.1
Above Normal Water Years	60.2	57.5	54.2	48.6	47.7	50.9	55.0	57.8	60.5	62.4	60.3	61.9
Below Normal Water Years	61.2	57.4	53.7	48.4	47.9	51.1	56.3	59.5	62.1	63.6	61.8	63.3
Dry Water Years	63.8	57.9	53.7	48.8	48.7	52.2	57.7	61.5	63.8	65.1	63.8	65.0
Critical Water Years	65.1	58.4	52.8	48.4	49.3	53.4	58.5	63.7	65.9	67.8	66.0	66.8

Table 5A-D1.3.1-C. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	65.9	59.5	56.2	50.3	50.5	53.9	59.9	64.5	66.0	68.2	65.9	67.0
20%	63.9	58.2	55.6	49.9	49.3	52.9	58.0	62.5	64.6	65.7	64.7	65.9
30%	63.2	57.9	55.2	49.2	48.8	51.8	57.6	60.9	63.2	64.6	63.2	64.6
40%	62.8	57.7	54.9	48.4	48.1	51.4	56.8	59.4	62.3	63.9	62.3	63.6
50%	59.8	57.4	54.4	48.2	47.3	51.0	55.4	58.1	61.2	63.6	61.7	62.9
60%	59.2	57.1	53.9	47.6	47.0	50.5	54.9	57.6	60.8	62.7	61.1	62.0
70%	58.9	56.8	53.1	47.2	46.7	50.2	54.1	56.9	60.1	62.0	60.3	61.5
80%	58.3	56.5	52.4	46.5	46.5	49.6	53.3	56.5	59.4	61.3	59.4	60.7
90%	57.0	56.2	50.9	45.8	46.0	49.0	52.1	55.8	58.6	60.7	58.7	60.1

Table 5A-D1.3.1-D. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	61.1	57.5	54.0	48.1	47.9	51.2	55.8	59.4	62.0	63.7	62.1	63.2
Wet Water Years	58.3	57.0	54.7	47.1	46.7	49.9	53.4	56.7	59.9	61.8	60.1	61.2
Above Normal Water Years	60.1	57.4	54.2	48.5	47.7	50.9	55.0	57.8	60.5	62.4	60.4	61.9
Below Normal Water Years	61.1	57.4	53.7	48.4	47.9	51.1	56.3	59.5	62.0	63.6	61.8	63.3
Dry Water Years	63.8	58.0	53.7	48.8	48.8	52.2	57.7	61.3	63.7	65.1	63.8	64.9
Critical Water Years	65.1	58.4	52.7	48.5	49.3	53.5	58.6	64.0	65.7	67.7	66.0	66.9

Table 5A-D1.3.1-E. American River Below Nimbus (Hazel Avenue), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.2	-0.3	0.0	0.1	0.0	0.2	-0.2	-0.5	0.1	-0.1	0.0
20%	-0.1	0.0	-0.2	0.0	0.0	0.1	-0.1	-0.1	-0.1	0.0	-0.1	0.0
30%	0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	-0.5	-0.1	0.0	0.1
40%	0.1	0.0	0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1	0.0
50%	-0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
80%	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.2	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0

Table 5A-D1.3.1-F. American River Below Nimbus (Hazel Avenue), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.1	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.3	-0.2	-0.1	0.0	0.1

Table 5A-D1.3.1-G. American River Below Nimbus (Hazel Avenue), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.3%	-0.6%	0.0%	0.2%	0.1%	0.3%	-0.3%	-0.7%	0.2%	-0.1%	0.0%
20%	-0.2%	-0.1%	-0.3%	0.0%	0.0%	0.1%	-0.1%	-0.1%	-0.2%	0.1%	-0.1%	0.0%
30%	0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.8%	-0.1%	-0.1%	0.1%
40%	0.1%	0.1%	0.2%	0.0%	-0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%
50%	-1.0%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	0.1%
60%	-0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.2%	0.0%	-0.1%
70%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.1%	-0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.3%	-0.2%	-0.4%	0.0%
90%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%

Table 5A-D1.3.1-H. American River Below Nimbus (Hazel Avenue), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-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	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.2%	-0.2%	0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%
Below Normal Water Years	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	-0.1%
Dry Water Years	0.0%	0.1%	-0.1%	0.1%	0.0%	-0.2%	0.0%	-0.3%	-0.2%	0.0%	0.1%	-0.1%
Critical Water Years	0.0%	0.1%	-0.1%	0.3%	0.0%	0.1%	0.2%	0.5%	-0.4%	-0.1%	0.0%	0.1%

Table 5A-D1.3.2-A. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.0	59.5	56.3	50.3	50.4	54.0	59.8	64.2	65.9	68.2	65.8	67.1
20%	63.9	58.2	55.7	49.9	49.3	52.9	58.0	62.6	64.6	65.7	64.7	66.0
30%	63.1	58.0	55.2	49.2	48.8	51.9	57.6	61.0	63.3	64.6	63.2	64.4
40%	62.8	57.7	54.9	48.4	48.1	51.4	56.8	59.3	62.3	63.9	62.3	63.6
50%	59.8	57.5	54.4	48.2	47.3	51.0	55.4	58.1	61.3	63.5	61.7	62.9
60%	59.1	57.1	53.9	47.5	47.0	50.5	54.9	57.6	60.7	62.7	61.2	62.0
70%	58.9	56.7	53.1	47.2	46.8	50.2	54.1	56.9	60.0	62.0	60.3	61.5
80%	58.4	56.5	52.4	46.6	46.5	49.6	53.3	56.5	59.4	61.2	59.4	60.8
90%	57.0	56.2	50.9	45.8	46.0	48.9	52.1	55.8	58.7	60.6	58.7	60.2

Table 5A-D1.3.2-B. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	61.1	57.5	54.0	48.1	47.9	51.2	55.8	59.4	62.0	63.7	62.0	63.2
Wet Water Years	58.3	57.0	54.7	47.1	46.7	49.9	53.4	56.7	59.9	61.8	60.1	61.2
Above Normal Water Years	60.1	57.4	54.3	48.6	47.7	50.9	55.0	57.8	60.5	62.4	60.4	61.9
Below Normal Water Years	61.1	57.4	53.8	48.4	47.9	51.1	56.3	59.5	61.9	63.6	61.8	63.3
Dry Water Years	63.8	58.0	53.7	48.8	48.8	52.3	57.7	61.3	63.8	65.1	63.8	64.8
Critical Water Years	65.1	58.4	52.7	48.5	49.3	53.5	58.7	64.0	65.7	67.7	66.0	66.9

Table 5A-D1.3.2-C. American River Below Nimbus (Hazel Avenue), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.2	-0.2	0.0	0.0	0.1	0.2	-0.4	-0.5	0.1	-0.2	0.1
20%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	-0.1	0.1
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.5	-0.1	0.0	-0.1
40%	0.0	0.0	0.2	0.0	-0.1	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.0
50%	-0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.1
80%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.2	-0.2	0.0
90%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0

Table 5A-D1.3.2-D. American River Below Nimbus (Hazel Avenue), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.3	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.0	-0.1	0.1	0.0	0.0	0.2	0.3	-0.2	-0.2	-0.1	0.1

Table 5A-D1.3.2-E. American River Below Nimbus (Hazel Avenue), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.3%	-0.4%	0.0%	0.1%	0.2%	0.3%	-0.7%	-0.8%	0.2%	-0.2%	0.1%
20%	-0.2%	-0.1%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.2%	0.1%	-0.1%	0.1%
30%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.2%	-0.7%	-0.1%	-0.1%	-0.1%
40%	0.0%	0.0%	0.3%	0.1%	-0.2%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%
50%	-1.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%
60%	-0.2%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.1%	-0.1%	0.2%	0.2%	-0.1%
70%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.5%	0.1%	0.1%	0.1%
80%	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.3%	-0.3%	-0.4%	0.1%
90%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%

Table 5A-D1.3.2-F. American River Below Nimbus (Hazel Avenue), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.2%	-0.1%	0.0%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.2%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%
Below Normal Water Years	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.0%	0.0%
Dry Water Years	0.0%	0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	-0.4%	-0.1%	0.0%	0.1%	-0.2%
Critical Water Years	0.0%	0.1%	-0.1%	0.3%	0.1%	0.1%	0.3%	0.5%	-0.3%	-0.2%	-0.1%	0.2%

Table 5A-D1.3.3-A. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.0	59.5	56.3	50.3	50.4	54.0	59.8	64.2	66.0	68.2	65.8	67.1
20%	63.9	58.2	55.6	49.9	49.3	52.9	58.0	62.6	64.6	65.7	64.7	65.9
30%	63.1	58.0	55.2	49.2	48.9	51.8	57.5	60.9	63.2	64.6	63.2	64.4
40%	62.8	57.7	54.8	48.4	48.1	51.4	56.8	59.2	62.3	63.9	62.3	63.6
50%	59.8	57.5	54.4	48.2	47.3	51.0	55.4	58.0	61.2	63.5	61.7	62.9
60%	59.1	57.1	53.9	47.5	47.0	50.5	54.9	57.6	60.7	62.7	61.2	62.0
70%	58.9	56.8	53.1	47.2	46.7	50.2	54.1	56.9	60.0	62.0	60.3	61.5
80%	58.3	56.5	52.4	46.6	46.5	49.6	53.2	56.5	59.4	61.2	59.4	60.7
90%	57.0	56.2	50.9	45.7	46.0	48.9	52.1	55.8	58.6	60.6	58.7	60.2

Table 5A-D1.3.3-B. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	61.1	57.5	54.0	48.1	47.9	51.2	55.8	59.4	62.0	63.7	62.0	63.2
Wet Water Years	58.3	57.0	54.7	47.1	46.7	49.9	53.4	56.7	59.9	61.8	60.1	61.2
Above Normal Water Years	60.1	57.4	54.2	48.5	47.7	50.9	55.0	57.8	60.5	62.3	60.4	61.9
Below Normal Water Years	61.1	57.4	53.7	48.4	47.9	51.1	56.3	59.5	61.9	63.6	61.9	63.3
Dry Water Years	63.8	58.0	53.7	48.8	48.8	52.3	57.7	61.3	63.7	65.1	63.8	64.9
Critical Water Years	65.1	58.4	52.7	48.5	49.3	53.4	58.7	64.1	65.8	67.7	65.9	66.9

Table 5A-D1.3.3-C. American River Below Nimbus (Hazel Avenue), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.2	-0.2	0.0	0.0	0.1	0.2	-0.4	-0.5	0.1	-0.2	0.0
20%	-0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	-0.1	0.1	-0.1	0.0
30%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	-0.1	0.0	-0.1
40%	0.0	0.0	0.1	0.0	-0.1	-0.1	-0.1	-0.2	0.0	0.0	-0.1	0.0
50%	-0.6	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1
70%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.2	-0.3	0.0
90%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0

Table 5A-D1.3.3-D. American River Below Nimbus (Hazel Avenue), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.0	-0.1	0.1	0.0	0.0	0.2	0.3	-0.2	-0.1	-0.1	0.1

Table 5A-D1.3.3-E. American River Below Nimbus (Hazel Avenue), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.3%	-0.4%	0.0%	0.0%	0.2%	0.3%	-0.6%	-0.7%	0.1%	-0.3%	0.1%
20%	-0.2%	-0.1%	-0.2%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.2%	0.1%	-0.1%	0.0%
30%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	-0.2%	-0.1%	-0.1%
40%	0.0%	-0.1%	0.1%	0.0%	-0.2%	-0.2%	-0.1%	-0.3%	0.0%	0.0%	-0.1%	0.0%
50%	-1.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.1%	0.1%
60%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.2%	0.2%	0.2%	-0.2%
70%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.5%	0.0%	0.1%	0.1%
80%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.3%	0.0%	-0.3%	-0.4%	-0.4%	0.0%
90%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.1%	0.0%

Table 5A-D1.3.3-F. American River Below Nimbus (Hazel Avenue), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-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	0.0%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.1%	-0.4%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.2%	0.0%
Below Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.4%	-0.1%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.0%	0.0%	-0.1%
Critical Water Years	0.0%	0.0%	-0.1%	0.2%	0.0%	0.0%	0.3%	0.5%	-0.3%	-0.1%	-0.1%	0.2%

Table 5A-D1.3.4-A. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.0	59.5	56.3	50.3	50.4	54.0	59.8	64.3	65.9	68.2	65.8	67.1
20%	63.9	58.3	55.6	49.9	49.3	52.8	58.0	62.6	64.6	65.7	64.7	65.9
30%	63.1	58.0	55.2	49.2	48.8	51.7	57.5	60.9	63.2	64.6	63.3	64.4
40%	62.7	57.7	54.8	48.4	48.1	51.4	56.8	59.2	62.3	63.9	62.4	63.6
50%	59.8	57.4	54.4	48.1	47.3	51.0	55.4	58.1	61.3	63.5	61.8	62.9
60%	59.2	57.1	53.8	47.5	47.0	50.5	54.9	57.7	60.8	62.7	61.2	62.0
70%	58.9	56.8	53.2	47.3	46.7	50.2	54.1	56.9	60.2	62.1	60.3	61.5
80%	58.3	56.5	52.4	46.7	46.5	49.6	53.3	56.5	59.5	61.2	59.4	60.7
90%	57.0	56.2	50.9	45.7	46.0	49.1	52.1	55.8	58.7	60.6	58.7	60.1

Table 5A-D1.3.4-B. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	61.1	57.5	54.0	48.1	47.9	51.2	55.8	59.4	62.0	63.7	62.1	63.3
Wet Water Years	58.3	57.0	54.7	47.1	46.7	49.9	53.4	56.7	60.0	61.8	60.1	61.2
Above Normal Water Years	60.1	57.5	54.2	48.5	47.7	50.9	55.0	57.8	60.5	62.4	60.4	61.9
Below Normal Water Years	61.1	57.4	53.7	48.4	47.9	51.1	56.3	59.5	62.1	63.7	61.9	63.3
Dry Water Years	63.8	58.0	53.7	48.8	48.8	52.2	57.7	61.3	63.7	65.1	63.9	64.9
Critical Water Years	65.1	58.4	52.7	48.5	49.3	53.4	58.6	64.1	65.7	67.7	66.0	66.9

Table 5A-D1.3.4-C. American River Below Nimbus (Hazel Avenue), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.2	-0.3	0.0	0.0	0.1	0.2	-0.4	-0.5	0.1	-0.2	0.1
20%	-0.2	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0
30%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.5	0.0	0.1	-0.1
40%	0.0	0.0	0.1	0.0	-0.1	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0
50%	-0.6	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.2	0.0
60%	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.1	-0.1
70%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
80%	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0

Table 5A-D1.3.4-D. American River Below Nimbus (Hazel Avenue), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	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	-0.1	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.1	0.0	0.1	0.0
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.3	-0.2	-0.1	-0.1	0.1

Table 5A-D1.3.4-E. American River Below Nimbus (Hazel Avenue), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.3%	-0.5%	-0.1%	0.1%	0.2%	0.3%	-0.6%	-0.8%	0.2%	-0.2%	0.1%
20%	-0.2%	0.1%	-0.3%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.2%	0.1%	-0.1%	0.0%
30%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.8%	-0.1%	0.1%	-0.1%
40%	-0.1%	-0.1%	0.1%	-0.1%	-0.2%	-0.2%	-0.1%	-0.3%	0.0%	0.0%	-0.1%	0.0%
50%	-1.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.3%	0.1%
60%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%	0.2%	-0.1%
70%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.0%
80%	-0.1%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.3%	-0.4%	0.0%
90%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.3%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%

Table 5A-D1.3.4-F. American River Below Nimbus (Hazel Avenue), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.2%	-0.1%	0.0%	-0.4%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%
Below Normal Water Years	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.5%	-0.1%	0.0%	0.2%	0.0%
Critical Water Years	0.0%	0.0%	-0.1%	0.2%	0.0%	0.0%	0.2%	0.5%	-0.3%	-0.2%	-0.1%	0.2%

Table 5A-D1.3.5-A. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.0	59.5	56.3	50.3	50.4	54.0	59.8	64.2	66.0	68.2	65.8	67.1
20%	64.0	58.2	55.6	49.9	49.3	52.9	58.0	62.6	64.6	65.7	64.7	65.9
30%	63.1	58.0	55.2	49.2	48.8	51.8	57.5	60.9	63.2	64.5	63.2	64.4
40%	62.8	57.7	54.8	48.4	48.1	51.4	56.8	59.2	62.3	63.8	62.3	63.6
50%	59.8	57.5	54.4	48.2	47.3	51.0	55.4	58.0	61.3	63.5	61.7	62.9
60%	59.1	57.1	53.9	47.5	46.9	50.5	54.9	57.6	60.8	62.7	61.2	62.0
70%	58.9	56.7	53.0	47.2	46.7	50.2	54.1	56.9	60.0	62.1	60.3	61.5
80%	58.3	56.5	52.4	46.6	46.5	49.6	53.2	56.5	59.4	61.2	59.4	60.7
90%	57.0	56.2	50.9	45.6	46.0	48.9	52.1	55.8	58.7	60.7	58.7	60.1

Table 5A-D1.3.5-B. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	61.1	57.5	54.0	48.1	47.9	51.2	55.8	59.4	62.0	63.7	62.0	63.2
Wet Water Years	58.3	57.0	54.7	47.1	46.7	49.9	53.4	56.7	59.9	61.8	60.1	61.2
Above Normal Water Years	60.1	57.4	54.2	48.5	47.7	50.9	55.0	57.8	60.5	62.4	60.4	61.9
Below Normal Water Years	61.1	57.4	53.7	48.4	47.9	51.1	56.3	59.5	62.0	63.6	61.8	63.3
Dry Water Years	63.8	58.0	53.7	48.8	48.8	52.3	57.7	61.3	63.7	65.1	63.8	64.9
Critical Water Years	65.1	58.4	52.7	48.5	49.3	53.4	58.7	64.1	66.0	67.7	65.9	66.9

Table 5A-D1.3.5-C. American River Below Nimbus (Hazel Avenue), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.2	-0.2	0.0	0.0	0.1	0.2	-0.4	-0.4	0.1	-0.2	0.0
20%	-0.1	-0.1	-0.1	0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5	-0.1	0.0	-0.1
40%	0.0	0.0	0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1	0.0
50%	-0.6	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	-0.1
70%	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.3	0.1	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.2	-0.2	0.0
90%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.3.5-D. American River Below Nimbus (Hazel Avenue), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.0	-0.1	0.1	0.0	0.0	0.1	0.3	0.1	-0.1	-0.1	0.1

Table 5A-D1.3.5-E. American River Below Nimbus (Hazel Avenue), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.3%	-0.4%	0.0%	0.0%	0.2%	0.3%	-0.6%	-0.7%	0.2%	-0.3%	0.1%
20%	-0.1%	-0.1%	-0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.1%	-0.1%	0.0%
30%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	-0.2%	-0.1%	-0.1%
40%	0.0%	-0.1%	0.1%	0.0%	-0.2%	-0.2%	-0.1%	-0.2%	0.0%	0.0%	-0.2%	0.0%
50%	-1.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%	0.1%	0.0%	0.1%	0.1%
60%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%	0.2%	0.3%	-0.1%
70%	0.0%	-0.1%	-0.2%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.4%	0.1%	0.1%	0.0%
80%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.3%	0.0%	-0.2%	-0.3%	-0.4%	0.0%
90%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%

Table 5A-D1.3.5-F. American River Below Nimbus (Hazel Avenue), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.0%	-0.4%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%
Below Normal Water Years	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.5%	-0.1%	0.0%	0.0%	-0.1%
Critical Water Years	0.0%	0.0%	-0.2%	0.2%	0.0%	0.0%	0.2%	0.5%	0.1%	-0.2%	-0.2%	0.2%

Figure 5A-D1.3.1. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

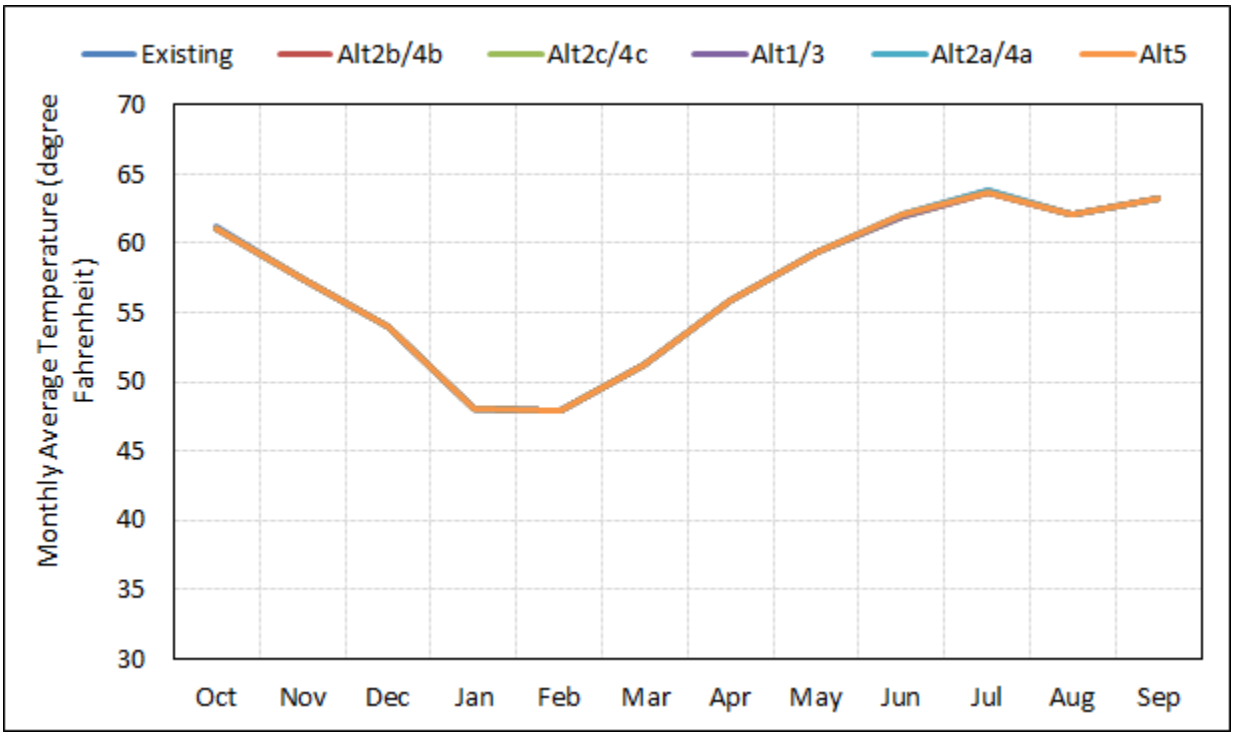


Figure 5A-D1.3.2. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

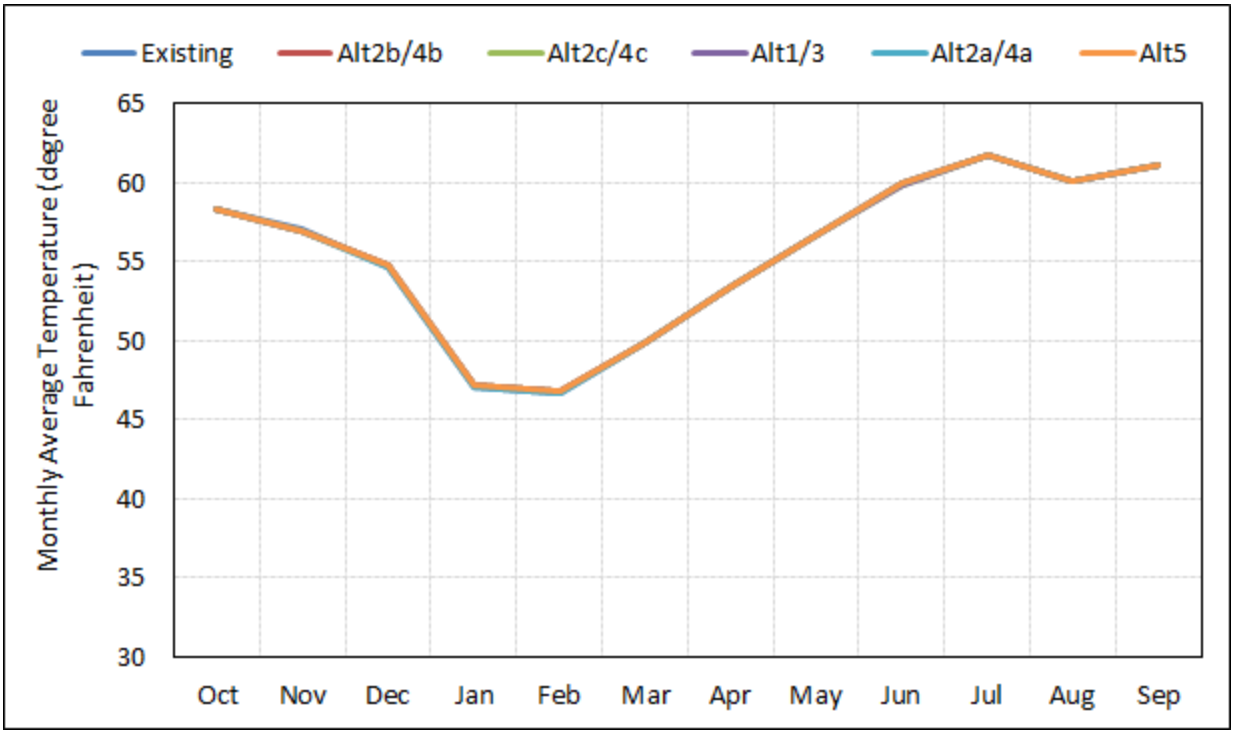


Figure 5A-D1.3.3. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

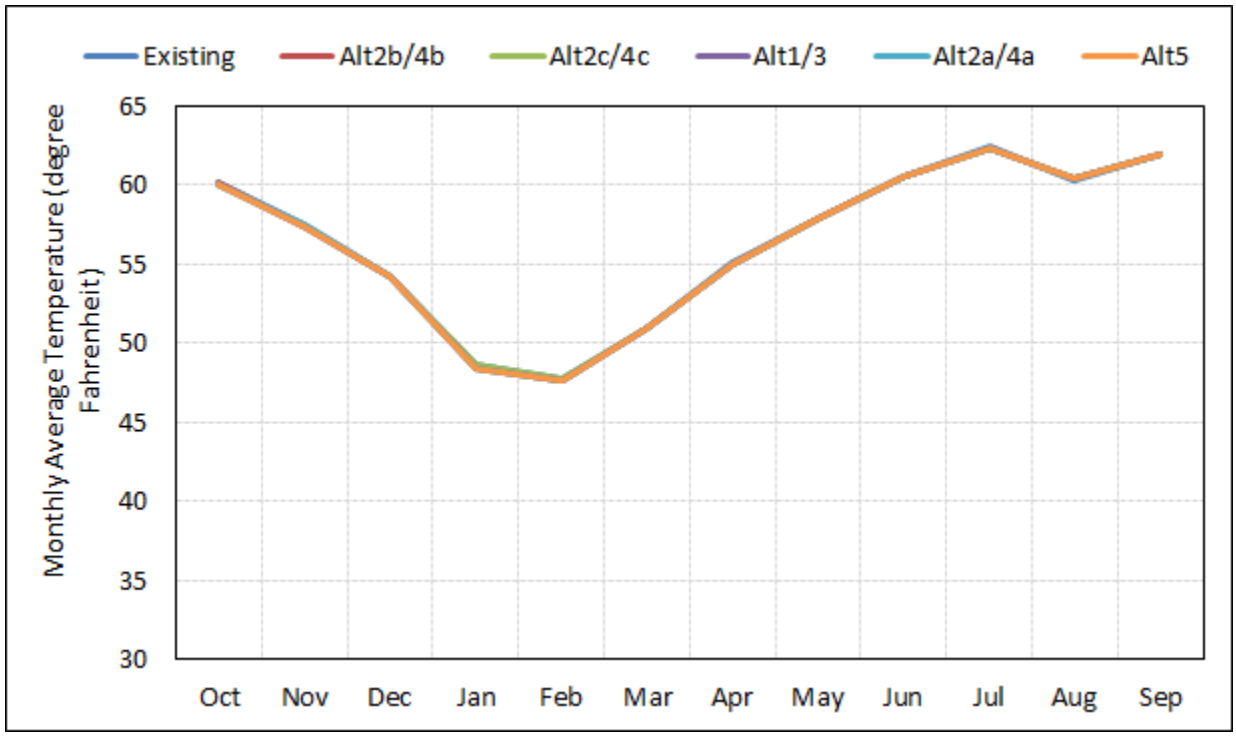


Figure 5A-D1.3.4. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

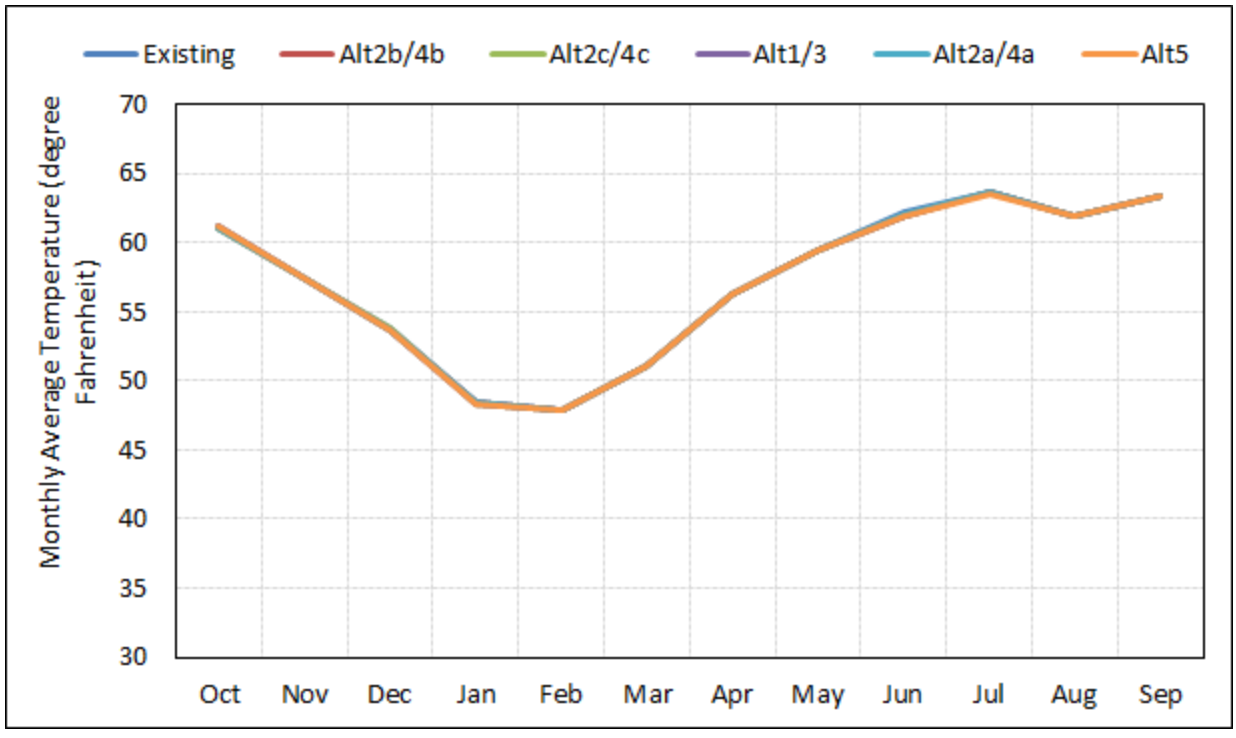


Figure 5A-D1.3.5. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

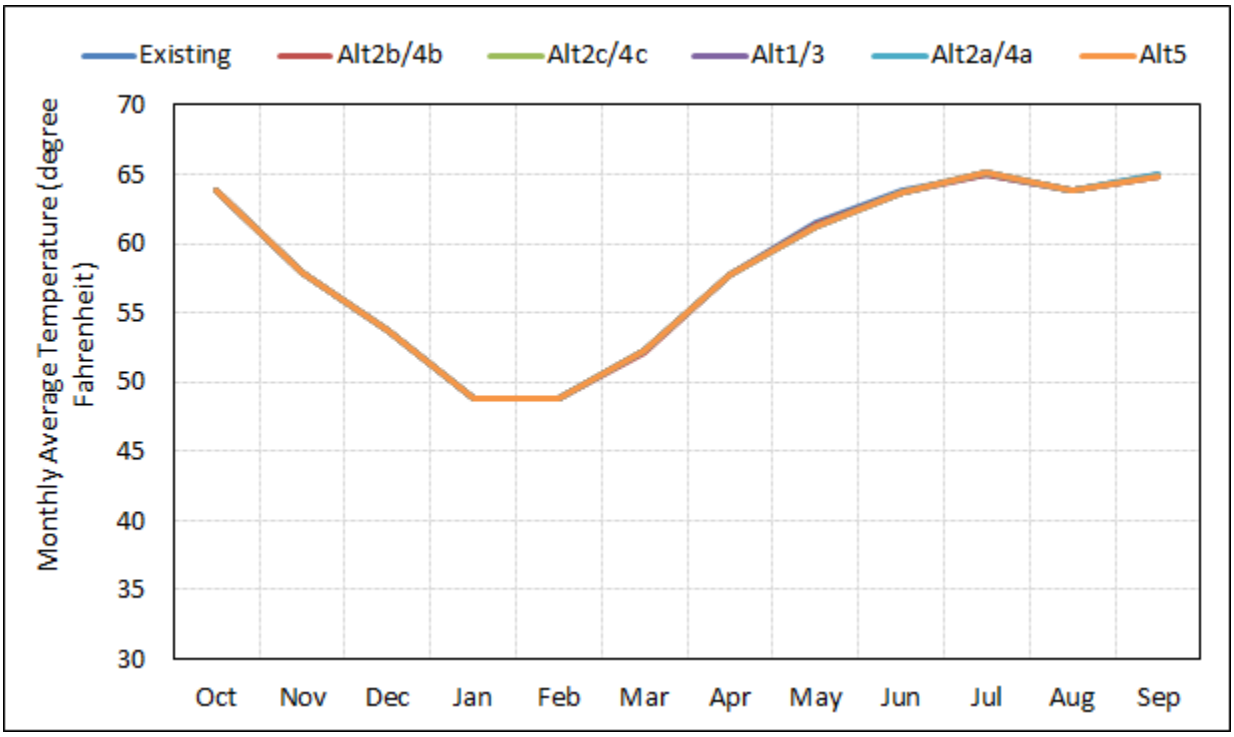


Figure 5A-D1.3.6. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

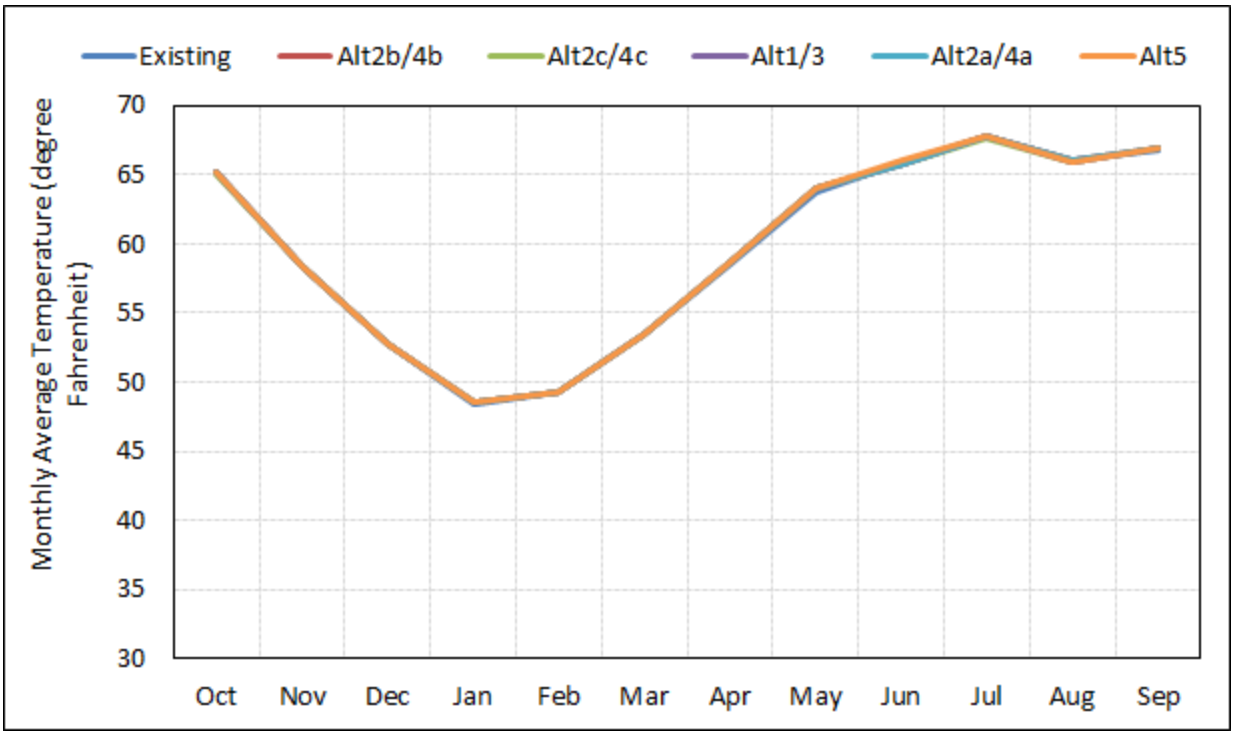


Figure 5A-D1.3.7. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

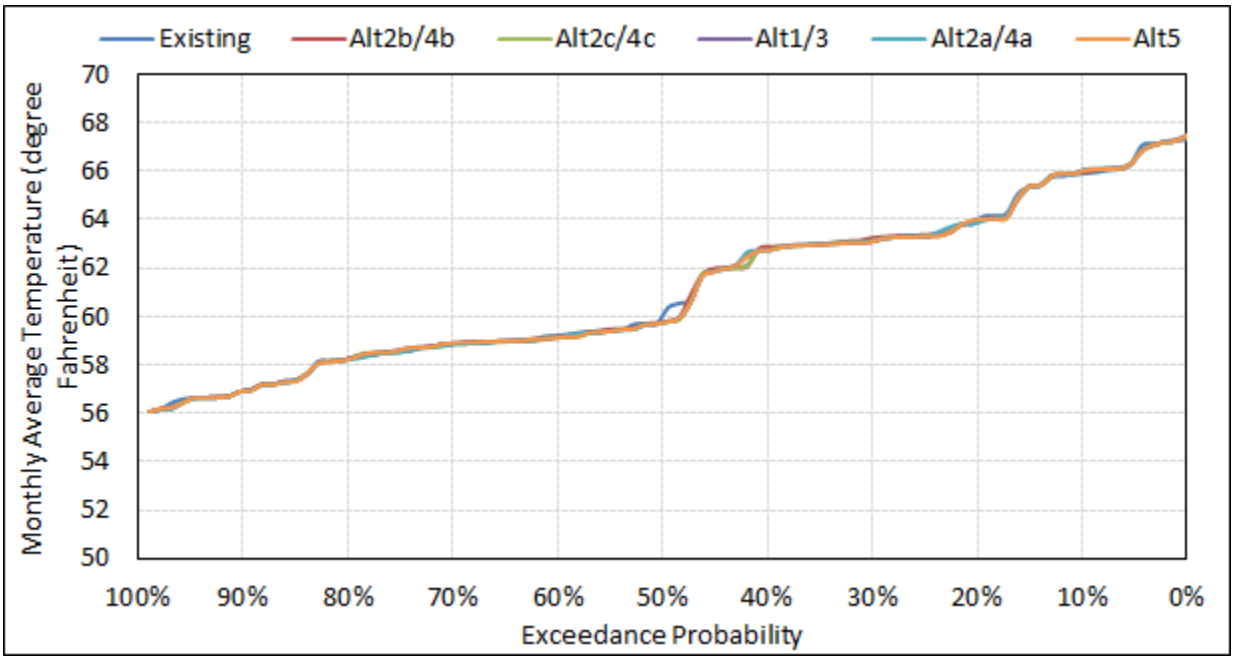


Figure 5A-D1.3.8. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

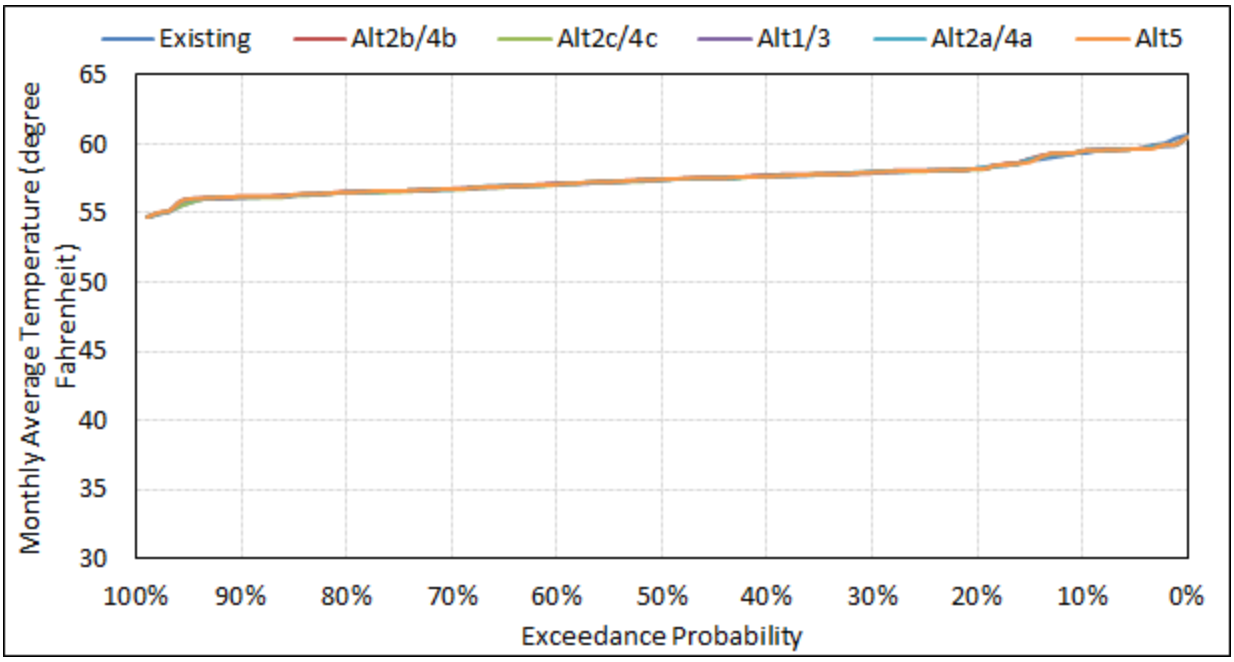


Figure 5A-D1.3.9. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

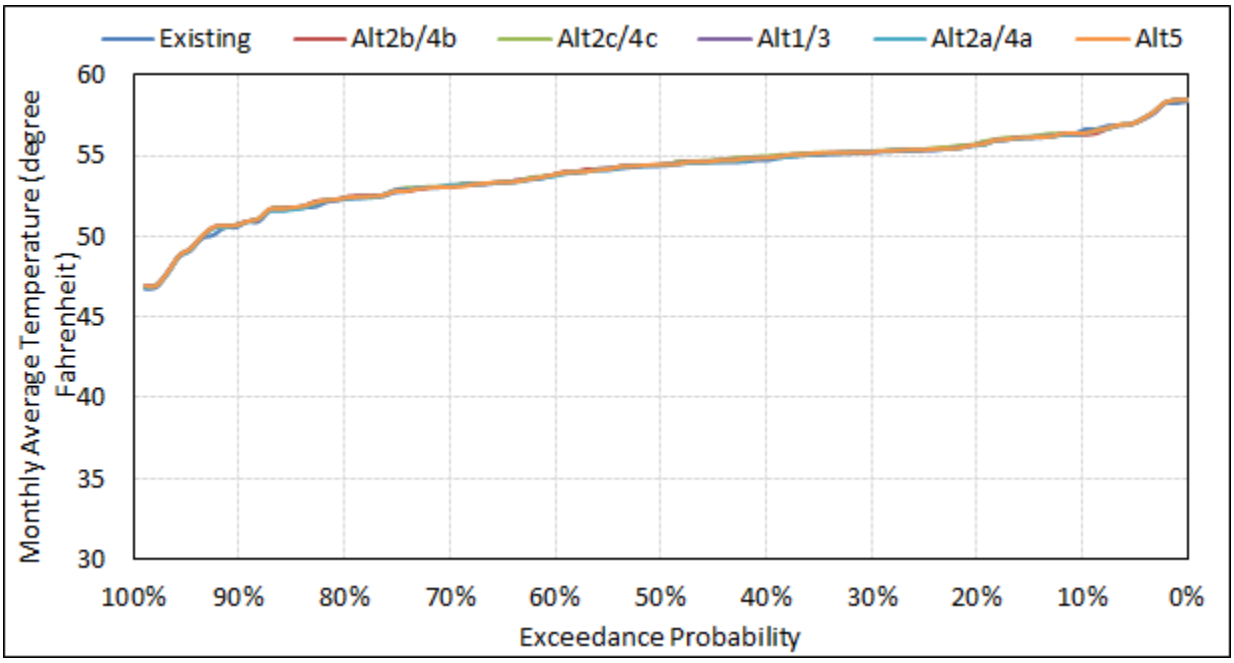


Figure 5A-D1.3.10. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

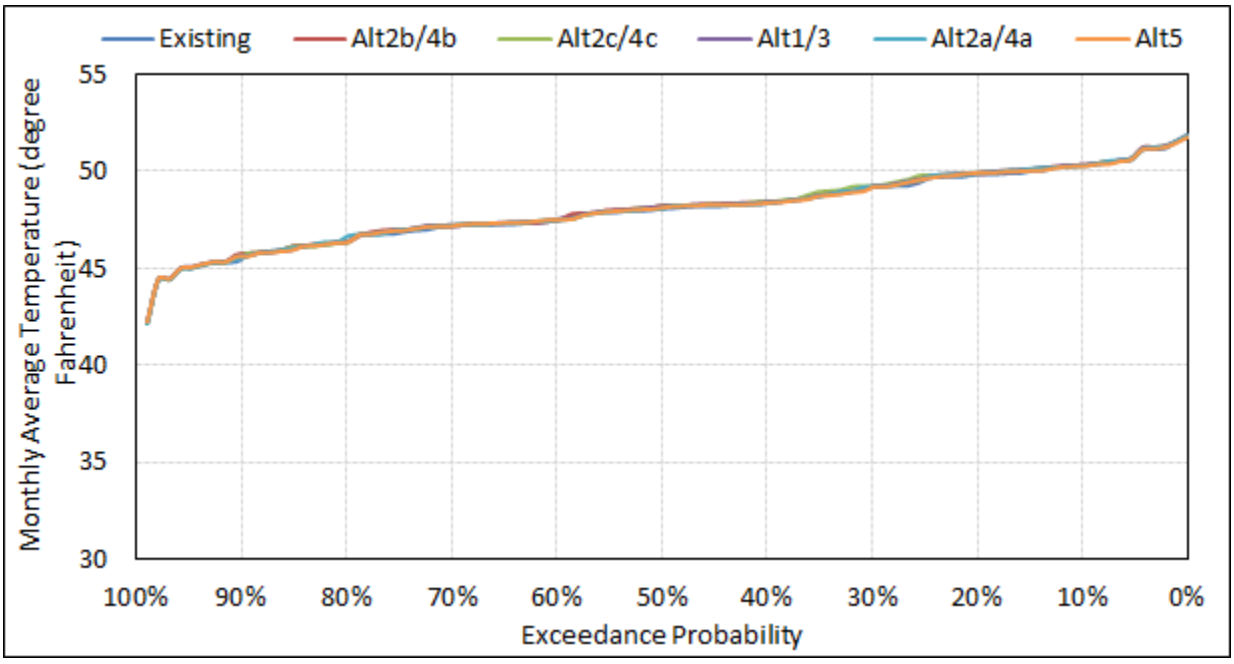


Figure 5A-D1.3.11. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

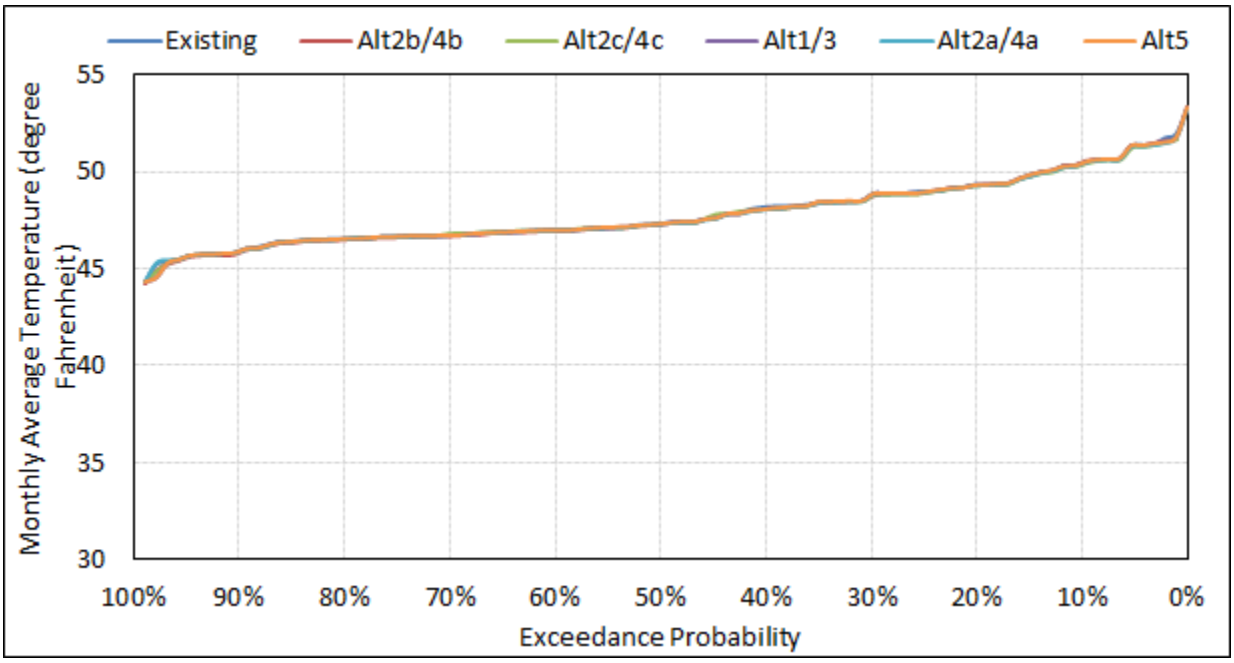


Figure 5A-D1.3.12. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

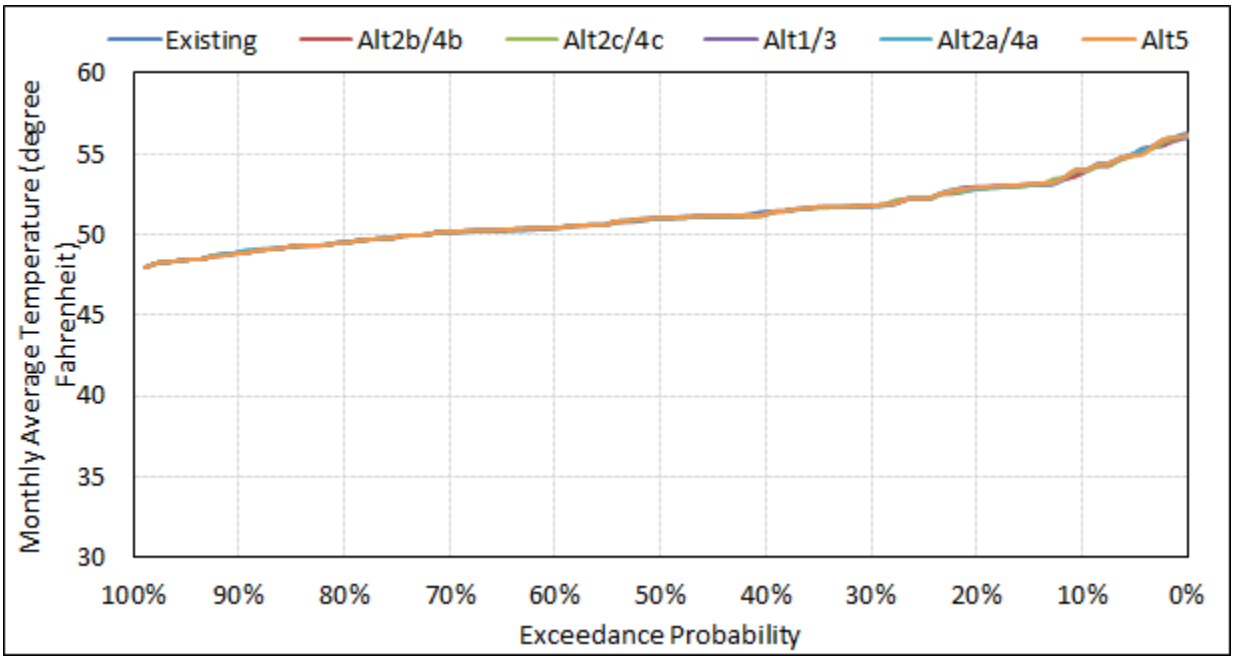


Figure 5A-D1.3.13. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

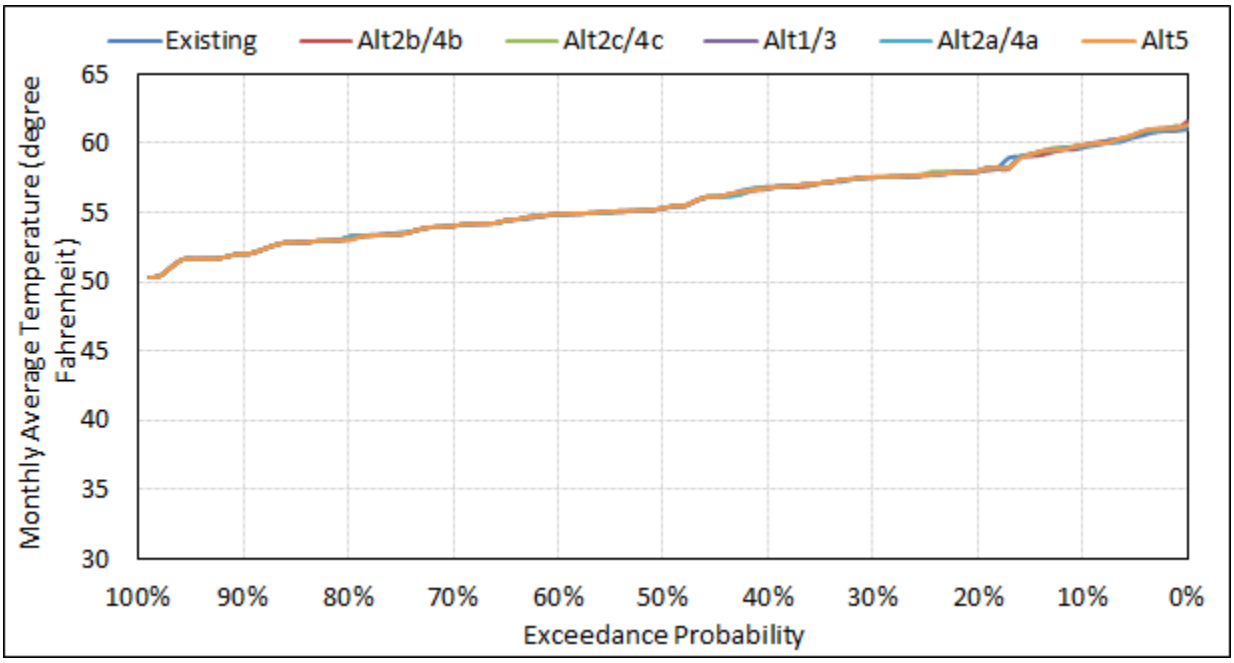


Figure 5A-D1.3.14. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

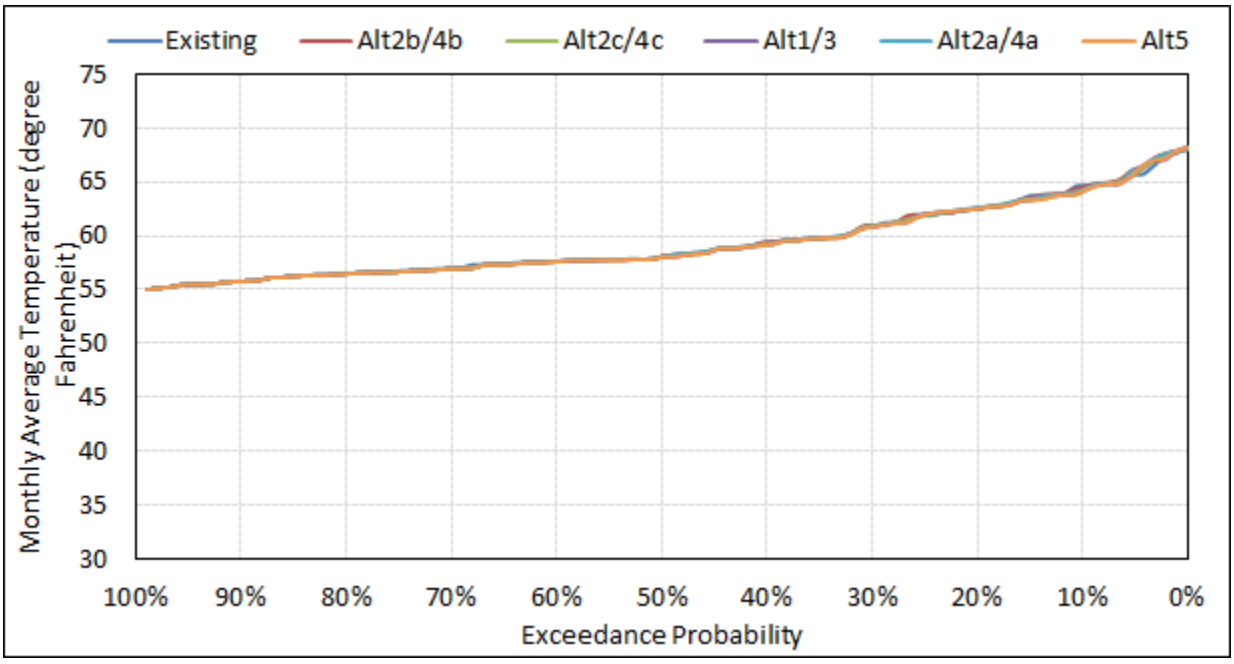


Figure 5A-D1.3.15. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

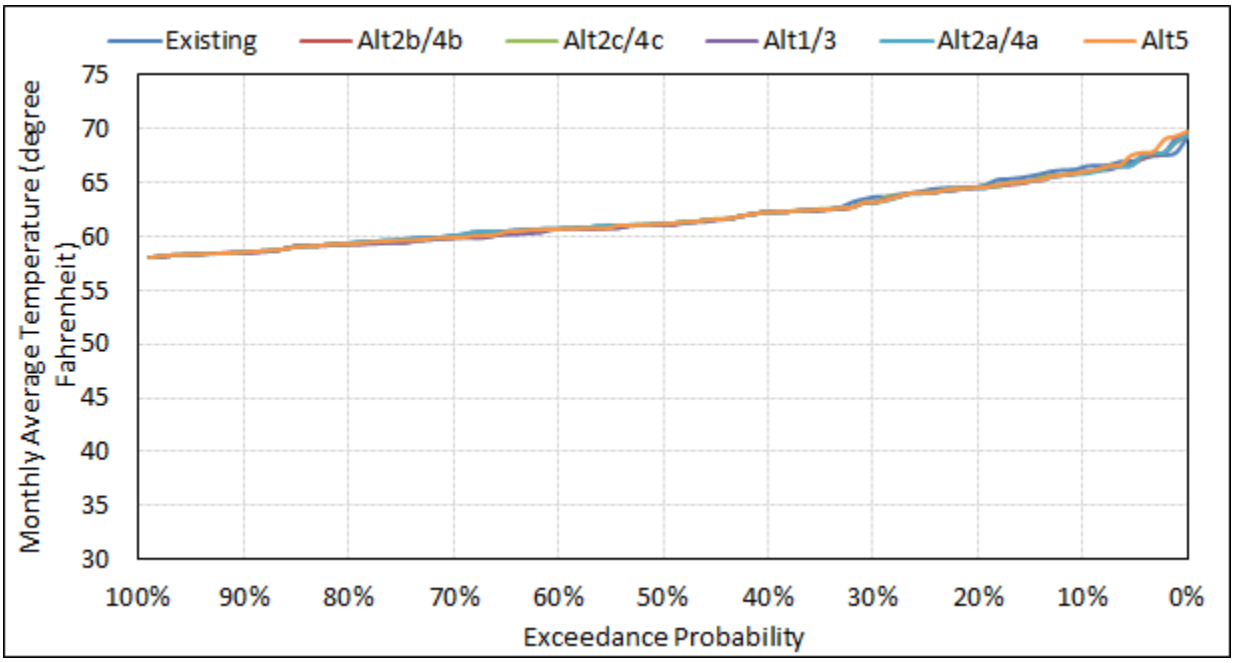


Figure 5A-D1.3.16. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

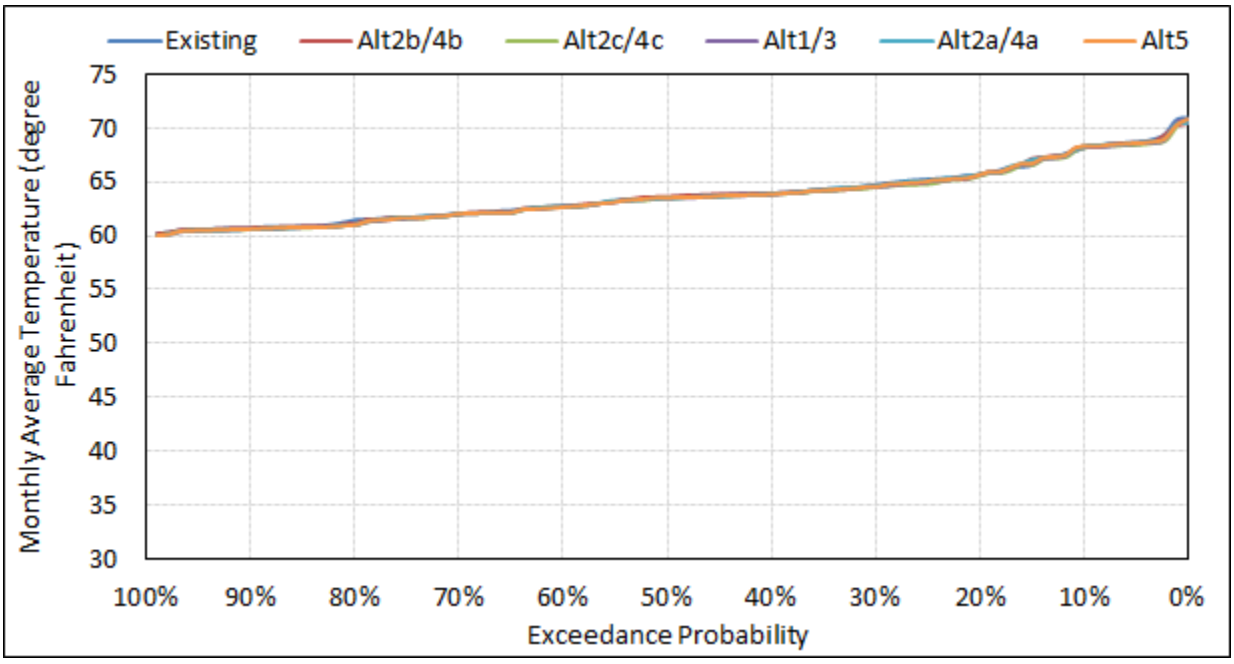


Figure 5A-D1.3.17. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

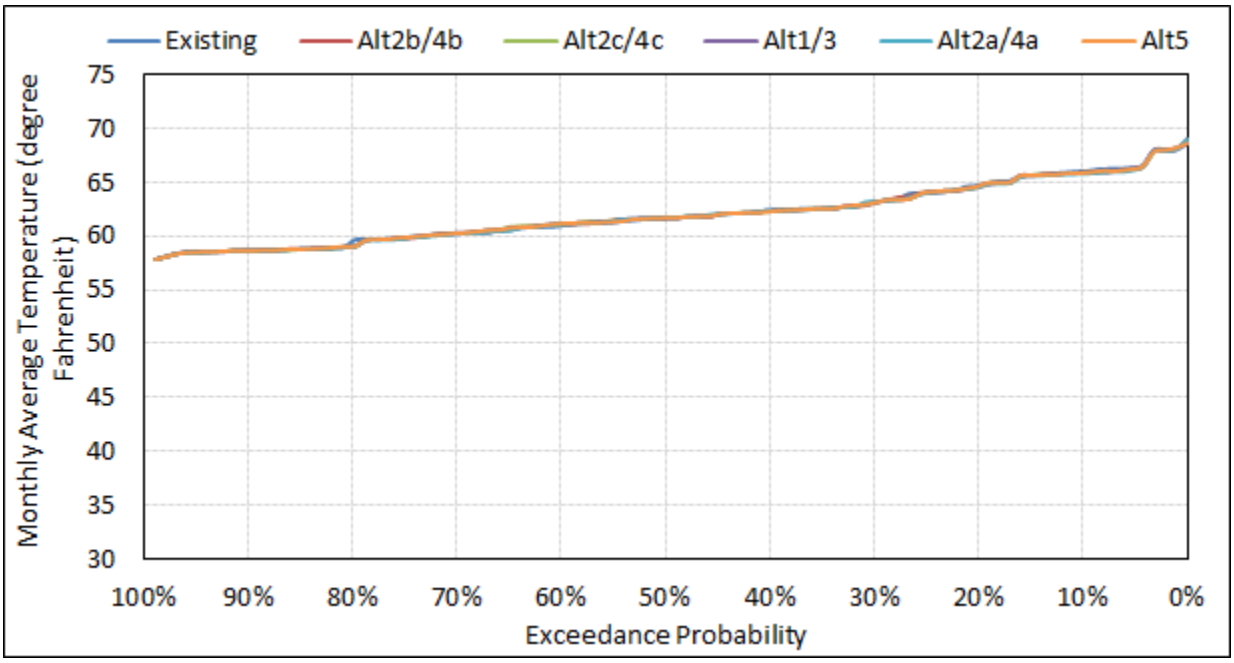


Figure 5A-D1.3.18. American River Below Nimbus (Hazel Avenue), Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

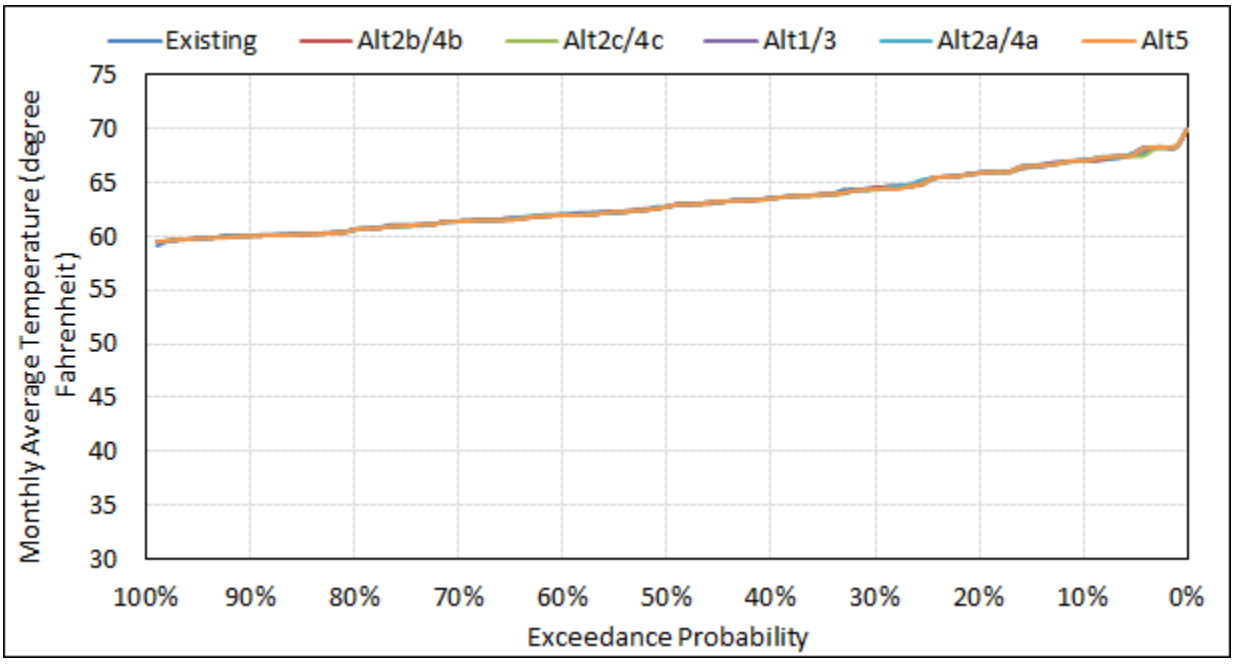
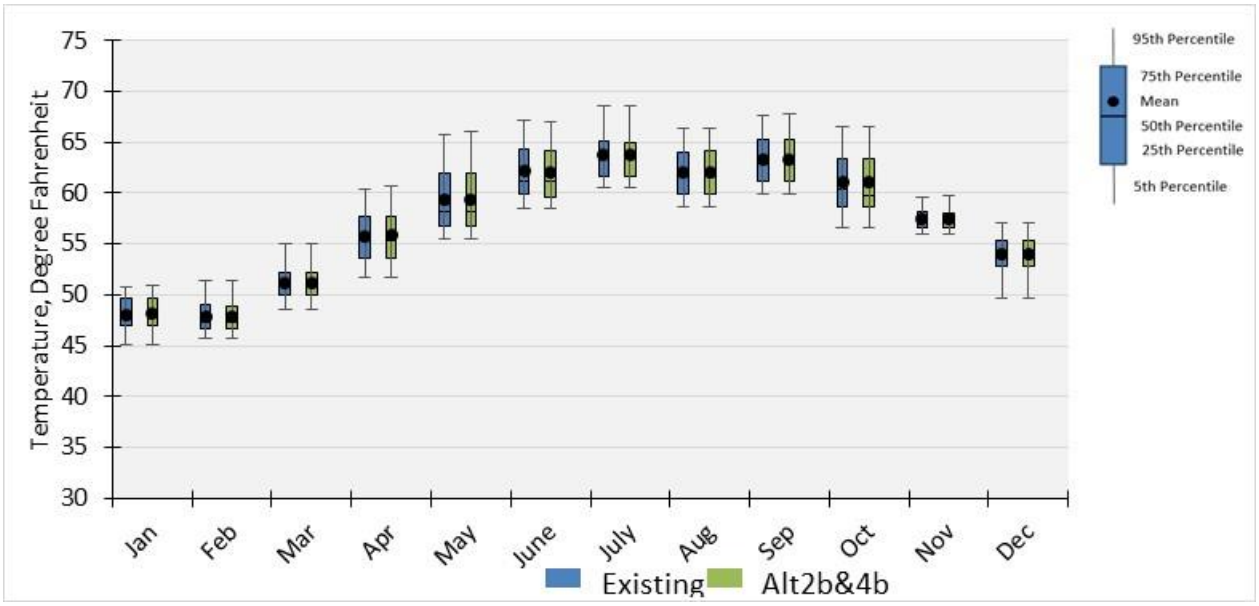


Figure 5A-D1.3.19. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



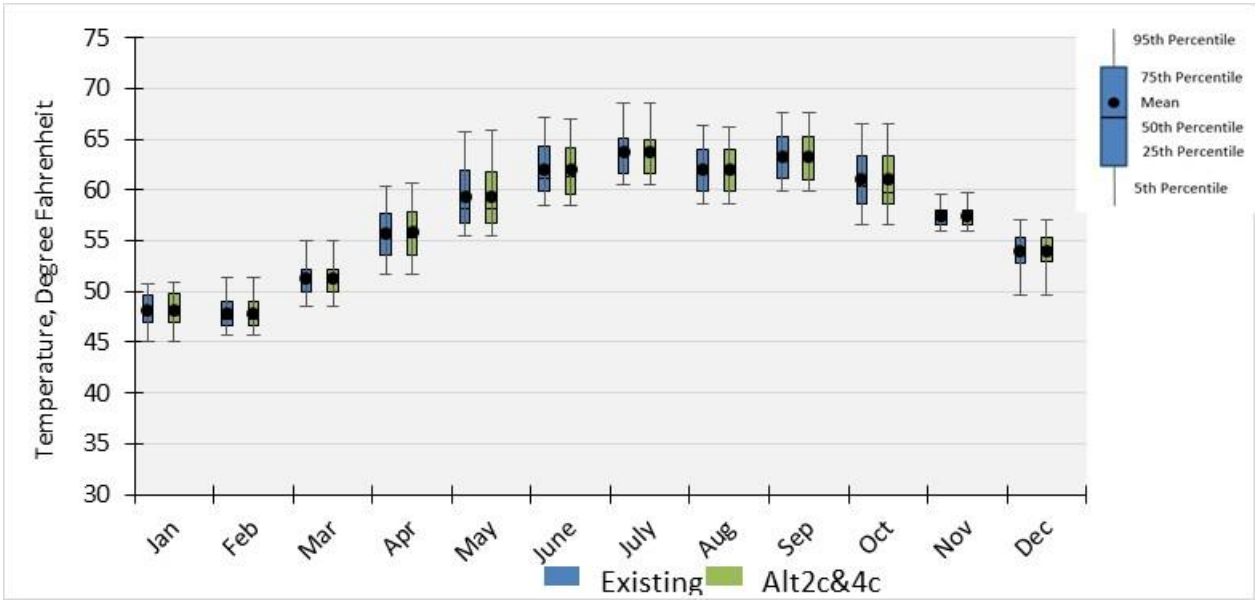
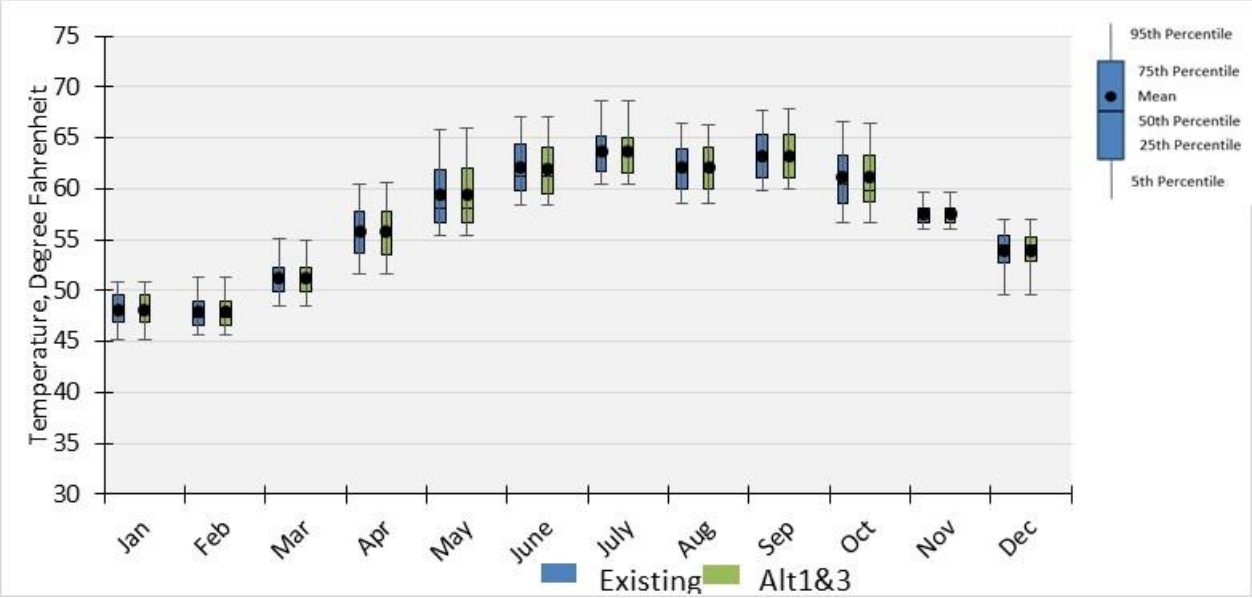


Figure 5A-D1.3.20. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



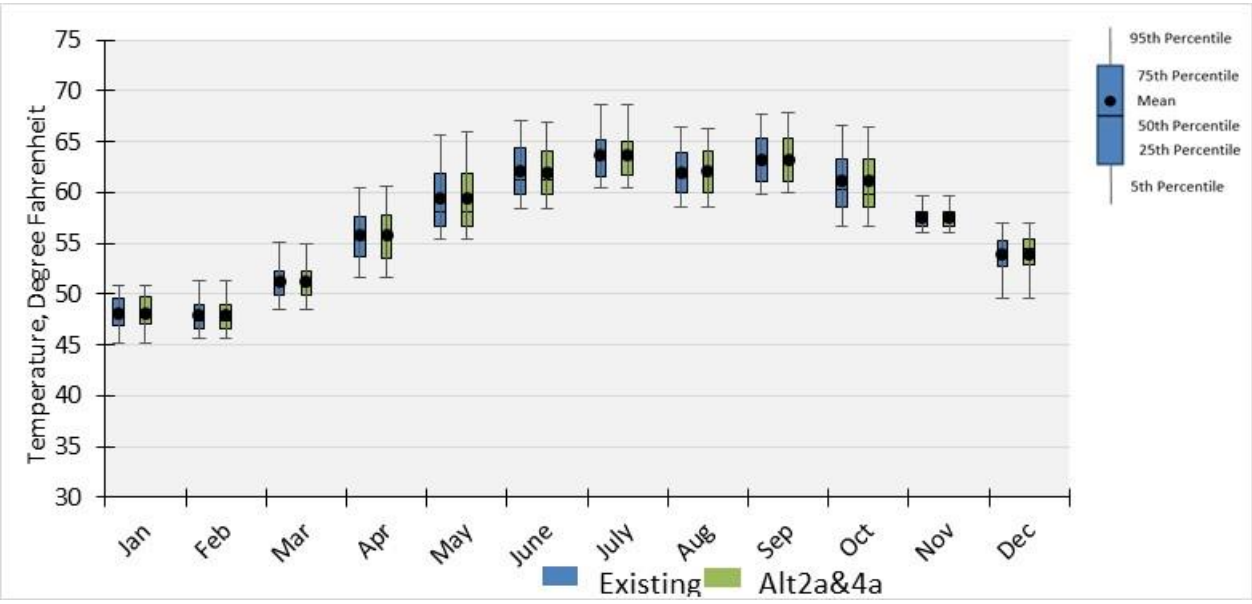


Figure 5A-D1.3.21. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

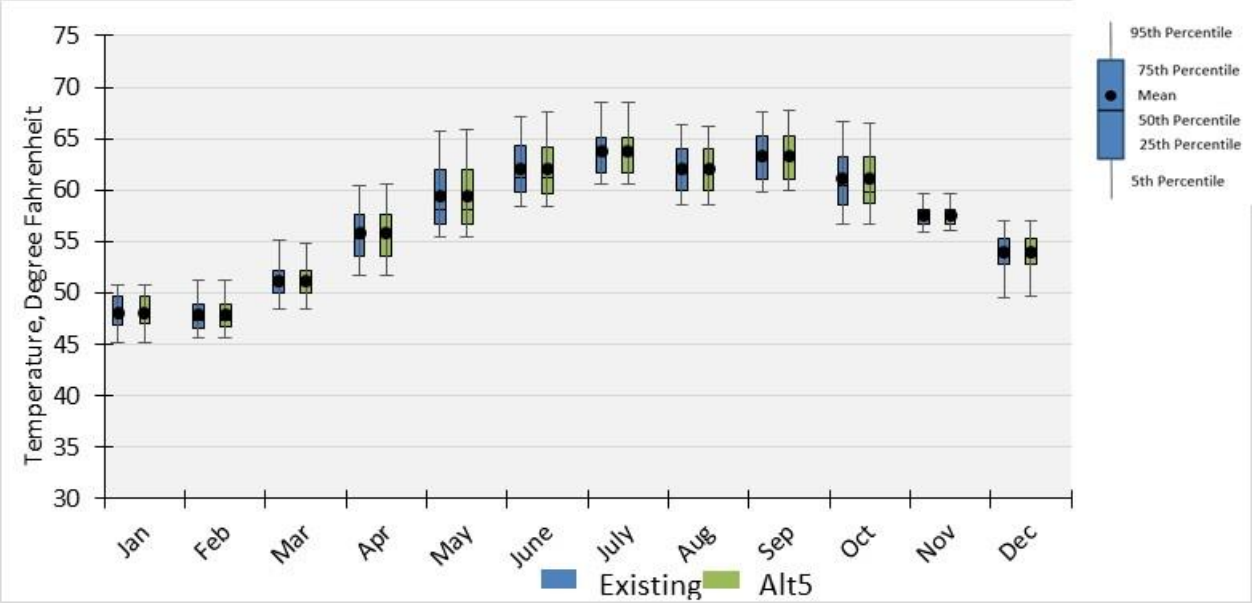
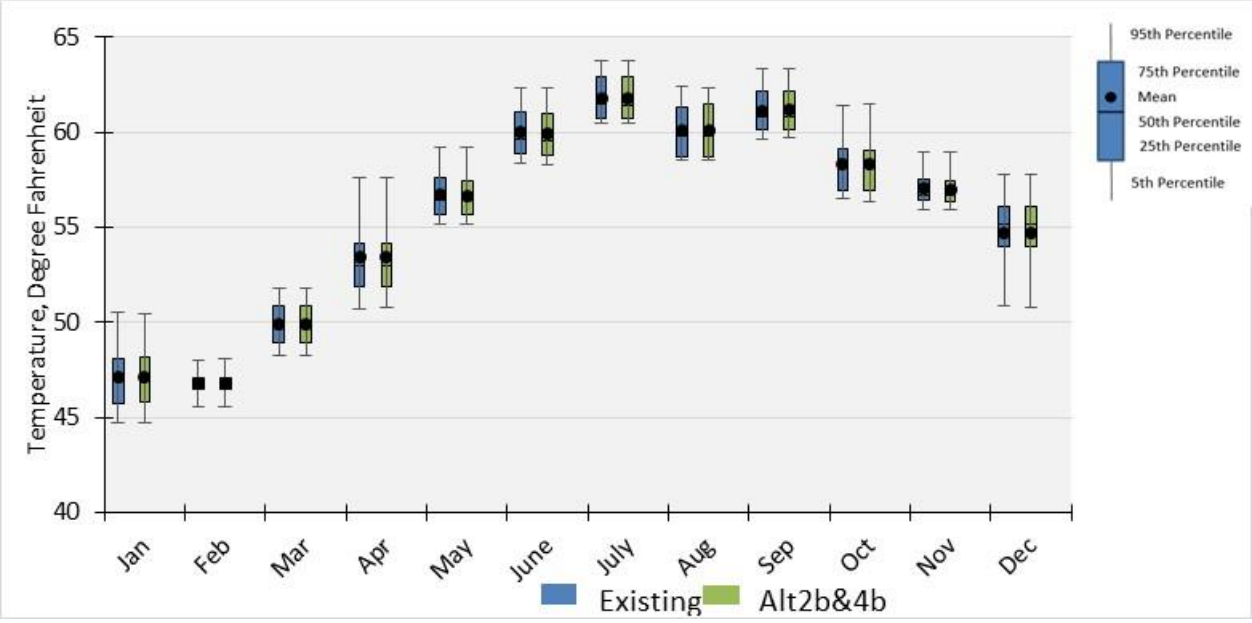


Figure 5A-D1.3.22. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



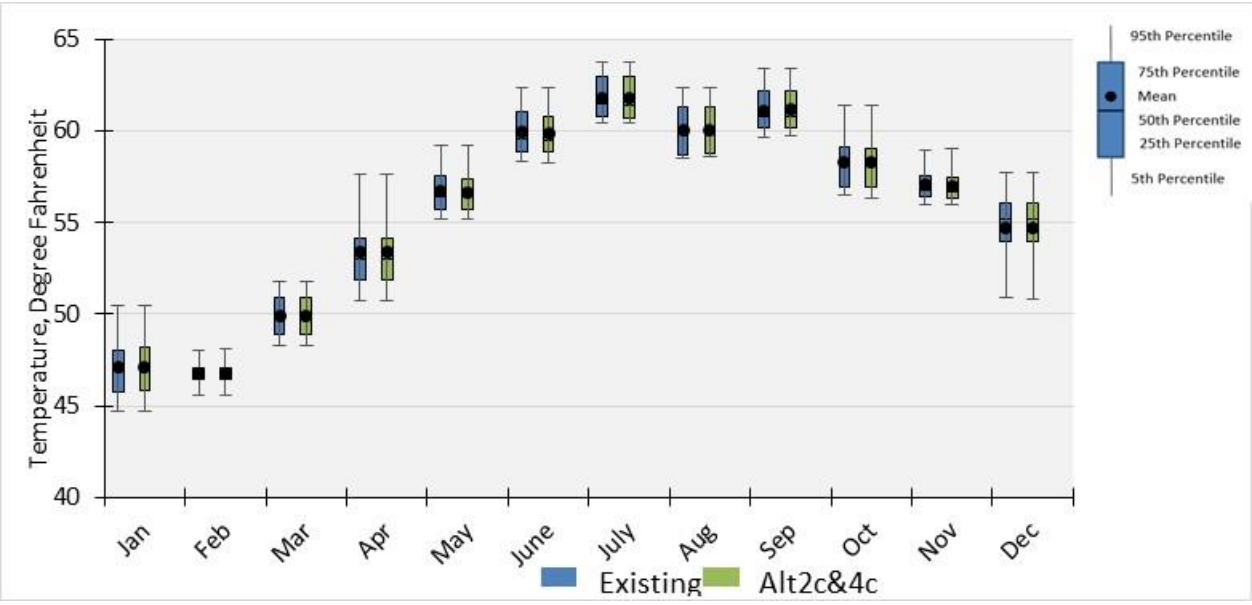
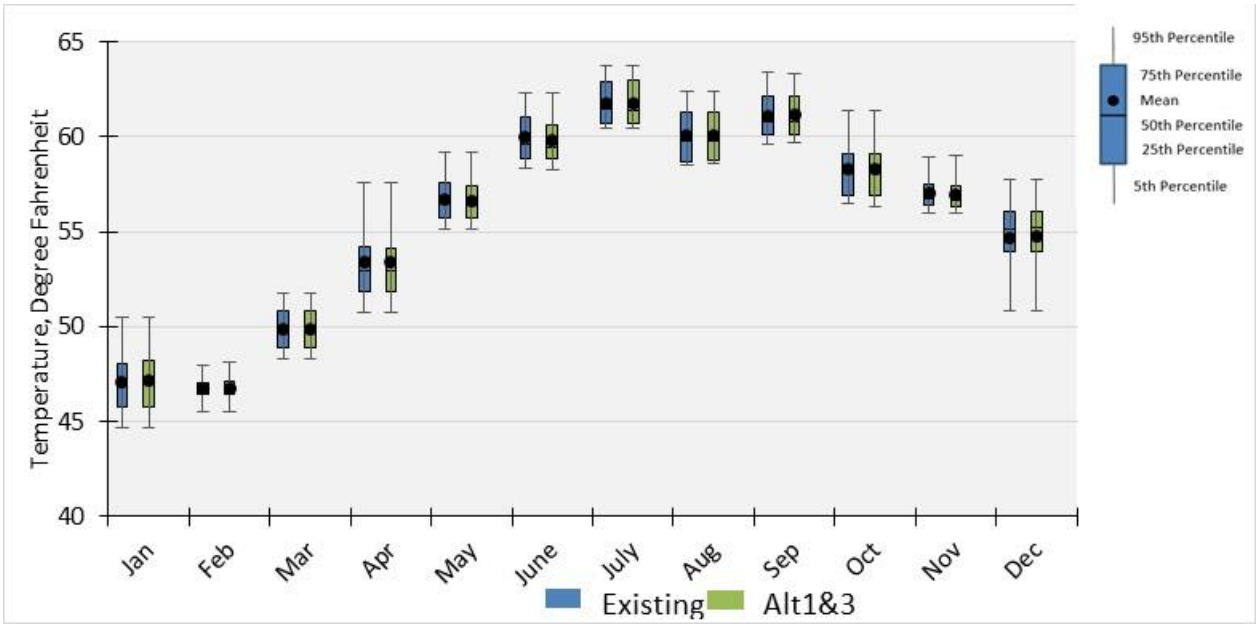


Figure 5A-D1.3.23. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



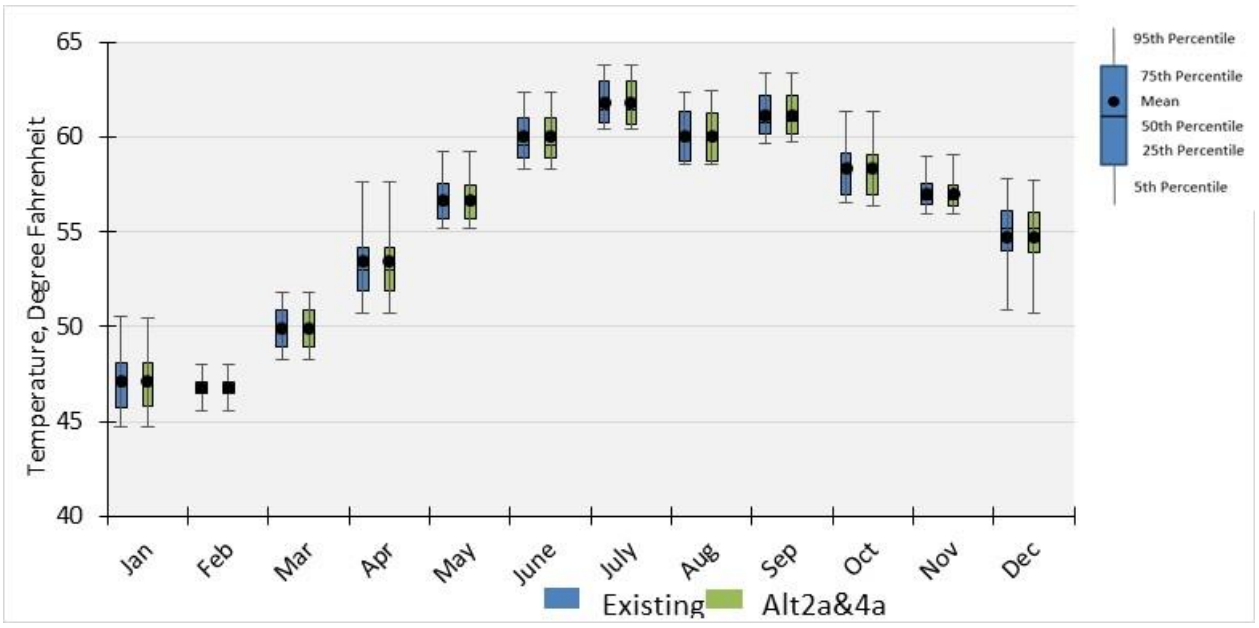


Figure 5A-D1.3.24. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

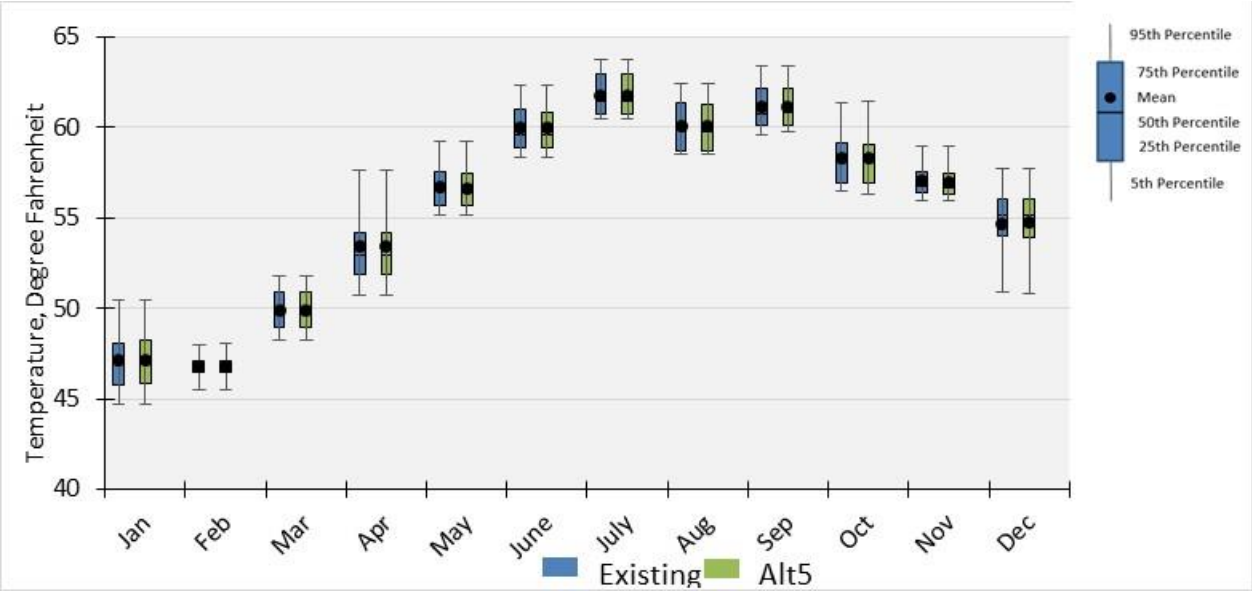
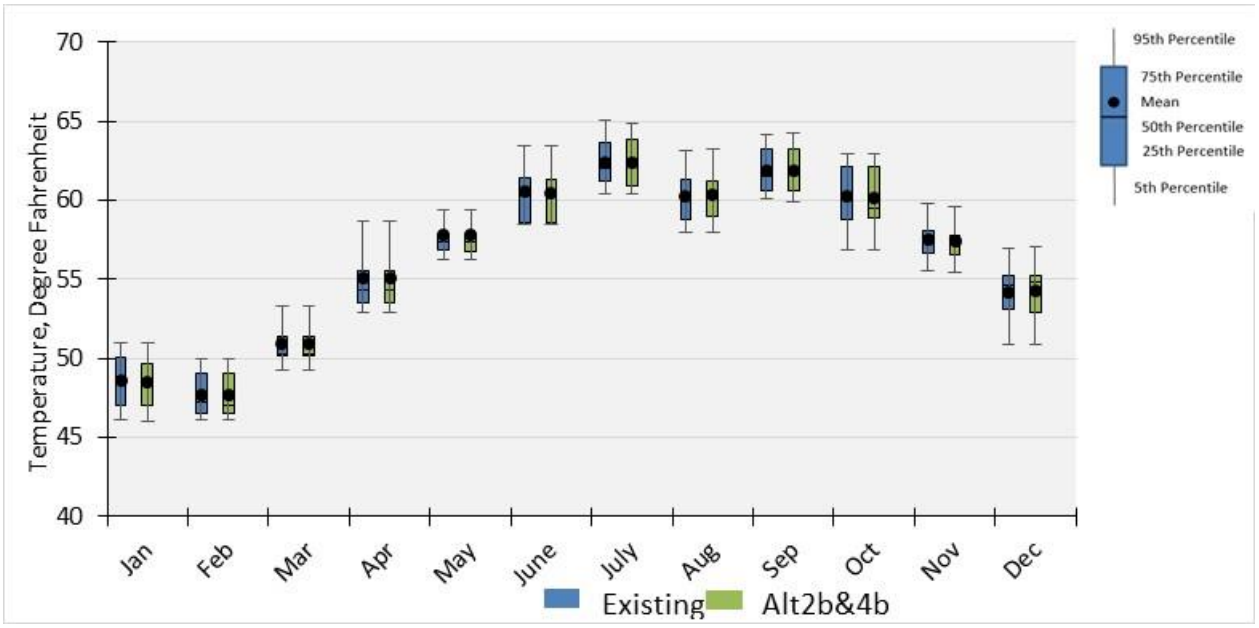


Figure 5A-D1.3.25. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



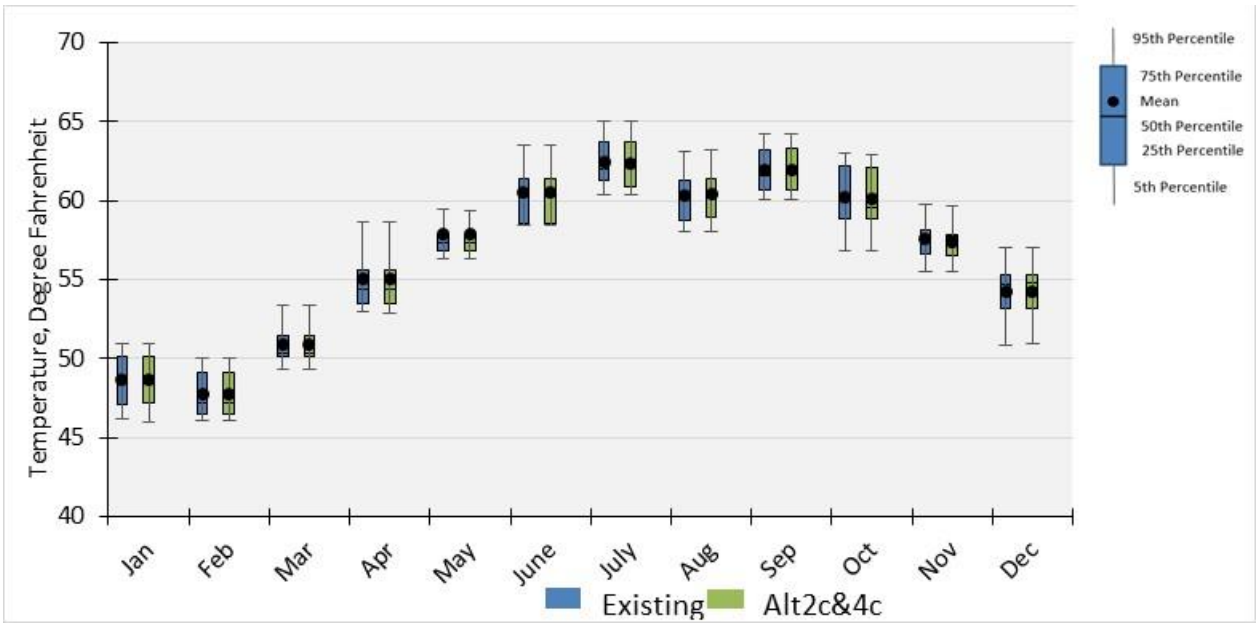
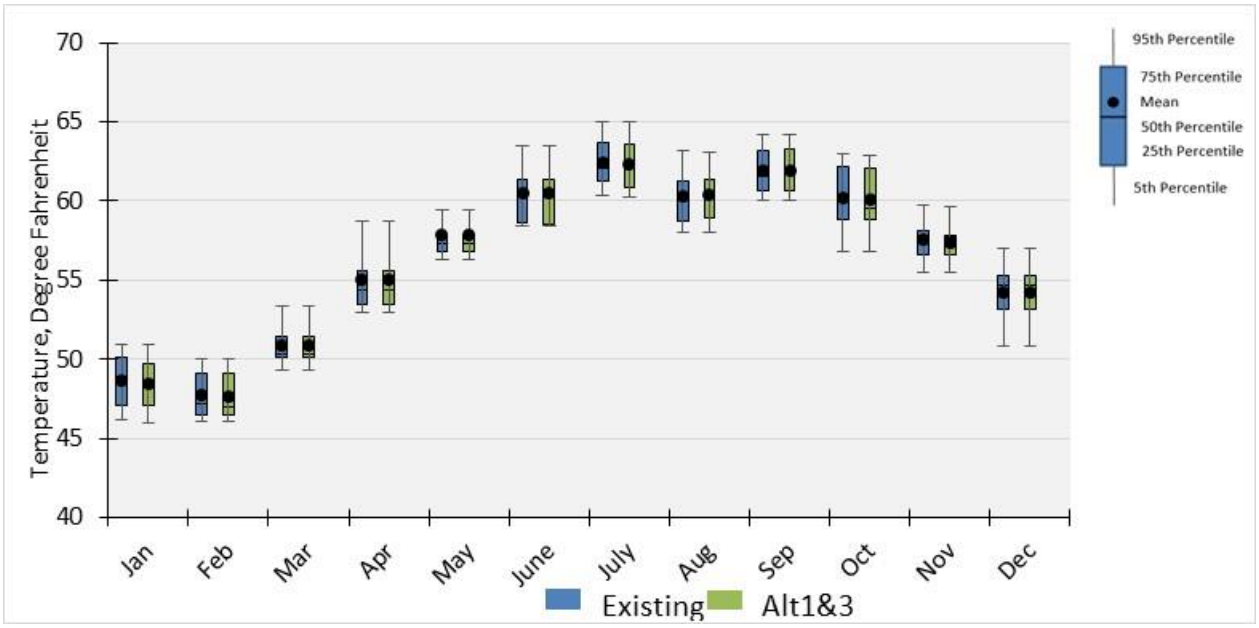


Figure 5A-D1.3.26. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



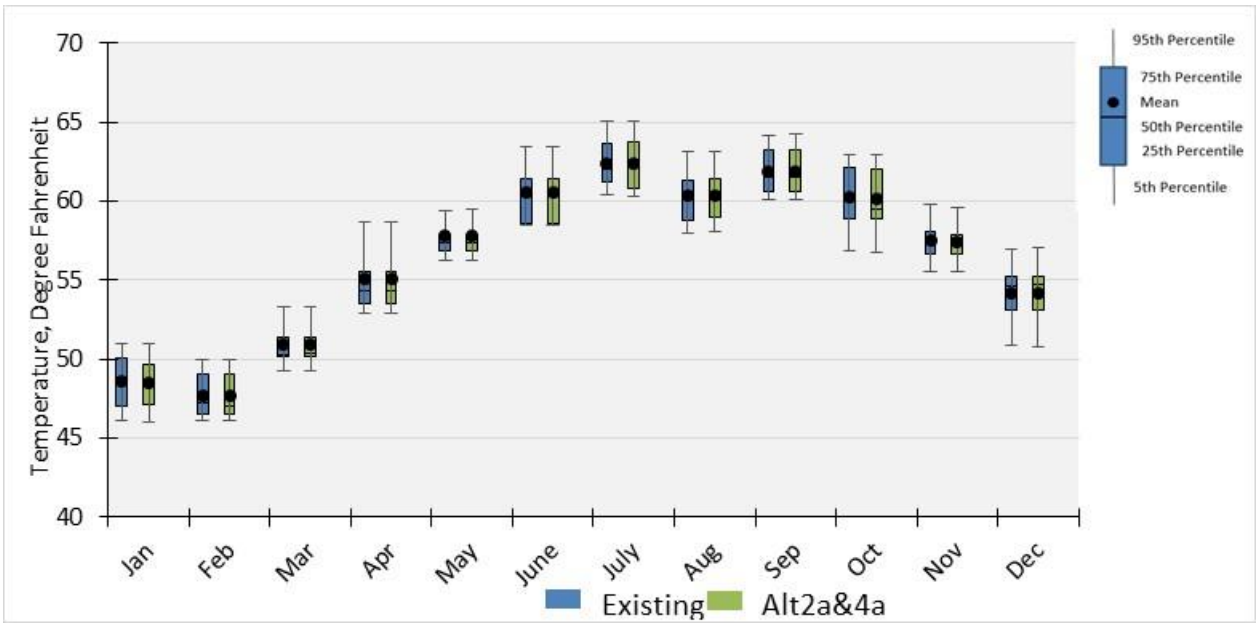


Figure 5A-D1.3.27. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

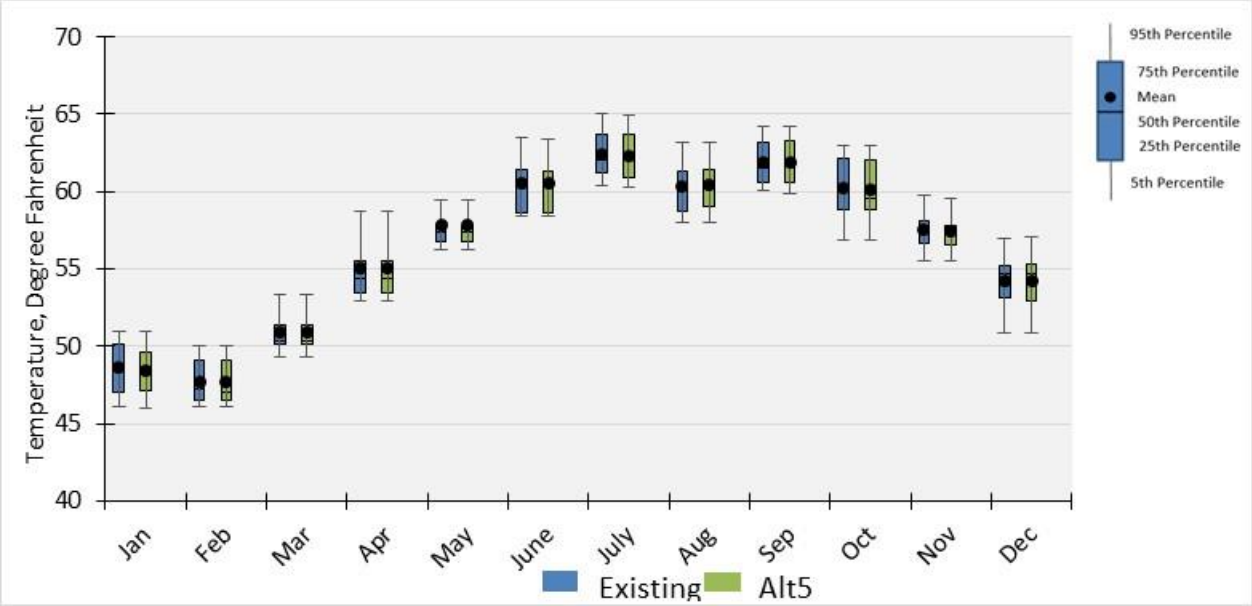
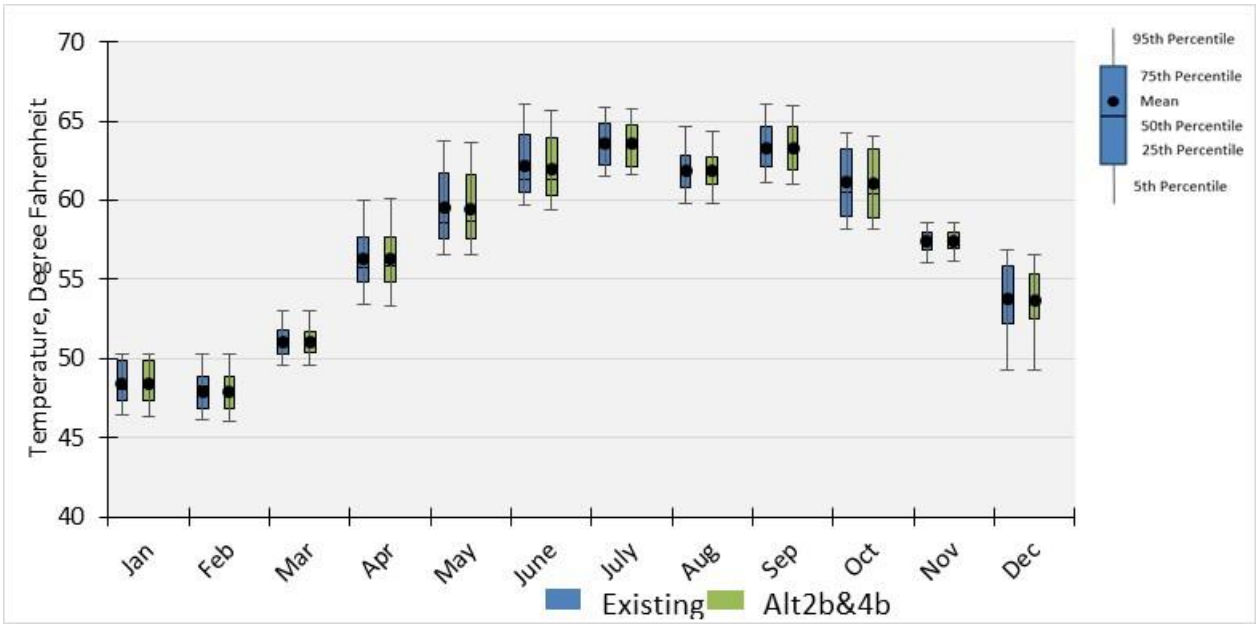


Figure 5A-D1.3.28. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



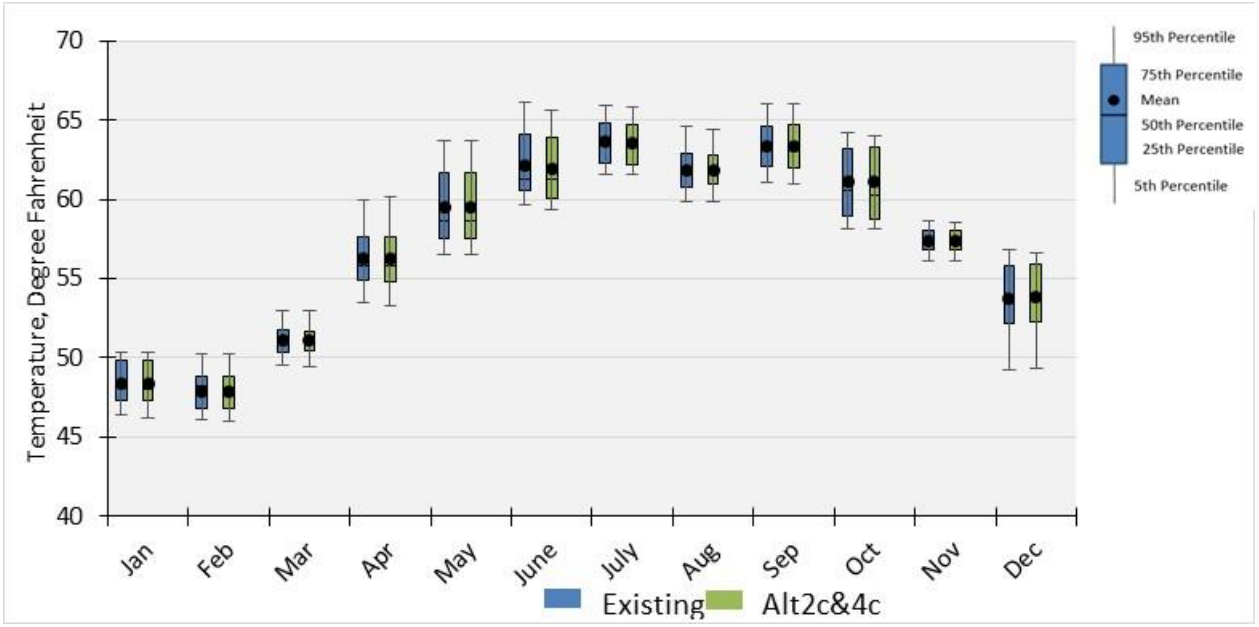
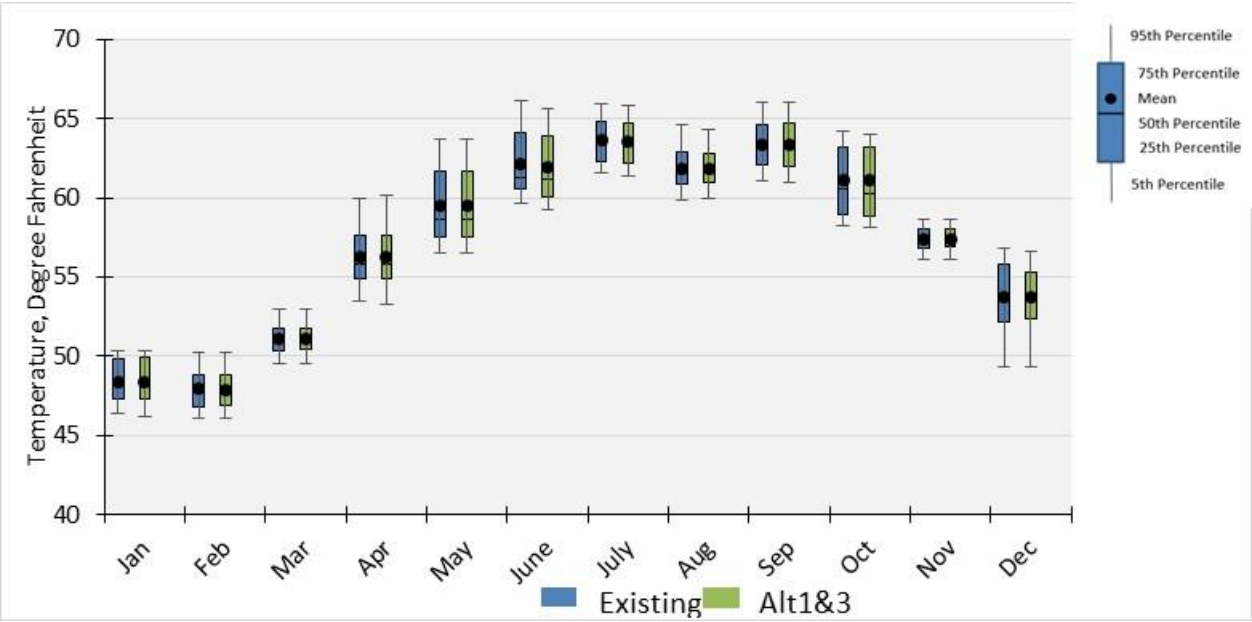


Figure 5A-D1.3.29. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



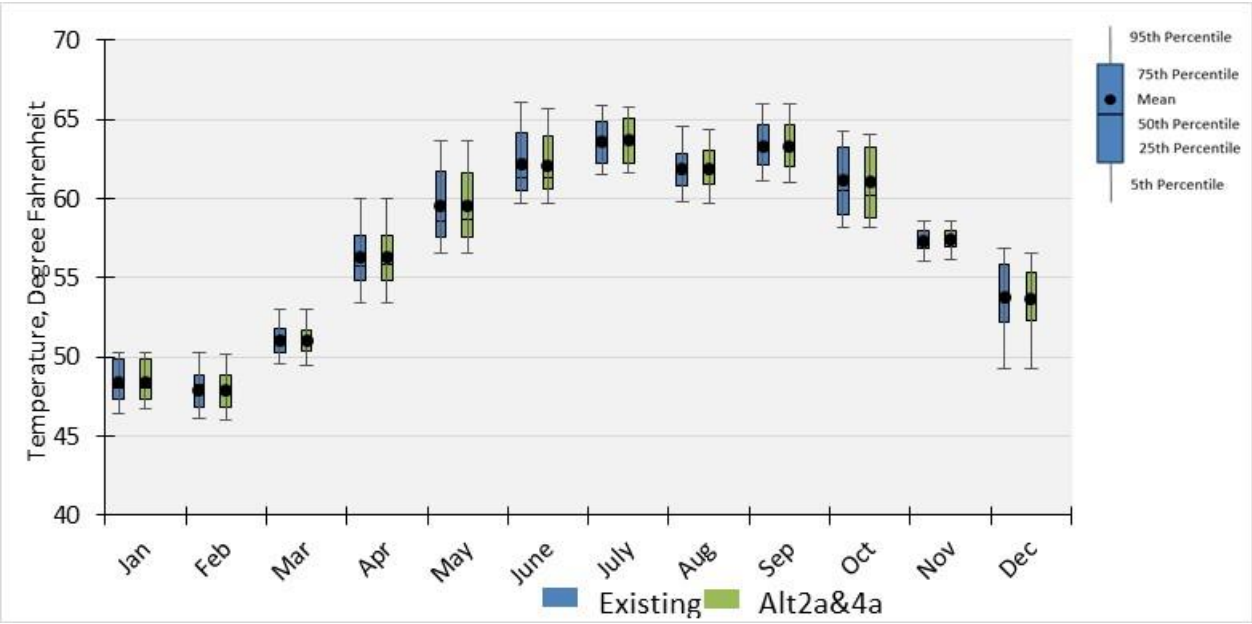


Figure 5A-D1.3.30. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

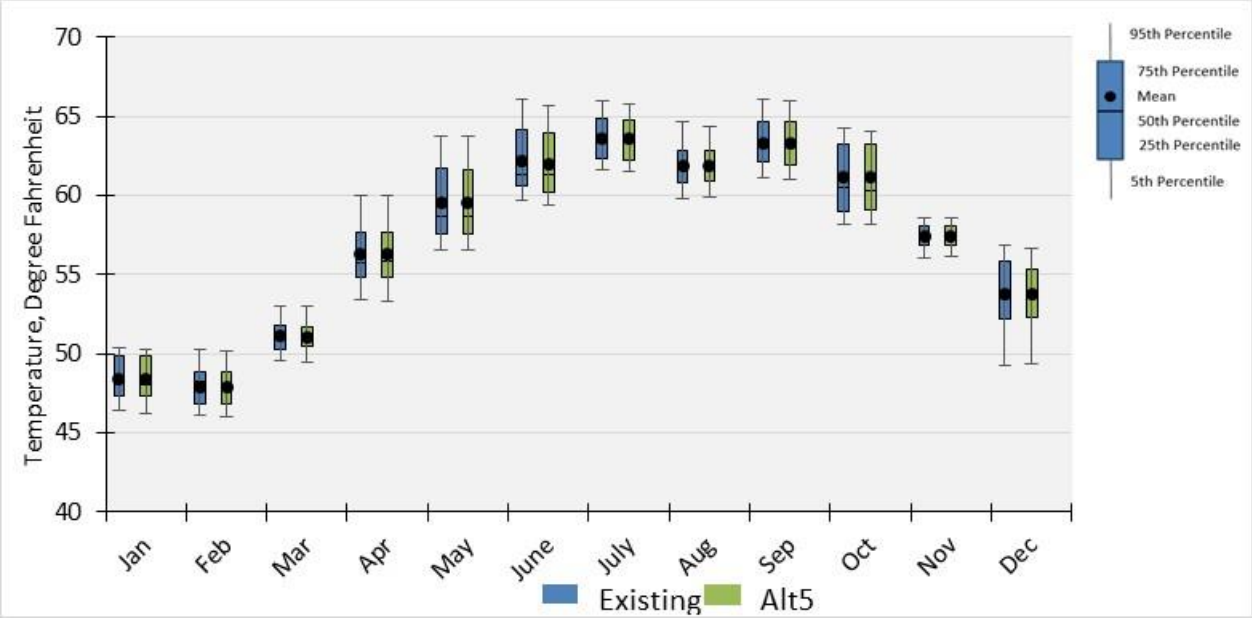
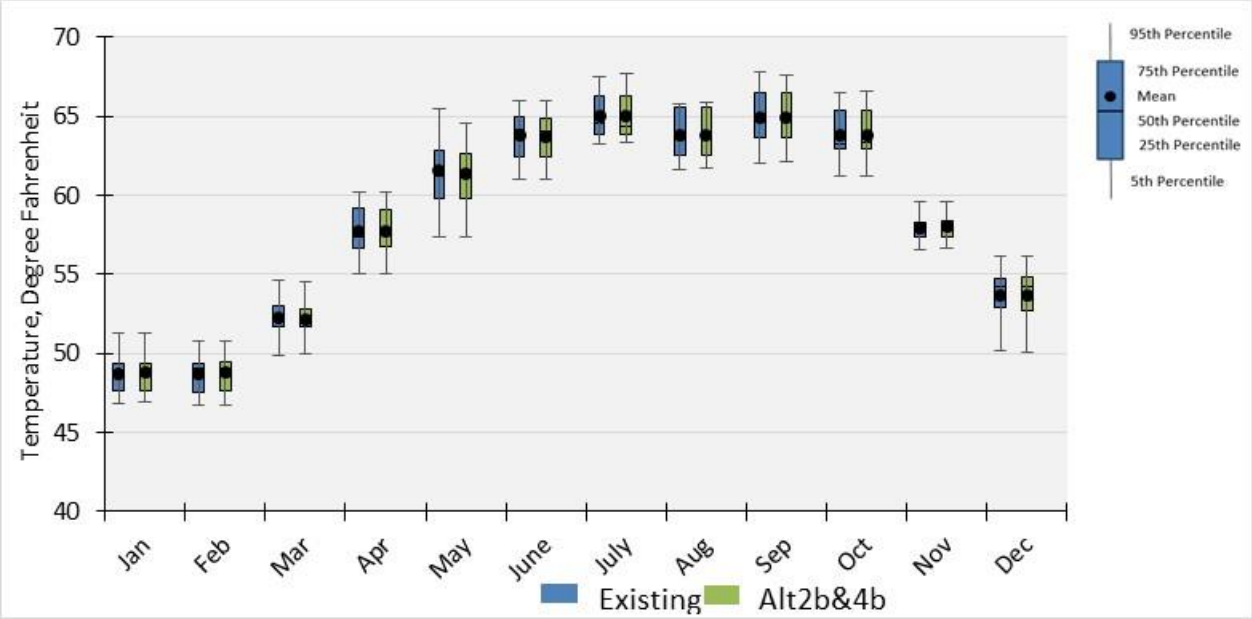


Figure 5A-D1.3.31. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



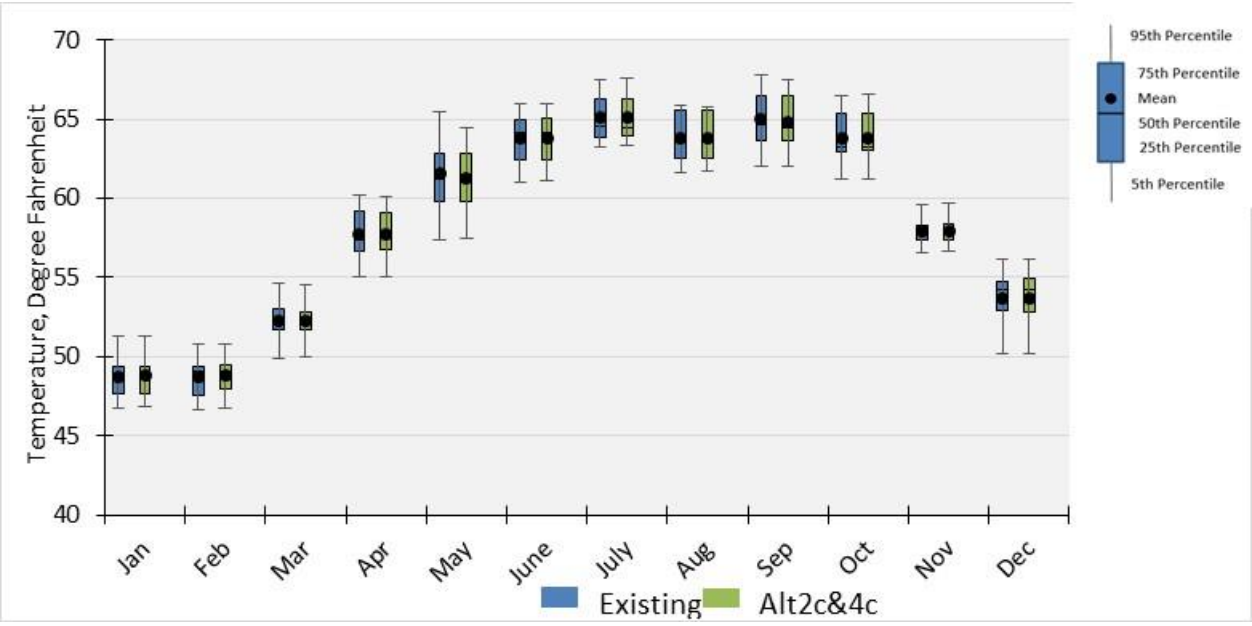
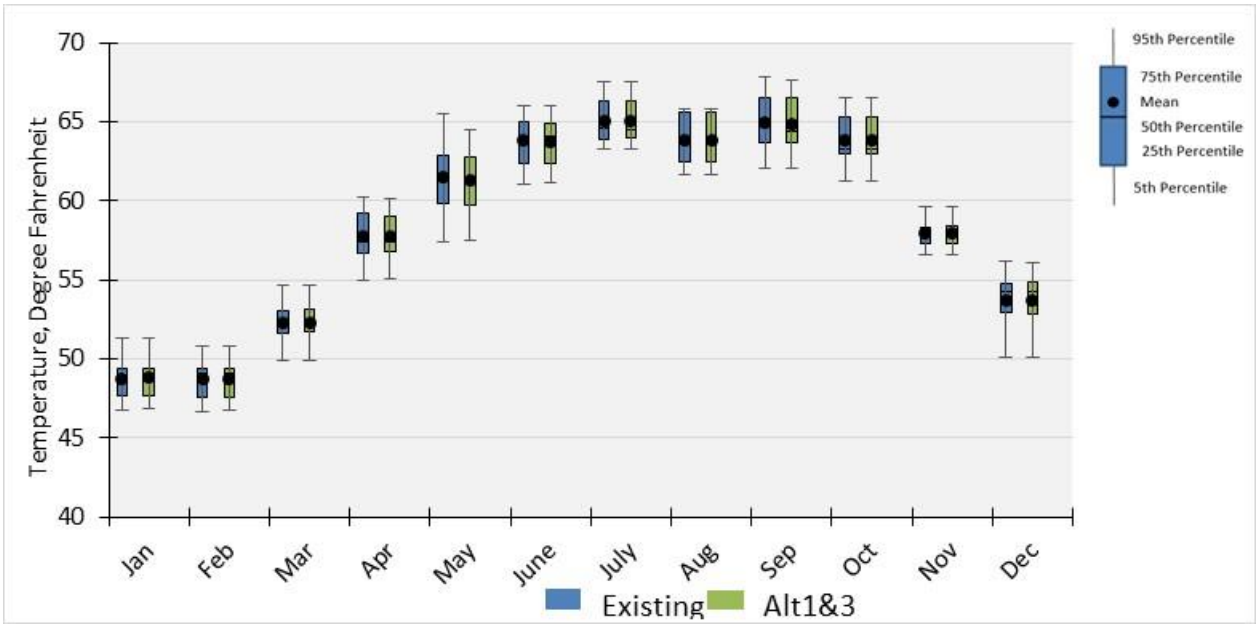


Figure 5A-D1.3.32. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



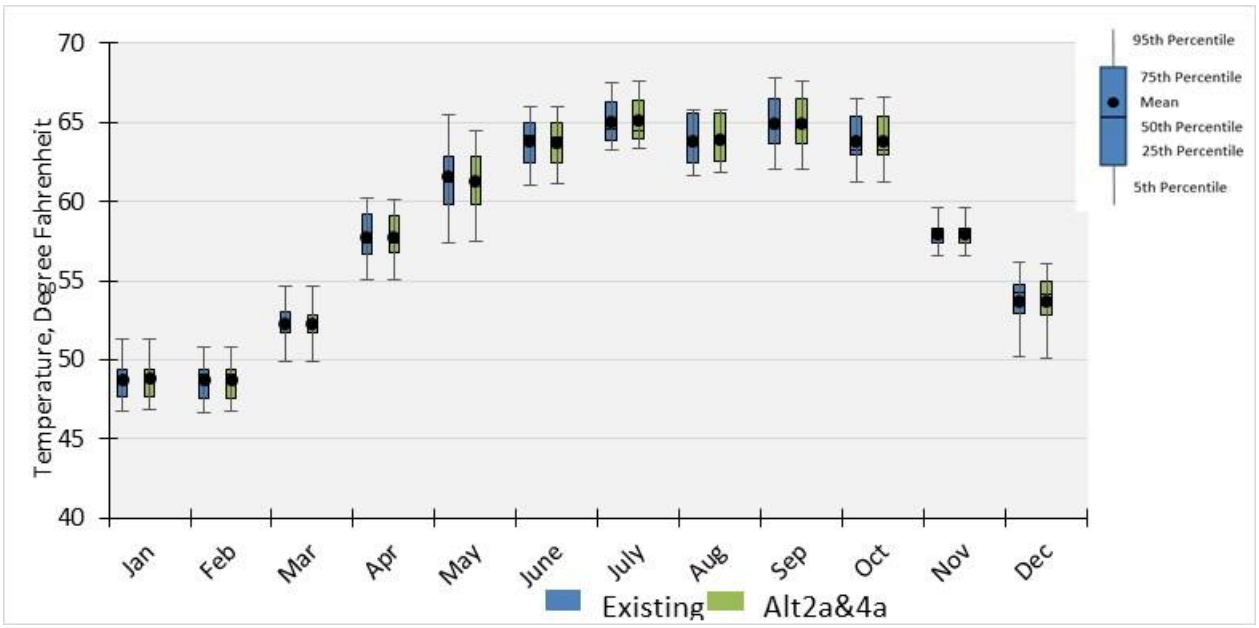


Figure 5A-D1.3.33. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

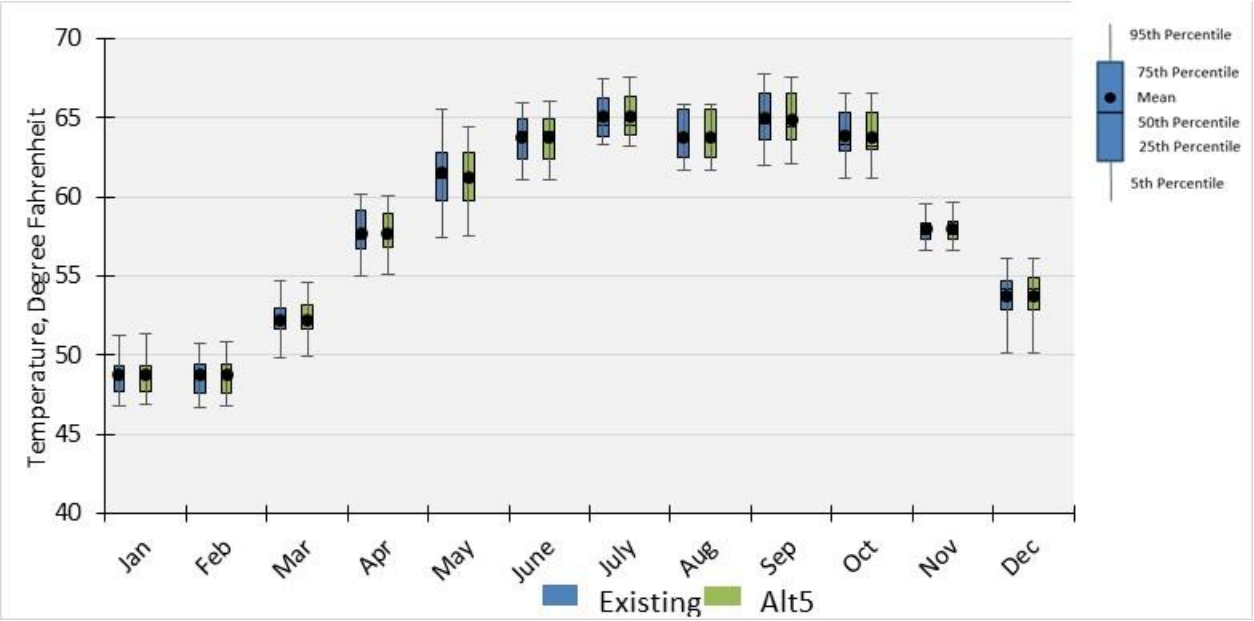
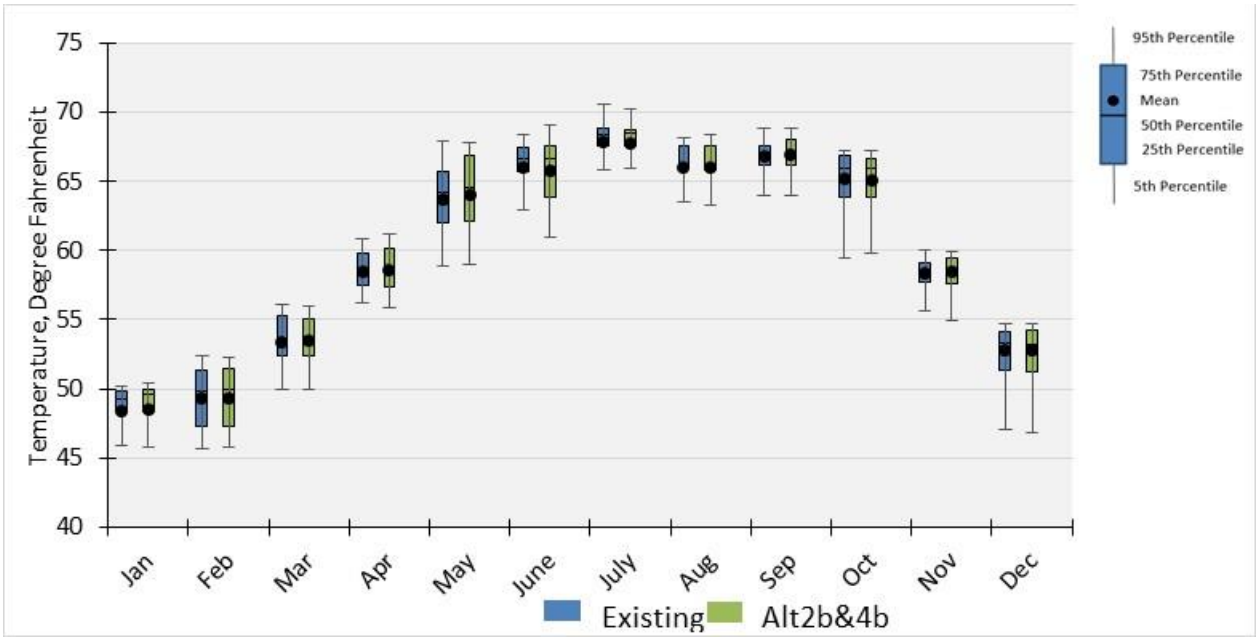


Figure 5A-D1.3.34. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



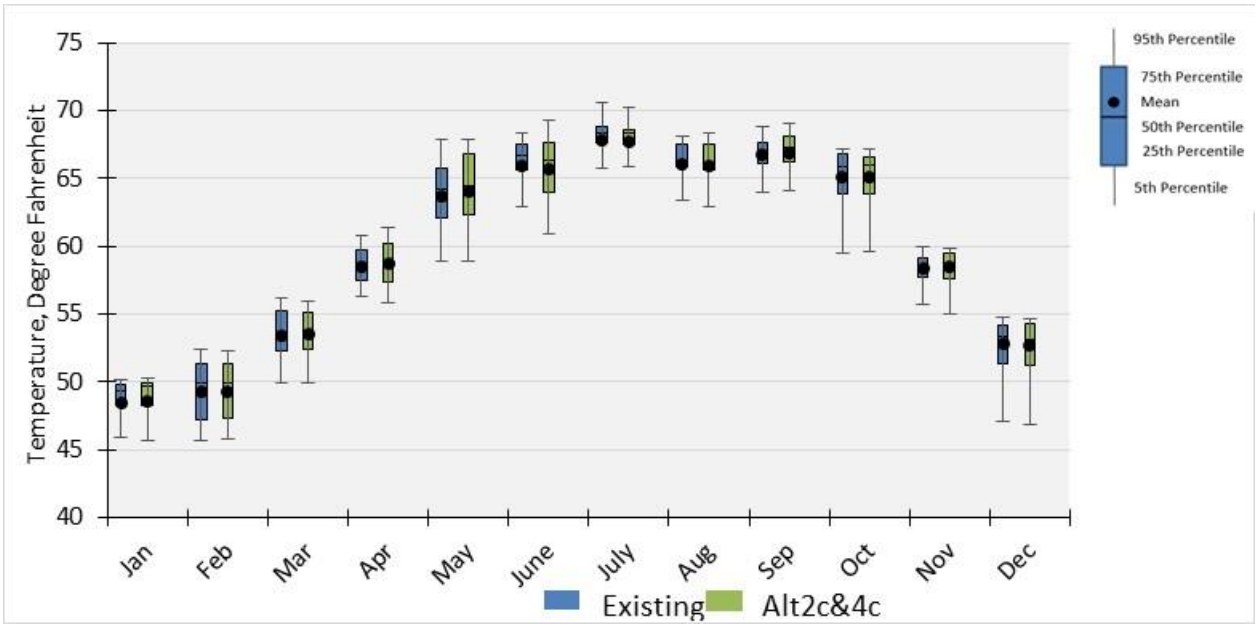
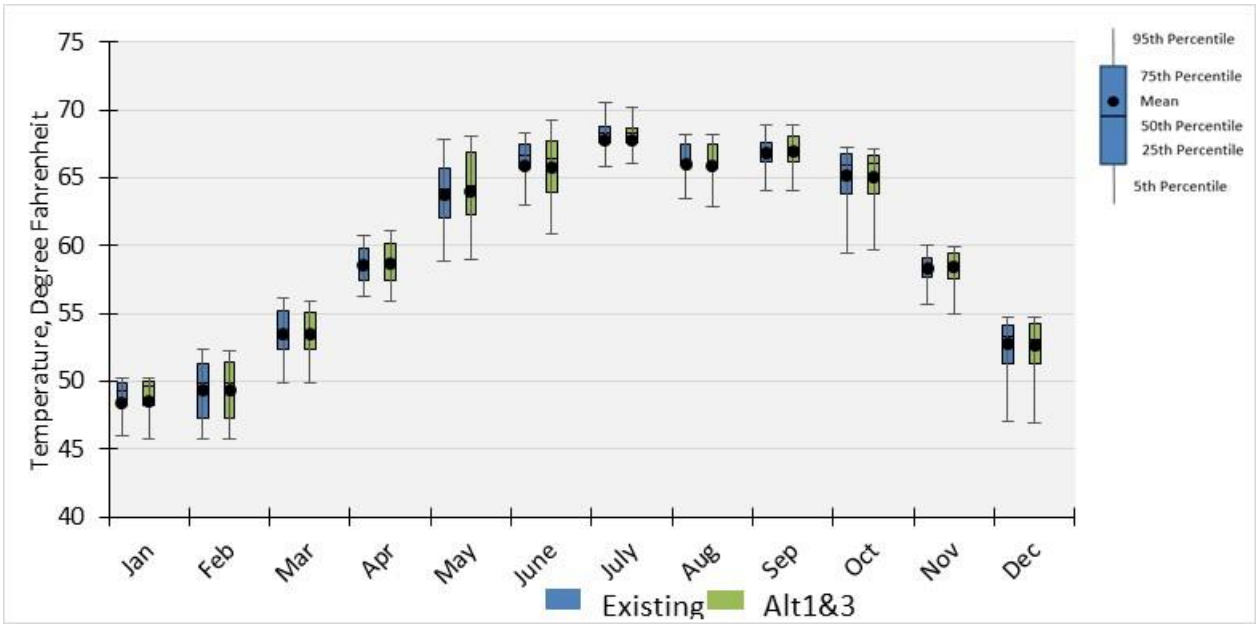


Figure 5A-D1.3.35. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



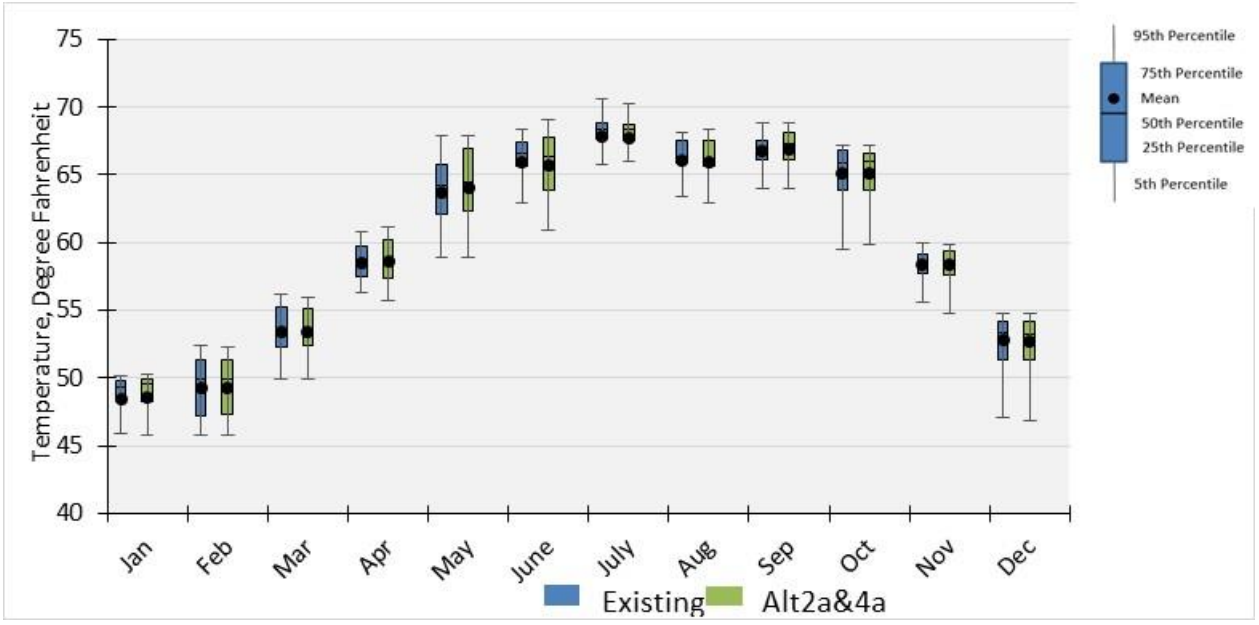


Figure 5A-D1.3.36. American River Below Nimbus (Hazel Avenue), Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

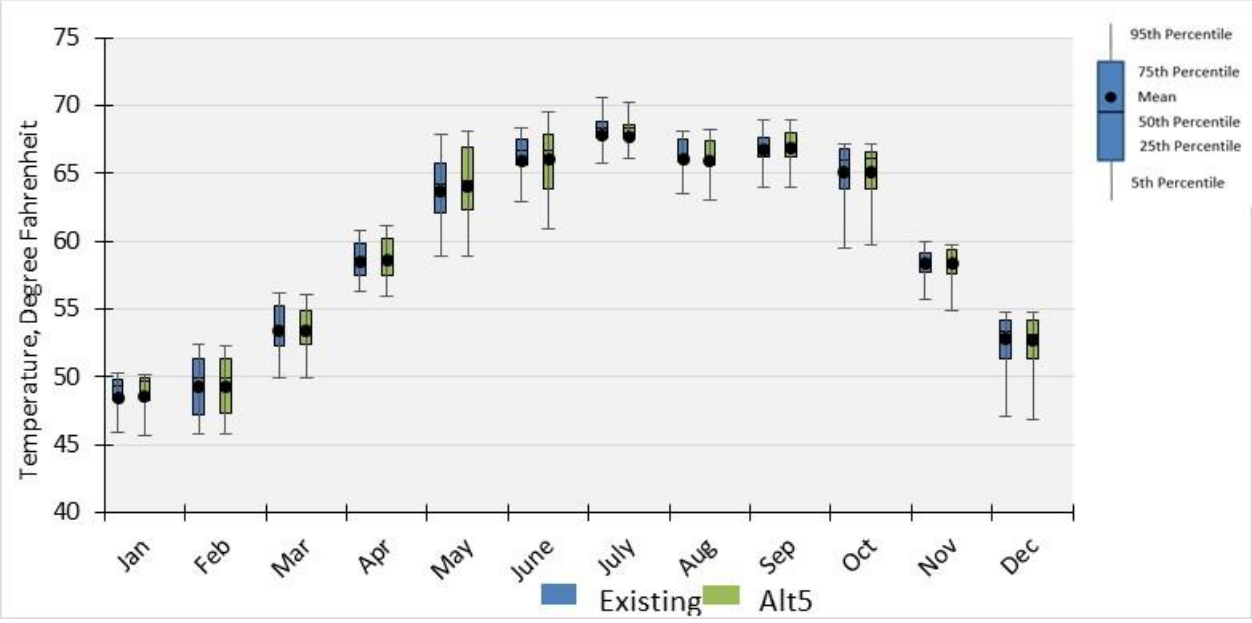
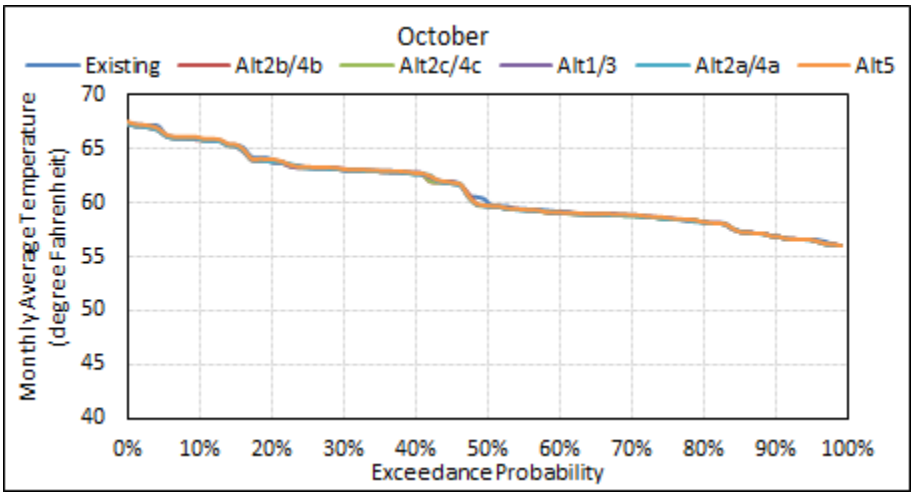
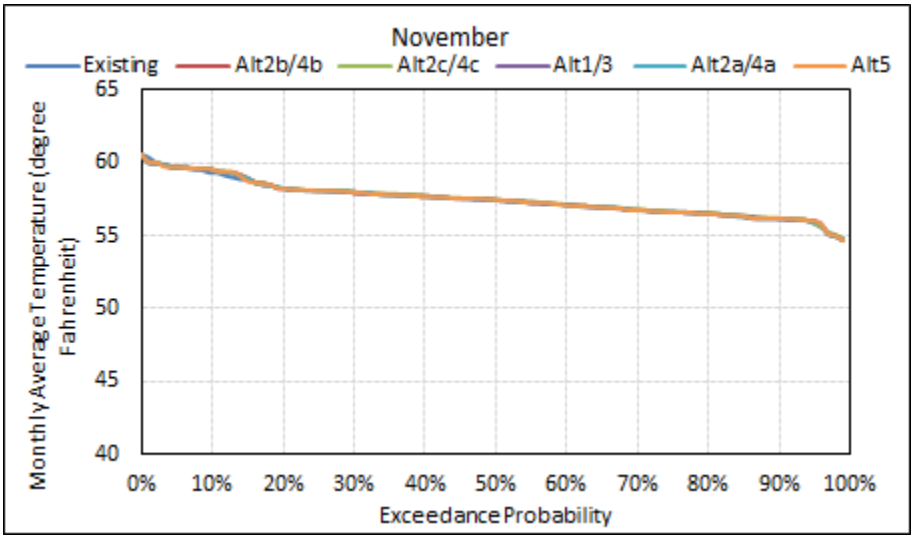


Figure 5A-D1.3.37-A. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





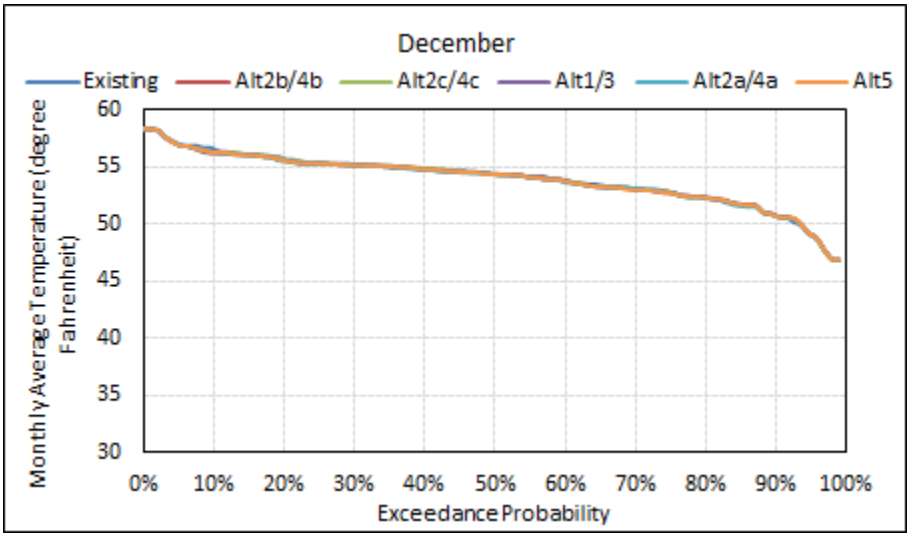
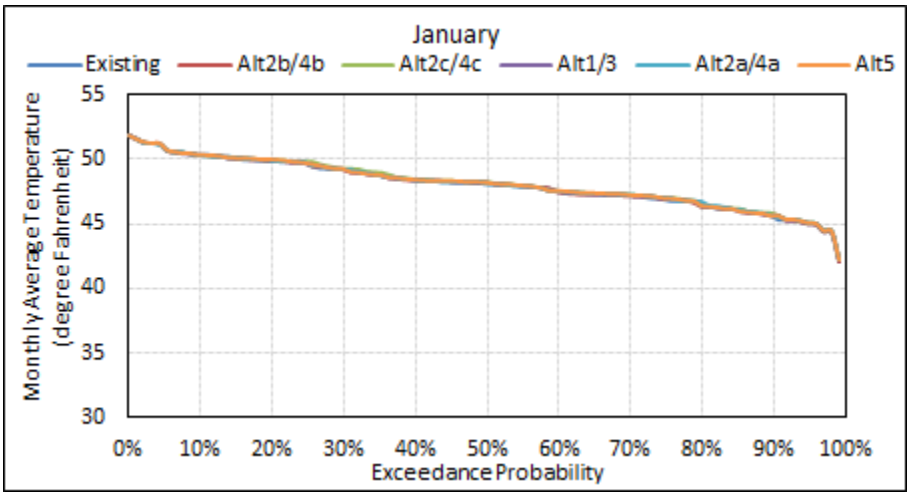
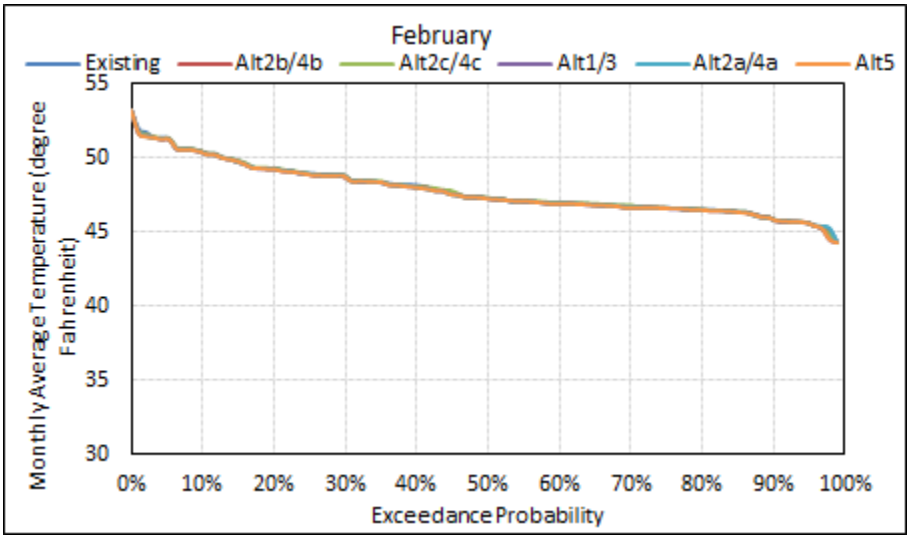


Figure 5A-D1.3.37-B. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





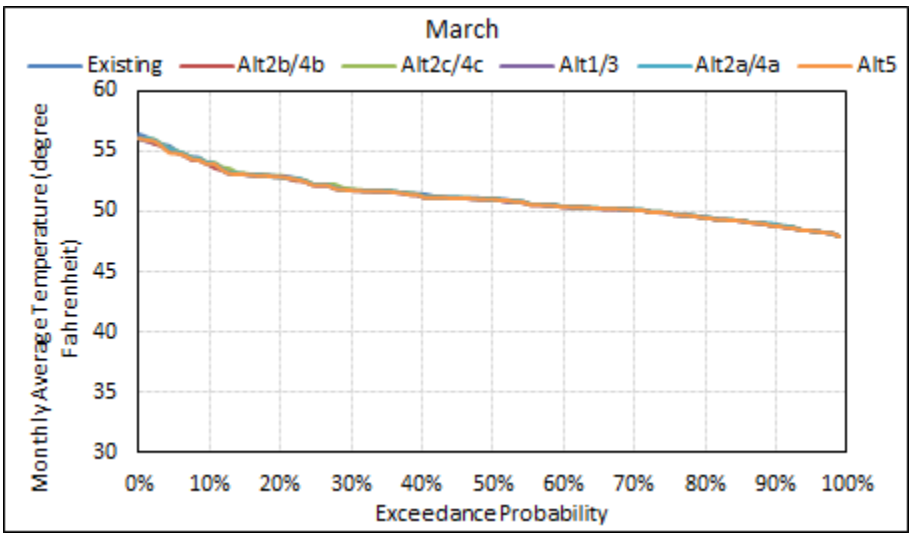
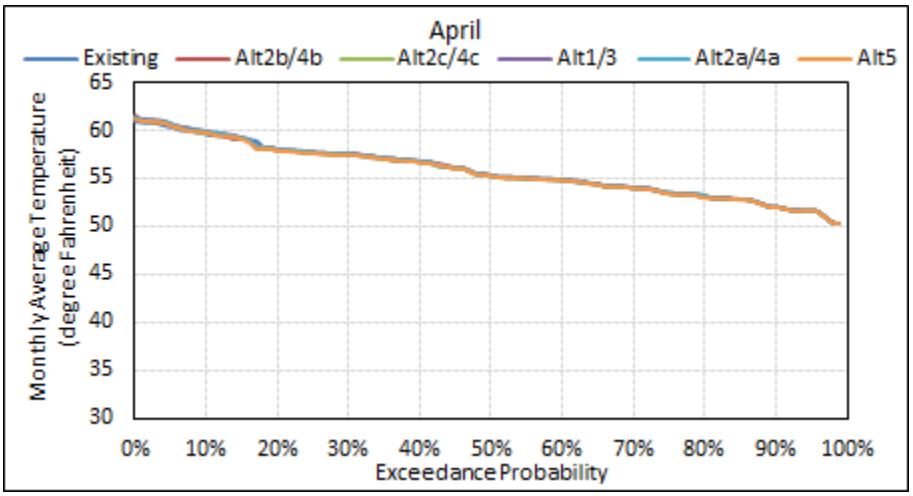
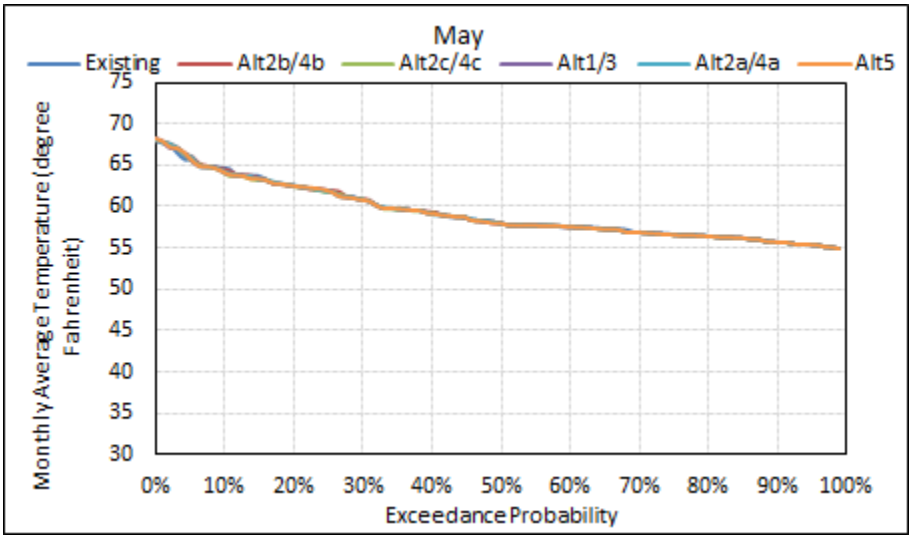


Figure 5A-D1.3.37-C. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





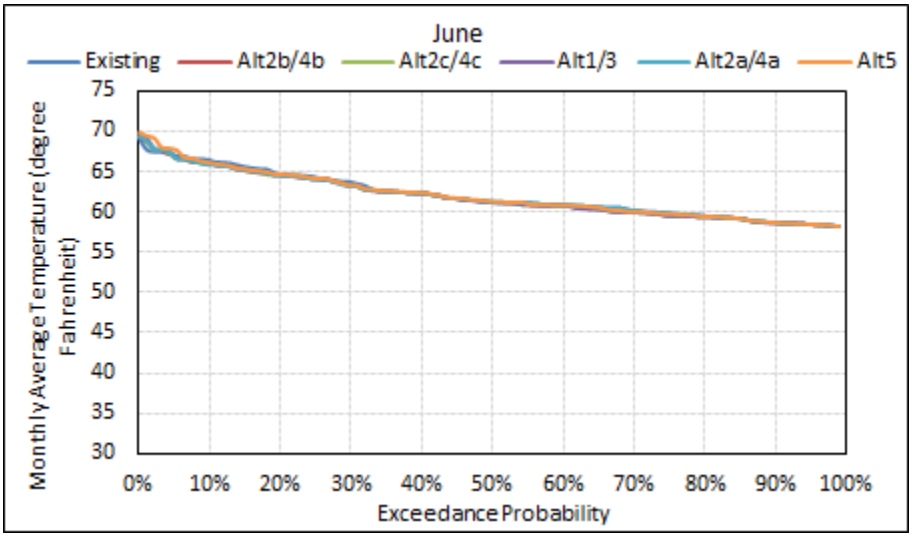
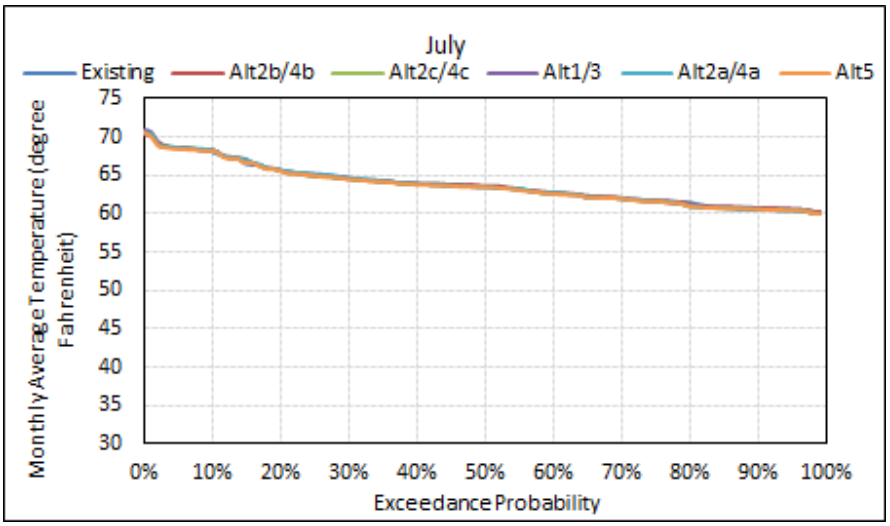
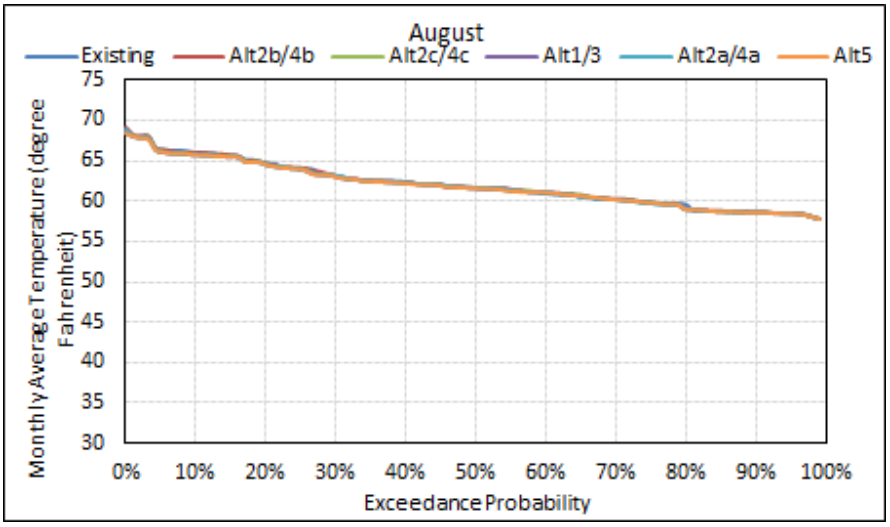


Figure 5A-D1.3.37-D. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





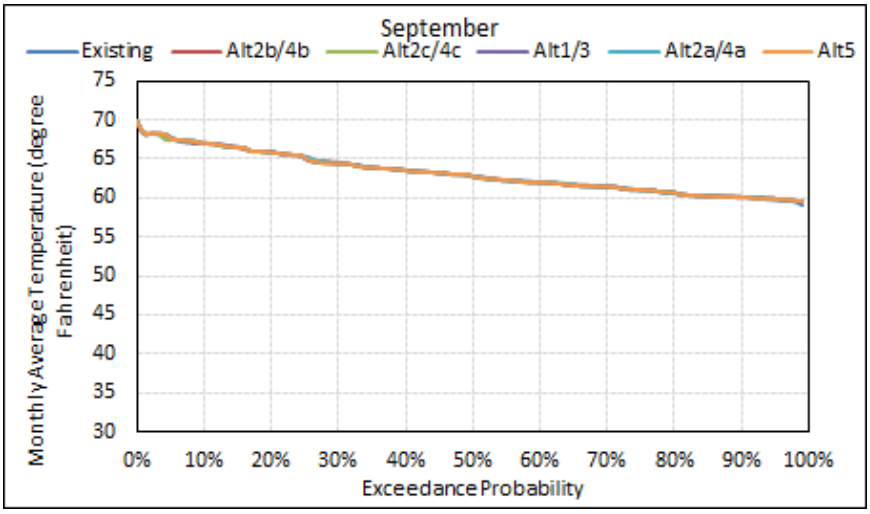


Figure 5A-D1.3.38. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

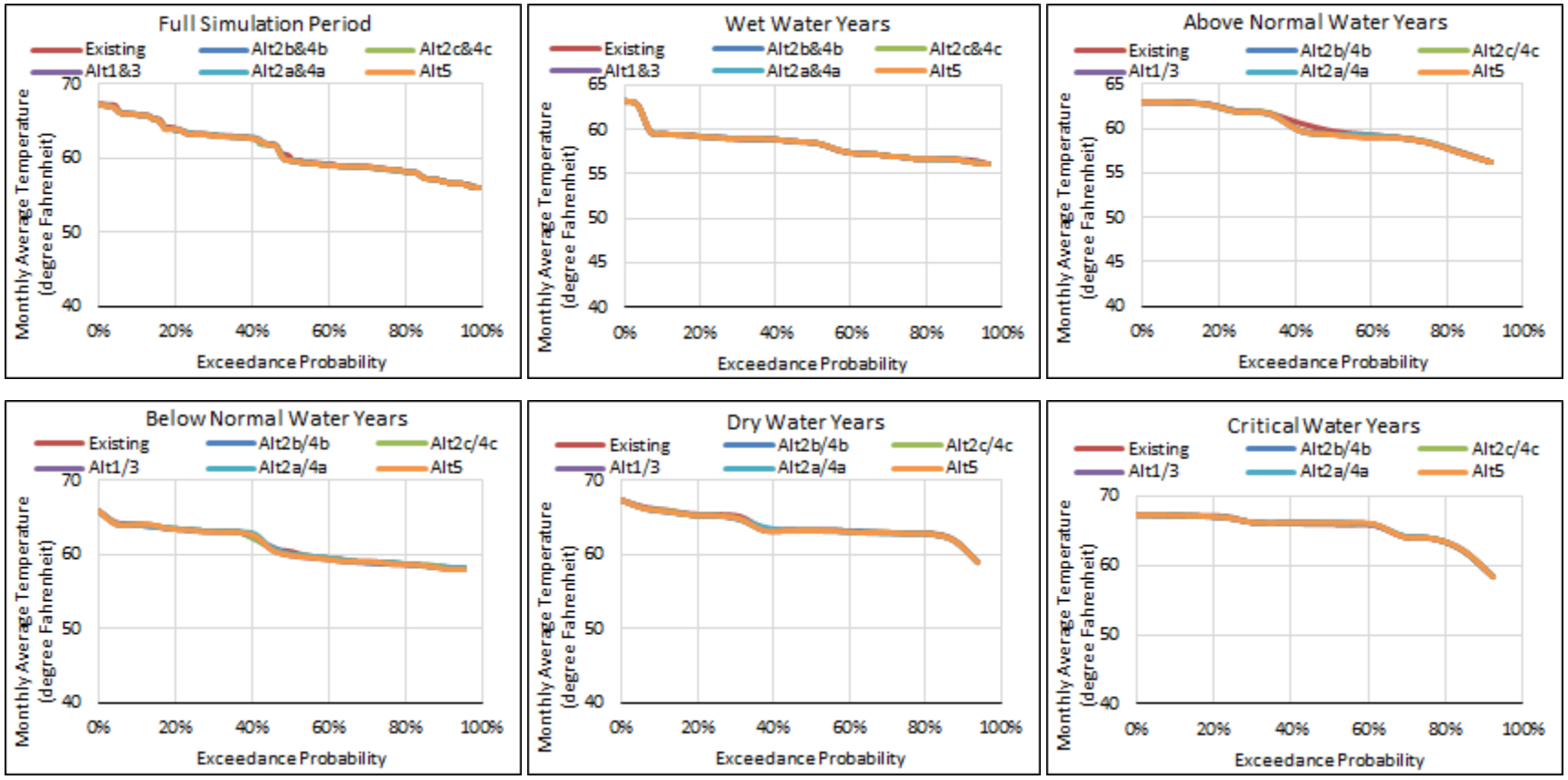


Figure 5A-D1.3.39. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

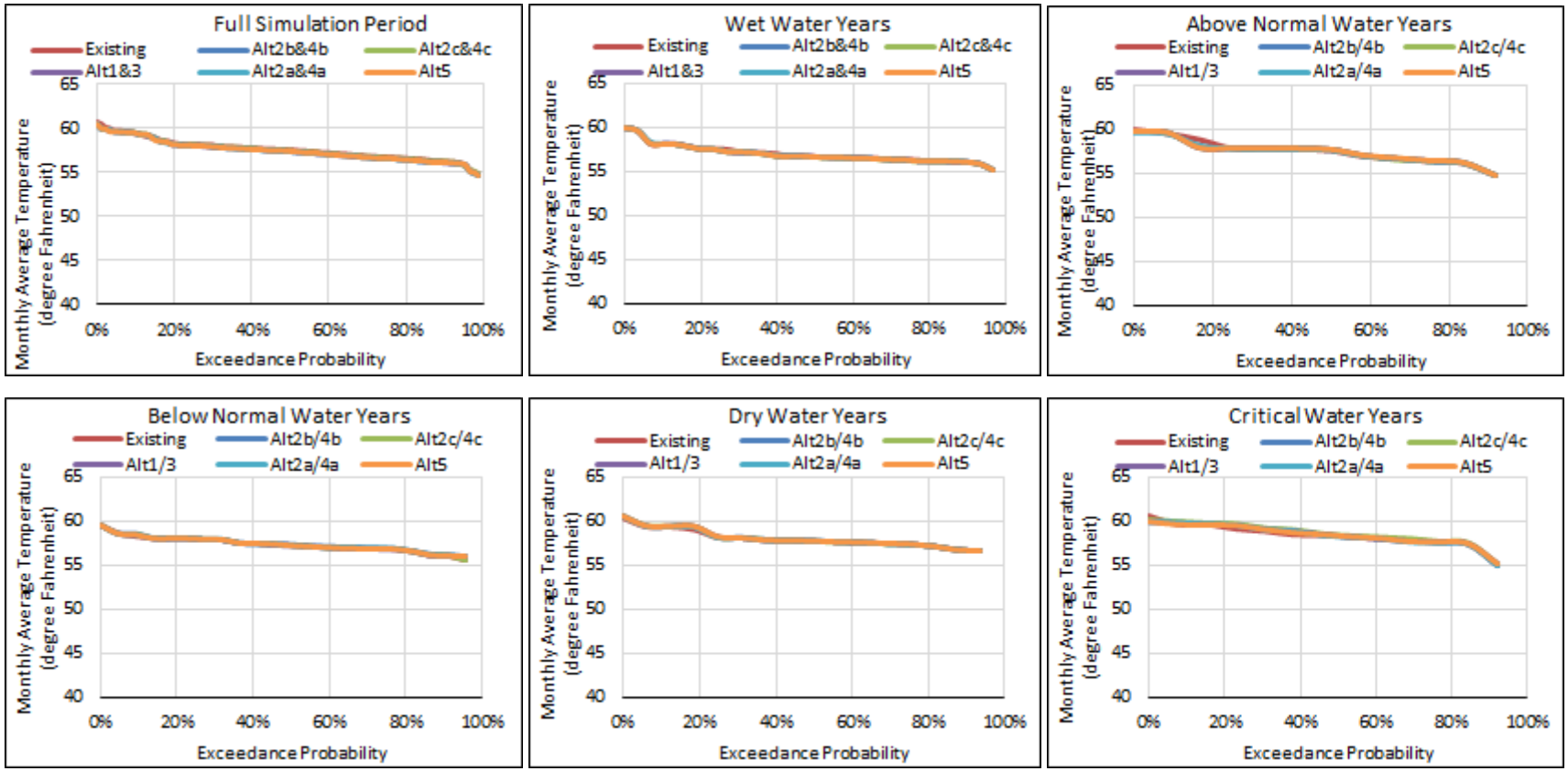


Figure 5A-D1.3.40. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

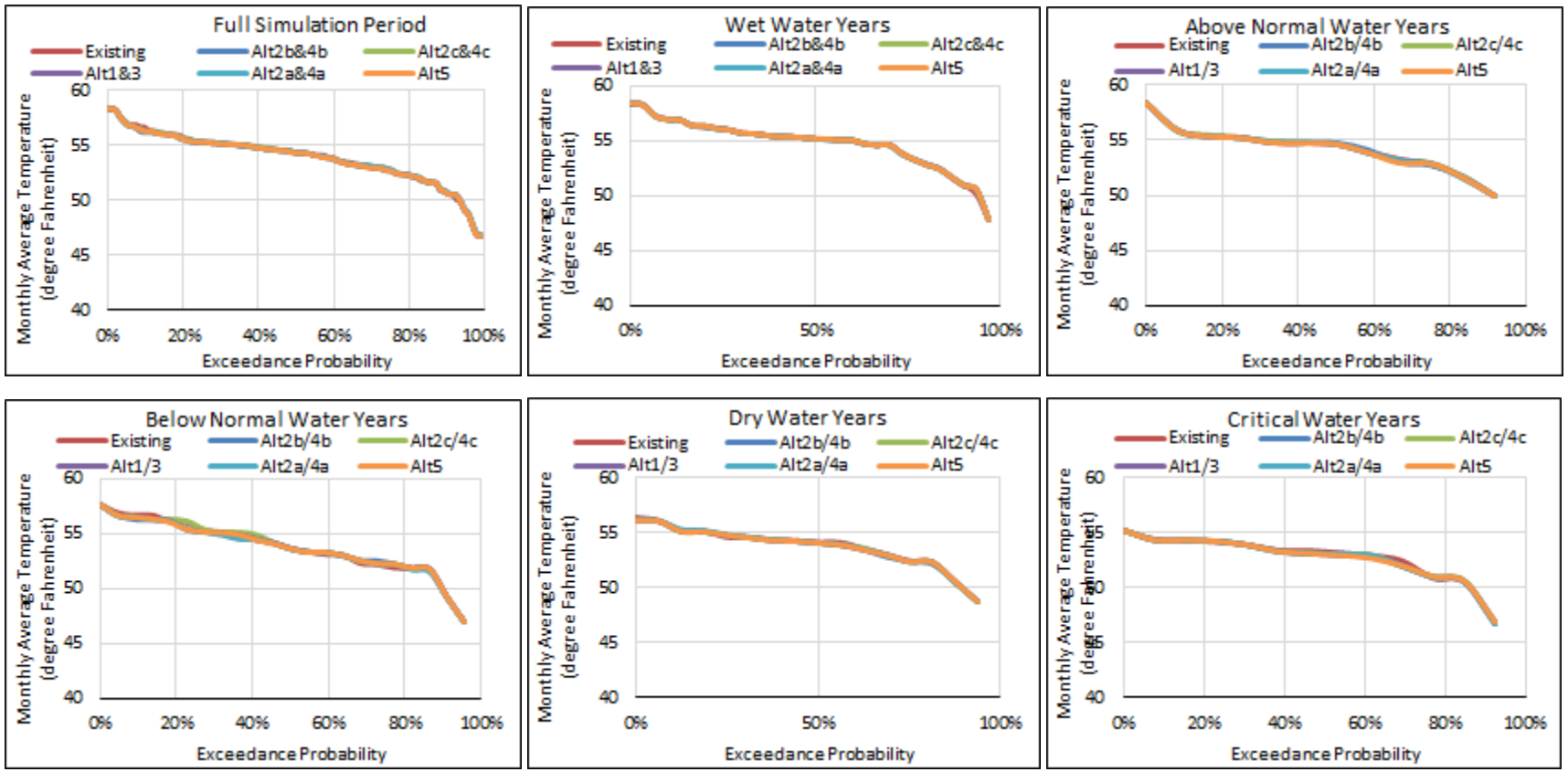


Figure 5A-D1.3.41. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

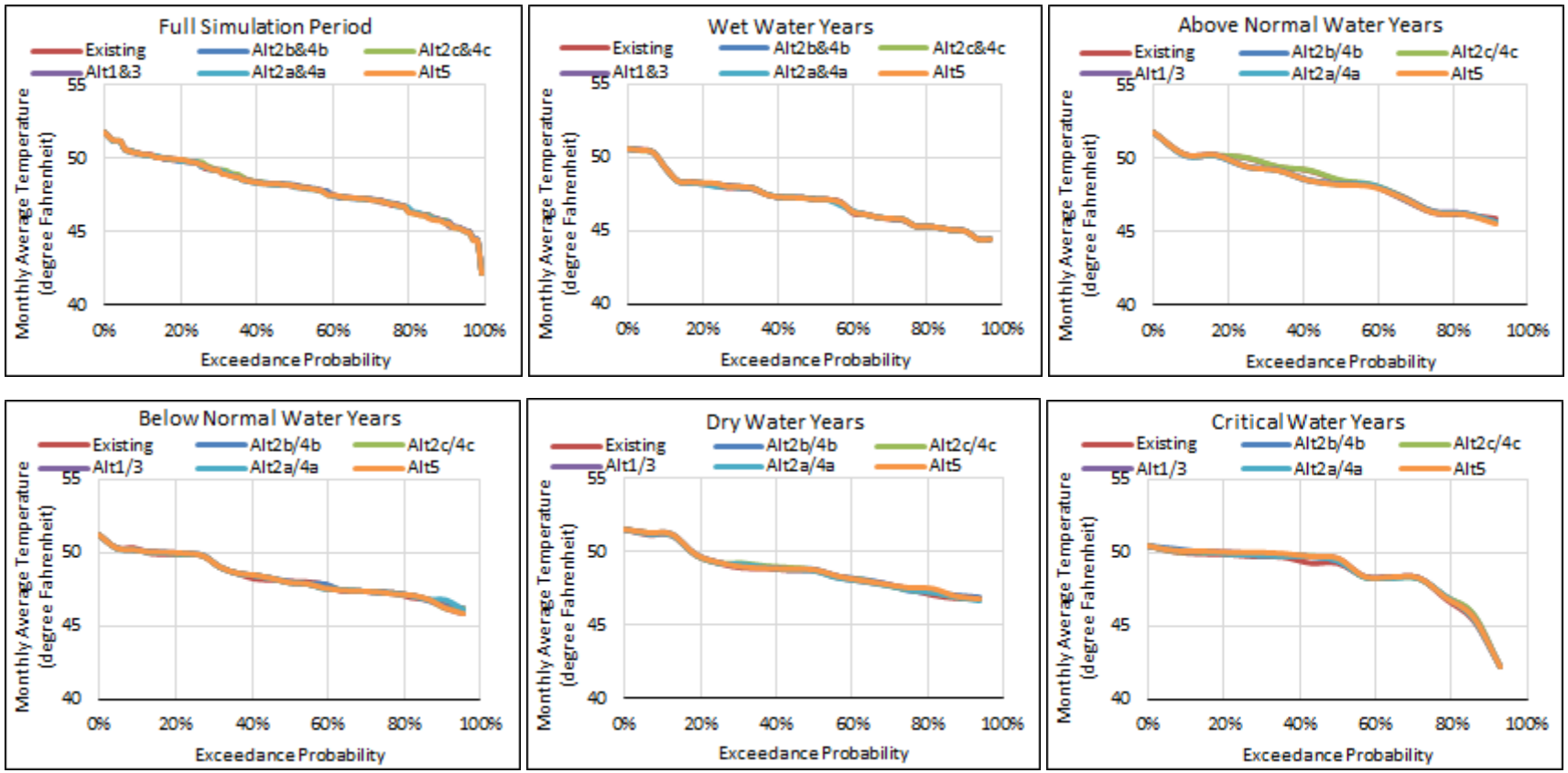


Figure 5A-D1.3.42. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

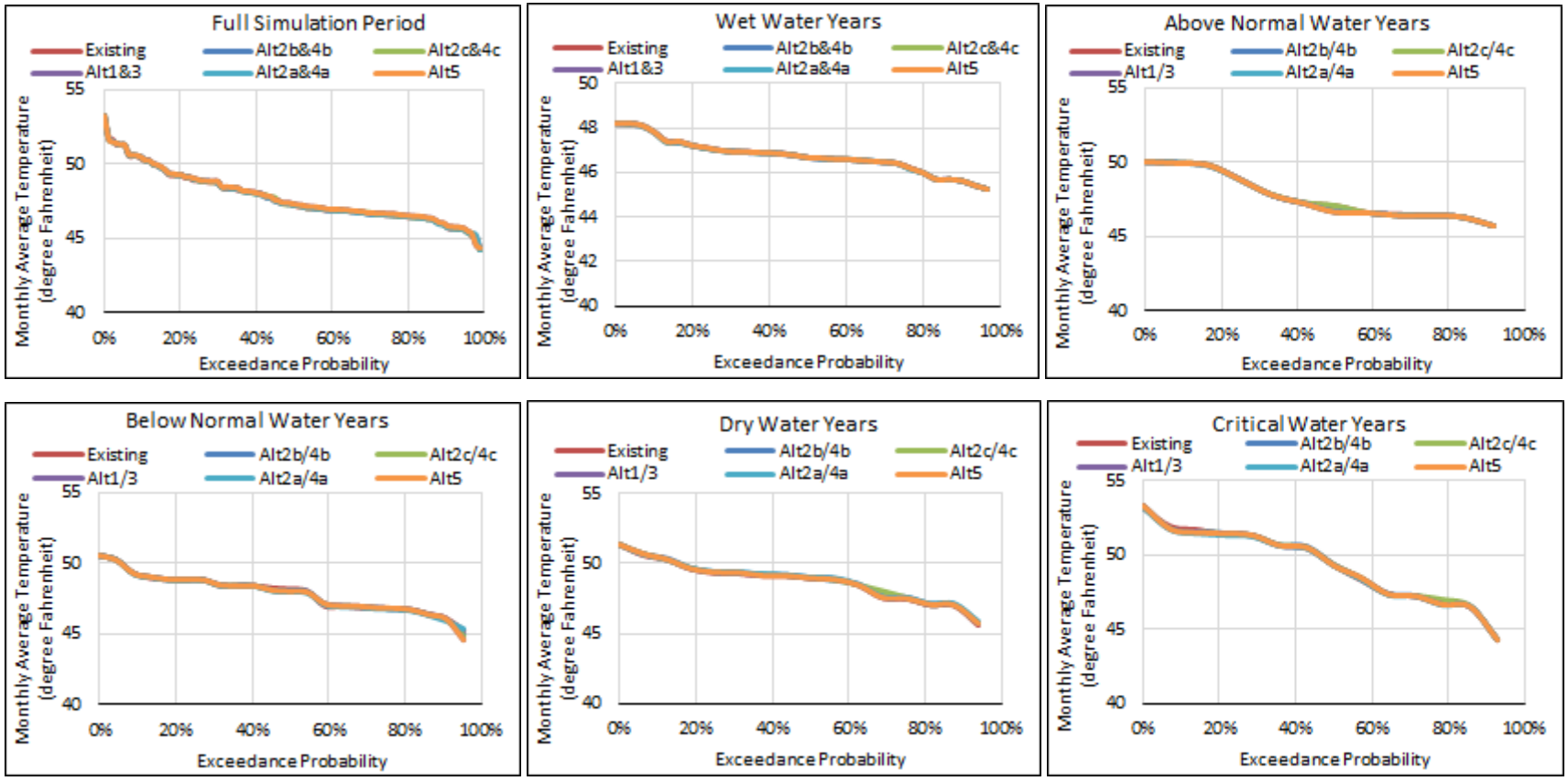


Figure 5A-D1.3.43. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

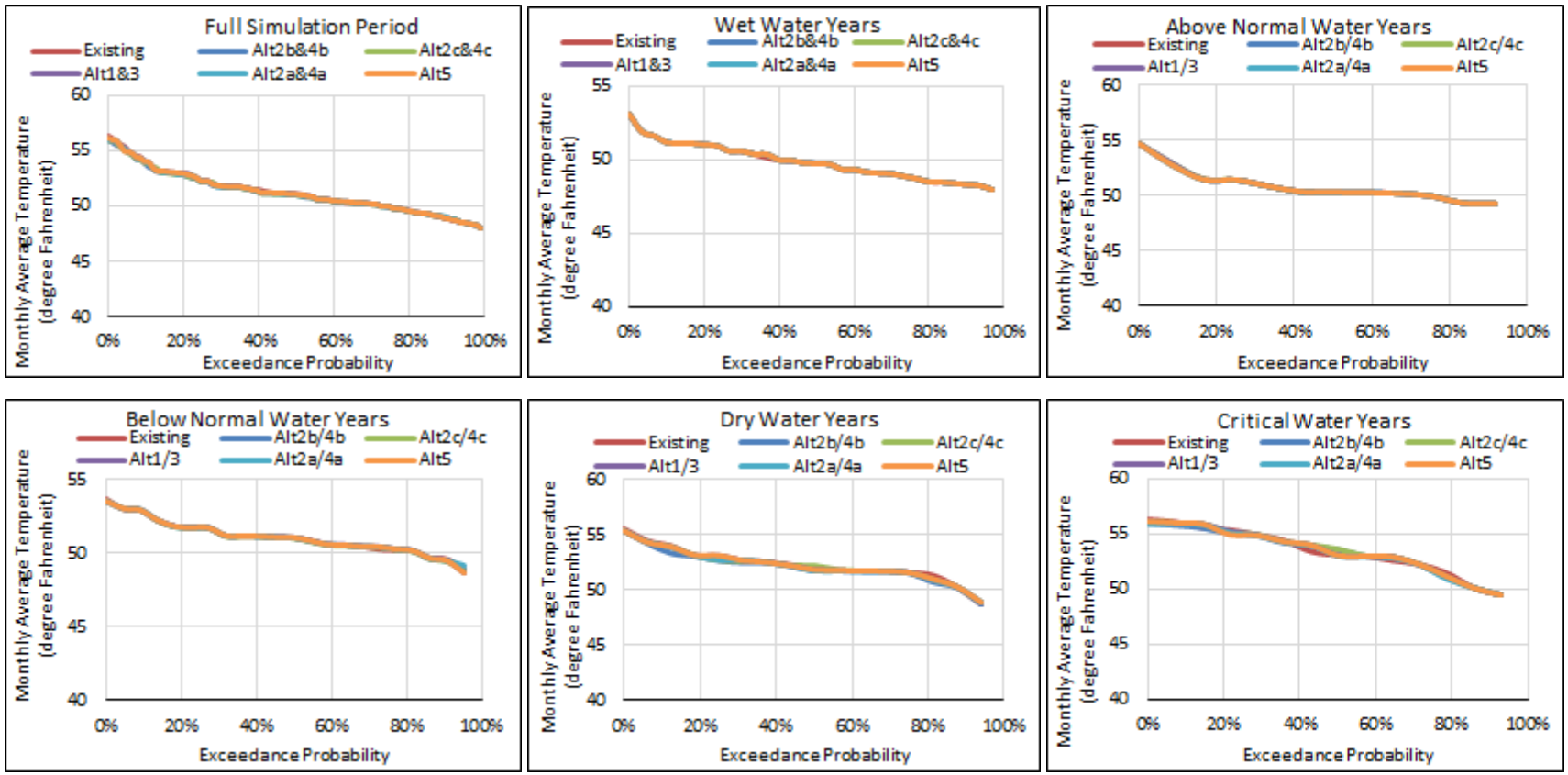


Figure 5A-D1.3.44. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

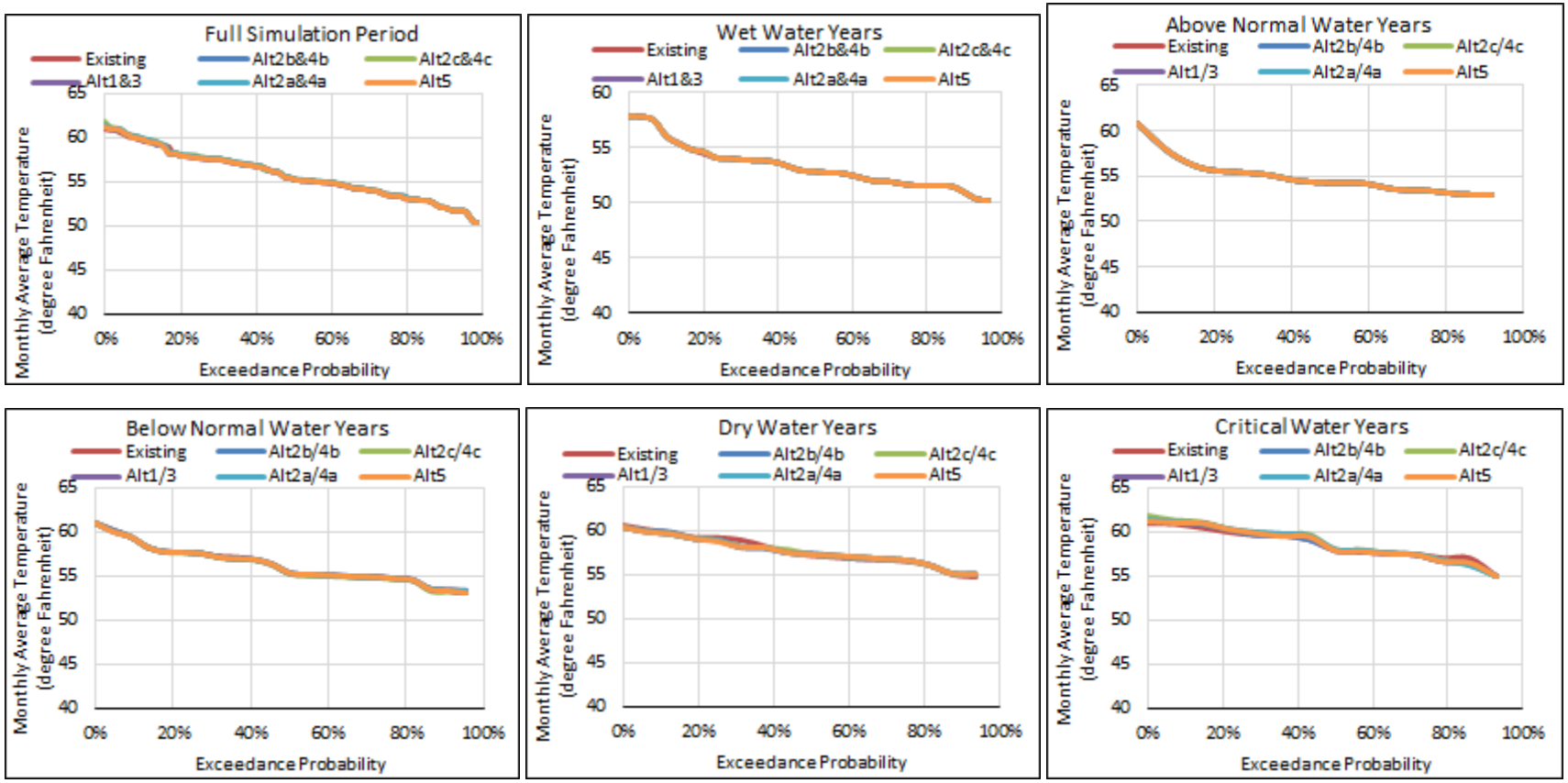


Figure 5A-D1.3.45. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

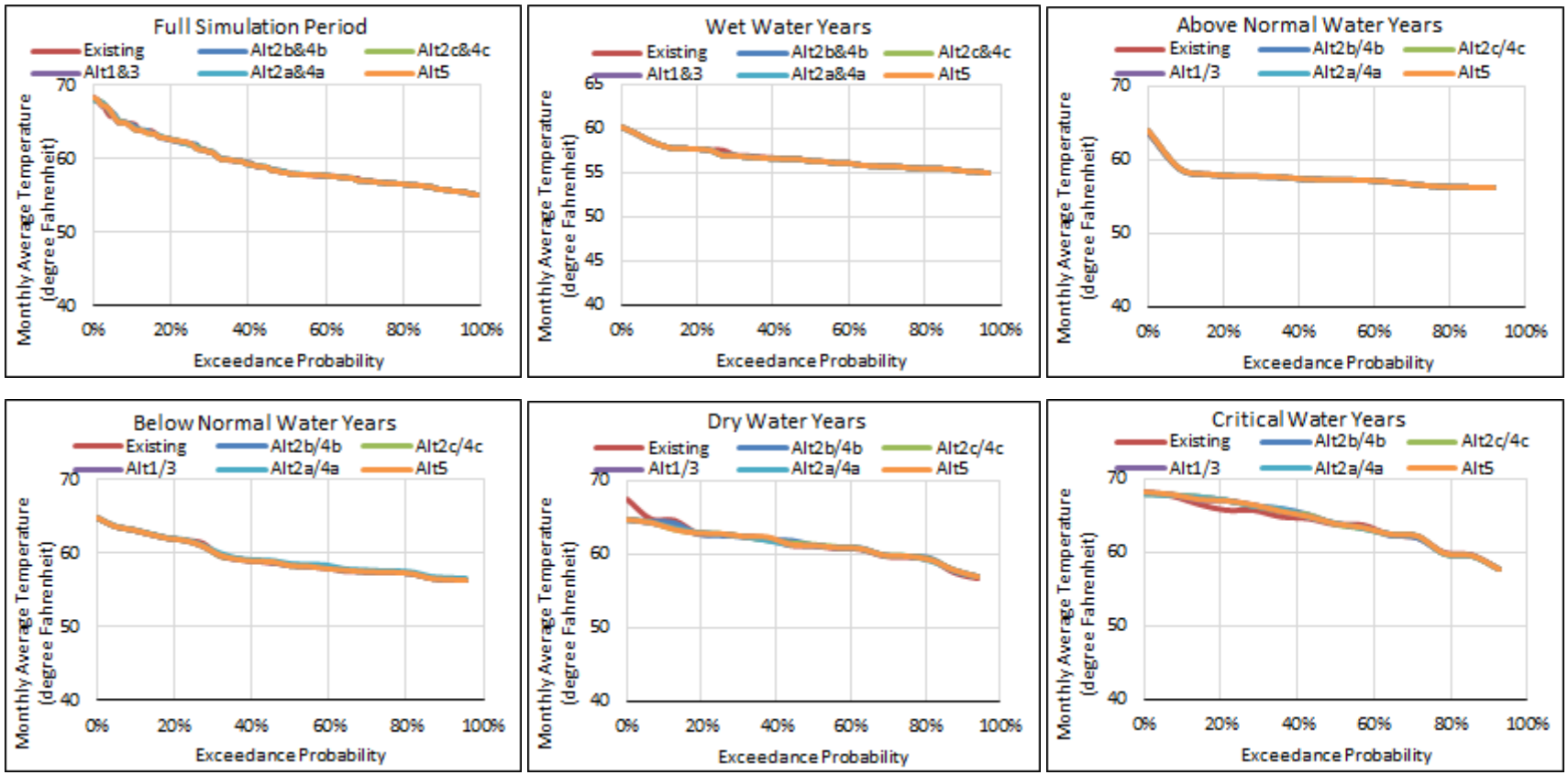


Figure 5A-D1.3.46. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

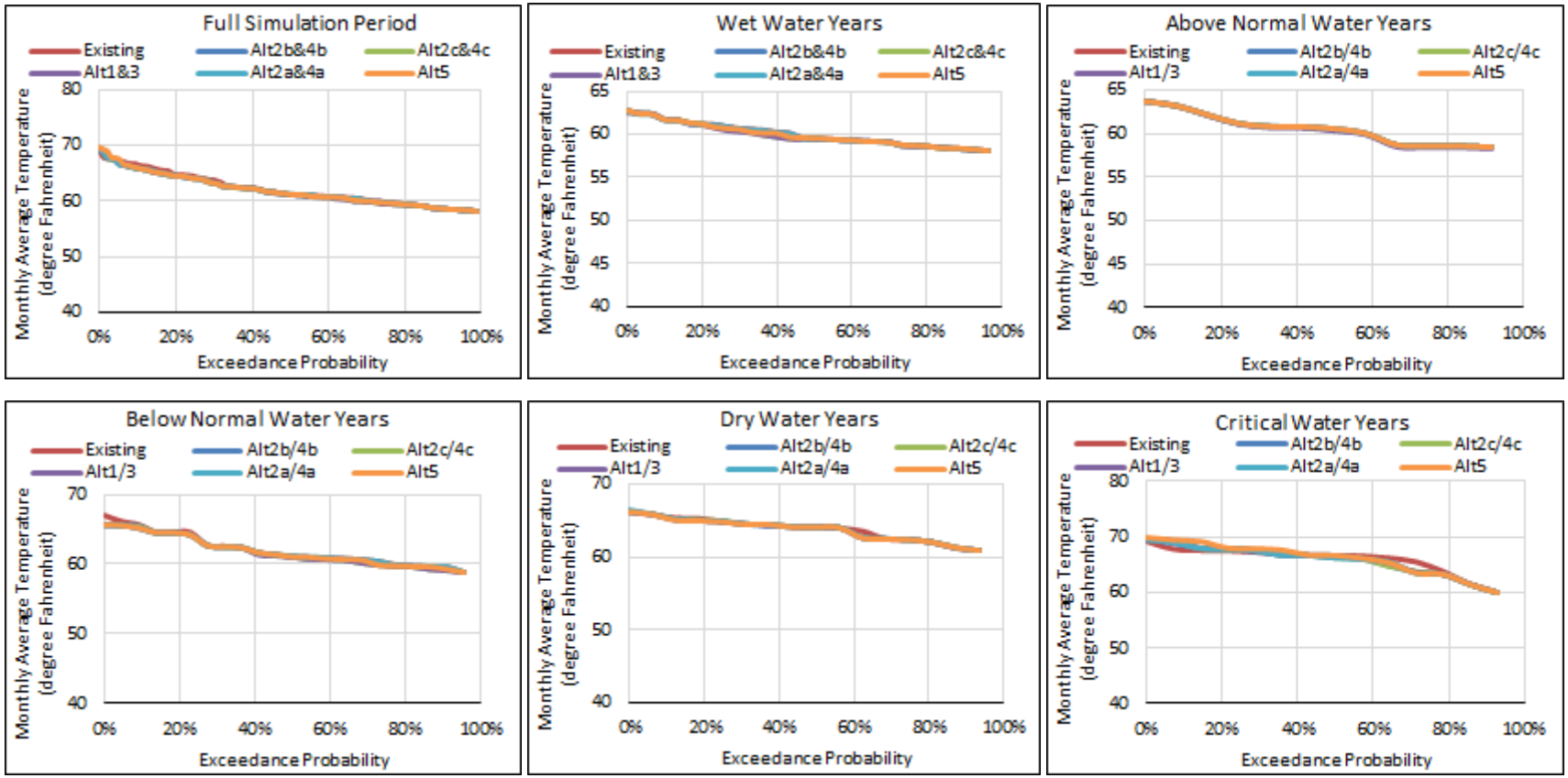


Figure 5A-D1.3.47. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

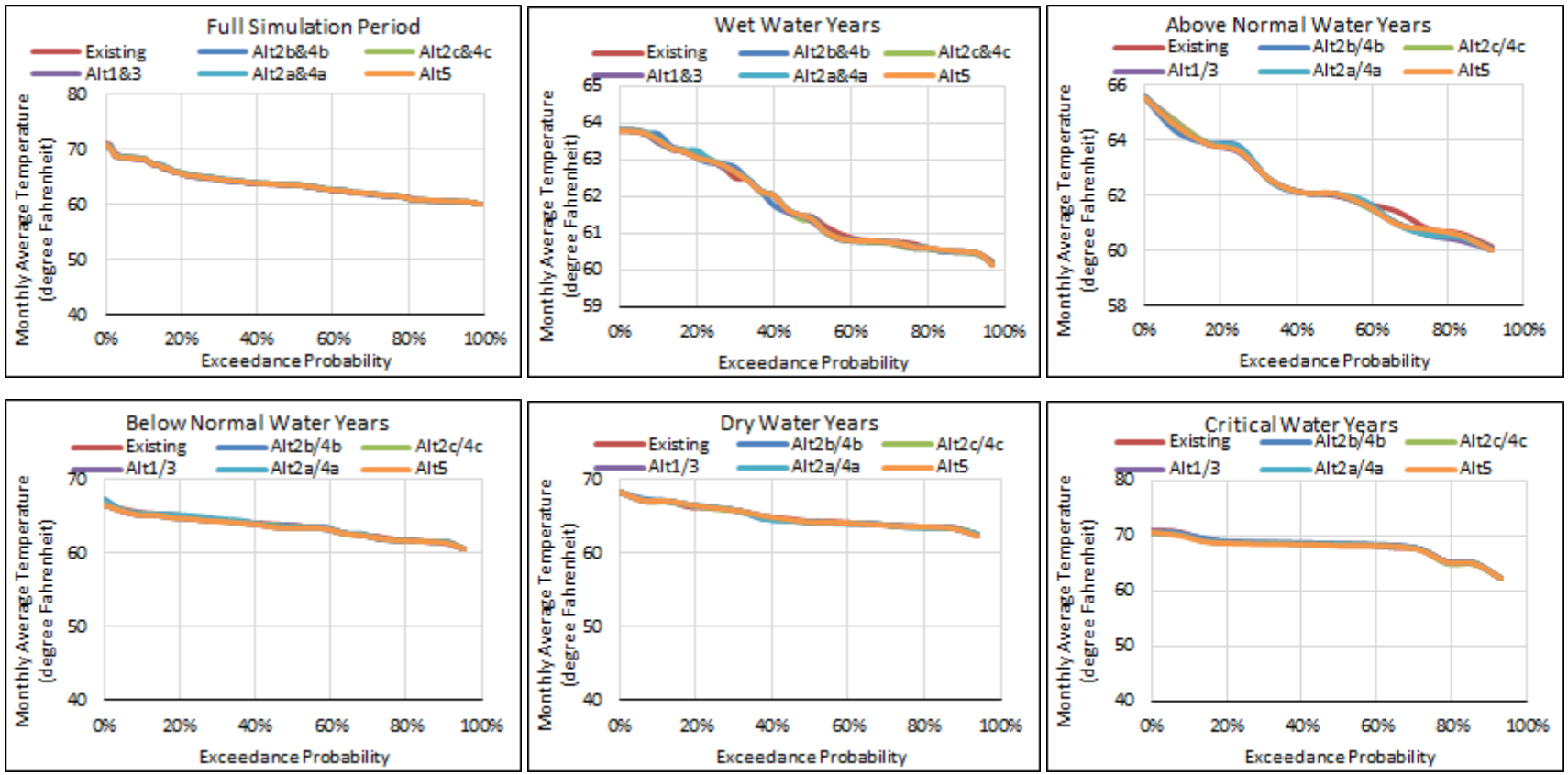


Figure 5A-D1.3.48. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

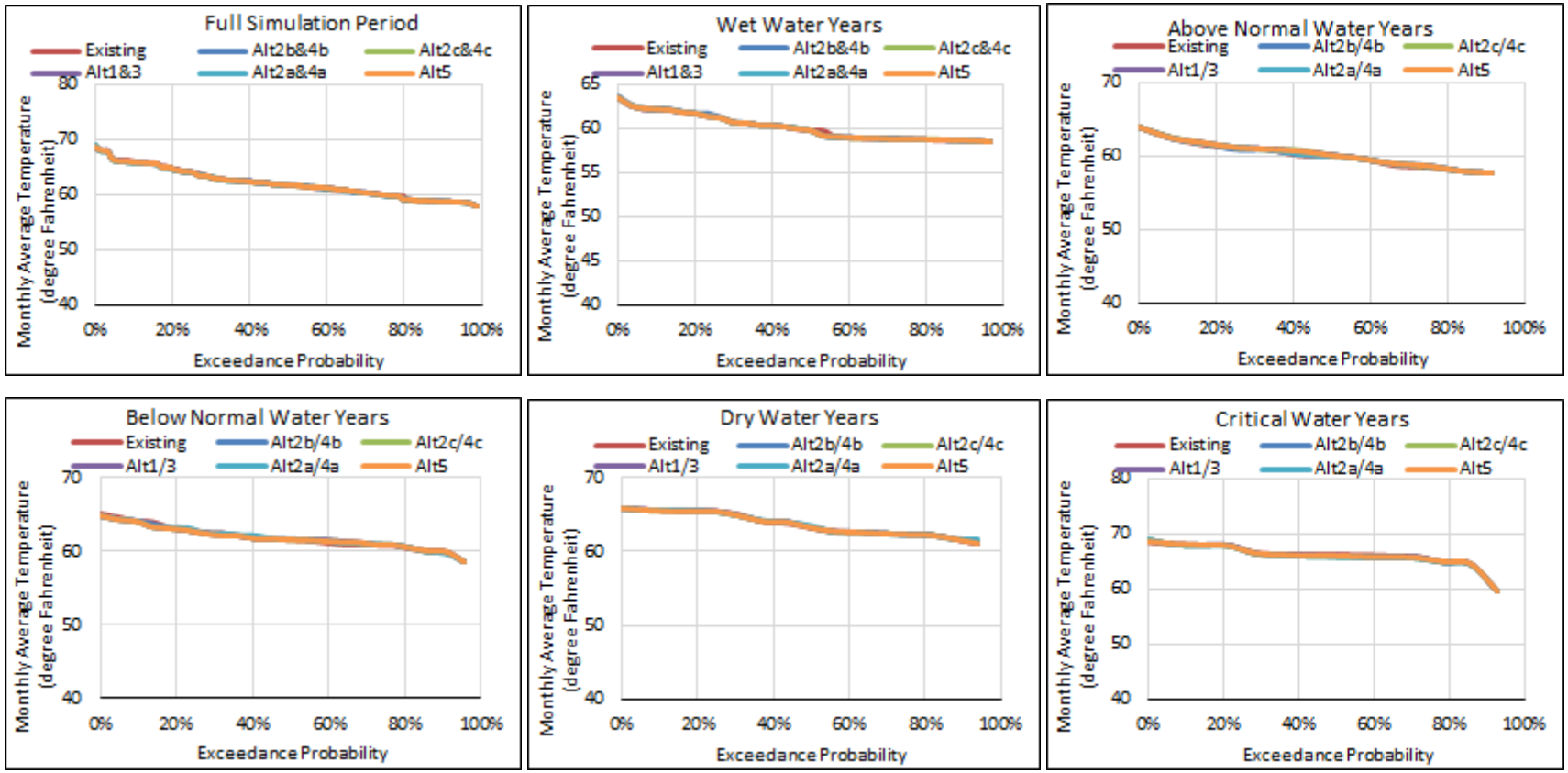
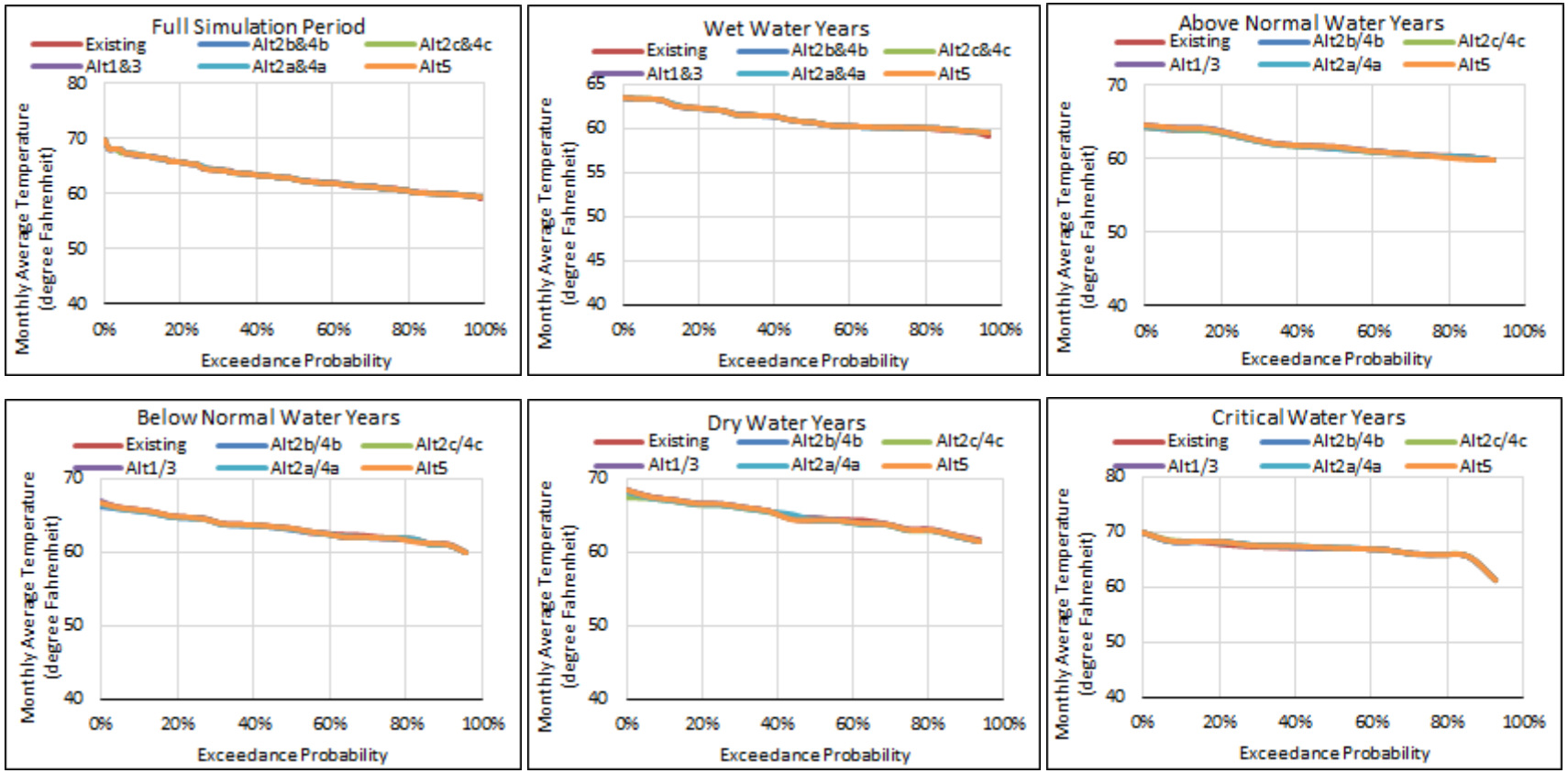


Figure 5A-D1.3.49. American River Below Nimbus (Hazel Avenue), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.4 American River at Watt Avenue

Table 5A-D1.4.1-A. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.6	59.6	55.8	50.7	51.6	56.6	64.1	68.9	71.5	71.8	70.1	69.9
20%	65.2	58.6	55.2	50.2	50.7	55.8	62.7	66.3	68.9	68.5	68.6	68.3
30%	64.5	58.1	54.6	49.6	50.2	54.8	61.1	65.1	66.4	67.6	66.5	66.8
40%	63.6	57.8	54.2	48.8	49.2	53.8	60.3	62.7	64.9	66.8	65.7	66.0
50%	62.0	57.5	53.6	48.3	48.7	53.4	59.0	61.0	64.2	66.3	65.1	65.2
60%	61.0	57.2	53.1	47.9	47.9	52.9	57.4	60.1	63.7	66.0	64.5	64.6
70%	60.5	56.8	52.6	47.5	47.6	52.0	56.4	59.3	63.1	65.4	63.7	64.0
80%	59.9	56.6	51.8	46.4	47.3	51.3	55.6	58.7	62.2	64.6	62.6	63.5
90%	59.0	56.4	50.7	45.8	47.0	50.1	53.8	57.7	61.0	64.2	61.7	63.0

Table 5A-D1.4.1-B. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.6	57.6	53.4	48.4	49.0	53.5	58.9	62.4	65.3	67.1	65.6	65.8
Wet Water Years	60.1	57.1	54.2	47.4	47.5	51.5	55.5	58.9	62.6	65.1	63.4	63.7
Above Normal Water Years	61.6	57.5	53.8	48.8	48.7	52.9	57.9	60.6	63.2	65.7	63.6	64.4
Below Normal Water Years	62.5	57.6	53.2	48.6	49.1	53.5	59.9	62.6	65.3	66.4	65.3	65.8
Dry Water Years	65.0	58.0	53.0	48.9	50.2	54.9	61.6	65.4	67.3	68.3	67.2	67.5
Critical Water Years	66.4	58.5	52.2	49.0	51.2	56.6	62.6	67.9	70.6	72.4	70.4	69.7

Table 5A-D1.4.1-C. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.7	59.6	55.7	50.7	51.6	56.5	64.1	68.7	71.1	72.0	70.0	70.0
20%	65.2	58.6	55.1	50.2	50.8	55.8	62.7	66.4	68.7	68.3	68.4	68.2
30%	64.5	58.0	54.6	49.6	50.2	54.7	61.1	65.1	66.3	67.6	66.4	66.8
40%	63.6	57.8	54.2	48.8	49.1	53.7	60.2	62.8	64.9	66.9	65.7	66.0
50%	62.0	57.5	53.7	48.4	48.7	53.4	59.0	60.9	64.1	66.3	65.4	65.3
60%	60.8	57.2	53.1	47.9	47.9	52.9	57.4	60.1	63.7	66.0	64.6	64.6
70%	60.4	56.8	52.5	47.5	47.6	52.0	56.4	59.2	63.0	65.3	64.0	64.0
80%	59.8	56.5	52.0	46.5	47.3	51.3	55.6	58.7	62.2	64.6	62.6	63.5
90%	59.0	56.3	50.7	45.8	47.0	50.2	53.8	57.7	61.0	64.2	61.8	63.0

Table 5A-D1.4.1-D. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.6	57.6	53.4	48.4	49.0	53.5	58.9	62.4	65.2	67.1	65.6	65.8
Wet Water Years	60.1	57.1	54.2	47.4	47.5	51.5	55.5	58.9	62.5	65.1	63.4	63.7
Above Normal Water Years	61.5	57.4	53.8	48.7	48.6	52.9	57.9	60.6	63.2	65.6	63.8	64.4
Below Normal Water Years	62.4	57.6	53.2	48.6	49.1	53.5	59.9	62.6	65.1	66.4	65.4	65.8
Dry Water Years	65.0	58.1	53.0	48.9	50.2	54.8	61.6	65.3	67.3	68.3	67.3	67.5
Critical Water Years	66.4	58.6	52.1	49.1	51.2	56.6	62.6	68.2	70.3	72.3	70.5	69.8

Table 5A-D1.4.1-E. American River at Watt Avenue, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	-0.3	-0.4	0.1	-0.1	0.1
20%	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.3	-0.1	-0.2	-0.1
30%	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.0	-0.1	0.0
40%	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	0.0	0.1	0.1	0.0
50%	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.2	-0.1	0.0	0.3	0.0
60%	-0.2	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.0
70%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	0.2	0.1
80%	-0.1	-0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0

Table 5A-D1.4.1-F. American River at Watt Avenue, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.1	0.0
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	-0.2	-0.1	0.0	0.1

Table 5A-D1.4.1-G. American River at Watt Avenue, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	-0.3%	-0.1%	0.0%	-0.2%	0.0%	-0.4%	-0.6%	0.2%	-0.2%	0.1%
20%	-0.1%	0.1%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.4%	-0.2%	-0.2%	-0.2%
30%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%
40%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.2%	0.1%	0.0%	0.1%	0.1%	0.0%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.3%	-0.1%	0.1%	0.4%	0.0%
60%	-0.3%	-0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%
70%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.3%	0.0%	0.4%	0.1%
80%	-0.1%	-0.1%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%
90%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%

Table 5A-D1.4.1-H. American River at Watt Avenue, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%
Above Normal Water Years	-0.2%	-0.2%	0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.3%	0.0%
Below Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.1%	0.0%
Dry Water Years	0.0%	0.1%	-0.1%	0.1%	0.0%	-0.2%	0.0%	-0.3%	-0.1%	0.0%	0.1%	0.0%
Critical Water Years	0.0%	0.1%	-0.1%	0.2%	0.0%	0.0%	-0.1%	0.4%	-0.3%	-0.1%	0.1%	0.1%

Table 5A-D1.4.2-A. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.6	59.7	55.7	50.7	51.7	56.5	64.1	68.9	71.0	72.0	69.8	70.0
20%	65.2	58.6	55.2	50.3	50.8	55.9	62.7	66.5	68.6	68.6	68.4	68.3
30%	64.5	58.0	54.7	49.7	50.2	54.7	61.1	65.1	66.4	67.6	66.4	66.8
40%	63.6	57.8	54.2	48.8	49.1	53.7	60.2	62.7	64.9	66.7	65.7	66.1
50%	62.0	57.5	53.7	48.3	48.7	53.4	59.0	60.9	64.1	66.3	65.3	65.3
60%	60.8	57.2	53.0	47.9	47.9	52.9	57.4	60.1	63.7	66.0	64.8	64.6
70%	60.4	56.8	52.6	47.5	47.6	52.0	56.4	59.2	62.9	65.3	63.9	63.9
80%	59.8	56.5	51.9	46.5	47.3	51.3	55.5	58.7	62.2	64.6	62.6	63.5
90%	59.0	56.3	50.7	45.8	47.1	50.2	53.8	57.7	61.0	64.2	61.7	63.1

Table 5A-D1.4.2-B. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.5	57.6	53.5	48.4	49.0	53.5	58.9	62.4	65.2	67.1	65.6	65.9
Wet Water Years	60.1	57.1	54.2	47.4	47.5	51.5	55.5	58.9	62.5	65.1	63.4	63.7
Above Normal Water Years	61.4	57.4	53.8	48.8	48.7	52.9	57.9	60.6	63.2	65.6	63.9	64.4
Below Normal Water Years	62.4	57.6	53.3	48.6	49.1	53.5	59.9	62.6	65.0	66.4	65.4	65.8
Dry Water Years	65.0	58.0	53.0	49.0	50.2	54.9	61.6	65.2	67.3	68.3	67.2	67.4
Critical Water Years	66.4	58.6	52.1	49.1	51.2	56.6	62.6	68.2	70.3	72.2	70.4	69.8

Table 5A-D1.4.2-C. American River at Watt Avenue, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.5	0.2	-0.2	0.0
20%	-0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.2	-0.3	0.1	-0.2	0.0
30%	0.0	0.0	0.1	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	0.0
40%	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	-0.2	0.0	0.0	0.2	0.0
60%	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	0.2	-0.1
80%	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
90%	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1

Table 5A-D1.4.2-D. American River at Watt Avenue, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.3	0.0
Below Normal Water Years	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	-0.1	0.0	0.1	-0.1
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	-0.2	-0.2	0.0	0.1

Table 5A-D1.4.2-E. American River at Watt Avenue, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	-0.2%	0.0%	0.1%	-0.2%	0.0%	-0.1%	-0.7%	0.2%	-0.3%	0.0%
20%	-0.1%	0.0%	0.0%	0.2%	0.0%	0.2%	0.0%	0.3%	-0.4%	0.1%	-0.3%	0.0%
30%	0.0%	-0.1%	0.2%	0.1%	0.0%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	0.0%
40%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	-0.2%	0.1%	-0.1%	-0.1%	0.1%	0.0%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.3%	0.0%	0.0%	0.3%	0.0%
60%	-0.3%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.1%	0.5%	0.0%
70%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.4%	-0.1%	0.3%	-0.1%
80%	-0.1%	-0.1%	0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%
90%	0.0%	-0.1%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%

Table 5A-D1.4.2-F. American River at Watt Avenue, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.4%	0.1%
Below Normal Water Years	-0.2%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.3%	0.0%	0.1%	0.0%
Dry Water Years	0.0%	0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	-0.3%	-0.1%	0.1%	0.1%	-0.1%
Critical Water Years	-0.1%	0.1%	-0.1%	0.2%	0.0%	0.0%	0.1%	0.4%	-0.3%	-0.2%	0.0%	0.2%

Table 5A-D1.4.3-A. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.7	59.7	55.7	50.7	51.7	56.7	64.1	68.9	71.1	72.0	69.9	69.9
20%	65.2	58.6	55.1	50.3	50.8	55.9	62.7	66.5	68.6	68.6	68.4	68.4
30%	64.5	58.0	54.6	49.6	50.2	54.7	61.0	65.1	66.3	67.7	66.4	66.8
40%	63.6	57.8	54.2	48.7	49.1	53.7	60.2	62.7	64.9	66.8	65.7	66.1
50%	62.0	57.5	53.7	48.4	48.7	53.4	59.0	60.9	64.1	66.3	65.4	65.3
60%	60.8	57.2	53.0	47.9	47.9	52.9	57.3	60.1	63.5	66.0	64.7	64.5
70%	60.4	56.8	52.5	47.5	47.6	52.0	56.4	59.2	62.9	65.2	63.9	64.0
80%	59.8	56.5	51.8	46.5	47.3	51.3	55.5	58.7	62.2	64.6	62.6	63.5
90%	58.9	56.3	50.7	45.7	47.1	50.1	53.8	57.7	61.0	64.2	61.8	63.1

Table 5A-D1.4.3-B. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.6	57.6	53.4	48.4	49.0	53.5	58.9	62.4	65.1	67.1	65.6	65.9
Wet Water Years	60.1	57.1	54.2	47.4	47.5	51.5	55.5	58.9	62.5	65.1	63.4	63.7
Above Normal Water Years	61.4	57.4	53.8	48.7	48.6	52.9	57.9	60.6	63.2	65.6	63.8	64.5
Below Normal Water Years	62.4	57.6	53.2	48.6	49.1	53.5	59.9	62.6	65.0	66.4	65.4	65.8
Dry Water Years	65.0	58.0	53.0	48.9	50.2	54.9	61.6	65.2	67.3	68.3	67.2	67.5
Critical Water Years	66.4	58.6	52.1	49.1	51.2	56.6	62.5	68.2	70.4	72.3	70.4	69.8

Table 5A-D1.4.3-C. American River at Watt Avenue, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	-0.2	0.0	0.0	0.1	0.0	-0.1	-0.4	0.1	-0.1	0.0
20%	-0.1	0.0	-0.1	0.1	0.0	0.1	0.0	0.2	-0.3	0.1	-0.2	0.1
30%	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2	0.1	-0.1	0.0
40%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.1	0.0	0.1	0.0
50%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	-0.1	0.0	0.2	0.0
60%	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0	0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.1	0.2	0.0
80%	-0.1	-0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1

Table 5A-D1.4.3-D. American River at Watt Avenue, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.3	-0.2	-0.1	-0.1	0.1

Table 5A-D1.4.3-E. American River at Watt Avenue, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	-0.3%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.6%	0.2%	-0.2%	0.0%
20%	-0.1%	0.0%	-0.2%	0.1%	0.1%	0.2%	0.0%	0.3%	-0.4%	0.1%	-0.3%	0.1%
30%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%	-0.1%	-0.2%	0.1%	-0.2%	0.0%
40%	0.0%	0.0%	-0.1%	0.0%	-0.2%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	0.3%	0.1%
60%	-0.4%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.0%	0.2%	-0.1%
70%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.4%	-0.2%	0.3%	0.1%
80%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%
90%	0.0%	-0.1%	0.0%	-0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%

Table 5A-D1.4.3-F. American River at Watt Avenue, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.4%	0.1%
Below Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.4%	0.0%	0.2%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.1%	0.1%	-0.1%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.5%	-0.3%	-0.1%	-0.1%	0.2%

Table 5A-D1.4.4-A. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.7	59.6	55.7	50.7	51.7	56.5	64.1	69.0	71.1	72.0	69.9	70.0
20%	65.2	58.6	55.1	50.3	50.8	55.8	62.9	66.5	68.6	68.5	68.4	68.3
30%	64.4	58.0	54.5	49.6	50.2	54.7	61.0	65.0	66.2	67.6	66.8	66.8
40%	63.7	57.8	54.1	48.8	49.0	53.6	60.3	62.7	64.9	66.9	65.8	66.1
50%	62.0	57.5	53.7	48.3	48.7	53.4	59.0	61.0	64.1	66.3	65.4	65.3
60%	60.9	57.2	53.0	47.9	47.9	52.9	57.4	60.1	63.7	66.0	64.6	64.6
70%	60.4	56.8	52.5	47.5	47.6	52.0	56.4	59.2	63.2	65.3	63.9	64.0
80%	59.8	56.5	51.9	46.5	47.3	51.3	55.5	58.7	62.2	64.6	62.6	63.5
90%	58.9	56.3	50.5	45.9	47.1	50.1	53.8	57.7	61.0	64.2	61.8	63.0

Table 5A-D1.4.4-B. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.6	57.6	53.4	48.3	49.0	53.5	58.9	62.4	65.2	67.1	65.6	65.9
Wet Water Years	60.1	57.1	54.2	47.4	47.5	51.5	55.5	58.9	62.6	65.1	63.4	63.7
Above Normal Water Years	61.5	57.4	53.8	48.7	48.6	52.9	57.9	60.6	63.2	65.6	63.7	64.4
Below Normal Water Years	62.4	57.6	53.2	48.6	49.1	53.5	59.9	62.6	65.2	66.5	65.4	65.8
Dry Water Years	65.0	58.0	53.0	48.9	50.2	54.9	61.6	65.2	67.3	68.3	67.4	67.5
Critical Water Years	66.4	58.6	52.1	49.1	51.2	56.5	62.5	68.2	70.4	72.2	70.4	69.8

Table 5A-D1.4.4-C. American River at Watt Avenue, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.4	0.2	-0.2	0.1
20%	0.0	0.0	-0.1	0.1	0.0	0.0	0.1	0.2	-0.3	0.1	-0.2	0.0
30%	-0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.2	0.0	0.3	0.0
40%	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.1	0.2	0.0
50%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	0.1
60%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.1	0.0
80%	-0.1	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
90%	0.0	0.0	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1

Table 5A-D1.4.4-D. American River at Watt Avenue, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.2	0.0
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.3	-0.2	-0.1	0.0	0.1

Table 5A-D1.4.4-E. American River at Watt Avenue, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	-0.3%	-0.1%	0.0%	-0.2%	0.0%	0.1%	-0.6%	0.2%	-0.2%	0.1%
20%	0.0%	0.0%	-0.2%	0.1%	0.0%	0.1%	0.2%	0.3%	-0.5%	0.1%	-0.3%	0.0%
30%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	-0.2%	-0.2%	0.0%	0.4%	-0.1%
40%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	-0.1%	0.0%	0.0%	0.2%	0.3%	0.0%
50%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.4%	0.1%
60%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.1%
70%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.1%	-0.1%	0.2%	0.1%
80%	-0.2%	-0.1%	0.1%	0.2%	-0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%
90%	0.0%	-0.1%	-0.4%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%

Table 5A-D1.4.4-F. American River at Watt Avenue, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-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	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.2%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%
Below Normal Water Years	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.1%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.4%	-0.1%	0.1%	0.3%	0.0%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	-0.1%	0.5%	-0.3%	-0.2%	0.0%	0.2%

Table 5A-D1.4.5-A. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.7	59.7	55.7	50.7	51.7	56.7	64.1	68.9	71.1	72.0	69.9	69.9
20%	65.2	58.5	55.0	50.3	50.8	55.9	62.7	66.5	68.6	68.6	68.4	68.3
30%	64.5	58.0	54.6	49.6	50.2	54.7	61.0	65.1	66.2	67.7	66.4	66.8
40%	63.6	57.8	54.2	48.7	49.1	53.7	60.3	62.7	64.9	66.7	65.7	66.0
50%	62.0	57.5	53.7	48.3	48.7	53.4	59.0	60.9	64.1	66.3	65.3	65.3
60%	60.8	57.2	53.1	47.9	47.9	52.9	57.4	60.1	63.7	66.0	64.7	64.6
70%	60.4	56.8	52.5	47.5	47.6	52.0	56.4	59.2	63.0	65.3	63.9	64.0
80%	59.8	56.5	51.8	46.5	47.3	51.3	55.5	58.7	62.2	64.6	62.6	63.5
90%	58.9	56.3	50.7	45.7	47.1	50.1	53.8	57.7	61.0	64.2	61.8	63.0

Table 5A-D1.4.5-B. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.6	57.6	53.4	48.3	49.0	53.5	58.9	62.4	65.2	67.1	65.6	65.8
Wet Water Years	60.1	57.1	54.2	47.4	47.5	51.5	55.5	58.9	62.5	65.1	63.4	63.7
Above Normal Water Years	61.4	57.4	53.8	48.7	48.6	52.9	57.9	60.6	63.2	65.6	63.8	64.4
Below Normal Water Years	62.5	57.6	53.2	48.6	49.1	53.5	59.9	62.6	65.1	66.4	65.4	65.8
Dry Water Years	65.0	58.0	53.0	48.9	50.2	54.9	61.6	65.2	67.3	68.3	67.2	67.5
Critical Water Years	66.4	58.5	52.1	49.1	51.2	56.5	62.5	68.2	70.5	72.2	70.4	69.8

Table 5A-D1.4.5-C. American River at Watt Avenue, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	-0.2	0.0	0.0	0.1	0.0	-0.1	-0.4	0.1	-0.1	0.0
20%	-0.1	-0.1	-0.2	0.0	0.0	0.1	0.0	0.2	-0.3	0.1	-0.2	0.0
30%	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.2	0.0	-0.1	0.0
40%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.0
50%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.1	0.0
60%	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	0.2	0.0
80%	-0.1	-0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0
90%	0.0	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0

Table 5A-D1.4.5-D. American River at Watt Avenue, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	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	-0.2	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1	0.3	0.0	-0.1	-0.1	0.1

Table 5A-D1.4.5-E. American River at Watt Avenue, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	-0.3%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.6%	0.2%	-0.2%	0.0%
20%	-0.1%	-0.1%	-0.3%	0.1%	0.0%	0.2%	0.0%	0.3%	-0.4%	0.2%	-0.3%	0.0%
30%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%	-0.1%	-0.3%	0.1%	-0.2%	0.0%
40%	0.0%	0.0%	-0.1%	0.0%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.2%	0.1%
60%	-0.4%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.2%	0.0%
70%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.3%	-0.1%	0.3%	0.1%
80%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%
90%	0.0%	-0.1%	0.0%	-0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%

Table 5A-D1.4.5-F. American River at Watt Avenue, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-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	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.4%	0.0%
Below Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.3%	0.0%	0.1%	0.0%
Dry Water Years	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.1%	0.1%	-0.1%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.5%	0.0%	-0.2%	-0.1%	0.2%

Figure 5A-D1.4.1. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

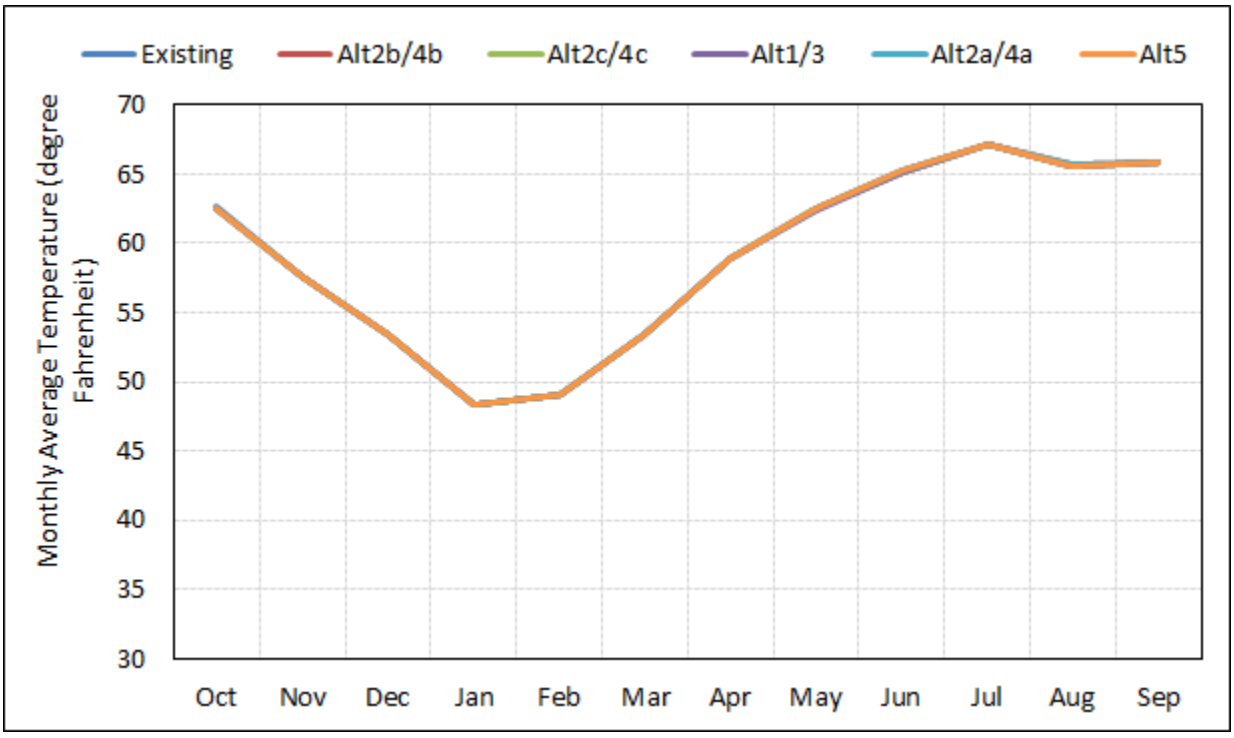


Figure 5A-D1.4.2. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

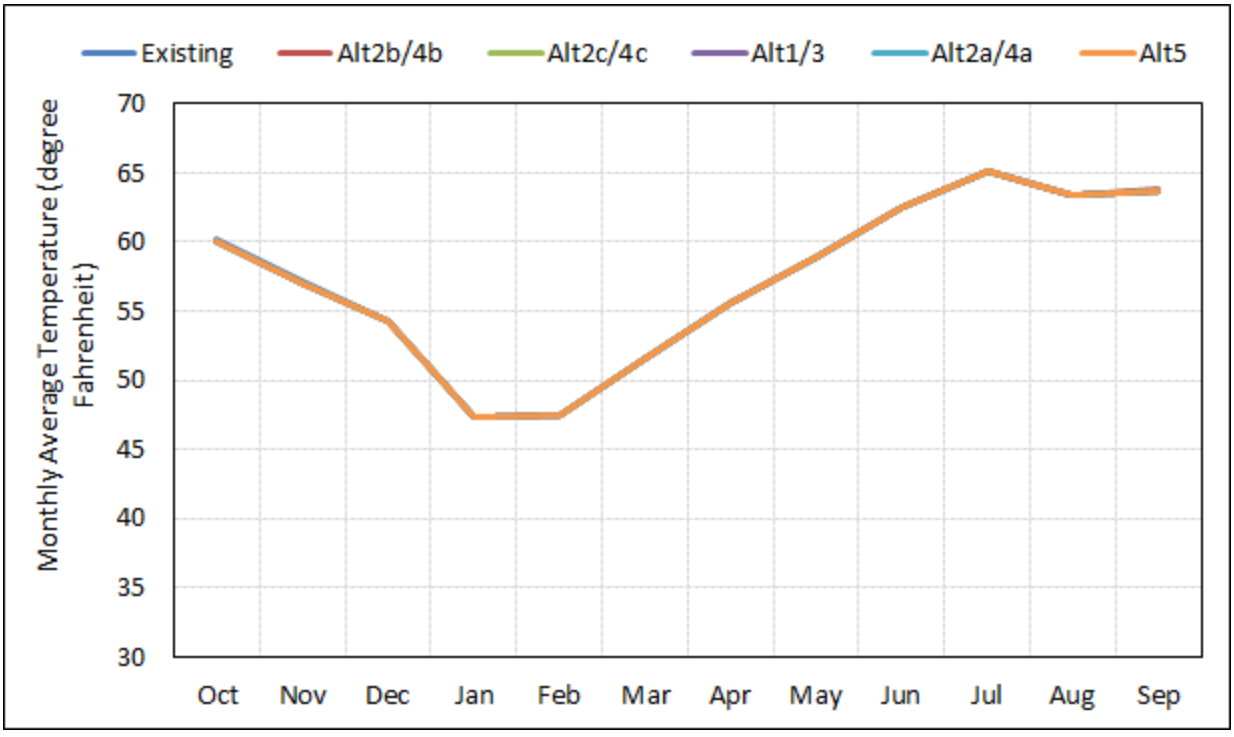


Figure 5A-D1.4.3. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

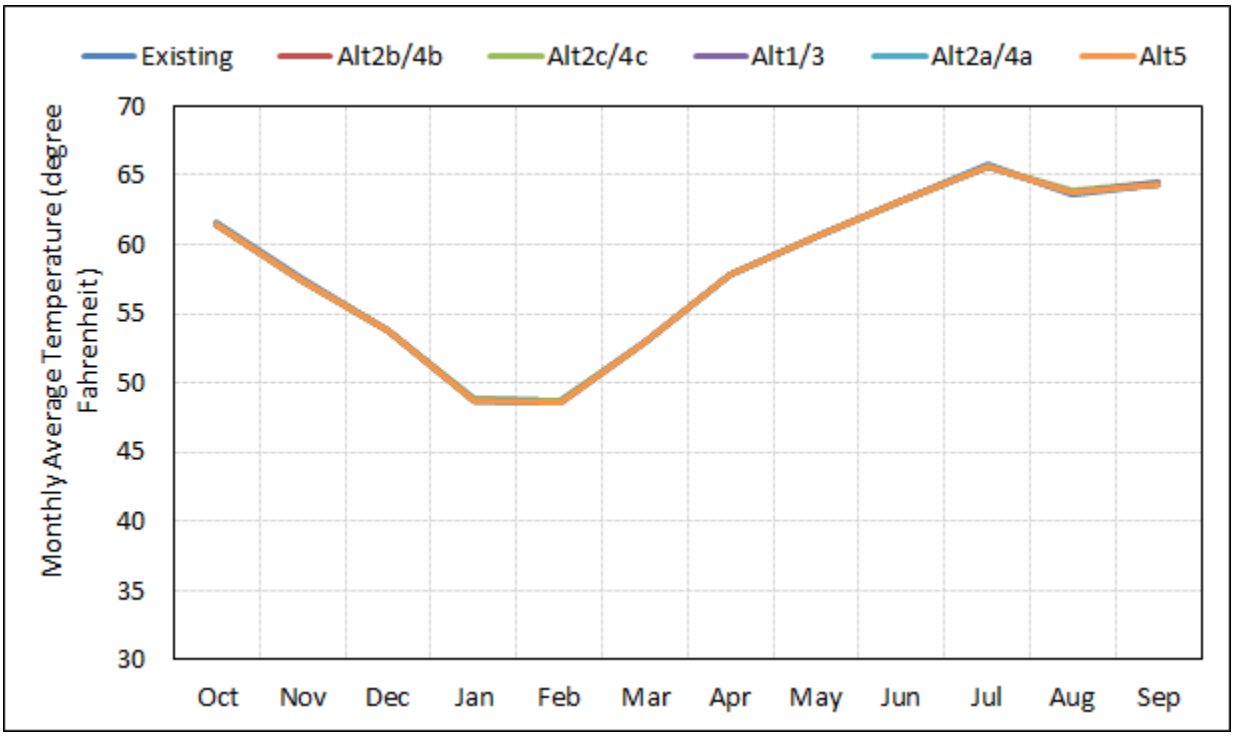


Figure 5A-D1.4.4. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

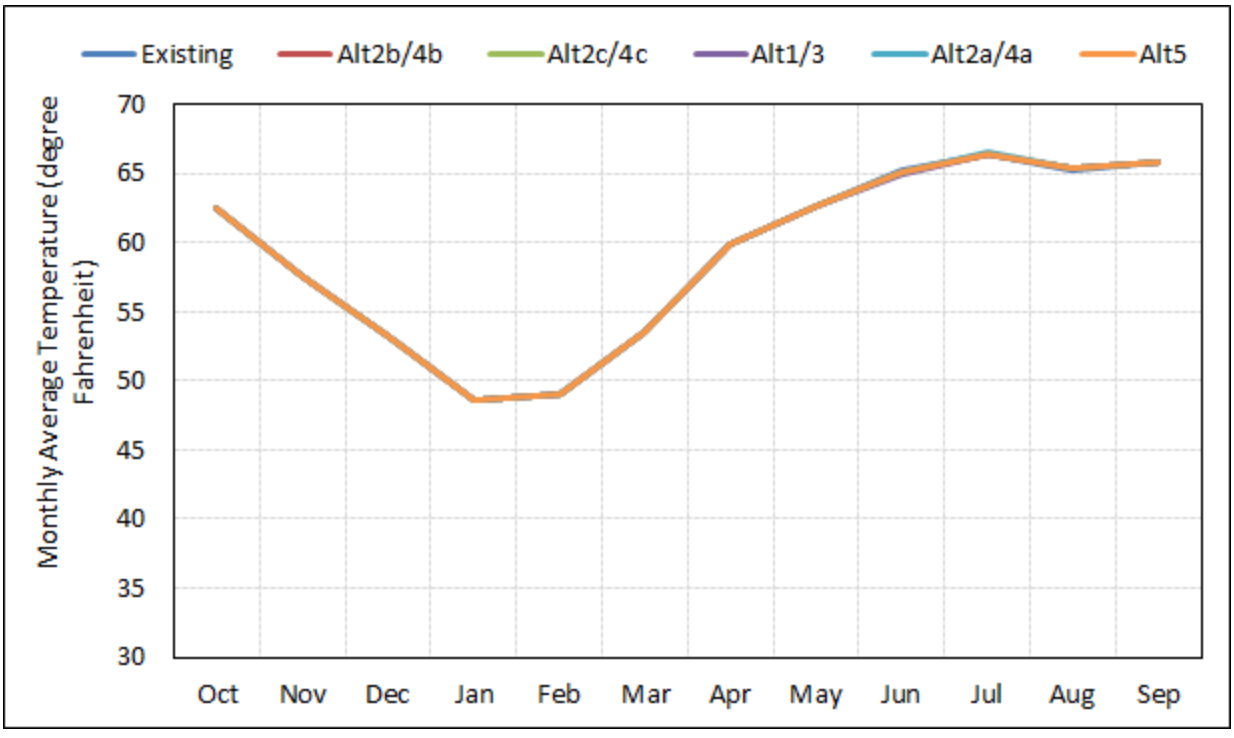


Figure 5A-D1.4.5. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

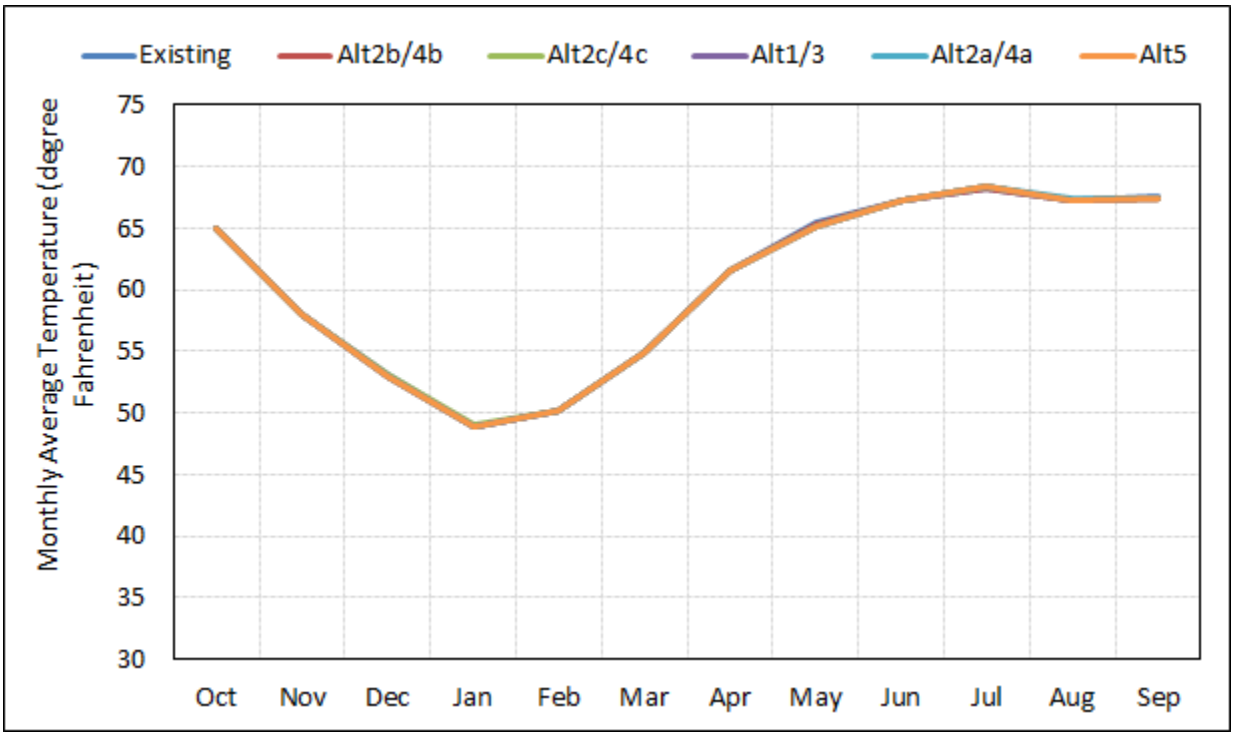


Figure 5A-D1.4.6. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

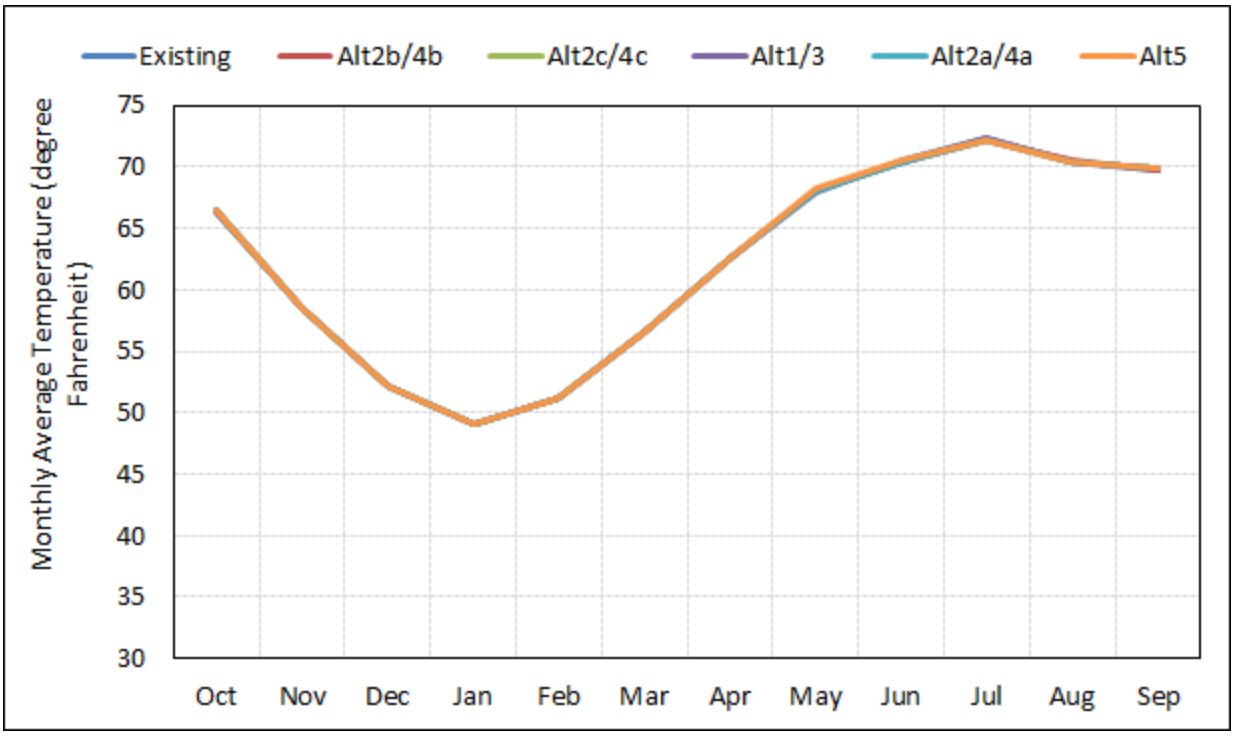


Figure 5A-D1.4.7. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

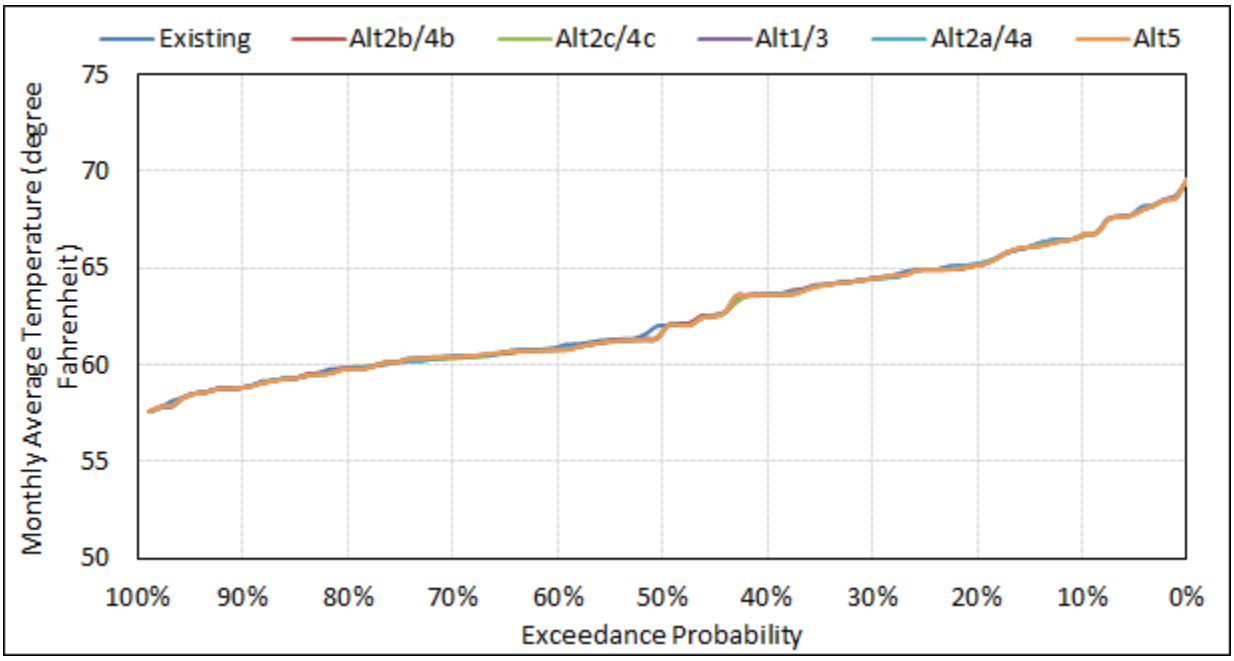


Figure 5A-D1.4.8. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

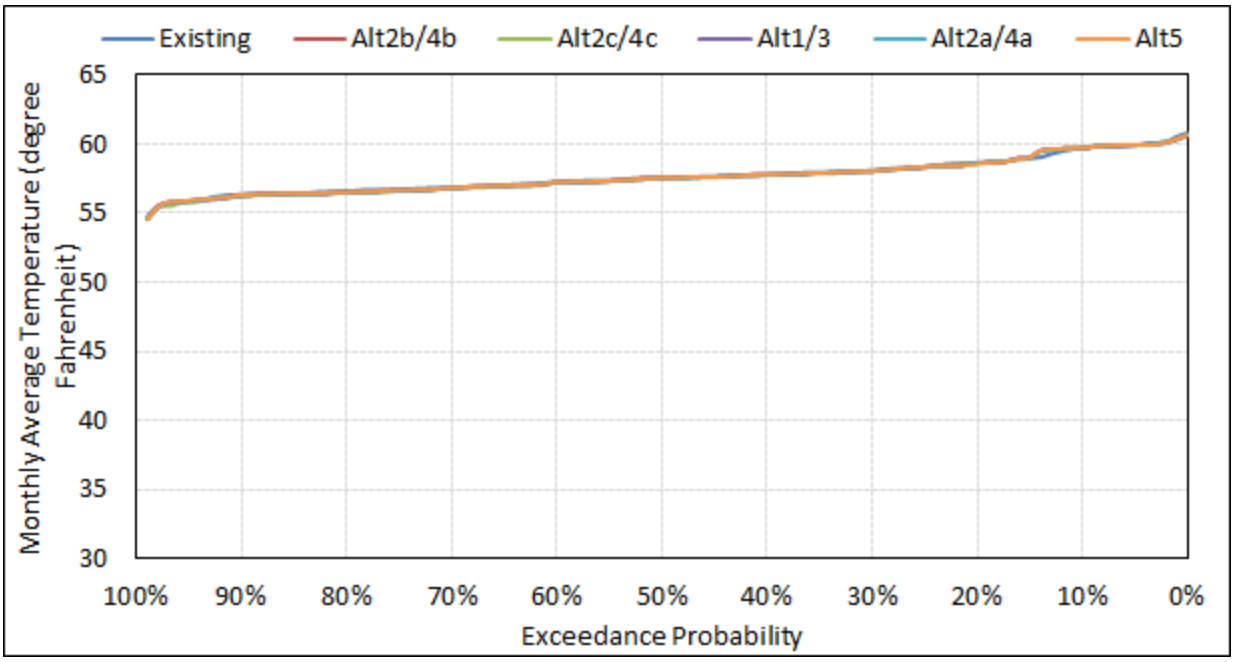


Figure 5A-D1.4.9. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

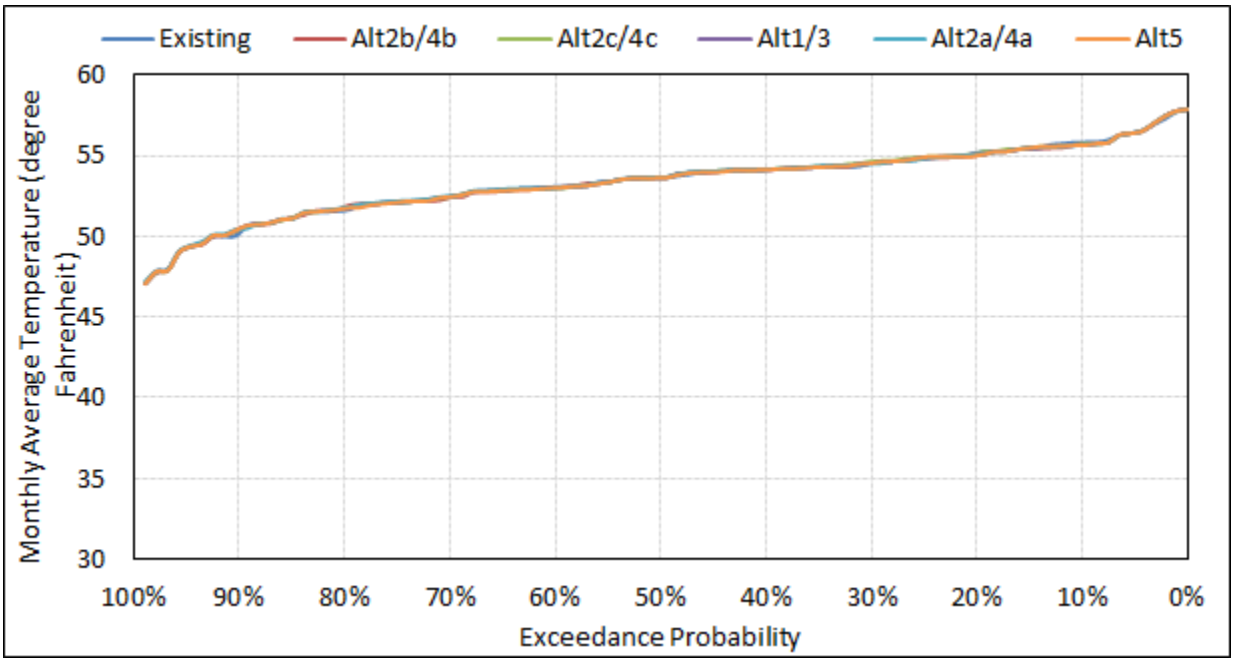


Figure 5A-D1.4.10. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

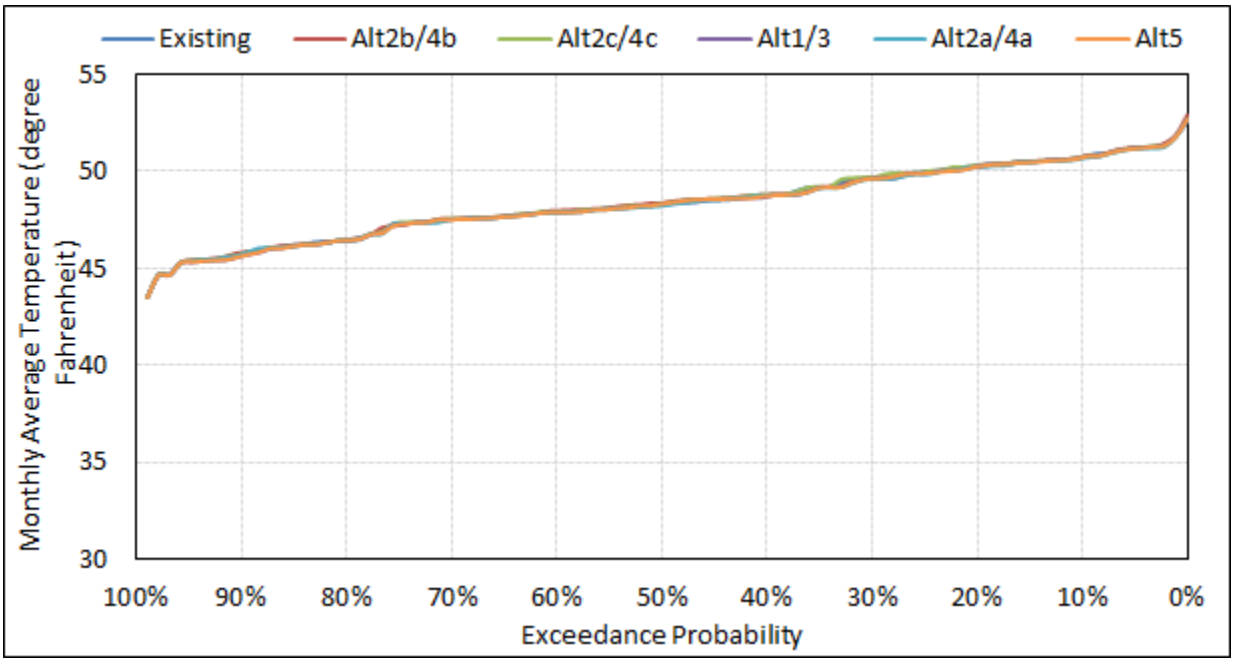


Figure 5A-D1.4.11. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

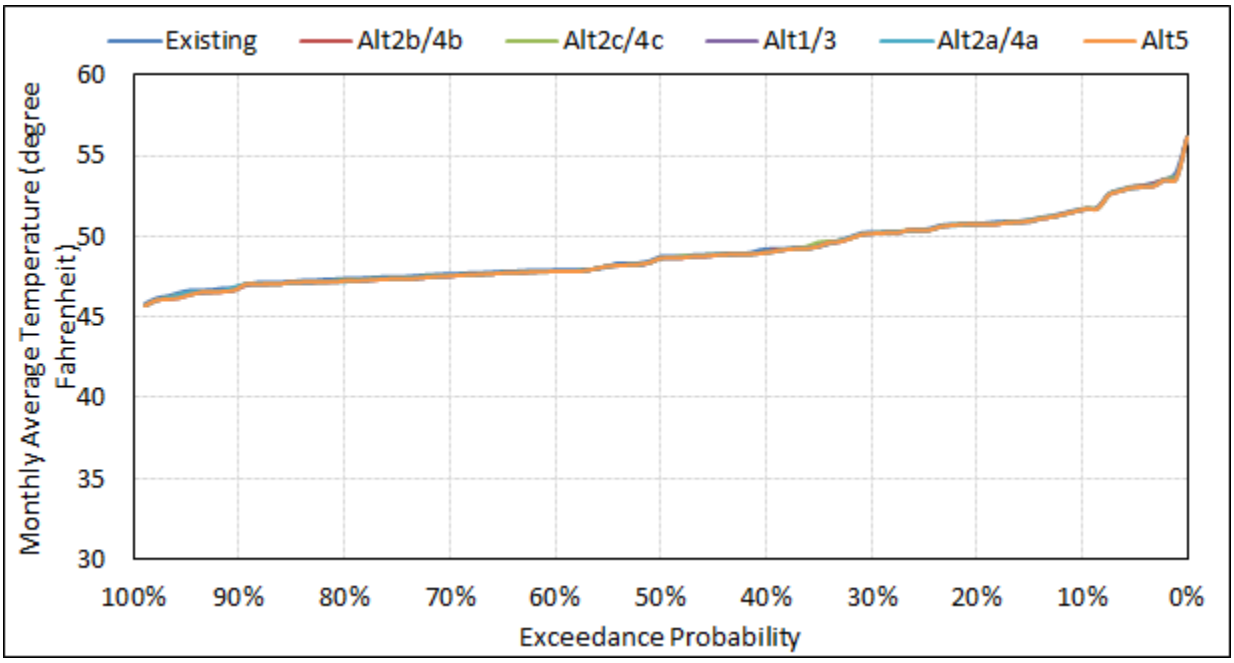


Figure 5A-D1.4.12. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

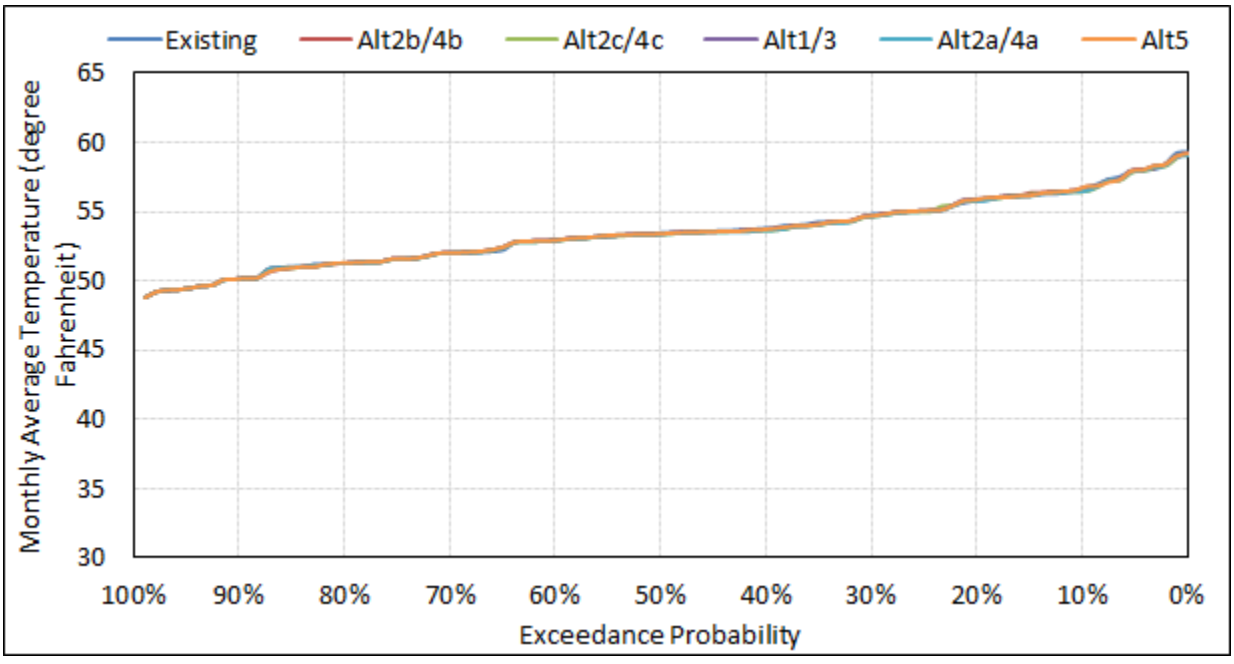


Figure 5A-D1.4.13. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

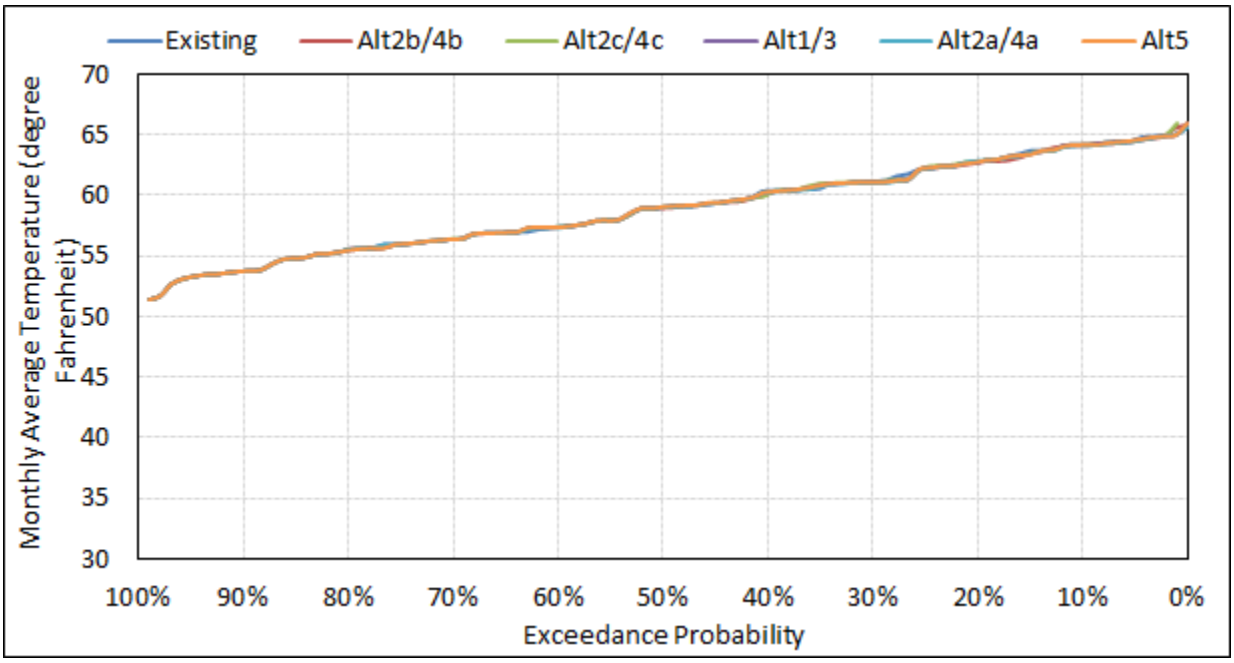


Figure 5A-D1.4.14. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

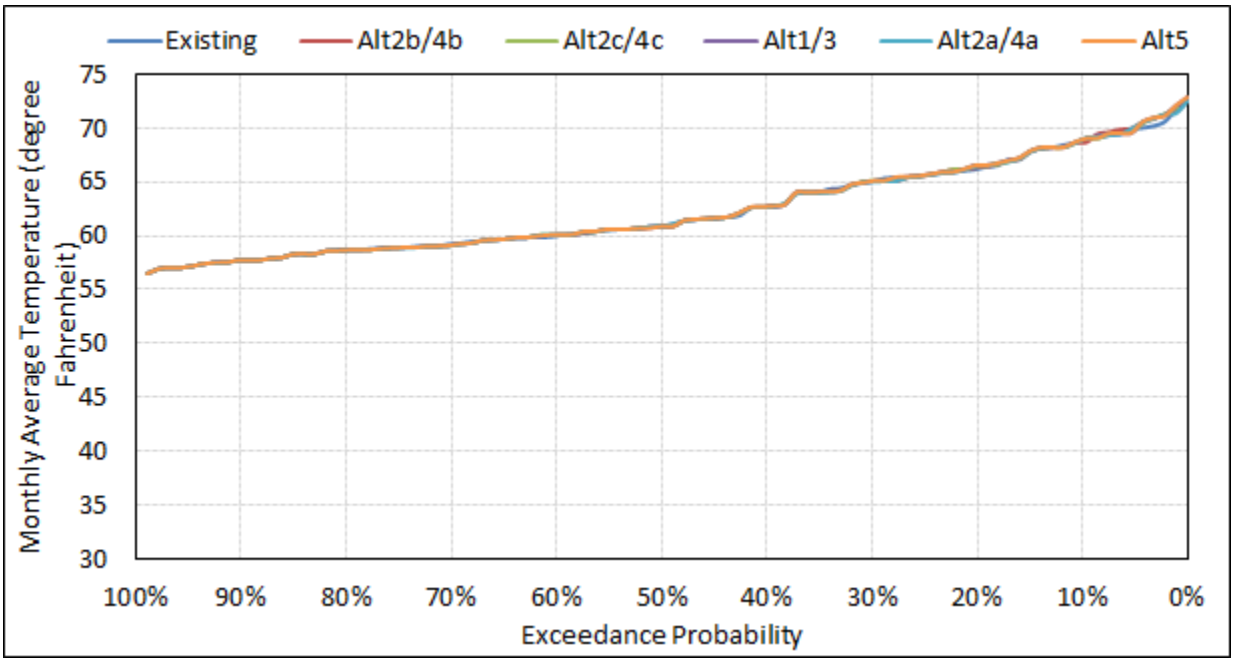


Figure 5A-D1.4.15. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

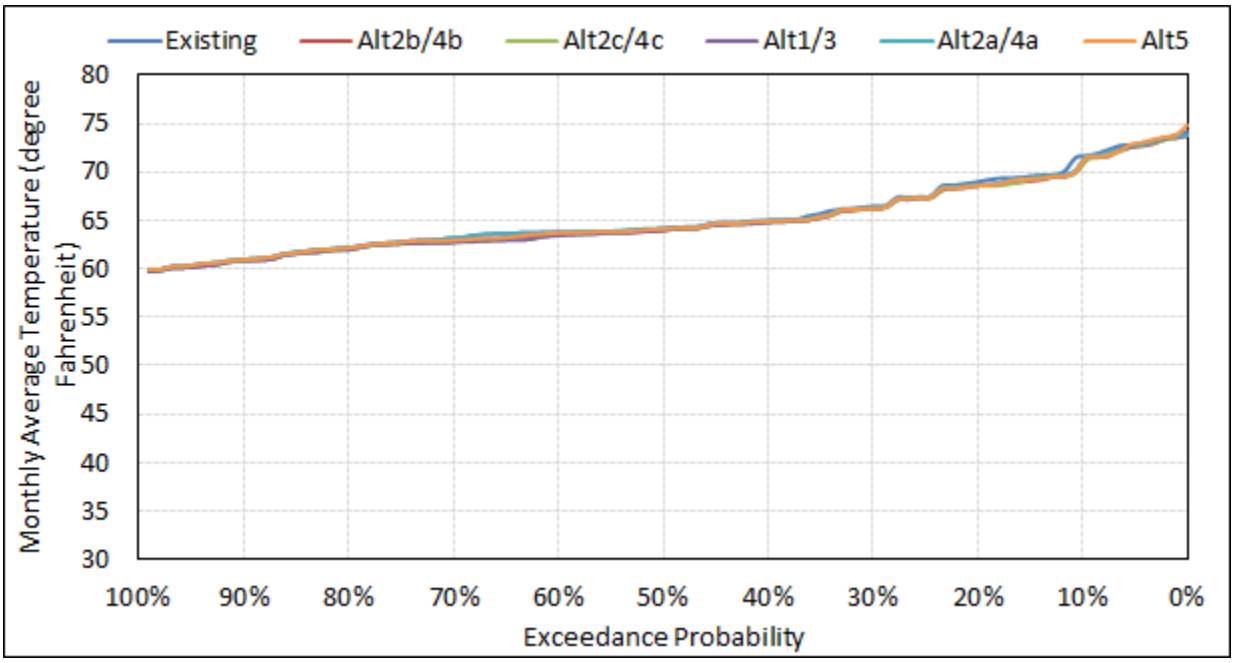


Figure 5A-D1.4.16. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

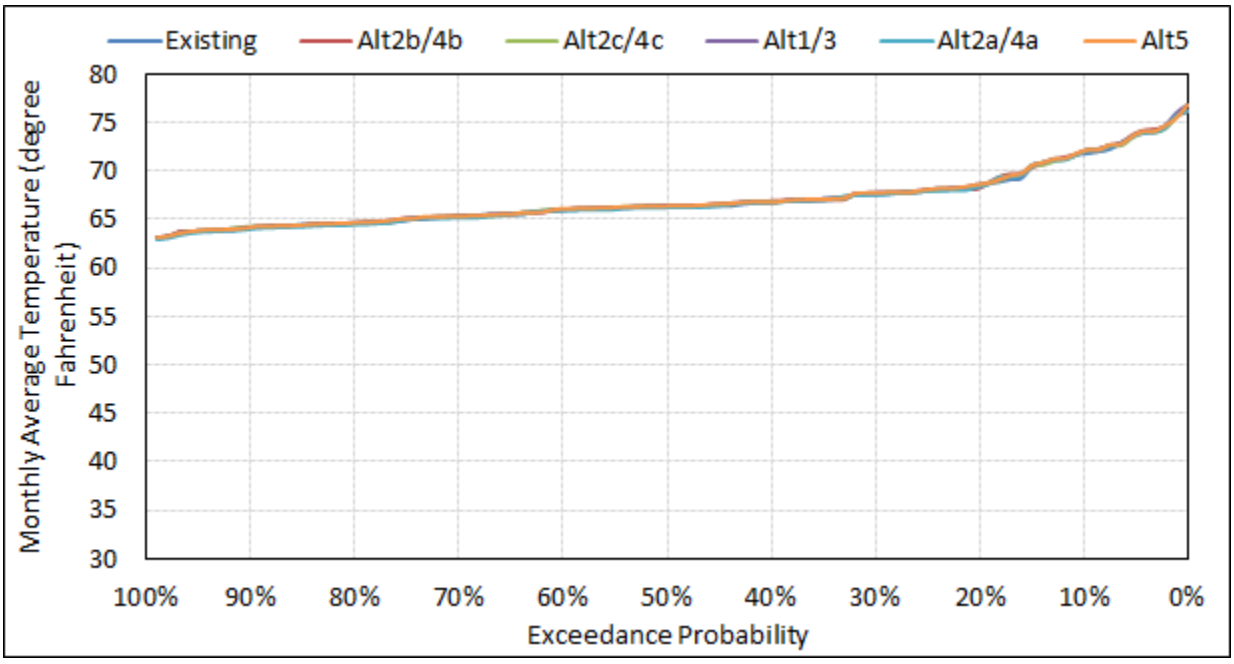


Figure 5A-D1.4.17. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

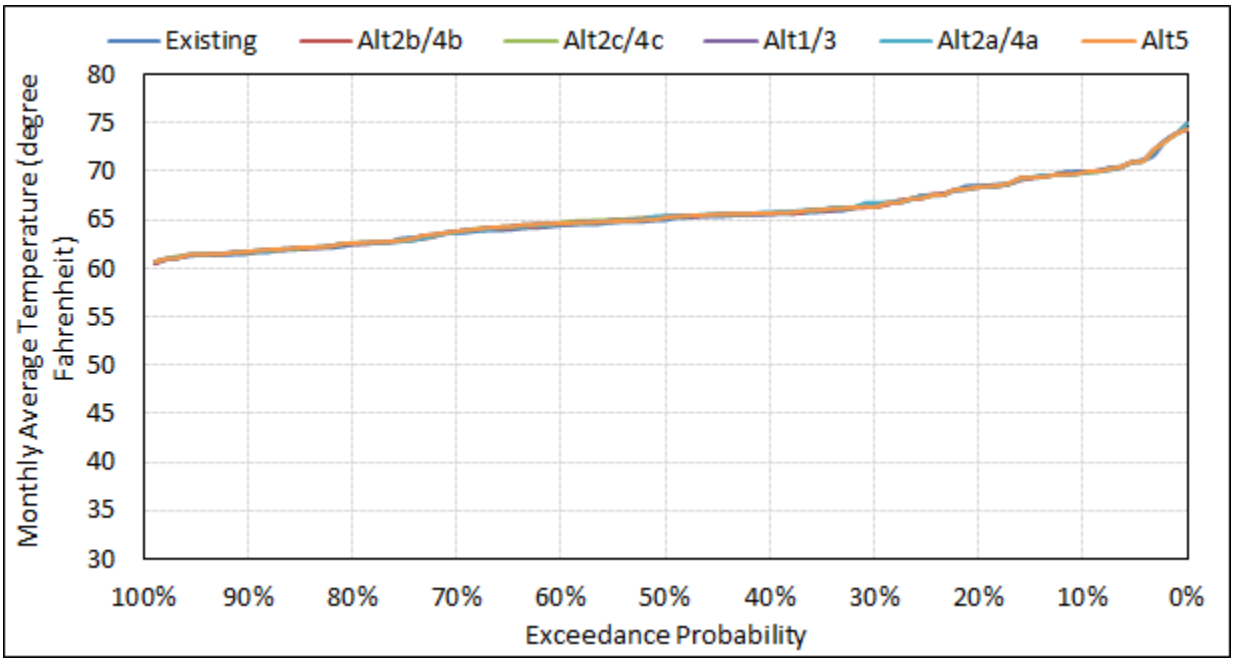


Figure 5A-D1.4.18. American River at Watt Avenue, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

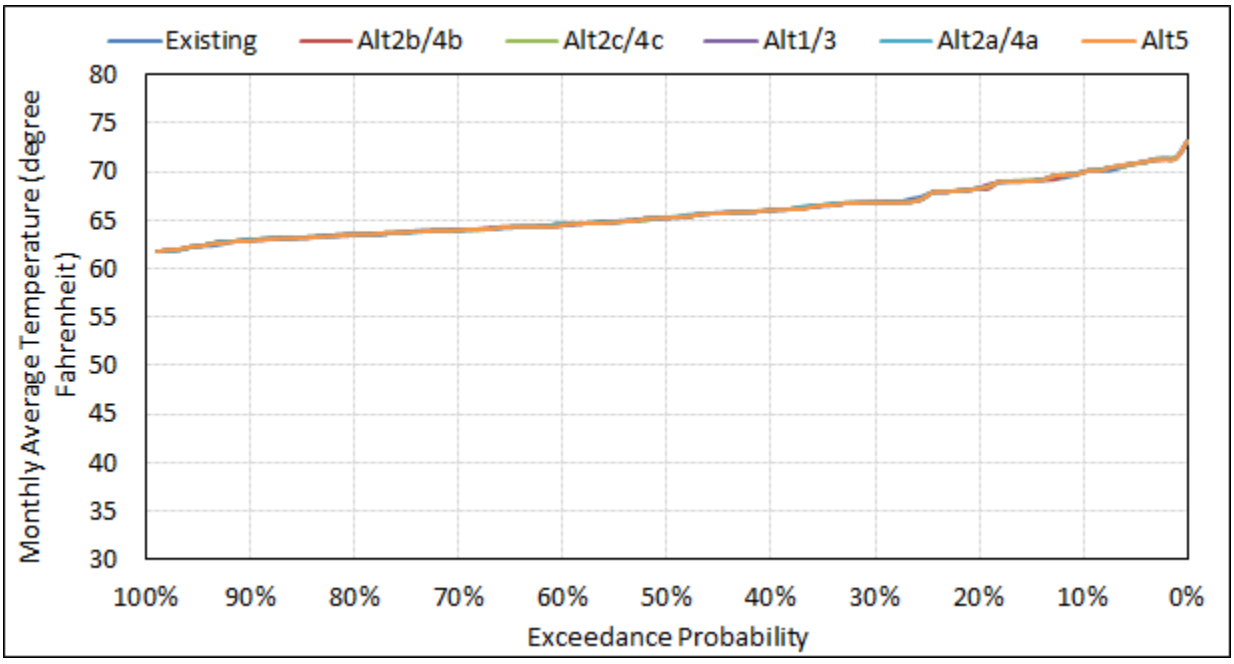
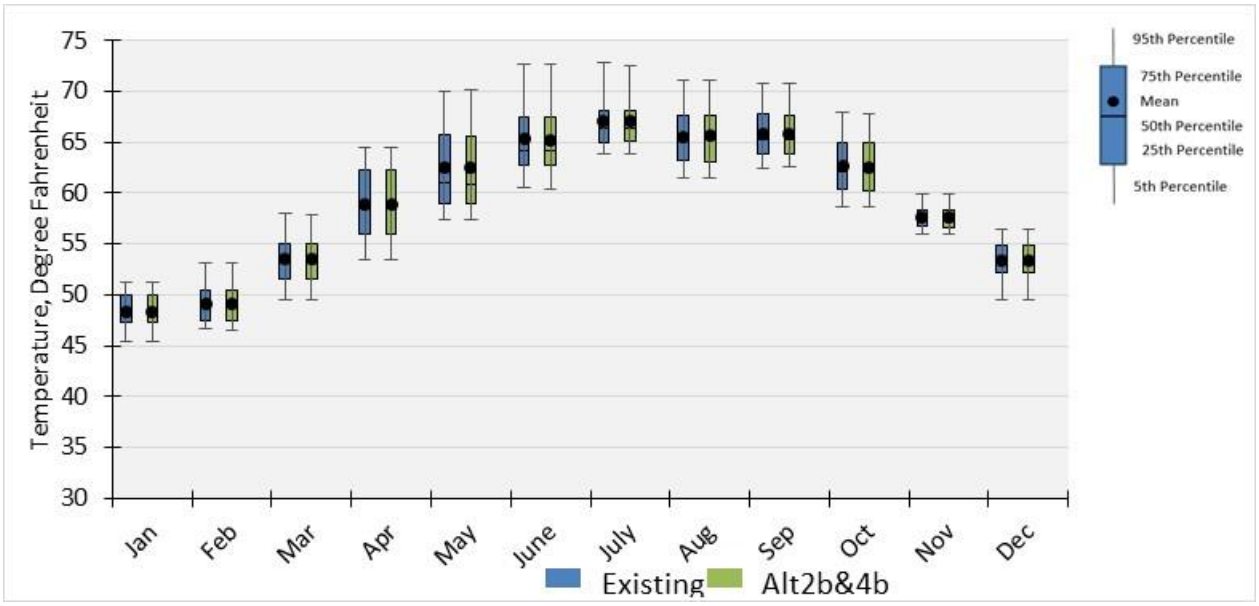


Figure 5A-D1.4.19. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



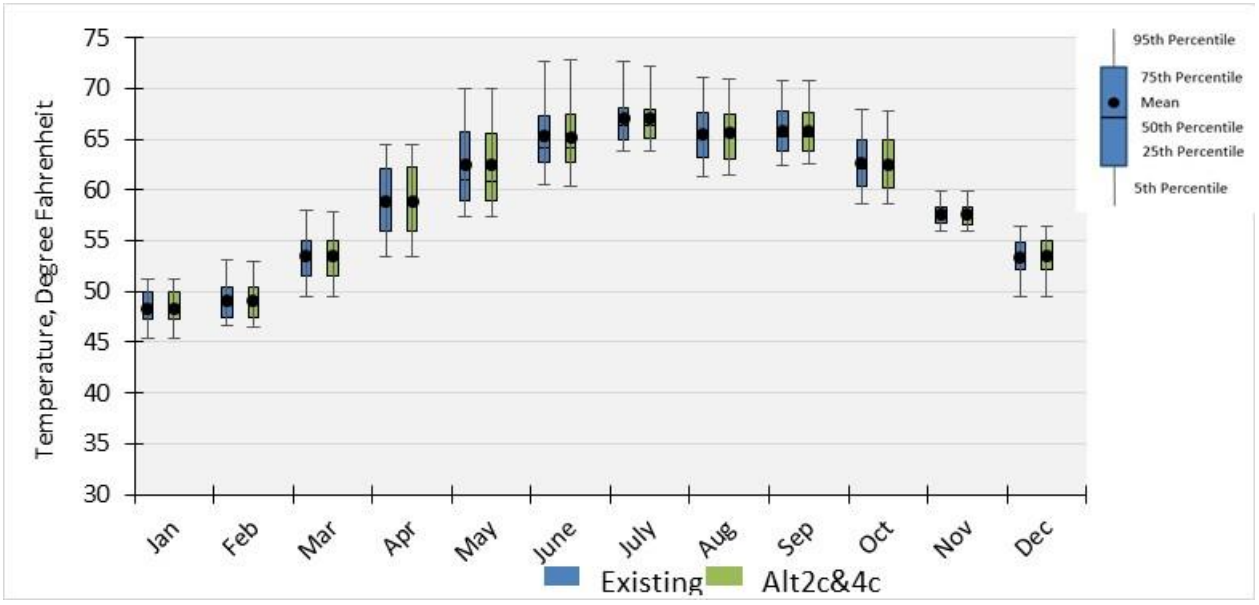
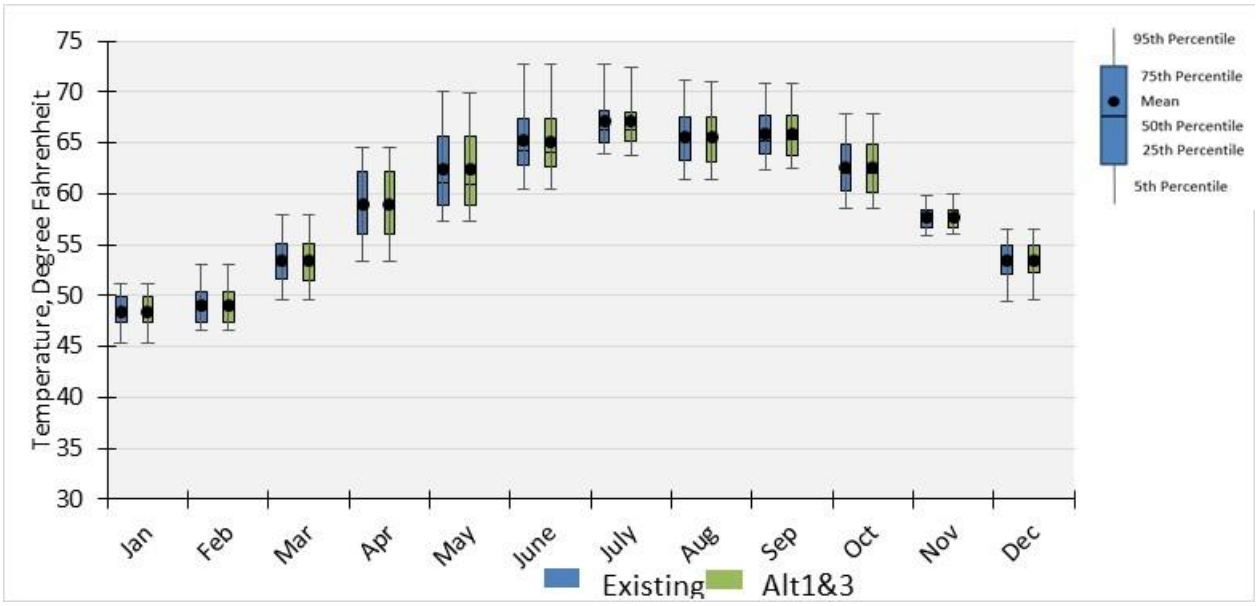


Figure 5A-D1.4.20. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



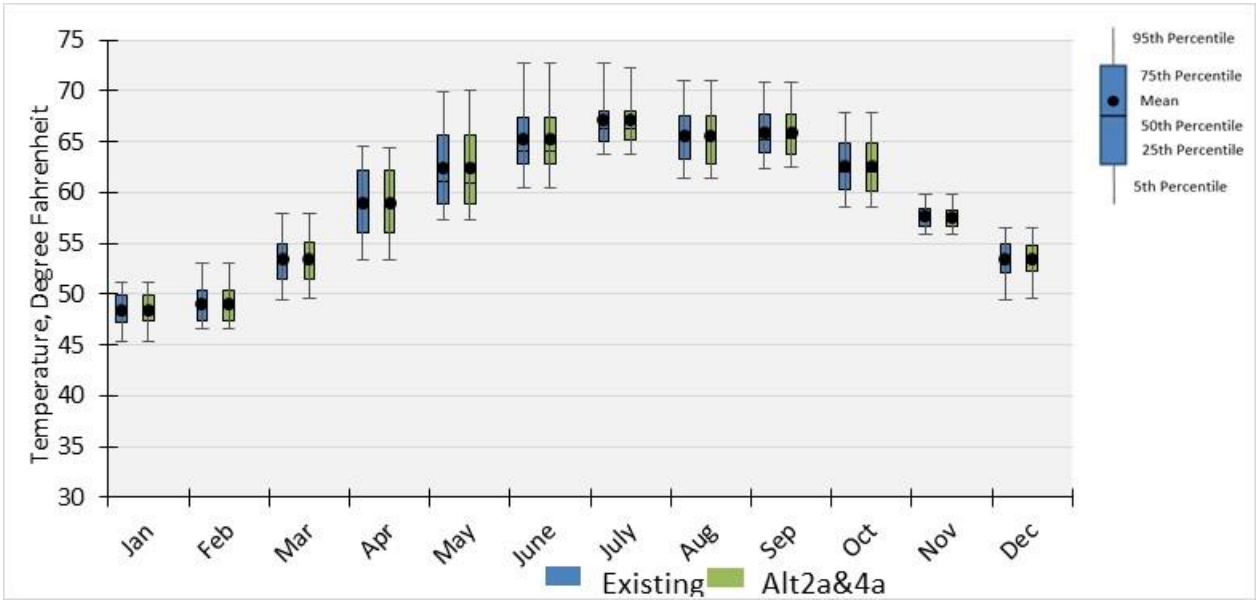


Figure 5A-D1.4.21. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

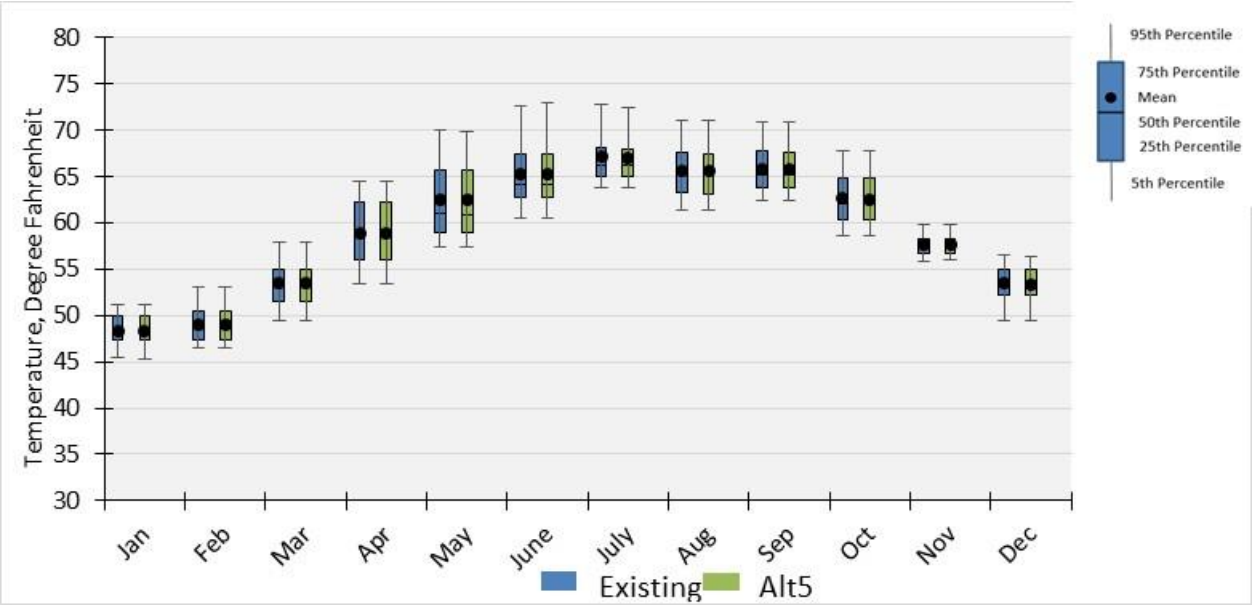
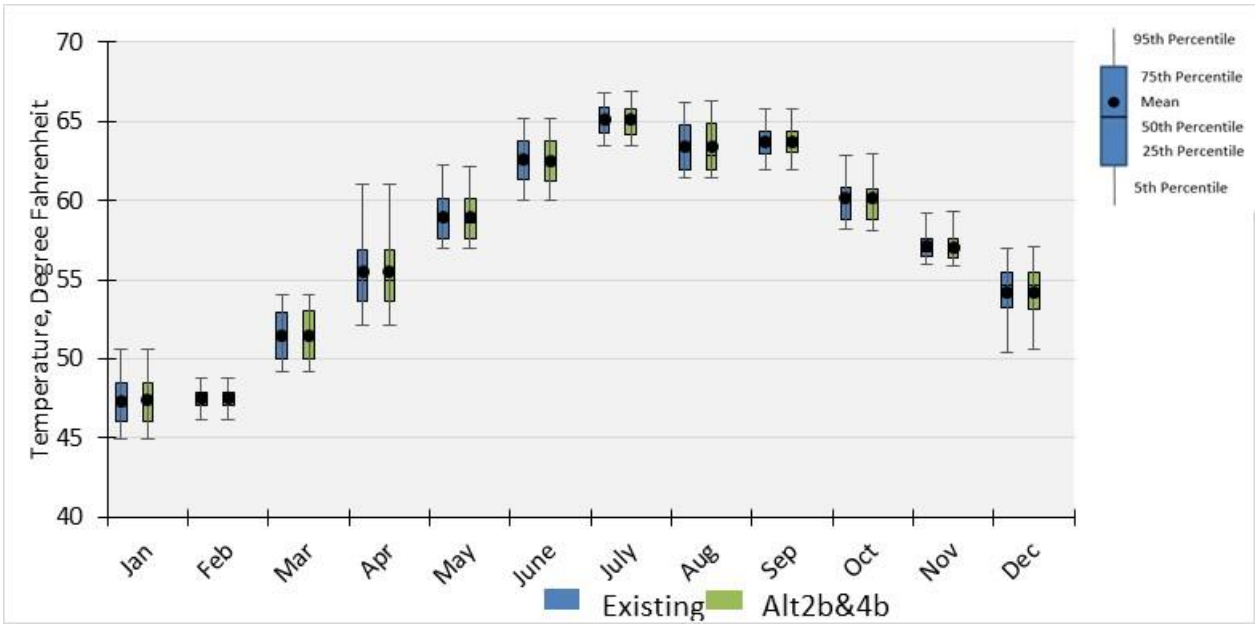


Figure 5A-D1.4.22. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



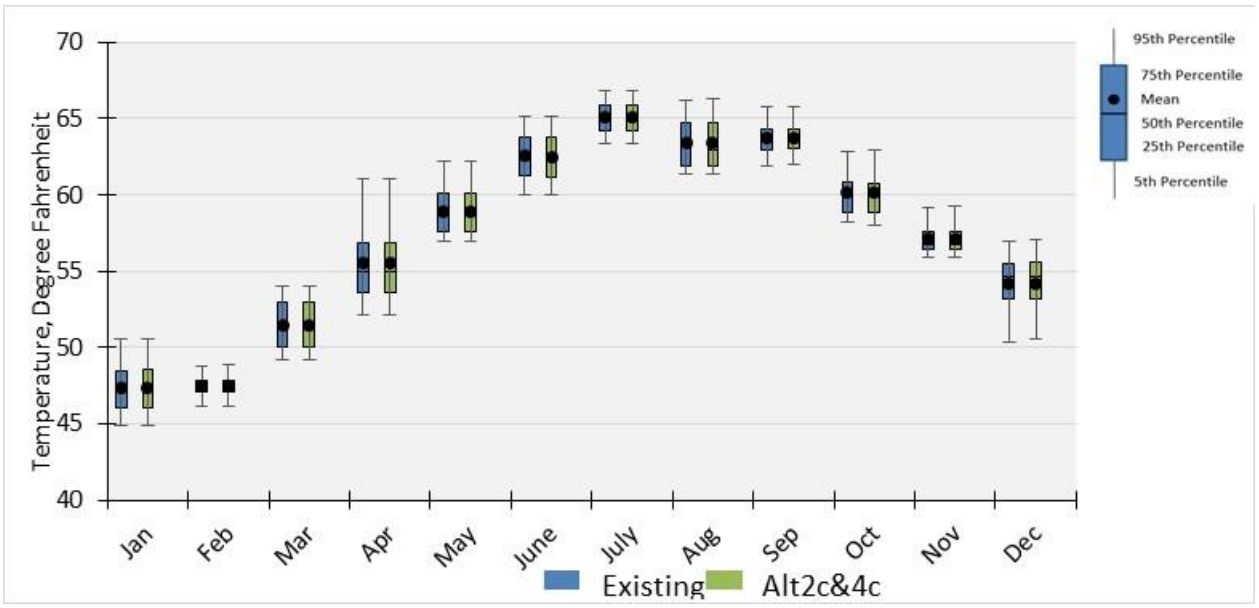
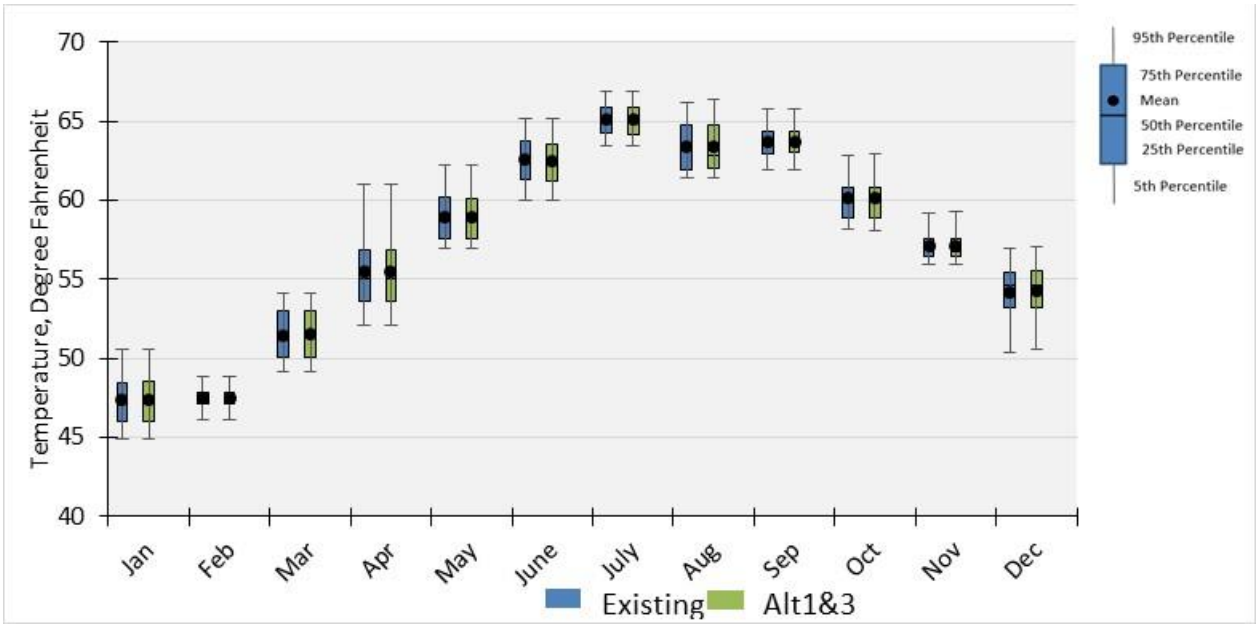


Figure 5A-D1.4.23. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



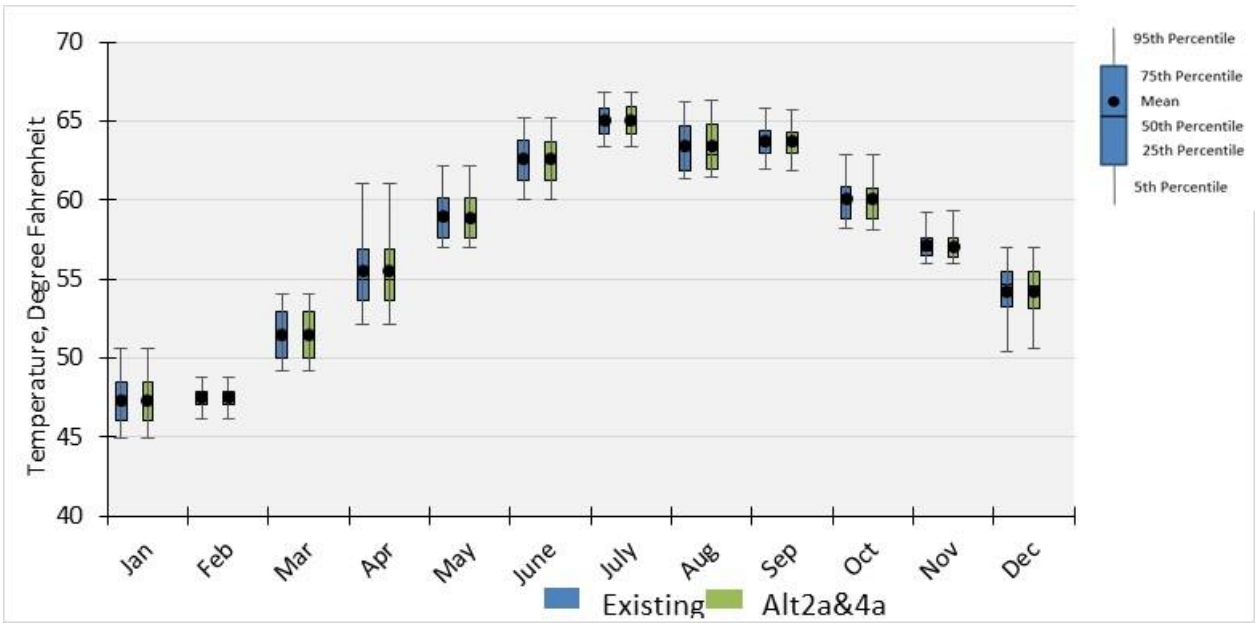


Figure 5A-D1.4.24. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

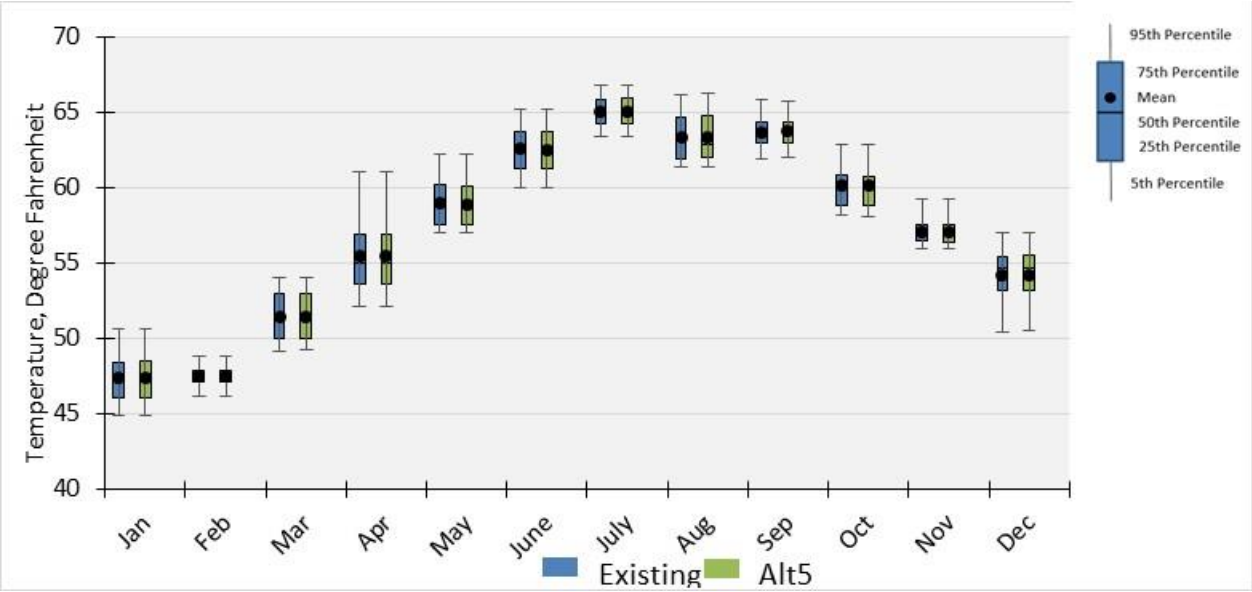
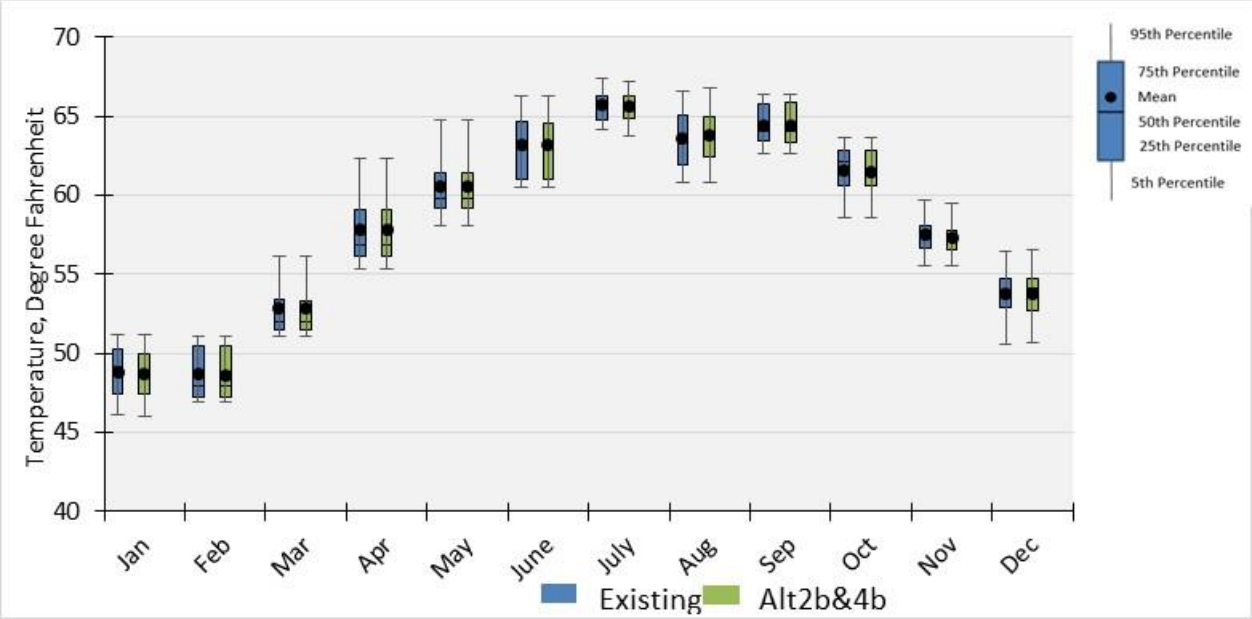


Figure 5A-D1.4.25. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



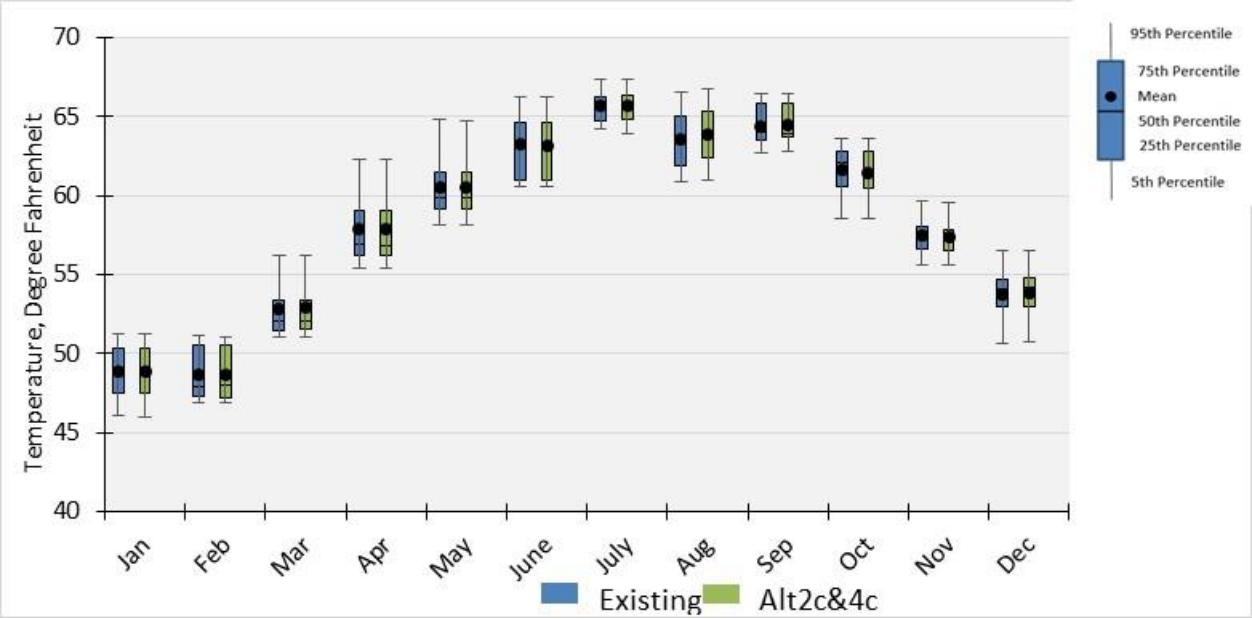
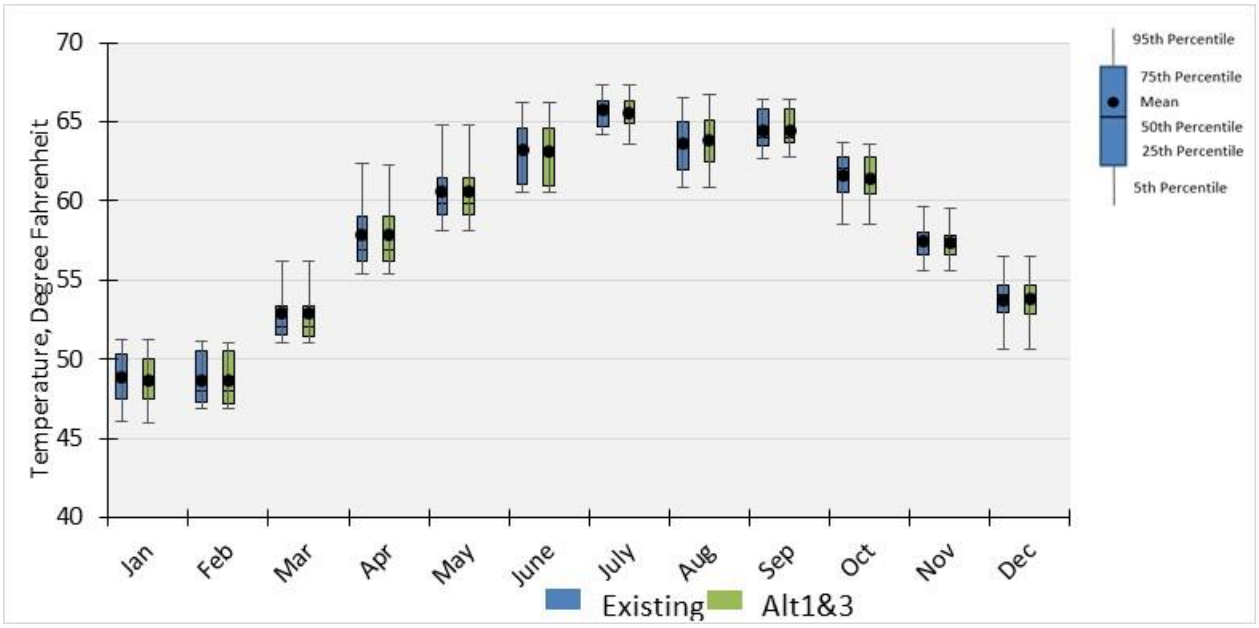


Figure 5A-D1.4.26. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



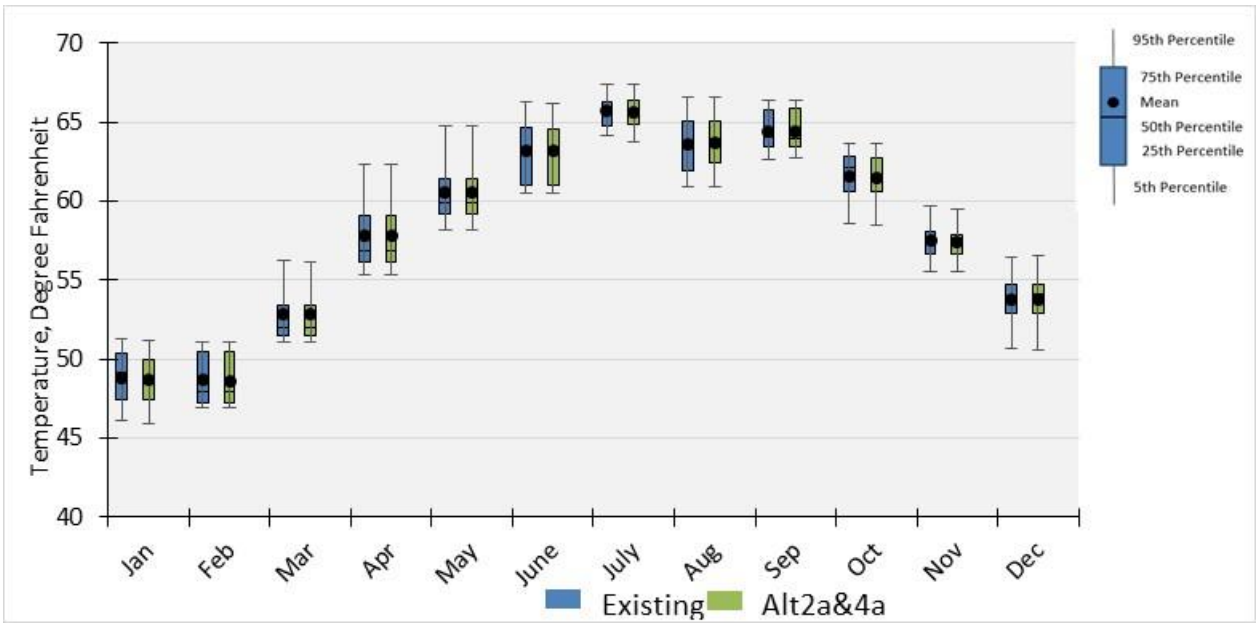


Figure 5A-D1.4.27. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

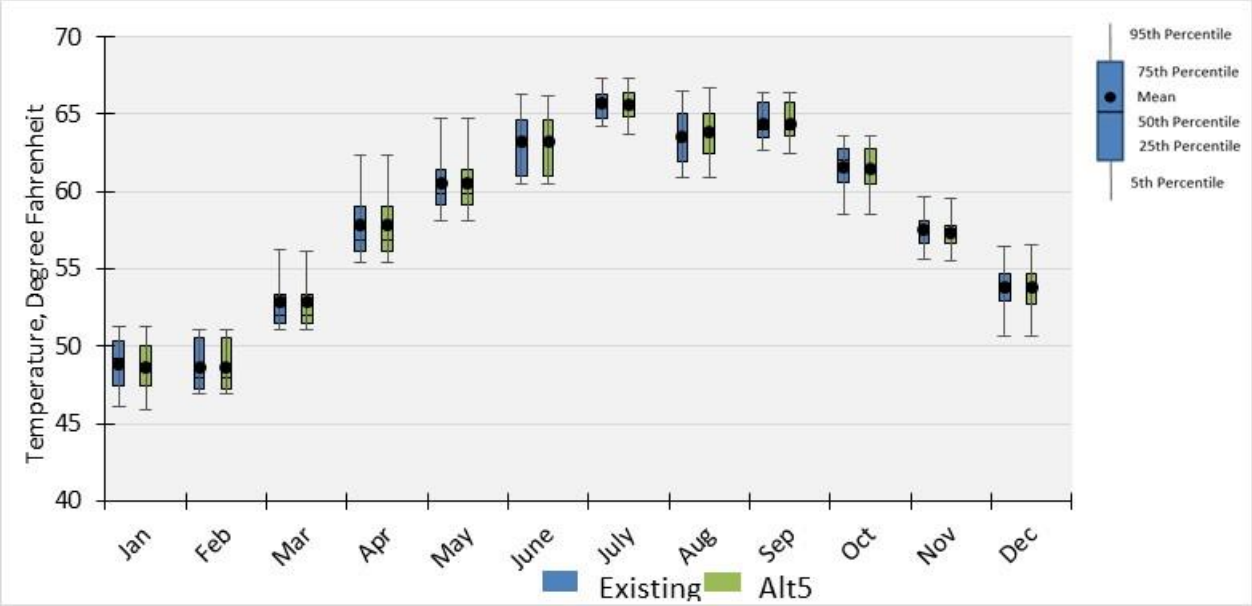
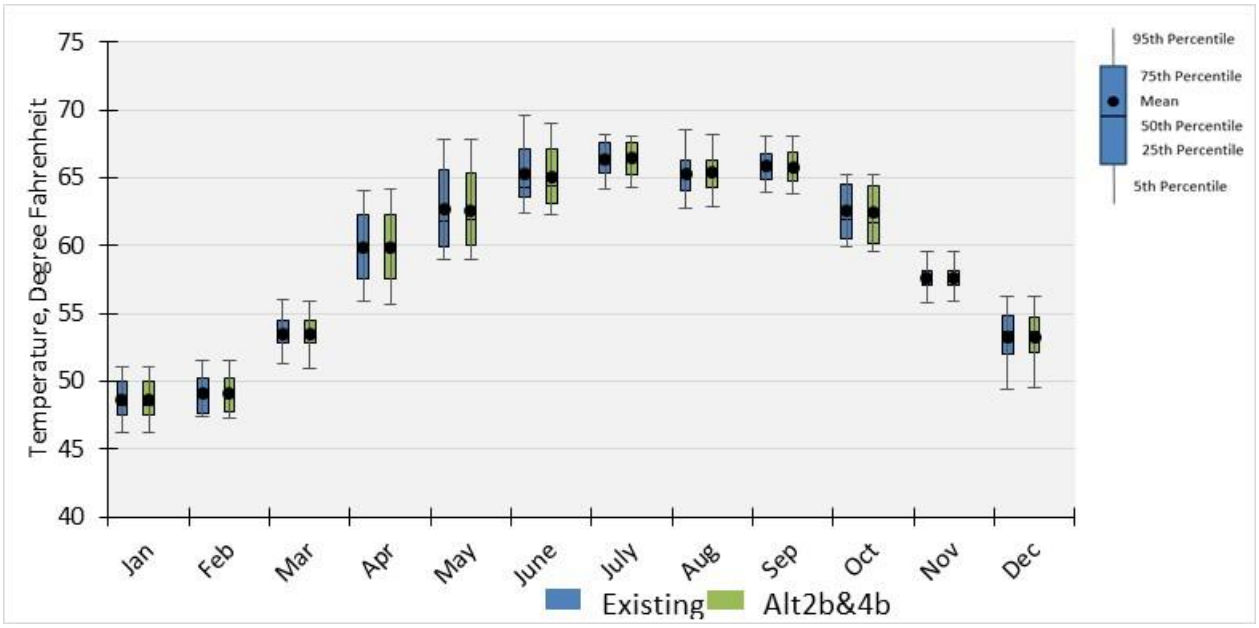


Figure 5A-D1.4.28. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



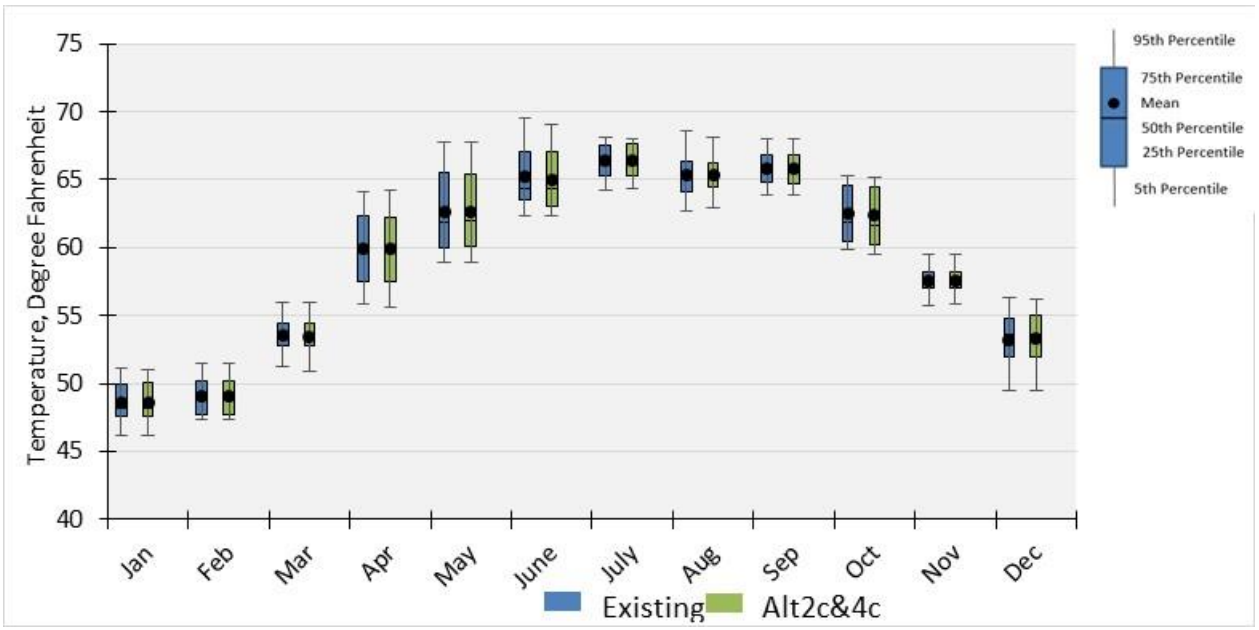
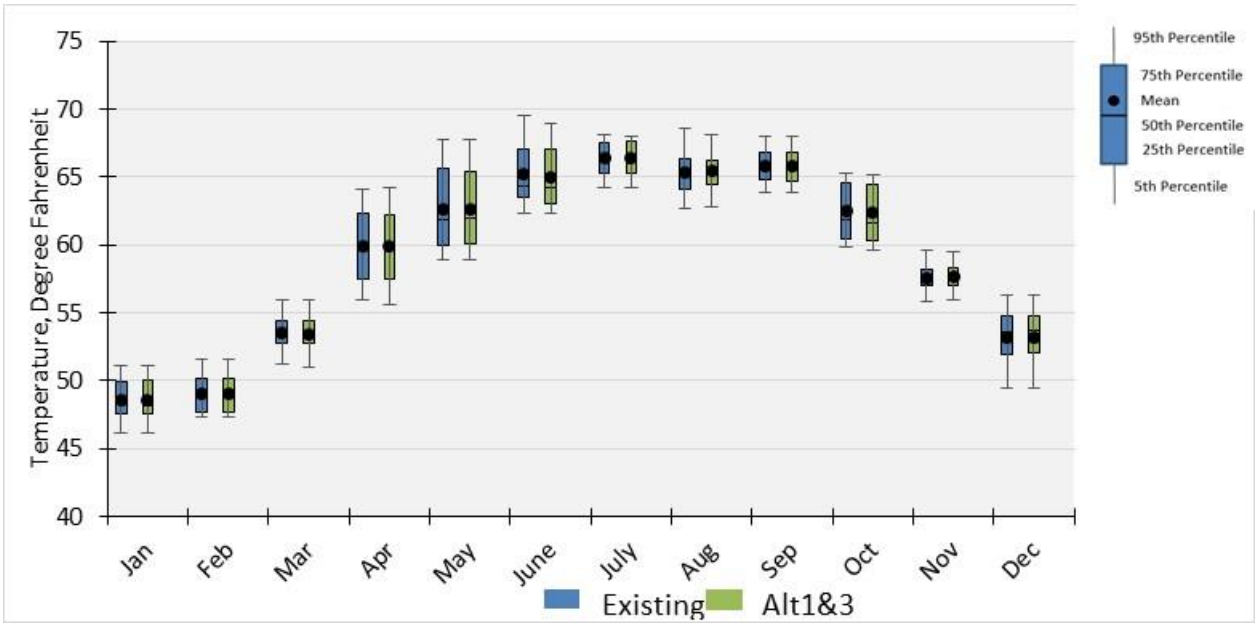


Figure 5A-D1.4.29. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



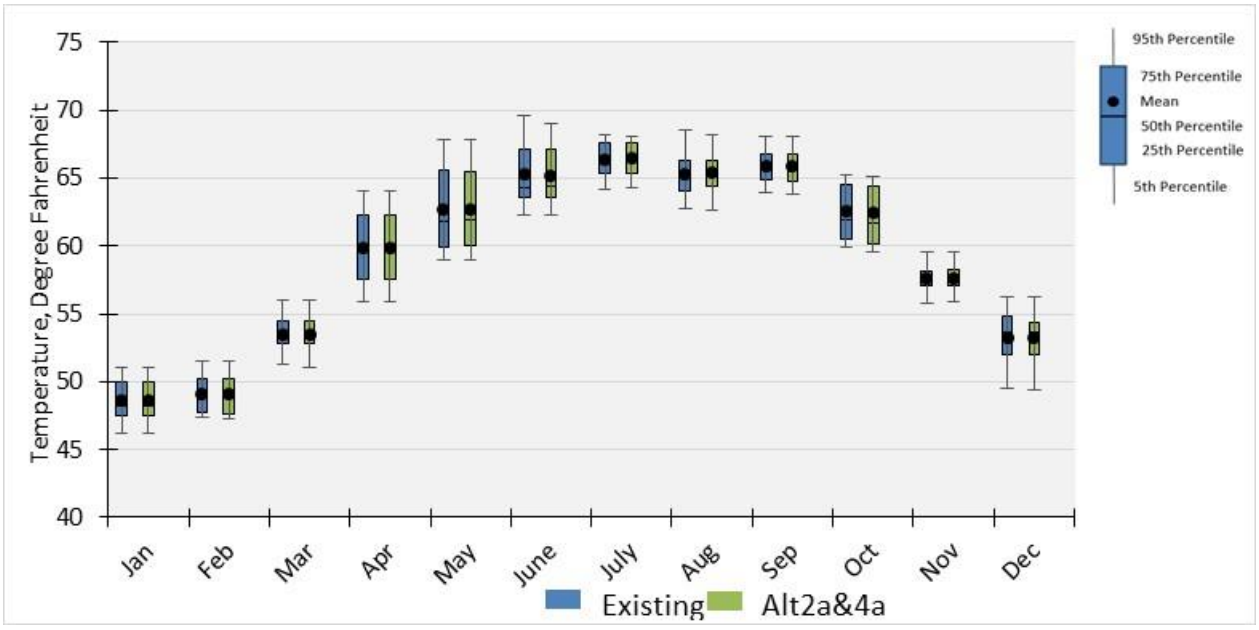


Figure 5A-D1.4.30. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

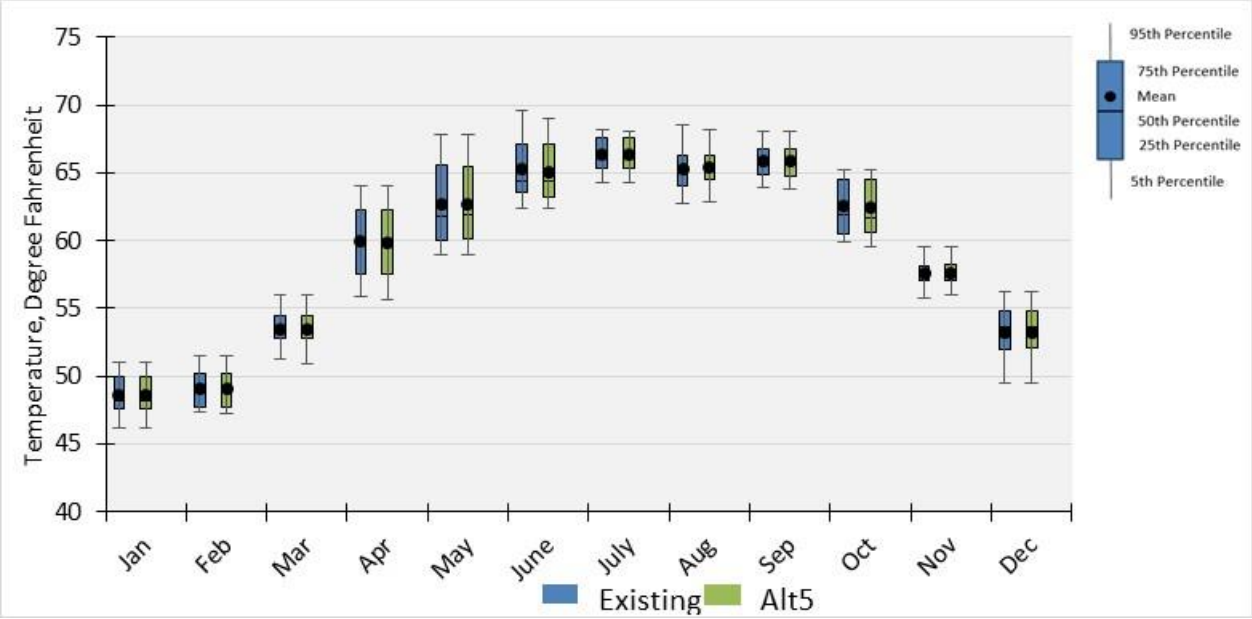
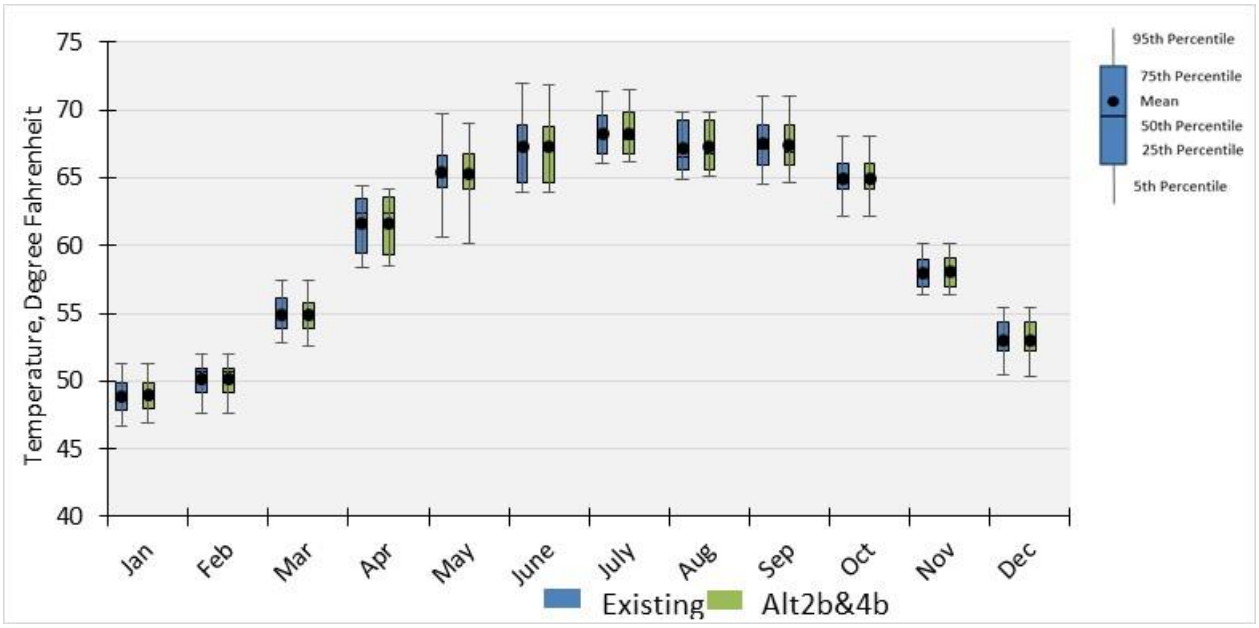


Figure 5A-D1.4.31. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



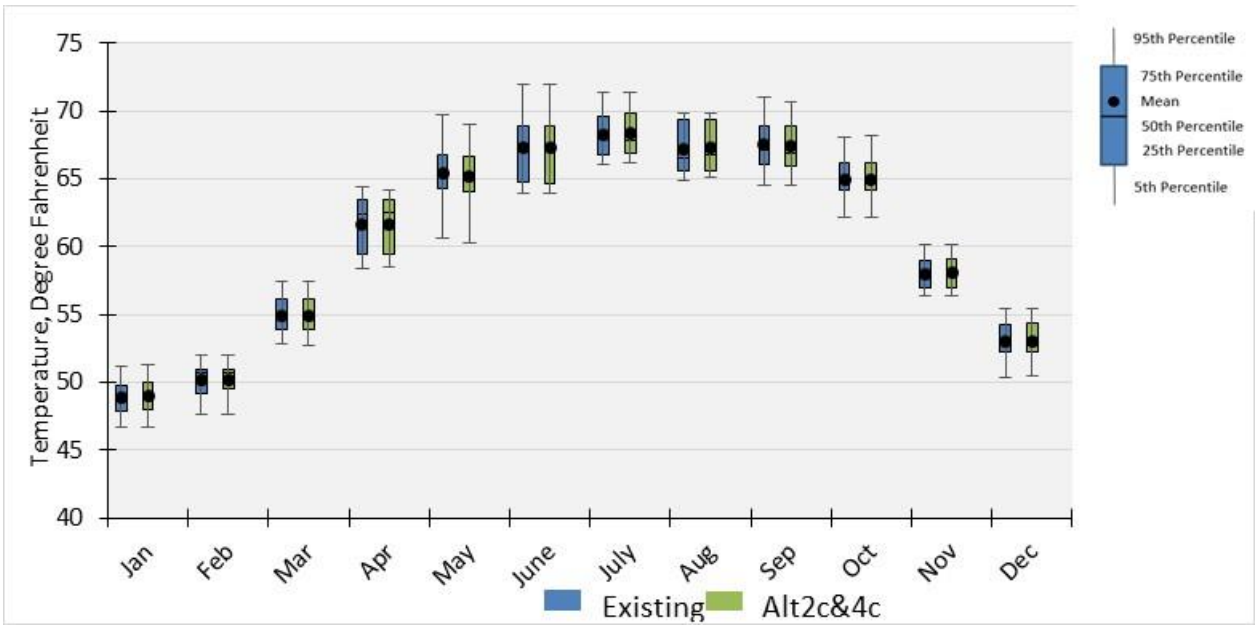
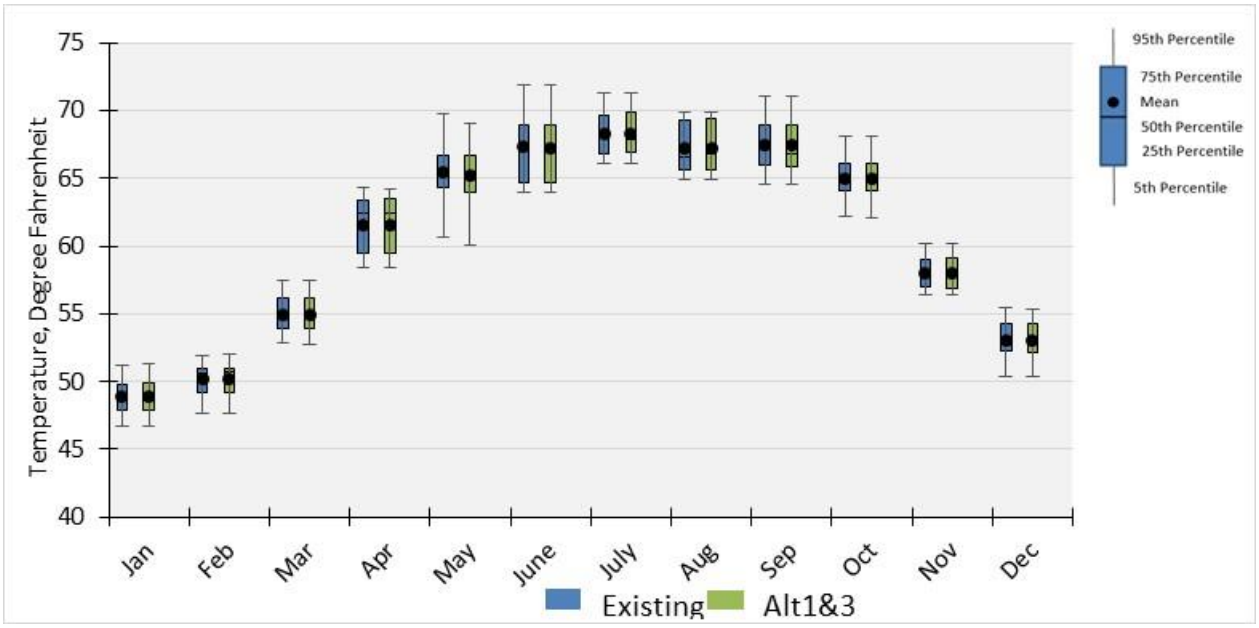


Figure 5A-D1.4.32. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



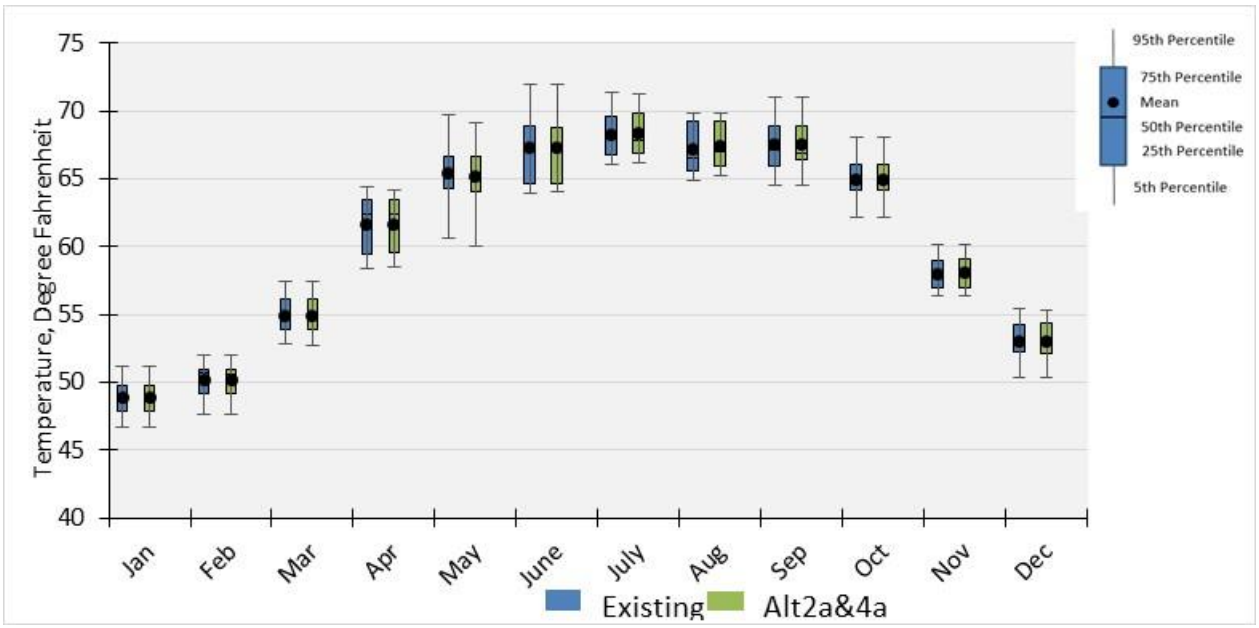


Figure 5A-D1.4.33. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

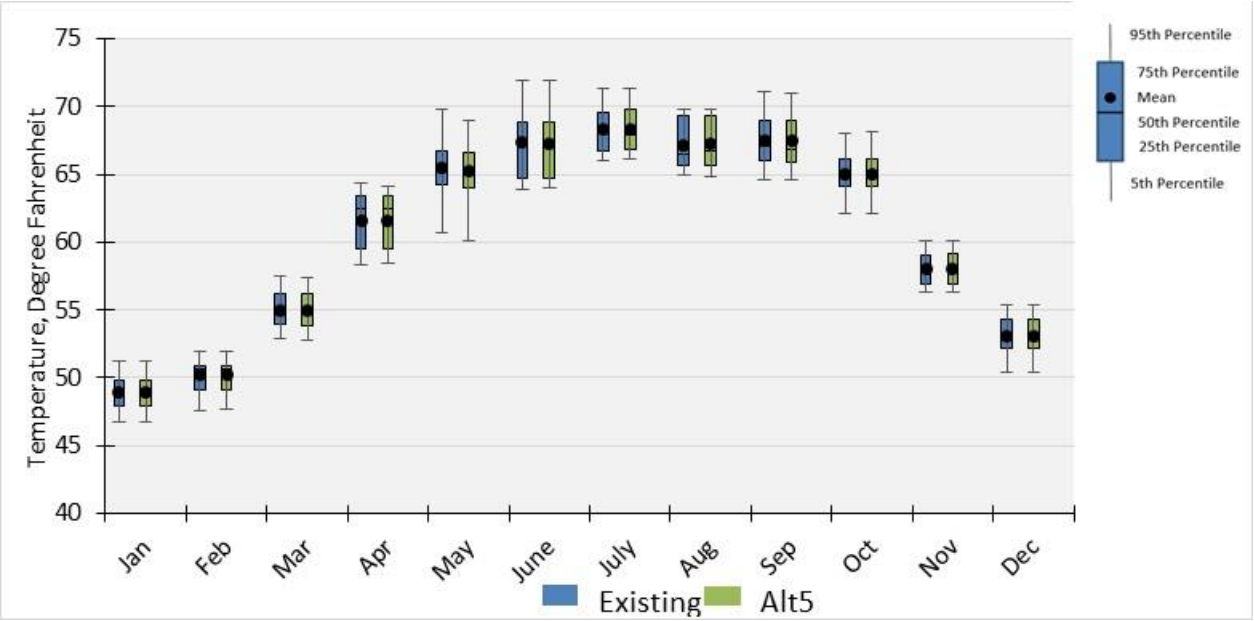
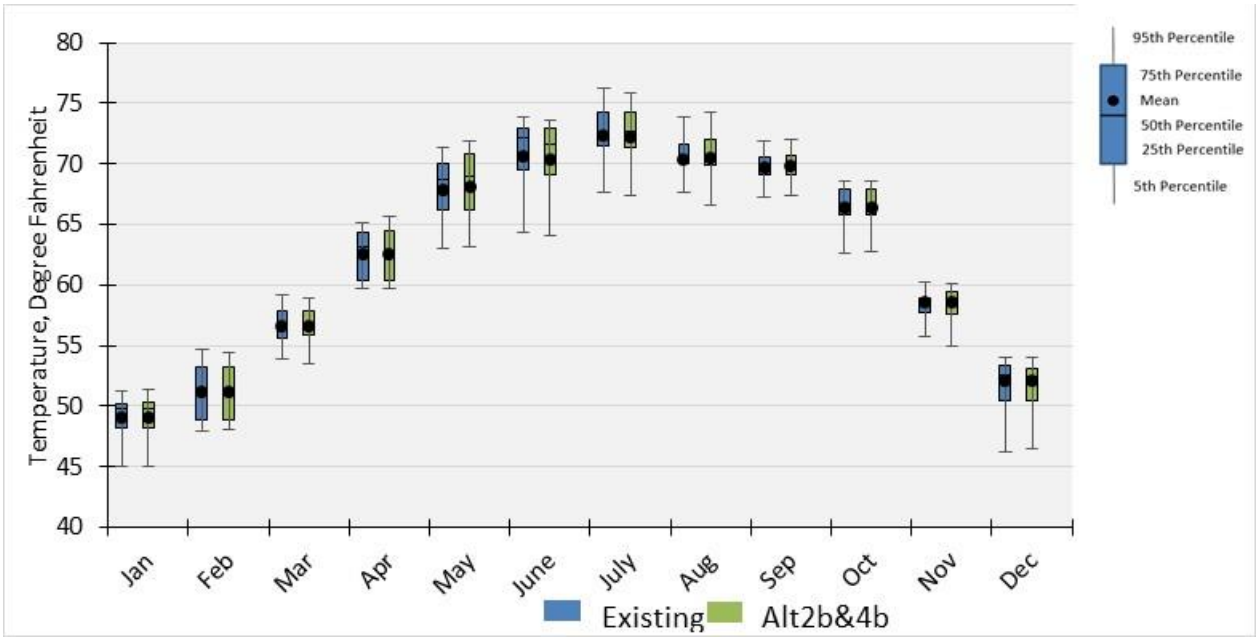


Figure 5A-D1.4.34. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



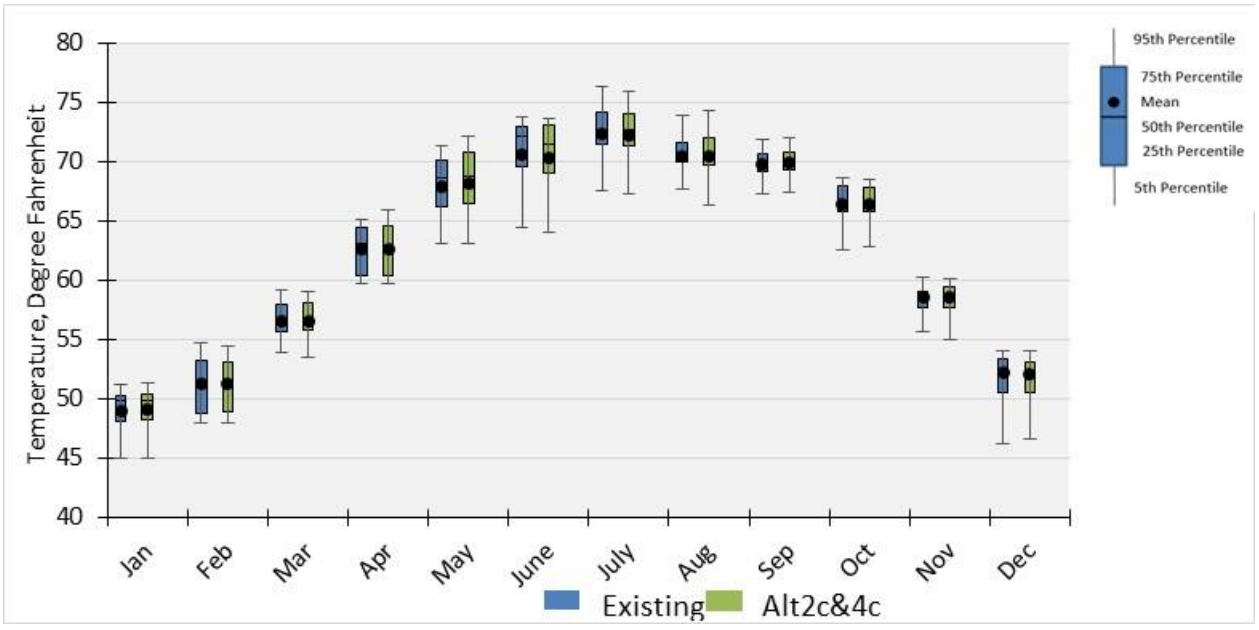
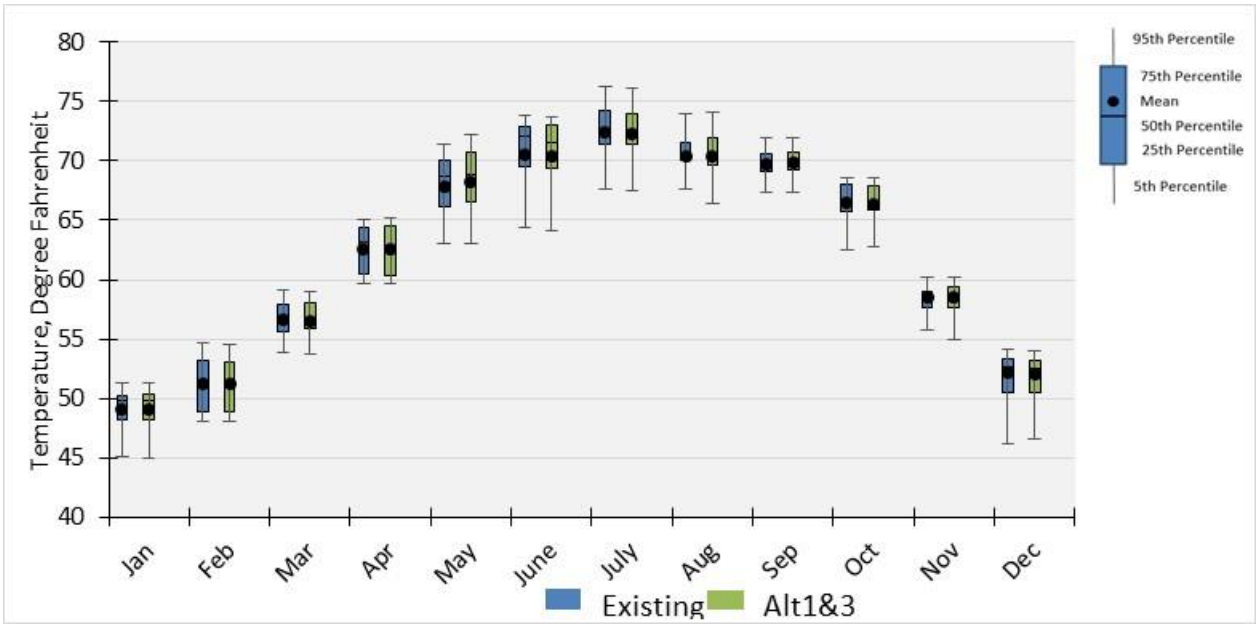


Figure 5A-D1.4.35. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



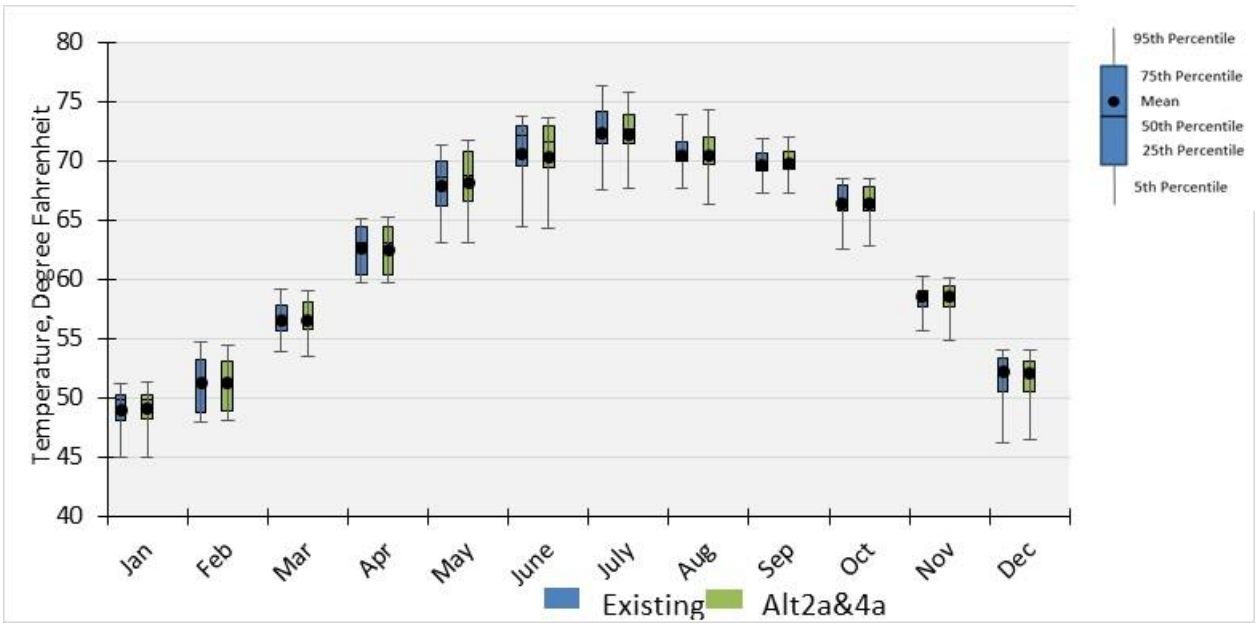


Figure 5A-D1.4.36. American River at Watt Avenue, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

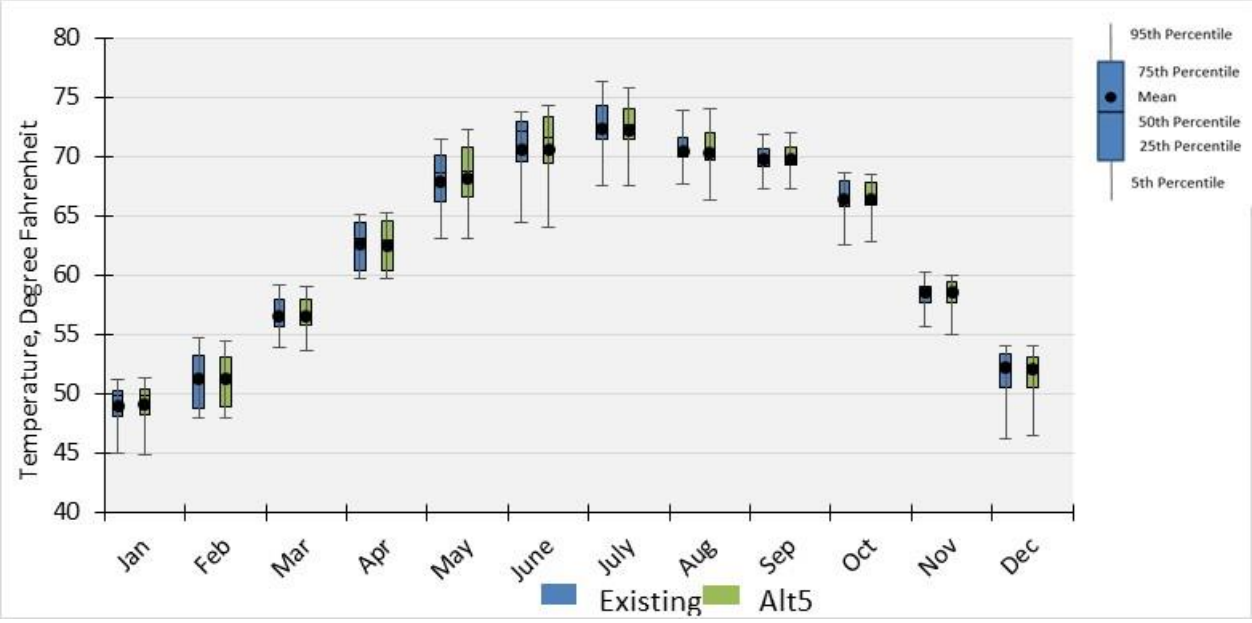
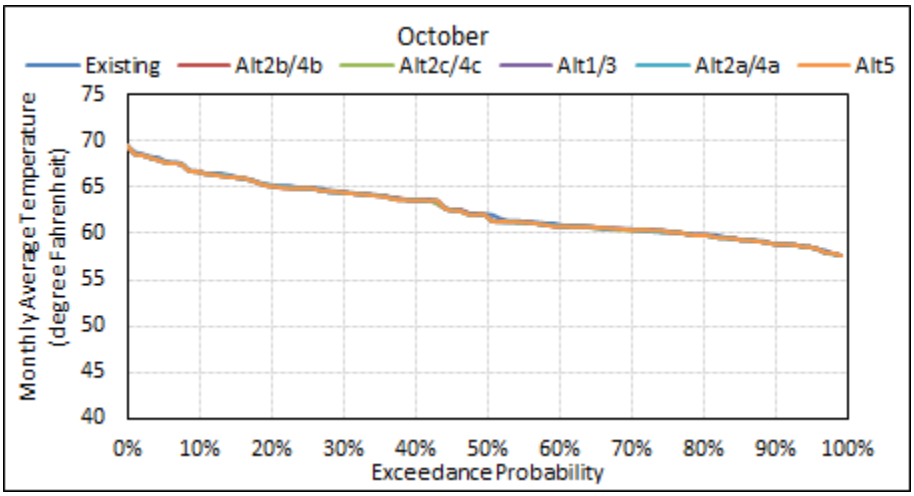
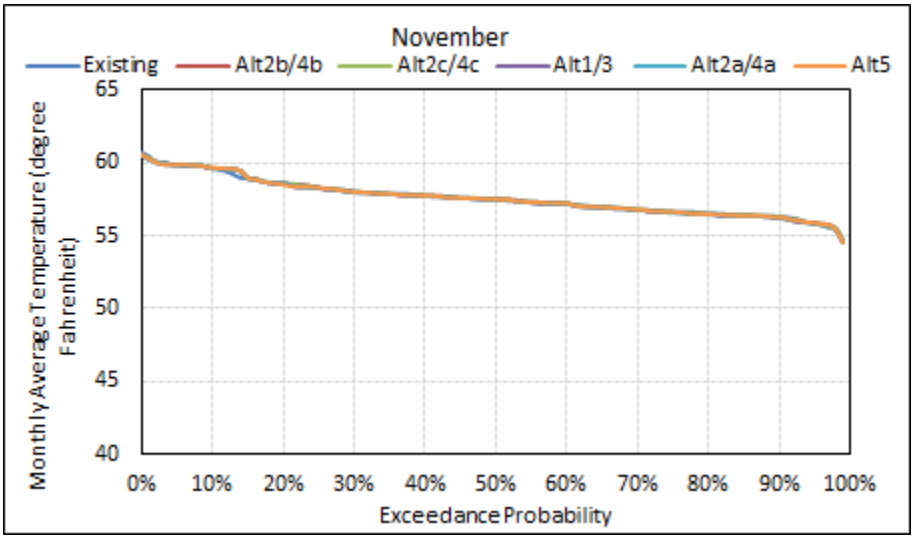


Figure 5A-D1.4.37-A. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





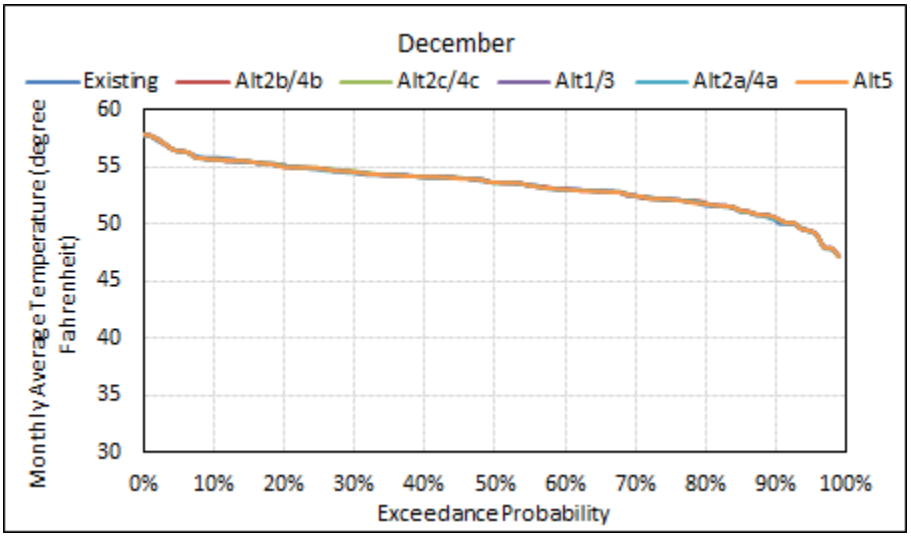
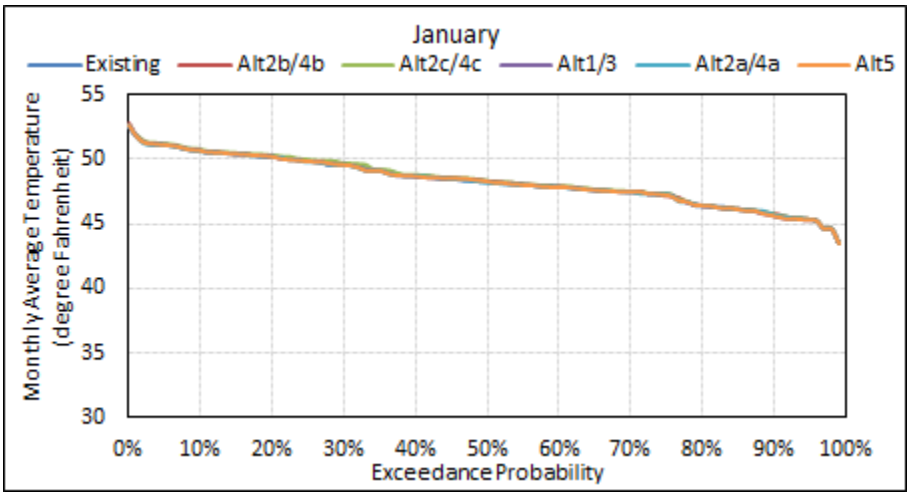
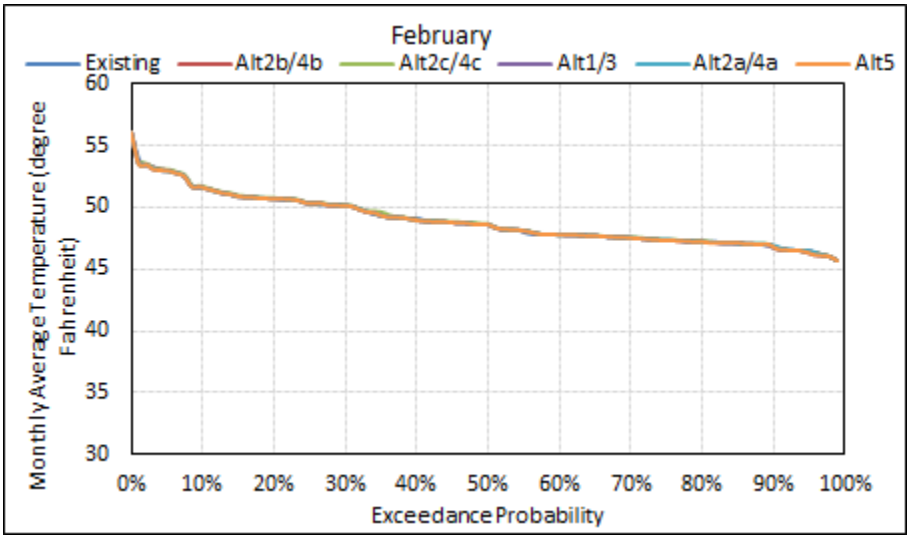


Figure 5A-D1.4.37-B. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





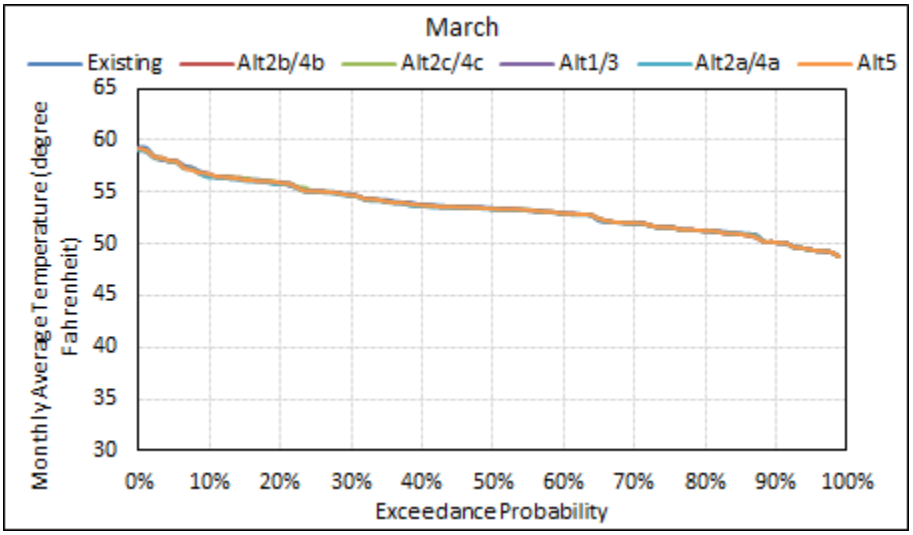
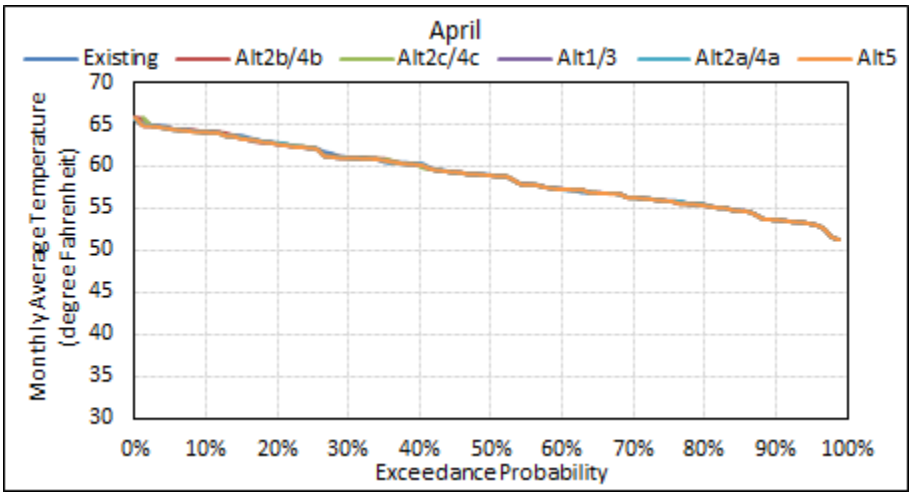
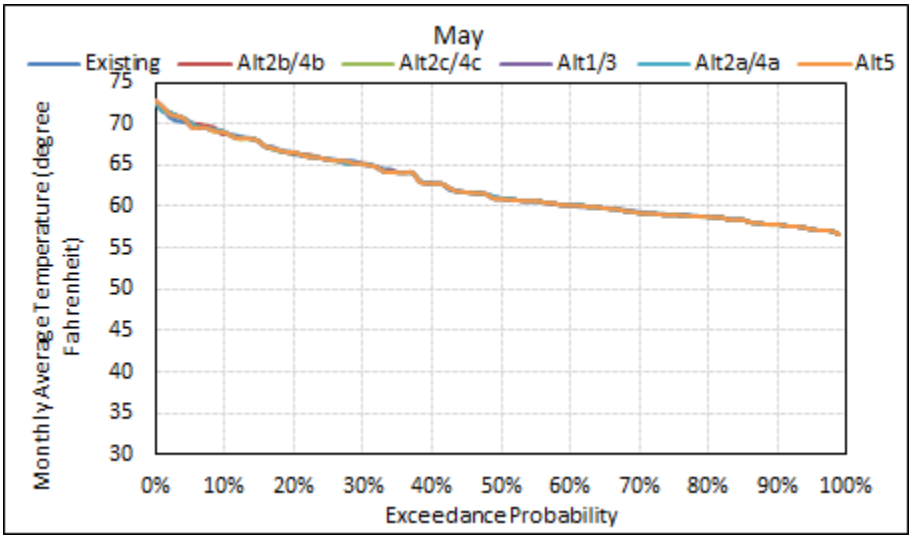


Figure 5A-D1.4.37-C. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





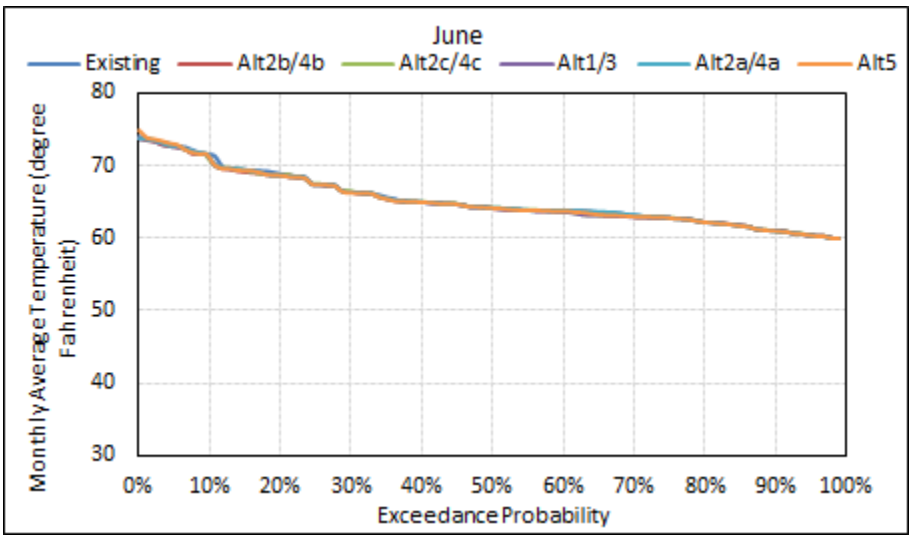
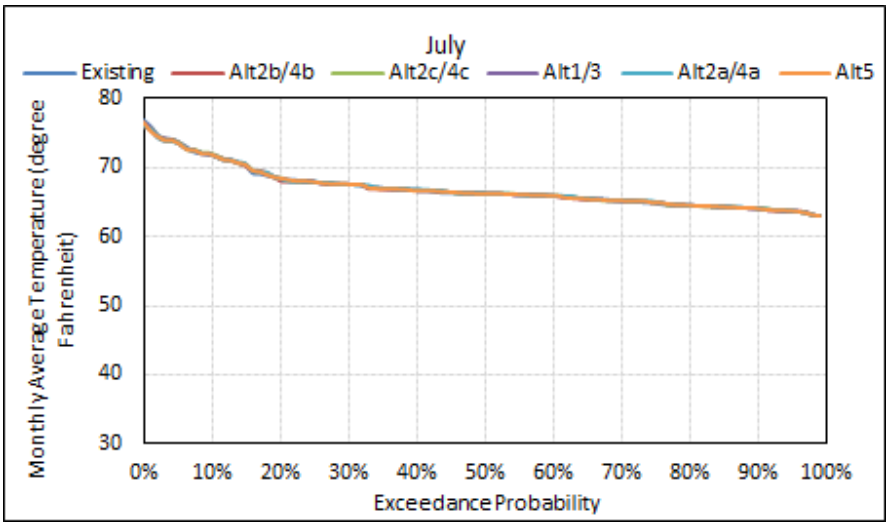
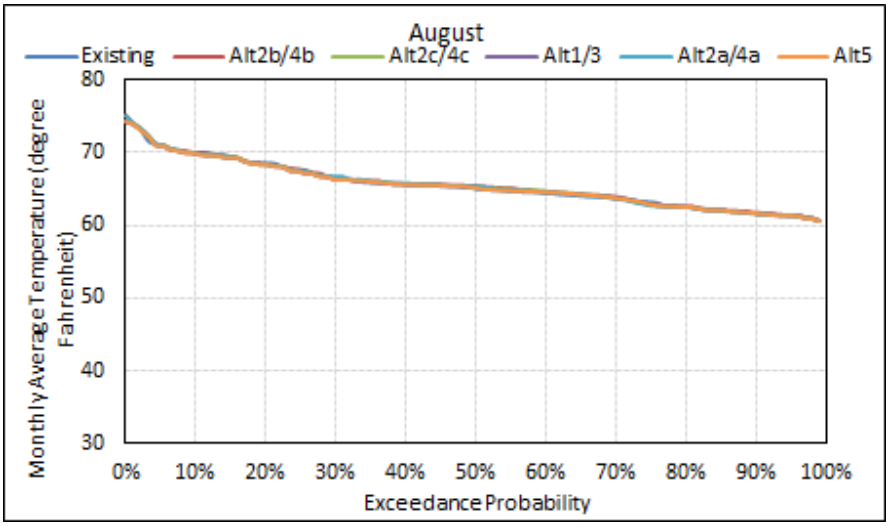


Figure 5A-D1.4.37-D. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





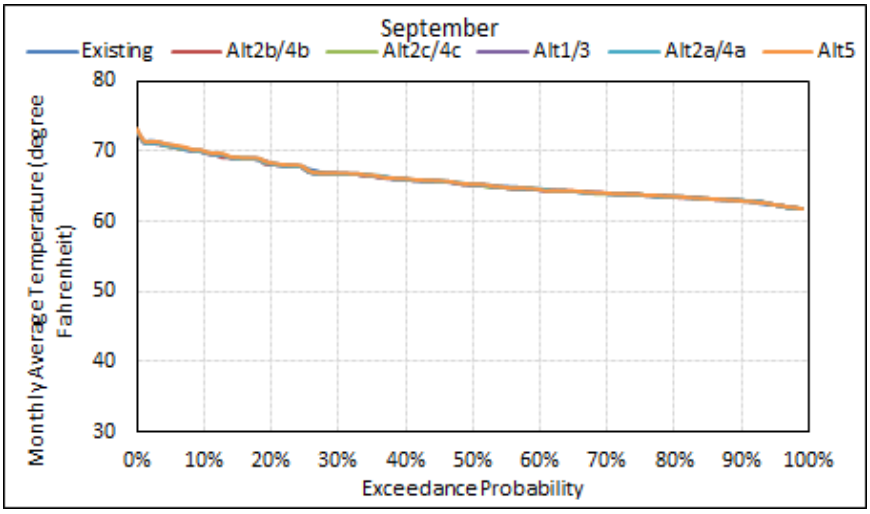


Figure 5A-D1.4.38. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

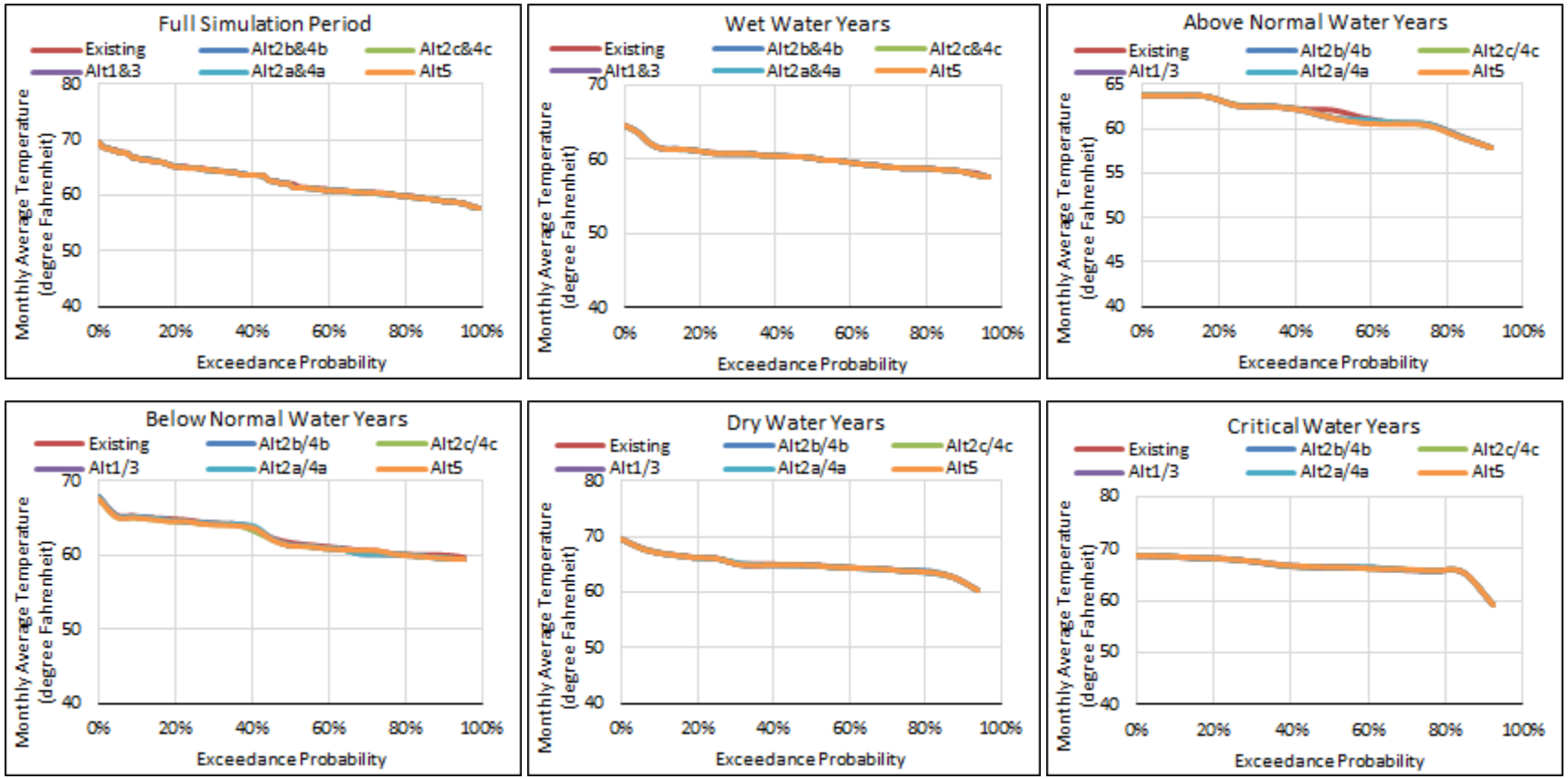


Figure 5A-D1.4.39. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

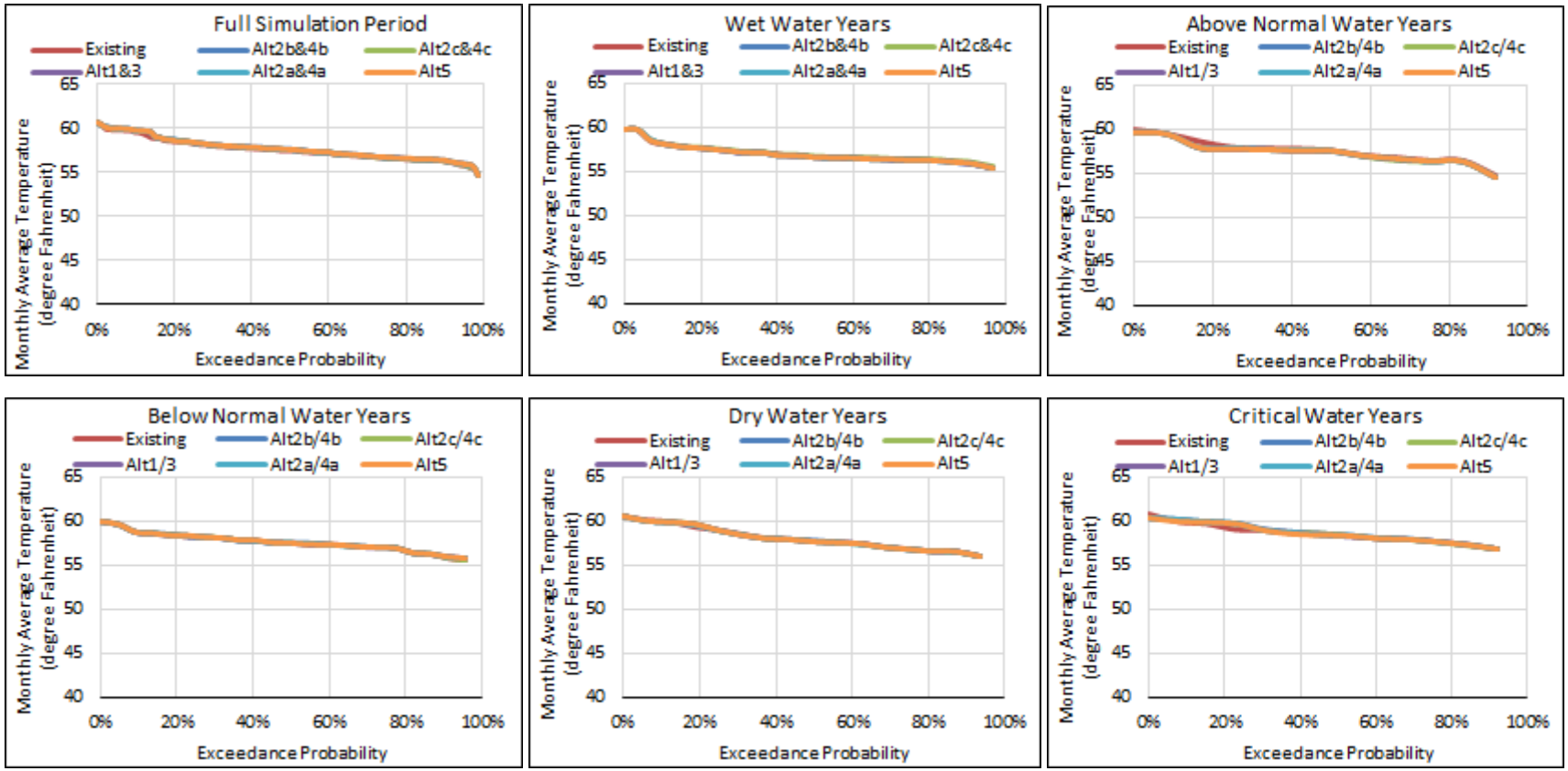


Figure 5A-D1.4.40. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

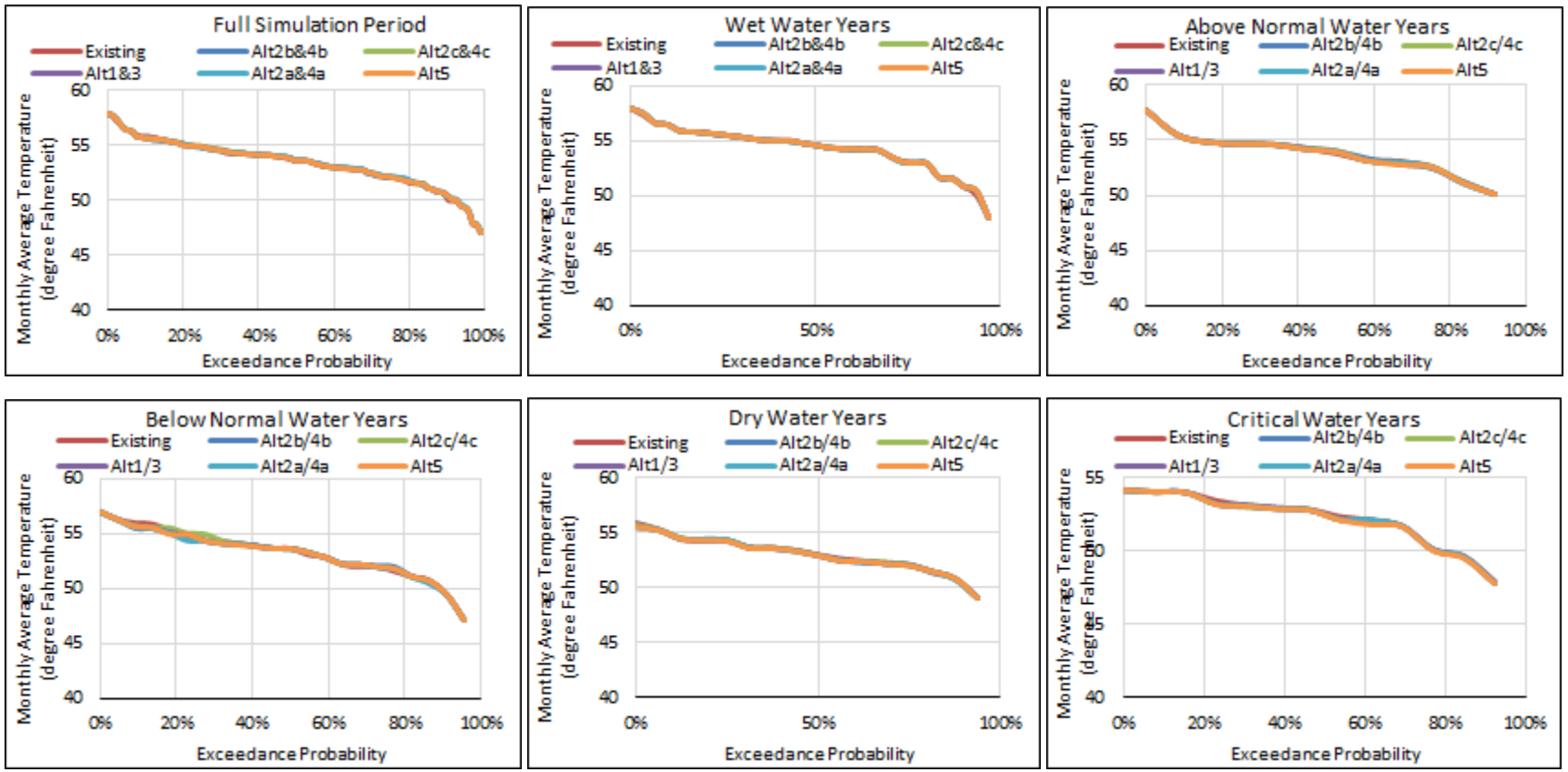


Figure 5A-D1.4.41. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

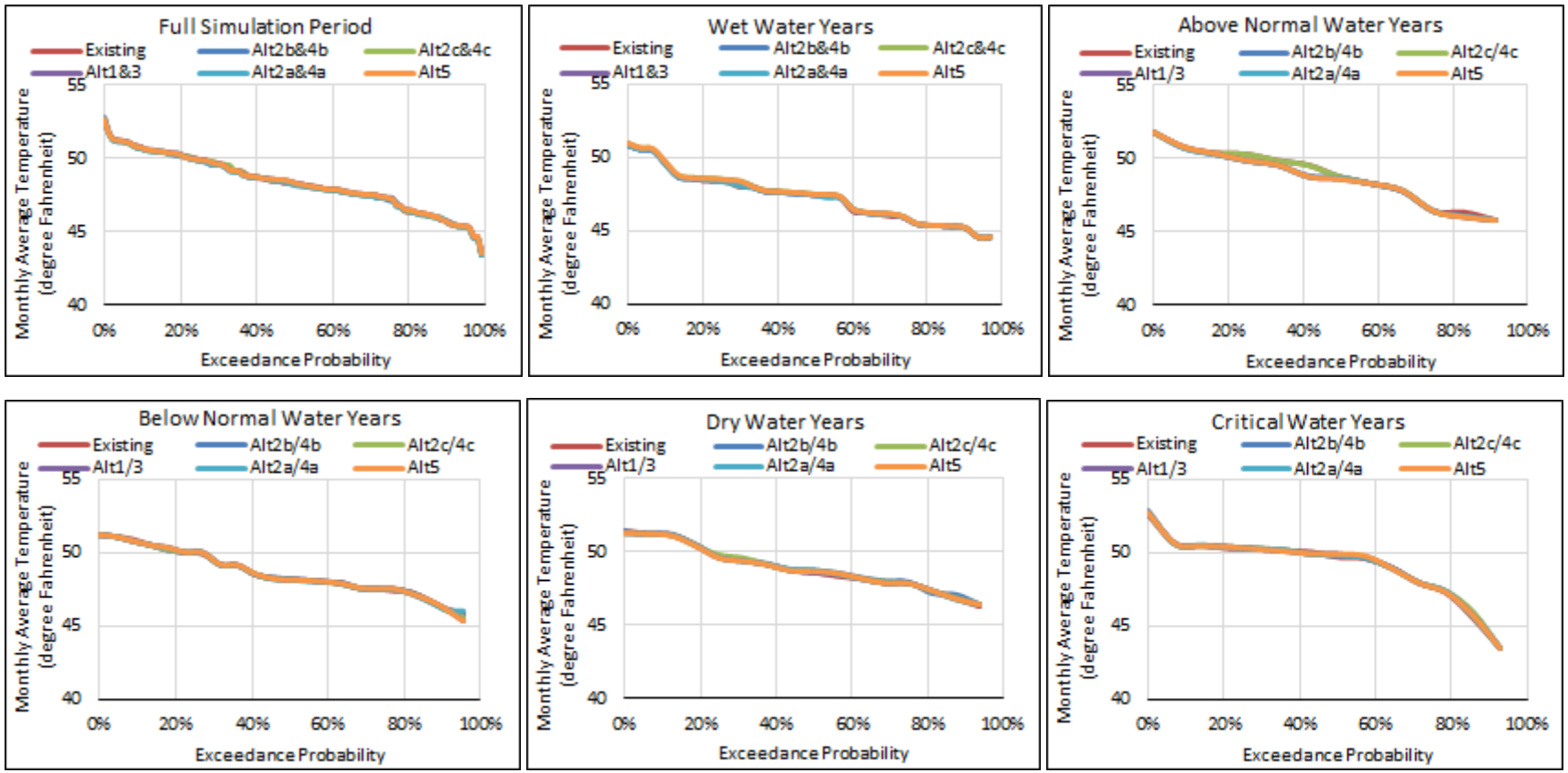


Figure 5A-D1.4.42. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

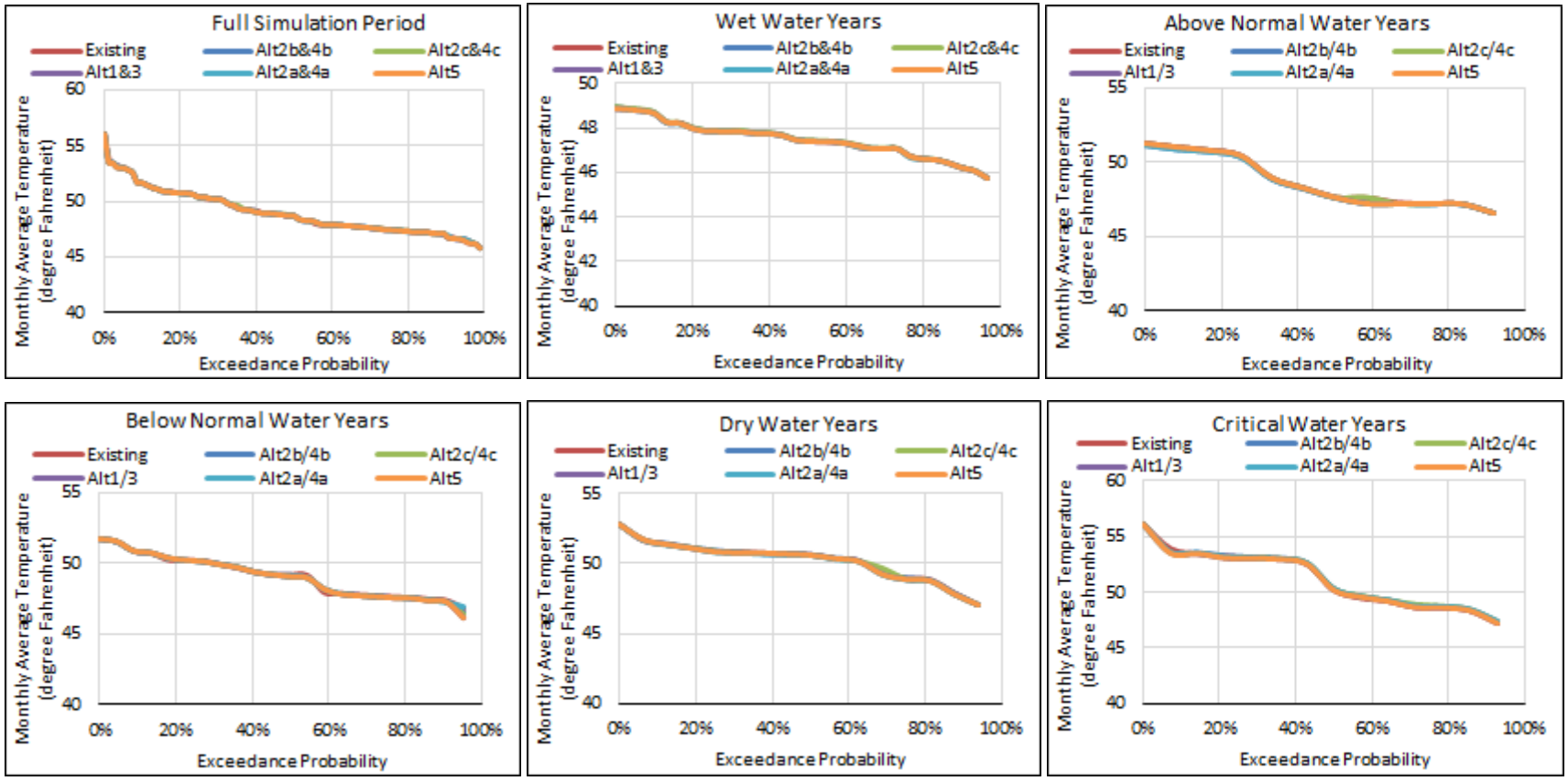


Figure 5A-D1.4.43. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

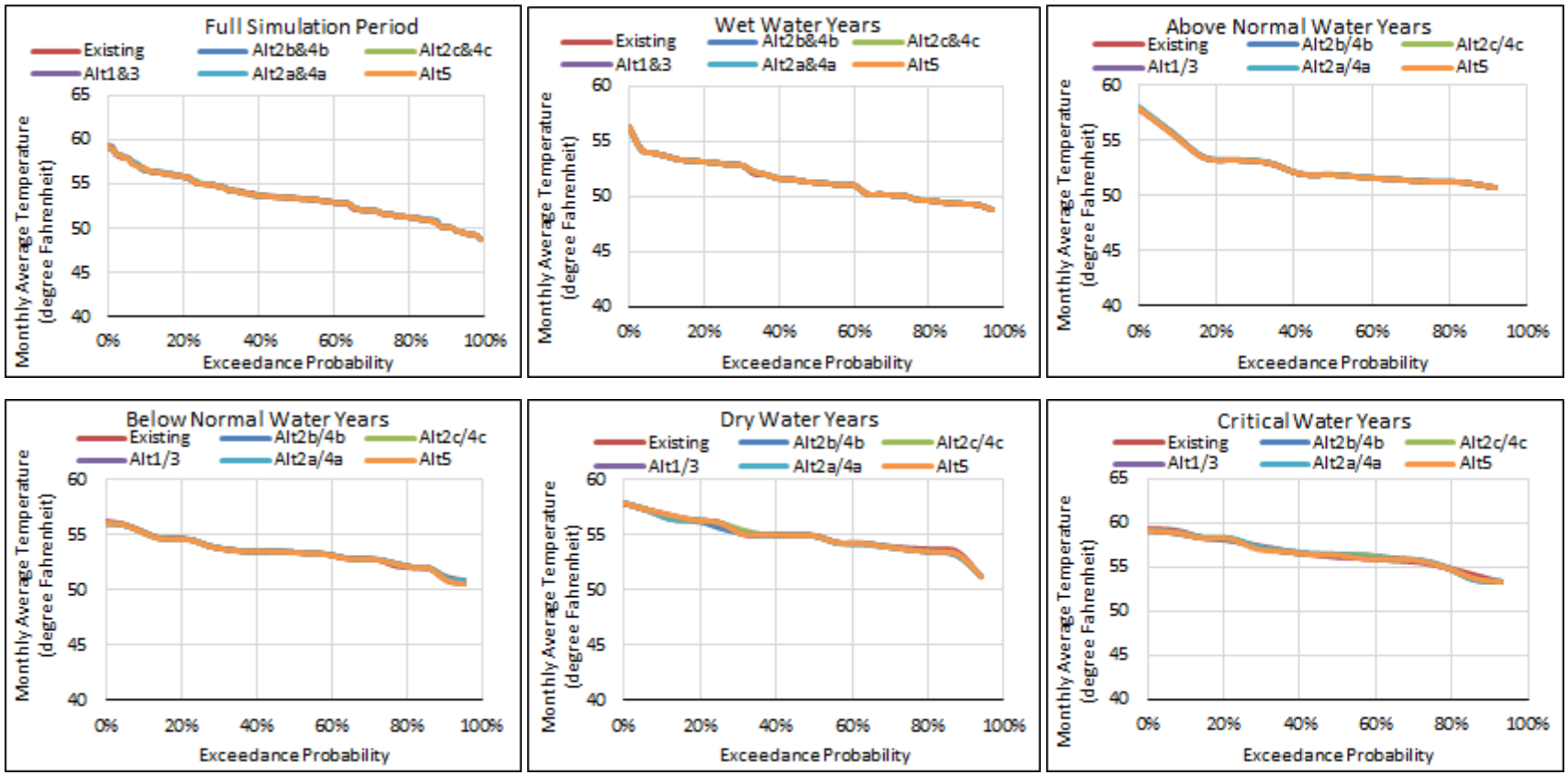


Figure 5A-D1.4.44. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

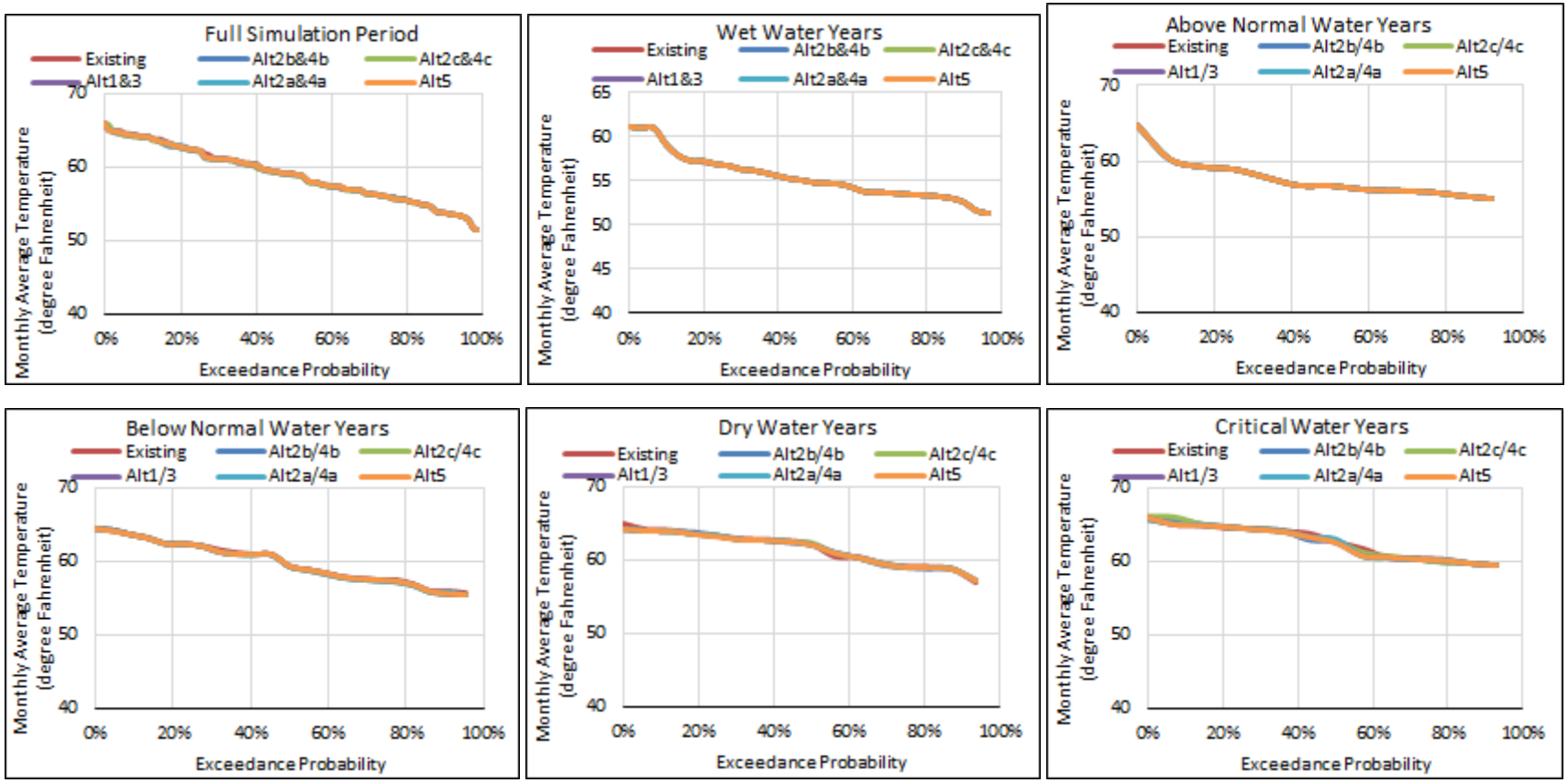


Figure 5A-D1.4.45. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

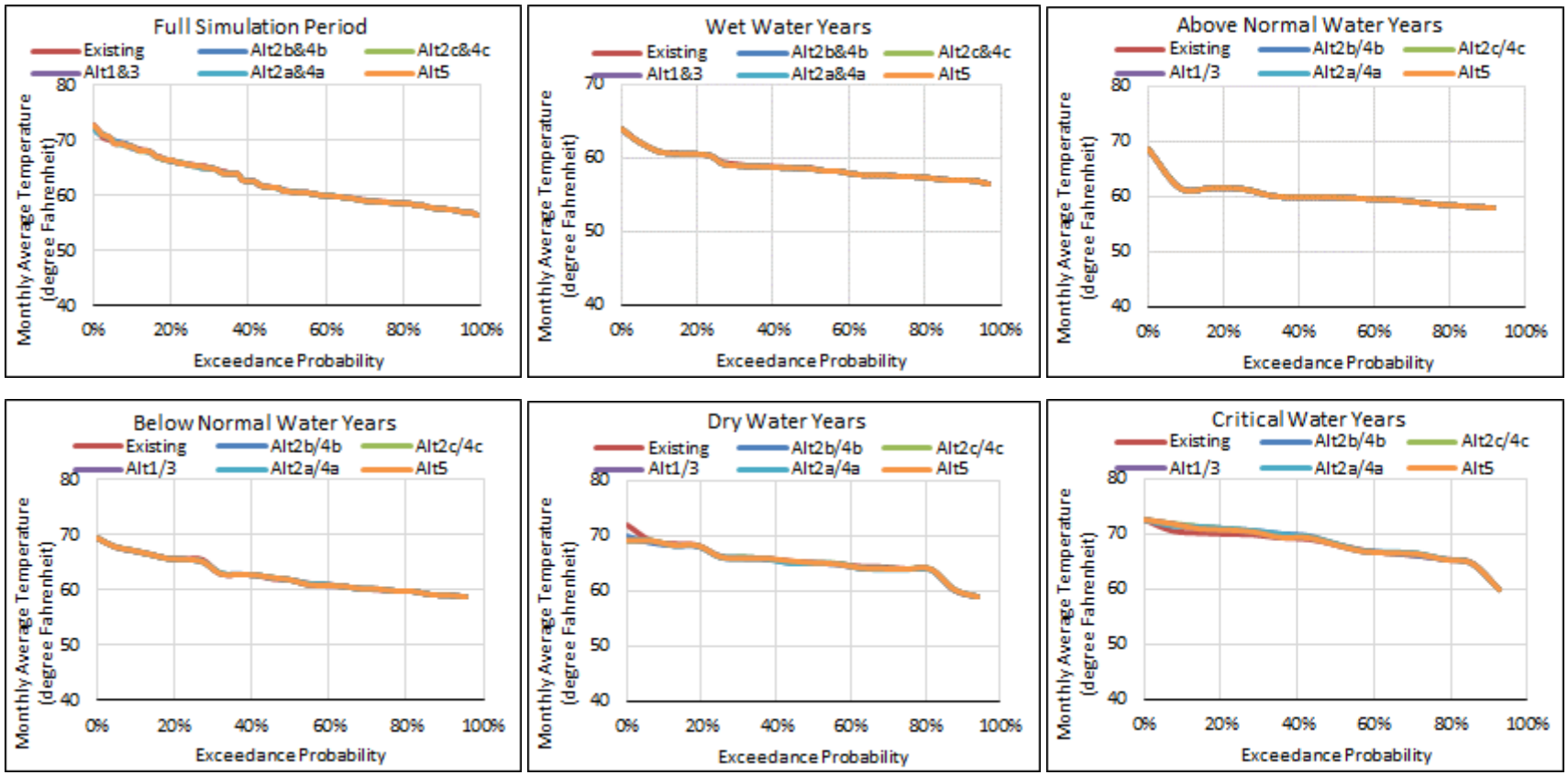


Figure 5A-D1.4.46. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

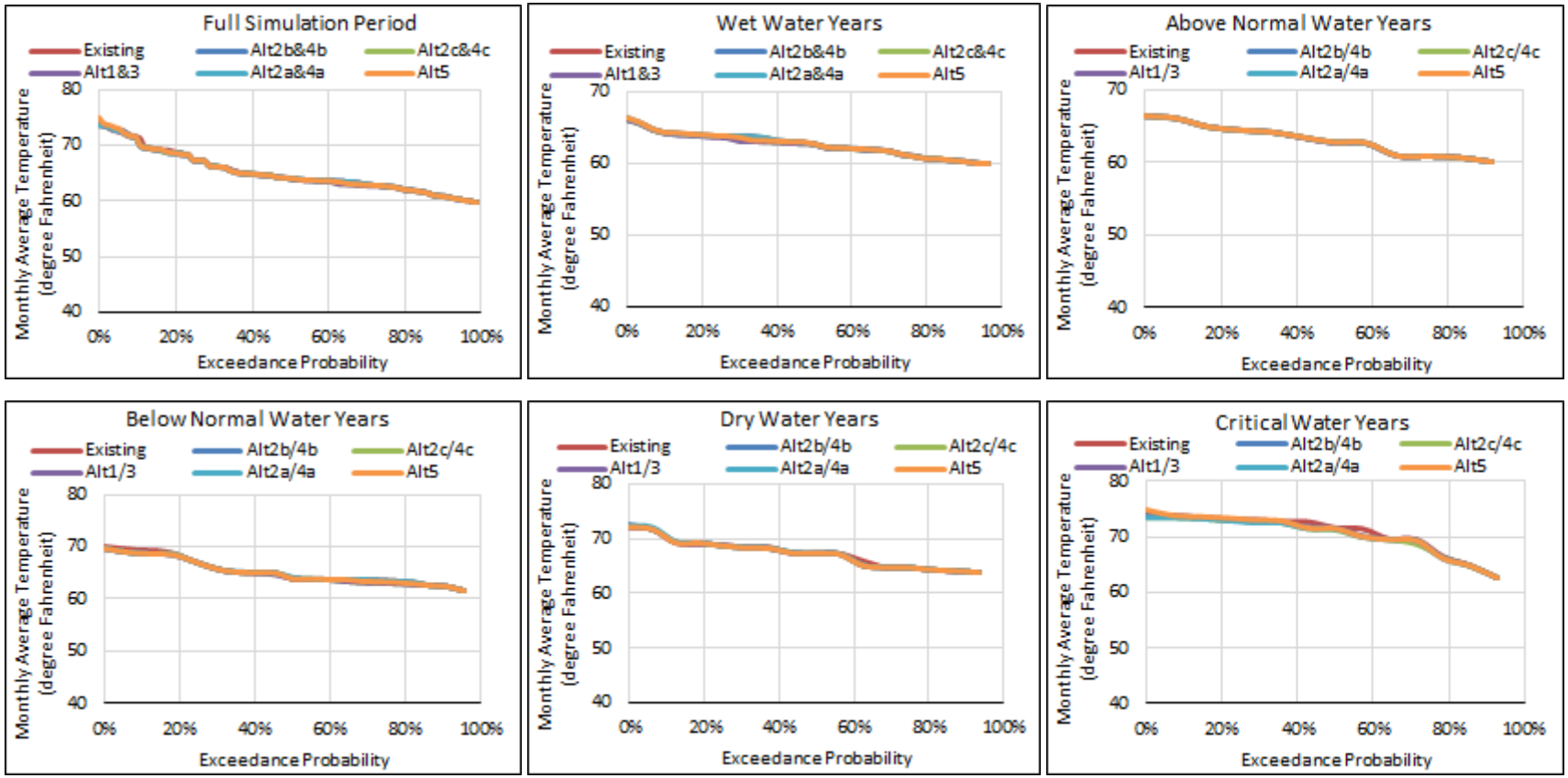


Figure 5A-D1.4.47. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

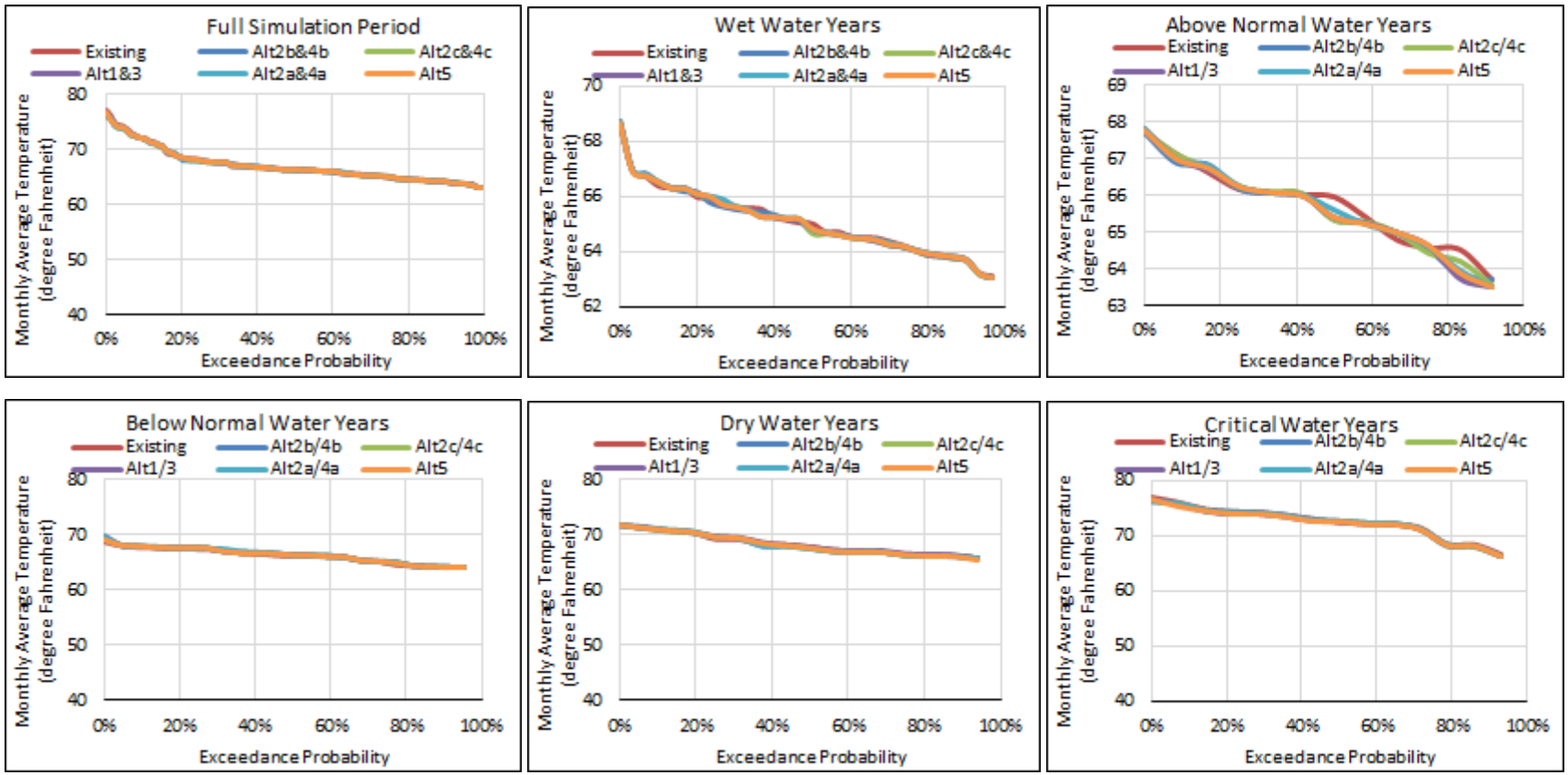


Figure 5A-D1.4.48. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

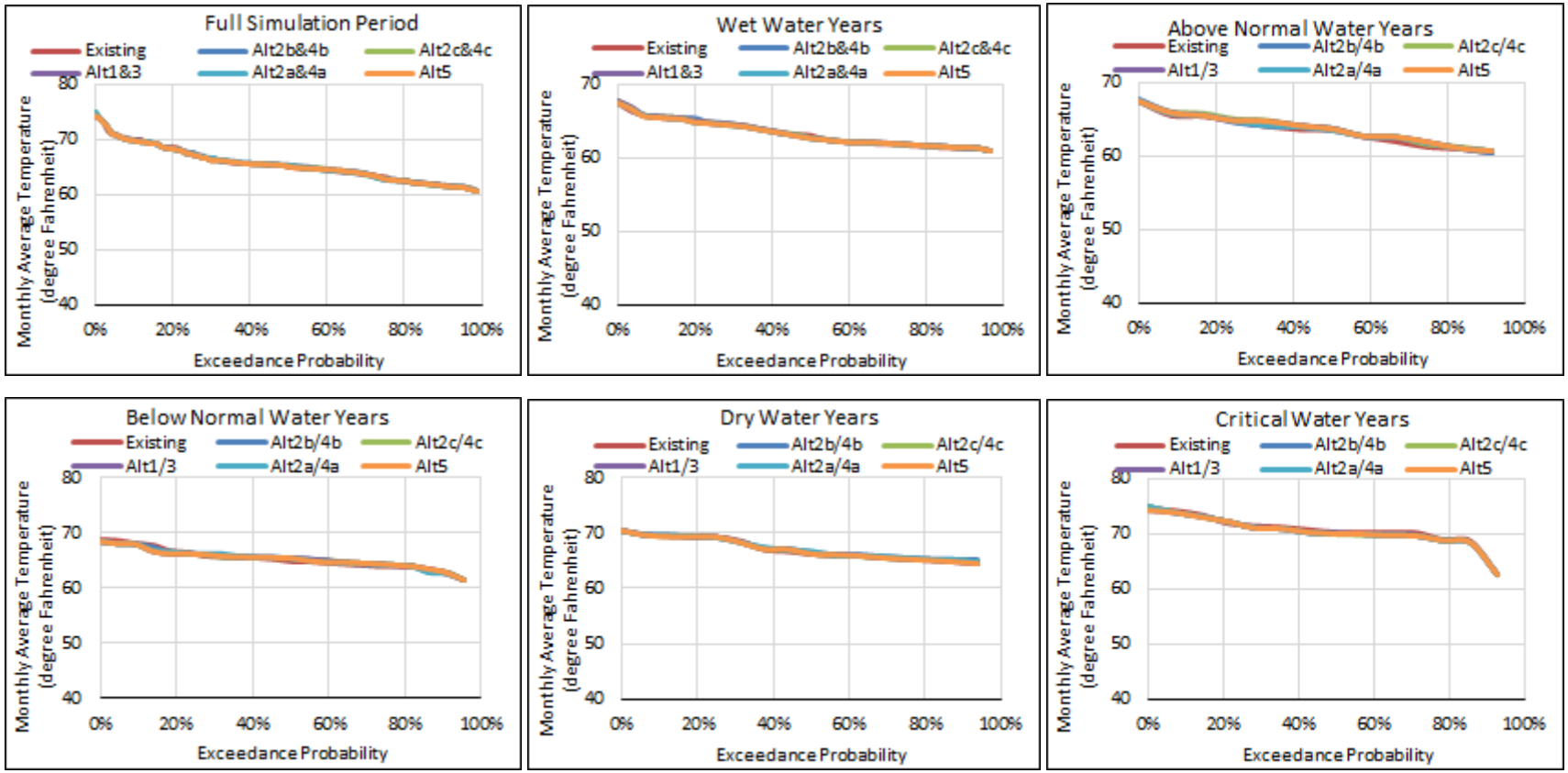
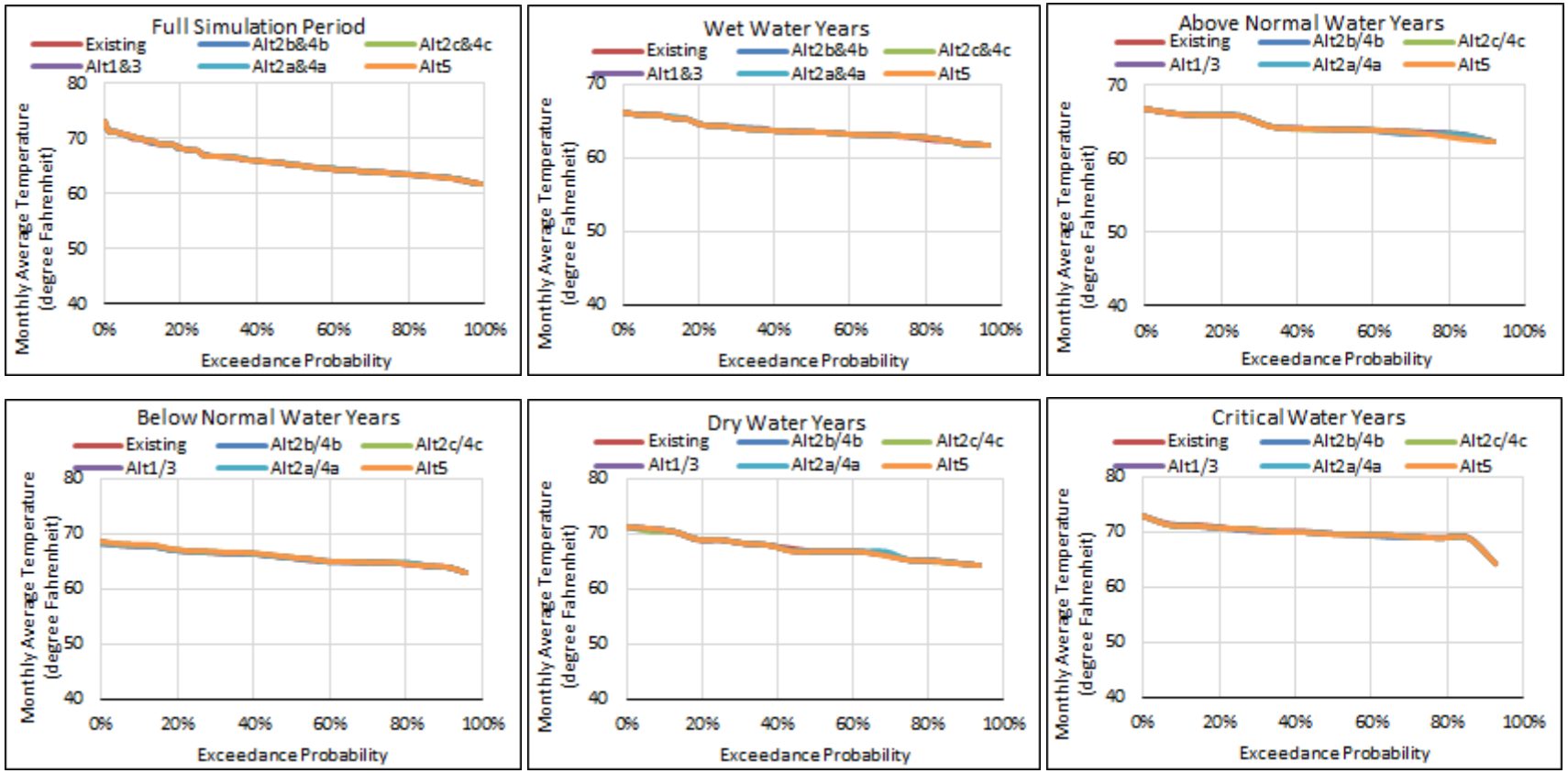


Figure 5A-D1.4.49. American River at Watt Avenue, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.5 American River at William Pond Park

Table 5A-D1.5.1-A. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.4	59.6	56.1	50.6	51.2	55.3	62.5	67.0	69.9	70.5	68.6	68.8
20%	64.7	58.4	55.4	50.1	50.1	54.5	61.1	64.7	67.5	67.1	67.2	67.5
30%	64.0	58.1	54.7	49.5	49.6	53.6	59.8	63.5	65.3	66.6	65.1	65.9
40%	63.3	57.7	54.5	48.7	48.6	52.8	59.0	61.5	63.8	65.6	64.3	65.0
50%	61.1	57.5	54.0	48.2	48.0	52.4	57.7	59.9	62.9	65.2	63.9	64.4
60%	60.3	57.2	53.3	47.9	47.5	52.1	56.4	59.1	62.6	64.7	63.2	63.6
70%	59.8	56.8	52.9	47.4	47.3	51.3	55.5	58.4	62.0	64.0	62.3	62.9
80%	59.2	56.5	52.1	46.5	47.0	50.6	54.7	57.8	61.3	63.4	61.4	62.4
90%	58.4	56.2	50.8	45.9	46.6	49.7	53.1	57.0	60.0	62.8	60.5	61.9

Table 5A-D1.5.1-B. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.0	57.6	53.6	48.3	48.6	52.6	57.7	61.3	64.1	65.8	64.2	64.8
Wet Water Years	59.4	57.1	54.4	47.3	47.2	50.9	54.7	58.1	61.6	63.8	62.1	62.7
Above Normal Water Years	61.1	57.5	53.9	48.8	48.3	52.1	56.8	59.5	62.1	64.4	62.3	63.4
Below Normal Water Years	62.0	57.5	53.4	48.5	48.6	52.6	58.5	61.4	64.0	65.3	64.0	64.9
Dry Water Years	64.5	58.0	53.3	48.9	49.6	53.9	60.1	64.0	66.0	67.0	65.9	66.5
Critical Water Years	65.9	58.5	52.4	48.8	50.5	55.4	61.1	66.3	68.9	70.7	68.8	68.6

Table 5A-D1.5.1-C. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.4	59.7	55.9	50.5	51.2	55.6	62.5	66.9	69.2	70.6	68.5	69.0
20%	64.7	58.5	55.3	50.1	50.1	54.7	61.0	64.7	67.3	67.0	67.0	67.4
30%	64.0	58.0	54.8	49.4	49.6	53.5	59.7	63.5	65.3	66.6	65.1	65.9
40%	63.3	57.7	54.5	48.6	48.6	52.8	58.8	61.6	63.8	65.6	64.4	65.1
50%	61.1	57.5	54.0	48.2	48.0	52.4	57.7	59.8	62.9	65.2	64.1	64.4
60%	60.1	57.2	53.3	47.9	47.5	52.1	56.4	59.2	62.5	64.6	63.3	63.5
70%	59.8	56.8	52.8	47.4	47.2	51.3	55.5	58.3	61.7	64.0	62.5	63.0
80%	59.2	56.5	52.2	46.5	47.0	50.6	54.7	57.8	61.3	63.2	61.3	62.4
90%	58.3	56.2	50.7	45.9	46.6	49.7	53.1	56.9	60.0	62.8	60.6	61.9

Table 5A-D1.5.1-D. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.0	57.6	53.6	48.3	48.6	52.6	57.7	61.3	63.9	65.8	64.2	64.8
Wet Water Years	59.4	57.0	54.4	47.3	47.2	50.9	54.7	58.0	61.5	63.8	62.1	62.7
Above Normal Water Years	61.0	57.4	54.0	48.6	48.3	52.1	56.8	59.5	62.1	64.3	62.4	63.4
Below Normal Water Years	61.9	57.5	53.4	48.5	48.6	52.6	58.5	61.4	63.9	65.3	64.0	64.8
Dry Water Years	64.5	58.0	53.3	48.9	49.7	53.8	60.1	63.8	65.9	67.0	65.9	66.5
Critical Water Years	65.9	58.5	52.4	48.9	50.5	55.4	61.1	66.6	68.7	70.6	68.8	68.7

Table 5A-D1.5.1-E. American River at William Pond Park, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.3	-0.1	0.0	0.3	0.0	-0.1	-0.7	0.1	-0.1	0.1
20%	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	-0.2	-0.1	-0.1	-0.1
30%	0.0	0.0	0.1	0.0	0.0	-0.1	-0.2	0.0	-0.1	0.0	0.0	0.0
40%	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	0.1	0.0	0.0	0.2	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	0.0
60%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.1	0.0
70%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.4	0.0	0.2	0.1
80%	0.0	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0

Table 5A-D1.5.1-F. American River at William Pond Park, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.1	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.1	0.0
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	-0.2	-0.1	0.0	0.1

Table 5A-D1.5.1-G. American River at William Pond Park, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	-0.5%	-0.1%	0.0%	0.5%	0.0%	-0.2%	-1.0%	0.2%	-0.1%	0.2%
20%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.2%	0.0%	-0.3%	-0.2%	-0.2%	-0.2%
30%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.2%	-0.3%	0.0%	-0.1%	0.0%	0.0%	0.0%
40%	0.0%	0.0%	0.1%	-0.1%	0.1%	-0.1%	-0.3%	0.1%	0.0%	0.0%	0.2%	0.1%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.2%	-0.1%	0.1%	0.3%	0.0%
60%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.2%	-0.1%
70%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.6%	0.0%	0.3%	0.2%
80%	0.0%	-0.1%	0.2%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.1%
90%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%

Table 5A-D1.5.1-H. American River at William Pond Park, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.2%	-0.2%	0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%
Below Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.1%	0.0%
Dry Water Years	0.0%	0.1%	-0.1%	0.1%	0.0%	-0.2%	0.0%	-0.3%	-0.1%	0.0%	0.1%	-0.1%
Critical Water Years	0.0%	0.1%	-0.1%	0.2%	0.0%	0.0%	0.0%	0.5%	-0.4%	-0.1%	0.0%	0.1%

Table 5A-D1.5.2-A. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.3	59.6	56.0	50.5	51.2	55.6	62.4	66.8	69.4	70.6	68.3	68.9
20%	64.7	58.5	55.4	50.2	50.1	54.8	61.1	64.8	67.3	67.2	67.0	67.5
30%	64.0	58.0	54.9	49.5	49.6	53.5	59.7	63.6	65.3	66.6	65.1	65.9
40%	63.3	57.7	54.5	48.7	48.6	52.8	58.8	61.5	63.8	65.6	64.4	65.0
50%	61.1	57.5	54.0	48.2	48.2	52.4	57.7	59.8	63.0	65.2	64.0	64.4
60%	60.1	57.1	53.3	47.9	47.5	52.1	56.4	59.1	62.5	64.7	63.4	63.5
70%	59.8	56.8	52.8	47.4	47.3	51.3	55.5	58.3	61.6	63.9	62.5	63.0
80%	59.2	56.5	52.2	46.5	47.0	50.6	54.7	57.8	61.2	63.2	61.4	62.4
90%	58.4	56.2	50.8	45.9	46.6	49.7	53.1	56.9	60.0	62.8	60.5	61.9

Table 5A-D1.5.2-B. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.0	57.6	53.7	48.3	48.6	52.6	57.7	61.3	63.9	65.8	64.2	64.8
Wet Water Years	59.4	57.0	54.4	47.3	47.2	50.9	54.7	58.0	61.5	63.8	62.1	62.7
Above Normal Water Years	60.9	57.4	54.0	48.7	48.3	52.1	56.8	59.5	62.1	64.3	62.5	63.5
Below Normal Water Years	61.9	57.5	53.5	48.5	48.6	52.5	58.5	61.4	63.8	65.3	64.0	64.9
Dry Water Years	64.5	58.0	53.3	48.9	49.7	53.9	60.2	63.7	65.9	67.1	65.9	66.4
Critical Water Years	65.9	58.5	52.3	48.9	50.5	55.4	61.2	66.6	68.7	70.5	68.8	68.8

Table 5A-D1.5.2-C. American River at William Pond Park, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.2	0.0	0.0	0.3	-0.1	-0.2	-0.5	0.2	-0.3	0.1
20%	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.1	-0.2	0.0	-0.2	0.0
30%	0.0	0.0	0.1	0.1	0.0	-0.1	-0.2	0.1	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	0.0
50%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0
60%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.2	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.4	0.0	0.2	0.0
80%	0.0	-0.1	0.1	0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

Table 5A-D1.5.2-D. American River at William Pond Park, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0
Below Normal Water Years	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.3	-0.2	-0.2	0.0	0.1

Table 5A-D1.5.2-E. American River at William Pond Park, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	-0.3%	-0.1%	0.0%	0.5%	-0.1%	-0.2%	-0.7%	0.2%	-0.4%	0.1%
20%	0.0%	0.0%	0.1%	0.2%	0.0%	0.4%	0.0%	0.1%	-0.4%	0.1%	-0.3%	0.1%
30%	0.0%	-0.1%	0.3%	0.2%	0.0%	-0.2%	-0.3%	0.2%	0.0%	-0.1%	0.0%	-0.1%
40%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.1%	-0.3%	0.1%	0.0%	0.0%	0.2%	0.0%
50%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.1%	0.0%
60%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.3%	-0.1%
70%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.7%	0.0%	0.3%	0.0%
80%	0.0%	-0.1%	0.2%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.1%
90%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%

Table 5A-D1.5.2-F. American River at William Pond Park, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.3%	0.1%
Below Normal Water Years	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.1%	0.0%
Dry Water Years	0.0%	0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	-0.4%	-0.1%	0.1%	0.1%	-0.2%
Critical Water Years	0.0%	0.1%	-0.1%	0.2%	0.0%	0.1%	0.2%	0.5%	-0.4%	-0.2%	-0.1%	0.2%

Table 5A-D1.5.3-A. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.4	59.7	56.0	50.6	51.2	55.6	62.4	66.9	69.4	70.6	68.4	68.9
20%	64.7	58.4	55.3	50.2	50.1	54.8	61.1	64.9	67.2	67.2	67.0	67.5
30%	64.0	58.0	54.8	49.4	49.6	53.5	59.7	63.4	65.2	66.6	65.1	65.9
40%	63.3	57.7	54.5	48.6	48.6	52.8	58.8	61.4	63.8	65.7	64.4	65.1
50%	61.1	57.5	54.0	48.2	48.0	52.4	57.7	59.8	62.9	65.2	64.1	64.4
60%	60.1	57.2	53.3	47.9	47.5	52.1	56.4	59.1	62.4	64.6	63.3	63.5
70%	59.8	56.8	52.8	47.4	47.2	51.3	55.5	58.3	61.6	63.9	62.5	62.9
80%	59.2	56.5	52.2	46.5	47.0	50.6	54.6	57.8	61.2	63.2	61.3	62.4
90%	58.3	56.2	50.8	45.7	46.7	49.7	53.1	56.9	60.0	62.7	60.6	61.9

Table 5A-D1.5.3-B. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.0	57.6	53.6	48.2	48.6	52.6	57.7	61.3	63.9	65.8	64.2	64.9
Wet Water Years	59.4	57.0	54.4	47.3	47.2	50.9	54.7	58.0	61.4	63.8	62.1	62.7
Above Normal Water Years	60.9	57.4	54.0	48.6	48.3	52.1	56.8	59.5	62.1	64.3	62.5	63.5
Below Normal Water Years	61.9	57.5	53.4	48.5	48.6	52.5	58.5	61.4	63.8	65.3	64.0	64.9
Dry Water Years	64.5	58.0	53.3	48.9	49.7	53.9	60.1	63.7	65.9	67.1	65.9	66.5
Critical Water Years	65.9	58.5	52.3	48.9	50.5	55.4	61.1	66.7	68.7	70.6	68.7	68.7

Table 5A-D1.5.3-C. American River at William Pond Park, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	-0.2	0.0	0.0	0.3	-0.1	-0.1	-0.5	0.1	-0.2	0.1
20%	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.1	-0.3	0.0	-0.2	0.0
30%	0.0	0.0	0.1	0.0	0.0	-0.1	-0.2	0.0	-0.2	0.0	0.0	0.0
40%	0.0	0.0	0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0	0.0	0.1	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.2	0.0
60%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0	0.1	-0.1
70%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	0.2	0.0
80%	0.0	0.0	0.1	0.1	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	0.1
90%	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1

Table 5A-D1.5.3-D. American River at William Pond Park, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.3	-0.2	-0.1	-0.1	0.1

Table 5A-D1.5.3-E. American River at William Pond Park, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	-0.3%	-0.1%	0.0%	0.5%	-0.1%	-0.2%	-0.7%	0.2%	-0.2%	0.1%
20%	0.0%	0.0%	0.0%	0.2%	0.0%	0.4%	0.0%	0.2%	-0.4%	0.1%	-0.3%	0.0%
30%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.2%	-0.3%	0.0%	-0.2%	-0.1%	0.0%	0.0%
40%	0.0%	0.0%	0.1%	-0.1%	0.1%	0.0%	-0.3%	-0.1%	0.0%	0.1%	0.2%	0.0%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.3%	-0.1%	0.0%	0.2%	0.0%
60%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.3%	0.0%	0.2%	-0.1%
70%	0.0%	-0.1%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.6%	-0.1%	0.3%	0.0%
80%	-0.1%	-0.1%	0.1%	0.2%	0.0%	0.0%	-0.2%	0.0%	-0.1%	-0.2%	-0.1%	0.1%
90%	-0.1%	0.0%	0.0%	-0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.1%

Table 5A-D1.5.3-F. American River at William Pond Park, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.3%	0.1%
Below Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.4%	0.0%	0.1%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.0%	0.0%	-0.1%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.5%	-0.3%	-0.1%	-0.1%	0.2%

Table 5A-D1.5.4-A. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.4	59.7	55.9	50.5	51.2	55.6	62.4	66.9	69.5	70.6	68.4	68.9
20%	64.7	58.4	55.3	50.2	50.1	54.6	61.1	64.9	67.2	67.1	67.0	67.4
30%	64.0	58.0	54.8	49.4	49.6	53.5	59.7	63.4	65.0	66.7	65.2	65.9
40%	63.3	57.7	54.5	48.6	48.6	52.8	58.8	61.4	63.8	65.7	64.4	65.1
50%	61.1	57.5	54.0	48.1	48.0	52.4	57.7	59.9	63.0	65.2	64.1	64.4
60%	60.2	57.1	53.3	47.9	47.5	52.1	56.4	59.2	62.6	64.7	63.3	63.6
70%	59.8	56.8	52.8	47.4	47.2	51.3	55.5	58.3	62.0	64.1	62.5	62.9
80%	59.2	56.5	52.2	46.6	47.0	50.6	54.7	57.8	61.3	63.2	61.3	62.4
90%	58.4	56.2	50.7	45.9	46.6	49.7	53.1	57.0	60.0	62.8	60.6	61.9

Table 5A-D1.5.4-B. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.0	57.6	53.6	48.2	48.6	52.6	57.7	61.3	64.0	65.8	64.2	64.9
Wet Water Years	59.4	57.0	54.4	47.3	47.2	50.9	54.7	58.0	61.6	63.8	62.1	62.7
Above Normal Water Years	60.9	57.4	54.0	48.6	48.3	52.1	56.8	59.5	62.1	64.3	62.4	63.4
Below Normal Water Years	61.9	57.5	53.4	48.5	48.6	52.6	58.5	61.4	63.9	65.4	64.0	64.9
Dry Water Years	64.6	58.0	53.3	48.9	49.6	53.9	60.2	63.7	65.9	67.1	66.0	66.5
Critical Water Years	65.9	58.5	52.4	48.9	50.5	55.4	61.1	66.7	68.7	70.6	68.8	68.7

Table 5A-D1.5.4-C. American River at William Pond Park, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.2	-0.1	0.0	0.3	-0.2	-0.1	-0.4	0.2	-0.2	0.1
20%	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	-0.3	0.0	-0.2	0.0
30%	0.0	0.0	0.1	0.0	0.0	-0.1	-0.2	0.0	-0.3	0.1	0.1	0.0
40%	0.0	0.0	0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0	0.1	0.1	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0
70%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	0.0
80%	0.0	-0.1	0.1	0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.1
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0

Table 5A-D1.5.4-D. American River at William Pond Park, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.1	0.0	0.2	0.0
Critical Water Years	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	-0.2	-0.1	0.0	0.1

Table 5A-D1.5.4-E. American River at William Pond Park, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	-0.4%	-0.1%	0.0%	0.5%	-0.2%	-0.2%	-0.6%	0.2%	-0.2%	0.2%
20%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.2%	0.0%	0.2%	-0.4%	0.0%	-0.3%	0.0%
30%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.2%	-0.3%	0.0%	-0.5%	0.1%	0.1%	0.0%
40%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.3%	-0.1%	0.0%	0.1%	0.2%	0.1%
50%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%
60%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.2%	0.0%
70%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.2%	0.2%	-0.1%
80%	-0.1%	-0.1%	0.1%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.1%
90%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.1%

Table 5A-D1.5.4-F. American River at William Pond Park, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-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	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.2%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%
Below Normal Water Years	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.4%	-0.1%	0.0%	0.2%	0.0%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.5%	-0.3%	-0.2%	0.0%	0.2%

Table 5A-D1.5.5-A. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	66.4	59.6	56.0	50.6	51.2	55.6	62.4	66.9	69.4	70.6	68.4	68.9
20%	64.7	58.4	55.3	50.2	50.1	54.7	61.1	64.9	67.2	67.2	67.0	67.5
30%	64.0	58.0	54.8	49.4	49.6	53.5	59.7	63.4	65.1	66.6	65.1	65.9
40%	63.3	57.7	54.5	48.7	48.6	52.8	58.8	61.4	63.8	65.6	64.4	65.0
50%	61.1	57.5	54.0	48.3	48.0	52.4	57.7	59.8	63.0	65.2	64.1	64.4
60%	60.1	57.2	53.3	47.9	47.5	52.1	56.4	59.1	62.6	64.6	63.3	63.5
70%	59.8	56.8	52.8	47.4	47.2	51.3	55.5	58.3	61.8	64.0	62.5	62.9
80%	59.2	56.5	52.2	46.5	47.0	50.6	54.6	57.8	61.3	63.2	61.3	62.4
90%	58.4	56.2	50.8	45.7	46.6	49.7	53.1	56.9	60.0	62.8	60.6	61.9

Table 5A-D1.5.5-B. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	62.0	57.6	53.6	48.2	48.6	52.6	57.7	61.3	64.0	65.8	64.2	64.8
Wet Water Years	59.4	57.0	54.4	47.3	47.2	50.9	54.7	58.0	61.5	63.8	62.1	62.7
Above Normal Water Years	60.9	57.4	53.9	48.6	48.3	52.1	56.8	59.5	62.1	64.3	62.5	63.4
Below Normal Water Years	62.0	57.5	53.4	48.5	48.6	52.5	58.5	61.4	63.9	65.3	64.0	64.8
Dry Water Years	64.5	58.0	53.3	48.9	49.7	53.9	60.1	63.7	65.9	67.1	65.9	66.5
Critical Water Years	65.9	58.5	52.3	48.9	50.5	55.4	61.1	66.7	68.9	70.6	68.7	68.7

Table 5A-D1.5.5-C. American River at William Pond Park, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	-0.2	0.0	0.0	0.3	-0.1	-0.1	-0.5	0.1	-0.2	0.1
20%	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.1	-0.3	0.0	-0.2	0.0
30%	0.0	0.0	0.1	0.0	0.0	-0.1	-0.2	0.0	-0.3	0.0	0.0	0.0
40%	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	0.1	0.0
50%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	0.0
60%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0
70%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.2	0.0
80%	0.0	-0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.1
90%	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0

Table 5A-D1.5.5-D. American River at William Pond Park, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Above Normal Water Years	-0.2	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	-0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.3	0.0	-0.1	-0.1	0.1

Table 5A-D1.5.5-E. American River at William Pond Park, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	-0.3%	-0.1%	0.0%	0.5%	-0.2%	-0.2%	-0.7%	0.2%	-0.2%	0.1%
20%	0.0%	0.0%	-0.1%	0.2%	0.0%	0.3%	0.0%	0.2%	-0.4%	0.1%	-0.3%	0.0%
30%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.2%	-0.3%	0.0%	-0.4%	-0.1%	-0.1%	0.0%
40%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.2%	0.0%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.2%	0.0%
60%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	-0.1%
70%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.4%	0.1%	0.3%	0.0%
80%	-0.1%	-0.1%	0.1%	0.2%	0.0%	0.0%	-0.2%	0.0%	0.0%	-0.2%	-0.1%	0.1%
90%	0.0%	0.0%	0.0%	-0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%

Table 5A-D1.5.5-F. American River at William Pond Park, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	-0.2%	0.0%	-0.4%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.3%	0.0%
Below Normal Water Years	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.3%	0.0%	0.1%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.1%	0.0%	-0.1%
Critical Water Years	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.5%	0.0%	-0.2%	-0.1%	0.2%

Figure 5A-D1.5.1. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

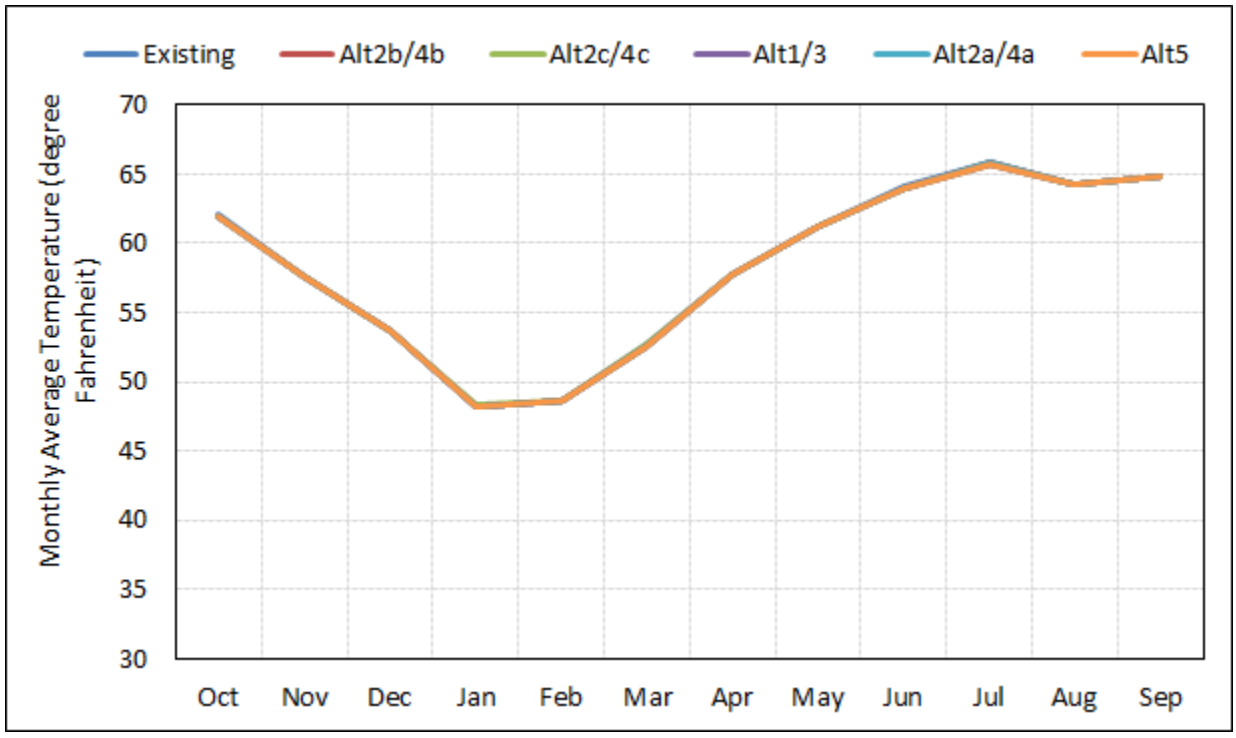


Figure 5A-D1.5.2. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

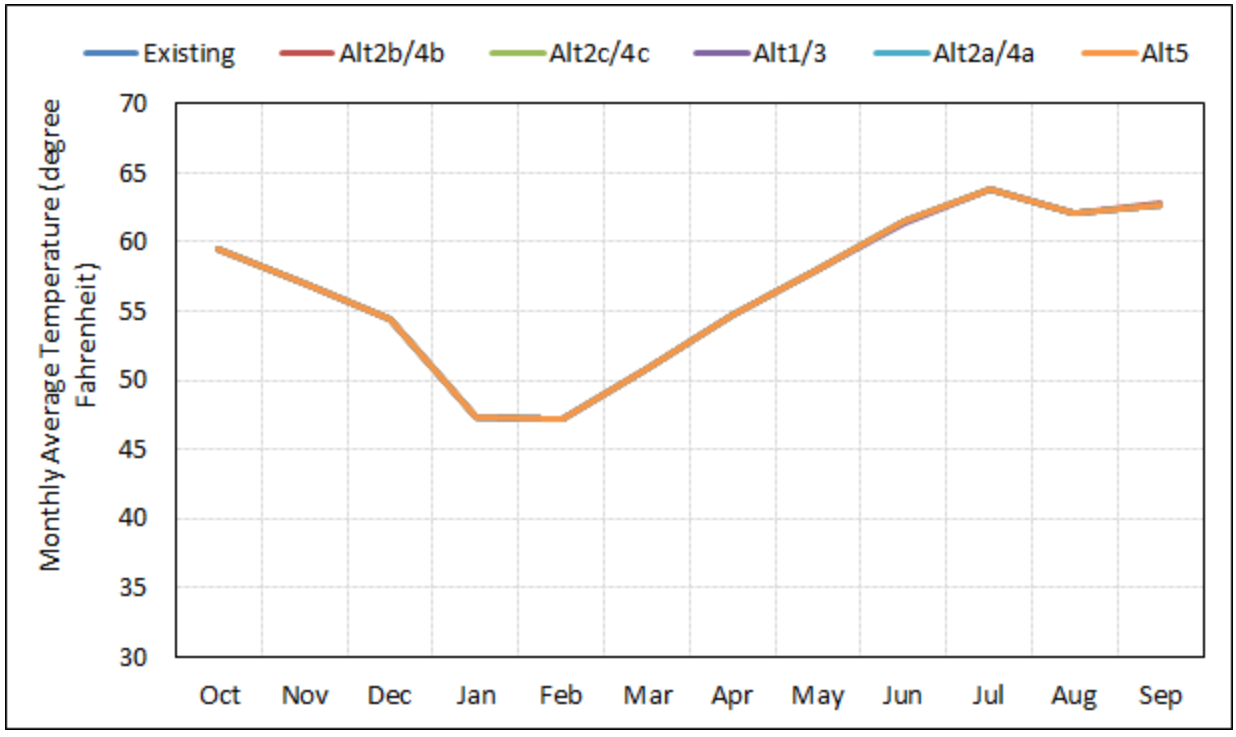


Figure 5A-D1.5.3. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

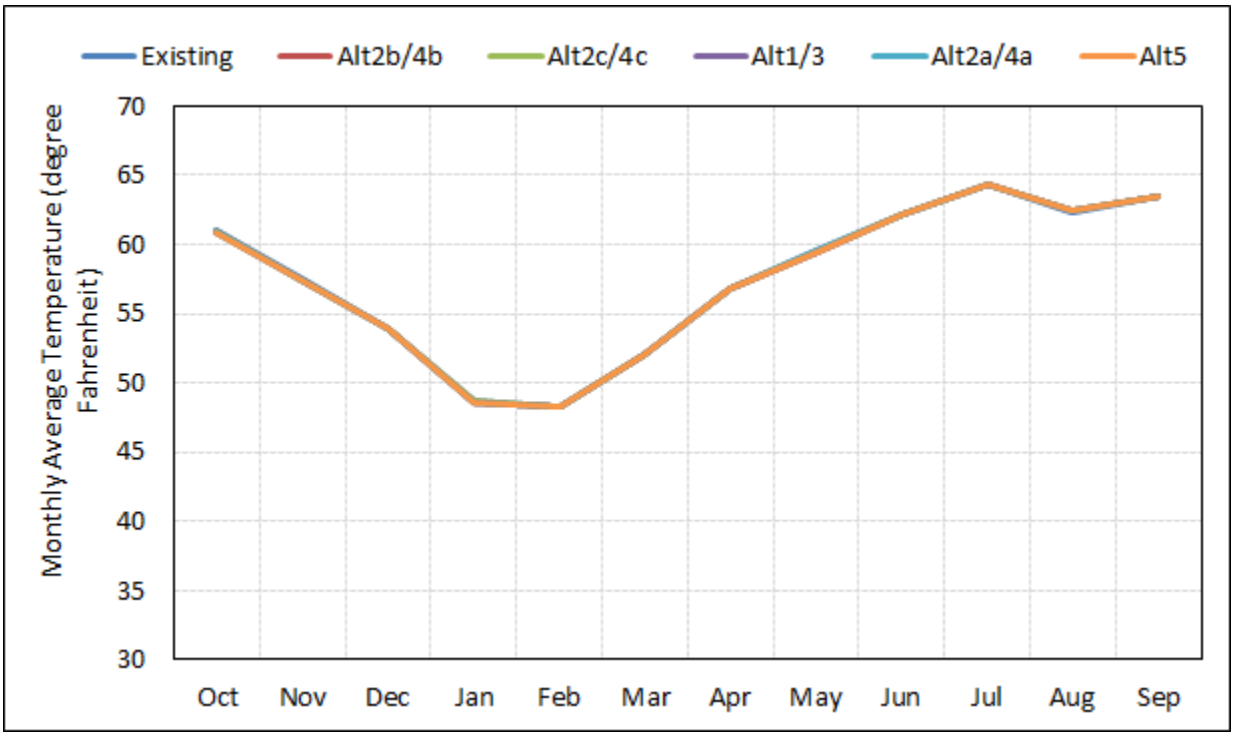


Figure 5A-D1.5.4. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

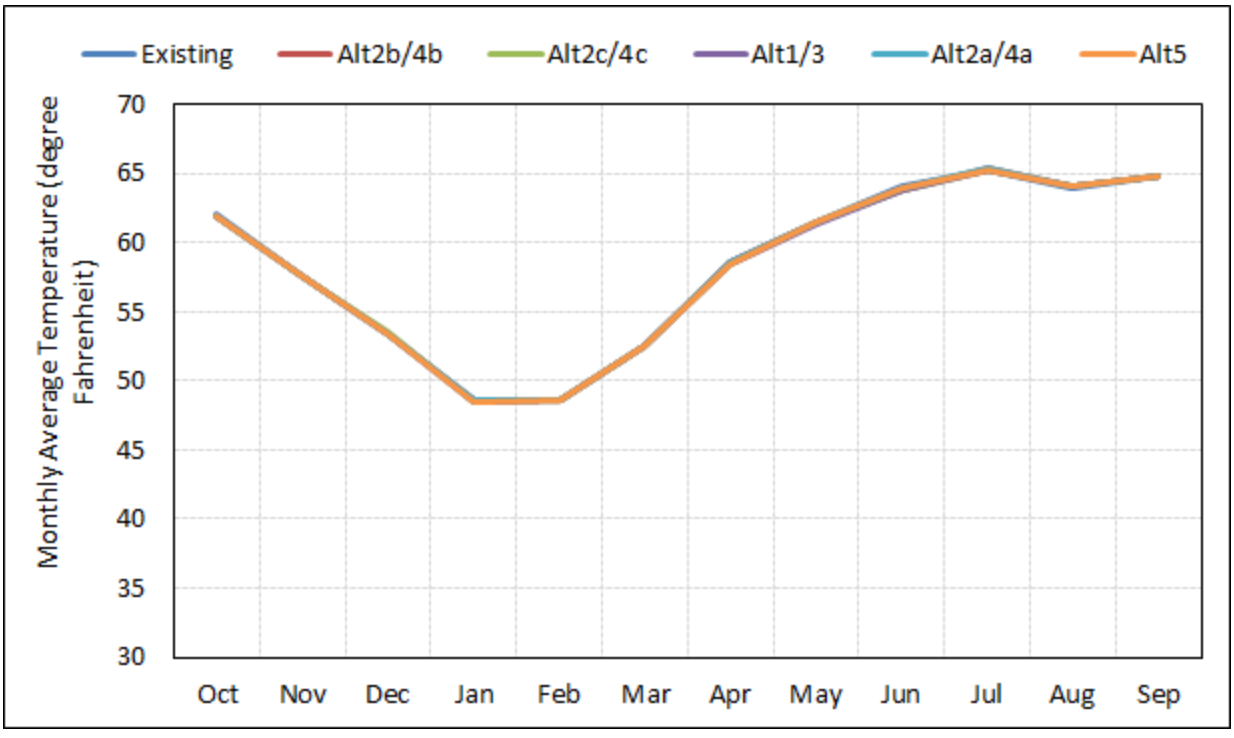


Figure 5A-D1.5.5. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

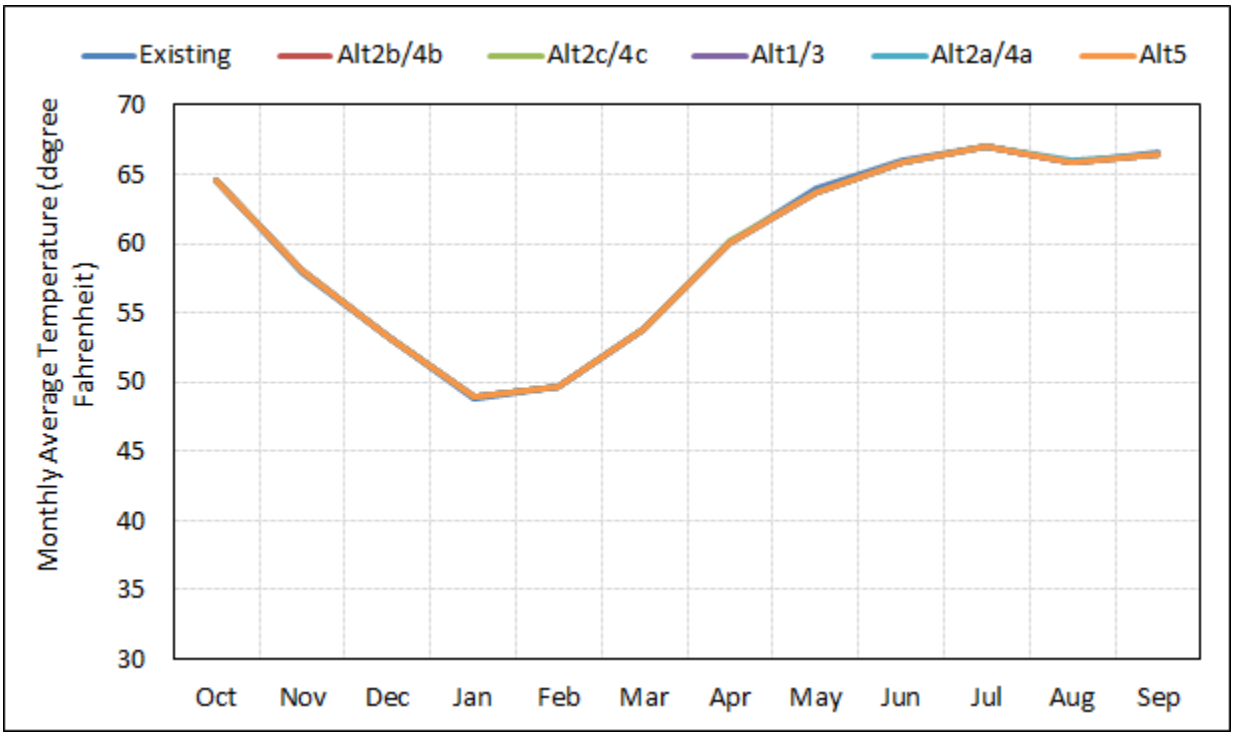


Figure 5A-D1.5.6. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

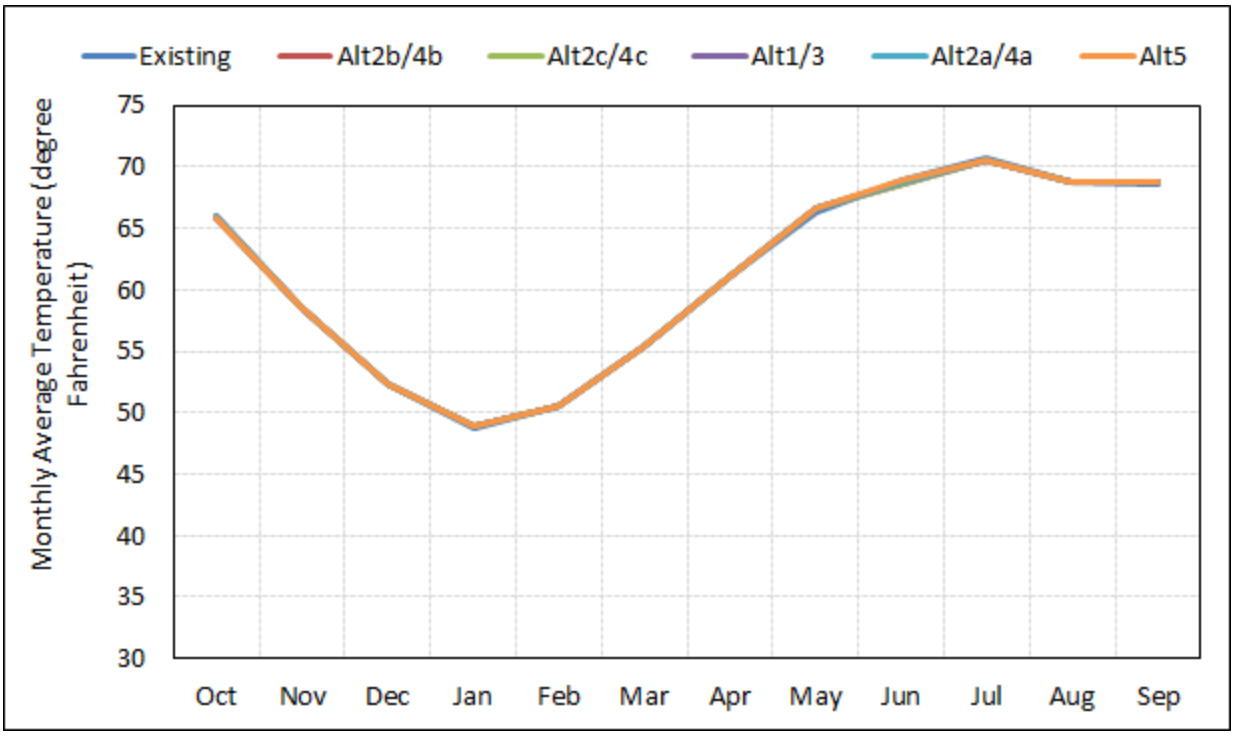


Figure 5A-D1.5.7. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

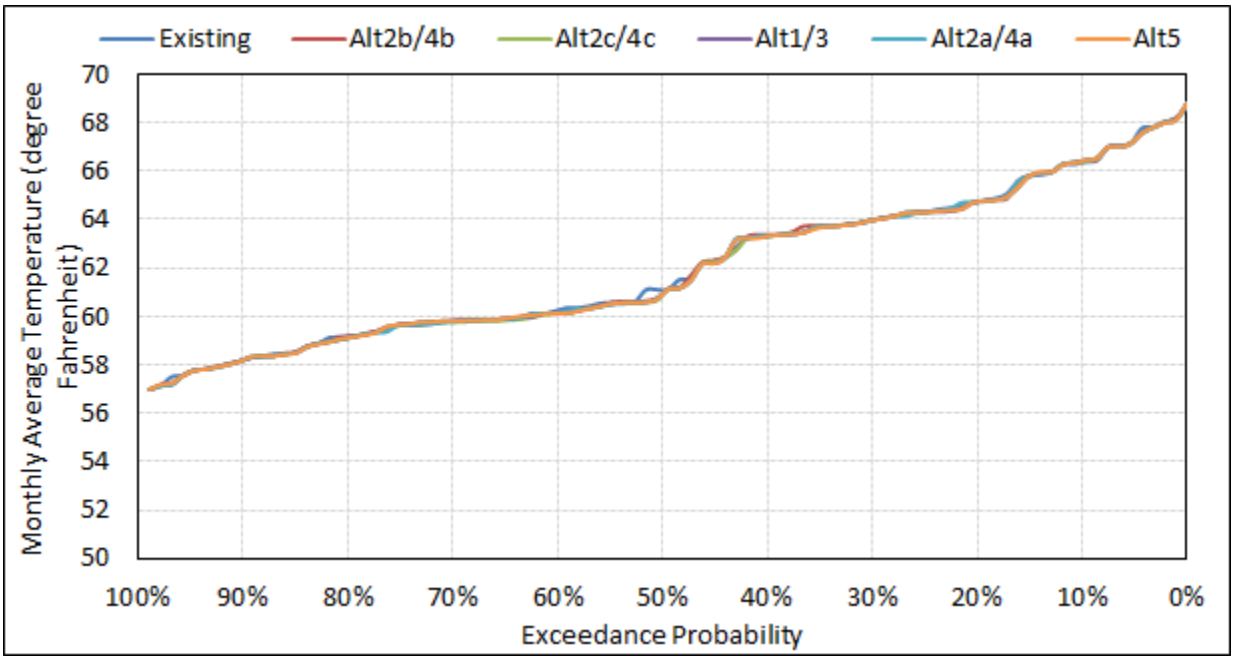


Figure 5A-D1.5.8. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

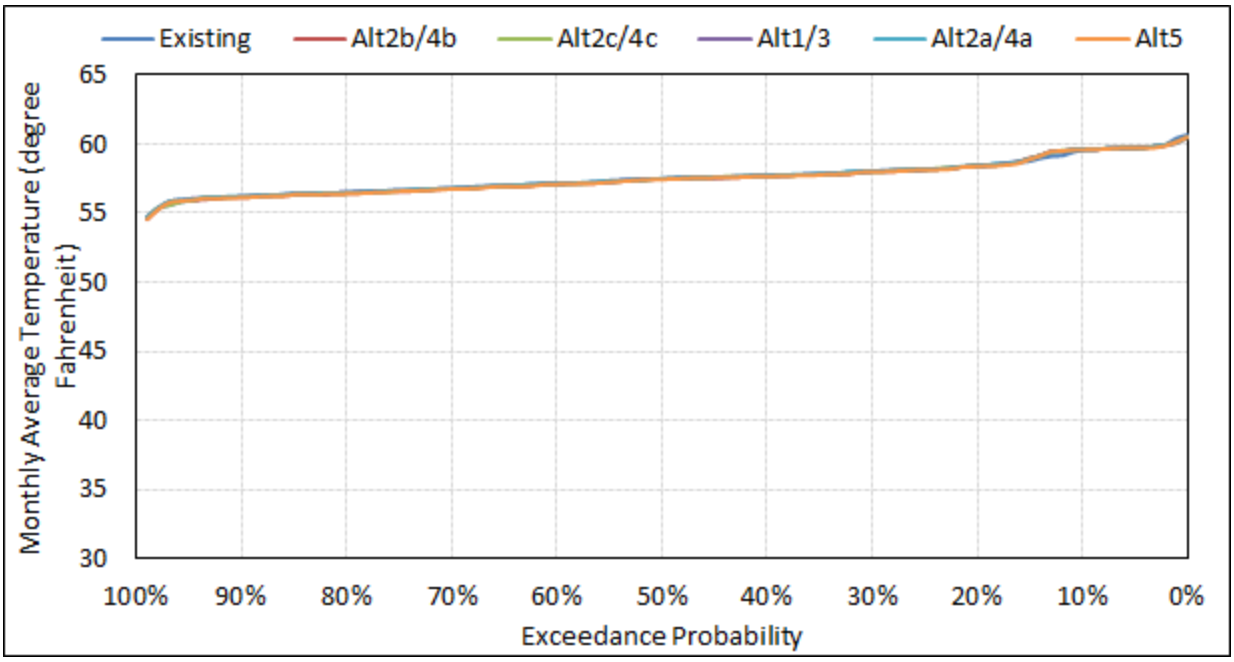


Figure 5A-D1.5.9. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

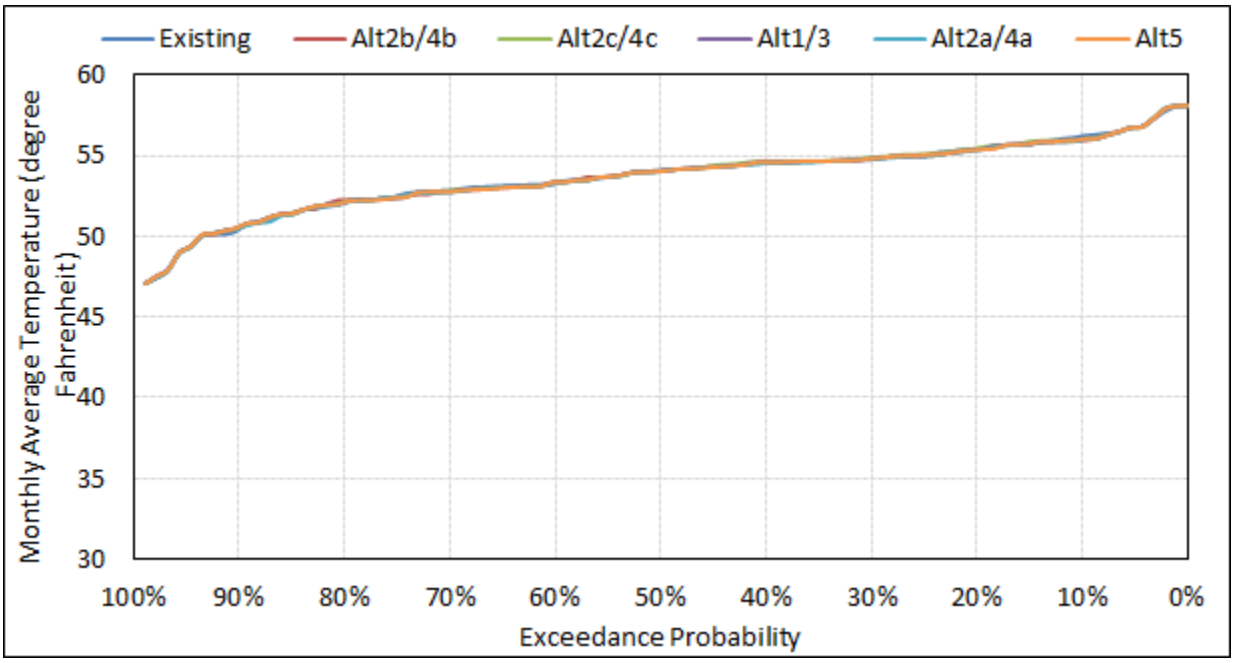


Figure 5A-D1.5.10. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

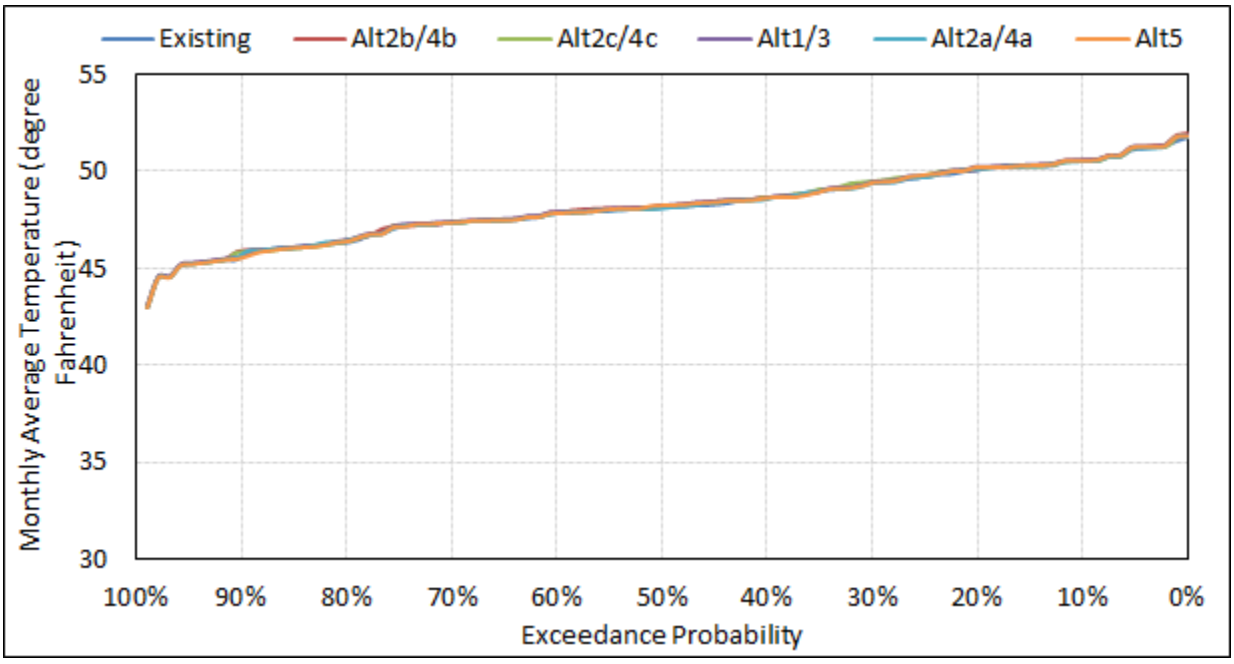


Figure 5A-D1.5.11. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

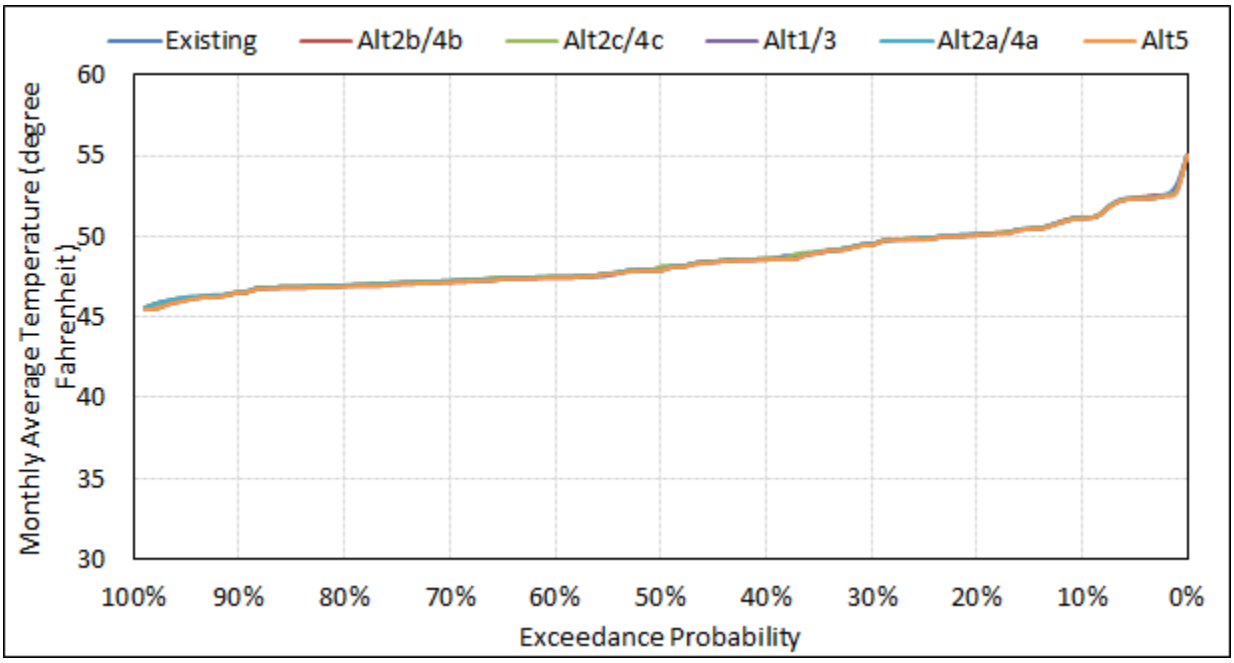


Figure 5A-D1.5.12. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

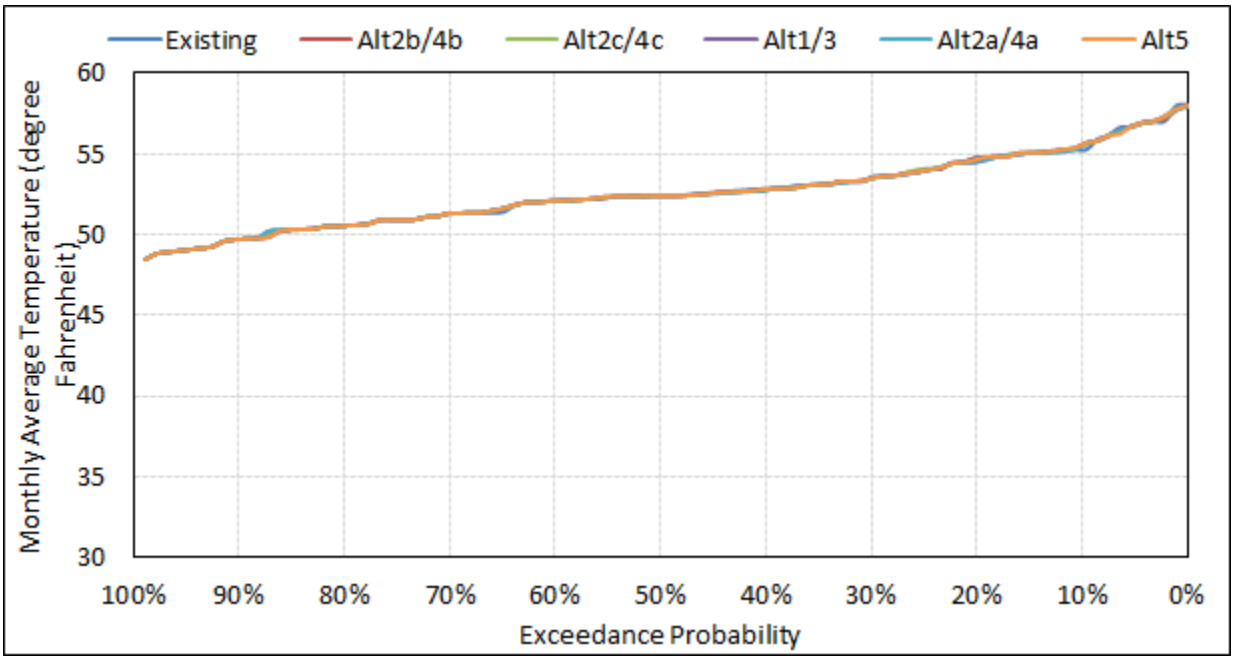


Figure 5A-D1.5.13. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

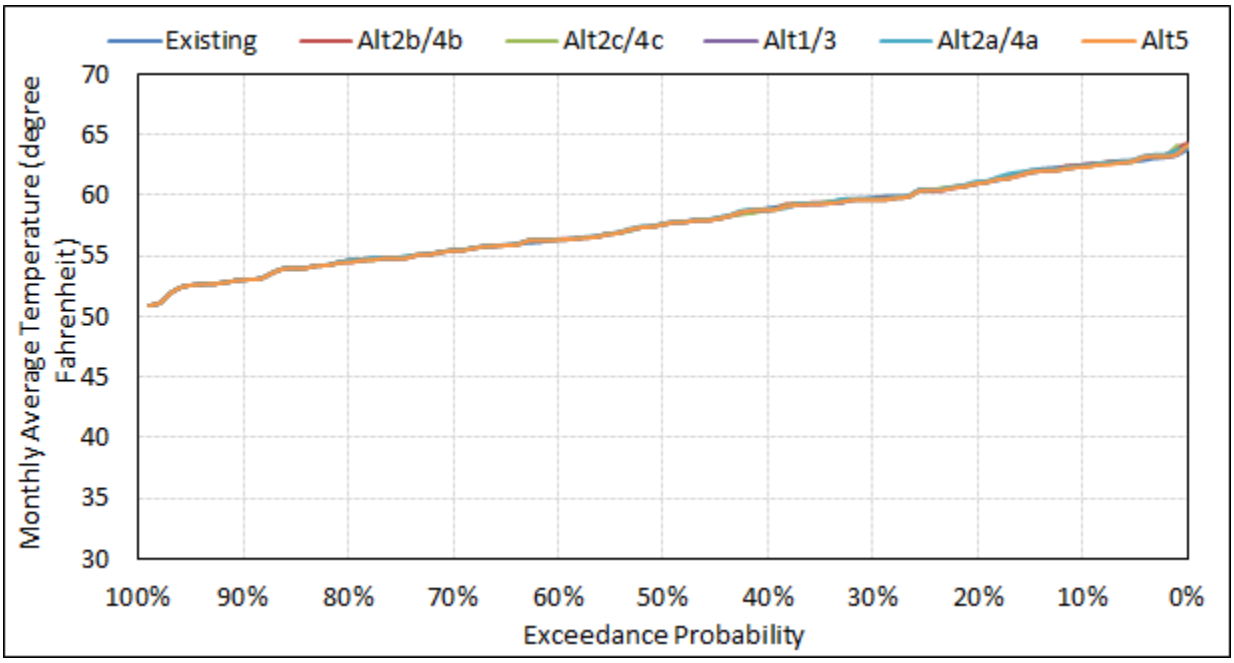


Figure 5A-D1.5.14. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

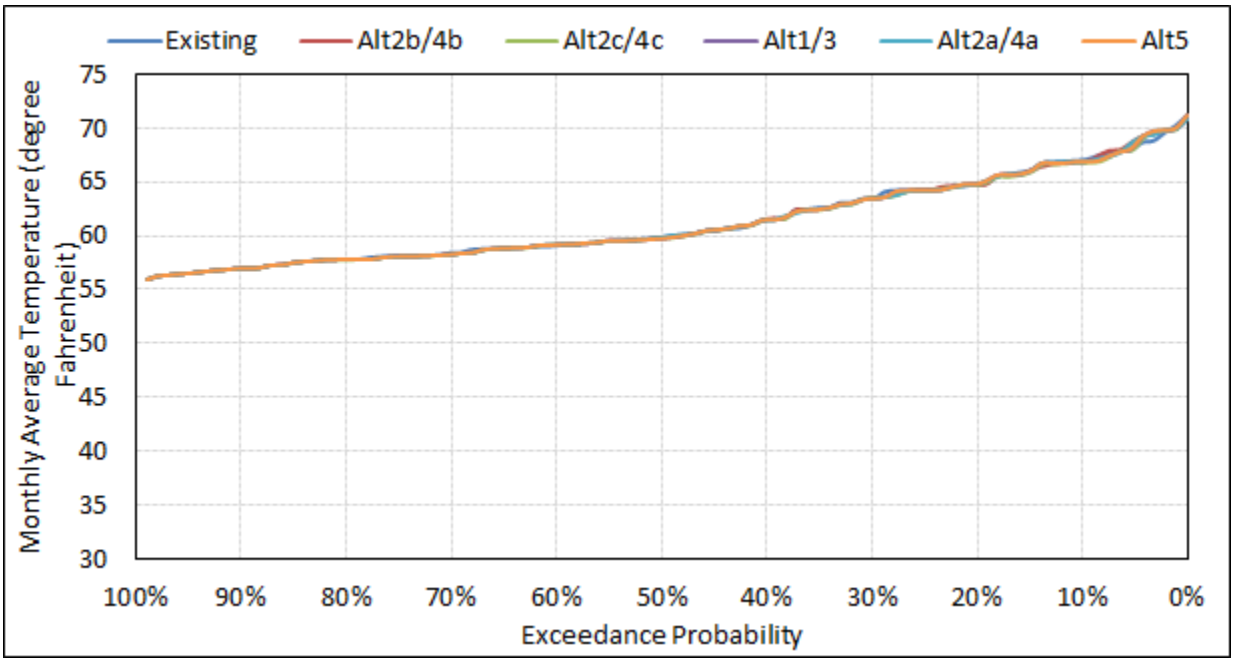


Figure 5A-D1.5.15. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

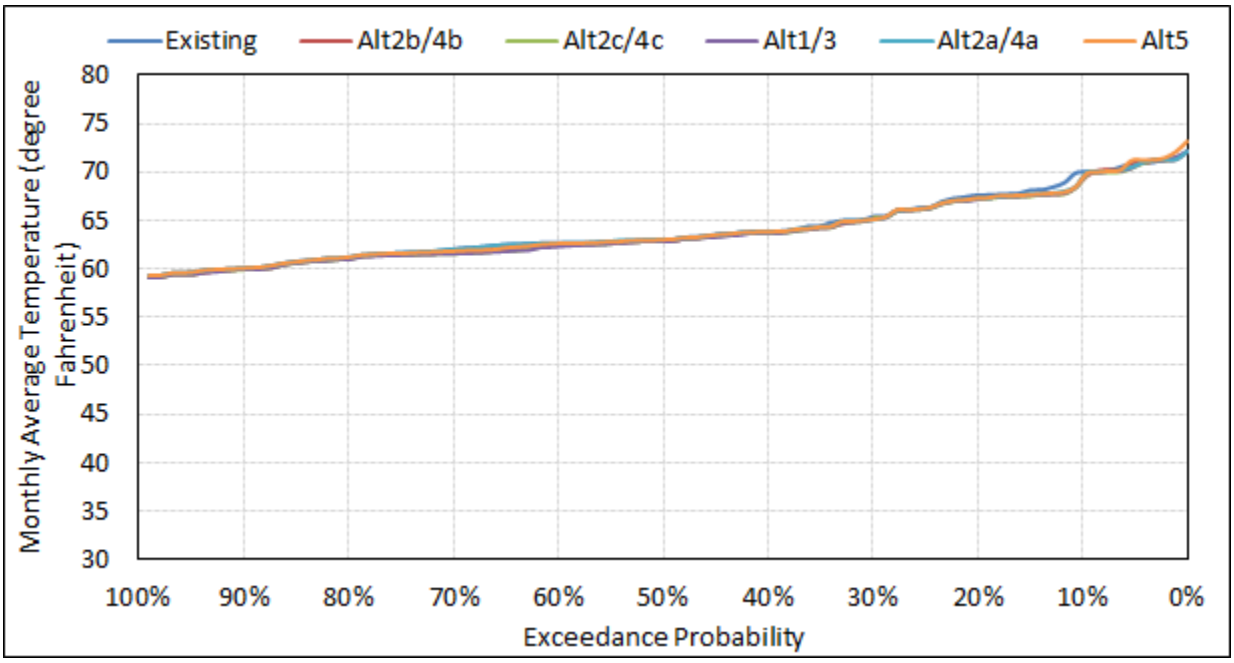


Figure 5A-D1.5.16. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

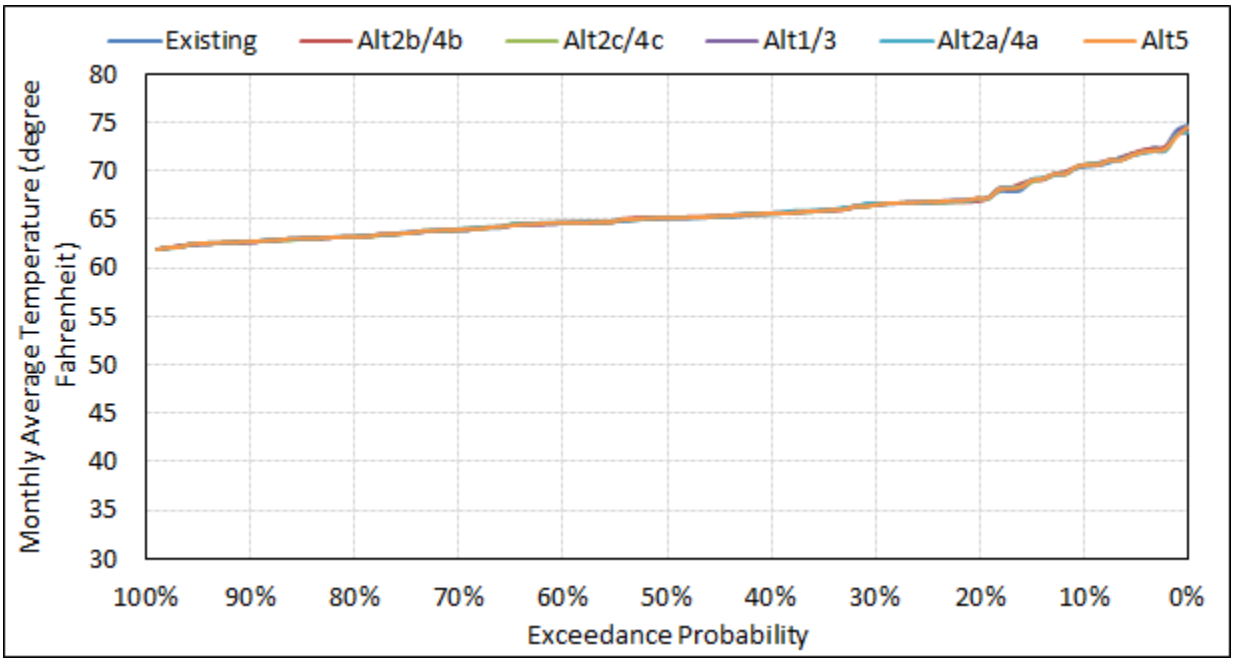


Figure 5A-D1.5.17. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

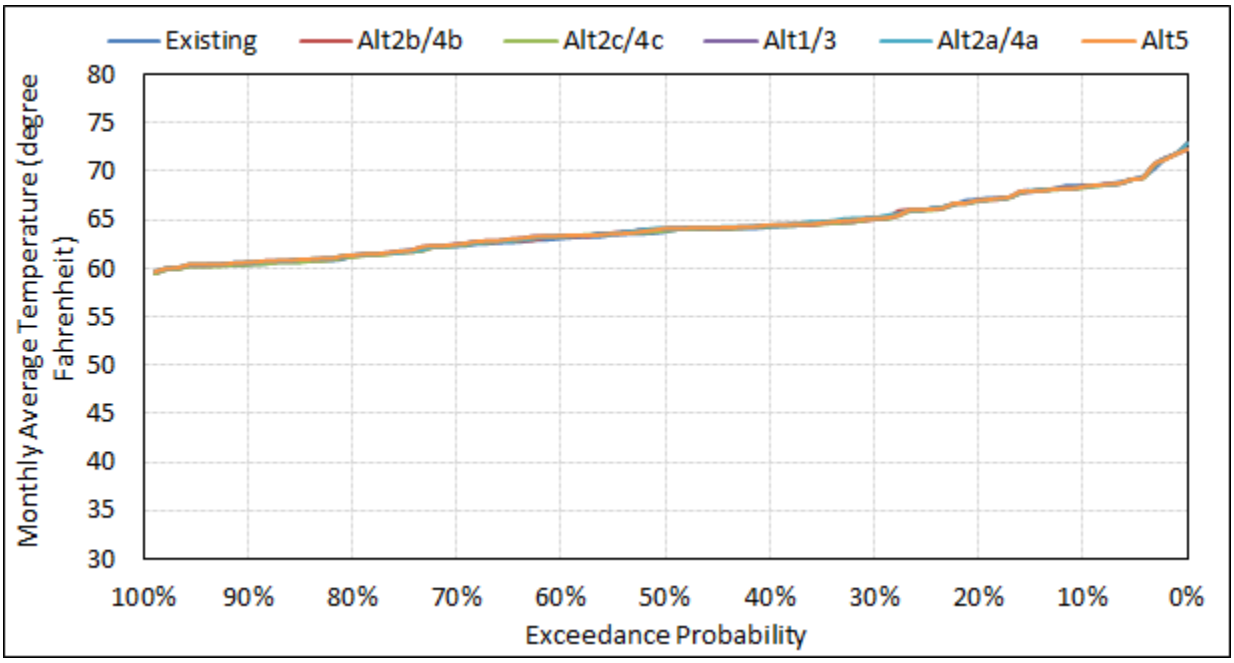


Figure 5A-D1.5.18. American River at William Pond Park, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

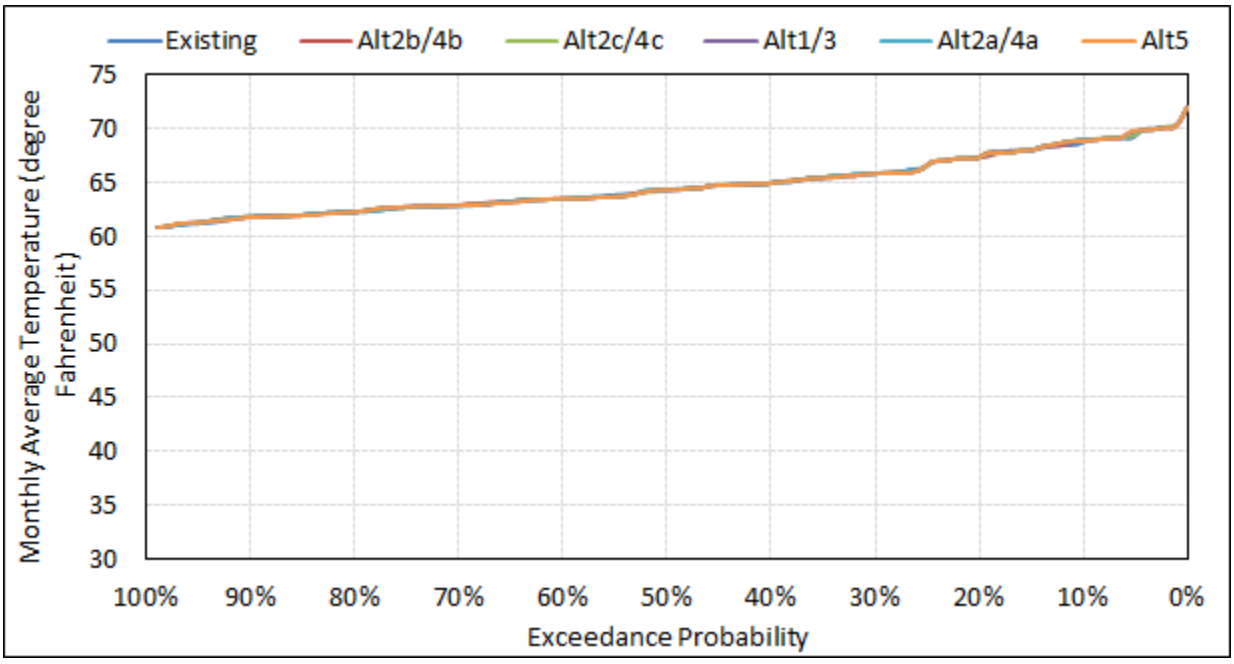
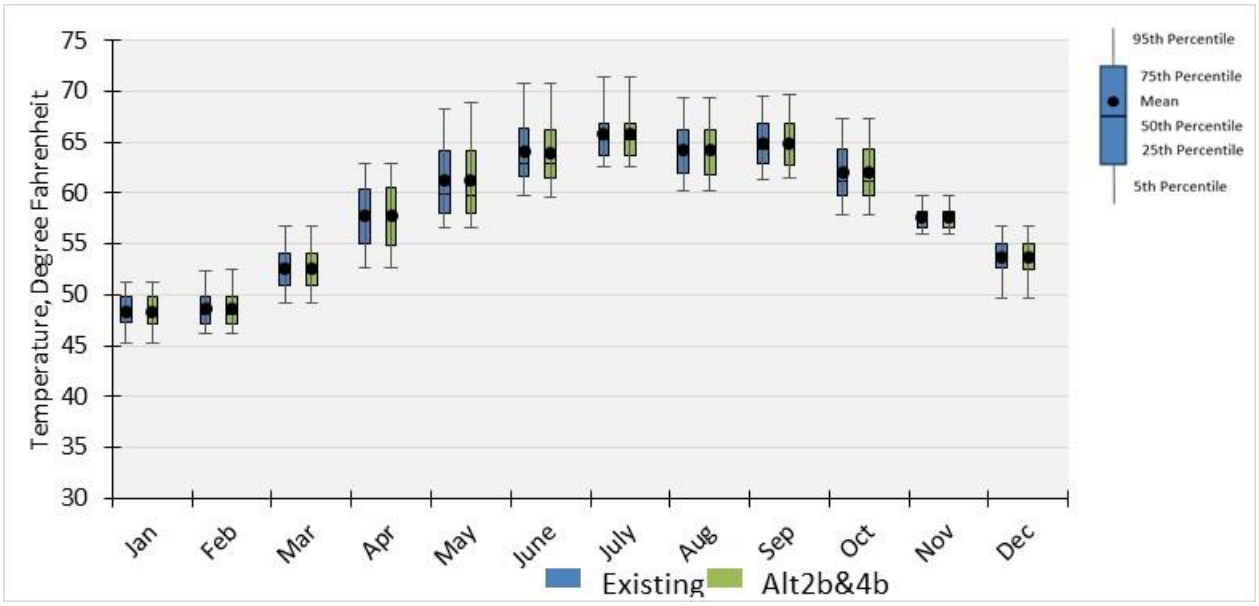


Figure 5A-D1.5.19. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



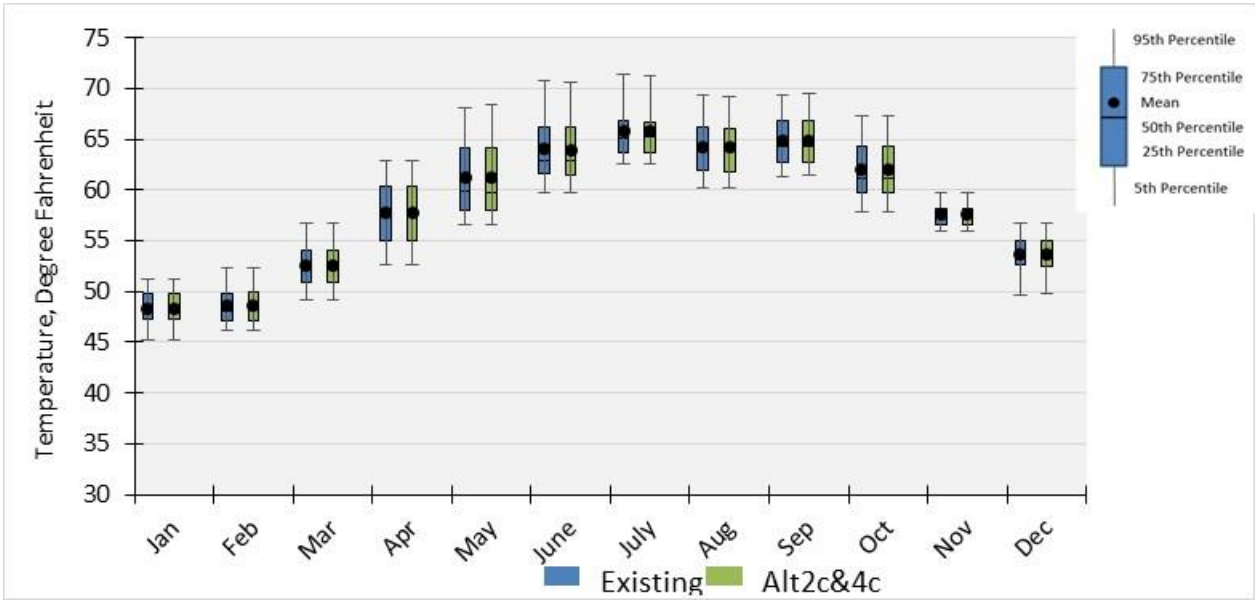
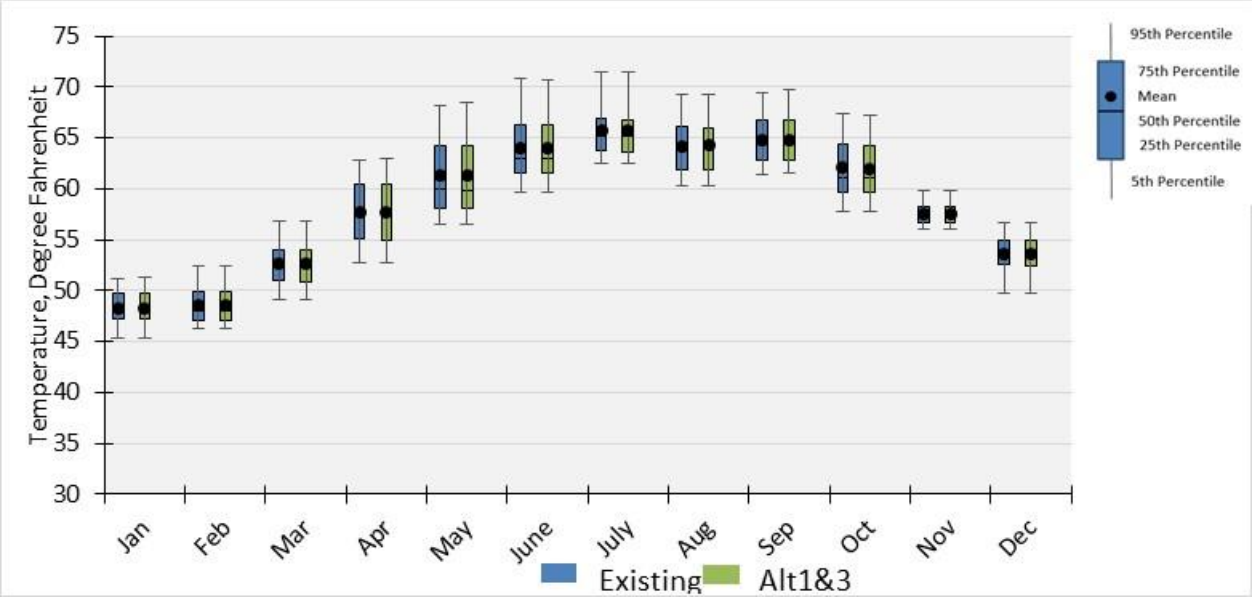


Figure 5A-D1.5.20. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



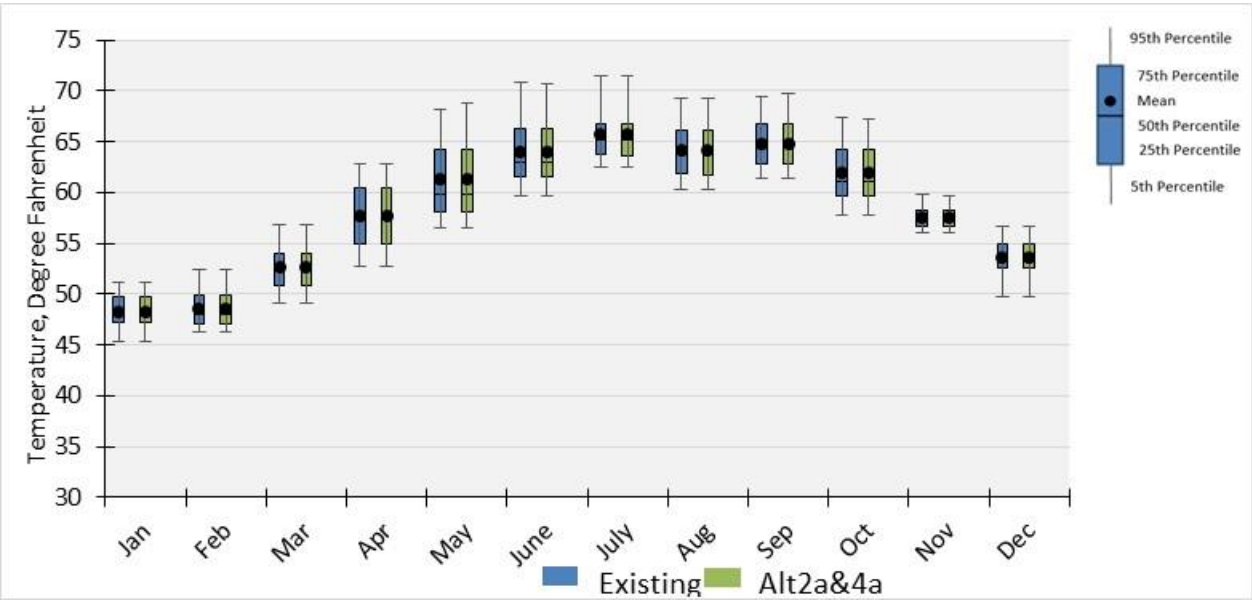


Figure 5A-D1.5.21. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

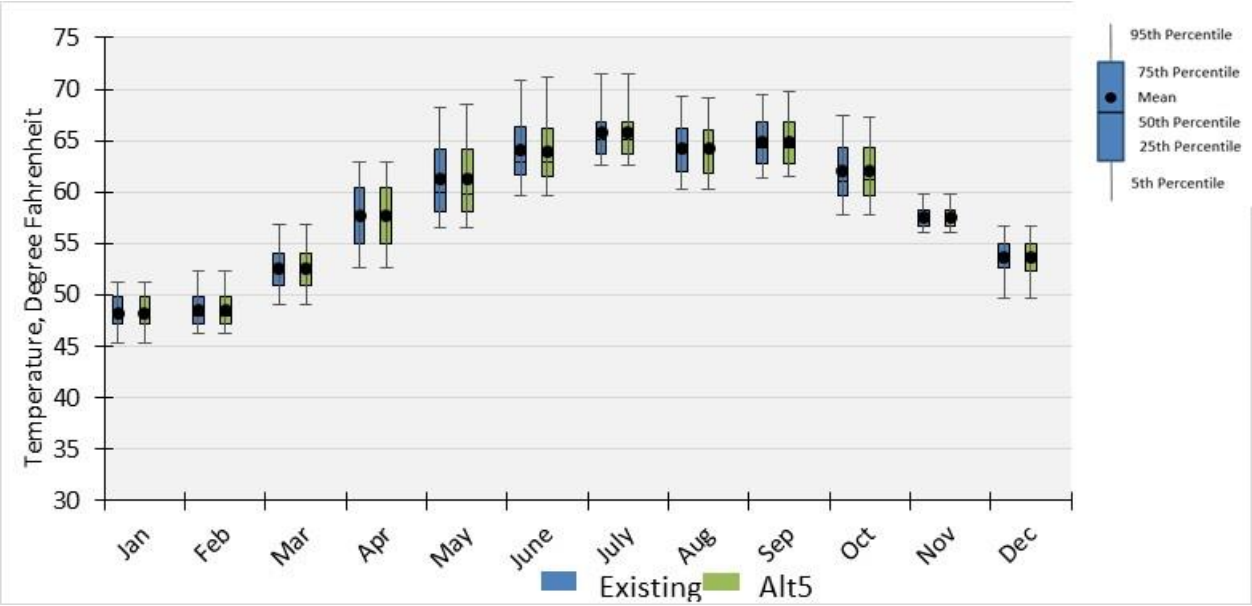
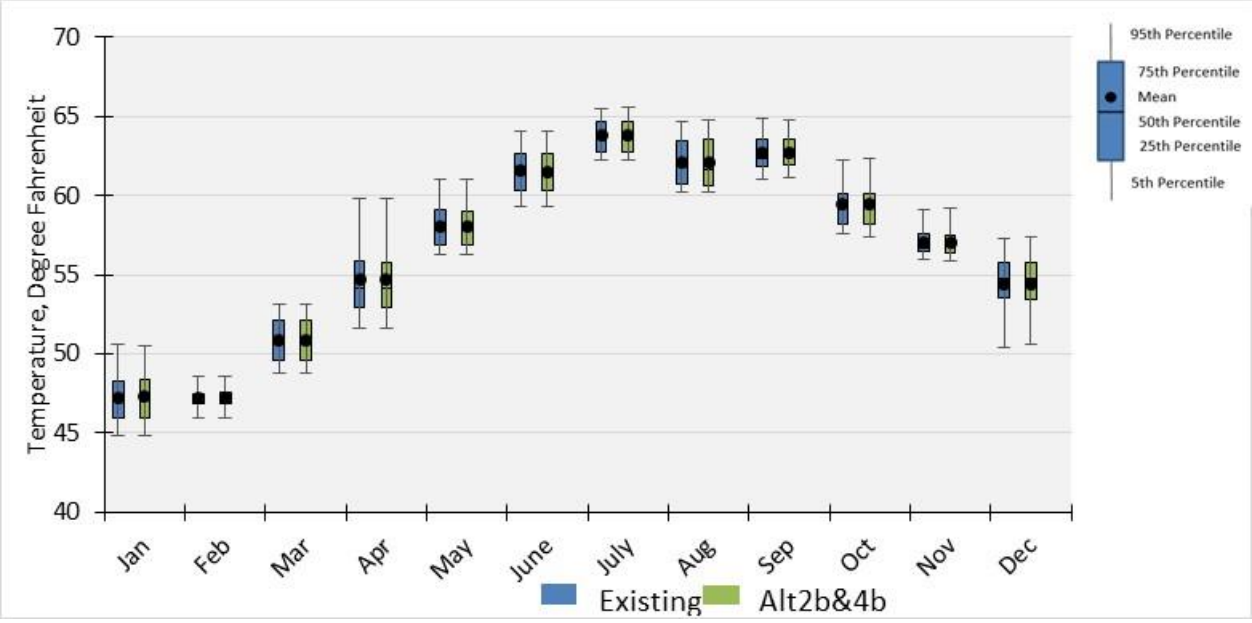


Figure 5A-D1.5.22. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



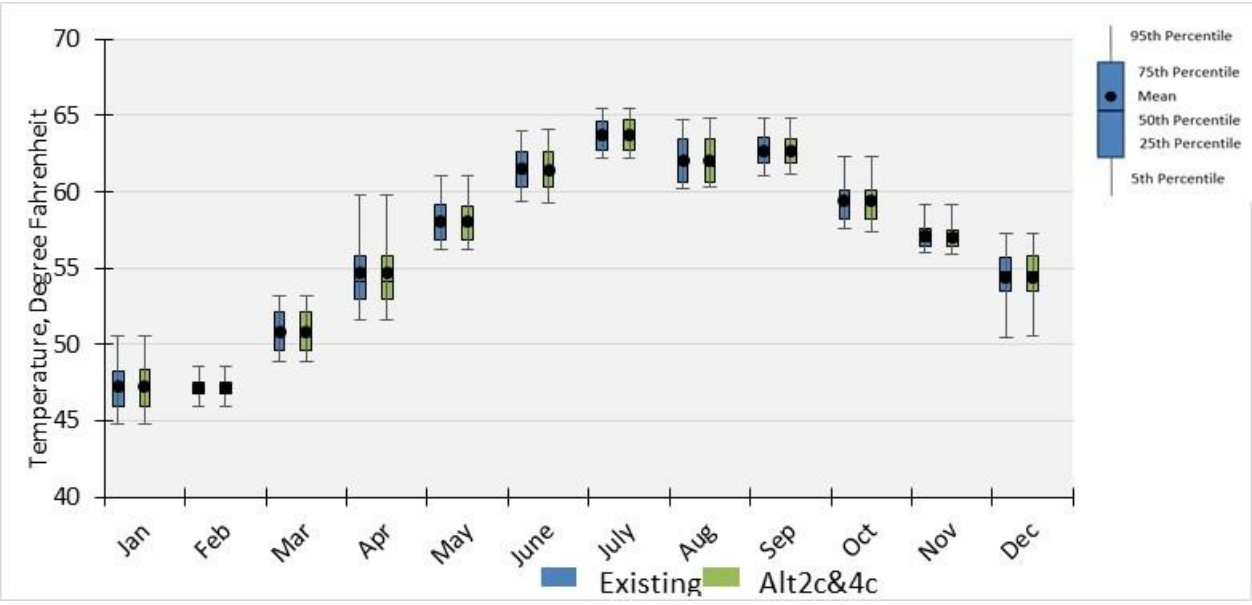
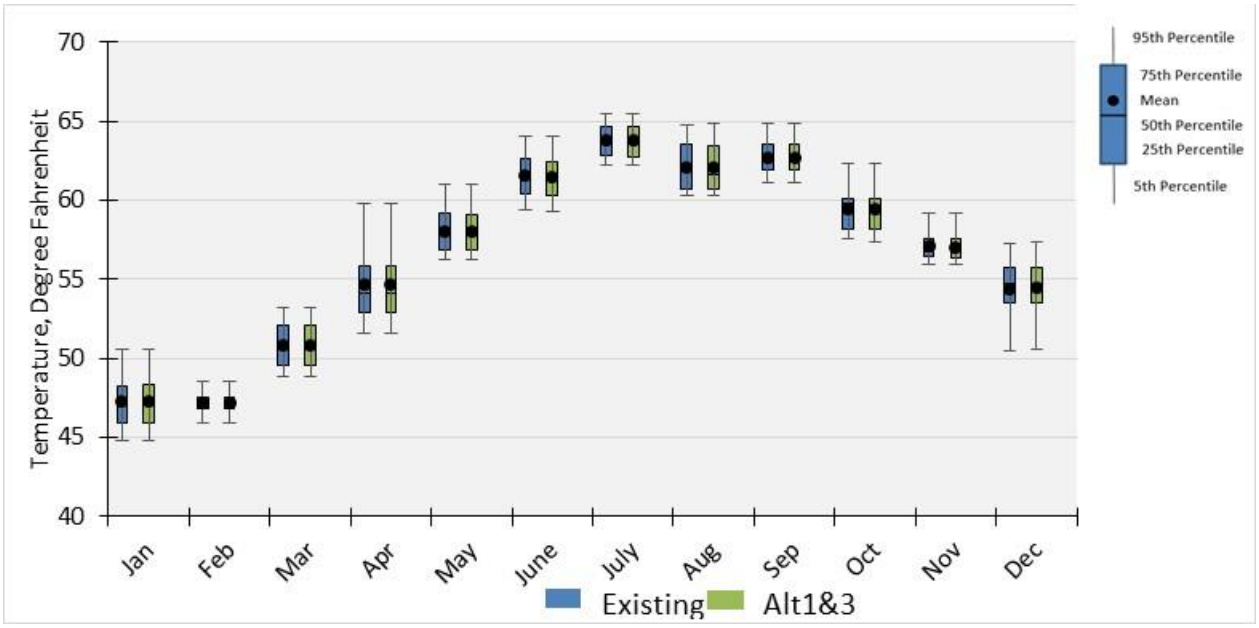


Figure 5A-D1.5.23. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



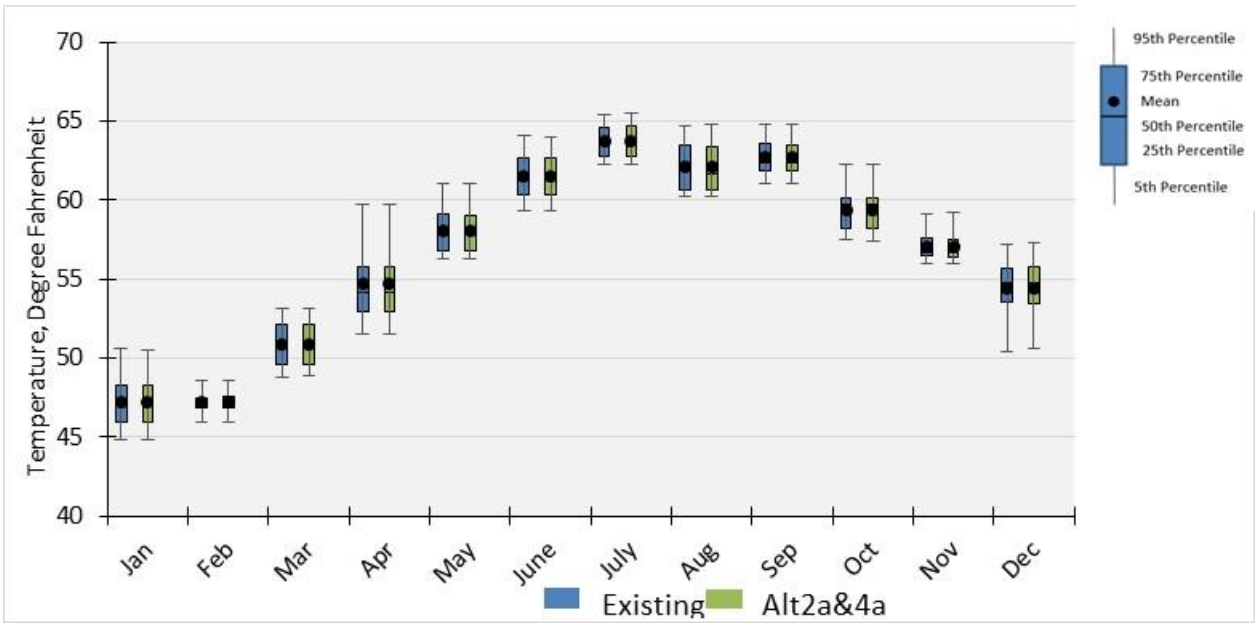


Figure 5A-D1.5.24. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

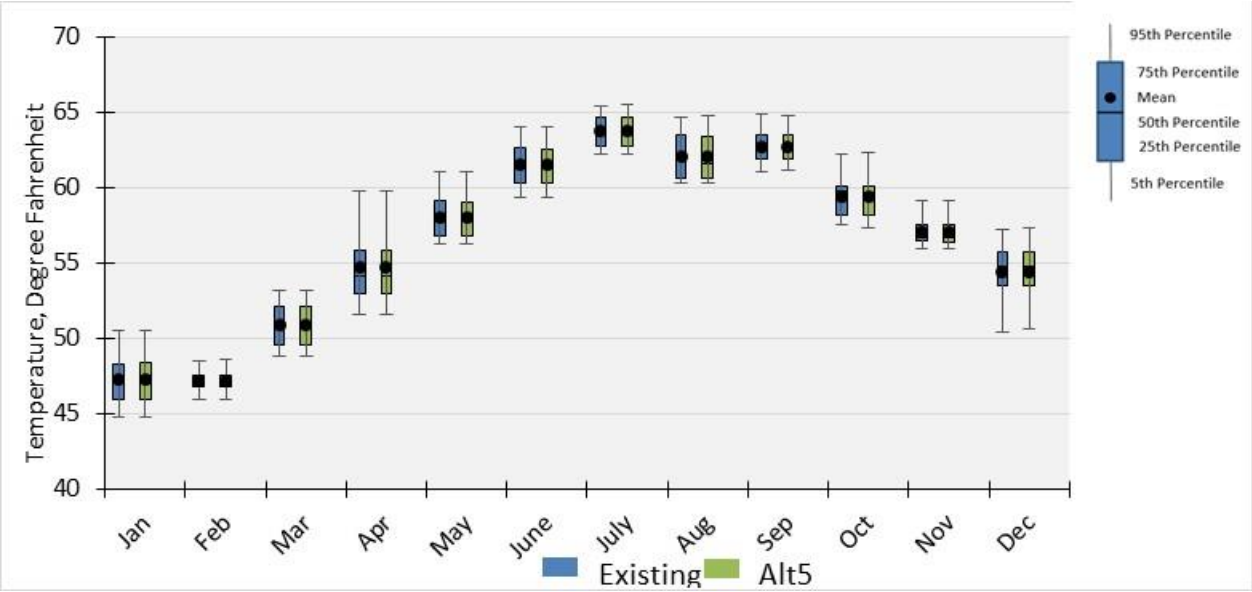
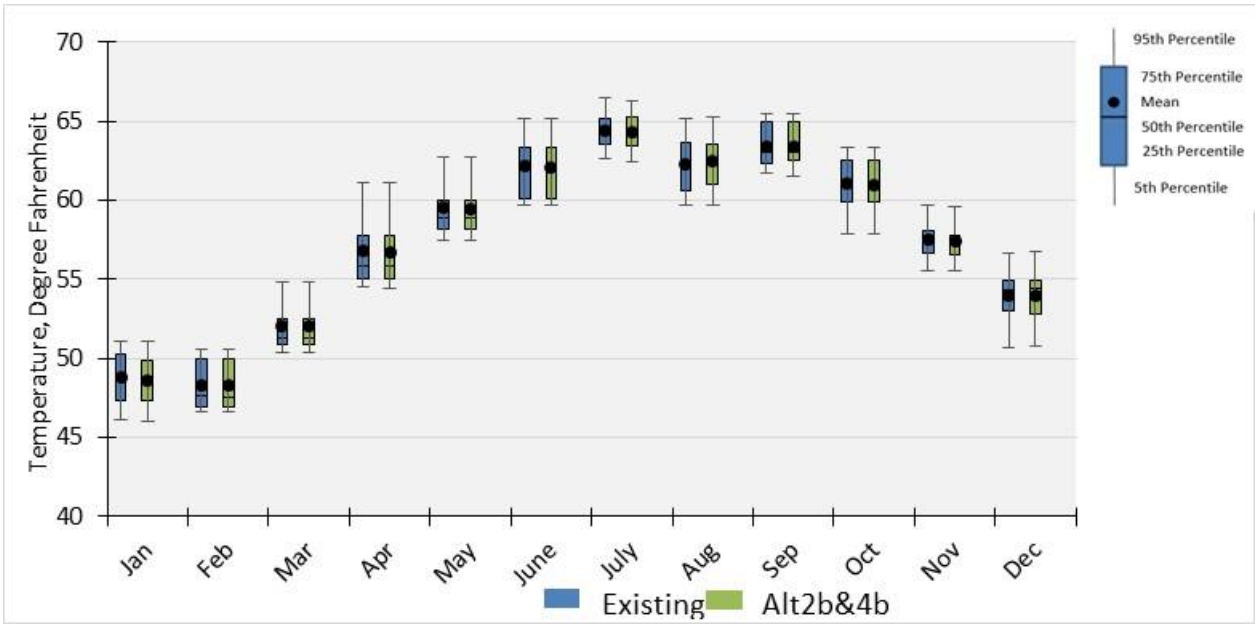


Figure 5A-D1.5.25. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



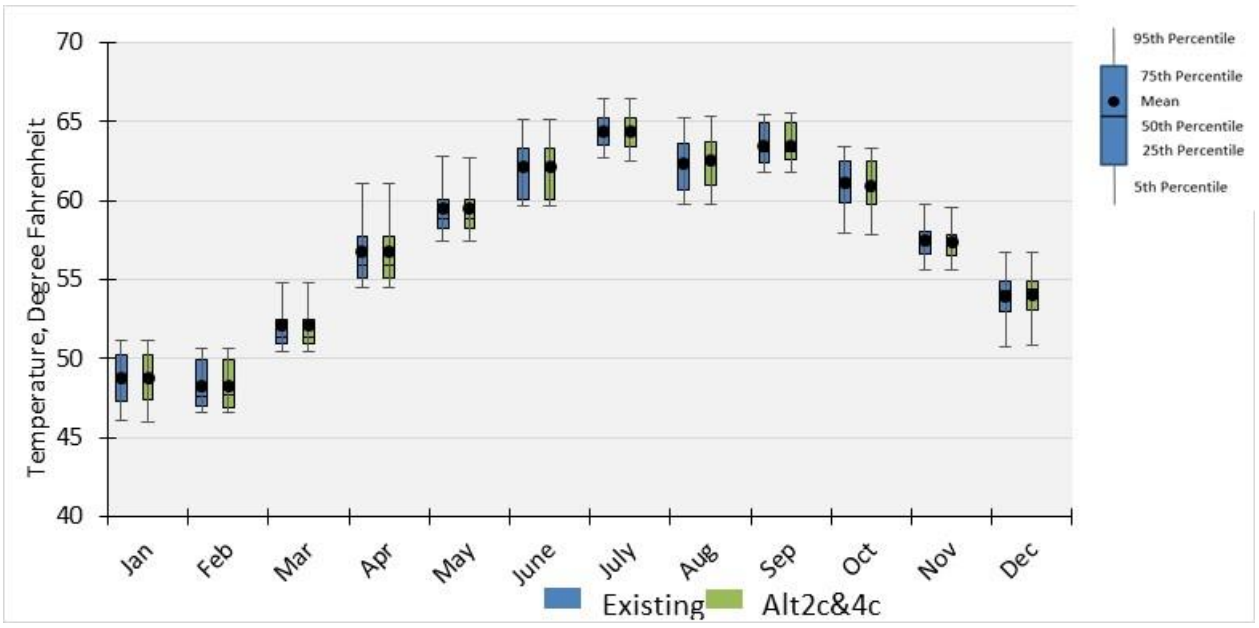
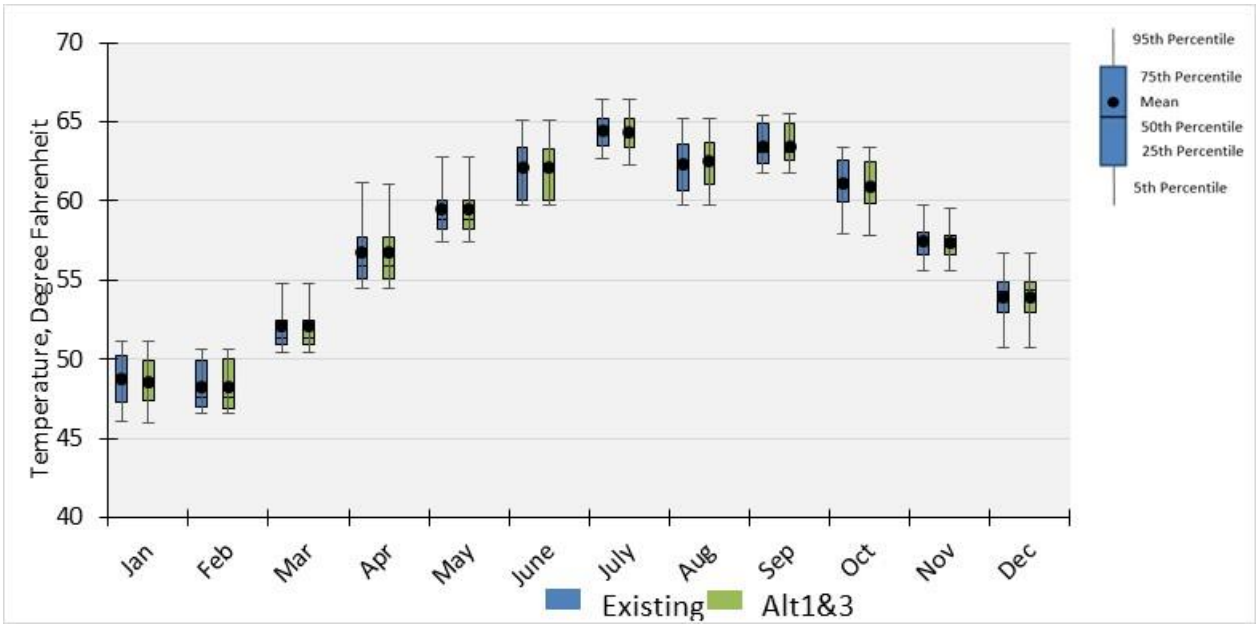


Figure 5A-D1.5.26. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



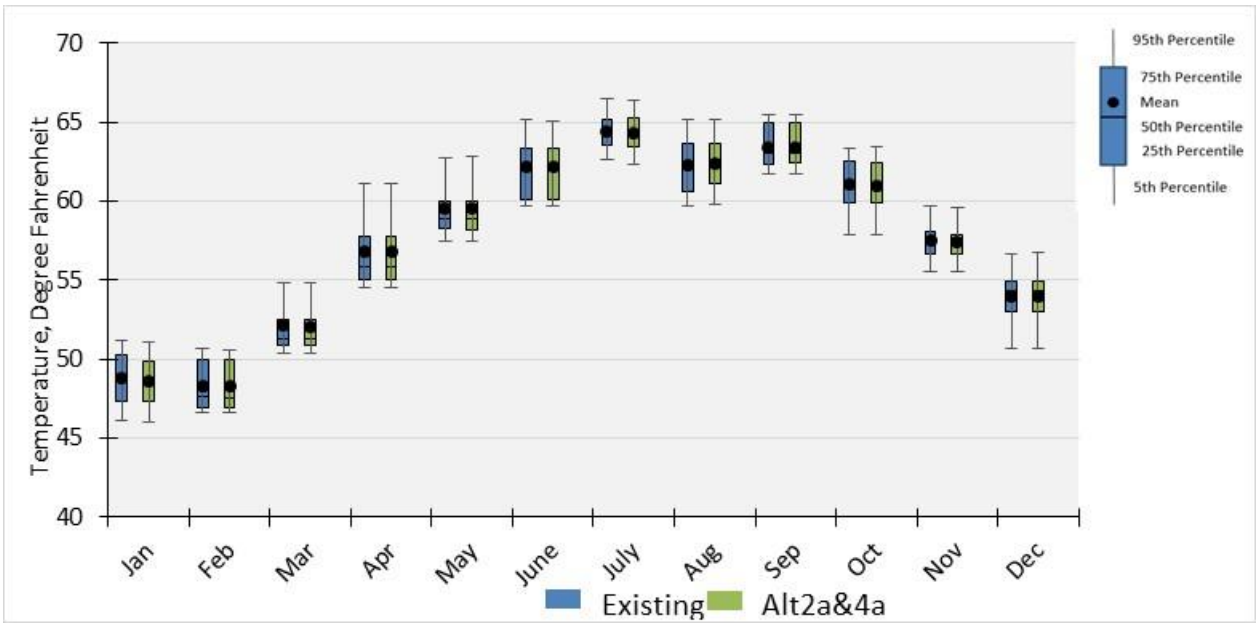


Figure 5A-D1.5.27. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

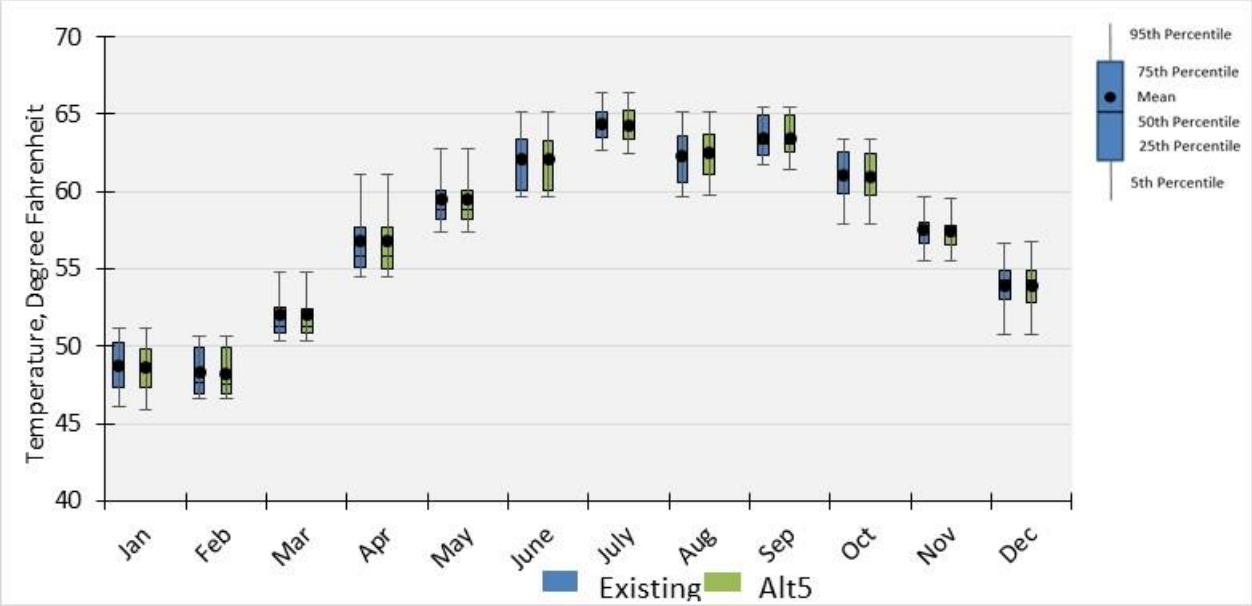
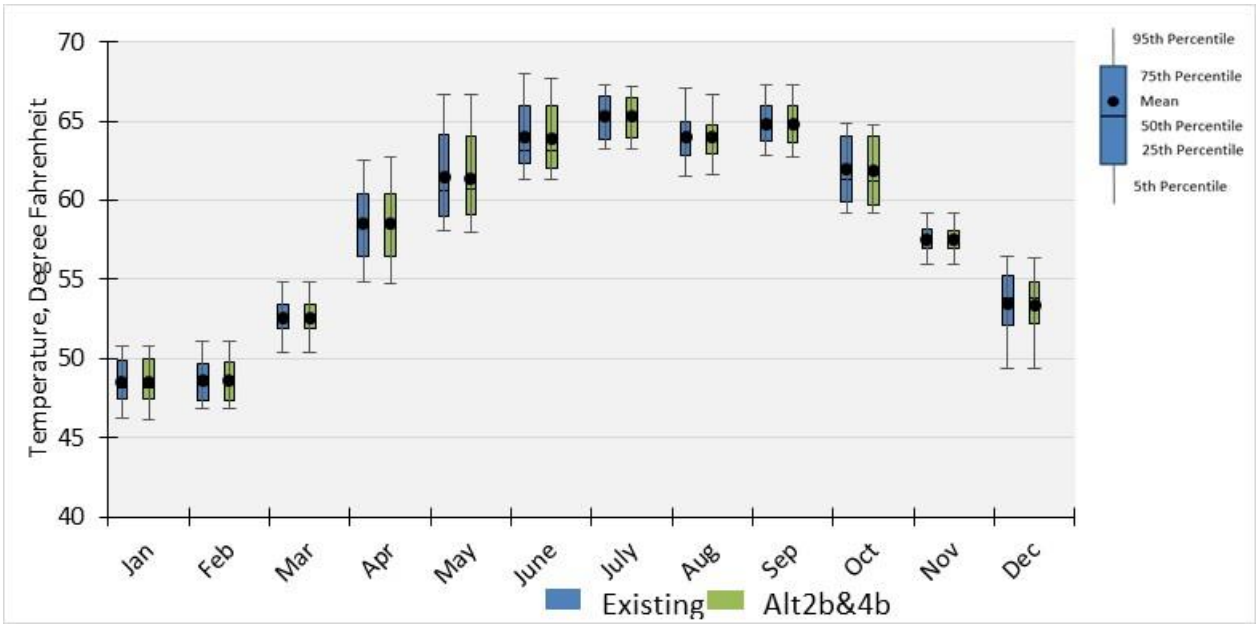


Figure 5A-D1.5.28. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



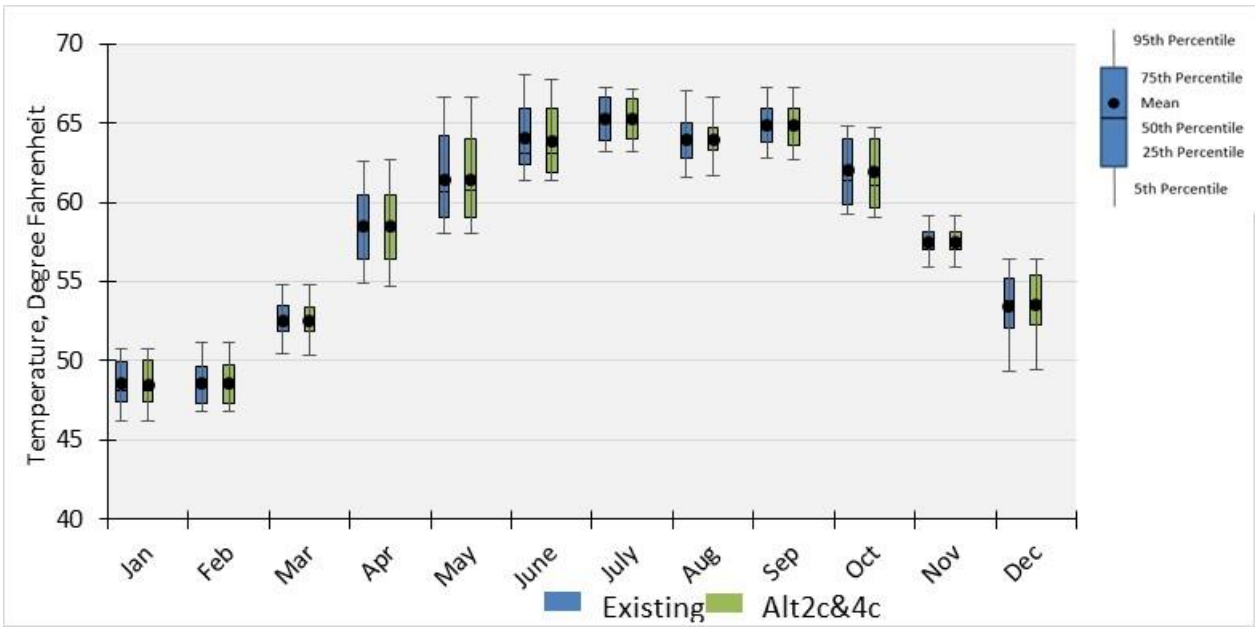
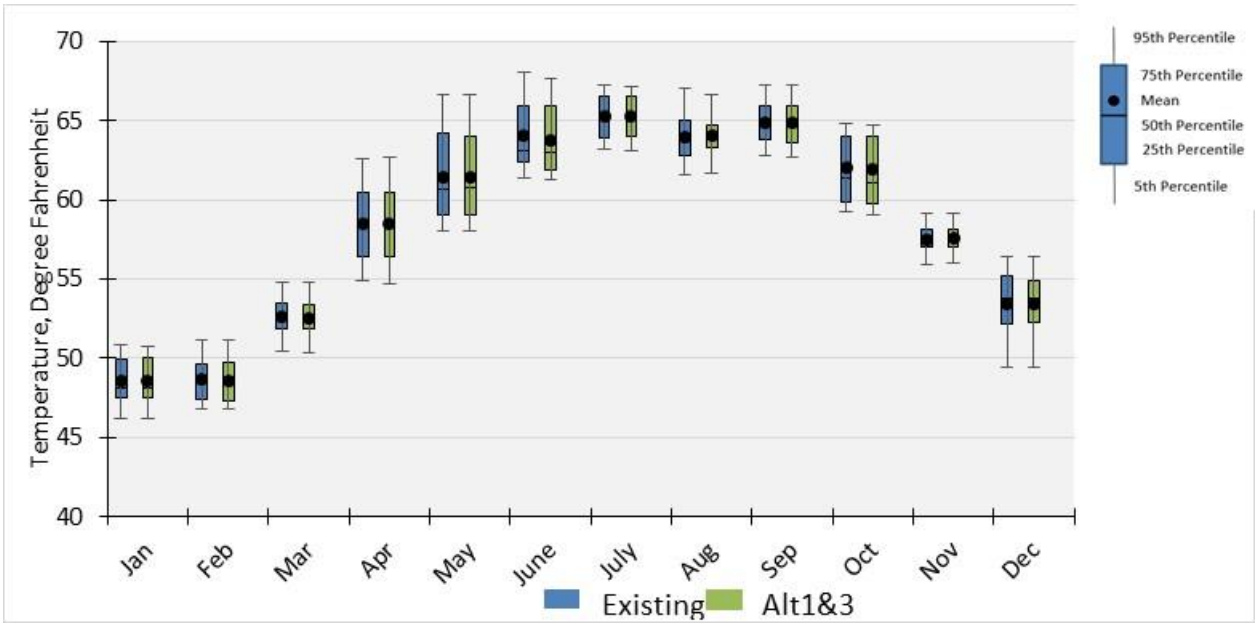


Figure 5A-D1.5.29. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



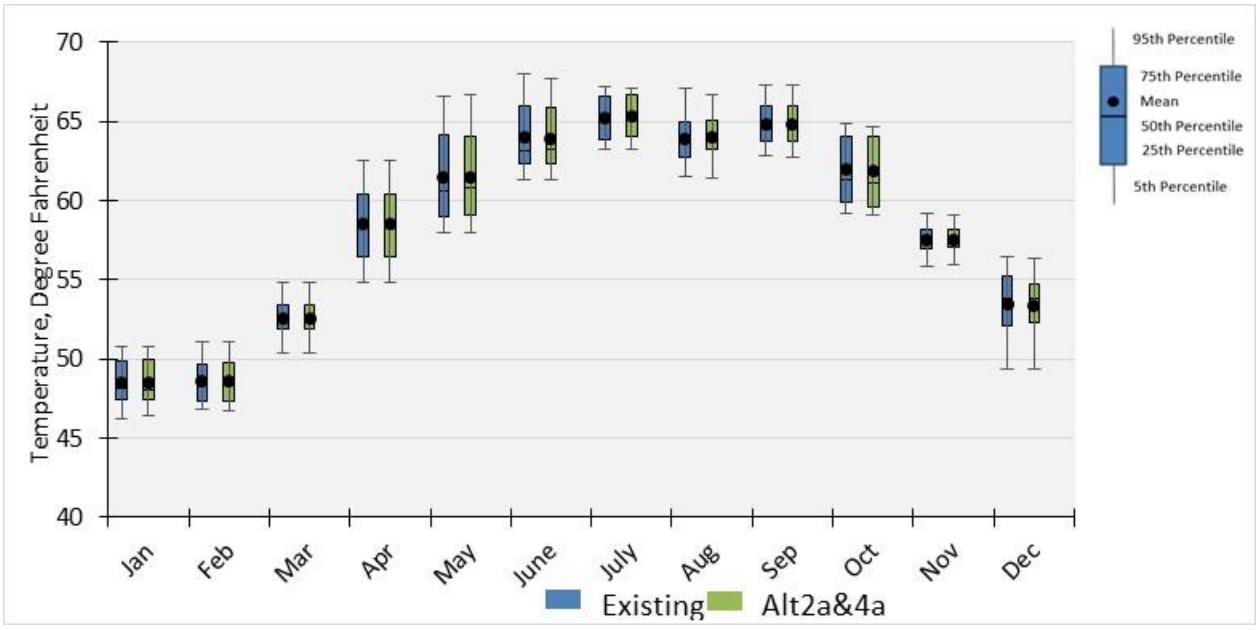


Figure 5A-D1.5.30. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

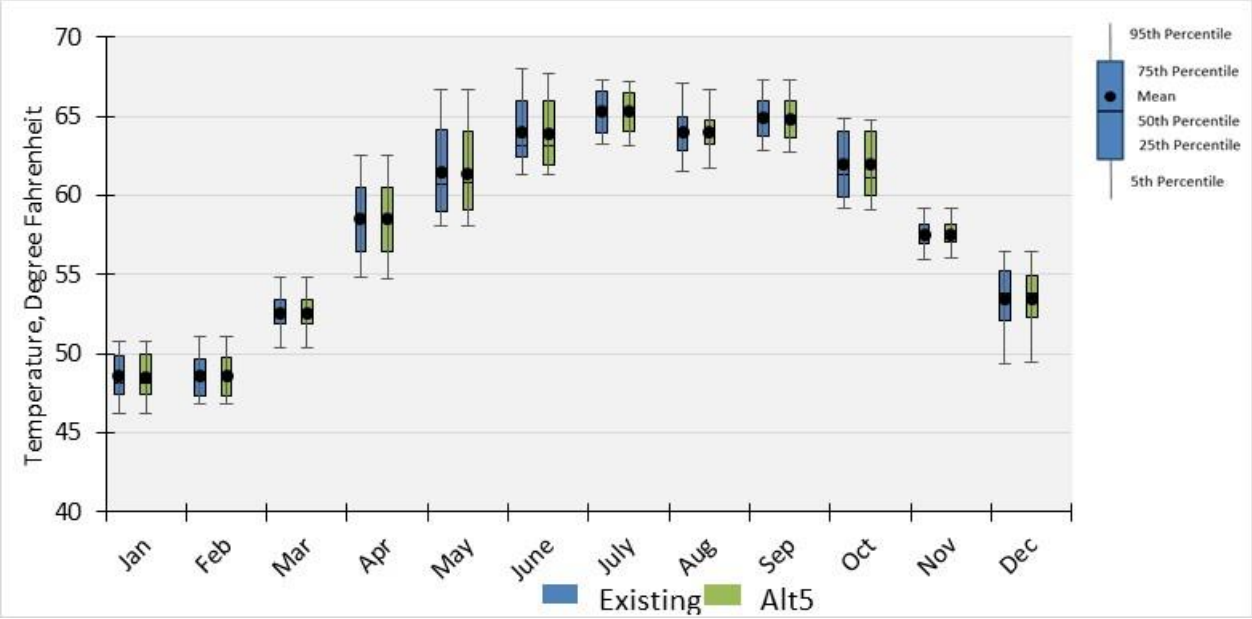
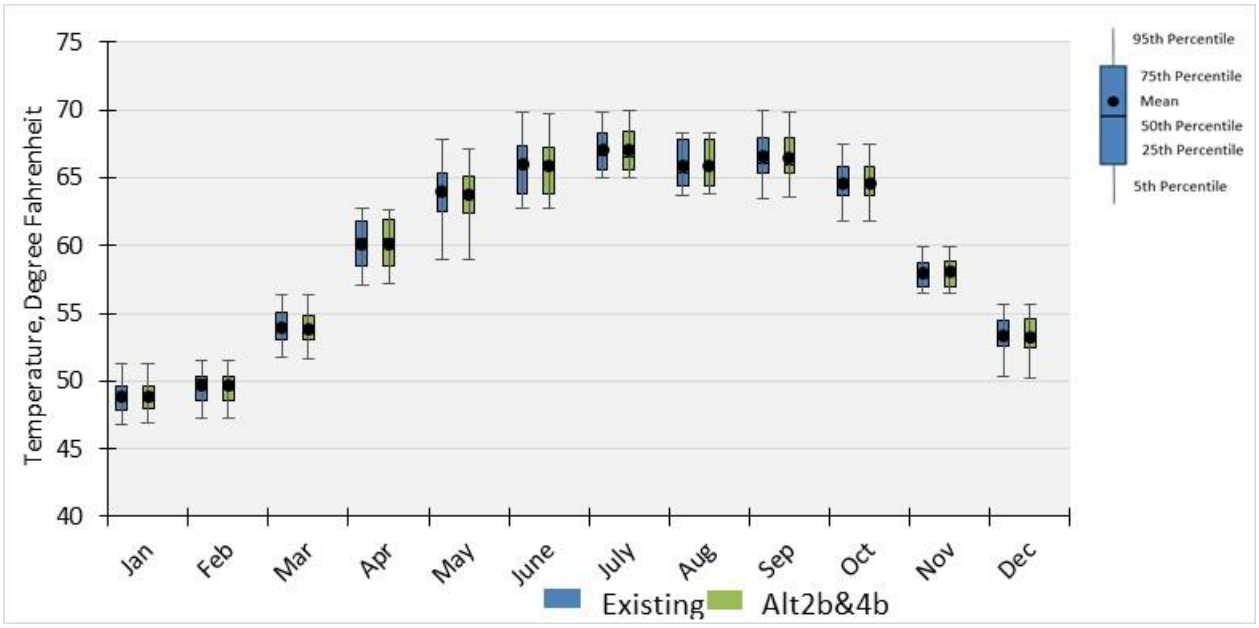


Figure 5A-D1.5.31. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



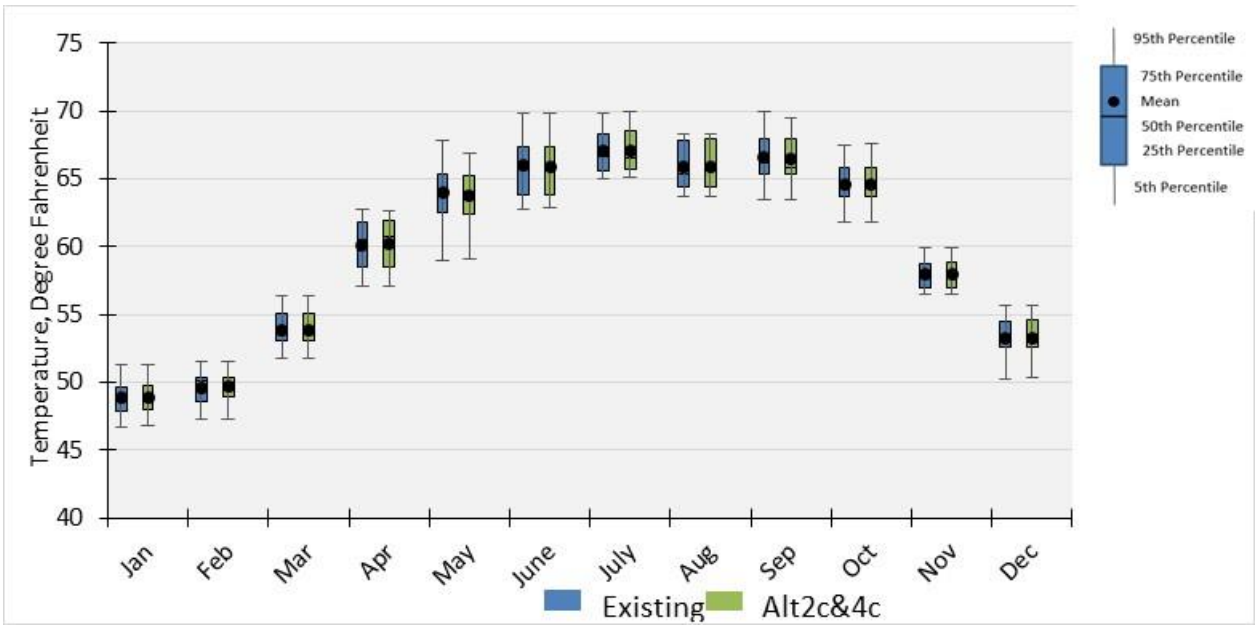
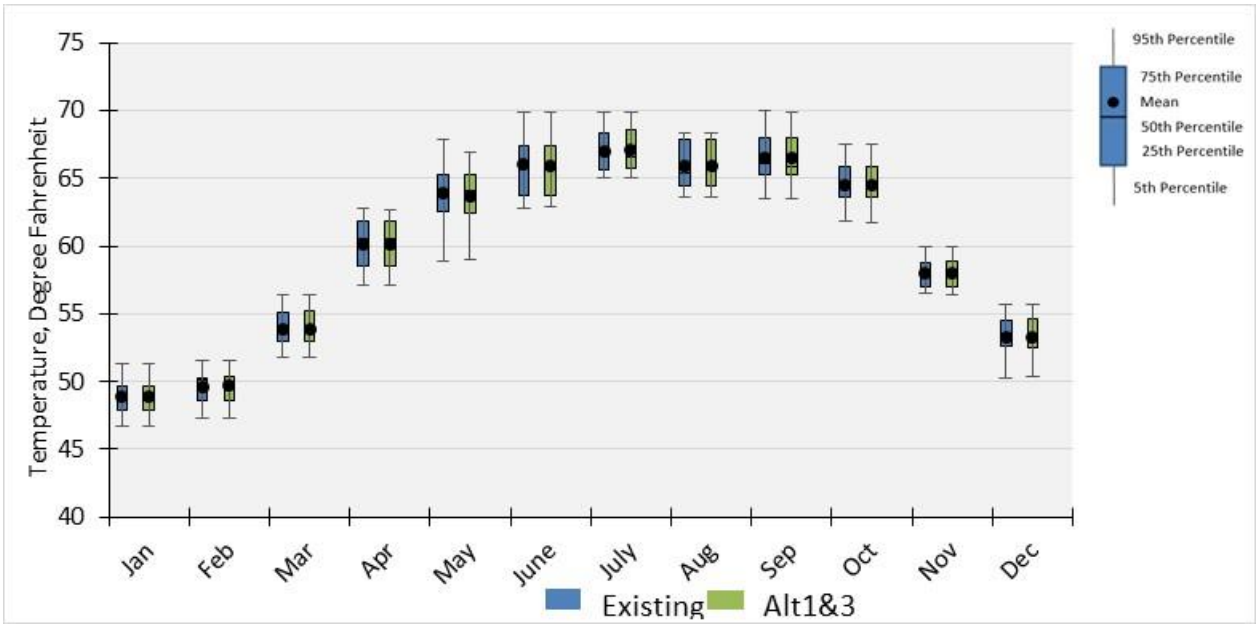


Figure 5A-D1.5.32. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



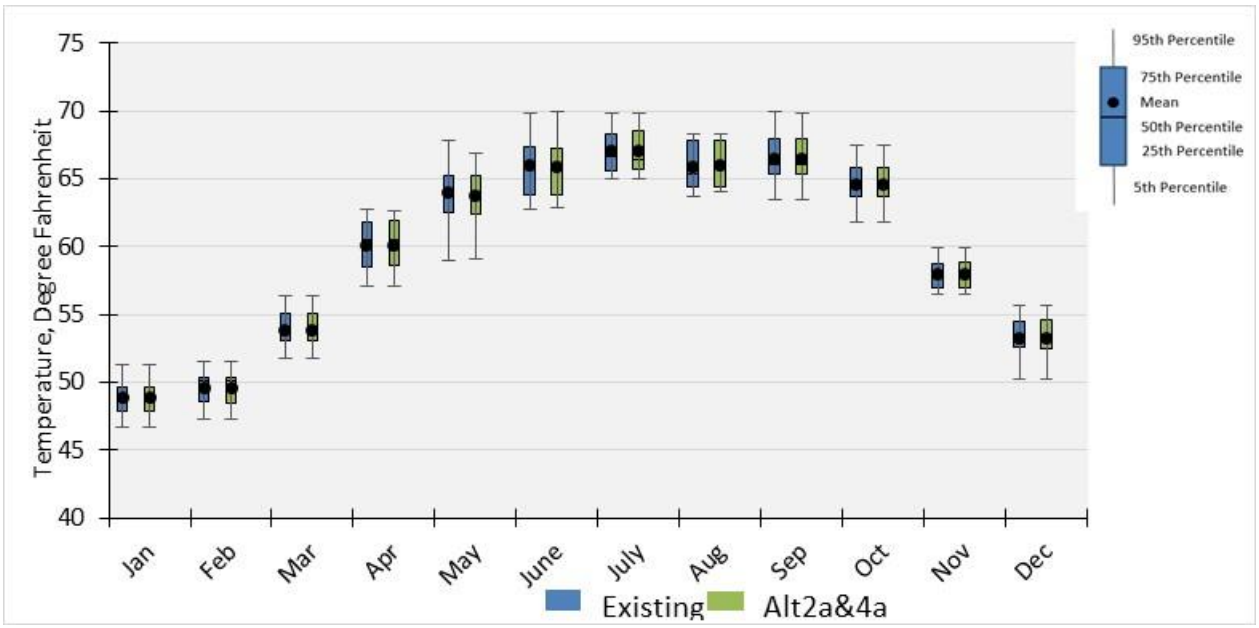


Figure 5A-D1.5.33. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

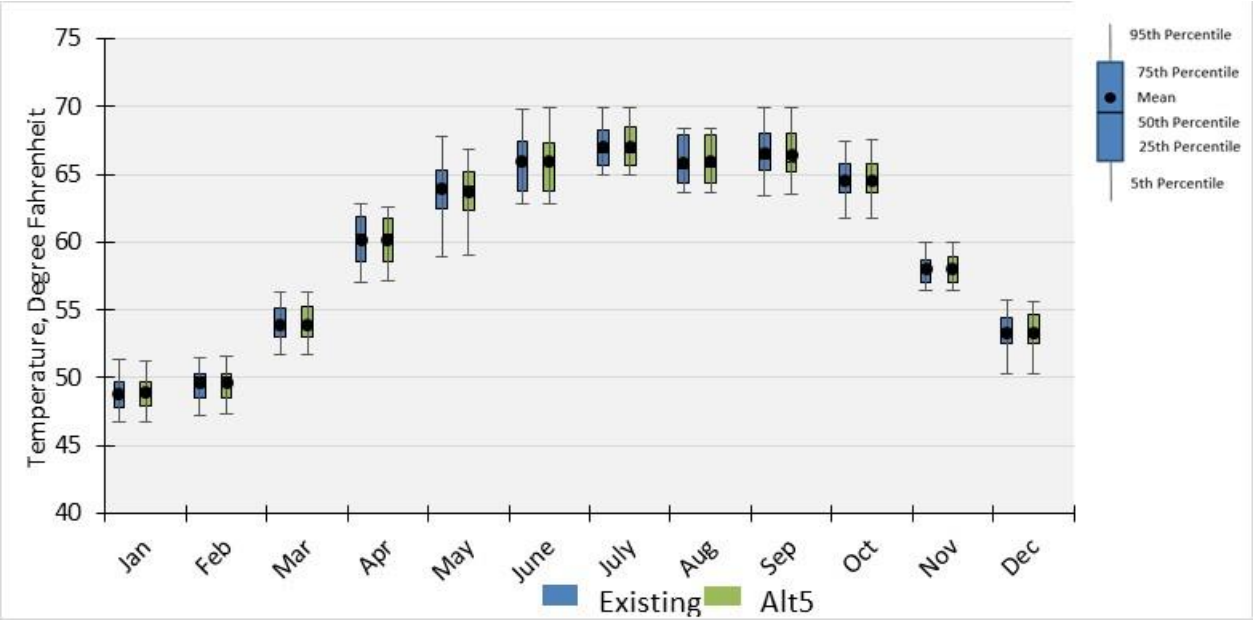
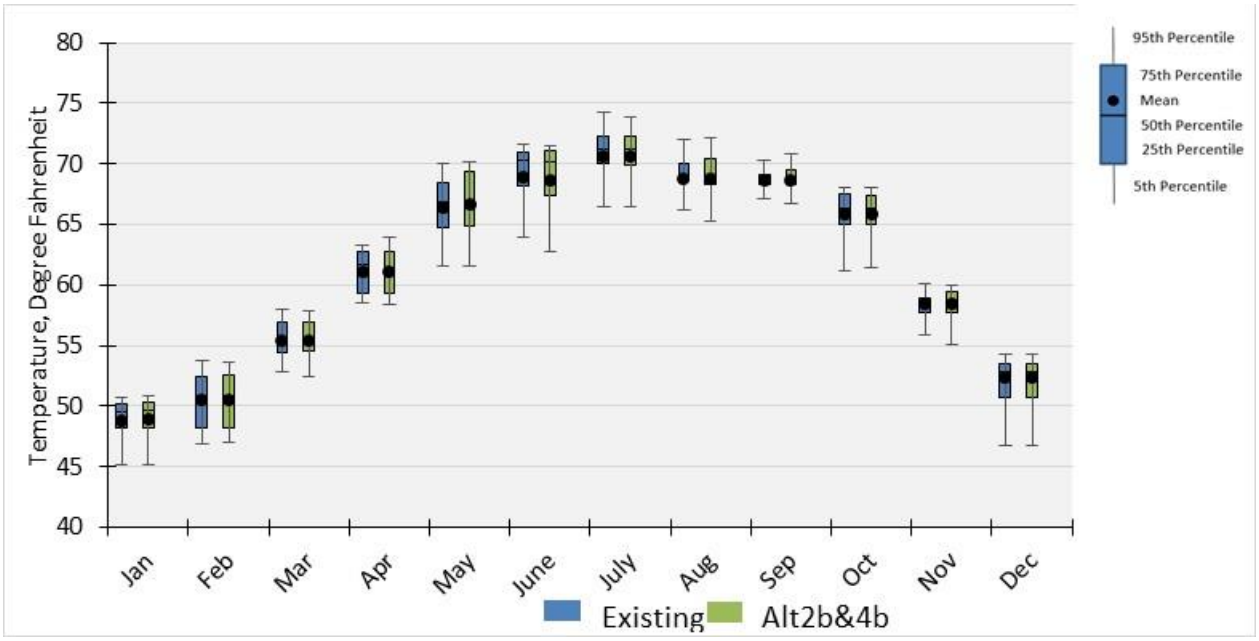


Figure 5A-D1.5.34. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



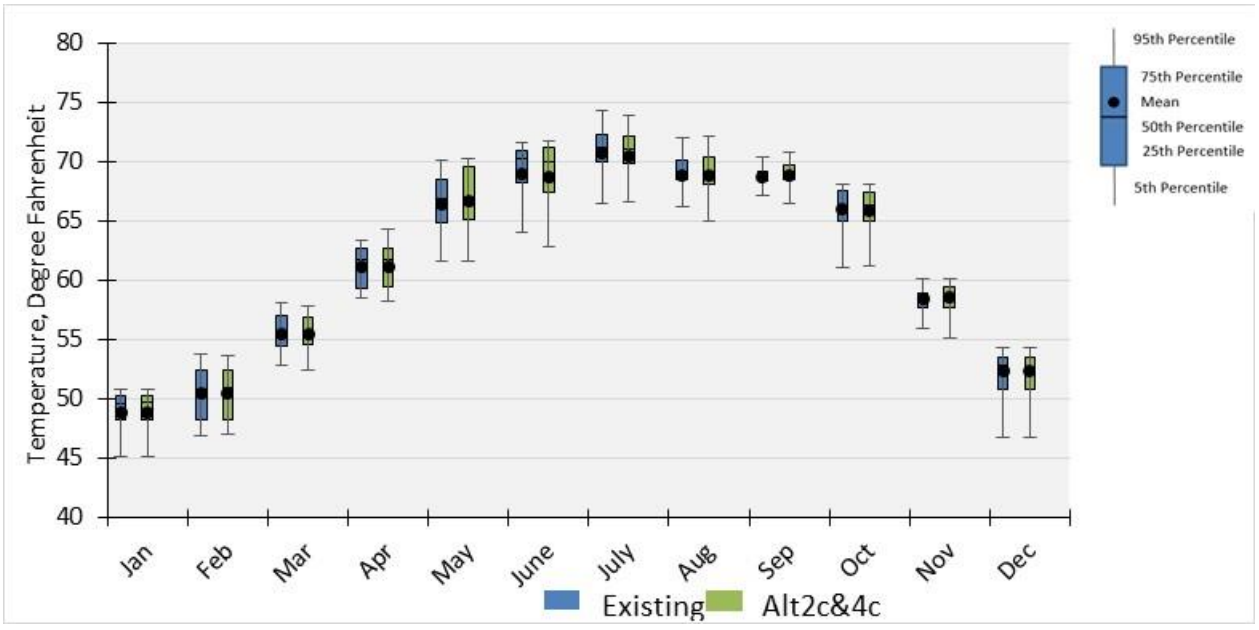
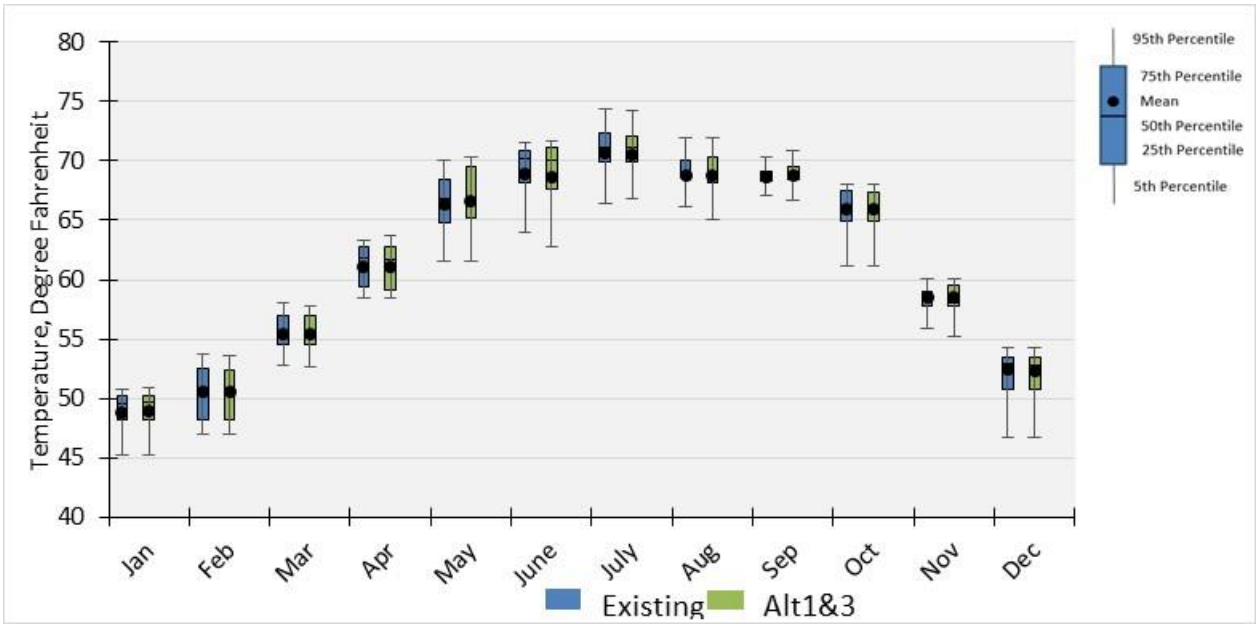


Figure 5A-D1.5.35. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



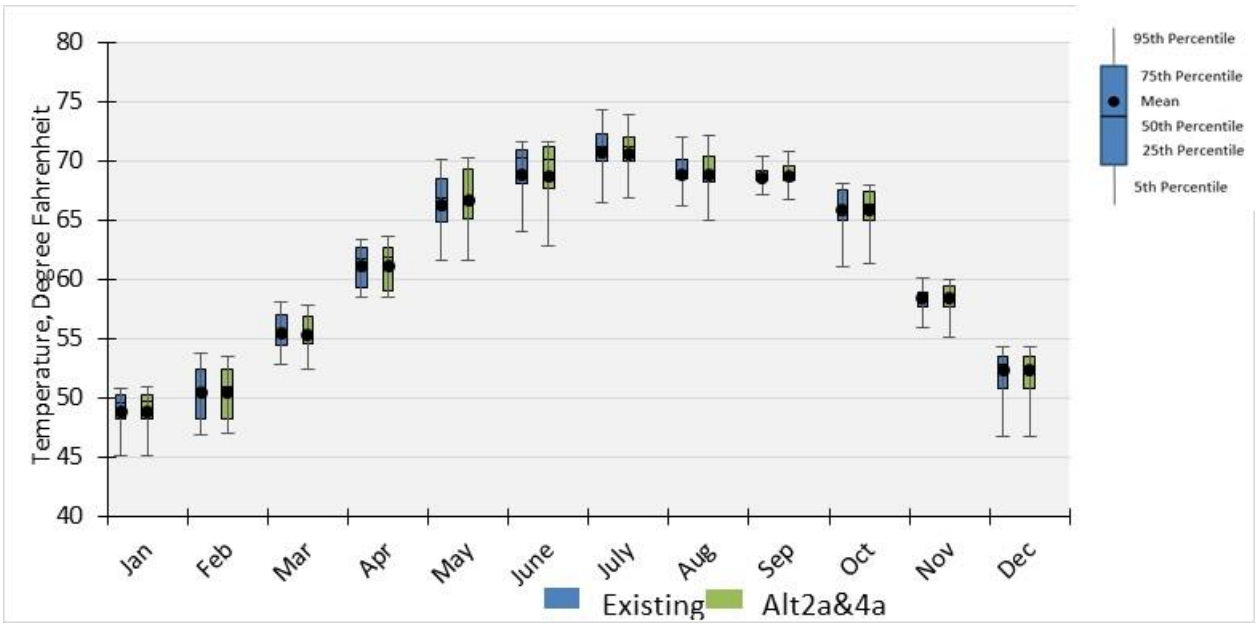


Figure 5A-D1.5.36. American River at William Pond Park, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

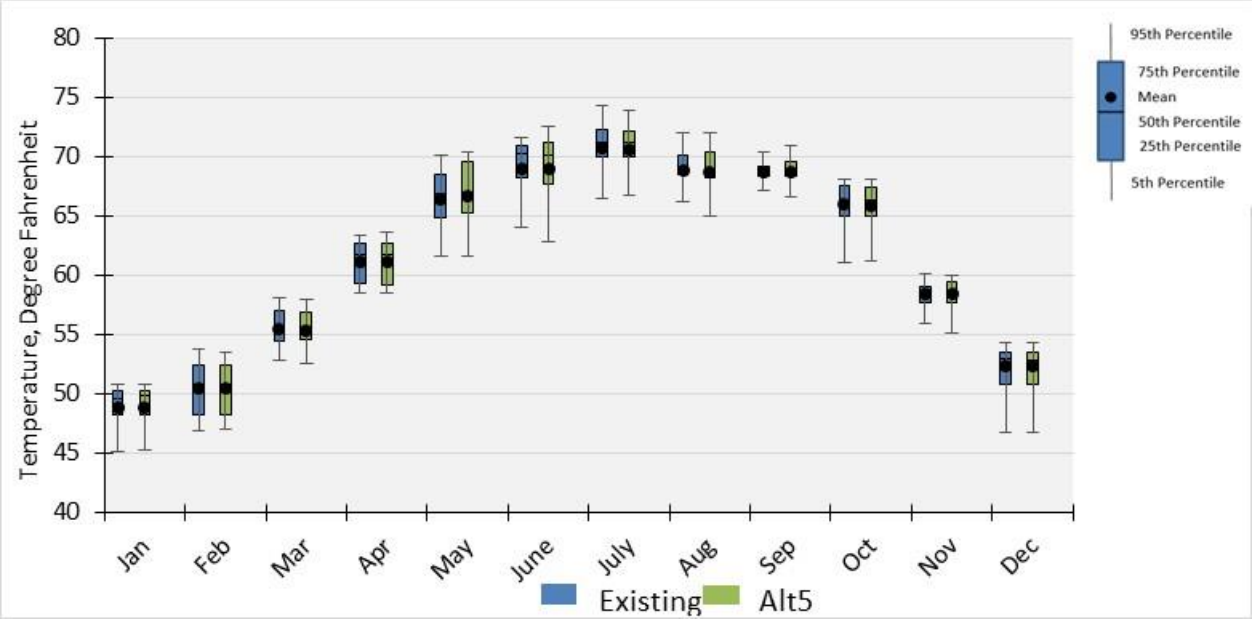
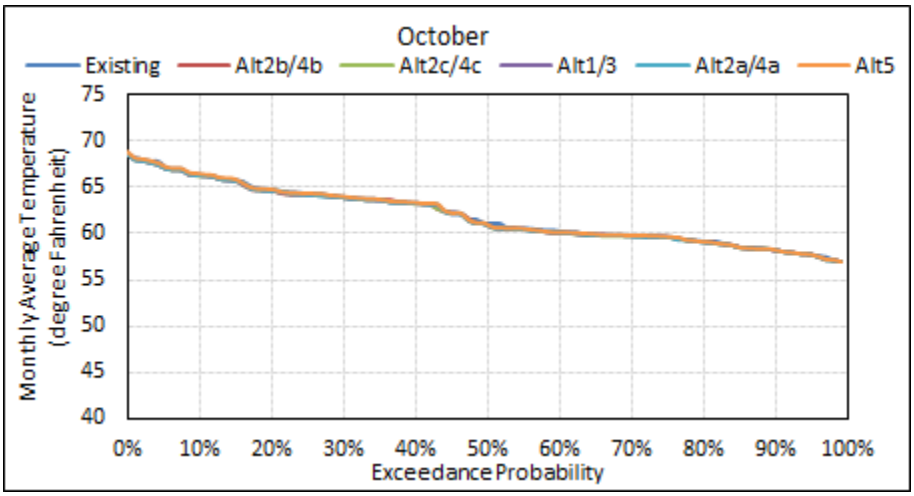
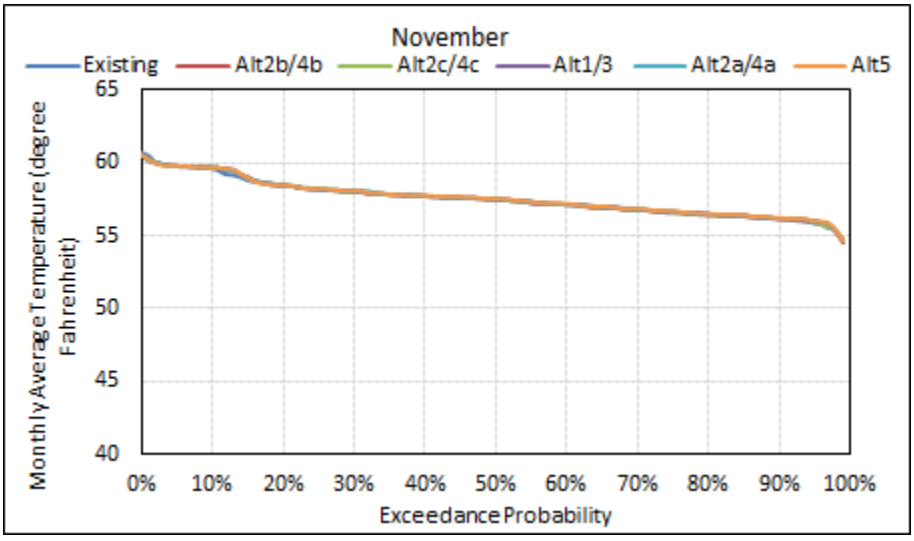


Figure 5A-D1.5.37-A. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





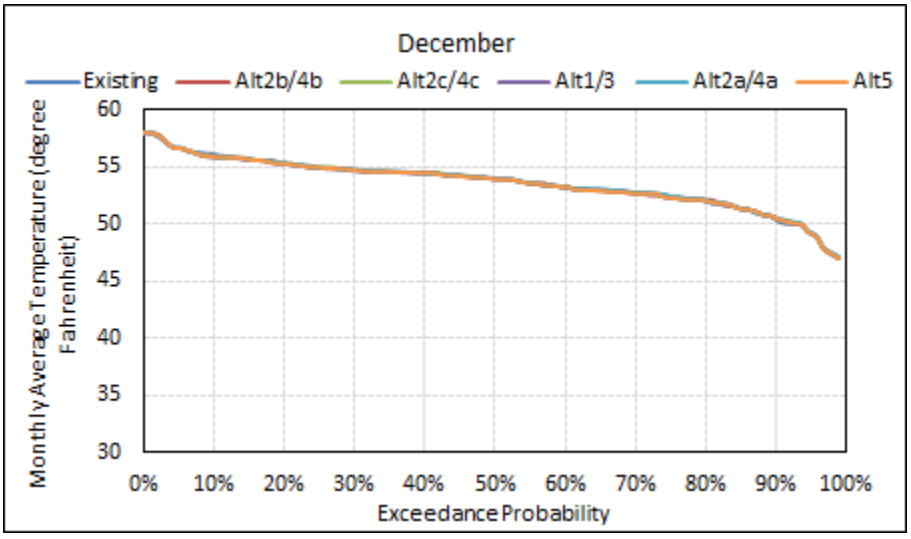
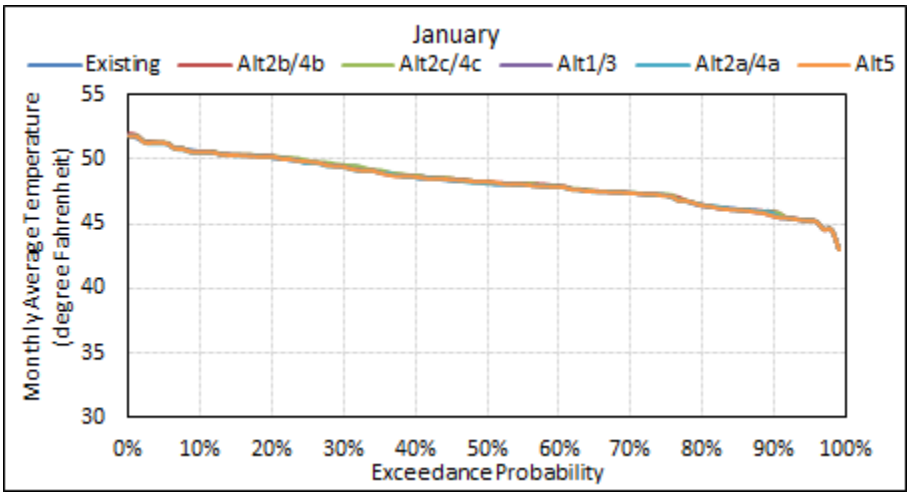
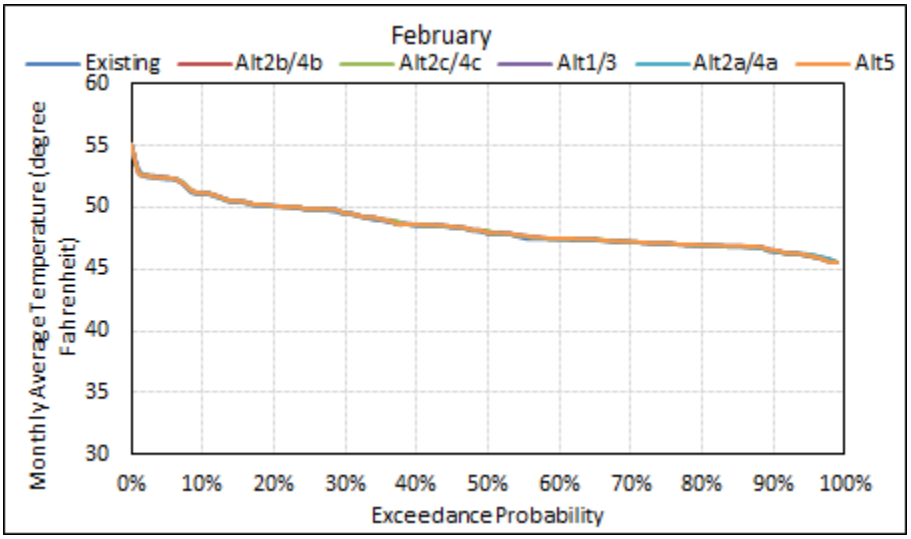


Figure 5A-D1.5.37-B. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





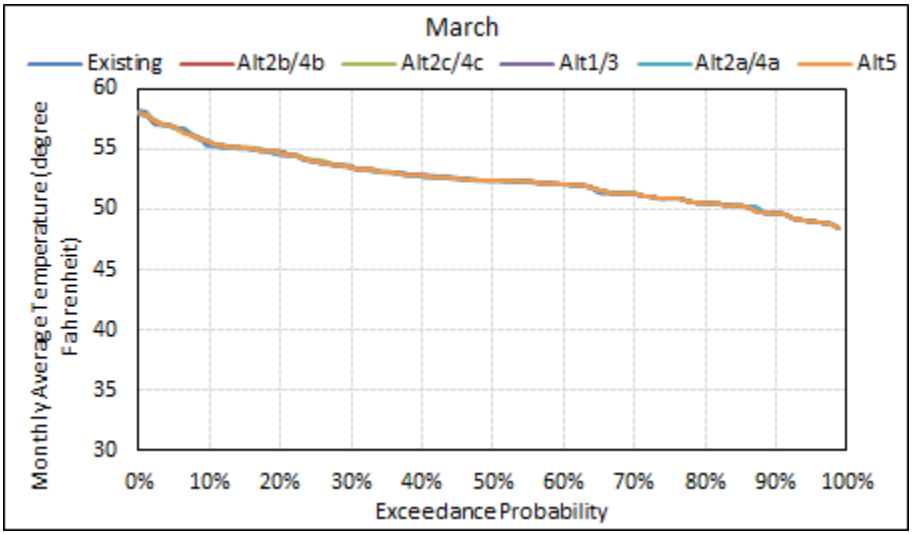
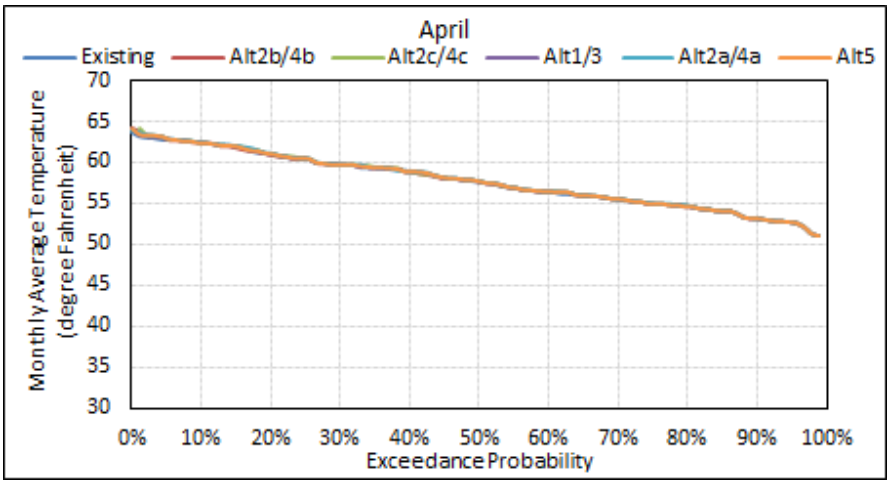
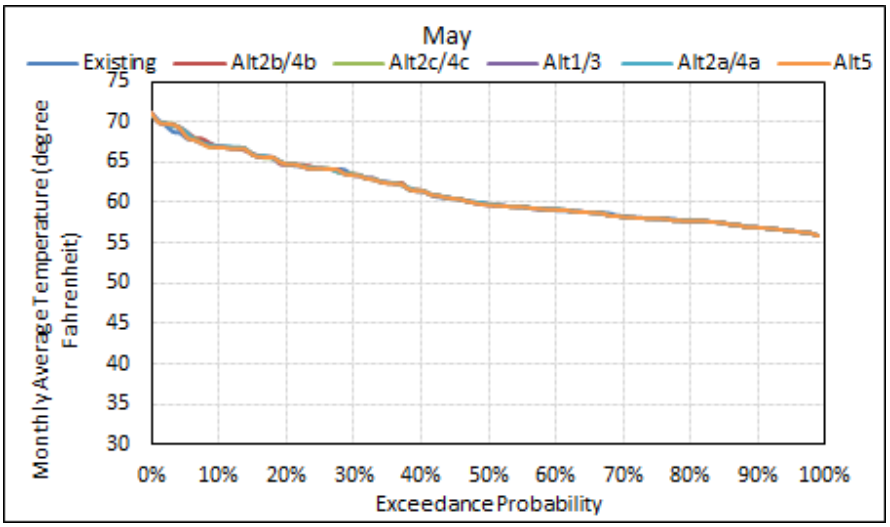


Figure 5A-D1.5.37-C. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





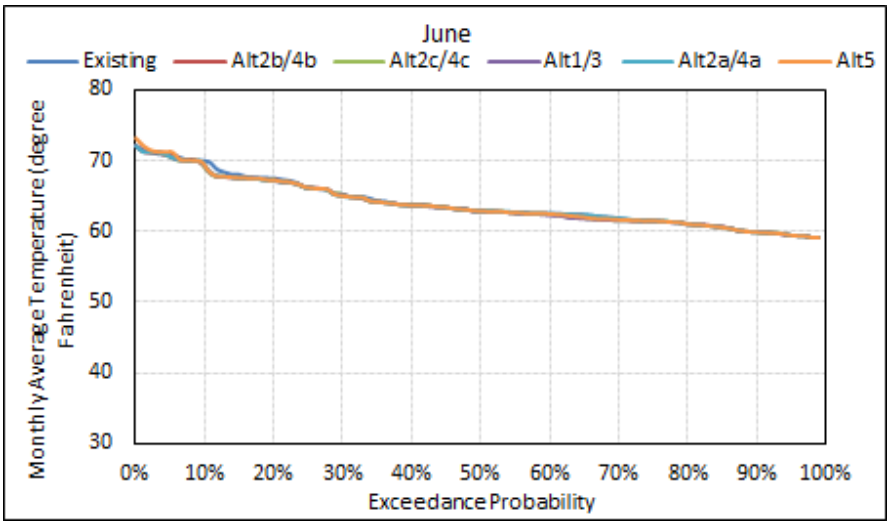
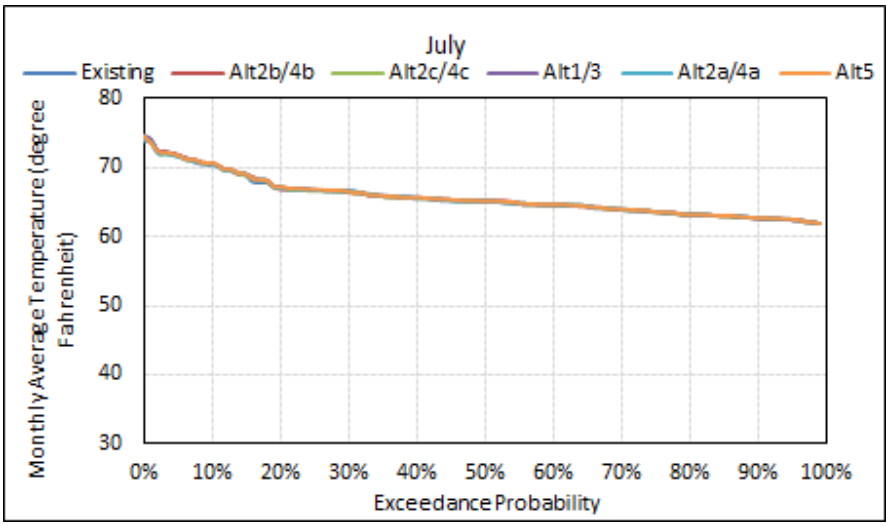
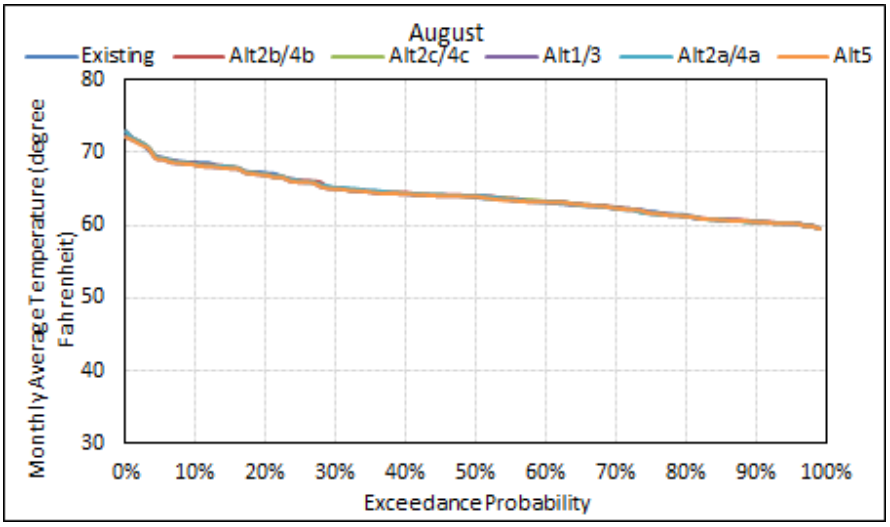


Figure 5A-D1.5.37-D. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





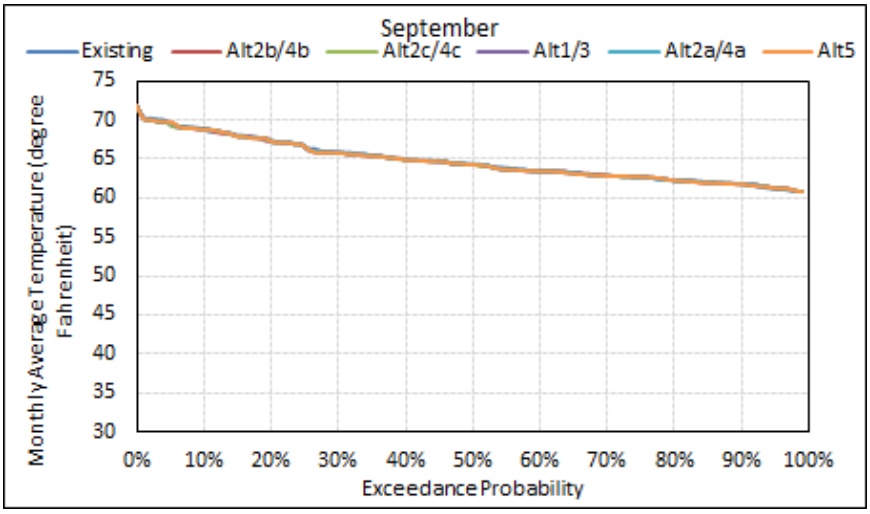


Figure 5A-D1.5.38. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

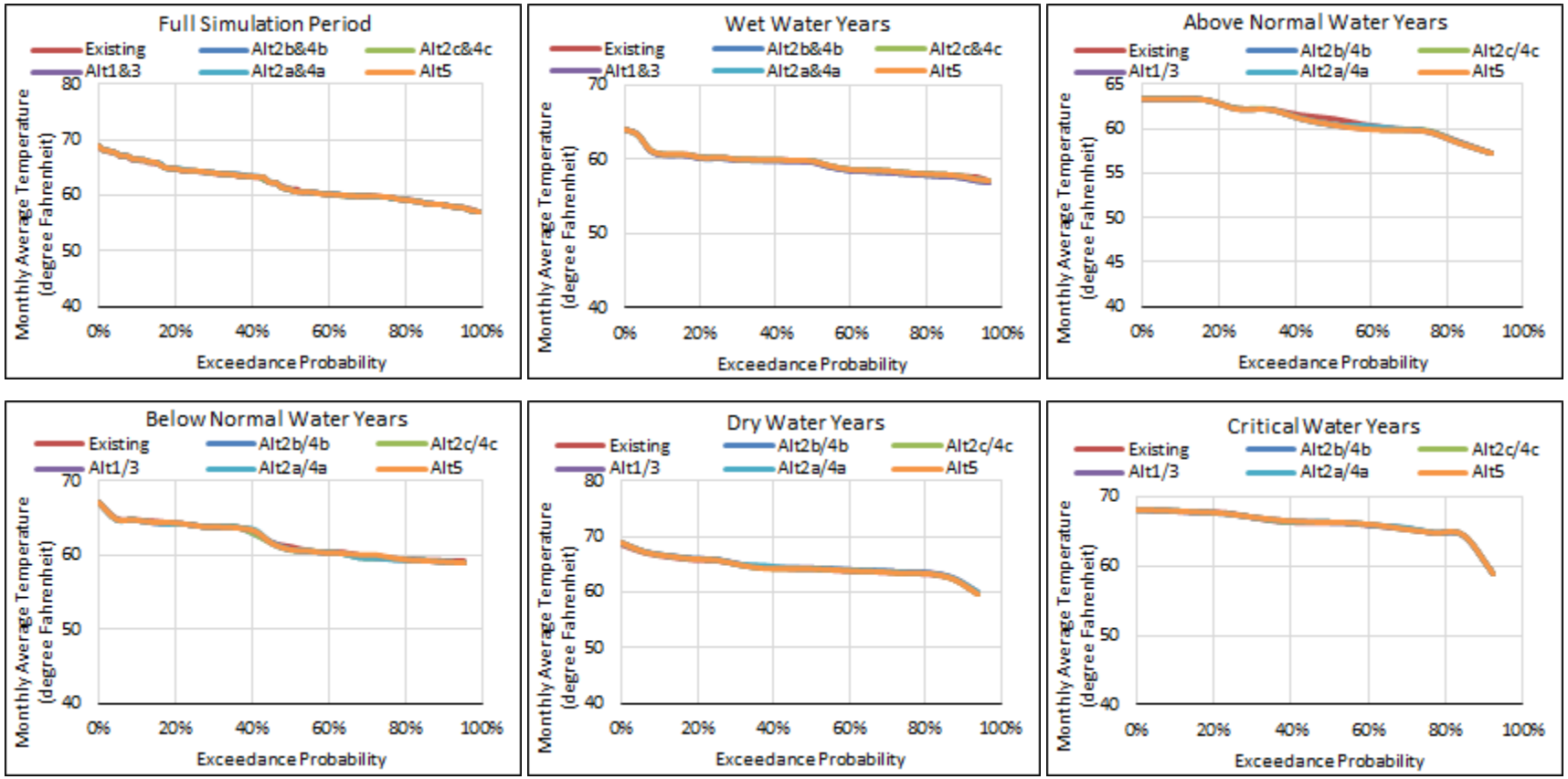


Figure 5A-D1.5.39. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

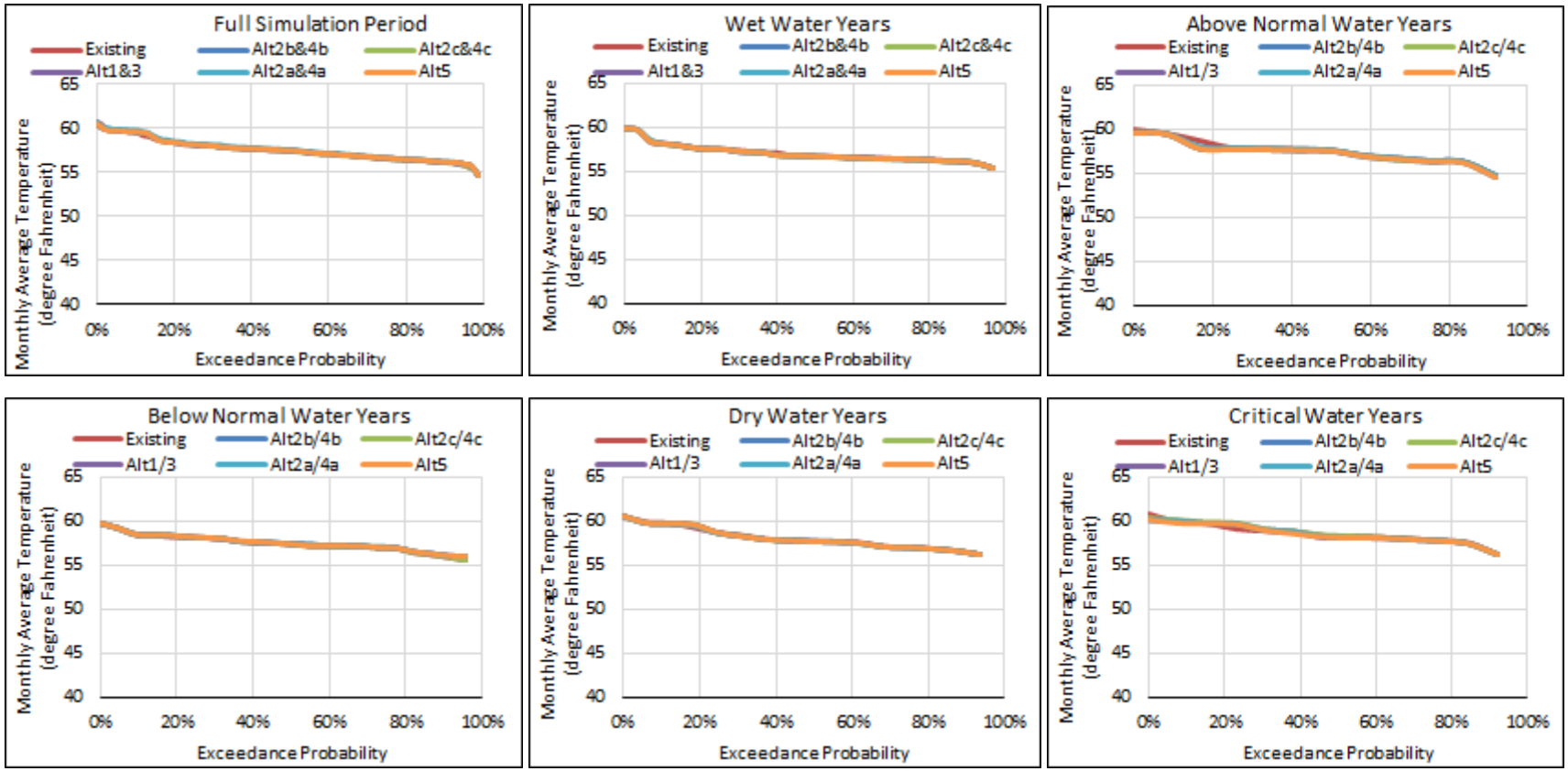


Figure 5A-D1.5.40. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

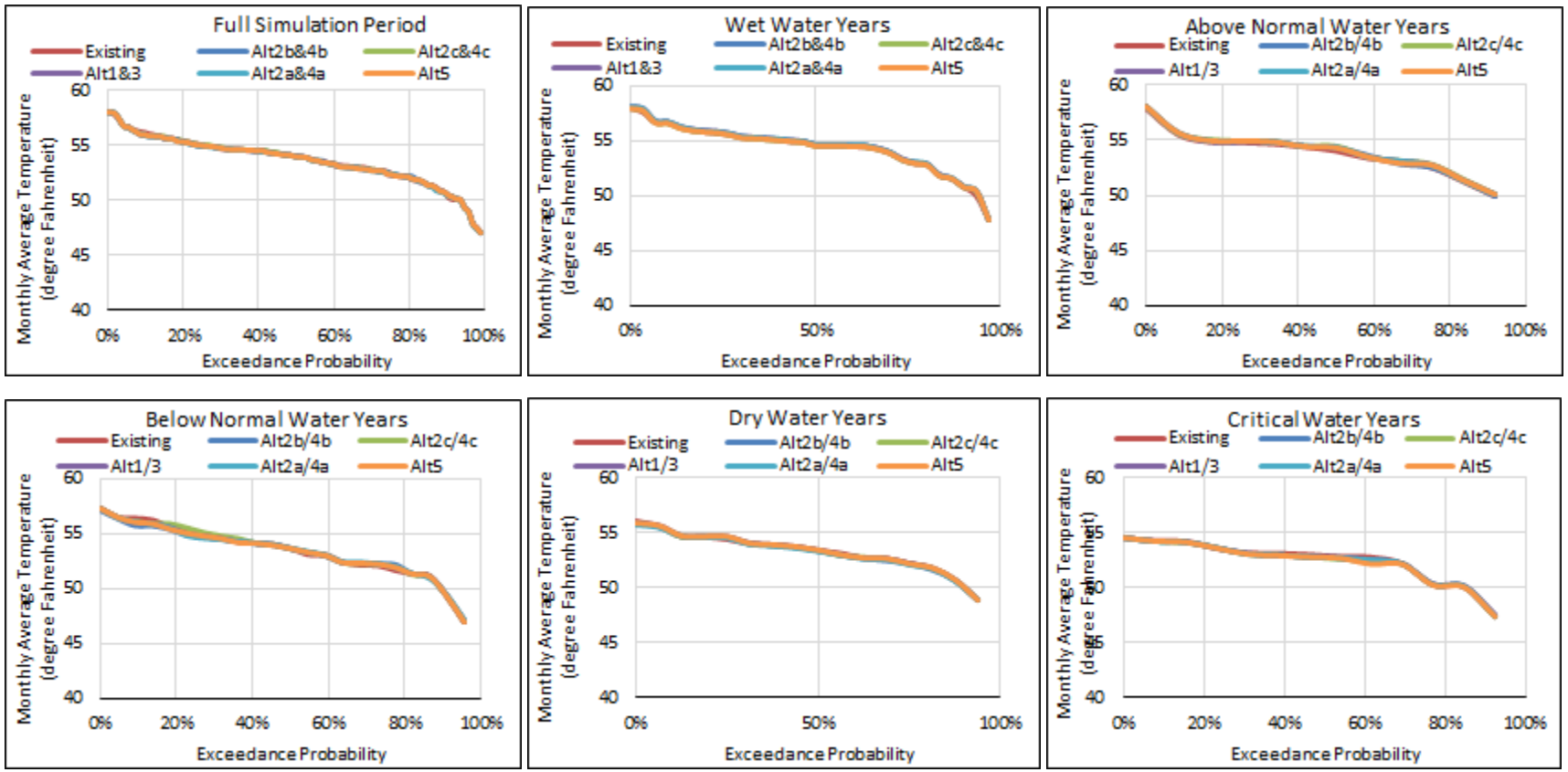


Figure 5A-D1.5.41. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

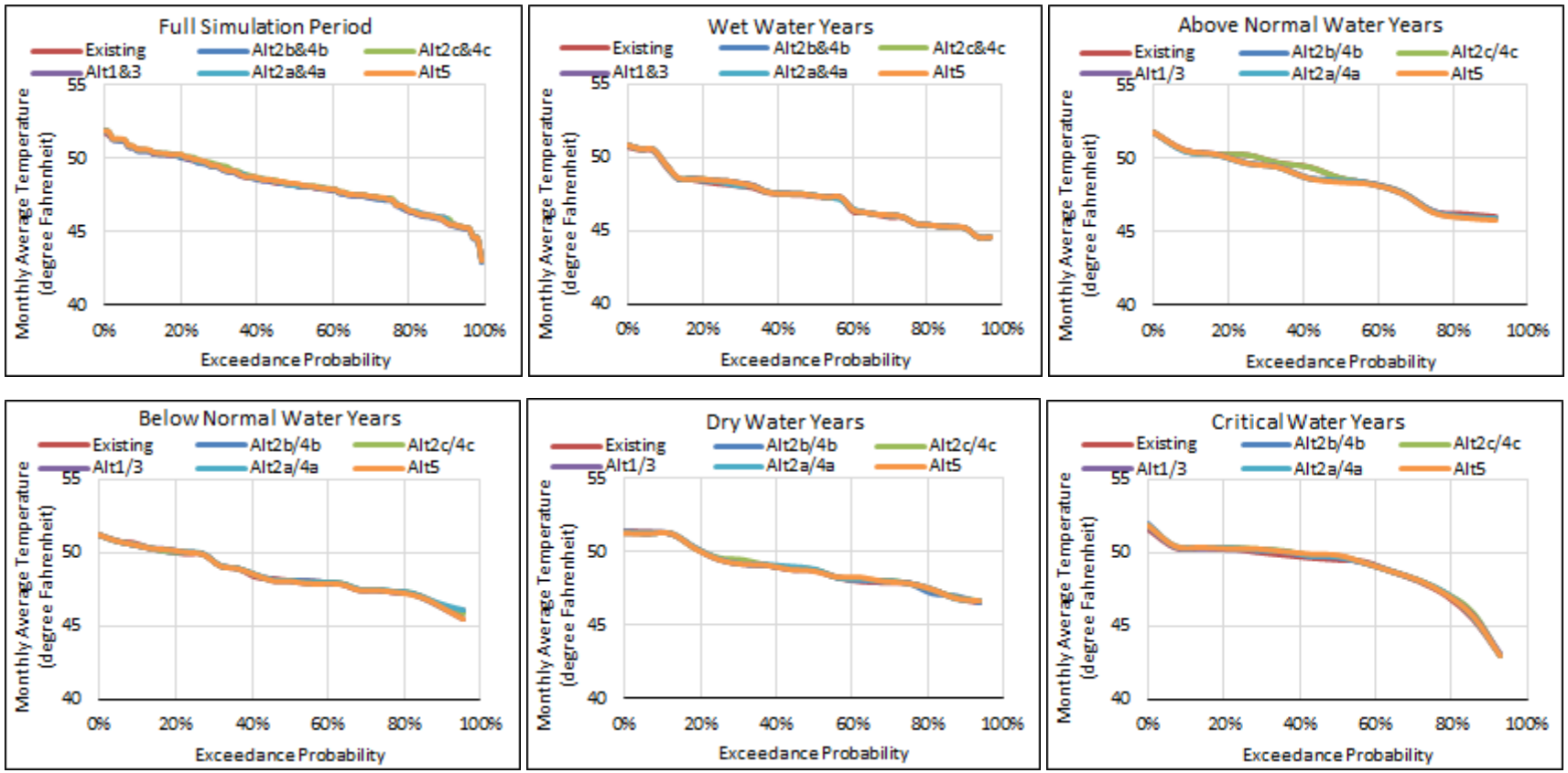


Figure 5A-D1.5.42. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

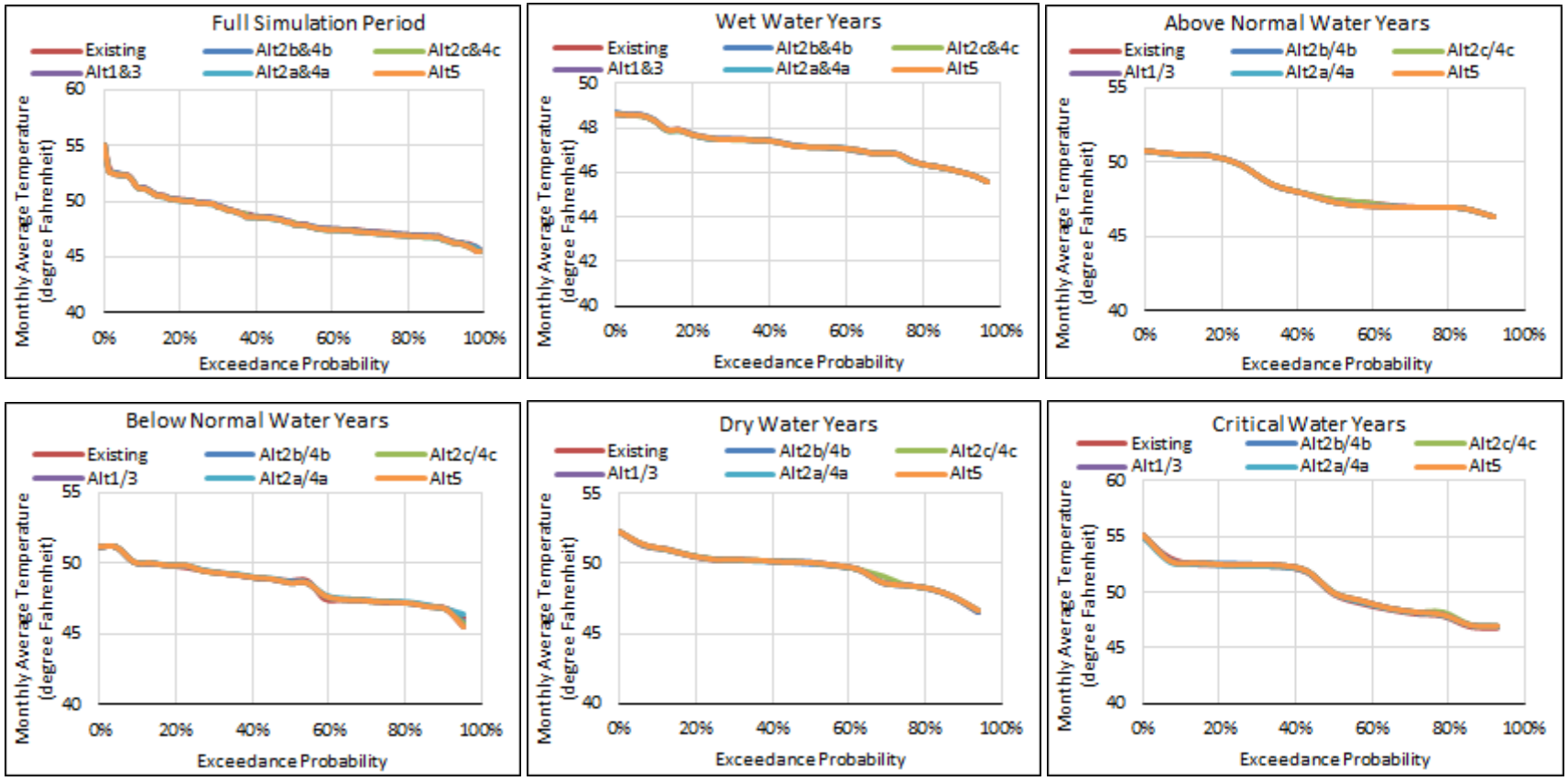


Figure 5A-D1.5.43. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

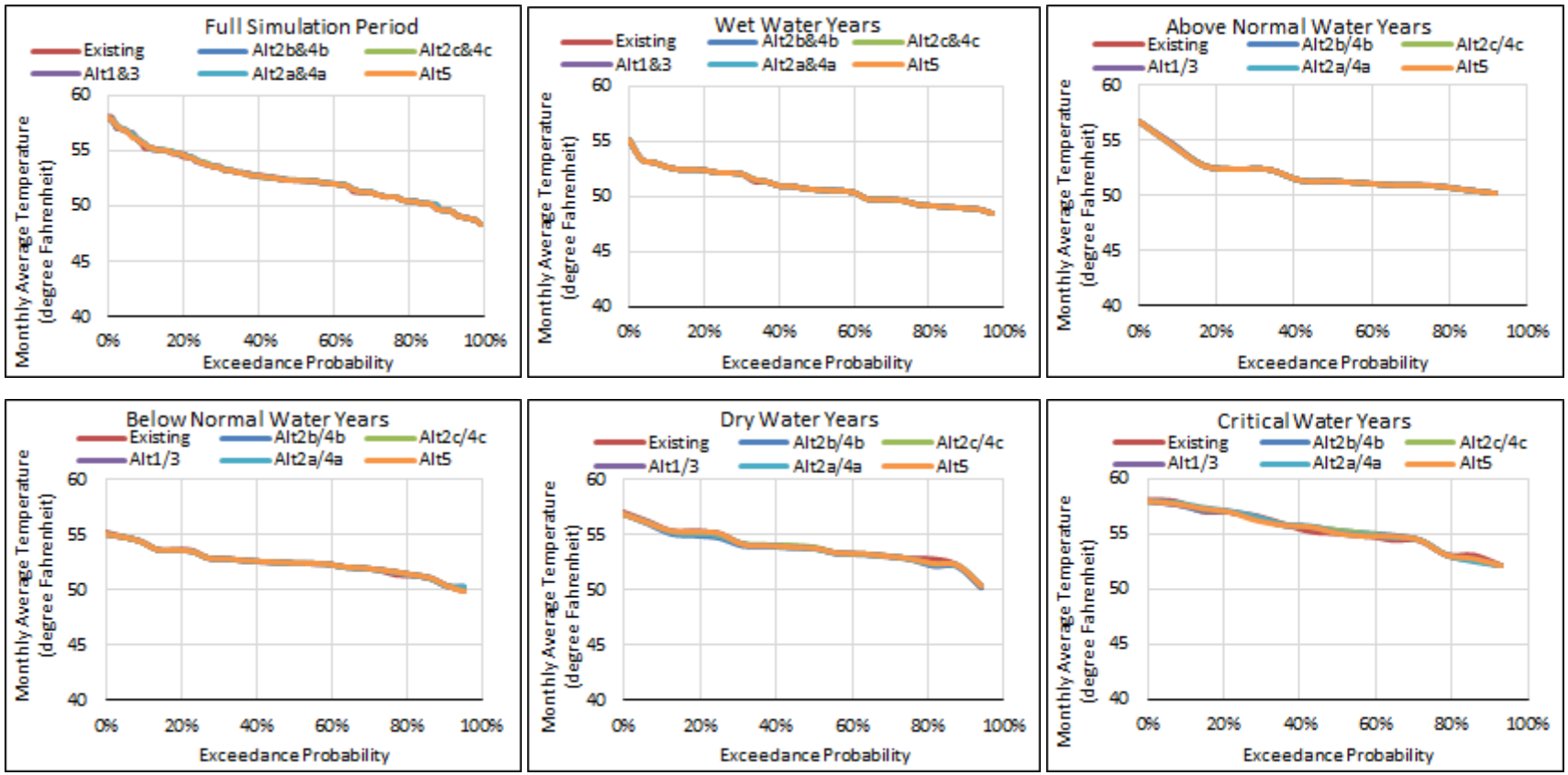


Figure 5A-D1.5.44. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

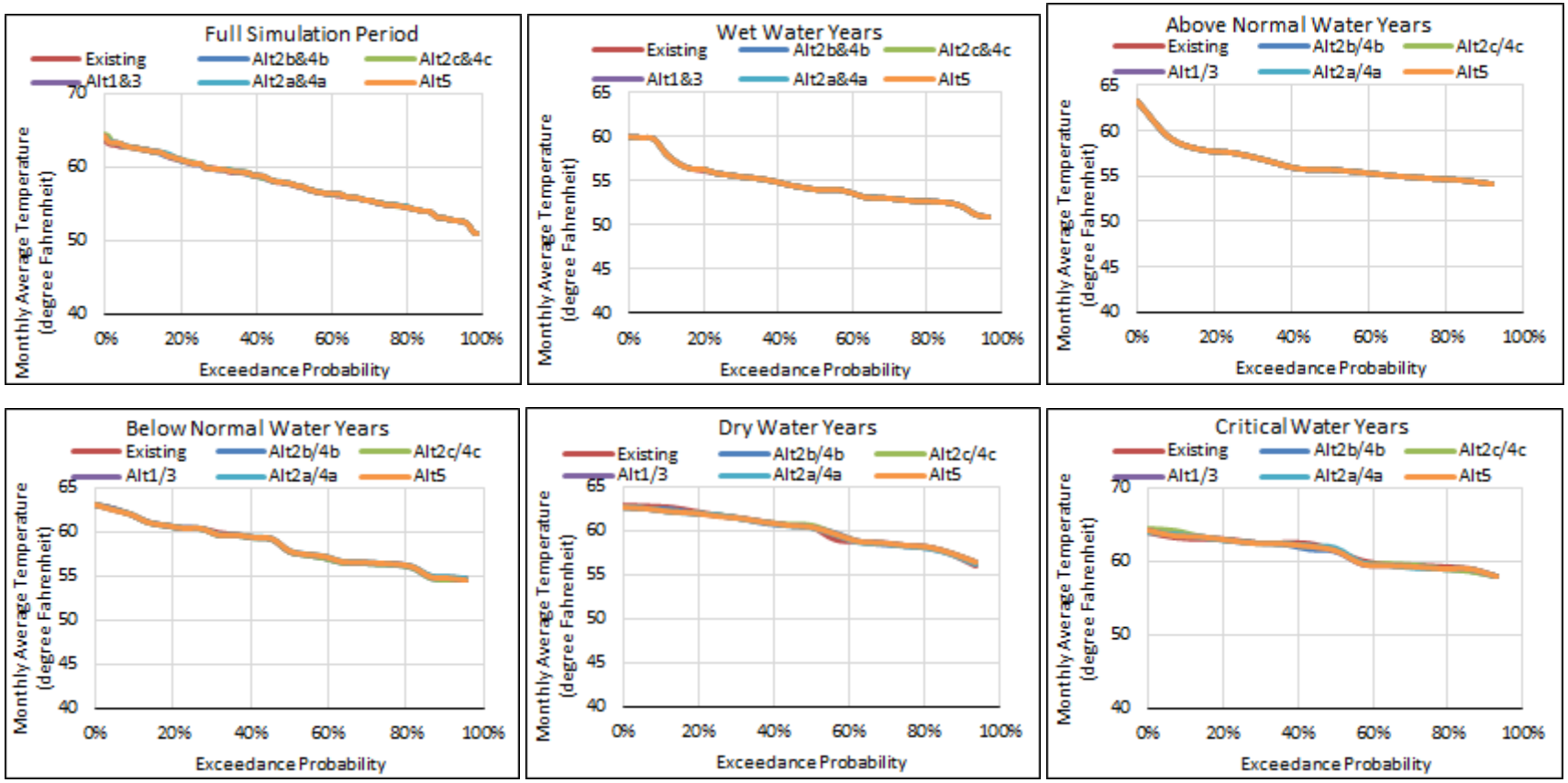


Figure 5A-D1.5.45. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

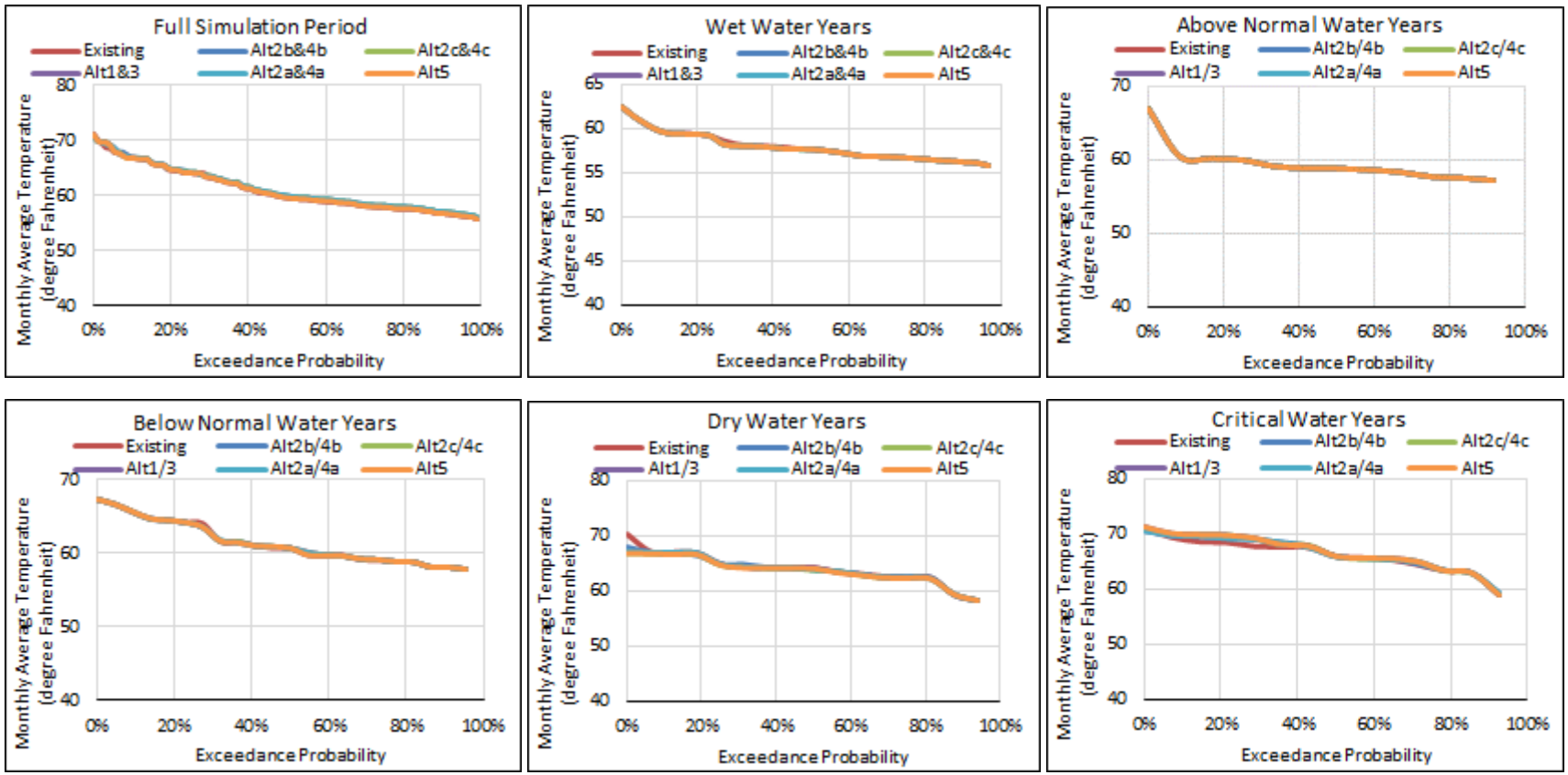


Figure 5A-D1.5.46. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

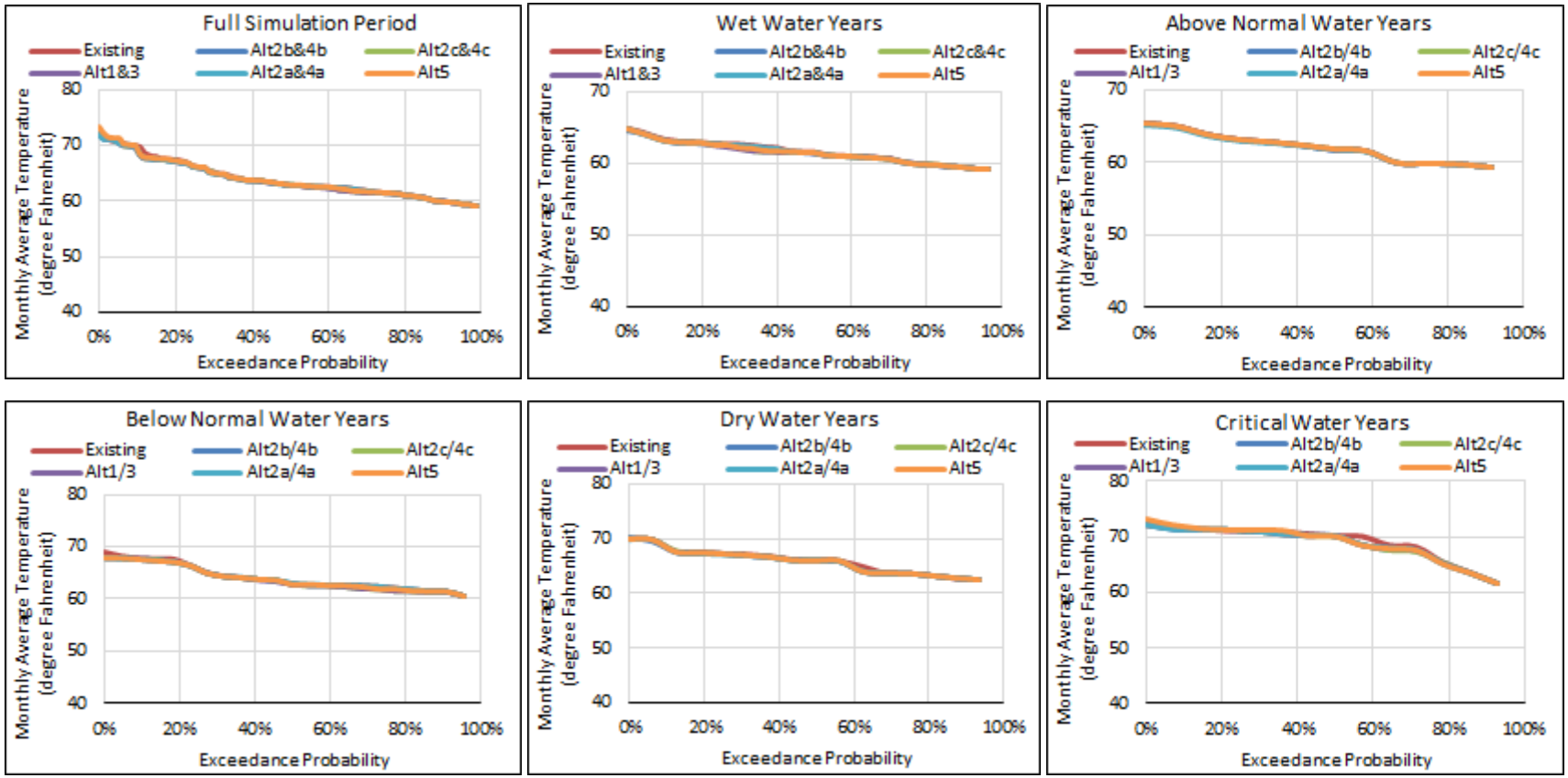


Figure 5A-D1.5.47. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

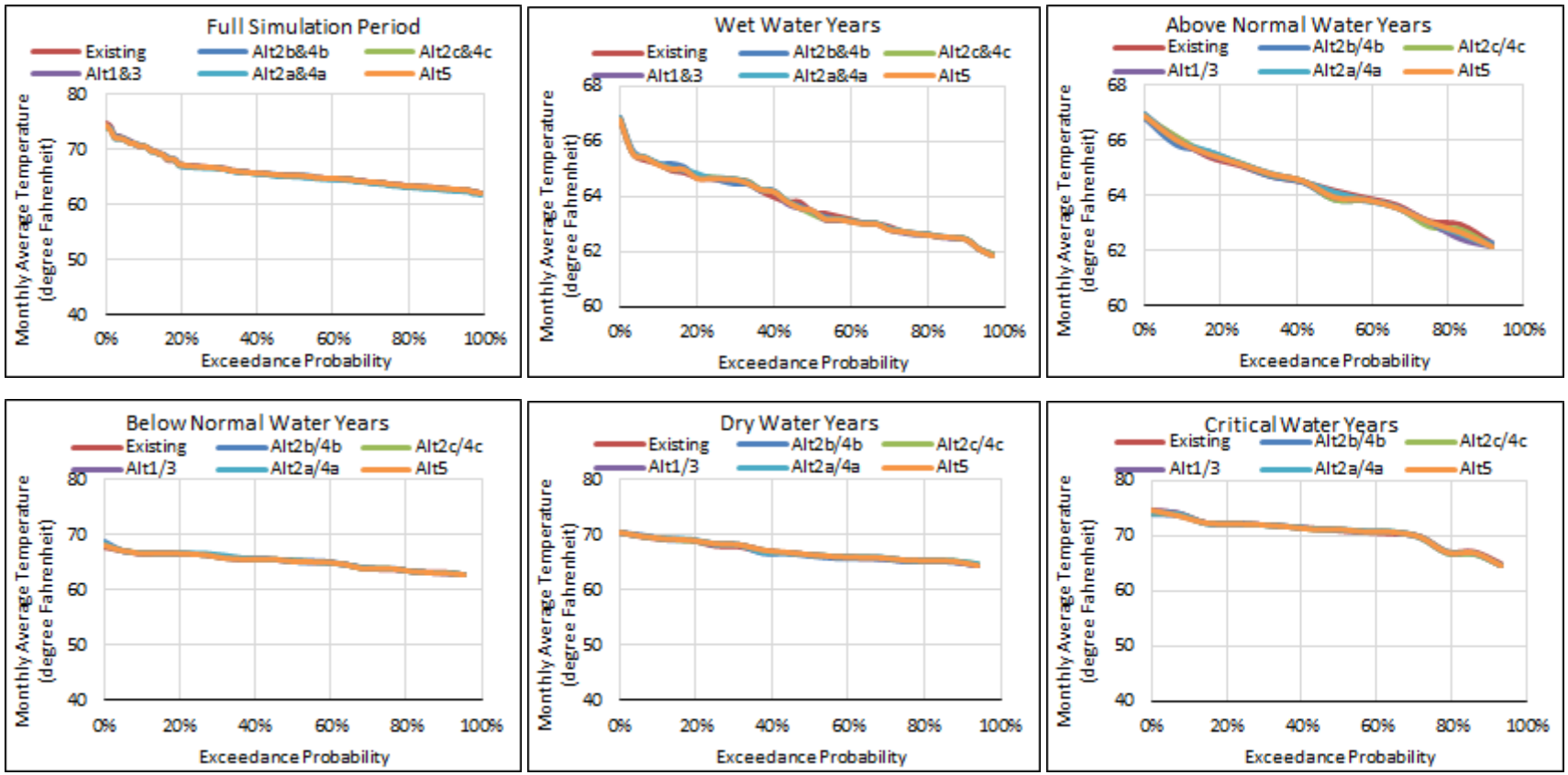


Figure 5A-D1.5.48. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

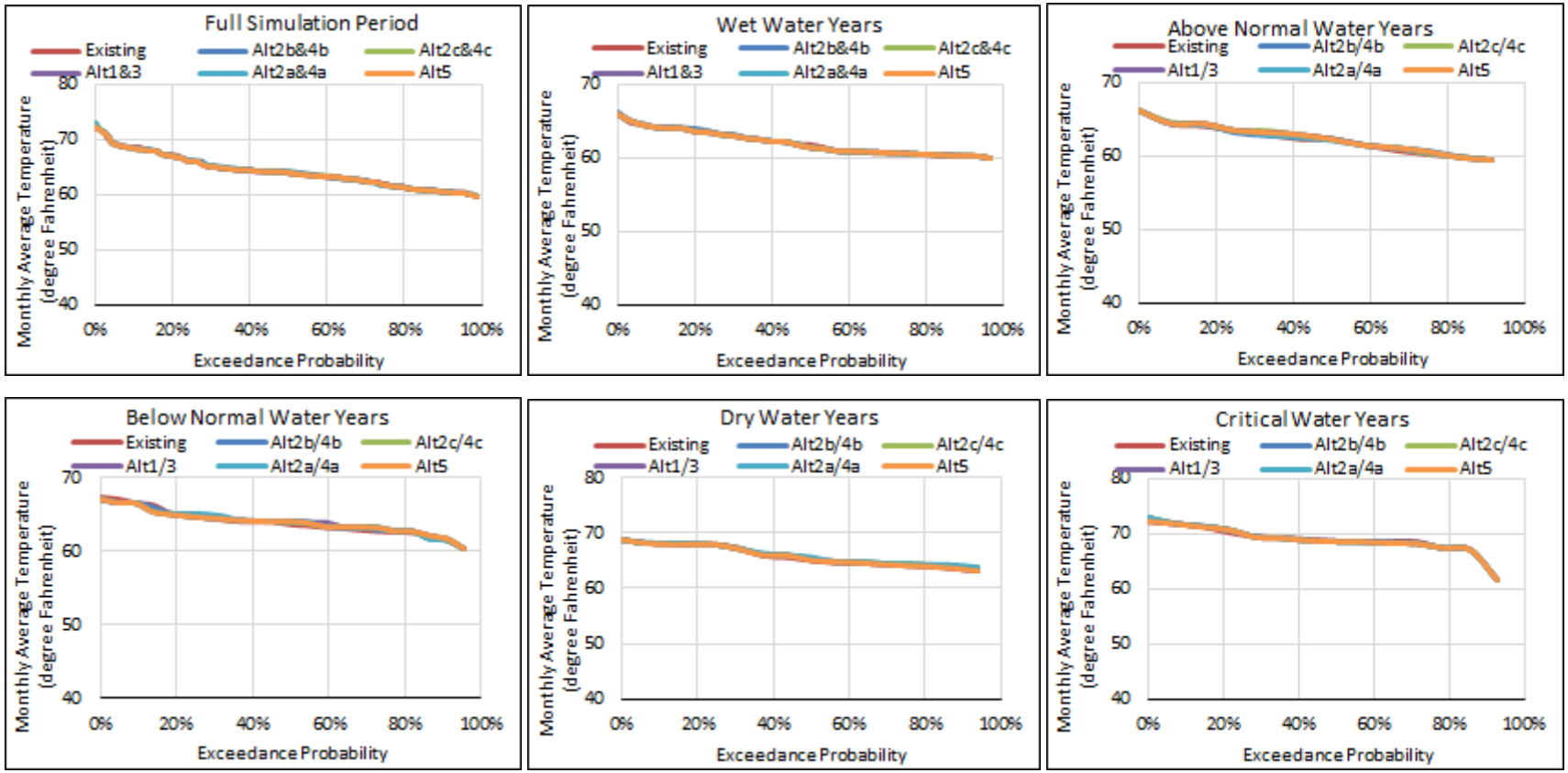
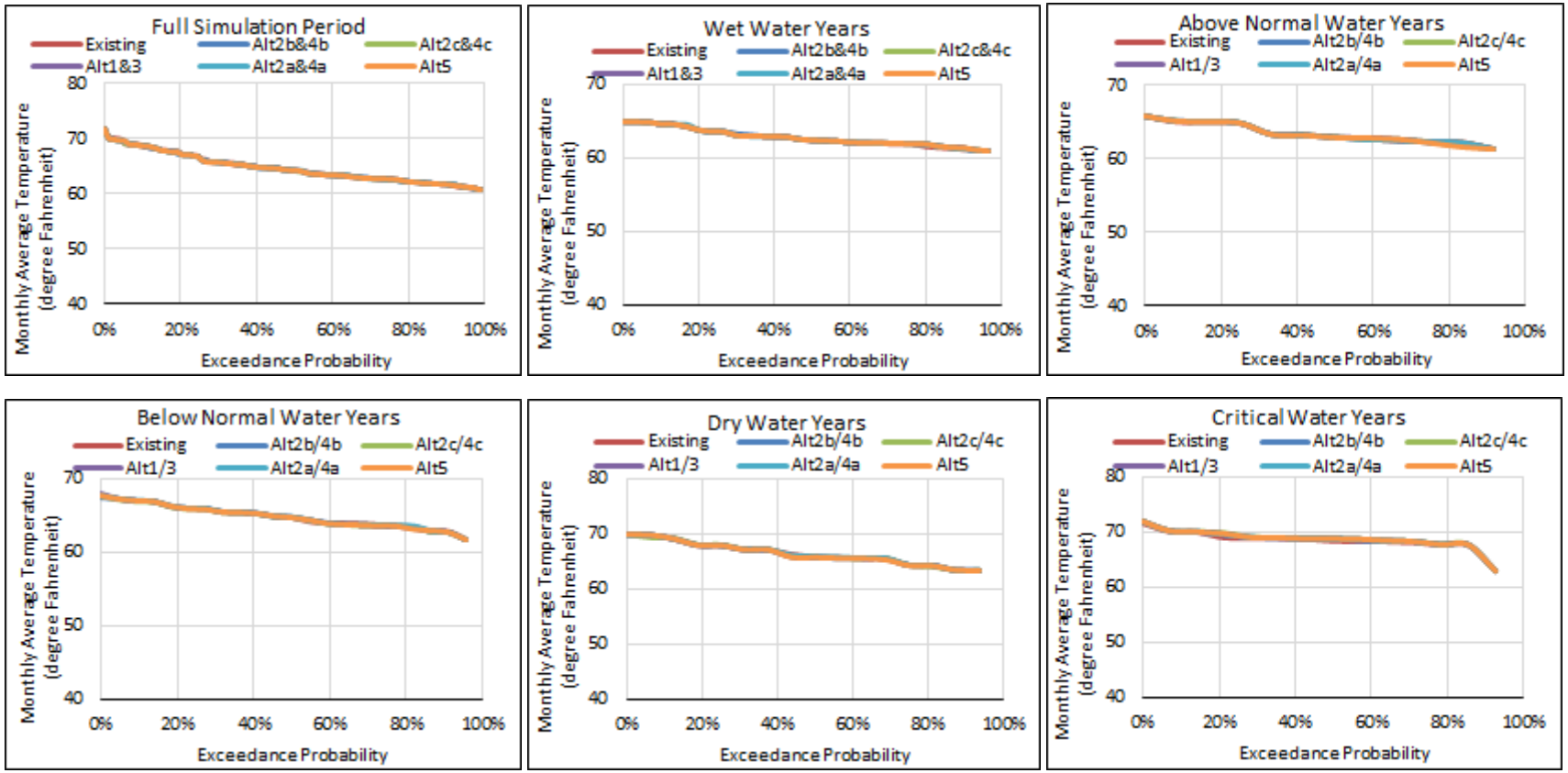


Figure 5A-D1.5.49. American River at William Pond Park, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.6 Clear Creek Above Sacramento

Table 5A-D1.6.1-A. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.1	51.8	48.2	46.1	46.8	48.6	51.3	53.2	53.2	56.9	56.7	55.7
20%	53.4	51.4	47.7	45.7	46.2	48.4	50.7	52.8	52.7	56.4	56.1	54.9
30%	52.8	51.0	47.3	45.5	45.9	48.1	50.3	52.3	52.4	56.1	55.5	54.3
40%	51.9	50.4	47.0	45.0	45.5	47.9	50.0	52.1	51.9	55.9	55.2	53.9
50%	51.7	49.9	46.9	44.8	45.2	47.6	49.7	51.8	51.7	55.6	54.9	53.6
60%	51.3	49.7	46.6	44.6	45.0	47.4	49.5	51.5	51.4	55.2	54.6	53.4
70%	50.9	49.5	46.2	44.4	44.6	47.2	49.2	51.3	51.0	54.8	54.4	53.0
80%	50.7	49.1	45.8	44.2	44.2	46.7	48.9	51.0	50.6	54.6	54.0	52.8
90%	50.2	48.4	45.4	43.7	44.0	46.4	48.6	50.4	50.3	54.2	53.6	52.3

Table 5A-D1.6.1-B. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	50.2	46.9	44.9	45.3	47.6	49.9	51.9	51.7	55.6	55.1	54.1
Wet Water Years	50.8	49.4	46.5	44.8	44.8	47.1	49.2	51.6	51.2	55.2	54.5	53.1
Above Normal Water Years	51.7	50.0	46.7	44.6	44.7	47.3	49.4	51.7	51.5	55.7	54.7	53.4
Below Normal Water Years	51.8	50.3	47.0	44.6	45.1	47.5	49.8	51.5	51.5	55.4	54.8	53.6
Dry Water Years	52.3	50.3	47.0	44.9	45.7	47.9	50.1	51.9	51.7	55.6	55.2	54.0
Critical Water Years	54.8	51.9	47.6	45.9	46.9	49.1	51.7	53.6	53.5	56.7	57.0	57.6

Table 5A-D1.6.1-C. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.5	51.8	48.4	46.1	46.8	48.7	51.3	53.2	53.3	56.9	56.6	55.7
20%	53.5	51.3	47.8	45.7	46.2	48.4	50.8	52.8	52.7	56.4	56.0	54.8
30%	52.6	51.0	47.4	45.5	45.9	48.1	50.4	52.3	52.3	56.1	55.5	54.3
40%	52.0	50.3	47.0	45.0	45.5	47.9	50.0	52.1	51.9	55.9	55.2	53.8
50%	51.8	49.9	46.9	44.9	45.2	47.6	49.7	51.8	51.6	55.6	54.9	53.6
60%	51.4	49.7	46.6	44.6	44.9	47.4	49.5	51.5	51.3	55.2	54.6	53.4
70%	50.9	49.5	46.2	44.4	44.6	47.2	49.2	51.2	51.0	54.9	54.4	53.1
80%	50.6	49.1	45.8	44.2	44.2	46.7	48.9	51.0	50.6	54.6	54.0	52.9
90%	50.3	48.4	45.5	43.8	44.0	46.3	48.5	50.4	50.3	54.2	53.6	52.4

Table 5A-D1.6.1-D. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	50.2	46.9	44.9	45.3	47.6	49.9	51.9	51.7	55.6	55.1	53.8
Wet Water Years	50.9	49.3	46.4	44.8	44.8	47.1	49.2	51.5	51.1	55.2	54.5	53.1
Above Normal Water Years	51.6	49.9	46.7	44.6	44.7	47.3	49.4	51.7	51.5	55.7	54.7	53.4
Below Normal Water Years	51.8	50.3	47.0	44.6	45.1	47.5	49.8	51.5	51.5	55.5	54.8	53.6
Dry Water Years	52.3	50.3	47.0	45.0	45.7	47.9	50.1	51.9	51.7	55.6	55.2	54.0
Critical Water Years	54.8	52.1	47.7	45.9	46.9	49.0	51.7	53.6	53.5	56.7	56.9	56.0

Table 5A-D1.6.1-E. Clear Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.4	-0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0
20%	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1
30%	-0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
50%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.6.1-F. Clear Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	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 Water Years	-0.1	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	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 Water Years	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 Water Years	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-1.5

Table 5A-D1.6.1-G. Clear Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.7%	-0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.0%
20%	0.1%	-0.2%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%
30%	-0.5%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	-0.1%	0.0%	0.0%
40%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
50%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%
60%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%
70%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.2%
80%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%
90%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%

Table 5A-D1.6.1-H. Clear Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Dry Water Years	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 Water Years	0.0%	0.2%	0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.2%	-2.7%

Table 5A-D1.6.2-A. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.4	51.9	48.4	46.1	46.8	48.7	51.3	53.2	53.3	57.0	56.5	55.7
20%	53.5	51.3	47.8	45.7	46.2	48.4	50.7	52.7	52.7	56.4	56.1	54.8
30%	52.6	51.0	47.4	45.5	45.9	48.1	50.4	52.3	52.3	56.1	55.4	54.3
40%	52.0	50.3	47.0	45.0	45.5	47.9	50.1	52.1	51.9	55.9	55.2	53.9
50%	51.7	49.9	46.9	44.9	45.2	47.6	49.7	51.8	51.6	55.7	54.9	53.6
60%	51.3	49.7	46.5	44.7	45.0	47.4	49.5	51.5	51.3	55.2	54.6	53.4
70%	51.0	49.5	46.2	44.4	44.5	47.2	49.2	51.2	51.0	54.9	54.4	53.0
80%	50.6	49.1	45.8	44.2	44.2	46.7	48.9	50.9	50.6	54.5	54.0	52.8
90%	50.3	48.3	45.5	43.8	44.0	46.3	48.5	50.5	50.3	54.3	53.6	52.4

Table 5A-D1.6.2-B. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	50.2	46.9	44.9	45.3	47.6	49.9	51.9	51.7	55.6	55.1	53.9
Wet Water Years	50.8	49.3	46.4	44.8	44.8	47.1	49.2	51.5	51.1	55.2	54.5	53.1
Above Normal Water Years	51.7	50.0	46.7	44.7	44.7	47.3	49.4	51.7	51.8	55.7	54.7	53.4
Below Normal Water Years	51.8	50.3	47.0	44.6	45.1	47.5	49.8	51.5	51.5	55.5	54.8	53.6
Dry Water Years	52.3	50.2	47.0	45.0	45.7	47.9	50.1	51.9	51.6	55.6	55.2	54.0
Critical Water Years	54.8	52.1	47.7	45.9	46.9	49.0	51.7	53.6	53.5	56.7	56.9	56.1

Table 5A-D1.6.2-C. Clear Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.4	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	-0.2	0.0
20%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
30%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
40%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Table 5A-D1.6.2-D. Clear Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	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 Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0
Below Normal Water Years	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry Water Years	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 Water Years	0.0	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-1.5

Table 5A-D1.6.2-E. Clear Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.7%	0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.2%	0.0%	-0.3%	0.0%
20%	0.0%	-0.2%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	-0.2%
30%	-0.5%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.0%
40%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
50%	-0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.1%
70%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.1%
80%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.1%	0.0%	0.0%
90%	0.0%	-0.1%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.1%

Table 5A-D1.6.2-F. Clear Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.3%	0.2%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.2%	-2.6%

Table 5A-D1.6.3-A. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.1	51.9	48.2	46.1	46.8	48.6	51.3	53.2	53.3	57.0	56.6	55.7
20%	53.4	51.3	47.7	45.7	46.2	48.4	50.7	52.8	52.8	56.4	56.1	54.8
30%	52.7	51.0	47.3	45.5	45.9	48.1	50.3	52.3	52.4	56.1	55.5	54.3
40%	52.0	50.3	47.0	45.0	45.5	47.9	50.1	52.1	51.9	55.9	55.2	54.0
50%	51.8	49.9	46.9	44.9	45.2	47.6	49.7	51.8	51.7	55.7	54.9	53.6
60%	51.3	49.7	46.6	44.7	45.0	47.4	49.5	51.5	51.4	55.2	54.6	53.4
70%	50.9	49.5	46.2	44.4	44.6	47.2	49.2	51.2	51.0	54.9	54.4	53.1
80%	50.6	49.1	45.8	44.2	44.2	46.7	48.9	51.0	50.6	54.5	54.0	52.8
90%	50.3	48.3	45.5	43.8	44.0	46.3	48.6	50.5	50.3	54.3	53.7	52.4

Table 5A-D1.6.3-B. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	50.2	46.9	44.9	45.3	47.6	49.9	51.9	51.8	55.6	55.1	53.9
Wet Water Years	50.8	49.3	46.5	44.8	44.8	47.1	49.2	51.6	51.2	55.2	54.5	53.1
Above Normal Water Years	51.6	49.9	46.7	44.6	44.7	47.3	49.4	51.7	51.8	55.7	54.7	53.4
Below Normal Water Years	51.8	50.3	47.0	44.6	45.1	47.5	49.8	51.5	51.5	55.4	54.8	53.6
Dry Water Years	52.3	50.3	47.0	45.0	45.7	47.9	50.1	51.9	51.7	55.6	55.2	54.0
Critical Water Years	54.7	51.9	47.6	45.9	46.9	49.0	51.7	53.5	53.5	56.7	56.9	56.1

Table 5A-D1.6.3-C. Clear Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0
20%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1
30%	-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%	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%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Table 5A-D1.6.3-D. Clear Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	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 Water Years	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-1.5

Table 5A-D1.6.3-E. Clear Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.2%	0.0%
20%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%
30%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.1%
40%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%
50%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
60%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.1%	0.0%	0.0%	0.2%
80%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%
90%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.1%	0.1%

Table 5A-D1.6.3-F. Clear Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.4%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%	-2.6%

Table 5A-D1.6.4-A. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.5	51.9	48.4	46.1	46.8	48.6	51.3	53.2	53.3	57.0	56.5	55.7
20%	53.4	51.3	47.8	45.7	46.2	48.4	50.7	52.7	52.8	56.4	56.1	54.8
30%	52.6	50.9	47.4	45.5	45.9	48.1	50.3	52.3	52.4	56.1	55.5	54.3
40%	52.0	50.3	47.0	45.0	45.5	47.9	50.1	52.1	51.9	55.9	55.2	53.9
50%	51.7	49.9	46.9	44.9	45.2	47.6	49.7	51.8	51.7	55.7	54.9	53.6
60%	51.3	49.7	46.5	44.7	45.0	47.4	49.5	51.5	51.4	55.2	54.6	53.4
70%	51.0	49.5	46.2	44.4	44.6	47.2	49.2	51.2	51.0	54.9	54.4	53.0
80%	50.6	49.1	45.8	44.2	44.2	46.7	48.9	51.0	50.6	54.6	54.0	52.8
90%	50.3	48.3	45.5	43.8	44.0	46.3	48.5	50.5	50.3	54.3	53.6	52.3

Table 5A-D1.6.4-B. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	50.2	46.9	44.9	45.3	47.6	49.9	51.9	51.7	55.6	55.1	53.9
Wet Water Years	50.8	49.3	46.4	44.8	44.8	47.1	49.2	51.5	51.2	55.2	54.5	53.1
Above Normal Water Years	51.7	49.9	46.7	44.6	44.7	47.3	49.4	51.7	51.8	55.7	54.7	53.4
Below Normal Water Years	51.8	50.3	47.0	44.6	45.1	47.5	49.8	51.5	51.5	55.5	54.8	53.6
Dry Water Years	52.3	50.2	47.0	45.0	45.7	47.9	50.1	51.9	51.7	55.6	55.2	54.0
Critical Water Years	54.8	52.1	47.7	45.9	46.9	49.0	51.7	53.6	53.5	56.7	56.9	56.1

Table 5A-D1.6.4-C. Clear Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.4	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	0.0
20%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	-0.1
30%	-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%	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%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.1
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0

Table 5A-D1.6.4-D. Clear Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Below Normal Water Years	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Dry Water Years	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 Water Years	0.0	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-1.5

Table 5A-D1.6.4-E. Clear Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.8%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.3%	0.1%	-0.2%	0.0%
20%	0.0%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.2%
30%	-0.4%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
40%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%
50%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%
60%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
70%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.1%	0.0%	0.0%	0.1%
80%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%

Table 5A-D1.6.4-F. Clear Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.4%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.3%	0.2%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%	-2.7%

Table 5A-D1.6.5-A. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.1	51.9	48.2	46.1	46.8	48.6	51.3	53.2	53.3	57.0	56.6	55.7
20%	53.4	51.3	47.7	45.7	46.2	48.4	50.7	52.8	52.7	56.4	56.1	54.8
30%	52.7	50.9	47.3	45.5	45.9	48.1	50.3	52.3	52.4	56.1	55.5	54.3
40%	52.0	50.3	47.0	45.0	45.5	47.9	50.1	52.1	51.9	55.9	55.2	54.0
50%	51.7	49.9	46.9	44.8	45.2	47.6	49.7	51.8	51.7	55.7	54.9	53.6
60%	51.3	49.7	46.5	44.7	45.0	47.4	49.5	51.5	51.4	55.2	54.6	53.4
70%	50.9	49.5	46.2	44.4	44.6	47.2	49.2	51.2	51.0	54.9	54.4	53.0
80%	50.6	49.1	45.8	44.2	44.2	46.7	48.9	51.0	50.6	54.5	54.0	52.8
90%	50.3	48.3	45.5	43.8	44.0	46.3	48.6	50.5	50.3	54.3	53.6	52.4

Table 5A-D1.6.5-B. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	50.2	46.9	44.9	45.3	47.6	49.9	51.9	51.7	55.6	55.1	53.9
Wet Water Years	50.8	49.3	46.5	44.8	44.8	47.1	49.2	51.6	51.2	55.2	54.5	53.1
Above Normal Water Years	51.6	49.9	46.7	44.6	44.7	47.3	49.4	51.7	51.8	55.7	54.7	53.4
Below Normal Water Years	51.8	50.3	47.0	44.6	45.1	47.5	49.8	51.5	51.5	55.4	54.8	53.6
Dry Water Years	52.3	50.3	47.0	45.0	45.7	47.9	50.1	51.9	51.7	55.6	55.2	54.0
Critical Water Years	54.7	51.9	47.6	45.9	46.9	49.0	51.7	53.6	53.4	56.7	56.9	56.1

Table 5A-D1.6.5-C. Clear Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
20%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
30%	-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%	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%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.1
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Table 5A-D1.6.5-D. Clear Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	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 Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-1.5

Table 5A-D1.6.5-E. Clear Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.2%	0.0%
20%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%
30%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%
40%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
50%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%
70%	-0.1%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.2%	0.1%	0.0%	0.0%	0.1%
80%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%
90%	0.1%	-0.1%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.1%

Table 5A-D1.6.5-F. Clear Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.2%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%	-2.6%

Figure 5A-D1.6.1. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

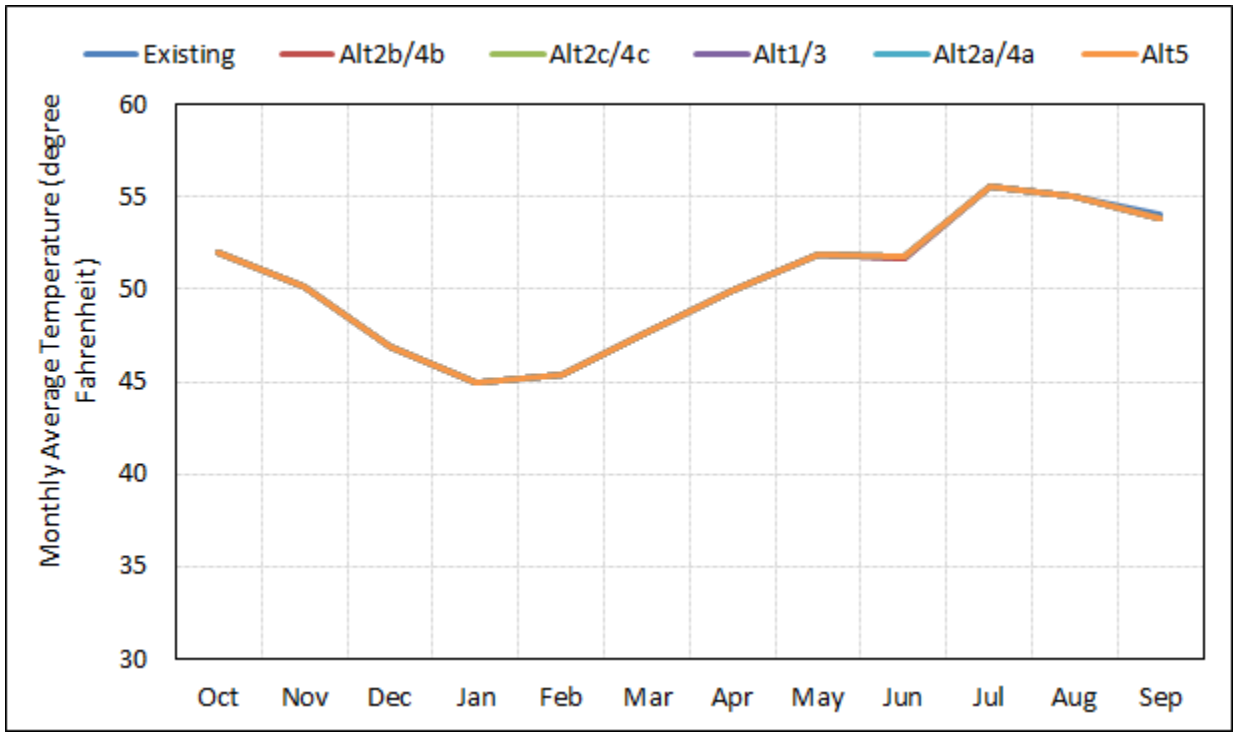


Figure 5A-D1.6.2. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

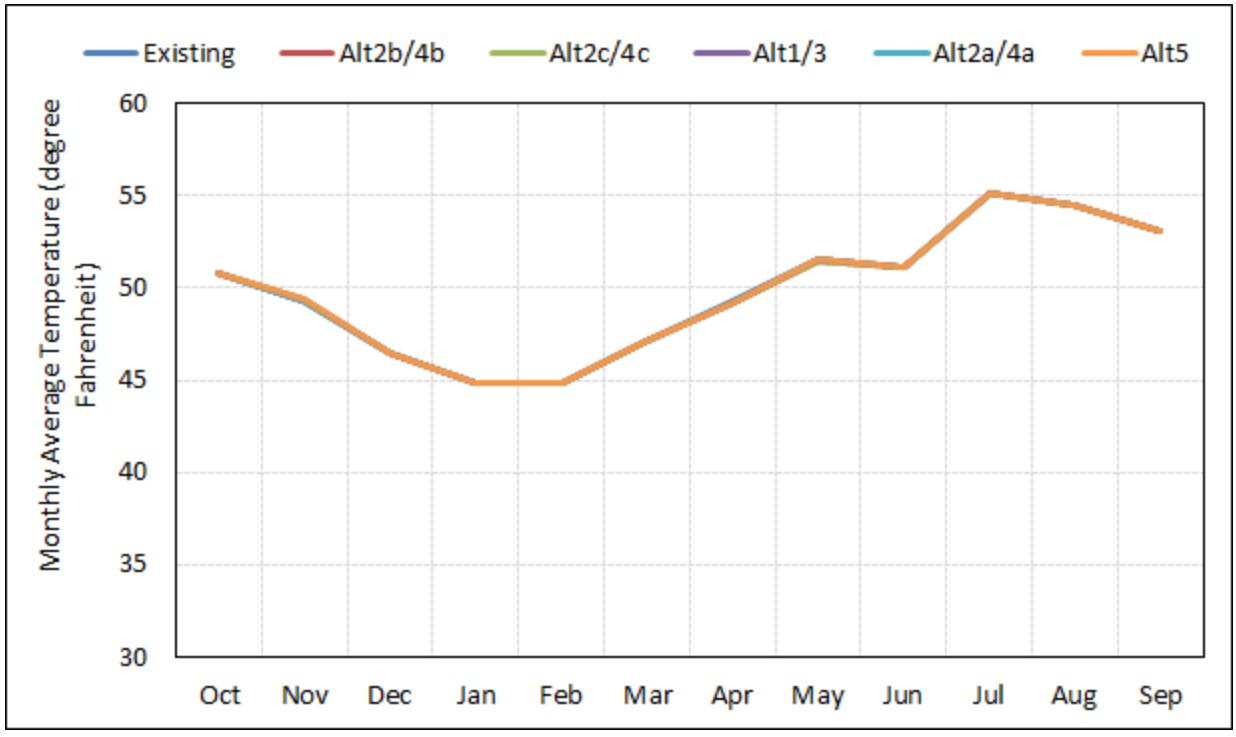


Figure 5A-D1.6.3. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

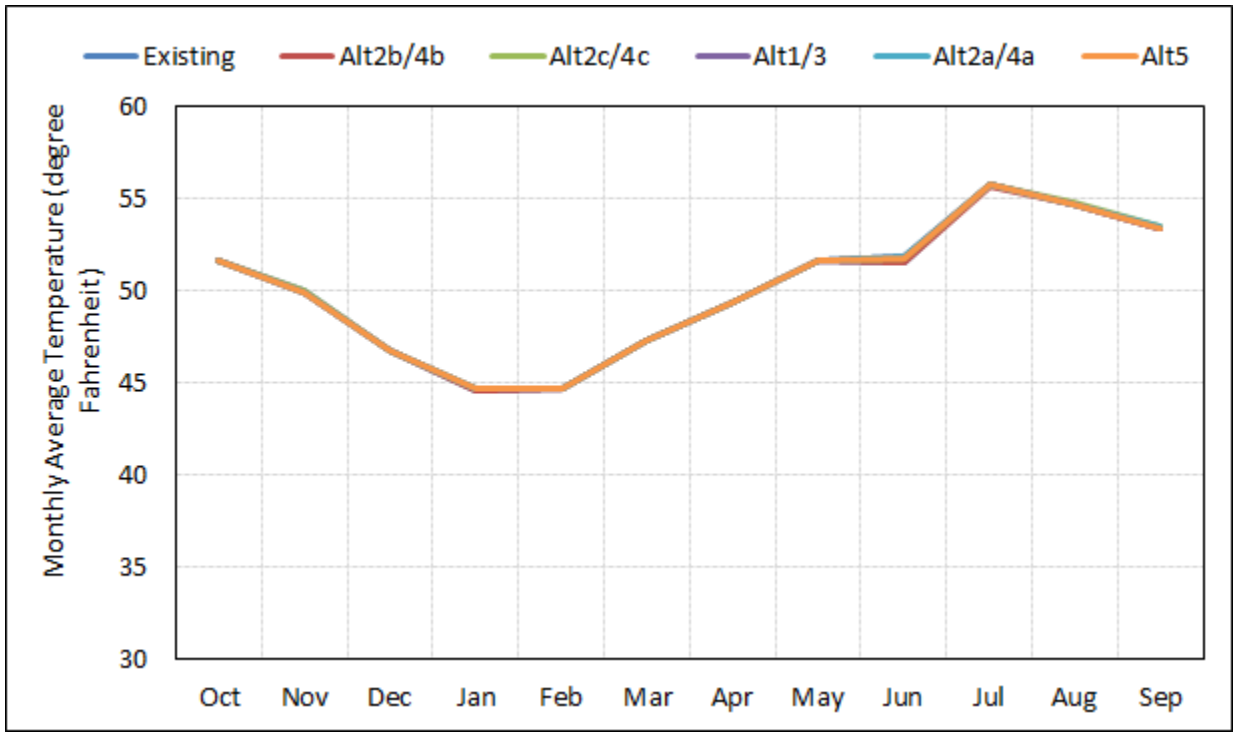


Figure 5A-D1.6.4. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

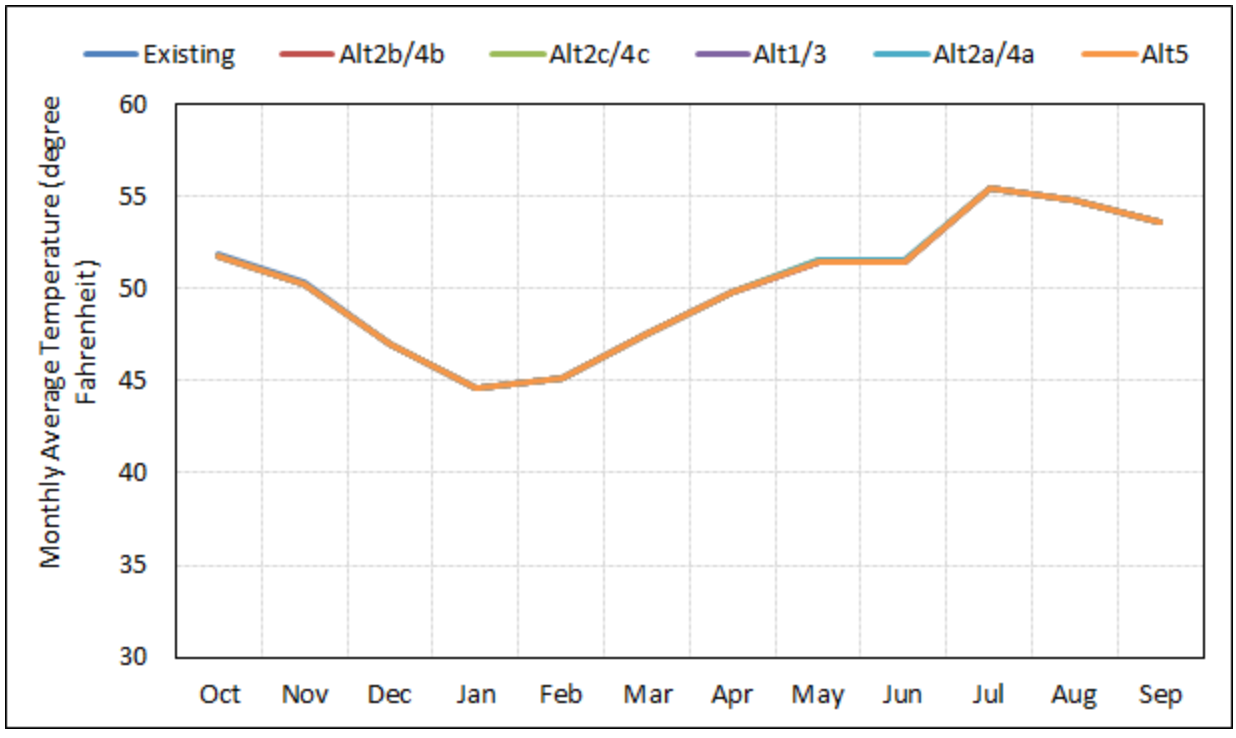


Figure 5A-D1.6.5. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

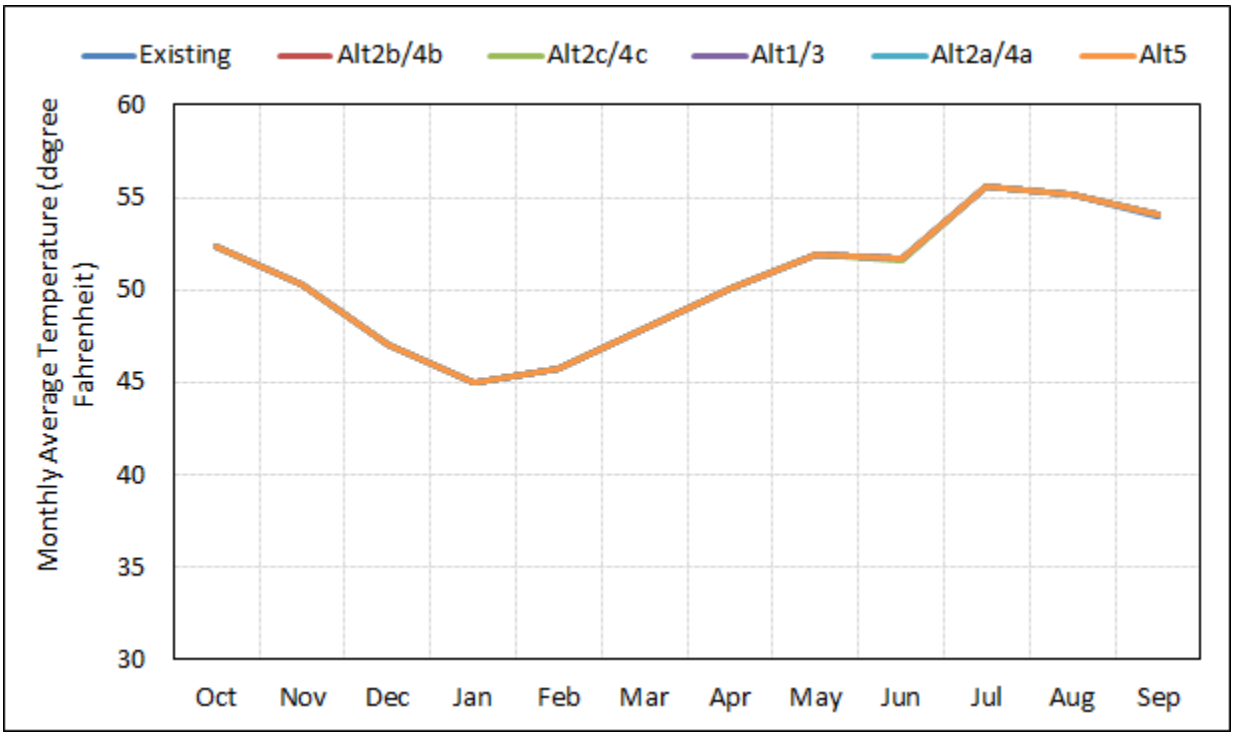


Figure 5A-D1.6.6. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

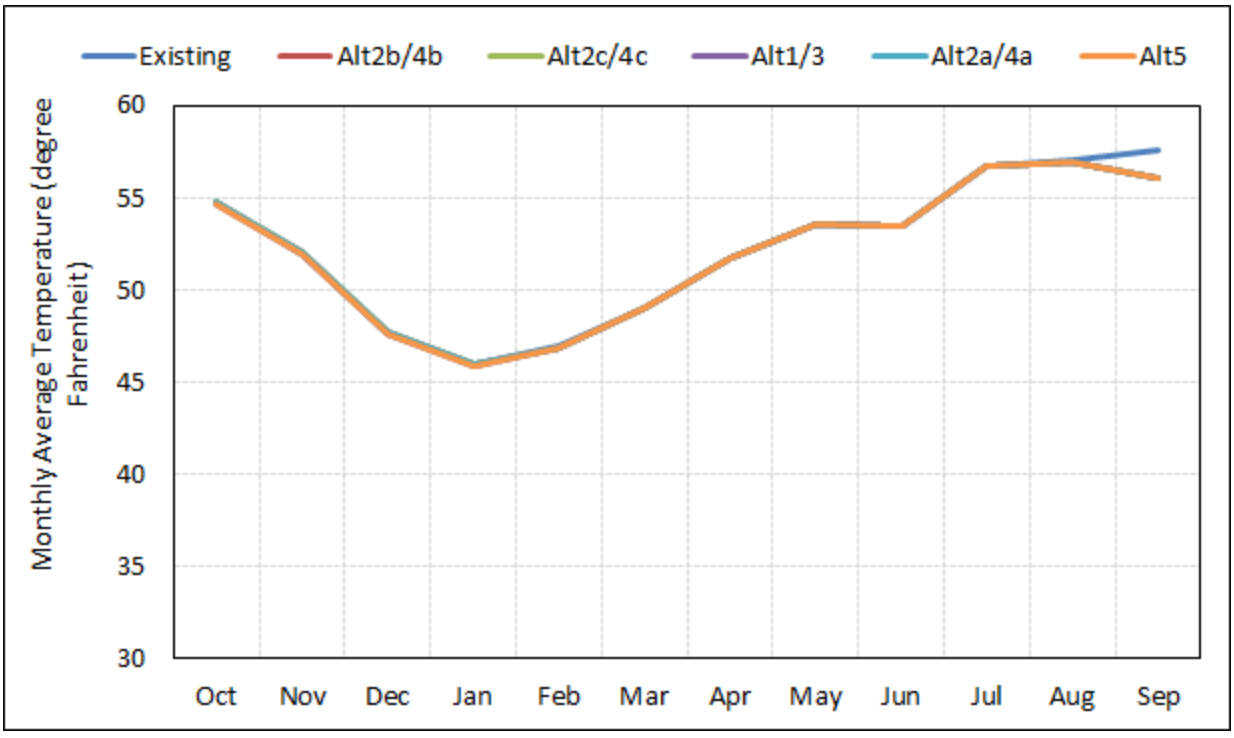


Figure 5A-D1.6.7. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

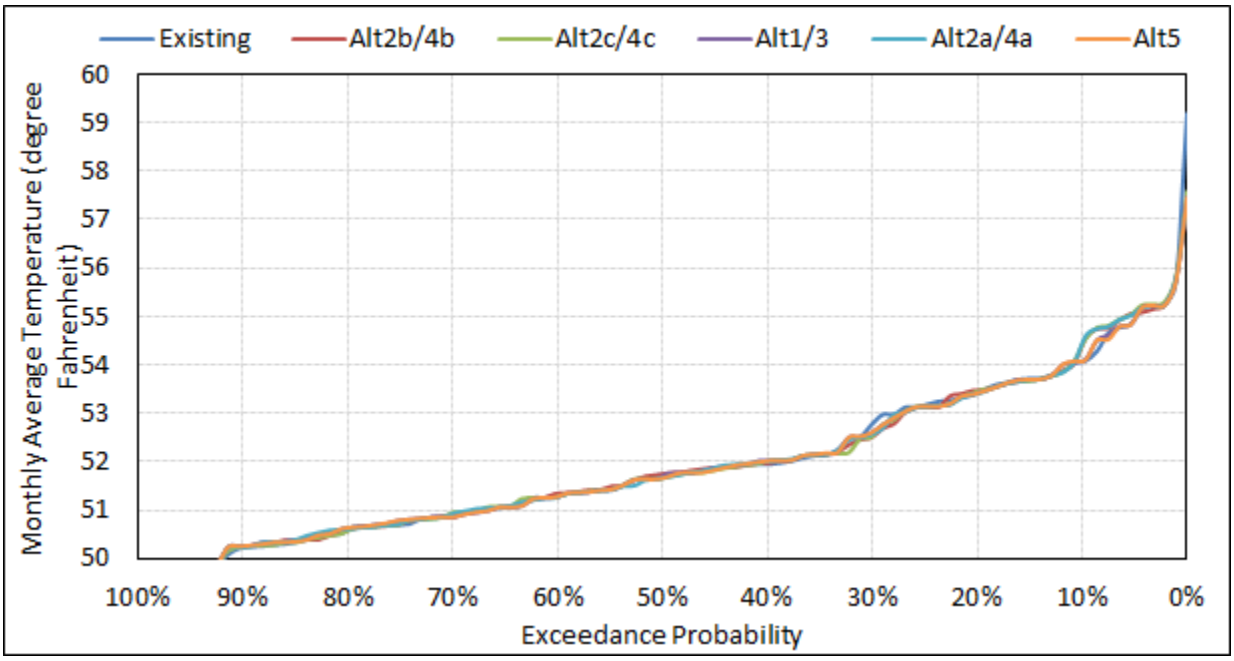


Figure 5A-D1.6.8. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

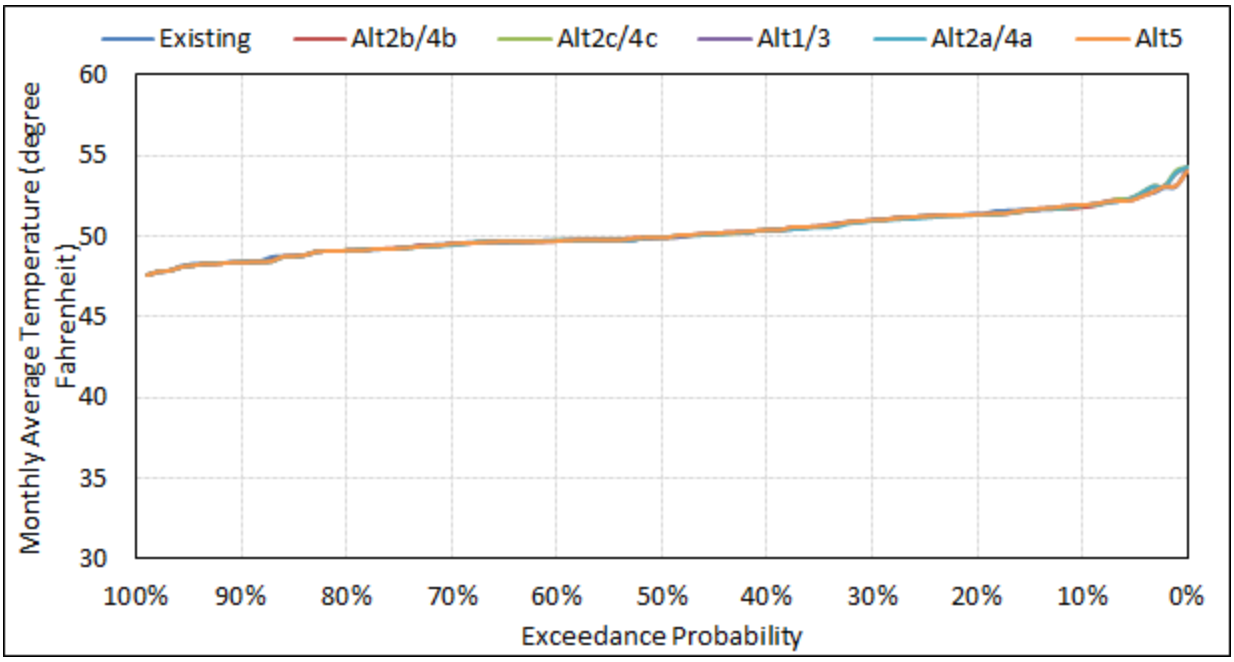


Figure 5A-D1.6.9. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

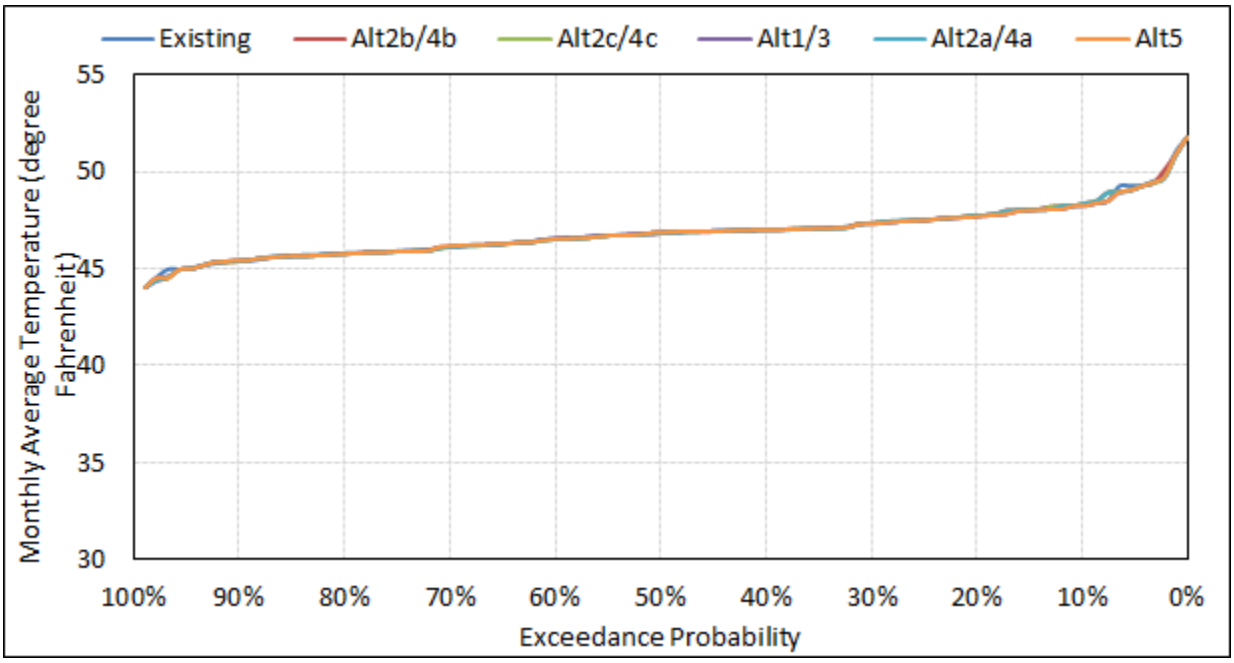


Figure 5A-D1.6.10. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

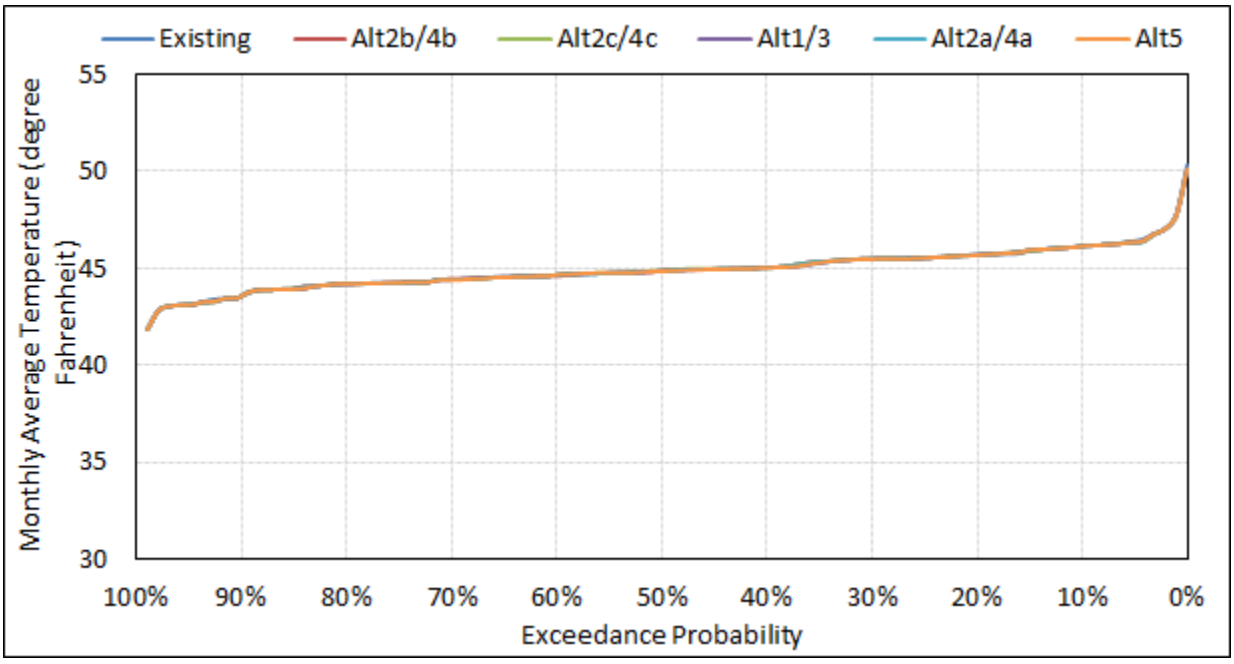


Figure 5A-D1.6.11. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

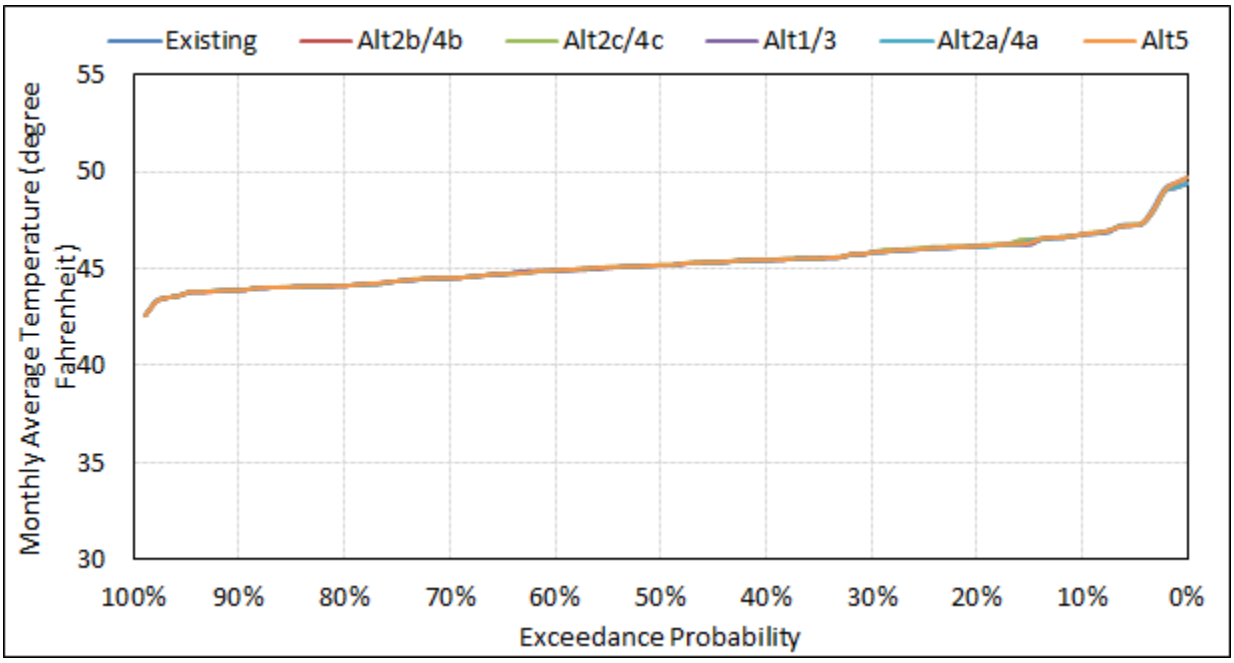


Figure 5A-D1.6.12. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

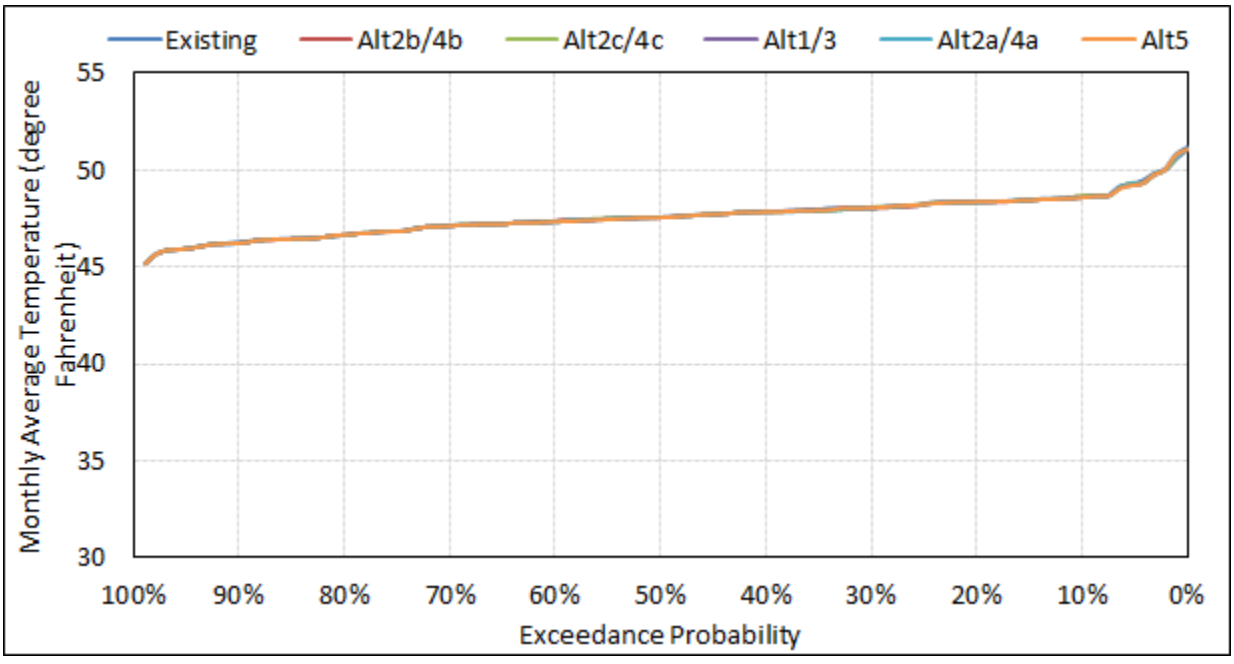


Figure 5A-D1.6.13. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

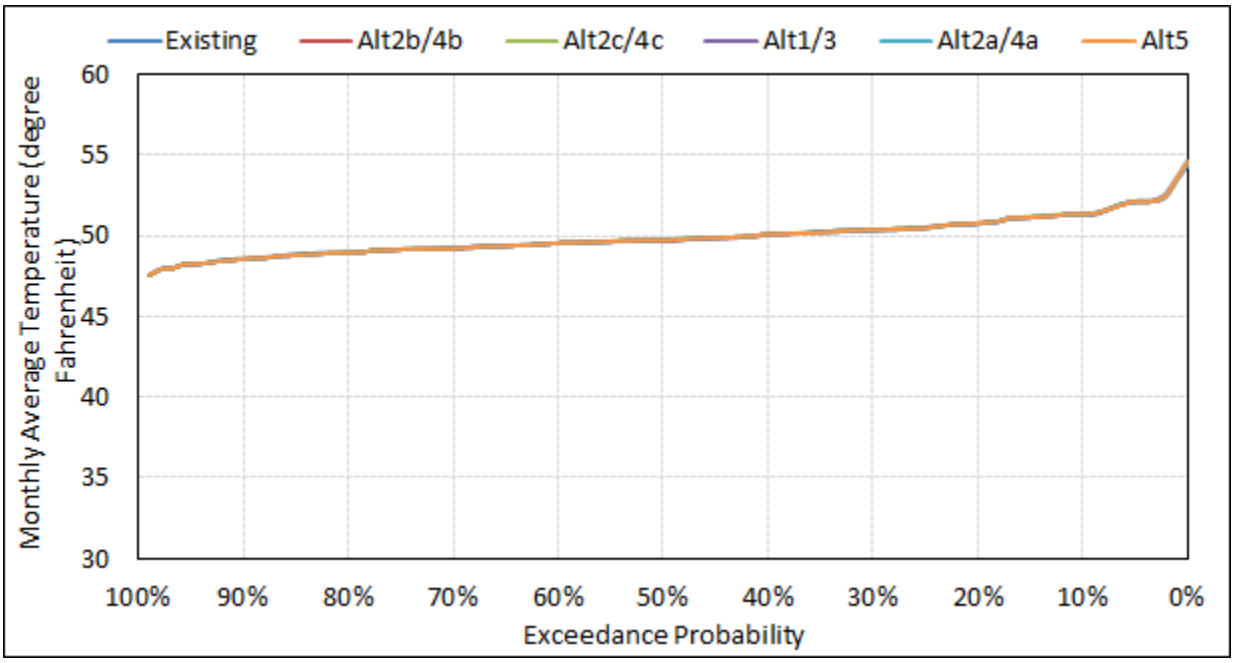


Figure 5A-D1.6.14. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

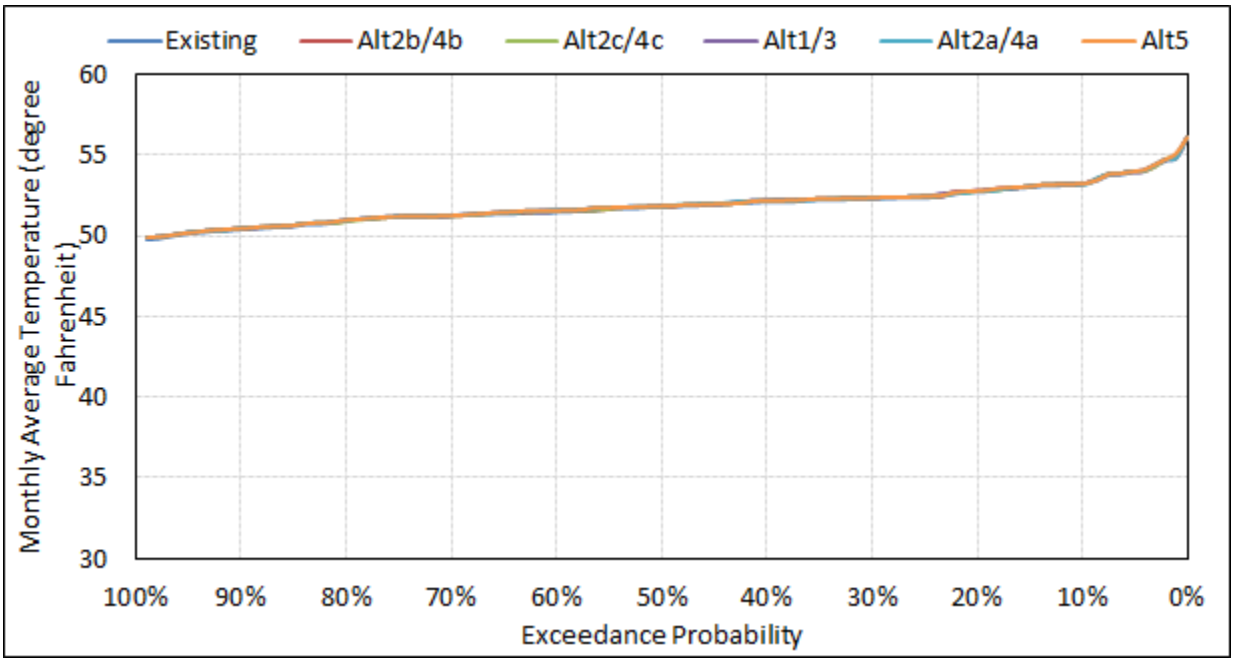


Figure 5A-D1.6.15. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

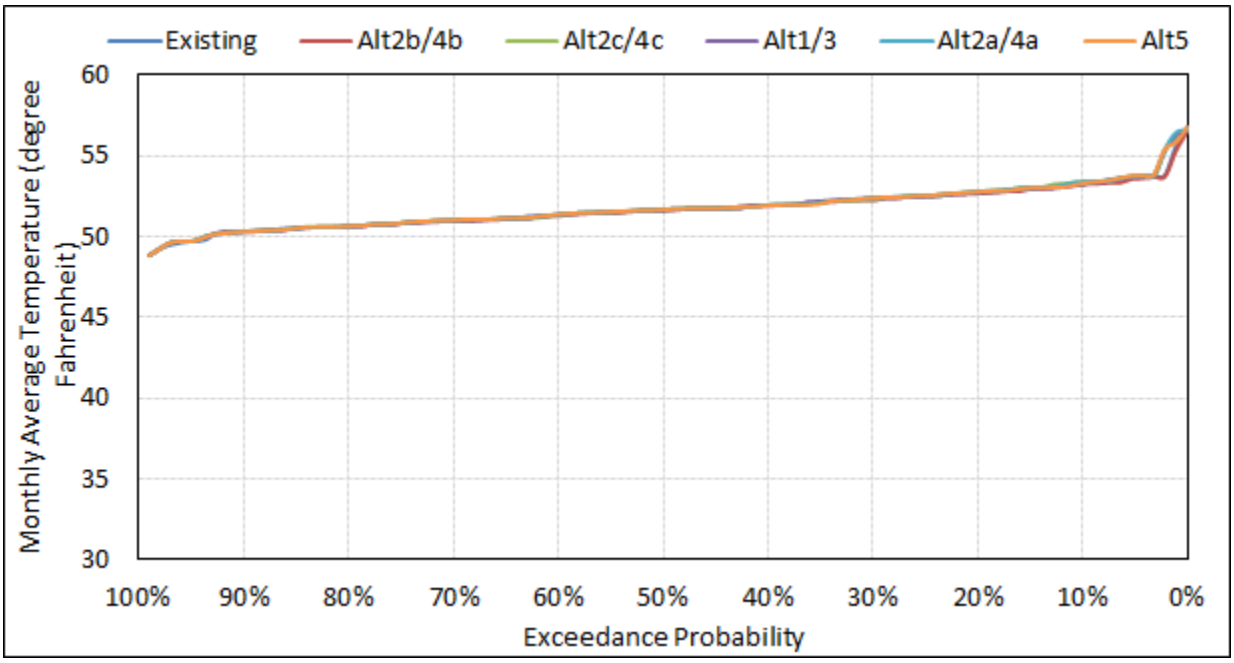


Figure 5A-D1.6.16. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

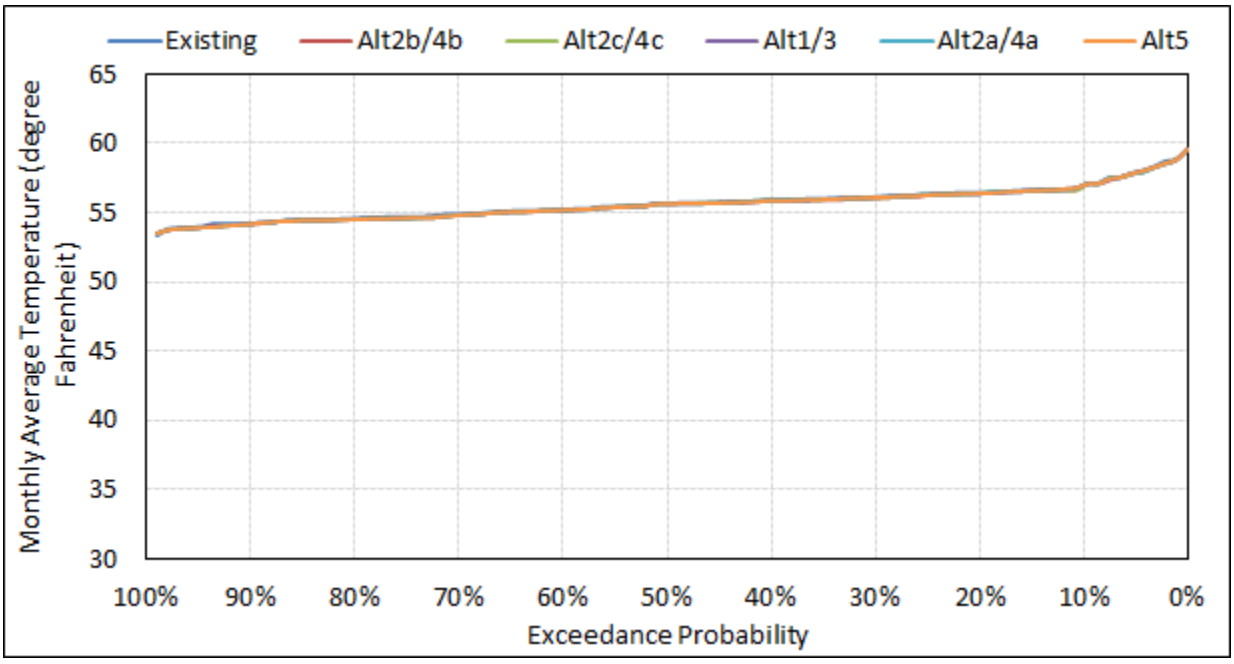


Figure 5A-D1.6.17. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

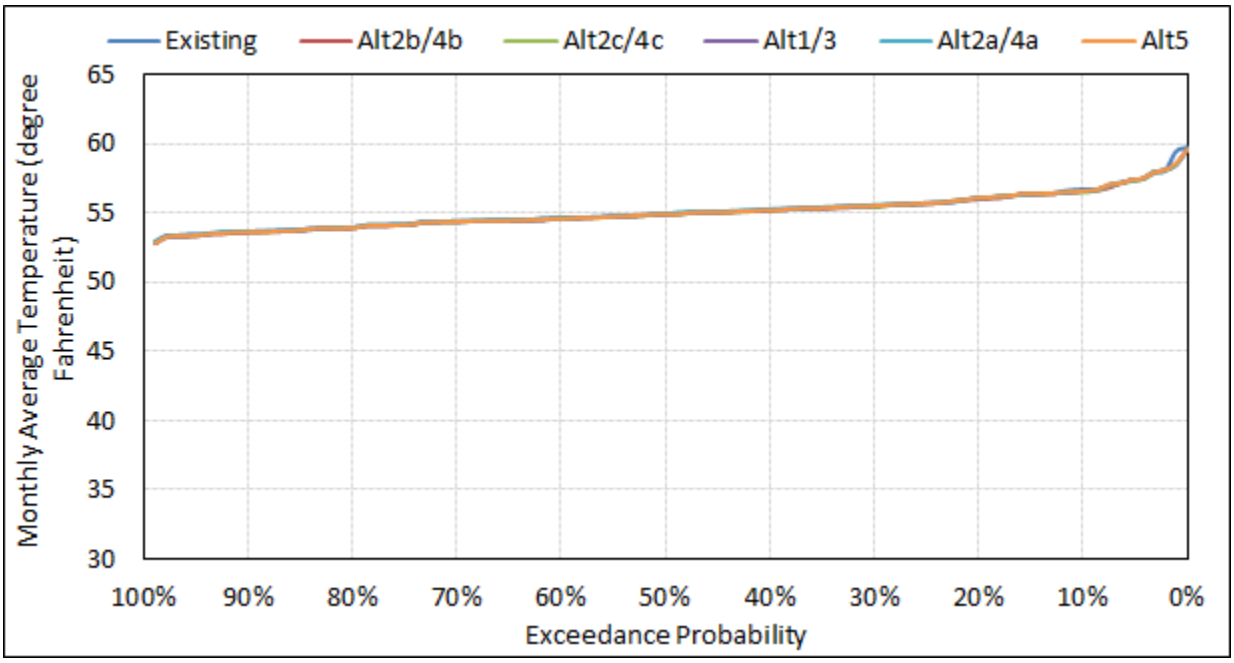


Figure 5A-D1.6.18. Clear Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

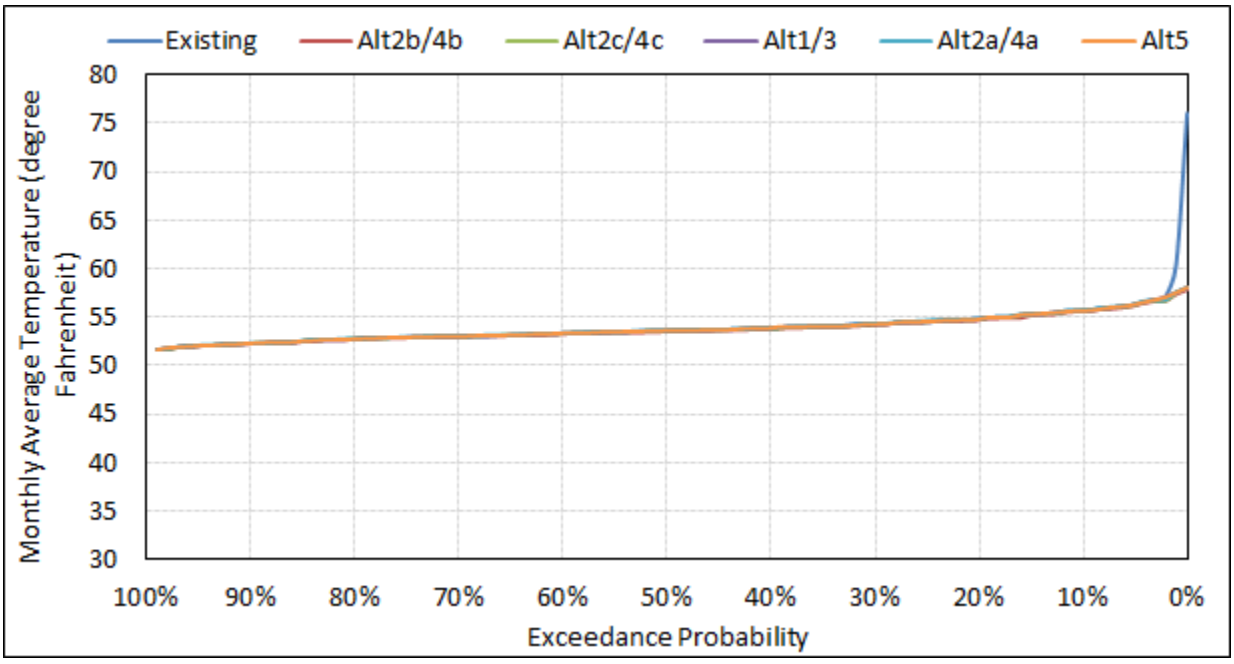
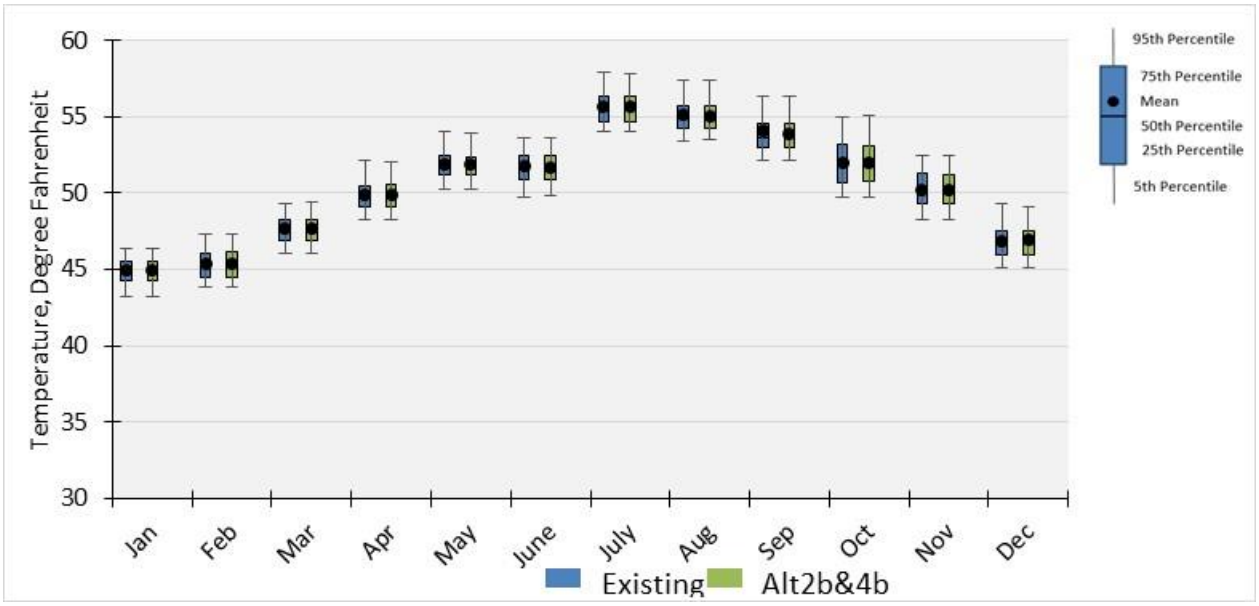


Figure 5A-D1.6.19. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



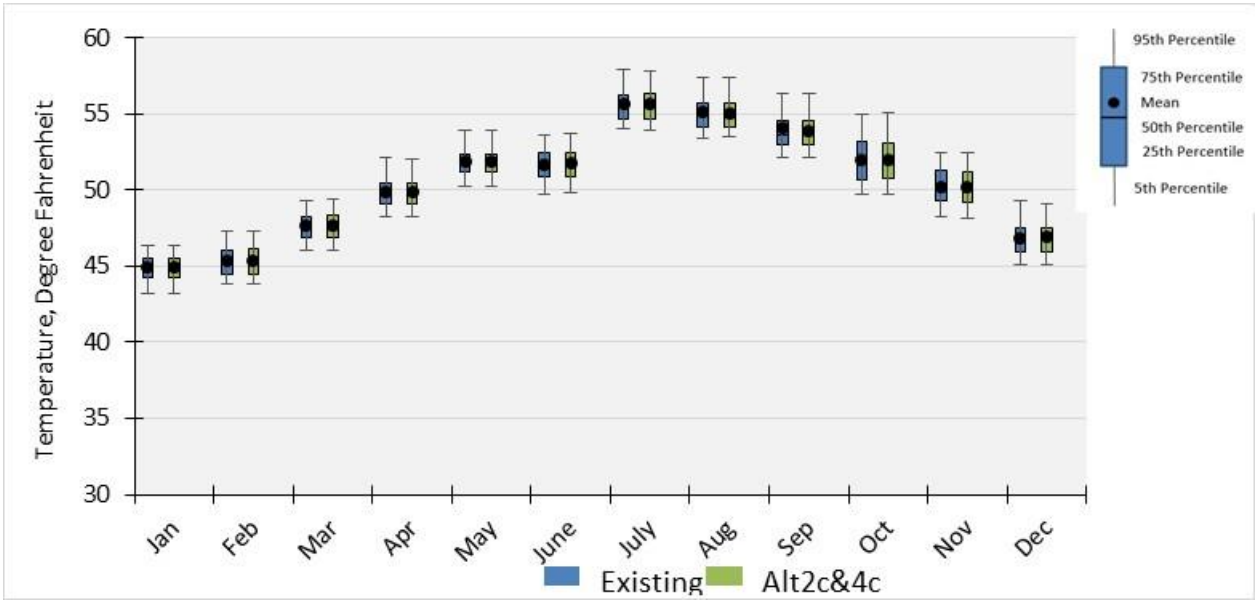
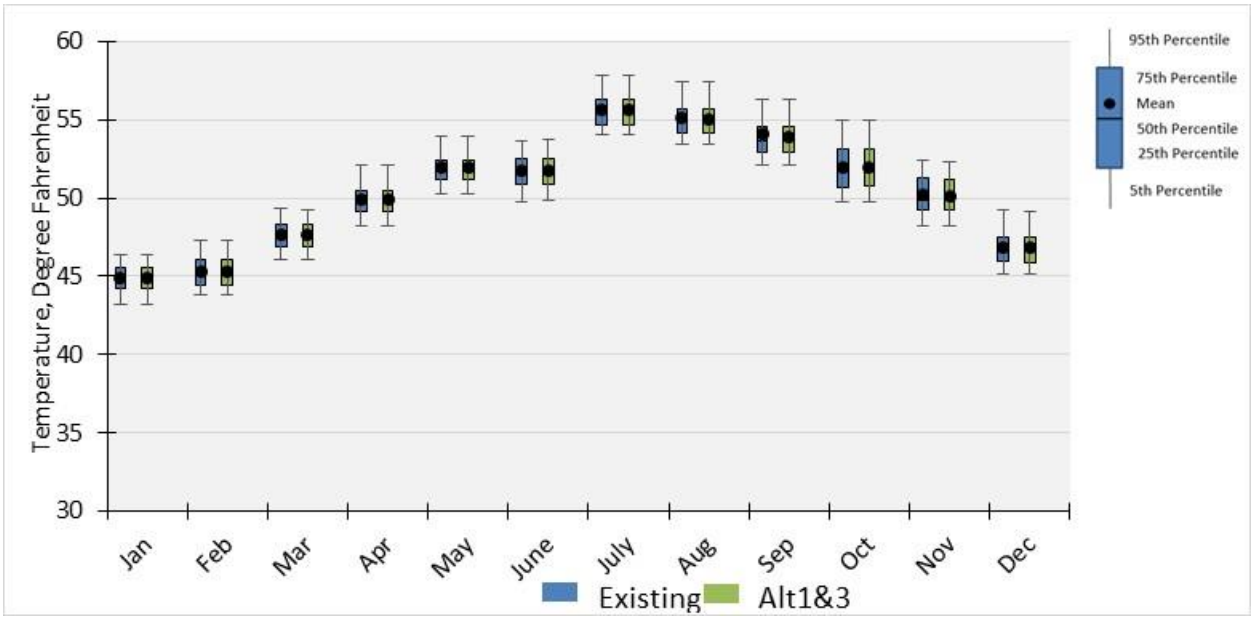


Figure 5A-D1.6.20. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



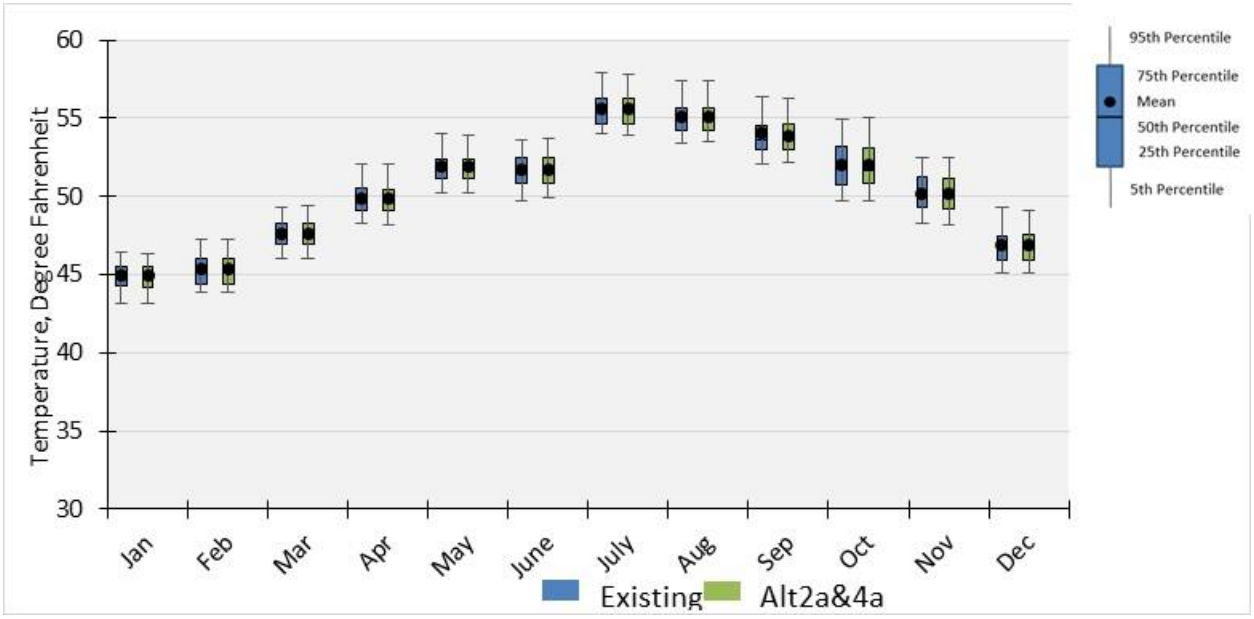


Figure 5A-D1.6.21. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

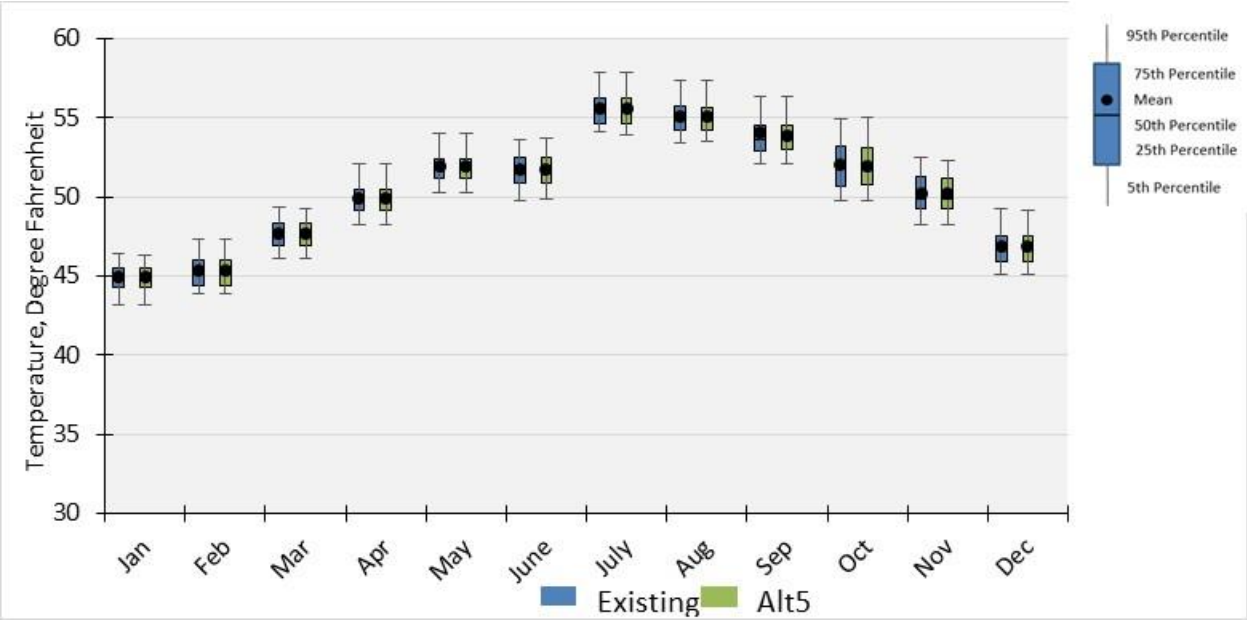
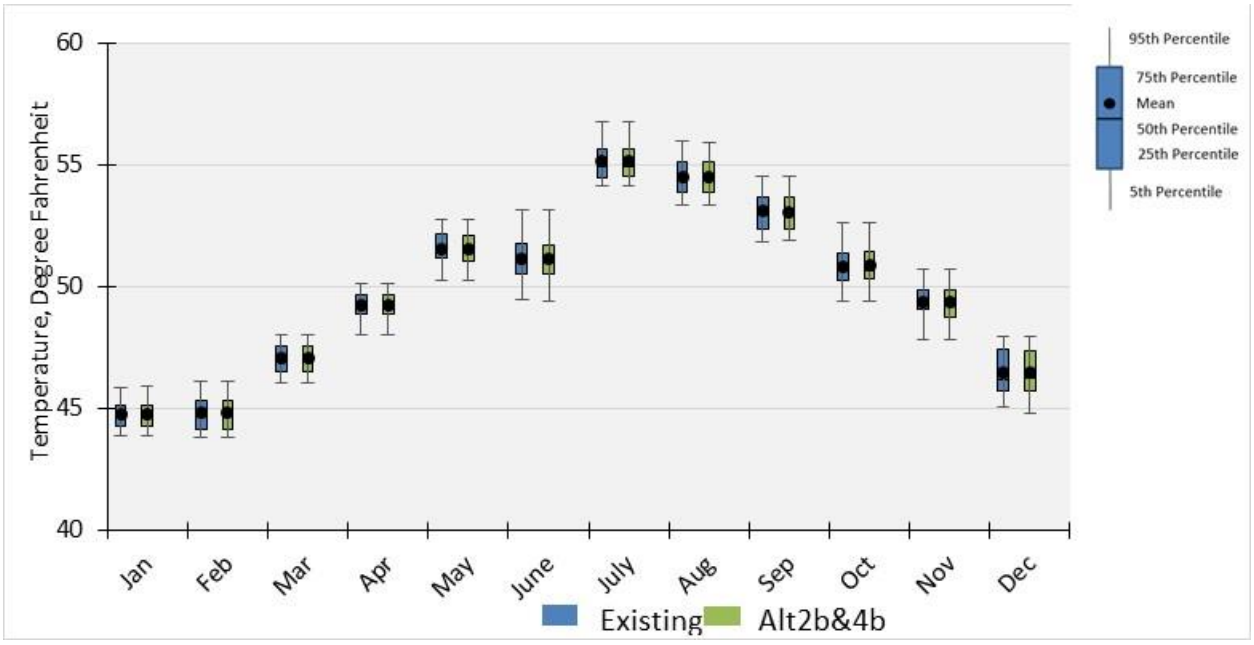


Figure 5A-D1.6.22. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



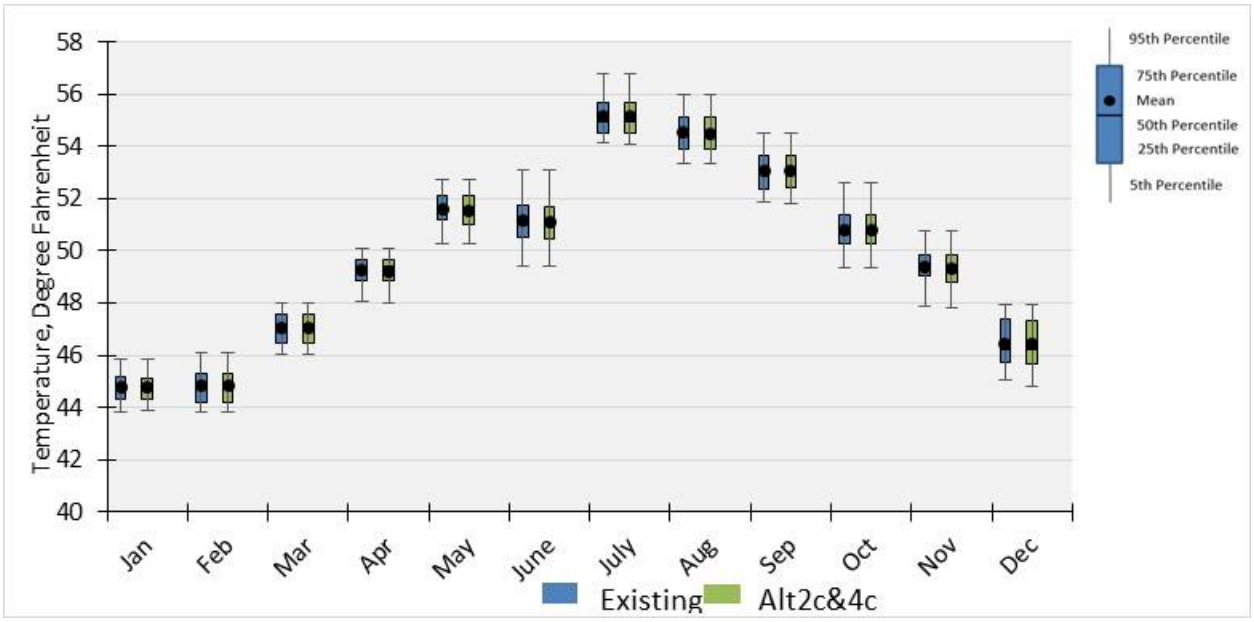
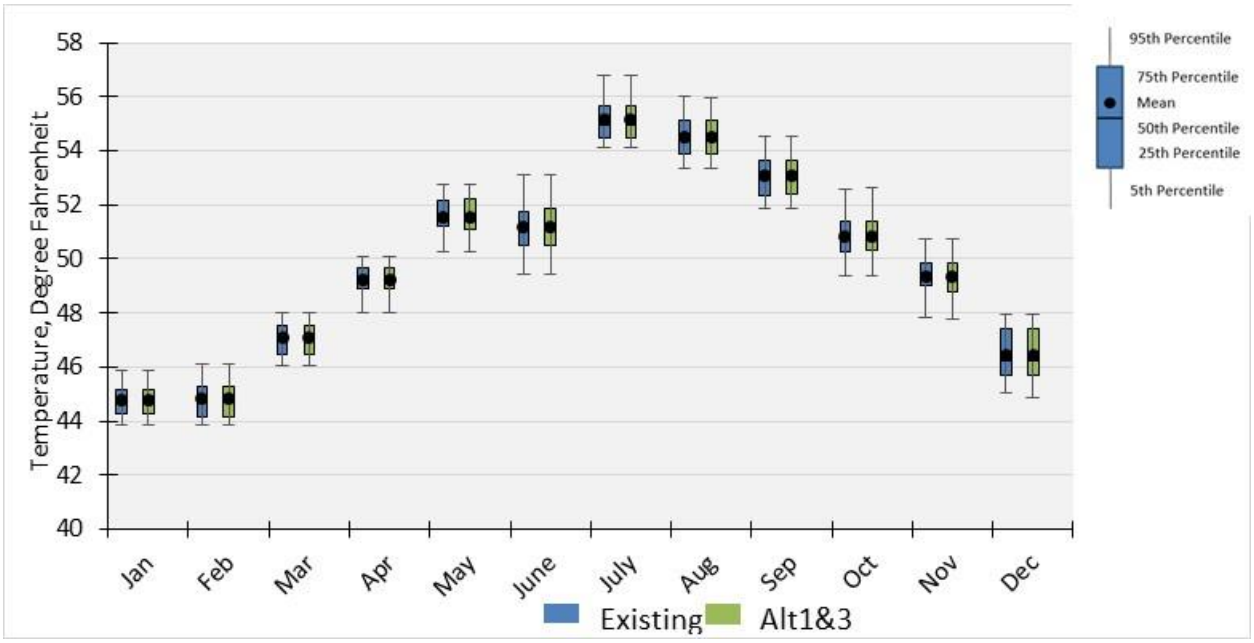


Figure 5A-D1.6.23. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



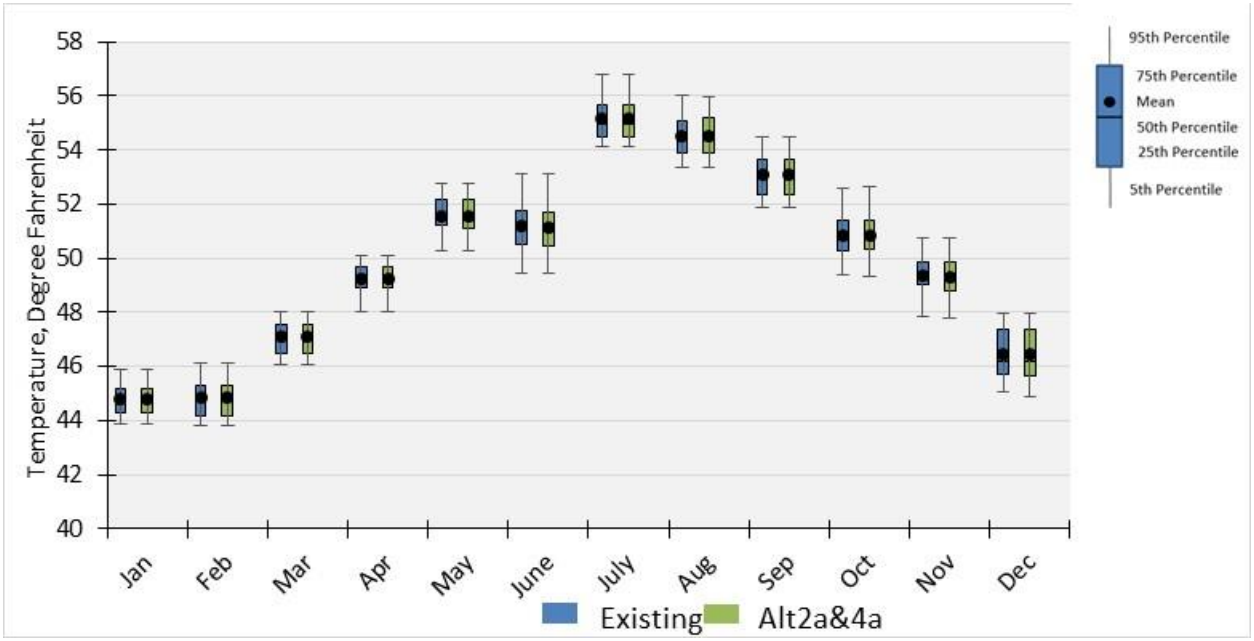


Figure 5A-D1.6.24. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

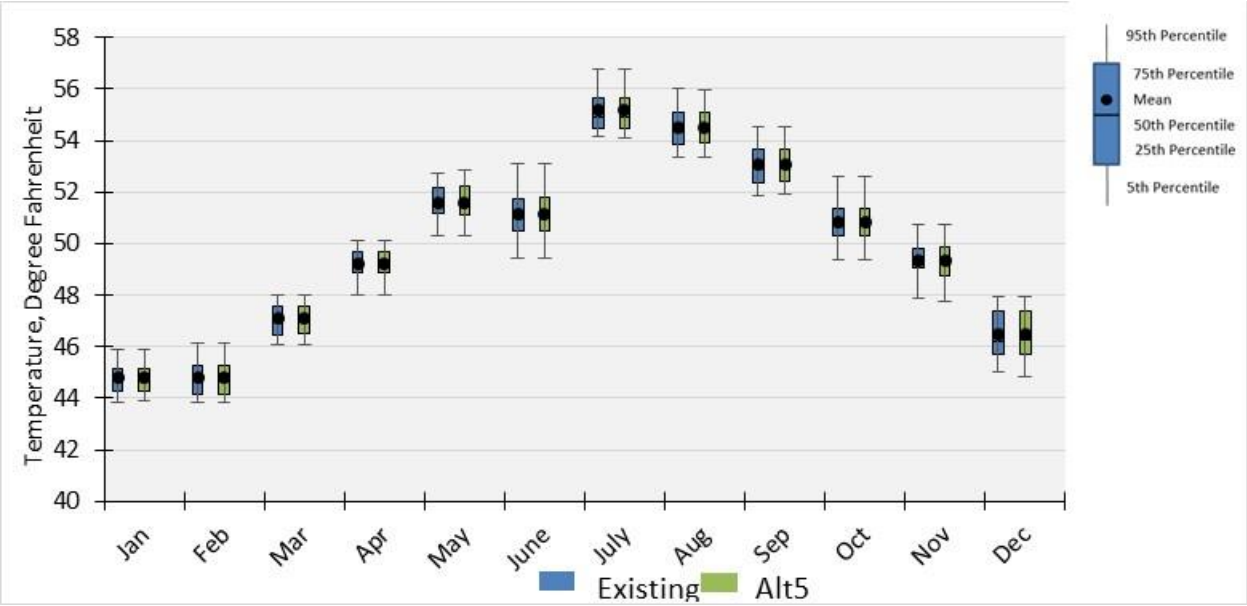
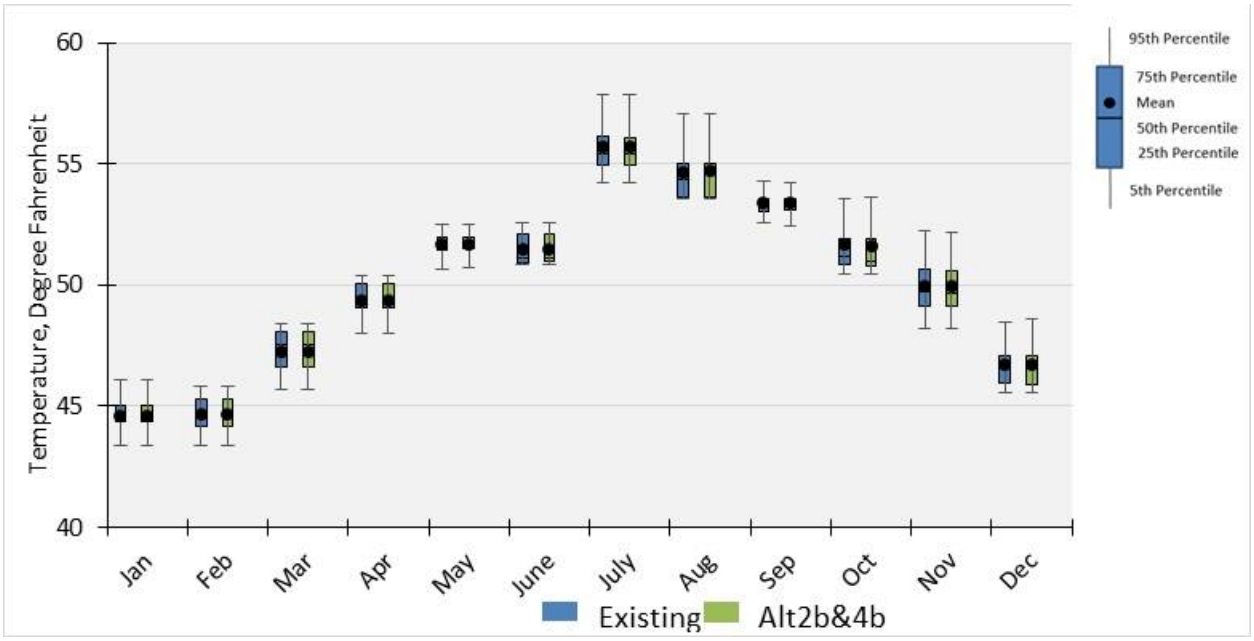


Figure 5A-D1.6.25. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



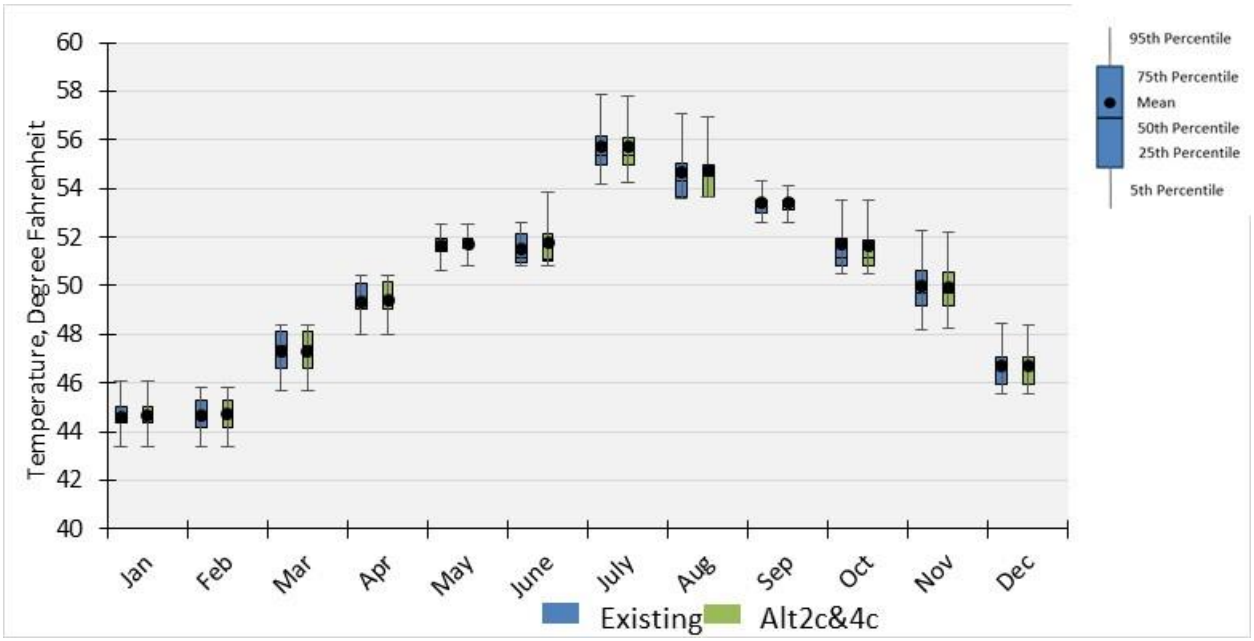
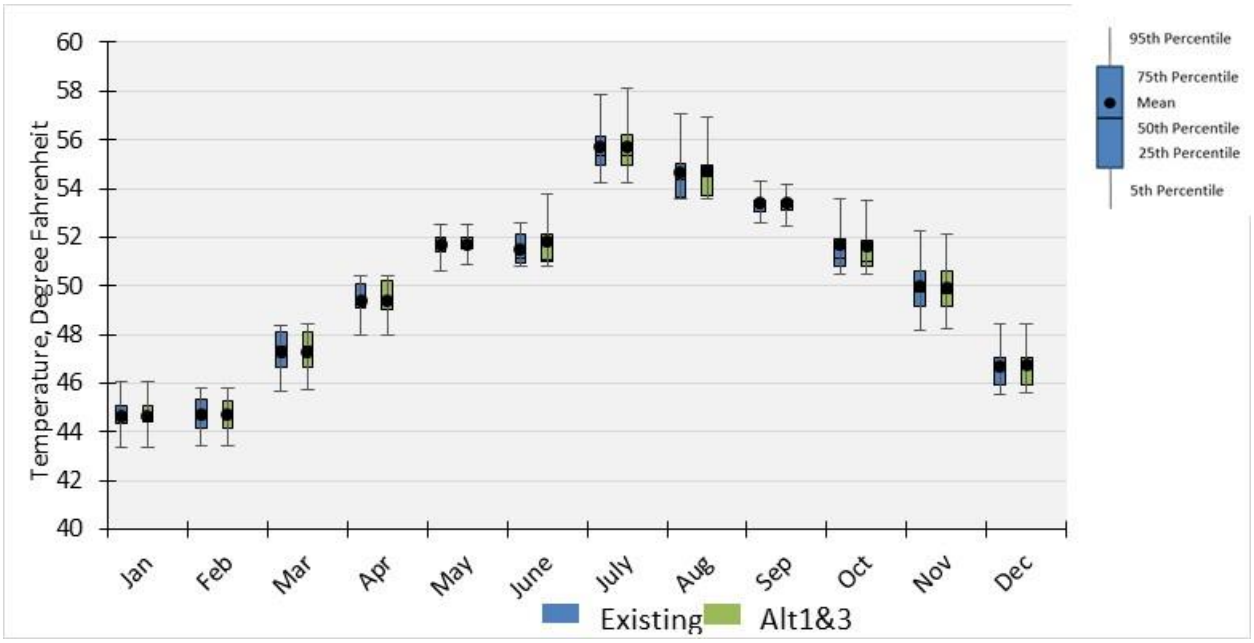


Figure 5A-D1.6.26. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



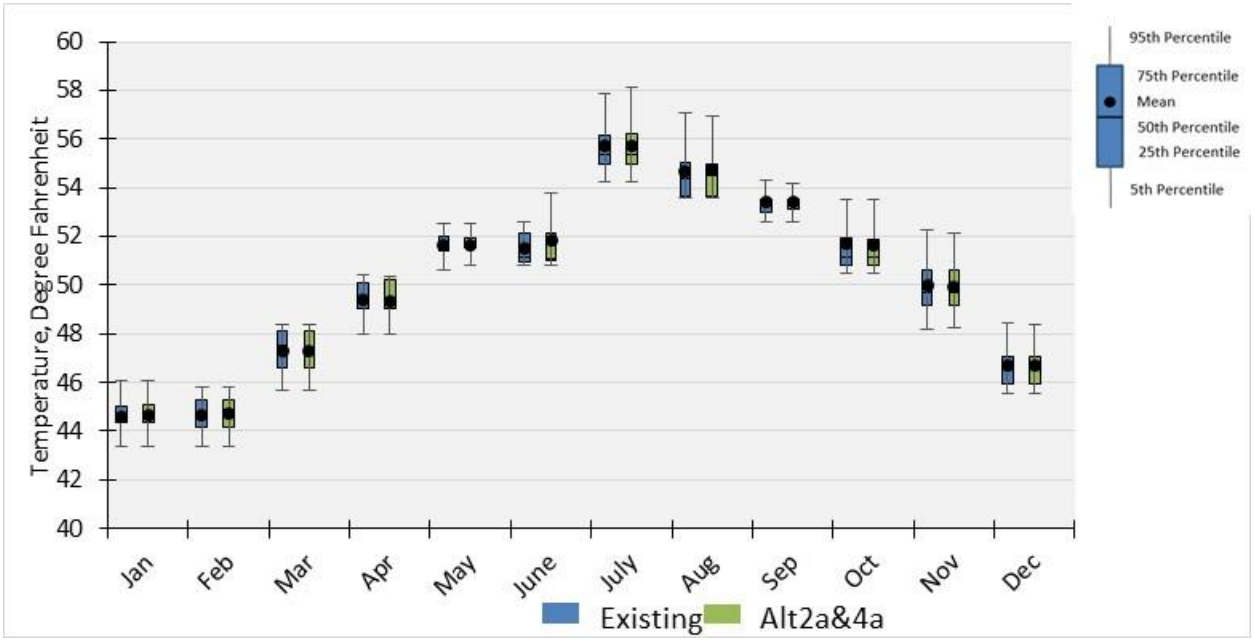


Figure 5A-D1.6.27. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

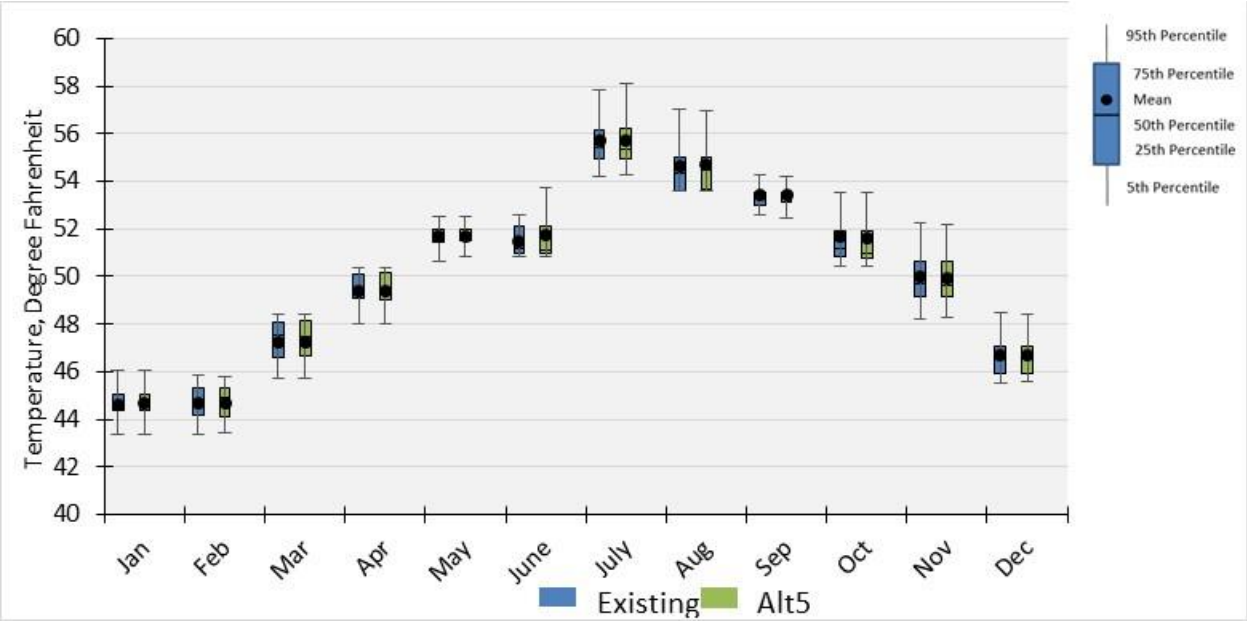
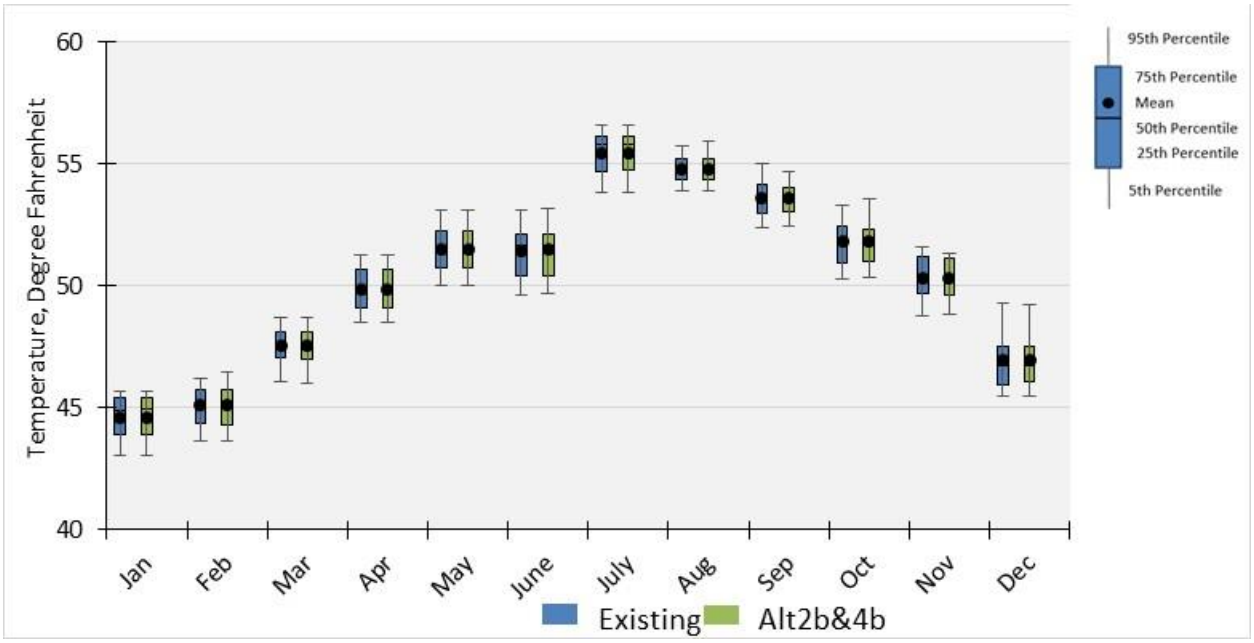


Figure 5A-D1.6.28. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



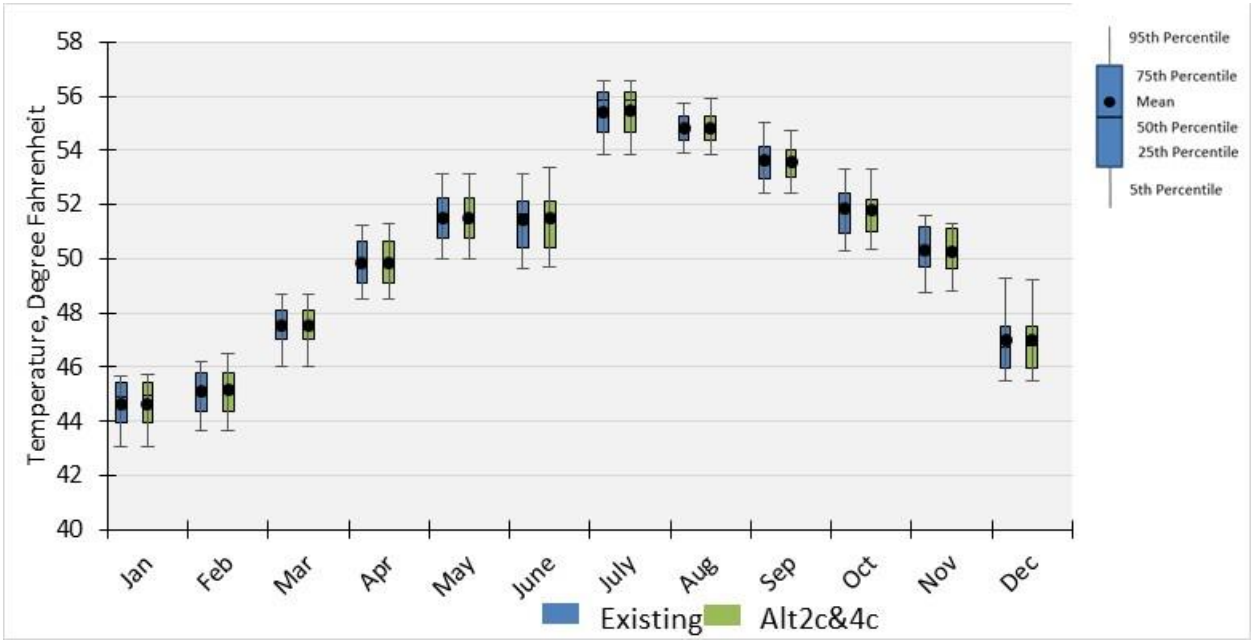
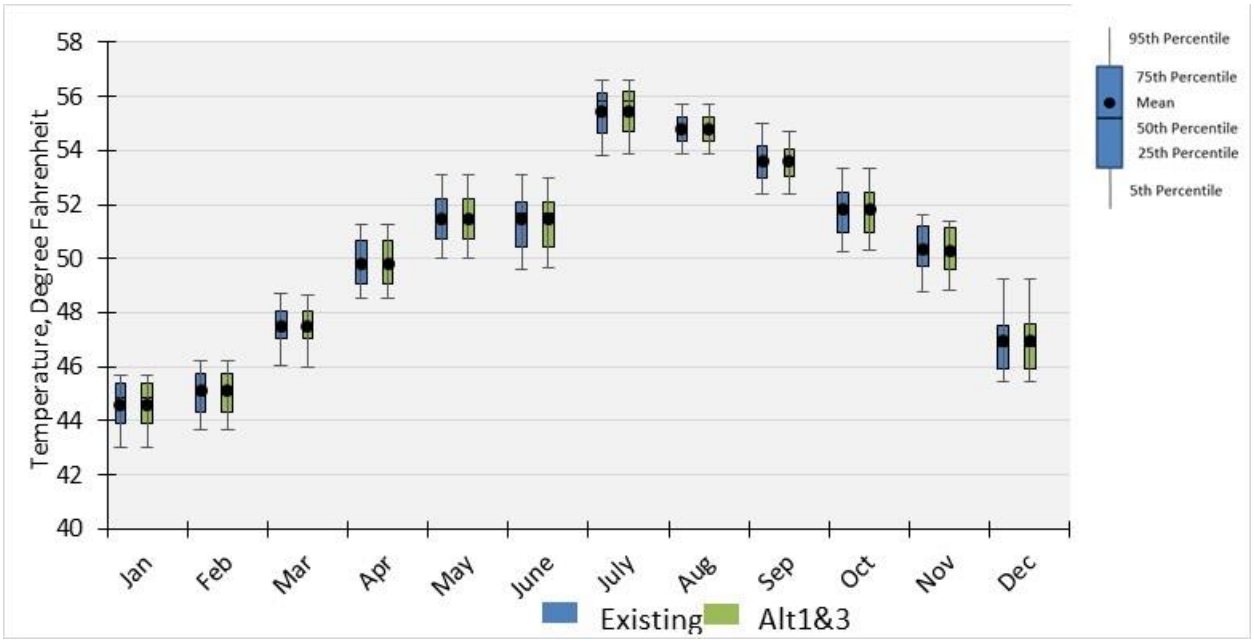


Figure 5A-D1.6.29. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



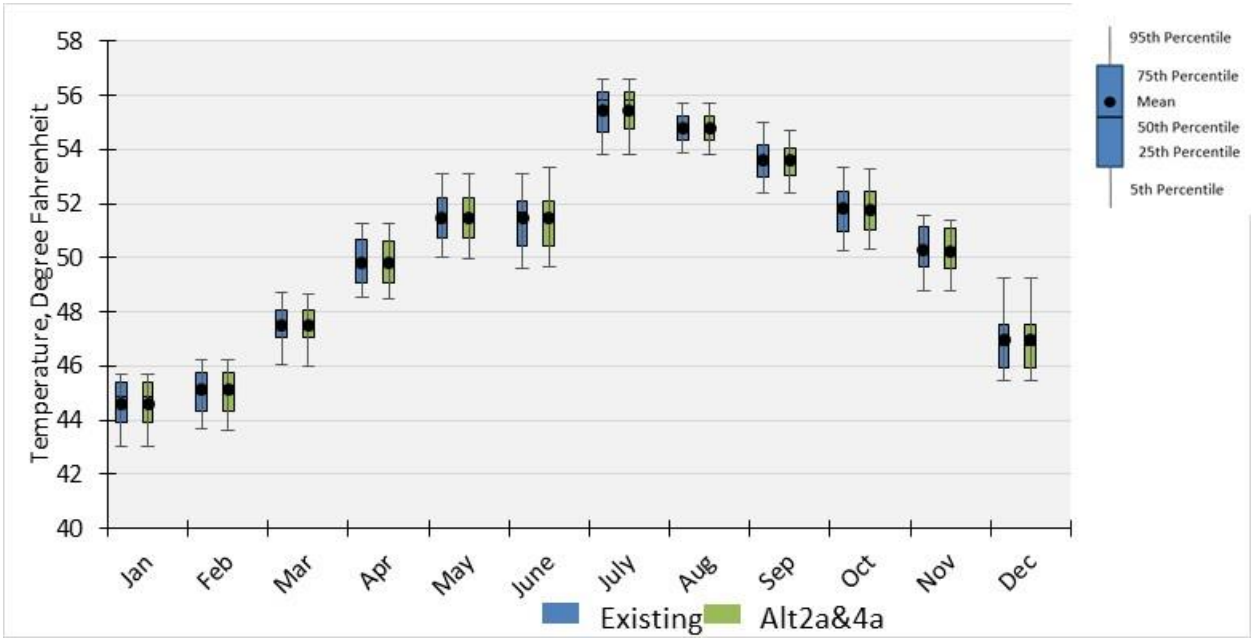


Figure 5A-D1.6.30. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

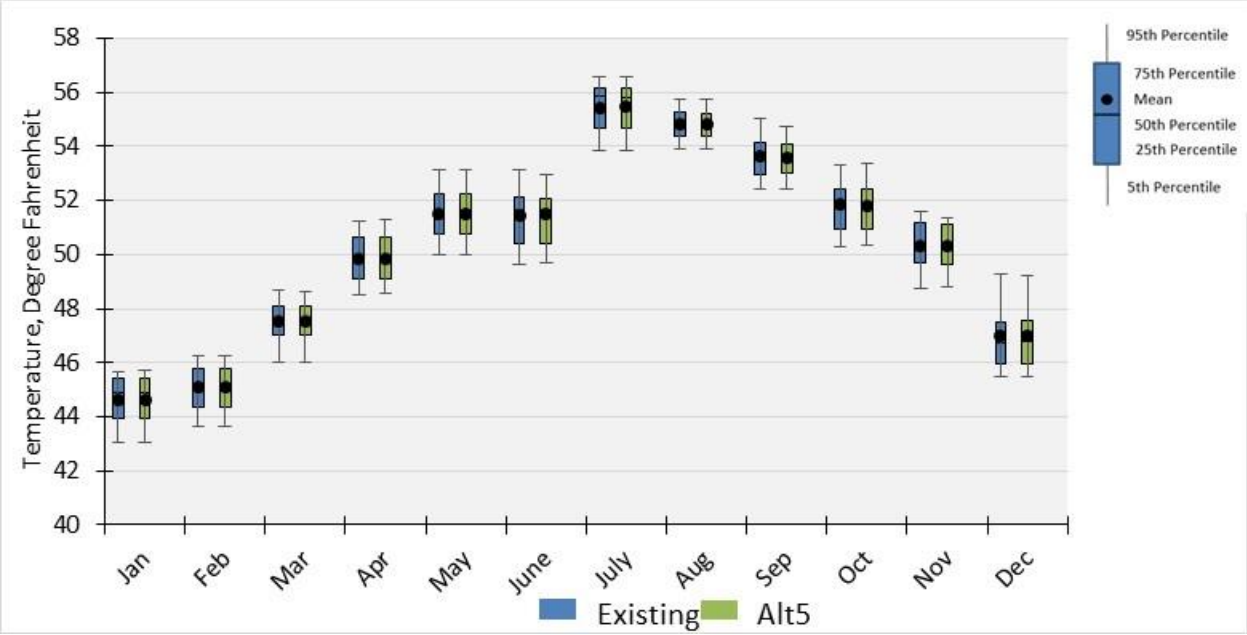
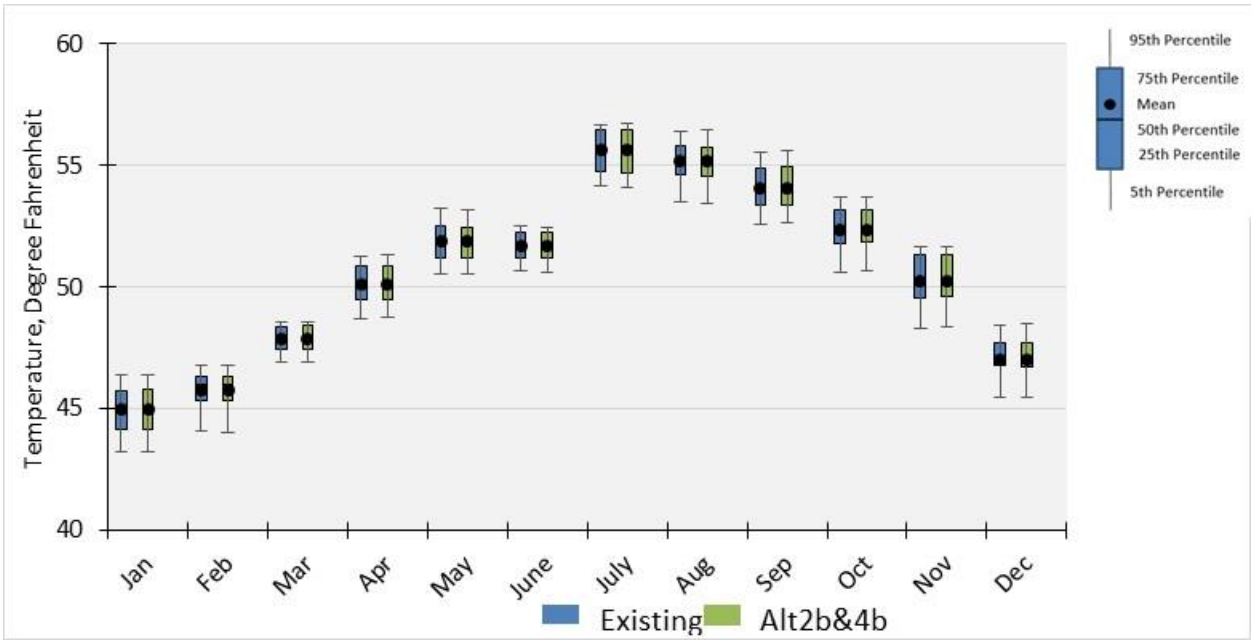


Figure 5A-D1.6.31. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



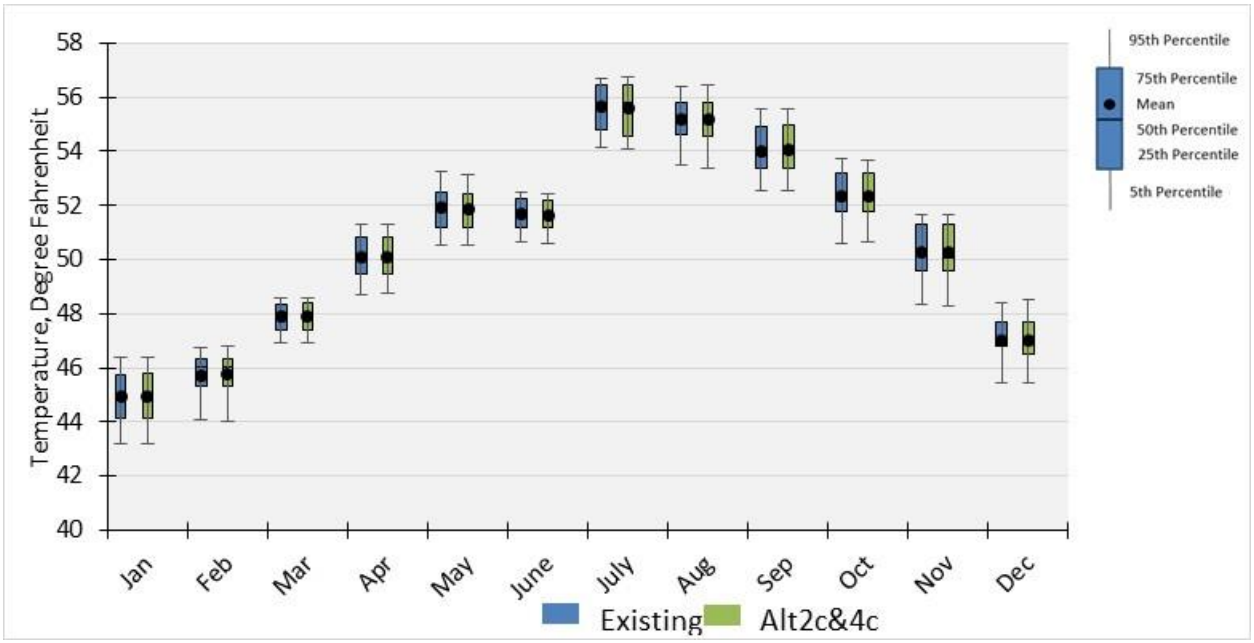
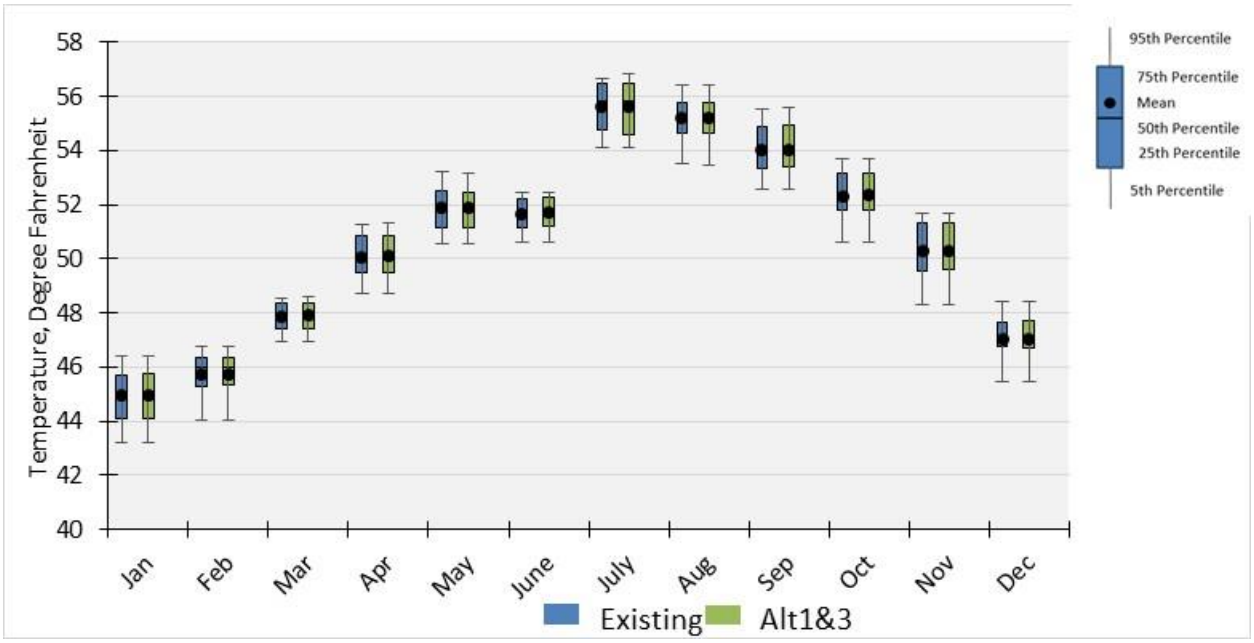


Figure 5A-D1.6.32. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



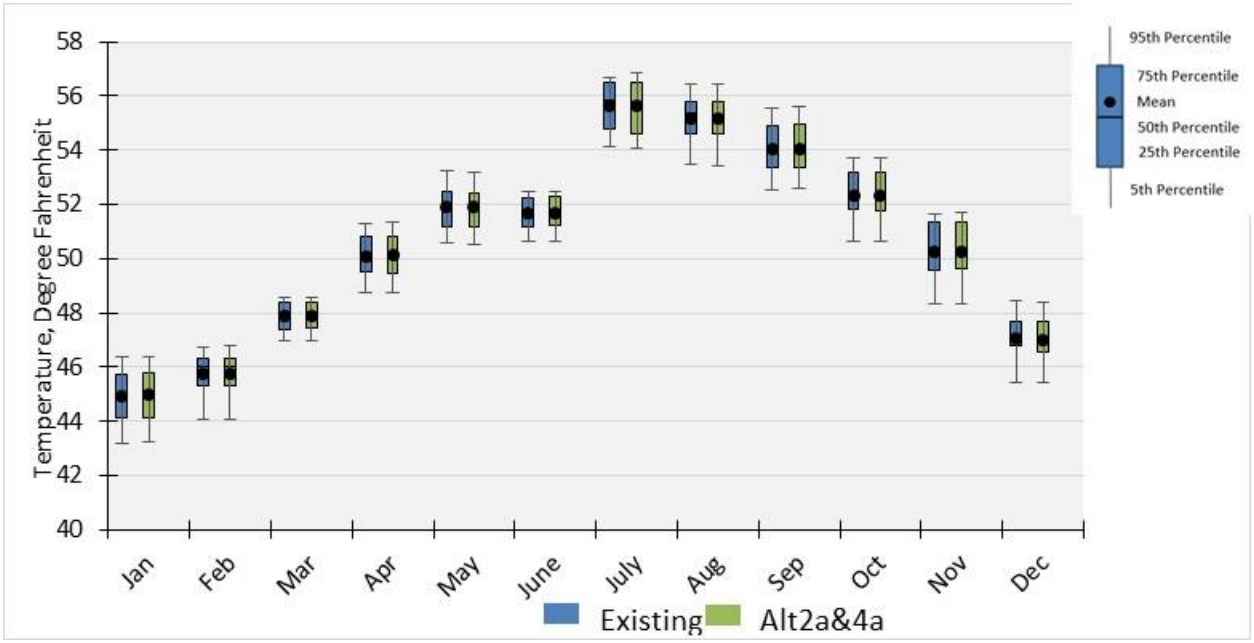


Figure 5A-D1.6.33. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

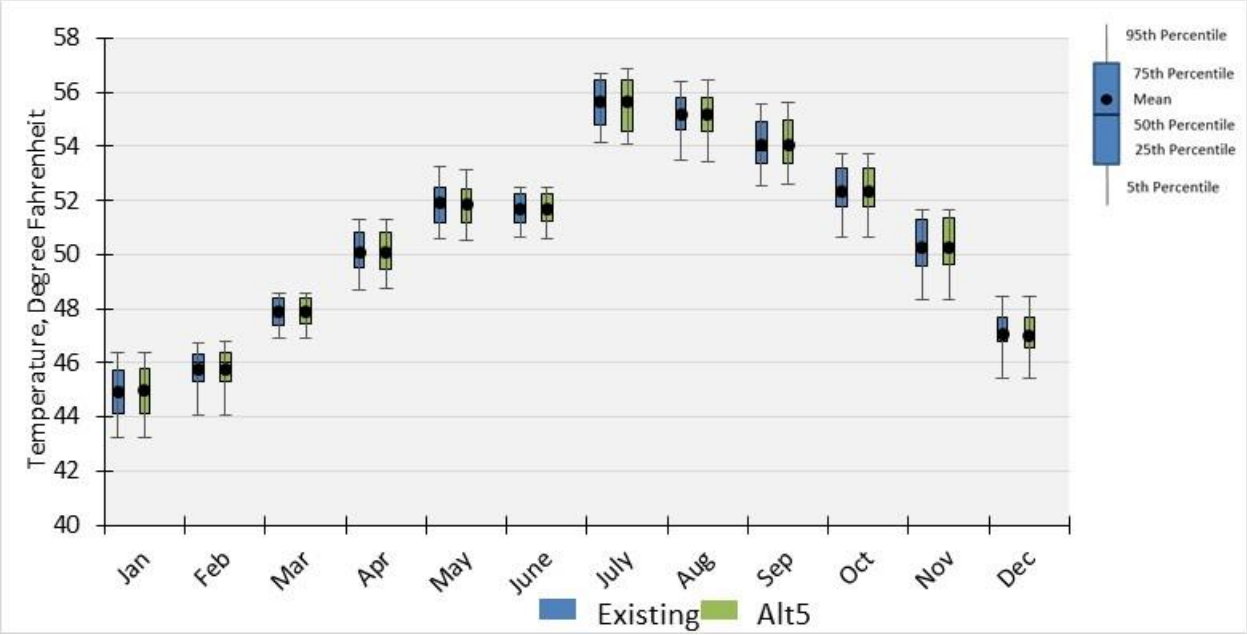
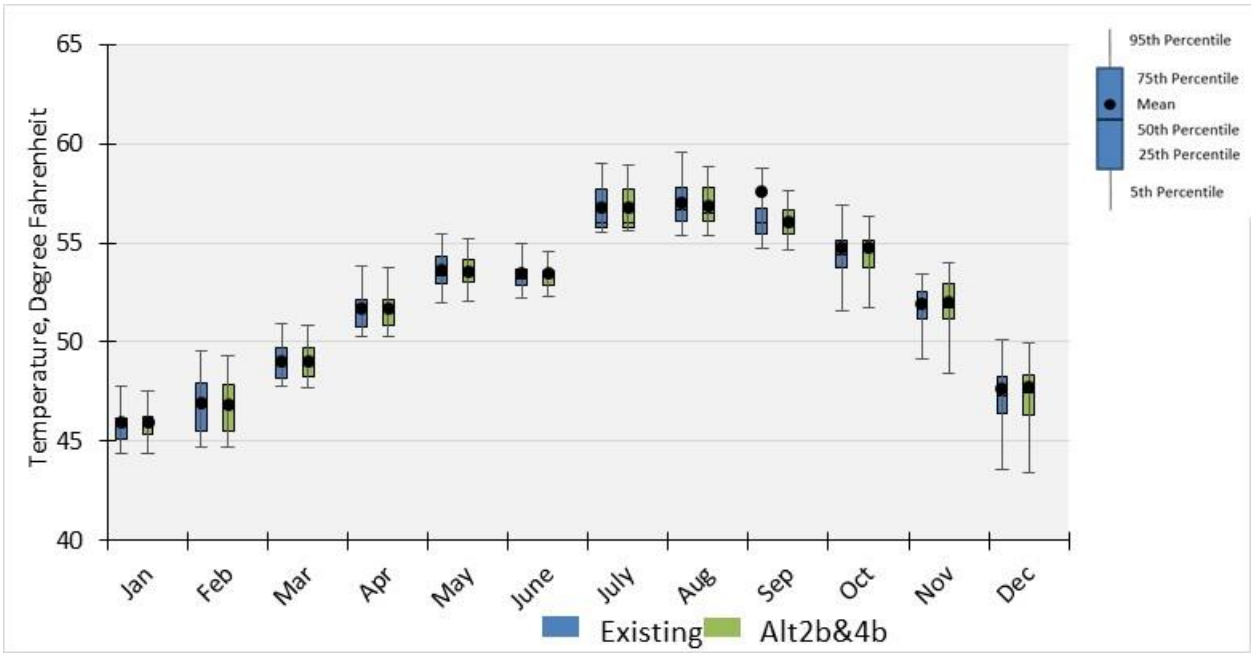


Figure 5A-D1.6.34. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



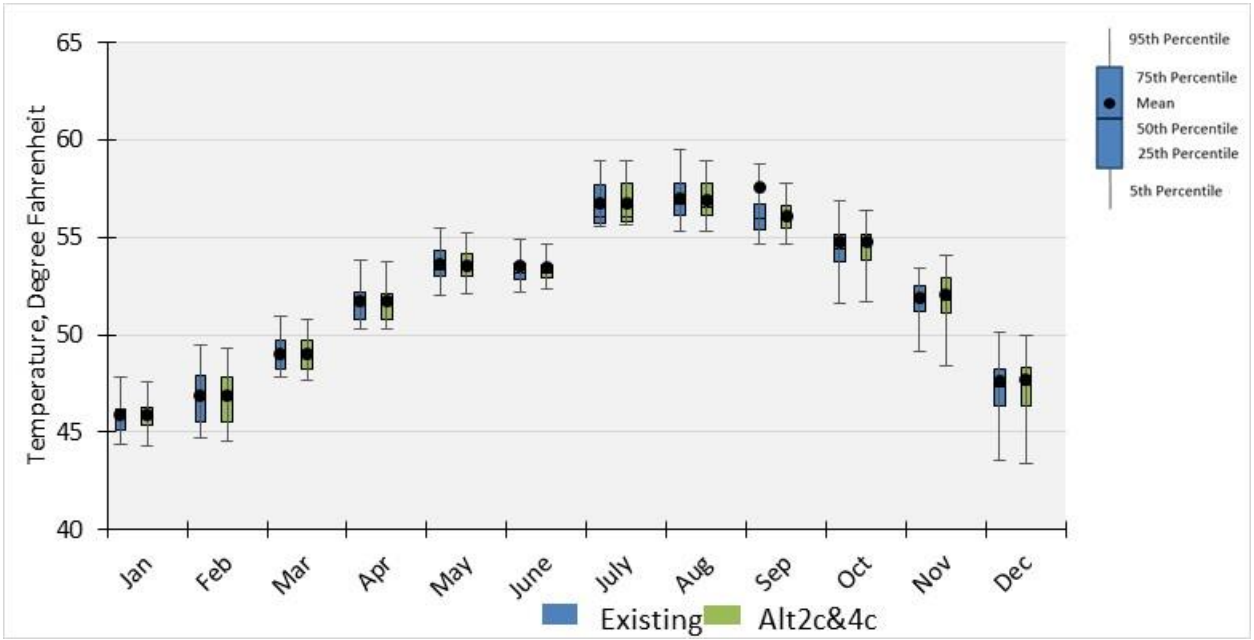
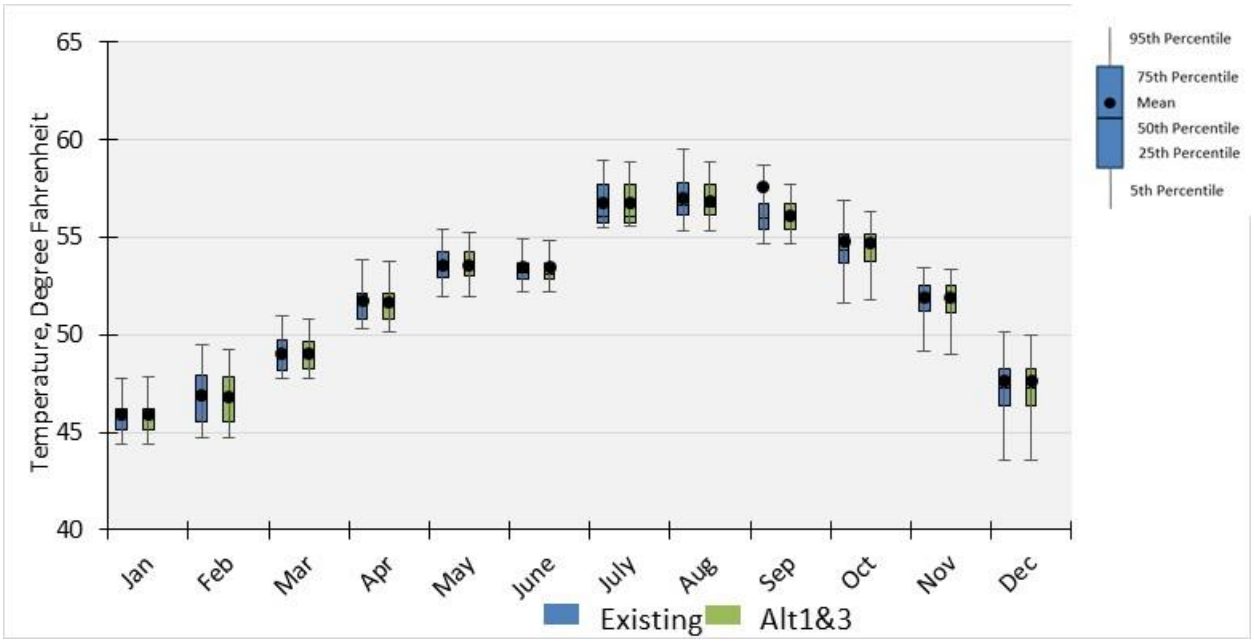


Figure 5A-D1.6.35. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



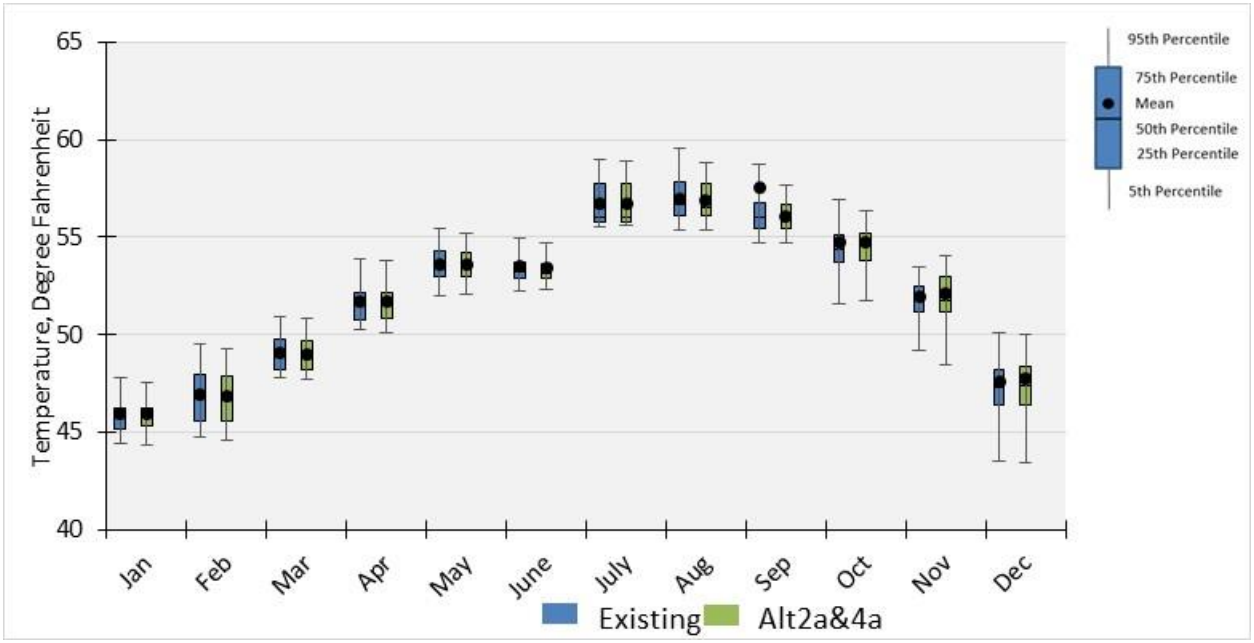


Figure 5A-D1.6.36. Clear Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

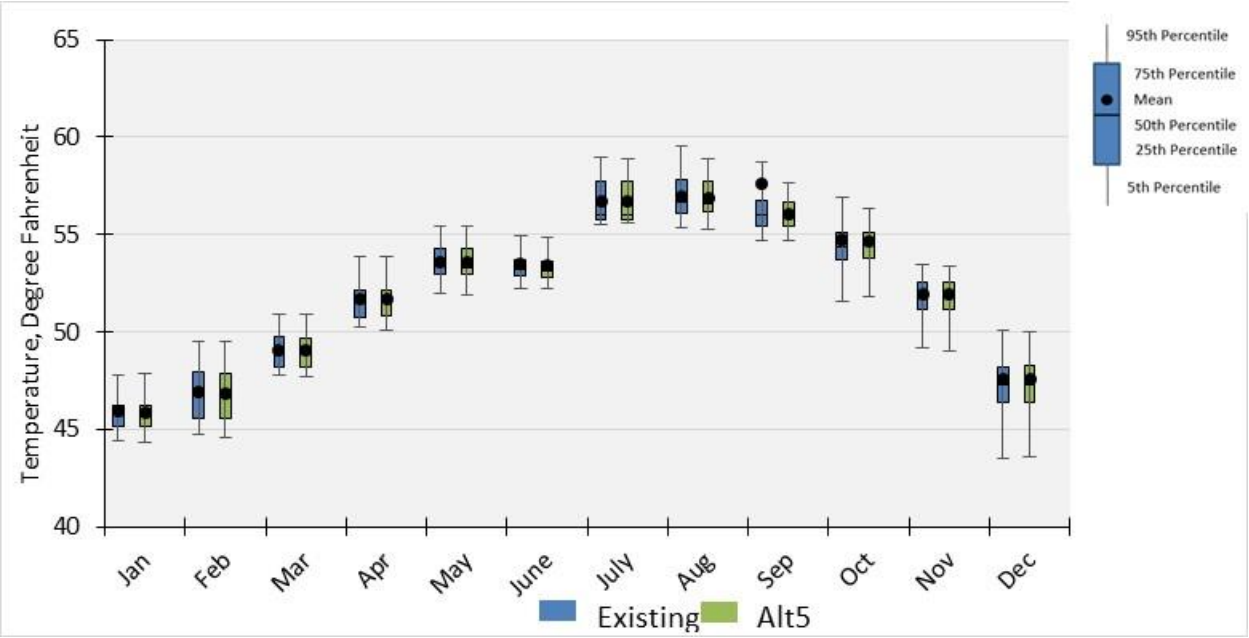
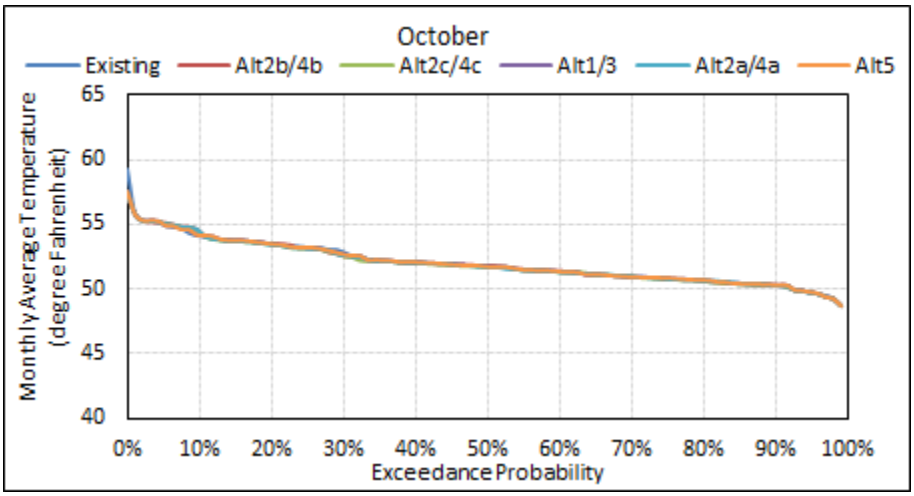
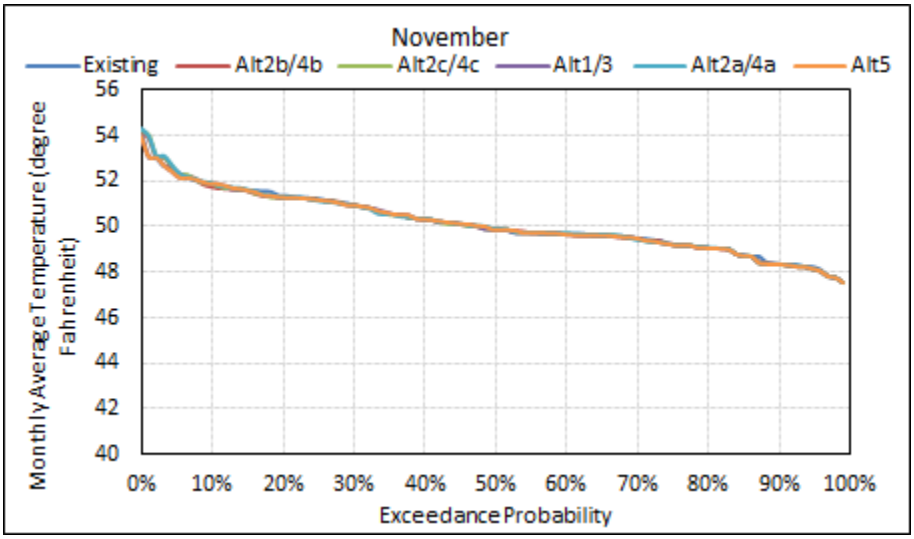


Figure 5A-D1.6.37-A. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





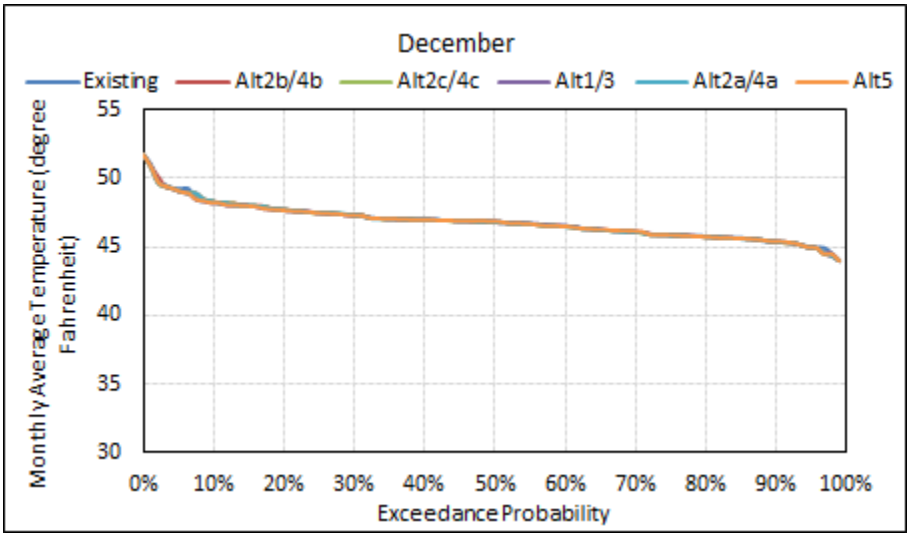
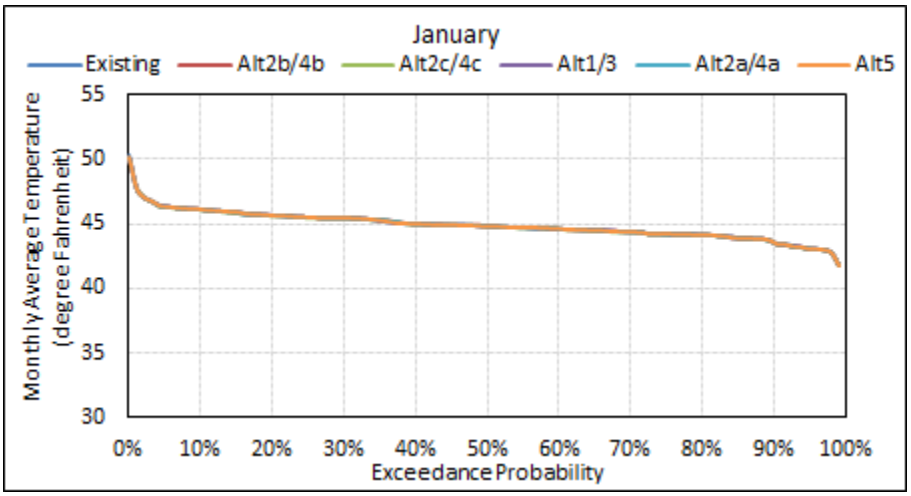
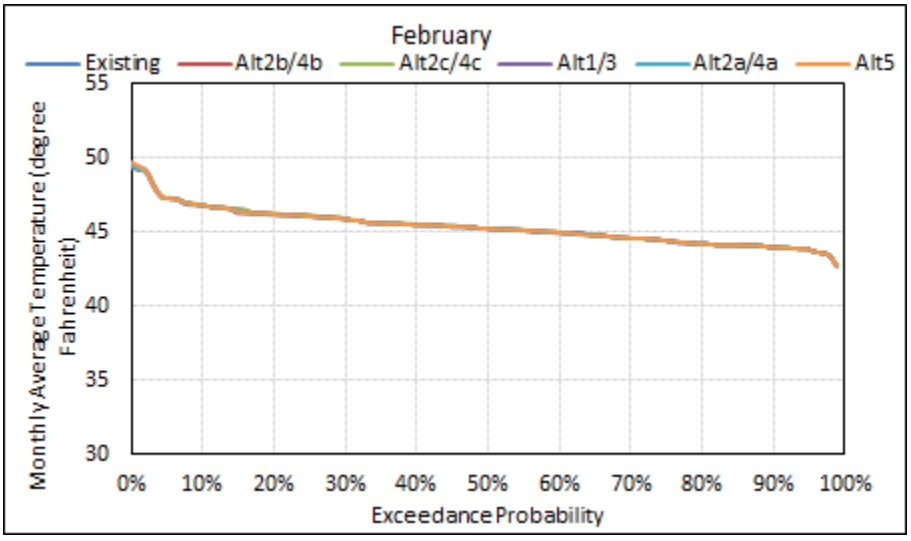


Figure 5A-D1.6.37-B. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





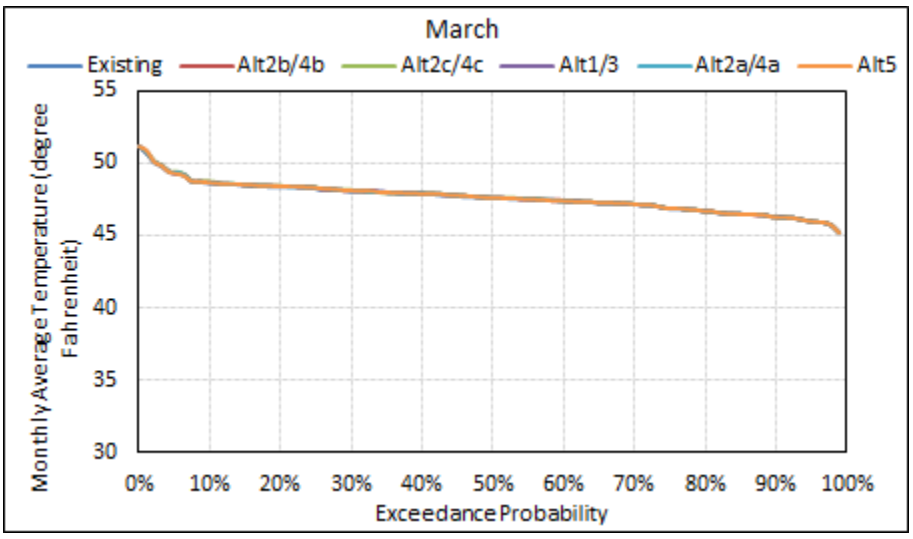
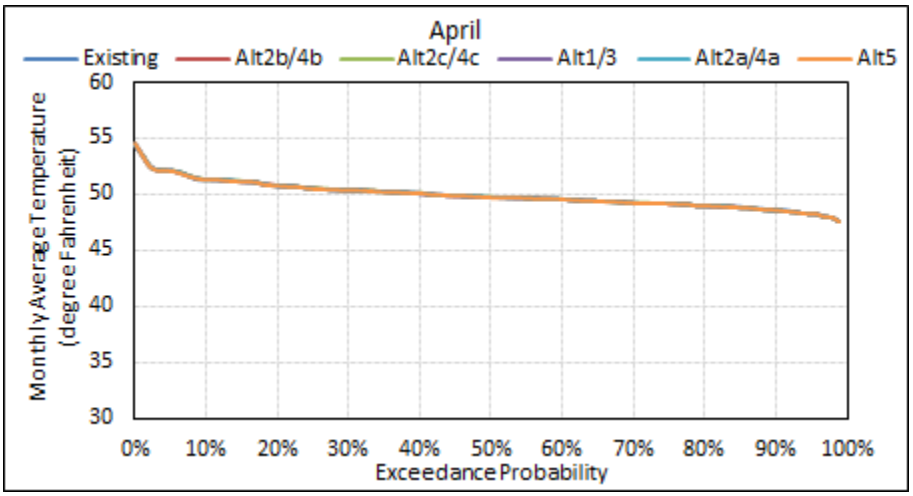
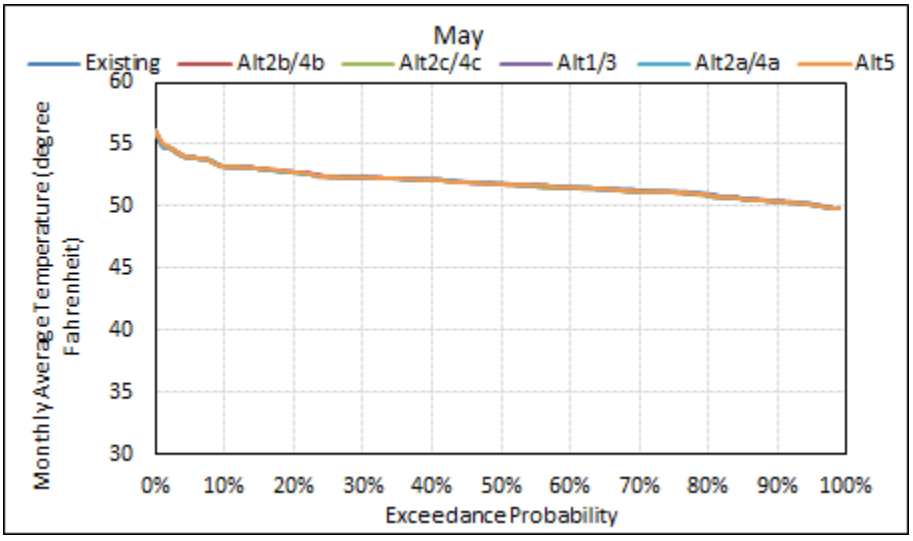


Figure 5A-D1.6.37-C. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





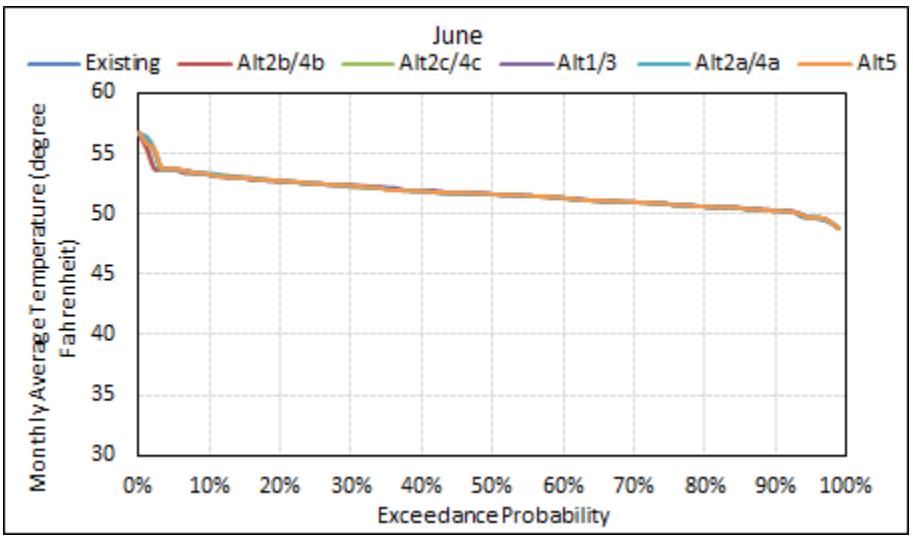
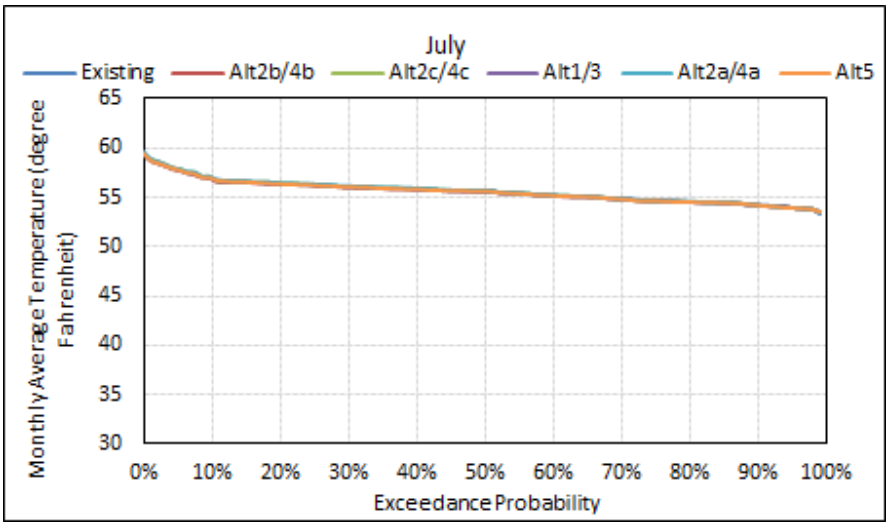
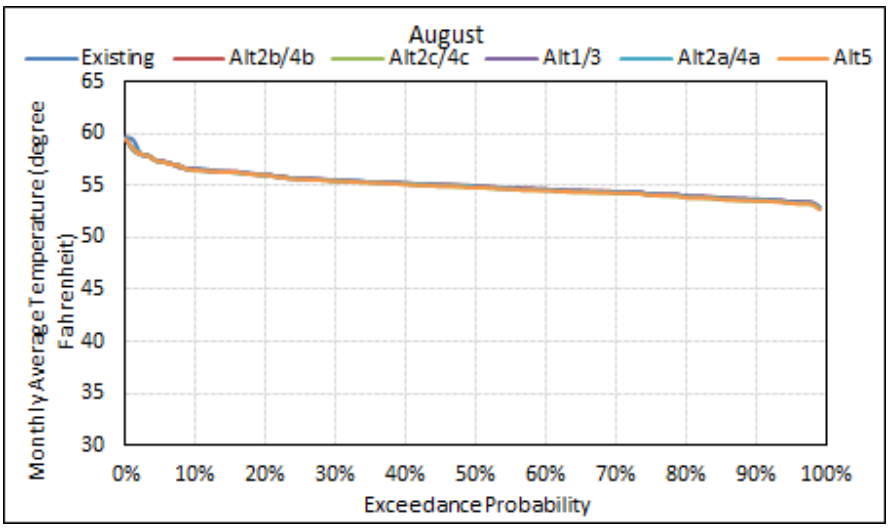


Figure 5A-D1.6.37-D. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





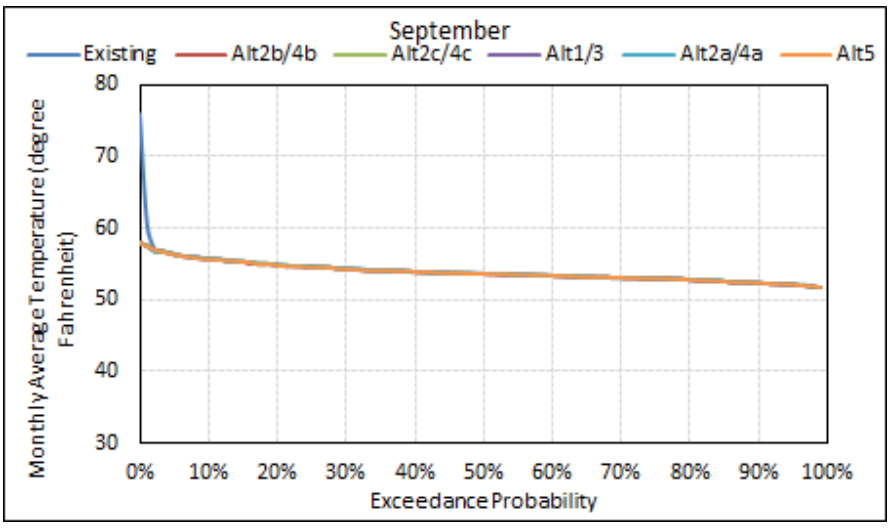


Figure 5A-D1.6.38. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

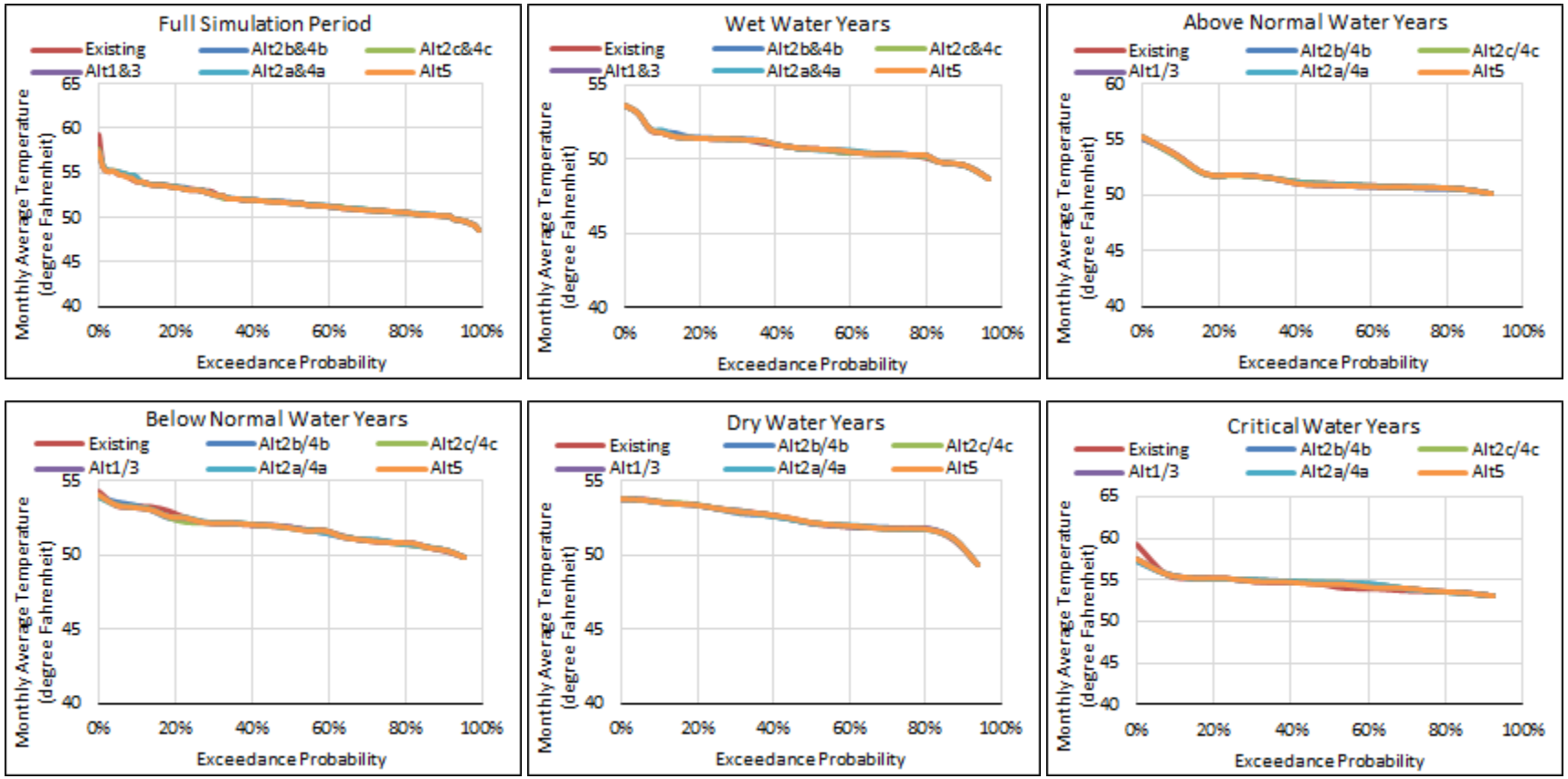


Figure 5A-D1.6.39. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

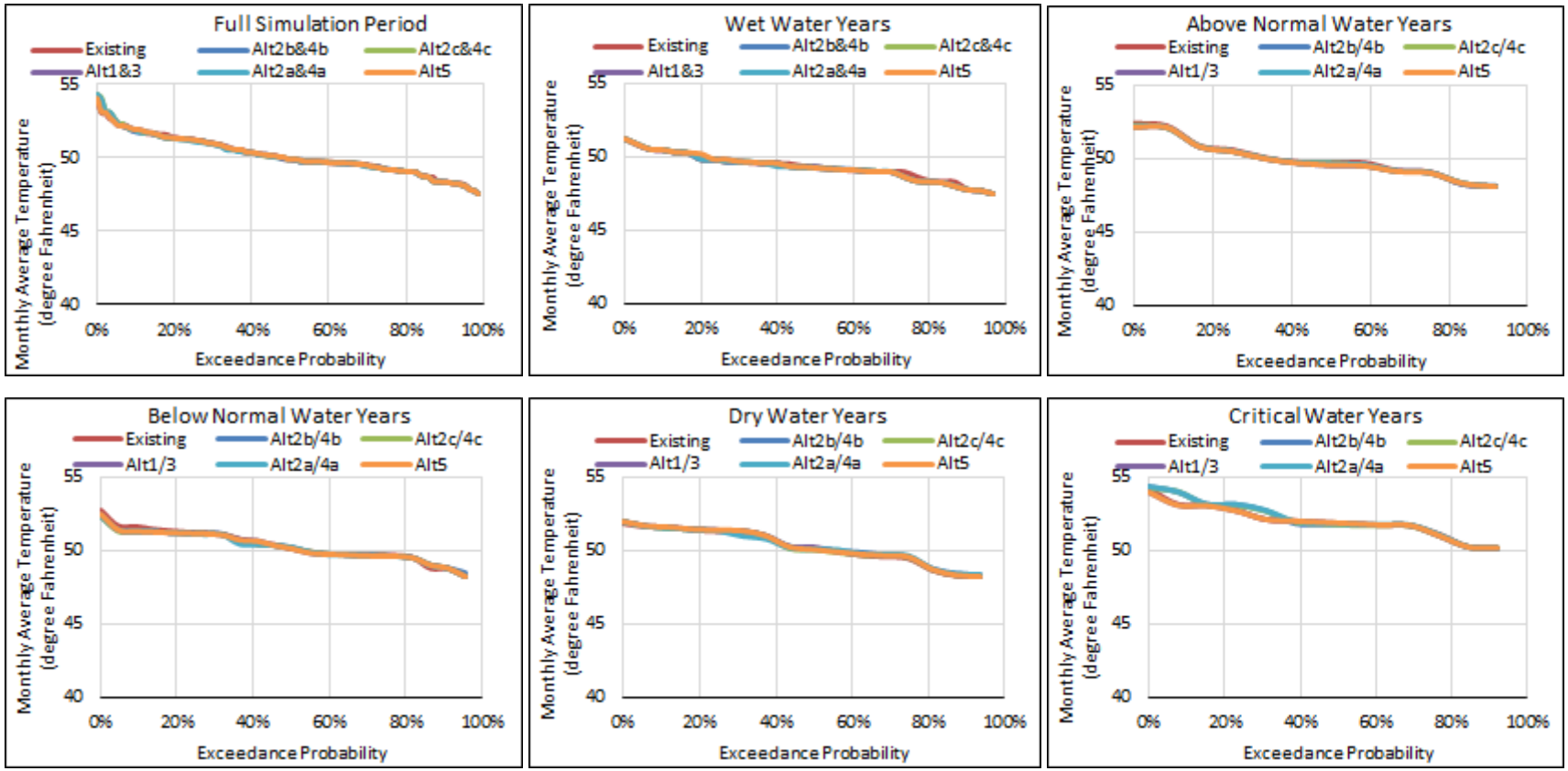


Figure 5A-D1.6.40. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

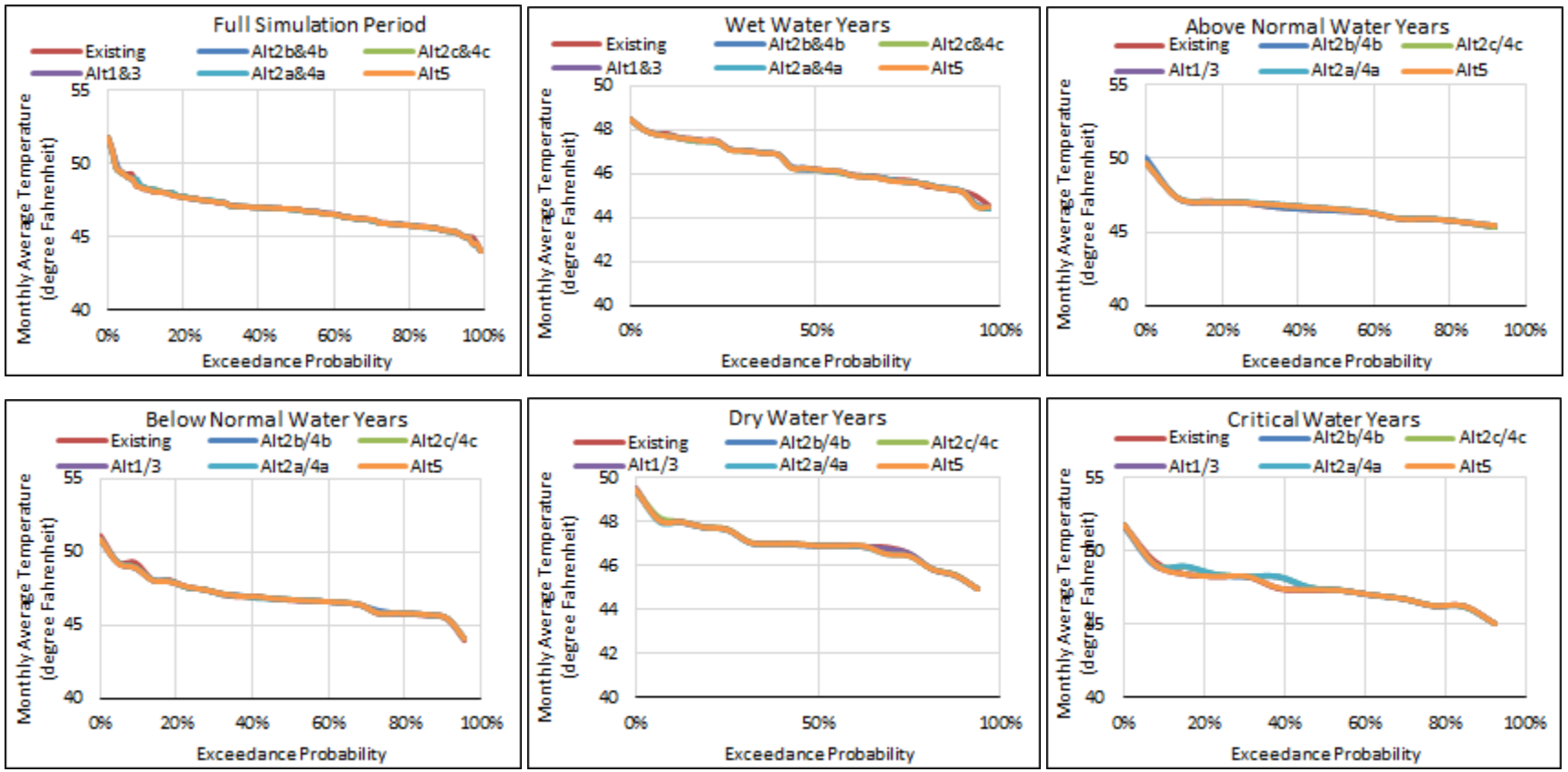


Figure 5A-D1.6.41. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

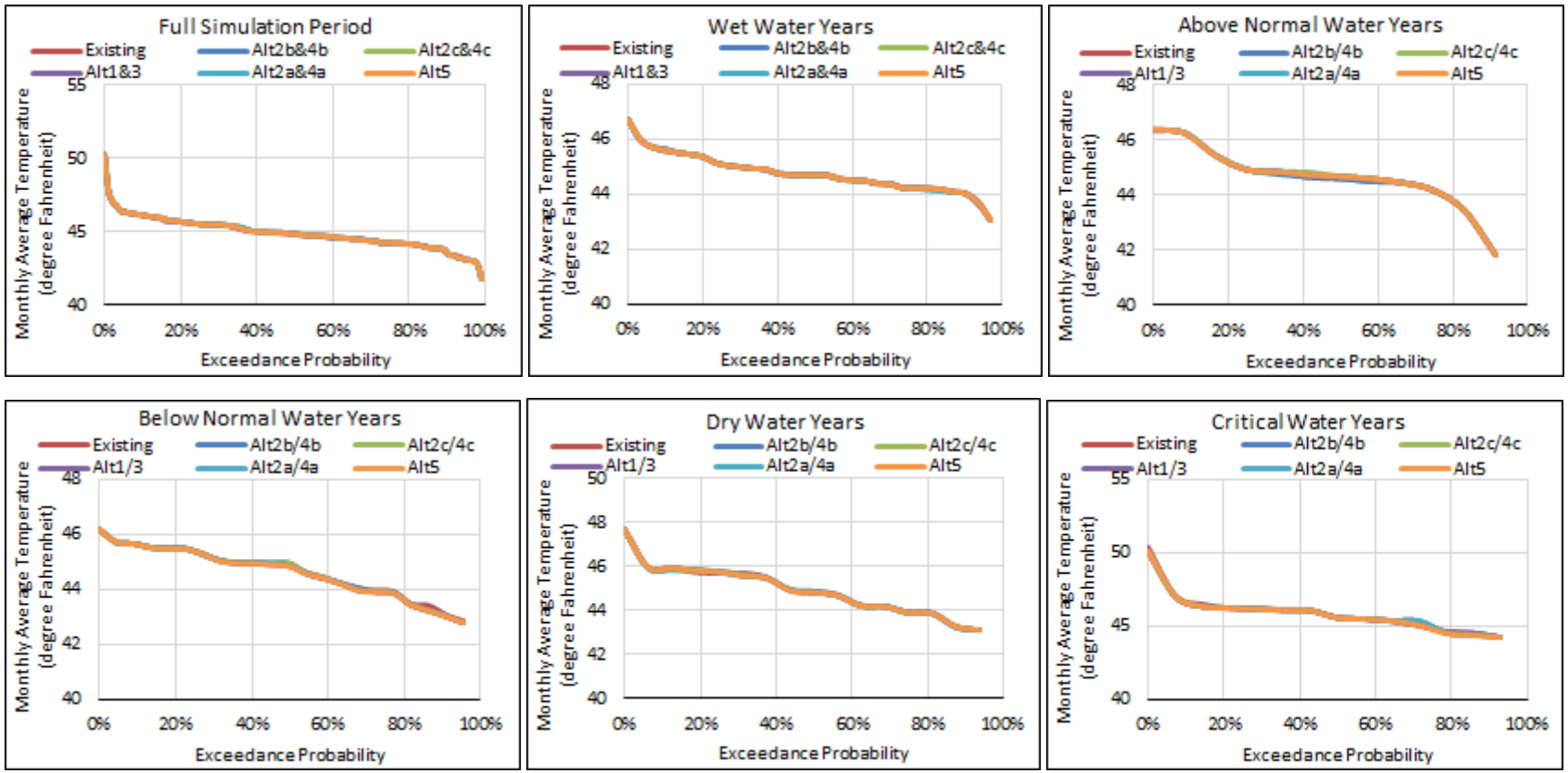


Figure 5A-D1.6.42. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

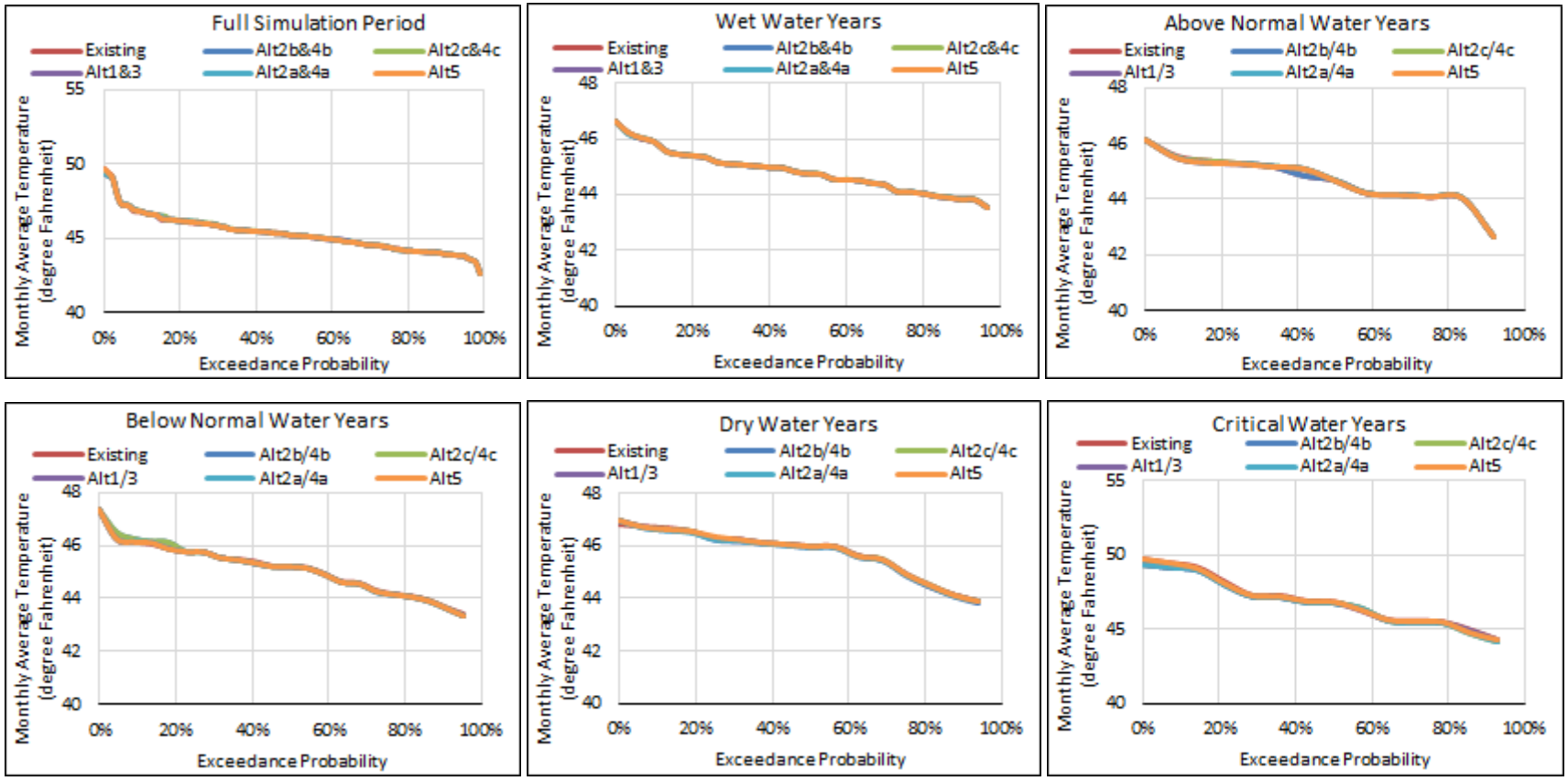


Figure 5A-D1.6.43. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

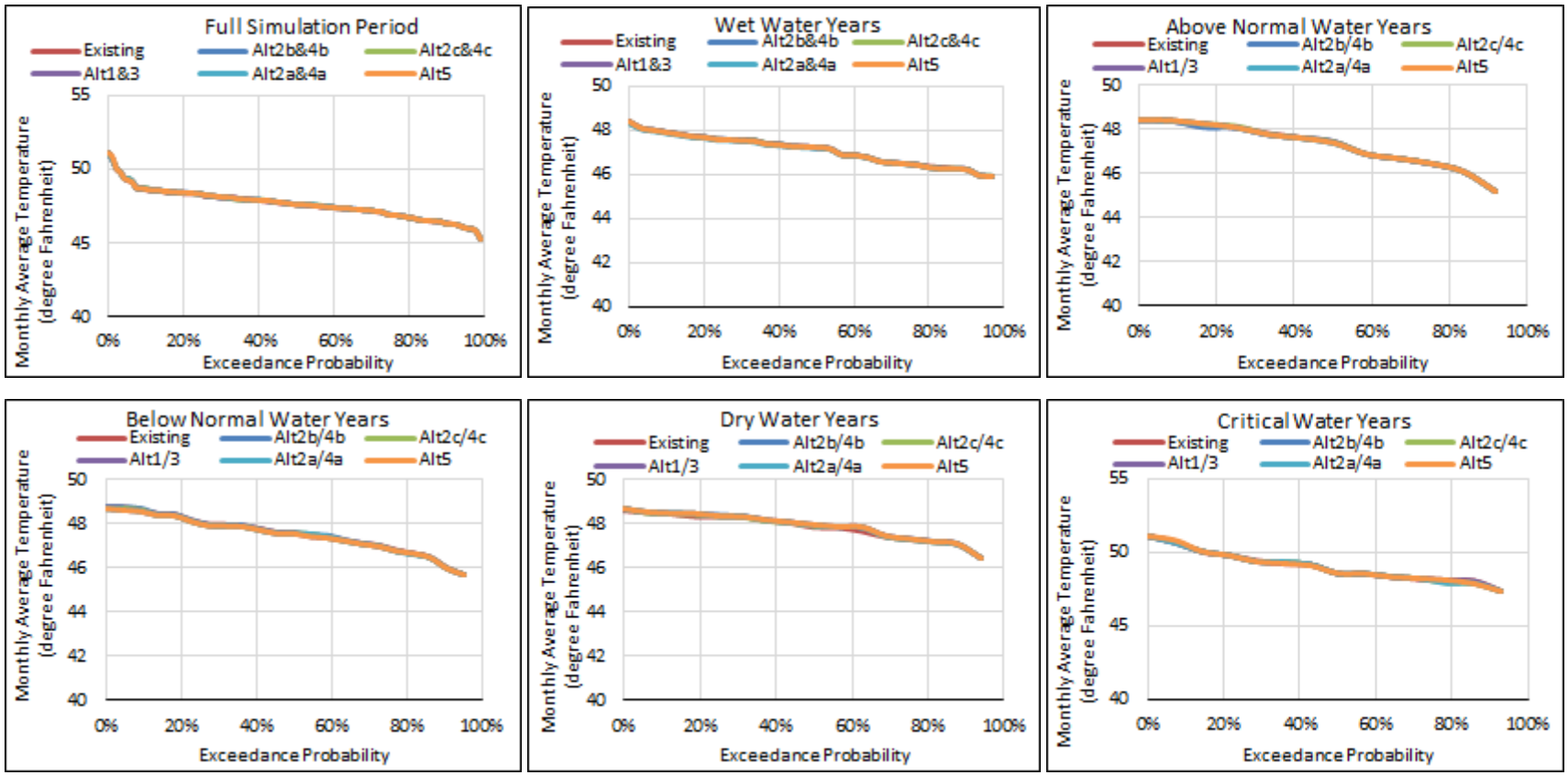


Figure 5A-D1.6.44. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

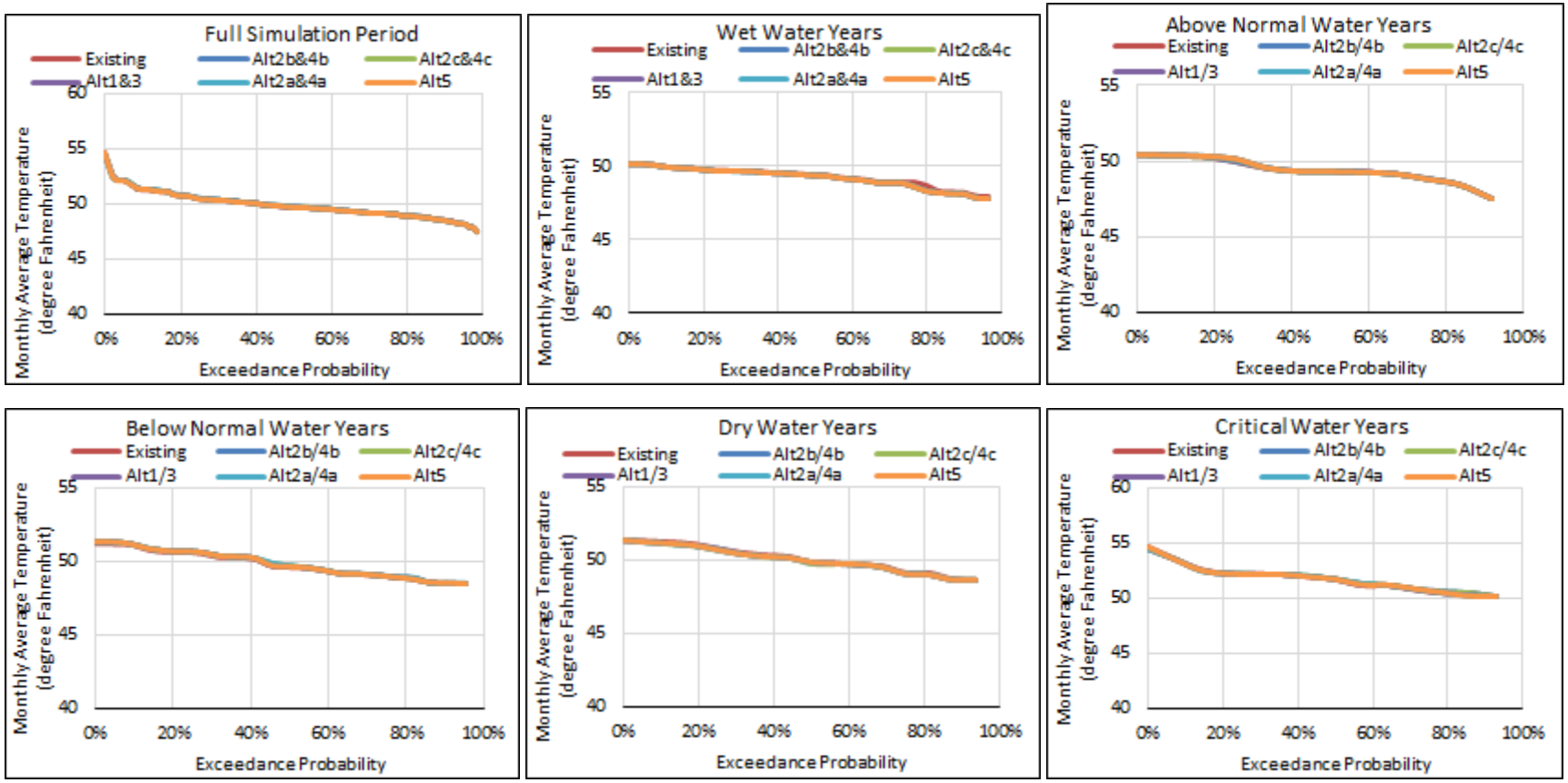


Figure 5A-D1.6.45. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

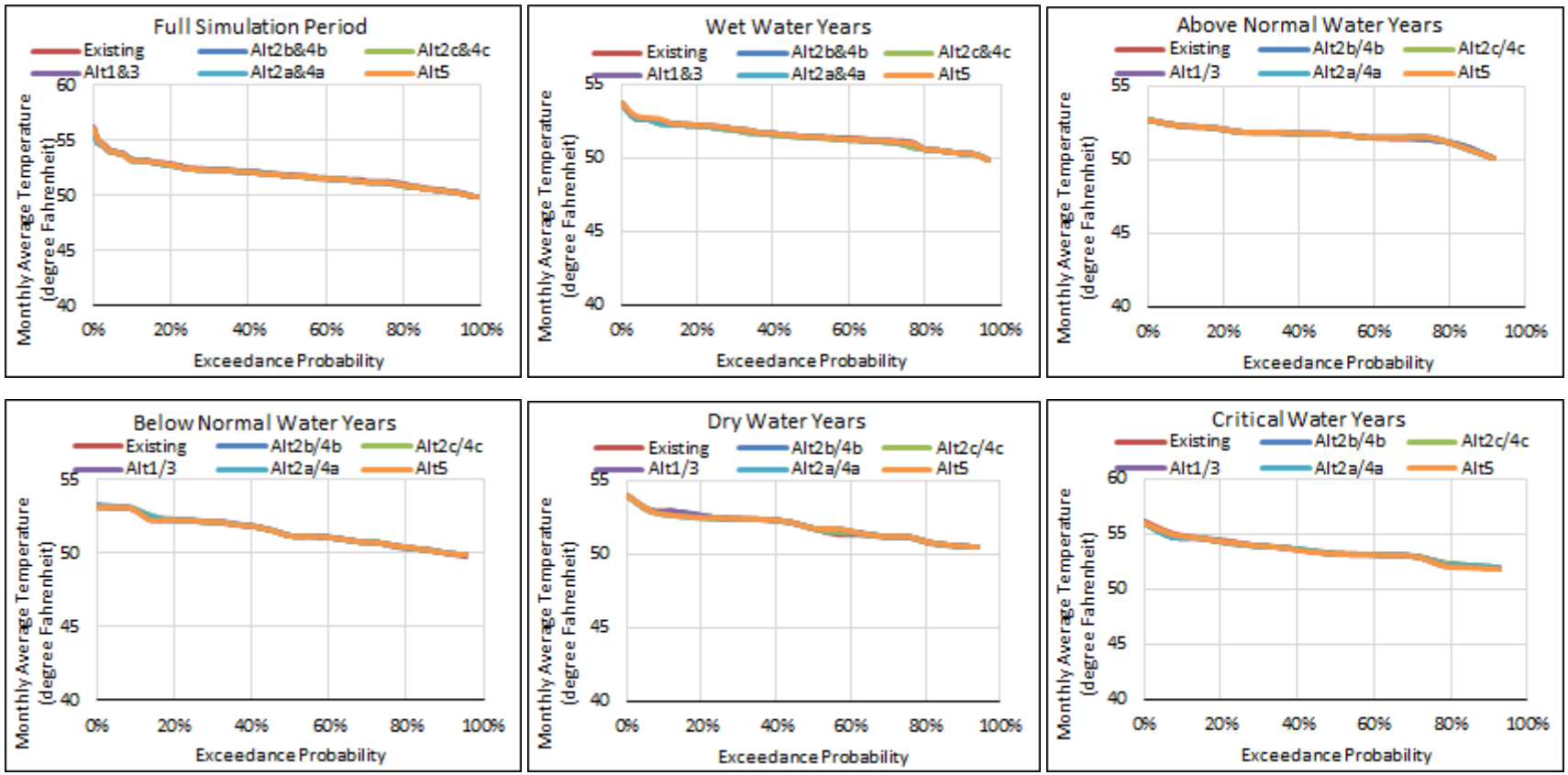


Figure 5A-D1.6.46. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

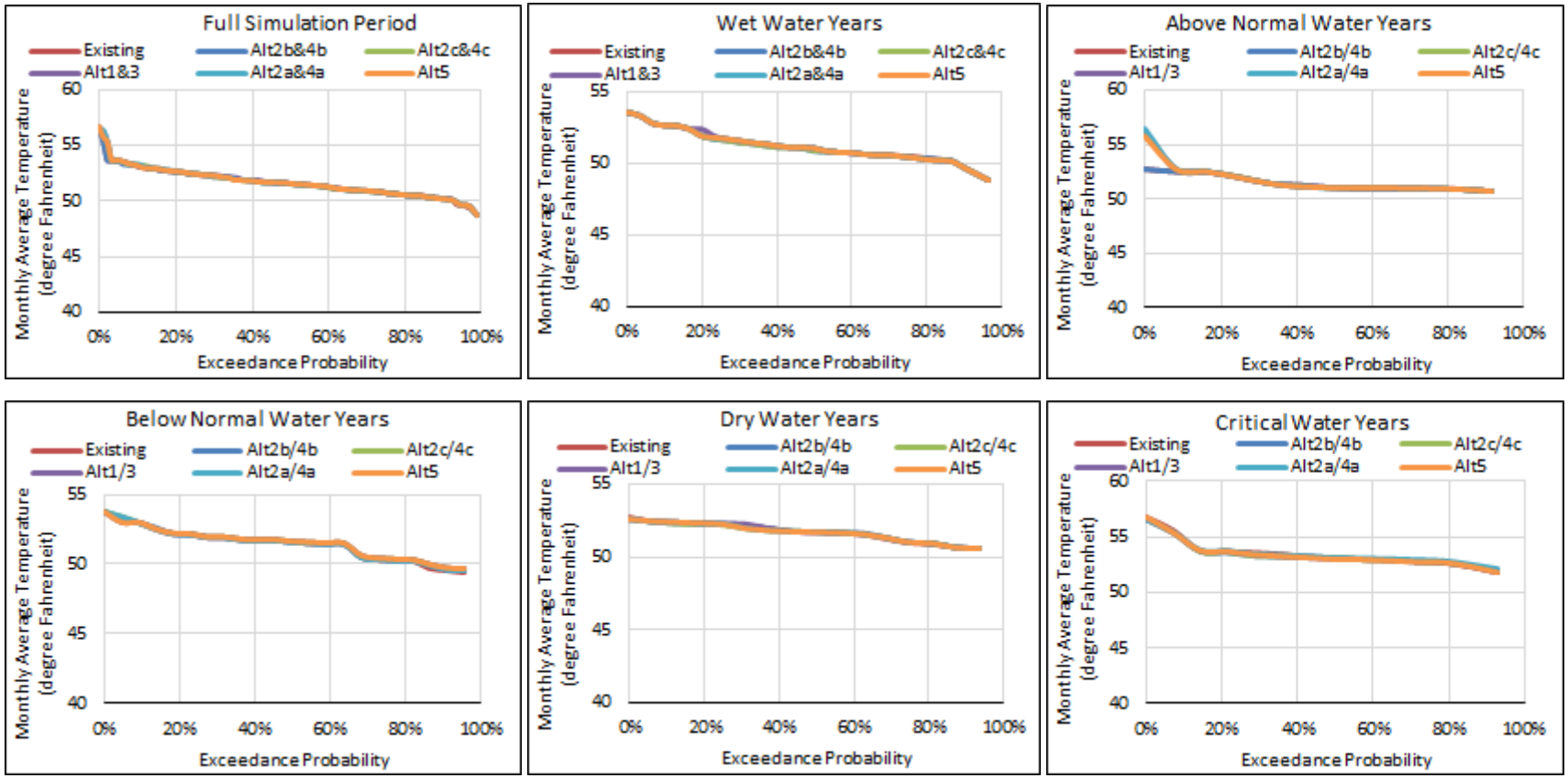


Figure 5A-D1.6.47. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

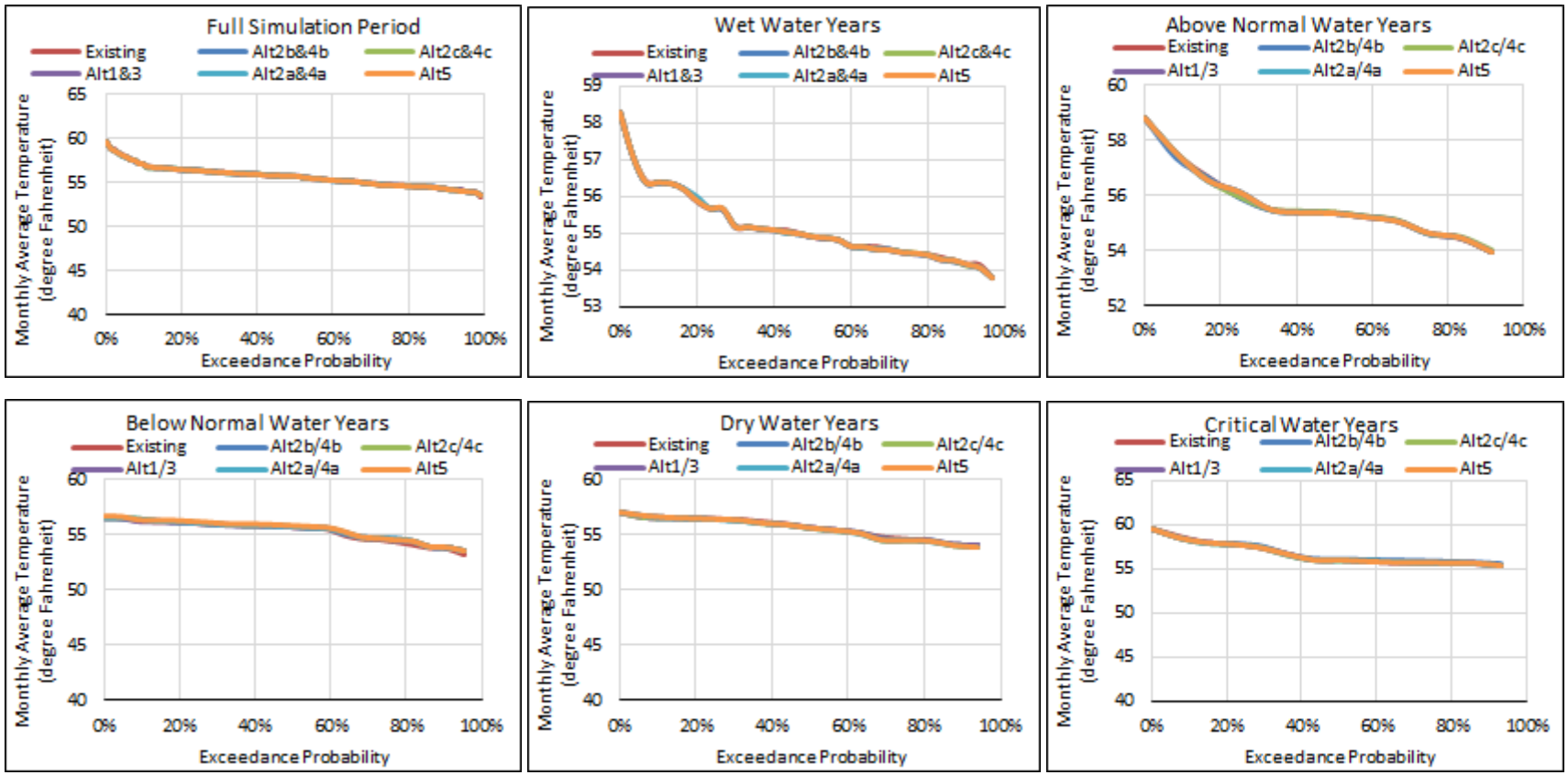


Figure 5A-D1.6.48. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

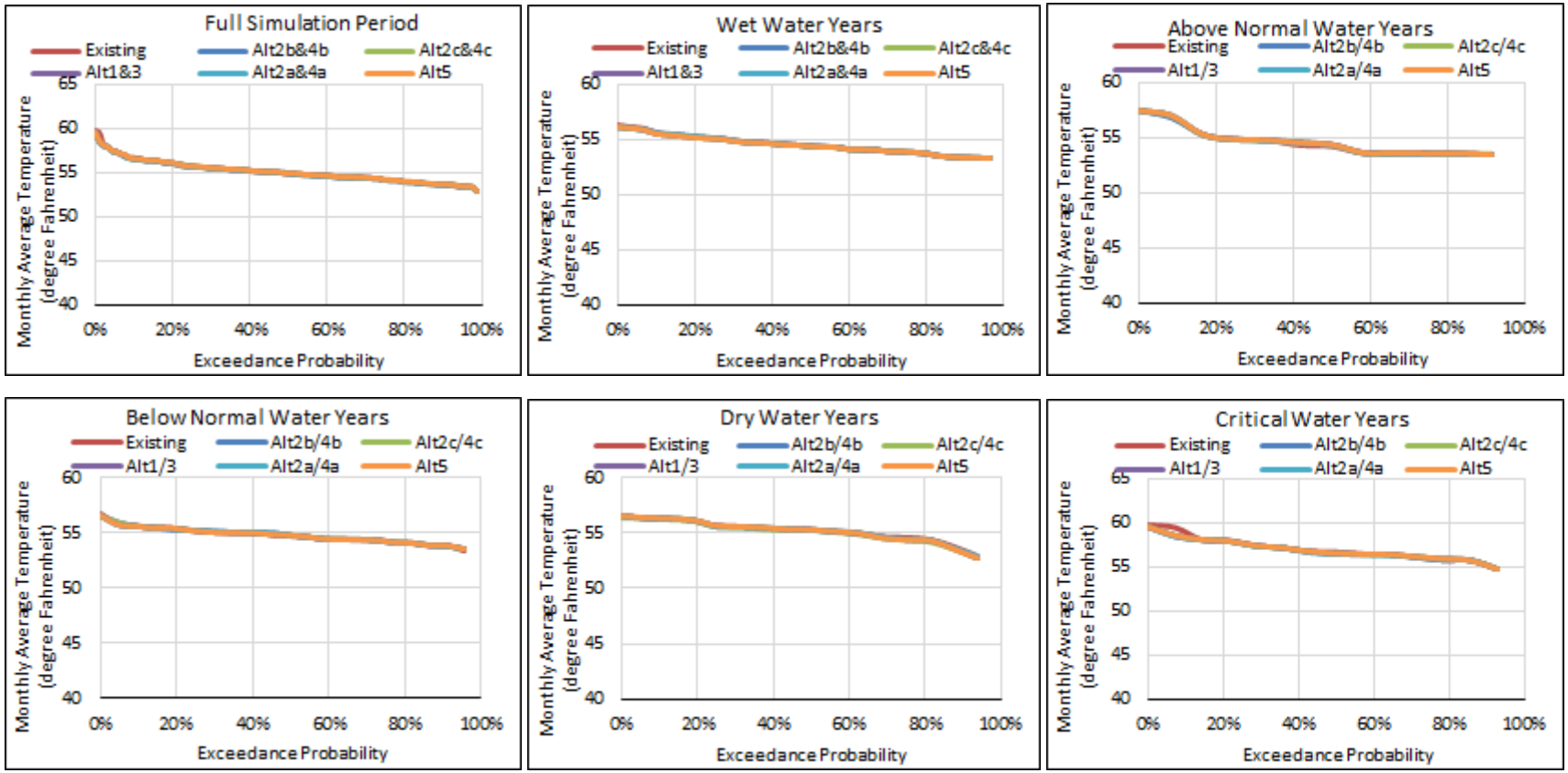
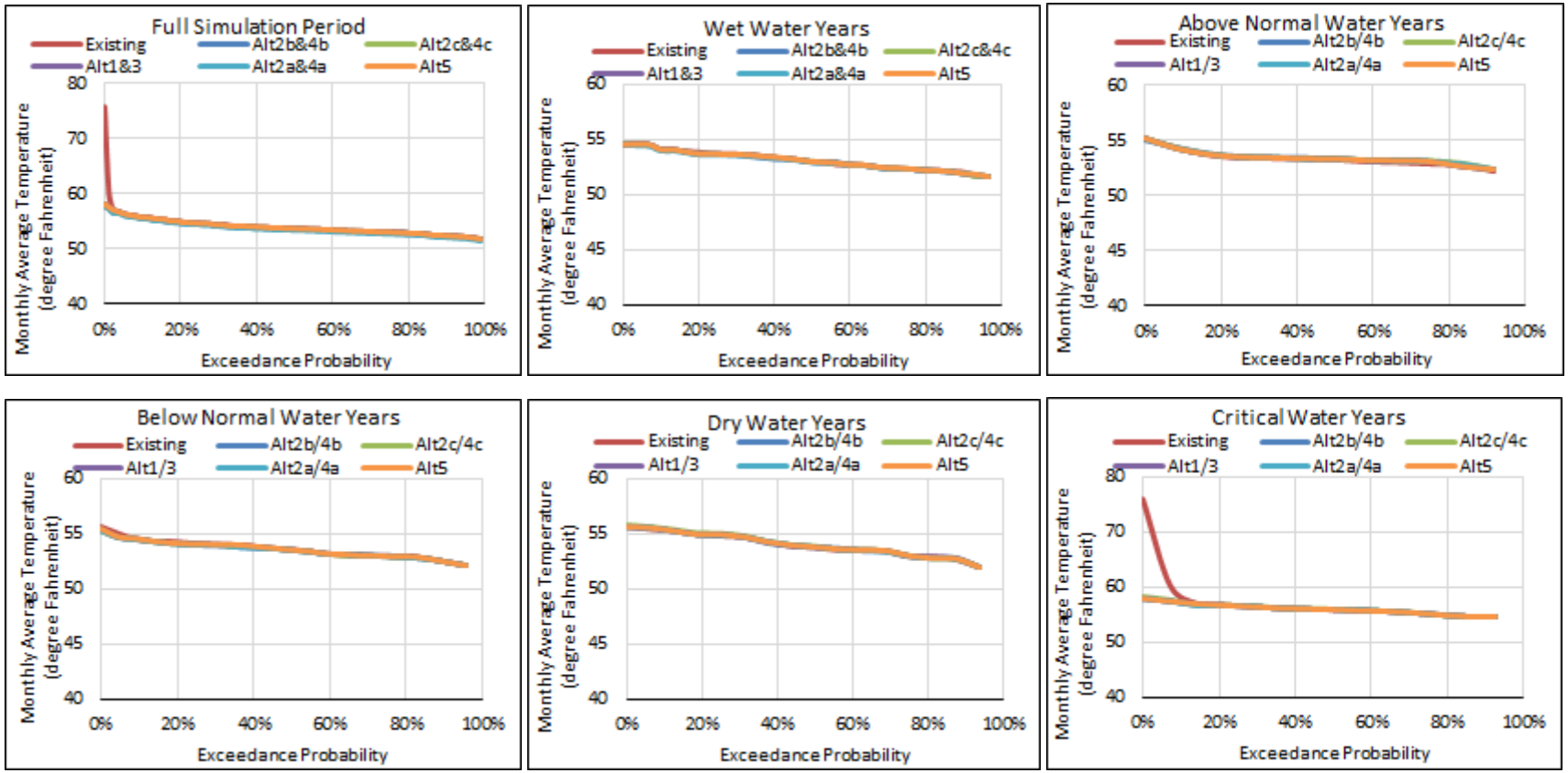


Figure 5A-D1.6.49. Clear Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.7 Clear Creek at Clear Creek Tunnel

Table 5A-D1.7.1-A. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.1	50.7	49.6	49.3	49.8	50.3	50.8	50.9	52.2	52.8	52.8	52.7
20%	51.7	50.2	49.0	48.3	48.4	49.7	50.6	50.2	51.7	51.7	51.8	51.5
30%	51.1	49.8	48.4	47.8	48.0	49.2	50.3	49.7	51.0	51.2	50.7	50.6
40%	50.3	49.2	48.0	47.4	47.6	48.9	50.1	49.3	50.2	50.3	50.1	50.1
50%	49.7	49.0	47.7	47.0	47.4	48.7	49.8	48.8	49.6	49.9	49.9	49.7
60%	49.2	48.7	47.4	46.6	47.2	48.4	49.3	48.5	49.2	49.6	49.7	49.4
70%	48.7	48.2	47.1	46.1	46.9	47.9	48.7	48.3	48.5	49.2	49.4	48.9
80%	48.4	47.9	46.7	45.8	46.6	47.4	48.2	47.6	48.0	48.8	48.9	48.6
90%	47.8	47.2	46.2	45.3	46.0	46.7	47.0	47.0	47.6	48.2	48.4	48.1

Table 5A-D1.7.1-B. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.9	49.0	47.9	47.2	47.6	48.6	49.3	48.9	49.8	50.4	50.4	50.1
Wet Water Years	48.6	48.1	47.3	47.1	47.3	47.5	48.1	48.0	48.1	49.2	49.5	48.7
Above Normal Water Years	49.2	48.4	47.4	47.7	47.8	48.7	49.4	49.4	49.4	50.0	49.8	49.3
Below Normal Water Years	50.1	49.1	47.9	46.5	47.1	48.7	49.7	48.9	50.7	50.6	49.9	49.9
Dry Water Years	51.0	49.5	48.0	46.7	47.6	49.4	50.3	49.1	50.8	50.3	50.3	50.7
Critical Water Years	52.4	50.8	49.7	48.4	48.7	49.5	50.2	50.2	51.6	53.1	53.8	53.6

Table 5A-D1.7.1-C. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.4	50.7	50.1	50.2	50.1	50.5	50.9	50.9	52.2	52.7	52.9	52.6
20%	51.7	50.2	49.0	48.5	48.4	49.9	50.6	50.1	51.7	51.8	51.8	51.6
30%	51.1	49.7	48.3	47.8	48.0	49.3	50.4	49.7	51.0	51.1	50.8	50.5
40%	50.3	49.2	48.0	47.4	47.7	48.9	50.1	49.4	49.9	50.3	50.1	50.1
50%	49.7	48.9	47.7	47.0	47.5	48.6	49.8	48.8	49.4	49.9	50.0	49.6
60%	49.2	48.5	47.4	46.6	47.2	48.4	49.3	48.6	49.2	49.6	49.7	49.4
70%	48.8	48.2	47.1	46.1	46.9	47.9	48.7	48.3	48.5	49.1	49.4	48.9
80%	48.3	47.7	46.7	45.7	46.6	47.5	48.2	47.6	48.1	48.7	48.8	48.6
90%	47.8	47.1	46.2	45.3	45.9	46.7	47.1	47.1	47.7	48.2	48.4	48.1

Table 5A-D1.7.1-D. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.0	49.0	48.0	47.3	47.7	48.6	49.4	48.9	49.8	50.3	50.3	50.0
Wet Water Years	48.5	48.1	47.3	47.1	47.3	47.6	48.1	48.0	48.2	49.2	49.4	48.8
Above Normal Water Years	49.2	48.4	47.4	48.0	48.2	48.9	49.5	49.4	49.2	49.7	49.8	49.3
Below Normal Water Years	50.1	49.2	48.0	46.4	47.0	48.7	49.7	49.0	50.6	50.6	50.0	49.9
Dry Water Years	51.0	49.4	47.9	46.5	47.3	49.2	50.3	49.1	50.8	50.3	50.3	50.7
Critical Water Years	52.4	50.8	50.1	49.0	49.5	50.0	50.6	50.2	51.6	52.7	53.3	52.9

Table 5A-D1.7.1-E. Clear Creek at Clear Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.3	0.0	0.5	0.9	0.3	0.2	0.1	0.0	0.0	0.0	0.1	-0.1
20%	0.0	-0.1	0.1	0.2	0.0	0.1	0.0	-0.1	0.0	0.1	-0.1	0.2
30%	0.1	-0.2	-0.1	0.0	0.1	0.0	0.1	0.0	0.0	-0.1	0.1	-0.1
40%	0.0	0.0	0.0	-0.1	0.1	0.0	0.1	0.1	-0.2	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0
60%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80%	-0.1	-0.2	0.0	-0.1	0.0	0.1	0.1	0.0	0.1	-0.1	-0.1	0.1
90%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0

Table 5A-D1.7.1-F. Clear Creek at Clear Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.3	0.4	0.3	0.1	0.0	-0.2	-0.2	0.1	0.0
Below Normal Water Years	0.1	0.1	0.1	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0
Dry Water Years	0.0	-0.1	0.0	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.0	0.4	0.7	0.8	0.5	0.4	0.0	-0.1	-0.5	-0.4	-0.7

Table 5A-D1.7.1-G. Clear Creek at Clear Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.5%	0.1%	1.0%	1.9%	0.6%	0.4%	0.2%	0.0%	0.0%	-0.1%	0.2%	-0.2%
20%	0.1%	-0.1%	0.1%	0.4%	0.0%	0.3%	0.1%	-0.2%	0.0%	0.1%	-0.1%	0.3%
30%	0.1%	-0.3%	-0.2%	0.1%	0.1%	0.1%	0.2%	0.0%	0.0%	-0.1%	0.1%	-0.2%
40%	0.0%	0.0%	-0.1%	-0.2%	0.3%	0.1%	0.1%	0.2%	-0.5%	0.0%	0.0%	0.1%
50%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.2%	0.0%	0.1%	0.0%
60%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.0%
70%	0.2%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.2%
80%	-0.1%	-0.4%	-0.1%	-0.2%	0.0%	0.3%	0.1%	0.0%	0.2%	-0.2%	-0.1%	0.1%
90%	-0.1%	-0.2%	0.0%	-0.1%	-0.1%	0.1%	0.3%	0.2%	0.2%	0.0%	0.0%	0.0%

Table 5A-D1.7.1-H. Clear Creek at Clear Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.1%	0.2%	0.2%	0.2%	0.2%	0.1%	0.0%	-0.2%	-0.1%	-0.2%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	0.2%	0.0%	-0.1%	0.1%
Above Normal Water Years	-0.1%	0.0%	-0.1%	0.7%	0.8%	0.5%	0.3%	0.0%	-0.3%	-0.5%	0.1%	-0.1%
Below Normal Water Years	0.2%	0.2%	0.2%	-0.2%	-0.1%	-0.1%	-0.1%	0.2%	-0.1%	0.0%	0.1%	-0.1%
Dry Water Years	0.0%	-0.2%	-0.1%	-0.4%	-0.5%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	-0.1%	0.8%	1.4%	1.6%	1.0%	0.9%	0.0%	-0.1%	-0.9%	-0.8%	-1.3%

Table 5A-D1.7.2-A. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.4	50.7	50.2	50.2	50.2	50.5	50.9	50.9	52.2	52.7	52.9	52.7
20%	51.8	50.2	49.0	48.5	48.4	49.9	50.6	50.2	51.7	51.7	51.9	51.4
30%	51.2	49.7	48.3	47.8	48.0	49.3	50.4	49.7	51.1	51.2	50.9	50.5
40%	50.3	49.2	48.0	47.4	47.7	48.9	50.1	49.3	50.0	50.3	50.1	50.0
50%	49.8	49.0	47.7	47.0	47.5	48.6	49.8	48.8	49.6	49.9	50.0	49.7
60%	49.2	48.7	47.5	46.6	47.2	48.4	49.3	48.6	49.2	49.7	49.7	49.4
70%	48.9	48.2	47.1	46.1	46.9	47.9	48.7	48.3	48.5	49.2	49.4	48.9
80%	48.4	47.9	46.7	45.7	46.6	47.5	48.2	47.5	48.1	48.8	48.8	48.6
90%	47.6	47.2	46.2	45.3	45.9	46.5	47.0	46.9	47.7	48.2	48.4	48.1

Table 5A-D1.7.2-B. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.0	49.1	48.0	47.3	47.7	48.6	49.4	48.9	49.9	50.3	50.4	50.0
Wet Water Years	48.6	48.1	47.3	47.1	47.3	47.6	48.1	48.0	48.2	49.2	49.5	48.8
Above Normal Water Years	49.2	48.4	47.4	48.0	48.2	49.0	49.5	49.5	49.4	50.0	49.9	49.2
Below Normal Water Years	50.1	49.2	48.0	46.4	47.0	48.5	49.7	48.7	50.6	50.7	50.0	49.8
Dry Water Years	51.0	49.4	47.9	46.5	47.3	49.2	50.3	49.1	50.8	50.3	50.3	50.7
Critical Water Years	52.5	51.1	50.1	49.1	49.5	50.0	50.7	50.2	51.6	52.7	53.4	52.9

Table 5A-D1.7.2-C. Clear Creek at Clear Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.3	0.1	0.6	0.9	0.4	0.2	0.1	0.1	0.0	-0.1	0.1	-0.1
20%	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.1	-0.1	-0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.2	-0.1
40%	0.0	0.0	-0.1	0.0	0.1	0.1	0.1	0.0	-0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	-0.1	0.0	-0.1	0.0	0.1	0.1	-0.1	0.1	0.0	0.0	0.0
90%	-0.2	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0

Table 5A-D1.7.2-D. Clear Creek at Clear Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.3	0.4	0.3	0.2	0.1	0.0	0.0	0.1	-0.1
Below Normal Water Years	0.1	0.1	0.1	-0.1	-0.1	-0.2	0.0	-0.2	0.0	0.0	0.1	-0.1
Dry Water Years	0.0	-0.1	0.0	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.3	0.4	0.7	0.8	0.5	0.4	0.0	-0.1	-0.4	-0.4	-0.7

Table 5A-D1.7.2-E. Clear Creek at Clear Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.5%	0.1%	1.2%	1.9%	0.8%	0.4%	0.2%	0.2%	0.0%	-0.1%	0.2%	-0.1%
20%	0.1%	0.0%	0.1%	0.3%	0.0%	0.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
30%	0.3%	-0.2%	-0.2%	0.1%	0.1%	0.1%	0.2%	0.0%	0.2%	0.0%	0.3%	-0.2%
40%	0.0%	-0.1%	-0.1%	-0.1%	0.3%	0.1%	0.1%	0.0%	-0.3%	0.0%	0.0%	0.0%
50%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%
70%	0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
80%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.3%	0.1%	-0.3%	0.1%	0.0%	-0.1%	0.1%
90%	-0.4%	-0.1%	0.1%	-0.1%	-0.1%	-0.2%	0.1%	-0.3%	0.2%	0.0%	0.0%	0.0%

Table 5A-D1.7.2-F. Clear Creek at Clear Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.1%	0.1%	0.2%	0.2%	0.2%	0.1%	0.2%	0.0%	0.1%	-0.1%	0.0%	-0.2%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.3%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.1%	-0.1%	0.0%	0.7%	0.8%	0.6%	0.3%	0.2%	0.0%	0.0%	0.2%	-0.1%
Below Normal Water Years	0.1%	0.2%	0.2%	-0.2%	-0.2%	-0.4%	-0.1%	-0.4%	0.0%	0.1%	0.2%	-0.2%
Dry Water Years	0.0%	-0.1%	0.0%	-0.4%	-0.5%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.3%	0.5%	0.8%	1.5%	1.6%	1.0%	0.9%	0.0%	-0.1%	-0.8%	-0.7%	-1.3%

Table 5A-D1.7.3-A. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.2	50.7	49.6	49.3	49.8	50.3	50.8	50.9	52.2	52.8	52.9	52.6
20%	51.9	50.2	49.0	48.4	48.3	49.9	50.6	50.2	51.7	51.7	51.8	51.4
30%	51.2	49.7	48.5	47.7	48.0	49.3	50.3	49.8	51.0	51.3	50.8	50.5
40%	50.3	49.3	48.0	47.3	47.6	48.9	50.1	49.5	50.0	50.3	50.1	50.1
50%	49.7	49.0	47.7	46.9	47.4	48.6	49.8	48.8	49.6	49.9	50.0	49.7
60%	49.2	48.7	47.4	46.5	47.2	48.4	49.4	48.6	49.2	49.7	49.7	49.4
70%	48.9	48.3	47.1	46.1	46.9	47.9	48.7	48.4	48.5	49.2	49.4	48.9
80%	48.4	47.9	46.6	45.7	46.6	47.5	48.2	47.7	48.1	48.8	48.8	48.6
90%	47.8	47.2	46.2	45.2	45.9	46.6	47.0	47.0	47.7	48.2	48.4	48.2

Table 5A-D1.7.3-B. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.0	49.0	47.9	47.1	47.6	48.6	49.3	48.9	49.9	50.3	50.4	50.0
Wet Water Years	48.6	48.1	47.3	47.1	47.3	47.6	48.1	48.0	48.2	49.2	49.4	48.8
Above Normal Water Years	49.2	48.4	47.3	48.0	48.2	49.0	49.5	49.5	49.4	49.9	49.8	49.3
Below Normal Water Years	50.2	49.3	48.1	46.3	47.0	48.5	49.7	49.0	50.7	50.7	49.9	49.9
Dry Water Years	51.0	49.5	48.0	46.5	47.4	49.3	50.3	49.1	50.8	50.3	50.4	50.7
Critical Water Years	52.4	50.8	49.6	48.4	48.9	49.6	50.3	50.2	51.5	52.7	53.5	53.0

Table 5A-D1.7.3-C. Clear Creek at Clear Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1
20%	0.1	0.0	0.0	0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.2	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	-0.1
40%	0.0	0.1	0.0	-0.1	0.0	0.1	0.0	0.1	-0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	-0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
70%	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
80%	0.0	-0.1	-0.1	-0.1	0.0	0.1	0.0	0.1	0.1	0.0	-0.1	0.0
90%	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.1

Table 5A-D1.7.3-D. Clear Creek at Clear Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	-0.1	0.3	0.4	0.3	0.1	0.1	0.0	0.0	0.1	0.0
Below Normal Water Years	0.1	0.1	0.1	-0.2	-0.1	-0.2	-0.1	0.1	0.0	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	-0.2	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.0	-0.1	0.0	0.1	0.1	0.1	0.0	-0.1	-0.4	-0.3	-0.7

Table 5A-D1.7.3-E. Clear Creek at Clear Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.1%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%
20%	0.3%	0.0%	0.1%	0.2%	-0.1%	0.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
30%	0.4%	-0.2%	0.2%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	-0.2%
40%	0.0%	0.2%	0.0%	-0.3%	0.0%	0.1%	0.1%	0.3%	-0.3%	0.0%	0.0%	0.0%
50%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
60%	0.0%	0.0%	0.0%	-0.4%	0.0%	-0.1%	0.1%	0.2%	0.0%	0.1%	0.0%	0.0%
70%	0.4%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%
80%	0.1%	-0.1%	-0.2%	-0.1%	-0.1%	0.2%	0.1%	0.1%	0.1%	0.0%	-0.1%	0.1%
90%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.2%	0.0%	0.0%	0.1%

Table 5A-D1.7.3-F. Clear Creek at Clear Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.2%
Wet Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.2%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	-0.1%	0.6%	0.7%	0.6%	0.3%	0.1%	0.0%	0.0%	0.1%	-0.1%
Below Normal Water Years	0.3%	0.3%	0.3%	-0.4%	-0.3%	-0.4%	-0.1%	0.2%	0.0%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	-0.4%	-0.3%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	-0.1%	-0.2%	0.1%	0.2%	0.2%	0.2%	0.0%	-0.2%	-0.7%	-0.5%	-1.2%

Table 5A-D1.7.4-A. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.4	50.7	50.1	50.2	50.2	50.7	50.9	50.9	52.2	52.8	52.9	52.6
20%	51.9	50.2	49.0	48.4	48.4	49.9	50.6	50.1	51.7	51.7	51.8	51.5
30%	51.2	49.7	48.4	47.9	48.0	49.5	50.4	49.8	51.0	51.2	50.8	50.5
40%	50.3	49.4	48.0	47.3	47.8	49.0	50.1	49.5	50.0	50.3	50.1	50.1
50%	49.9	49.0	47.7	47.0	47.5	48.7	49.8	48.8	49.6	49.9	50.0	49.6
60%	49.3	48.7	47.5	46.6	47.2	48.4	49.3	48.6	49.2	49.6	49.7	49.4
70%	49.0	48.4	47.1	46.1	46.9	47.9	48.7	48.4	48.5	49.2	49.4	48.9
80%	48.5	47.9	46.8	45.7	46.6	47.5	48.2	47.6	48.0	48.7	48.9	48.6
90%	47.8	47.2	46.2	45.3	45.9	46.6	47.0	47.0	47.7	48.2	48.4	48.2

Table 5A-D1.7.4-B. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.0	49.1	48.0	47.3	47.7	48.7	49.4	49.0	49.8	50.3	50.3	50.0
Wet Water Years	48.6	48.2	47.2	47.2	47.3	47.6	48.1	48.0	48.2	49.1	49.4	48.8
Above Normal Water Years	49.2	48.4	47.4	48.0	48.2	49.0	49.5	49.5	49.4	49.9	49.8	49.2
Below Normal Water Years	50.3	49.4	48.1	46.4	47.0	48.6	49.7	49.0	50.6	50.7	49.9	49.9
Dry Water Years	51.0	49.5	48.0	46.5	47.4	49.3	50.3	49.1	50.8	50.3	50.3	50.7
Critical Water Years	52.5	51.1	50.1	49.1	49.6	50.1	50.7	50.4	51.5	52.7	53.4	53.0

Table 5A-D1.7.4-C. Clear Creek at Clear Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.3	0.1	0.6	0.9	0.4	0.3	0.1	0.1	0.0	0.0	0.1	-0.1
20%	0.2	0.0	0.0	0.1	0.1	0.2	0.0	-0.1	0.0	0.0	-0.1	0.0
30%	0.1	-0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.1	-0.1
40%	0.0	0.2	0.0	-0.1	0.2	0.1	0.1	0.2	-0.2	0.0	0.0	0.0
50%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
60%	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0
70%	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
80%	0.1	0.0	0.0	-0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1

Table 5A-D1.7.4-D. Clear Creek at Clear Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	-0.1	0.0	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.3	0.4	0.3	0.2	0.1	0.0	0.0	0.1	0.0
Below Normal Water Years	0.3	0.3	0.2	-0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1
Dry Water Years	0.0	0.0	0.0	-0.2	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.2	0.3	0.4	0.7	0.8	0.6	0.5	0.2	-0.1	-0.5	-0.4	-0.7

Table 5A-D1.7.4-E. Clear Creek at Clear Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.5%	0.1%	1.1%	1.9%	0.8%	0.7%	0.2%	0.1%	0.0%	0.0%	0.2%	-0.3%
20%	0.3%	0.0%	0.1%	0.2%	0.1%	0.3%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%
30%	0.3%	-0.2%	0.1%	0.3%	0.1%	0.4%	0.2%	0.1%	0.0%	0.0%	0.1%	-0.2%
40%	0.1%	0.4%	0.1%	-0.2%	0.5%	0.3%	0.1%	0.3%	-0.4%	0.0%	0.0%	0.0%
50%	0.3%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%
60%	0.2%	0.2%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%
70%	0.5%	0.3%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%
80%	0.1%	0.0%	0.1%	-0.1%	0.0%	0.3%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.1%
90%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.1%

Table 5A-D1.7.4-F. Clear Creek at Clear Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.2%	0.2%	0.2%	0.2%	0.3%	0.2%	0.2%	0.1%	0.0%	-0.2%	-0.1%	-0.2%
Wet Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.2%	-0.1%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	-0.1%	0.7%	0.8%	0.6%	0.3%	0.2%	0.0%	0.0%	0.1%	-0.1%
Below Normal Water Years	0.5%	0.6%	0.5%	-0.2%	-0.1%	-0.1%	-0.1%	0.2%	-0.1%	0.1%	0.1%	-0.2%
Dry Water Years	0.0%	0.0%	0.0%	-0.5%	-0.3%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.3%	0.6%	0.9%	1.4%	1.7%	1.3%	0.9%	0.4%	-0.2%	-0.9%	-0.7%	-1.3%

Table 5A-D1.7.5-A. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.2	50.7	49.6	49.3	49.8	50.3	50.8	50.9	52.2	52.8	52.9	52.6
20%	51.9	50.2	49.0	48.4	48.3	49.9	50.6	50.2	51.7	51.7	51.8	51.4
30%	51.2	49.7	48.5	47.7	47.9	49.3	50.3	49.8	51.0	51.3	50.8	50.5
40%	50.3	49.3	48.0	47.3	47.5	48.9	50.1	49.5	50.0	50.3	50.1	50.1
50%	49.8	49.0	47.7	46.9	47.4	48.6	49.8	48.8	49.6	49.9	50.0	49.7
60%	49.2	48.7	47.4	46.5	47.2	48.4	49.3	48.6	49.2	49.7	49.7	49.4
70%	48.9	48.3	47.1	46.1	46.9	47.9	48.7	48.4	48.5	49.2	49.4	48.9
80%	48.4	47.9	46.6	45.7	46.6	47.5	48.2	47.6	48.1	48.8	48.8	48.6
90%	47.7	47.2	46.2	45.3	45.9	46.6	47.0	47.0	47.7	48.2	48.4	48.2

Table 5A-D1.7.5-B. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.0	49.0	47.9	47.1	47.6	48.6	49.3	48.9	49.9	50.3	50.4	50.0
Wet Water Years	48.6	48.1	47.3	47.1	47.3	47.6	48.1	48.0	48.2	49.2	49.4	48.8
Above Normal Water Years	49.2	48.4	47.4	48.0	48.2	49.0	49.5	49.5	49.4	49.9	49.8	49.3
Below Normal Water Years	50.2	49.3	48.0	46.3	47.0	48.5	49.7	49.0	50.7	50.7	49.9	49.9
Dry Water Years	51.0	49.5	48.0	46.5	47.4	49.3	50.3	49.1	50.8	50.3	50.4	50.7
Critical Water Years	52.4	50.8	49.6	48.4	48.8	49.6	50.3	50.2	51.5	52.7	53.5	53.0

Table 5A-D1.7.5-C. Clear Creek at Clear Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1
20%	0.1	0.0	0.0	0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.2	-0.1	0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1	-0.1
40%	0.0	0.1	0.0	-0.1	0.0	0.1	0.0	0.1	-0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
70%	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
80%	0.0	-0.1	-0.1	-0.1	0.0	0.1	0.0	0.1	0.1	0.0	-0.1	0.0
90%	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.1

Table 5A-D1.7.5-D. Clear Creek at Clear Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Above Normal Water Years	0.0	0.0	-0.1	0.3	0.4	0.3	0.1	0.1	0.0	0.0	0.1	0.0
Below Normal Water Years	0.1	0.1	0.1	-0.2	-0.1	-0.2	-0.1	0.1	0.0	0.0	0.0	-0.1
Dry Water Years	0.0	0.0	0.0	-0.2	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.0	-0.1	0.1	0.1	0.1	0.1	0.0	-0.1	-0.4	-0.3	-0.7

Table 5A-D1.7.5-E. Clear Creek at Clear Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%
20%	0.3%	0.0%	0.1%	0.2%	-0.1%	0.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
30%	0.3%	-0.2%	0.2%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.2%	-0.2%
40%	0.0%	0.3%	0.0%	-0.3%	0.0%	0.1%	0.1%	0.3%	-0.3%	0.0%	0.0%	0.1%
50%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
60%	0.1%	0.0%	0.0%	-0.3%	0.0%	-0.1%	0.1%	0.2%	0.0%	0.1%	0.0%	0.0%
70%	0.4%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%
80%	0.0%	-0.1%	-0.2%	-0.1%	-0.1%	0.2%	0.1%	0.1%	0.1%	0.0%	-0.1%	0.1%
90%	-0.3%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.2%	0.0%	0.0%	0.1%

Table 5A-D1.7.5-F. Clear Creek at Clear Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.2%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.2%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	-0.1%	0.6%	0.7%	0.6%	0.3%	0.1%	0.0%	0.0%	0.1%	-0.1%
Below Normal Water Years	0.3%	0.3%	0.3%	-0.4%	-0.3%	-0.4%	-0.1%	0.2%	0.0%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	-0.4%	-0.3%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	-0.1%	-0.2%	0.1%	0.1%	0.2%	0.2%	0.0%	-0.2%	-0.7%	-0.5%	-1.3%

Figure 5A-D1.7.1. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

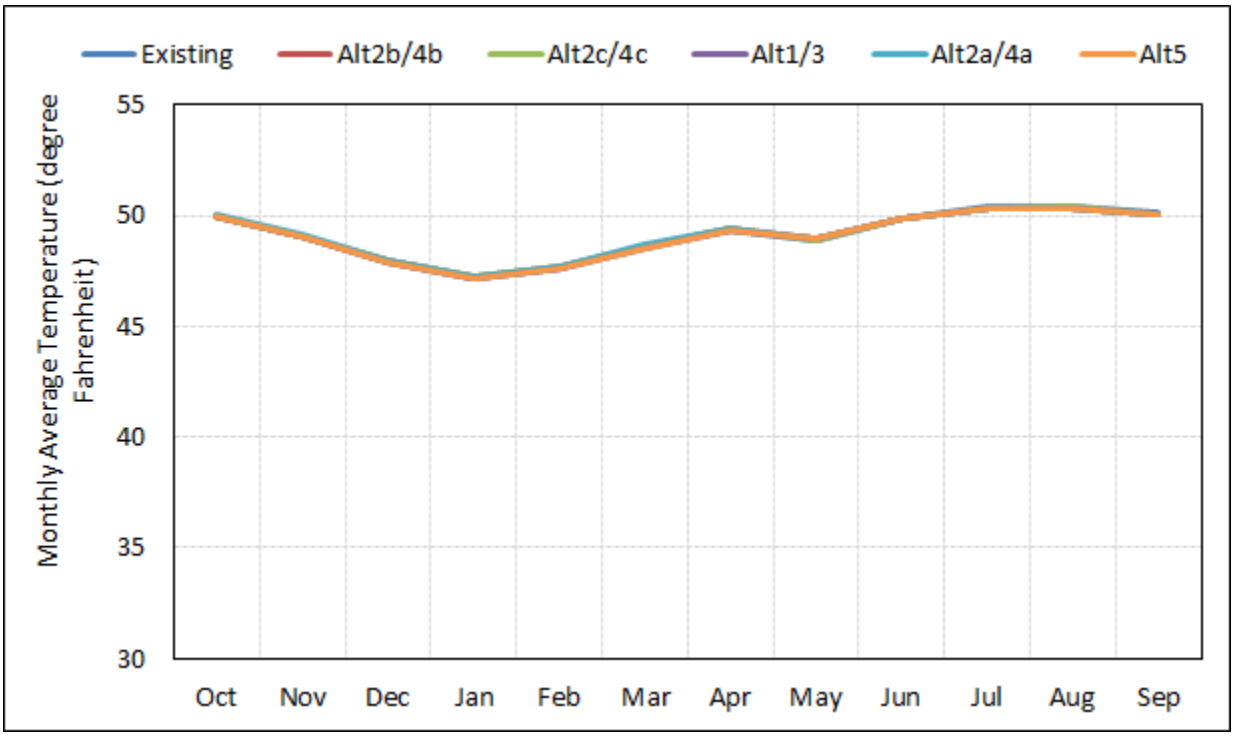


Figure 5A-D1.7.2. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

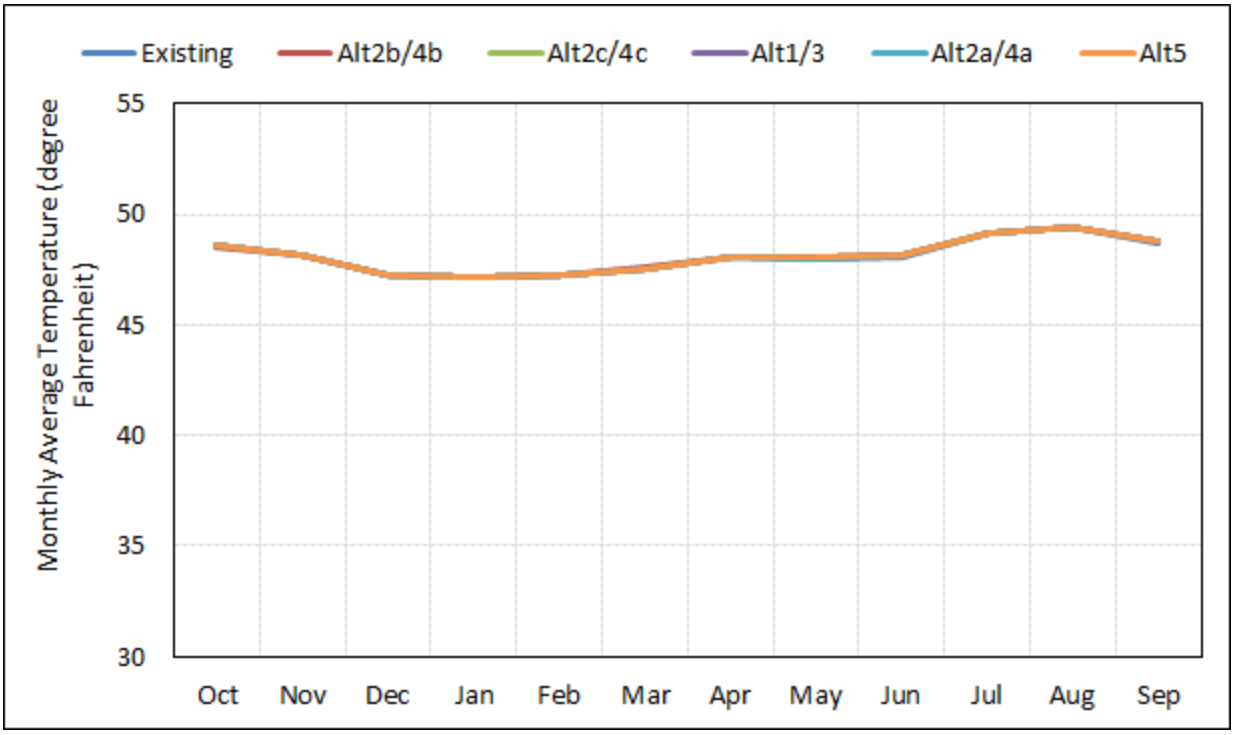


Figure 5A-D1.7.3. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

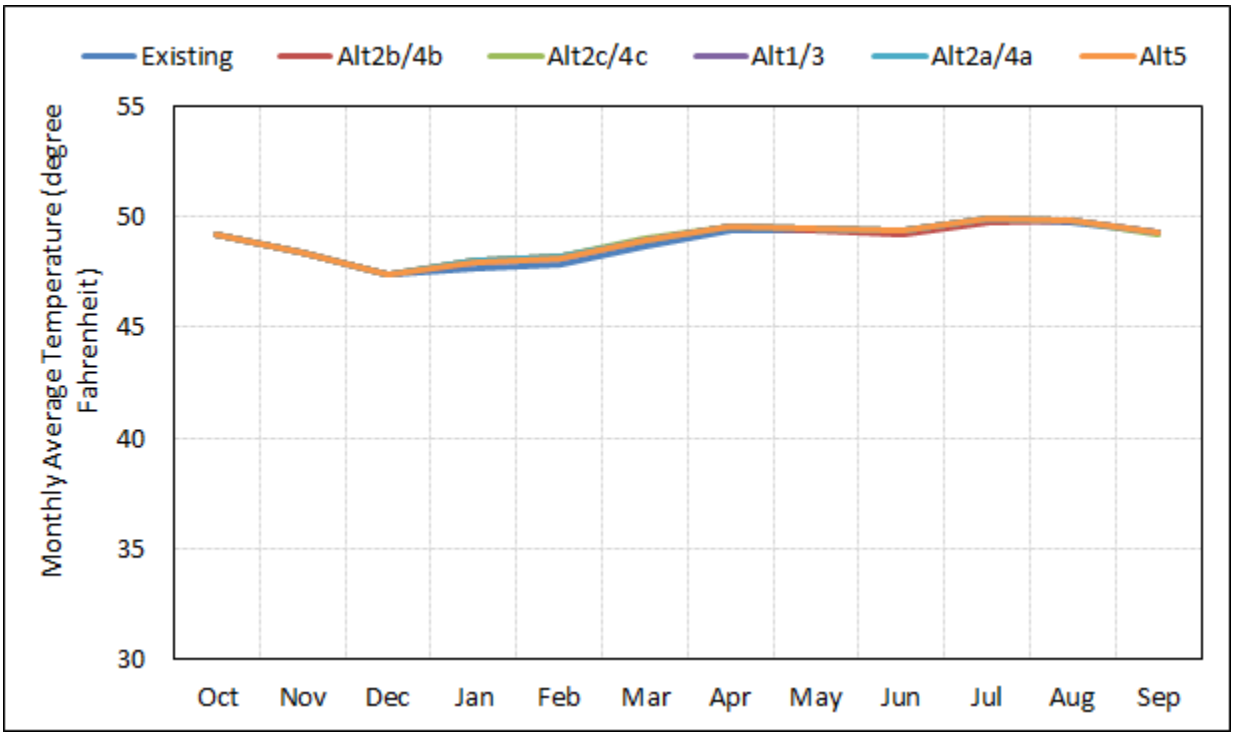


Figure 5A-D1.7.4. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

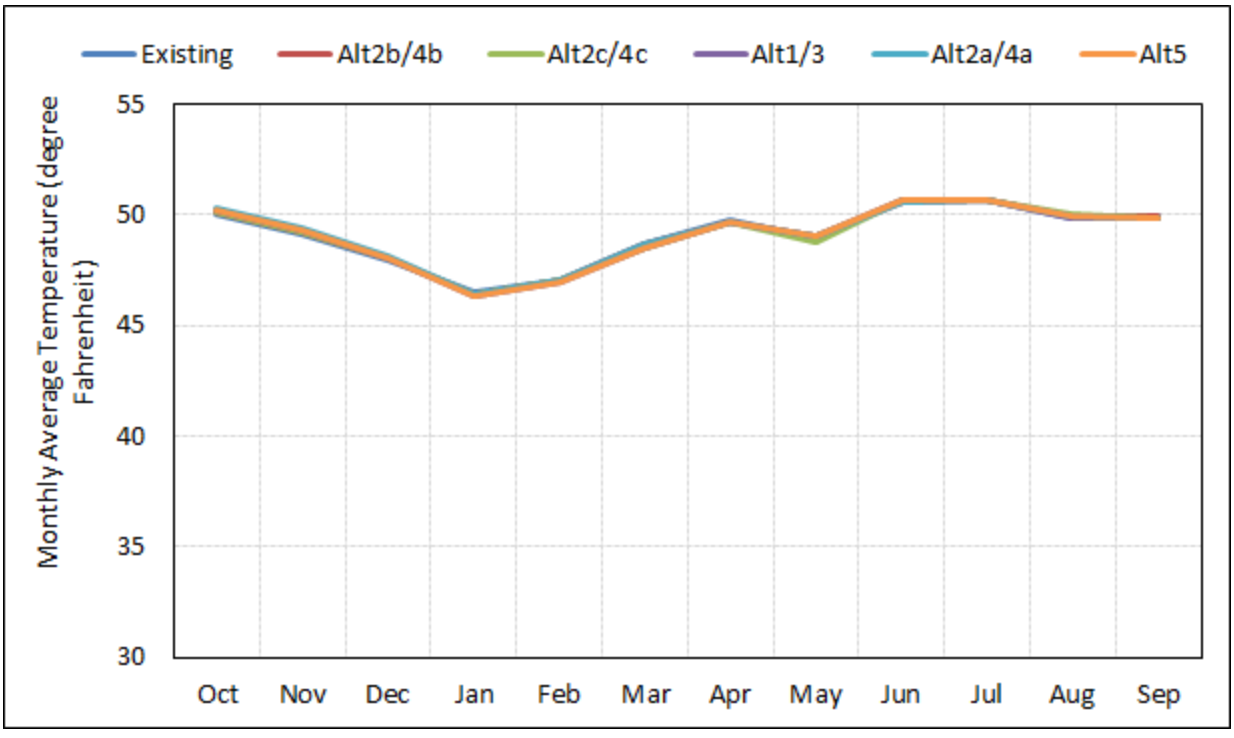


Figure 5A-D1.7.5. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

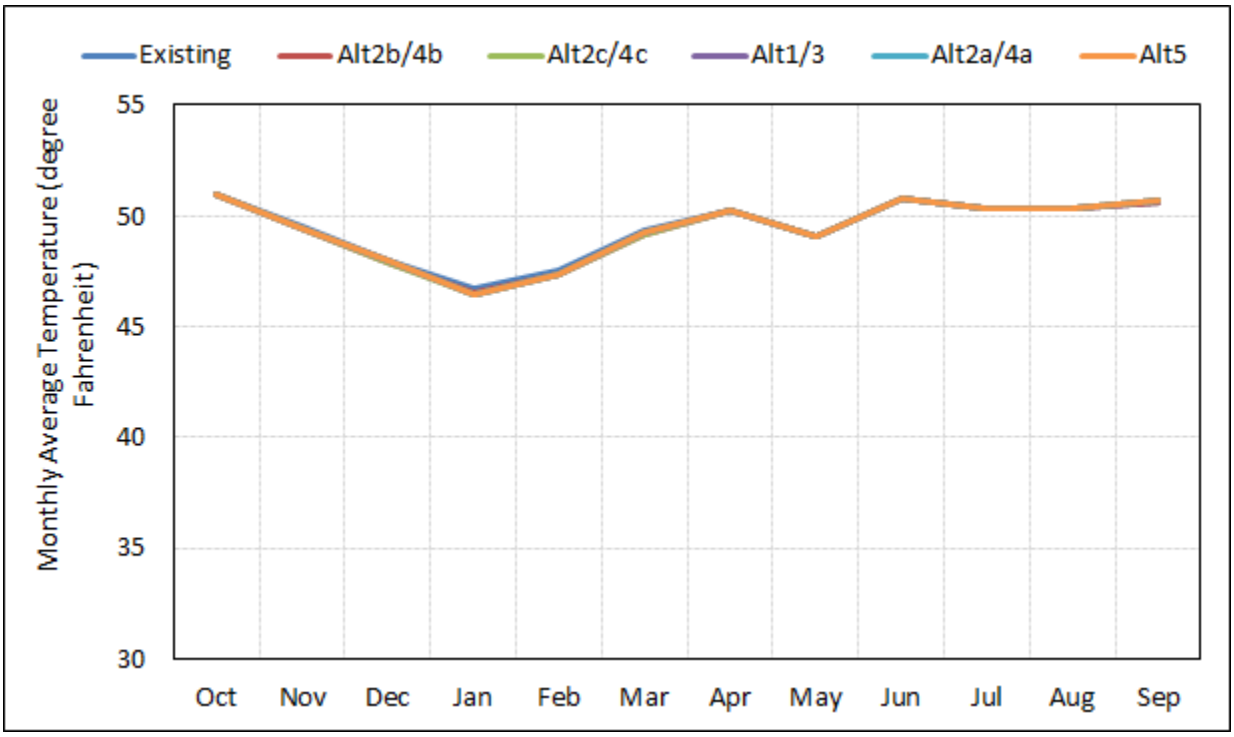


Figure 5A-D1.7.6. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

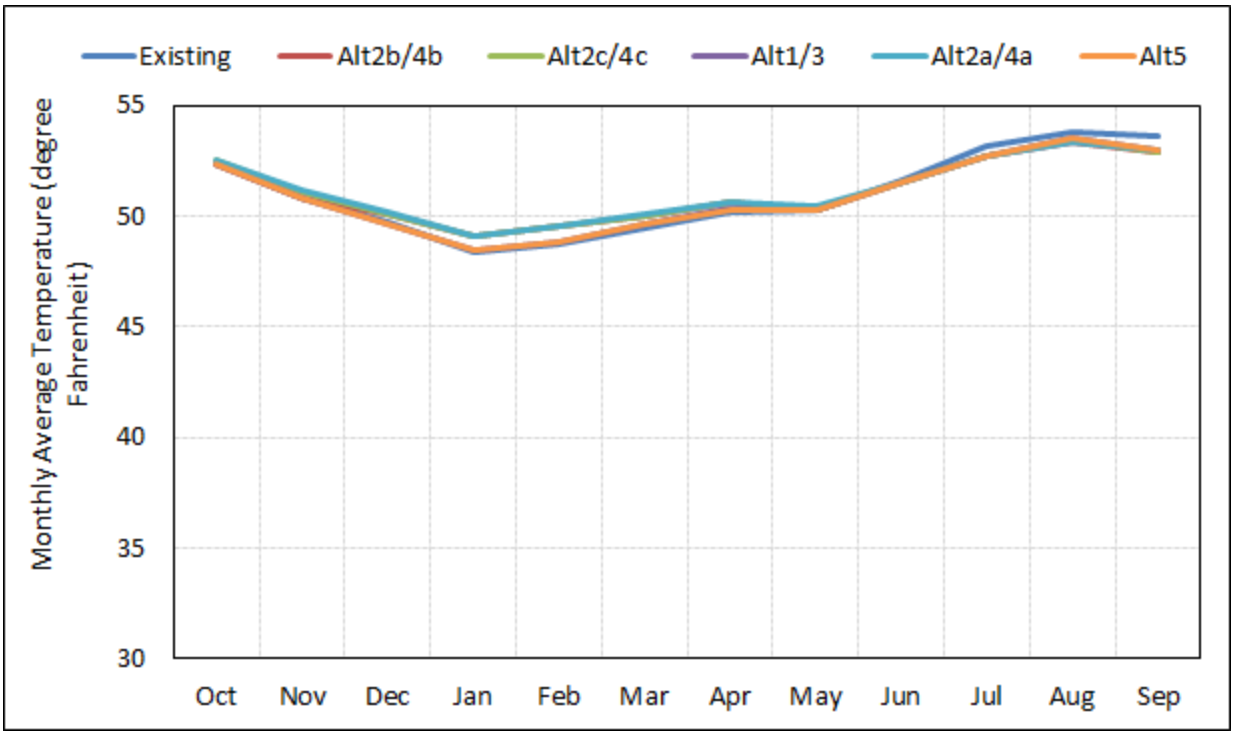


Figure 5A-D1.7.7. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

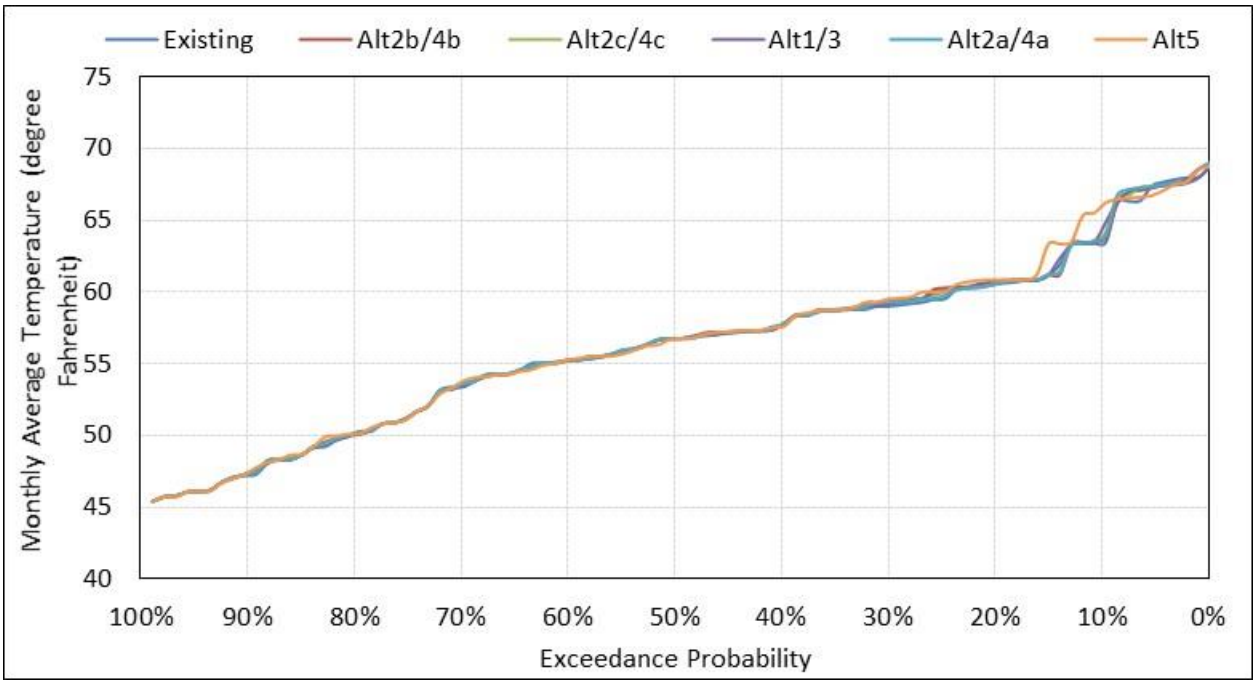


Figure 5A-D1.7.8. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

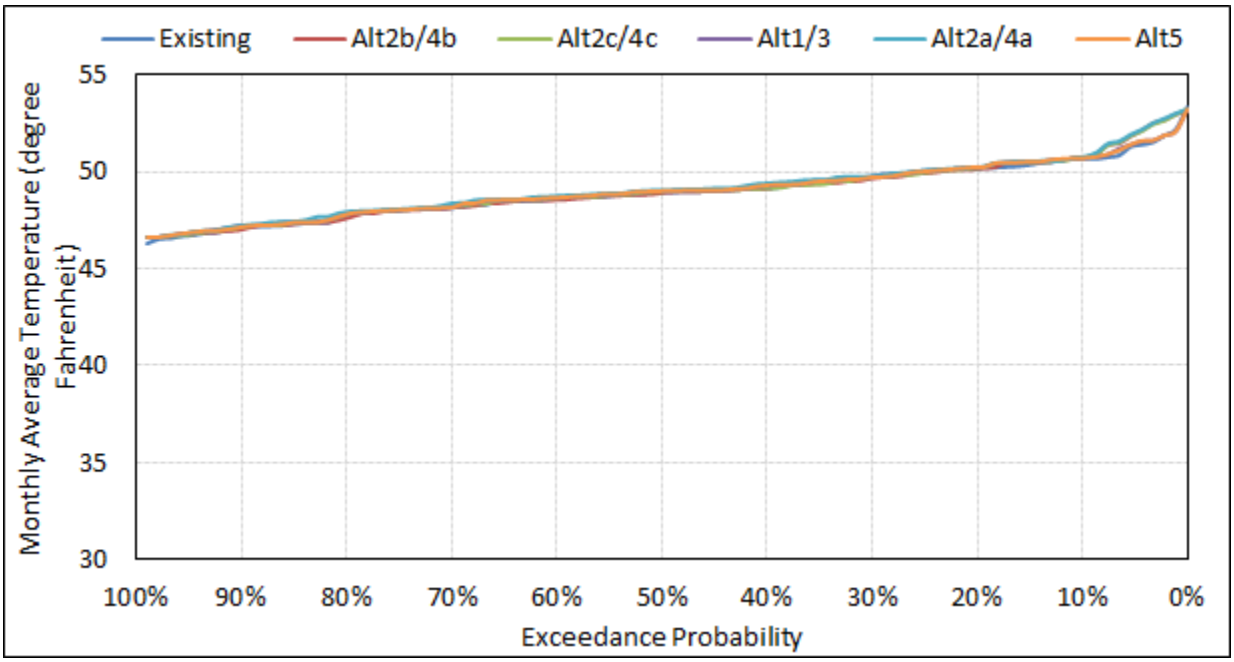


Figure 5A-D1.7.9. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

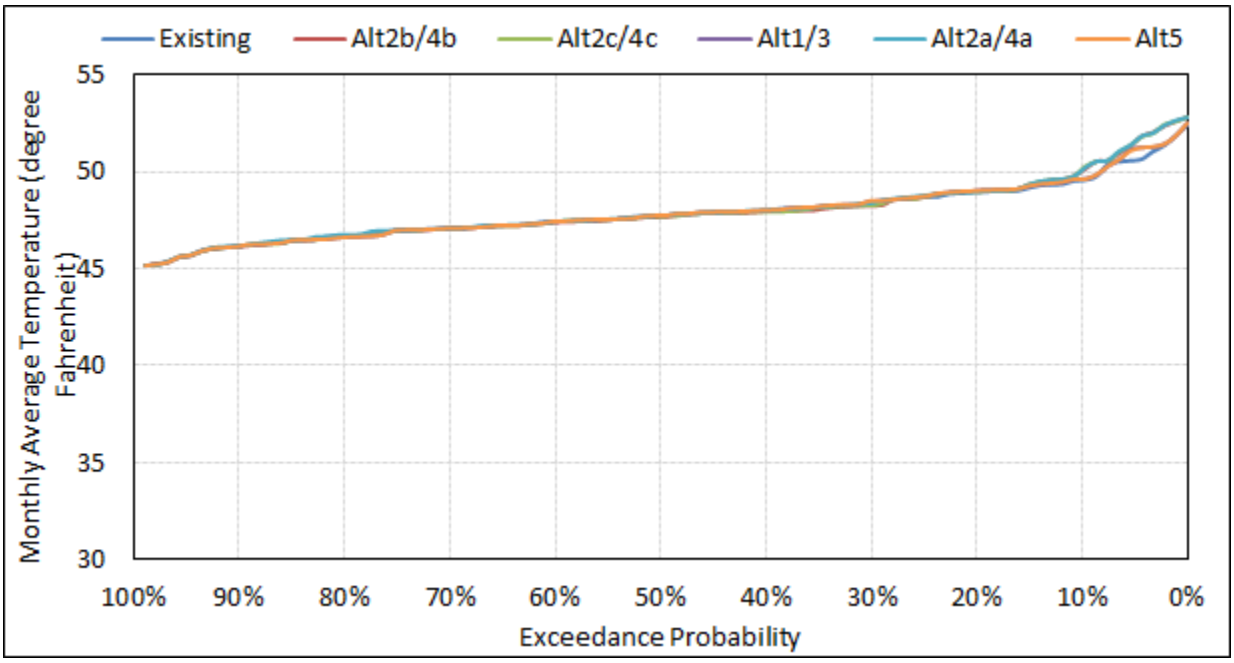


Figure 5A-D1.7.10. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

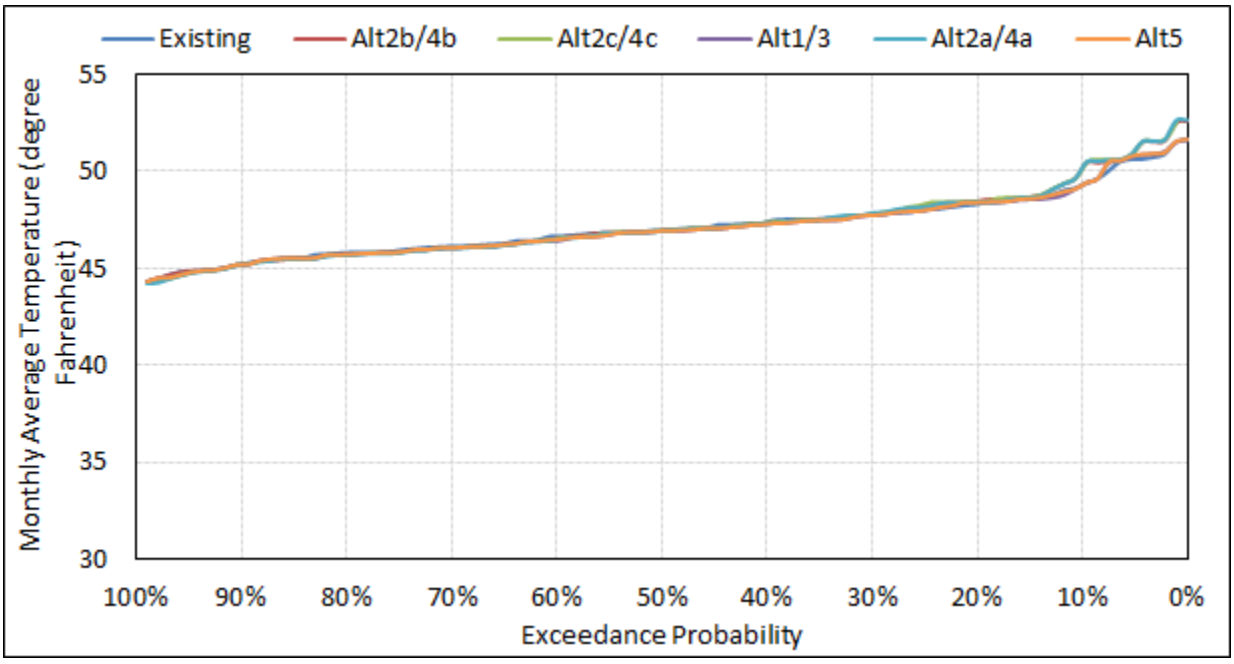


Figure 5A-D1.7.11. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

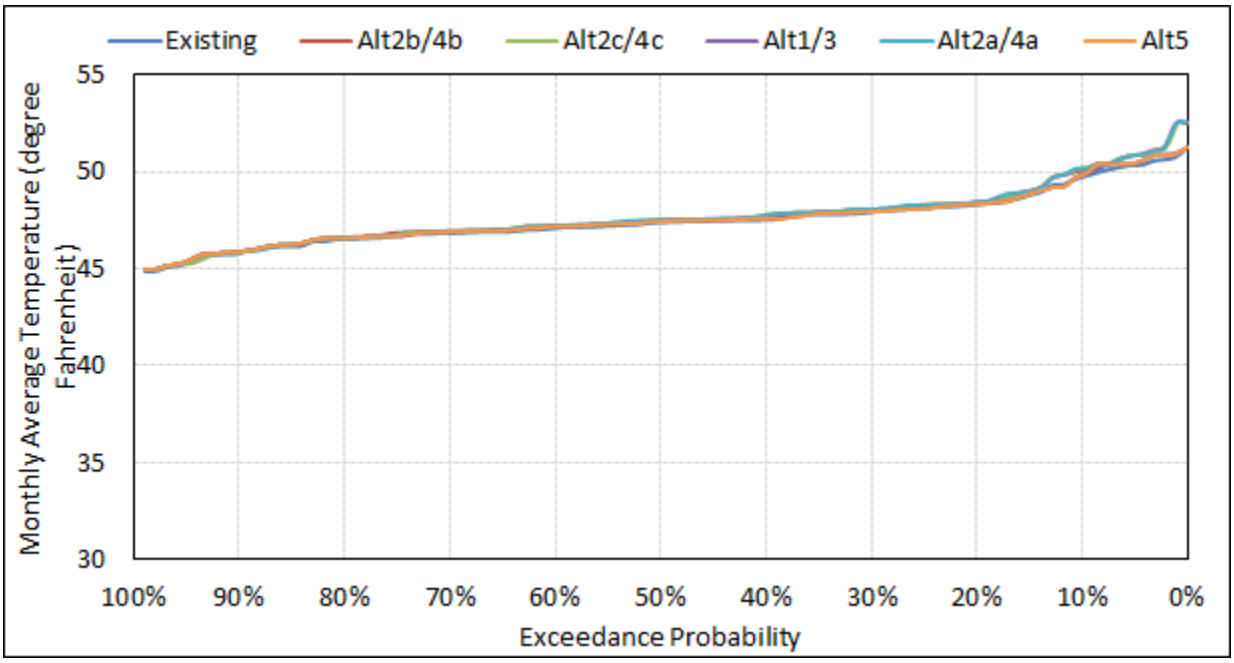


Figure 5A-D1.7.12. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

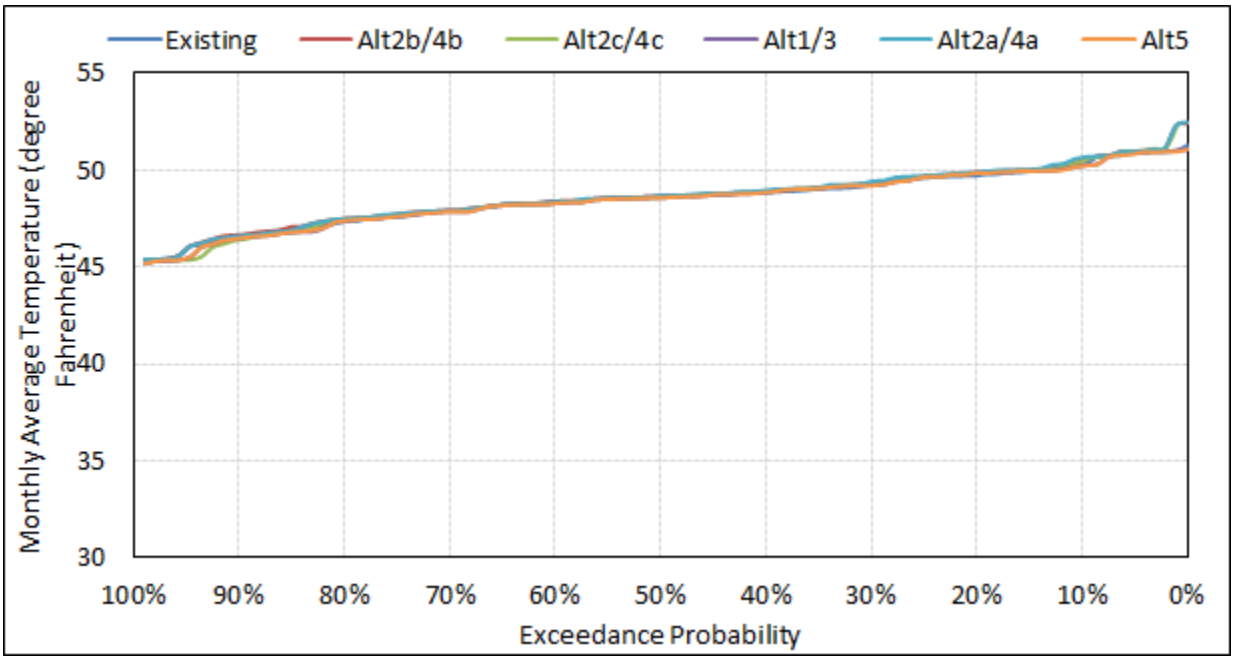


Figure 5A-D1.7.13. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

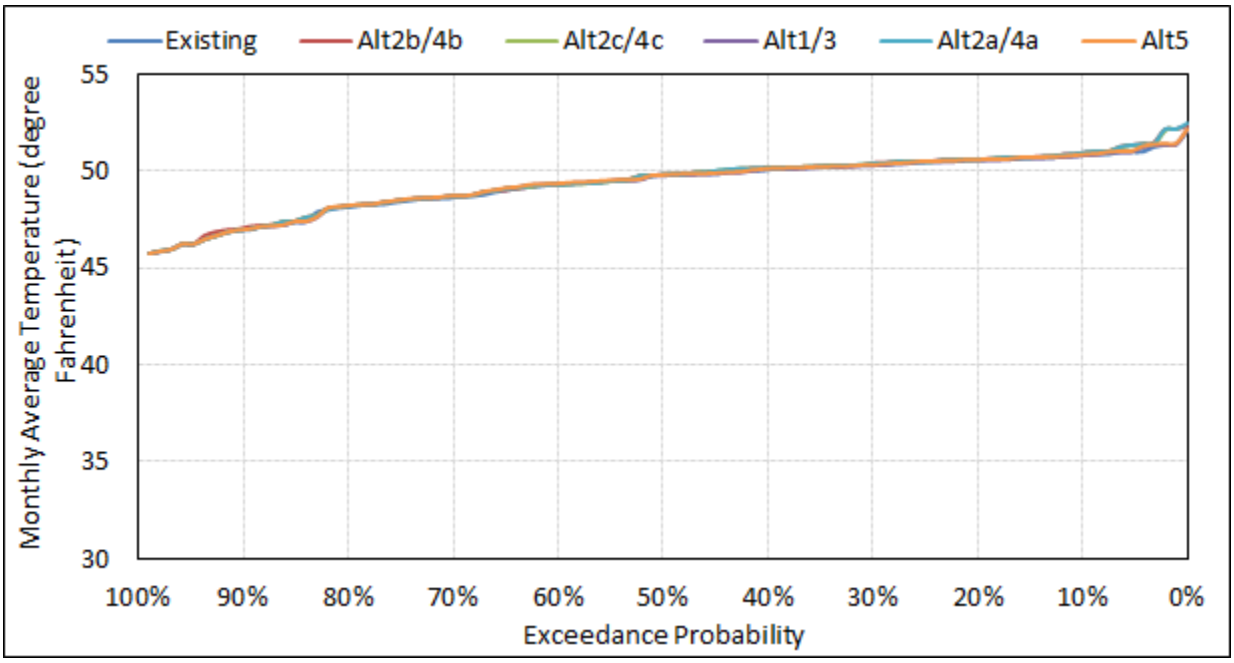


Figure 5A-D1.7.14. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

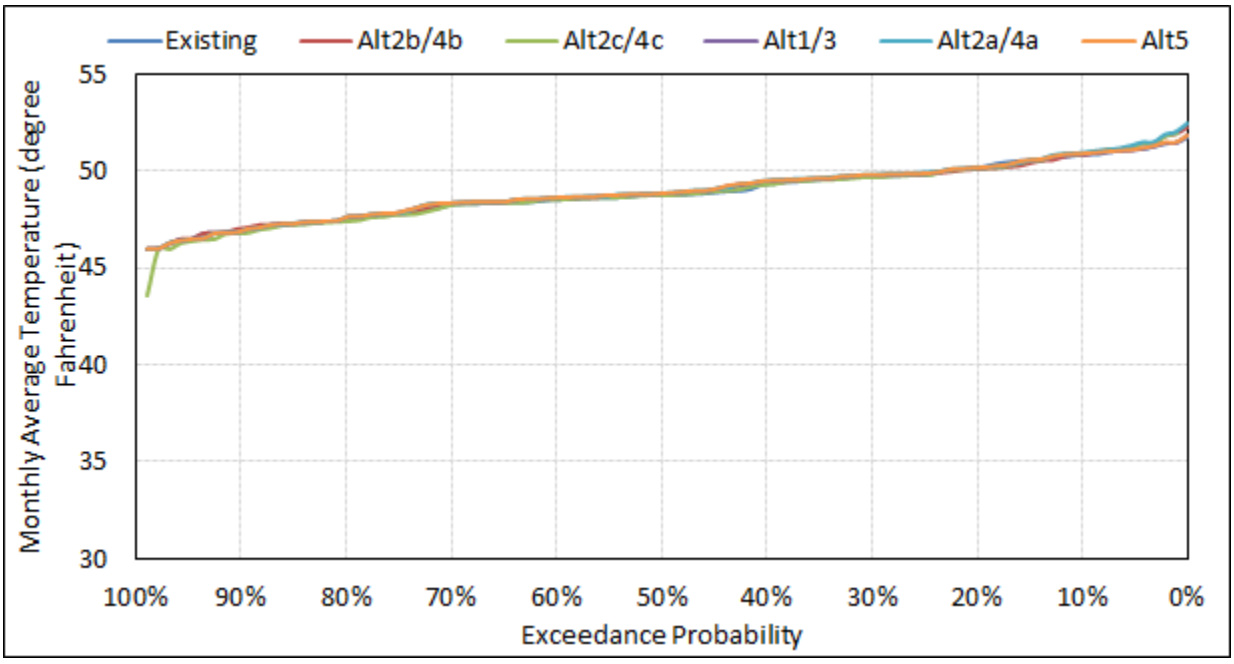


Figure 5A-D1.7.15. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

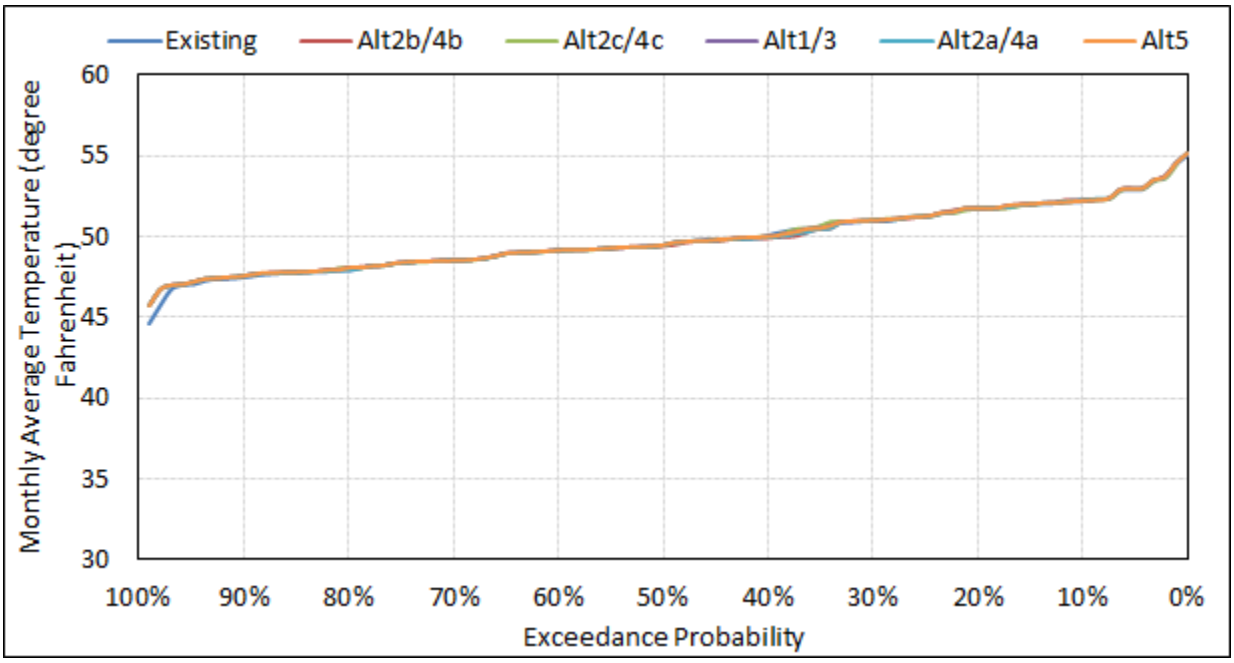


Figure 5A-D1.7.16. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

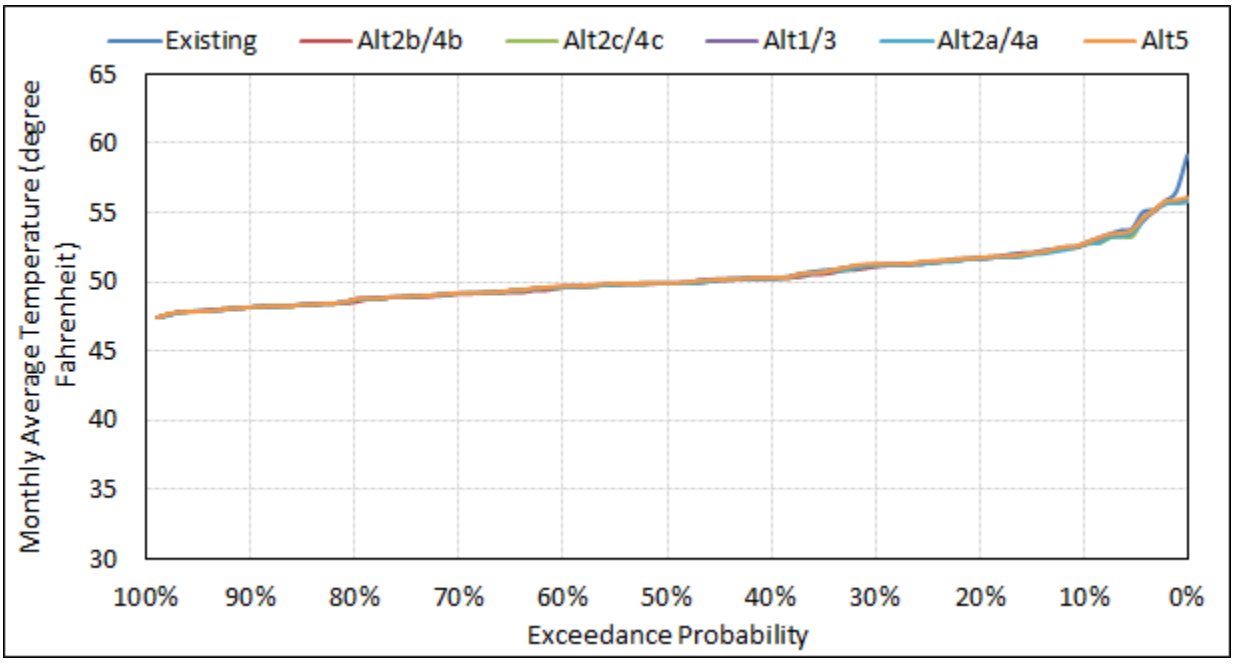


Figure 5A-D1.7.17. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

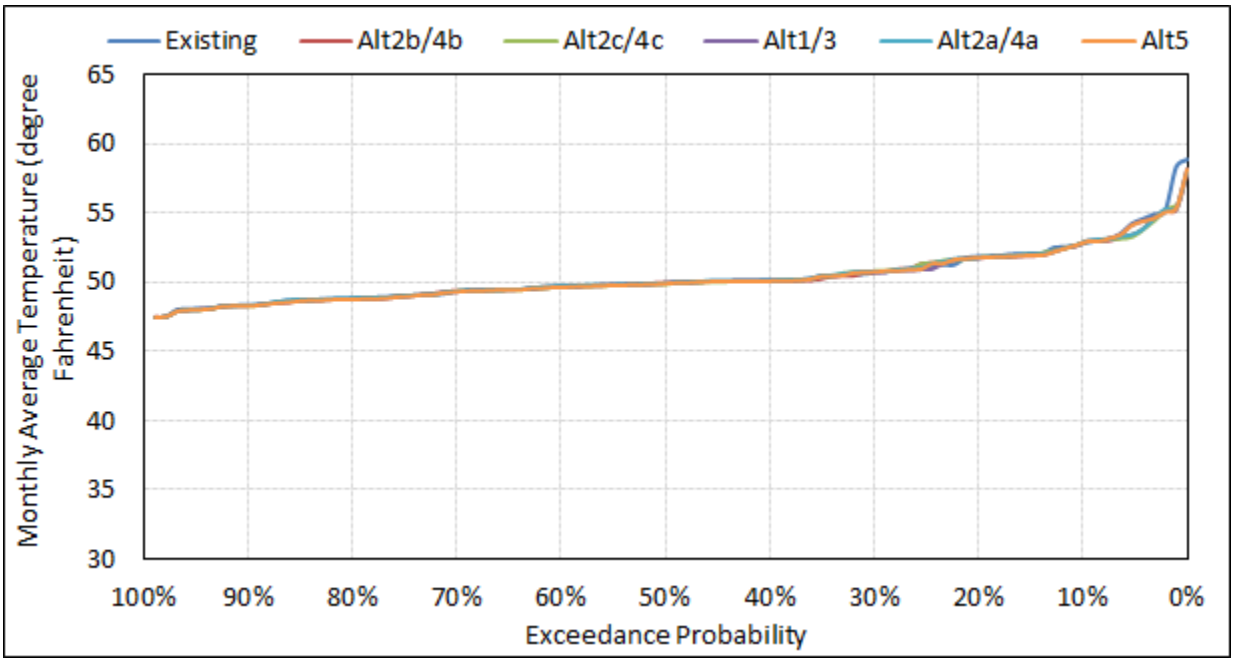


Figure 5A-D1.7.18. Clear Creek at Clear Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

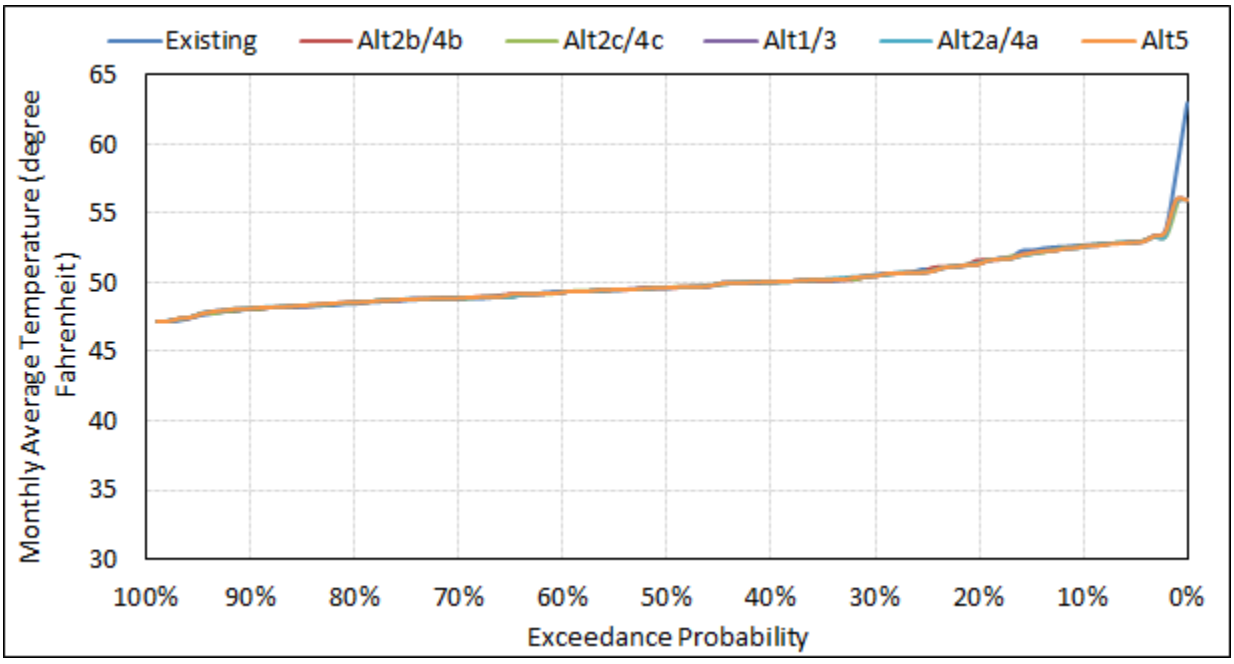
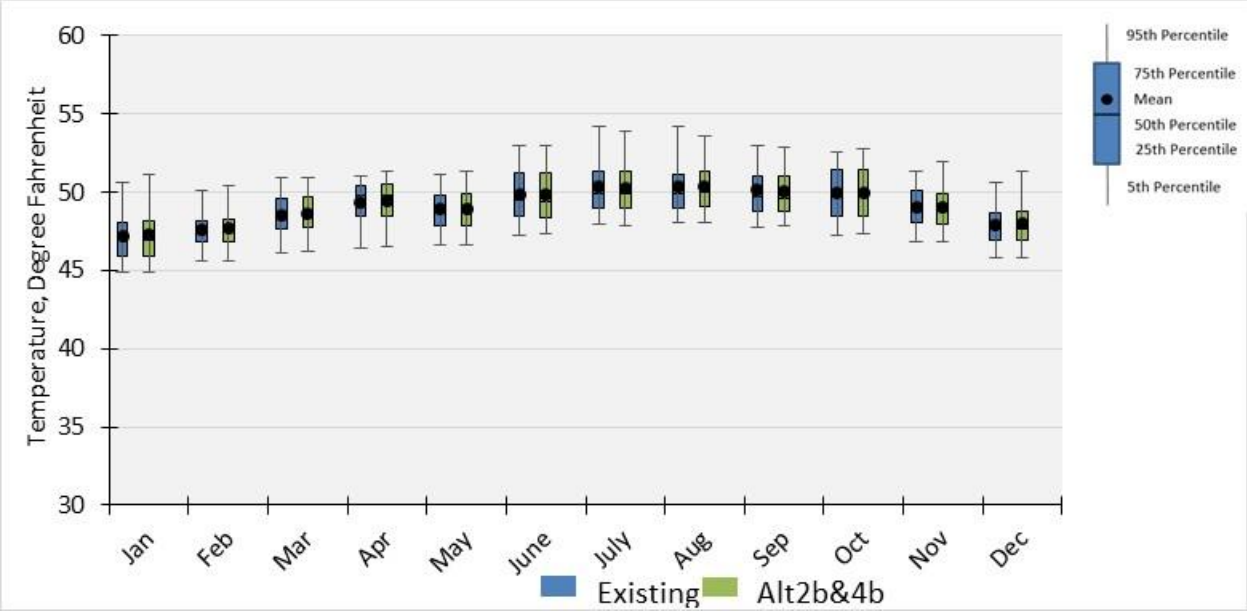


Figure 5A-D1.7.19. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



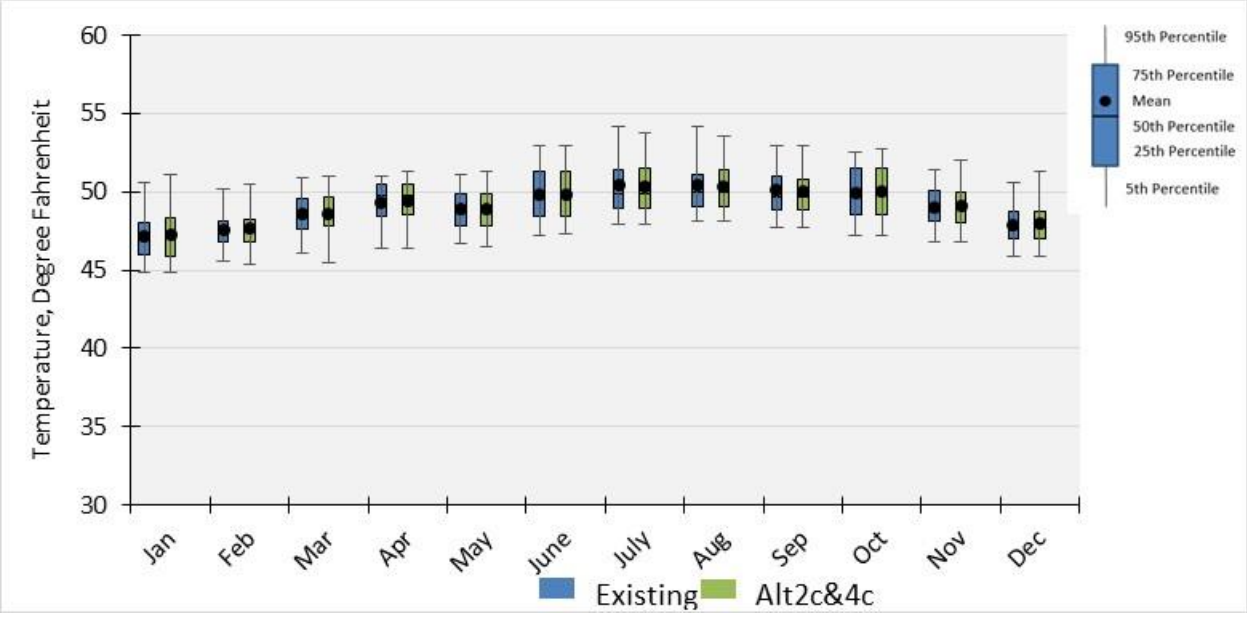
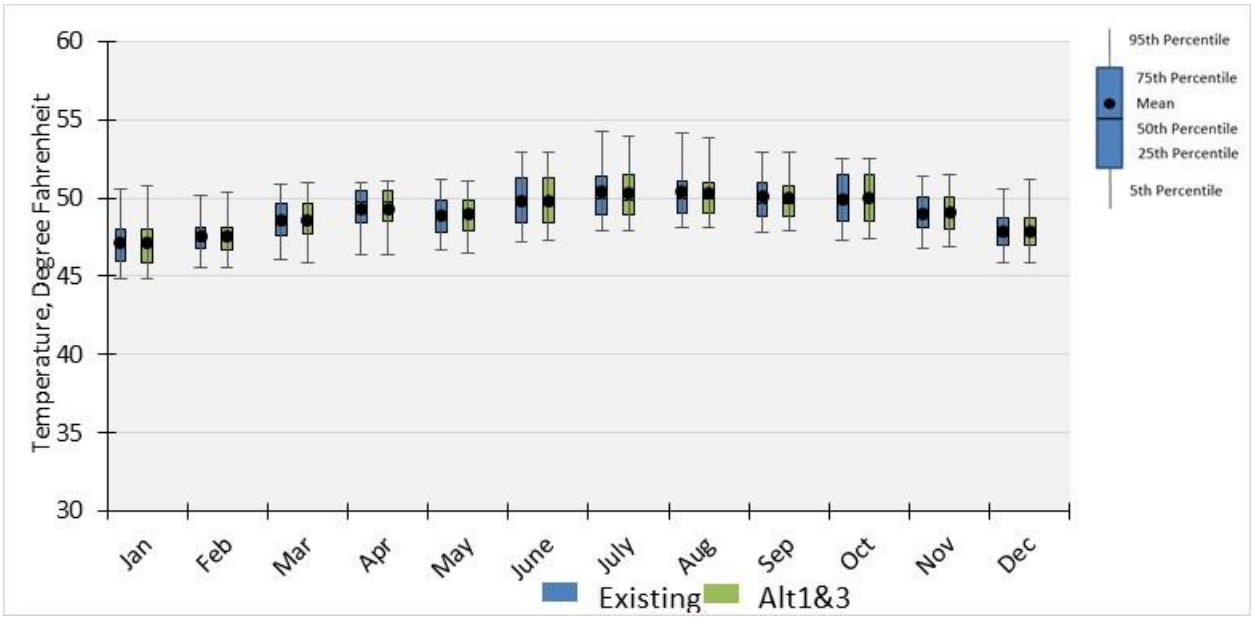


Figure 5A-D1.7.20. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



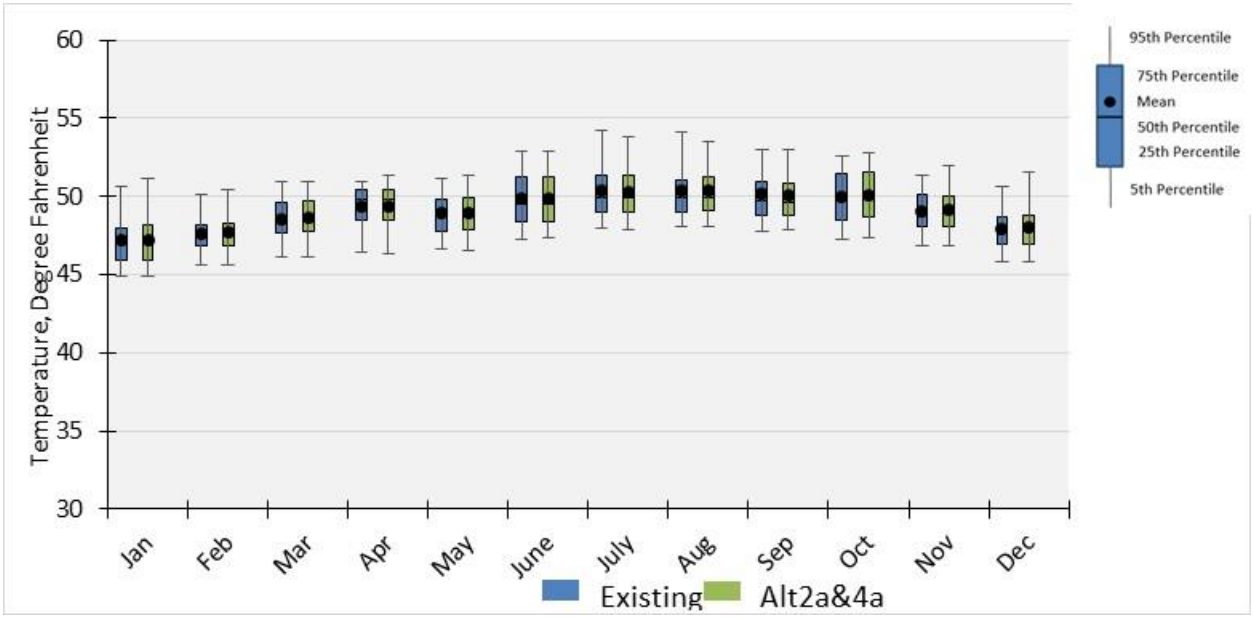


Figure 5A-D1.7.21. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

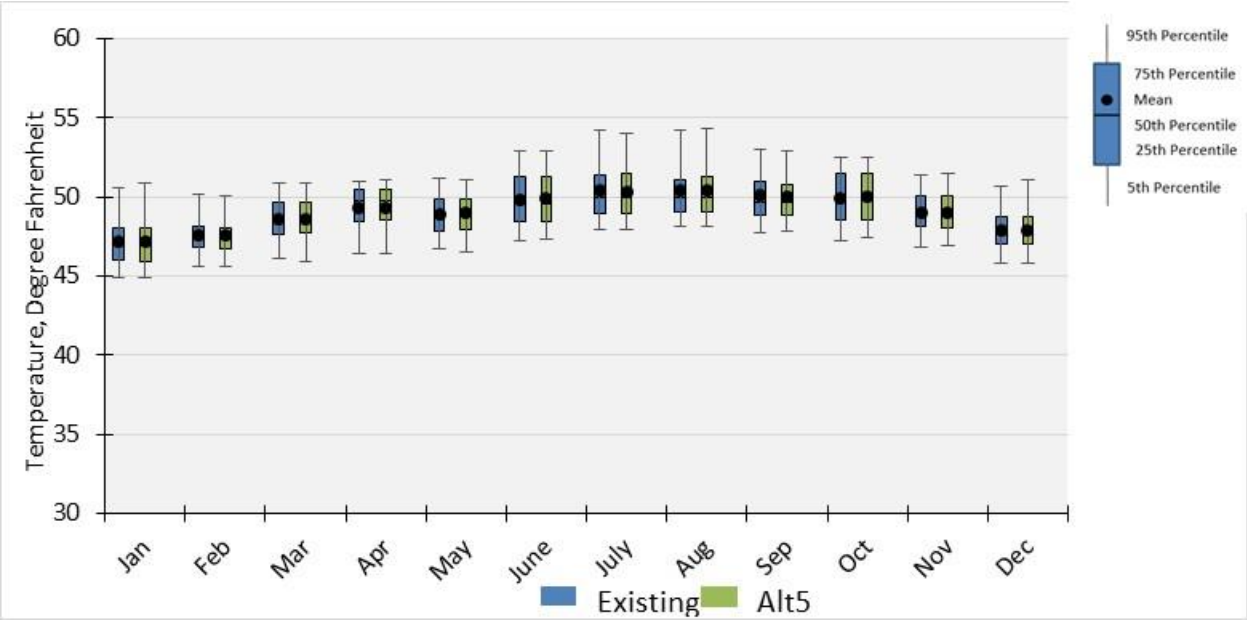
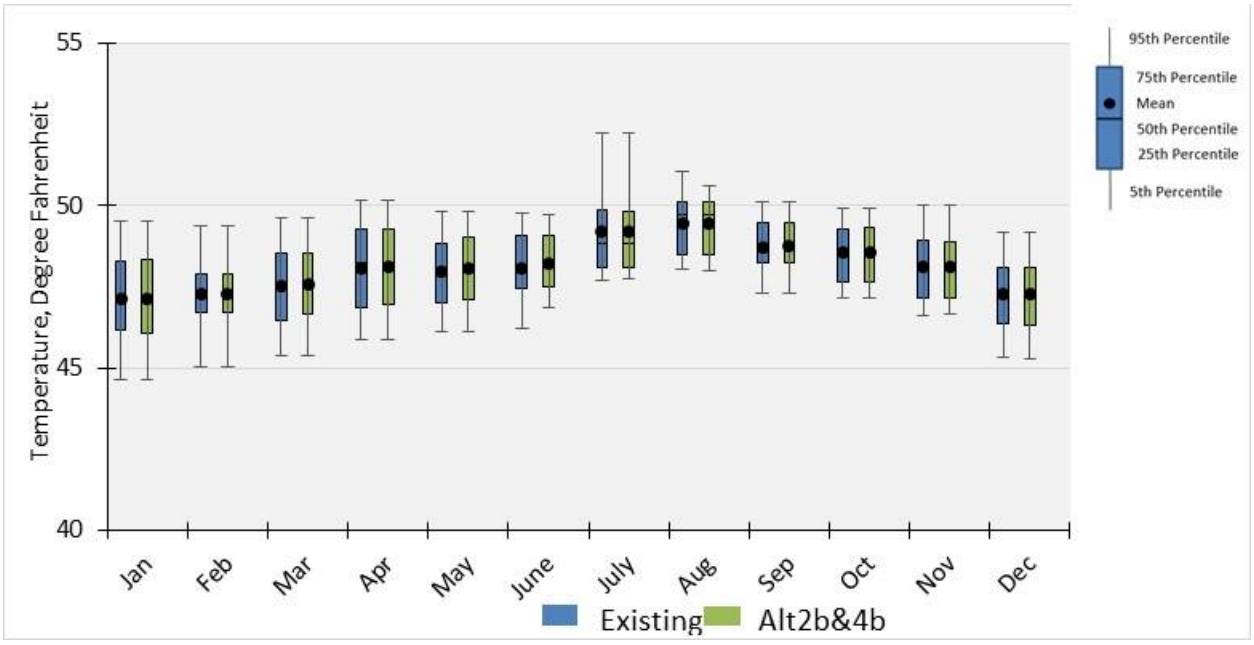


Figure 5A-D1.7.22. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



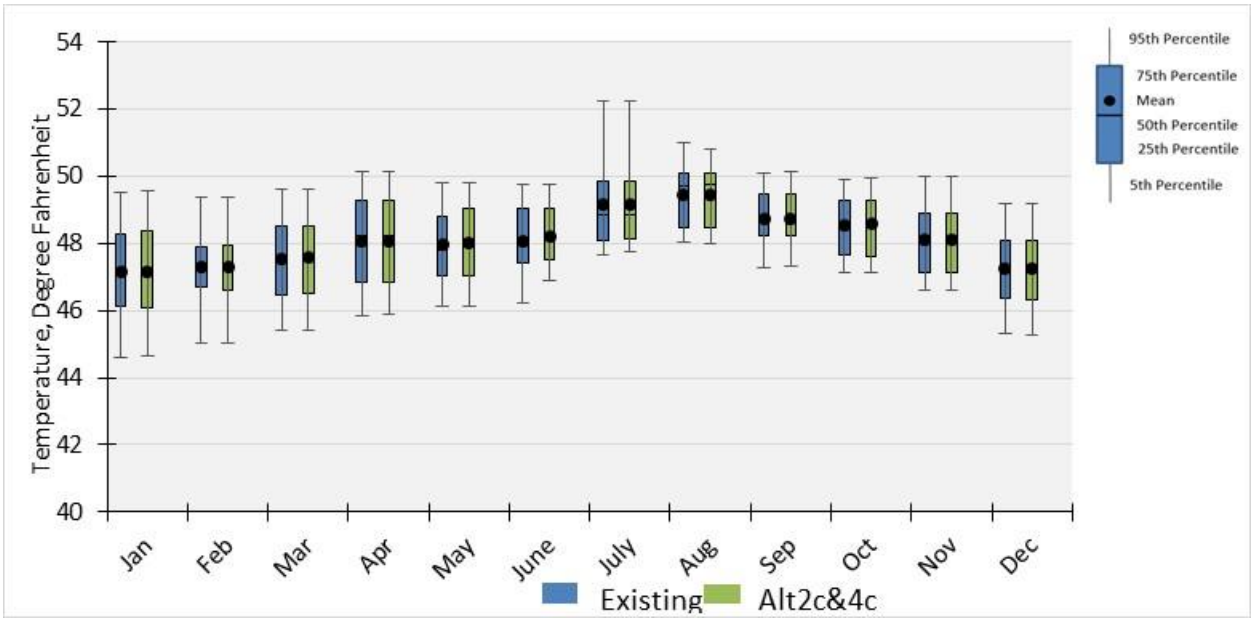
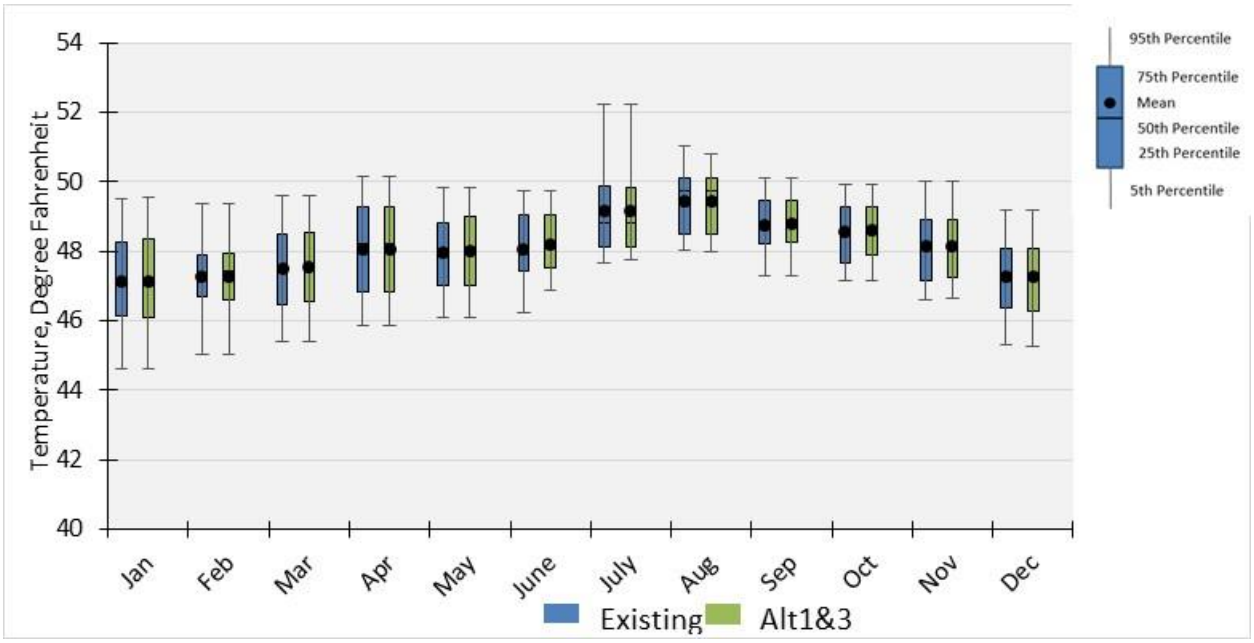


Figure 5A-D1.7.23. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



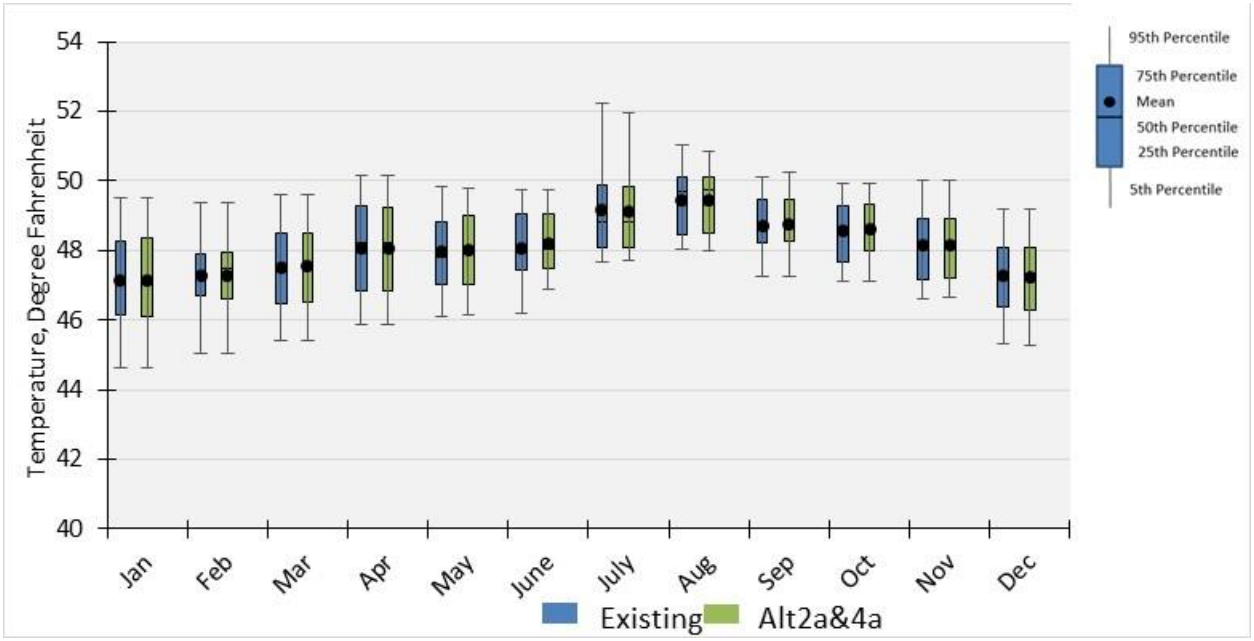


Figure 5A-D1.7.24. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

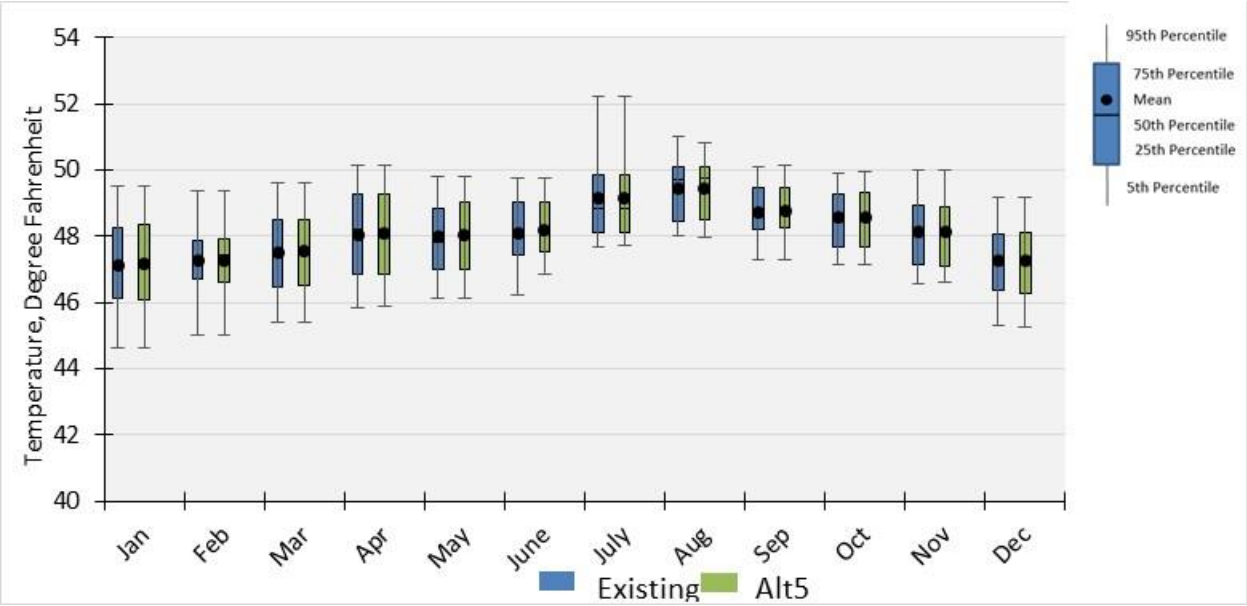
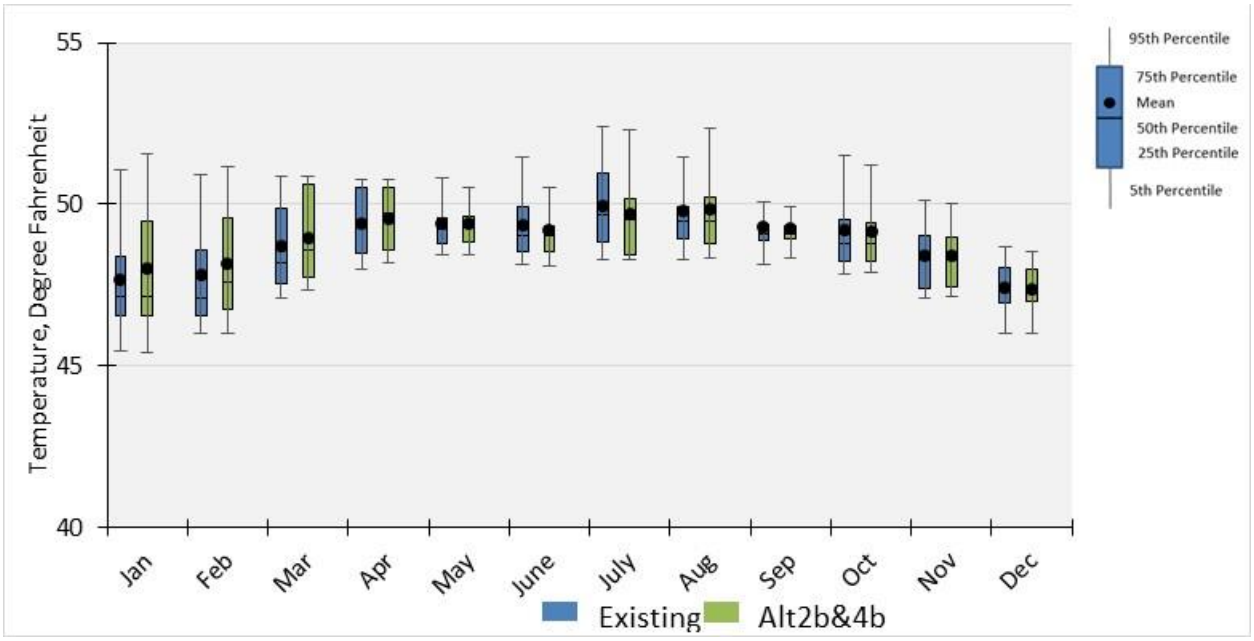


Figure 5A-D1.7.25. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



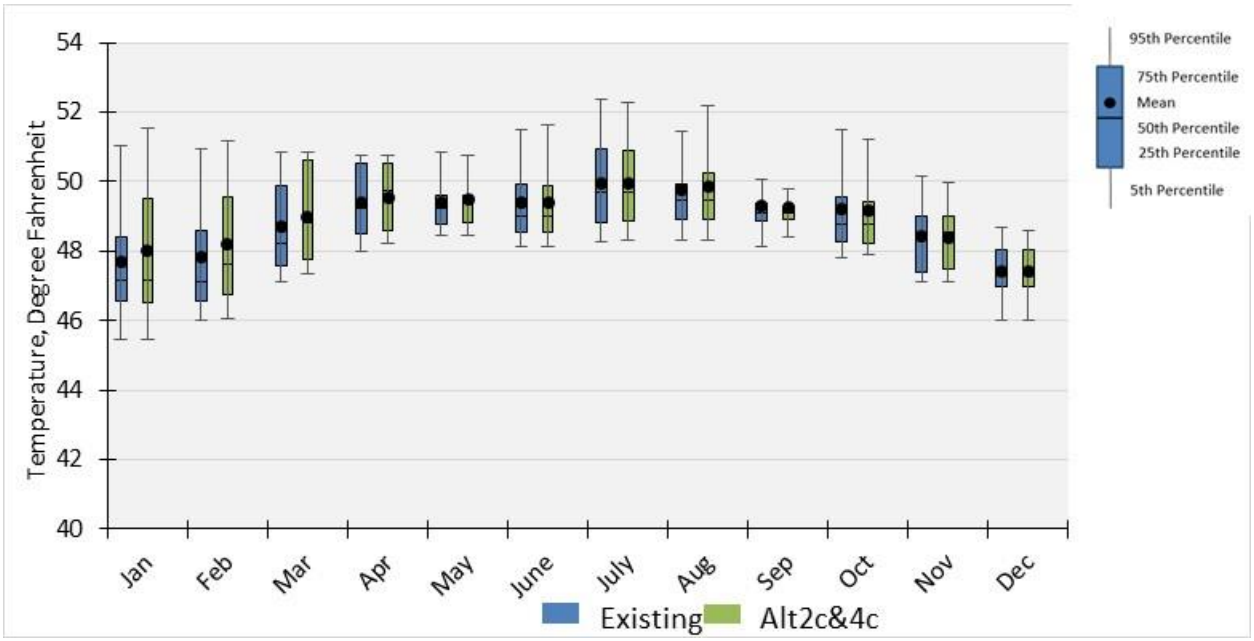
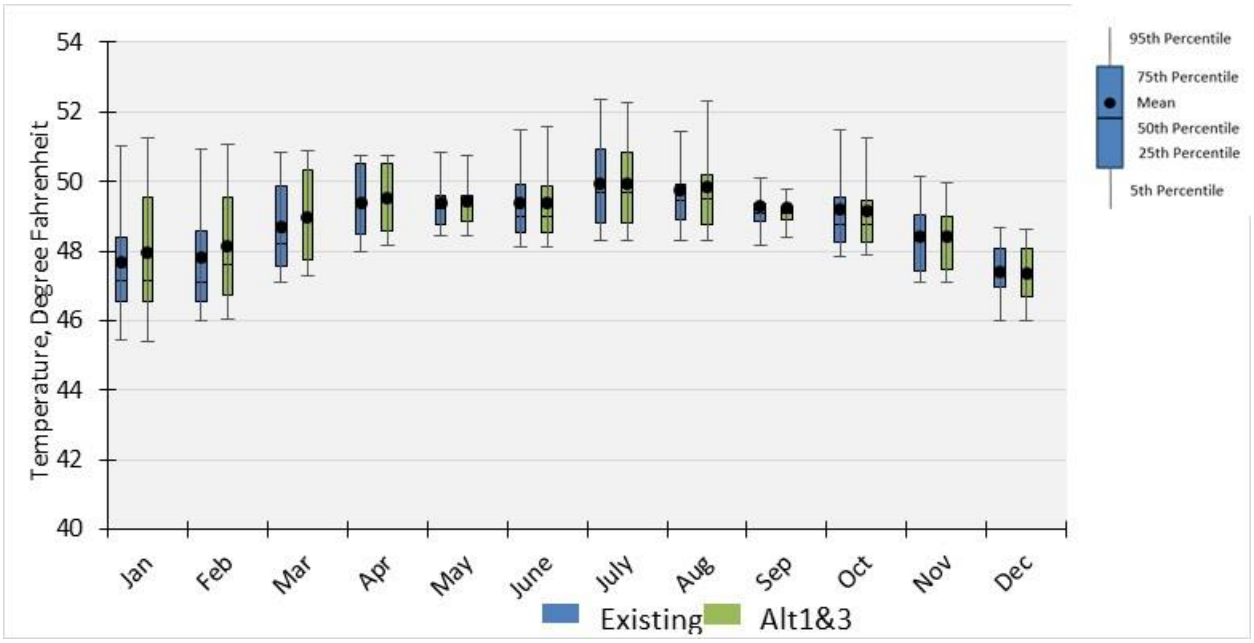


Figure 5A-D1.7.26. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



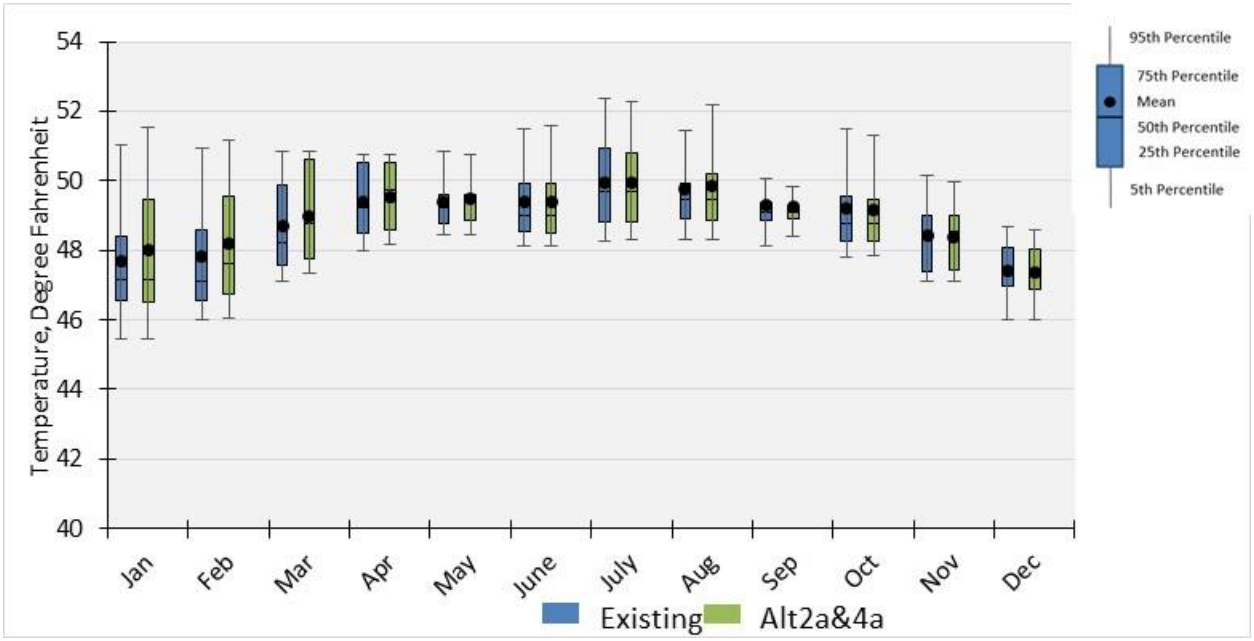


Figure 5A-D1.7.27. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

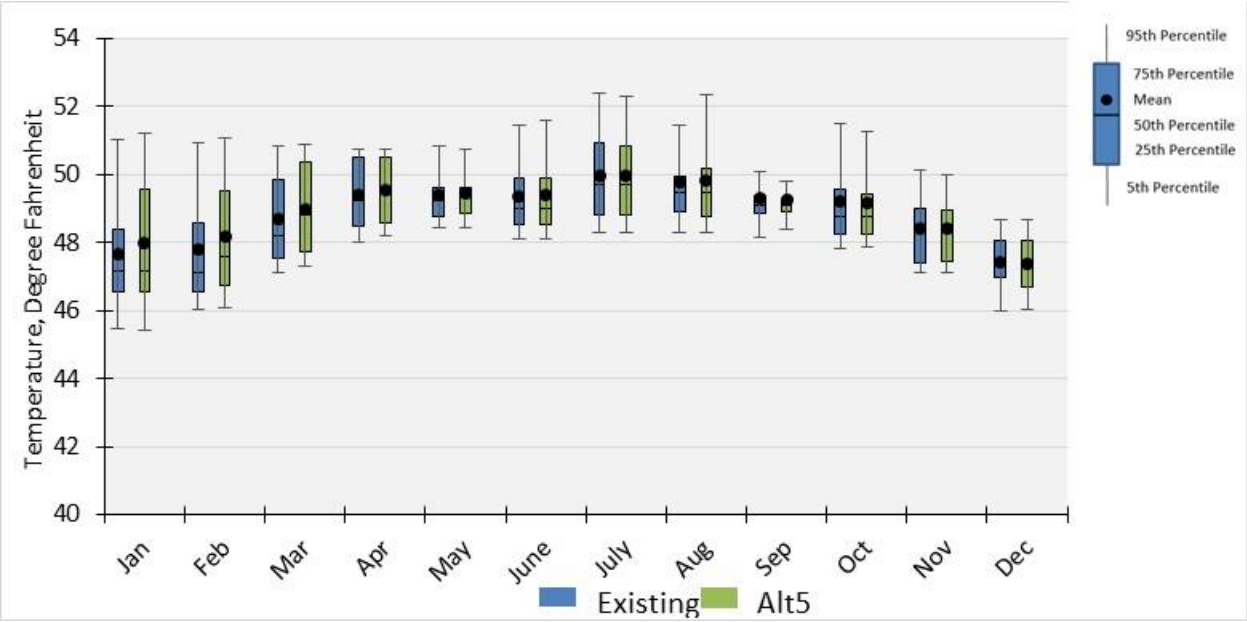
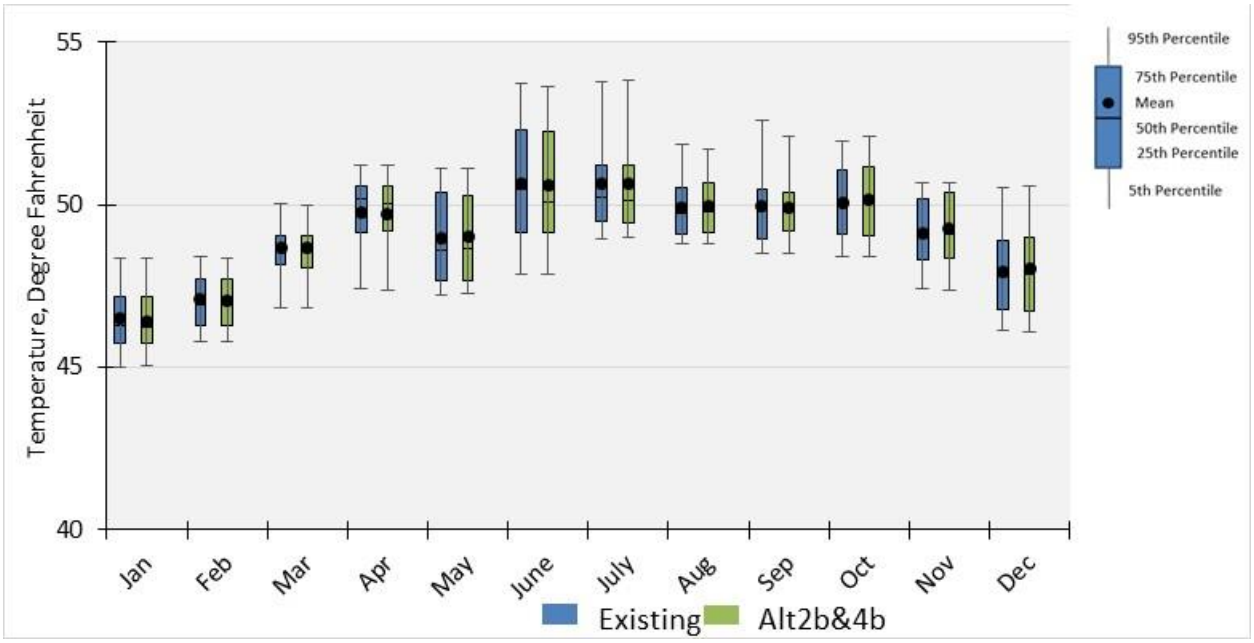


Figure 5A-D1.7.28. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



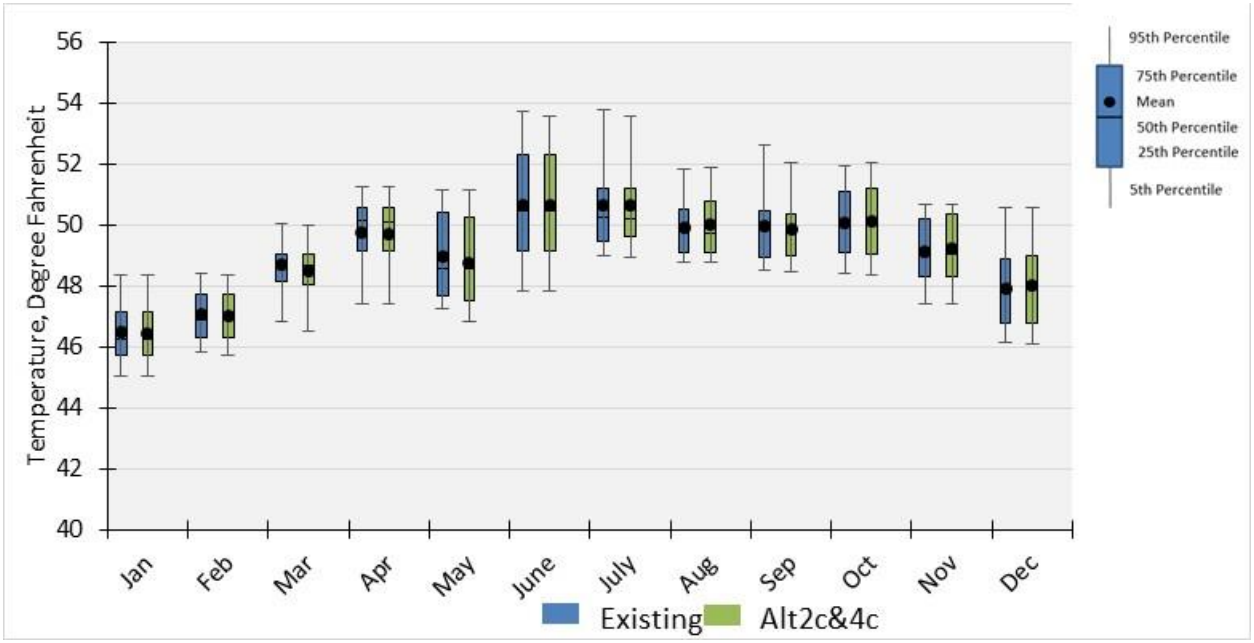
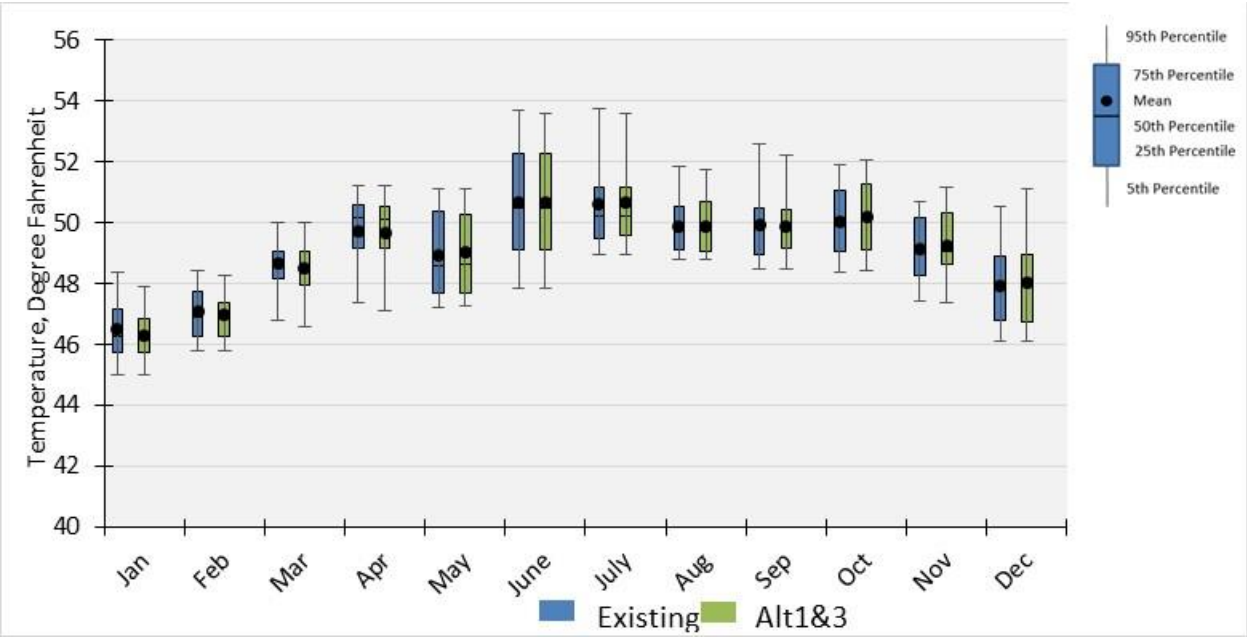


Figure 5A-D1.7.29. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



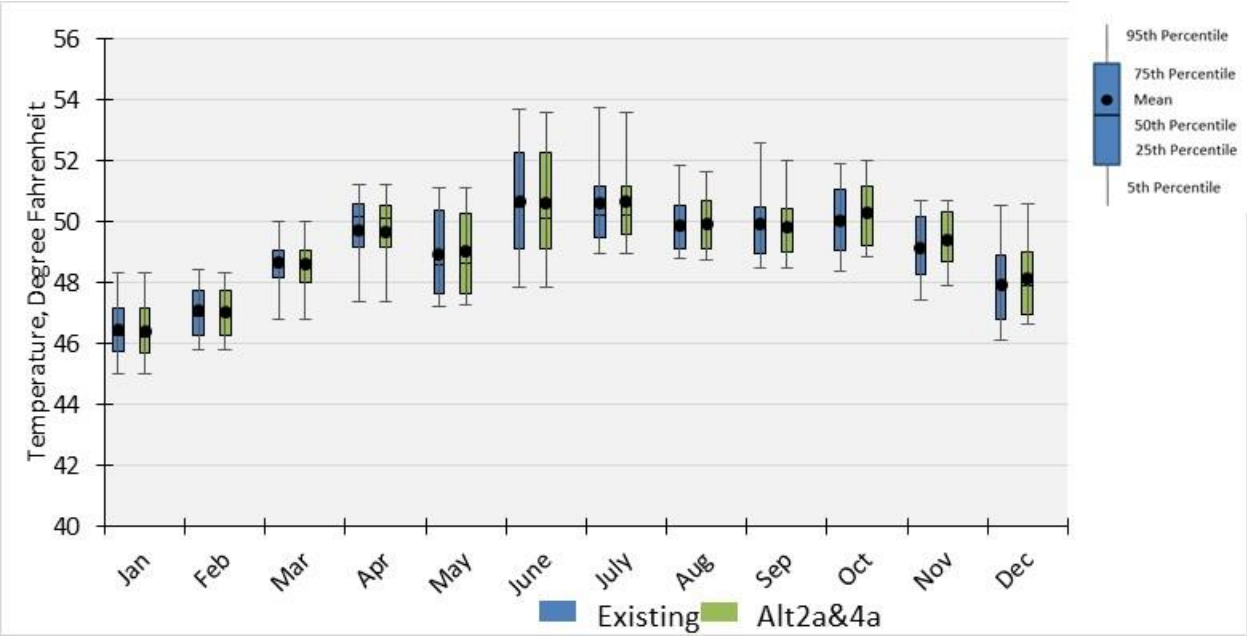


Figure 5A-D1.7.30. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

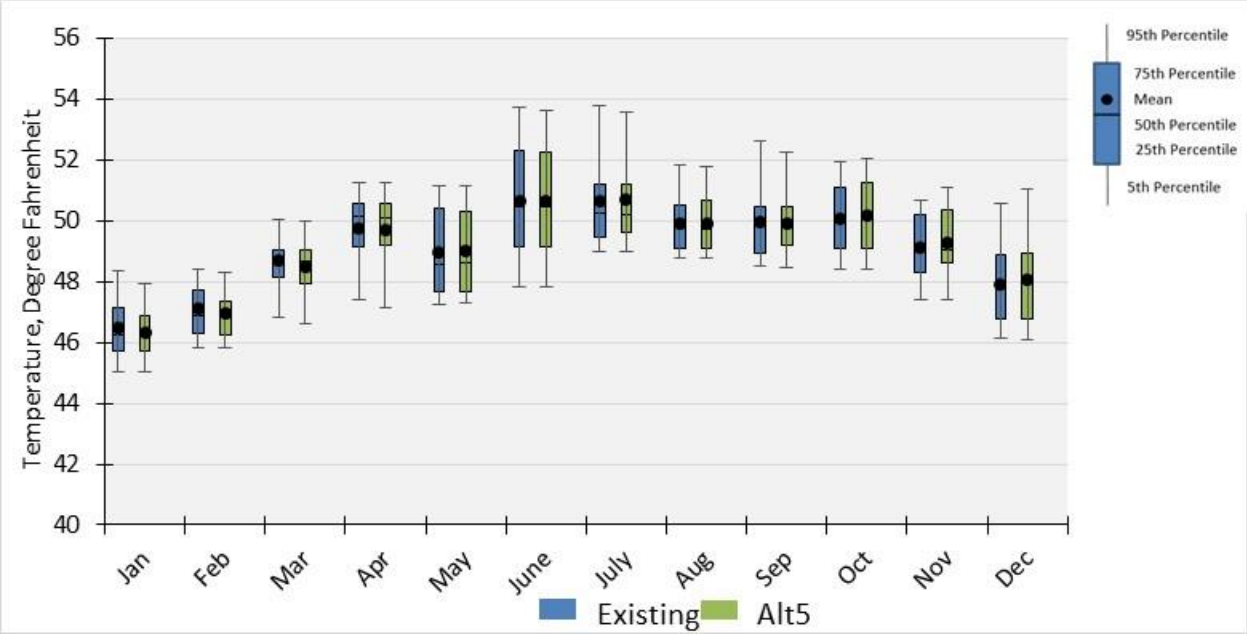
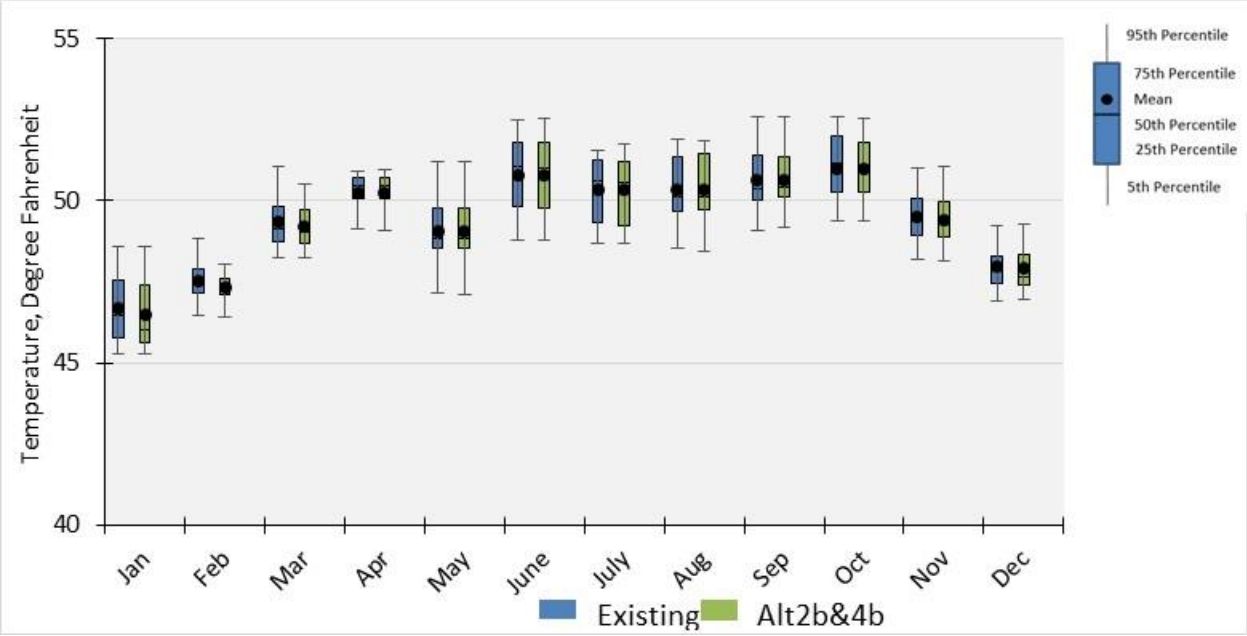


Figure 5A-D1.7.31. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



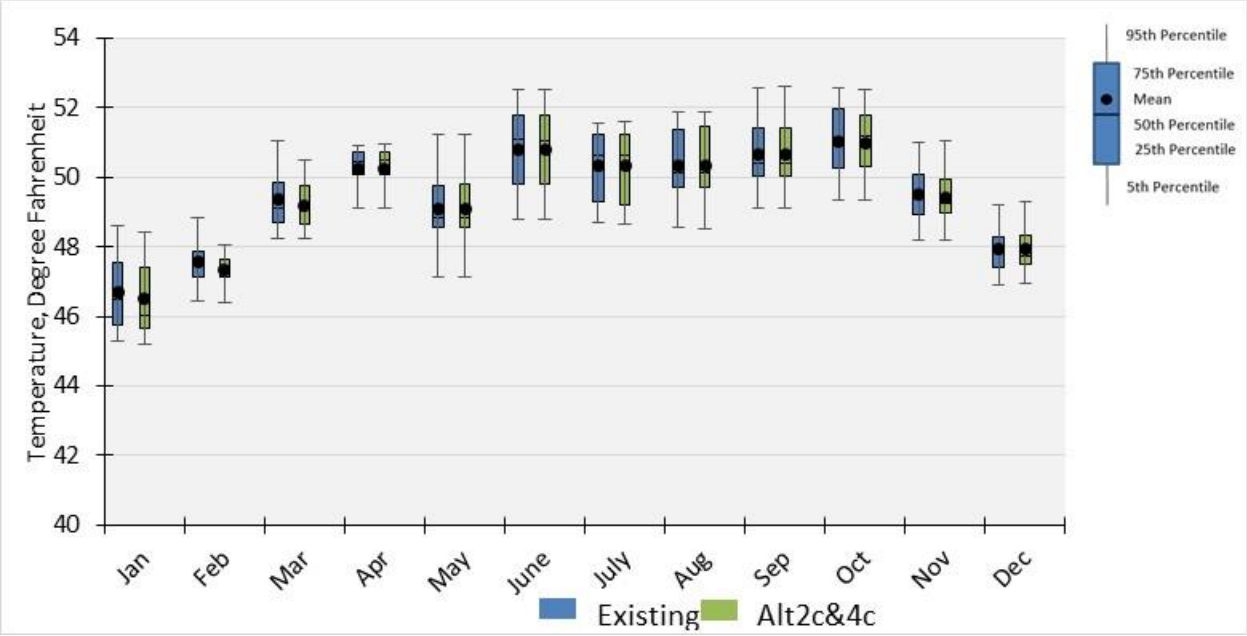
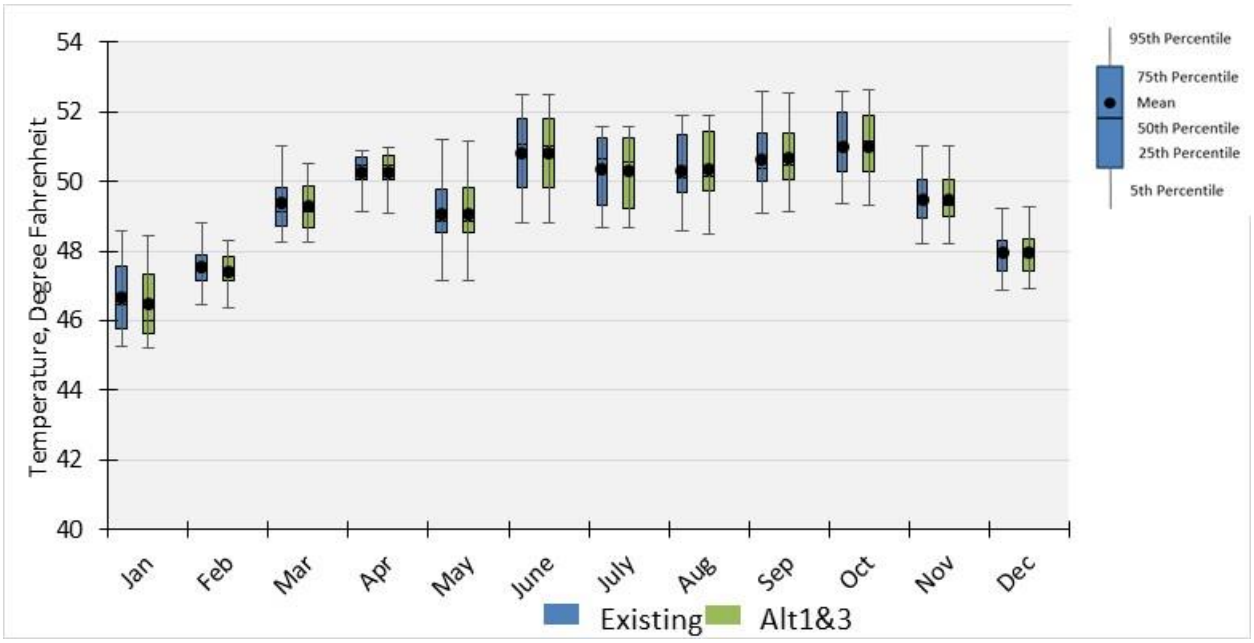


Figure 5A-D1.7.32. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



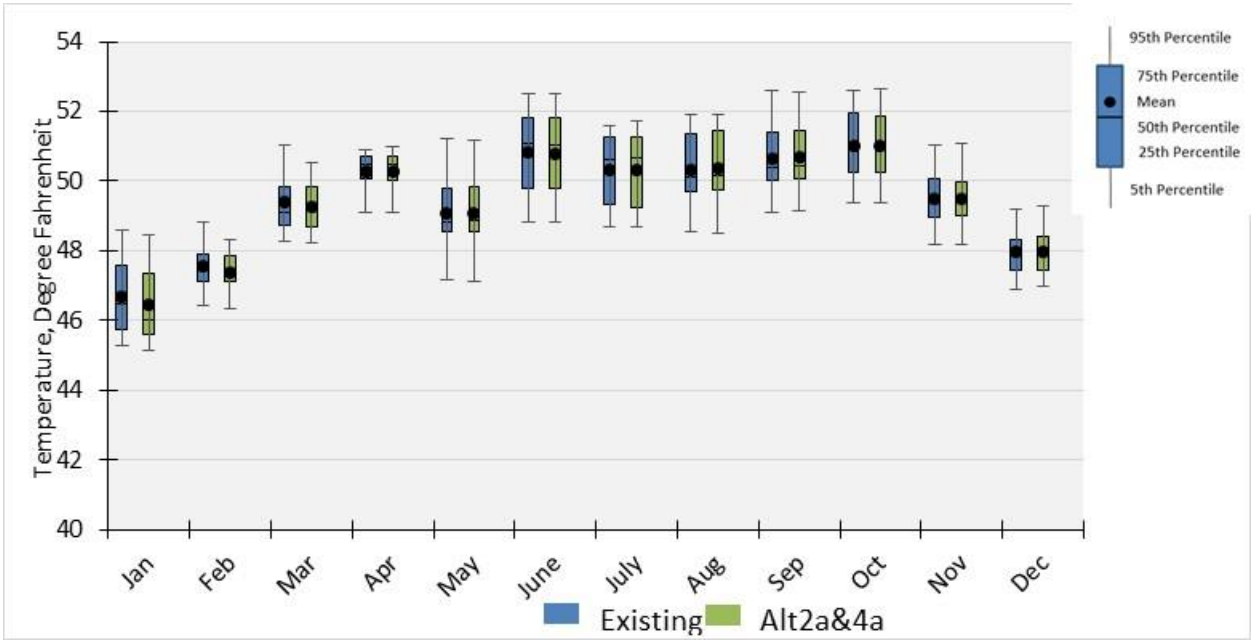


Figure 5A-D1.7.33. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

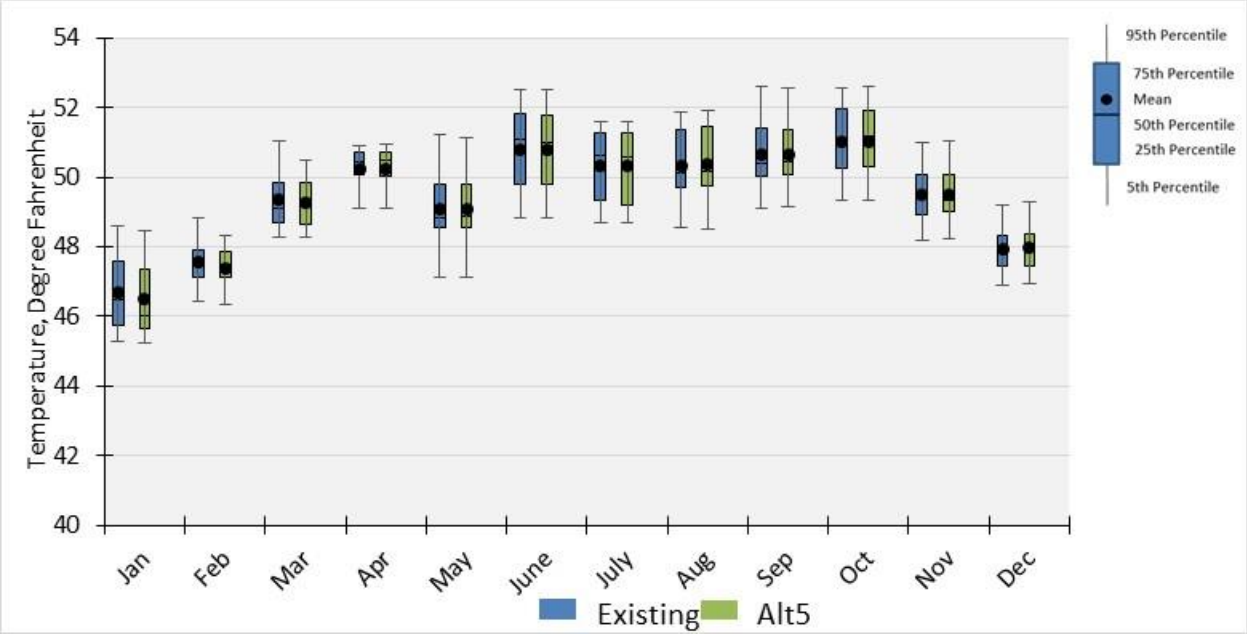
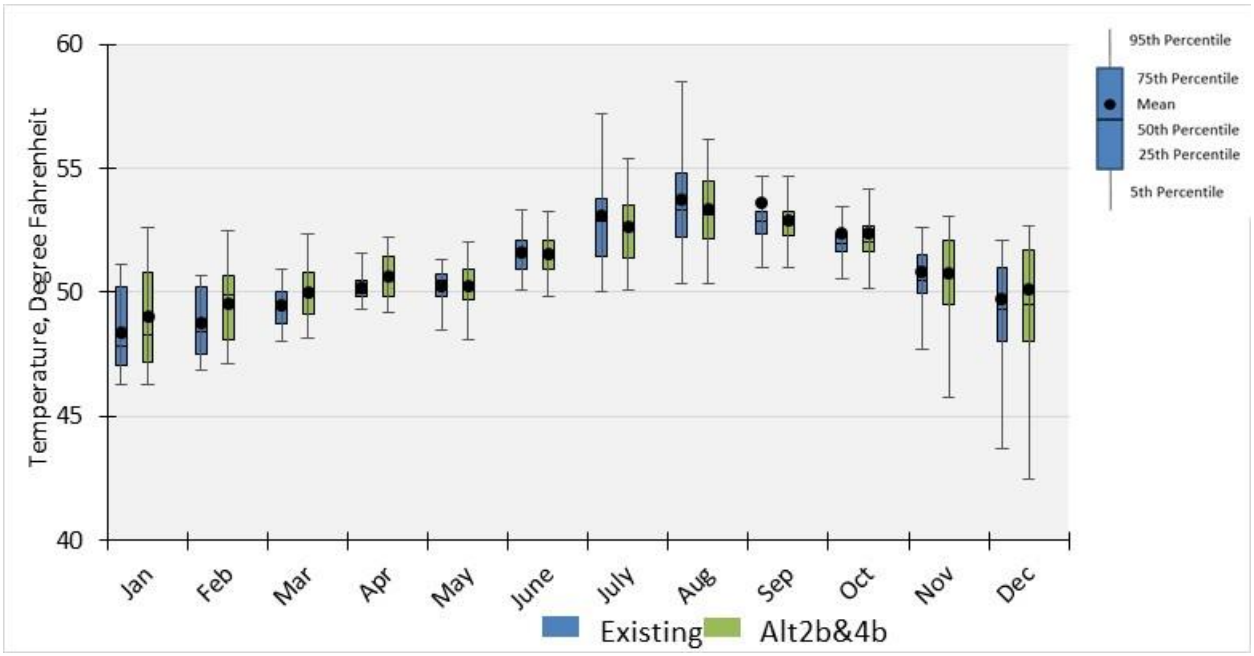


Figure 5A-D1.7.34. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



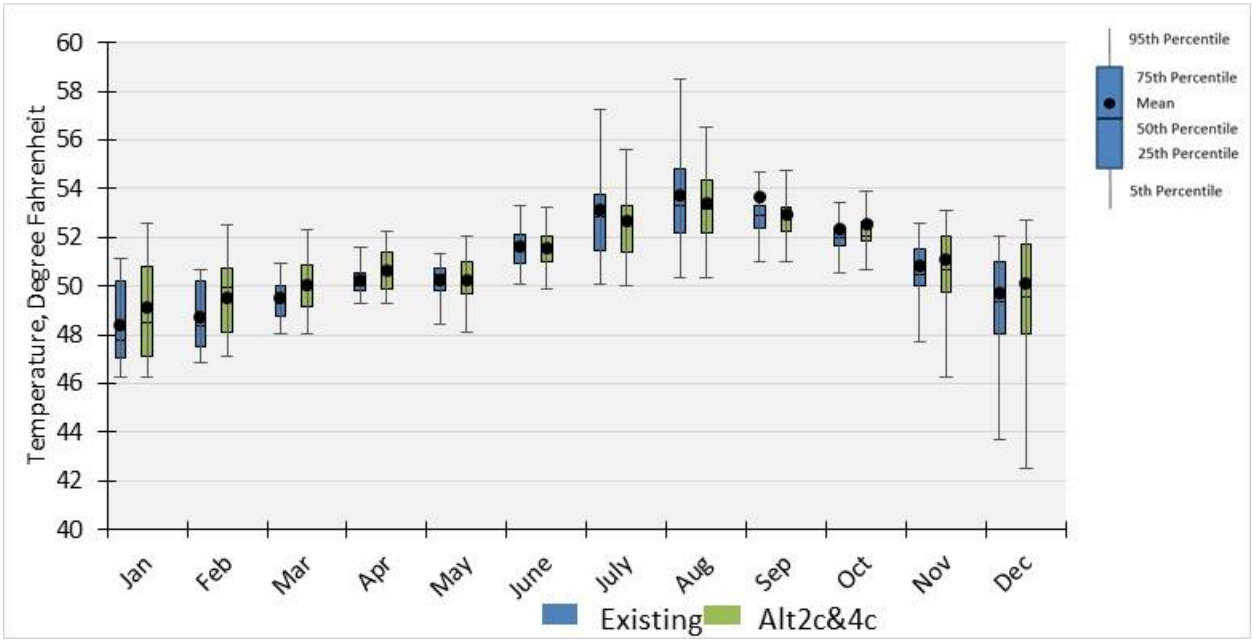
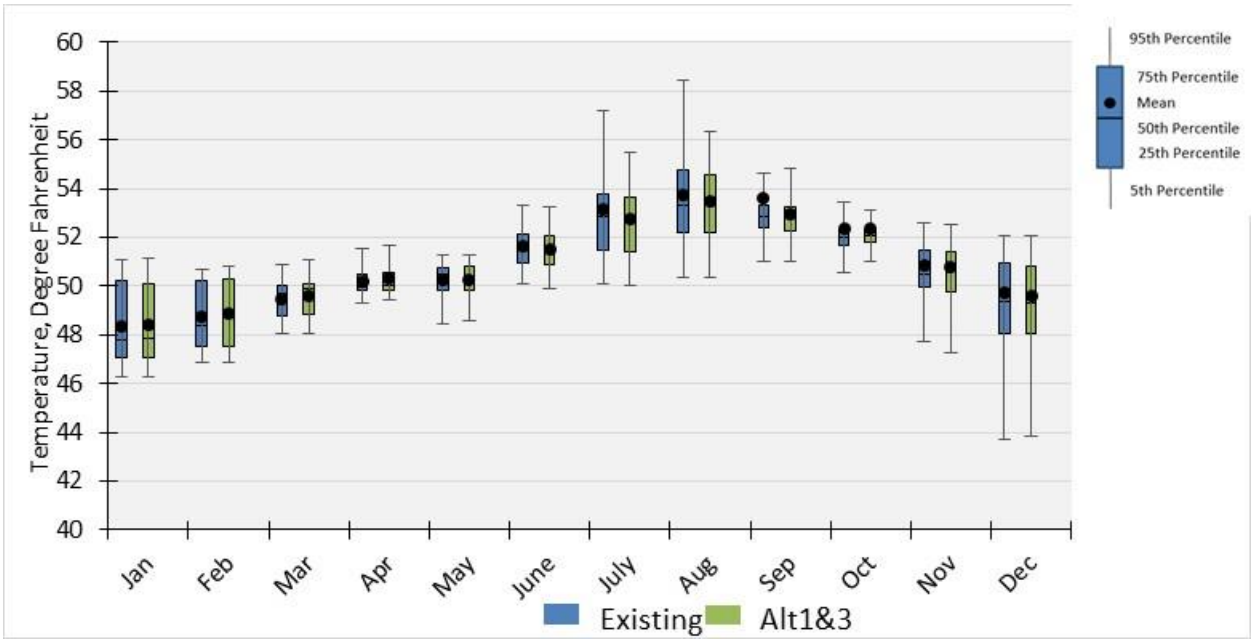


Figure 5A-D1.7.35. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



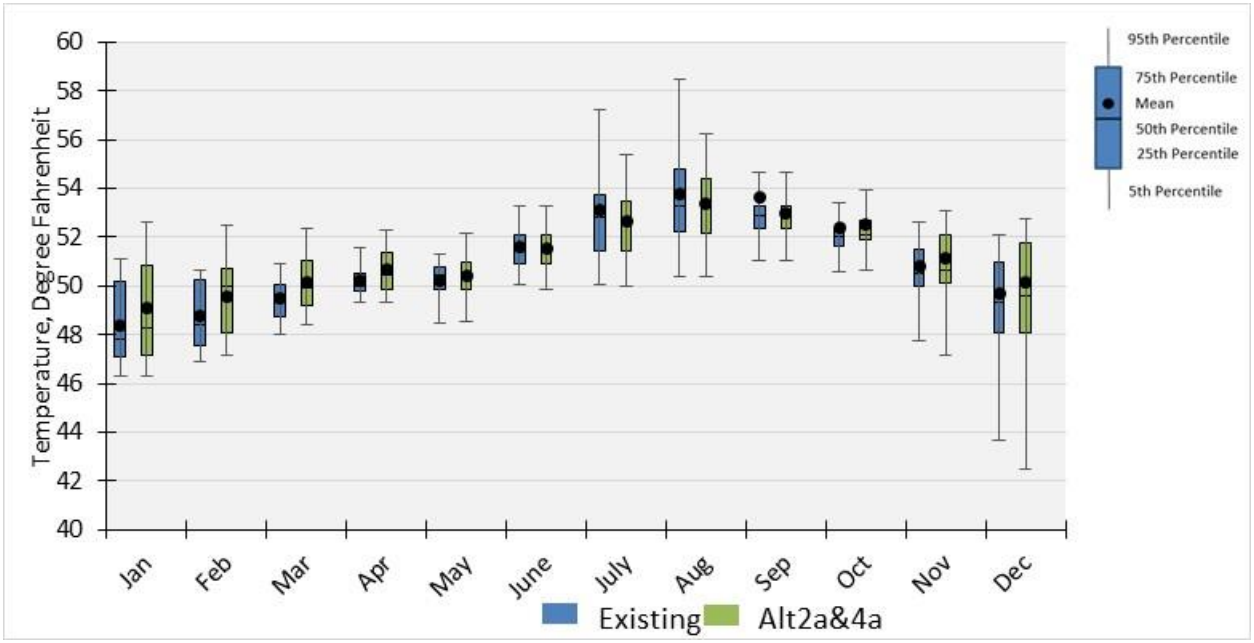


Figure 5A-D1.7.36. Clear Creek at Clear Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

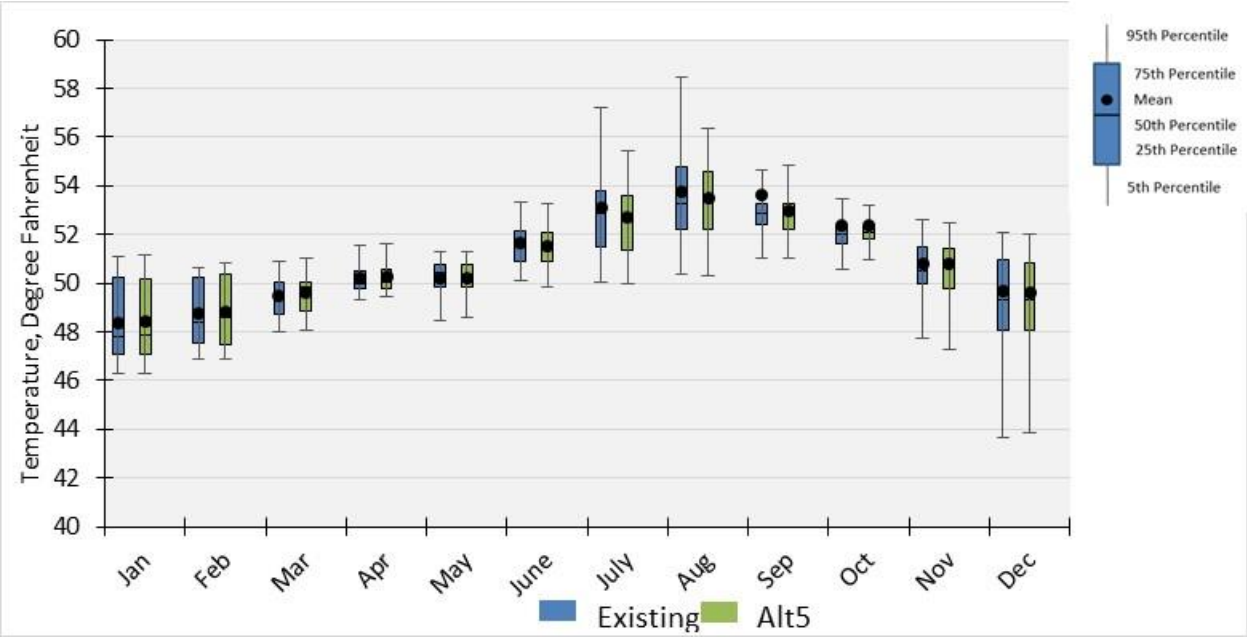
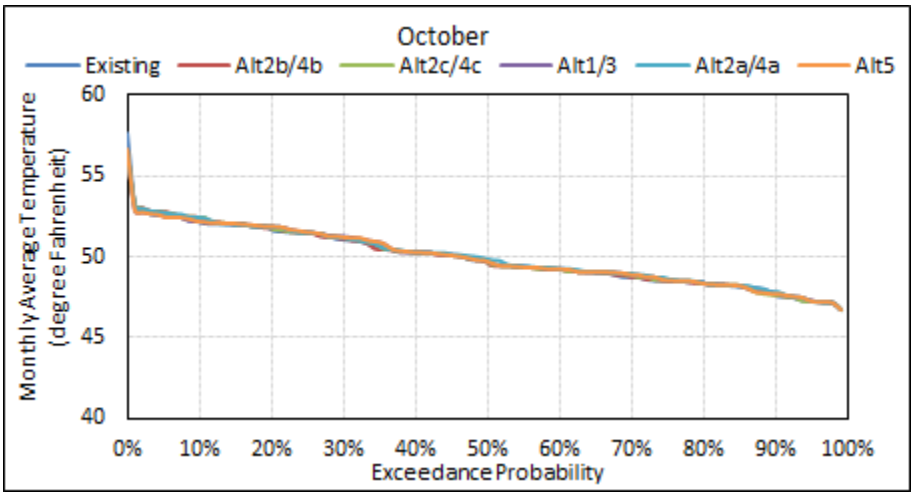
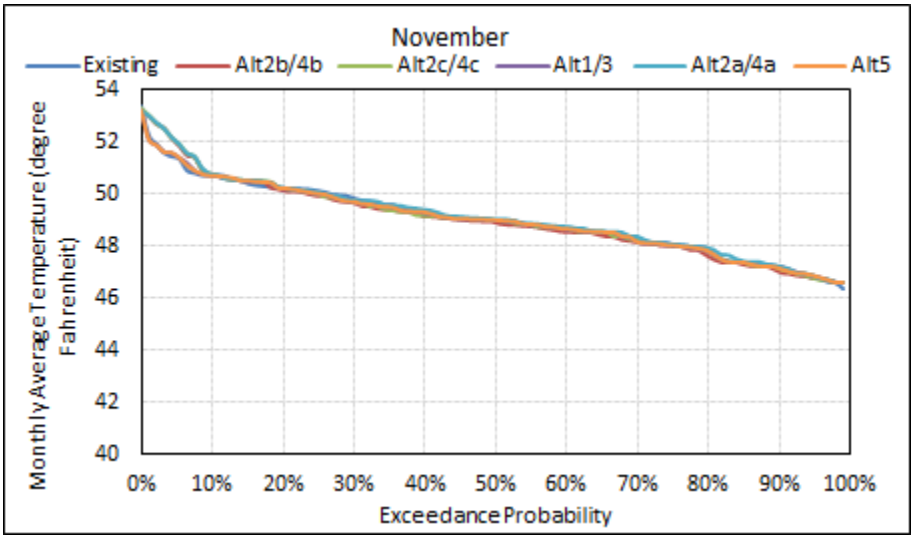


Figure 5A-D1.7.37-A. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





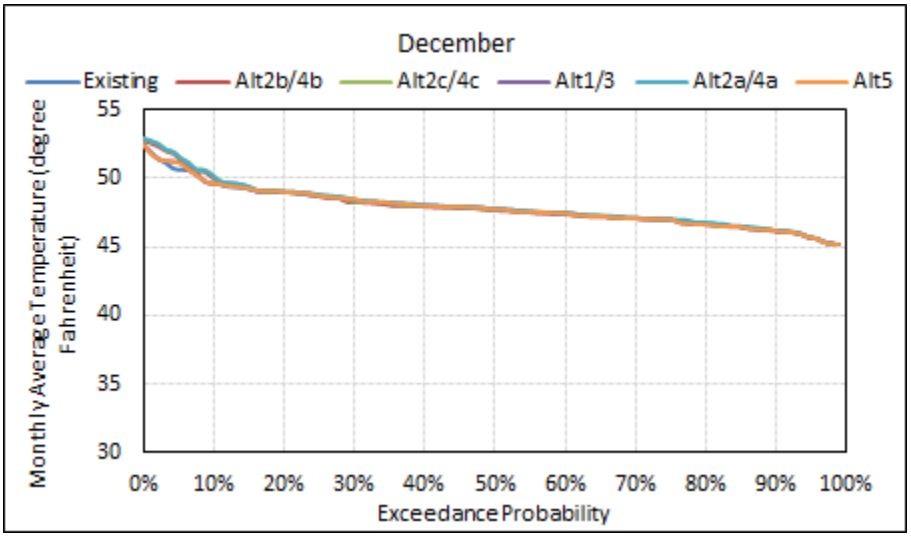
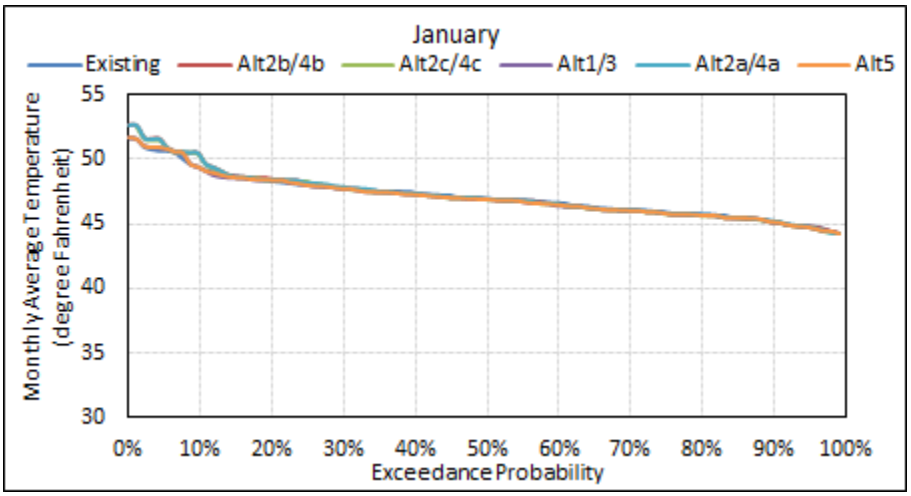
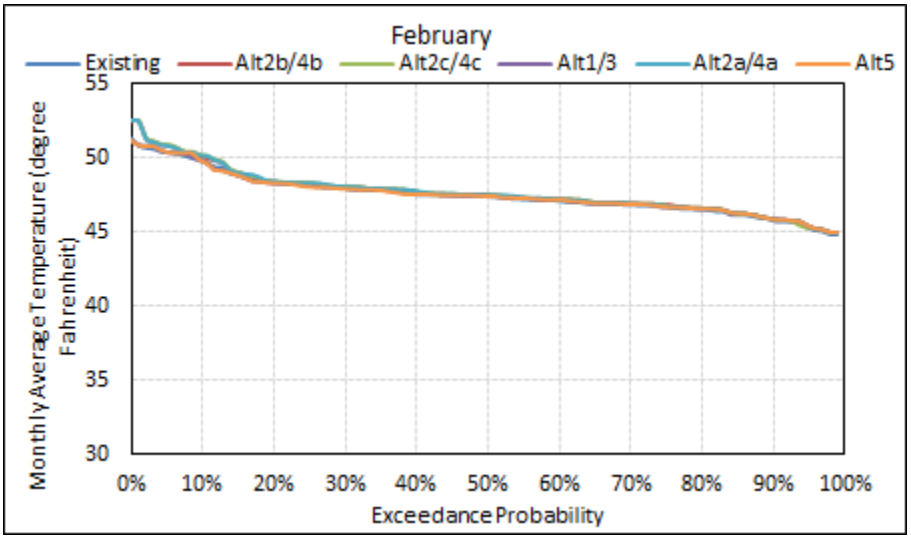


Figure 5A-D1.7.37-B. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





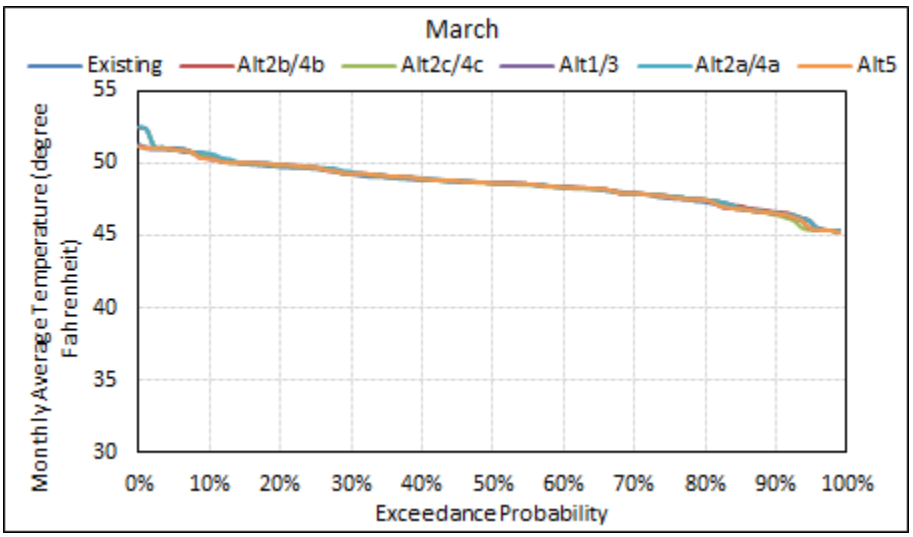
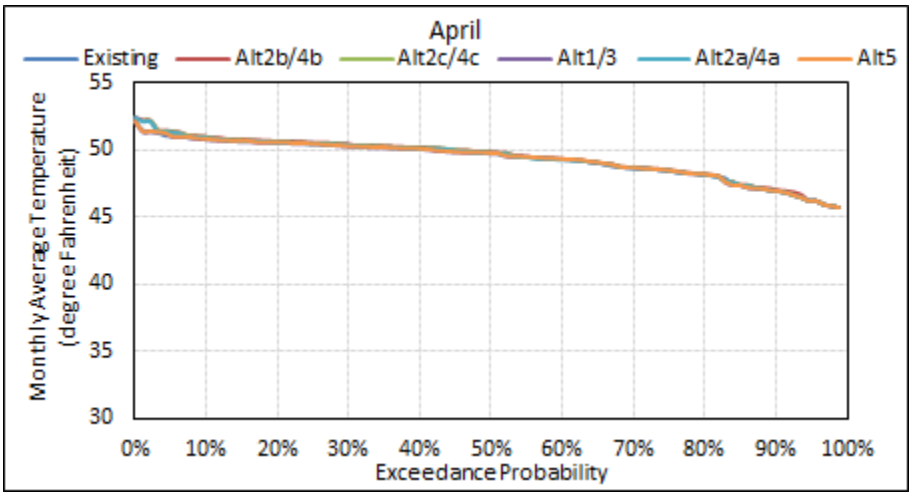
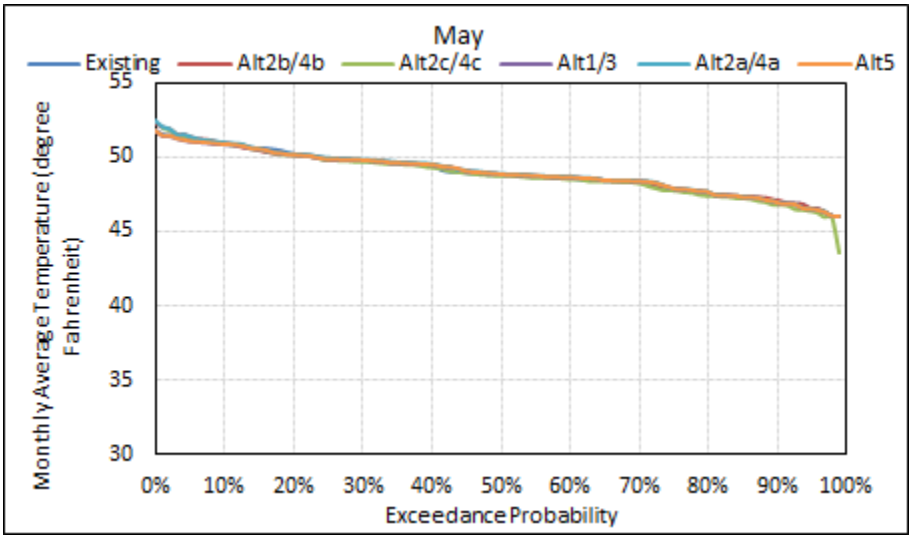


Figure 5A-D1.7.37-C. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





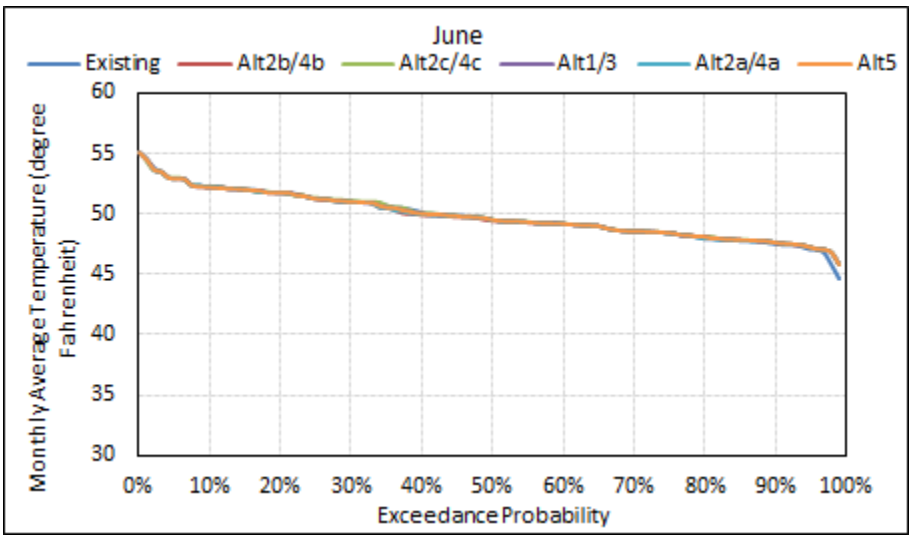
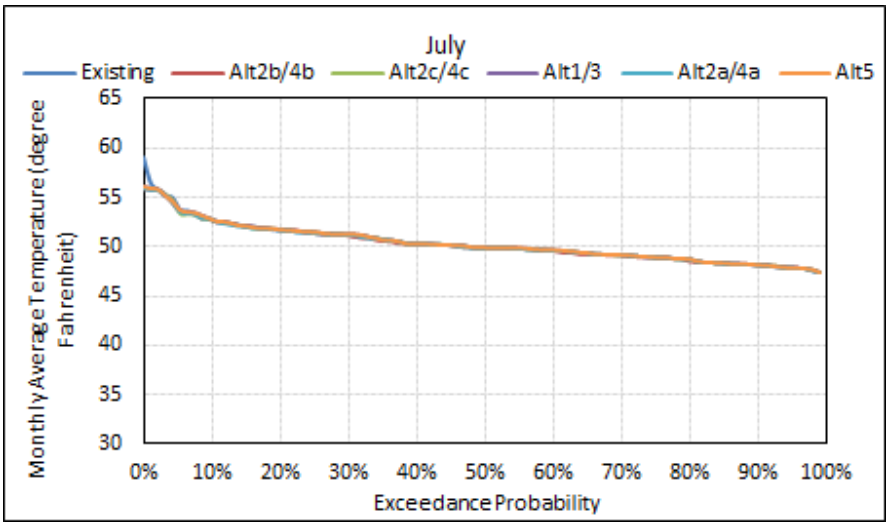
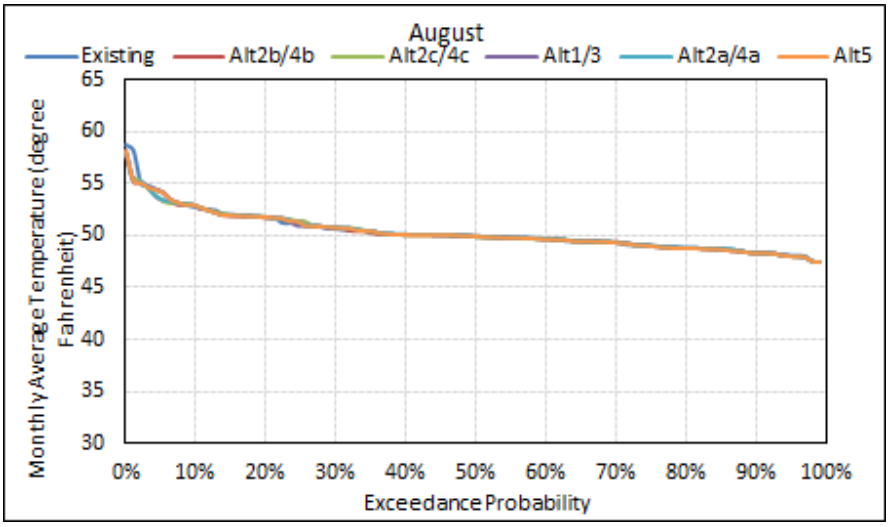


Figure 5A-D1.7.37-D. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





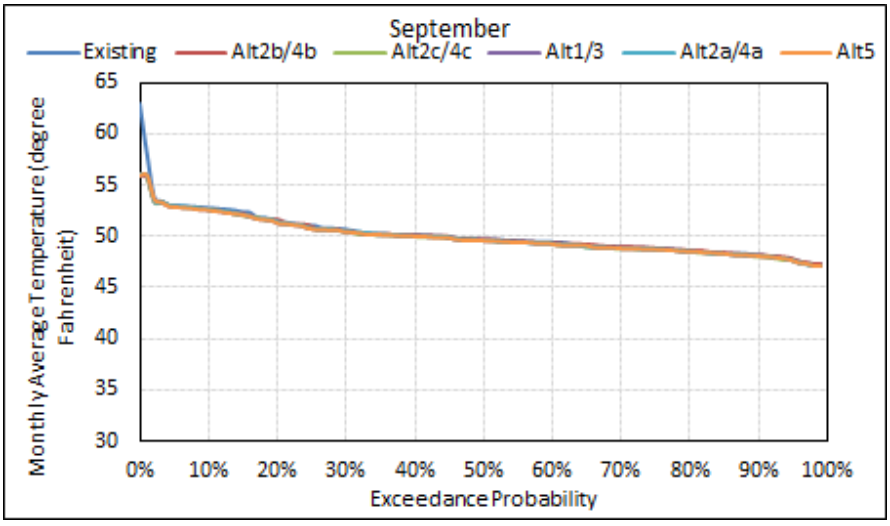


Figure 5A-D1.7.38. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

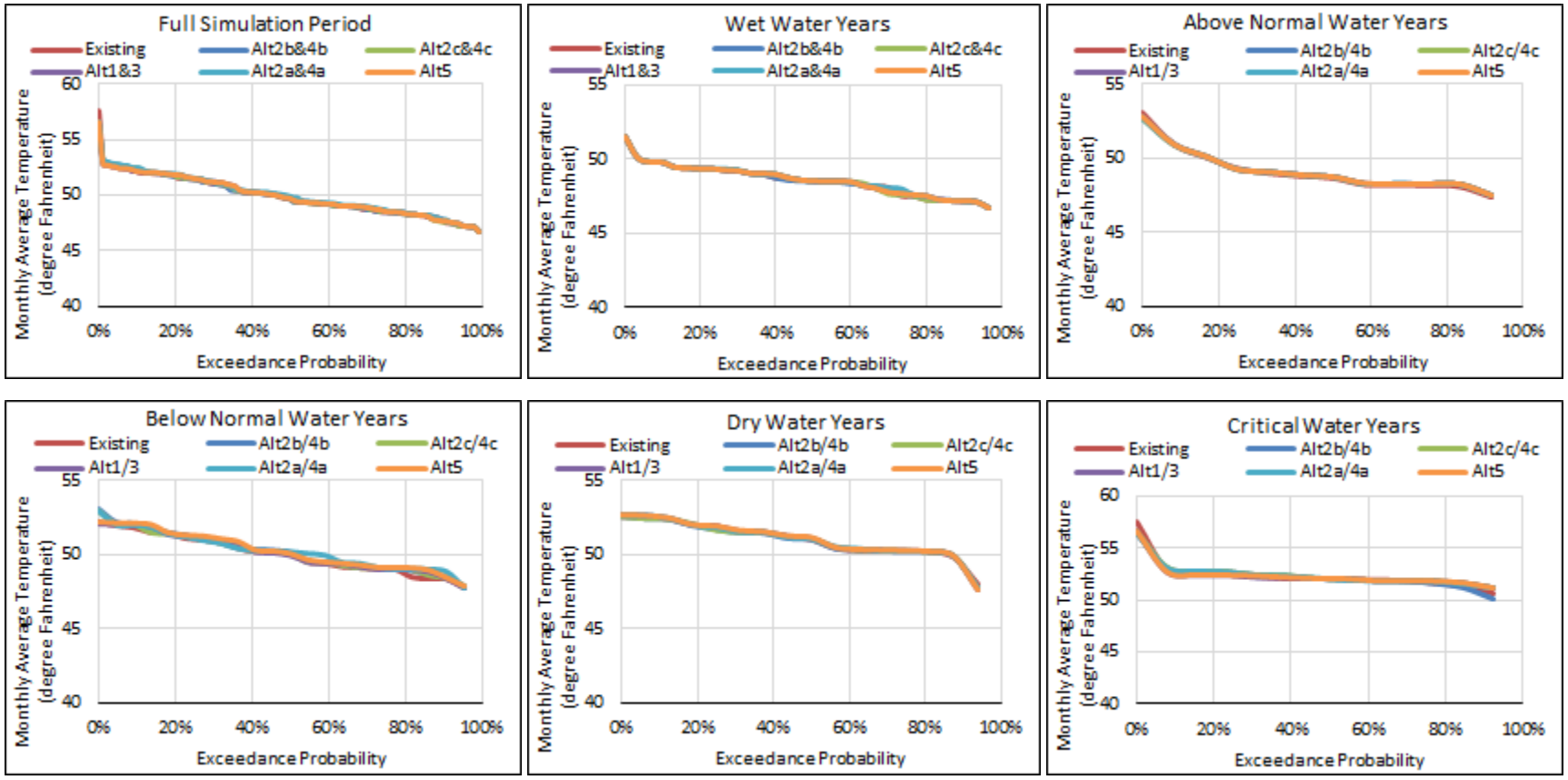


Figure 5A-D1.7.39. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

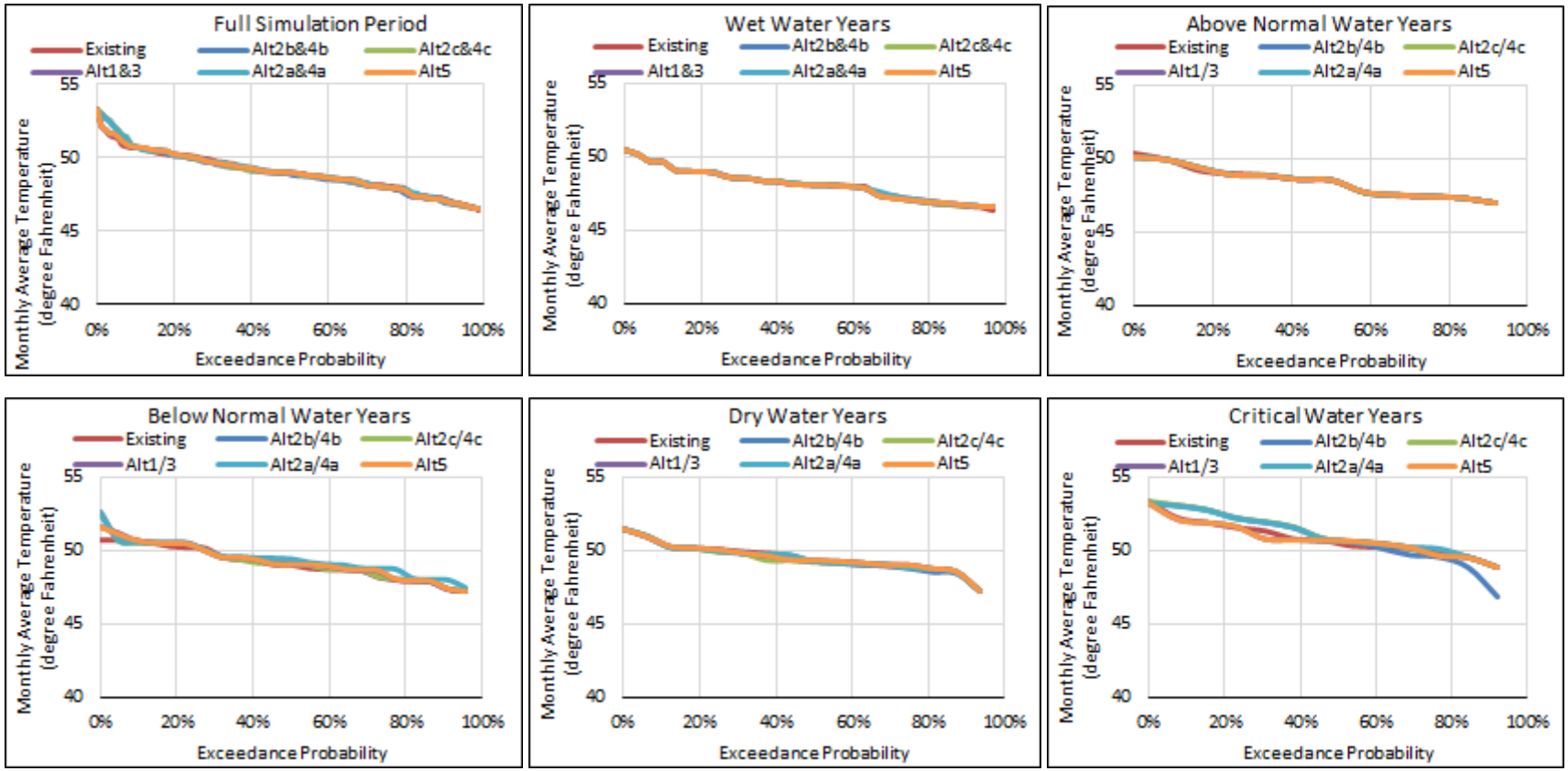


Figure 5A-D1.7.40. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

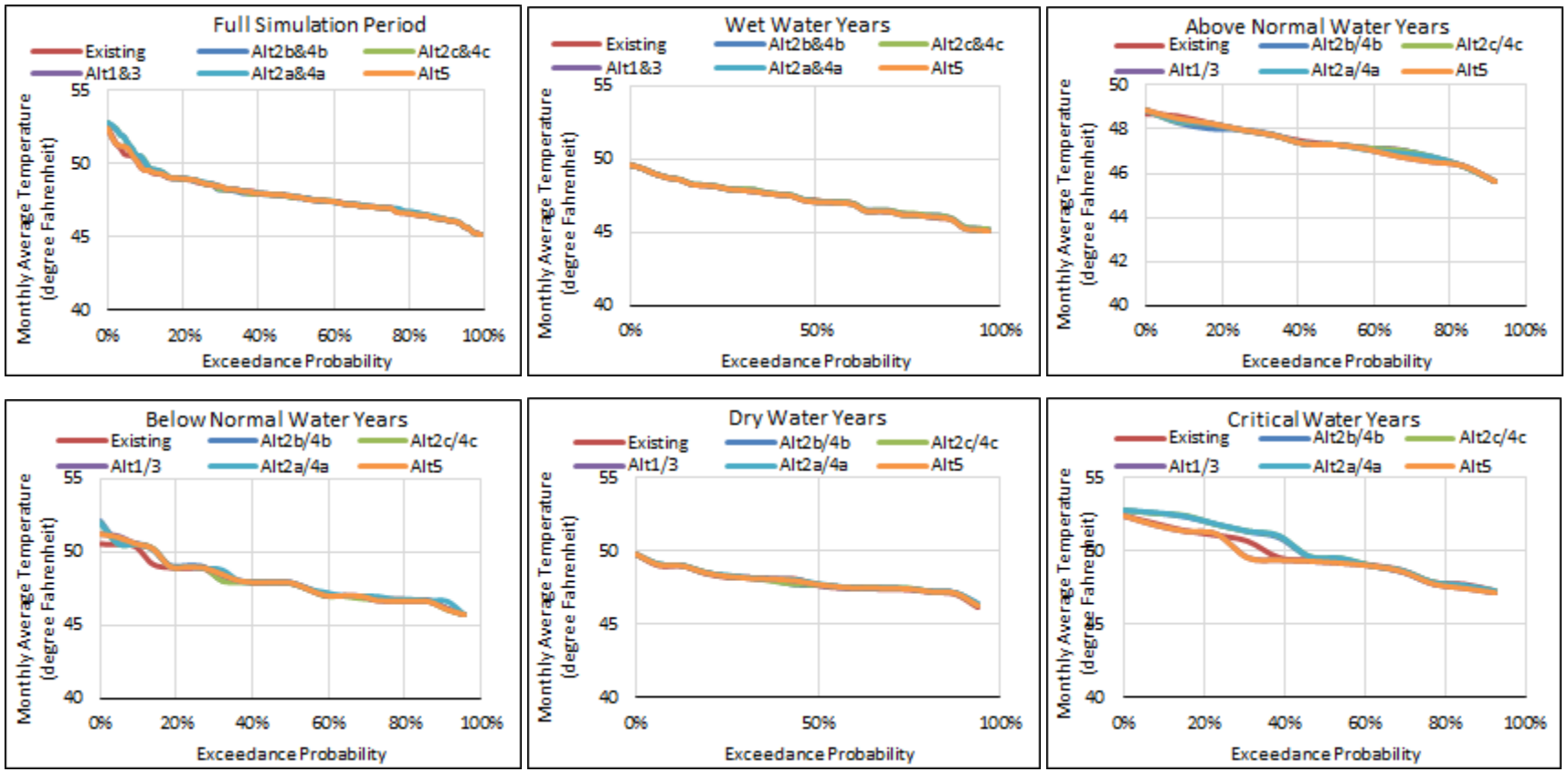


Figure 5A-D1.7.41. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

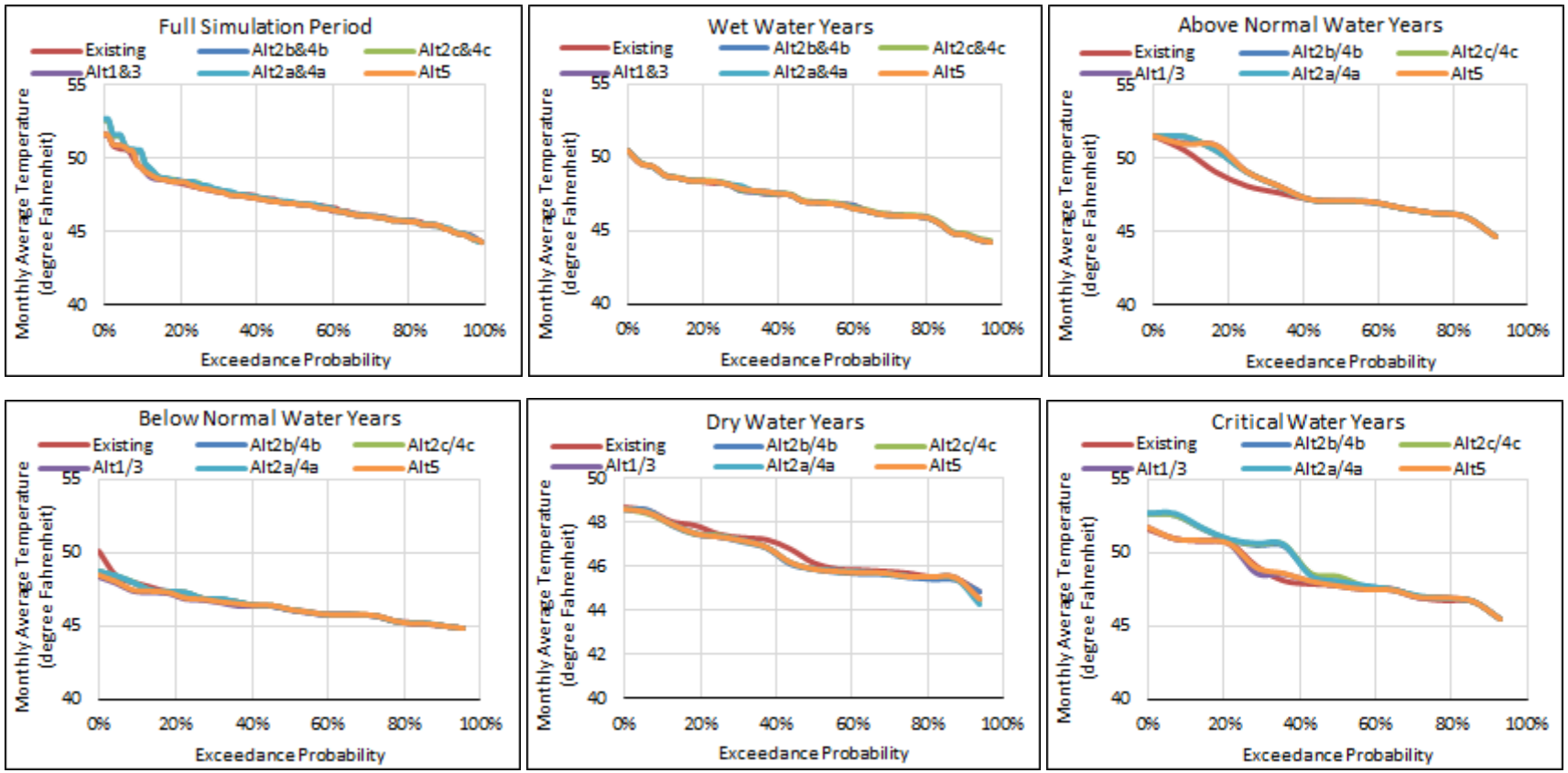


Figure 5A-D1.7.42. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

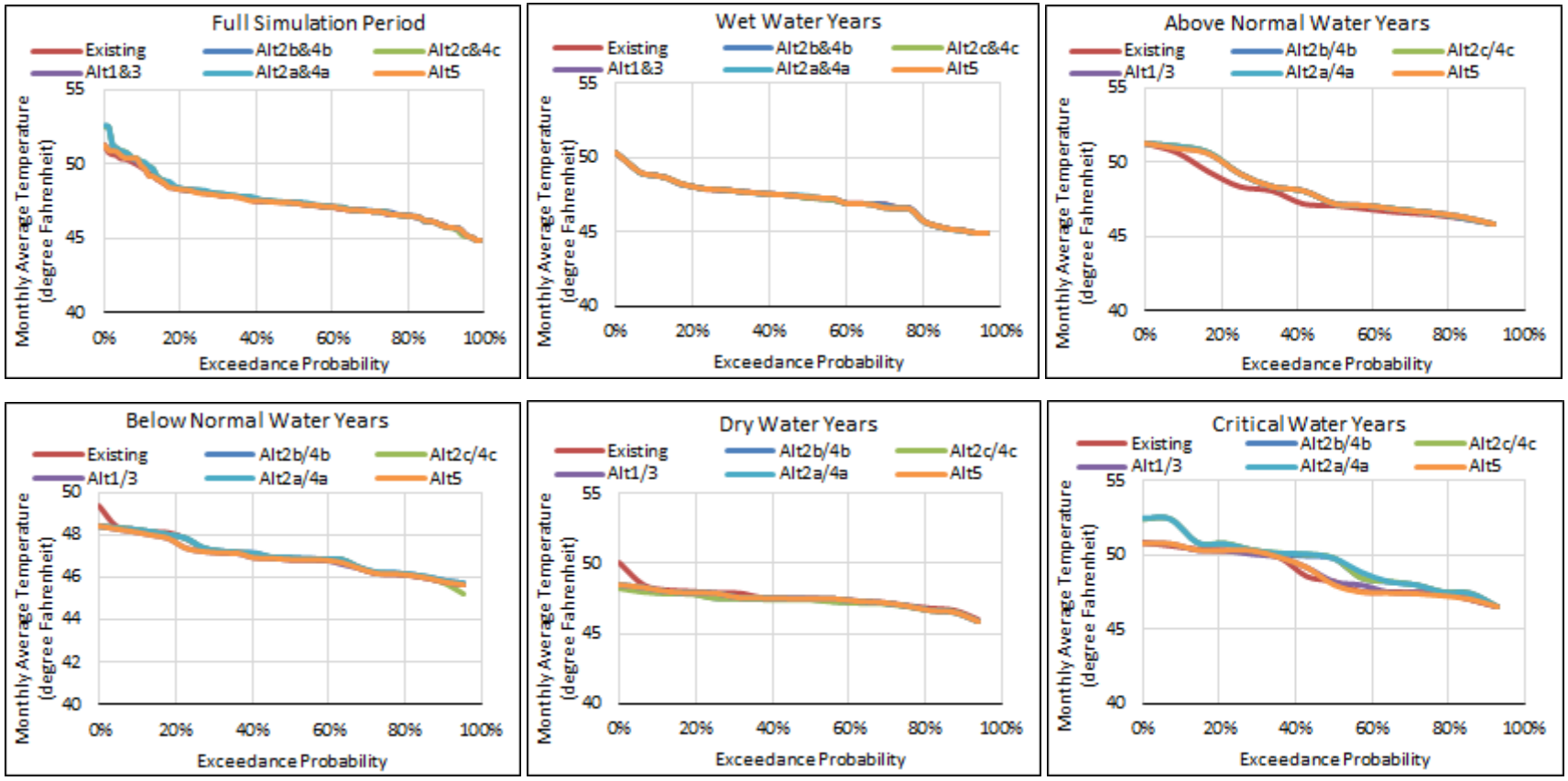


Figure 5A-D1.7.43. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

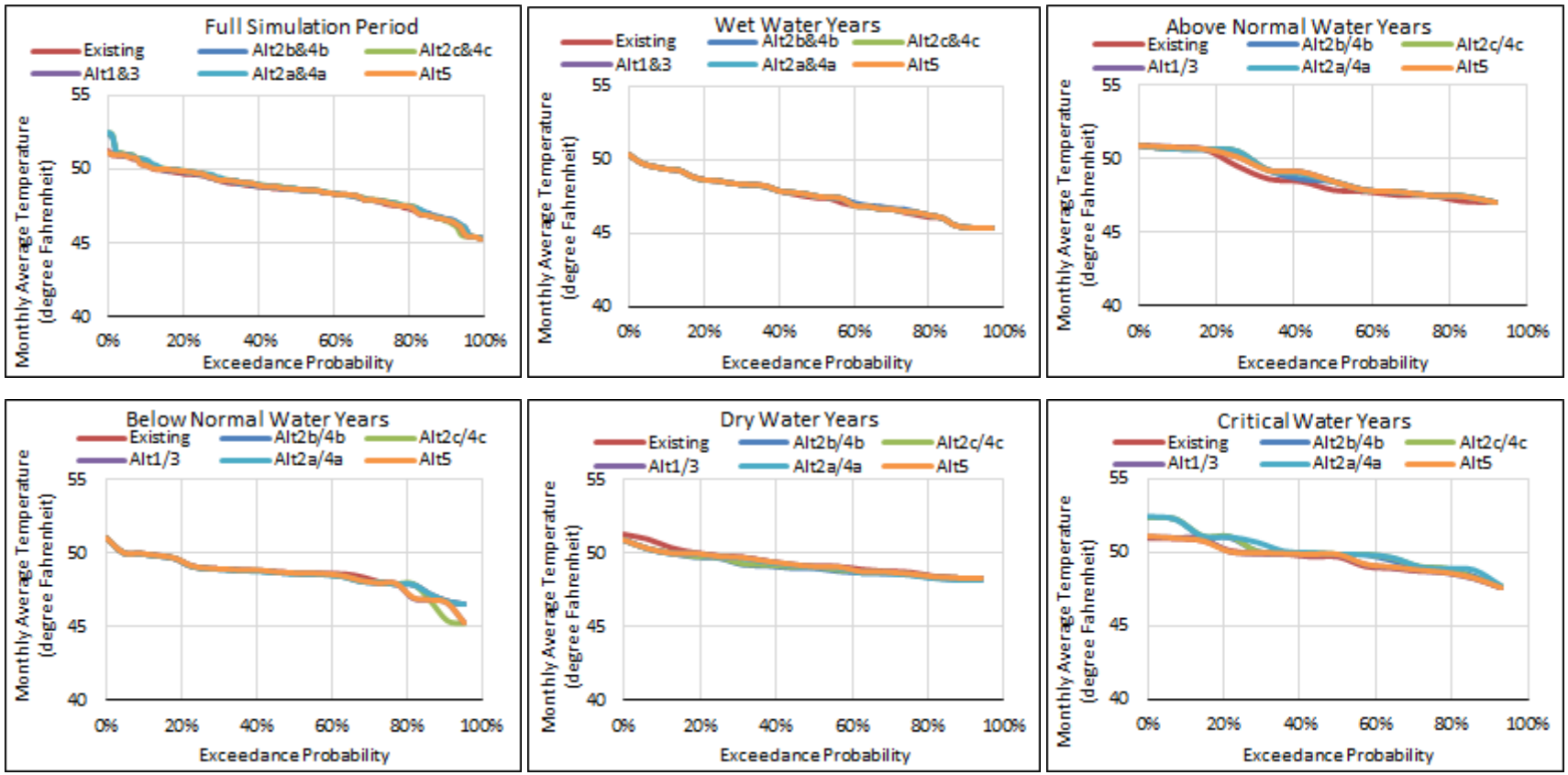


Figure 5A-D1.7.44. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

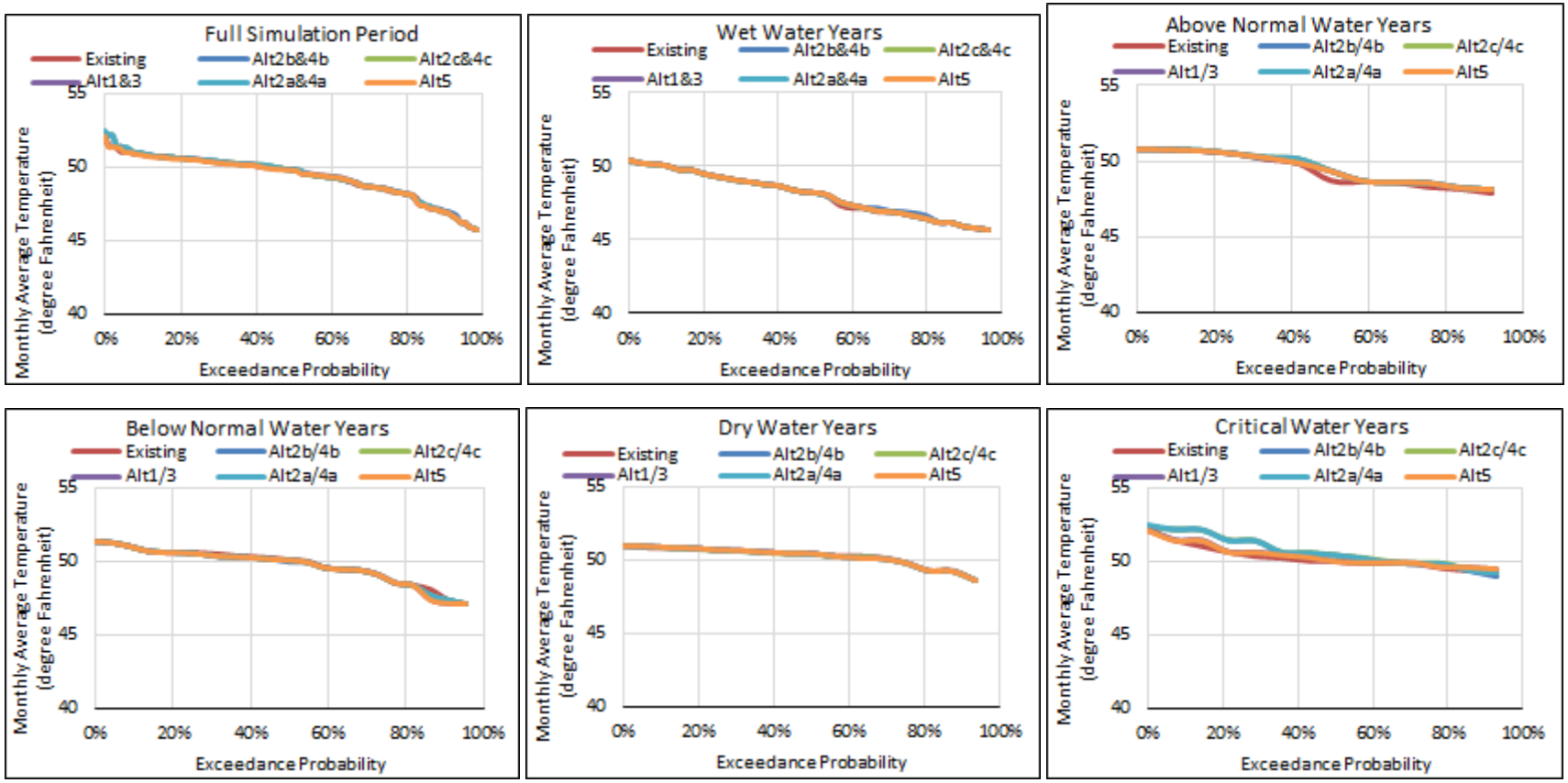


Figure 5A-D1.7.45. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

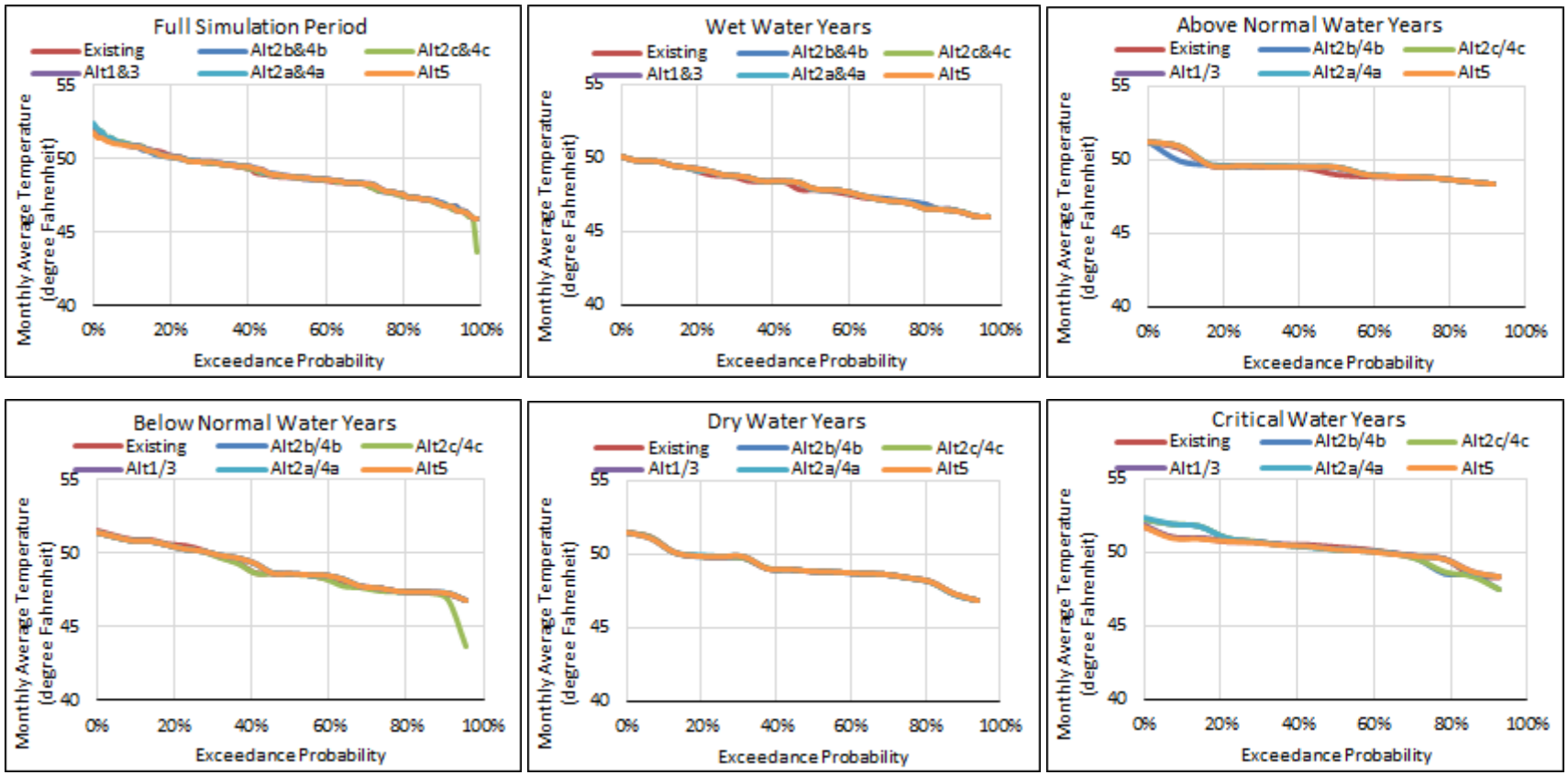


Figure 5A-D1.7.46. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

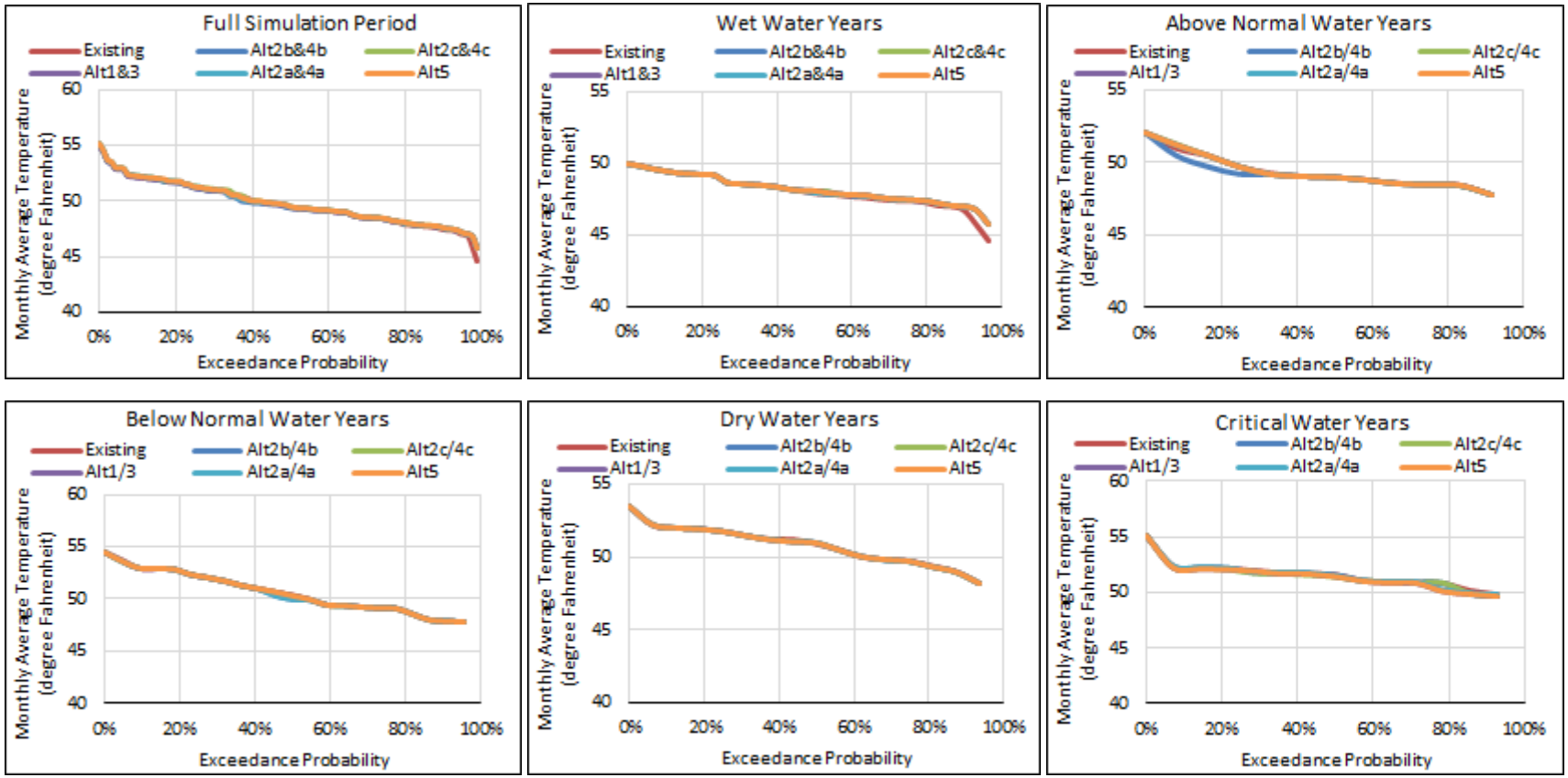


Figure 5A-D1.7.47. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

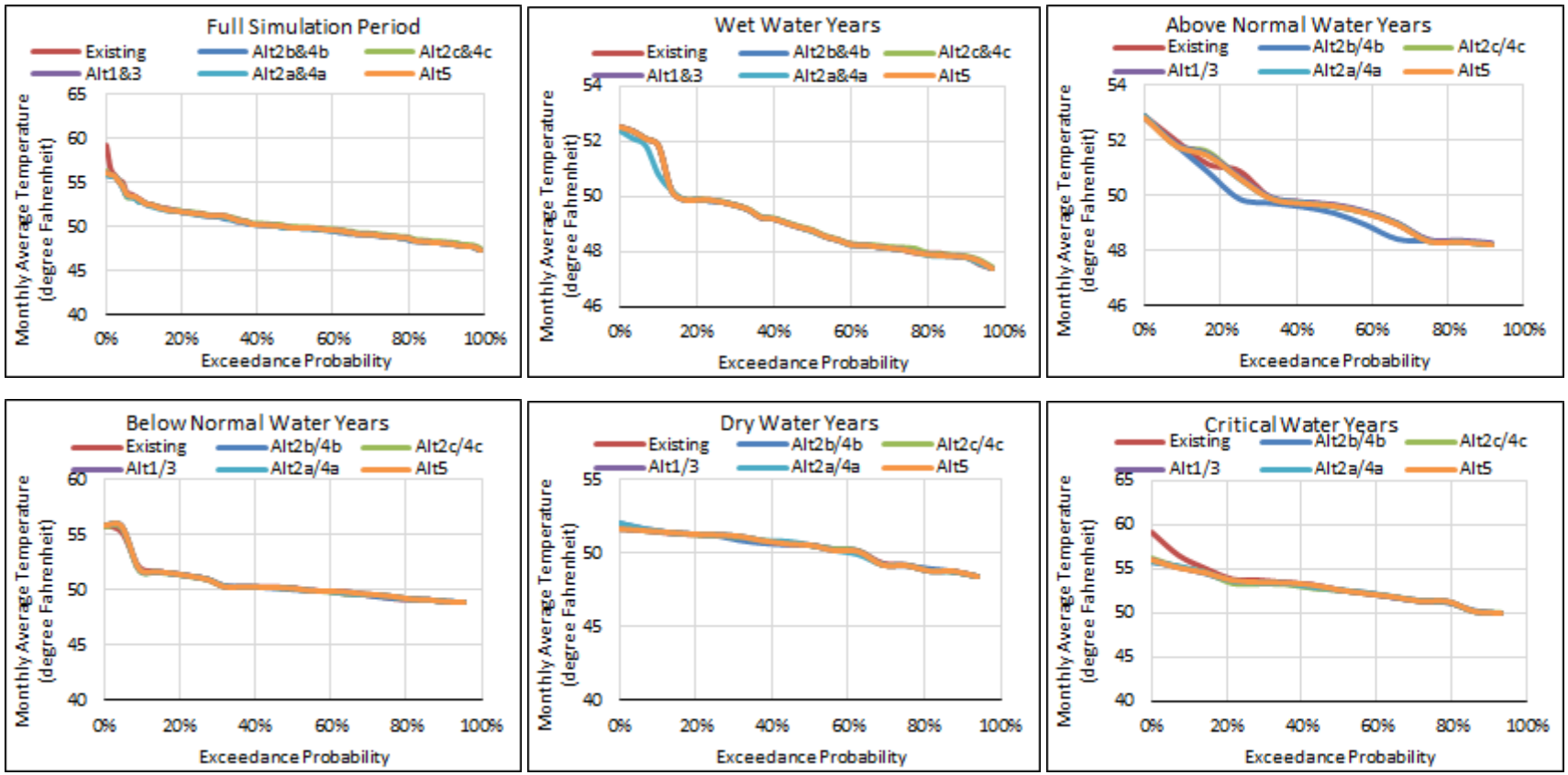


Figure 5A-D1.7.48. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

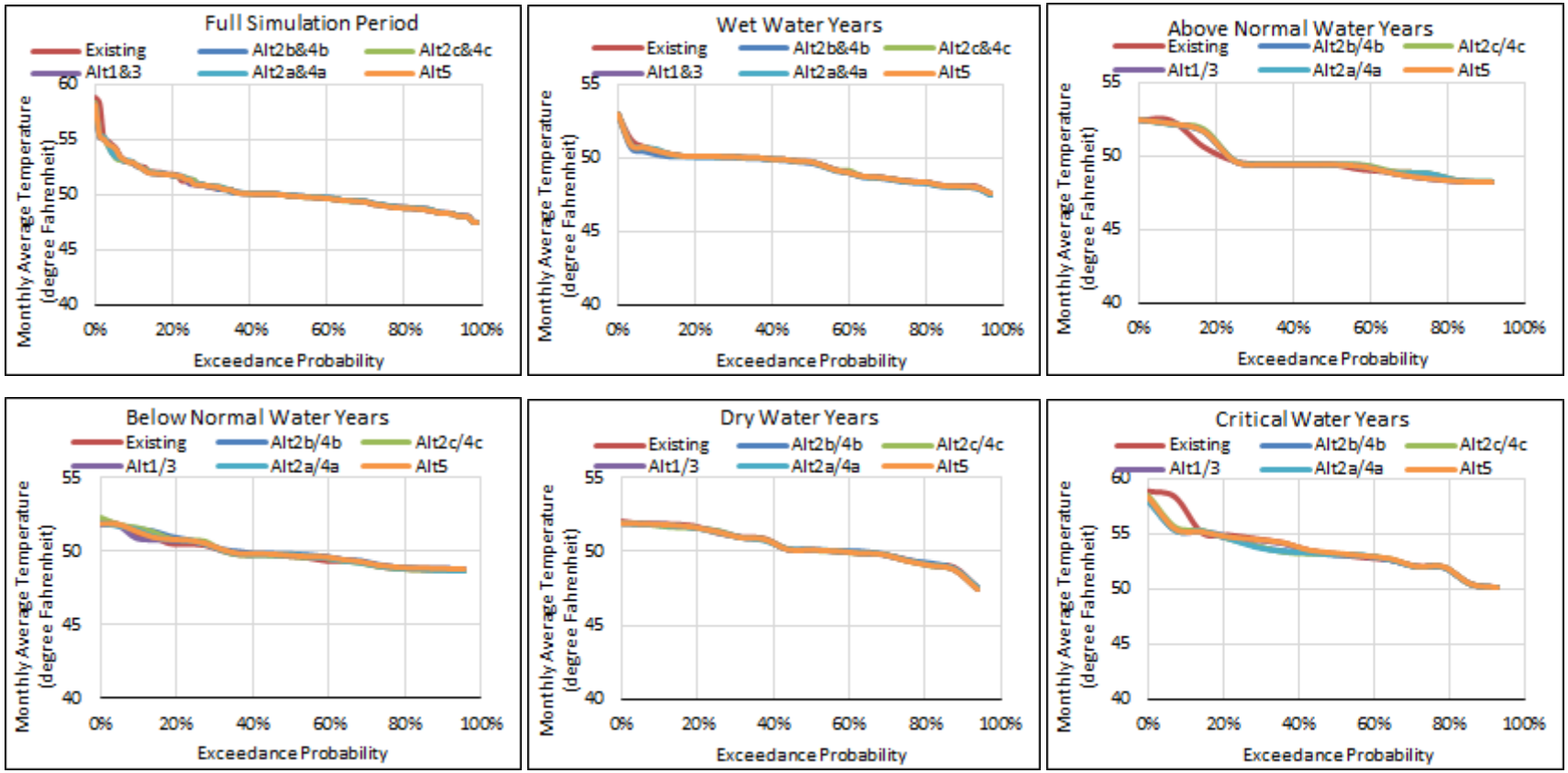
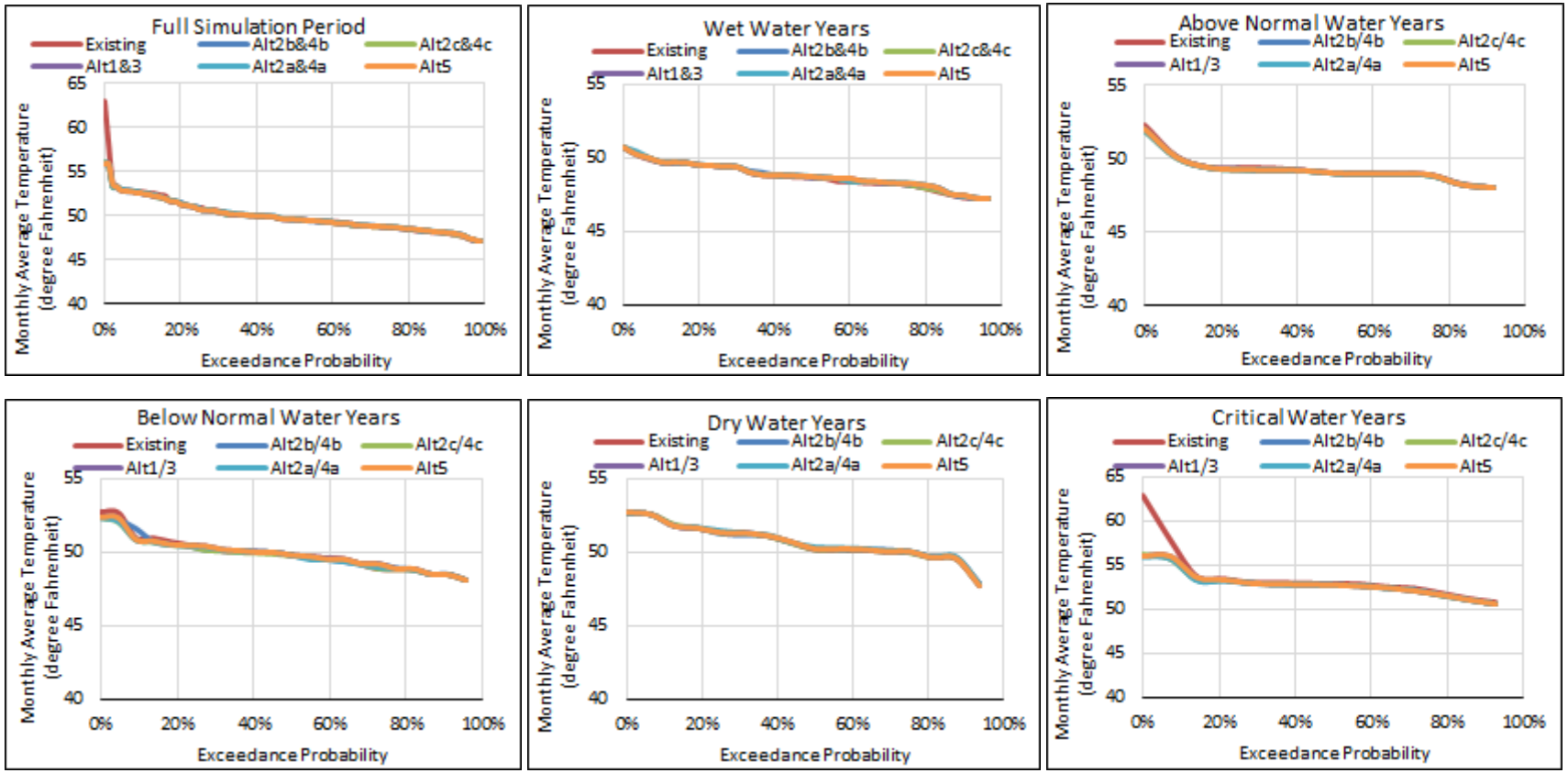


Figure 5A-D1.7.49. Clear Creek at Clear Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.8 Clear Creek at Igo

Table 5A-D1.8.1-A. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.0	51.4	47.9	45.7	46.0	47.4	49.2	50.5	50.9	53.2	53.8	53.9
20%	52.4	51.0	47.6	45.2	45.6	47.1	48.7	50.2	50.5	52.9	53.2	52.8
30%	51.8	50.5	47.0	45.0	45.2	46.8	48.5	49.9	50.3	52.7	52.6	52.3
40%	50.9	49.9	46.7	44.6	44.9	46.4	48.2	49.7	49.9	52.4	52.3	51.7
50%	50.6	49.4	46.5	44.4	44.7	46.3	47.9	49.3	49.7	52.2	52.0	51.5
60%	50.3	49.2	46.2	44.2	44.4	46.1	47.7	49.1	49.4	51.9	51.6	51.2
70%	49.8	49.1	45.9	44.1	44.1	45.9	47.4	48.9	49.1	51.4	51.4	50.9
80%	49.5	48.6	45.6	43.8	43.6	45.6	47.2	48.7	48.8	51.1	51.1	50.6
90%	49.1	47.9	45.2	43.3	43.5	45.1	46.9	48.1	48.4	50.8	50.8	50.1

Table 5A-D1.8.1-B. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.9	49.7	46.6	44.5	44.8	46.3	48.0	49.4	49.7	52.2	52.2	52.0
Wet Water Years	49.8	48.9	46.2	44.3	44.3	45.8	47.5	49.1	49.2	51.7	51.6	50.9
Above Normal Water Years	50.7	49.6	46.4	44.2	44.2	46.0	47.6	49.2	49.6	52.2	51.8	51.3
Below Normal Water Years	50.8	49.8	46.7	44.2	44.6	46.3	47.9	49.1	49.5	52.0	51.9	51.5
Dry Water Years	51.4	49.8	46.8	44.6	45.1	46.6	48.2	49.5	49.8	52.3	52.4	52.0
Critical Water Years	53.6	51.4	47.4	45.5	46.1	47.6	49.5	50.7	51.1	53.3	54.3	55.7

Table 5A-D1.8.1-C. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.3	51.3	48.0	45.7	46.1	47.4	49.2	50.5	50.9	53.3	53.7	53.8
20%	52.4	50.8	47.6	45.3	45.6	47.1	48.8	50.2	50.5	52.9	53.2	52.7
30%	51.6	50.5	47.0	45.1	45.2	46.8	48.5	49.9	50.3	52.6	52.6	52.2
40%	51.0	49.8	46.7	44.6	44.9	46.5	48.2	49.6	49.9	52.4	52.3	51.7
50%	50.6	49.5	46.5	44.4	44.7	46.3	47.9	49.3	49.7	52.2	52.0	51.5
60%	50.3	49.2	46.3	44.3	44.4	46.1	47.7	49.1	49.4	51.9	51.7	51.2
70%	49.8	49.1	45.9	44.0	44.1	45.9	47.4	48.9	49.1	51.5	51.5	50.9
80%	49.5	48.6	45.6	43.8	43.6	45.5	47.2	48.6	48.8	51.1	51.2	50.6
90%	49.2	47.9	45.2	43.3	43.5	45.1	46.8	48.1	48.4	50.8	50.8	50.1

Table 5A-D1.8.1-D. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.9	49.7	46.6	44.5	44.8	46.3	48.0	49.4	49.7	52.2	52.2	51.7
Wet Water Years	49.8	48.9	46.2	44.3	44.3	45.8	47.5	49.0	49.2	51.7	51.6	50.9
Above Normal Water Years	50.6	49.5	46.4	44.2	44.2	46.0	47.6	49.2	49.6	52.1	51.9	51.2
Below Normal Water Years	50.8	49.8	46.7	44.2	44.6	46.3	47.9	49.2	49.5	52.1	52.0	51.4
Dry Water Years	51.4	49.8	46.8	44.6	45.1	46.6	48.2	49.5	49.8	52.3	52.4	52.0
Critical Water Years	53.6	51.6	47.5	45.5	46.0	47.6	49.4	50.7	51.0	53.3	54.1	54.1

Table 5A-D1.8.1-E. Clear Creek at Igo, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1
20%	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
30%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
40%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
90%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.8.1-F. Clear Creek at Igo, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
Wet Water Years	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 Water Years	-0.1	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	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 Water Years	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 Water Years	0.0	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-1.7

Table 5A-D1.8.1-G. Clear Creek at Igo, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.4%	-0.1%	0.2%	-0.1%	0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.3%	-0.2%
20%	-0.1%	-0.3%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
30%	-0.5%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%
40%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.1%
60%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%
70%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
80%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
90%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.8.1-H. Clear Creek at Igo, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.5%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
Critical Water Years	0.0%	0.3%	0.3%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.2%	-3.0%

Table 5A-D1.8.2-A. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.2	51.4	48.0	45.7	46.1	47.4	49.2	50.5	51.0	53.4	53.7	53.7
20%	52.4	50.8	47.6	45.3	45.6	47.1	48.7	50.2	50.6	52.9	53.3	52.7
30%	51.6	50.5	47.0	45.1	45.2	46.8	48.5	49.9	50.3	52.7	52.6	52.2
40%	51.0	49.8	46.7	44.6	44.9	46.5	48.2	49.6	49.9	52.4	52.3	51.7
50%	50.6	49.4	46.5	44.5	44.7	46.3	47.9	49.3	49.7	52.2	52.0	51.5
60%	50.3	49.2	46.2	44.3	44.5	46.1	47.7	49.2	49.4	51.9	51.7	51.1
70%	49.8	49.1	45.9	44.0	44.1	45.9	47.5	48.9	49.1	51.4	51.4	50.9
80%	49.5	48.6	45.6	43.8	43.6	45.6	47.1	48.6	48.8	51.1	51.1	50.6
90%	49.1	47.9	45.3	43.3	43.5	45.1	46.8	48.1	48.4	50.8	50.8	50.1

Table 5A-D1.8.2-B. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.9	49.7	46.6	44.5	44.8	46.3	48.0	49.4	49.7	52.2	52.2	51.7
Wet Water Years	49.8	48.8	46.2	44.3	44.3	45.8	47.5	49.0	49.2	51.7	51.6	50.9
Above Normal Water Years	50.6	49.5	46.4	44.2	44.2	46.0	47.6	49.2	49.9	52.2	51.9	51.3
Below Normal Water Years	50.7	49.8	46.7	44.2	44.6	46.3	47.9	49.2	49.5	52.1	51.9	51.4
Dry Water Years	51.4	49.8	46.8	44.6	45.1	46.6	48.2	49.5	49.7	52.3	52.4	52.0
Critical Water Years	53.6	51.6	47.5	45.5	46.0	47.6	49.4	50.7	51.0	53.3	54.1	54.1

Table 5A-D1.8.2-C. Clear Creek at Igo, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1
20%	0.0	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
30%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
40%	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%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	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%	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%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.8.2-D. Clear Creek at Igo, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
Wet Water Years	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 Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0
Below Normal Water Years	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years	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 Water Years	0.0	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-1.6

Table 5A-D1.8.2-E. Clear Creek at Igo, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.4%	0.0%	0.2%	-0.1%	0.2%	0.0%	0.1%	0.0%	0.2%	0.3%	-0.3%	-0.2%
20%	-0.1%	-0.4%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%
30%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
40%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.1%	0.3%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%
70%	0.0%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
80%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%
90%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%

Table 5A-D1.8.2-F. Clear Creek at Igo, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.5%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.2%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%
Critical Water Years	0.1%	0.3%	0.3%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.2%	-2.9%

Table 5A-D1.8.3-A. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.1	51.4	47.9	45.7	46.1	47.4	49.2	50.5	50.9	53.2	53.7	53.7
20%	52.4	50.8	47.5	45.3	45.6	47.1	48.7	50.2	50.6	52.9	53.3	52.7
30%	51.6	50.5	47.1	45.0	45.2	46.8	48.5	49.9	50.4	52.7	52.6	52.2
40%	51.0	49.9	46.7	44.6	44.9	46.5	48.2	49.7	50.0	52.4	52.3	51.7
50%	50.7	49.4	46.5	44.4	44.7	46.3	47.9	49.3	49.7	52.2	52.0	51.5
60%	50.3	49.2	46.3	44.3	44.5	46.1	47.7	49.2	49.4	51.9	51.7	51.2
70%	49.8	49.1	45.9	44.0	44.1	45.9	47.5	48.9	49.1	51.4	51.4	50.9
80%	49.5	48.6	45.6	43.8	43.6	45.5	47.1	48.7	48.8	51.1	51.2	50.6
90%	49.3	47.9	45.3	43.3	43.5	45.1	46.8	48.1	48.4	50.8	50.9	50.1

Table 5A-D1.8.3-B. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.9	49.7	46.6	44.5	44.8	46.3	48.0	49.4	49.7	52.2	52.2	51.7
Wet Water Years	49.8	48.8	46.2	44.3	44.3	45.8	47.5	49.1	49.3	51.7	51.6	50.9
Above Normal Water Years	50.6	49.5	46.4	44.2	44.2	46.0	47.6	49.2	49.9	52.2	51.9	51.2
Below Normal Water Years	50.8	49.8	46.7	44.2	44.6	46.3	47.9	49.2	49.5	52.0	51.9	51.5
Dry Water Years	51.4	49.8	46.8	44.6	45.1	46.6	48.2	49.5	49.8	52.3	52.4	52.0
Critical Water Years	53.5	51.4	47.4	45.5	46.0	47.6	49.4	50.7	51.0	53.3	54.1	54.1

Table 5A-D1.8.3-C. Clear Creek at Igo, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	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%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
30%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
40%	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0

Table 5A-D1.8.3-D. Clear Creek at Igo, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	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 Water Years	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-1.6

Table 5A-D1.8.3-E. Clear Creek at Igo, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.1%	0.0%	-0.1%	0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.3%	-0.2%
20%	-0.1%	-0.3%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%
30%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
40%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%	0.0%	0.2%	0.0%	0.0%	-0.1%
50%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.1%	0.1%	0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
90%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%

Table 5A-D1.8.3-F. Clear Creek at Igo, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.5%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.2%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%	-2.9%

Table 5A-D1.8.4-A. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.3	51.4	48.0	45.7	46.1	47.4	49.2	50.5	51.0	53.4	53.7	53.8
20%	52.4	50.8	47.6	45.2	45.6	47.1	48.8	50.2	50.6	52.9	53.2	52.7
30%	51.6	50.5	47.1	45.1	45.2	46.8	48.5	49.9	50.3	52.7	52.6	52.3
40%	51.0	49.8	46.7	44.6	44.9	46.6	48.2	49.6	49.9	52.4	52.3	51.7
50%	50.6	49.5	46.5	44.4	44.7	46.3	47.9	49.4	49.7	52.2	52.0	51.5
60%	50.3	49.2	46.2	44.3	44.5	46.1	47.7	49.2	49.4	51.9	51.7	51.1
70%	49.8	49.0	45.9	44.0	44.1	45.9	47.5	48.9	49.1	51.5	51.4	50.9
80%	49.5	48.6	45.6	43.8	43.6	45.6	47.2	48.7	48.8	51.1	51.1	50.7
90%	49.2	47.9	45.3	43.3	43.5	45.1	46.8	48.2	48.4	50.8	50.8	50.1

Table 5A-D1.8.4-B. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.9	49.7	46.6	44.5	44.8	46.3	48.0	49.4	49.7	52.2	52.2	51.7
Wet Water Years	49.8	48.8	46.2	44.3	44.3	45.8	47.5	49.1	49.2	51.7	51.6	50.9
Above Normal Water Years	50.6	49.5	46.4	44.2	44.2	46.0	47.6	49.2	49.9	52.2	51.9	51.3
Below Normal Water Years	50.7	49.8	46.7	44.2	44.6	46.3	47.9	49.2	49.5	52.1	52.0	51.4
Dry Water Years	51.4	49.8	46.8	44.6	45.1	46.6	48.2	49.5	49.8	52.3	52.4	52.0
Critical Water Years	53.6	51.6	47.5	45.5	46.0	47.6	49.4	50.7	51.0	53.3	54.1	54.1

Table 5A-D1.8.4-C. Clear Creek at Igo, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.3	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1
20%	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
30%	-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%	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.8.4-D. Clear Creek at Igo, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
Wet Water Years	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Below Normal Water Years	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Dry Water Years	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 Water Years	0.0	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-1.7

Table 5A-D1.8.4-E. Clear Creek at Igo, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.5%	0.0%	0.1%	-0.1%	0.2%	0.0%	0.1%	0.0%	0.2%	0.3%	-0.3%	-0.1%
20%	-0.1%	-0.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%
30%	-0.4%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.1%
40%	0.2%	-0.1%	0.0%	0.0%	-0.1%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%
50%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%
60%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%
70%	0.0%	-0.2%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
90%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.8.4-F. Clear Creek at Igo, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.5%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.3%	0.3%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%	-3.0%

Table 5A-D1.8.5-A. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.1	51.4	47.9	45.7	46.1	47.4	49.2	50.5	50.9	53.2	53.7	53.7
20%	52.4	50.8	47.5	45.3	45.6	47.1	48.7	50.2	50.6	52.9	53.3	52.7
30%	51.6	50.5	47.1	45.0	45.2	46.8	48.5	49.9	50.3	52.7	52.6	52.2
40%	51.0	49.9	46.7	44.6	44.9	46.5	48.2	49.7	49.9	52.4	52.3	51.7
50%	50.6	49.5	46.5	44.4	44.7	46.3	47.9	49.3	49.7	52.2	52.0	51.5
60%	50.3	49.2	46.2	44.3	44.5	46.1	47.7	49.2	49.4	51.9	51.7	51.2
70%	49.8	49.1	45.9	44.0	44.1	45.9	47.5	48.9	49.1	51.4	51.4	50.9
80%	49.5	48.6	45.6	43.8	43.6	45.5	47.1	48.7	48.8	51.1	51.2	50.6
90%	49.2	47.9	45.3	43.3	43.5	45.1	46.8	48.1	48.4	50.8	50.8	50.2

Table 5A-D1.8.5-B. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.9	49.7	46.6	44.5	44.8	46.3	48.0	49.4	49.7	52.2	52.2	51.7
Wet Water Years	49.8	48.9	46.2	44.3	44.3	45.8	47.5	49.1	49.2	51.7	51.6	50.9
Above Normal Water Years	50.6	49.5	46.4	44.2	44.2	46.0	47.6	49.2	49.9	52.2	51.9	51.2
Below Normal Water Years	50.8	49.8	46.7	44.2	44.6	46.3	47.9	49.2	49.5	52.0	51.9	51.5
Dry Water Years	51.4	49.8	46.8	44.6	45.1	46.6	48.2	49.5	49.8	52.3	52.4	52.0
Critical Water Years	53.5	51.4	47.4	45.5	46.1	47.6	49.4	50.7	51.0	53.3	54.1	54.1

Table 5A-D1.8.5-C. Clear Creek at Igo, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	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%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
30%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
40%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	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%	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%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.8.5-D. Clear Creek at Igo, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	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 Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-1.6

Table 5A-D1.8.5-E. Clear Creek at Igo, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.1%	0.0%	-0.1%	0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.3%	-0.2%
20%	-0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%
30%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%
40%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%
50%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
70%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
90%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%

Table 5A-D1.8.5-F. Clear Creek at Igo, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.5%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.2%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%	-2.9%

Figure 5A-D1.8.1. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

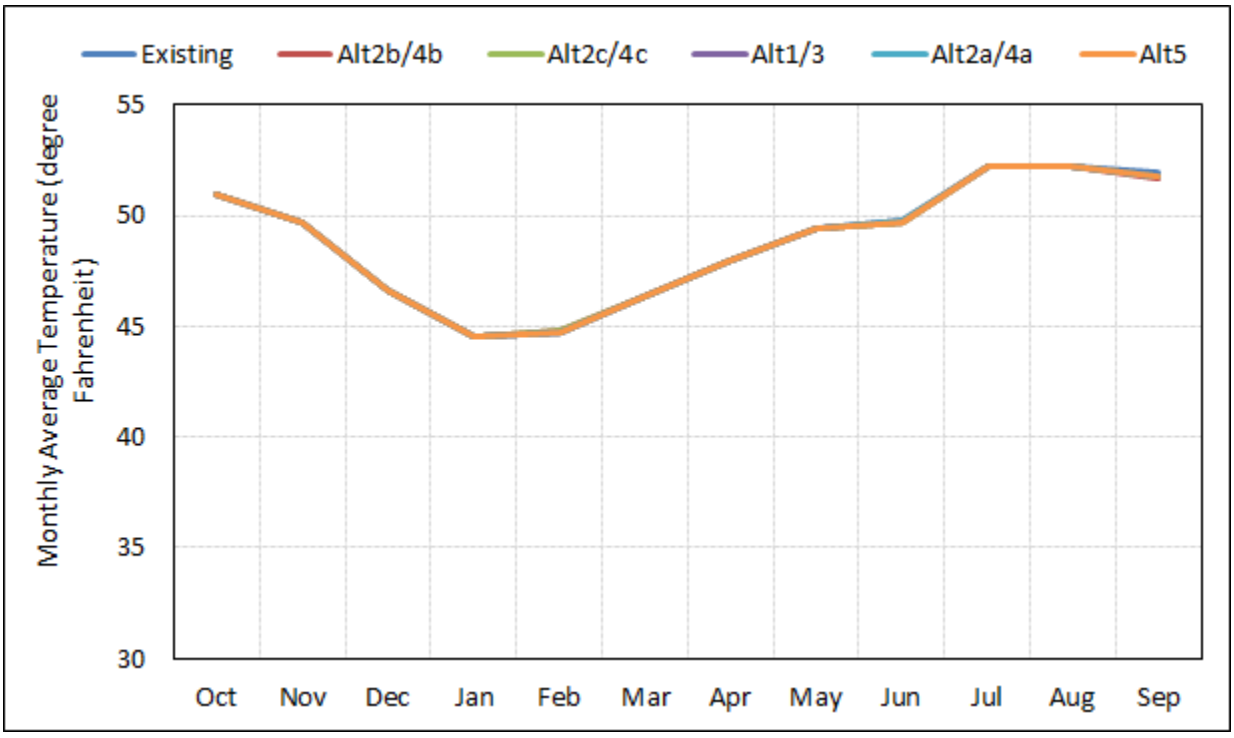


Figure 5A-D1.8.2. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

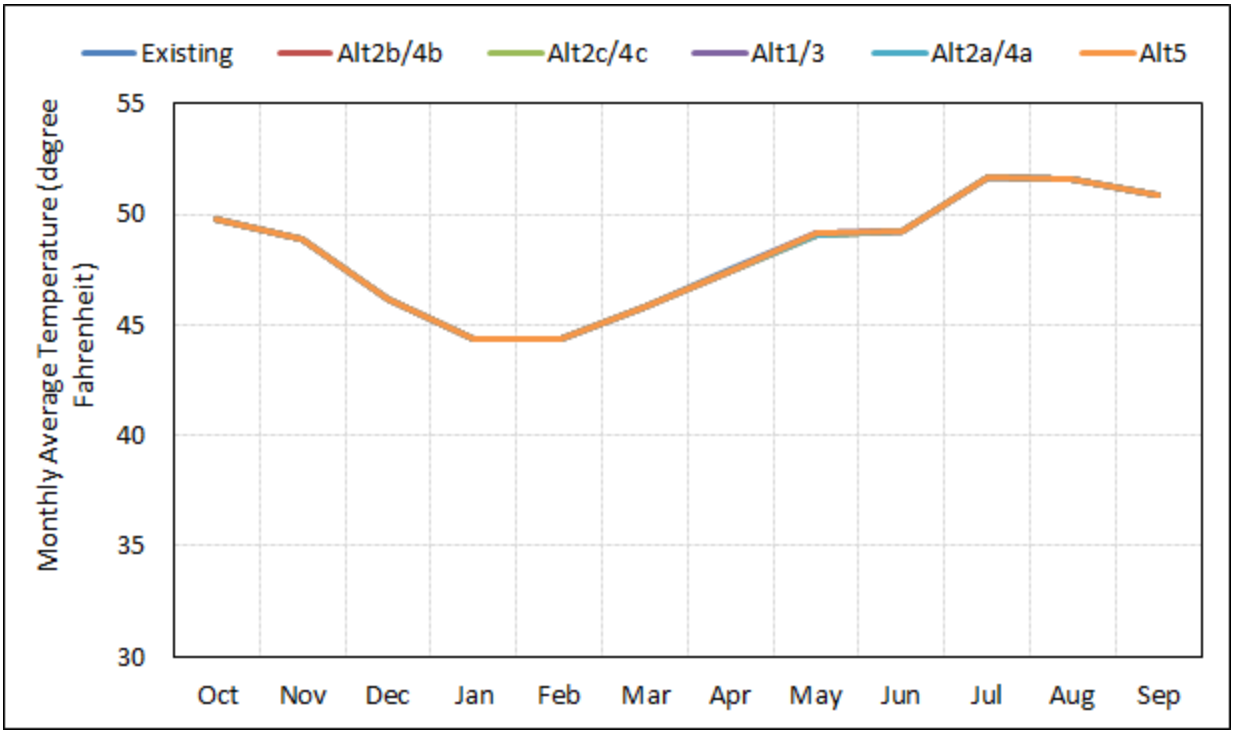


Figure 5A-D1.8.3. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

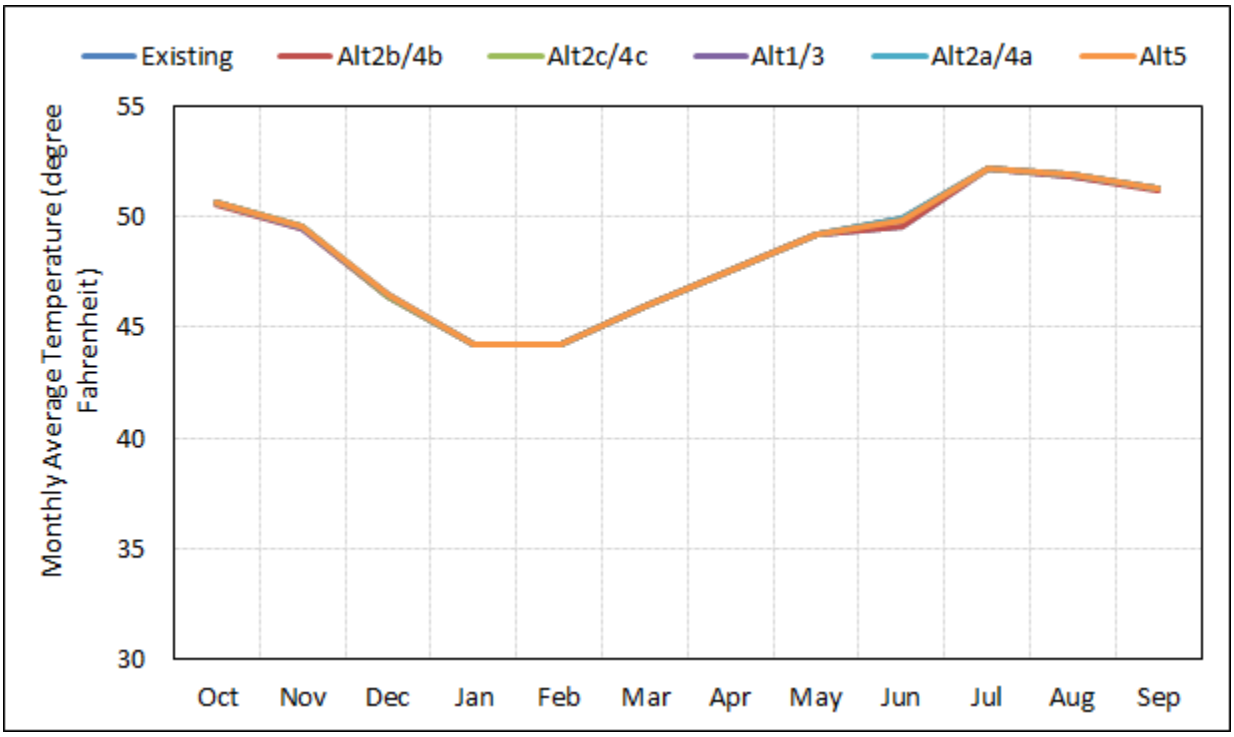


Figure 5A-D1.8.4. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

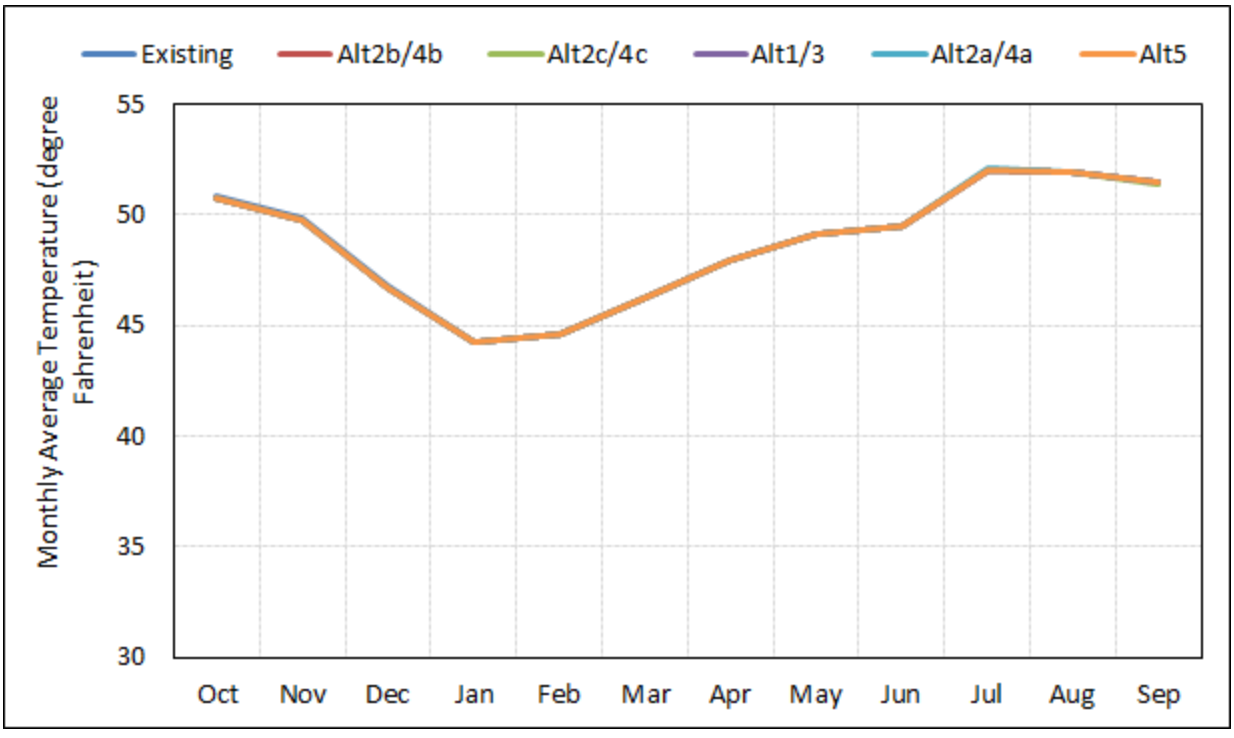


Figure 5A-D1.8.5. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

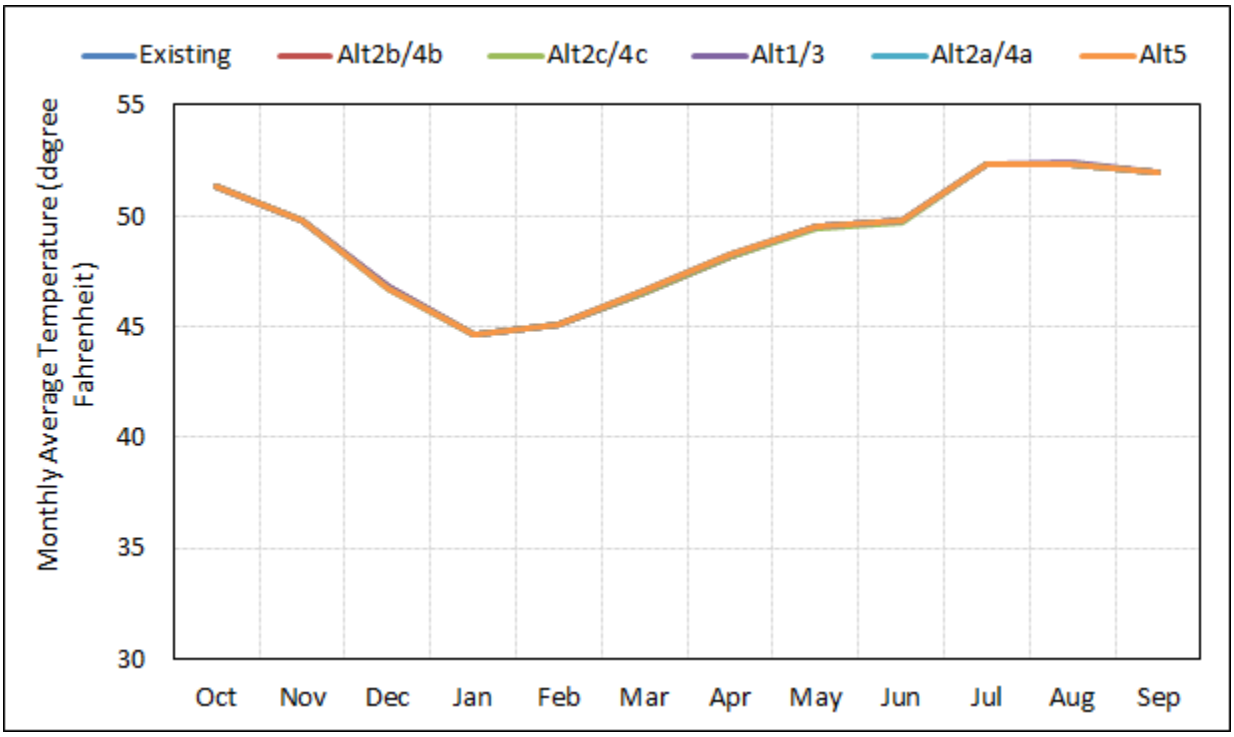


Figure 5A-D1.8.6. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

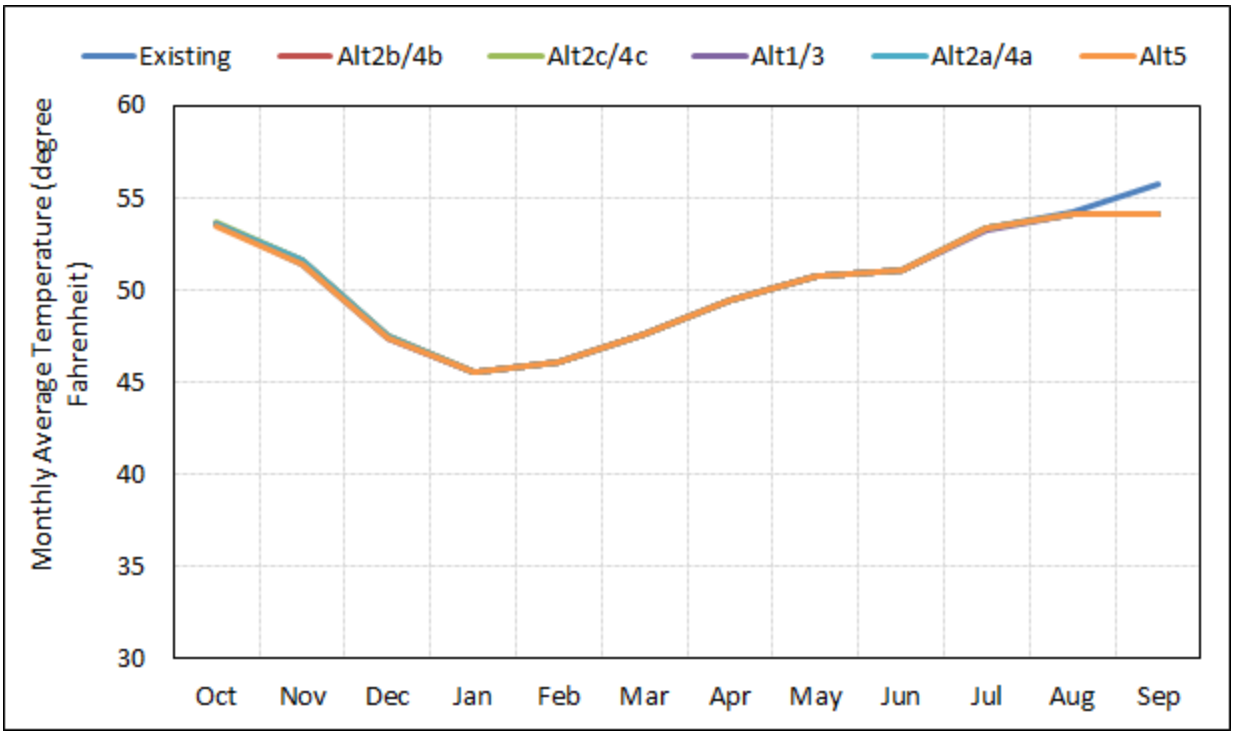


Figure 5A-D1.8.7. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

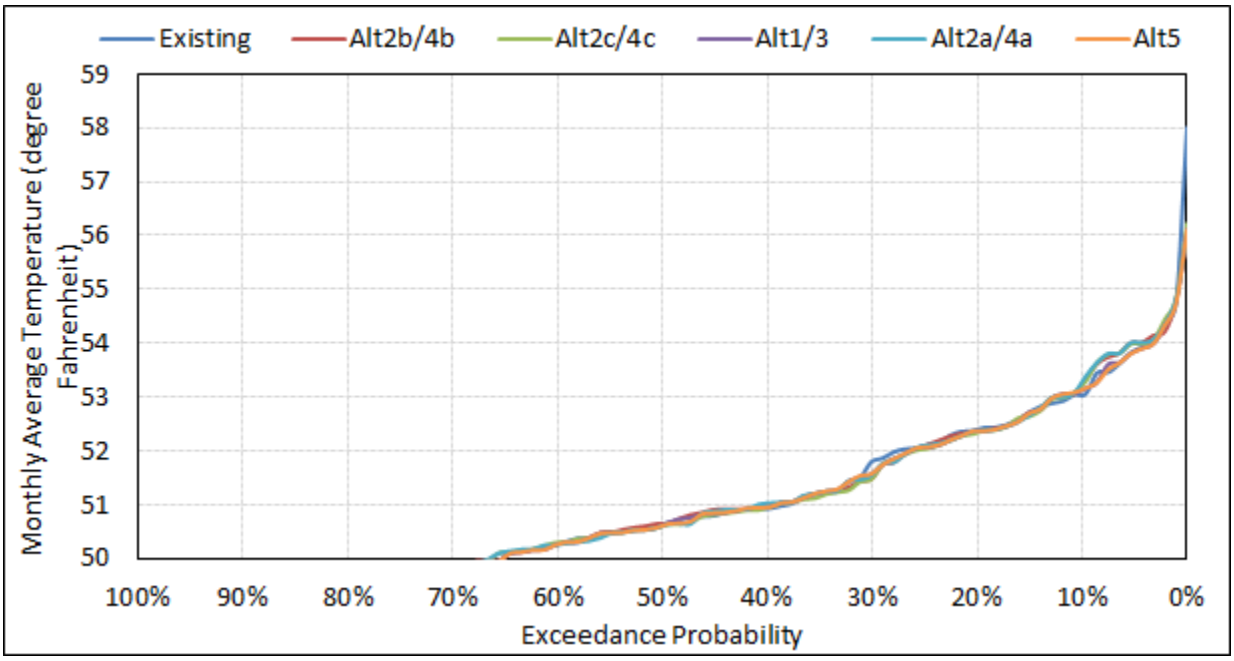


Figure 5A-D1.8.8. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

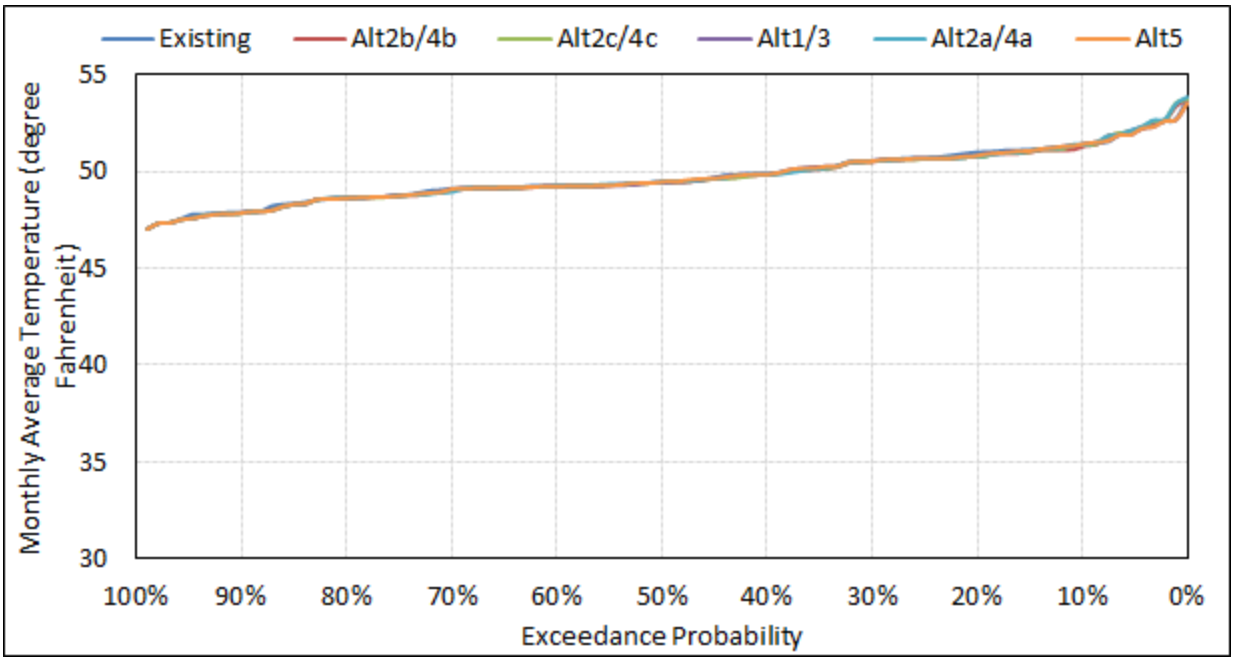


Figure 5A-D1.8.9. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

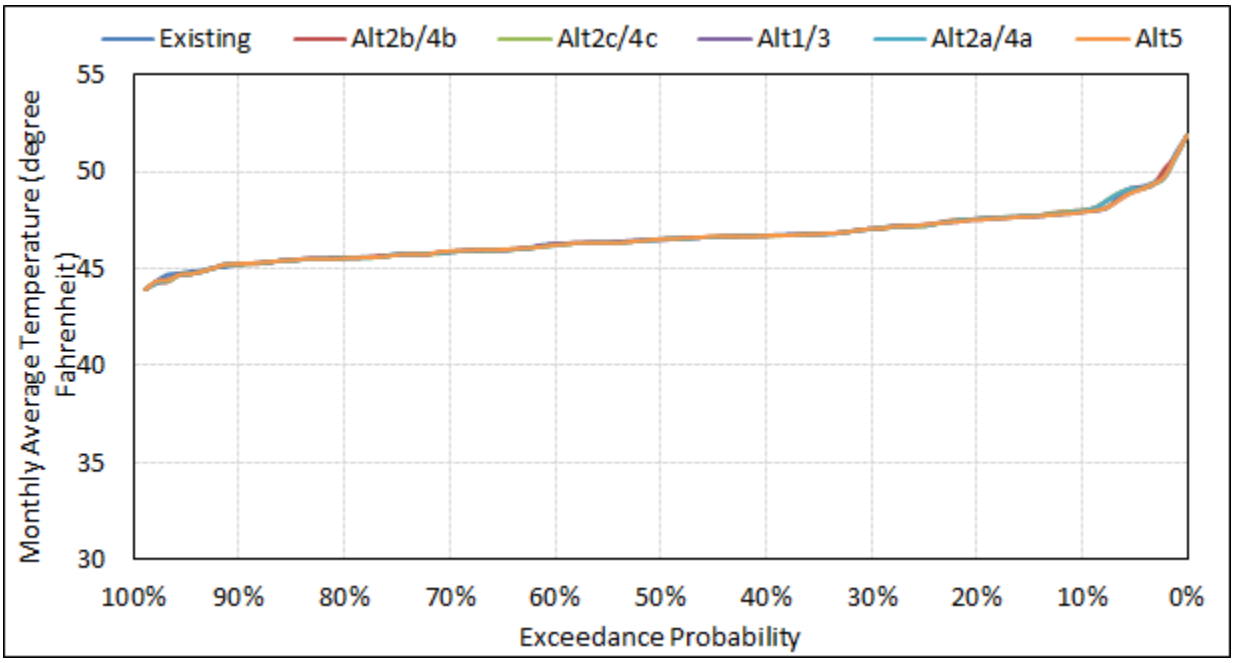


Figure 5A-D1.8.10. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

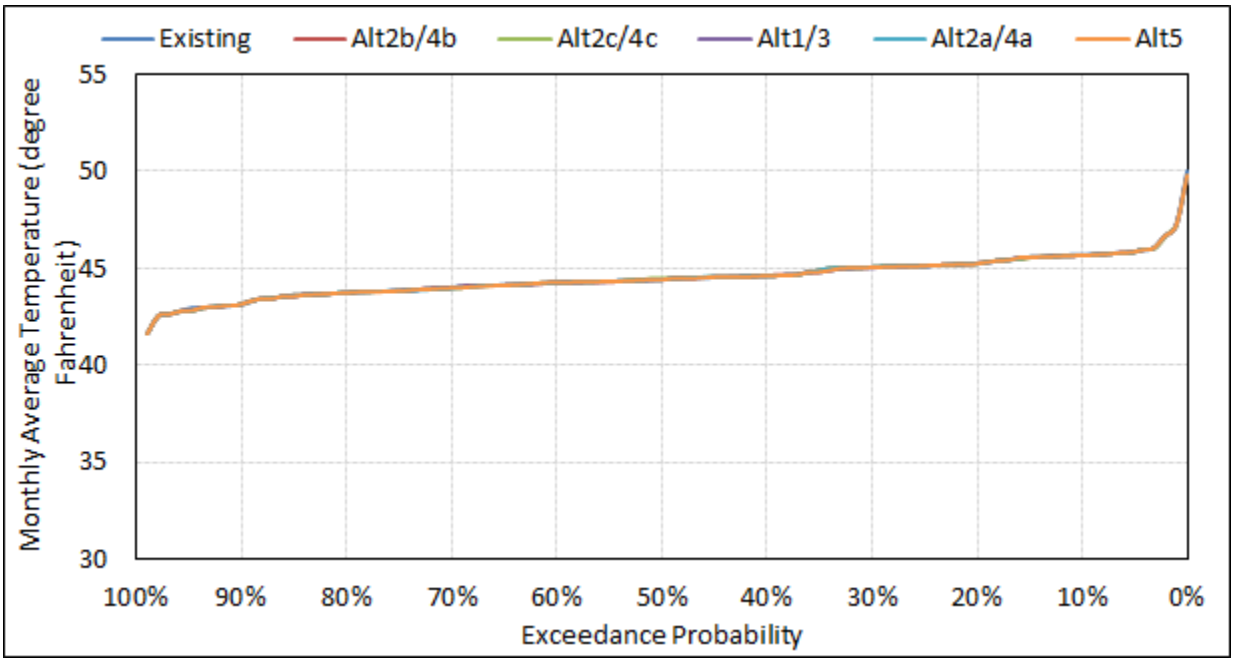


Figure 5A-D1.8.11. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

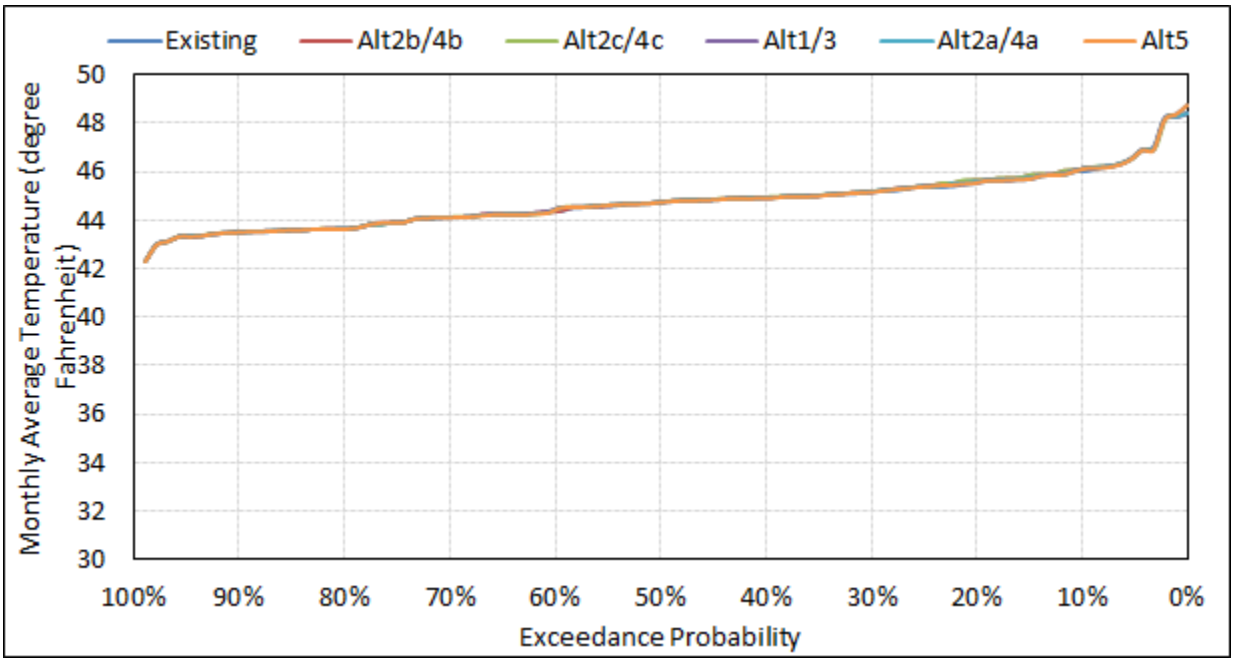


Figure 5A-D1.8.12. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

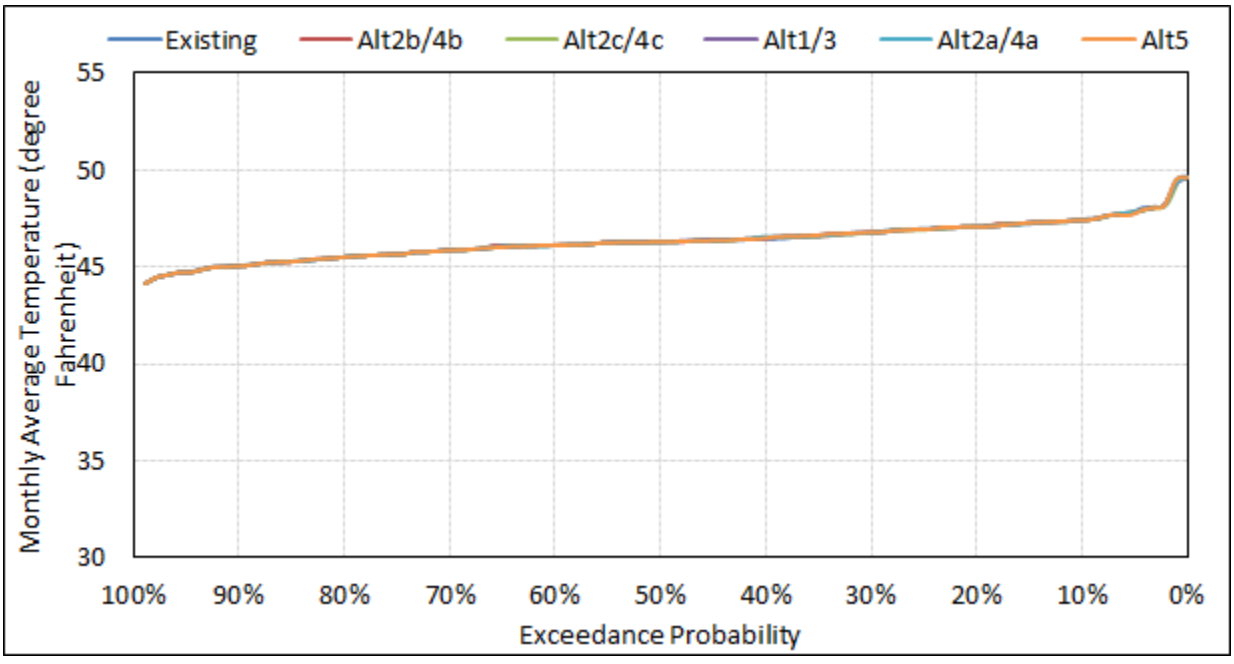


Figure 5A-D1.8.13. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

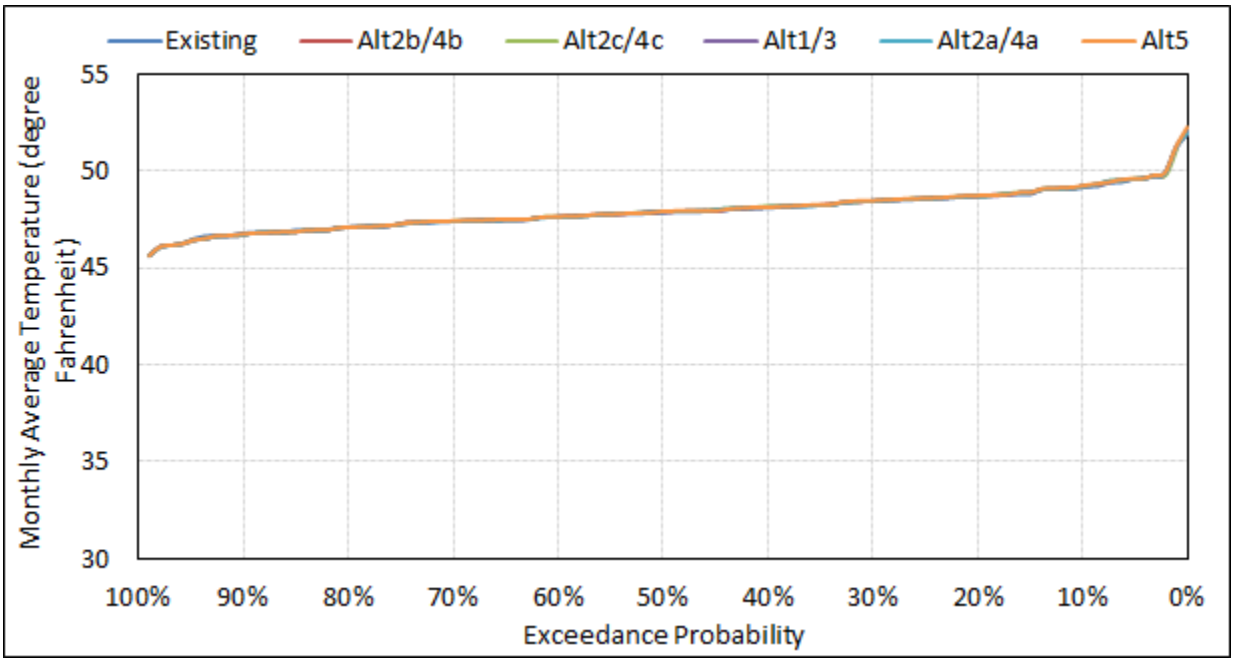


Figure 5A-D1.8.14. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

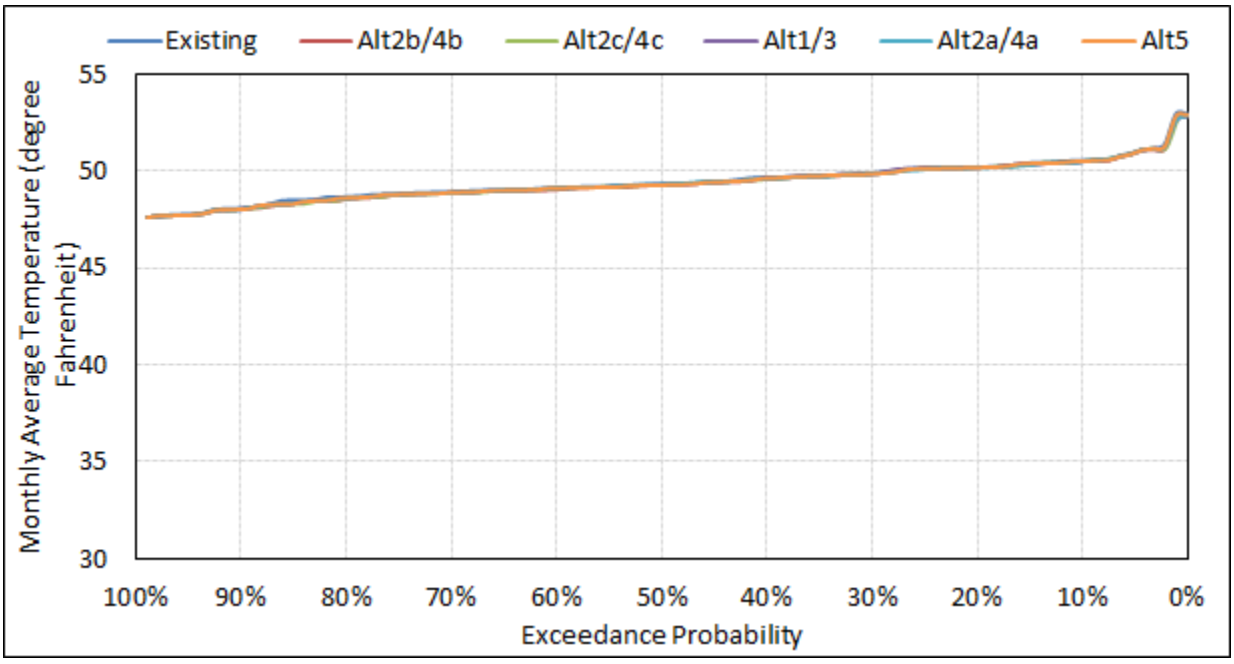


Figure 5A-D1.8.15. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

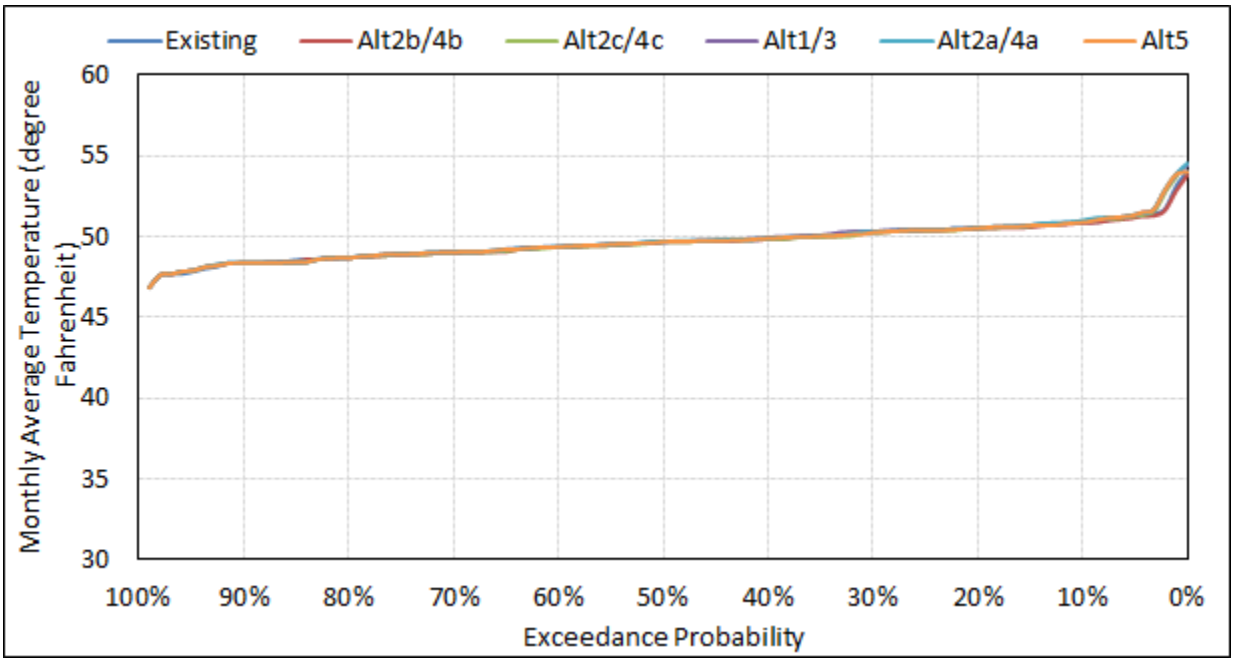


Figure 5A-D1.8.16. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

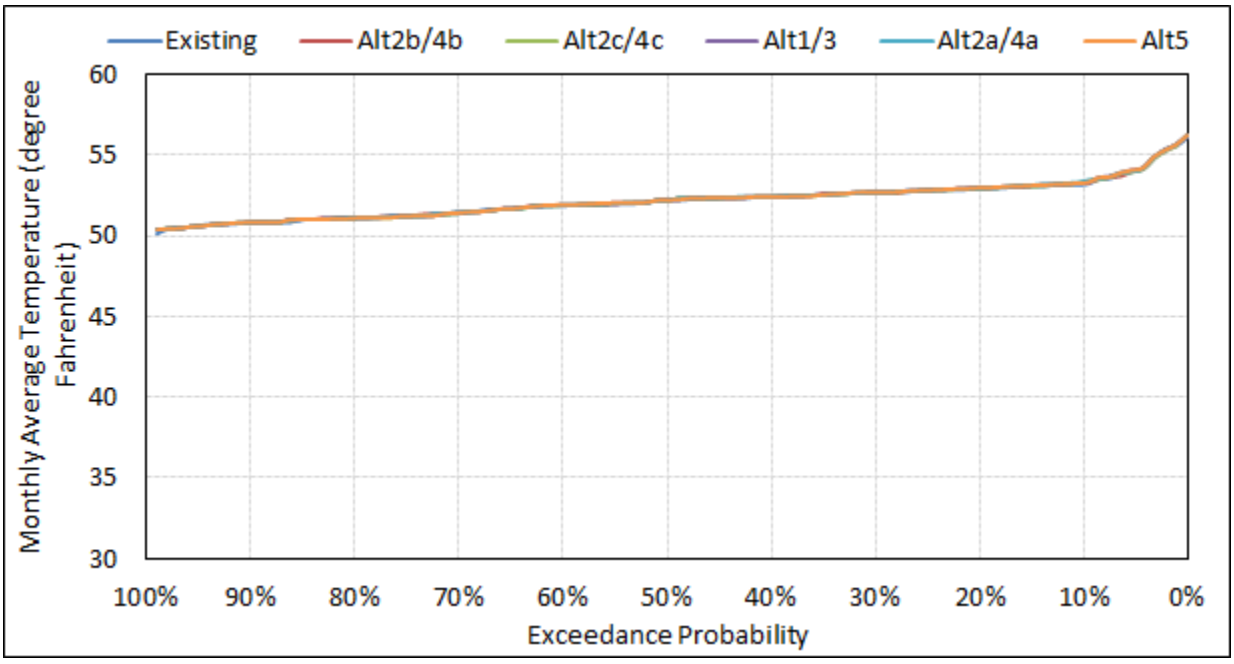


Figure 5A-D1.8.17. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

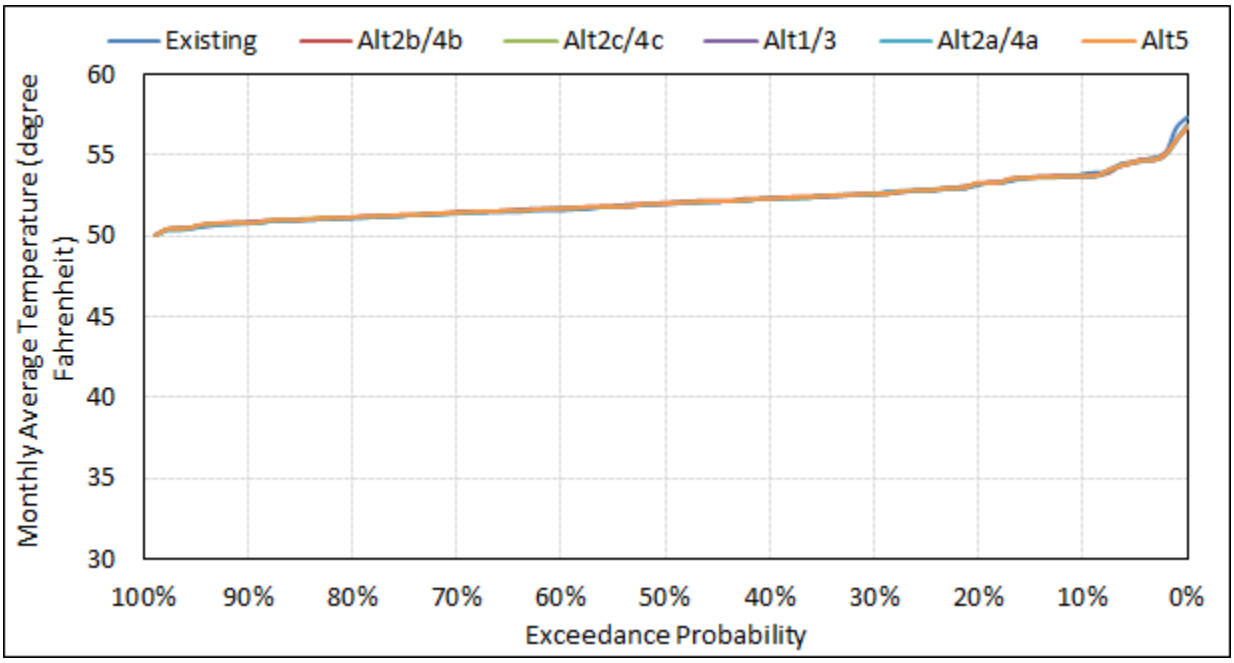


Figure 5A-D1.8.18. Clear Creek at Igo, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

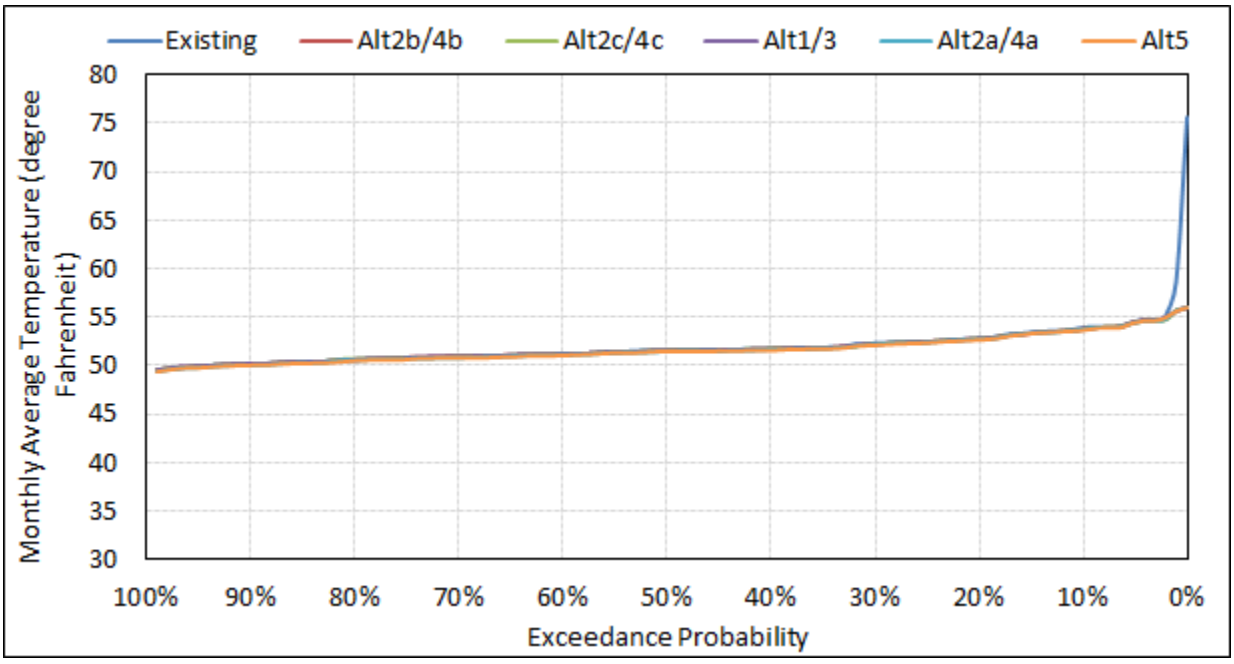
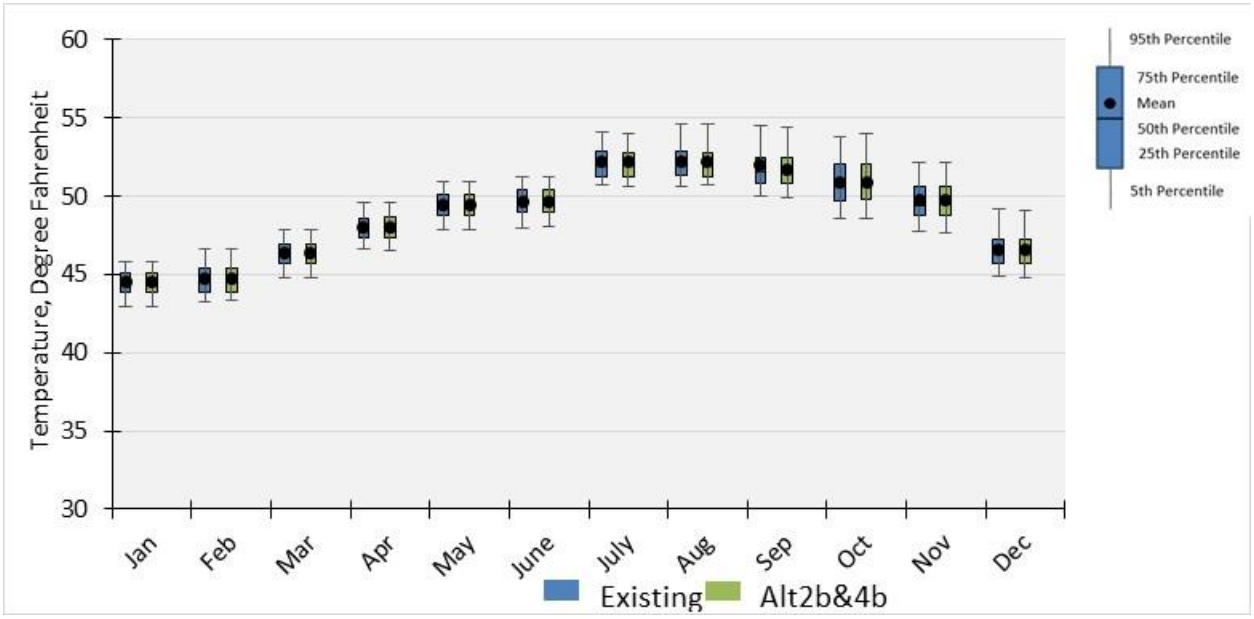


Figure 5A-D1.8.19. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



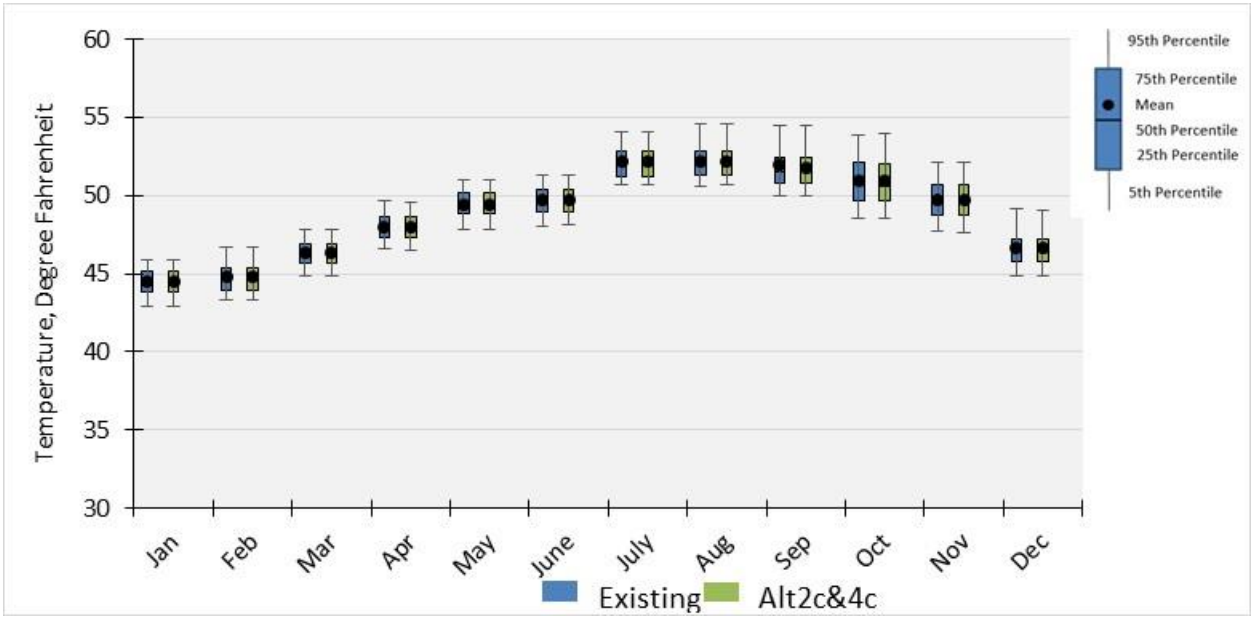
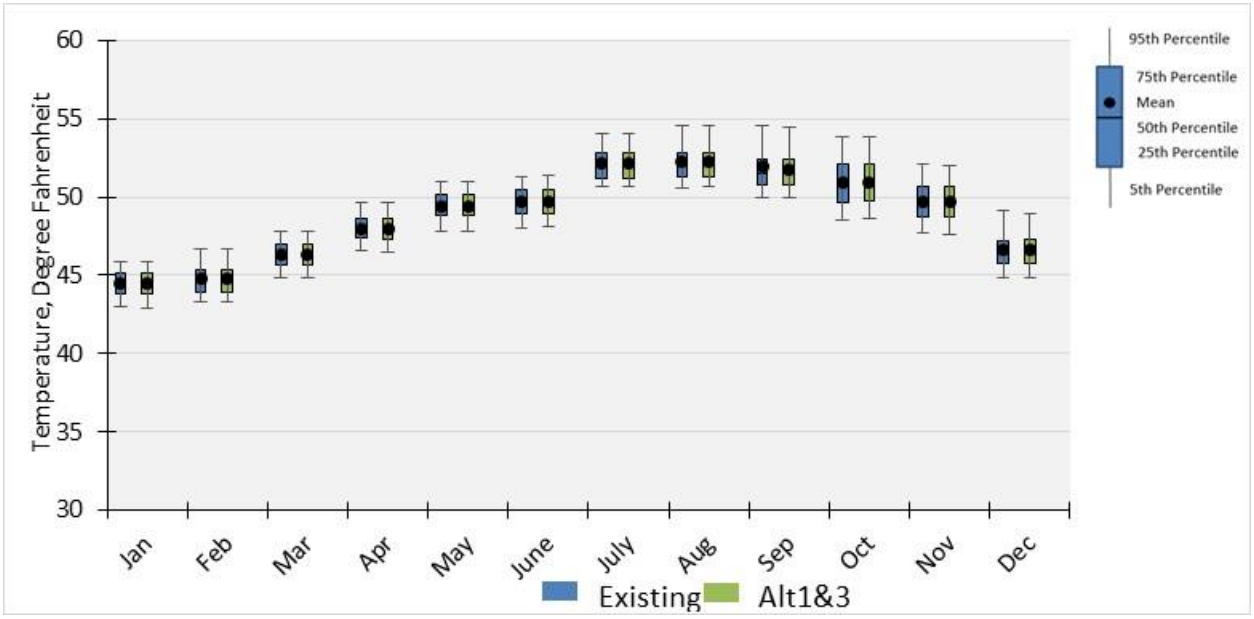


Figure 5A-D1.8.20. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



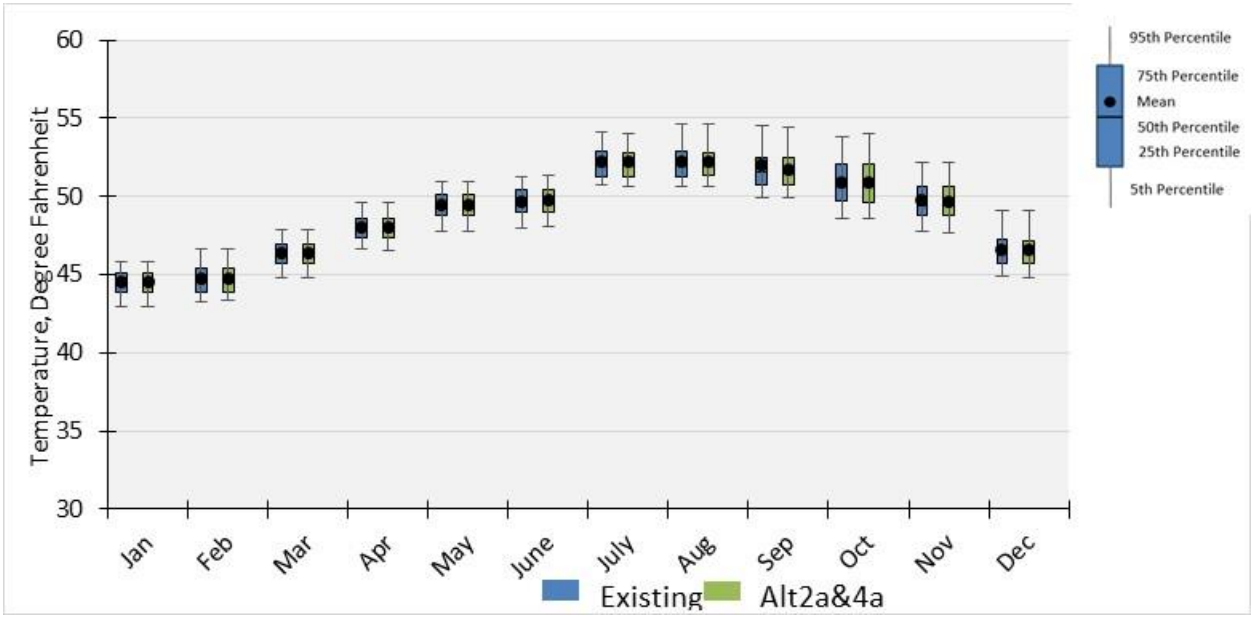


Figure 5A-D1.8.21. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

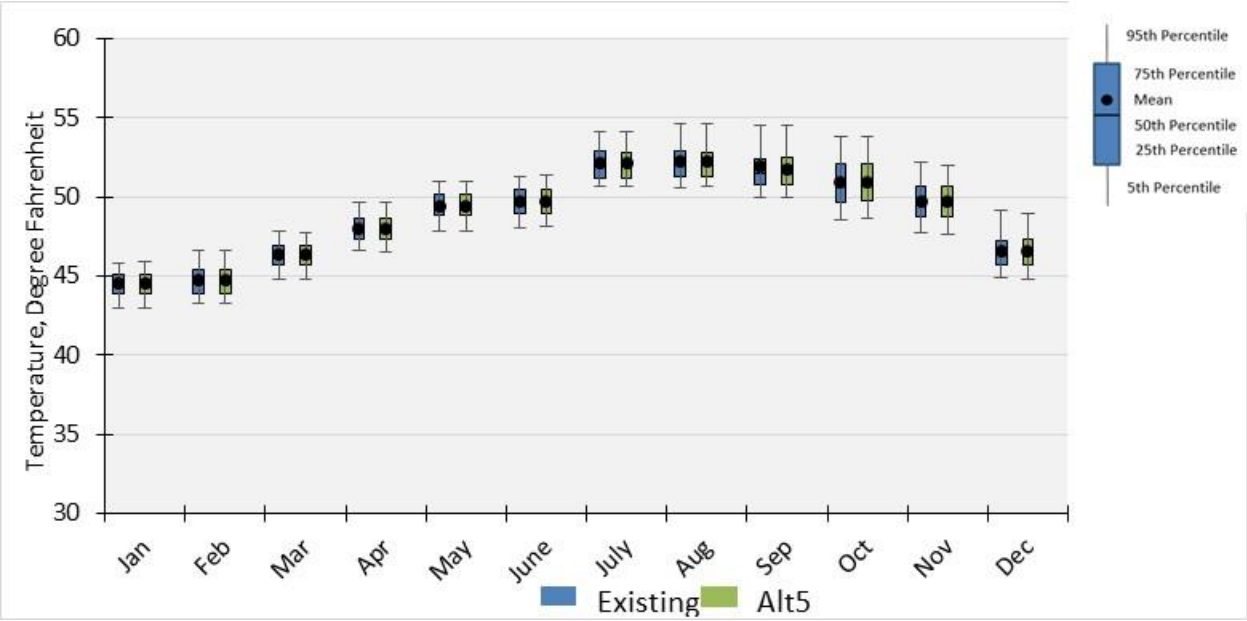
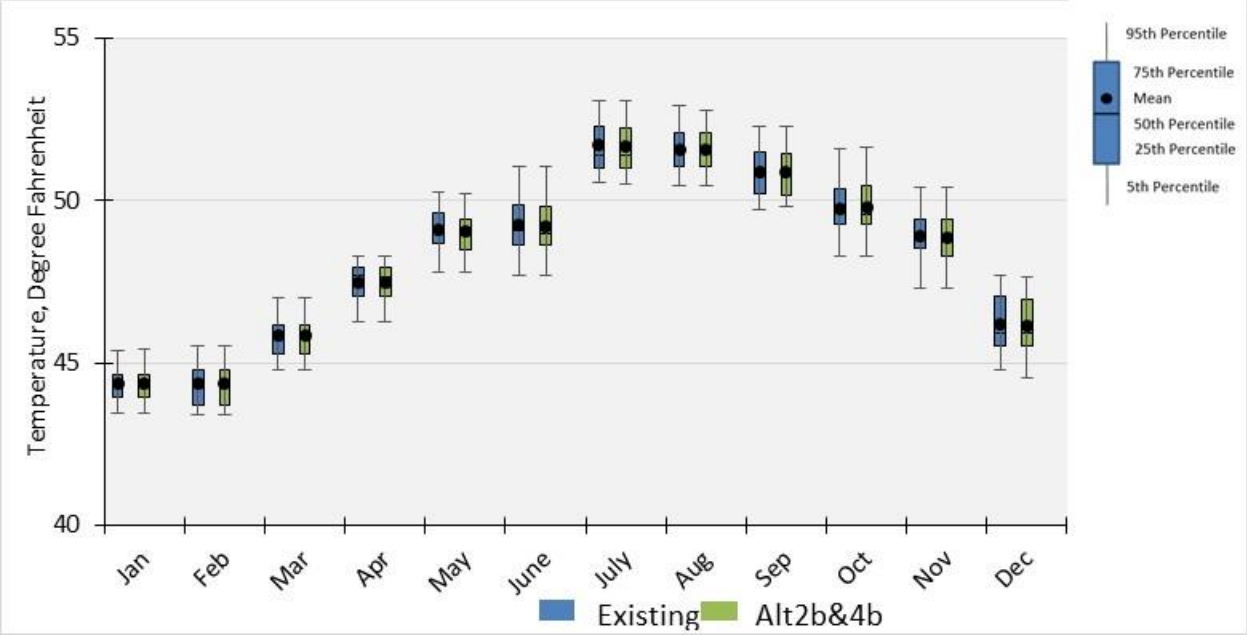


Figure 5A-D1.8.22. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



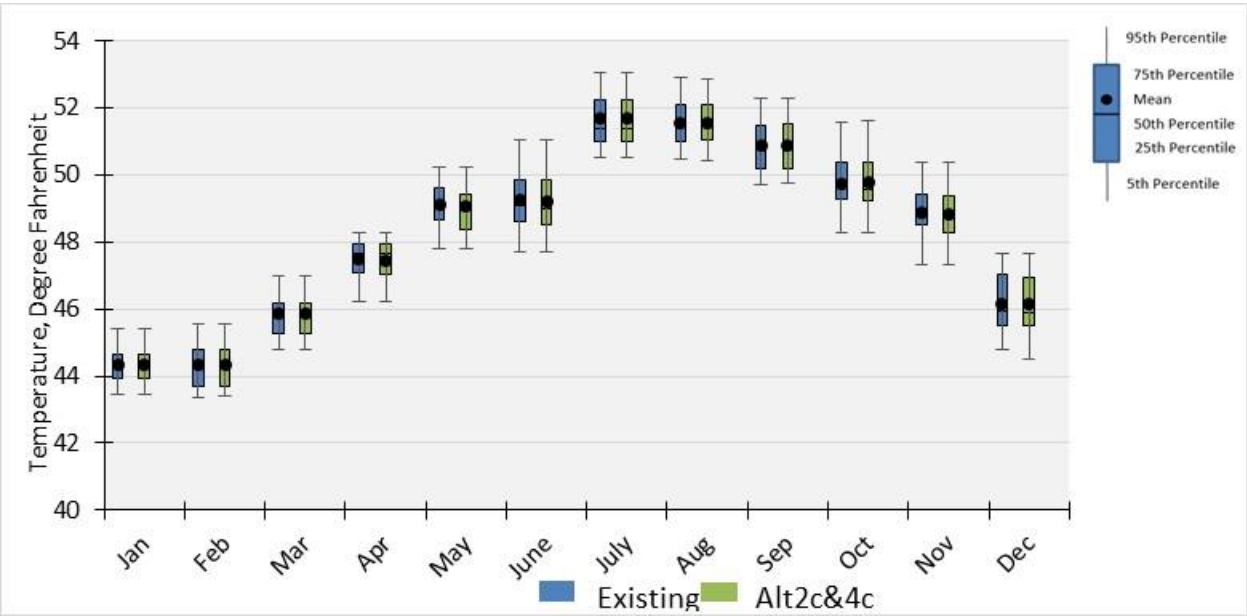
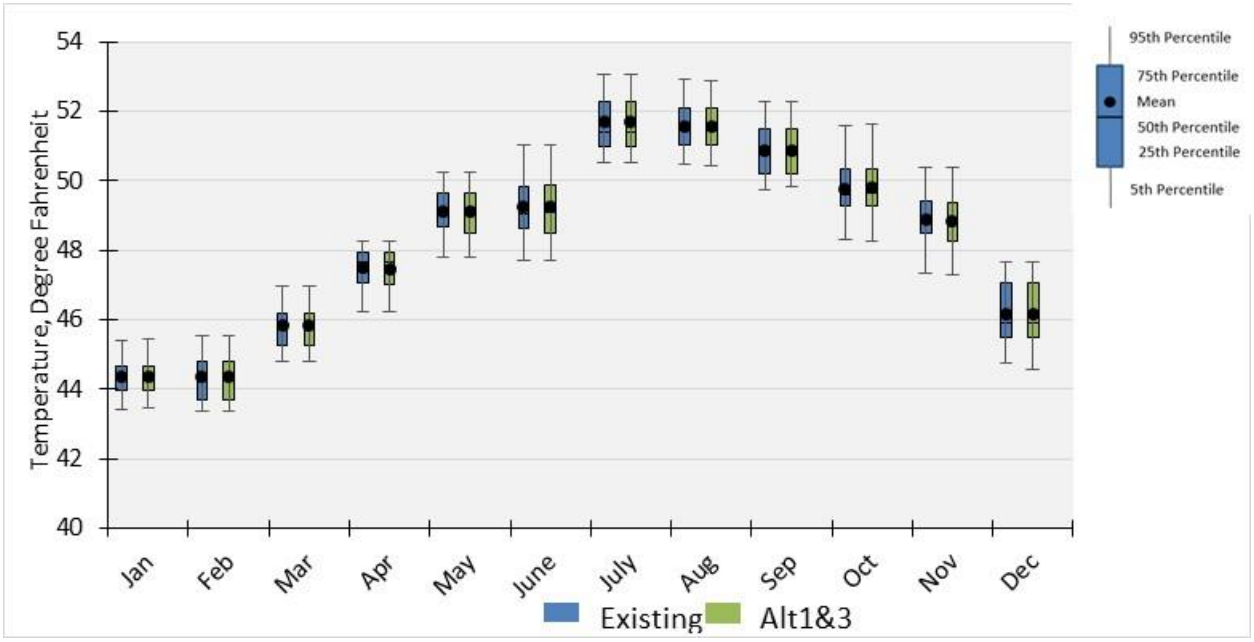


Figure 5A-D1.8.23. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



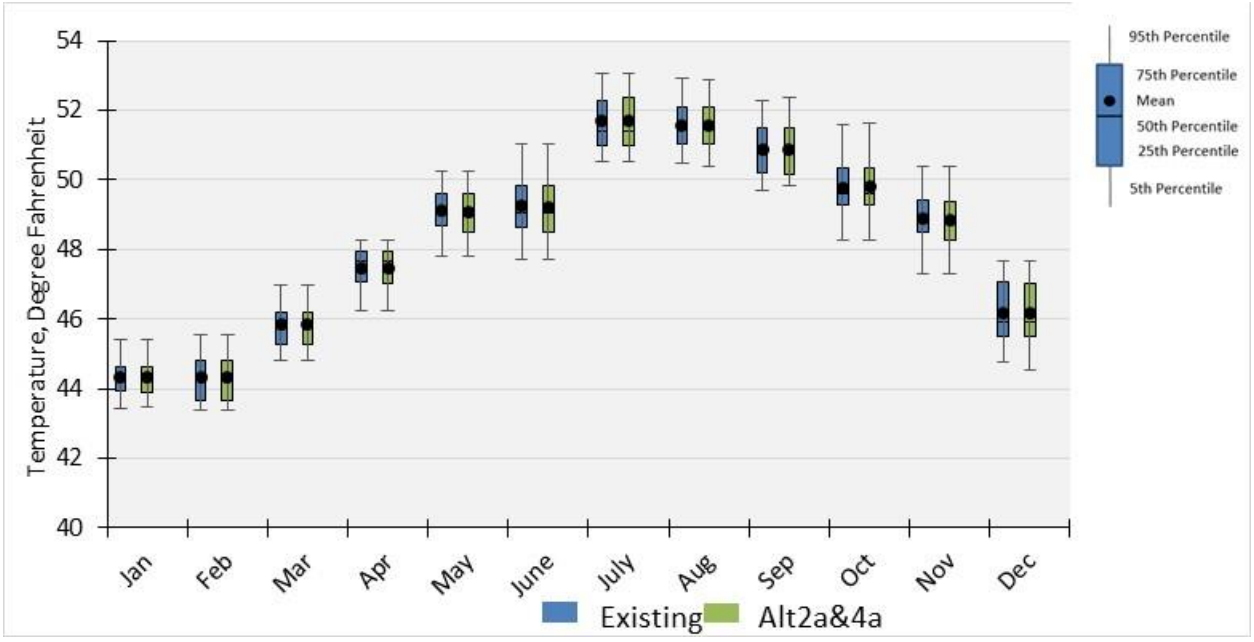


Figure 5A-D1.8.24. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

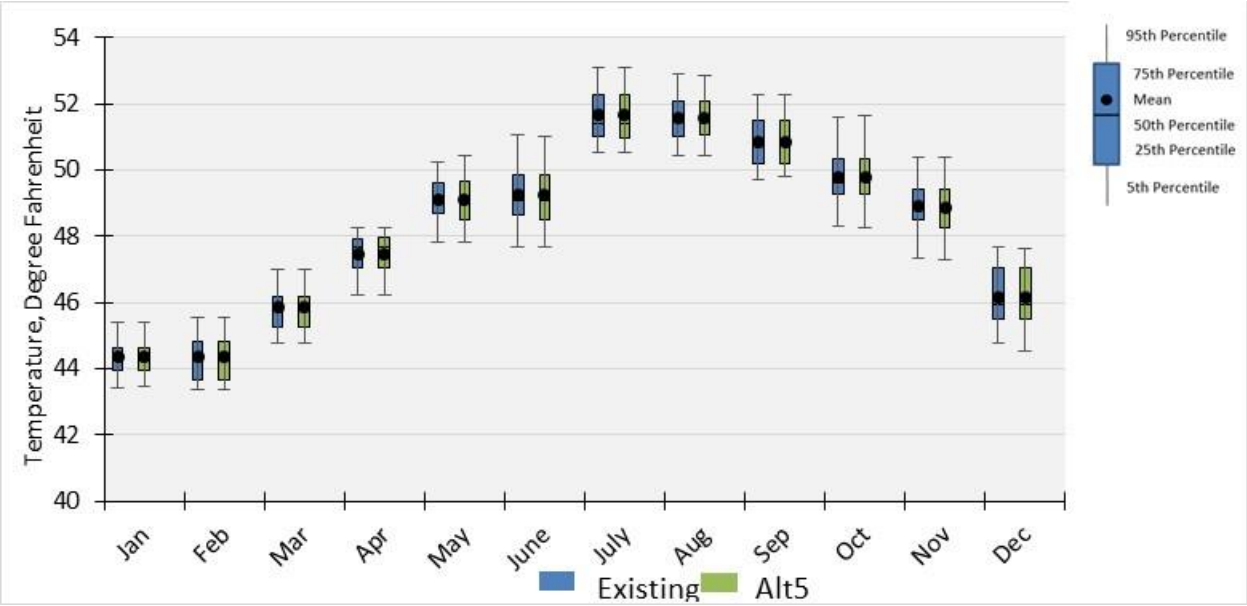
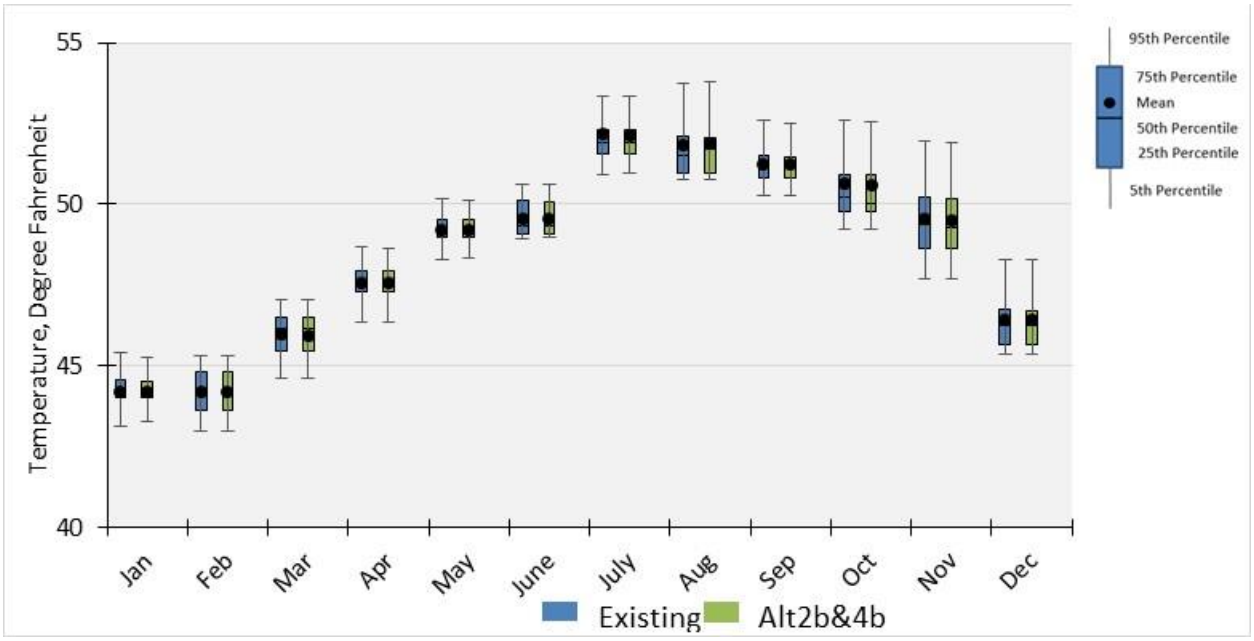


Figure 5A-D1.8.25. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



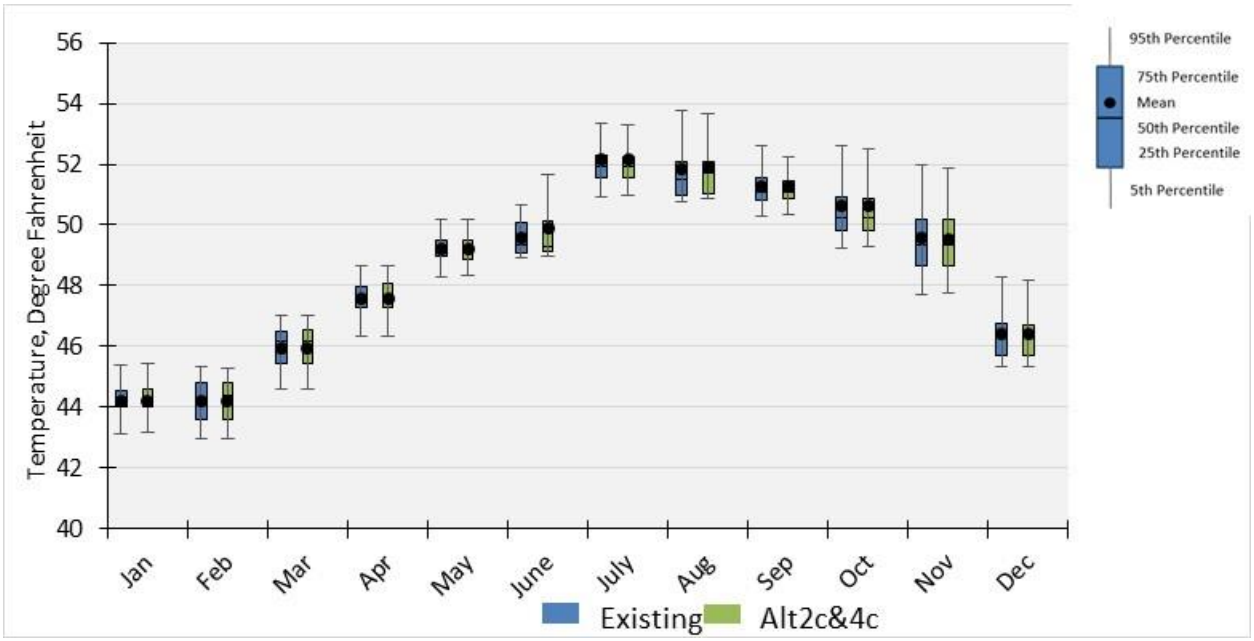
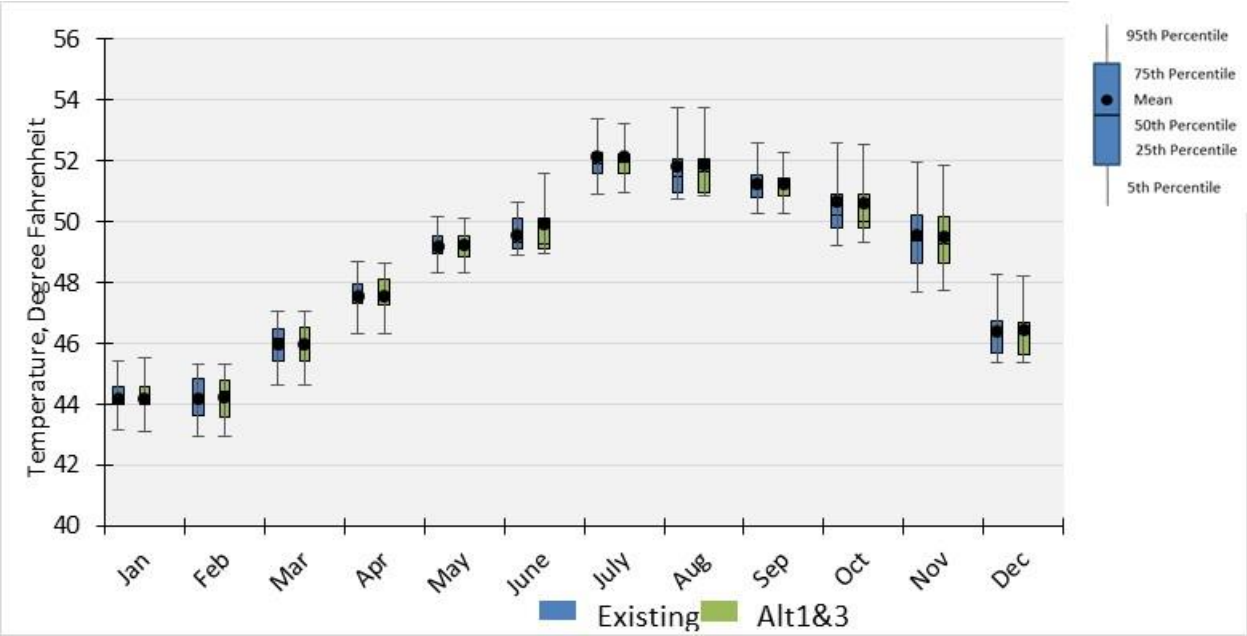


Figure 5A-D1.8.26. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



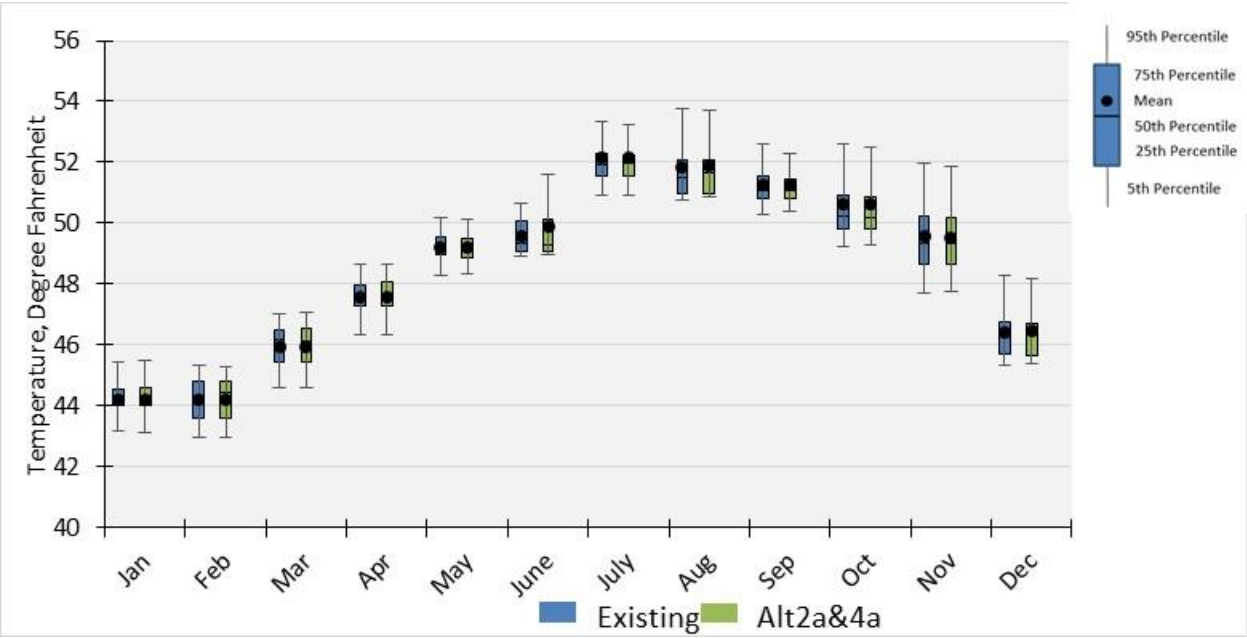


Figure 5A-D1.8.27. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

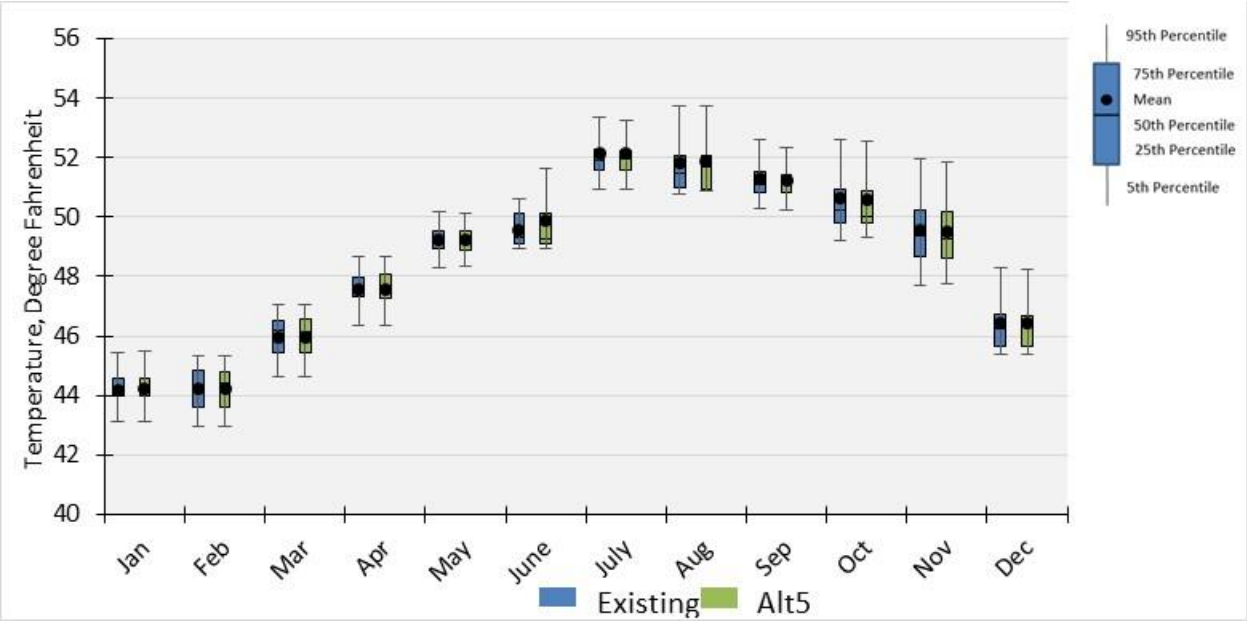
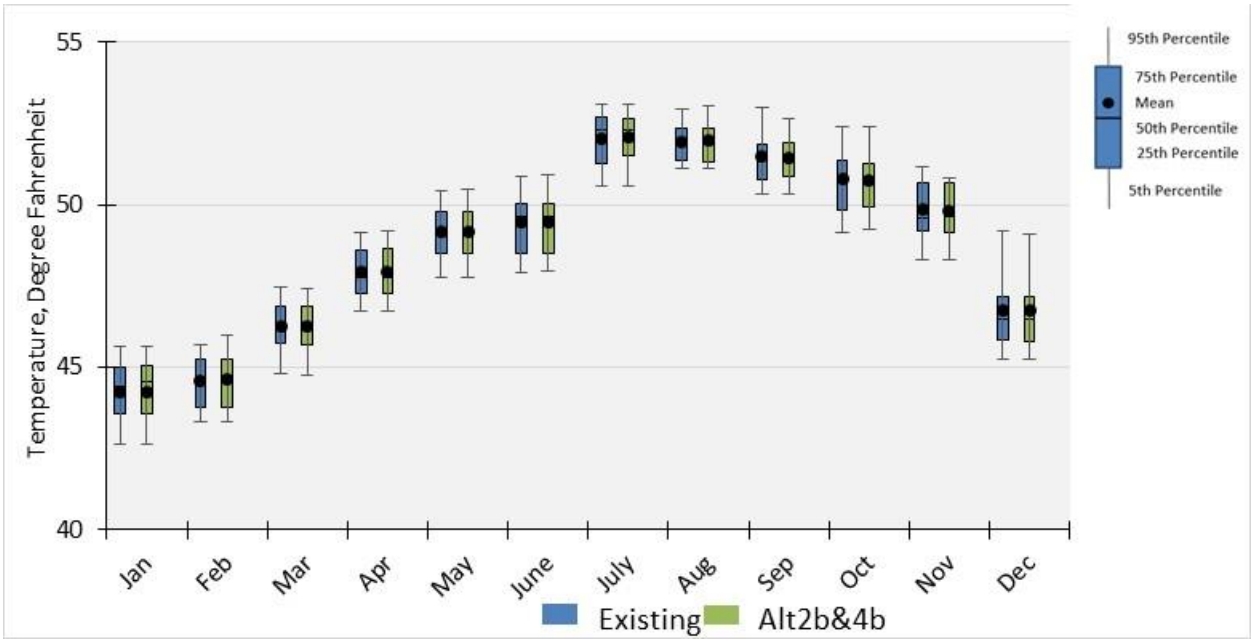


Figure 5A-D1.8.28. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



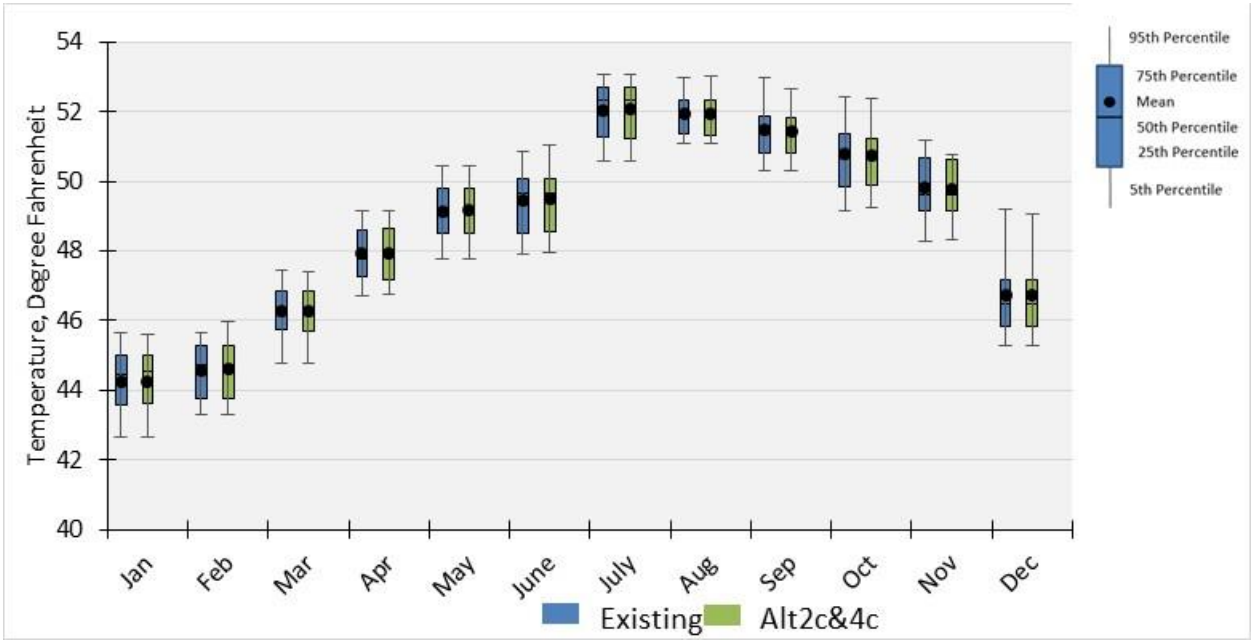
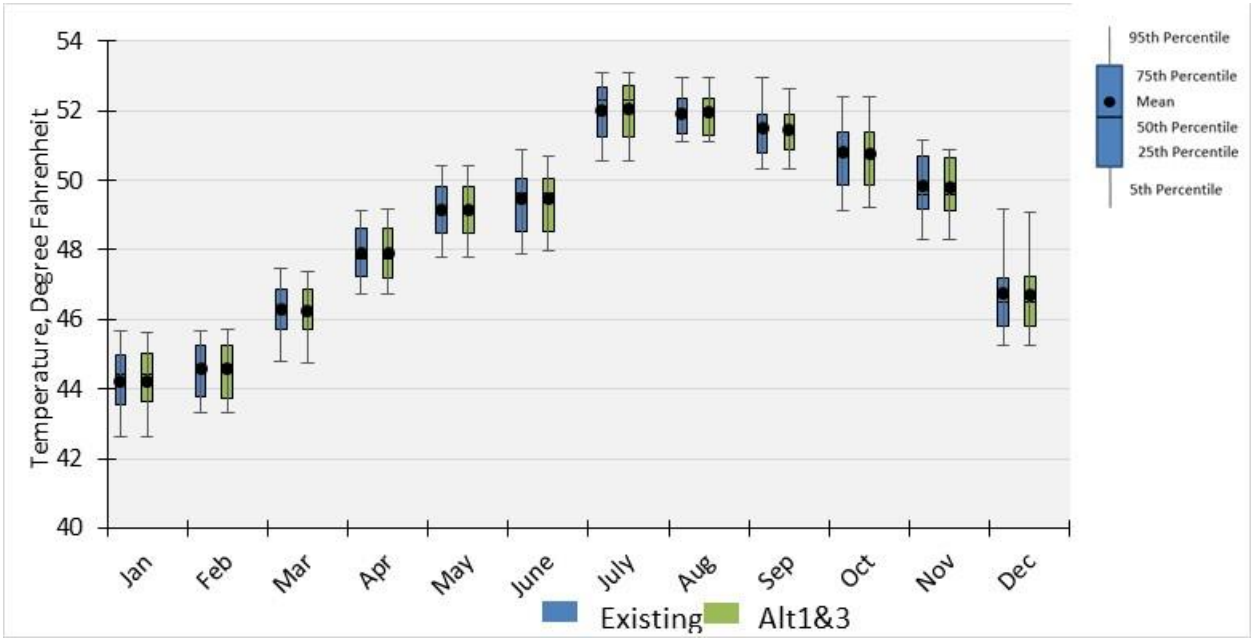


Figure 5A-D1.8.29. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



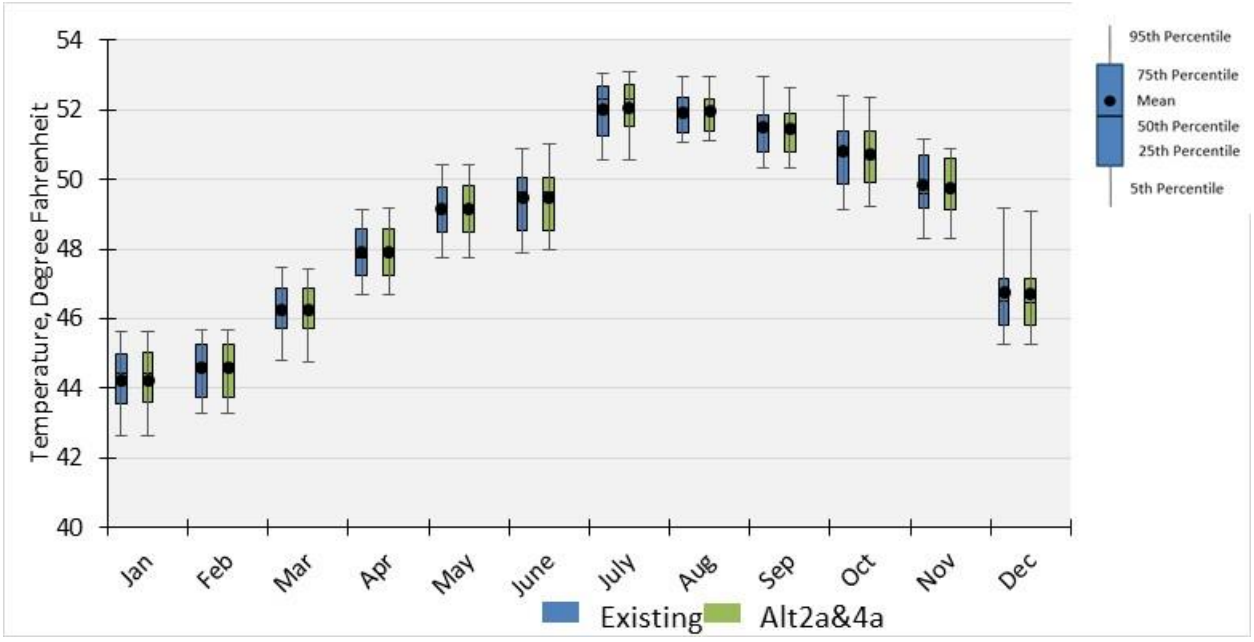


Figure 5A-D1.8.30. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

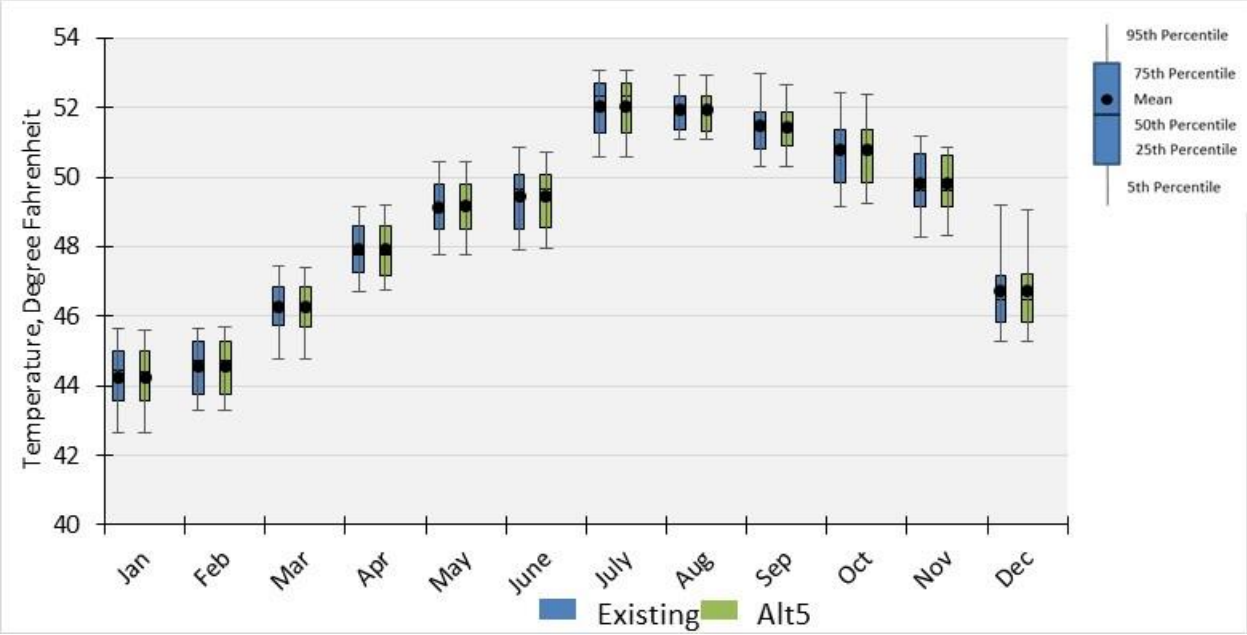
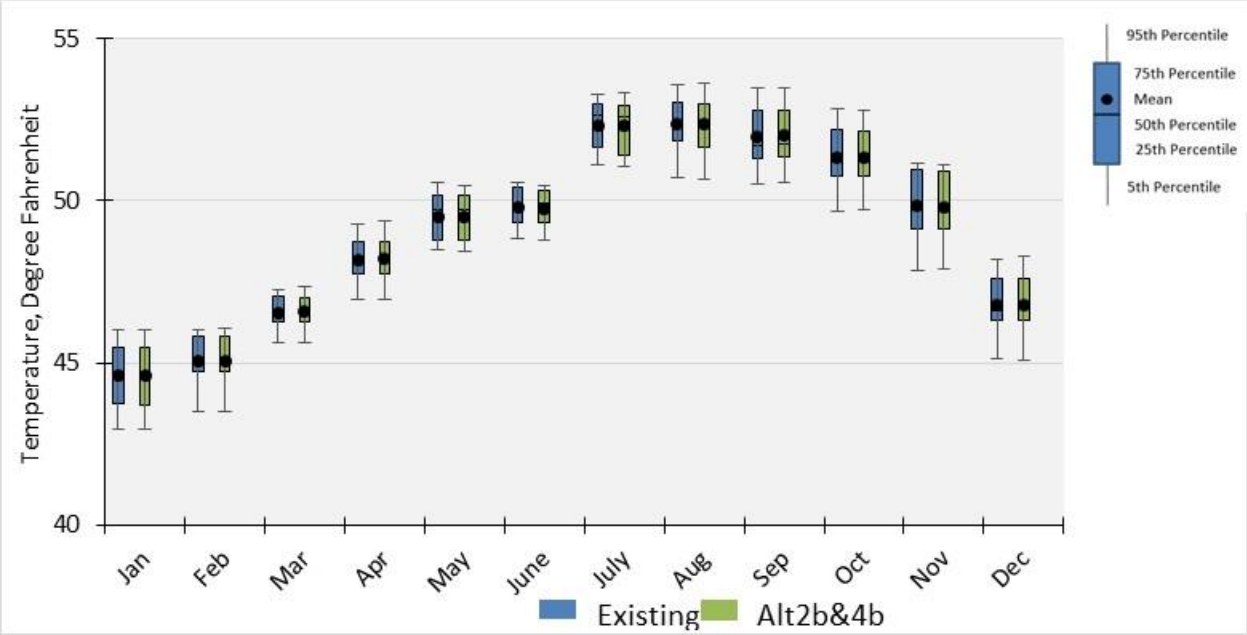


Figure 5A-D1.8.31. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



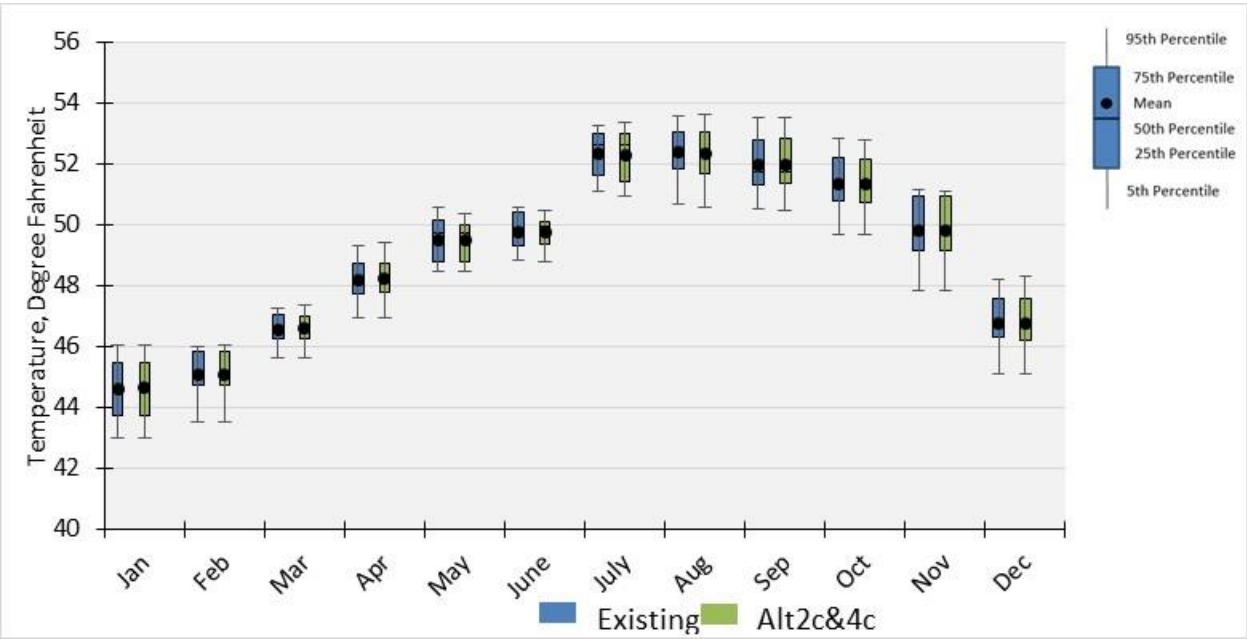
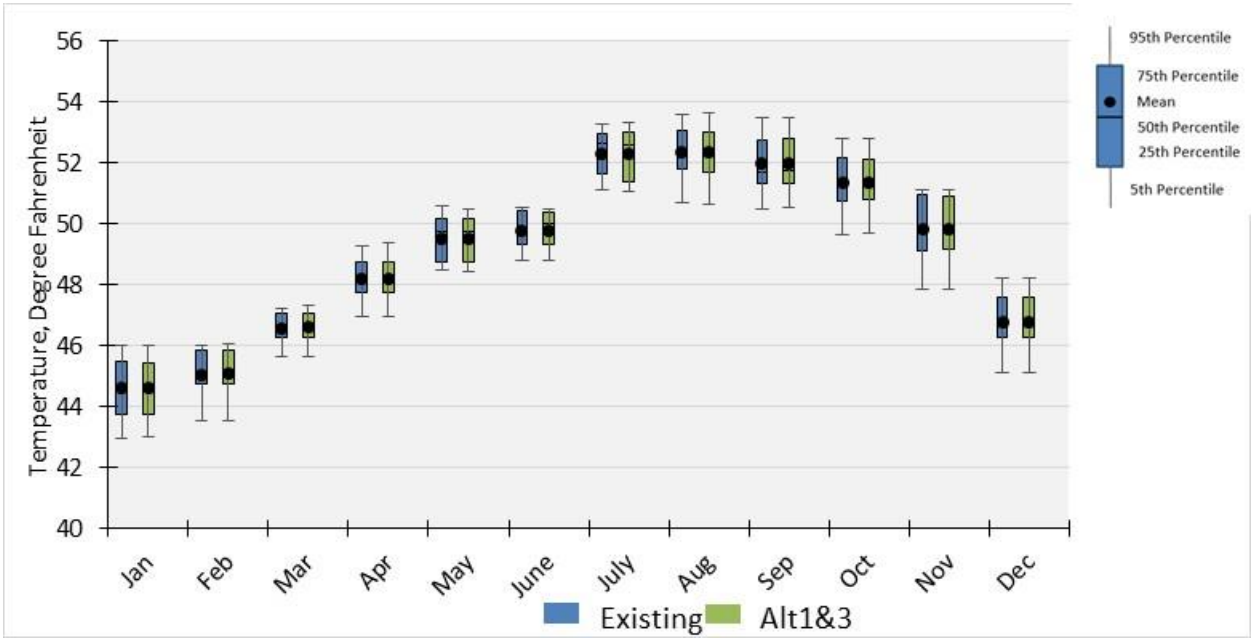


Figure 5A-D1.8.32. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



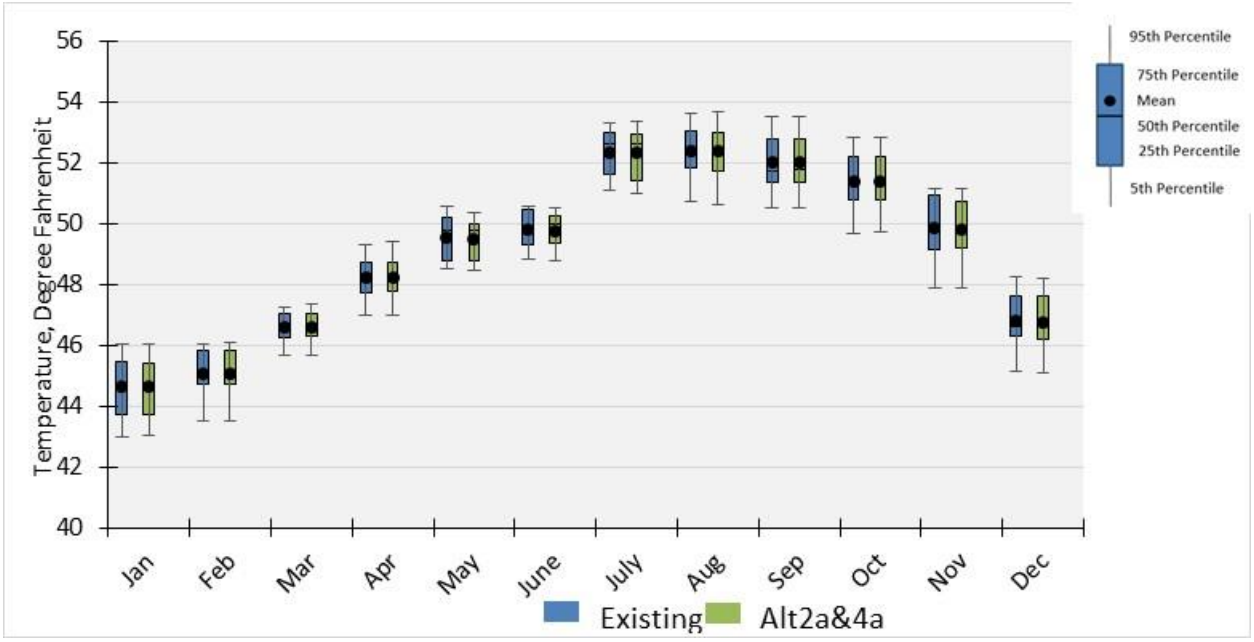


Figure 5A-D1.8.33. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

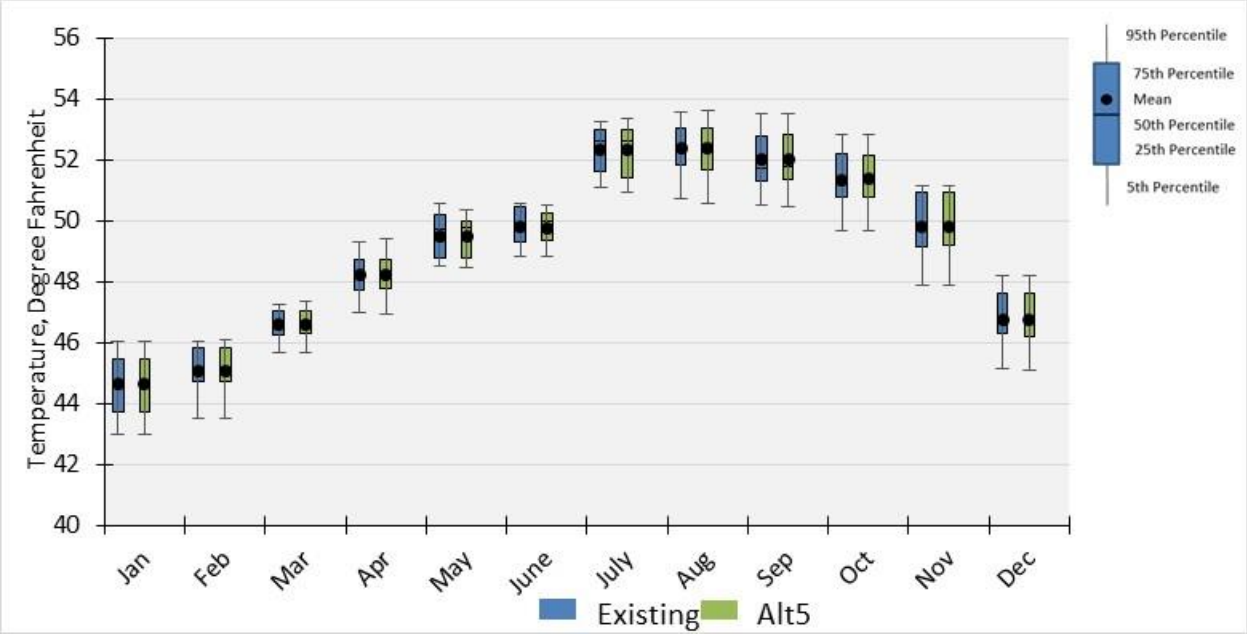
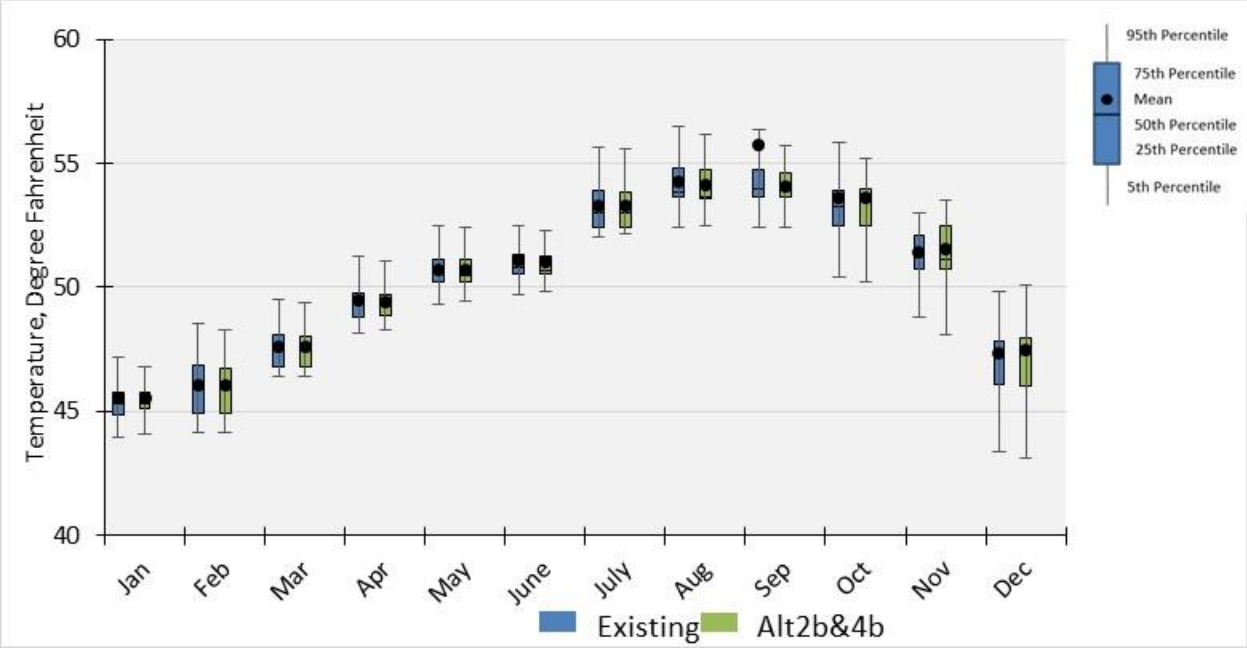


Figure 5A-D1.8.34. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



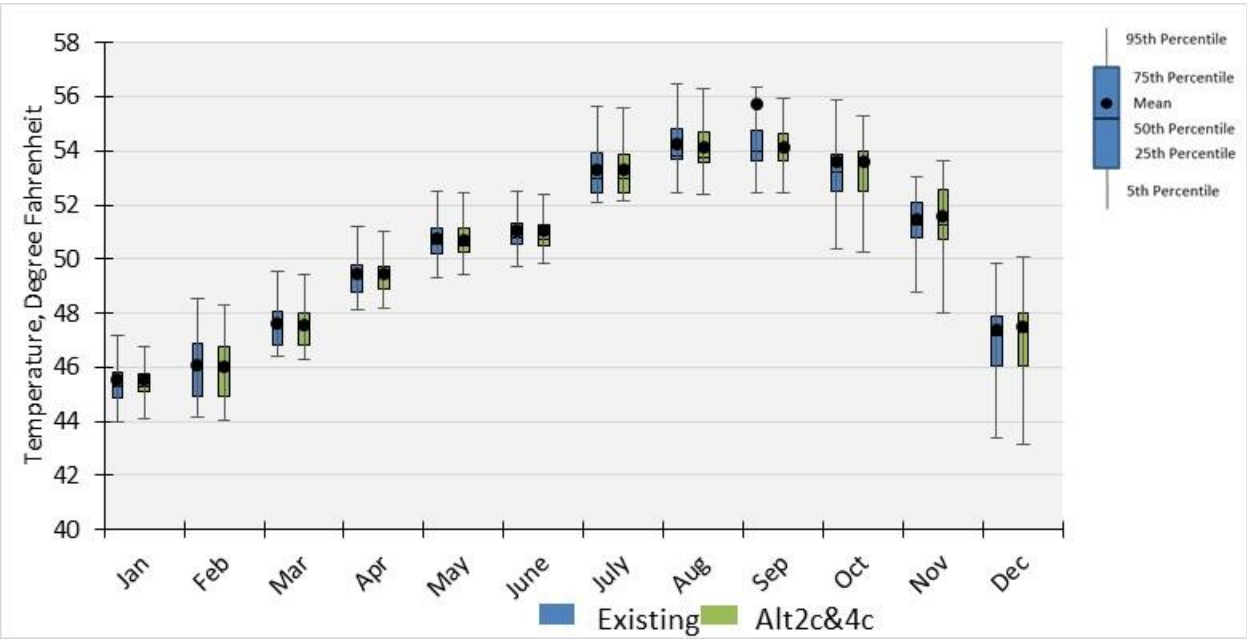
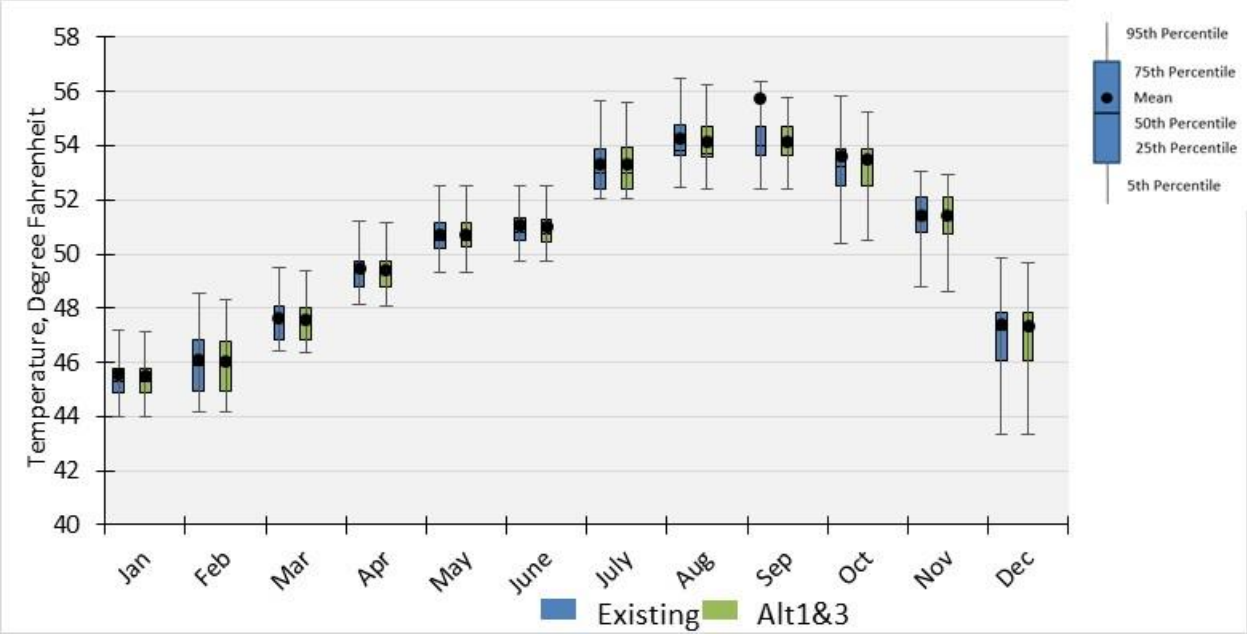


Figure 5A-D1.8.35. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



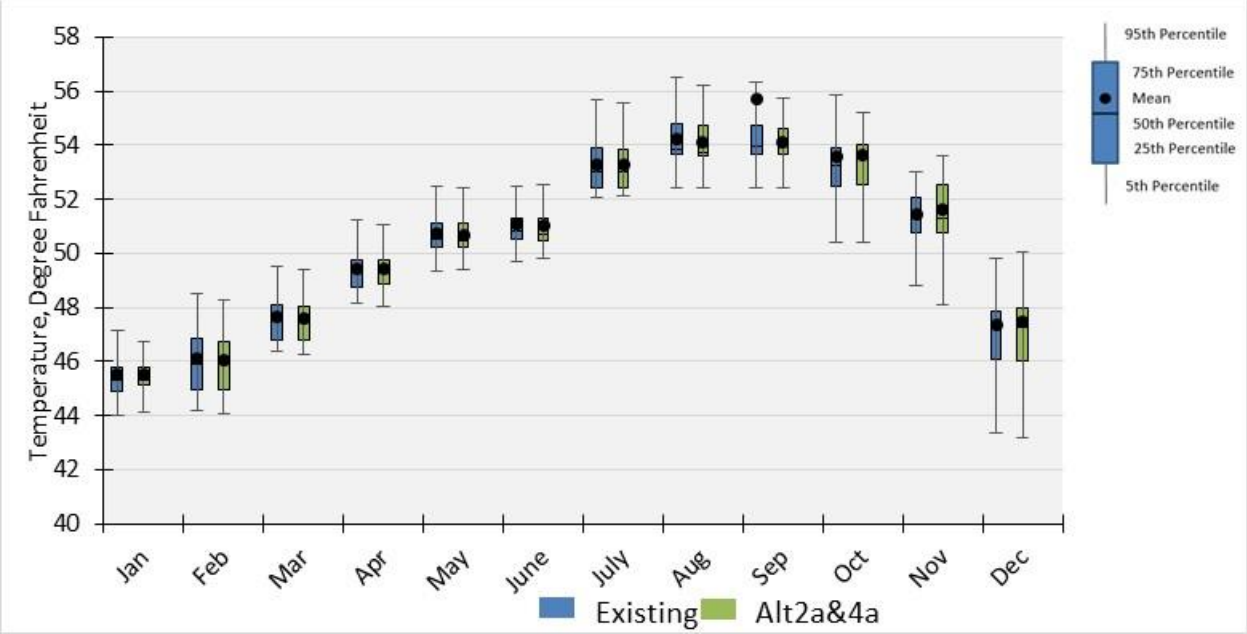


Figure 5A-D1.8.36. Clear Creek at Igo, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

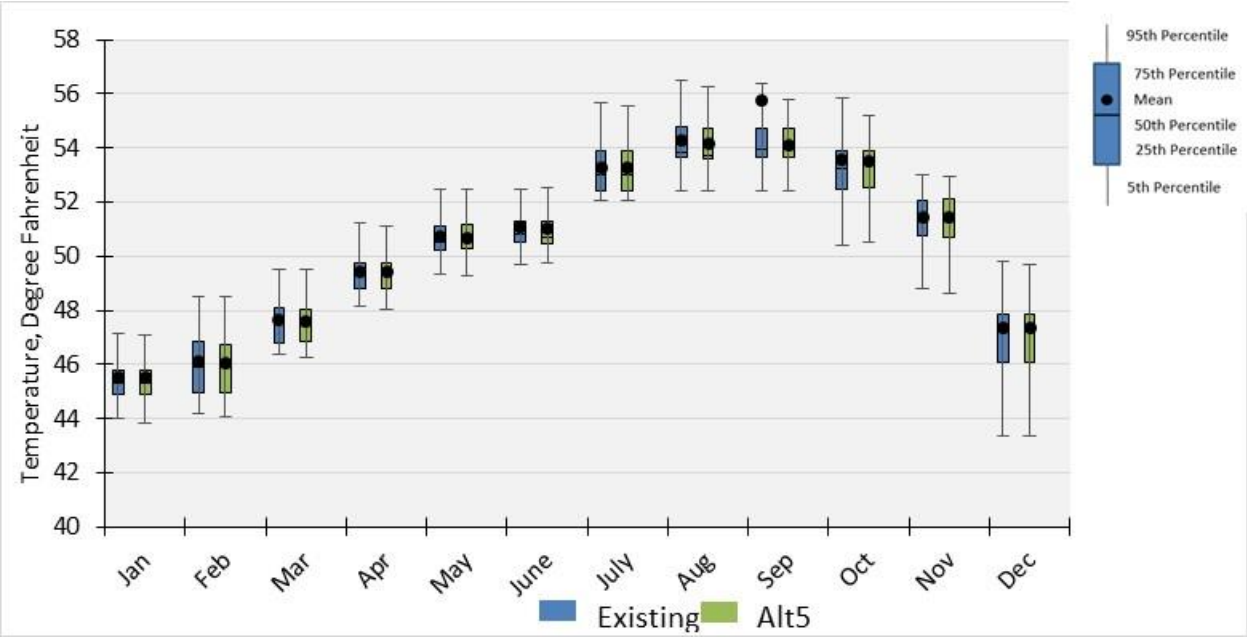
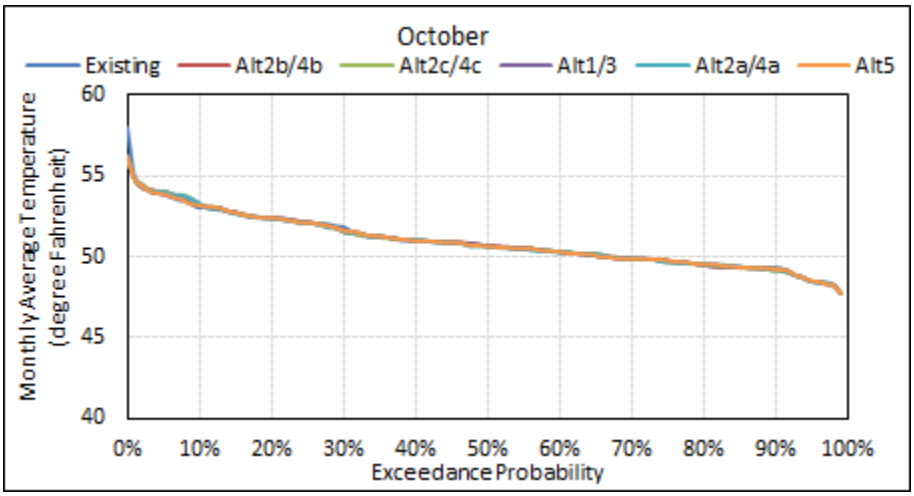
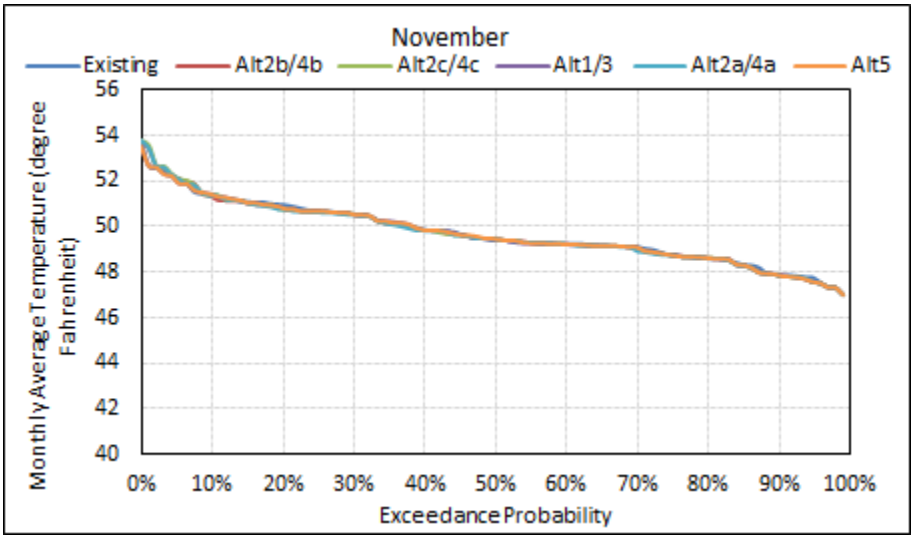


Figure 5A-D1.8.37-A. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





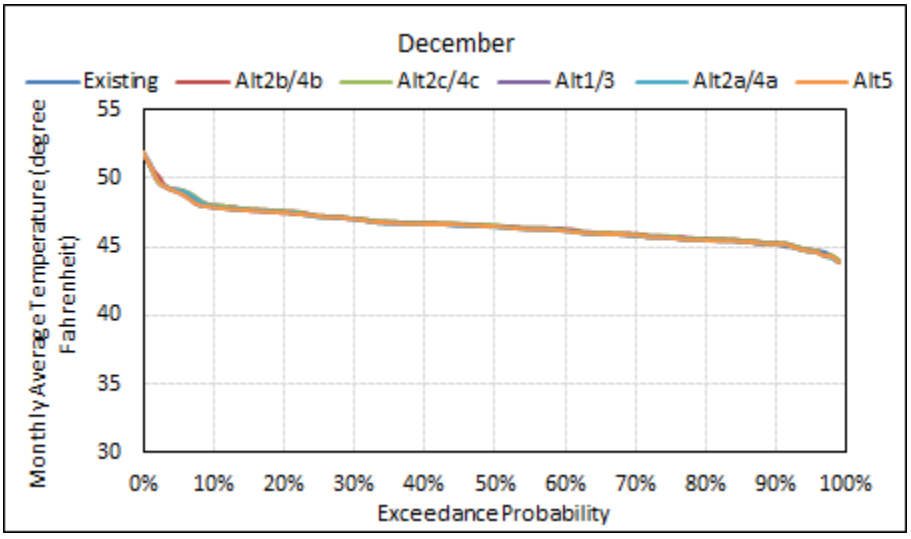
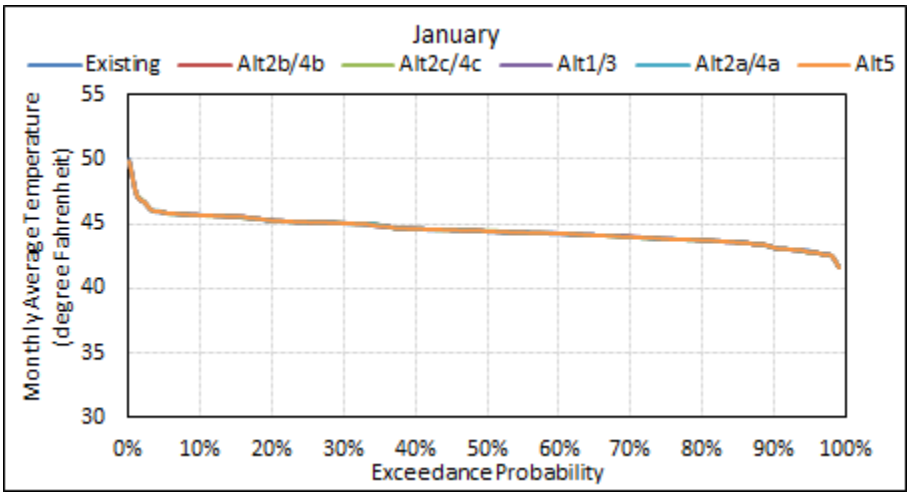
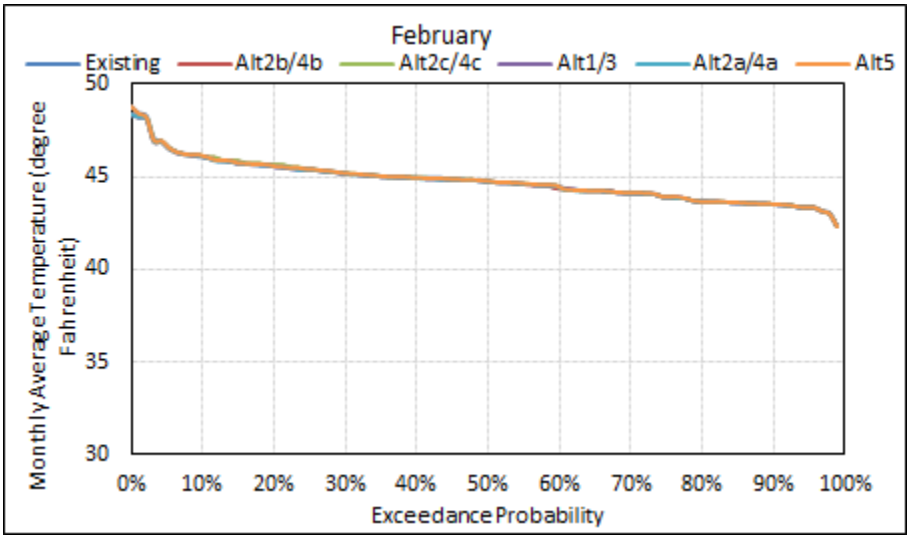


Figure 5A-D1.8.37-B. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





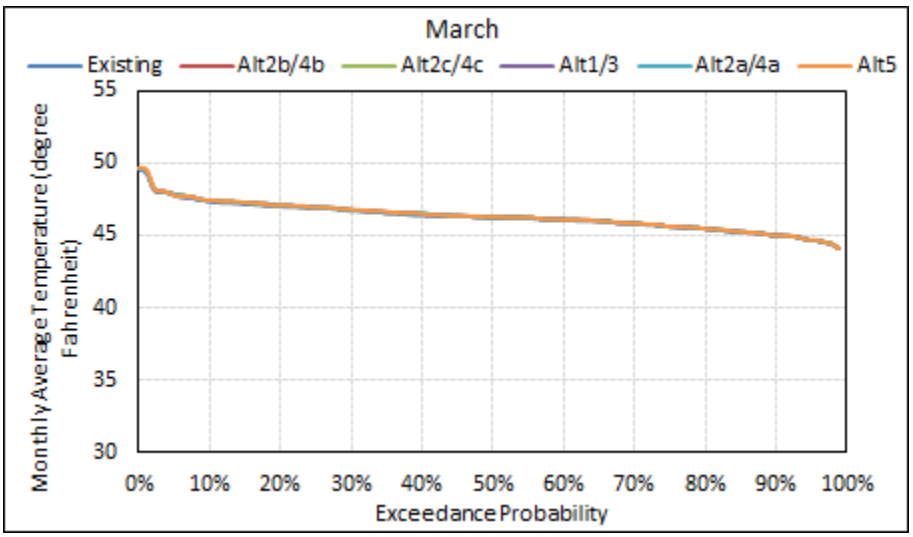
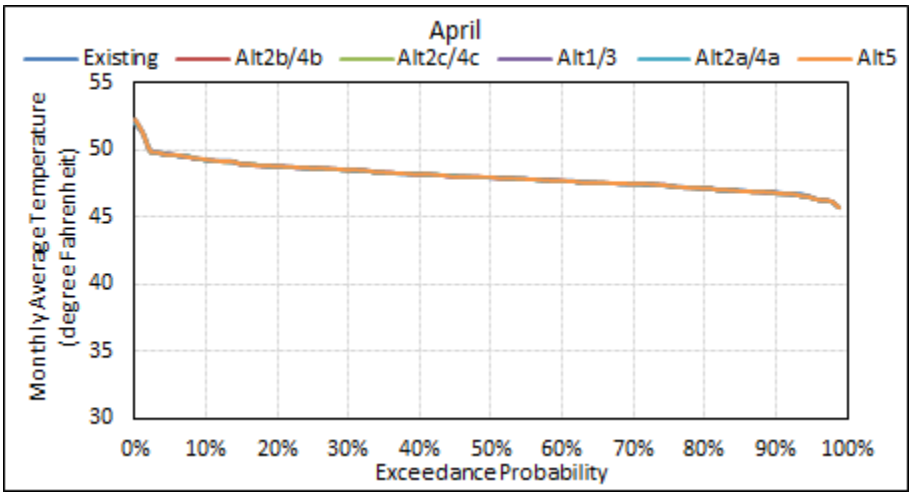
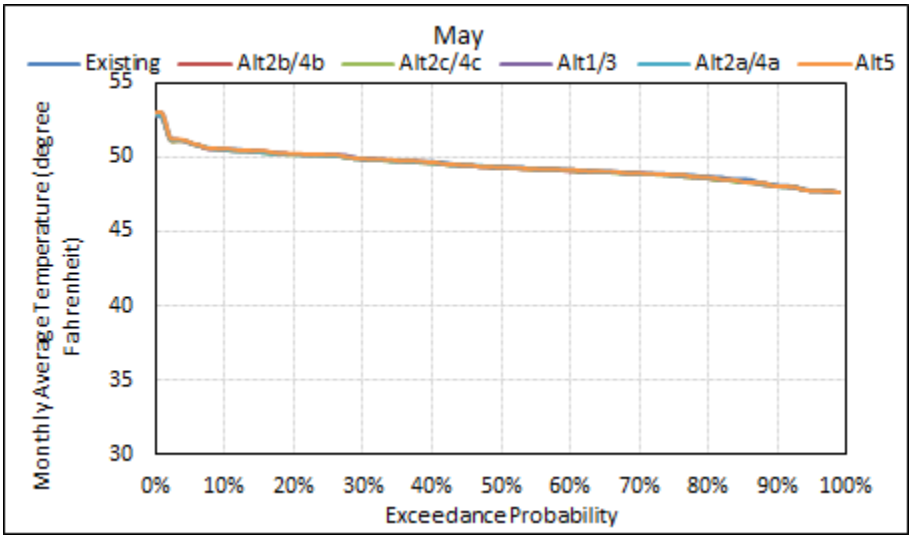


Figure 5A-D1.8.37-C. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





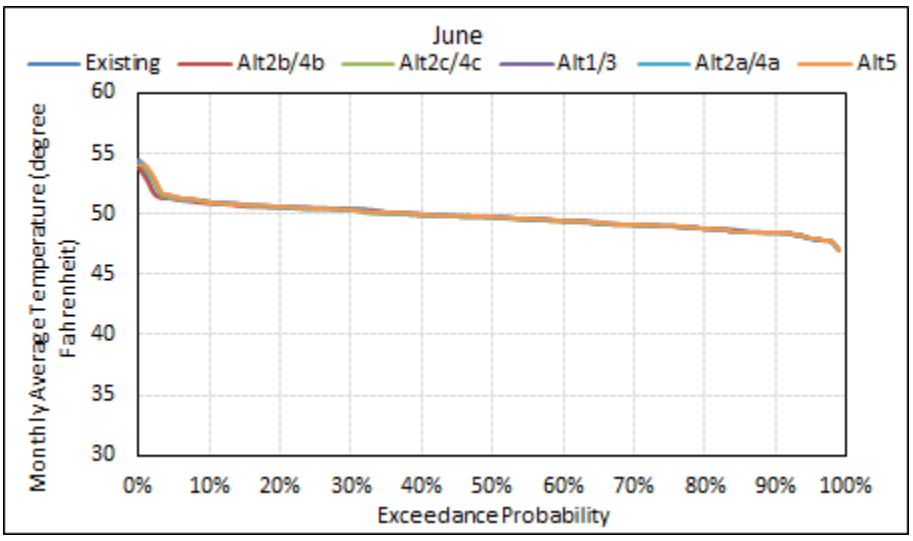
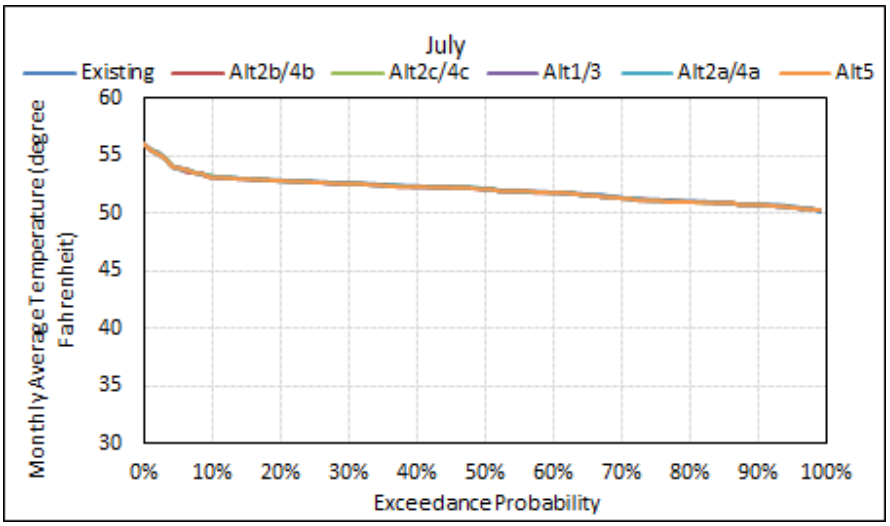
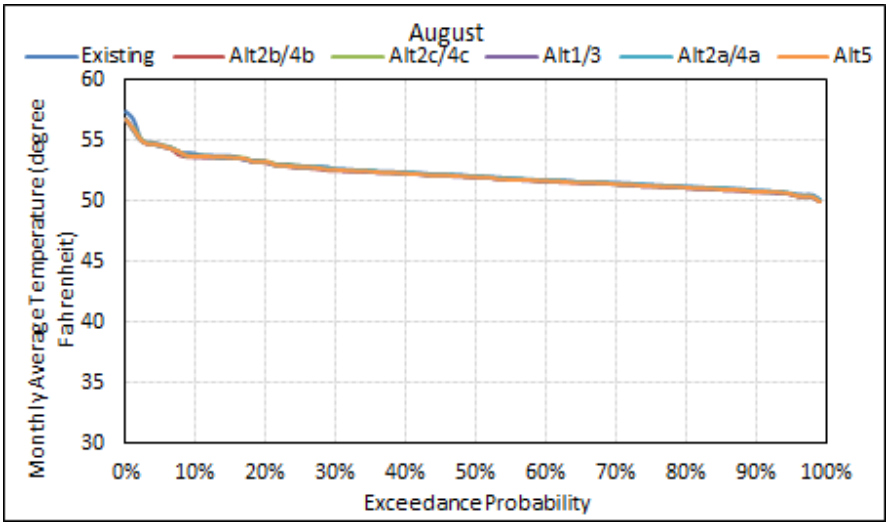


Figure 5A-D1.8.37-D. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





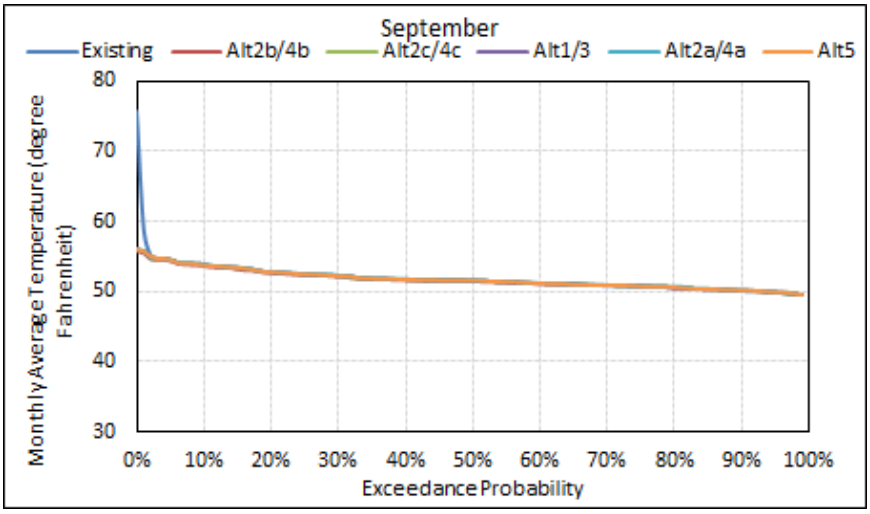


Figure 5A-D1.8.38. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

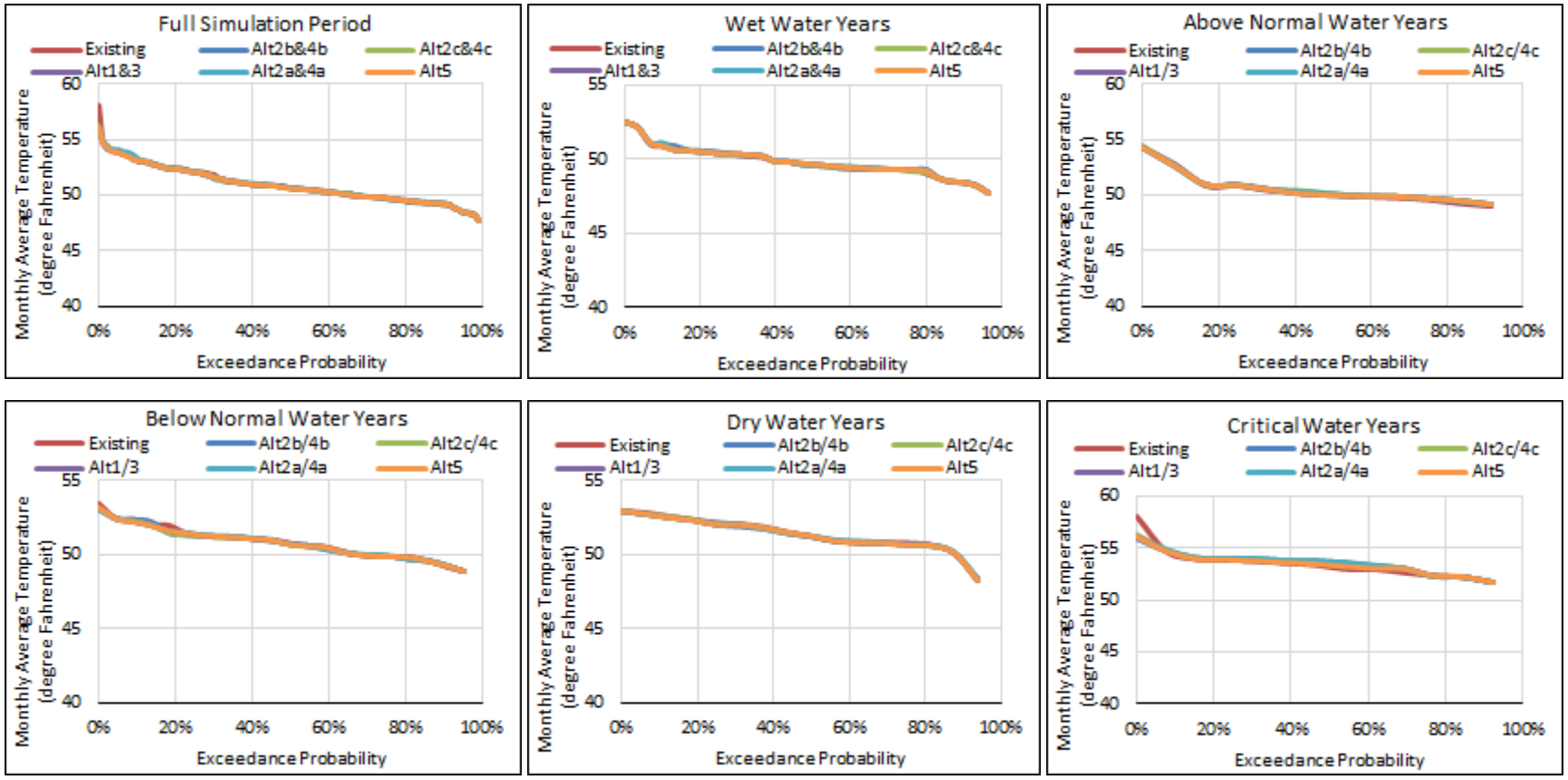


Figure 5A-D1.8.39. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

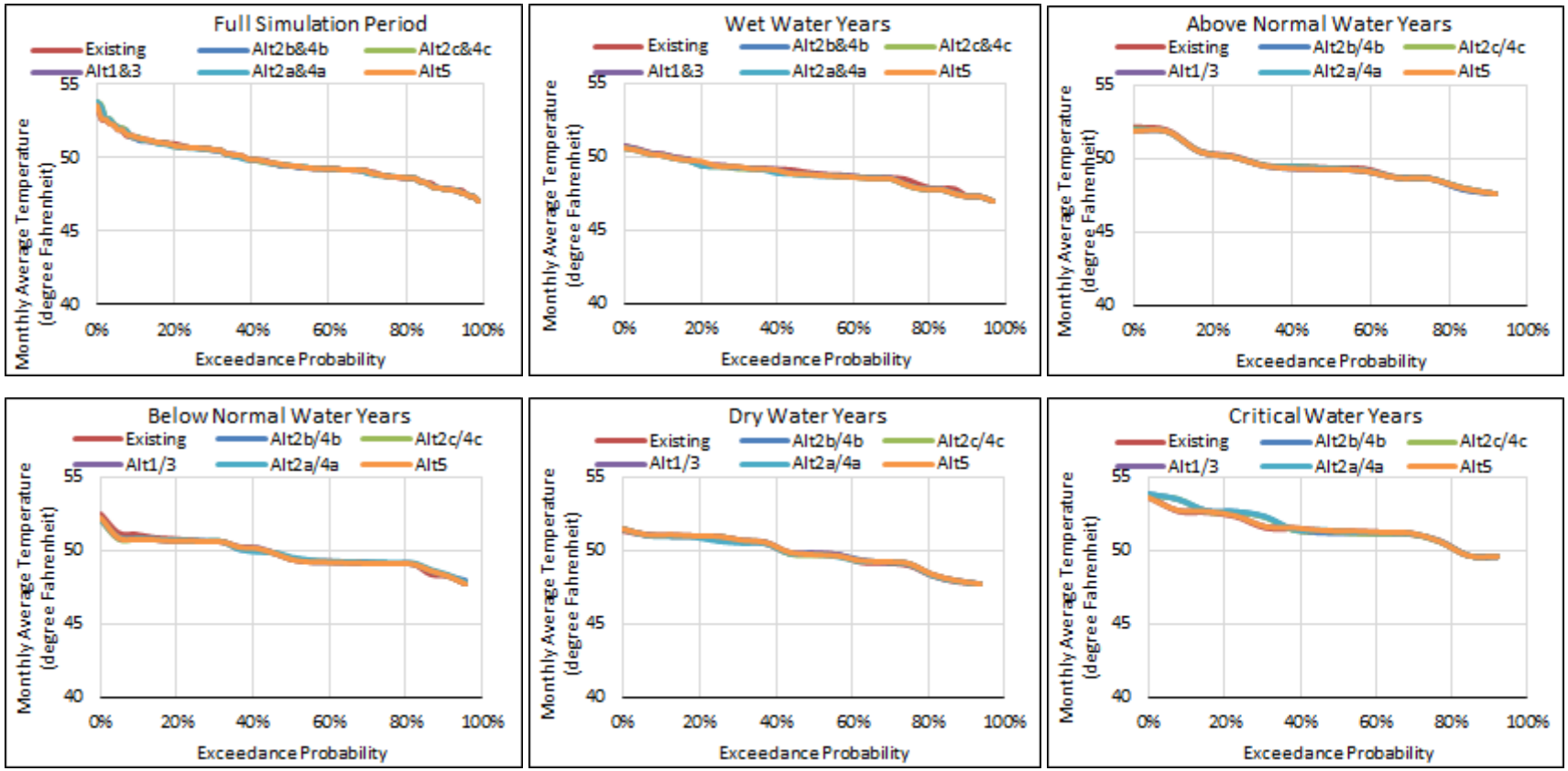


Figure 5A-D1.8.40. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

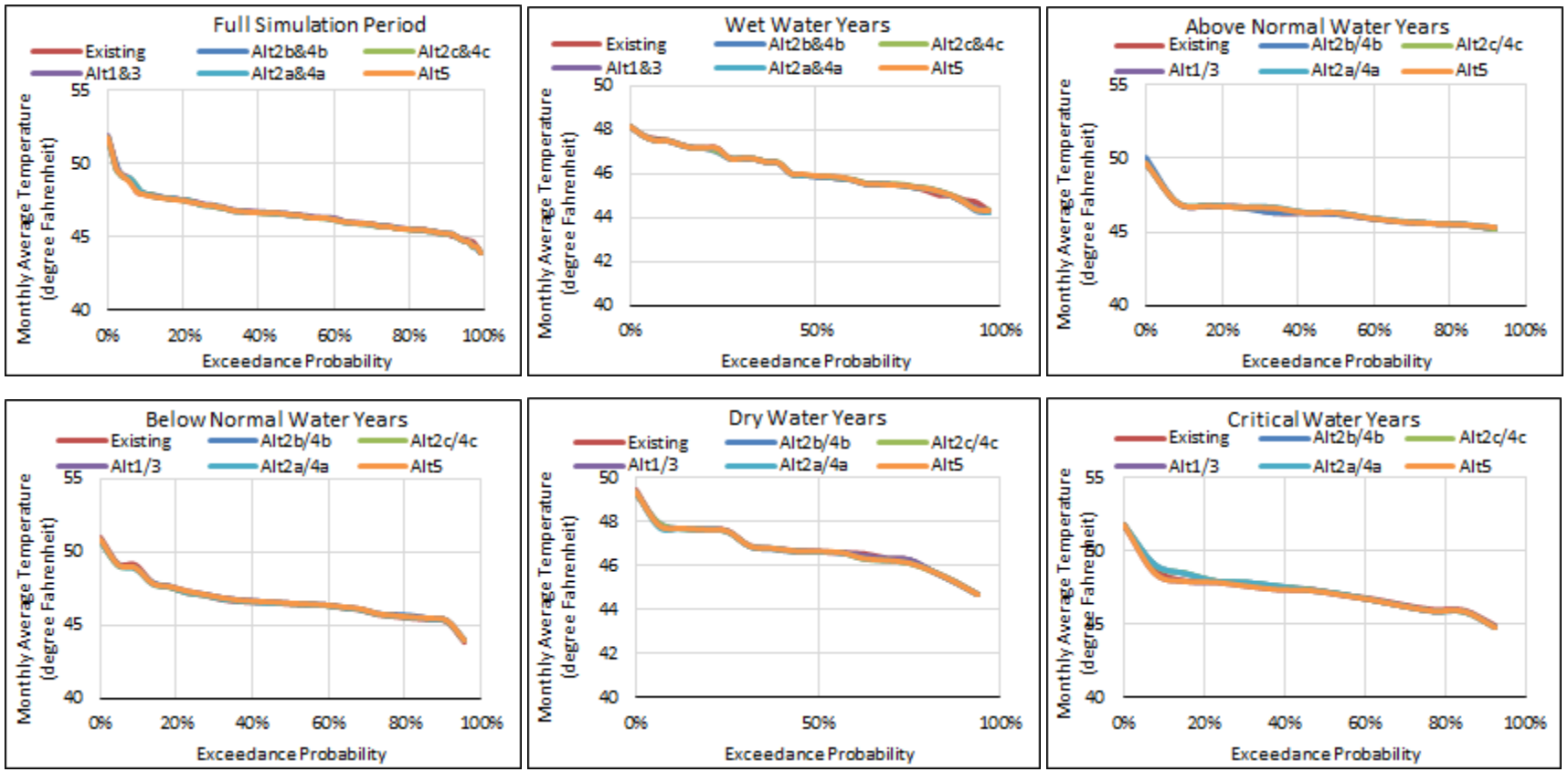


Figure 5A-D1.8.41. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

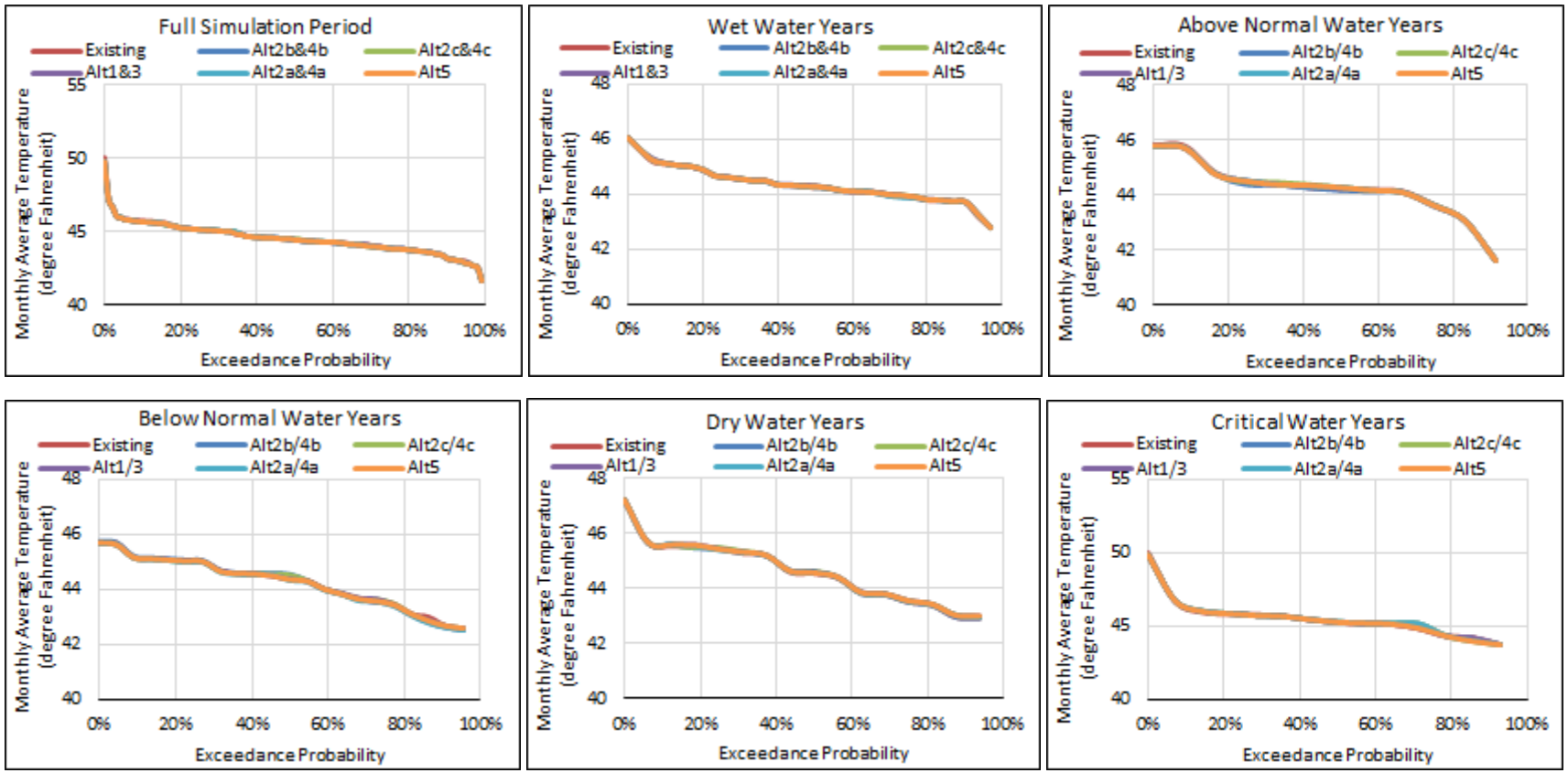


Figure 5A-D1.8.42. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

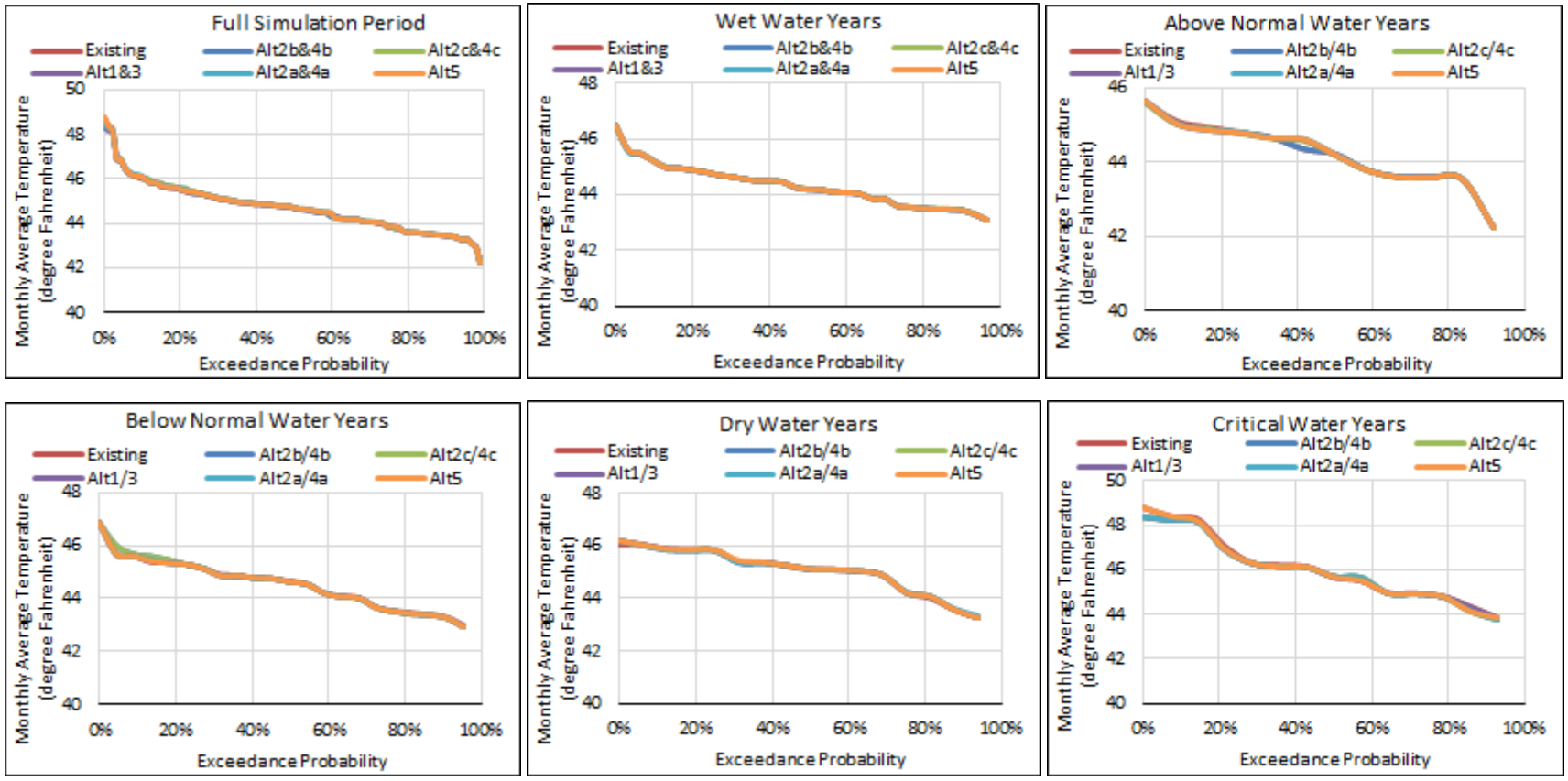


Figure 5A-D1.8.43. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

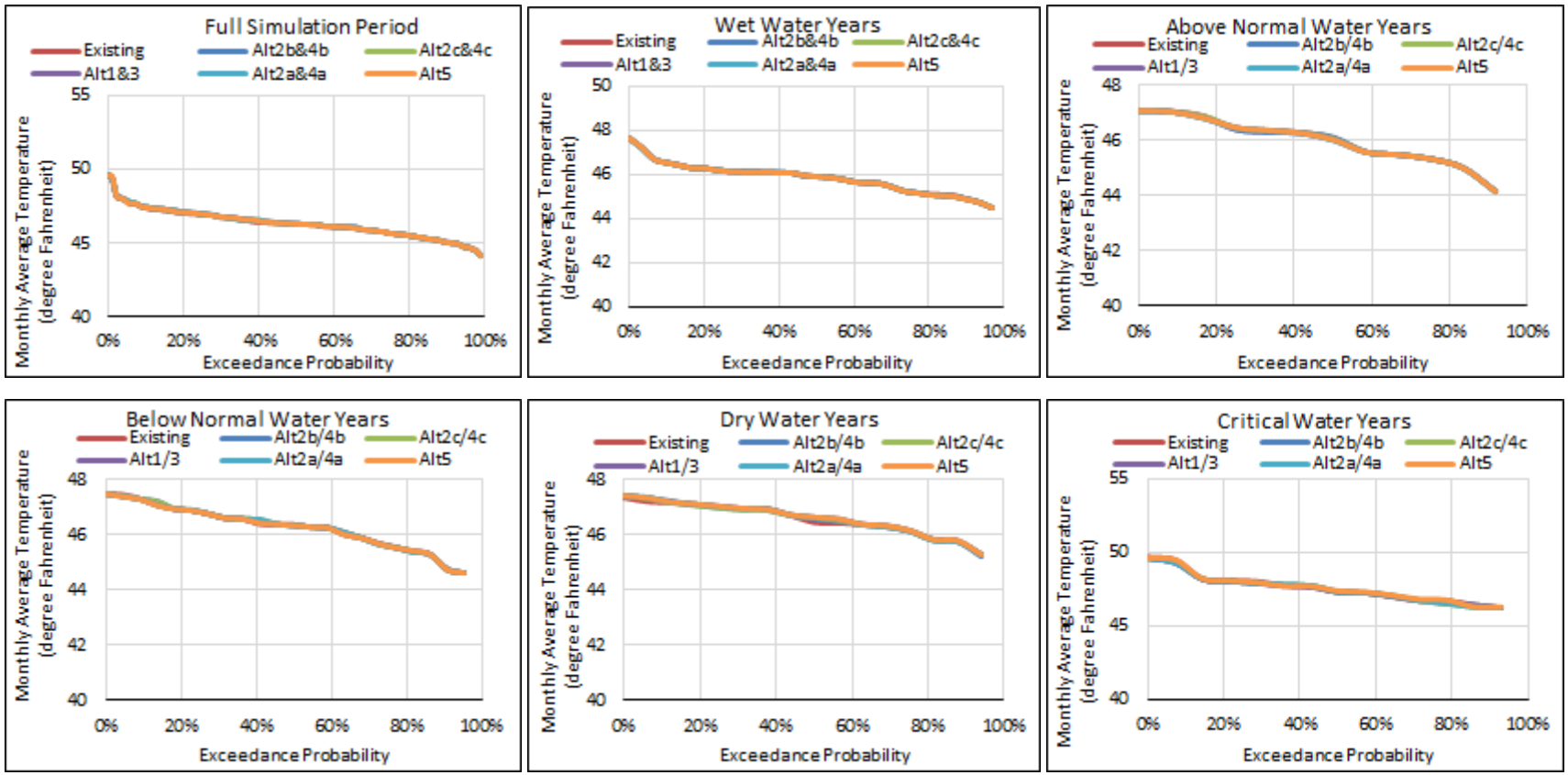


Figure 5A-D1.8.44. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

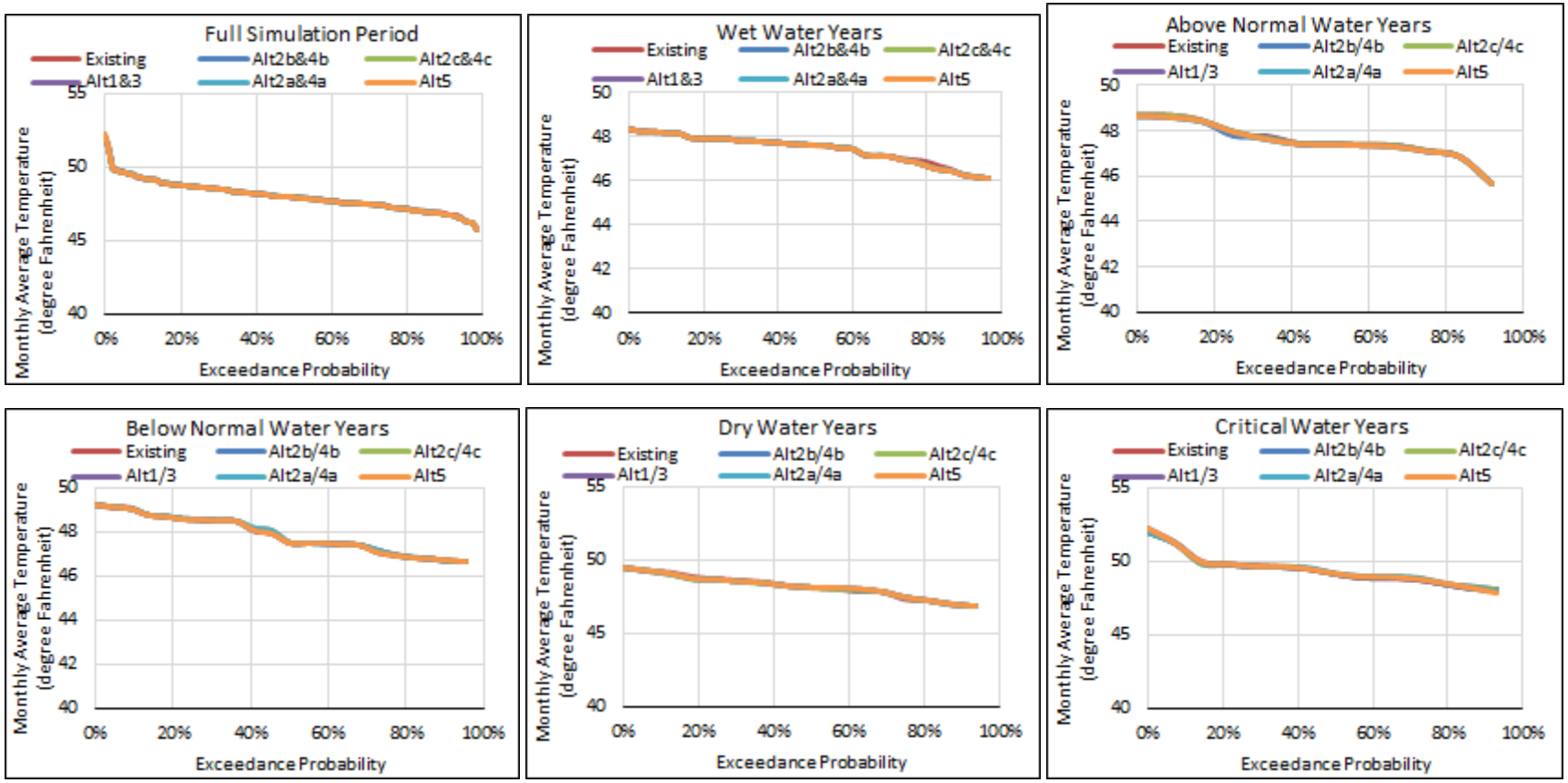


Figure 5A-D1.8.45. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

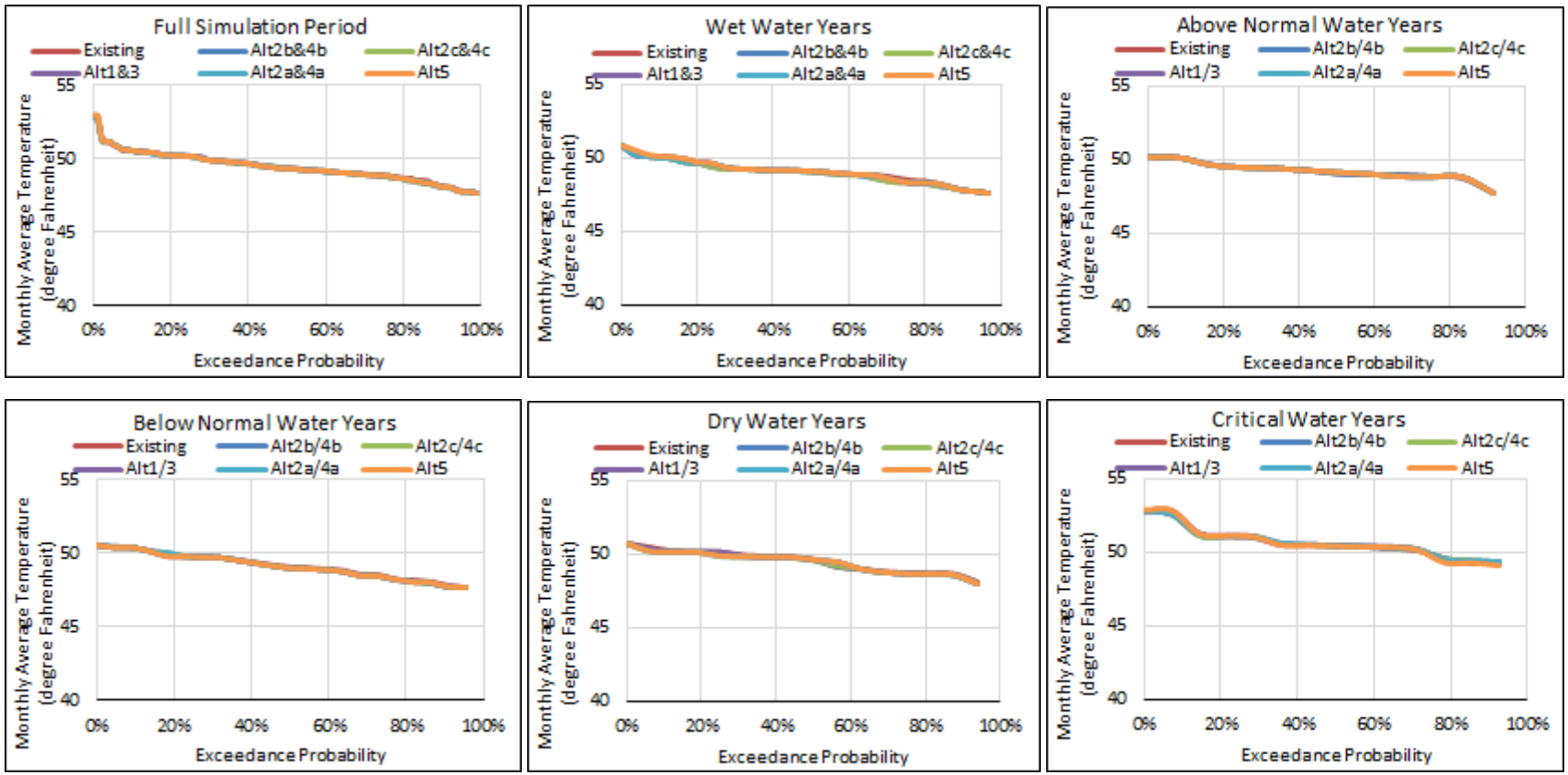


Figure 5A-D1.8.46. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

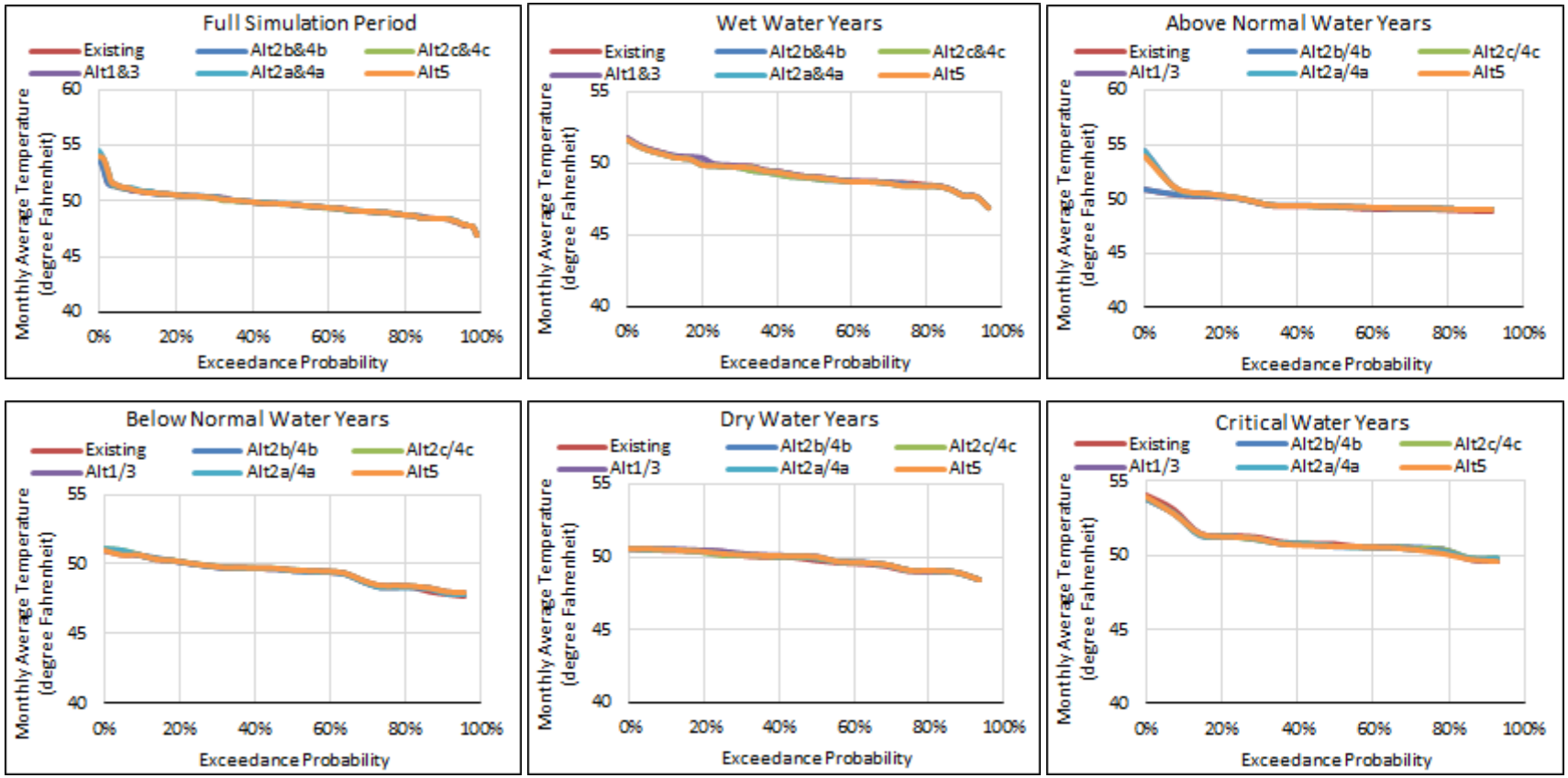


Figure 5A-D1.8.47. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

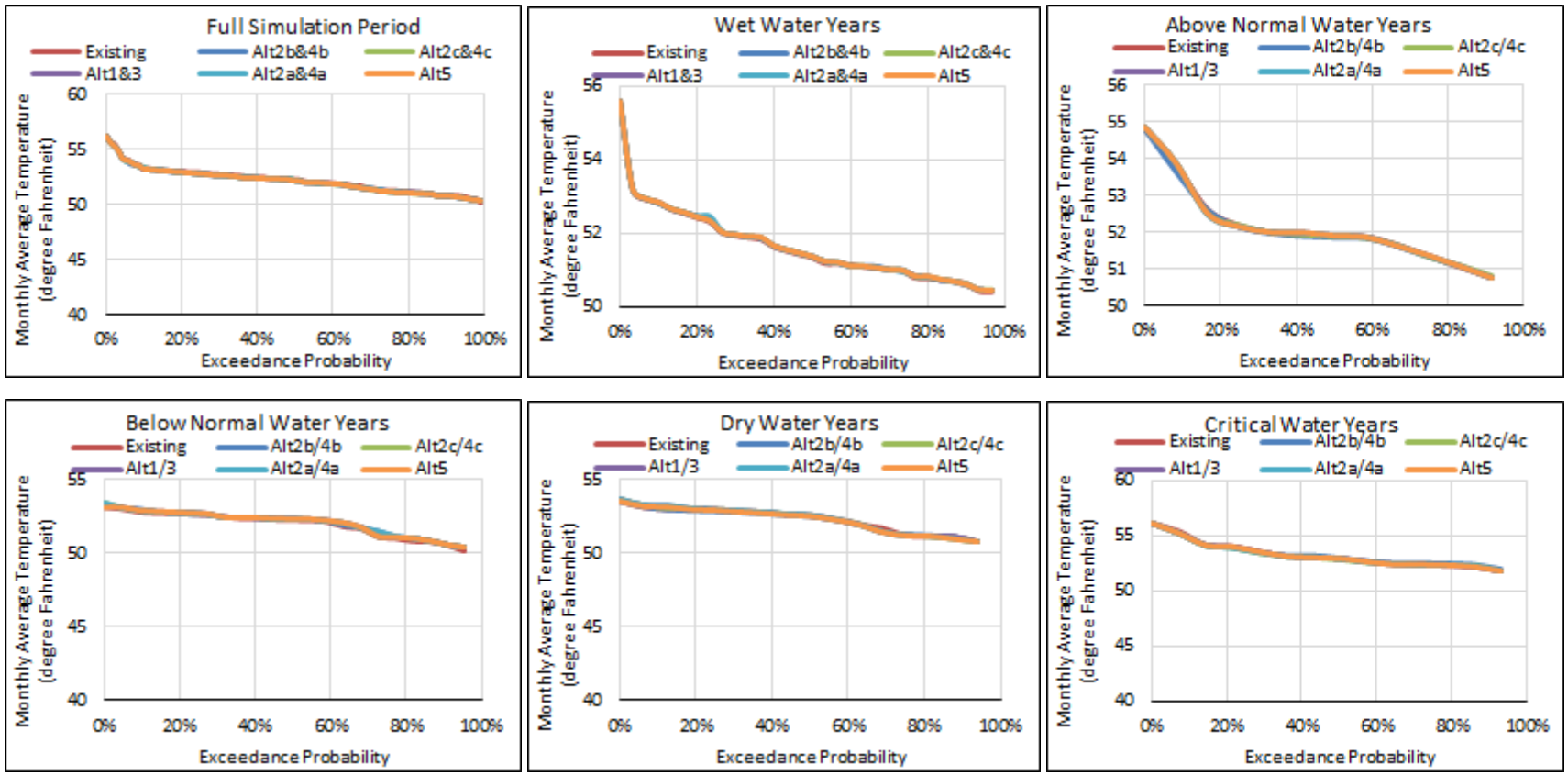


Figure 5A-D1.8.48. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

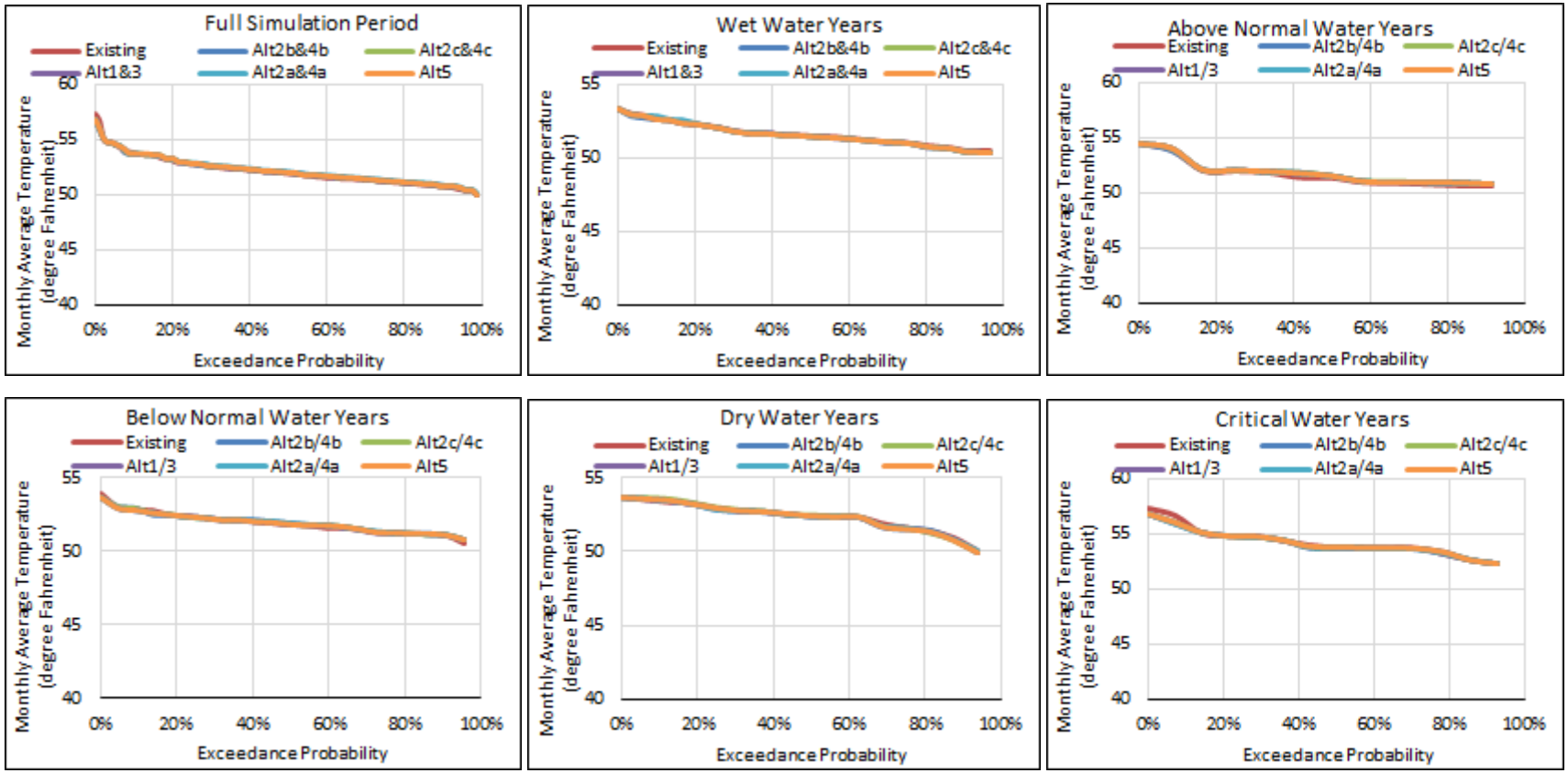
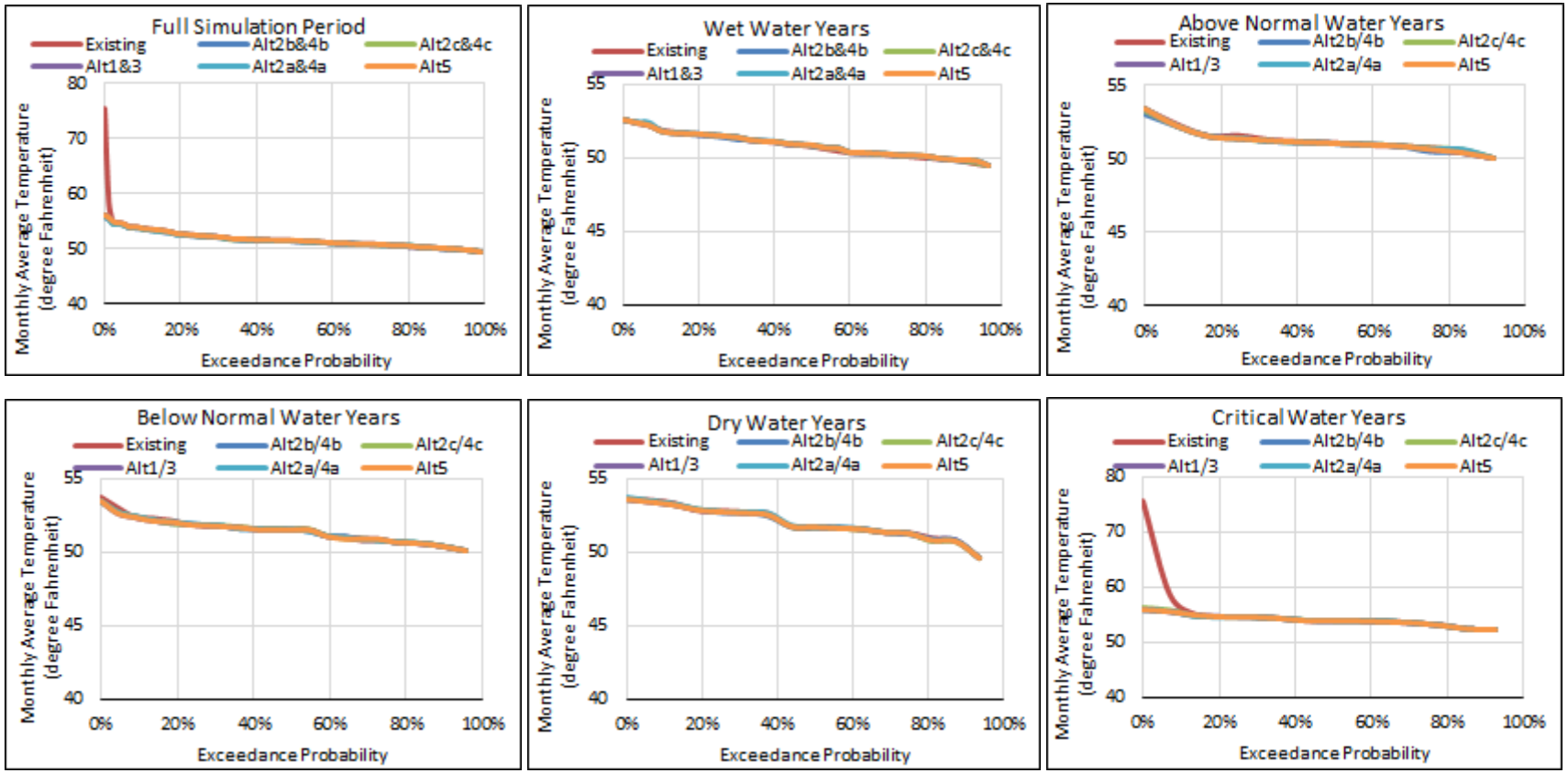


Figure 5A-D1.8.49. Clear Creek at Igo, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.9 Clear Creek at Spring Creek Tunnel

Table 5A-D1.9.1-A. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.2	54.8	52.3	49.8	48.3	48.6	49.3	50.3	51.2	52.3	53.3	53.7
20%	53.3	53.8	51.7	48.9	47.8	48.2	48.9	49.8	50.5	52.0	52.4	52.7
30%	52.7	52.8	50.8	48.2	47.2	47.7	48.6	49.5	50.0	51.4	51.8	52.1
40%	52.1	52.4	50.1	47.7	46.6	47.3	48.4	49.2	49.6	51.2	51.6	51.5
50%	51.7	51.8	49.6	47.0	46.1	47.1	48.0	48.9	32.9	50.8	51.2	51.3
60%	51.4	51.3	49.0	46.4	45.8	46.8	47.8	48.5	32.9	50.2	51.0	50.9
70%	50.9	51.0	48.6	45.9	45.5	46.5	47.4	48.2	32.9	50.0	50.7	50.7
80%	50.6	50.6	48.3	45.3	45.2	46.2	46.6	39.4	32.9	49.4	50.3	50.1
90%	50.2	50.2	47.8	45.0	44.8	45.8	40.6	32.9	32.9	32.9	49.7	49.8

Table 5A-D1.9.1-B. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.1	52.2	49.9	47.3	46.5	47.1	47.0	46.1	41.4	48.1	50.5	50.6
Wet Water Years	51.0	51.2	49.4	45.9	45.5	46.6	46.9	46.8	38.3	46.3	49.9	49.6
Above Normal Water Years	51.8	52.0	49.8	46.2	45.6	46.7	46.2	44.4	38.8	46.2	47.8	48.0
Below Normal Water Years	51.8	51.9	49.5	47.4	46.5	46.7	45.2	42.0	39.1	46.9	49.5	49.6
Dry Water Years	52.4	52.6	49.8	48.2	46.9	47.4	48.1	48.2	44.0	50.3	51.7	51.9
Critical Water Years	54.8	54.9	51.6	49.6	48.9	49.2	49.6	50.0	51.0	52.8	54.2	54.8

Table 5A-D1.9.1-C. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.9	54.9	52.3	49.7	48.5	48.6	49.2	50.1	51.1	52.3	53.7	53.5
20%	53.3	53.6	51.5	48.9	47.8	48.2	48.9	49.7	50.4	51.9	52.6	52.6
30%	52.8	52.7	50.9	48.3	47.2	47.7	48.6	49.5	50.0	51.4	51.8	52.2
40%	52.1	52.3	50.0	47.6	46.7	47.3	48.4	49.2	49.6	51.1	51.6	51.5
50%	51.7	51.8	49.6	47.0	46.1	47.1	48.0	48.9	32.9	50.8	51.3	51.3
60%	51.3	51.4	49.0	46.4	45.8	46.8	47.8	48.5	32.9	50.2	51.0	50.9
70%	51.0	51.0	48.6	45.9	45.5	46.5	47.3	48.1	32.9	50.0	50.7	50.7
80%	50.6	50.6	48.3	45.3	45.2	46.2	46.7	40.2	32.9	49.4	50.4	50.1
90%	50.2	50.2	47.8	45.0	44.8	45.7	41.7	32.9	32.9	32.9	49.9	49.8

Table 5A-D1.9.1-D. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	52.2	49.8	47.2	46.5	47.1	47.1	46.0	41.5	48.0	50.7	50.5
Wet Water Years	51.0	51.2	49.3	45.9	45.5	46.6	46.8	46.6	38.0	46.3	49.8	49.6
Above Normal Water Years	51.7	52.0	49.8	46.2	45.6	46.7	46.2	44.4	38.8	46.2	49.6	48.0
Below Normal Water Years	51.8	51.9	49.5	47.5	46.6	46.7	45.8	42.1	39.9	46.9	49.6	49.6
Dry Water Years	52.4	52.6	49.8	48.2	47.0	47.4	48.0	48.2	44.0	50.2	51.7	51.9
Critical Water Years	54.3	54.5	51.7	49.5	48.7	48.9	49.3	49.8	50.9	52.7	53.9	54.2

Table 5A-D1.9.1-E. Clear Creek at Spring Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3	0.1	0.0	-0.1	0.2	0.0	-0.1	-0.1	-0.1	0.0	0.4	-0.2
20%	-0.1	-0.2	-0.2	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	-0.1
30%	0.0	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
40%	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
50%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0
60%	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
70%	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%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.0	0.0	0.0
90%	0.1	0.0	0.0	0.0	0.0	-0.1	1.1	0.0	0.0	0.0	0.3	0.0

Table 5A-D1.9.1-F. Clear Creek at Spring Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	0.2	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.3	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0
Below Normal Water Years	0.0	0.0	-0.1	0.0	0.1	0.1	0.6	0.1	0.7	0.0	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Critical Water Years	-0.5	-0.4	0.1	-0.1	-0.2	-0.2	-0.2	-0.3	-0.1	-0.1	-0.4	-0.6

Table 5A-D1.9.1-G. Clear Creek at Spring Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	0.2%	-0.1%	-0.1%	0.4%	-0.1%	-0.2%	-0.2%	-0.2%	0.0%	0.8%	-0.4%
20%	-0.2%	-0.4%	-0.3%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	-0.1%	0.4%	-0.1%
30%	0.1%	-0.1%	0.3%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%
40%	0.0%	-0.3%	-0.1%	-0.2%	0.1%	-0.1%	-0.1%	0.0%	0.1%	-0.2%	0.0%	0.0%
50%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%
60%	-0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%
70%	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%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	2.0%	0.0%	-0.1%	0.0%	0.0%
90%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.3%	2.6%	0.0%	0.0%	0.0%	0.5%	0.0%

Table 5A-D1.9.1-H. Clear Creek at Spring Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.2%	0.1%	-0.1%	0.4%	-0.2%
Wet Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.8%	-0.1%	-0.1%	0.1%
Above Normal Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.7%	0.0%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.1%	0.2%	0.1%	1.3%	0.3%	1.9%	0.0%	0.2%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	-0.1%	-0.2%	-0.1%	-0.1%	0.0%	0.0%
Critical Water Years	-0.9%	-0.8%	0.1%	-0.2%	-0.4%	-0.5%	-0.5%	-0.5%	-0.2%	-0.2%	-0.7%	-1.1%

Table 5A-D1.9.2-A. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.9	54.7	52.3	49.7	48.4	48.6	49.2	50.1	51.1	52.3	53.6	53.6
20%	53.3	53.6	51.5	48.9	47.7	48.2	48.9	49.7	50.4	52.0	52.4	52.6
30%	52.6	52.8	50.9	48.3	47.2	47.7	48.6	49.5	50.0	51.4	51.8	52.1
40%	52.1	52.3	50.0	47.6	46.7	47.3	48.3	49.2	49.6	51.1	51.6	51.5
50%	51.7	51.8	49.6	47.0	46.1	47.1	48.0	48.8	32.9	50.7	51.2	51.3
60%	51.4	51.4	49.0	46.4	45.8	46.8	47.9	48.5	32.9	50.2	51.0	50.9
70%	50.9	51.0	48.6	45.9	45.6	46.5	47.3	48.2	32.9	50.0	50.7	50.7
80%	50.6	50.7	48.3	45.3	45.2	46.2	46.7	40.2	32.9	49.4	50.4	50.2
90%	50.2	50.2	47.8	45.0	44.8	45.7	41.7	32.9	32.9	32.9	49.9	49.8

Table 5A-D1.9.2-B. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	52.1	49.8	47.2	46.5	47.1	47.1	46.0	41.6	48.1	50.7	50.5
Wet Water Years	51.0	51.2	49.3	45.9	45.5	46.6	46.8	46.6	38.5	46.3	49.9	49.6
Above Normal Water Years	51.8	52.1	49.9	46.2	45.7	46.7	46.2	44.4	39.7	46.5	49.7	48.0
Below Normal Water Years	51.7	51.9	49.4	47.4	46.5	46.7	45.8	42.1	39.1	46.9	49.5	49.6
Dry Water Years	52.3	52.6	49.8	48.2	47.0	47.4	47.9	47.9	43.8	50.2	51.6	51.9
Critical Water Years	54.3	54.4	51.5	49.3	48.6	48.9	49.3	49.8	50.9	52.7	53.9	54.2

Table 5A-D1.9.2-C. Clear Creek at Spring Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	0.0	0.0	0.1	-0.1	-0.1	-0.1	-0.2	0.0	0.4	-0.1
20%	0.0	-0.2	-0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	-0.1
30%	-0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	-0.2	-0.1	-0.1	0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.0	0.0	0.1
90%	0.1	0.0	0.0	0.0	0.0	-0.1	1.1	0.0	0.0	0.0	0.3	0.0

Table 5A-D1.9.2-D. Clear Creek at Spring Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.2	0.0	0.2	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.3	0.0	0.0	0.0
Above Normal Water Years	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.9	0.3	1.8	0.0
Below Normal Water Years	0.0	0.0	-0.1	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	-0.4	-0.2	-0.1	0.0	0.0
Critical Water Years	-0.5	-0.5	-0.1	-0.3	-0.3	-0.3	-0.3	-0.2	-0.1	-0.1	-0.3	-0.6

Table 5A-D1.9.2-E. Clear Creek at Spring Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.4%	0.0%	-0.1%	-0.1%	0.2%	-0.1%	-0.2%	-0.2%	-0.3%	0.1%	0.7%	-0.3%
20%	0.0%	-0.4%	-0.3%	0.1%	-0.1%	-0.1%	0.0%	-0.2%	-0.1%	0.0%	0.1%	-0.1%
30%	-0.2%	-0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
40%	-0.1%	-0.3%	-0.1%	-0.2%	0.2%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.0%	0.0%
50%	-0.1%	0.1%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
60%	-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%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
80%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	2.0%	0.0%	0.0%	0.1%	0.2%
90%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.3%	2.6%	0.0%	0.0%	0.0%	0.6%	0.0%

Table 5A-D1.9.2-F. Clear Creek at Spring Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	0.1%	-0.3%	0.4%	0.0%	0.3%	-0.2%
Wet Water Years	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.7%	-0.1%	0.0%	0.0%
Above Normal Water Years	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	2.4%	0.6%	3.8%	0.0%
Below Normal Water Years	-0.1%	-0.1%	-0.2%	0.0%	0.0%	0.0%	1.3%	0.4%	0.0%	0.0%	0.0%	-0.1%
Dry Water Years	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.1%	-0.4%	-0.8%	-0.4%	-0.1%	0.0%	0.0%
Critical Water Years	-0.9%	-1.0%	-0.2%	-0.6%	-0.6%	-0.6%	-0.5%	-0.5%	-0.2%	-0.1%	-0.6%	-1.1%

Table 5A-D1.9.3-A. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.9	54.6	52.1	49.8	48.5	48.6	49.2	50.2	51.1	52.3	53.2	53.6
20%	53.3	53.6	51.6	48.9	47.8	48.3	48.9	49.7	50.5	52.0	52.3	52.6
30%	52.6	52.8	50.9	48.3	47.2	47.7	48.6	49.5	50.0	51.4	51.8	52.1
40%	52.2	52.4	50.1	47.7	46.7	47.3	48.4	49.3	49.6	51.2	51.6	51.5
50%	51.7	51.8	49.5	47.0	46.1	47.2	48.0	48.9	32.9	50.8	51.2	51.3
60%	51.3	51.4	49.0	46.4	45.8	46.8	47.8	48.5	32.9	50.2	51.0	51.0
70%	51.0	51.0	48.6	45.9	45.6	46.5	47.3	48.2	32.9	50.0	50.7	50.8
80%	50.7	50.7	48.3	45.3	45.2	46.2	46.7	40.2	32.9	49.4	50.4	50.2
90%	50.3	50.3	47.8	45.0	44.8	45.7	41.7	32.9	32.9	32.9	49.9	49.8

Table 5A-D1.9.3-B. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	52.2	49.8	47.2	46.5	47.1	47.1	46.1	41.7	48.1	50.6	50.5
Wet Water Years	51.1	51.2	49.3	45.9	45.5	46.6	46.8	46.8	38.8	46.3	49.9	49.6
Above Normal Water Years	51.8	52.0	49.9	46.2	45.6	46.7	46.2	44.4	39.7	46.5	47.9	48.1
Below Normal Water Years	51.8	51.9	49.5	47.5	46.6	46.7	45.7	42.1	39.1	46.9	50.4	49.6
Dry Water Years	52.4	52.6	49.9	48.2	47.0	47.4	48.1	48.2	44.0	50.2	51.7	51.9
Critical Water Years	54.4	54.4	51.6	49.4	48.8	49.1	49.5	49.9	50.9	52.7	53.9	54.3

Table 5A-D1.9.3-C. Clear Creek at Spring Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	-0.2	-0.2	0.0	0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.2
20%	0.0	-0.2	-0.1	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
30%	-0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
50%	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.0	0.0	0.1
90%	0.1	0.0	0.0	0.0	0.0	-0.1	1.1	0.0	0.0	0.0	0.3	0.0

Table 5A-D1.9.3-D. Clear Creek at Spring Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.2	-0.1
Wet Water Years	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.0
Below Normal Water Years	0.0	0.0	-0.1	0.0	0.1	0.0	0.6	0.1	0.0	0.0	0.9	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Critical Water Years	-0.4	-0.6	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.3	-0.4

Table 5A-D1.9.3-E. Clear Creek at Spring Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	-0.4%	-0.4%	-0.1%	0.3%	0.0%	-0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.3%
20%	-0.1%	-0.4%	-0.2%	0.1%	0.1%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%
30%	-0.2%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
40%	0.0%	-0.2%	0.0%	0.1%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
50%	0.0%	0.1%	-0.3%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
60%	-0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
70%	0.2%	0.1%	0.1%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
80%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	2.0%	0.0%	-0.1%	0.1%	0.2%
90%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.3%	2.6%	0.0%	0.0%	0.0%	0.5%	0.0%

Table 5A-D1.9.3-F. Clear Creek at Spring Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.7%	0.1%	0.3%	-0.1%
Wet Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.1%
Above Normal Water Years	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%	0.7%	0.1%	0.1%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.2%	0.1%	1.3%	0.3%	0.0%	0.0%	1.8%	0.0%
Dry Water Years	0.0%	0.0%	0.1%	0.0%	0.2%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.7%	-1.0%	-0.1%	-0.3%	-0.3%	-0.2%	-0.2%	-0.2%	-0.2%	-0.2%	-0.5%	-0.8%

Table 5A-D1.9.4-A. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.0	54.7	52.3	49.7	48.4	48.6	49.2	50.2	51.1	52.3	53.2	53.6
20%	53.3	53.6	51.6	48.9	47.7	48.2	48.9	49.7	50.5	52.0	52.4	52.6
30%	52.8	52.7	50.8	48.3	47.2	47.7	48.6	49.5	50.0	51.4	51.9	52.1
40%	52.1	52.2	50.1	47.6	46.7	47.3	48.3	49.2	49.6	51.2	51.6	51.6
50%	51.7	51.8	49.5	47.0	46.1	47.1	48.0	48.8	40.6	50.8	51.2	51.3
60%	51.4	51.3	49.0	46.4	45.8	46.8	47.8	48.5	32.9	50.2	51.0	50.9
70%	51.0	51.0	48.6	45.9	45.6	46.5	47.4	48.1	32.9	50.1	50.7	50.7
80%	50.6	50.7	48.3	45.3	45.2	46.2	46.7	40.2	32.9	49.5	50.3	50.2
90%	50.3	50.3	47.8	45.0	44.8	45.7	41.7	32.9	32.9	32.9	49.5	49.8

Table 5A-D1.9.4-B. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	52.1	49.8	47.2	46.5	47.1	47.1	46.0	41.8	48.3	50.3	50.5
Wet Water Years	51.1	51.2	49.3	45.9	45.5	46.6	46.8	46.8	38.8	46.9	49.9	49.6
Above Normal Water Years	51.8	52.0	49.9	46.2	45.6	46.7	46.2	44.4	39.7	46.5	47.9	48.1
Below Normal Water Years	51.7	51.8	49.4	47.4	46.5	46.7	45.8	42.1	39.9	46.9	48.7	49.6
Dry Water Years	52.4	52.6	49.8	48.2	47.0	47.4	47.9	47.9	43.9	50.2	51.7	51.9
Critical Water Years	54.3	54.4	51.6	49.5	48.7	48.9	49.3	49.8	50.9	52.7	53.9	54.2

Table 5A-D1.9.4-C. Clear Creek at Spring Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	-0.2
20%	0.0	-0.2	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1
30%	0.1	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
40%	0.0	-0.2	0.0	-0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.1	-0.1	-0.1	0.0	0.1	0.0	-0.1	7.7	0.0	0.0	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
70%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
80%	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.1	0.0	0.1
90%	0.1	0.0	0.0	0.0	0.0	-0.1	1.1	0.0	0.0	0.0	-0.2	0.0

Table 5A-D1.9.4-D. Clear Creek at Spring Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.4	0.2	-0.2	-0.1
Wet Water Years	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.3	0.1	0.0
Below Normal Water Years	0.0	-0.1	-0.1	0.0	0.0	0.0	0.6	0.2	0.7	0.0	-0.8	-0.1
Dry Water Years	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	-0.4	-0.2	-0.1	0.0	0.0
Critical Water Years	-0.5	-0.5	0.0	-0.2	-0.2	-0.3	-0.3	-0.3	-0.1	-0.1	-0.3	-0.6

Table 5A-D1.9.4-E. Clear Creek at Spring Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.4%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	-0.2%	-0.2%	-0.3%	0.1%	-0.1%	-0.3%
20%	-0.1%	-0.4%	-0.1%	0.1%	-0.1%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.2%
30%	0.1%	-0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
40%	0.0%	-0.4%	-0.1%	-0.2%	0.2%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.1%	-0.3%	-0.2%	-0.1%	0.1%	-0.1%	-0.2%	23.5%	0.1%	0.0%	0.0%
60%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.2%
70%	0.2%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
80%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	2.0%	0.0%	0.1%	0.0%	0.3%
90%	0.3%	0.1%	0.0%	0.0%	0.0%	-0.3%	2.6%	0.0%	0.0%	0.0%	-0.4%	0.0%

Table 5A-D1.9.4-F. Clear Creek at Spring Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	-0.2%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	-0.1%	1.0%	0.4%	-0.5%	-0.2%
Wet Water Years	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	1.3%	0.0%	0.1%
Above Normal Water Years	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%	0.6%	0.1%	0.1%
Below Normal Water Years	-0.1%	-0.1%	-0.2%	0.0%	0.0%	0.0%	1.3%	0.4%	1.9%	0.1%	-1.6%	-0.1%
Dry Water Years	0.0%	-0.1%	0.0%	-0.1%	0.2%	0.1%	-0.3%	-0.7%	-0.4%	-0.1%	0.0%	0.0%
Critical Water Years	-0.9%	-0.9%	0.0%	-0.3%	-0.5%	-0.6%	-0.6%	-0.5%	-0.2%	-0.2%	-0.6%	-1.0%

Table 5A-D1.9.5-A. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	53.9	54.5	52.1	49.8	48.5	48.6	49.2	50.2	51.1	52.3	53.2	53.6
20%	53.3	53.6	51.6	48.9	47.8	48.3	48.9	49.7	50.5	52.0	52.3	52.6
30%	52.6	52.8	50.9	48.3	47.2	47.7	48.6	49.5	50.0	51.4	51.8	52.1
40%	52.1	52.3	50.1	47.7	46.7	47.3	48.4	49.3	49.6	51.2	51.6	51.5
50%	51.7	51.8	49.5	47.0	46.1	47.2	48.0	48.9	32.9	50.8	51.2	51.3
60%	51.3	51.3	49.0	46.4	45.8	46.8	47.8	48.4	32.9	50.2	51.0	50.9
70%	51.0	51.0	48.6	45.9	45.6	46.5	47.3	48.2	32.9	50.1	50.7	50.7
80%	50.7	50.7	48.3	45.3	45.2	46.2	46.7	40.2	32.9	49.4	50.4	50.2
90%	50.3	50.3	47.8	45.0	44.8	45.7	41.7	32.9	32.9	32.9	49.9	49.8

Table 5A-D1.9.5-B. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.0	52.2	49.8	47.2	46.5	47.1	47.1	46.1	41.7	48.1	50.6	50.5
Wet Water Years	51.0	51.2	49.3	45.9	45.5	46.6	46.8	46.8	38.8	46.3	49.9	49.6
Above Normal Water Years	51.8	52.0	49.9	46.2	45.6	46.7	46.2	44.4	39.7	46.5	47.9	48.1
Below Normal Water Years	51.7	51.9	49.5	47.5	46.6	46.7	45.7	42.1	39.1	46.9	50.4	49.6
Dry Water Years	52.3	52.6	49.8	48.2	47.0	47.4	47.9	47.9	43.9	50.2	51.7	51.9
Critical Water Years	54.4	54.4	51.6	49.4	48.8	49.1	49.5	49.9	50.9	52.7	53.9	54.3

Table 5A-D1.9.5-C. Clear Creek at Spring Creek Tunnel, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	-0.2	-0.2	0.0	0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	-0.1
20%	0.0	-0.2	-0.1	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
30%	-0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
50%	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
70%	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.8	0.0	0.0	0.0	0.1
90%	0.1	0.0	0.0	0.0	0.0	-0.1	1.1	0.0	0.0	0.0	0.3	0.0

Table 5A-D1.9.5-D. Clear Creek at Spring Creek Tunnel, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.2	-0.1
Wet Water Years	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.3	0.0	0.0
Below Normal Water Years	0.0	0.0	-0.1	0.0	0.1	0.0	0.6	0.1	0.0	0.0	0.9	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	-0.4	-0.2	-0.1	0.0	0.0
Critical Water Years	-0.4	-0.6	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.3	-0.4

Table 5A-D1.9.5-E. Clear Creek at Spring Creek Tunnel, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	-0.4%	-0.4%	-0.1%	0.3%	0.0%	-0.2%	-0.2%	-0.2%	0.1%	0.0%	-0.3%
20%	-0.1%	-0.4%	-0.2%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%
30%	-0.2%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
40%	0.0%	-0.2%	0.0%	0.1%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
50%	0.0%	0.1%	-0.3%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	-0.3%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.1%	0.0%
70%	0.1%	0.1%	0.1%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.2%	0.2%	0.0%	0.1%	0.0%	0.0%	0.1%	2.0%	0.0%	-0.1%	0.0%	0.2%
90%	0.2%	0.1%	0.0%	0.0%	0.0%	-0.3%	2.7%	0.0%	0.0%	0.0%	0.6%	0.0%

Table 5A-D1.9.5-F. Clear Creek at Spring Creek Tunnel, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.2%	-0.1%	0.6%	0.0%	0.3%	-0.1%
Wet Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.1%
Above Normal Water Years	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	0.7%	0.1%	0.1%
Below Normal Water Years	-0.1%	0.0%	-0.2%	0.0%	0.2%	0.1%	1.3%	0.3%	0.0%	0.0%	1.8%	-0.1%
Dry Water Years	-0.1%	-0.1%	0.0%	0.0%	0.2%	0.1%	-0.3%	-0.7%	-0.4%	-0.1%	0.0%	0.0%
Critical Water Years	-0.7%	-1.0%	-0.1%	-0.5%	-0.2%	-0.1%	-0.2%	-0.2%	-0.2%	-0.2%	-0.5%	-0.8%

Figure 5A-D1.9.1. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

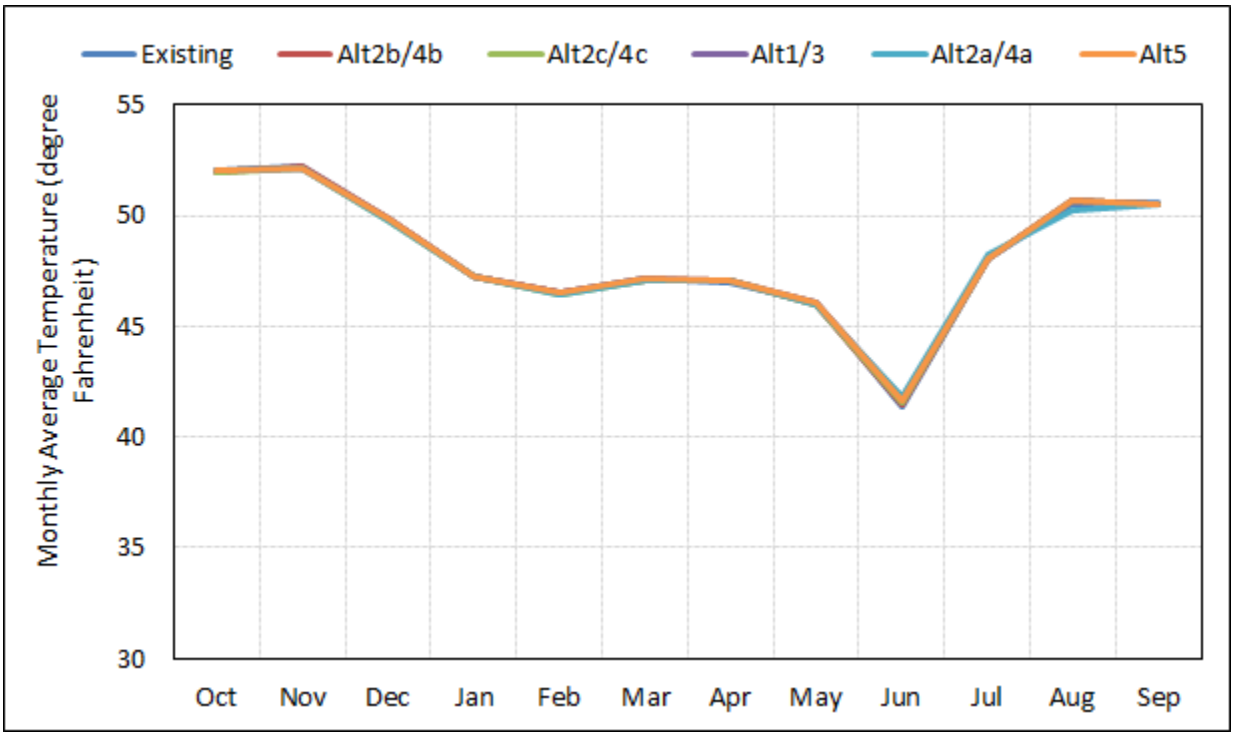


Figure 5A-D1.9.2. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

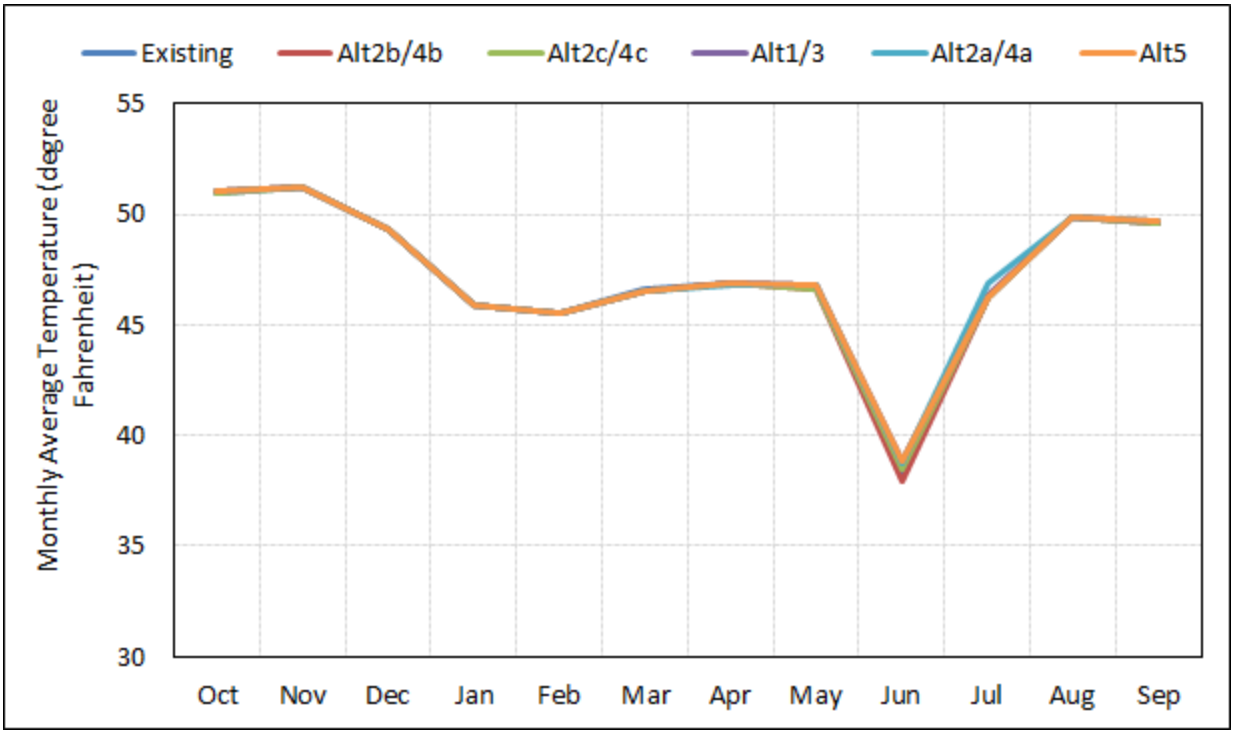


Figure 5A-D1.9.3. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

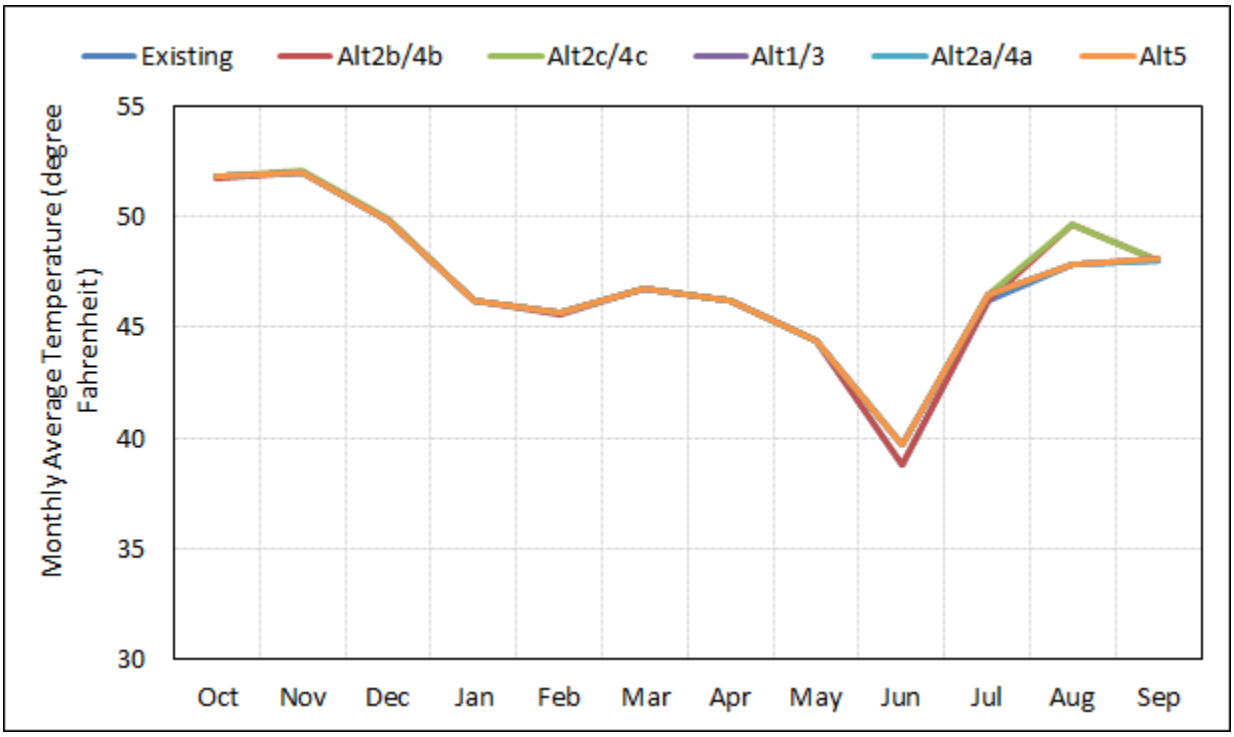


Figure 5A-D1.9.4. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

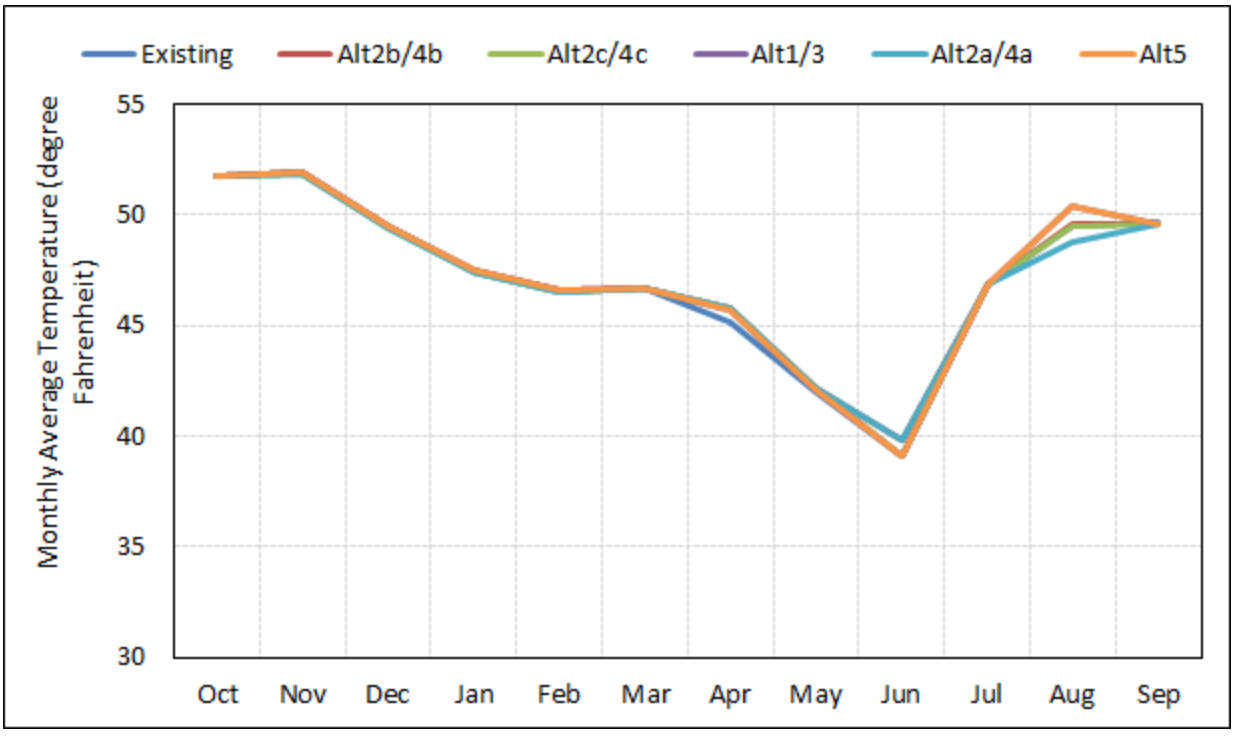


Figure 5A-D1.9.5. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

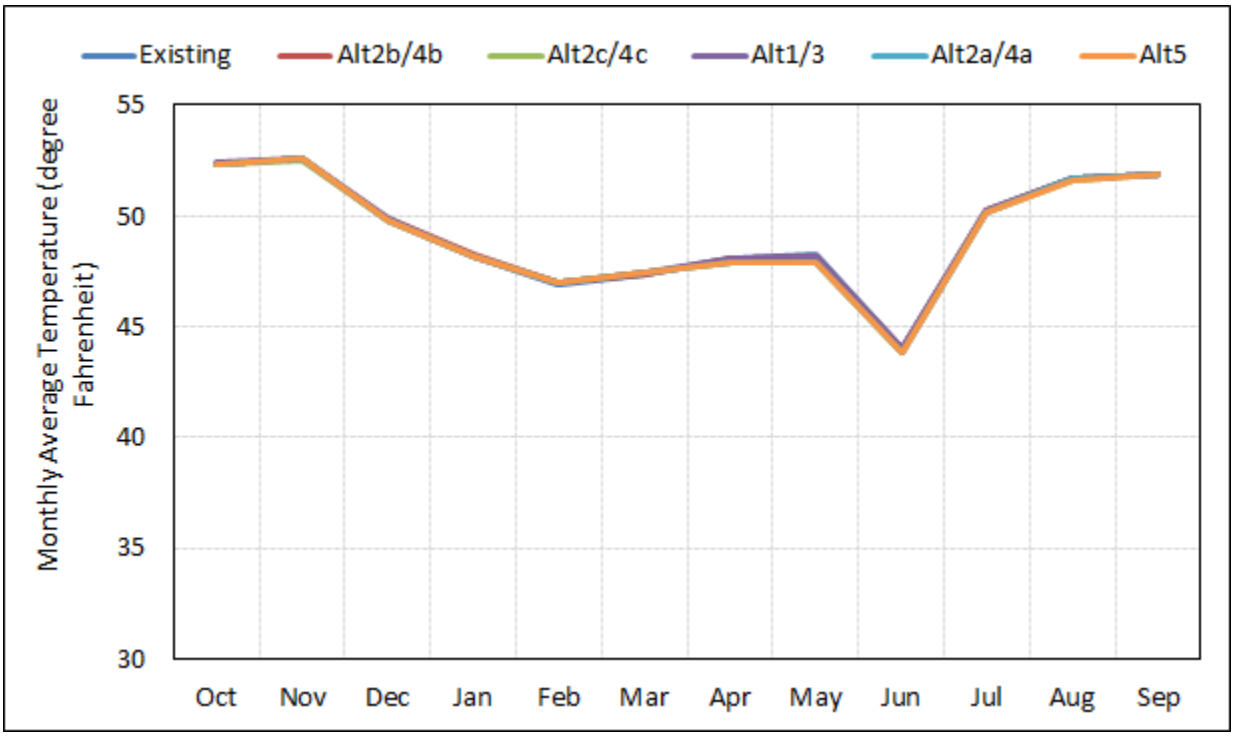


Figure 5A-D1.9.6. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

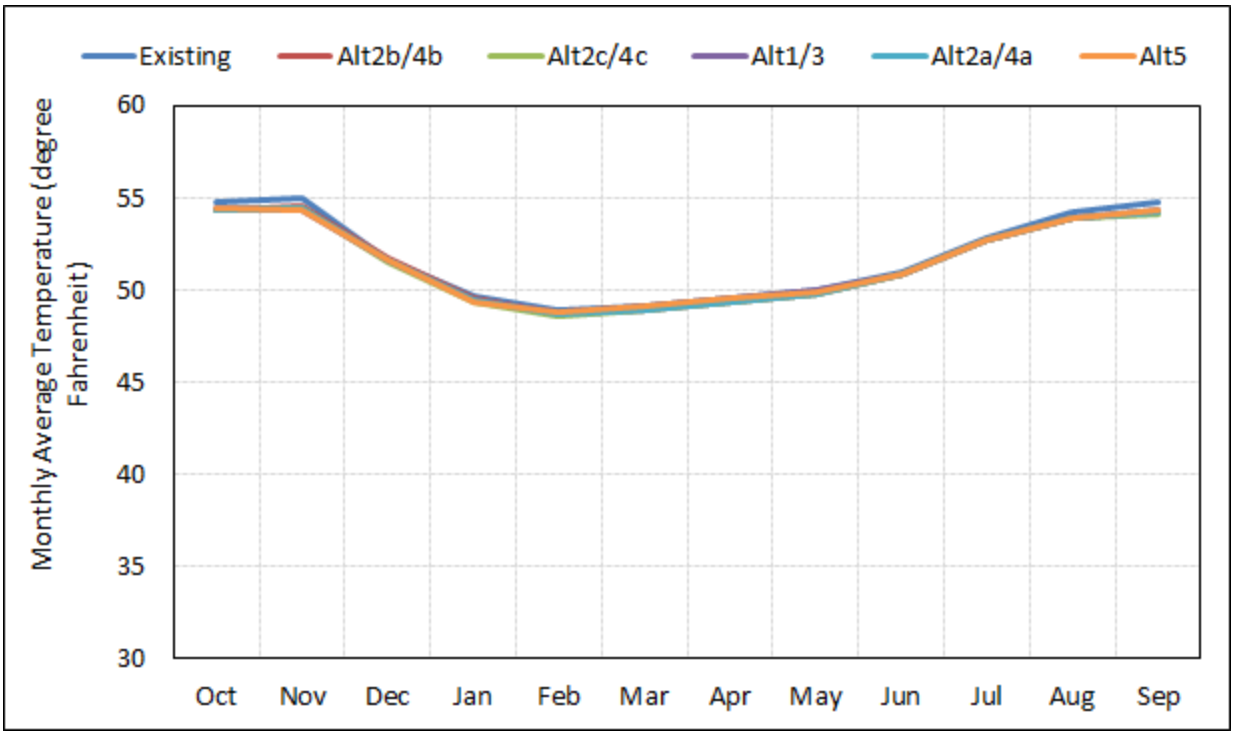


Figure 5A-D1.9.7. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

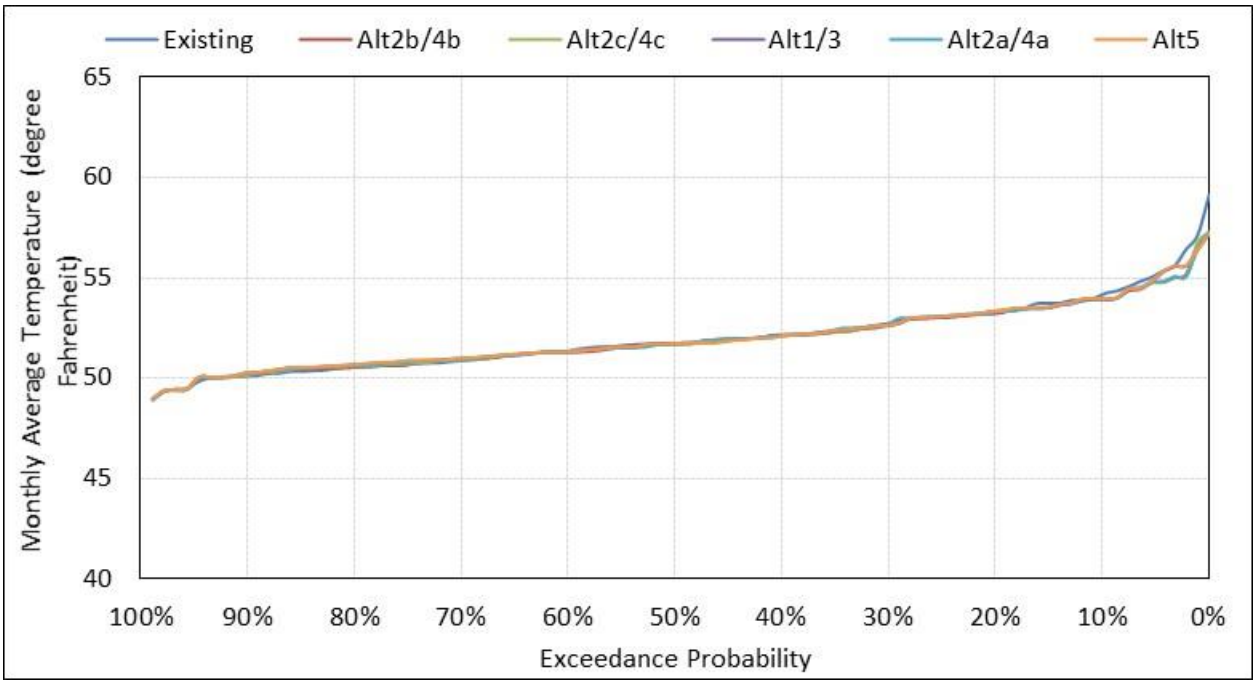


Figure 5A-D1.9.8. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

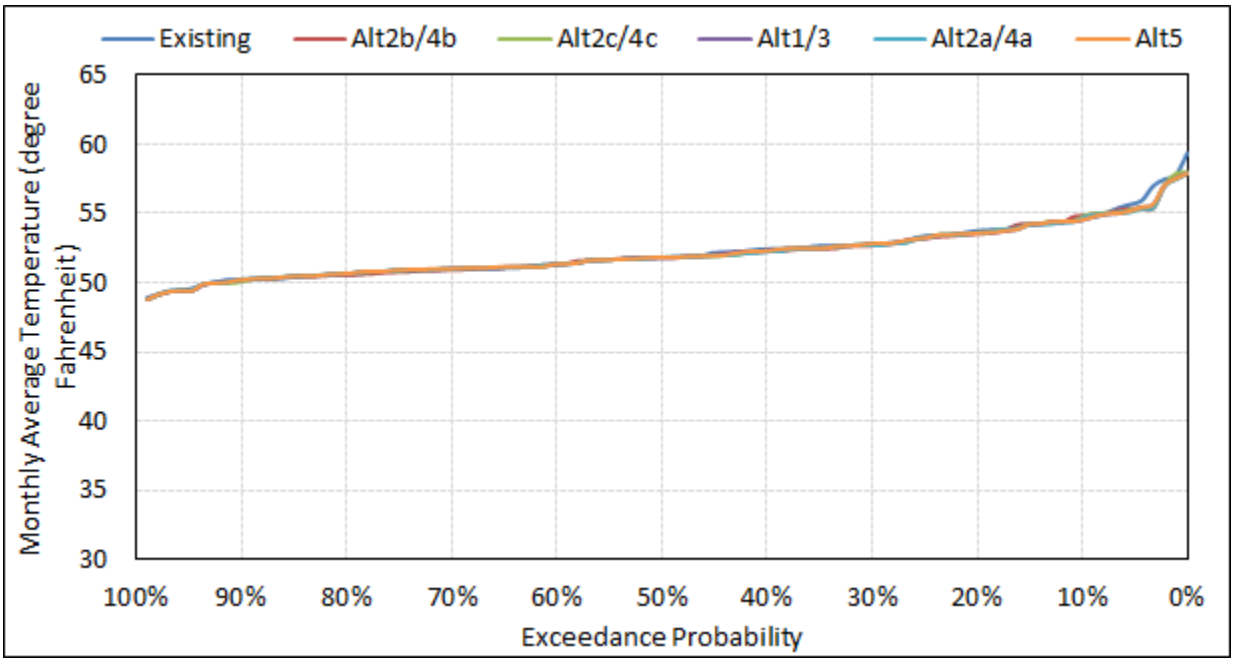


Figure 5A-D1.9.9. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

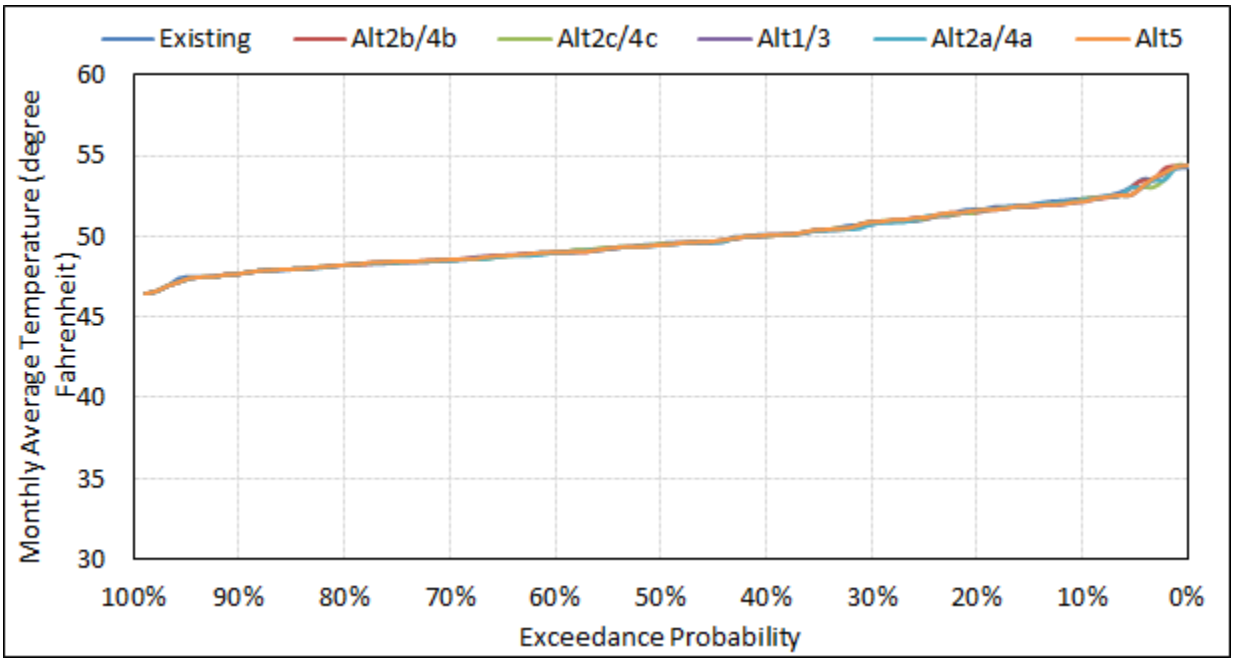


Figure 5A-D1.9.10. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

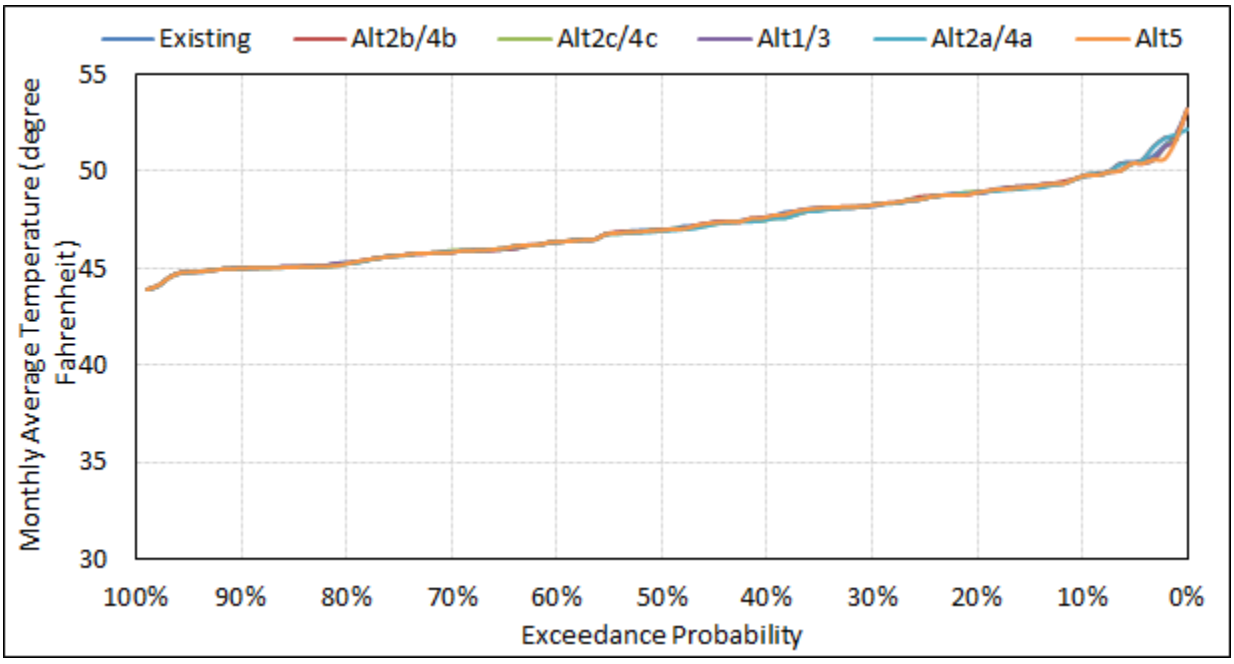


Figure 5A-D1.9.11. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

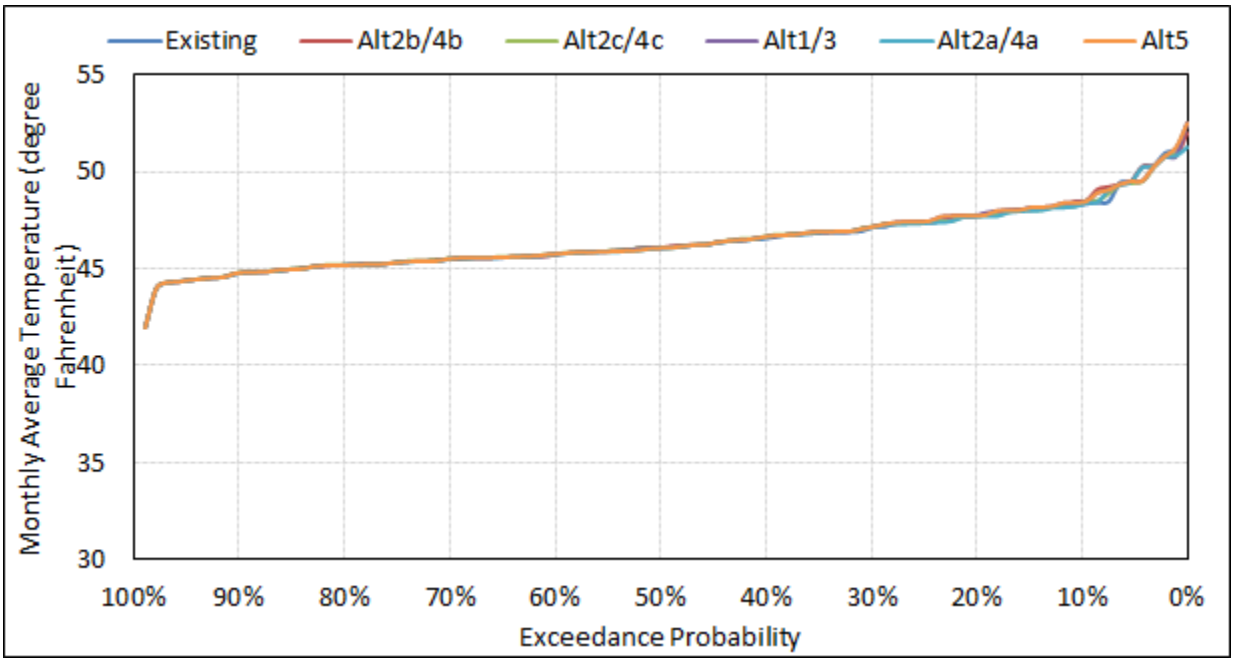


Figure 5A-D1.9.12. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

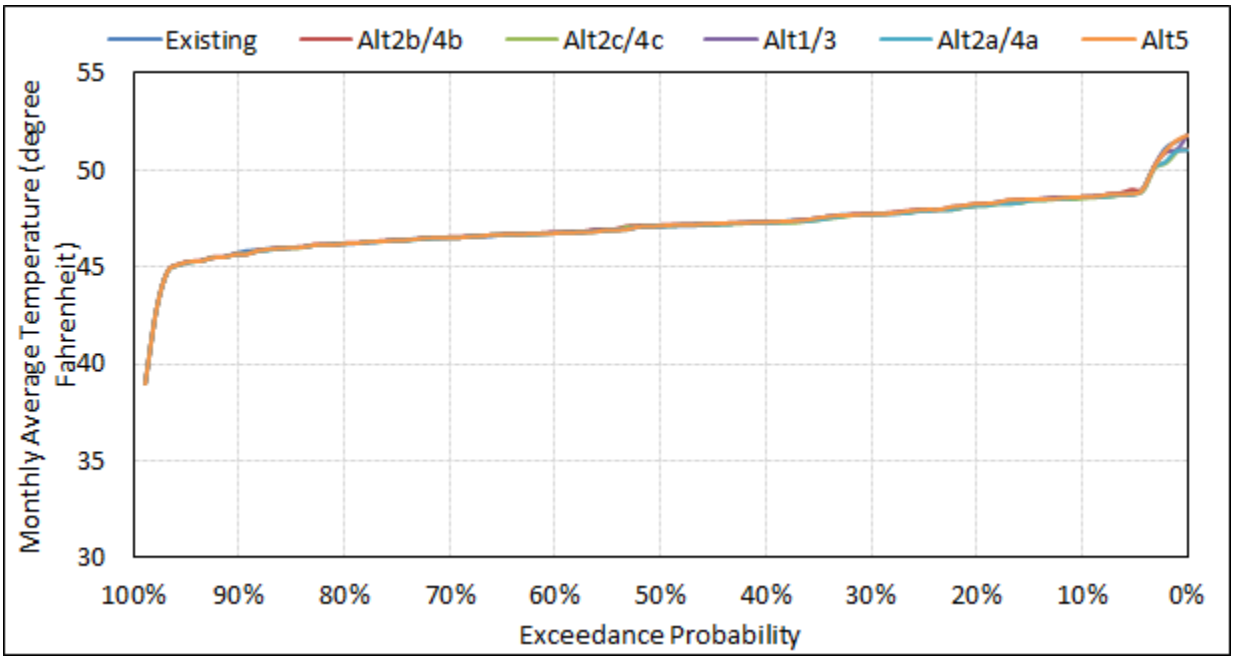


Figure 5A-D1.9.13. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

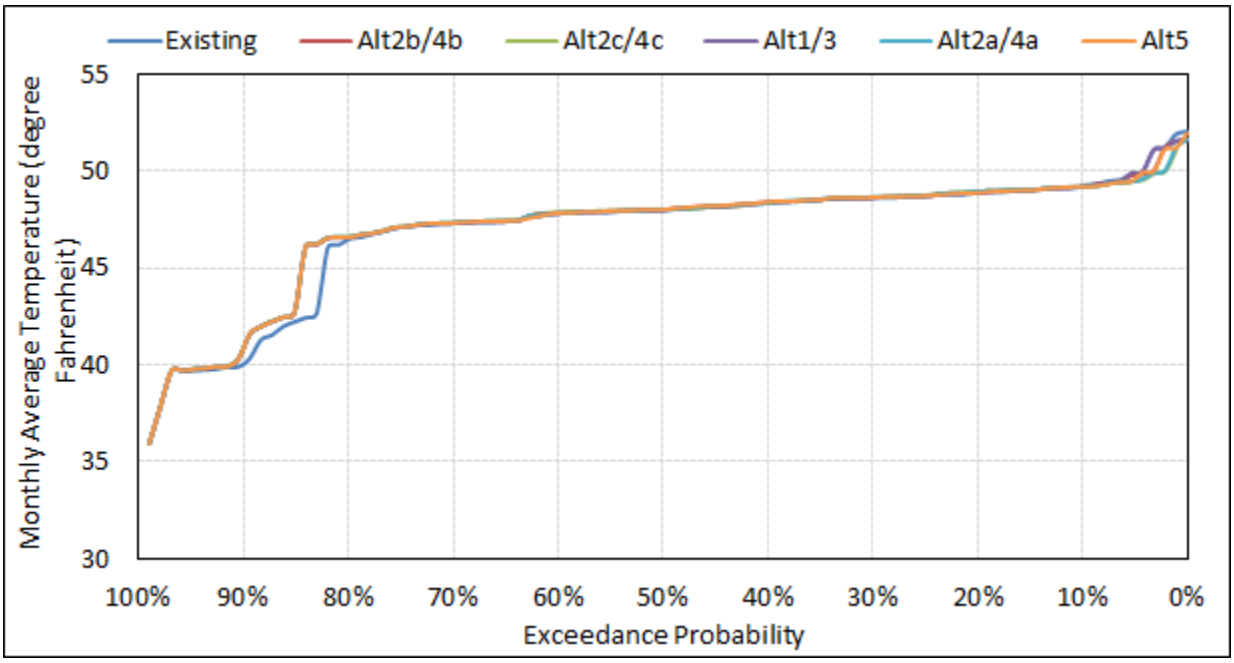


Figure 5A-D1.9.14. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

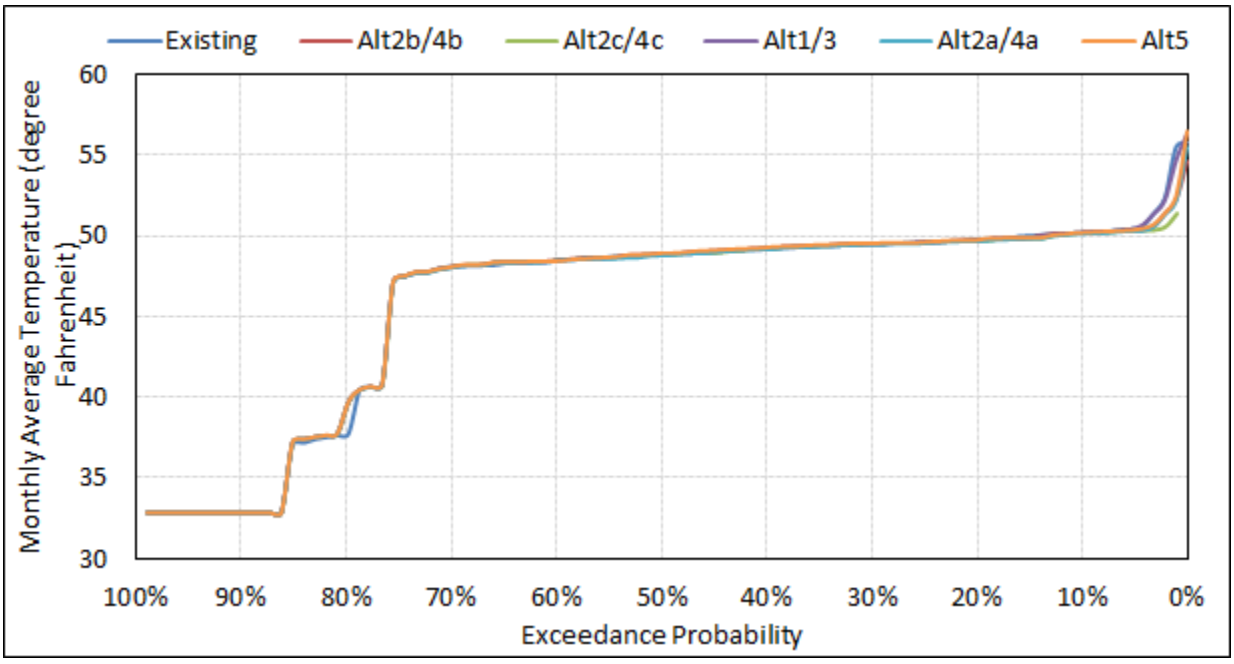


Figure 5A-D1.9.15. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

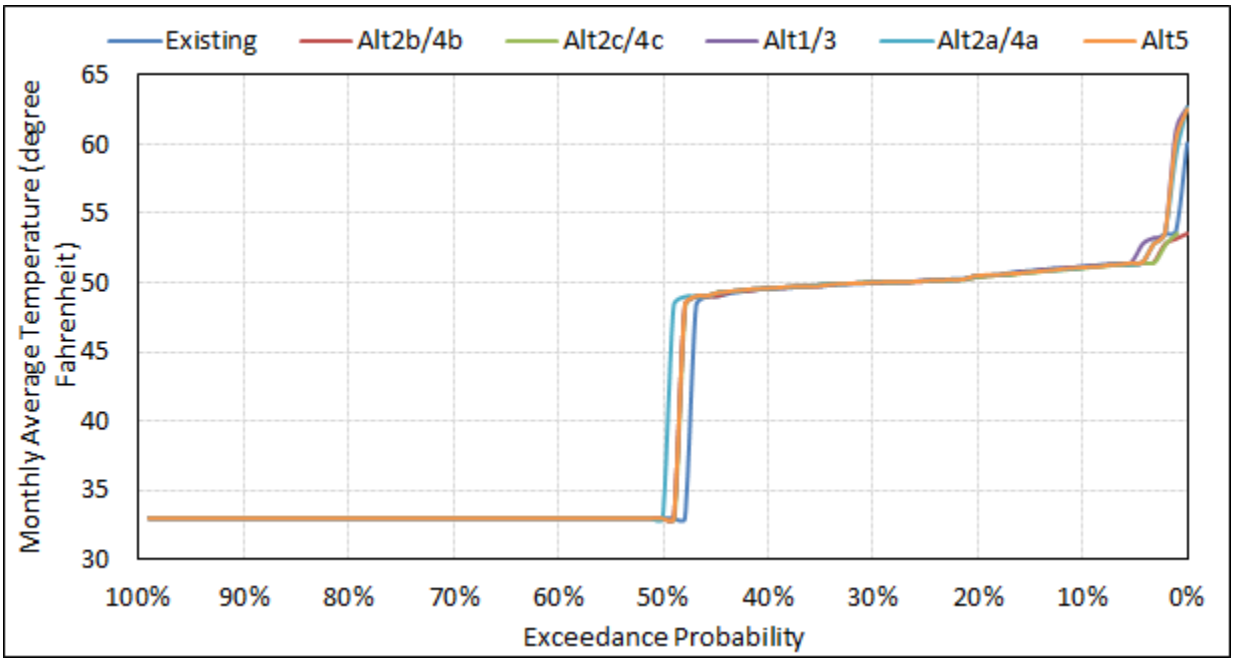


Figure 5A-D1.9.16. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

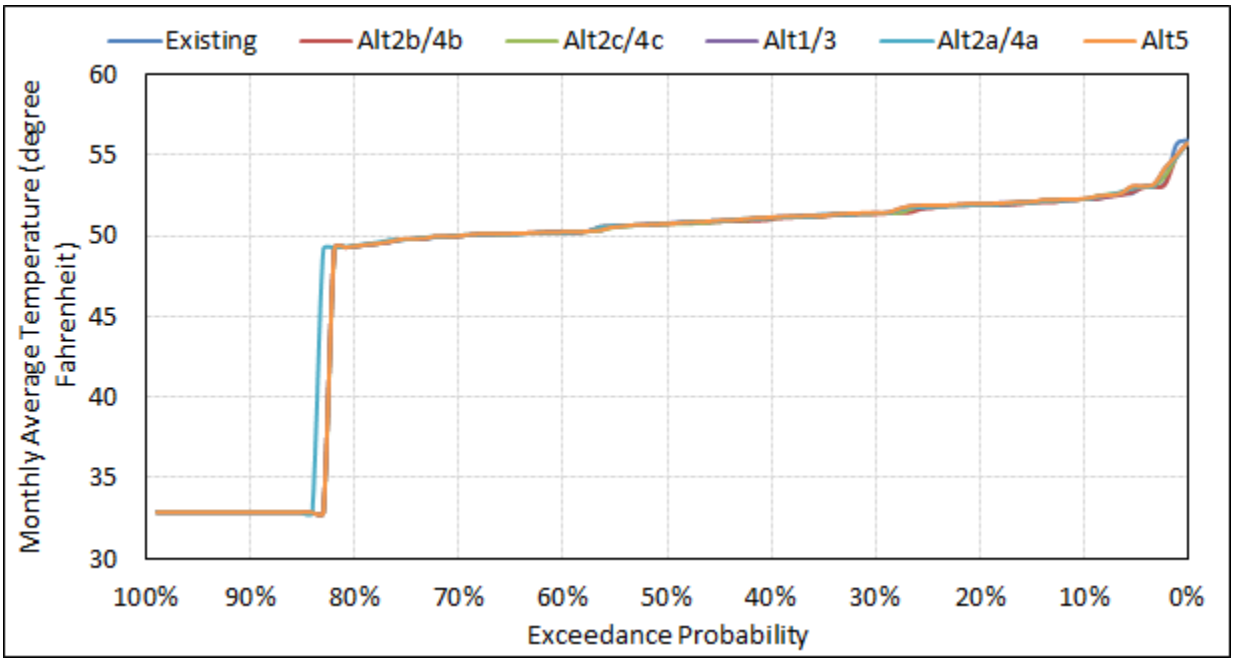


Figure 5A-D1.9.17. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

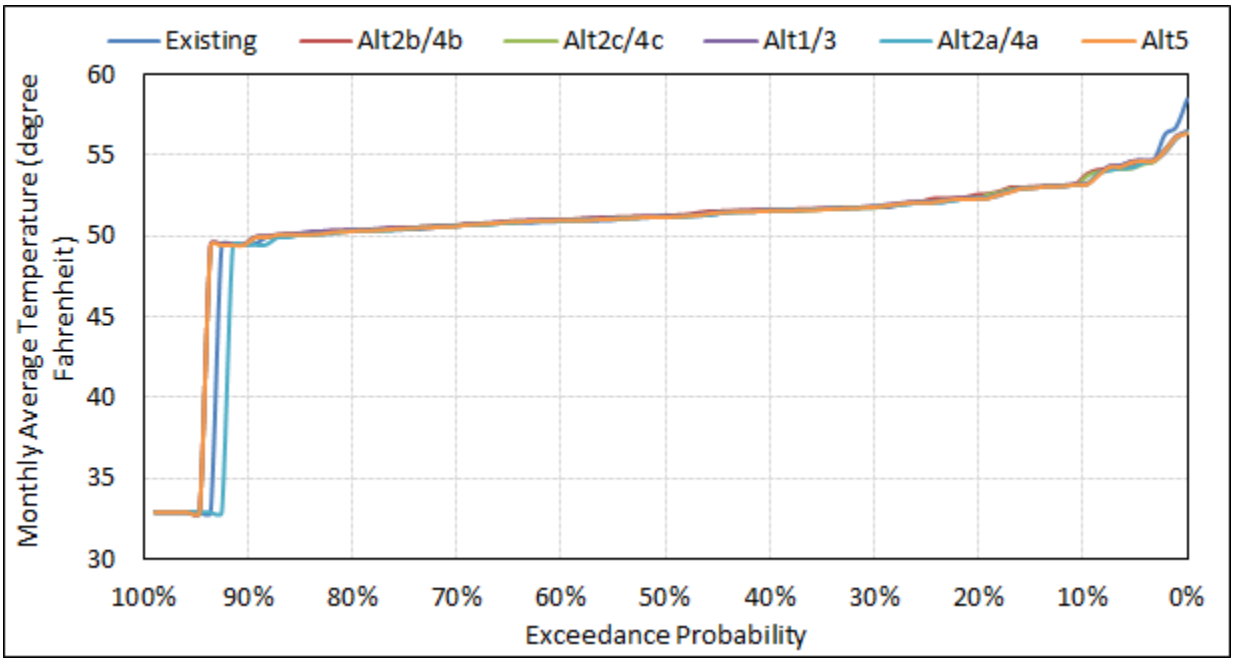


Figure 5A-D1.9.18. Clear Creek at Spring Creek Tunnel, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

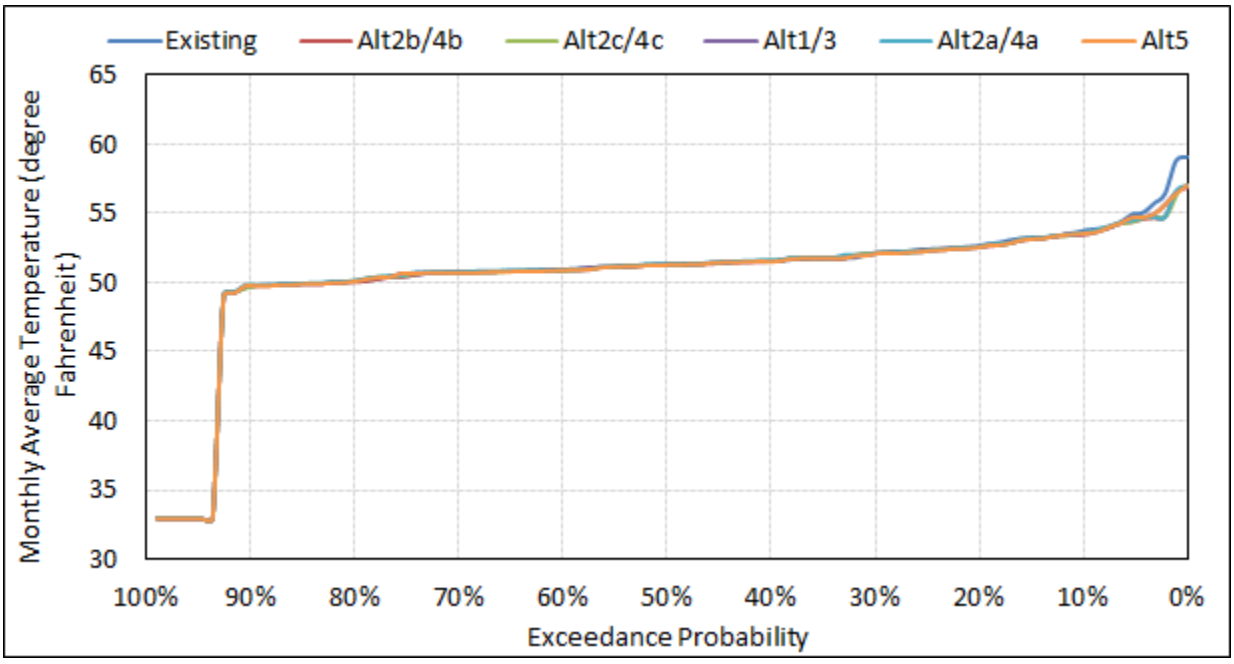
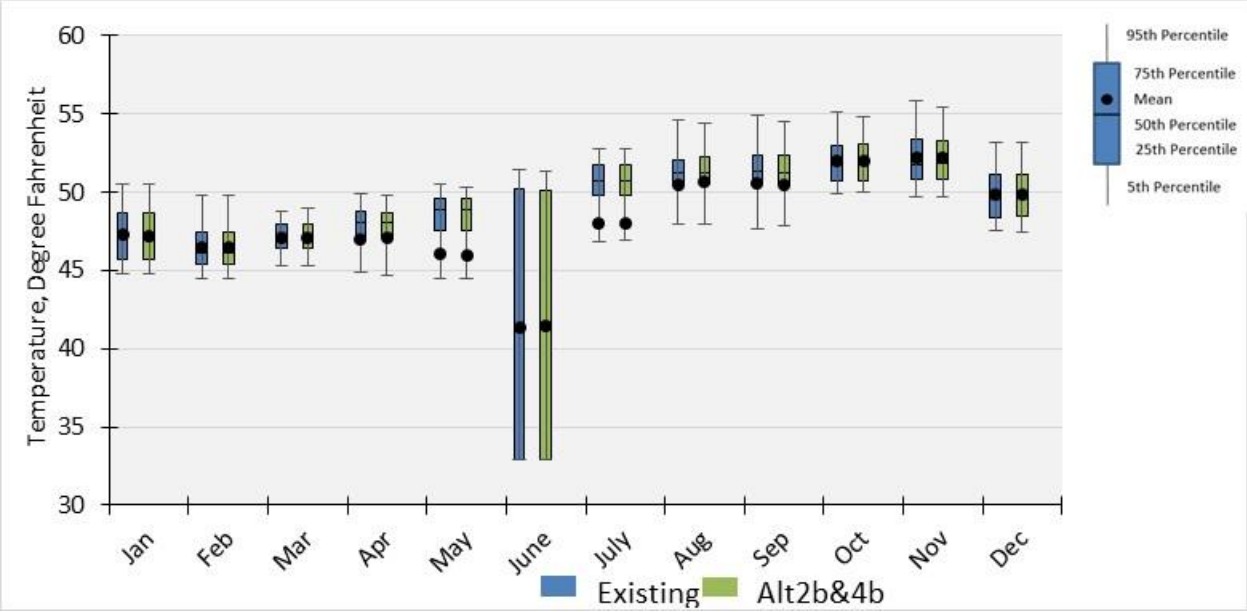


Figure 5A-D1.9.19. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



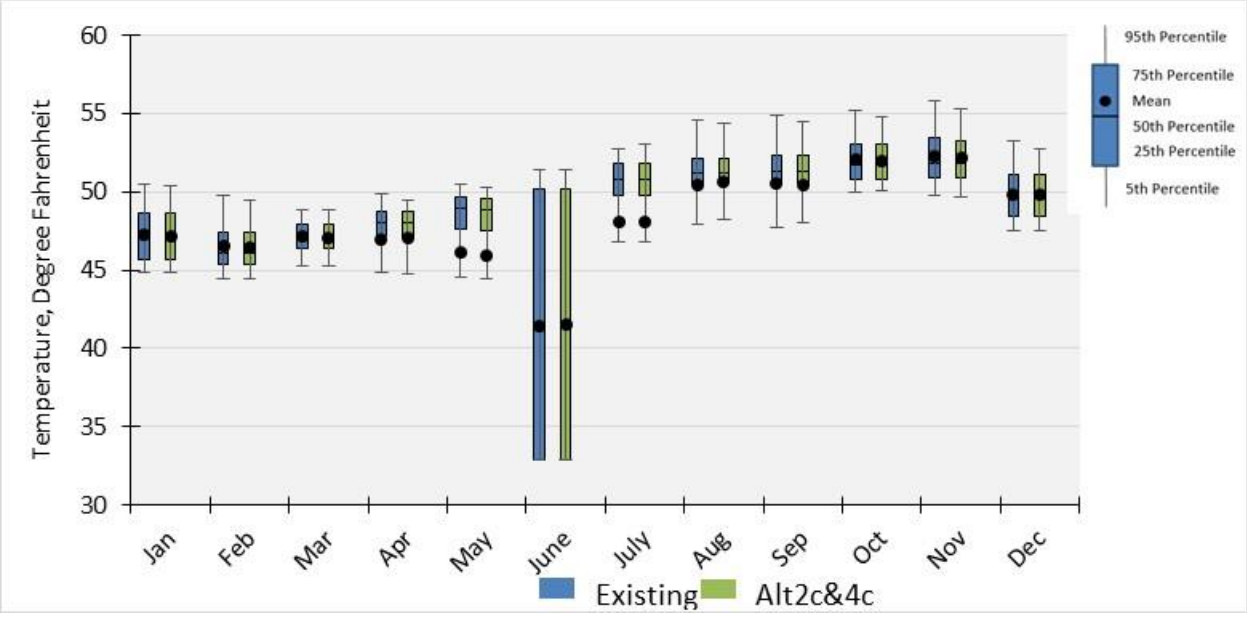
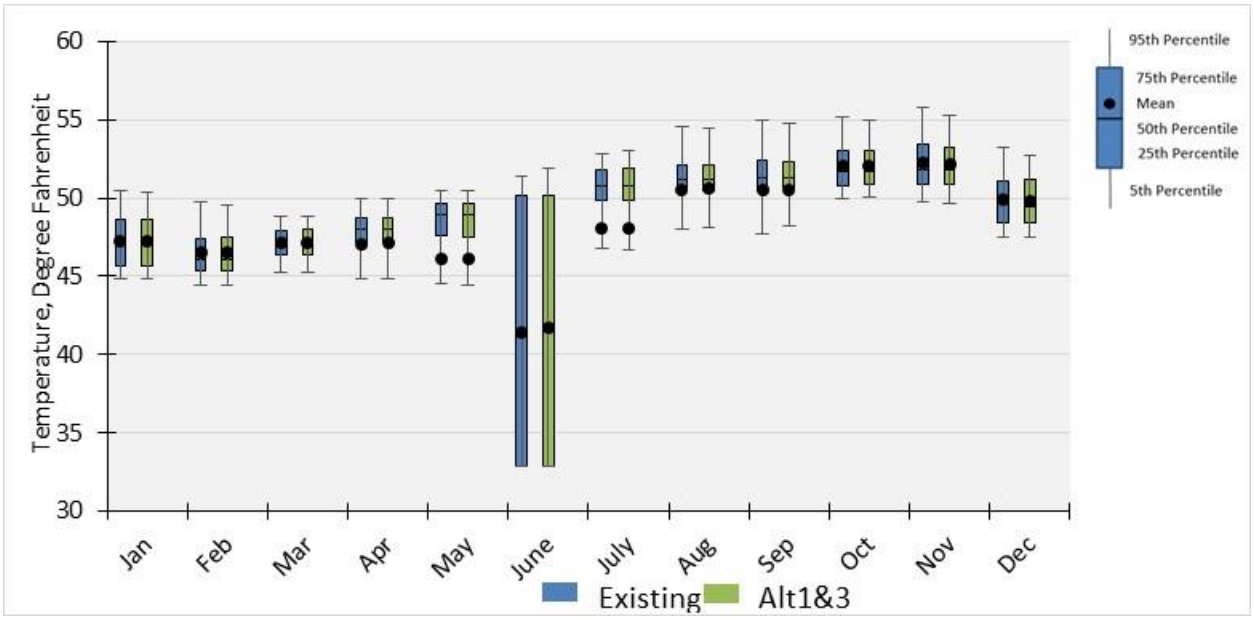


Figure 5A-D1.9.20. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



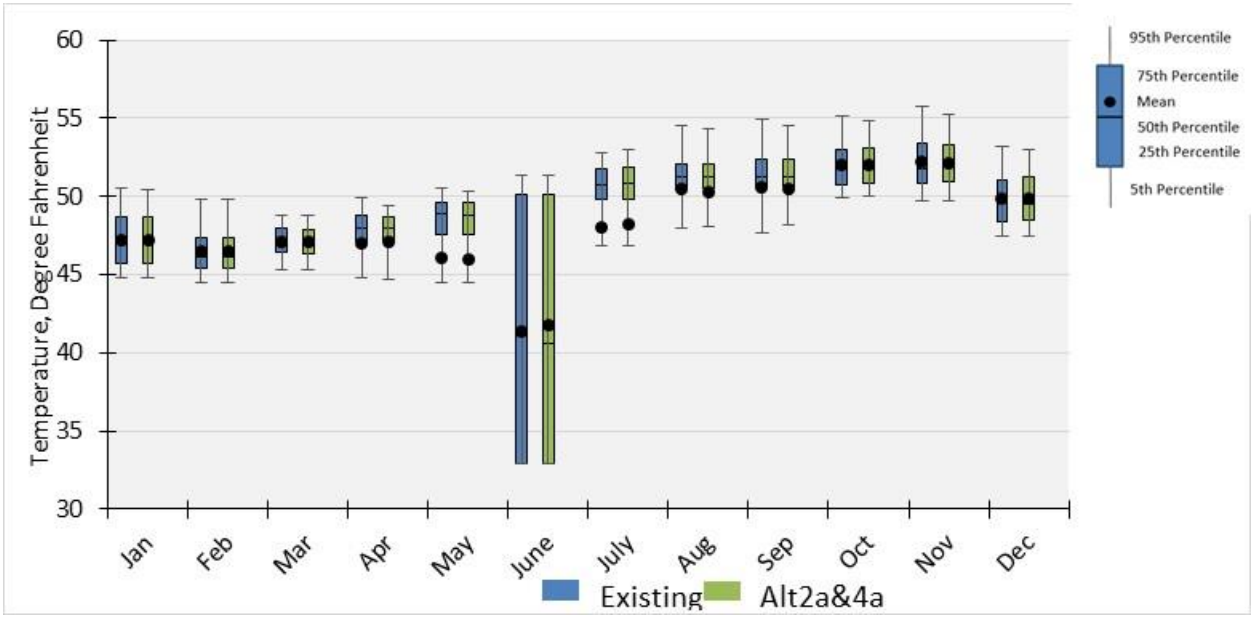


Figure 5A-D1.9.21. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

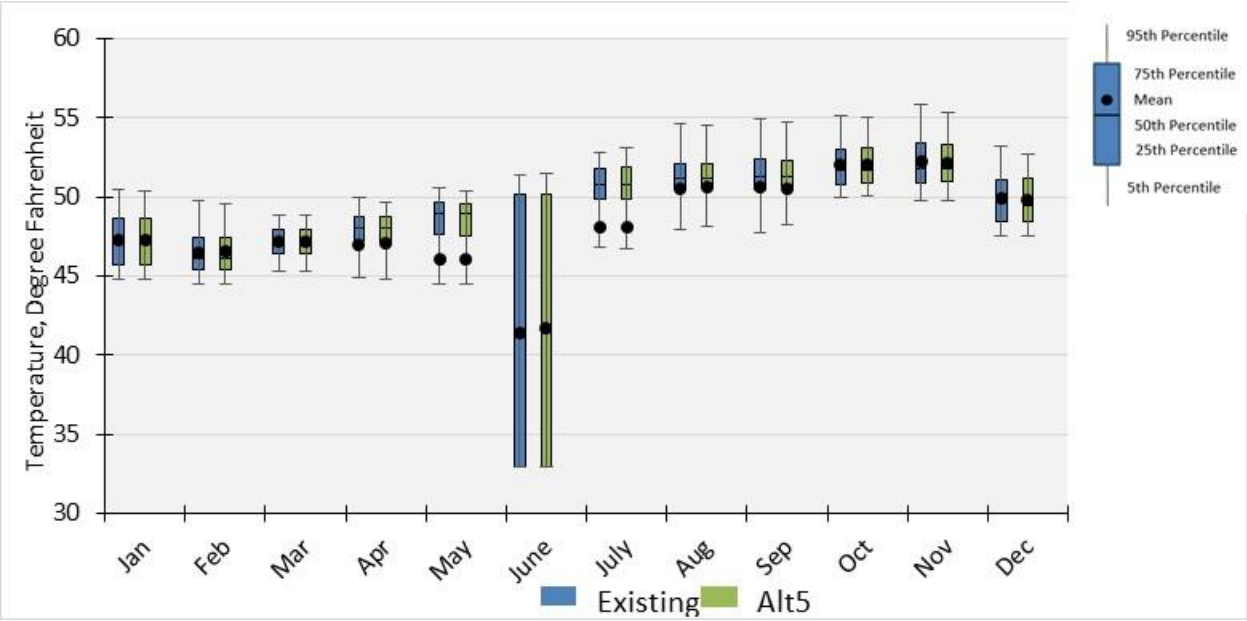
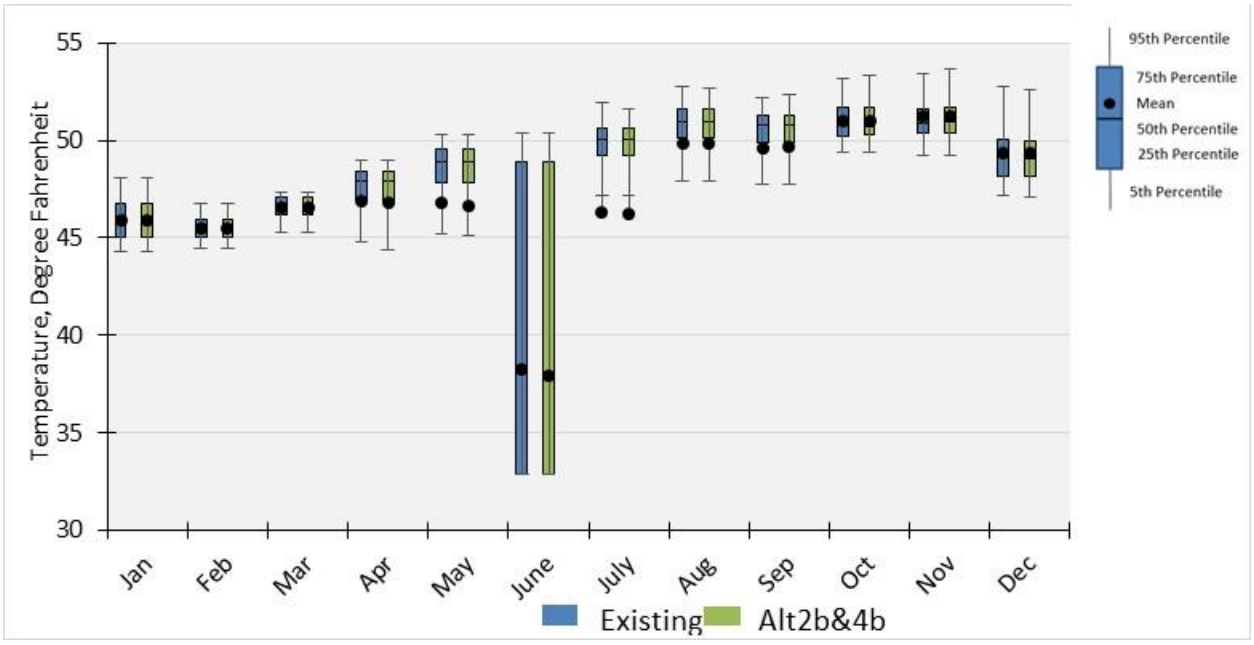


Figure 5A-D1.9.22. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



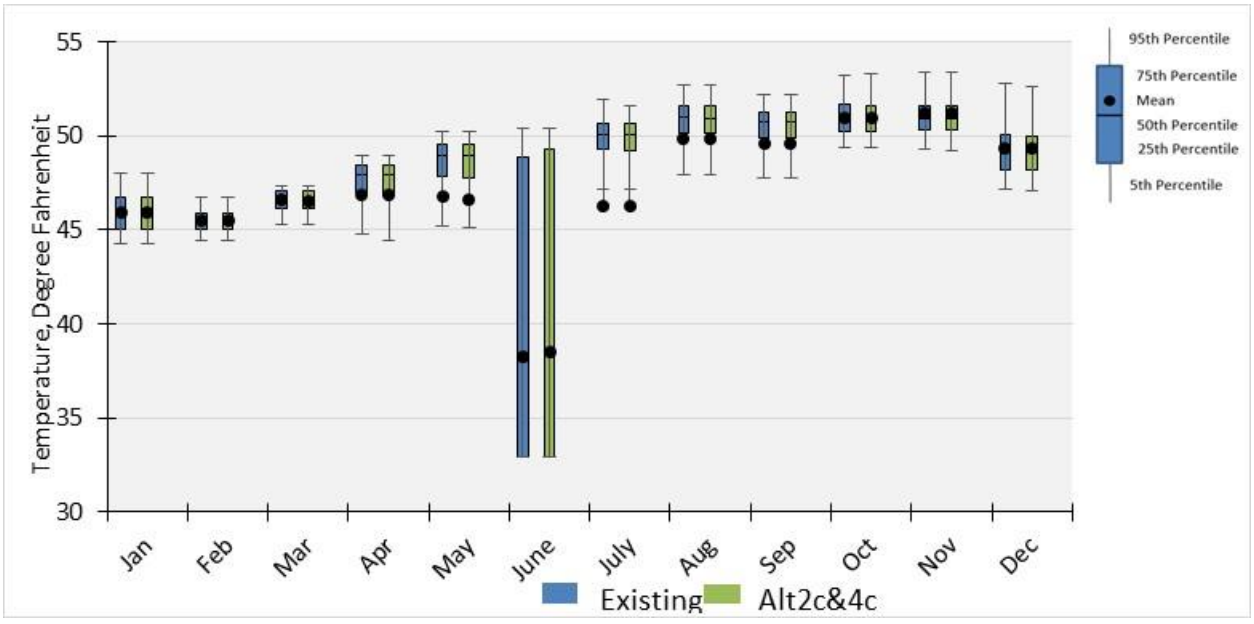
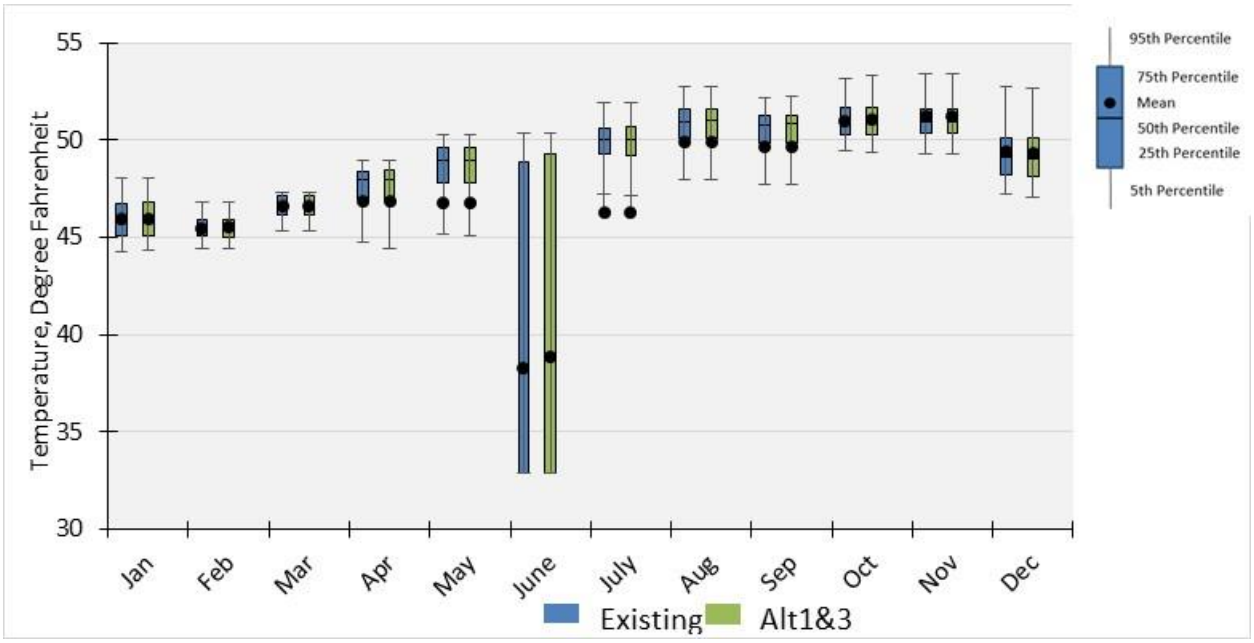


Figure 5A-D1.9.23. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



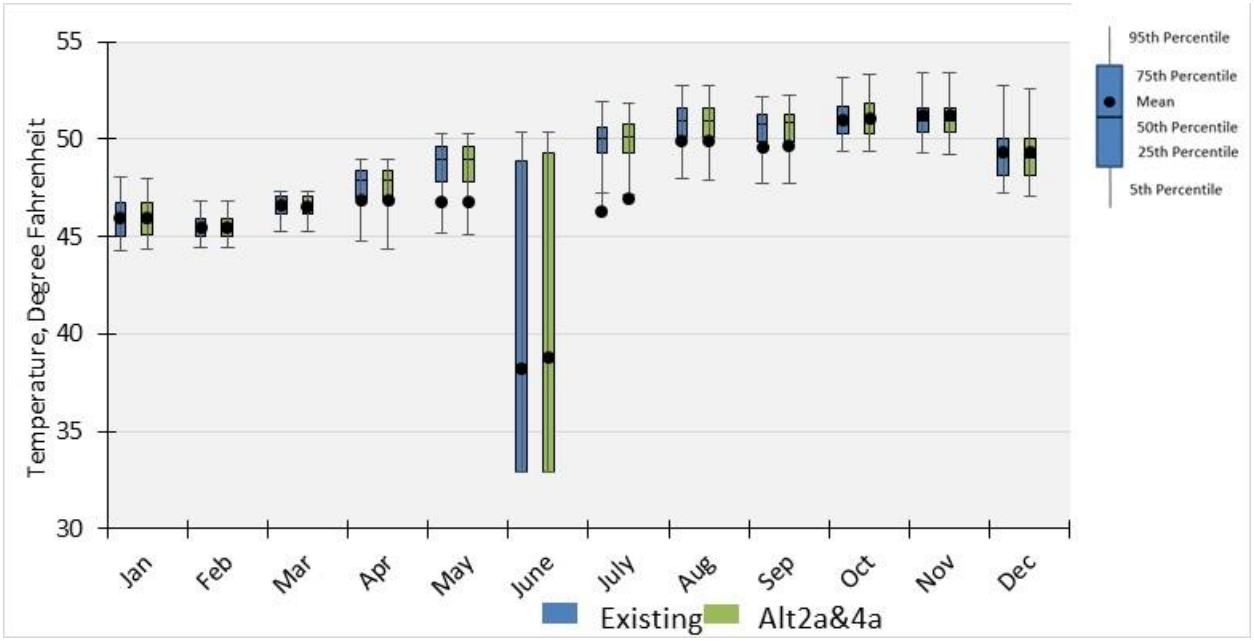


Figure 5A-D1.9.24. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

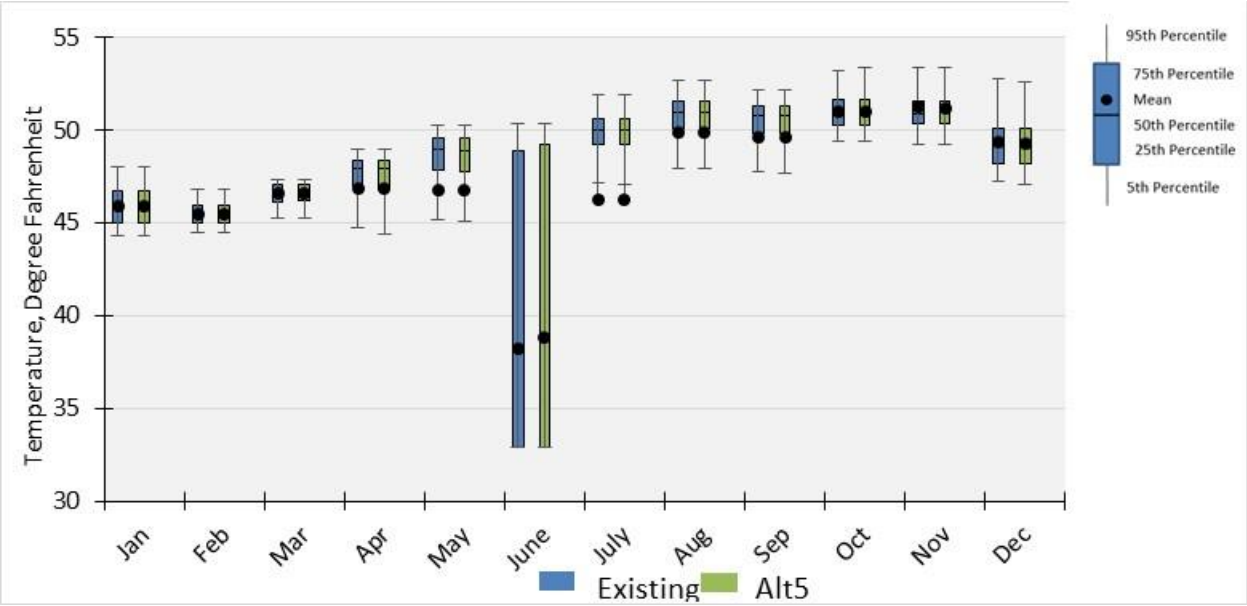
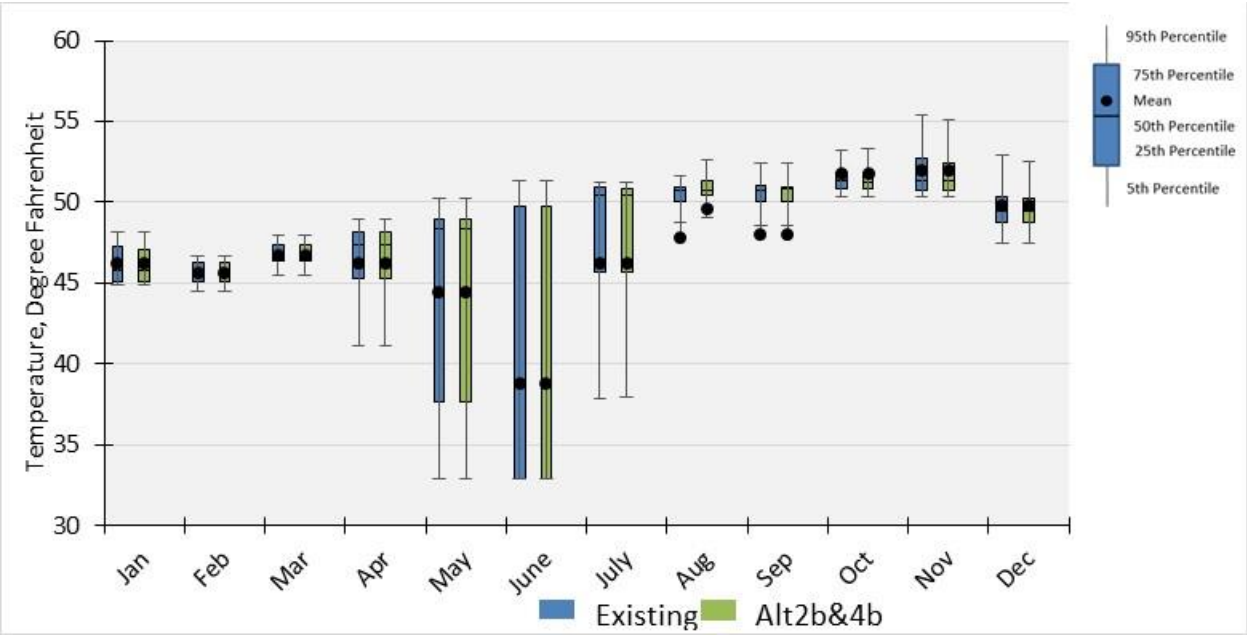


Figure 5A-D1.9.25. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



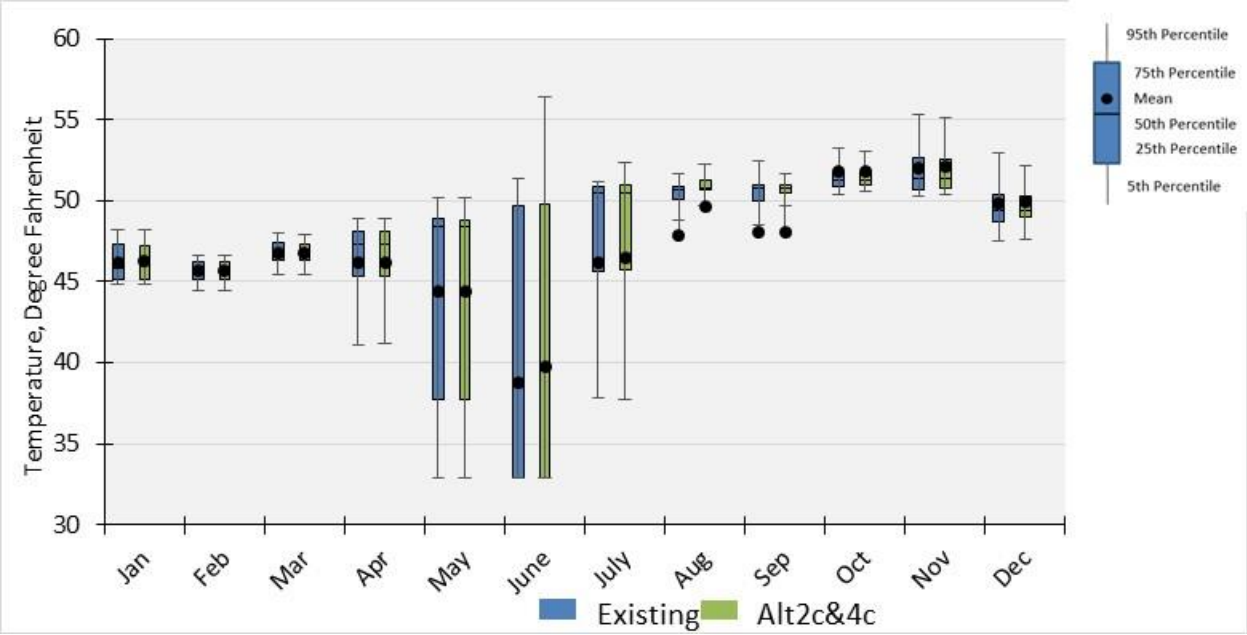
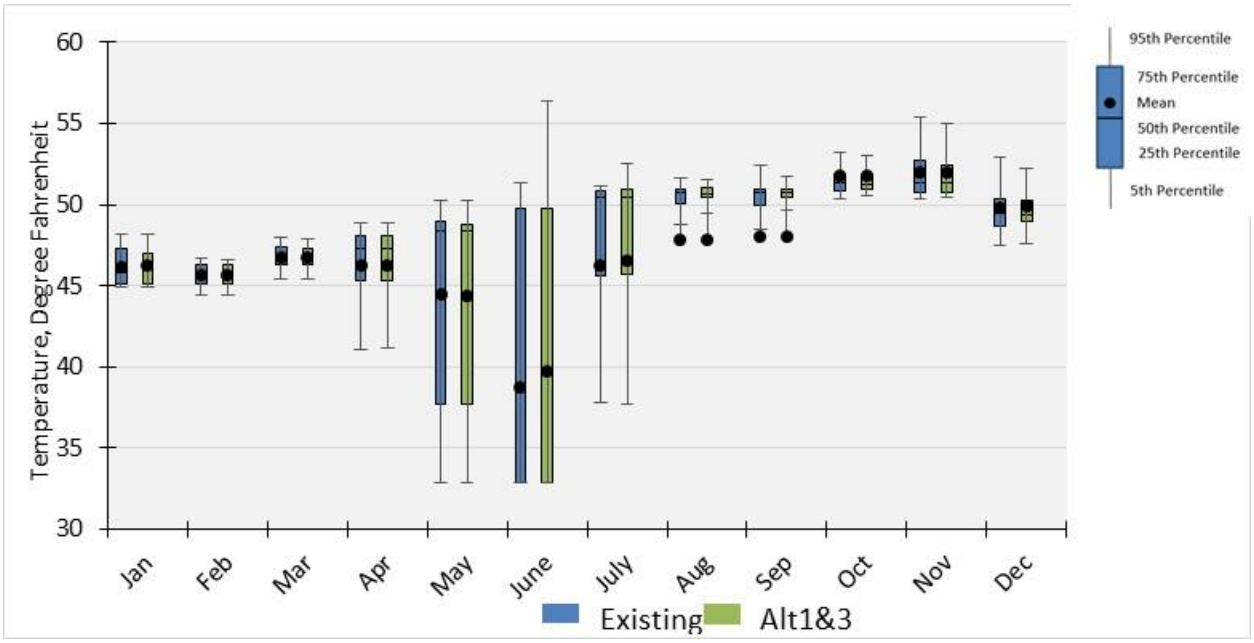


Figure 5A-D1.9.26. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



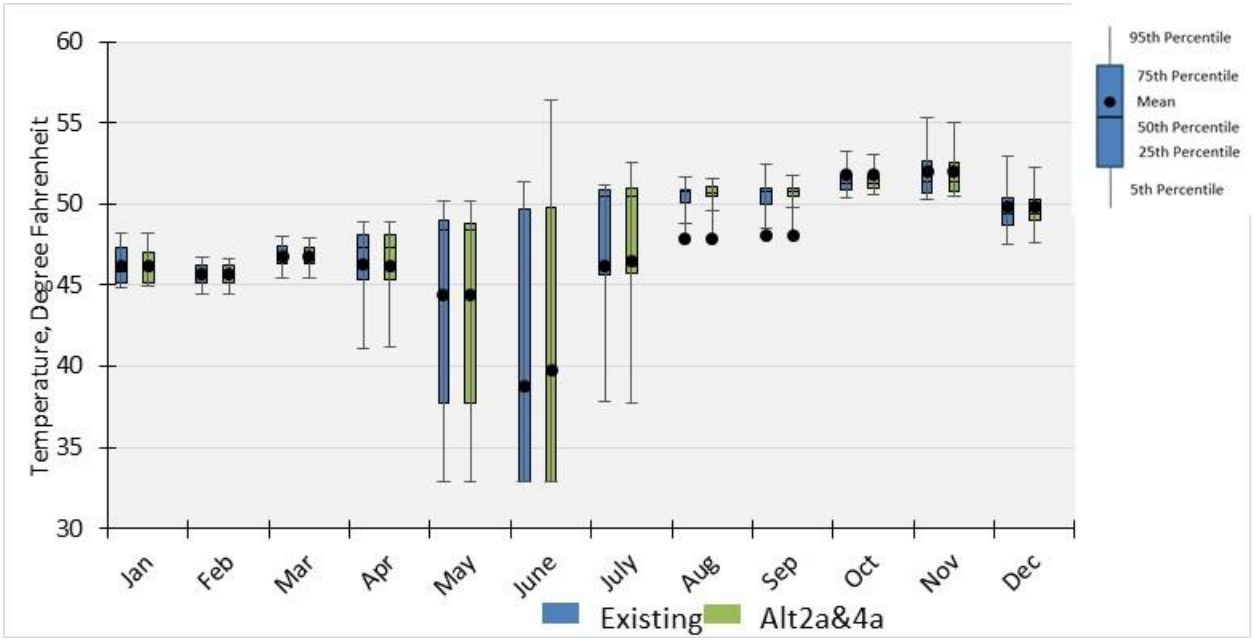


Figure 5A-D1.9.27. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

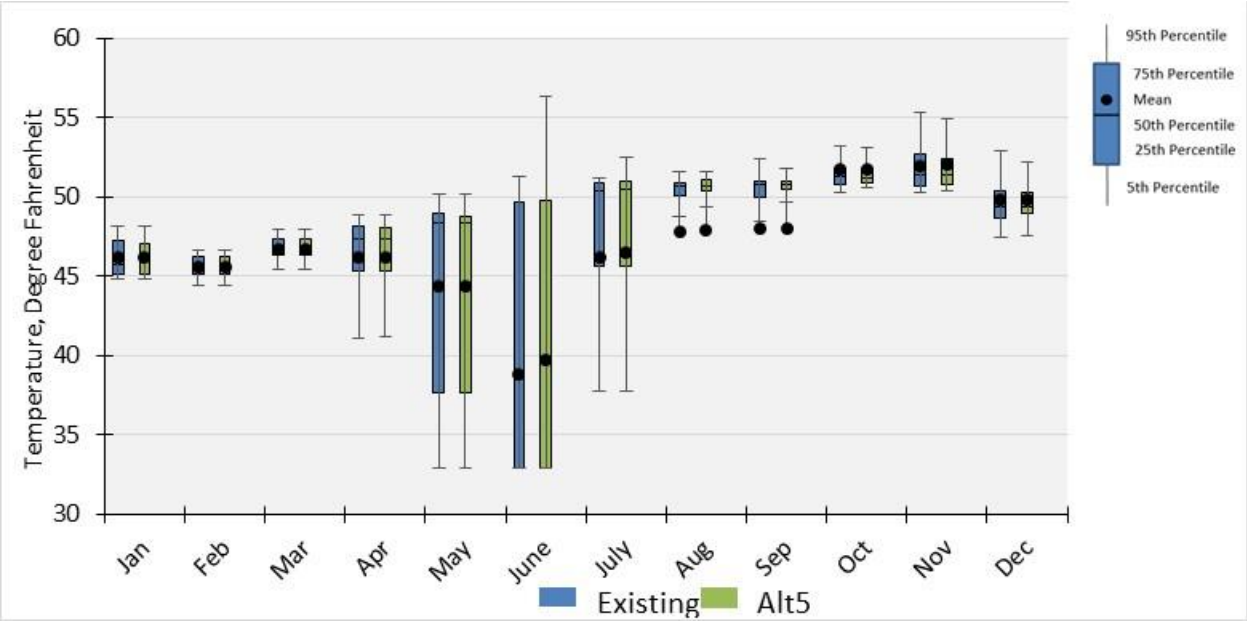
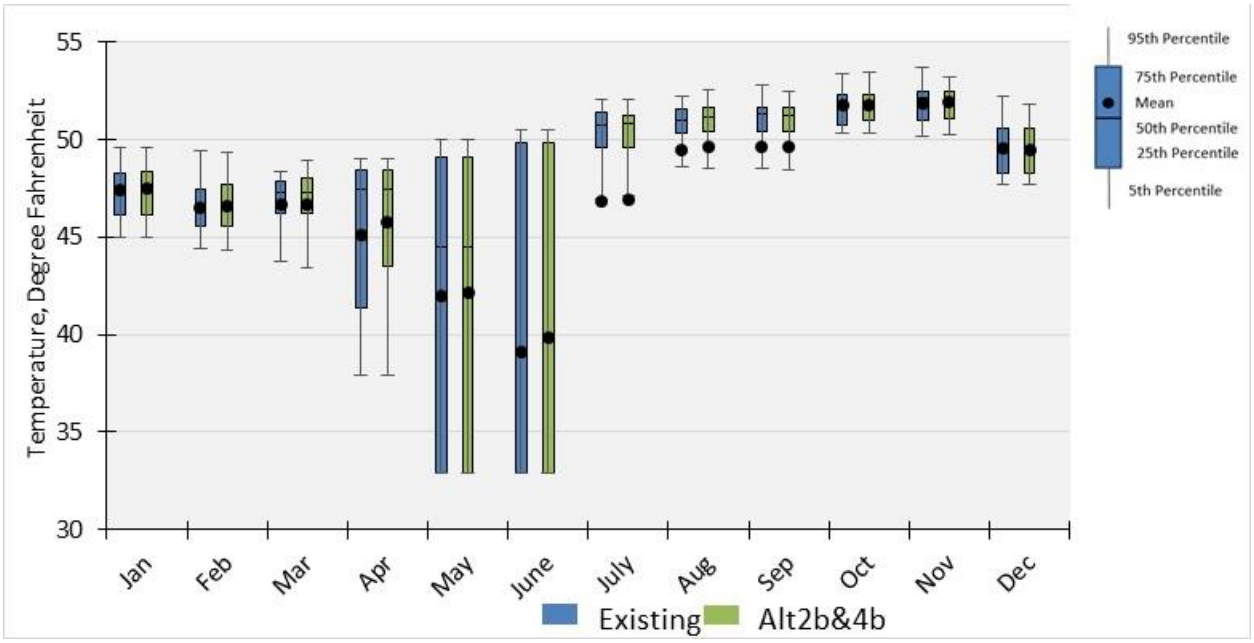


Figure 5A-D1.9.28. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



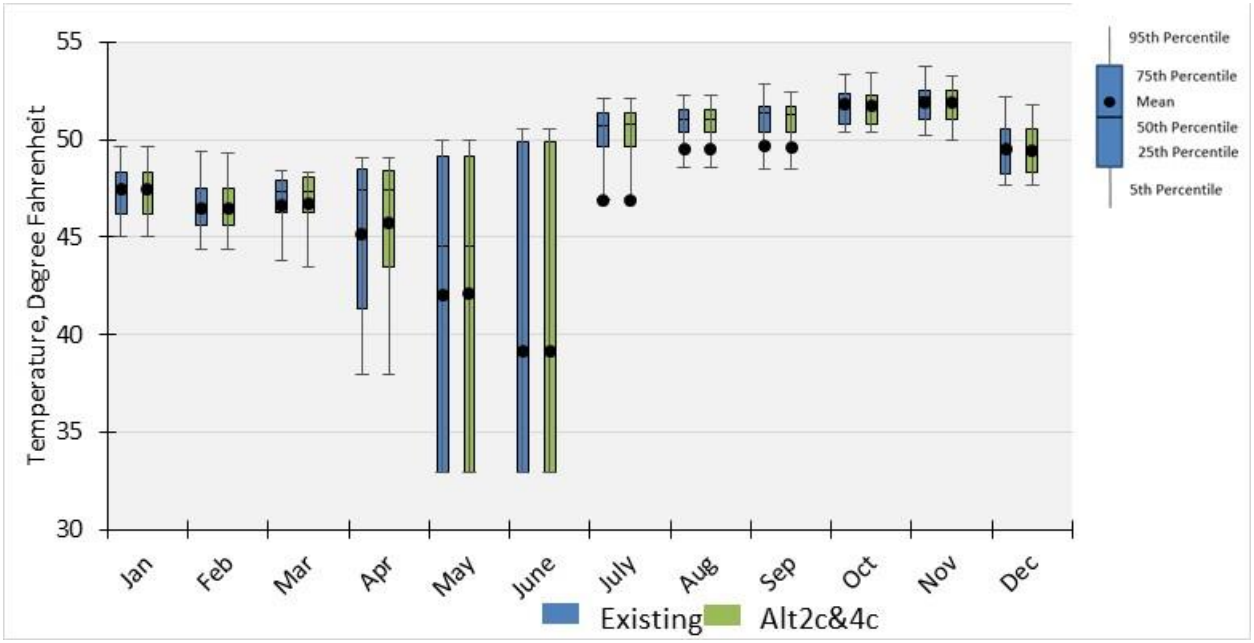
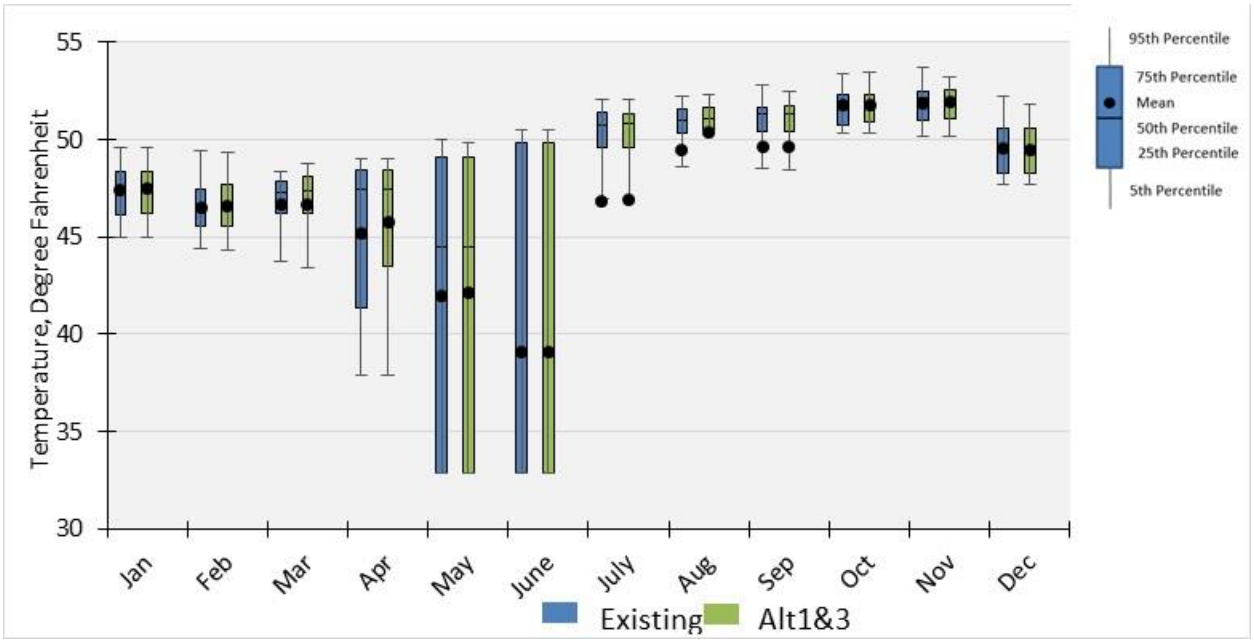


Figure 5A-D1.9.29. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



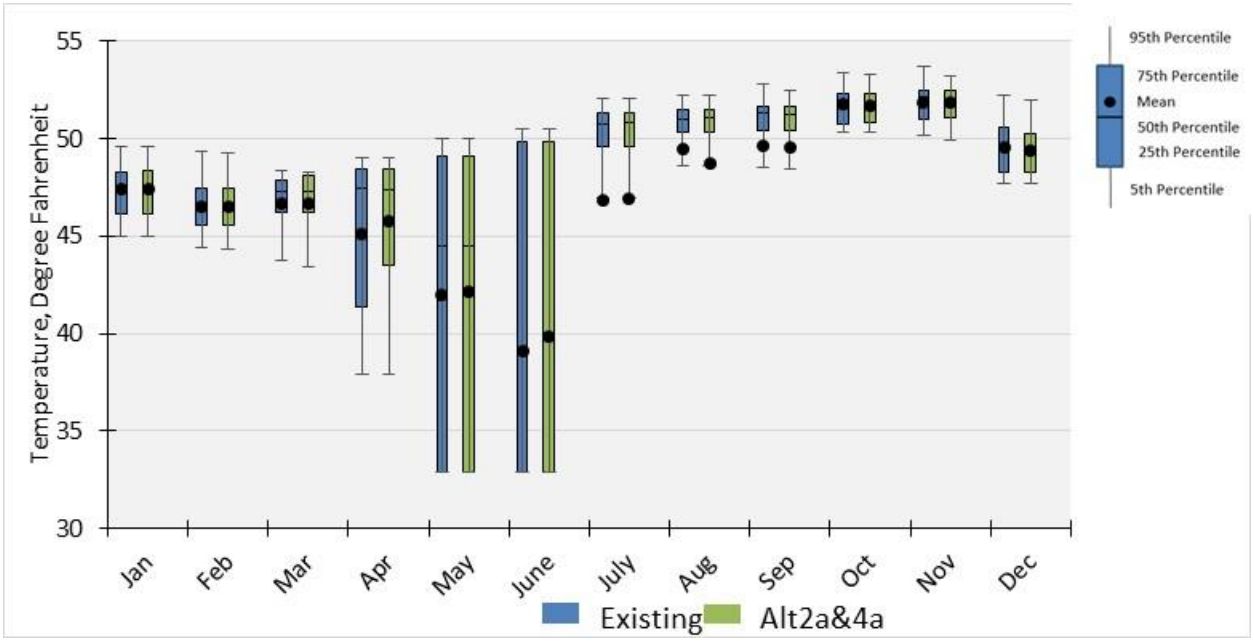


Figure 5A-D1.9.30. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

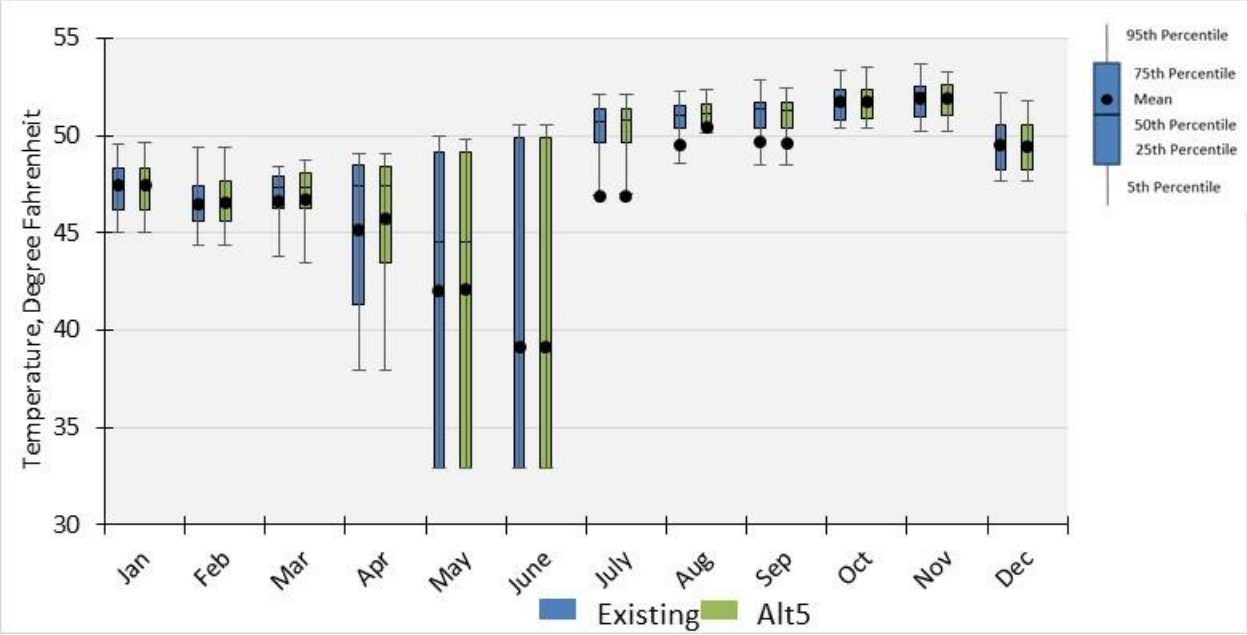
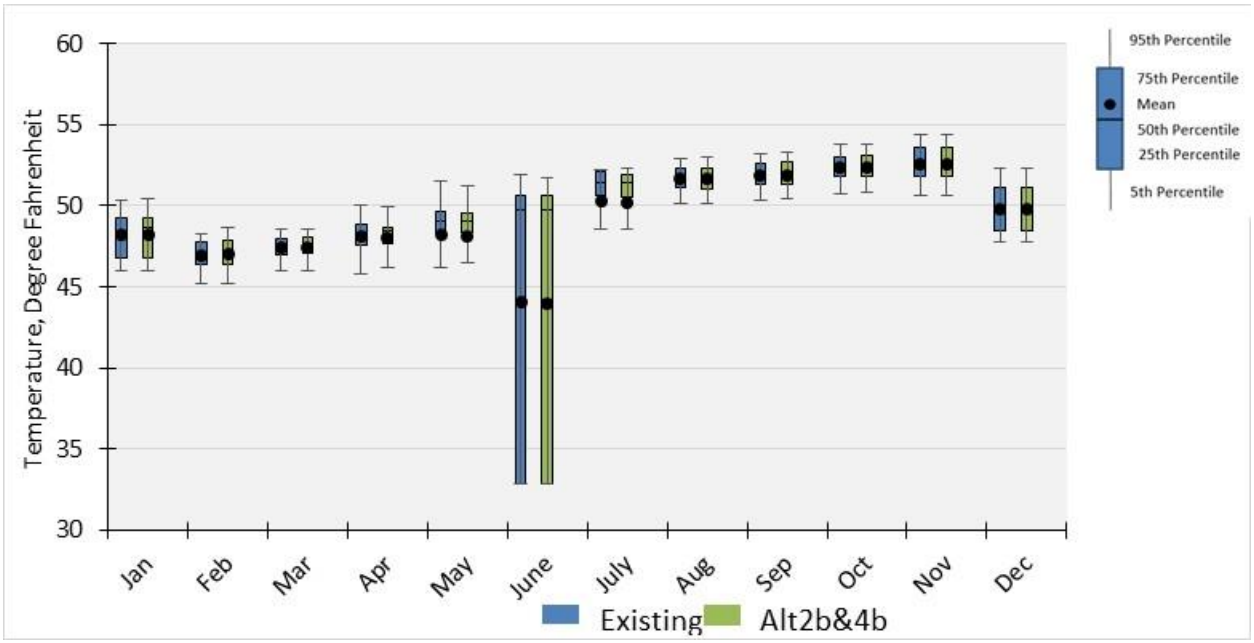


Figure 5A-D1.9.31. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



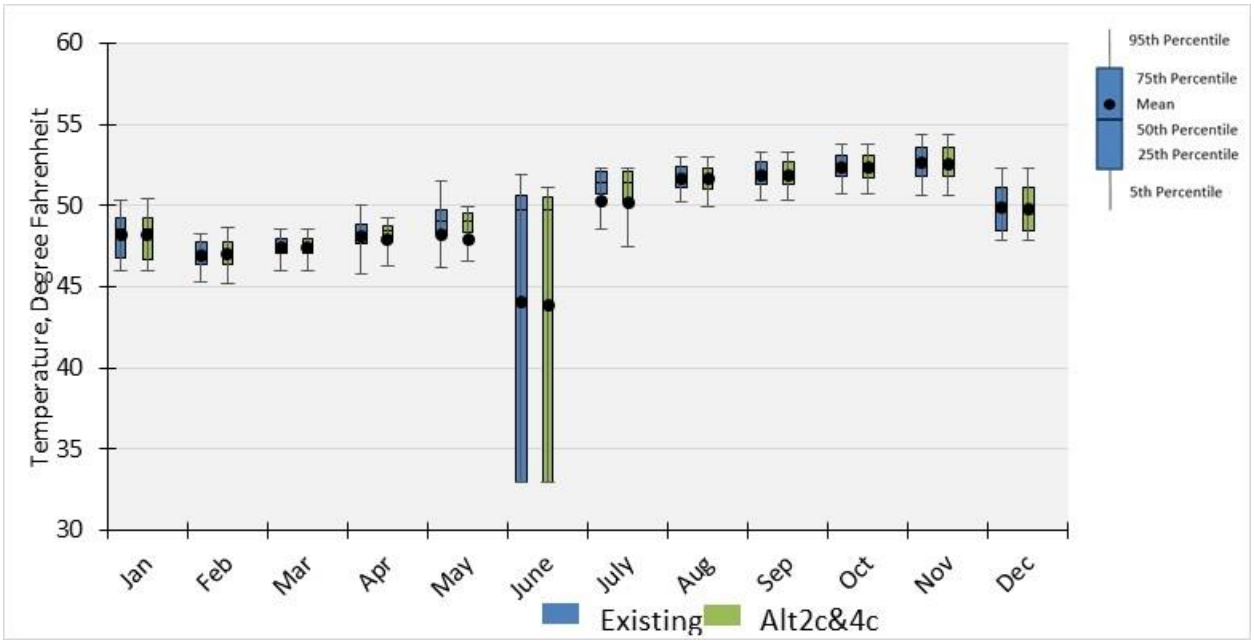
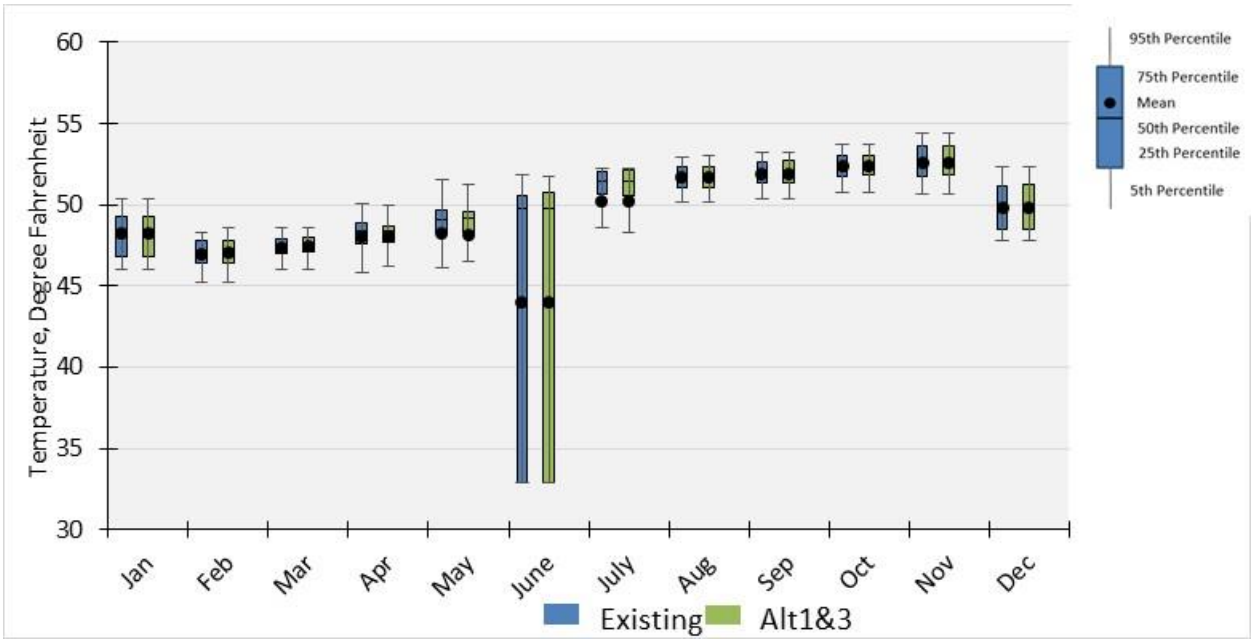


Figure 5A-D1.9.32. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



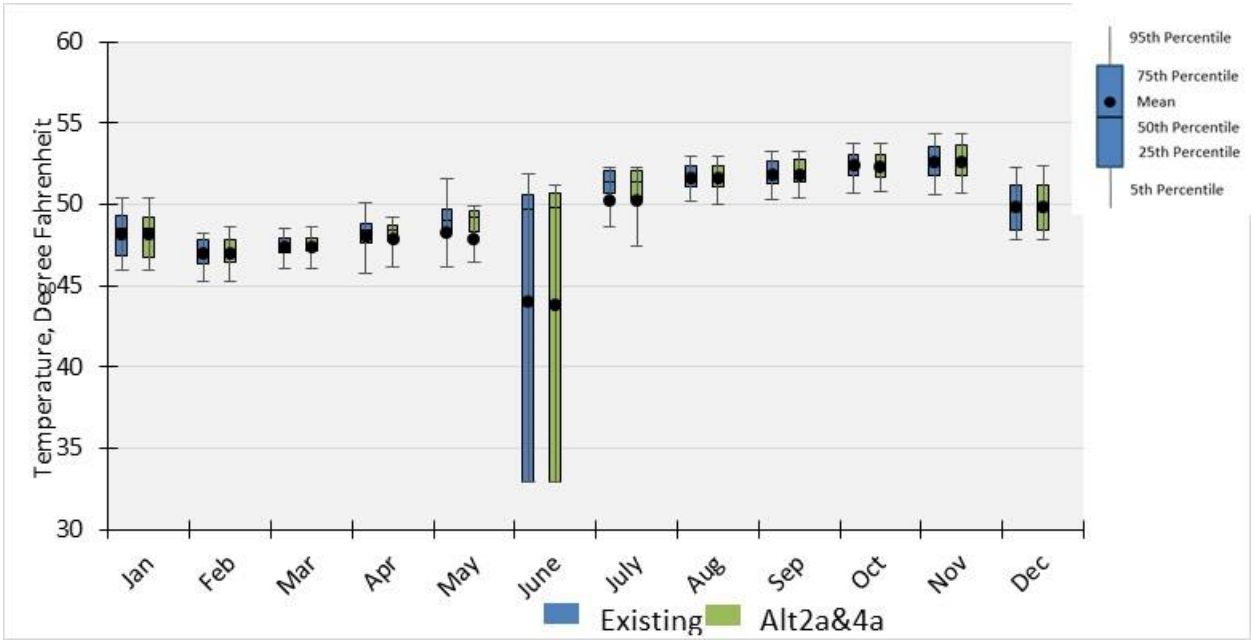


Figure 5A-D1.9.33. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

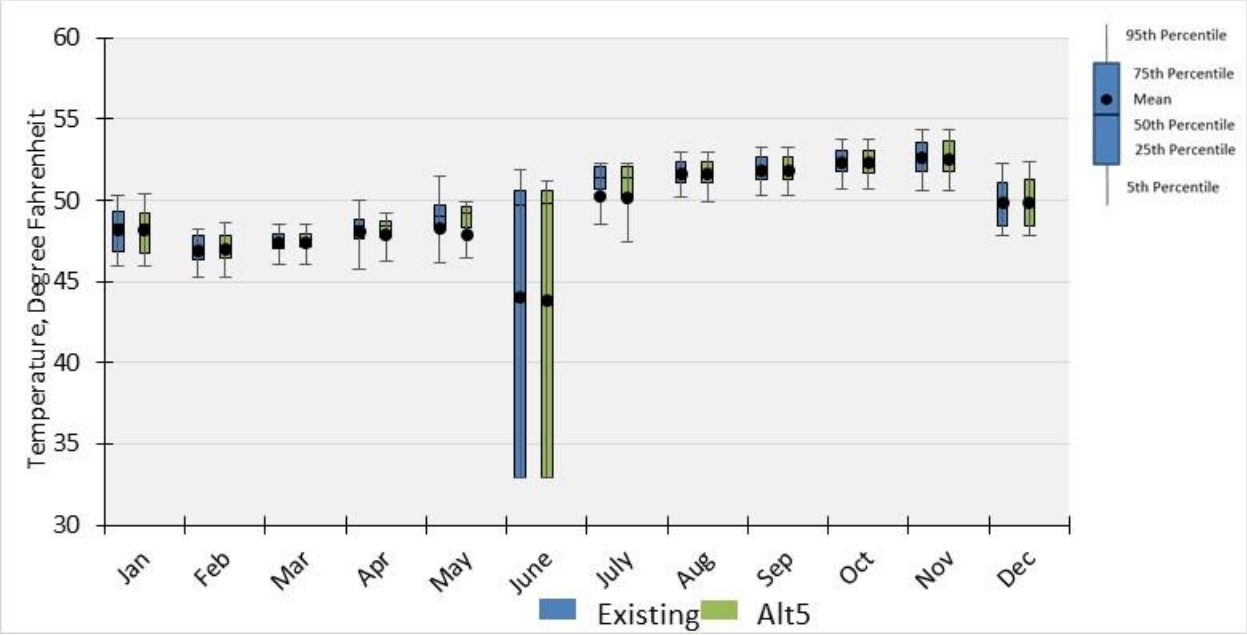
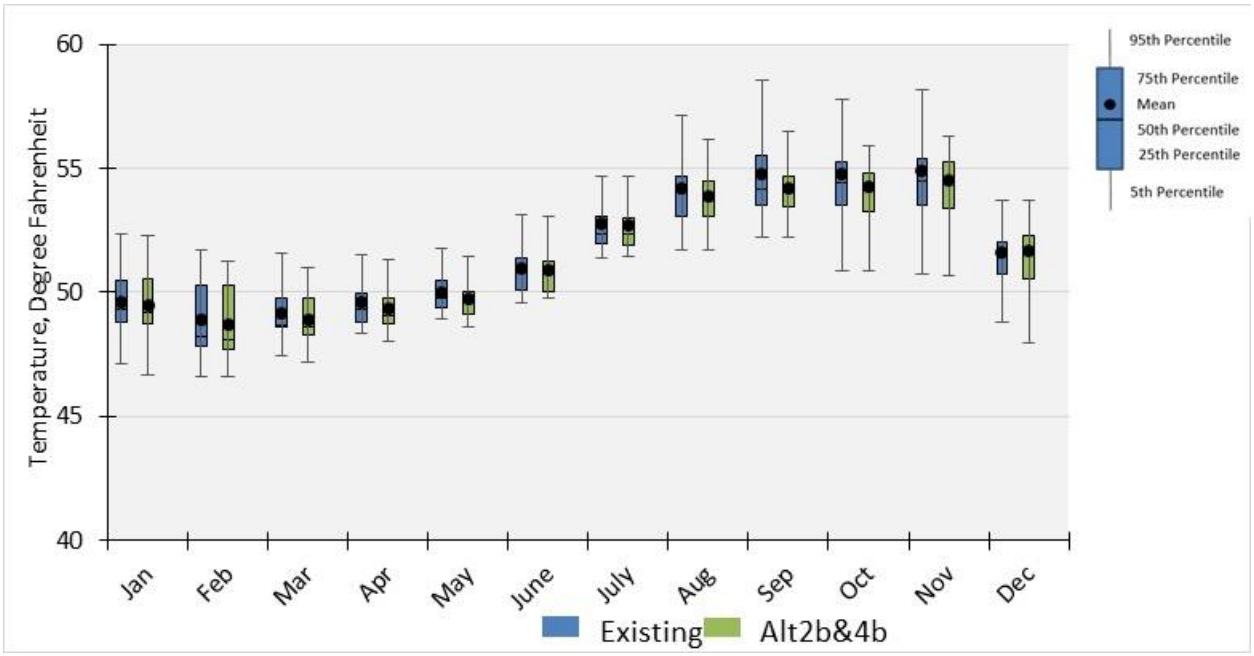


Figure 5A-D1.9.34. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



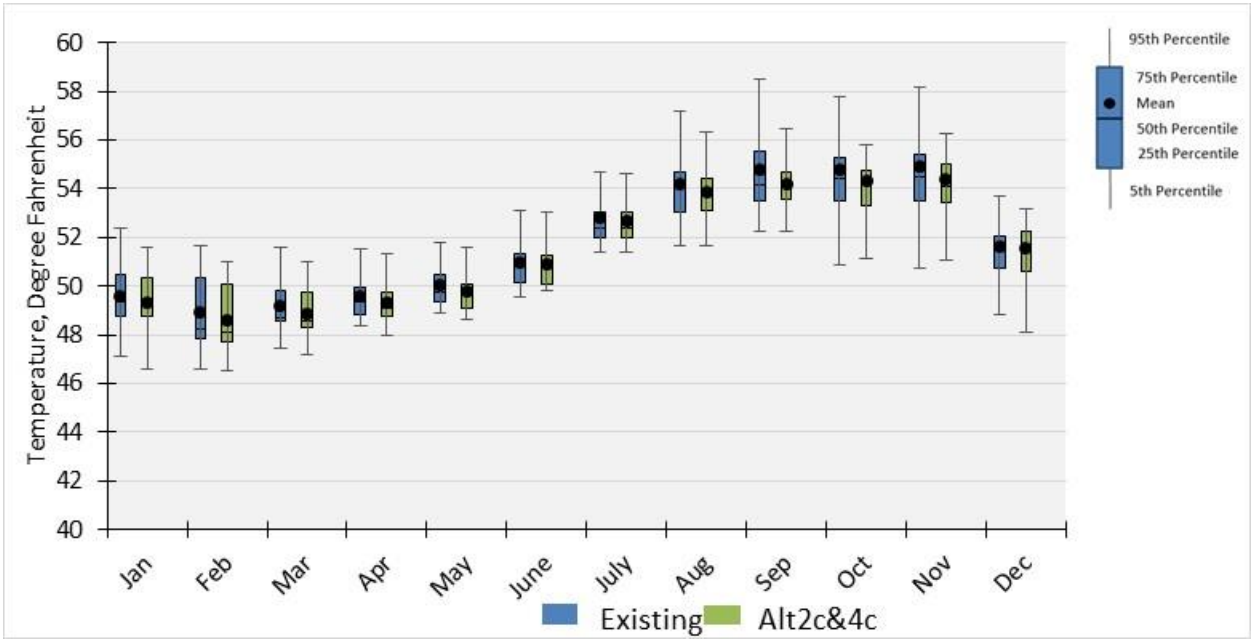
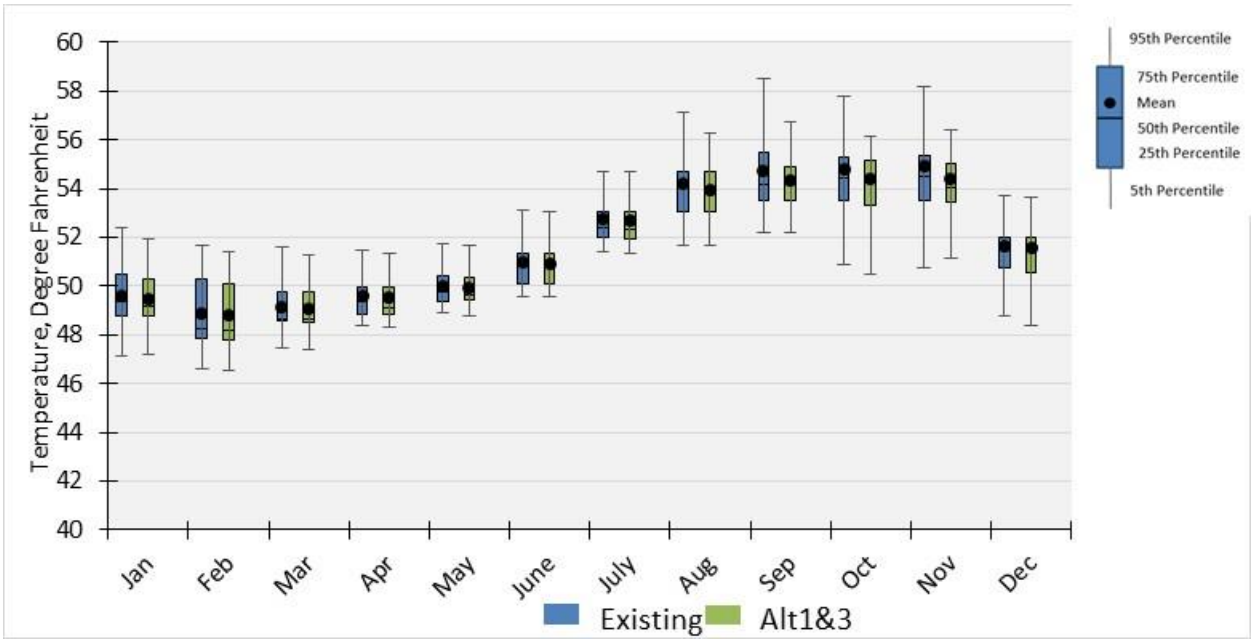


Figure 5A-D1.9.35. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



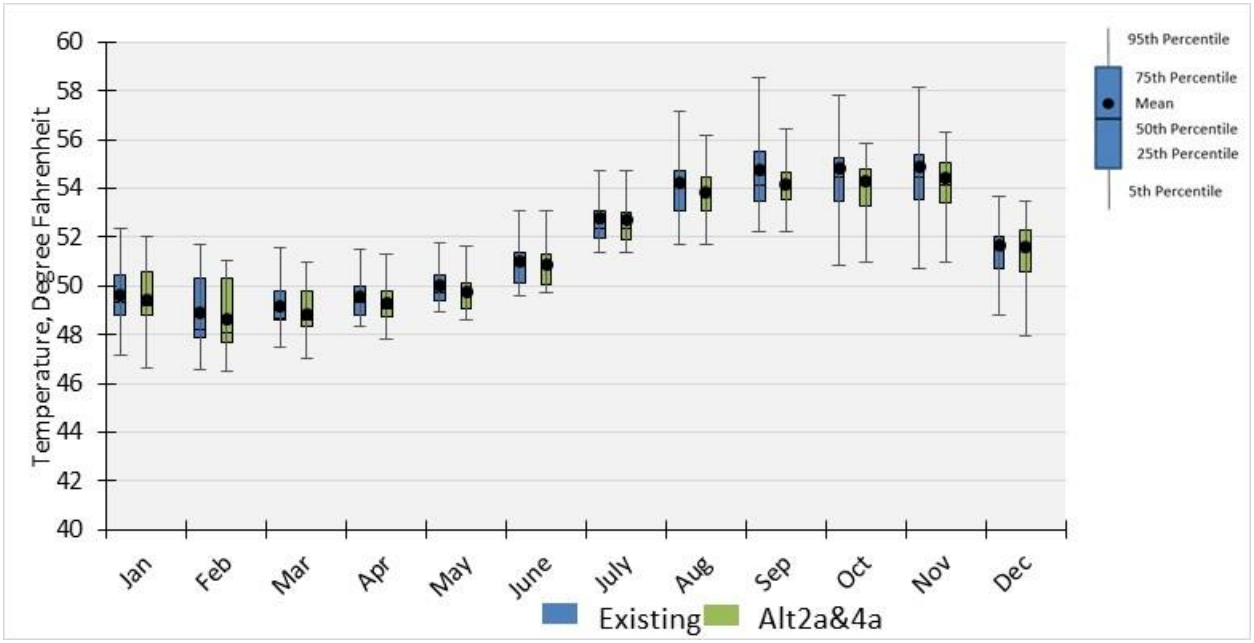


Figure 5A-D1.9.36. Clear Creek at Spring Creek Tunnel, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

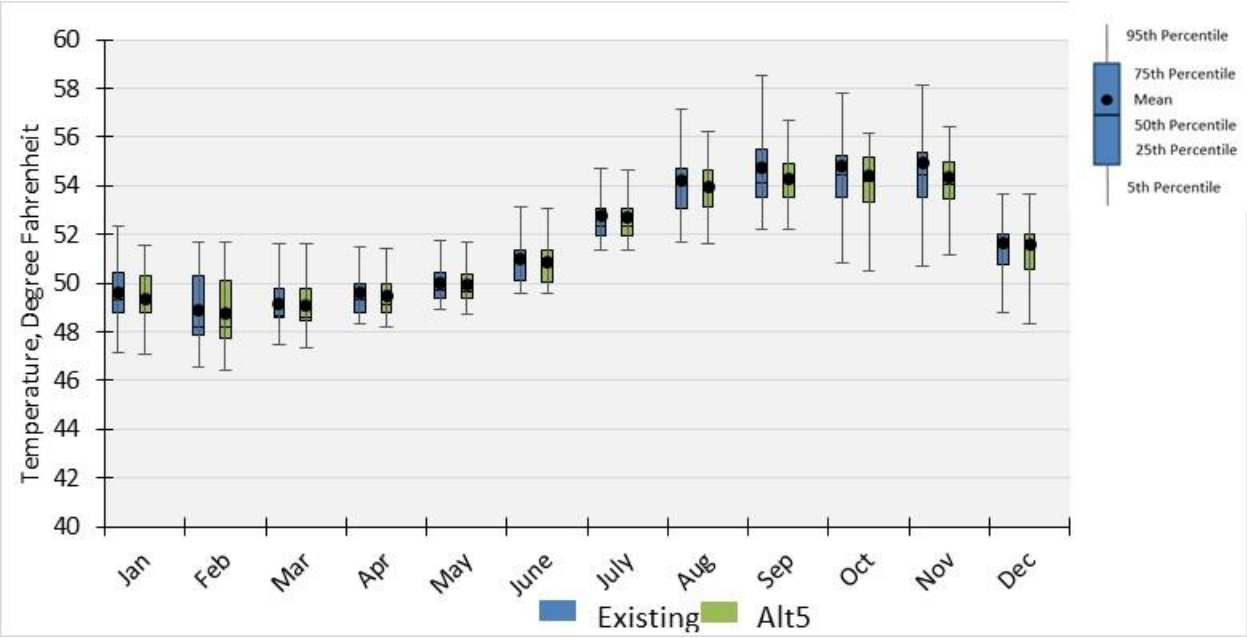
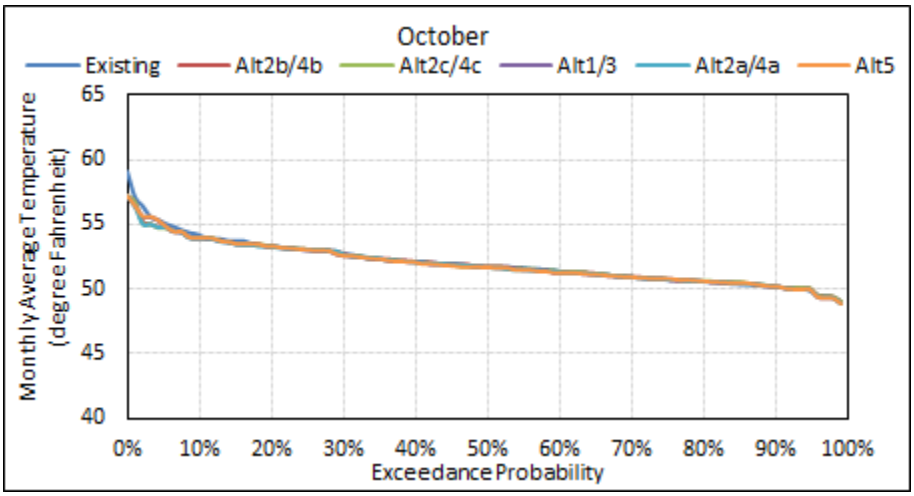
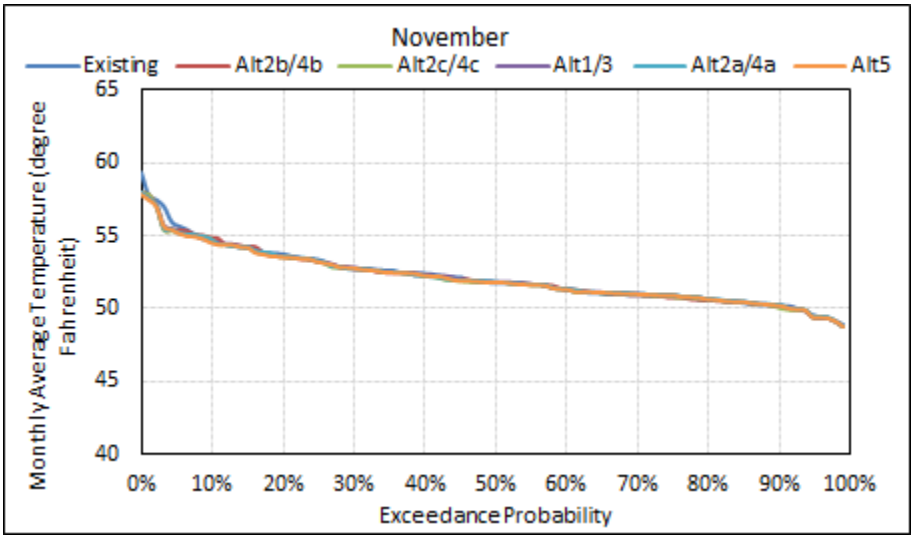


Figure 5A-D1.9.37-A. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





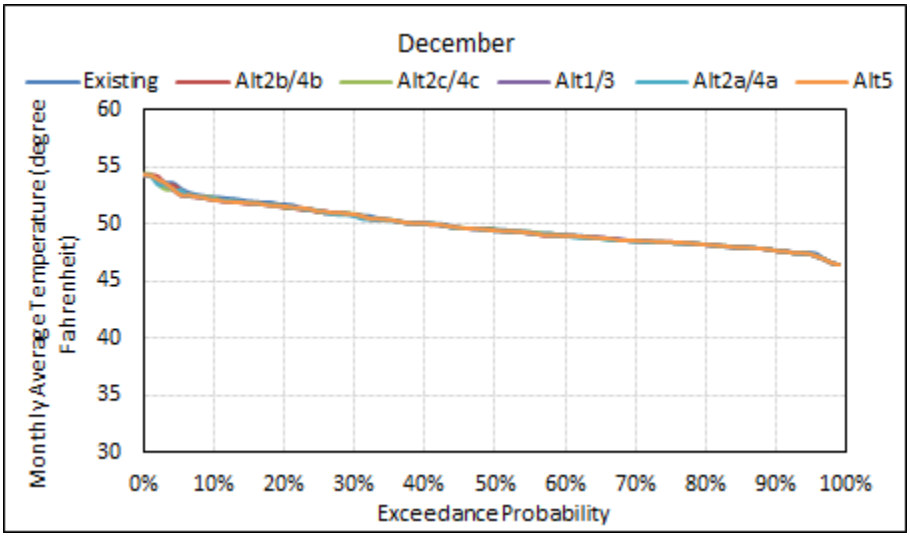
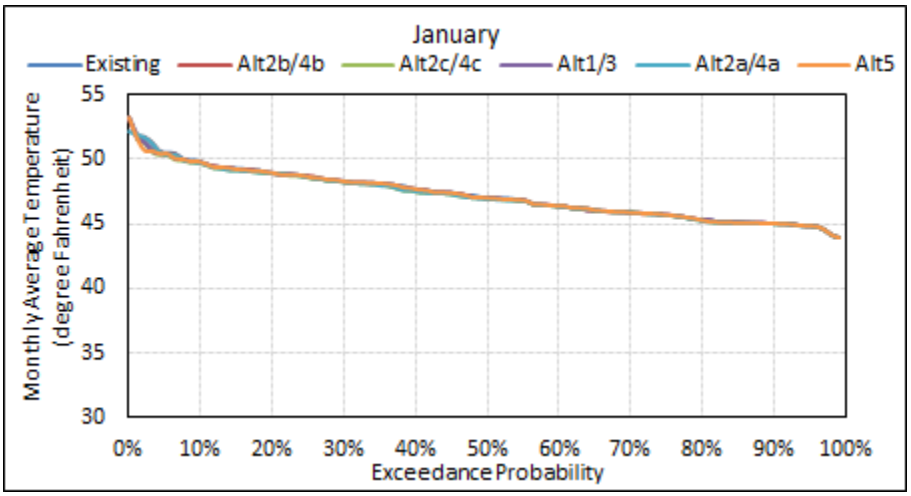
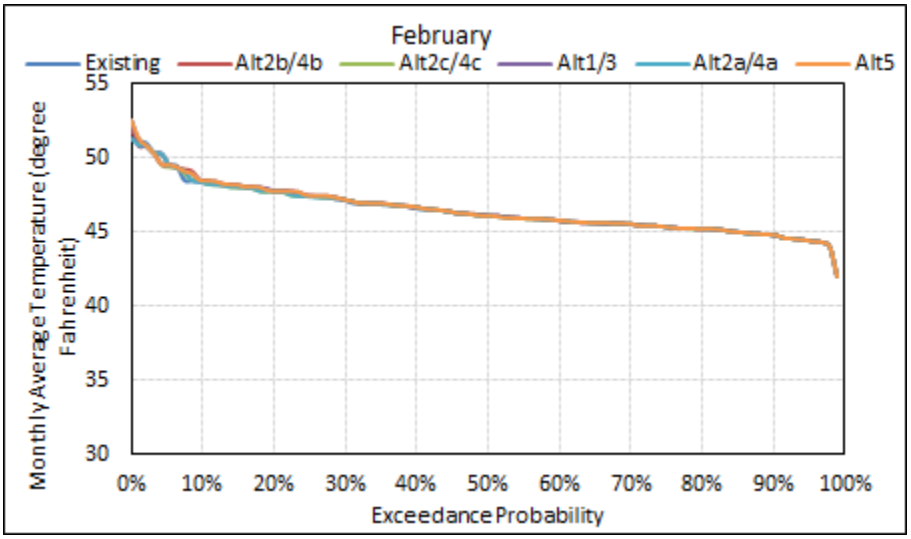


Figure 5A-D1.9.37-B. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





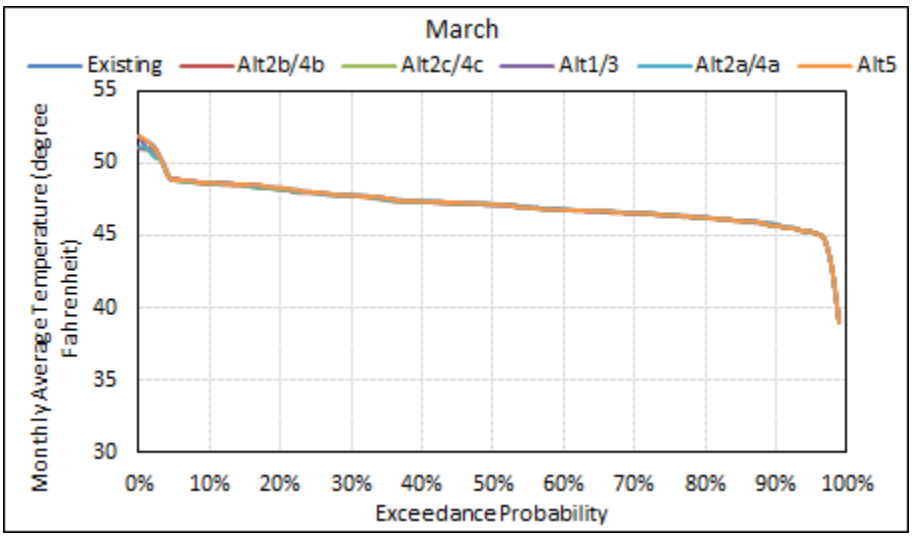
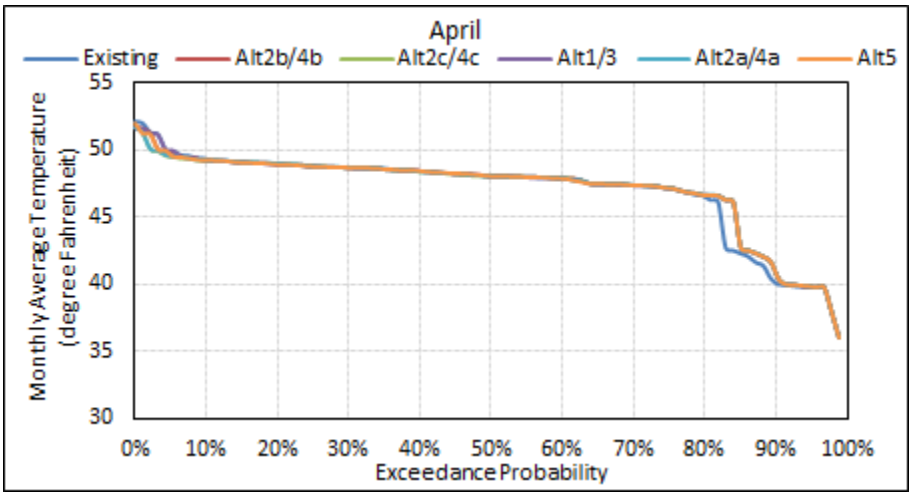
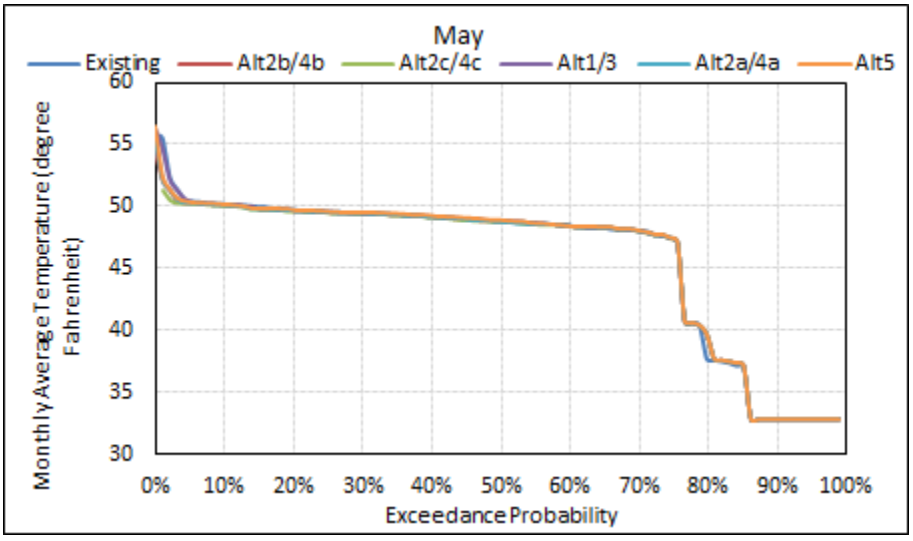


Figure 5A-D1.9.37-C. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





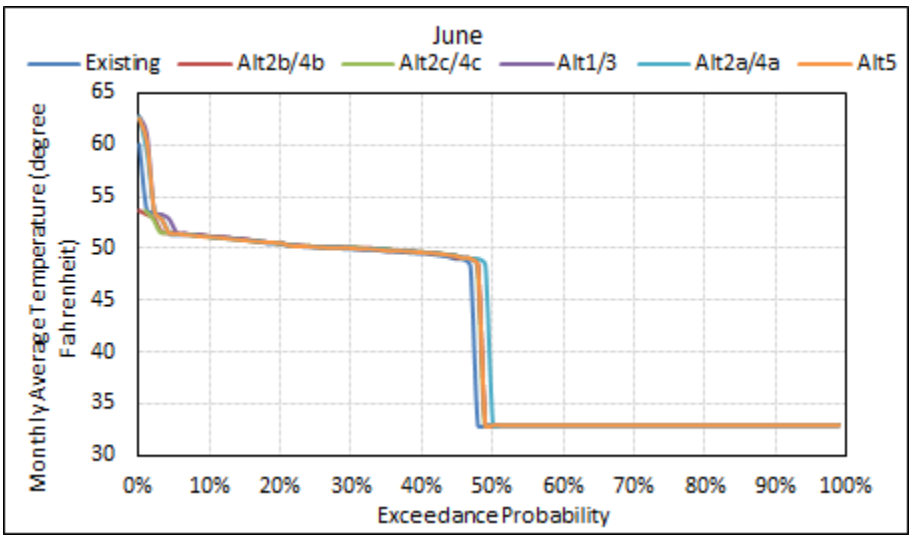
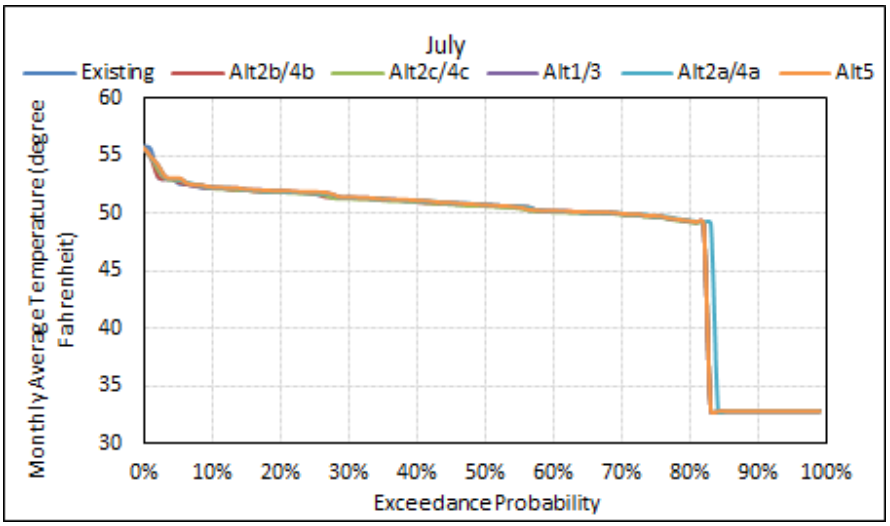
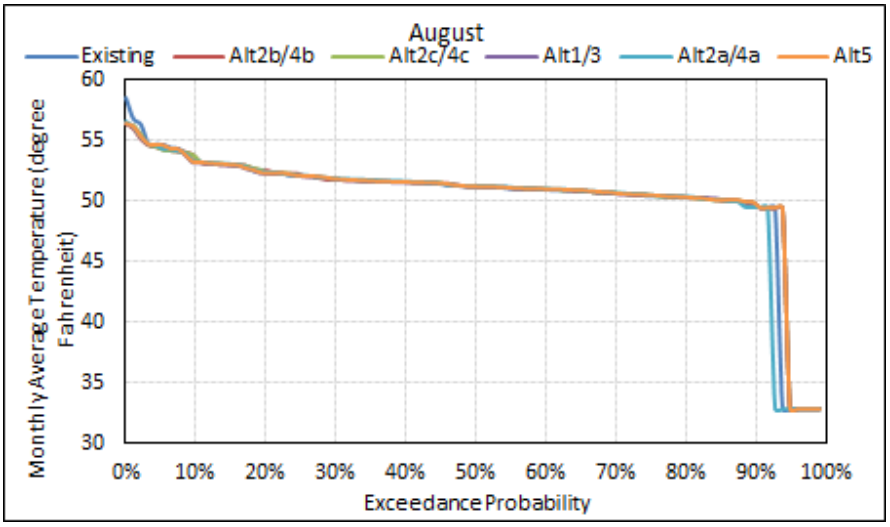


Figure 5A-D1.9.37-D. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





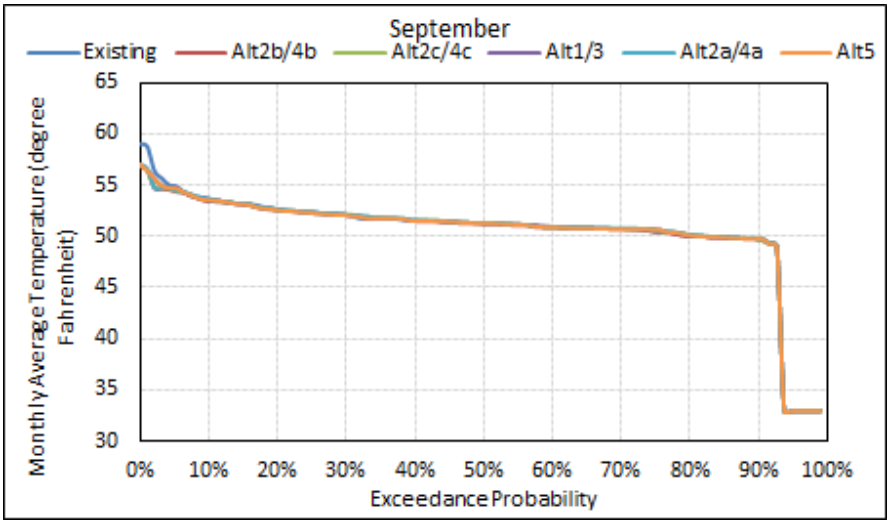


Figure 5A-D1.9.38. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

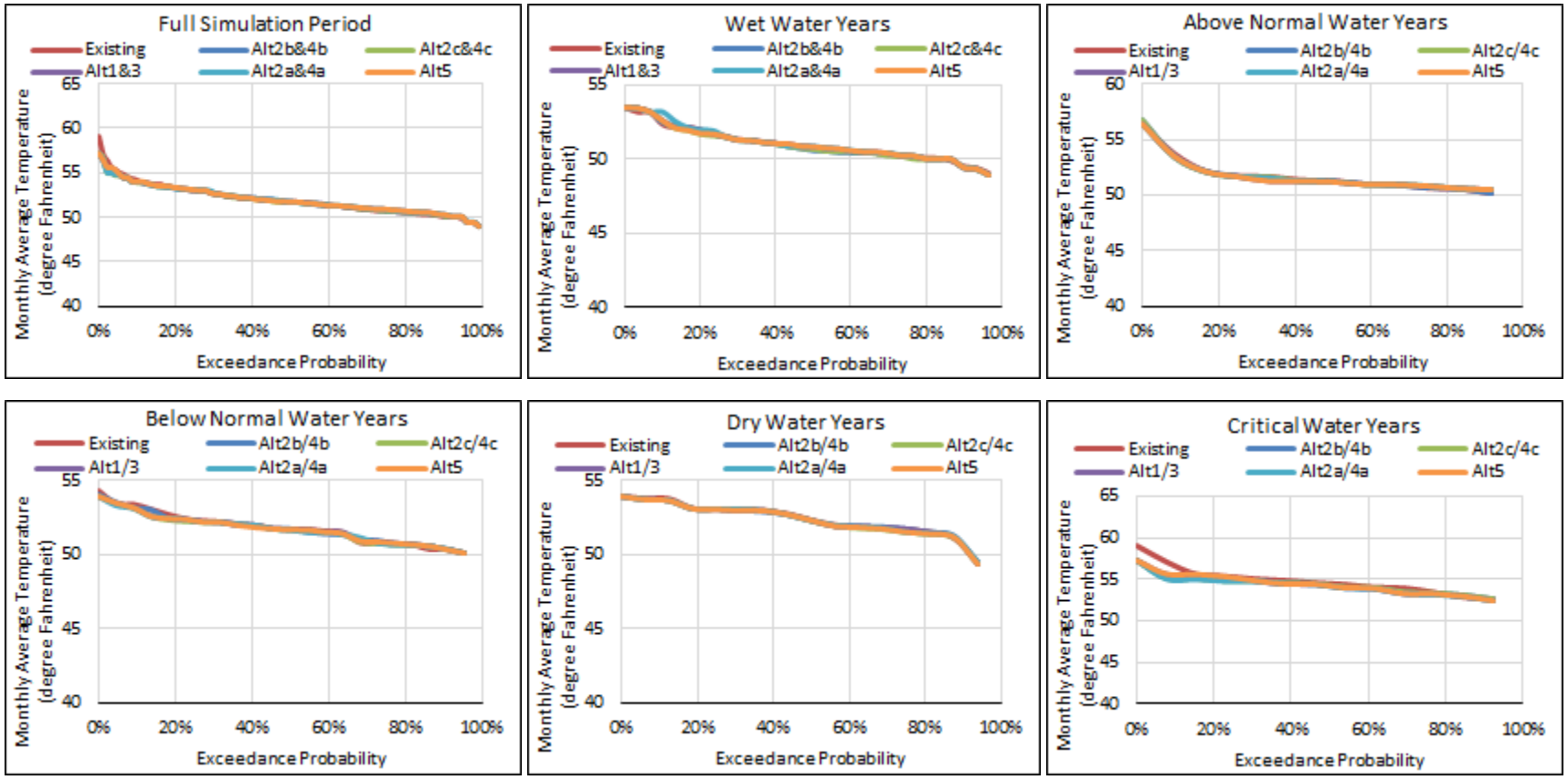


Figure 5A-D1.9.39. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

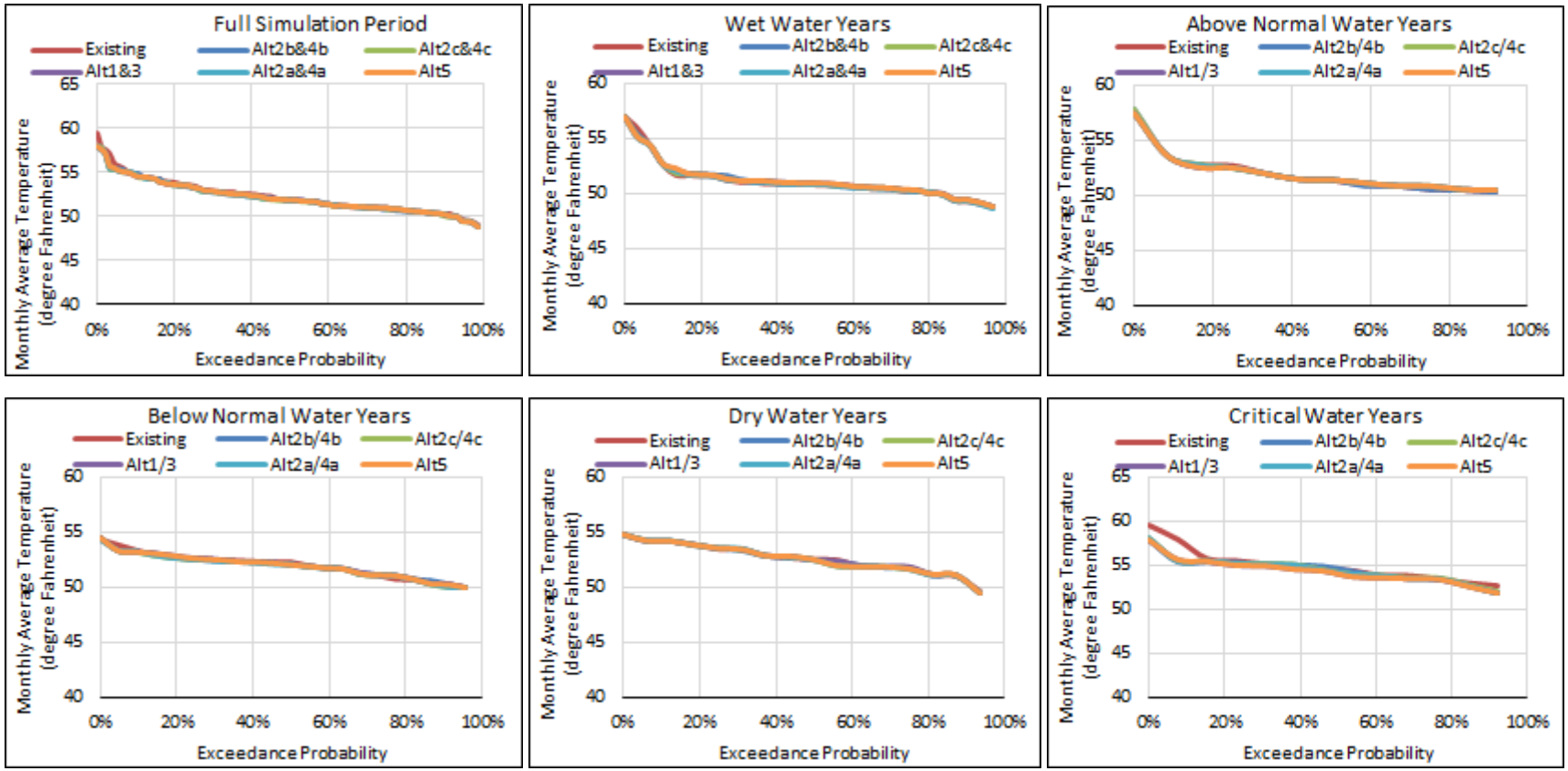


Figure 5A-D1.9.40. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

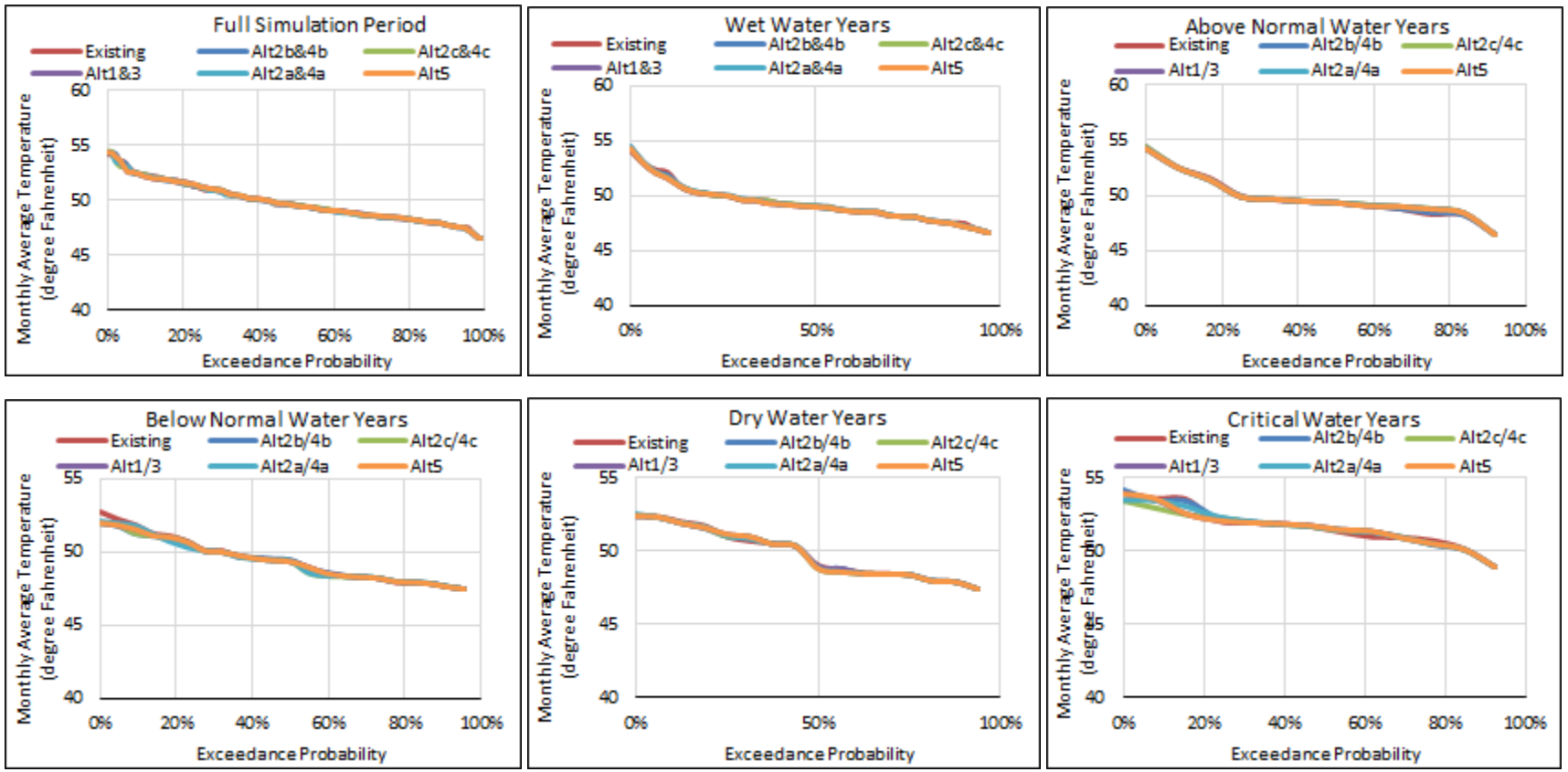


Figure 5A-D1.9.41. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

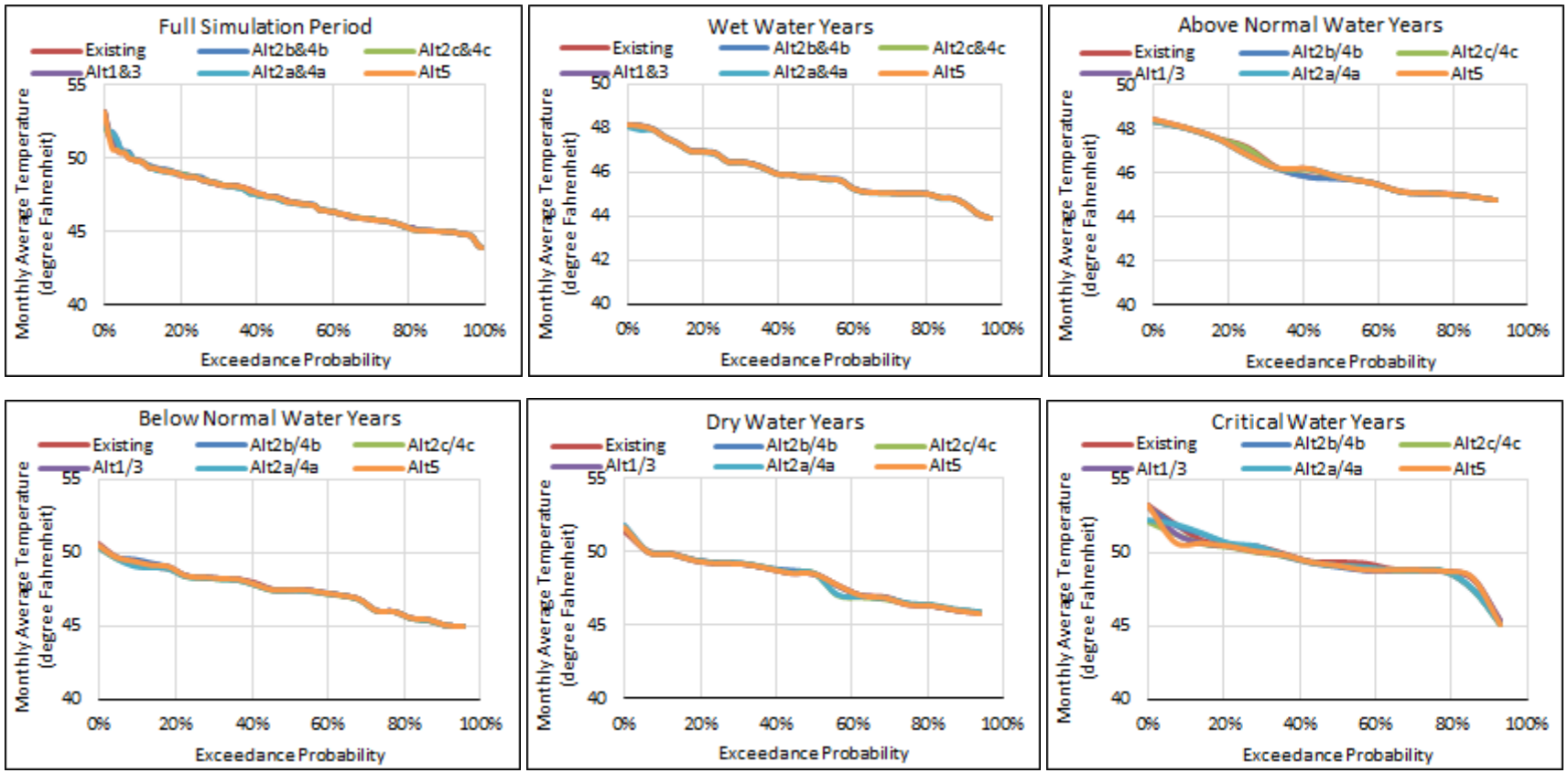


Figure 5A-D1.9.42. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

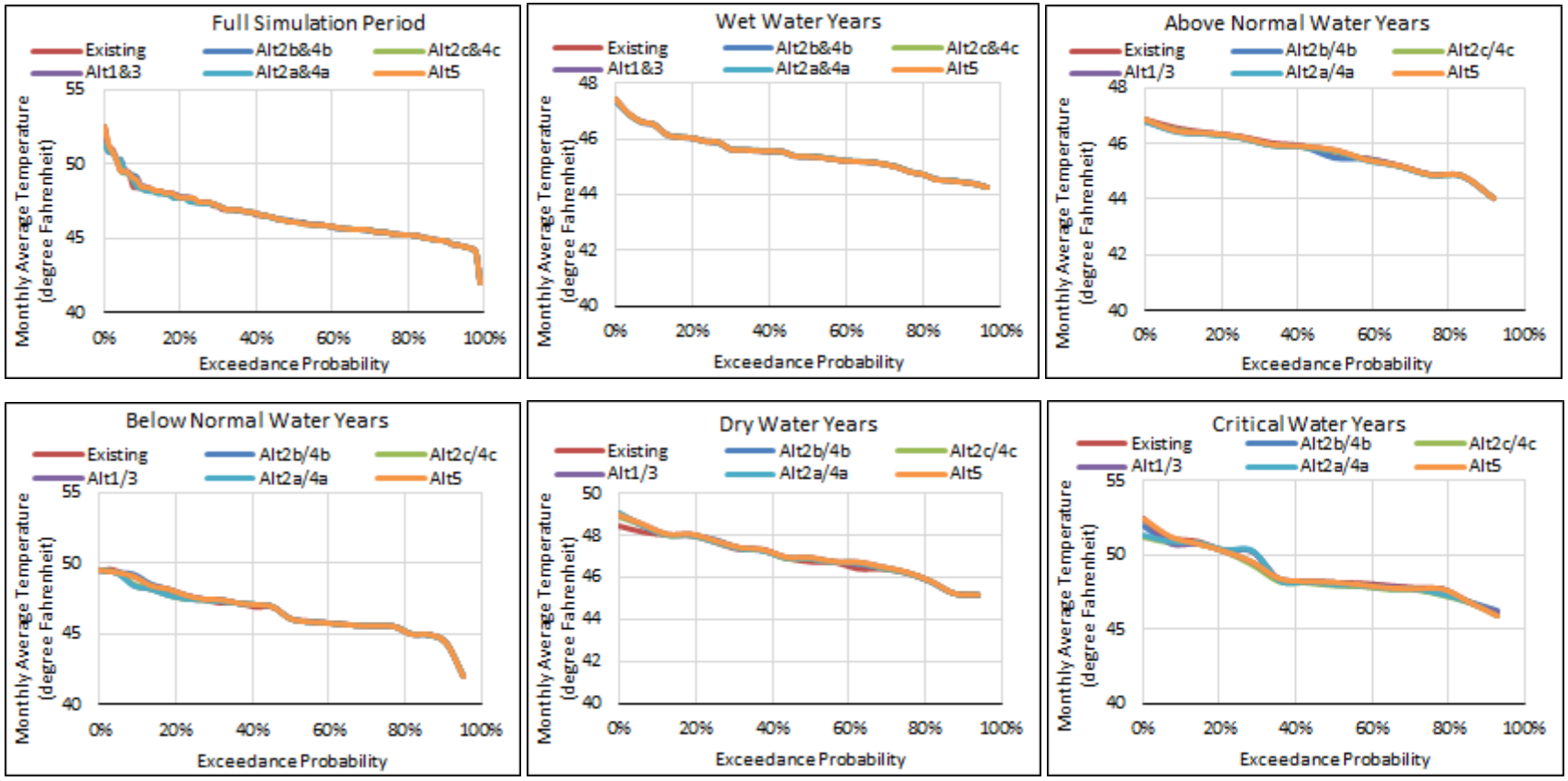


Figure 5A-D1.9.43. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

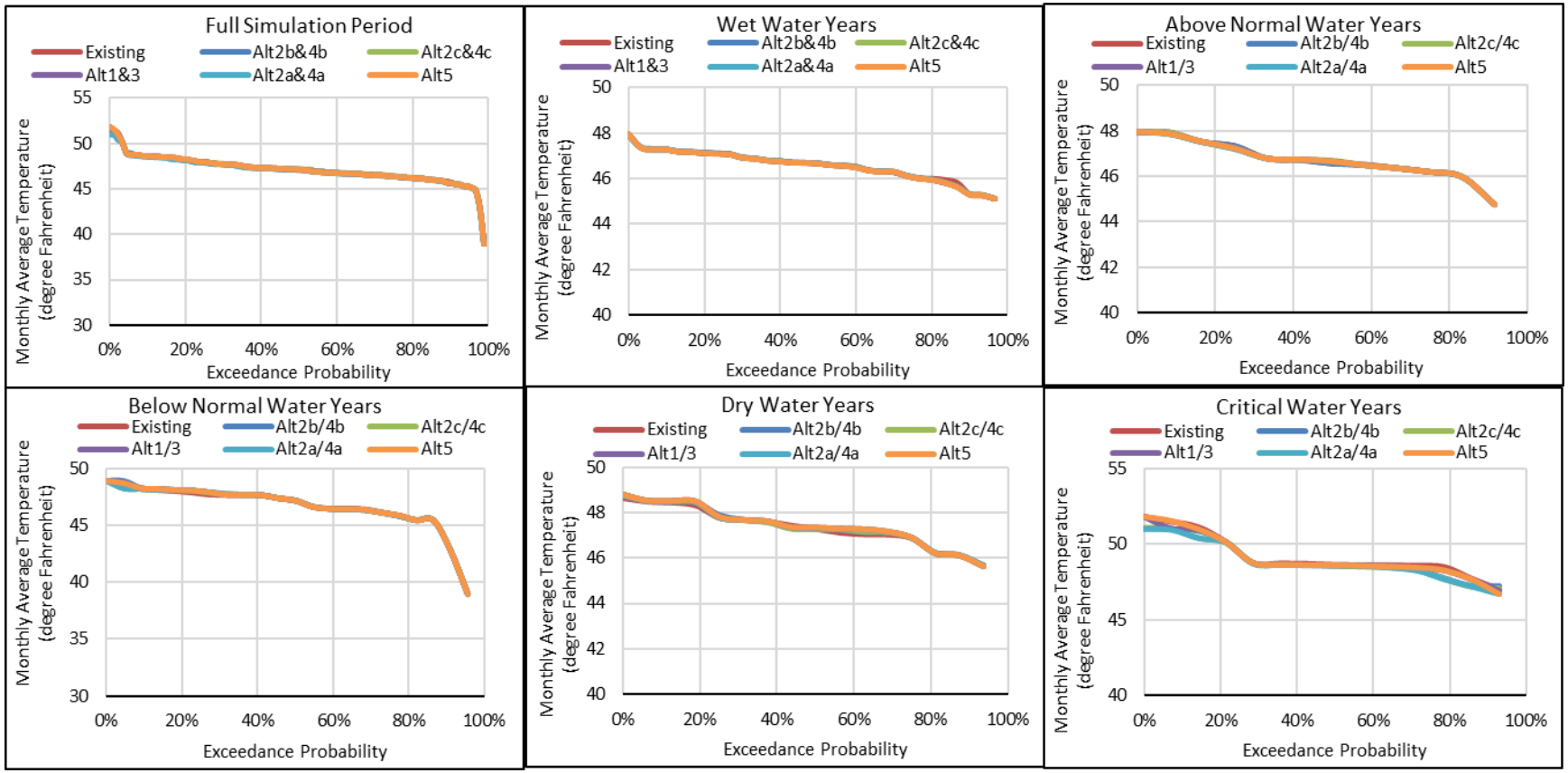


Figure 5A-D1.9.44. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

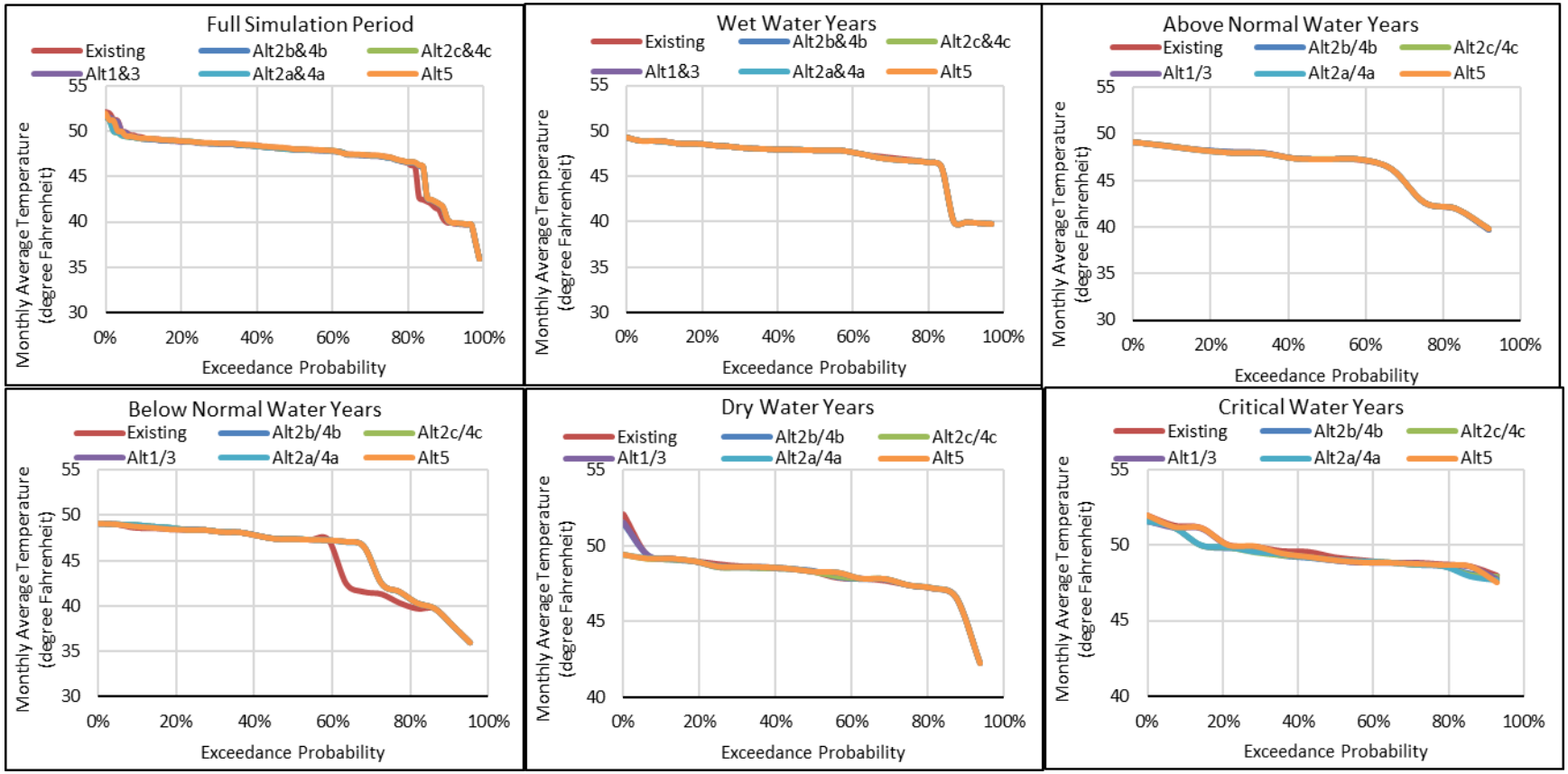


Figure 5A-D1.9.45. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

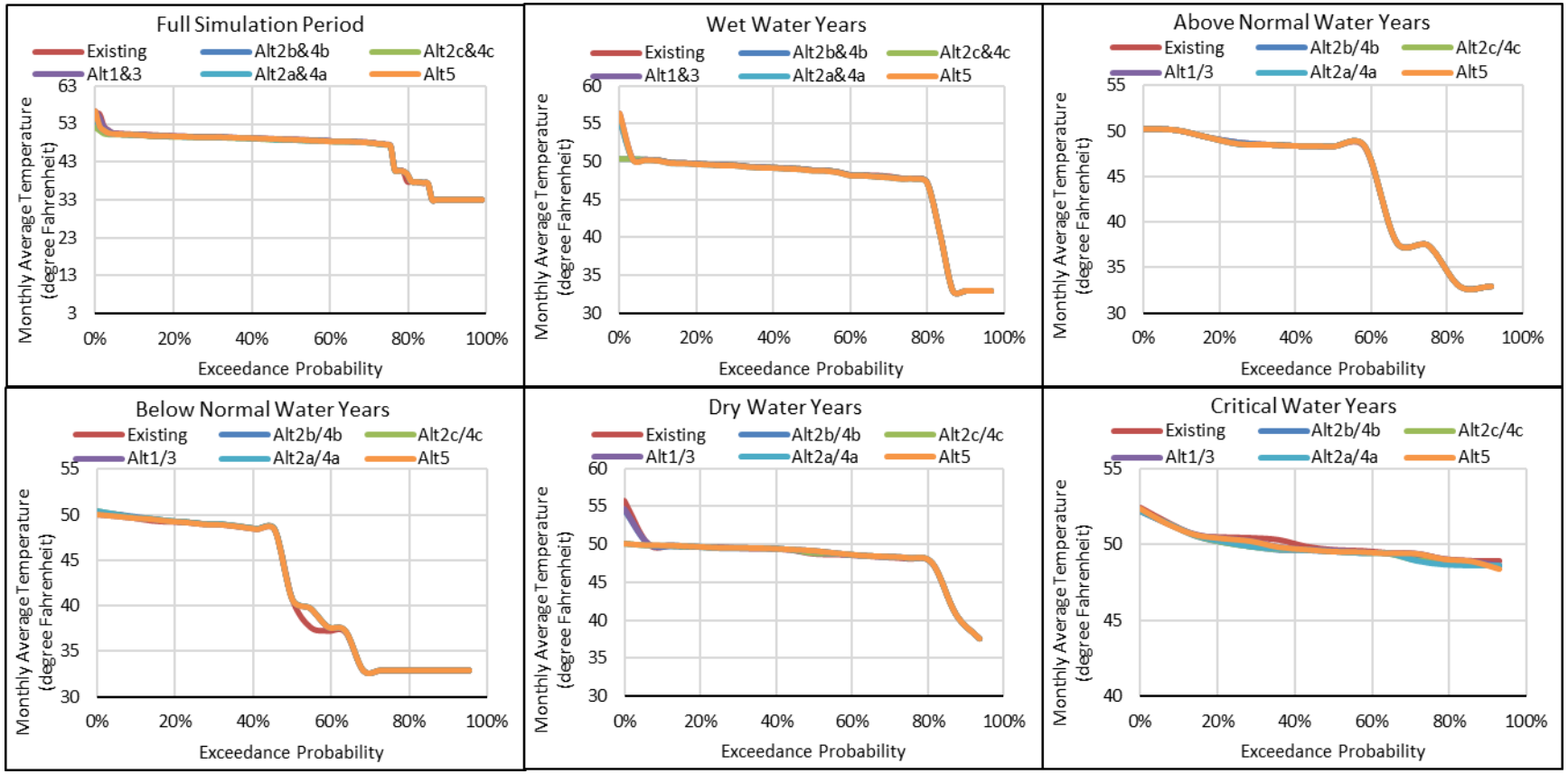


Figure 5A-D1.9.46. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

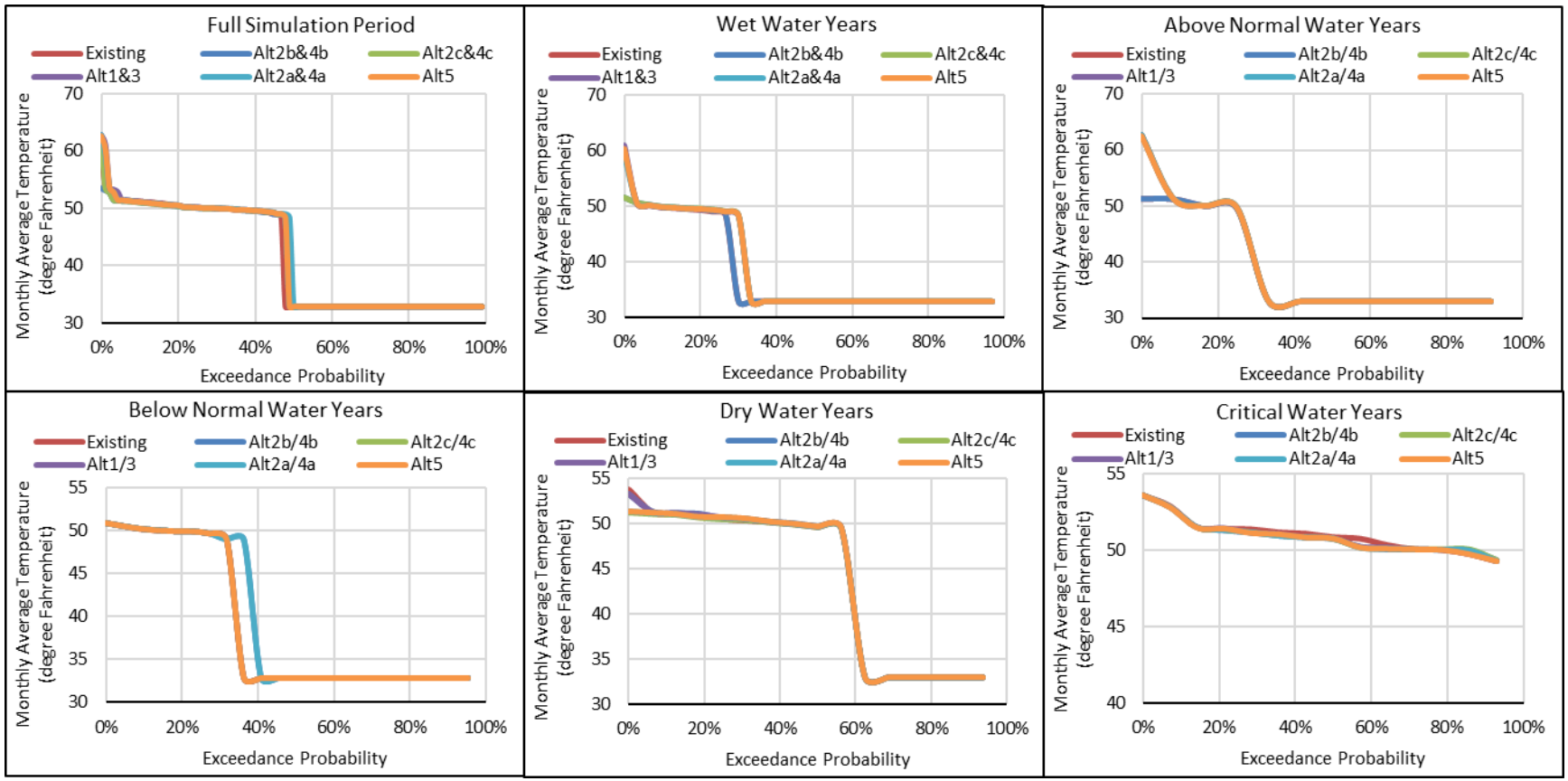


Figure 5A-D1.9.47. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

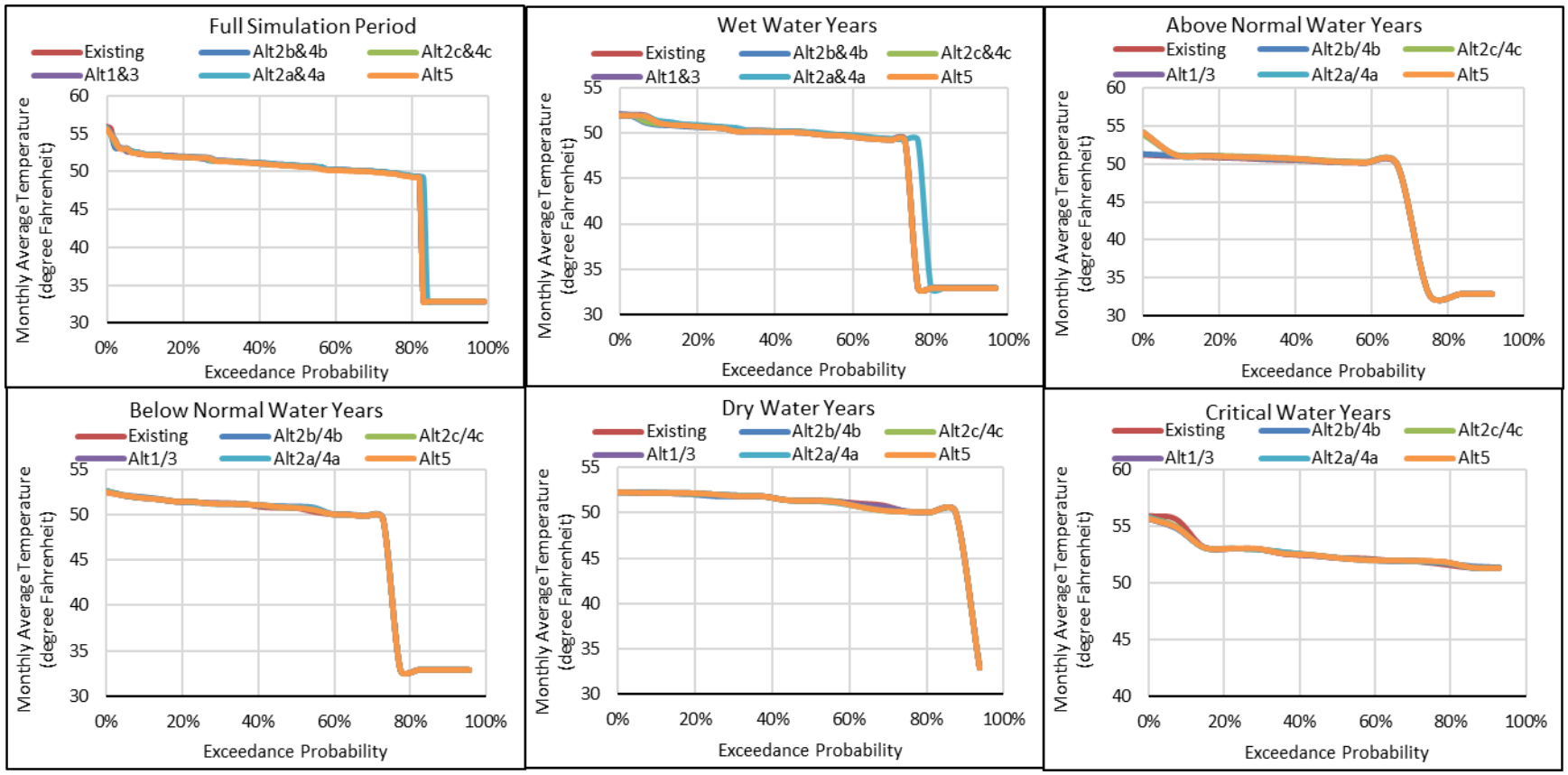


Figure 5A-D1.9.48. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

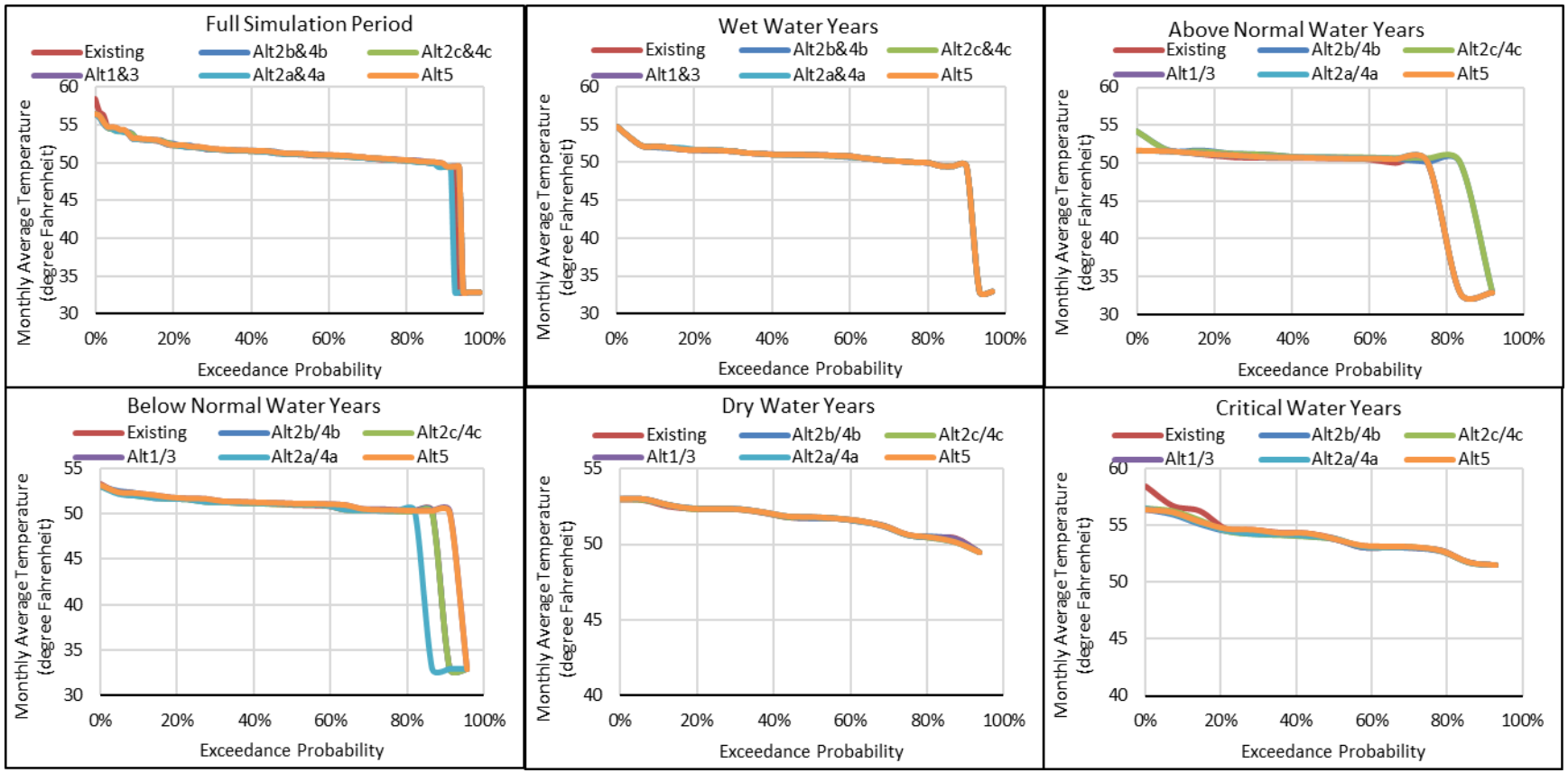
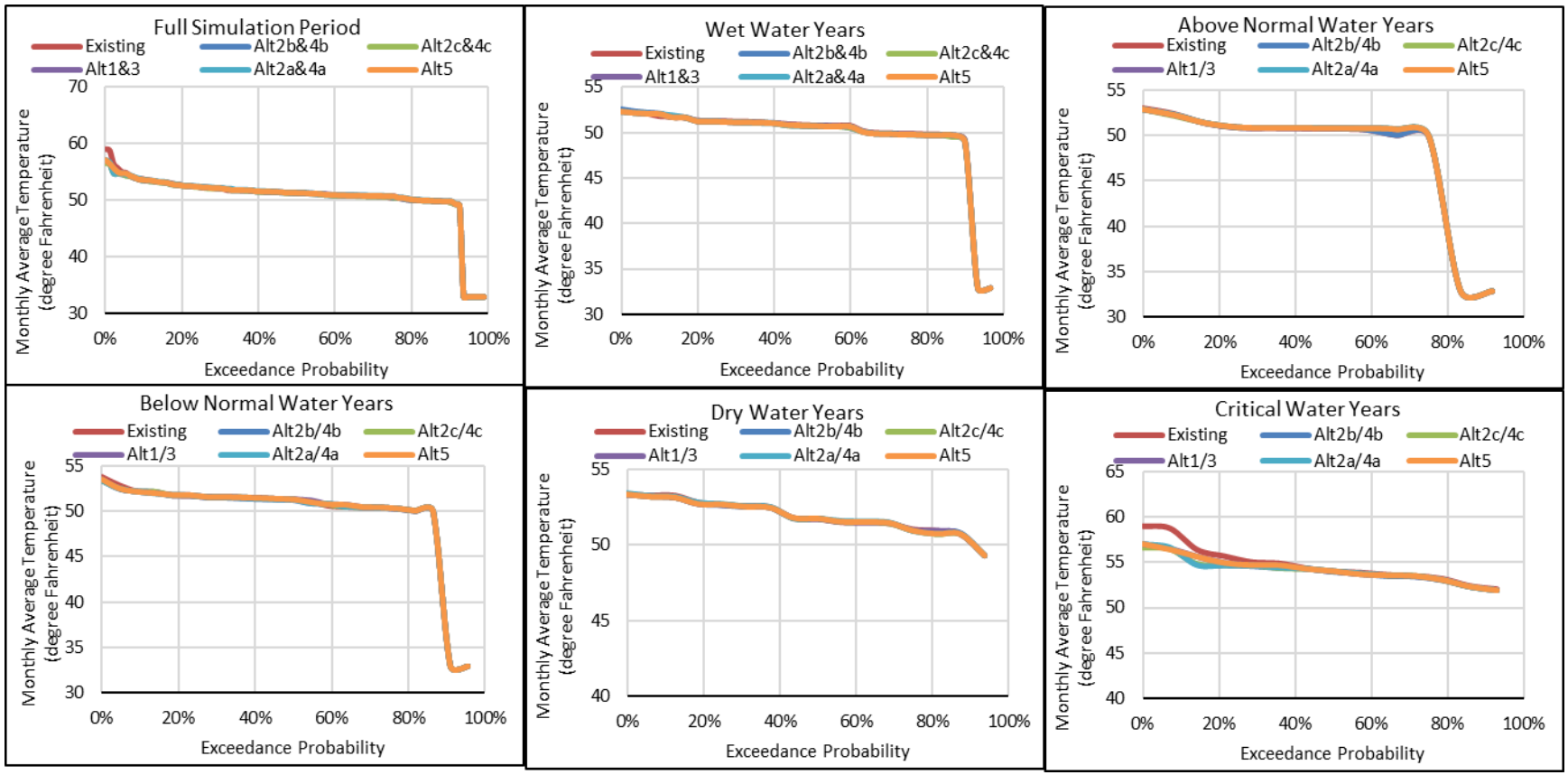


Figure 5A-D1.9.49. Clear Creek at Spring Creek Tunnel, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.10 Clear Creek at Whiskeytown

Table 5A-D1.10.1-A. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.4	51.1	47.8	45.4	45.6	46.7	48.0	48.9	49.6	51.4	52.2	52.7
20%	51.8	50.6	47.4	45.0	45.1	46.3	47.5	48.7	49.3	50.8	51.5	51.6
30%	51.1	50.2	46.8	44.8	44.8	46.0	47.3	48.4	49.1	50.6	50.9	50.9
40%	50.3	49.7	46.5	44.4	44.6	45.7	47.0	48.2	48.7	50.3	50.7	50.4
50%	50.0	49.2	46.3	44.2	44.4	45.5	46.8	47.9	48.5	50.1	50.3	50.2
60%	49.7	49.0	46.0	44.0	44.1	45.3	46.6	47.7	48.3	49.8	49.9	49.8
70%	49.2	48.8	45.7	43.8	43.8	45.1	46.3	47.5	48.0	49.3	49.6	49.6
80%	48.9	48.3	45.4	43.5	43.4	44.8	46.0	47.2	47.7	49.0	49.4	49.2
90%	48.5	47.6	45.1	43.0	43.2	44.3	45.7	46.7	47.3	48.7	49.1	48.8

Table 5A-D1.10.1-B. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.3	49.4	46.4	44.3	44.4	45.6	46.9	47.9	48.5	50.1	50.5	50.7
Wet Water Years	49.1	48.6	46.0	44.1	44.1	45.1	46.4	47.6	48.1	49.5	49.8	49.5
Above Normal Water Years	50.0	49.3	46.3	43.9	43.9	45.2	46.5	47.7	48.5	50.0	50.1	50.0
Below Normal Water Years	50.2	49.5	46.6	44.0	44.3	45.5	46.8	47.7	48.3	49.9	50.2	50.2
Dry Water Years	50.8	49.6	46.6	44.4	44.7	45.8	47.1	48.1	48.7	50.3	50.7	50.8
Critical Water Years	52.9	51.1	47.2	45.3	45.6	46.7	48.0	49.0	49.6	51.2	52.6	54.4

Table 5A-D1.10.1-C. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.6	51.1	47.8	45.4	45.7	46.7	47.9	48.9	49.6	51.4	52.0	52.6
20%	51.7	50.5	47.4	45.0	45.2	46.3	47.5	48.7	49.3	50.8	51.5	51.5
30%	50.9	50.3	46.8	44.8	44.8	45.9	47.4	48.4	49.0	50.5	50.8	50.9
40%	50.4	49.6	46.5	44.4	44.6	45.7	47.0	48.2	48.7	50.3	50.7	50.4
50%	50.0	49.1	46.3	44.2	44.4	45.5	46.8	47.9	48.5	50.1	50.2	50.2
60%	49.6	49.0	46.1	44.0	44.1	45.4	46.7	47.7	48.3	49.9	50.0	49.8
70%	49.3	48.8	45.7	43.8	43.8	45.1	46.3	47.4	48.0	49.3	49.7	49.6
80%	48.8	48.3	45.4	43.5	43.4	44.8	46.1	47.2	47.6	49.0	49.4	49.2
90%	48.5	47.6	45.1	43.0	43.2	44.3	45.6	46.7	47.3	48.7	49.1	48.8

Table 5A-D1.10.1-D. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.3	49.4	46.5	44.3	44.4	45.6	46.8	47.9	48.5	50.1	50.5	50.4
Wet Water Years	49.2	48.6	46.0	44.1	44.1	45.1	46.4	47.6	48.1	49.5	49.8	49.5
Above Normal Water Years	50.0	49.3	46.3	43.9	43.9	45.2	46.5	47.7	48.5	50.0	50.2	49.9
Below Normal Water Years	50.1	49.5	46.6	44.0	44.3	45.5	46.8	47.8	48.3	50.0	50.2	50.2
Dry Water Years	50.8	49.6	46.6	44.4	44.7	45.8	47.1	48.0	48.7	50.3	50.7	50.8
Critical Water Years	52.9	51.3	47.3	45.3	45.5	46.7	48.0	48.9	49.6	51.2	52.5	52.9

Table 5A-D1.10.1-E. Clear Creek at Whiskeytown, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1
20%	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1
30%	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
40%	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	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%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.10.1-F. Clear Creek at Whiskeytown, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	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 Water Years	-0.1	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	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 Water Years	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 Water Years	0.0	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-1.5

Table 5A-D1.10.1-G. Clear Creek at Whiskeytown, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.1%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.2%
20%	-0.1%	-0.3%	0.0%	0.0%	0.3%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.2%
30%	-0.4%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%
40%	0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
50%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%
60%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%
70%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.2%	0.1%
80%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%	0.0%
90%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.2%	-0.1%	0.1%	0.1%	0.0%	0.0%

Table 5A-D1.10.1-H. Clear Creek at Whiskeytown, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.5%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
Critical Water Years	0.0%	0.3%	0.3%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.2%	-2.8%

Table 5A-D1.10.2-A. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.5	51.1	47.9	45.4	45.7	46.7	48.0	48.9	49.8	51.5	52.0	52.6
20%	51.7	50.5	47.4	45.0	45.3	46.3	47.5	48.7	49.3	50.8	51.5	51.5
30%	50.9	50.3	46.8	44.8	44.8	45.9	47.4	48.4	49.0	50.6	50.9	50.9
40%	50.3	49.6	46.5	44.4	44.6	45.7	47.1	48.2	48.7	50.3	50.6	50.4
50%	50.0	49.2	46.3	44.2	44.4	45.4	46.8	47.9	48.5	50.1	50.2	50.2
60%	49.7	48.9	46.0	44.0	44.2	45.4	46.7	47.7	48.3	49.8	50.0	49.8
70%	49.2	48.8	45.7	43.7	43.8	45.1	46.3	47.5	48.0	49.3	49.5	49.6
80%	48.8	48.3	45.4	43.5	43.4	44.8	46.0	47.2	47.7	49.0	49.4	49.2
90%	48.5	47.6	45.1	43.0	43.2	44.3	45.7	46.6	47.3	48.7	49.1	48.8

Table 5A-D1.10.2-B. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.3	49.4	46.5	44.3	44.4	45.6	46.9	47.9	48.6	50.1	50.5	50.4
Wet Water Years	49.1	48.6	46.0	44.1	44.1	45.1	46.4	47.6	48.1	49.5	49.8	49.5
Above Normal Water Years	50.0	49.3	46.3	44.0	43.9	45.2	46.5	47.7	48.8	50.0	50.2	50.0
Below Normal Water Years	50.1	49.5	46.6	44.0	44.3	45.5	46.8	47.8	48.3	50.0	50.2	50.1
Dry Water Years	50.8	49.5	46.6	44.4	44.7	45.8	47.1	48.0	48.6	50.3	50.6	50.8
Critical Water Years	52.9	51.3	47.3	45.3	45.5	46.7	48.0	48.9	49.6	51.2	52.5	52.9

Table 5A-D1.10.2-C. Clear Creek at Whiskeytown, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.2	0.1	-0.2	-0.1
20%	0.0	-0.2	0.0	0.0	0.2	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1
30%	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.1	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	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%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0

Table 5A-D1.10.2-D. Clear Creek at Whiskeytown, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0
Below Normal Water Years	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years	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 Water Years	0.0	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-1.5

Table 5A-D1.10.2-E. Clear Creek at Whiskeytown, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.2%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.3%	0.2%	-0.3%	-0.2%
20%	0.0%	-0.4%	0.0%	0.0%	0.4%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	-0.1%
30%	-0.4%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
40%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%
50%	0.0%	-0.1%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%
60%	0.1%	0.0%	-0.2%	0.1%	0.2%	0.1%	0.1%	-0.1%	-0.1%	0.0%	0.2%	0.0%
70%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%
80%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%
90%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.10.2-F. Clear Creek at Whiskeytown, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.5%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.2%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%
Critical Water Years	0.1%	0.3%	0.3%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.2%	-2.7%

Table 5A-D1.10.3-A. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.5	51.1	47.7	45.4	45.7	46.6	48.0	48.9	49.7	51.3	52.1	52.6
20%	51.7	50.5	47.4	45.0	45.1	46.3	47.5	48.7	49.4	50.8	51.5	51.5
30%	50.9	50.3	46.8	44.7	44.8	46.0	47.4	48.4	49.1	50.6	50.8	50.9
40%	50.4	49.6	46.5	44.4	44.6	45.7	47.1	48.2	48.8	50.3	50.6	50.4
50%	50.0	49.1	46.3	44.2	44.4	45.5	46.8	47.9	48.5	50.1	50.2	50.2
60%	49.6	49.0	46.0	44.0	44.2	45.4	46.7	47.7	48.3	49.9	50.0	49.9
70%	49.2	48.8	45.7	43.8	43.8	45.1	46.3	47.5	48.0	49.3	49.6	49.6
80%	48.9	48.3	45.4	43.5	43.4	44.8	46.0	47.2	47.7	49.0	49.4	49.2
90%	48.6	47.6	45.2	43.0	43.2	44.3	45.7	46.7	47.3	48.7	49.2	48.8

Table 5A-D1.10.3-B. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.3	49.4	46.4	44.3	44.4	45.6	46.8	47.9	48.6	50.1	50.5	50.5
Wet Water Years	49.2	48.6	46.0	44.1	44.1	45.1	46.4	47.6	48.1	49.5	49.8	49.5
Above Normal Water Years	50.0	49.3	46.3	44.0	43.9	45.2	46.5	47.7	48.8	50.0	50.2	49.9
Below Normal Water Years	50.1	49.5	46.6	44.0	44.2	45.5	46.8	47.8	48.3	49.9	50.2	50.2
Dry Water Years	50.8	49.6	46.6	44.4	44.7	45.8	47.1	48.1	48.7	50.3	50.7	50.8
Critical Water Years	52.8	51.1	47.2	45.3	45.5	46.7	48.0	48.9	49.6	51.2	52.5	52.9

Table 5A-D1.10.3-C. Clear Creek at Whiskeytown, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.2	-0.1
20%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	-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%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
50%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.10.3-D. Clear Creek at Whiskeytown, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	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 Water Years	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-1.5

Table 5A-D1.10.3-E. Clear Creek at Whiskeytown, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.1%	-0.2%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.2%	-0.1%	-0.3%	-0.2%
20%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%
30%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%
40%	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%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%
60%	0.0%	0.0%	0.0%	0.2%	0.2%	0.1%	0.1%	-0.1%	0.0%	0.0%	0.2%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
90%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.1%	0.0%

Table 5A-D1.10.3-F. Clear Creek at Whiskeytown, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.4%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.2%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%	-2.7%

Table 5A-D1.10.4-A. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.6	51.2	47.8	45.4	45.6	46.7	48.0	48.9	49.8	51.4	52.0	52.6
20%	51.7	50.5	47.4	45.0	45.2	46.3	47.5	48.7	49.4	50.8	51.5	51.6
30%	50.9	50.3	46.9	44.8	44.8	45.9	47.4	48.4	49.0	50.6	50.9	50.9
40%	50.4	49.6	46.5	44.4	44.6	45.7	47.1	48.2	48.7	50.3	50.7	50.4
50%	50.0	49.2	46.3	44.2	44.4	45.4	46.8	47.9	48.5	50.1	50.2	50.2
60%	49.7	49.0	46.0	44.0	44.2	45.3	46.7	47.7	48.3	49.8	50.0	49.8
70%	49.3	48.7	45.7	43.7	43.8	45.1	46.3	47.5	48.0	49.3	49.5	49.6
80%	48.9	48.3	45.4	43.5	43.4	44.8	46.1	47.2	47.7	49.0	49.4	49.2
90%	48.6	47.6	45.2	43.0	43.2	44.3	45.6	46.7	47.3	48.7	49.1	48.8

Table 5A-D1.10.4-B. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.3	49.4	46.5	44.3	44.4	45.6	46.8	47.9	48.6	50.1	50.5	50.4
Wet Water Years	49.2	48.6	46.0	44.1	44.1	45.1	46.4	47.6	48.1	49.5	49.8	49.5
Above Normal Water Years	50.0	49.3	46.3	44.0	43.9	45.2	46.5	47.7	48.8	50.0	50.2	50.0
Below Normal Water Years	50.1	49.5	46.6	44.0	44.2	45.5	46.8	47.8	48.3	50.0	50.2	50.2
Dry Water Years	50.8	49.5	46.6	44.4	44.7	45.8	47.1	48.0	48.7	50.3	50.6	50.8
Critical Water Years	52.9	51.3	47.3	45.3	45.5	46.7	48.0	48.9	49.6	51.2	52.5	52.9

Table 5A-D1.10.4-C. Clear Creek at Whiskeytown, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	-0.2	0.0
20%	0.0	-0.2	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
30%	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
40%	0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
60%	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.10.4-D. Clear Creek at Whiskeytown, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.0
Below Normal Water Years	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Dry Water Years	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 Water Years	0.0	0.2	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-1.5

Table 5A-D1.10.4-E. Clear Creek at Whiskeytown, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.3%	0.2%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.5%	0.1%	-0.3%	-0.1%
20%	-0.1%	-0.3%	0.0%	0.0%	0.2%	0.0%	0.1%	-0.2%	0.0%	-0.1%	0.0%	0.0%
30%	-0.3%	0.0%	0.1%	0.2%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.1%	0.0%
40%	0.2%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%
60%	0.0%	0.0%	-0.2%	0.1%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%
70%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	-0.1%	0.0%
80%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%
90%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.2%	-0.1%	0.1%	0.1%	0.0%	0.0%

Table 5A-D1.10.4-F. Clear Creek at Whiskeytown, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.4%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.1%	0.3%	0.3%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%	-2.8%

Table 5A-D1.10.5-A. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.5	51.1	47.7	45.4	45.6	46.6	48.0	48.9	49.7	51.3	52.0	52.6
20%	51.7	50.5	47.4	45.0	45.1	46.3	47.5	48.7	49.4	50.8	51.5	51.5
30%	51.0	50.3	46.8	44.7	44.8	46.0	47.3	48.4	49.0	50.6	50.8	50.9
40%	50.4	49.6	46.5	44.4	44.6	45.7	47.1	48.2	48.7	50.3	50.6	50.4
50%	50.0	49.2	46.3	44.2	44.4	45.5	46.8	47.9	48.5	50.1	50.2	50.2
60%	49.7	49.0	46.0	44.0	44.2	45.4	46.7	47.7	48.3	49.9	50.0	49.8
70%	49.2	48.8	45.7	43.7	43.8	45.1	46.3	47.5	48.0	49.3	49.6	49.6
80%	48.9	48.3	45.4	43.5	43.4	44.8	46.0	47.2	47.7	49.0	49.4	49.2
90%	48.5	47.6	45.2	43.0	43.2	44.3	45.7	46.7	47.3	48.7	49.1	48.8

Table 5A-D1.10.5-B. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	50.3	49.4	46.4	44.3	44.4	45.6	46.8	47.9	48.6	50.1	50.5	50.4
Wet Water Years	49.2	48.6	46.0	44.1	44.1	45.1	46.4	47.6	48.1	49.5	49.8	49.5
Above Normal Water Years	50.0	49.3	46.3	44.0	43.9	45.2	46.5	47.7	48.8	50.0	50.2	49.9
Below Normal Water Years	50.1	49.5	46.6	44.0	44.2	45.5	46.8	47.8	48.3	49.9	50.2	50.2
Dry Water Years	50.8	49.6	46.6	44.4	44.7	45.8	47.1	48.0	48.7	50.3	50.7	50.8
Critical Water Years	52.8	51.1	47.2	45.3	45.5	46.7	48.0	48.9	49.6	51.2	52.5	52.9

Table 5A-D1.10.5-C. Clear Creek at Whiskeytown, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	-0.1
20%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	-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%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.10.5-D. Clear Creek at Whiskeytown, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Wet Water Years	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	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 Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-1.5

Table 5A-D1.10.5-E. Clear Creek at Whiskeytown, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.1%	-0.2%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.2%	-0.1%	-0.3%	-0.2%
20%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%
30%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%
40%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.1%
50%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%
60%	0.0%	0.0%	-0.1%	0.1%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%
70%	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%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
90%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.0%

Table 5A-D1.10.5-F. Clear Creek at Whiskeytown, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.4%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.1%	0.0%
Below Normal Water Years	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.2%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.2%	-2.7%

Figure 5A-D1.10.1. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

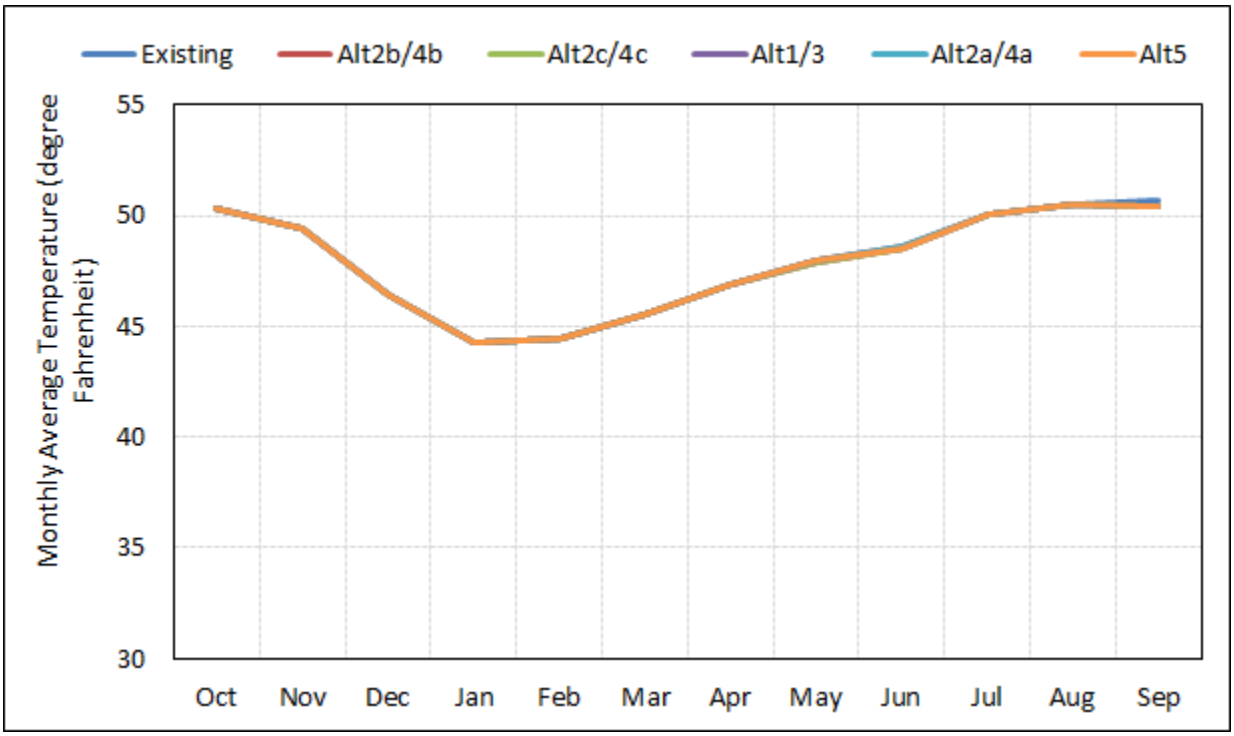


Figure 5A-D1.10.2. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

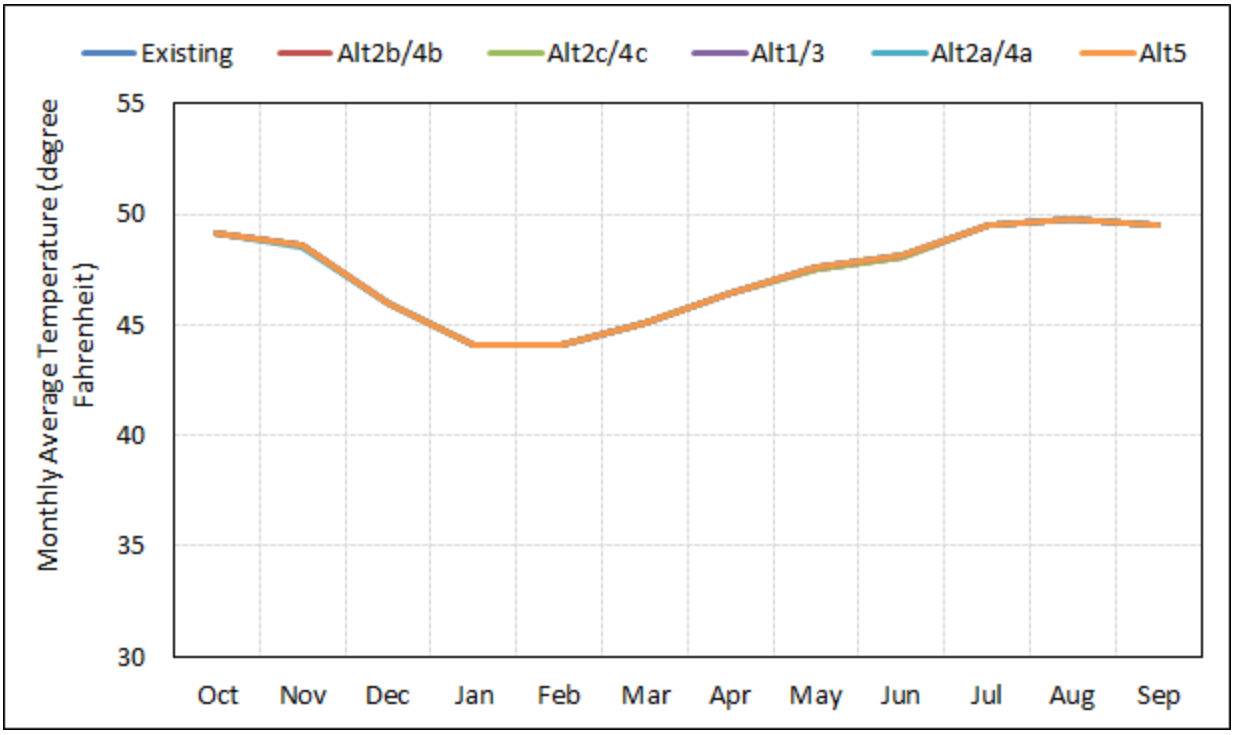


Figure 5A-D1.10.3. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

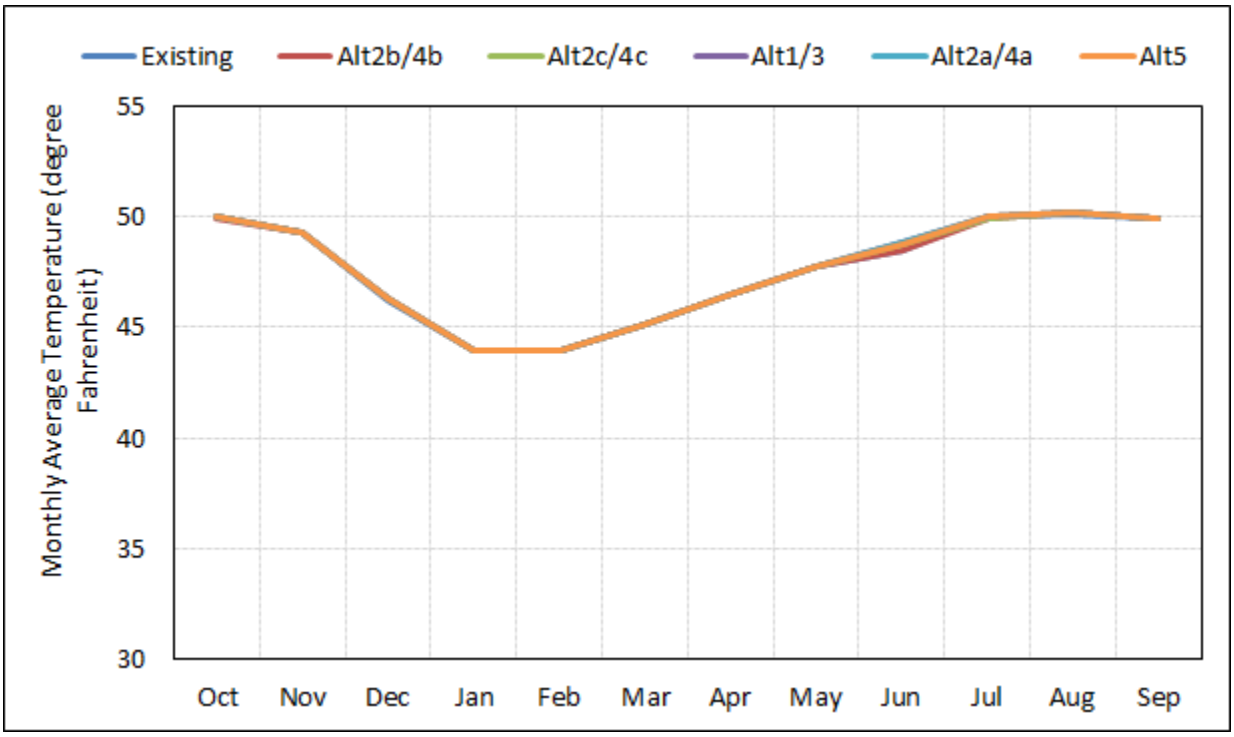


Figure 5A-D1.10.4. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

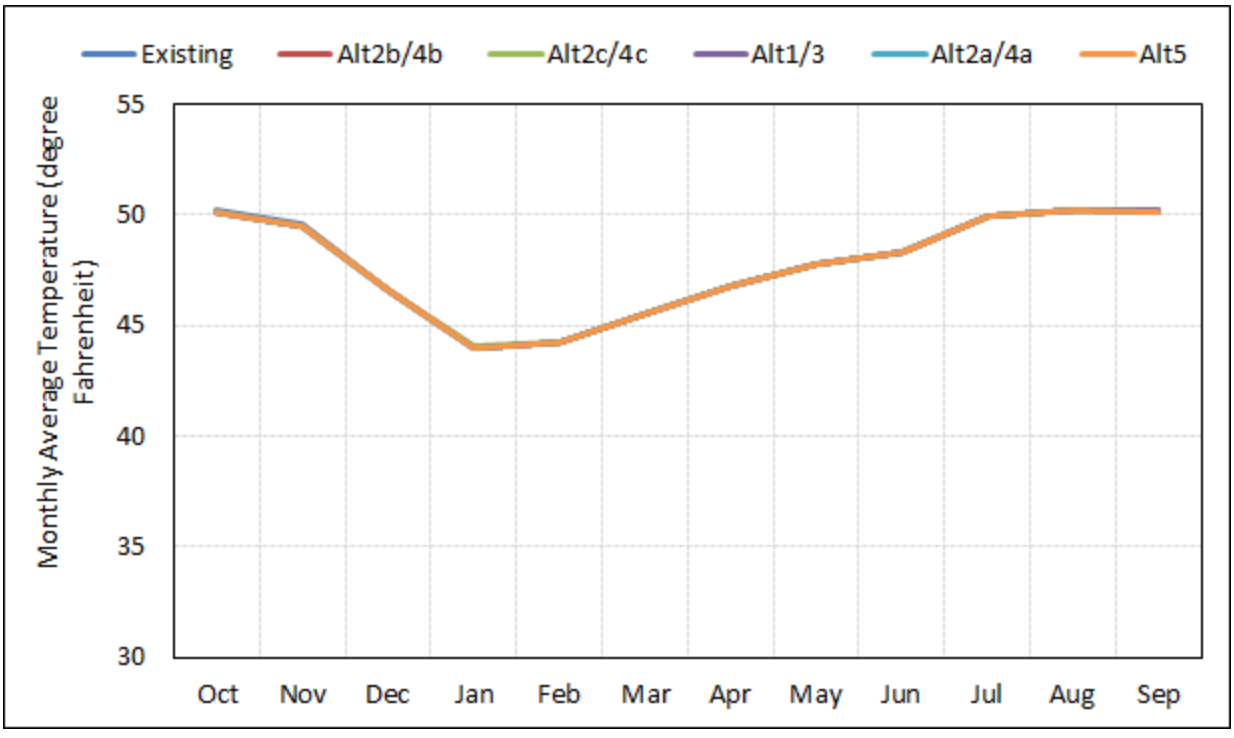


Figure 5A-D1.10.5. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

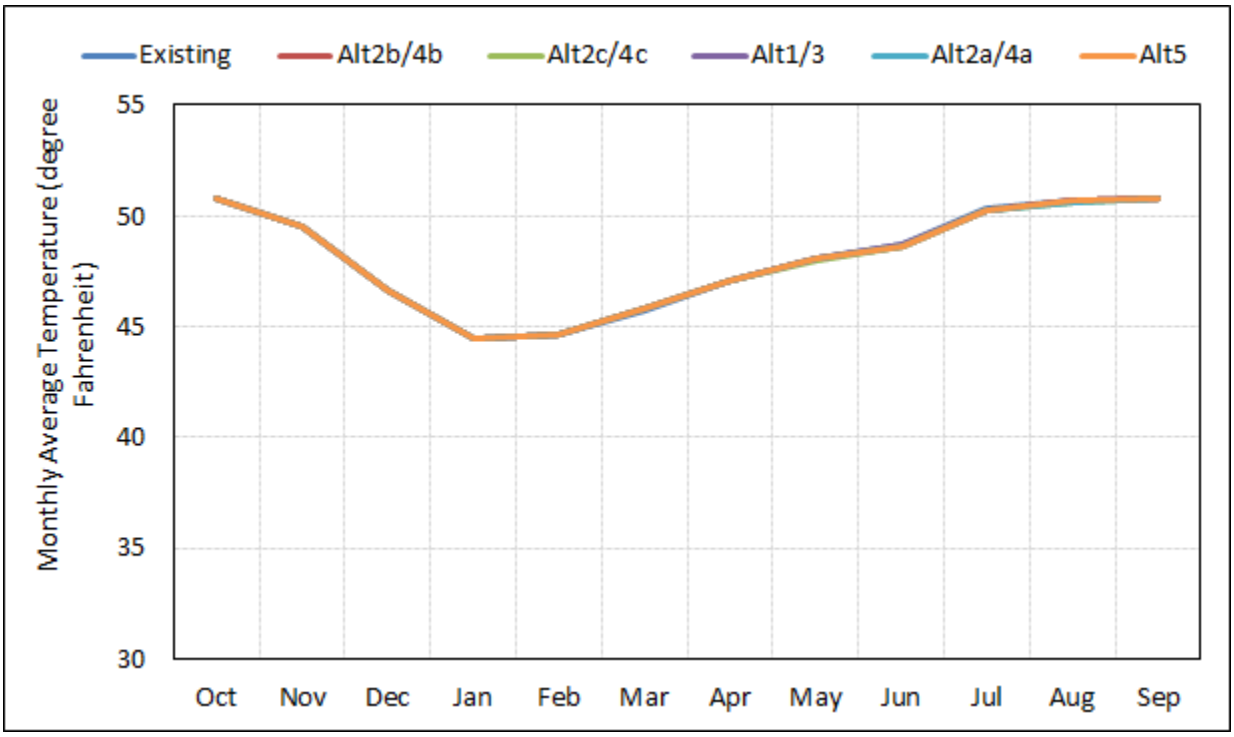


Figure 5A-D1.10.6. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

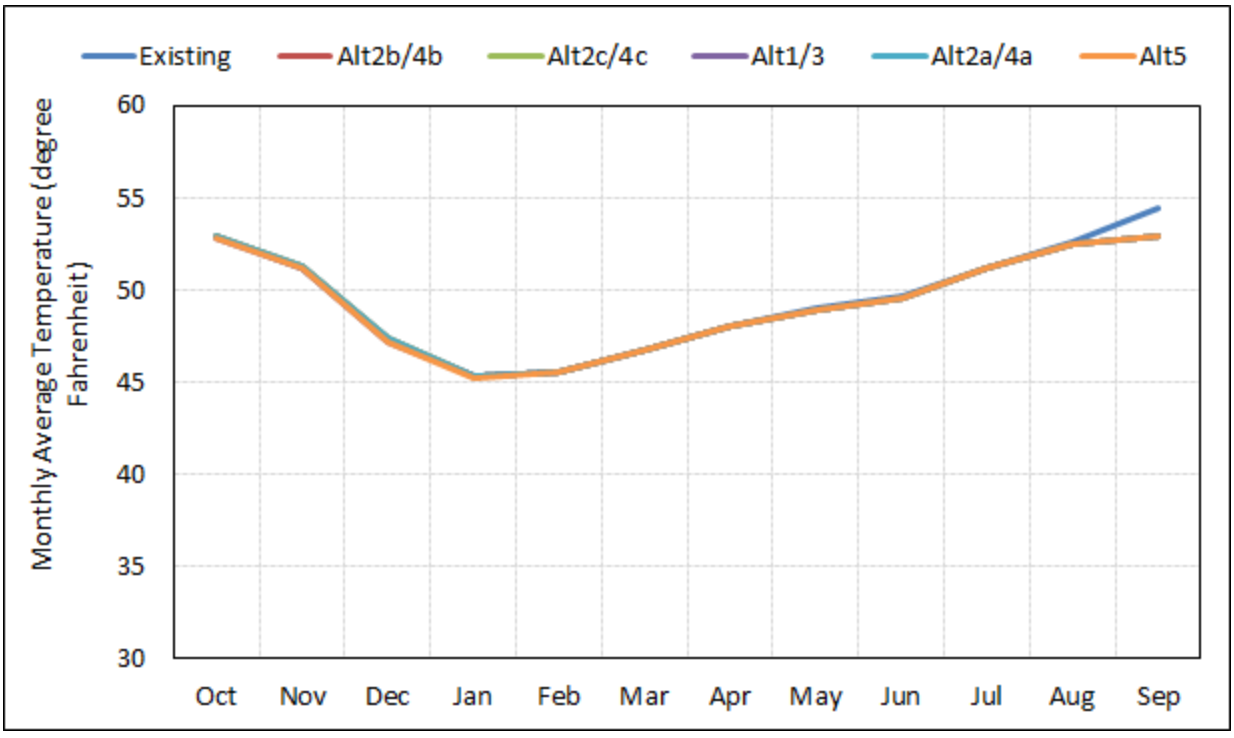


Figure 5A-D1.10.7. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

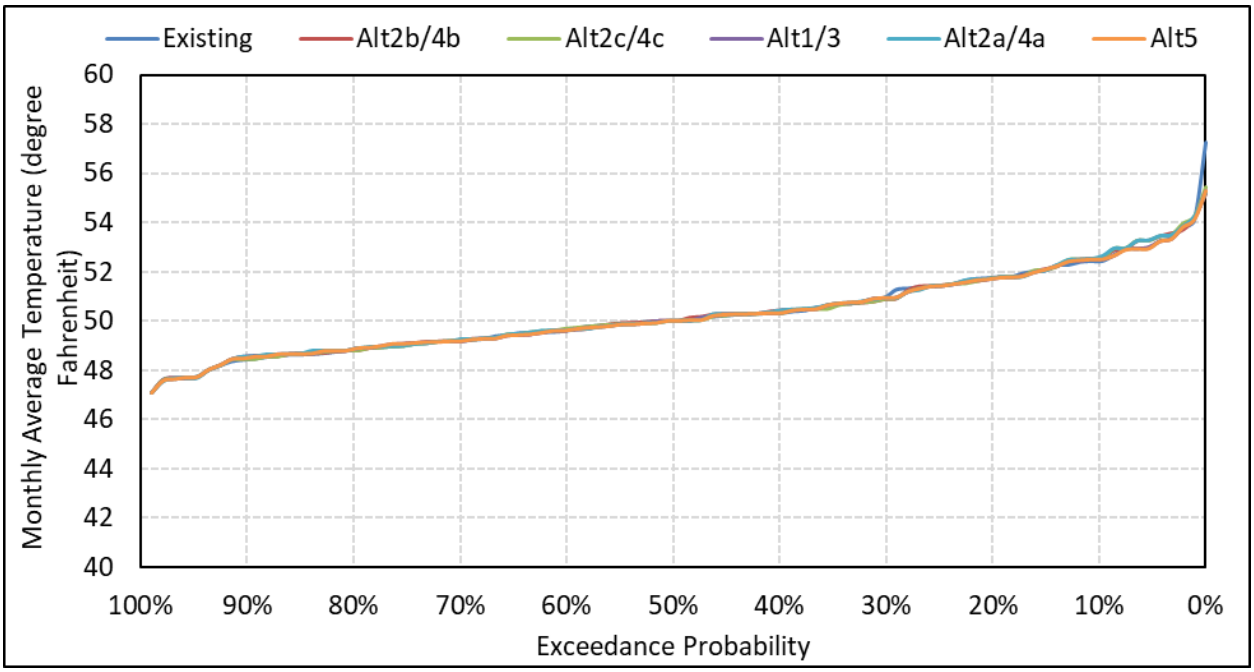


Figure 5A-D1.10.8. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

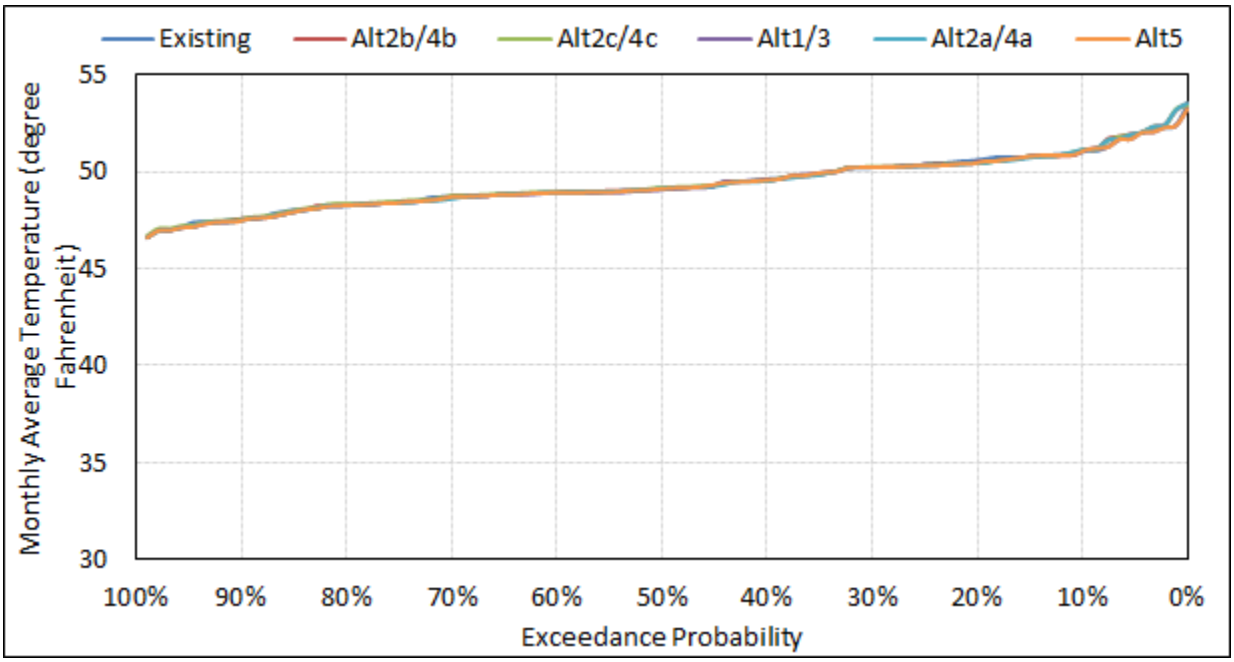


Figure 5A-D1.10.9. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

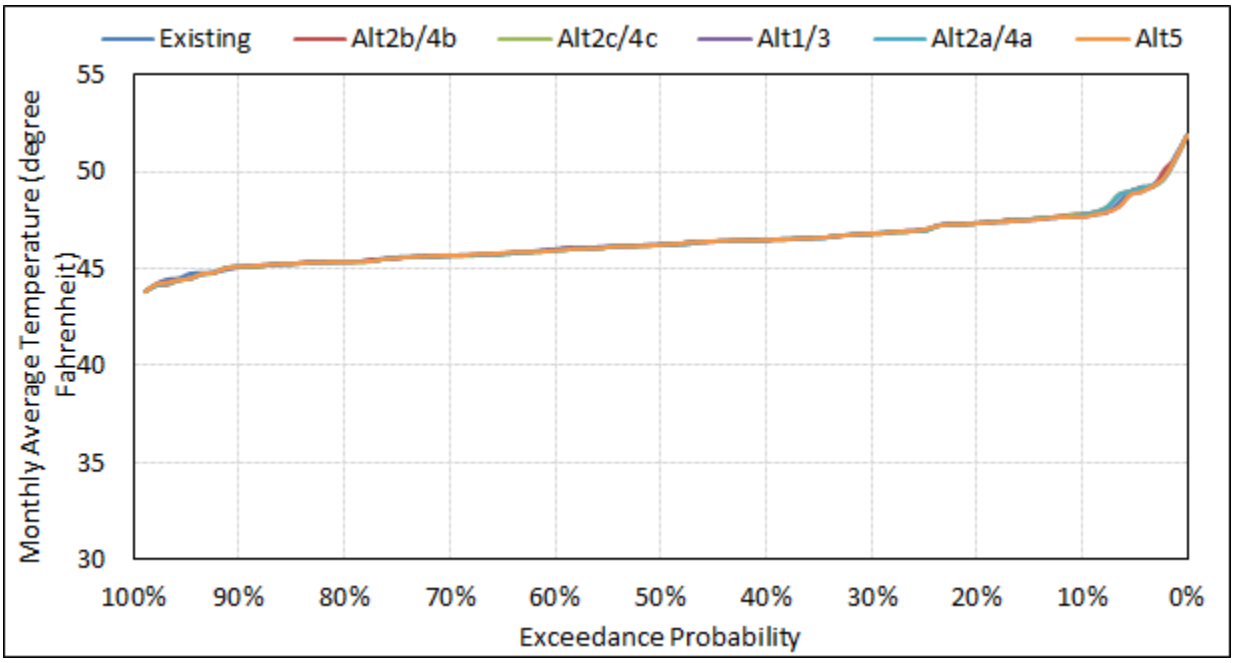


Figure 5A-D1.10.10. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

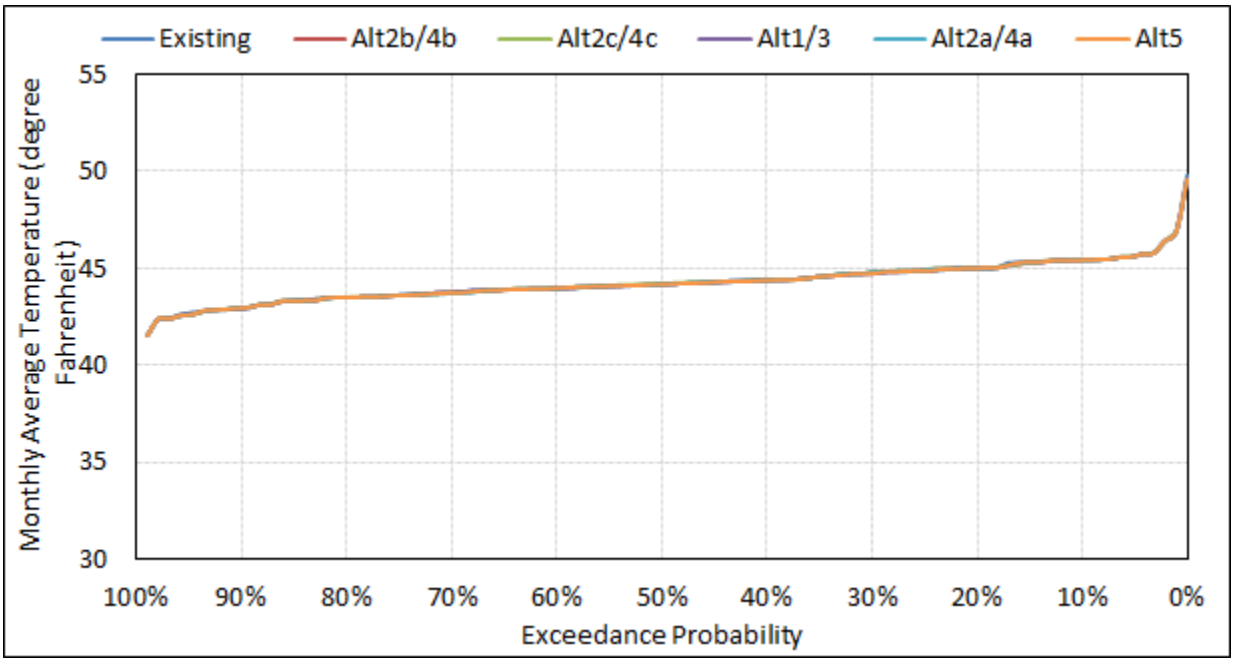


Figure 5A-D1.10.11. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

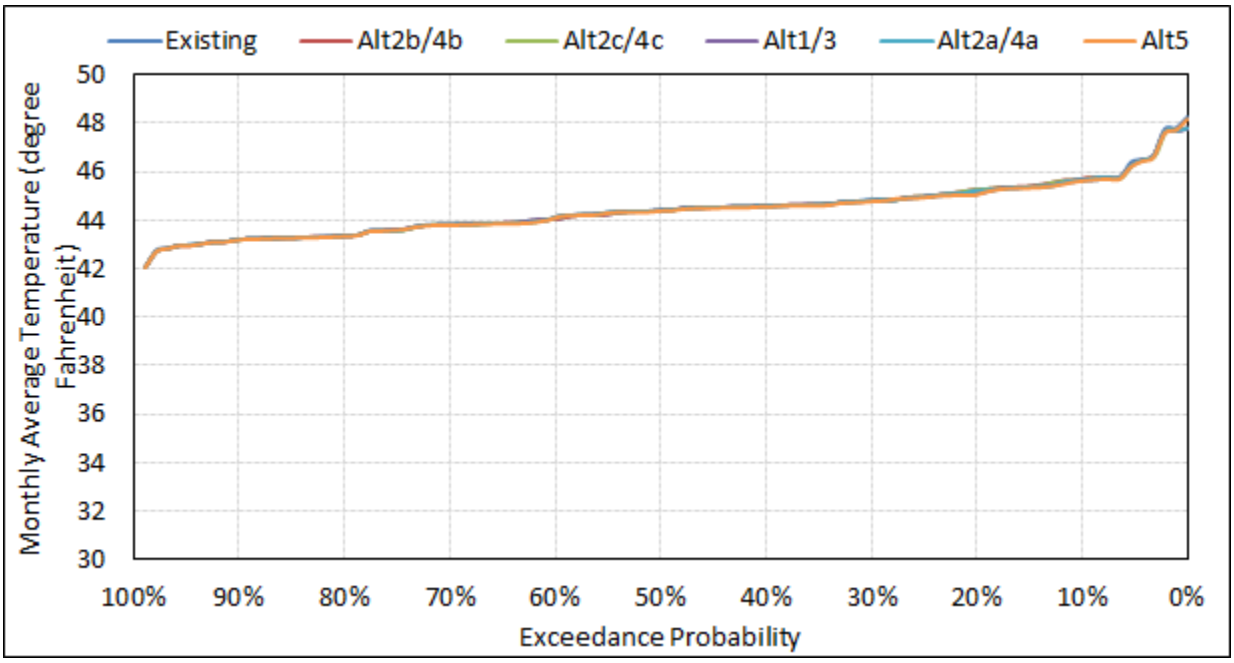


Figure 5A-D1.10.12. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

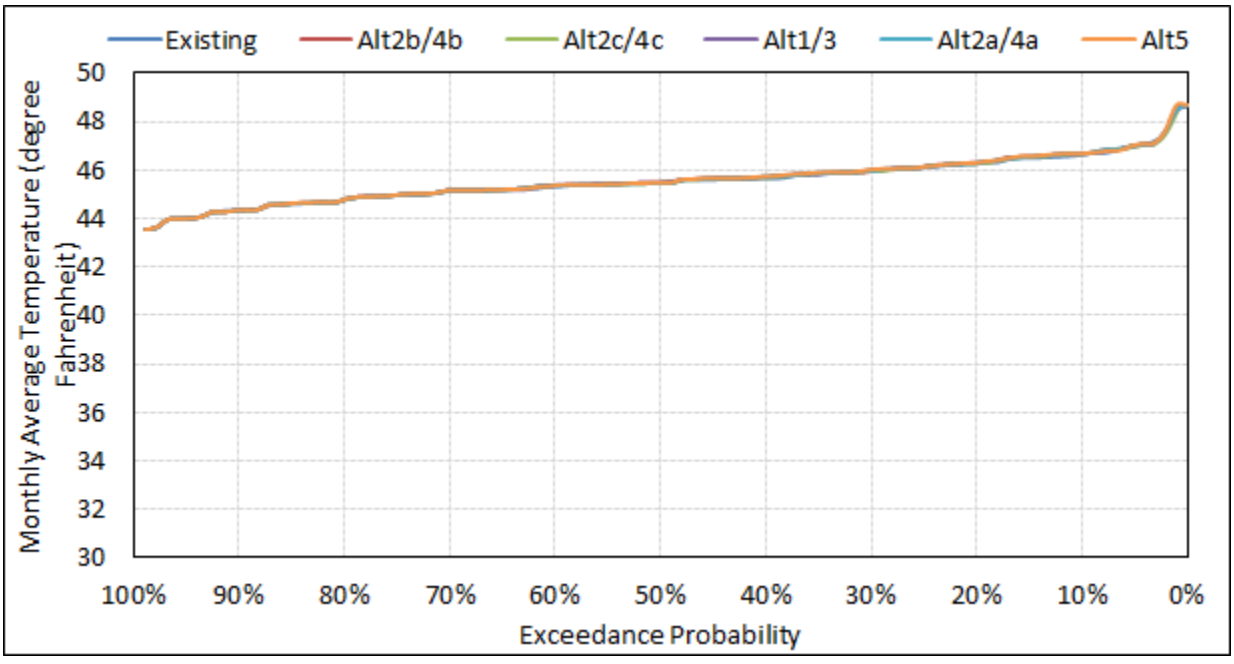


Figure 5A-D1.10.13. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

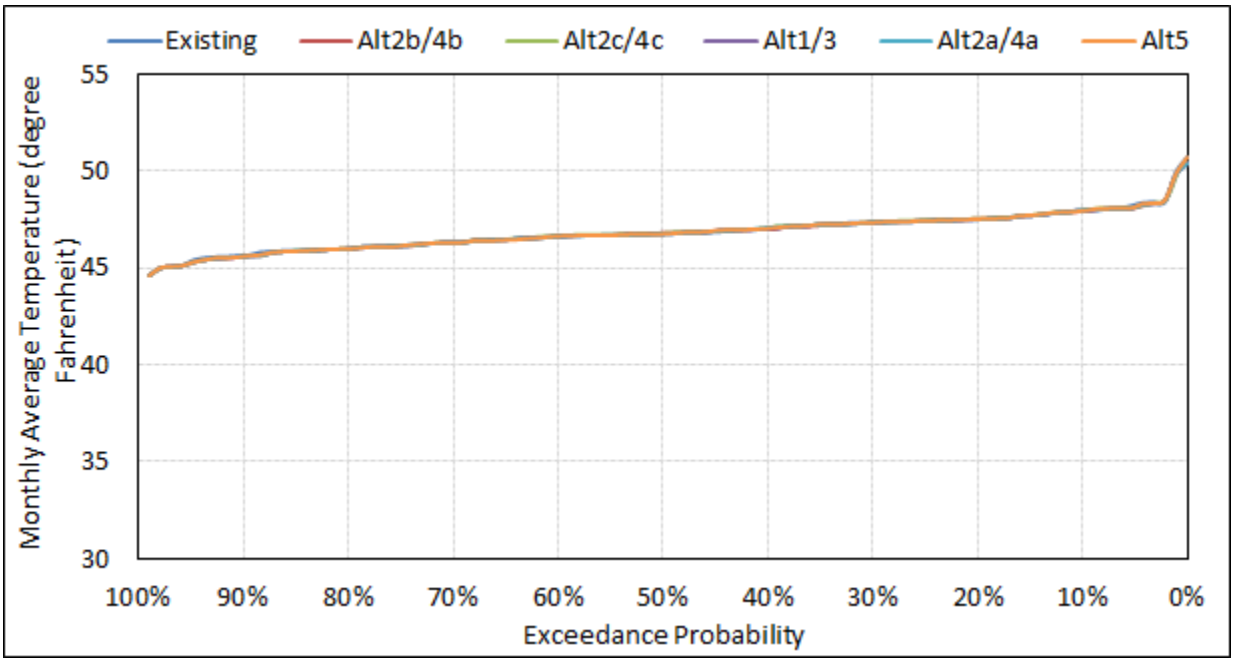


Figure 5A-D1.10.14. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

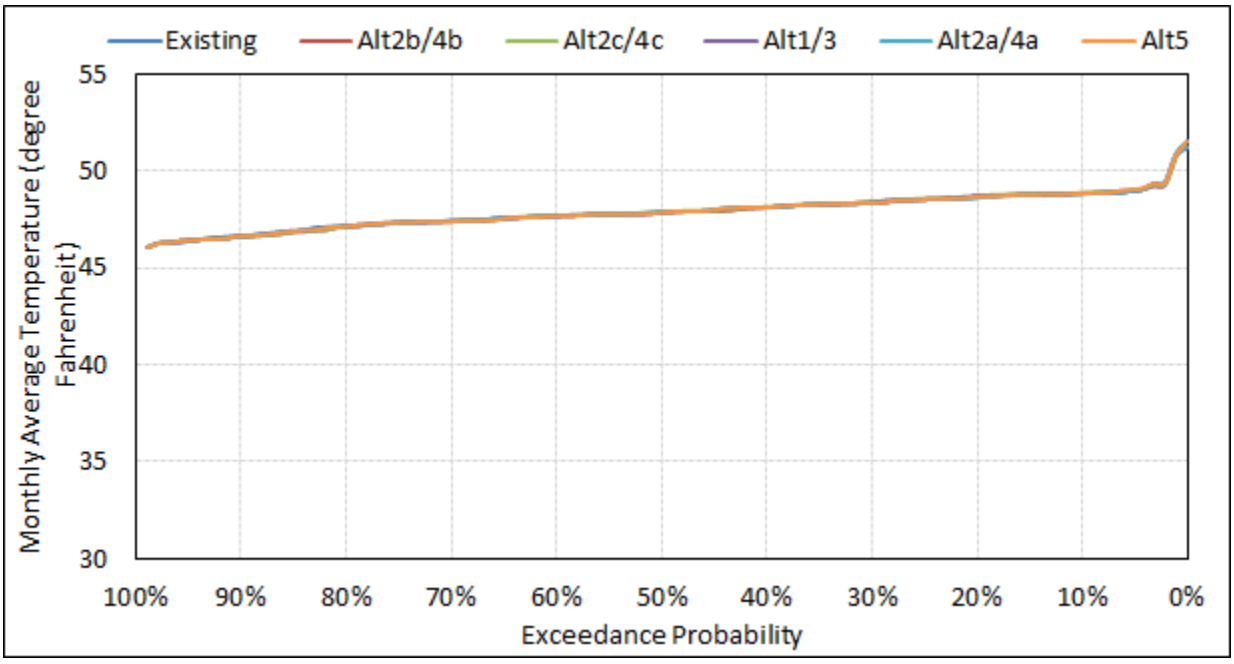


Figure 5A-D1.10.15. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

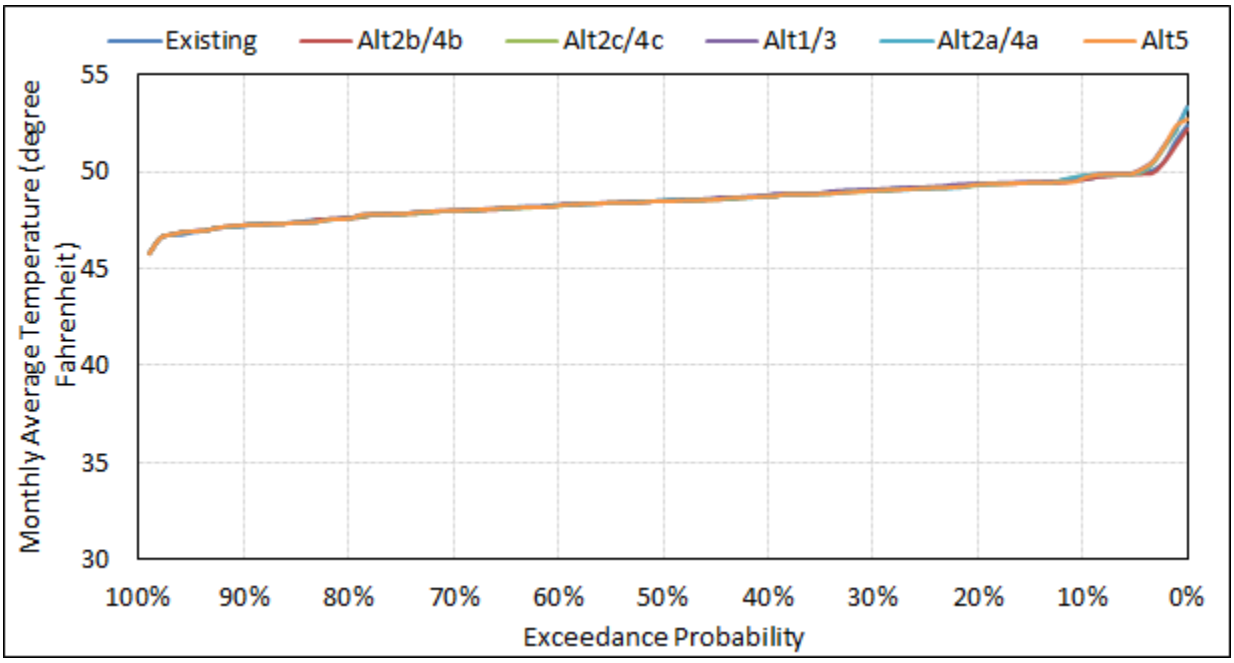


Figure 5A-D1.10.16. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

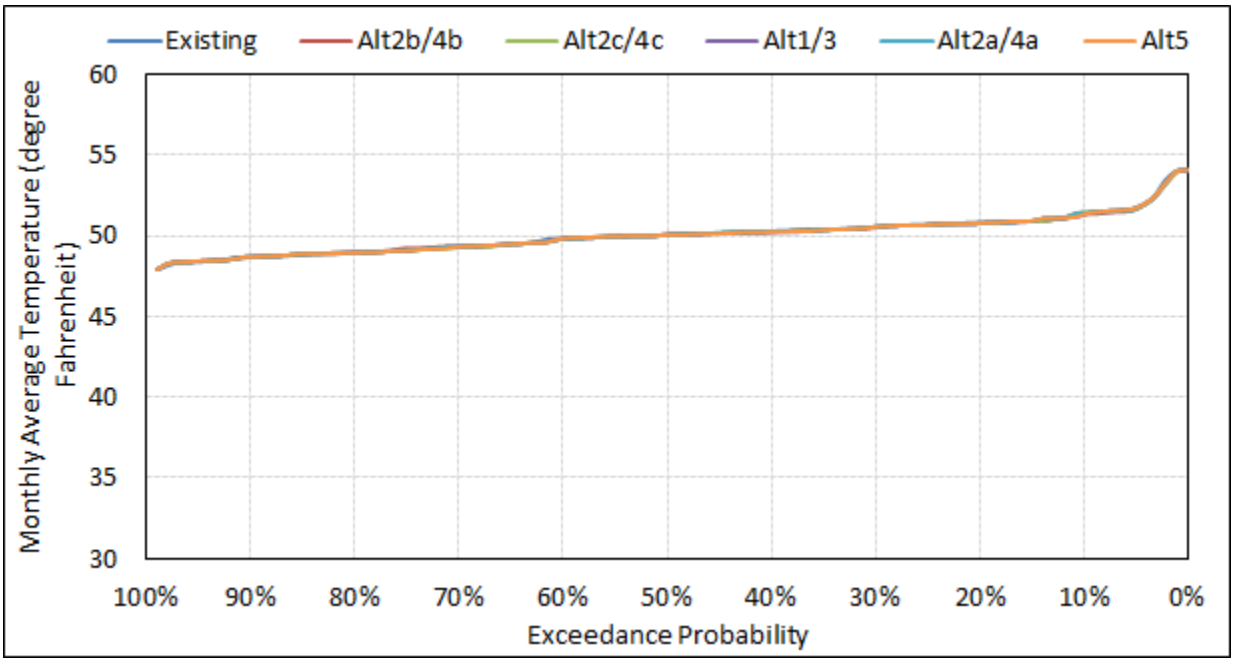


Figure 5A-D1.10.17. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

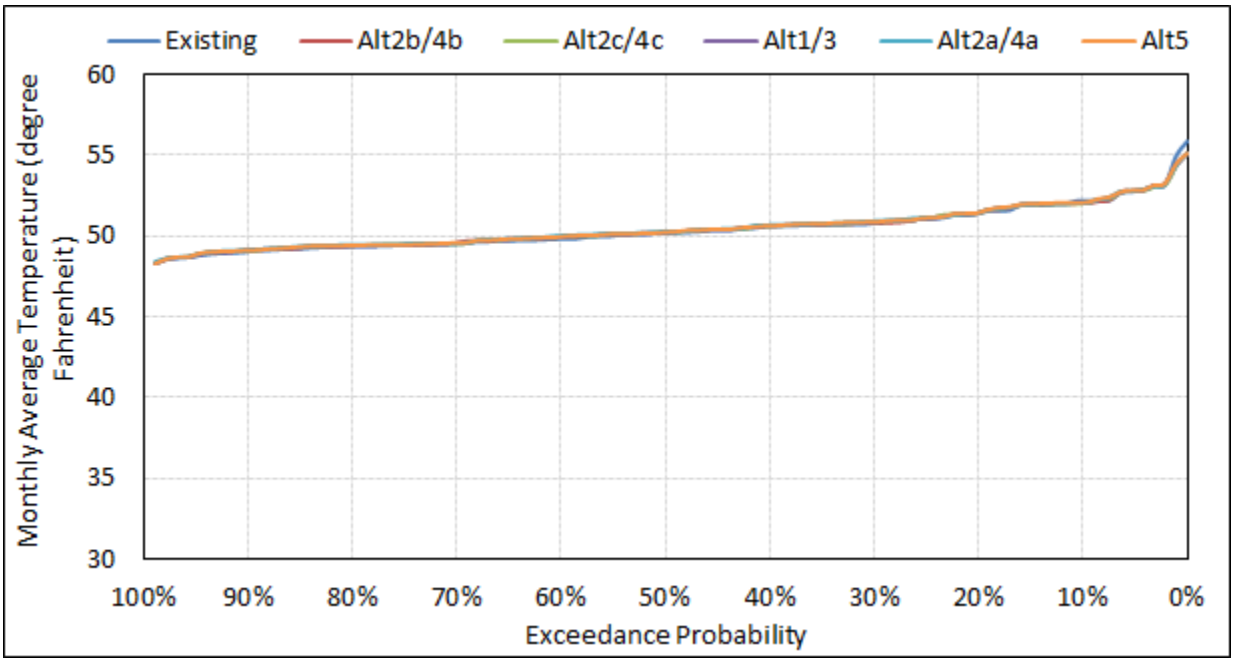


Figure 5A-D1.10.18. Clear Creek at Whiskeytown, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

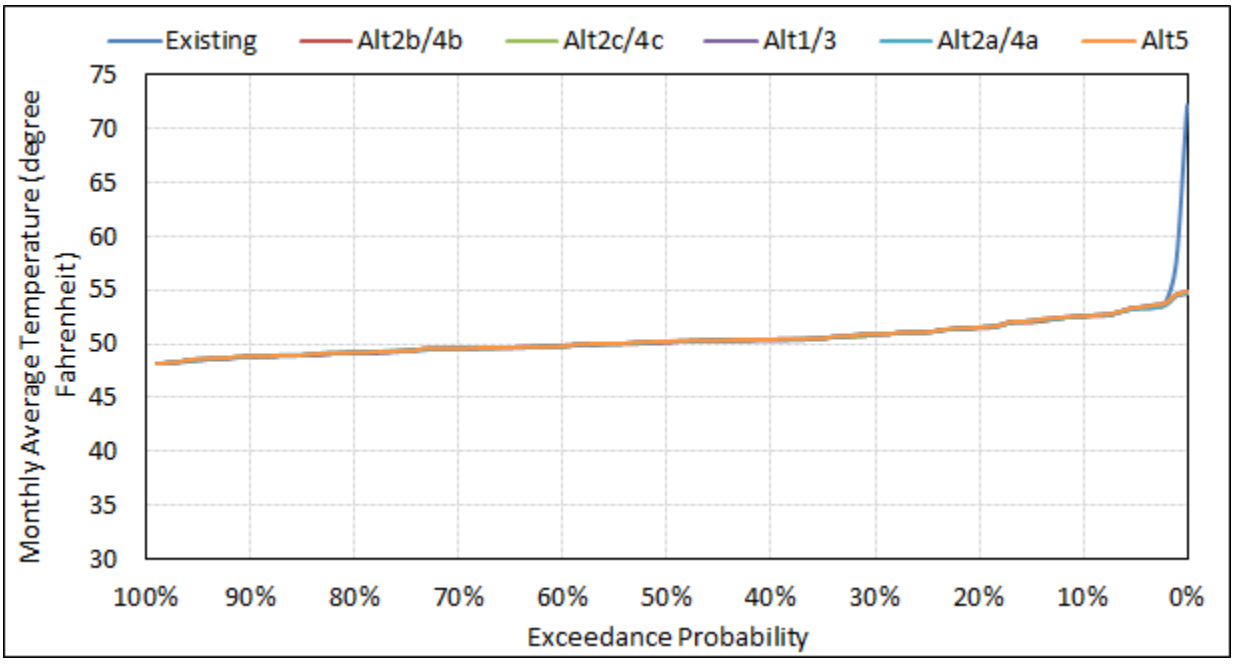
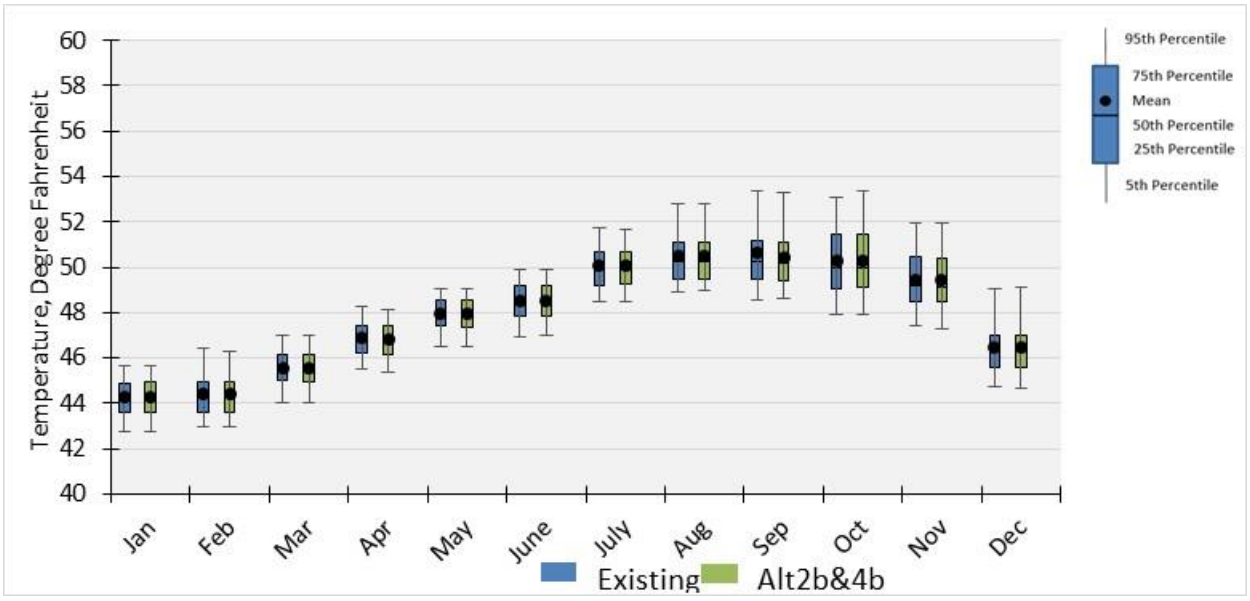


Figure 5A-D1.10.19. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



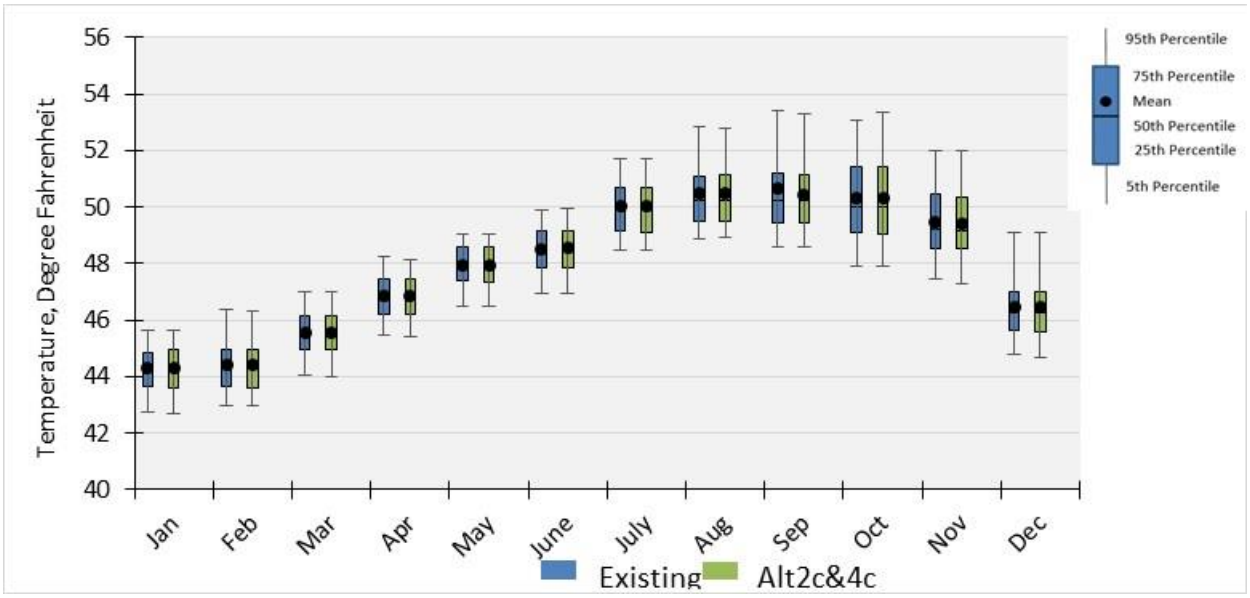
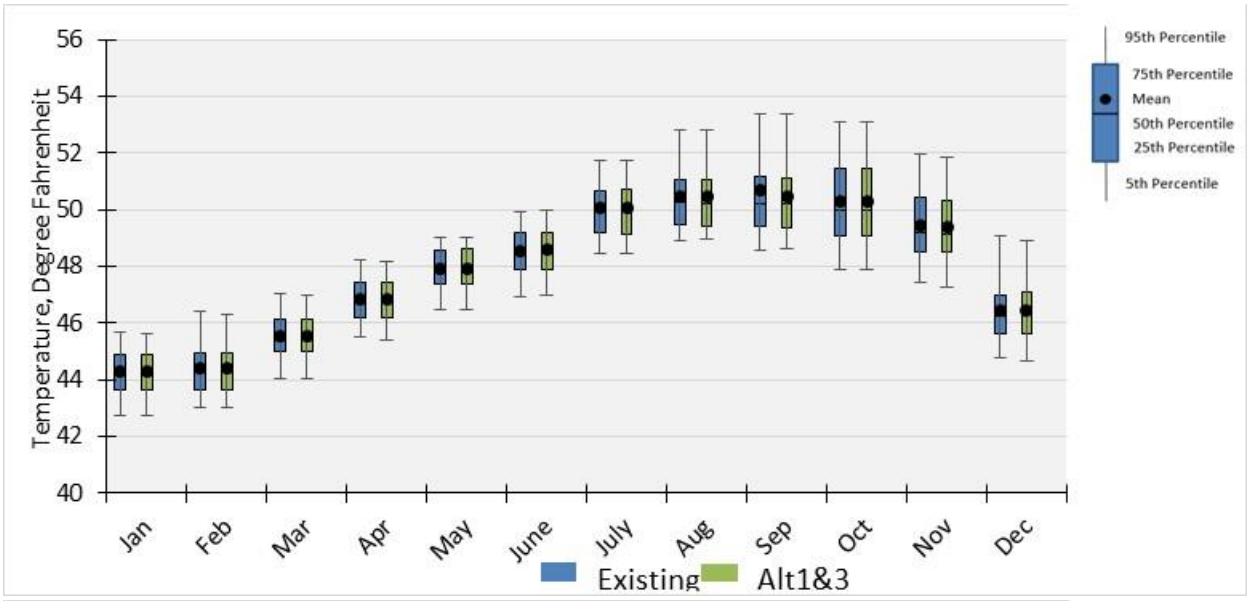


Figure 5A-D1.10.20. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



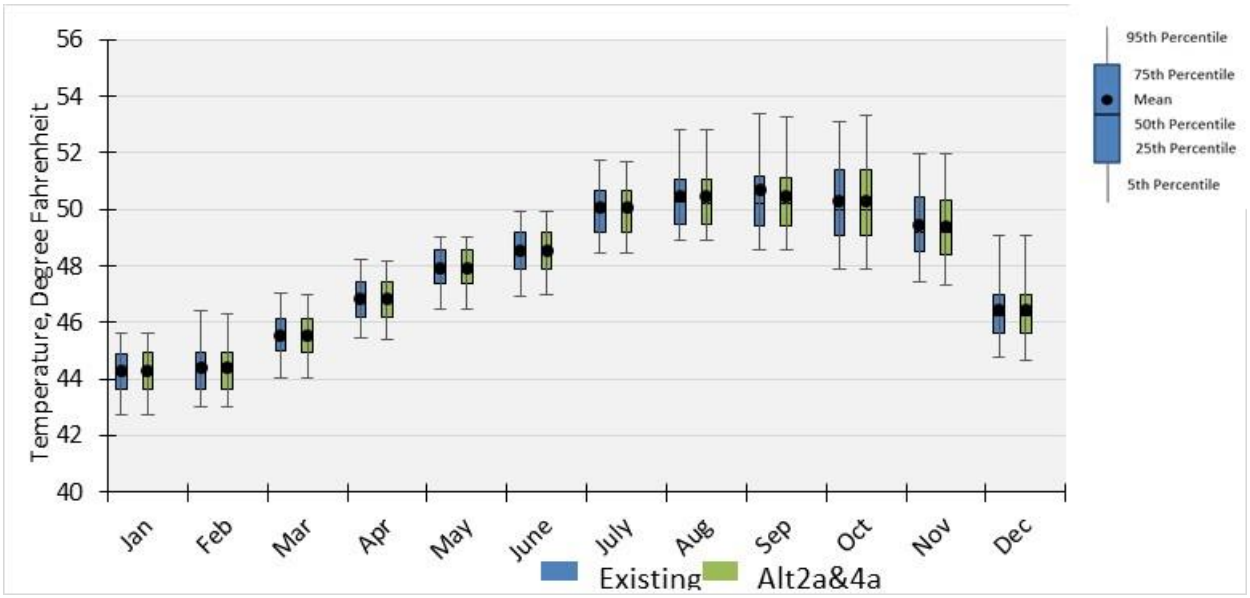


Figure 5A-D1.10.21. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

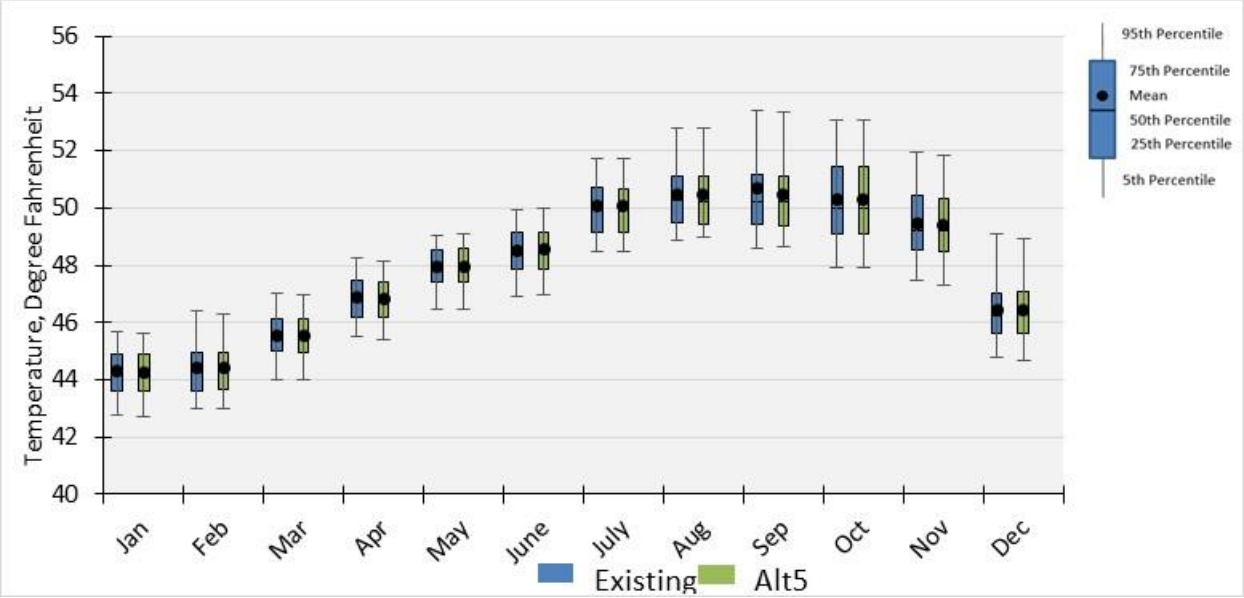


Figure 5A-D1.10.22. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions

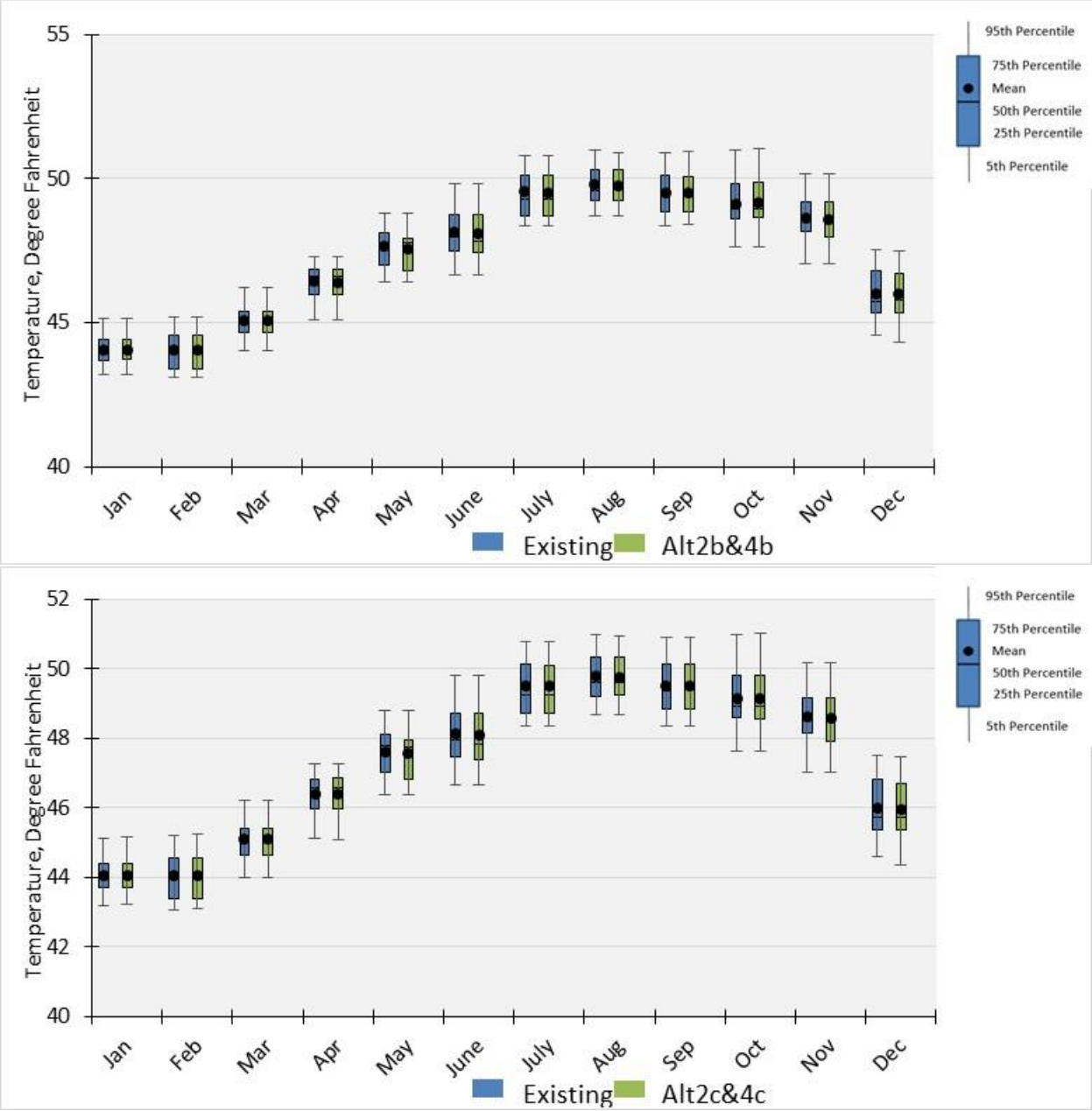
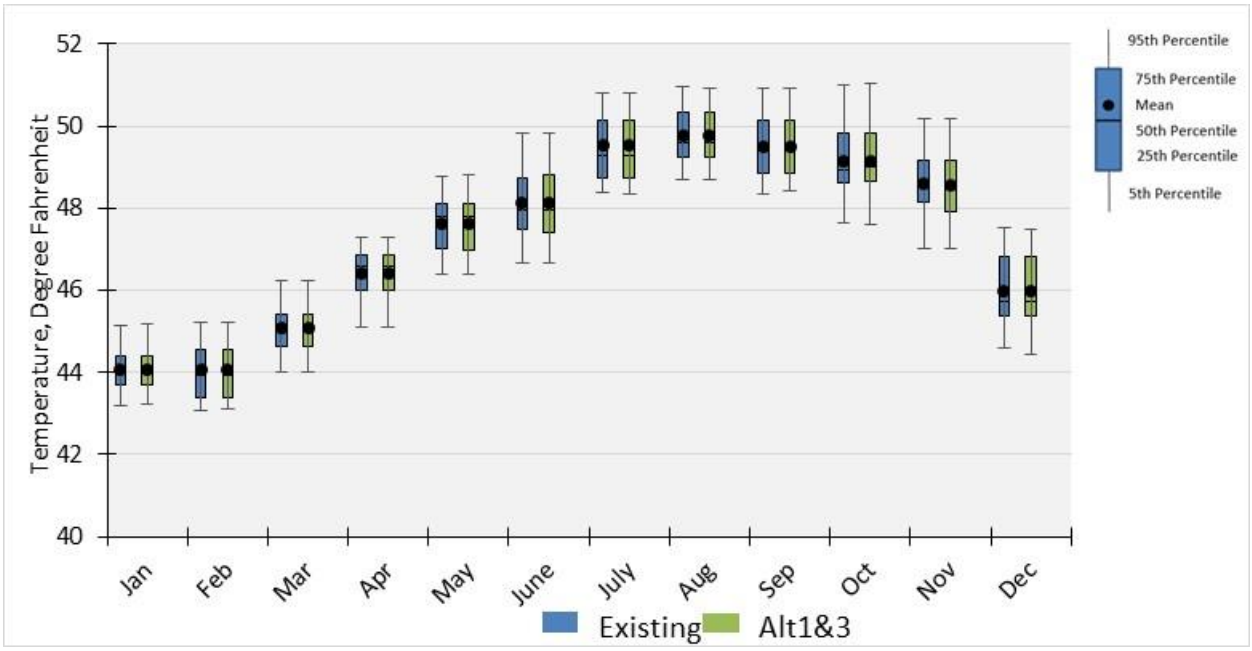


Figure 5A-D1.10.23. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



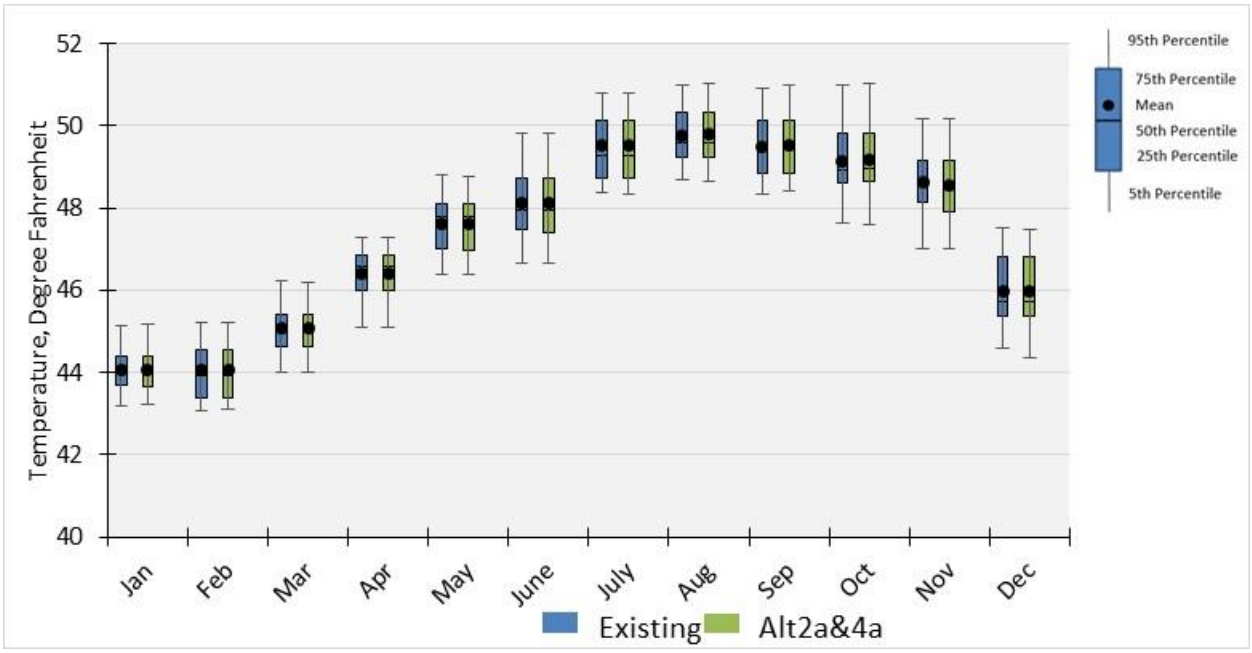


Figure 5A-D1.10.24. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

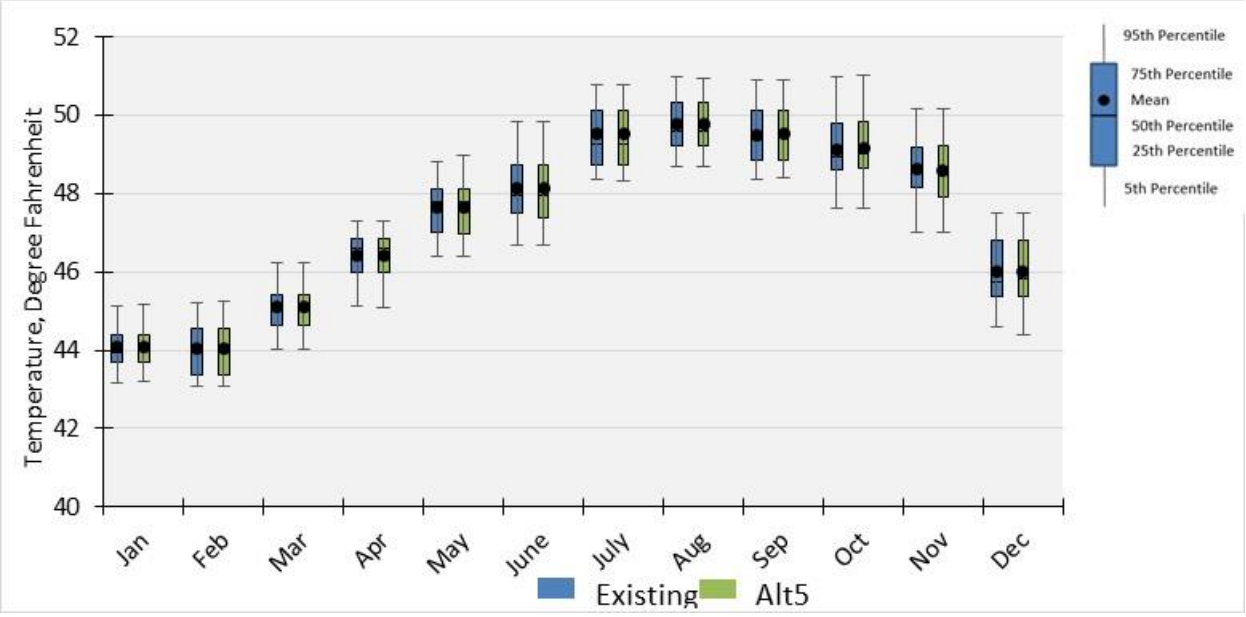
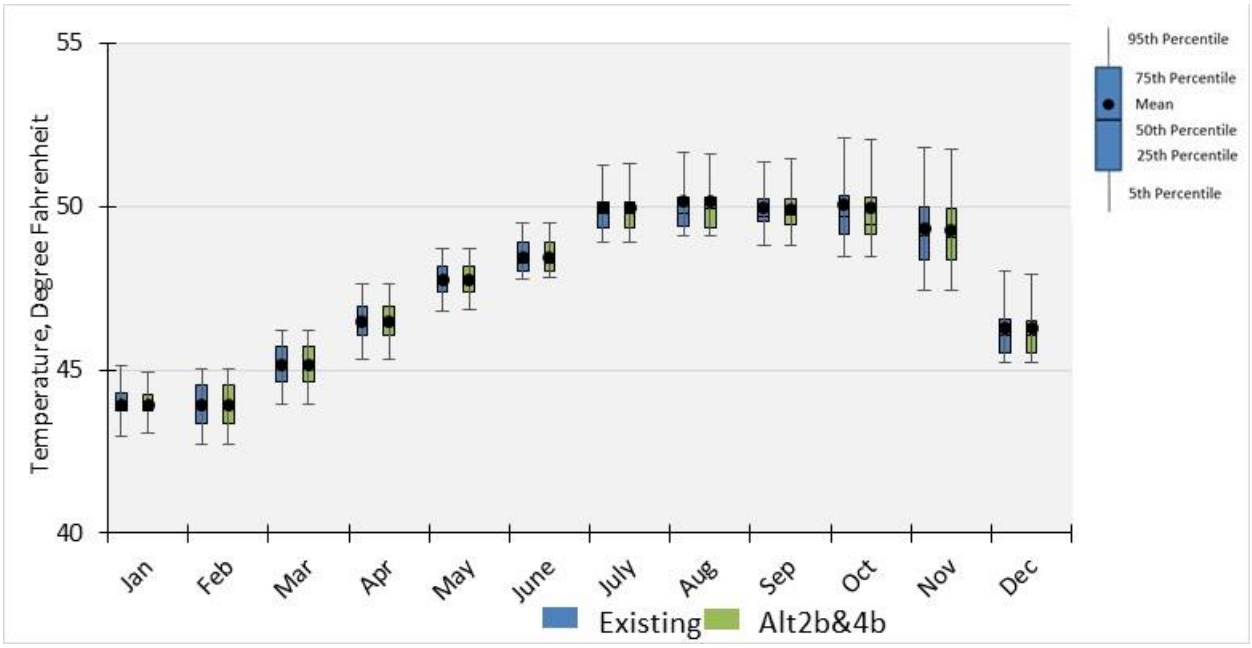


Figure 5A-D1.10.25. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



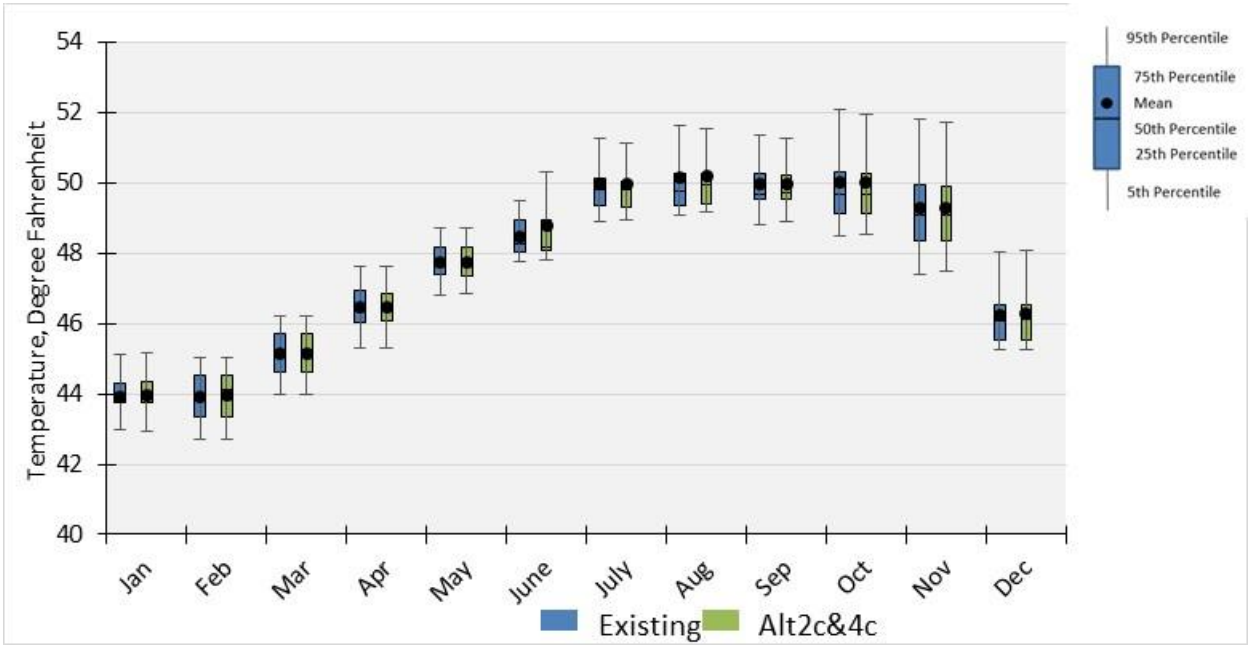


Figure 5A-D1.10.26. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

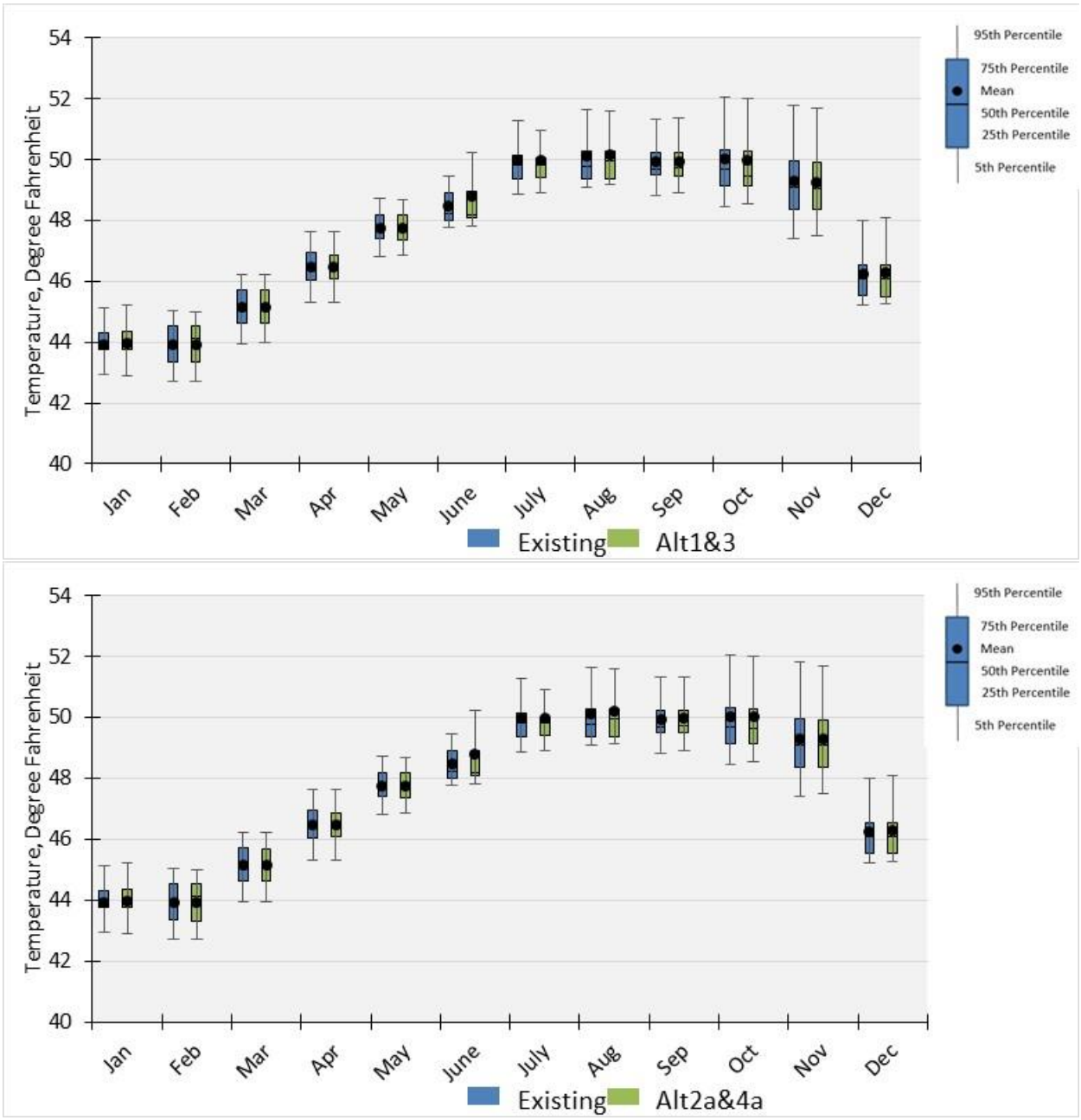


Figure 5A-D1.10.27. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

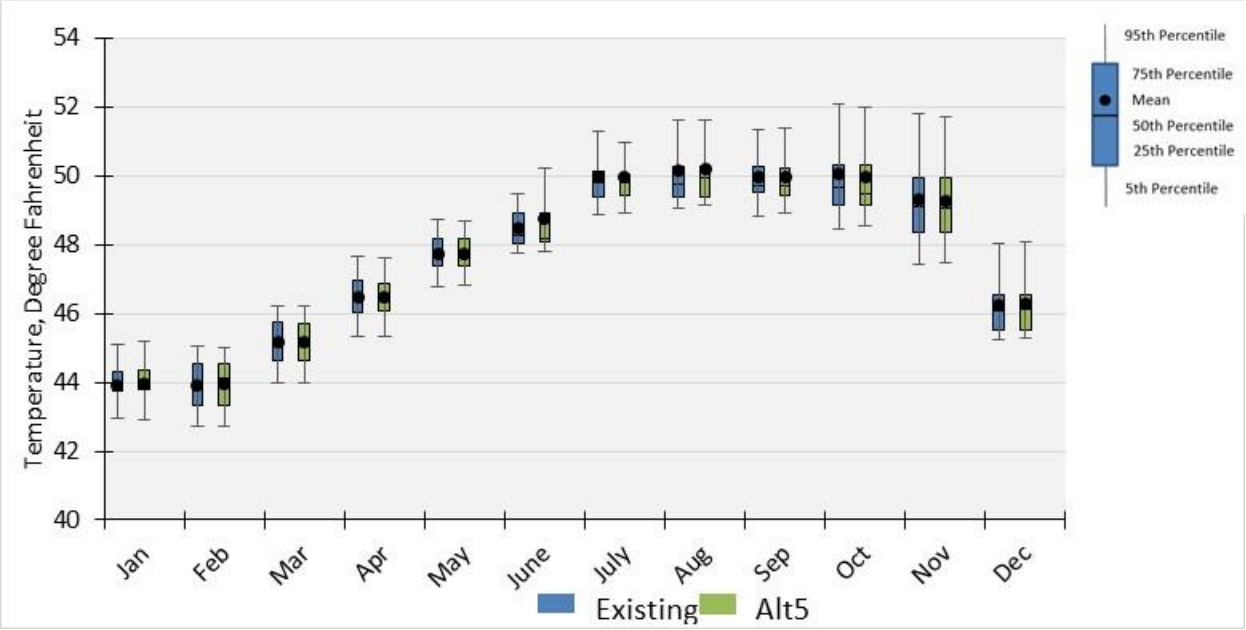
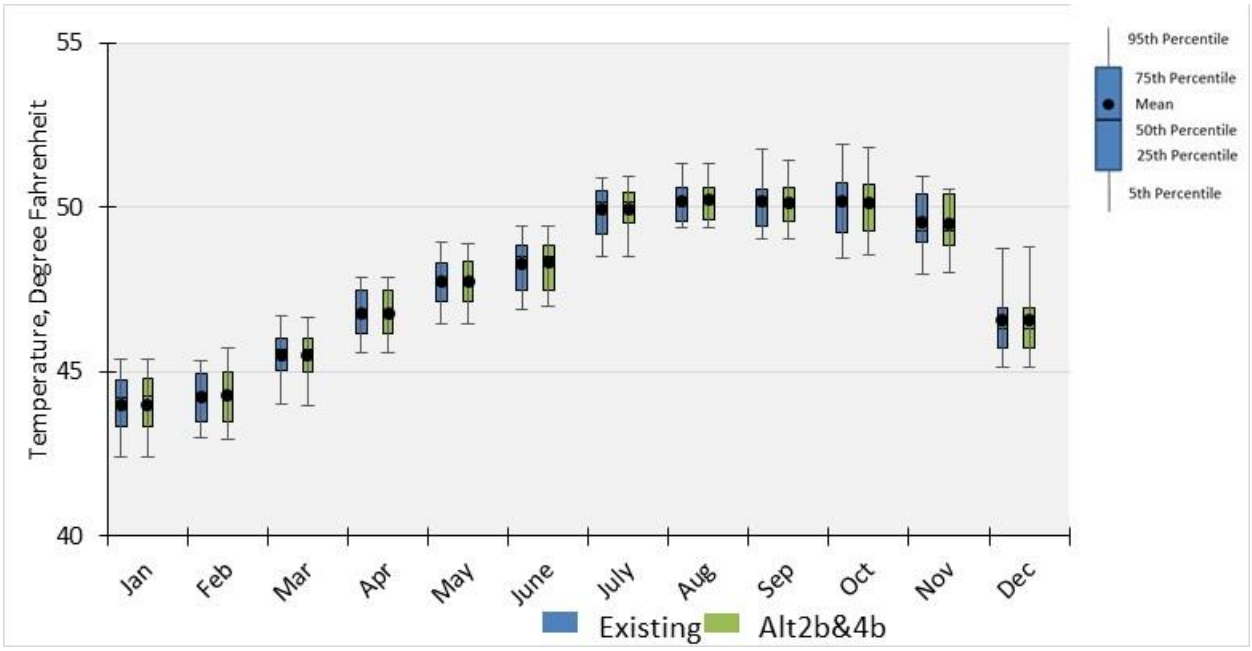


Figure 5A-D1.10.28. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



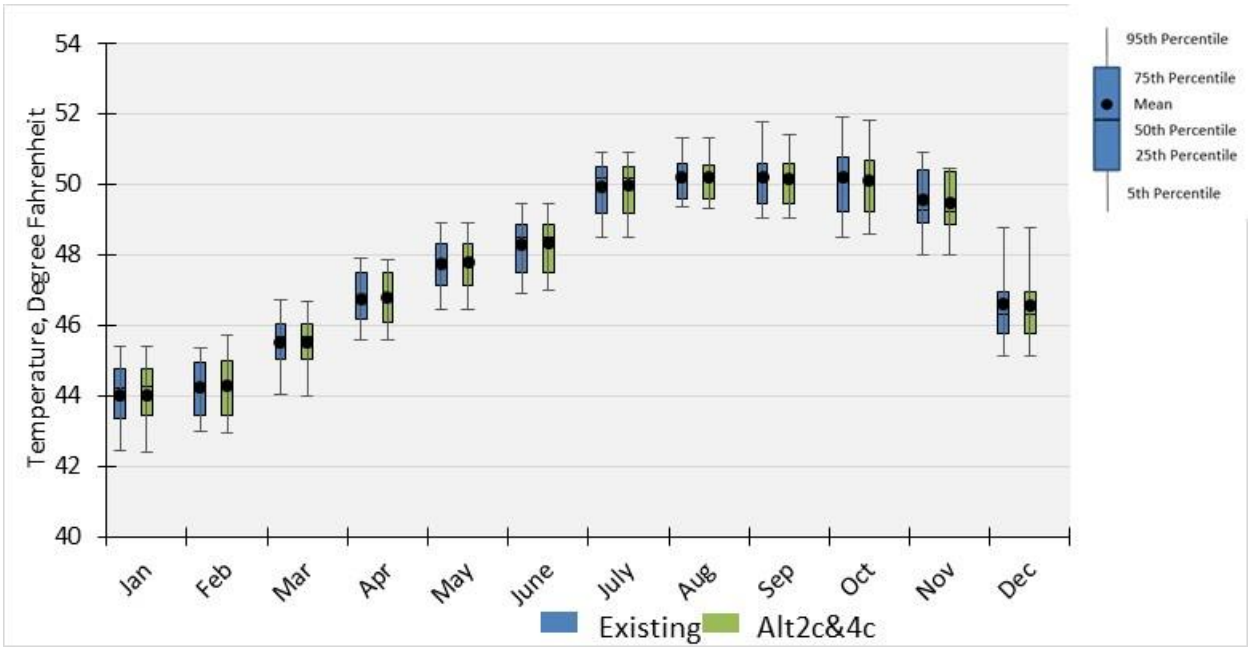


Figure 5A-D1.10.29. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

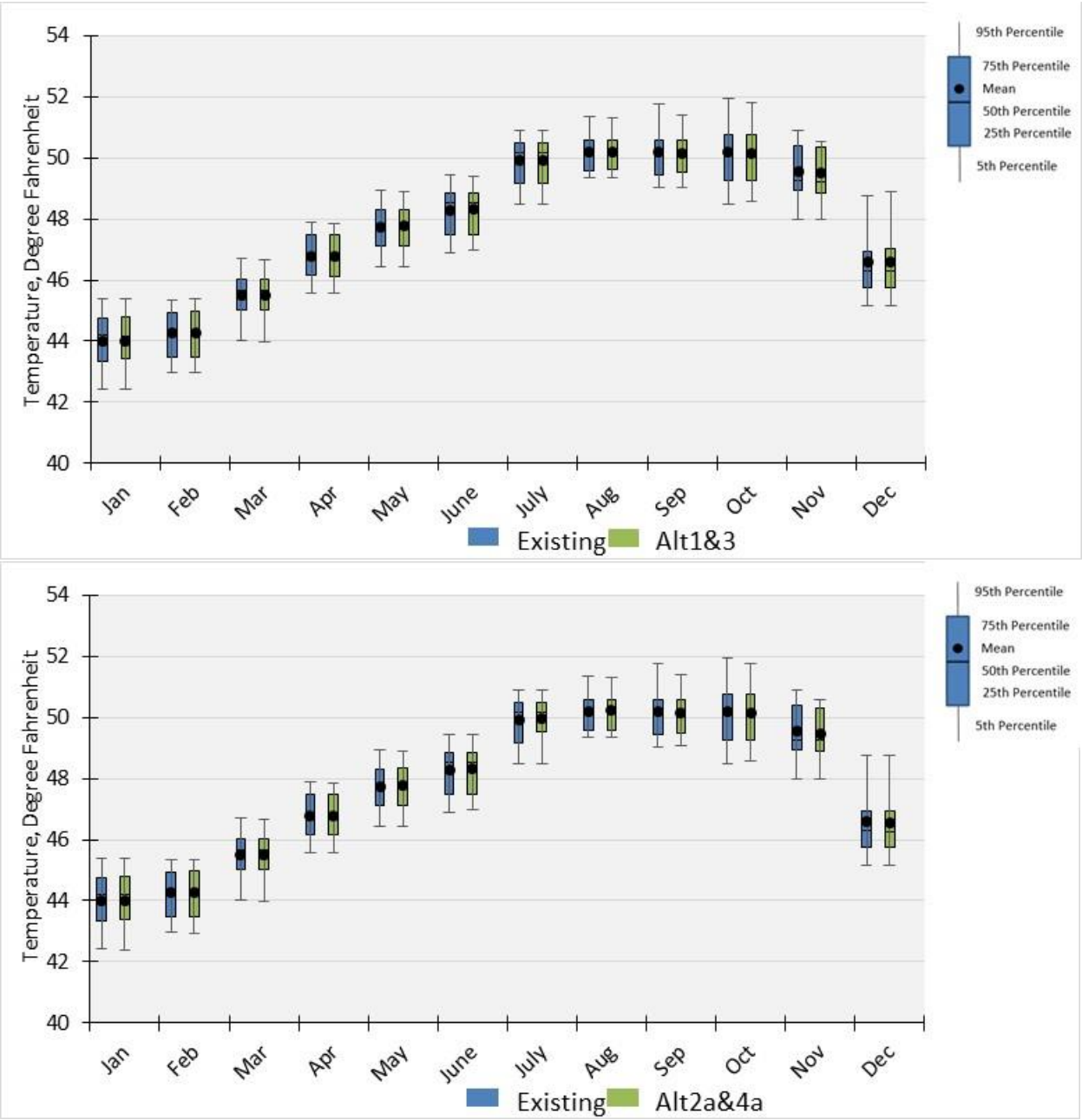


Figure 5A-D1.10.30. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

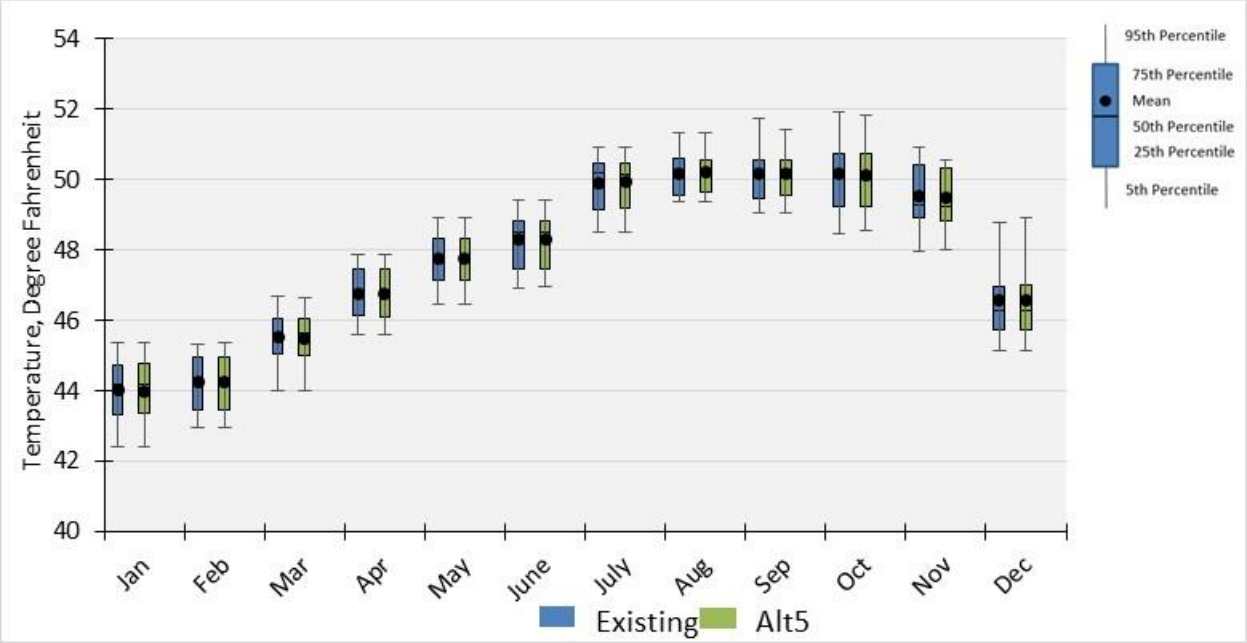
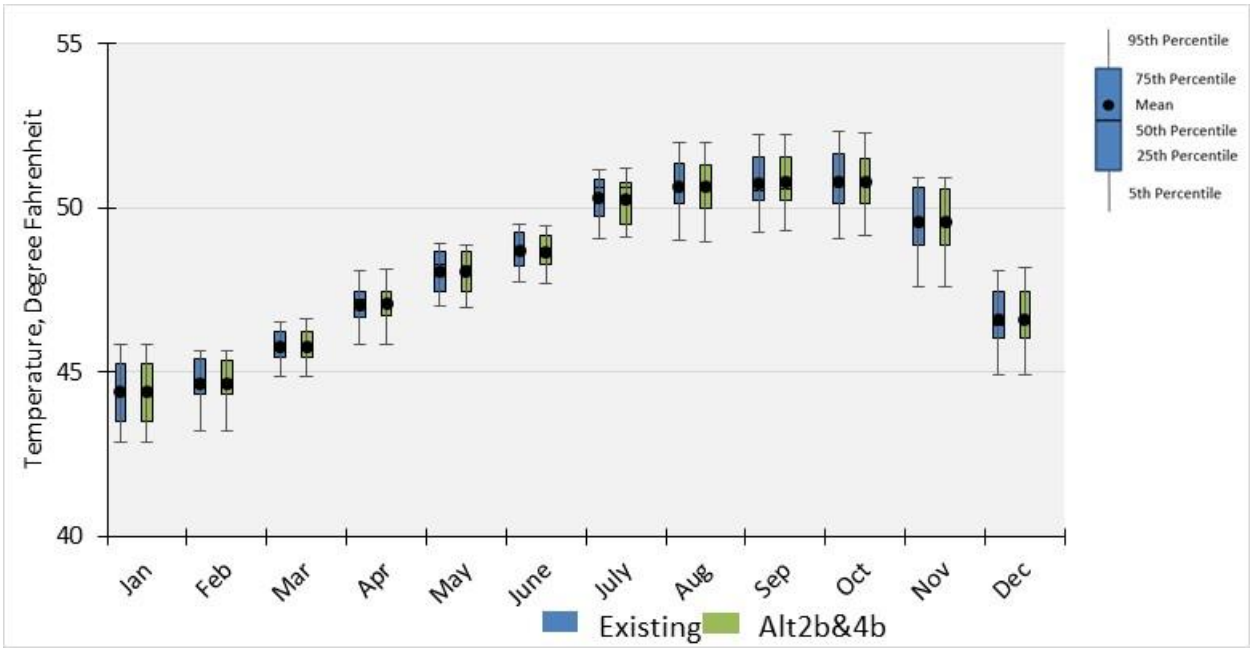


Figure 5A-D1.10.31. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



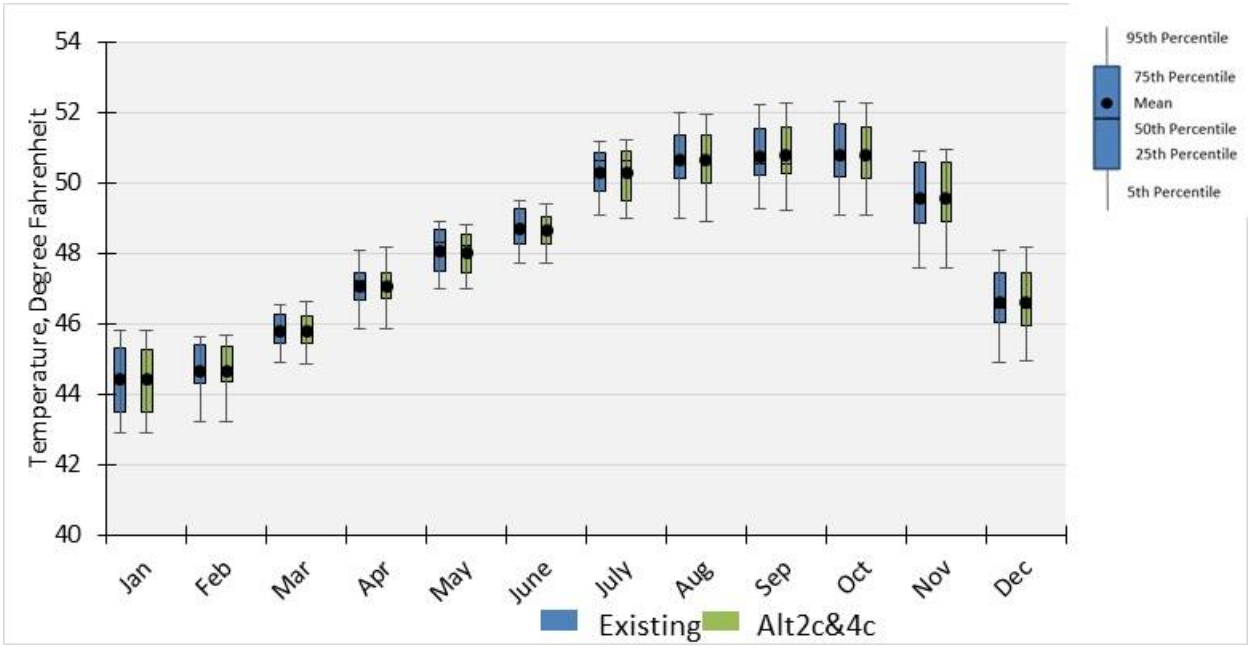
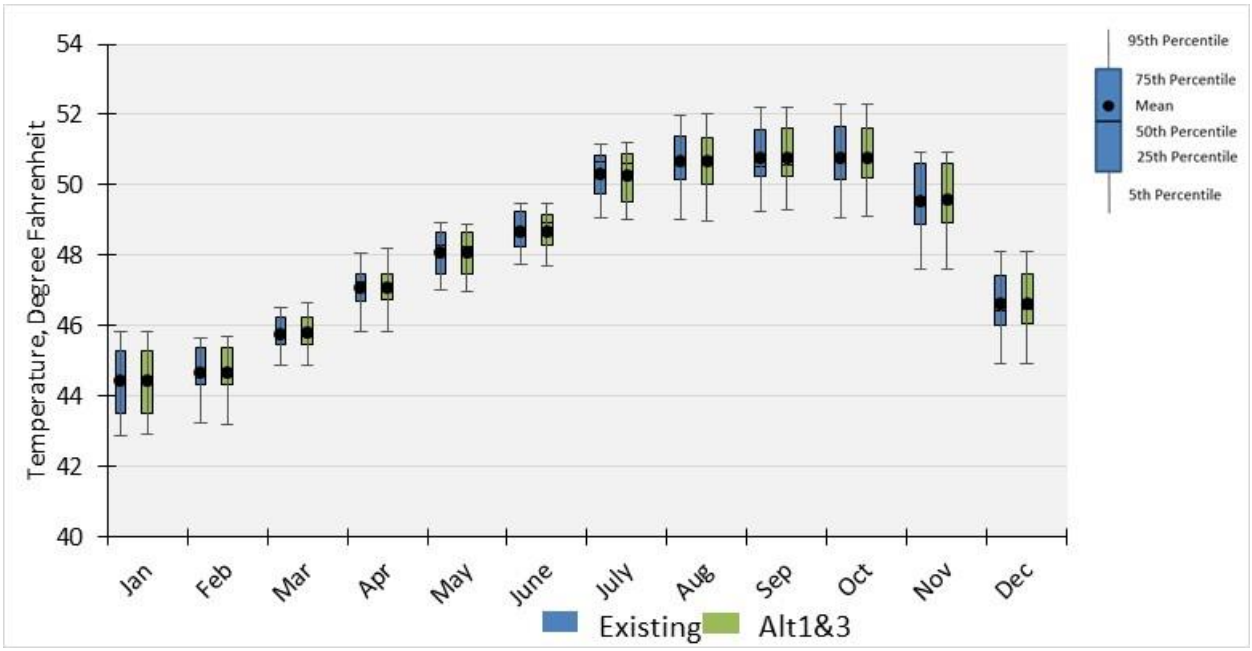


Figure 5A-D1.10.32. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



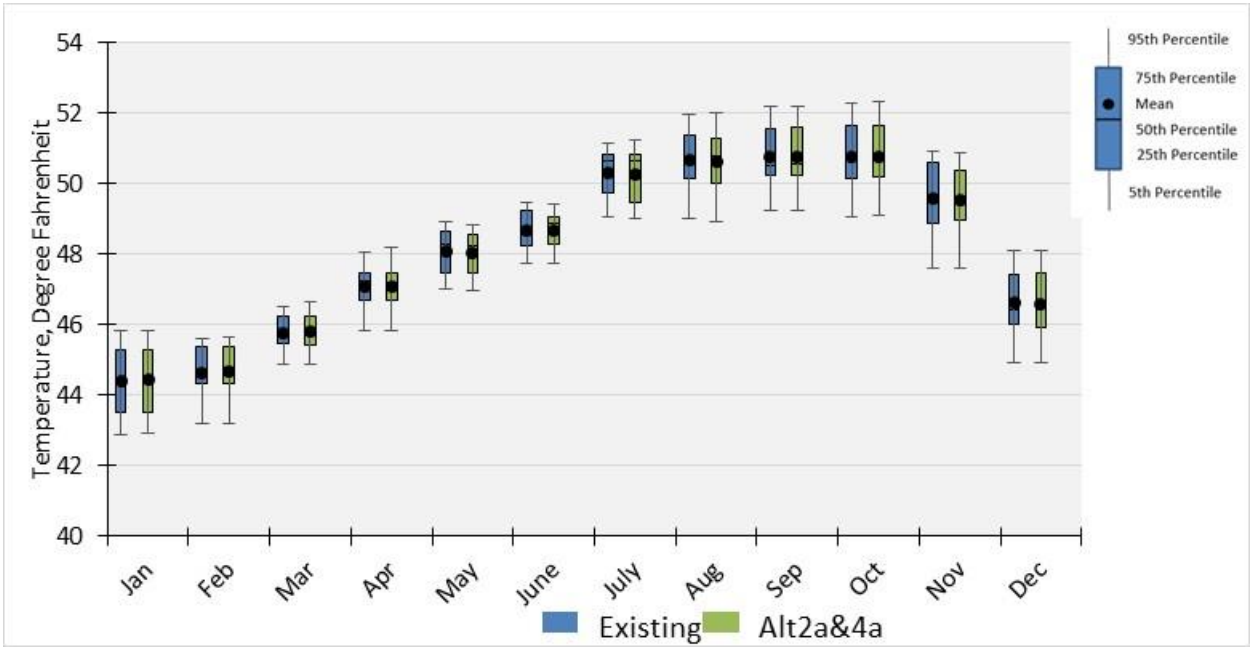


Figure 5A-D1.10.33. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

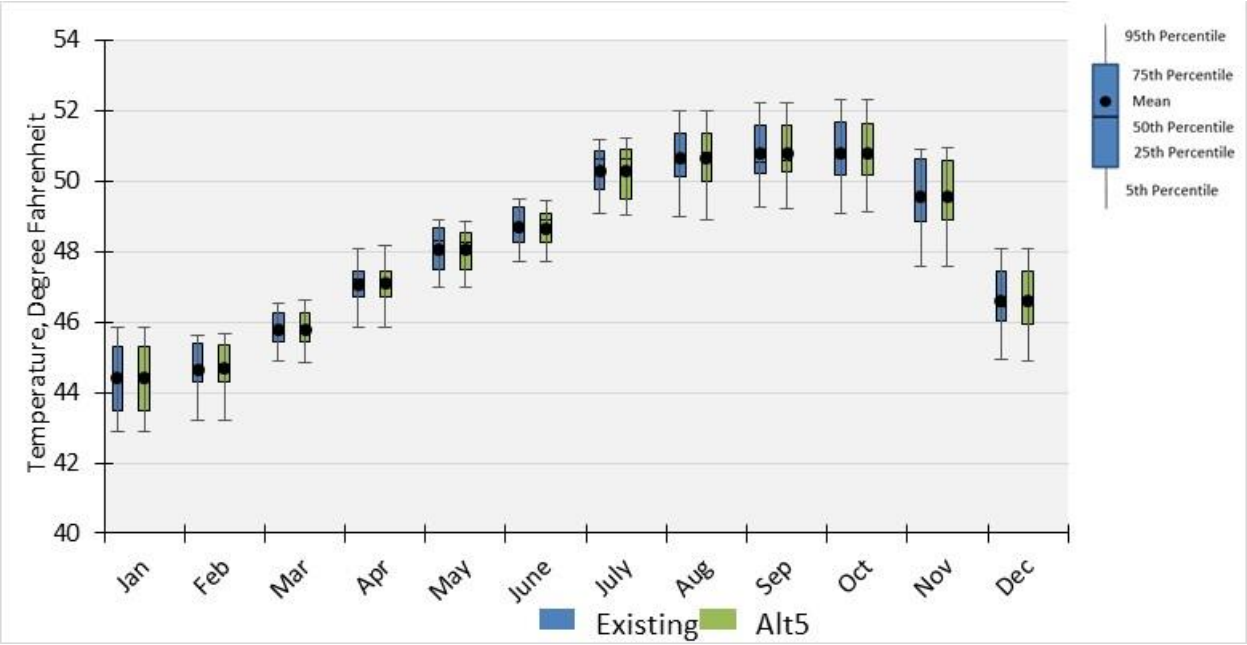
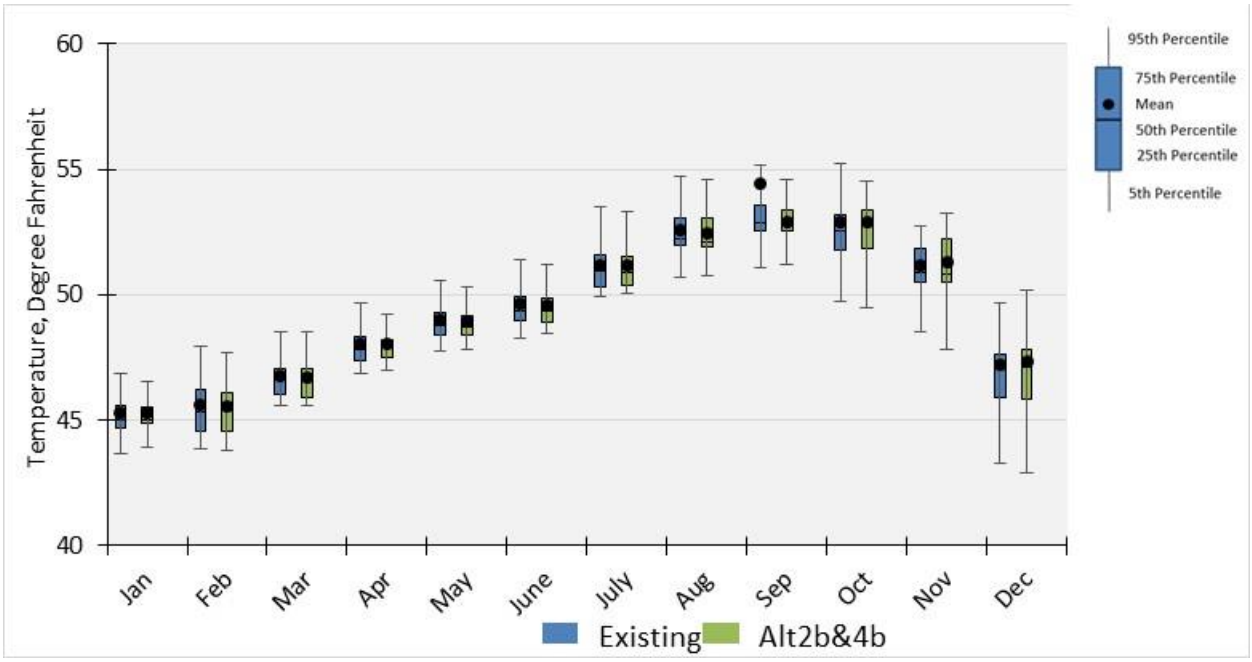


Figure 5A-D1.10.34. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



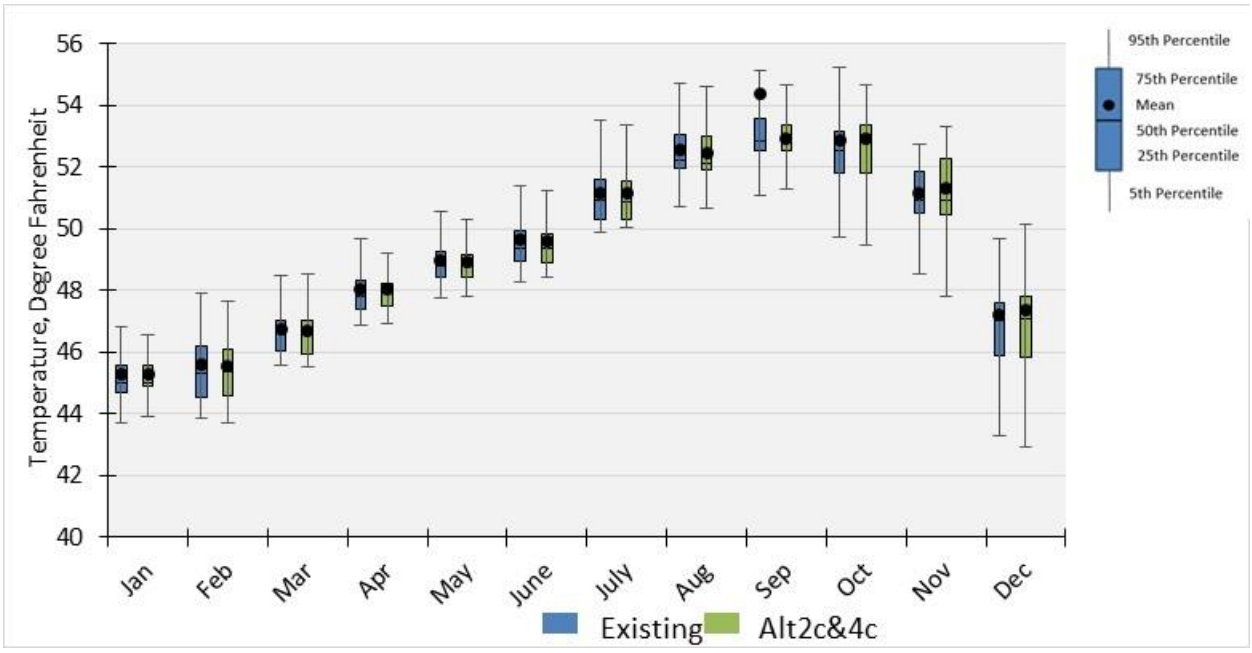
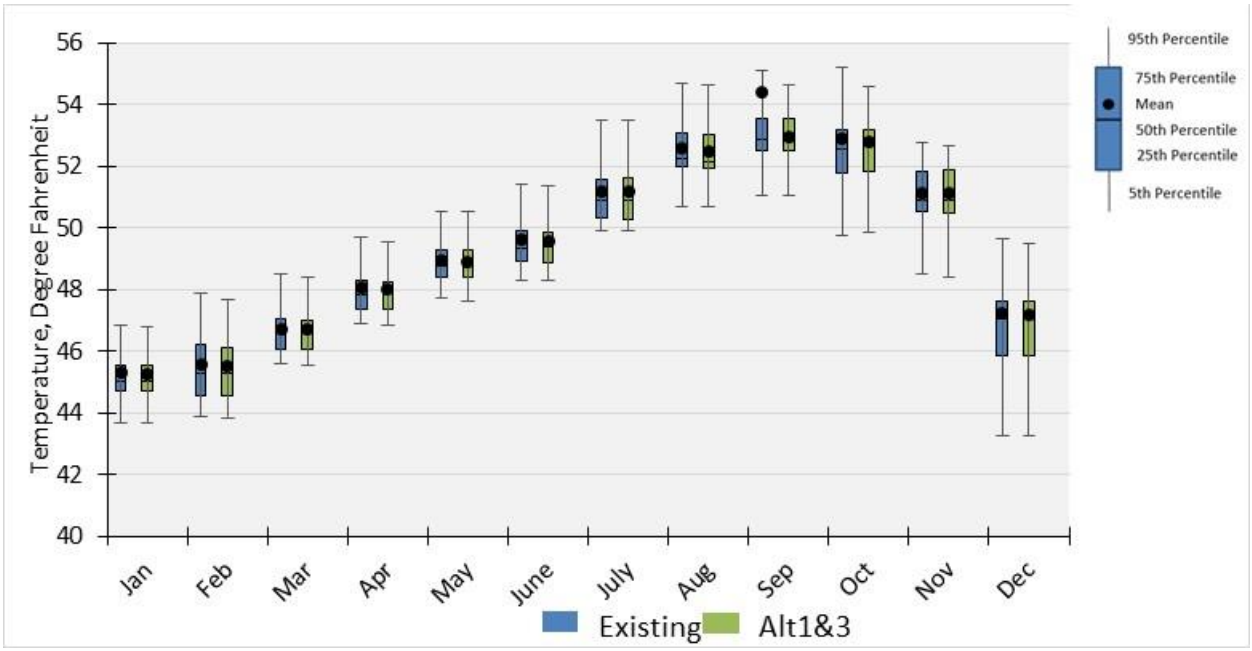


Figure 5A-D1.10.35. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



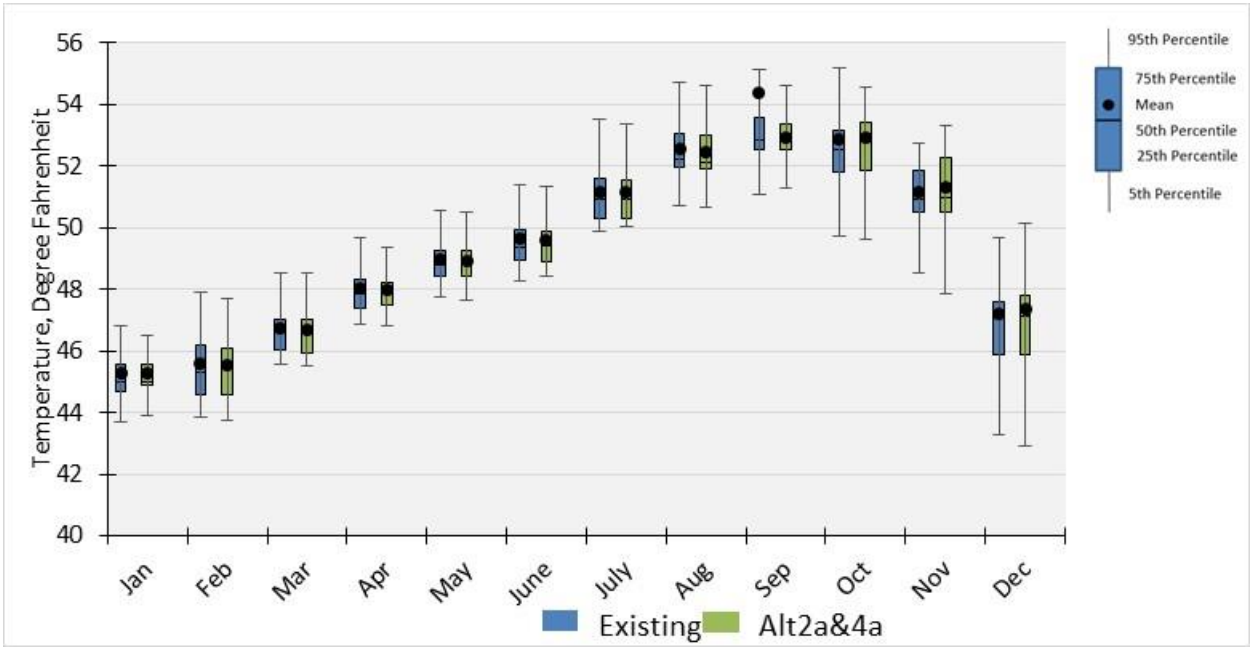


Figure 5A-D1.10.36. Clear Creek at Whiskeytown, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

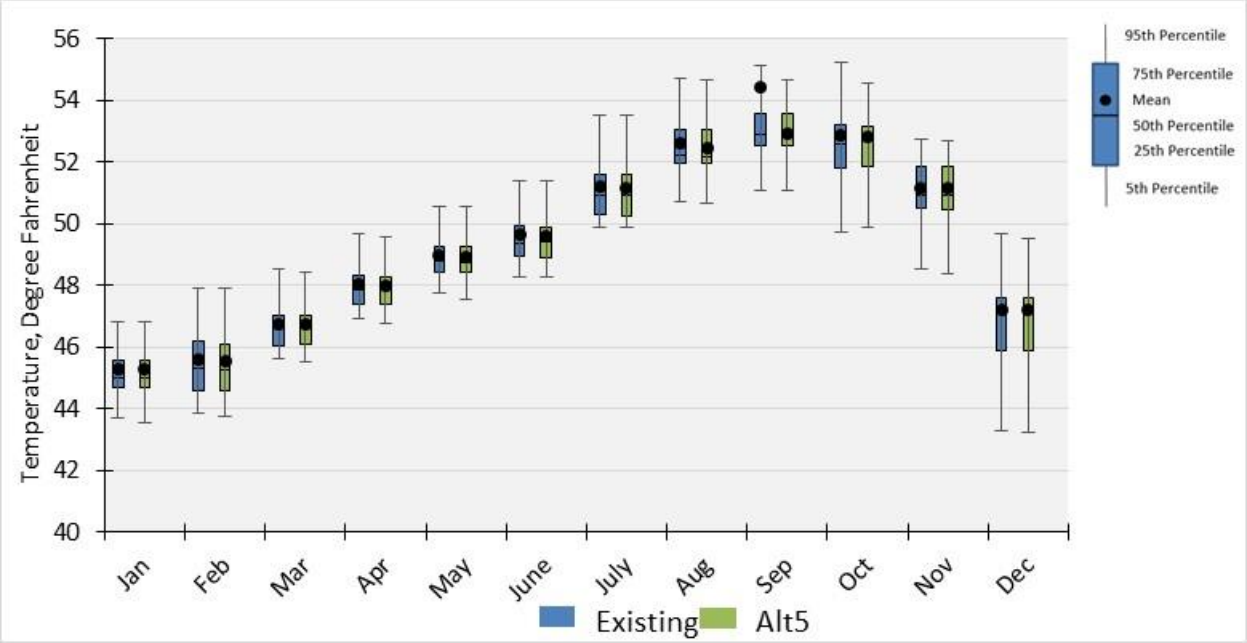
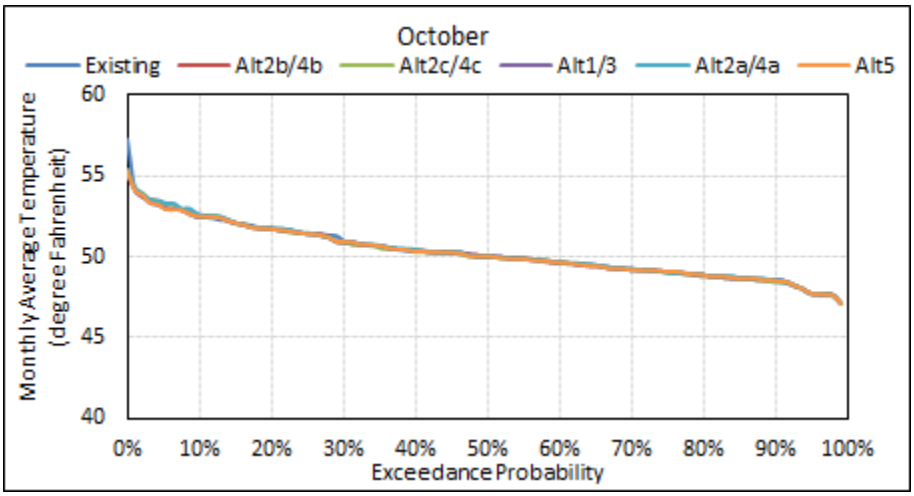
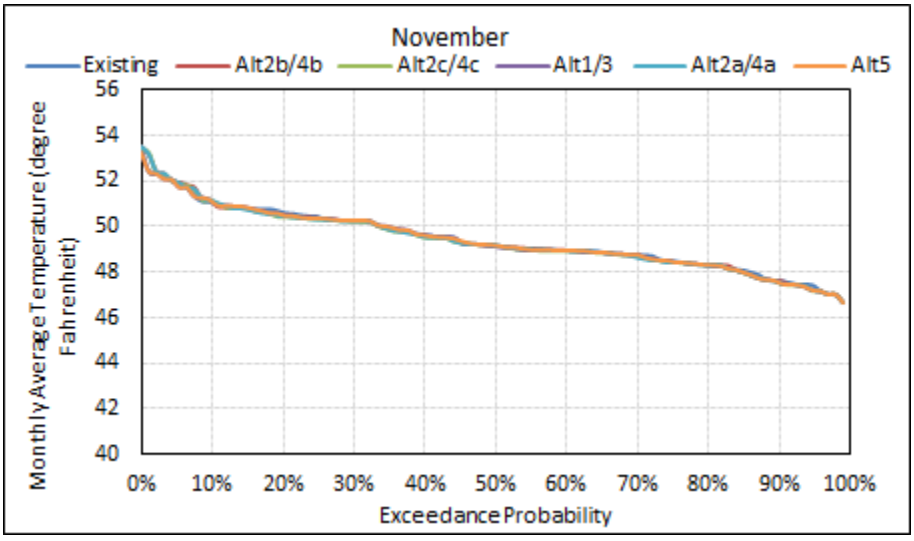


Figure 5A-D1.10.37-A. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





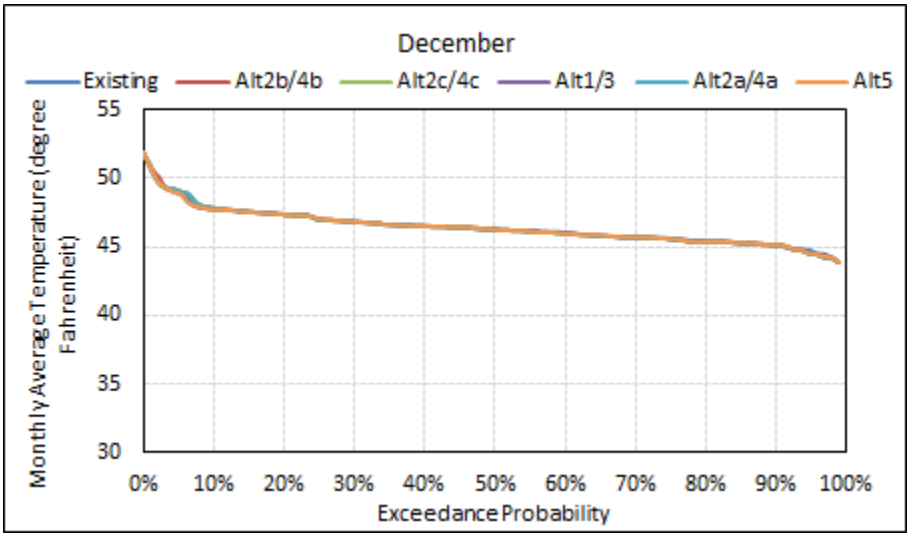
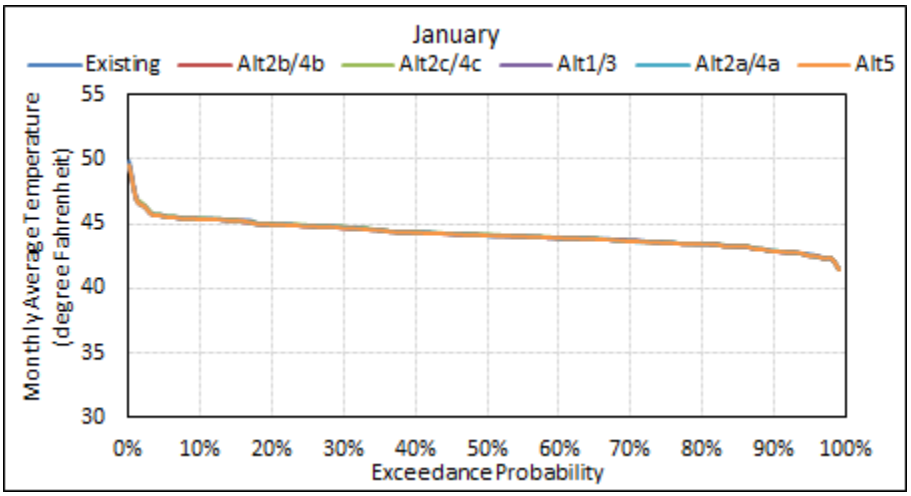
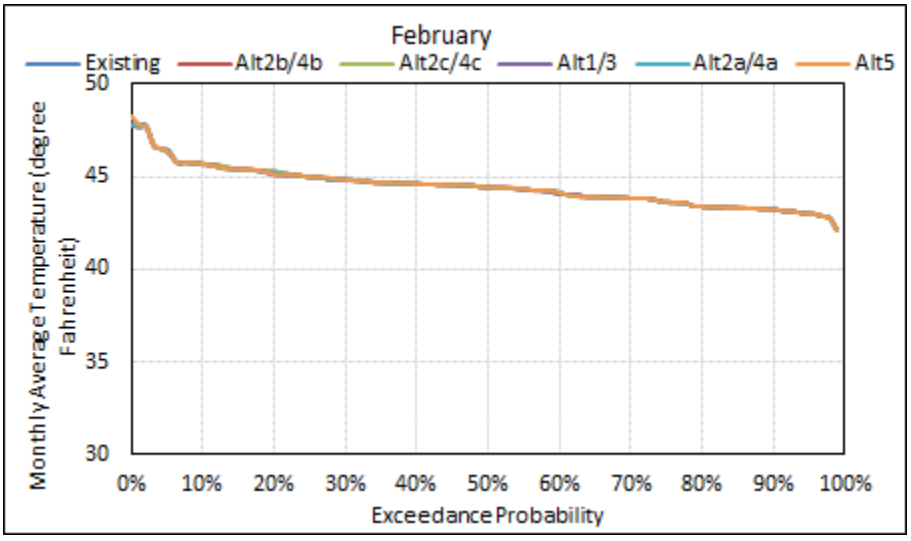


Figure 5A-D1.10.37-B. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





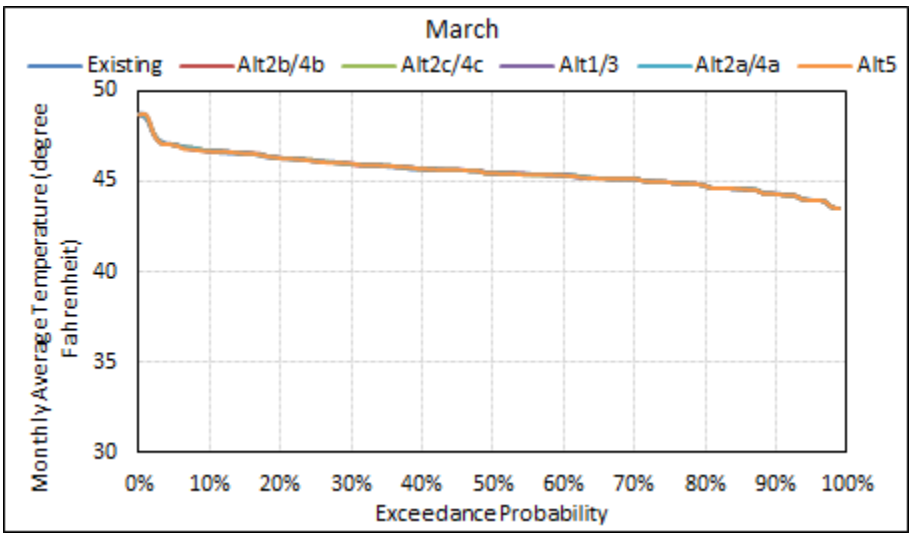
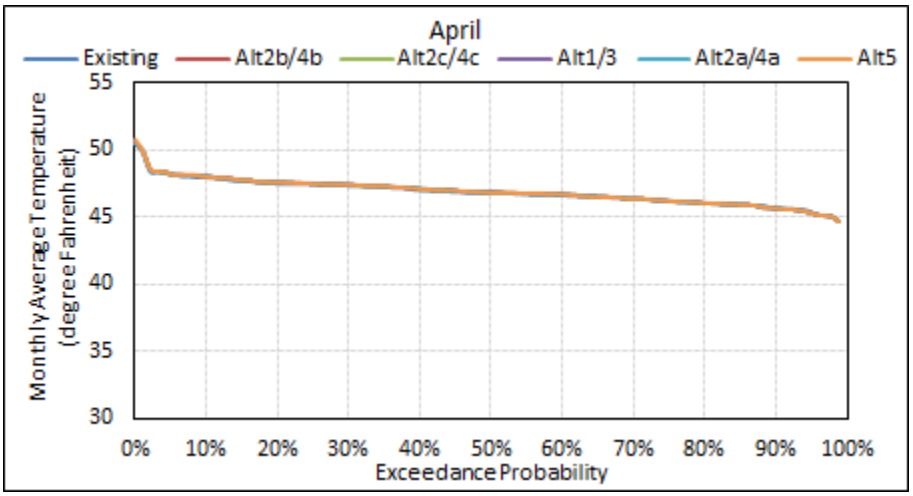
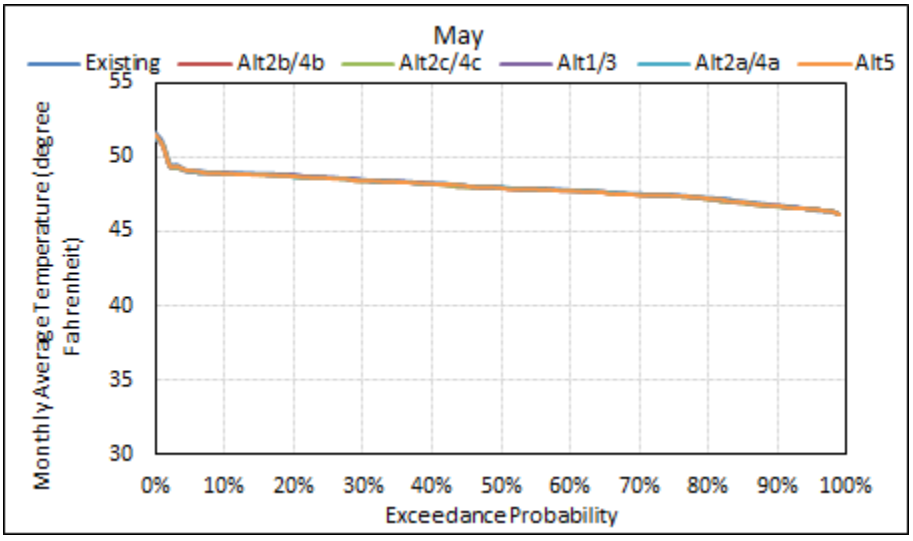


Figure 5A-D1.10.37-C. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





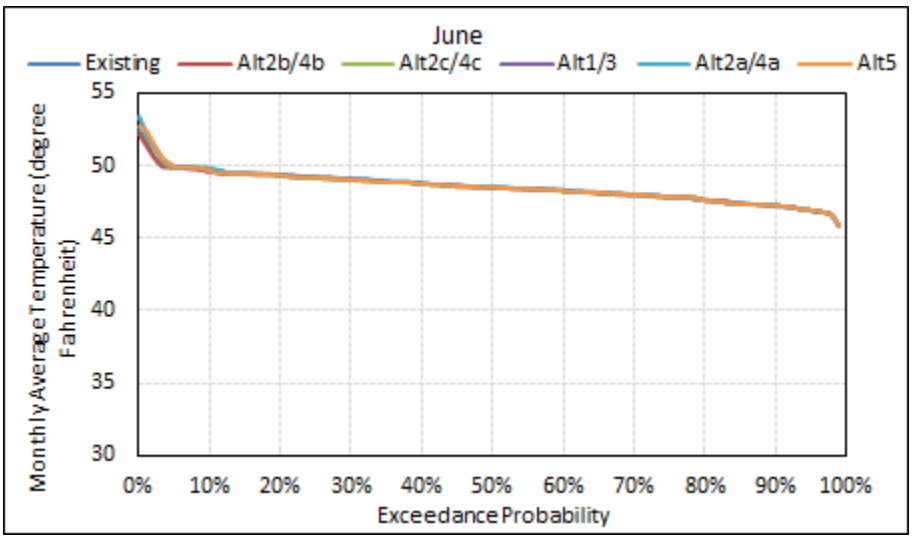
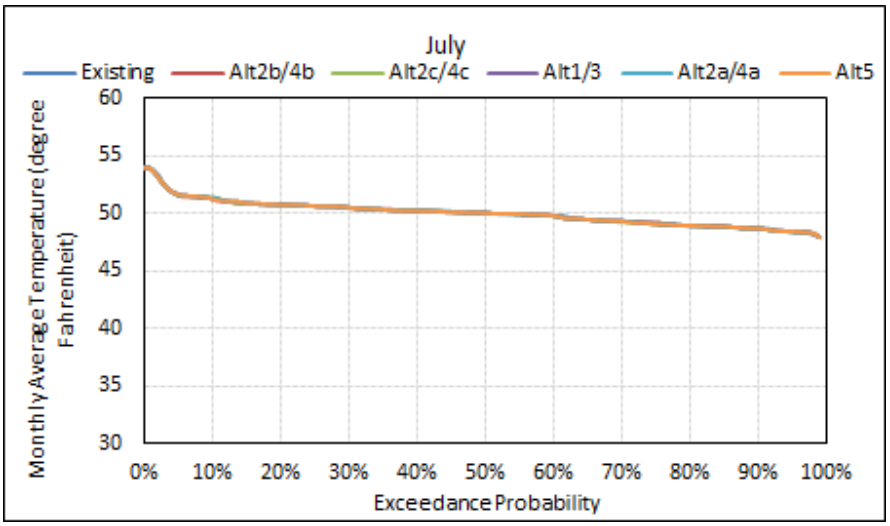
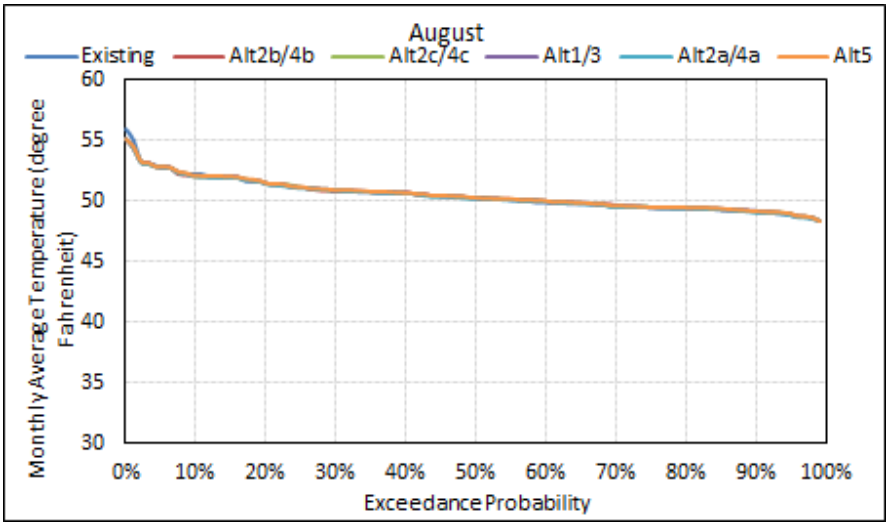


Figure 5A-D1.10.37-D. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





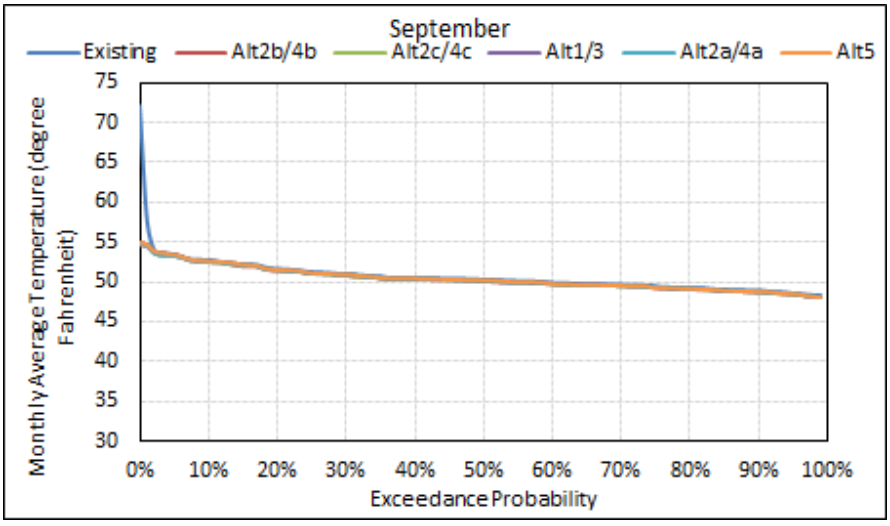


Figure 5A-D1.10.38. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

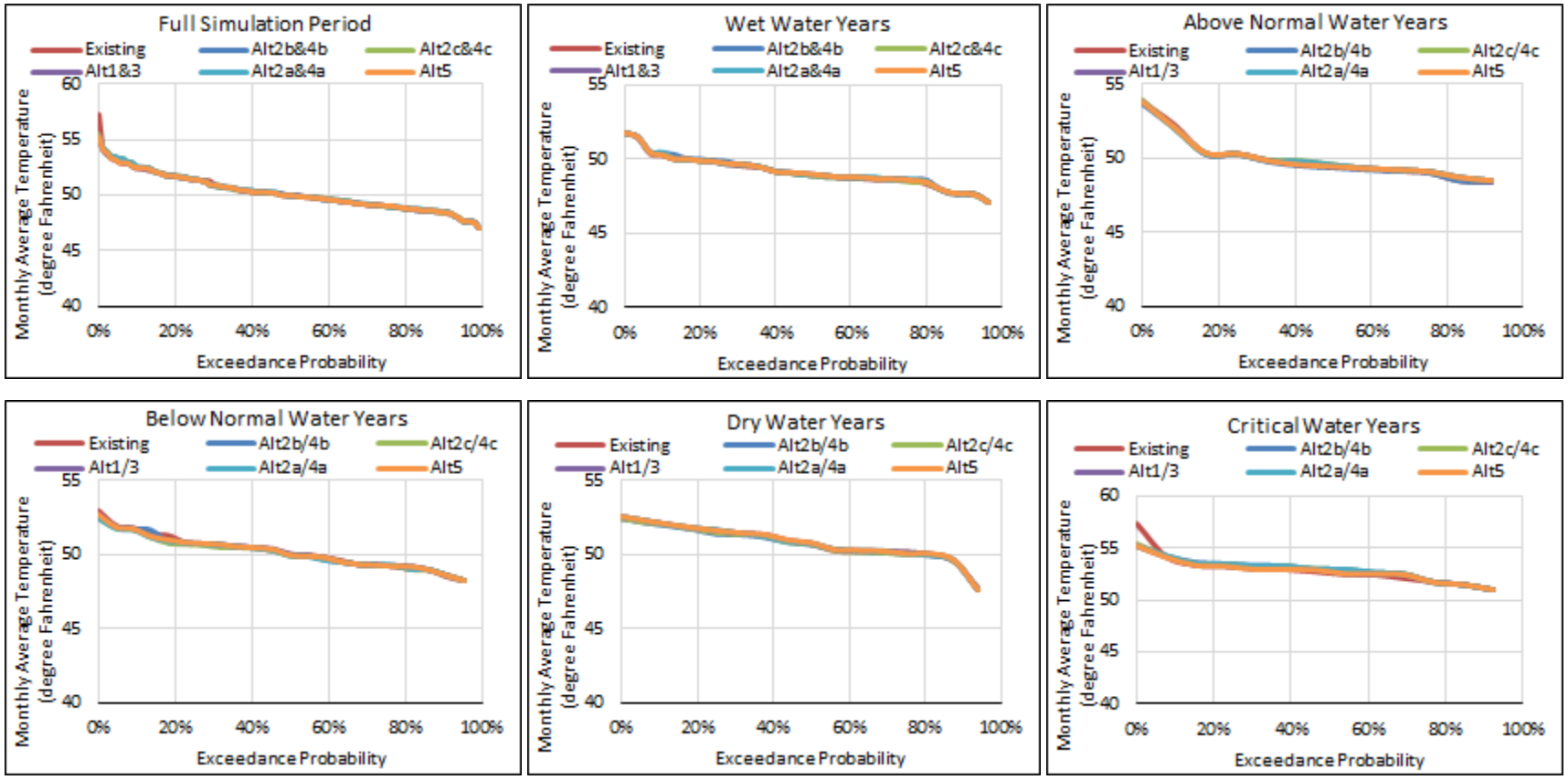


Figure 5A-D1.10.39. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

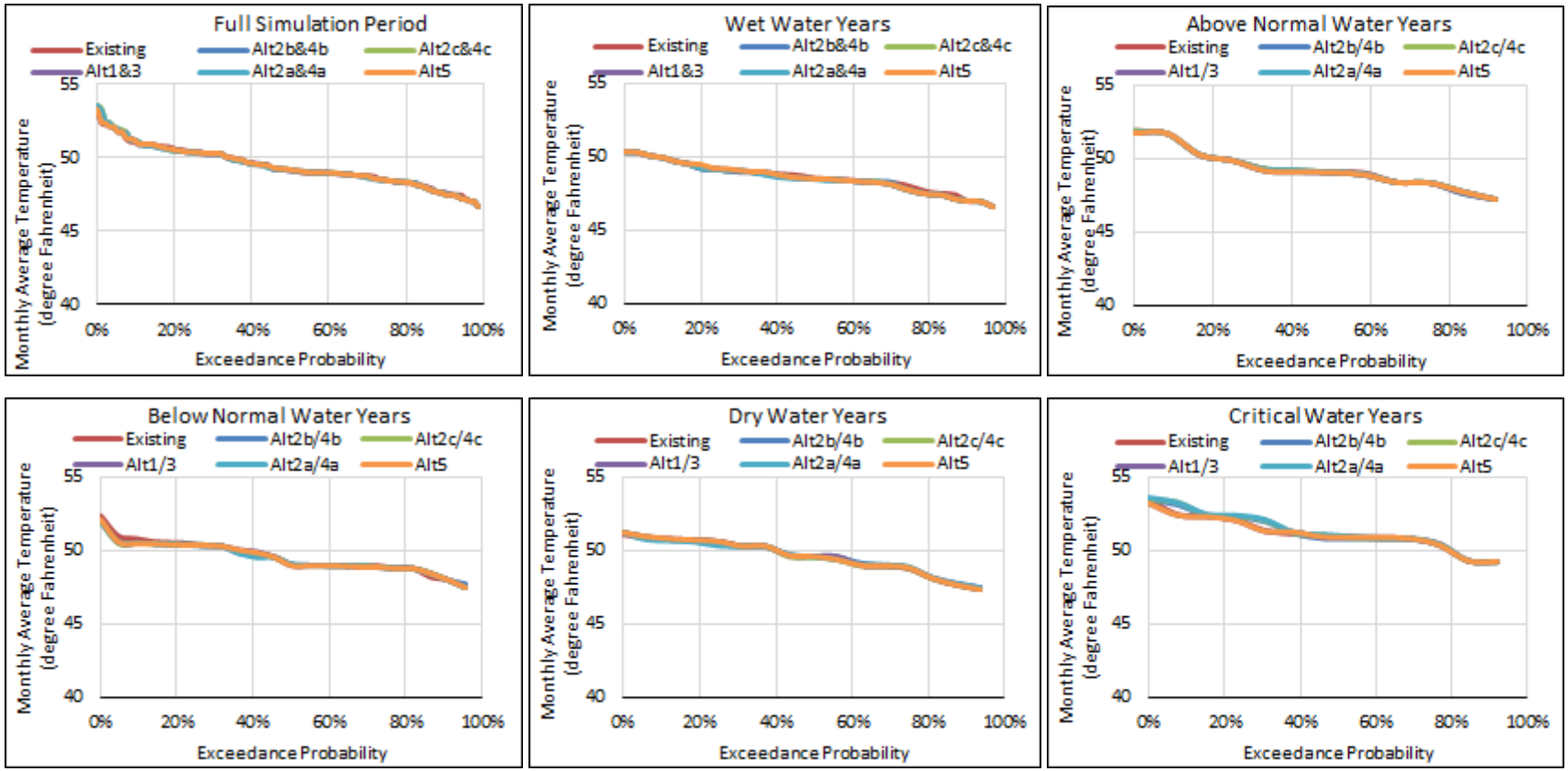


Figure 5A-D1.10.40. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

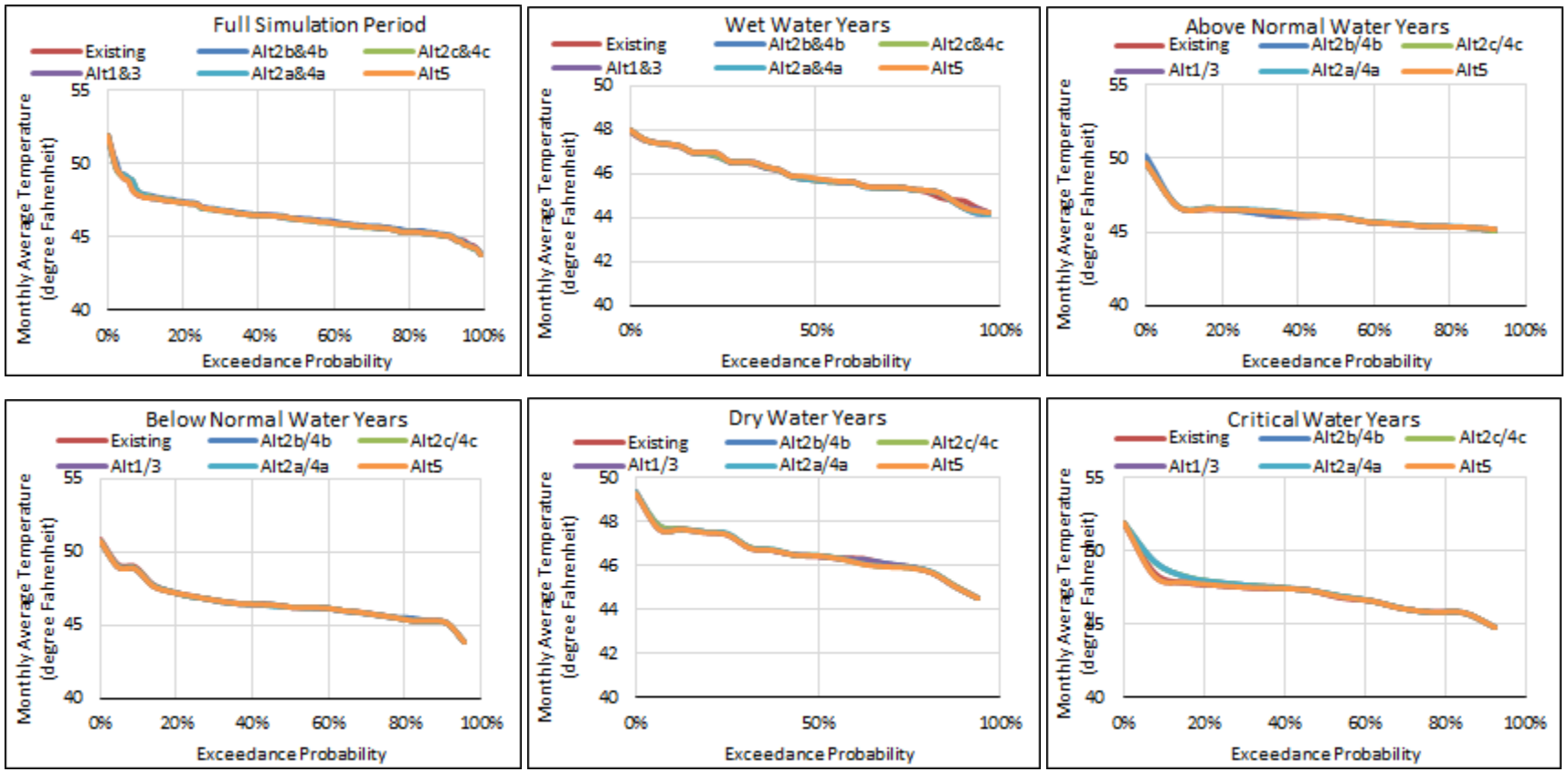


Figure 5A-D1.10.41. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

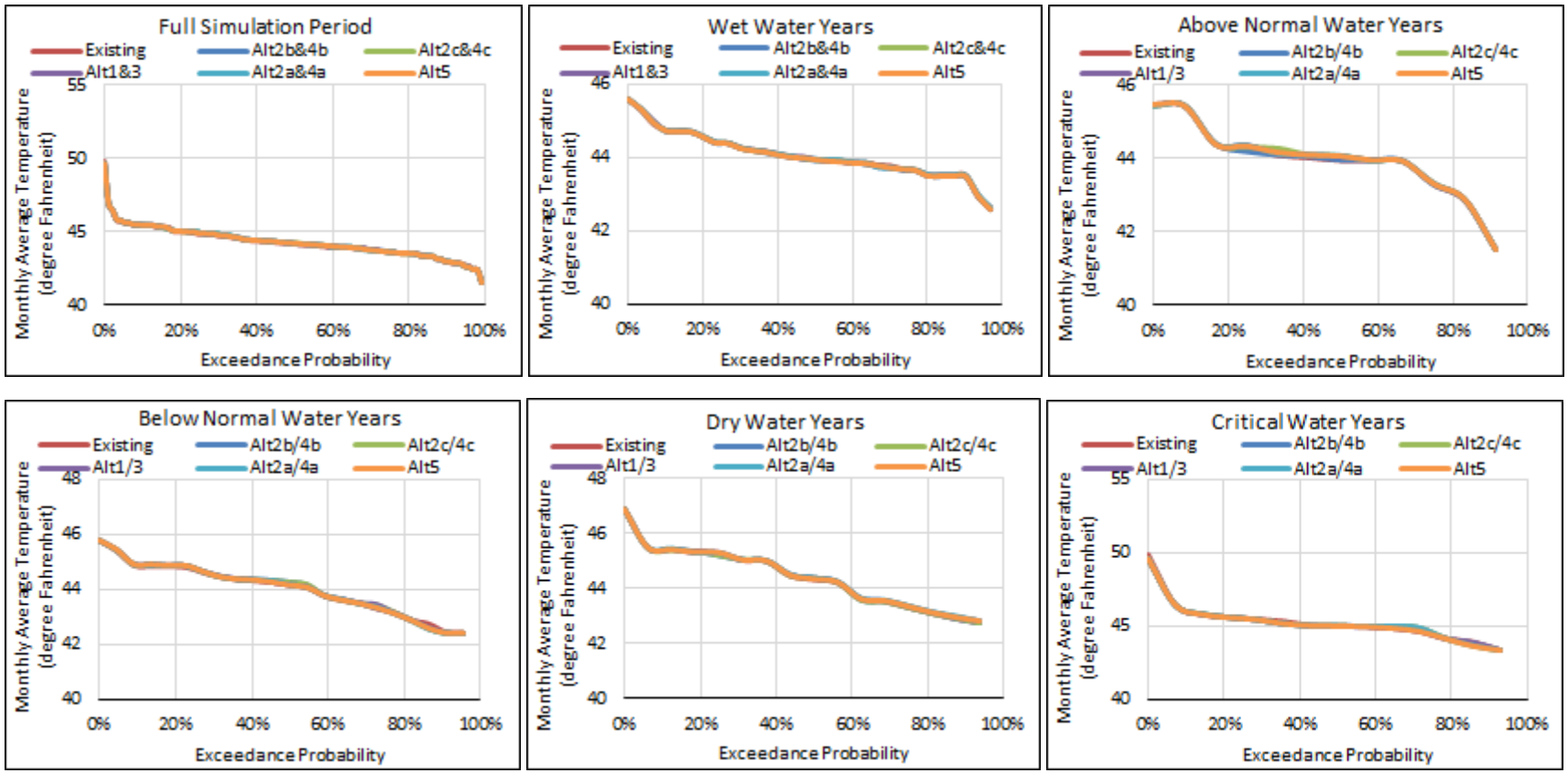


Figure 5A-D1.10.42. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

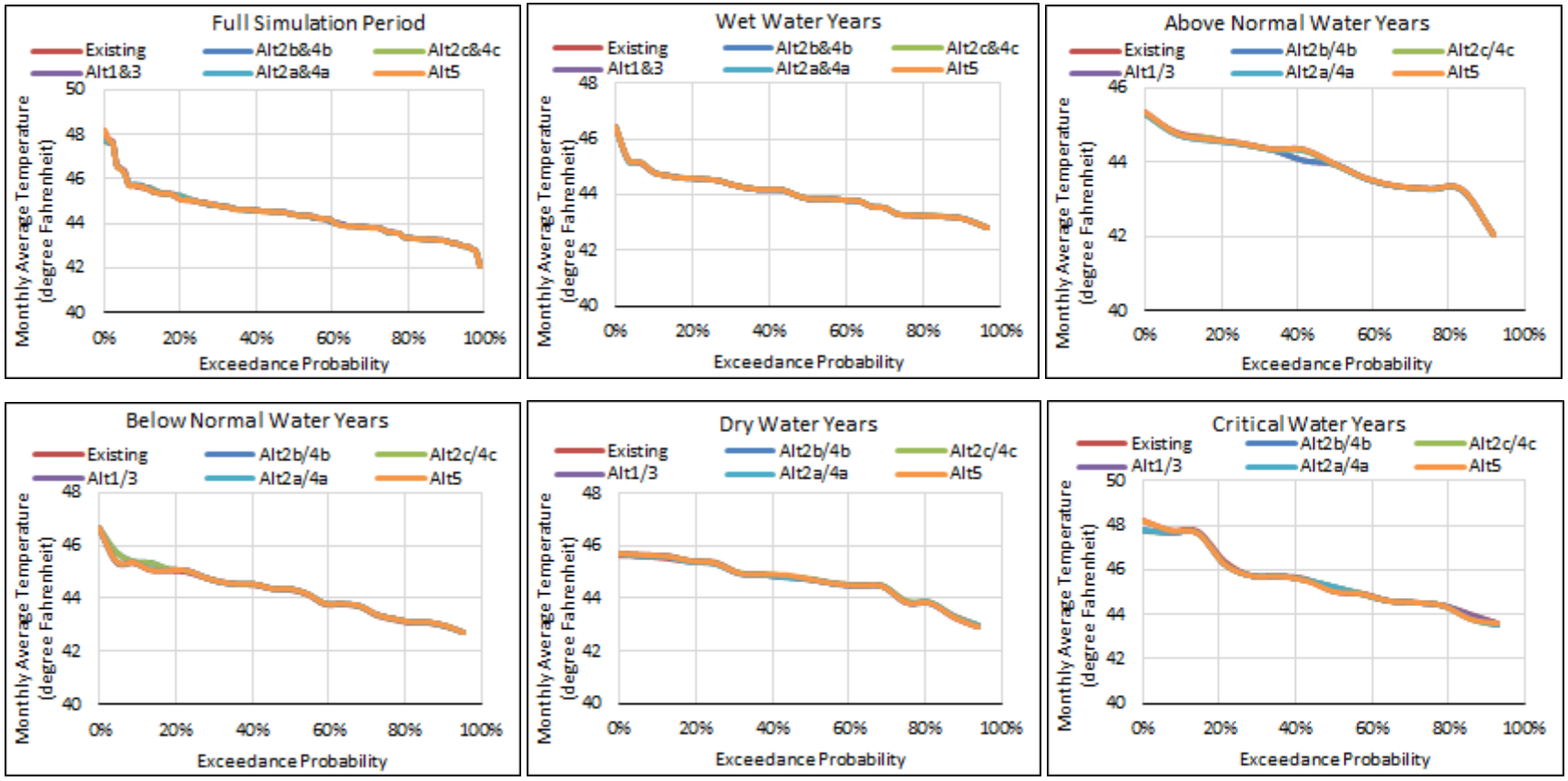


Figure 5A-D1.10.43. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

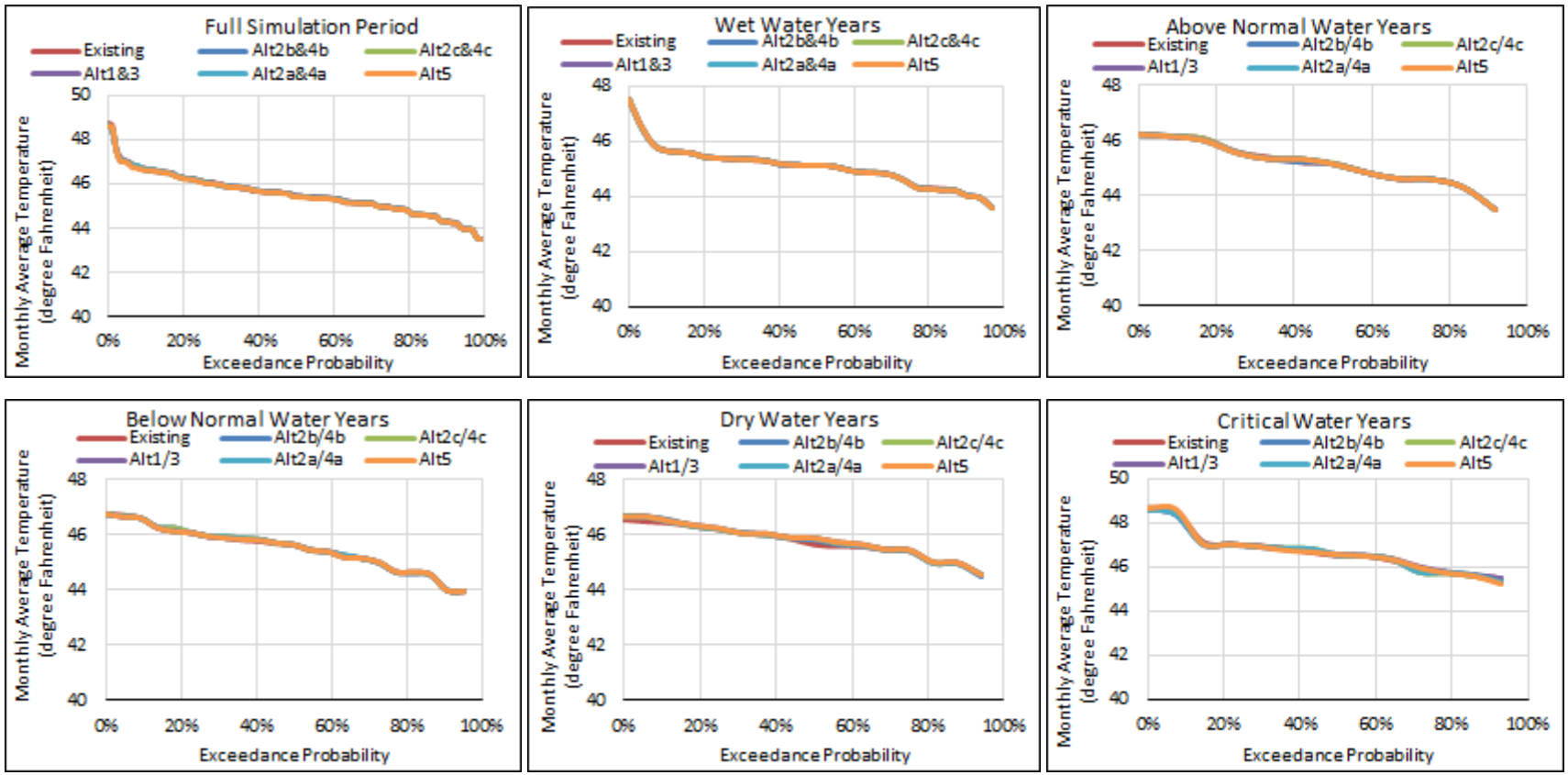


Figure 5A-D1.10.44. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

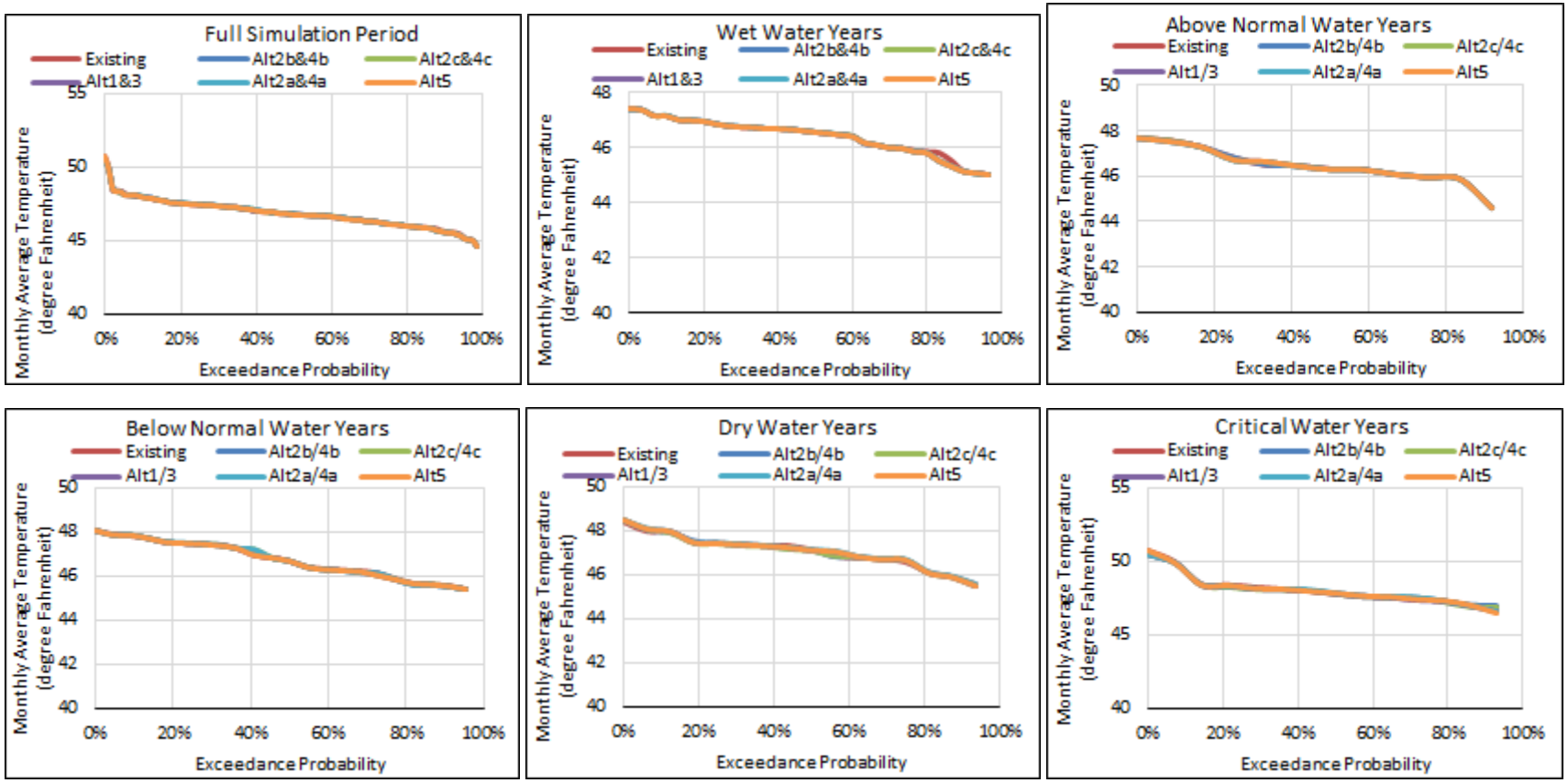


Figure 5A-D1.10.45. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

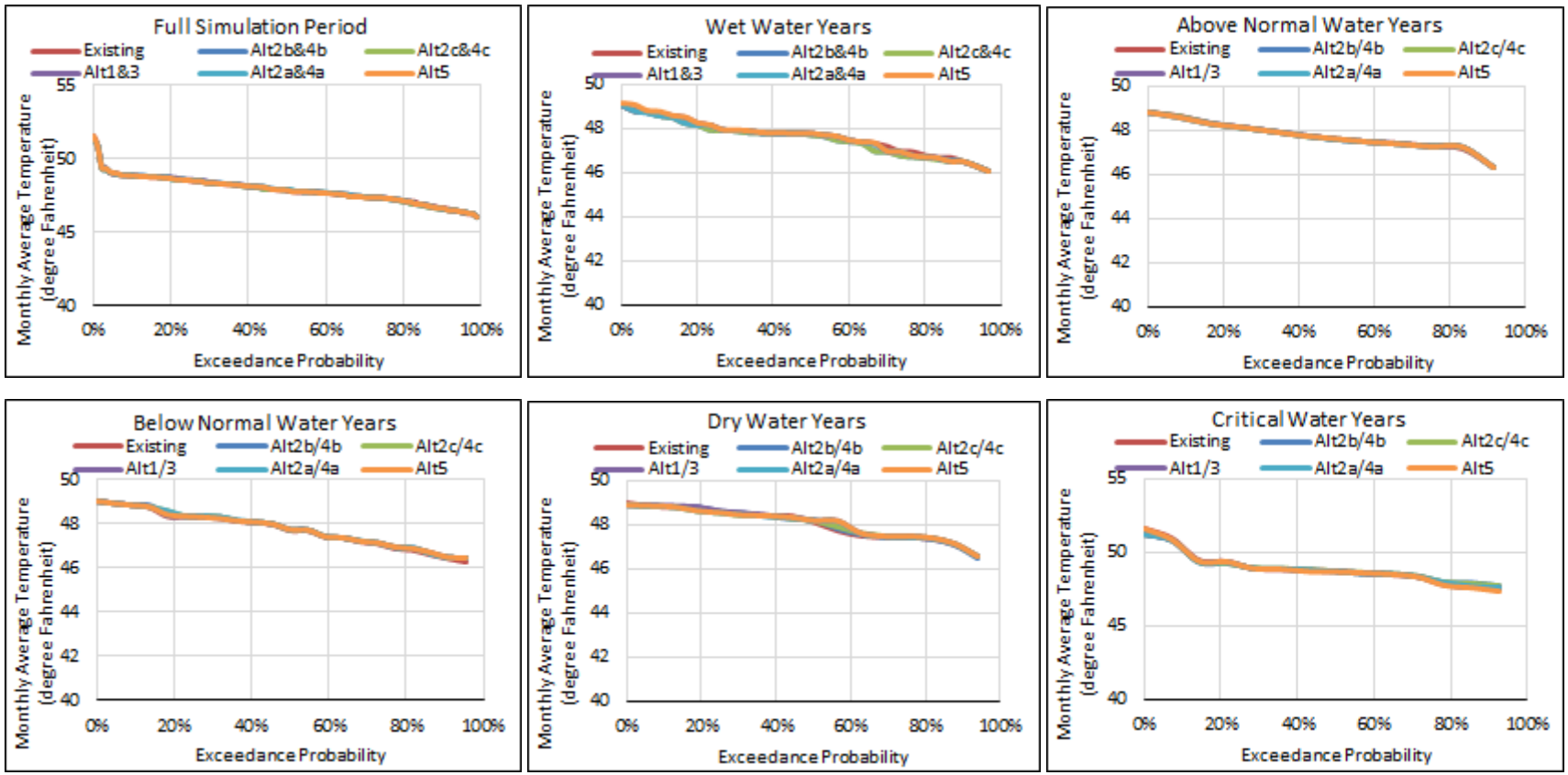


Figure 5A-D1.10.46. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

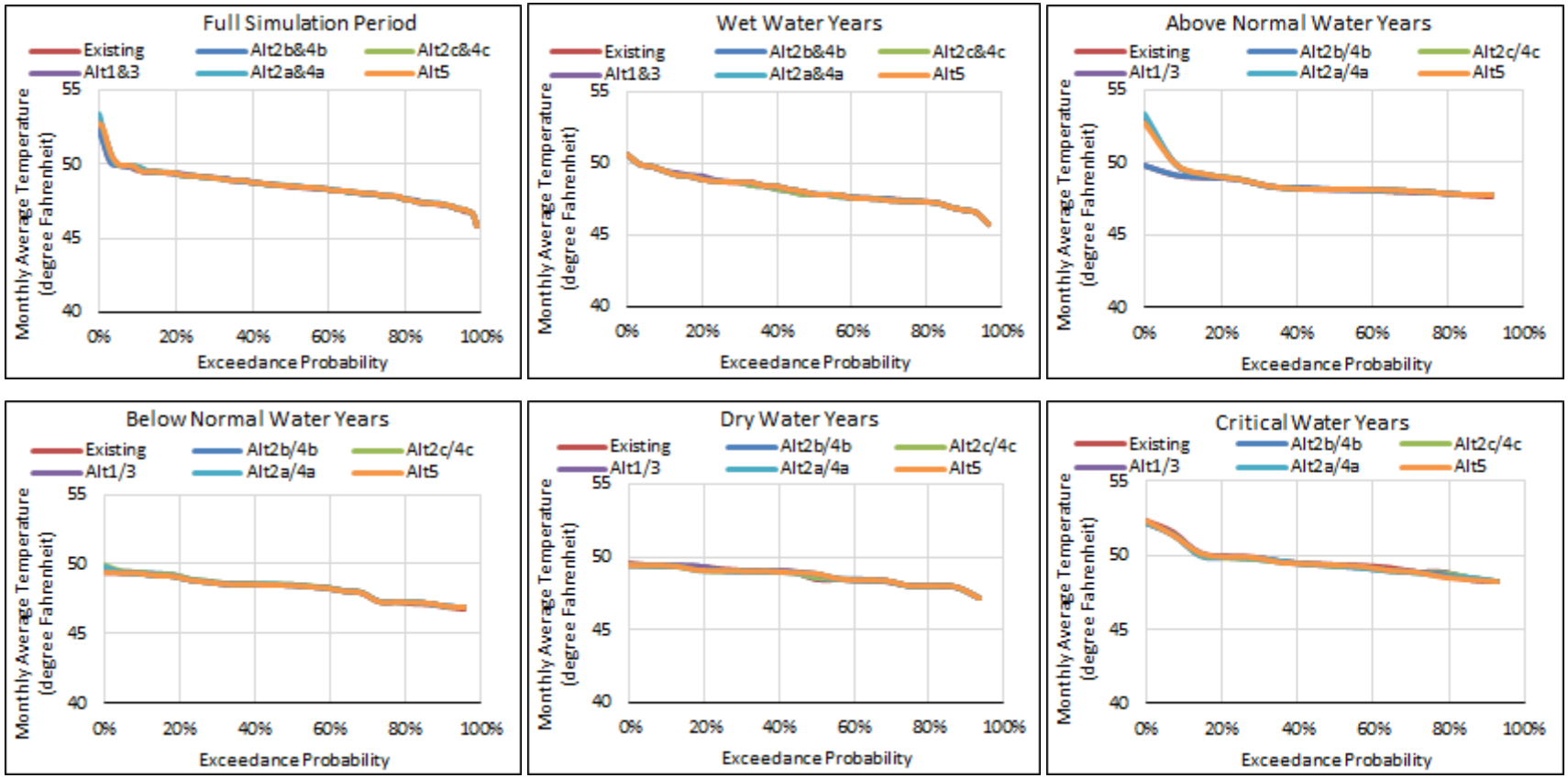


Figure 5A-D1.10.47. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

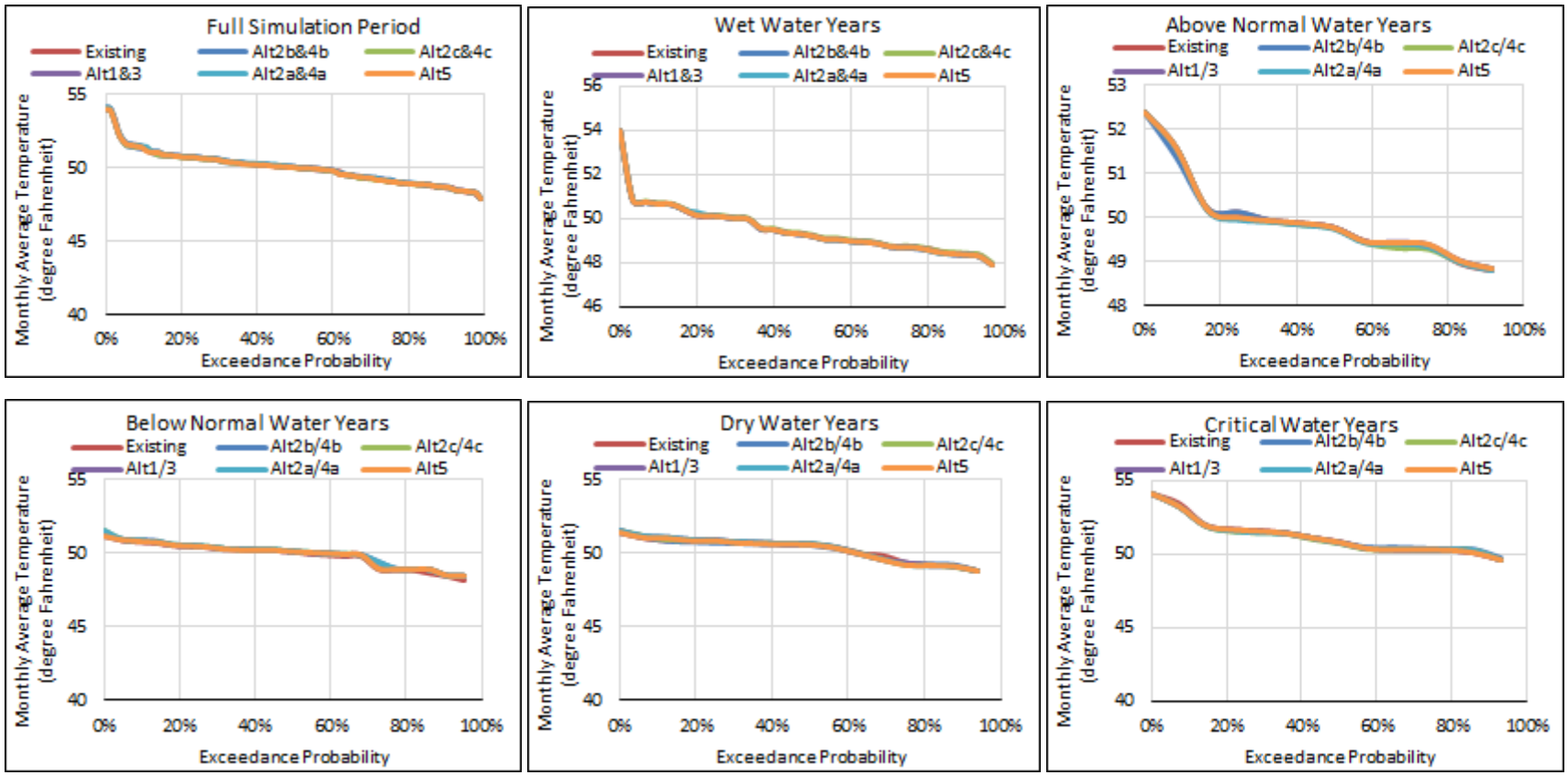


Figure 5A-D1.10.48. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

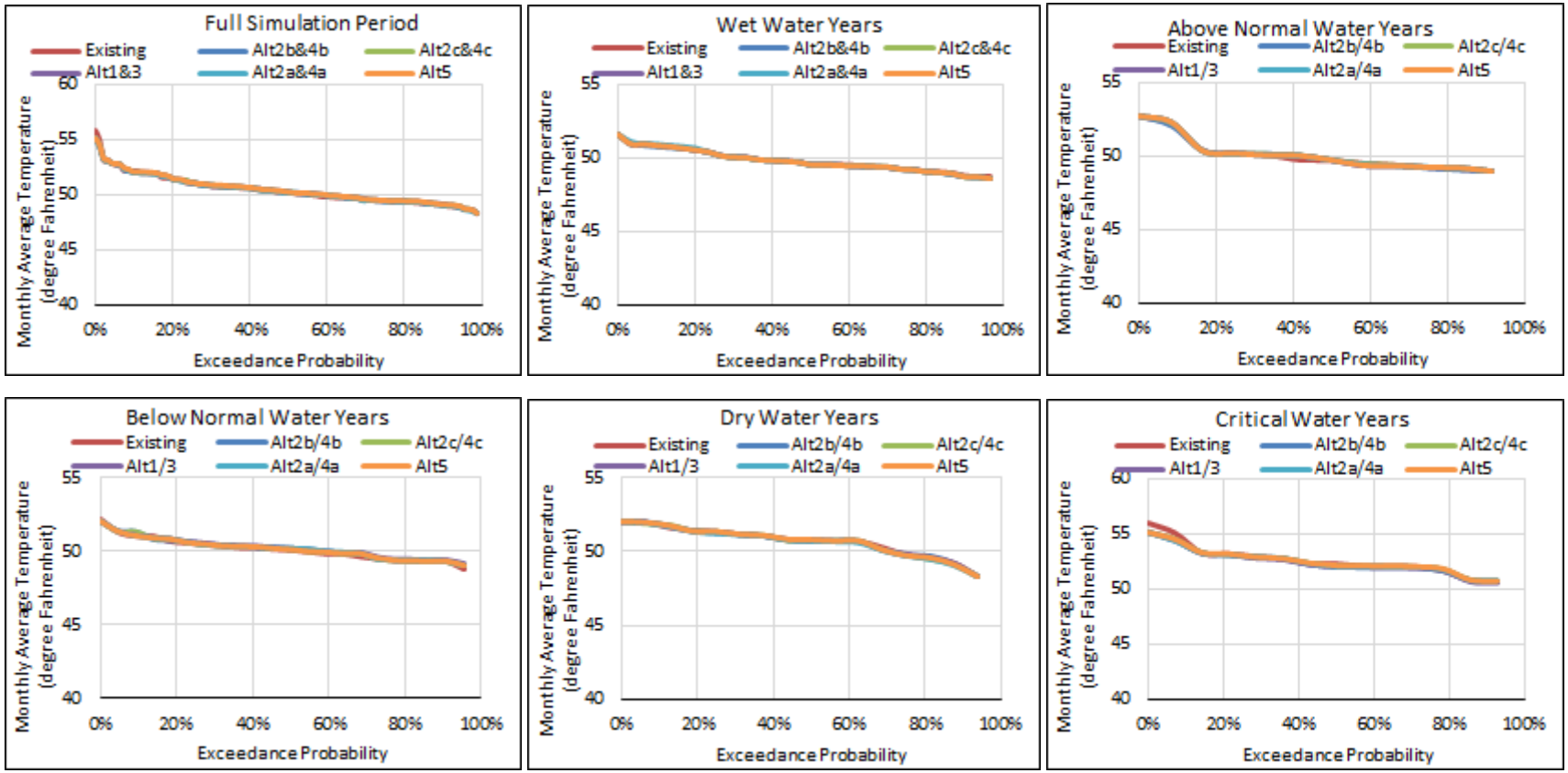
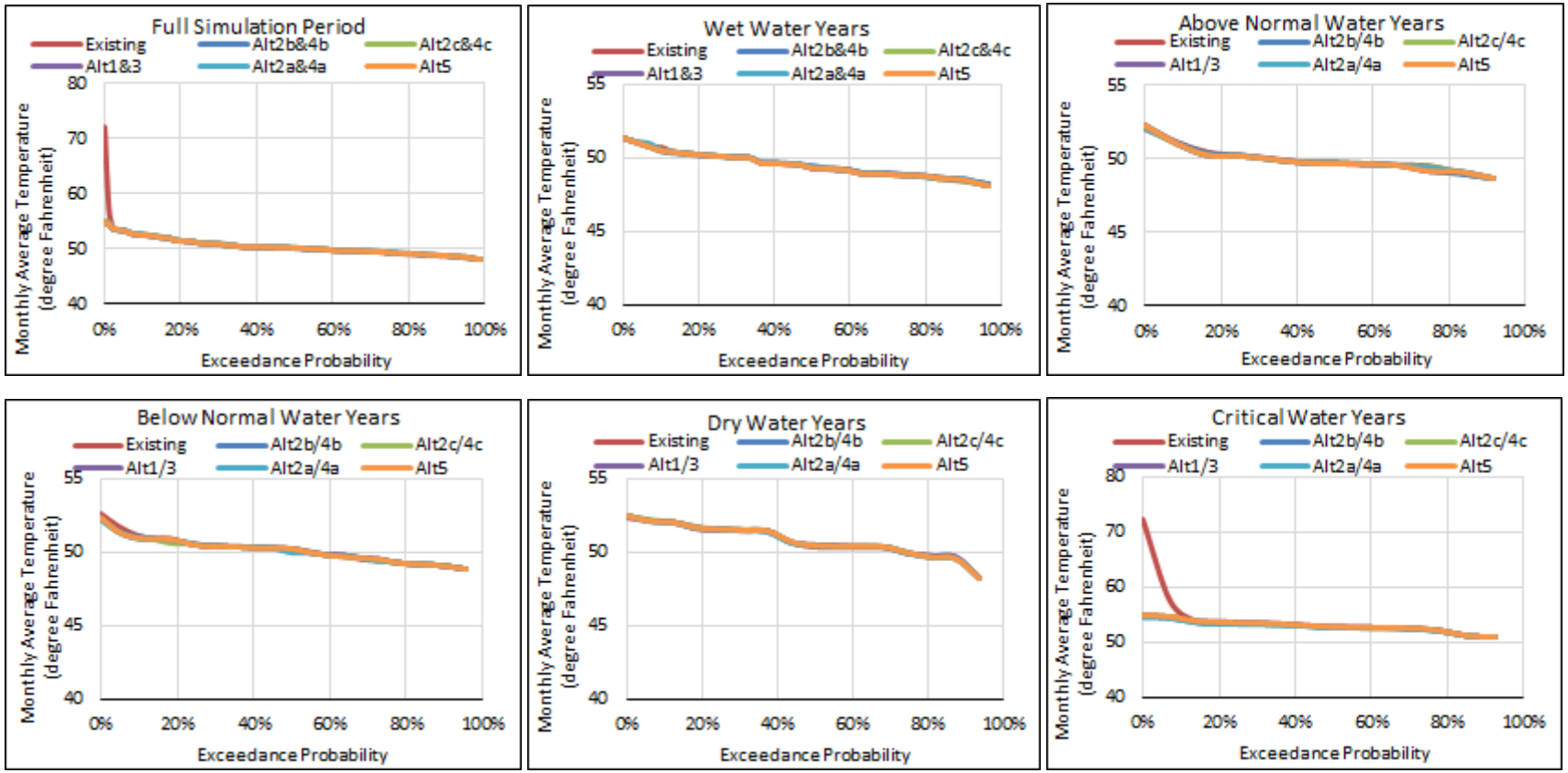


Figure 5A-D1.10.49. Clear Creek at Whiskeytown, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.11 Sacramento River at Balls Ferry

Table 5A-D1.11.1-A. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.5	55.0	52.7	49.5	49.8	53.0	57.4	57.9	55.8	55.0	54.7	56.6
20%	55.2	54.6	52.2	48.9	49.2	52.2	56.9	56.9	54.9	53.7	54.1	55.6
30%	54.6	54.4	51.9	48.6	48.8	51.8	56.4	56.4	54.1	53.4	53.5	54.5
40%	53.8	54.2	51.5	48.0	48.3	51.2	55.9	56.0	53.8	53.1	53.1	53.8
50%	53.5	54.1	51.2	47.9	47.9	50.8	55.2	55.4	53.4	52.9	52.8	53.3
60%	53.2	53.9	50.9	47.6	47.5	50.3	54.8	55.0	53.2	52.6	52.4	52.8
70%	52.9	53.7	50.4	47.1	47.0	49.6	54.0	54.8	52.9	52.3	52.2	52.4
80%	52.6	53.5	50.1	46.8	46.6	48.7	53.1	54.3	52.4	52.2	52.0	52.1
90%	52.2	53.2	49.3	46.2	46.1	47.9	52.5	53.5	51.7	52.0	51.7	51.5

Table 5A-D1.11.1-B. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.1	54.1	51.1	47.8	47.9	50.6	55.1	55.6	53.7	53.1	53.3	54.1
Wet Water Years	53.0	54.0	51.5	47.3	46.8	49.0	53.7	55.3	53.8	52.8	52.3	52.4
Above Normal Water Years	53.1	53.8	51.1	47.7	47.6	50.4	55.1	55.3	53.5	52.9	52.5	52.5
Below Normal Water Years	53.9	54.0	51.0	47.8	48.2	51.0	55.9	55.3	53.2	52.6	52.8	53.8
Dry Water Years	54.0	53.8	51.1	48.3	48.7	51.8	55.9	55.6	52.7	52.8	53.3	54.5
Critical Water Years	58.1	55.0	50.4	48.5	49.3	52.1	55.7	56.7	55.9	54.9	56.6	59.1

Table 5A-D1.11.1-C. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.4	55.0	52.7	49.5	49.7	53.0	57.5	57.8	55.9	54.7	54.6	56.5
20%	55.2	54.6	52.1	48.9	49.2	52.2	56.6	56.9	54.9	53.7	54.1	55.9
30%	54.4	54.4	51.9	48.5	48.8	51.7	56.3	56.3	54.2	53.5	53.5	54.6
40%	53.8	54.2	51.5	48.1	48.3	51.2	55.9	56.0	53.9	53.1	53.0	53.9
50%	53.5	54.1	51.2	47.9	47.9	50.8	55.2	55.4	53.5	52.9	52.8	53.4
60%	53.2	53.9	50.9	47.6	47.5	50.4	54.7	55.0	53.2	52.7	52.4	52.8
70%	52.9	53.8	50.4	47.1	47.0	49.6	54.0	54.8	52.9	52.5	52.2	52.6
80%	52.6	53.5	50.1	46.8	46.6	48.8	53.2	54.4	52.5	52.2	52.0	52.2
90%	52.2	53.2	49.3	46.2	46.1	47.9	52.5	53.5	51.7	52.1	51.7	51.6

Table 5A-D1.11.1-D. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.1	54.1	51.1	47.8	47.9	50.6	55.0	55.5	53.8	53.1	53.1	54.1
Wet Water Years	53.0	54.0	51.4	47.3	46.8	49.0	53.7	55.3	53.7	52.8	52.4	52.4
Above Normal Water Years	53.0	53.8	51.1	47.7	47.6	50.4	55.1	55.3	53.5	53.0	52.5	52.5
Below Normal Water Years	53.9	54.0	51.0	47.8	48.2	51.0	55.9	55.3	53.2	52.7	52.7	54.0
Dry Water Years	54.1	53.8	51.1	48.4	48.7	51.7	55.9	55.6	52.7	52.8	53.3	54.6
Critical Water Years	58.2	55.1	50.5	48.5	49.4	52.1	55.5	56.6	56.1	54.7	55.9	58.8

Table 5A-D1.11.1-E. Sacramento River at Balls Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	-0.1	0.0	-0.1	0.0	0.1	-0.1	0.1	-0.3	-0.1	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.3
30%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
40%	0.0	0.0	0.0	0.1	0.1	0.0	-0.1	-0.1	0.1	0.0	-0.1	0.1
50%	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.1	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.2
80%	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1

Table 5A-D1.11.1-F. Sacramento River at Balls Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.1	0.0	0.0	0.1	0.0	-0.2	-0.1	0.2	-0.1	-0.7	-0.4

Table 5A-D1.11.1-G. Sacramento River at Balls Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2%	0.0%	-0.2%	0.0%	-0.3%	0.0%	0.2%	-0.2%	0.1%	-0.6%	-0.1%	-0.1%
20%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.1%	0.0%	0.0%	0.5%
30%	-0.3%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.2%	0.1%	0.1%	0.0%	0.2%
40%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.1%	0.2%	0.0%	-0.2%	0.2%
50%	-0.1%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%
60%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.2%	0.0%	-0.1%	0.2%	0.0%	0.0%
70%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.1%	0.3%
80%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.1%	0.2%	0.0%	0.0%	0.1%
90%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%

Table 5A-D1.11.1-H. Sacramento River at Balls Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.4%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	-0.3%	-0.2%	0.3%	-0.2%	-1.2%	-0.6%

Table 5A-D1.11.2-A. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.5	55.0	52.7	49.6	49.7	53.1	57.5	57.7	56.0	54.7	54.7	56.6
20%	55.2	54.6	52.1	48.9	49.2	52.2	56.6	56.9	54.9	53.7	54.1	55.8
30%	54.4	54.4	51.9	48.5	48.8	51.7	56.3	56.3	54.2	53.5	53.5	54.6
40%	53.8	54.2	51.5	48.1	48.4	51.3	55.9	56.0	53.9	53.2	53.0	53.7
50%	53.5	54.1	51.2	47.9	47.9	50.8	55.2	55.4	53.5	52.9	52.7	53.3
60%	53.2	53.9	50.9	47.6	47.5	50.4	54.8	55.0	53.2	52.7	52.4	53.0
70%	52.9	53.8	50.4	47.1	47.0	49.6	54.0	54.7	52.9	52.4	52.2	52.6
80%	52.5	53.5	50.1	46.8	46.6	48.9	53.2	54.4	52.4	52.2	52.1	52.1
90%	52.2	53.2	49.2	46.2	46.1	47.9	52.5	53.5	51.7	52.1	51.7	51.5

Table 5A-D1.11.2-B. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.1	54.1	51.1	47.8	48.0	50.6	55.0	55.5	53.7	53.1	53.1	54.1
Wet Water Years	53.0	54.0	51.4	47.3	46.8	49.0	53.7	55.3	53.7	52.8	52.3	52.4
Above Normal Water Years	53.0	53.8	51.1	47.7	47.6	50.4	55.1	55.3	53.5	53.0	52.5	52.5
Below Normal Water Years	53.9	54.0	51.0	47.8	48.2	51.1	55.9	55.3	53.1	52.7	52.7	54.0
Dry Water Years	54.1	53.8	51.1	48.4	48.7	51.7	55.9	55.6	52.7	52.8	53.3	54.5
Critical Water Years	58.1	55.1	50.5	48.5	49.5	52.1	55.5	56.6	56.0	54.8	55.9	58.8

Table 5A-D1.11.2-C. Sacramento River at Balls Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.1	0.0	-0.2	0.0	0.0	-0.1	0.2	-0.3	0.0	0.0
20%	0.0	-0.1	0.0	0.0	0.0	0.0	-0.3	0.0	0.1	0.0	0.0	0.2
30%	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.1
40%	0.0	0.1	0.0	0.1	0.2	0.0	-0.1	-0.1	0.1	0.0	-0.1	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.2
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Table 5A-D1.11.2-D. Sacramento River at Balls Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.1	0.1	0.1	0.0	-0.2	-0.1	0.1	-0.1	-0.7	-0.3

Table 5A-D1.11.2-E. Sacramento River at Balls Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	-0.2%	0.0%	-0.3%	0.1%	0.0%	-0.2%	0.3%	-0.5%	-0.1%	0.0%
20%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.5%	-0.1%	0.1%	0.0%	0.0%	0.3%
30%	-0.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.1%	0.1%	0.0%	0.3%
40%	0.1%	0.1%	0.0%	0.2%	0.3%	0.0%	-0.1%	-0.1%	0.2%	0.1%	-0.2%	-0.2%
50%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%
60%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.1%	0.0%	0.0%	0.2%	0.0%	0.3%
70%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.2%	0.0%	0.3%
80%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.3%	0.2%	0.1%	0.0%	0.0%	0.1%	0.0%
90%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%

Table 5A-D1.11.2-F. Sacramento River at Balls Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.4%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.1%	0.1%	0.1%	0.2%	0.0%	-0.3%	-0.2%	0.2%	-0.2%	-1.2%	-0.5%

Table 5A-D1.11.3-A. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.5	55.0	52.8	49.5	49.7	53.1	57.4	57.7	55.9	54.7	54.6	56.6
20%	55.2	54.6	52.1	48.9	49.1	52.2	56.6	56.9	54.9	53.7	54.1	55.7
30%	54.4	54.4	51.9	48.5	48.8	51.7	56.3	56.4	54.1	53.5	53.5	54.6
40%	53.8	54.2	51.5	48.1	48.4	51.3	55.9	56.0	53.8	53.2	53.1	53.9
50%	53.6	54.1	51.1	47.9	47.9	50.8	55.2	55.4	53.4	52.9	52.8	53.3
60%	53.2	53.9	50.9	47.6	47.5	50.2	54.9	55.0	53.2	52.7	52.4	52.9
70%	52.9	53.8	50.4	47.1	47.0	49.6	54.0	54.7	52.9	52.4	52.2	52.6
80%	52.6	53.4	50.1	46.7	46.6	48.7	53.2	54.4	52.4	52.2	52.0	52.1
90%	52.2	53.2	49.2	46.2	46.1	47.9	52.5	53.5	51.7	52.0	51.7	51.5

Table 5A-D1.11.3-B. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.1	54.1	51.1	47.8	47.9	50.6	55.0	55.6	53.7	53.1	53.2	54.1
Wet Water Years	53.0	54.0	51.4	47.3	46.8	49.0	53.7	55.3	53.8	52.8	52.3	52.4
Above Normal Water Years	53.0	53.9	51.1	47.7	47.6	50.4	55.1	55.3	53.5	53.0	52.5	52.5
Below Normal Water Years	53.9	54.0	51.0	47.8	48.2	51.0	55.9	55.3	53.1	52.7	52.7	54.0
Dry Water Years	54.1	53.8	51.1	48.4	48.7	51.7	56.0	55.6	52.7	52.8	53.3	54.6
Critical Water Years	58.3	55.1	50.5	48.5	49.4	52.1	55.6	56.7	56.0	54.7	56.0	59.0

Table 5A-D1.11.3-C. Sacramento River at Balls Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	-0.1	0.1	-0.3	-0.1	0.1
20%	0.0	-0.1	0.0	0.0	-0.1	0.0	-0.2	0.0	0.1	0.0	0.0	0.1
30%	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.2
40%	0.0	0.0	0.0	0.1	0.1	0.0	-0.1	0.0	0.0	0.1	-0.1	0.0
50%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
70%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
80%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.11.3-D. Sacramento River at Balls Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.1	0.0	0.1	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.11.3-E. Sacramento River at Balls Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	-0.2%	0.2%	-0.6%	-0.1%	0.1%
20%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	-0.4%	0.0%	0.1%	0.0%	0.0%	0.2%
30%	-0.3%	0.0%	-0.1%	-0.2%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.1%	0.0%	0.3%
40%	0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%
50%	0.1%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.1%
60%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%
70%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	0.0%	0.4%
80%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	0.1%	0.0%
90%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%

Table 5A-D1.11.3-F. Sacramento River at Balls Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	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	-0.1%	0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.4%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%
Critical Water Years	0.2%	0.1%	0.1%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-1.0%	-0.3%

Table 5A-D1.11.4-A. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.5	55.0	52.7	49.5	49.7	53.1	57.4	57.7	56.0	54.6	54.6	56.6
20%	55.2	54.6	52.1	48.9	49.1	52.2	56.7	56.9	54.9	53.8	54.1	55.8
30%	54.4	54.4	51.8	48.5	48.8	51.7	56.3	56.4	54.2	53.5	53.5	54.6
40%	53.8	54.2	51.6	48.1	48.4	51.3	55.8	56.0	53.9	53.2	53.1	53.8
50%	53.6	54.1	51.1	47.9	47.9	50.8	55.2	55.4	53.5	53.0	52.8	53.3
60%	53.2	53.9	50.9	47.6	47.5	50.4	54.8	55.0	53.2	52.7	52.5	52.9
70%	52.8	53.8	50.4	47.1	47.0	49.6	54.0	54.6	52.9	52.5	52.2	52.6
80%	52.5	53.5	50.1	46.8	46.6	48.9	53.2	54.4	52.5	52.2	52.0	52.1
90%	52.2	53.2	49.2	46.2	46.1	47.9	52.5	53.5	51.7	52.0	51.7	51.5

Table 5A-D1.11.4-B. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.1	54.1	51.1	47.8	47.9	50.6	55.0	55.5	53.8	53.1	53.1	54.1
Wet Water Years	53.0	54.0	51.4	47.3	46.8	49.0	53.7	55.3	53.7	52.8	52.3	52.4
Above Normal Water Years	53.0	53.9	51.1	47.7	47.6	50.4	55.1	55.3	53.5	53.0	52.4	52.5
Below Normal Water Years	53.8	54.0	51.0	47.8	48.2	51.1	55.8	55.3	53.2	52.8	52.7	53.9
Dry Water Years	54.0	53.8	51.1	48.4	48.7	51.7	55.9	55.6	52.8	52.8	53.4	54.4
Critical Water Years	58.2	55.1	50.5	48.5	49.4	52.1	55.6	56.6	56.1	54.7	55.9	58.8

Table 5A-D1.11.4-C. Sacramento River at Balls Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	-0.1	0.0	-0.2	0.1	0.0	-0.2	0.2	-0.4	-0.1	0.0
20%	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.1	0.1	0.0	0.2
30%	-0.2	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.1
40%	0.1	0.1	0.1	0.1	0.2	0.0	-0.1	0.0	0.1	0.1	0.0	-0.1
50%	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
60%	-0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.1
70%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Table 5A-D1.11.4-D. Sacramento River at Balls Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	-0.1
Critical Water Years	0.0	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	0.2	-0.2	-0.7	-0.4

Table 5A-D1.11.4-E. Sacramento River at Balls Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	-0.2%	-0.1%	-0.3%	0.2%	0.0%	-0.3%	0.3%	-0.7%	-0.1%	0.0%
20%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	-0.3%	-0.1%	0.1%	0.1%	0.0%	0.3%
30%	-0.3%	0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.1%	0.1%	0.0%	0.3%
40%	0.1%	0.1%	0.1%	0.2%	0.3%	0.0%	-0.2%	-0.1%	0.2%	0.1%	-0.1%	-0.1%
50%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%
60%	-0.2%	0.1%	0.0%	0.0%	-0.1%	0.3%	-0.1%	0.1%	0.0%	0.2%	0.0%	0.1%
70%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.2%	0.0%	0.2%
80%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.3%	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%
90%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%

Table 5A-D1.11.4-F. Sacramento River at Balls Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.2%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.3%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.1%	0.2%	0.1%	0.1%	-0.2%
Critical Water Years	0.1%	0.2%	0.1%	0.1%	0.1%	0.1%	-0.1%	-0.2%	0.3%	-0.3%	-1.3%	-0.6%

Table 5A-D1.11.5-A. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.5	55.0	52.8	49.5	49.7	53.1	57.4	57.7	55.9	54.7	54.6	56.6
20%	55.2	54.6	52.1	48.9	49.1	52.2	56.6	56.9	54.9	53.7	54.1	55.7
30%	54.4	54.4	51.9	48.5	48.8	51.7	56.3	56.4	54.1	53.5	53.5	54.6
40%	53.8	54.2	51.5	48.1	48.4	51.3	55.9	56.0	53.8	53.1	53.1	53.9
50%	53.6	54.1	51.1	47.9	47.9	50.8	55.2	55.4	53.4	52.9	52.8	53.3
60%	53.2	53.9	50.9	47.6	47.5	50.3	54.9	55.0	53.2	52.7	52.4	52.9
70%	52.9	53.8	50.4	47.1	47.0	49.6	54.0	54.7	52.9	52.4	52.2	52.6
80%	52.5	53.5	50.1	46.7	46.6	48.7	53.2	54.4	52.4	52.2	52.0	52.1
90%	52.2	53.2	49.2	46.2	46.1	47.9	52.5	53.5	51.7	52.0	51.7	51.6

Table 5A-D1.11.5-B. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.1	54.1	51.1	47.8	47.9	50.6	55.0	55.6	53.7	53.1	53.2	54.1
Wet Water Years	53.0	54.0	51.4	47.3	46.8	49.0	53.7	55.3	53.7	52.8	52.3	52.4
Above Normal Water Years	53.0	53.9	51.1	47.7	47.6	50.4	55.1	55.3	53.5	53.0	52.5	52.5
Below Normal Water Years	53.9	54.0	51.0	47.8	48.2	51.0	55.9	55.3	53.1	52.7	52.7	54.0
Dry Water Years	54.1	53.8	51.1	48.4	48.7	51.7	56.0	55.6	52.7	52.8	53.3	54.6
Critical Water Years	58.3	55.1	50.5	48.5	49.4	52.1	55.6	56.7	56.0	54.7	56.0	59.0

Table 5A-D1.11.5-C. Sacramento River at Balls Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	-0.2	0.1	0.0	-0.1	0.1	-0.3	-0.1	0.1
20%	0.0	-0.1	0.0	0.0	-0.1	0.0	-0.2	0.0	0.1	0.0	0.0	0.1
30%	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.2
40%	0.0	0.1	0.0	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0
50%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.2
80%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1

Table 5A-D1.11.5-D. Sacramento River at Balls Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.1	0.0	0.1	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.11.5-E. Sacramento River at Balls Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	-0.2%	0.2%	-0.5%	-0.1%	0.1%
20%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	-0.4%	0.0%	0.1%	0.0%	0.0%	0.2%
30%	-0.3%	0.0%	-0.1%	-0.2%	0.0%	-0.1%	-0.2%	-0.1%	0.0%	0.1%	0.0%	0.3%
40%	0.0%	0.1%	0.1%	0.1%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%
50%	0.1%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.1%
60%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.1%
70%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.2%	0.0%	0.4%
80%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%

Table 5A-D1.11.5-F. Sacramento River at Balls Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	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	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.3%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%
Critical Water Years	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-1.0%	-0.3%

Figure 5A-D1.11.1. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

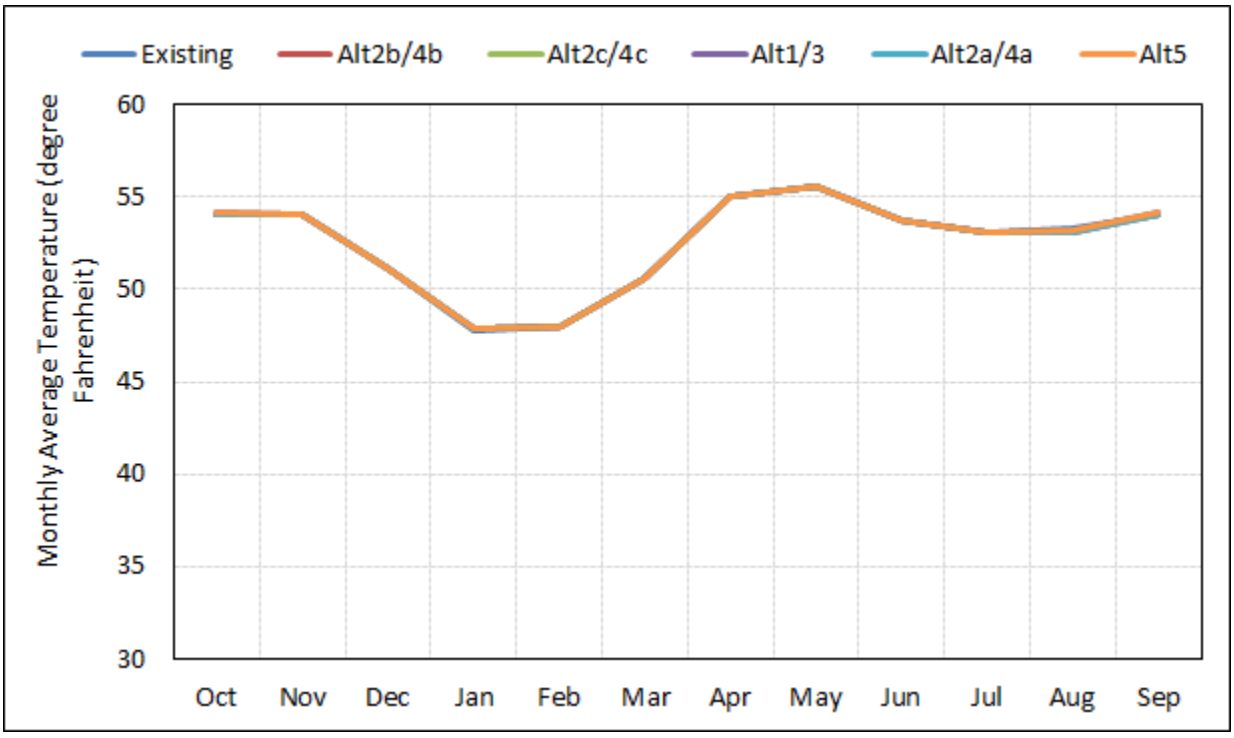


Figure 5A-D1.11.2. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

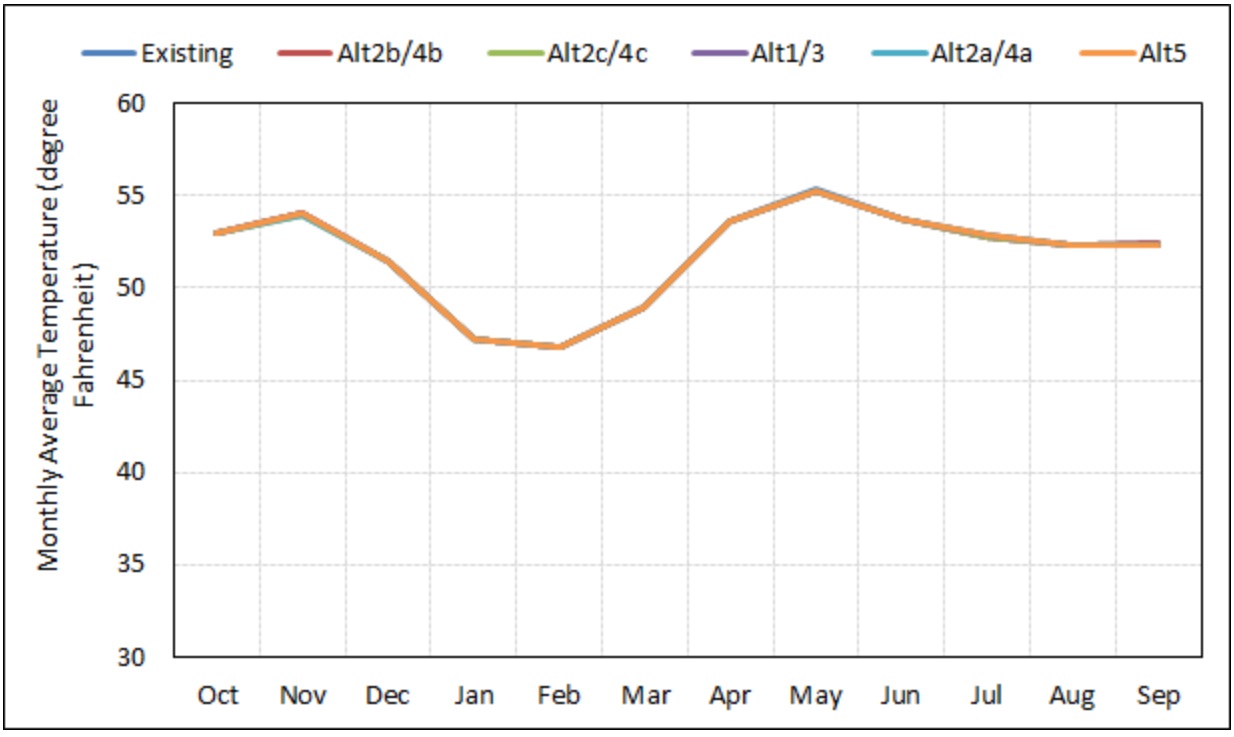


Figure 5A-D1.11.3. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

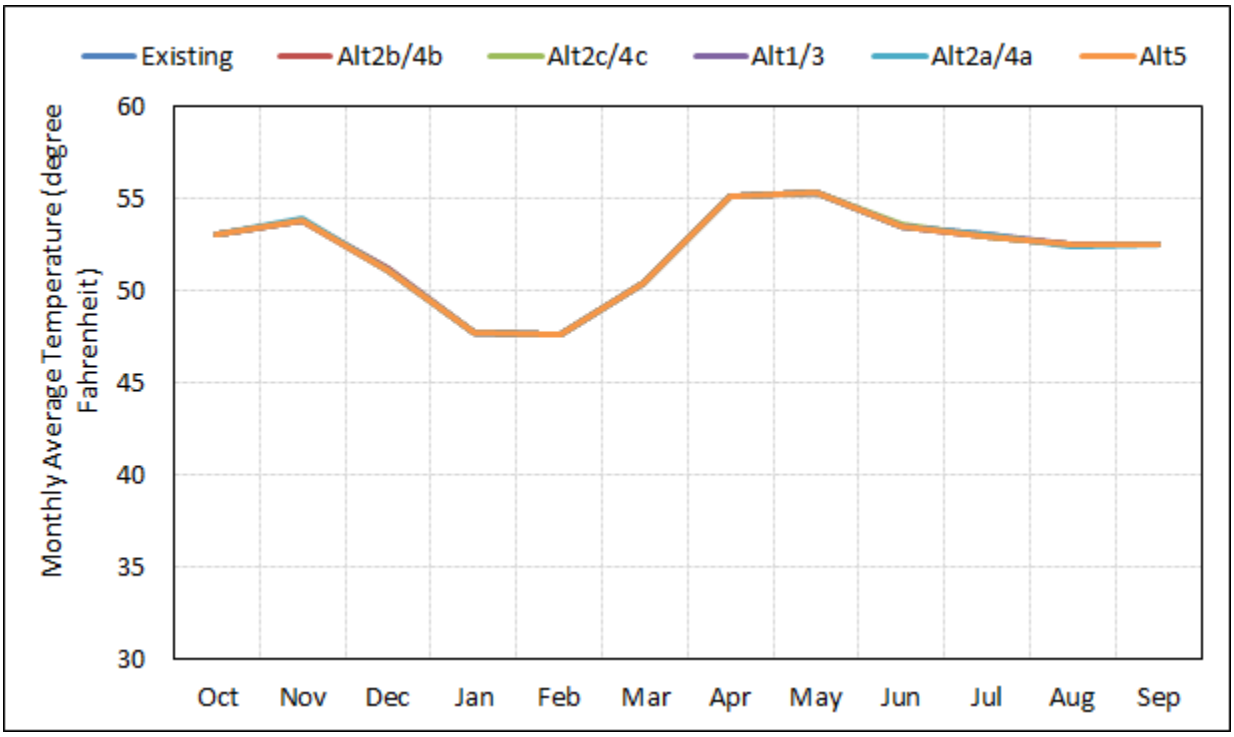


Figure 5A-D1.11.4. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

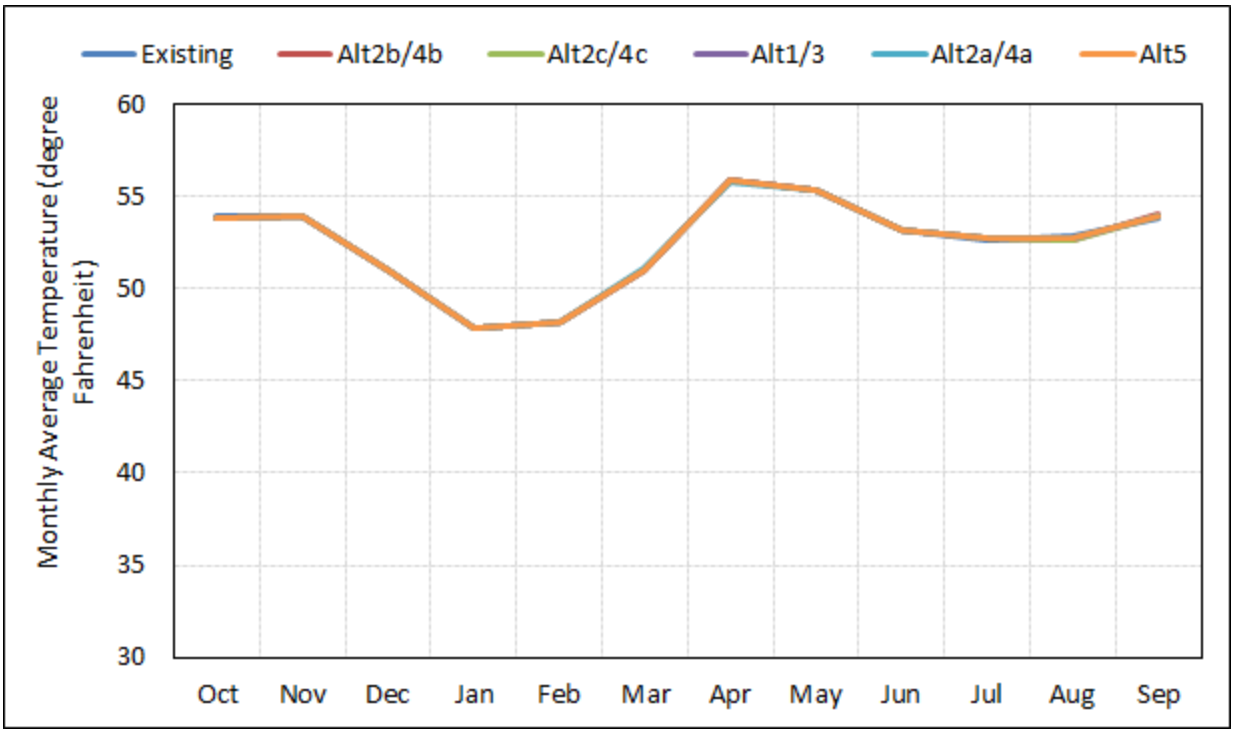


Figure 5A-D1.11.5. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

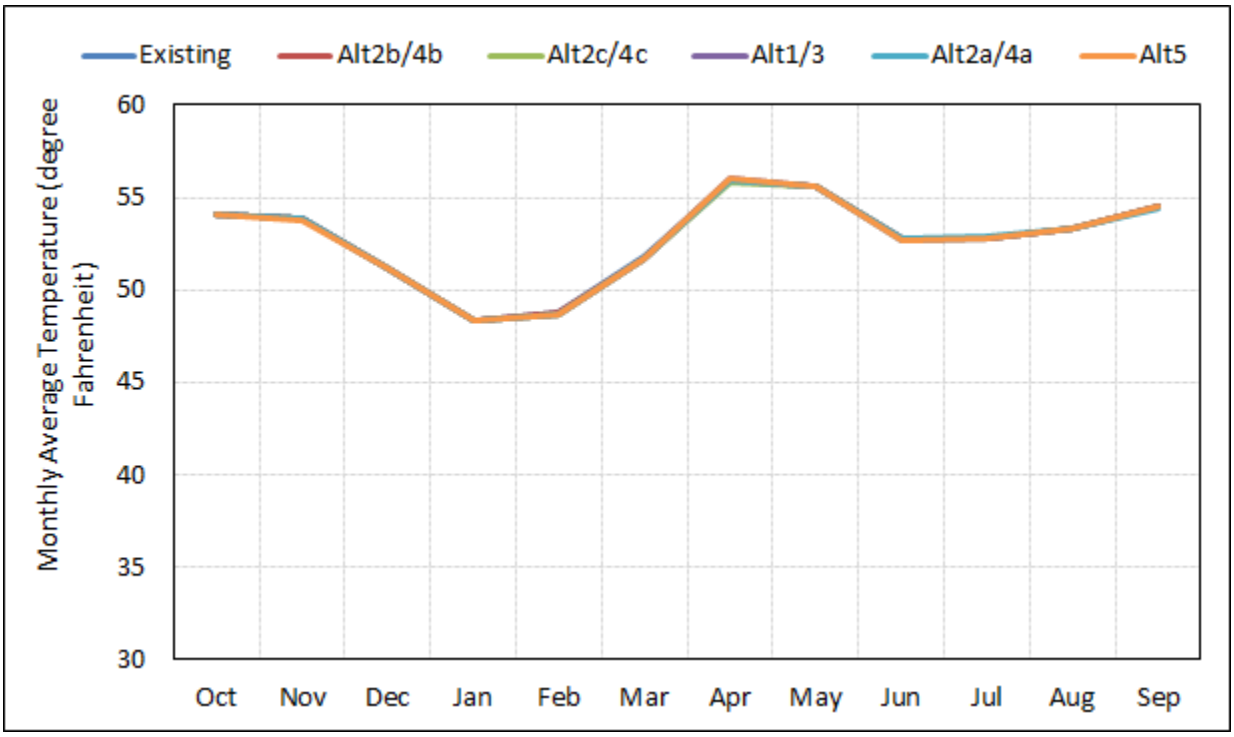


Figure 5A-D1.11.6. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

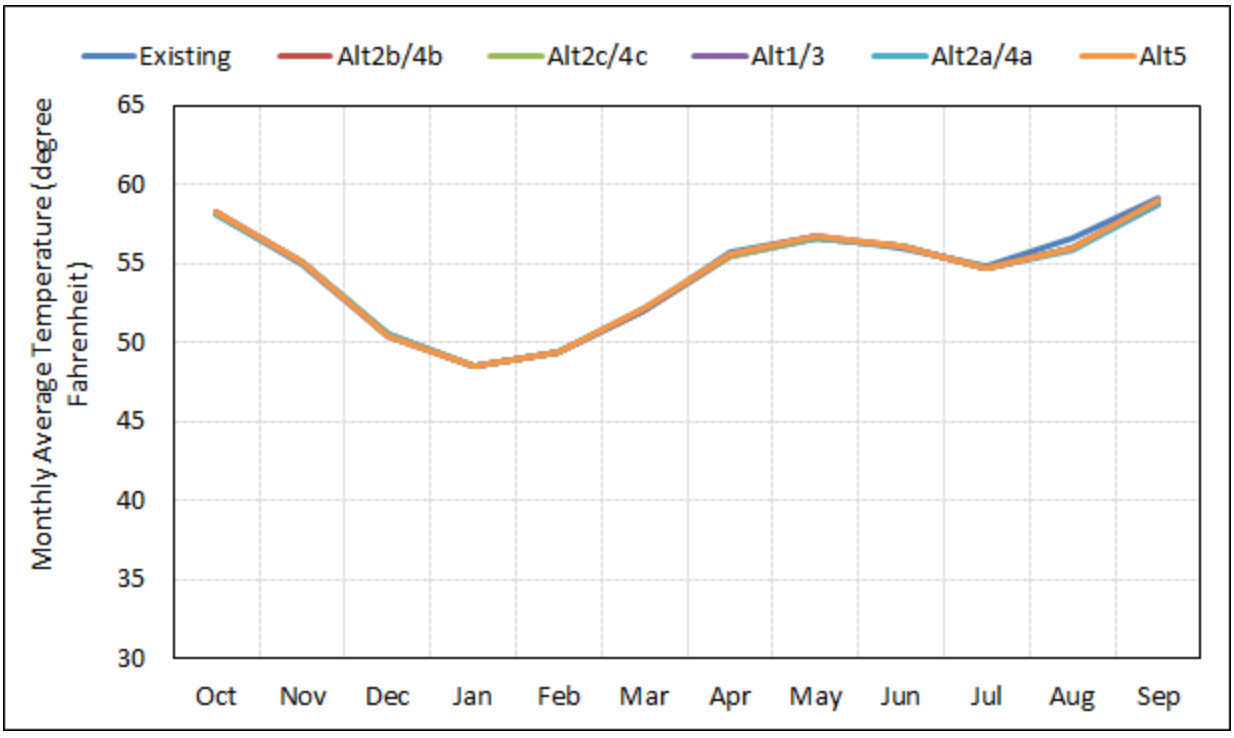


Figure 5A-D1.11.7. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

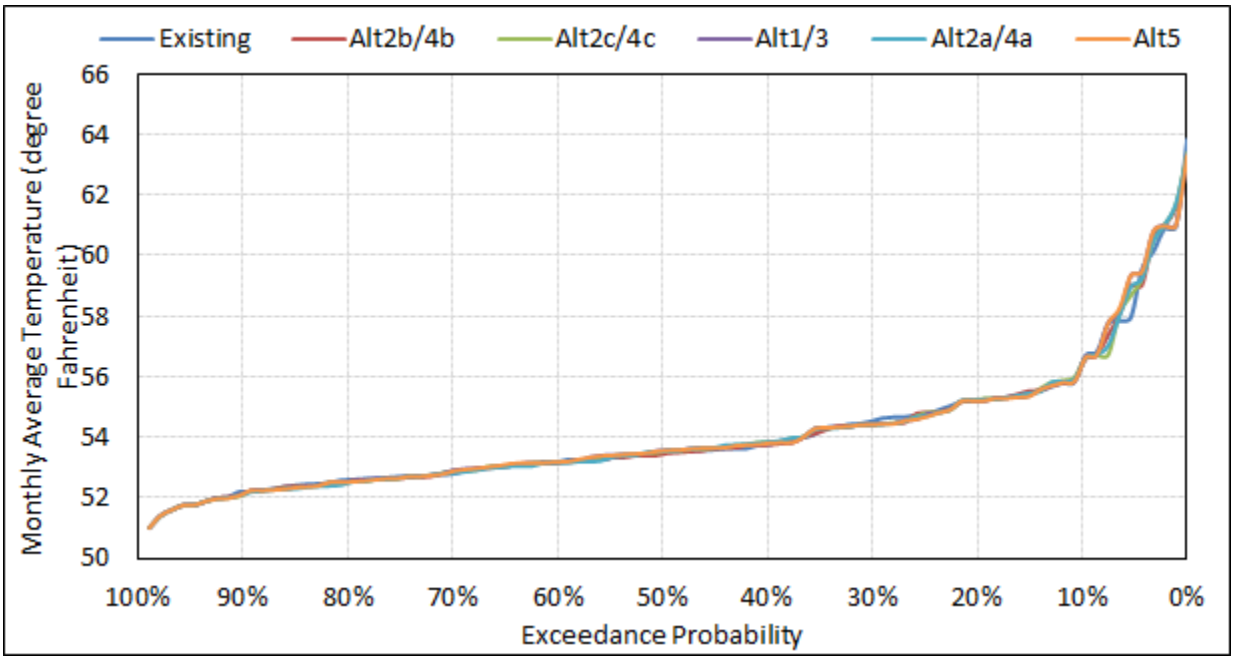


Figure 5A-D1.11.8. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

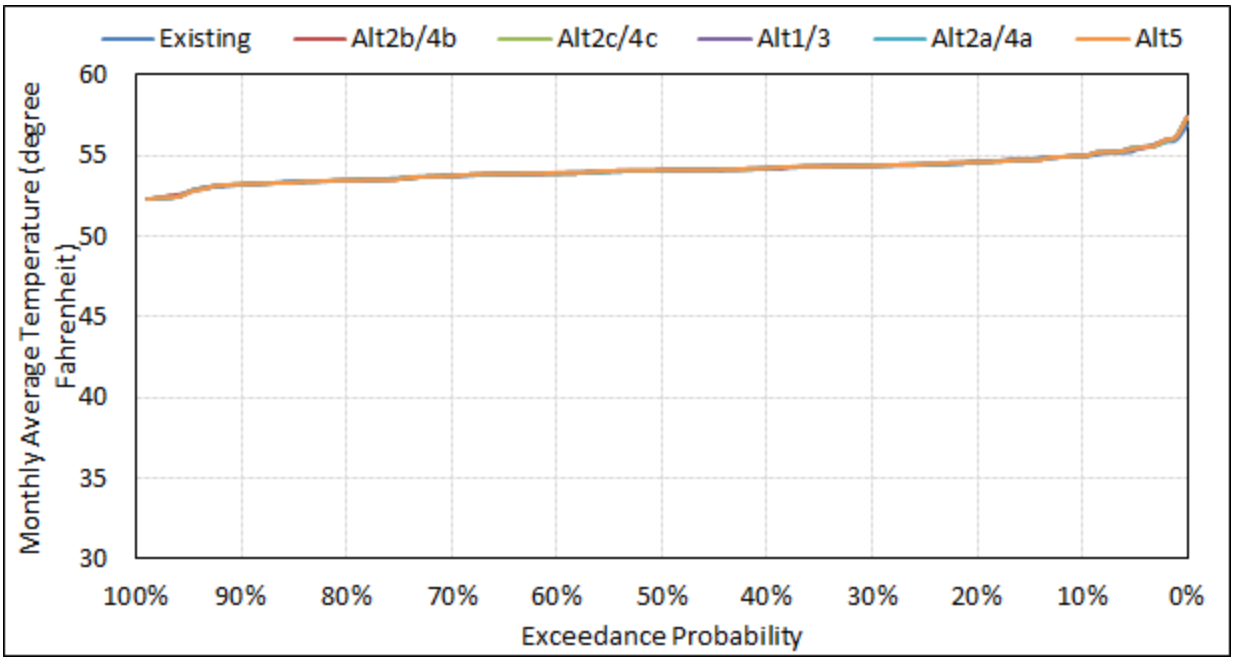


Figure 5A-D1.11.9. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

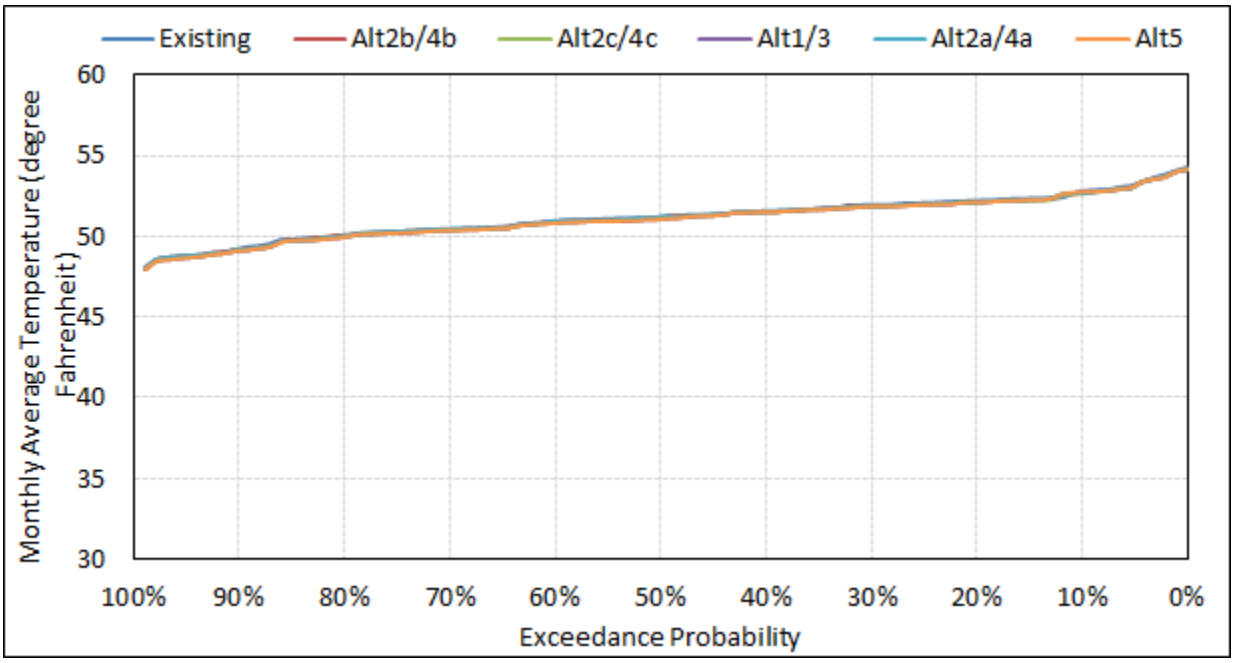


Figure 5A-D1.11.10. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

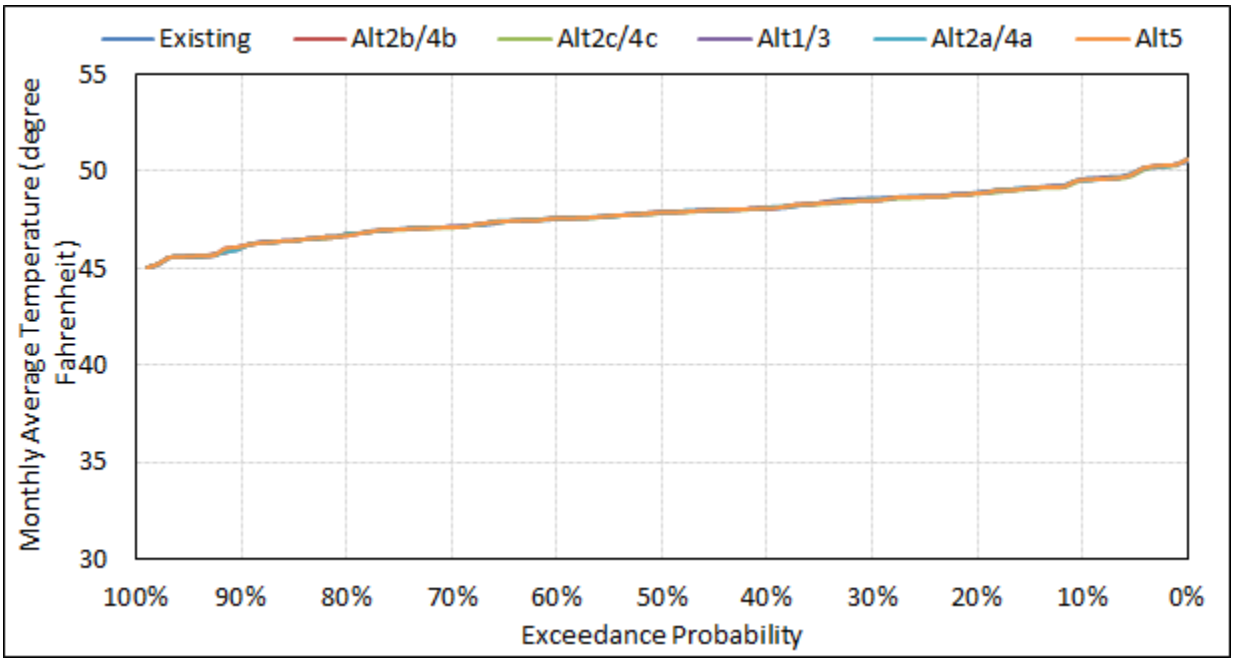


Figure 5A-D1.11.11. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

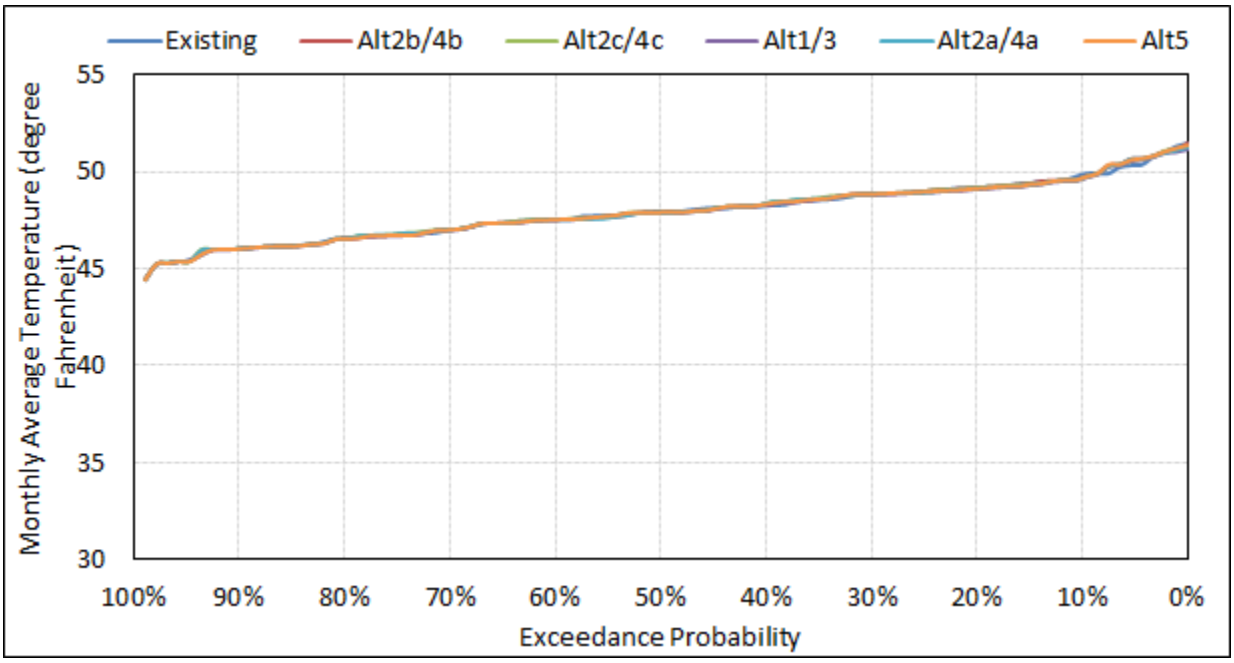


Figure 5A-D1.11.12. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

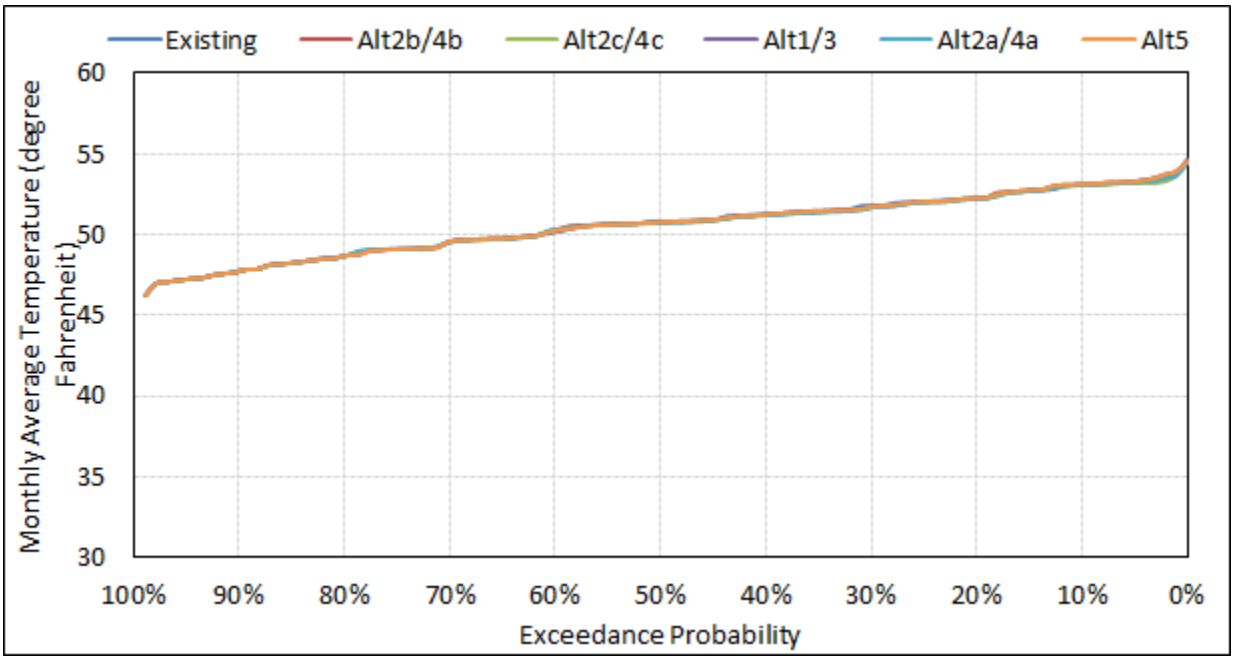


Figure 5A-D1.11.13. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

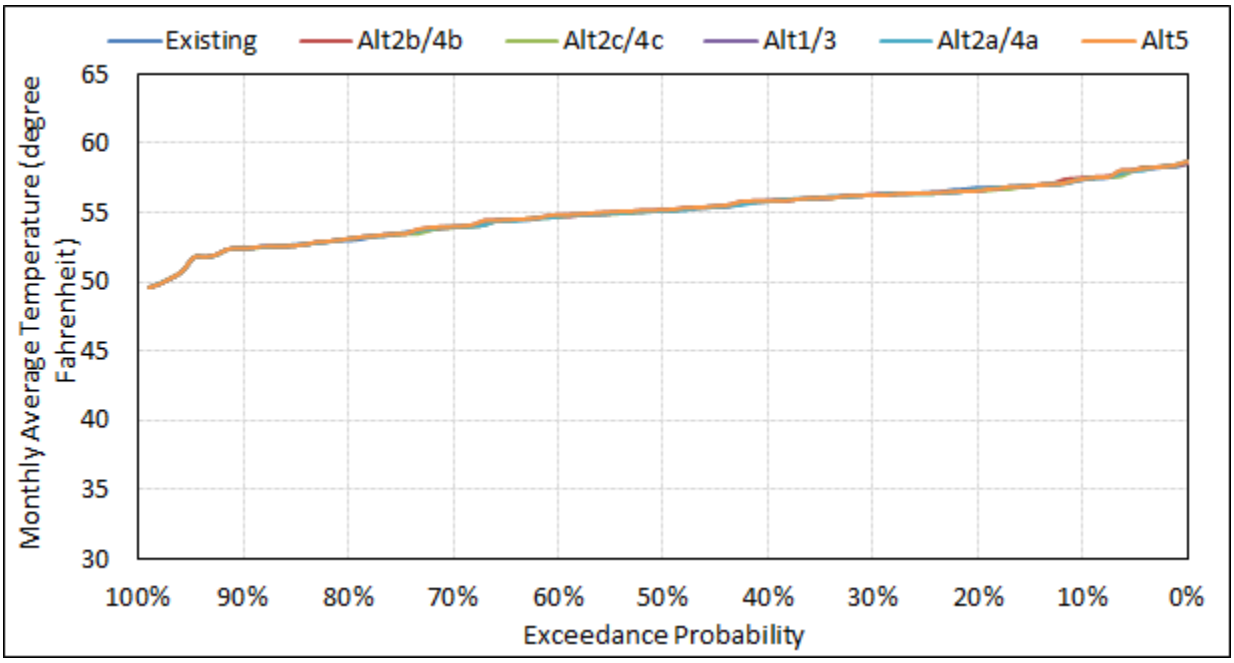


Figure 5A-D1.11.14. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

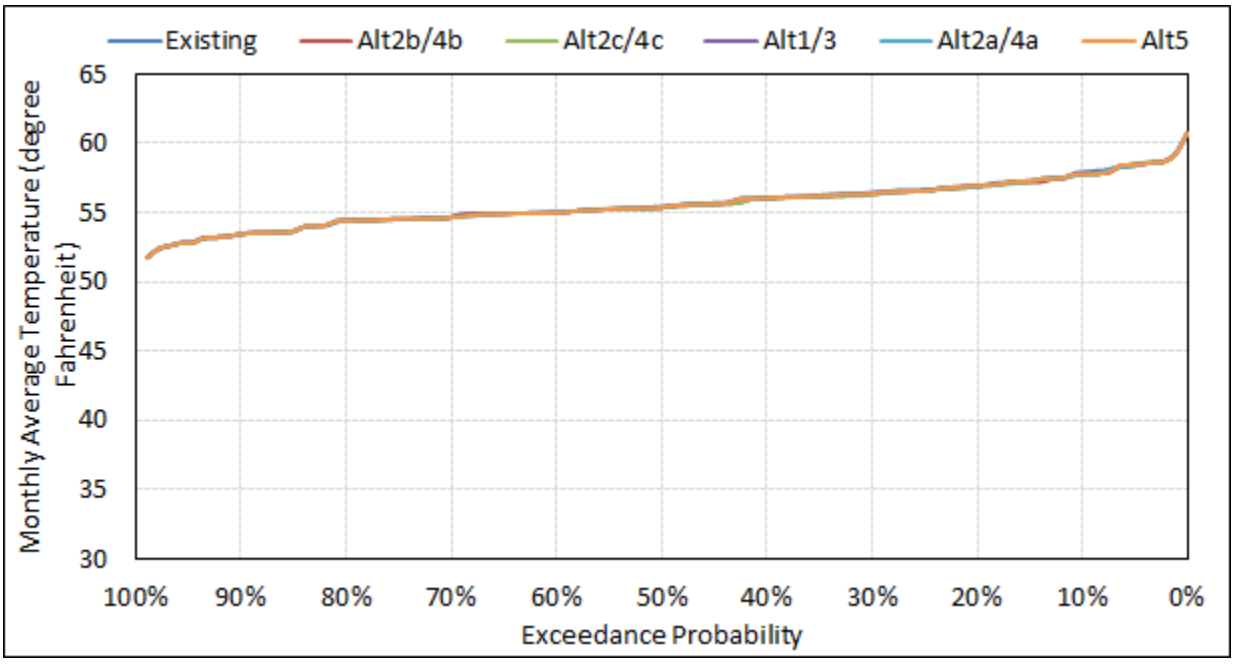


Figure 5A-D1.11.15. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

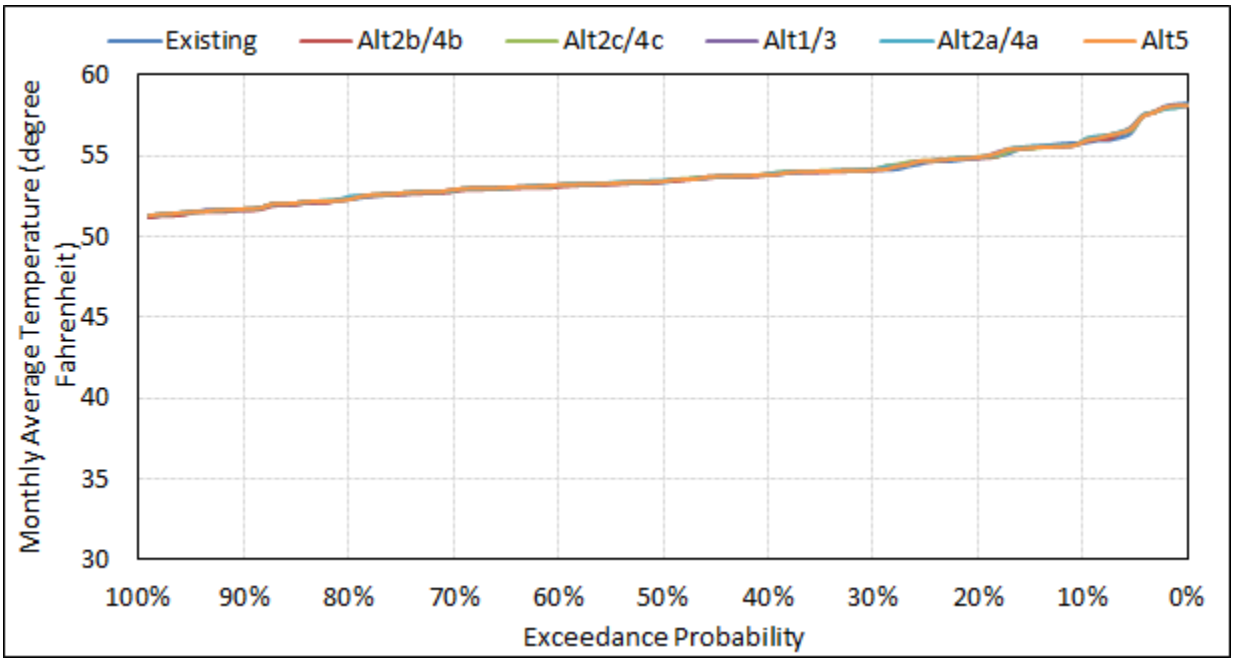


Figure 5A-D1.11.16. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

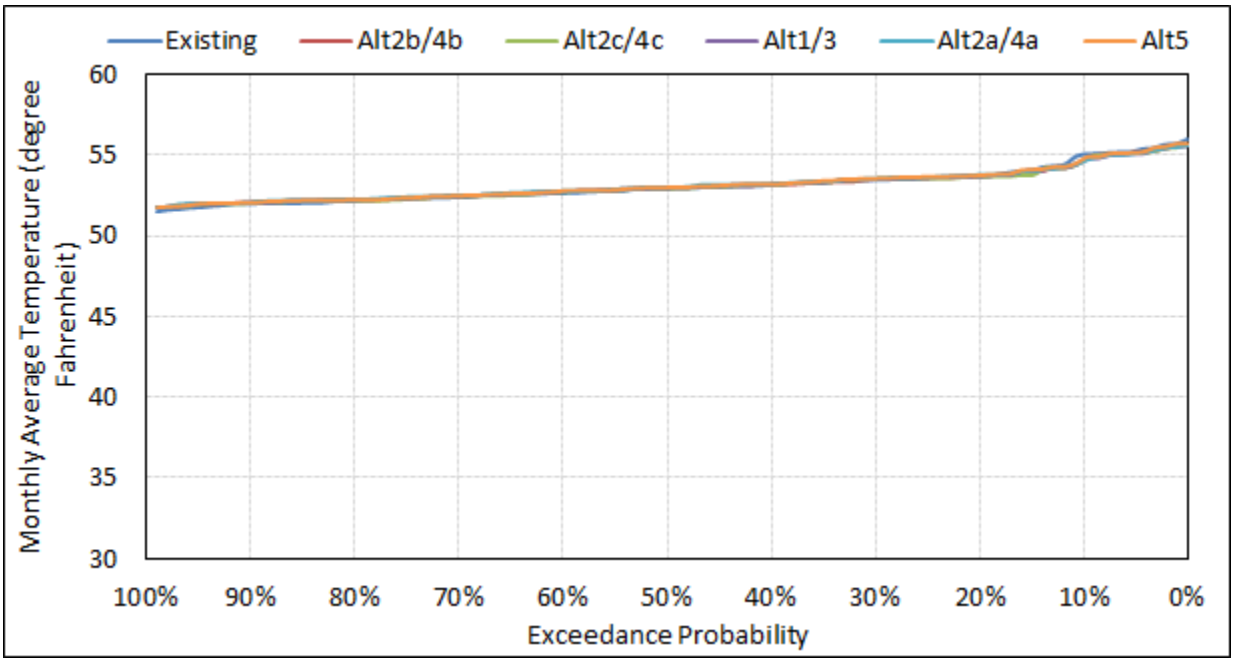


Figure 5A-D1.11.17. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

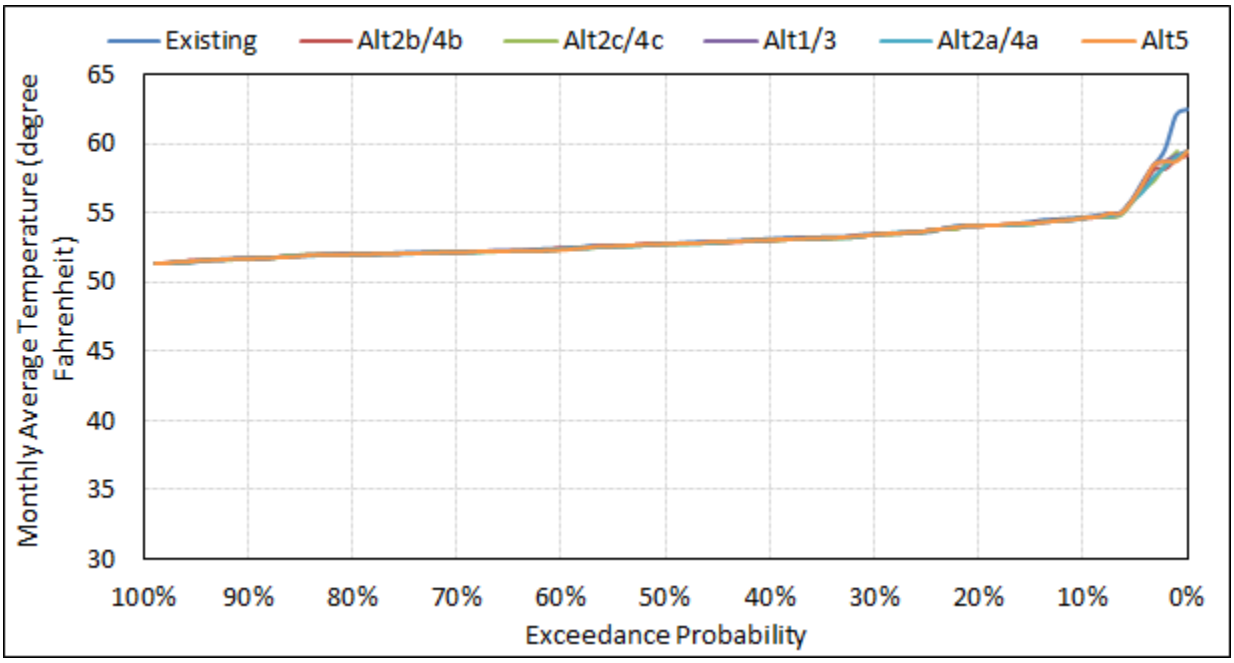


Figure 5A-D1.11.18. Sacramento River at Balls Ferry, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

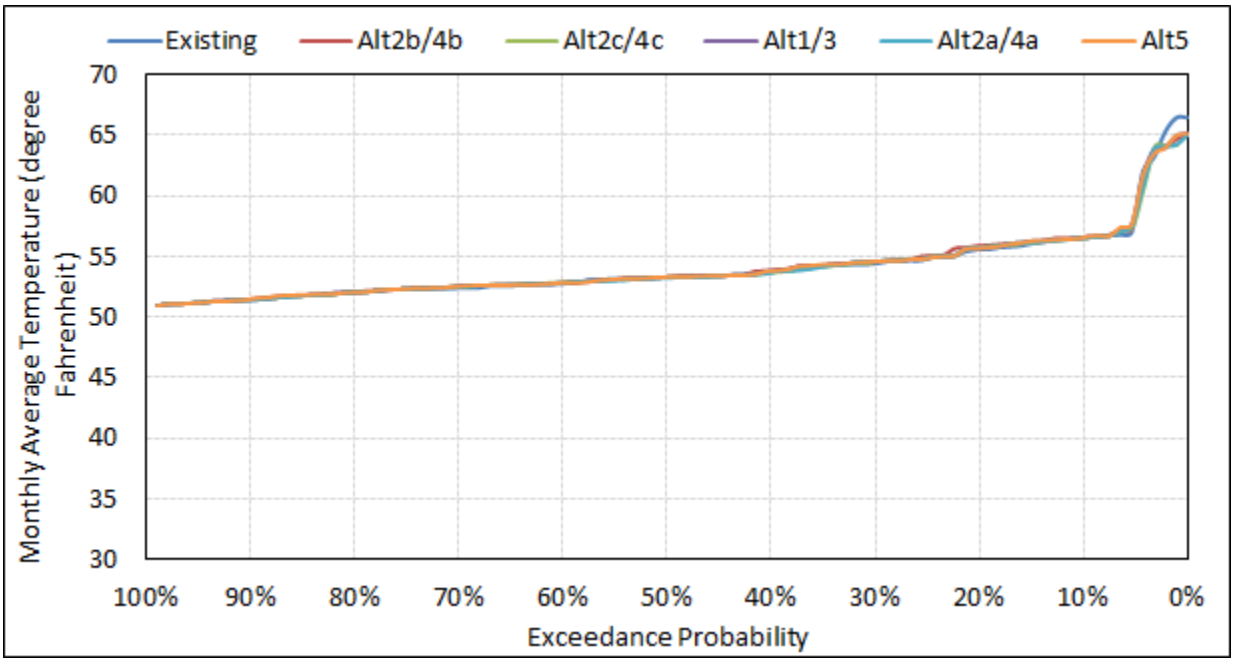
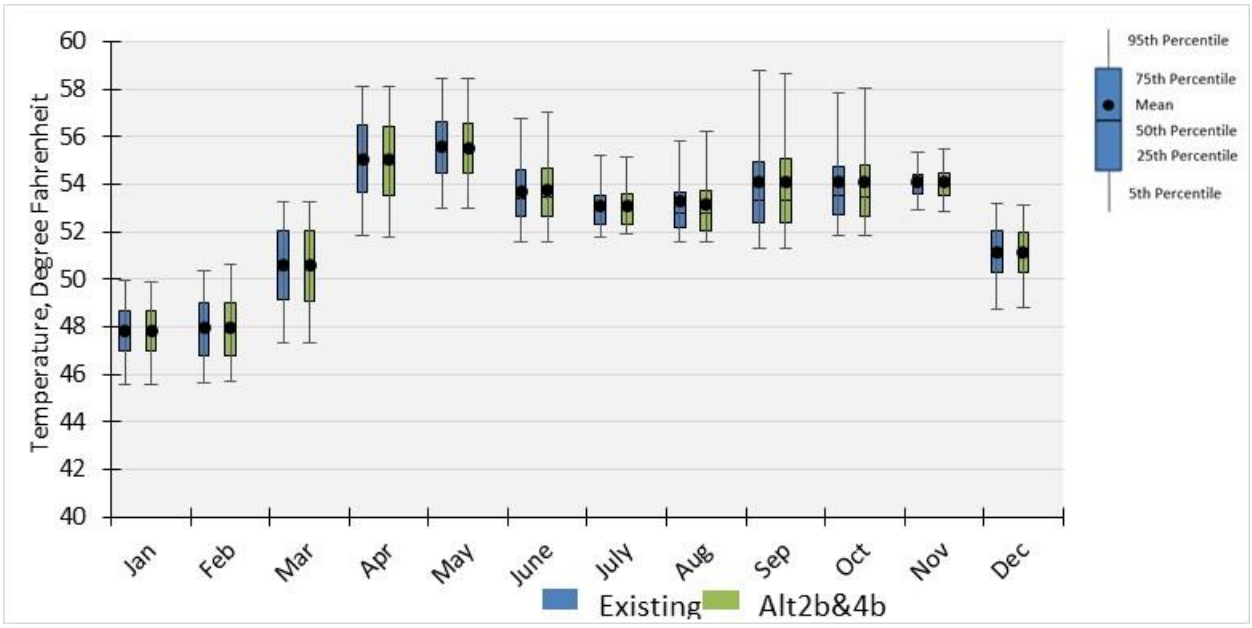


Figure 5A-D1.11.19. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



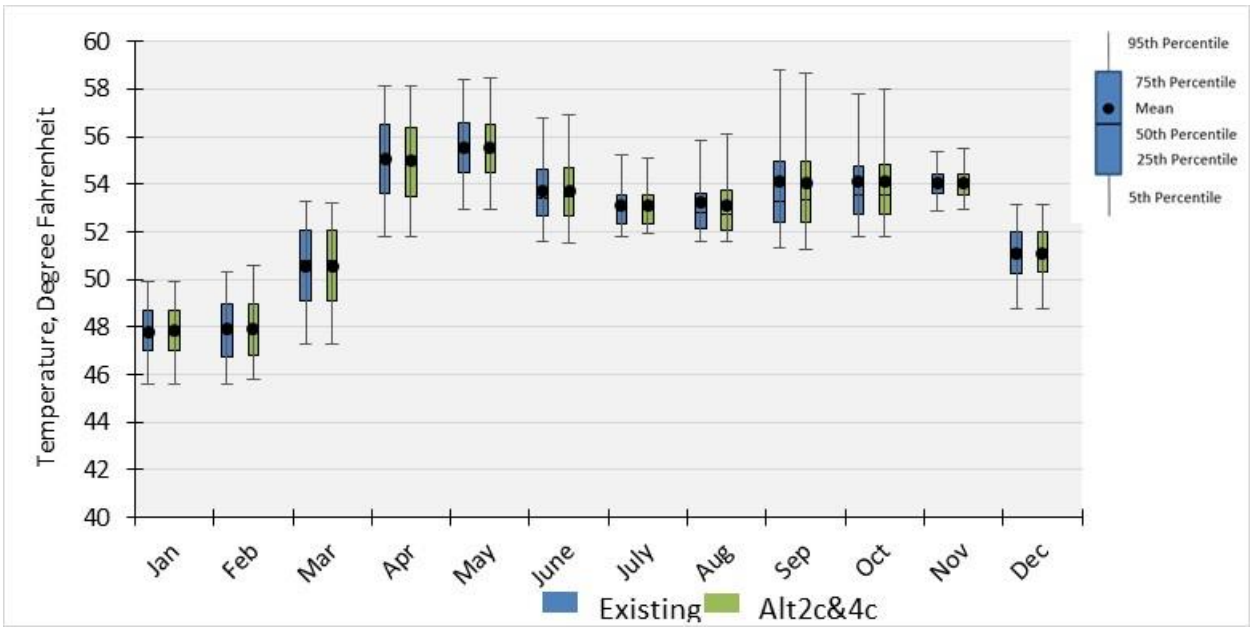
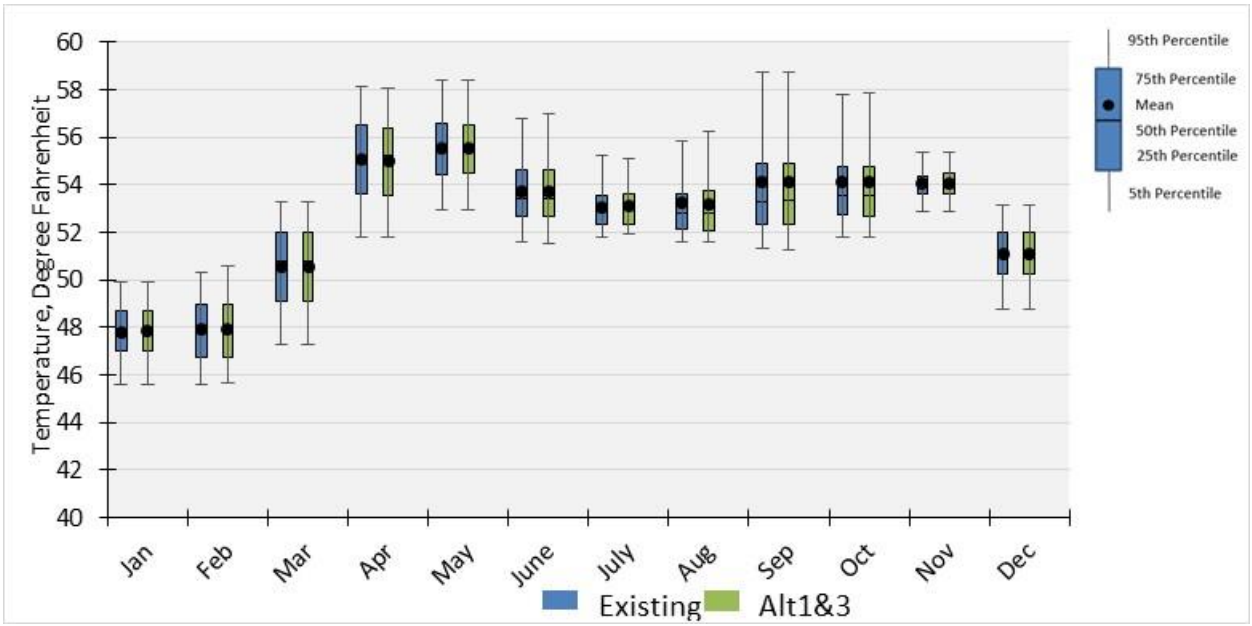


Figure 5A-D1.11.20. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



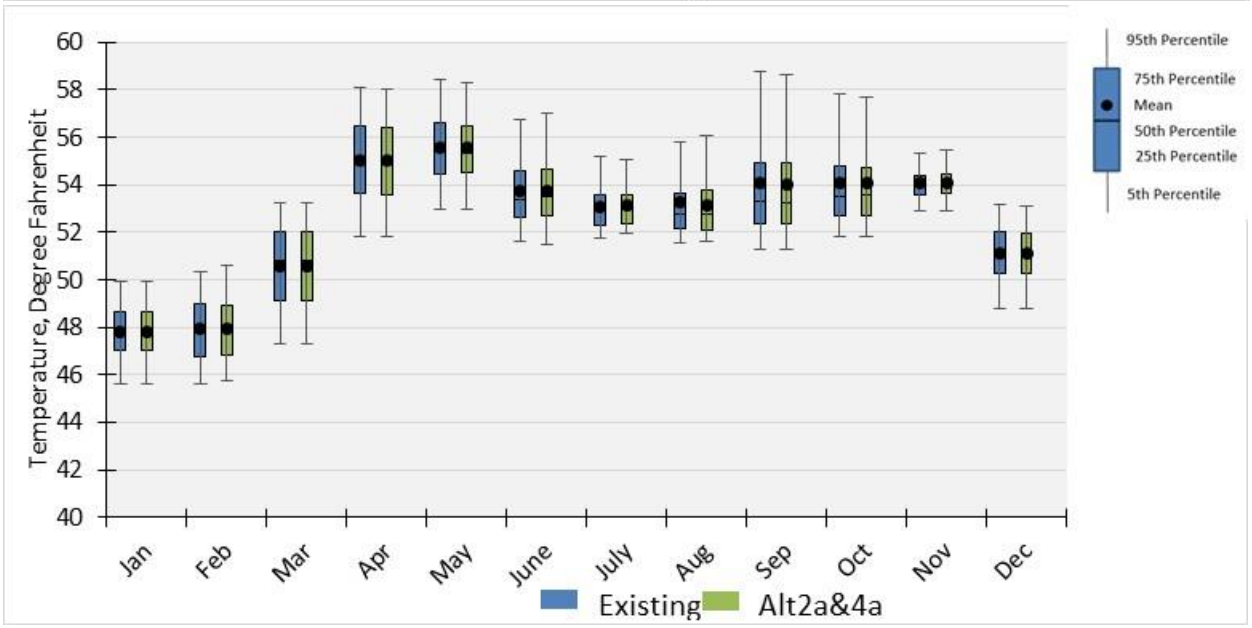


Figure 5A-D1.11.21. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

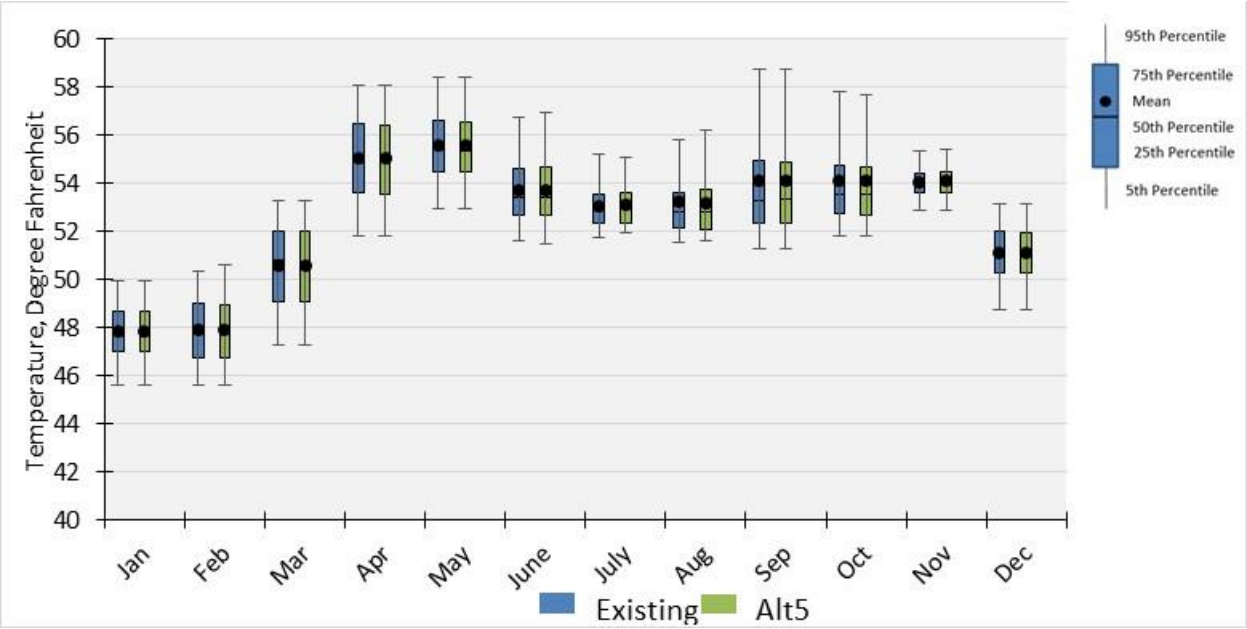


Figure 5A-D1.11.22. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions

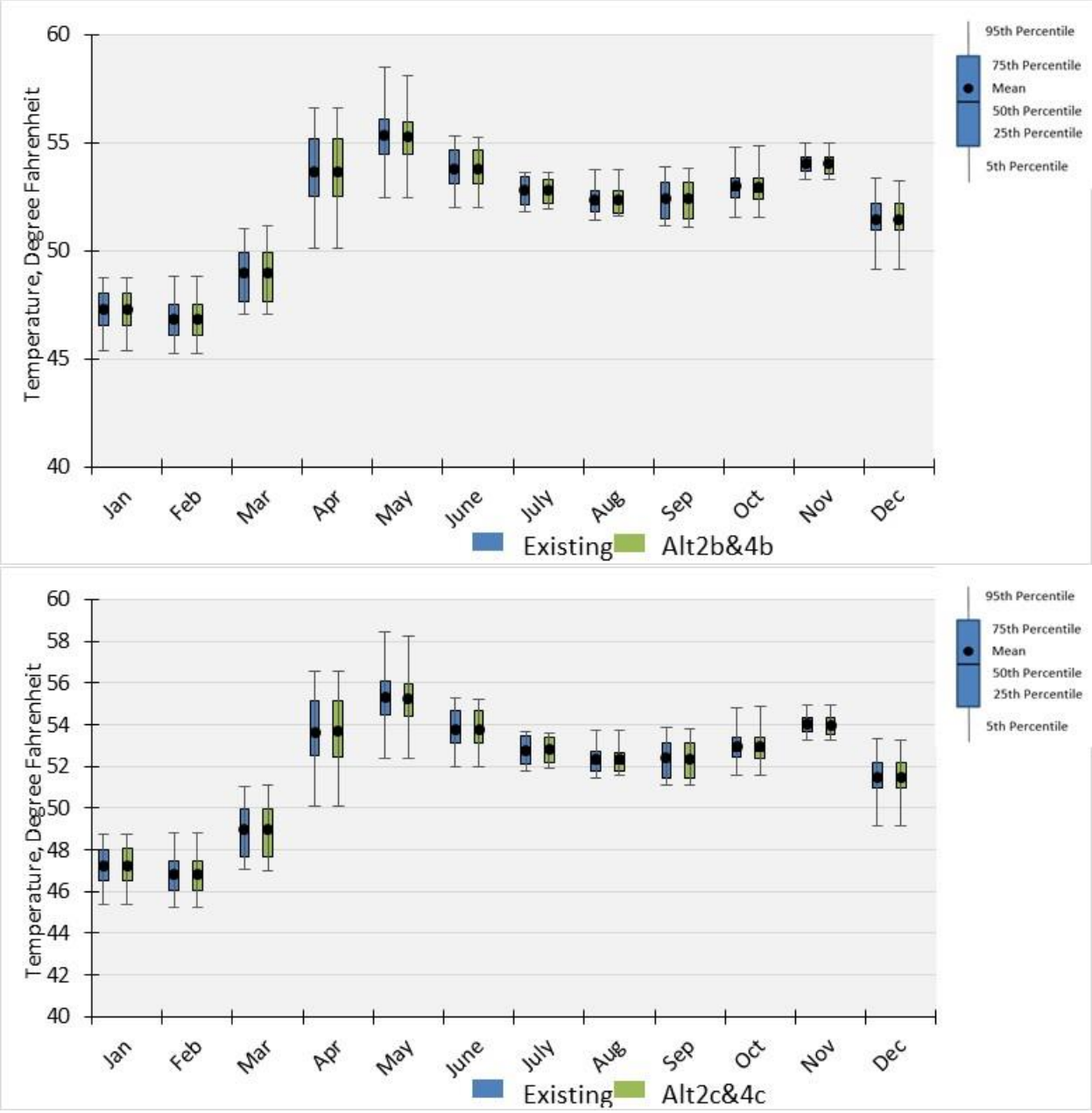
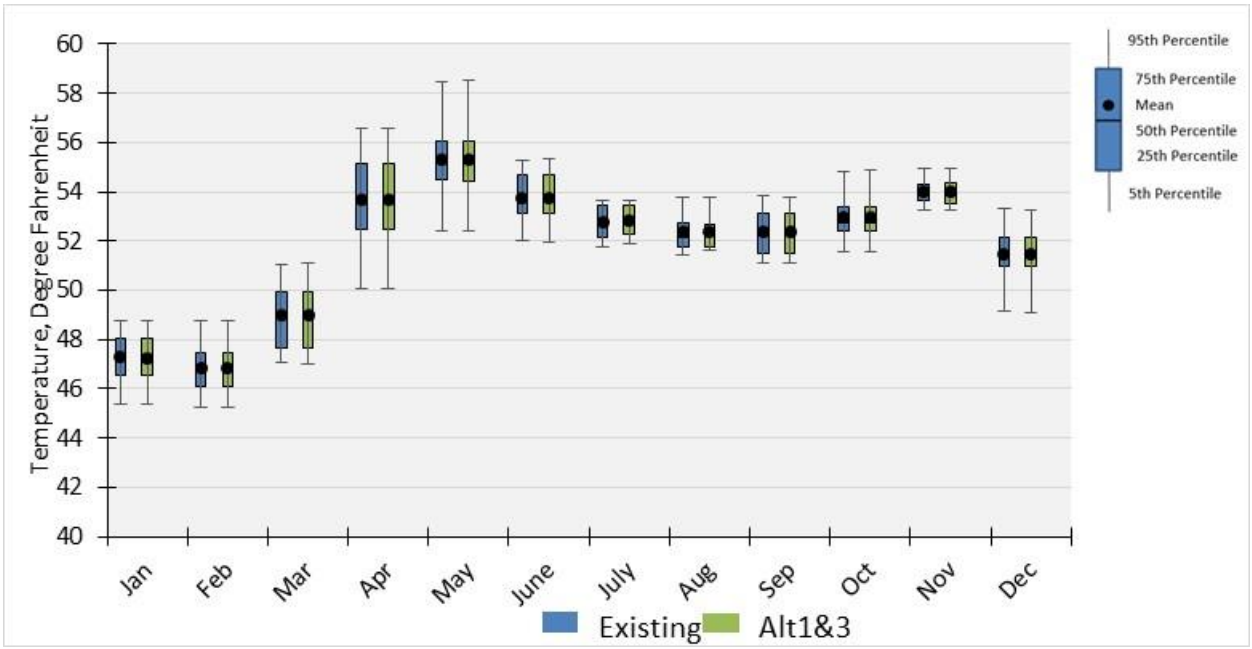


Figure 5A-D1.11.23. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



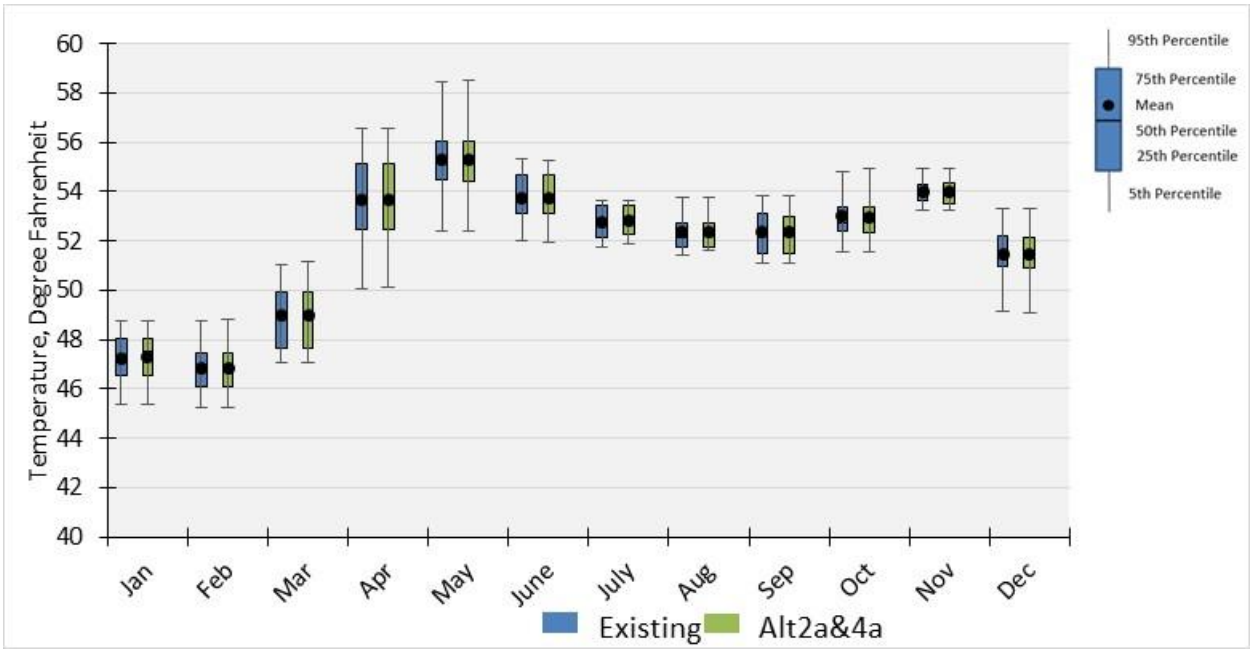


Figure 5A-D1.11.24. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

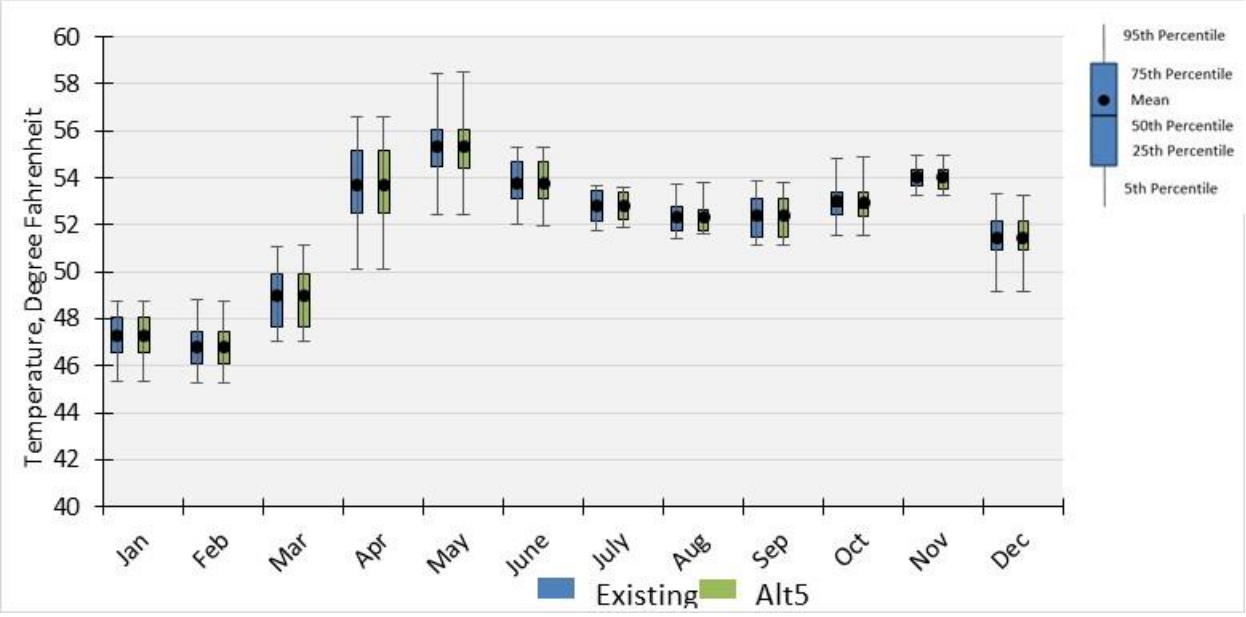
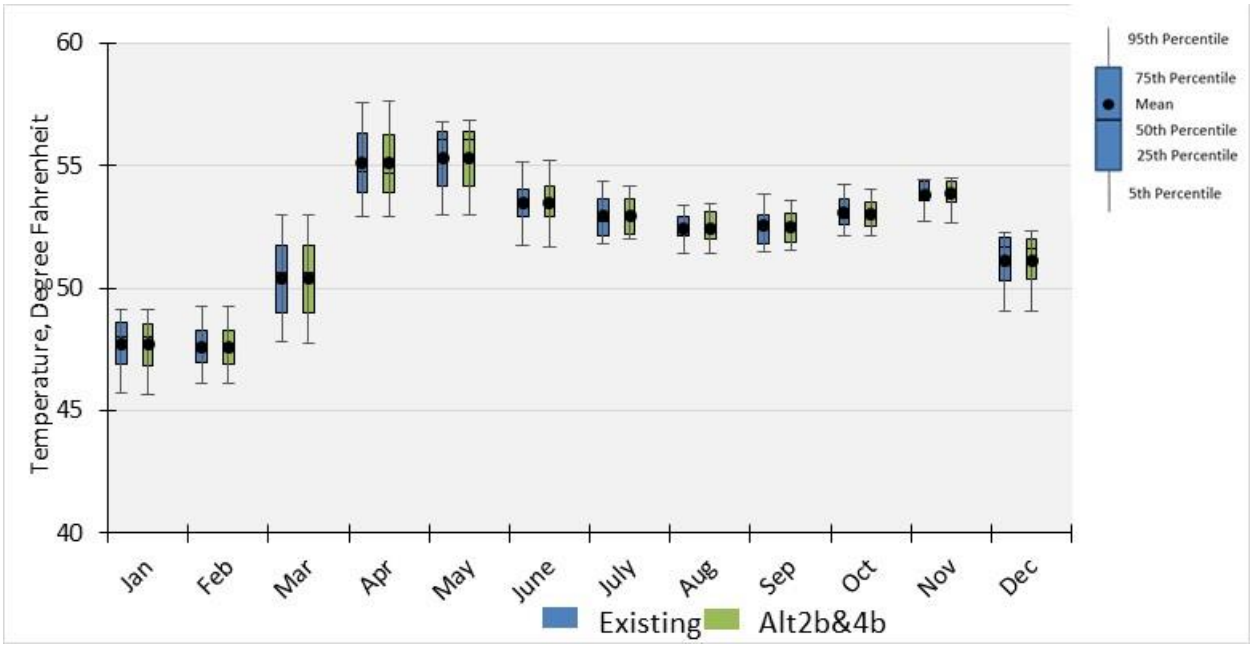


Figure 5A-D1.11.25. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



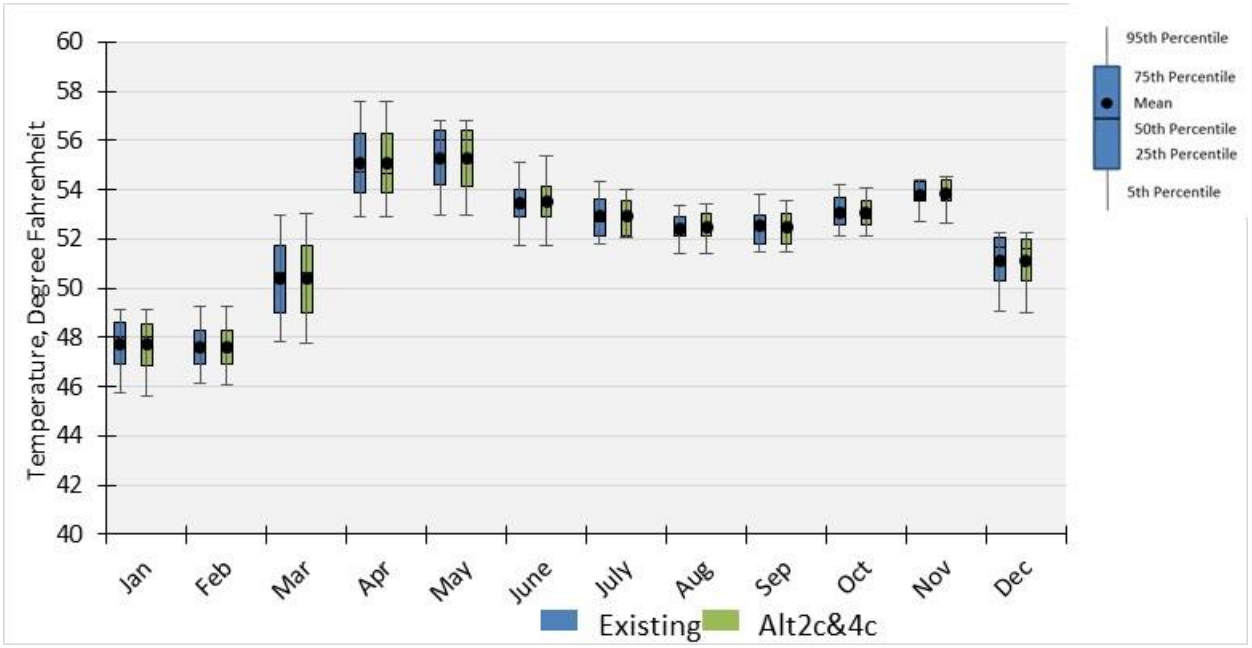
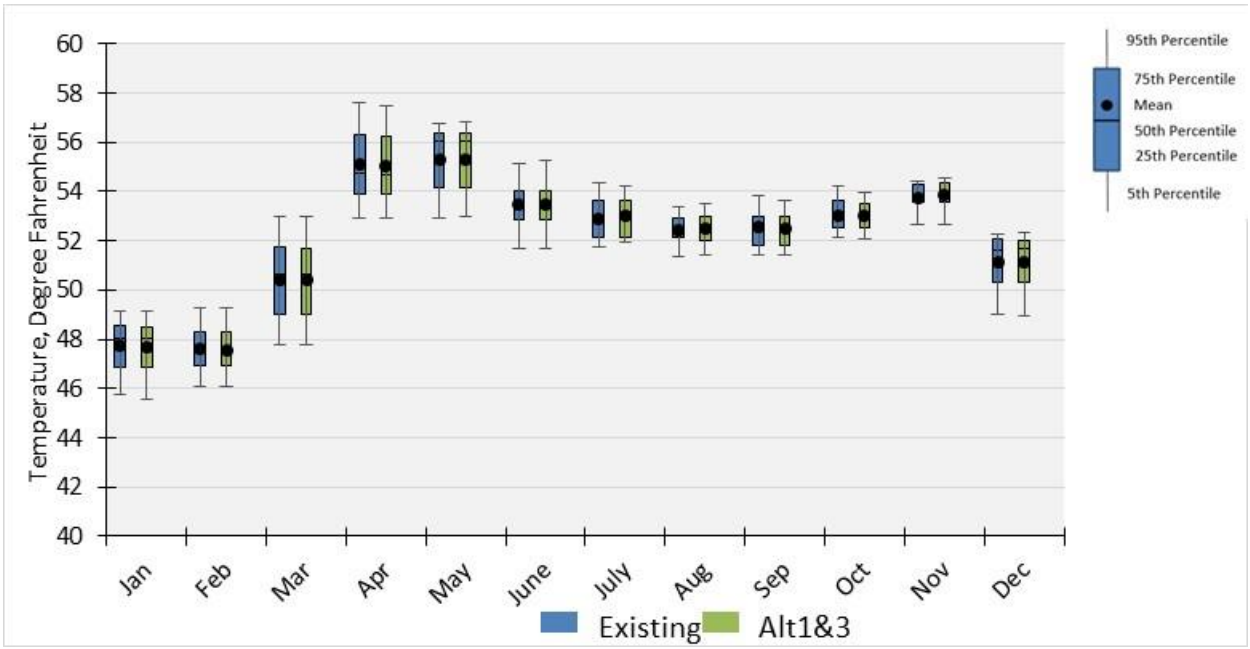


Figure 5A-D1.11.26. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



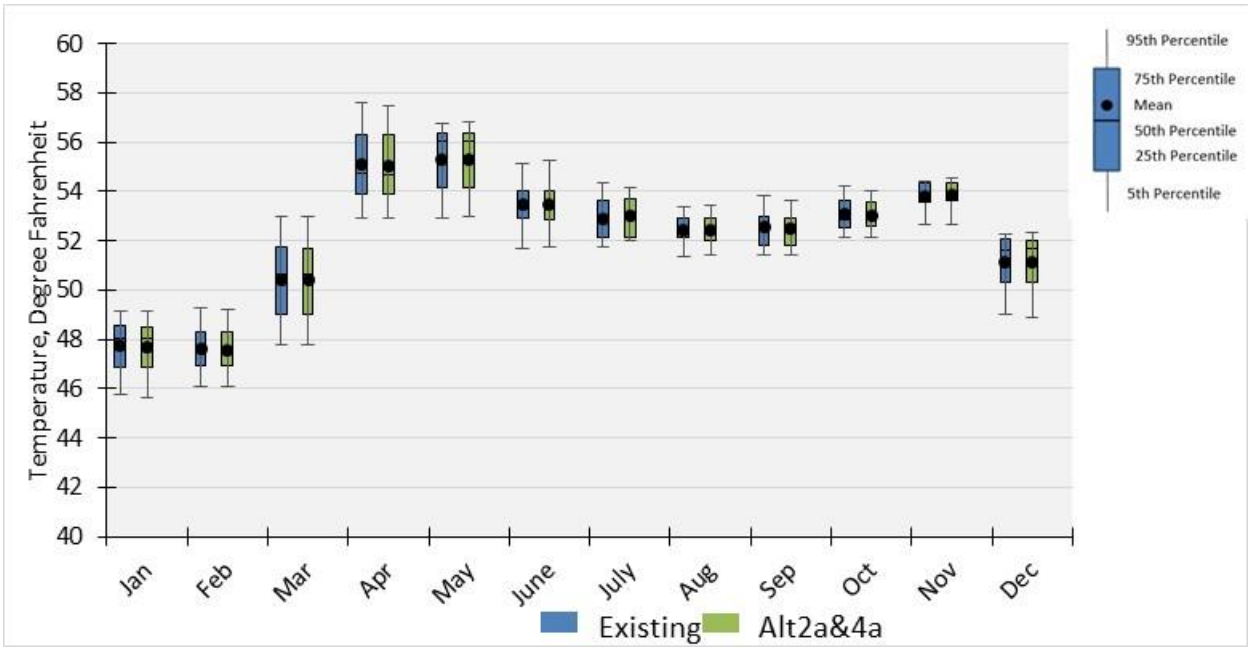


Figure 5A-D1.11.27. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

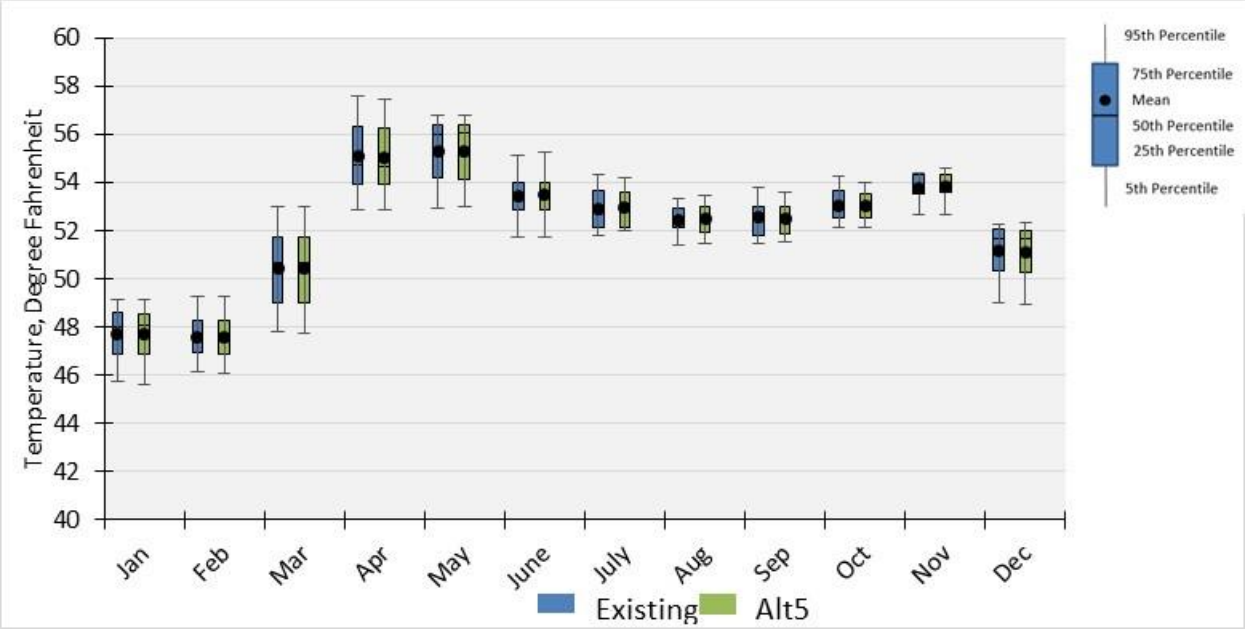
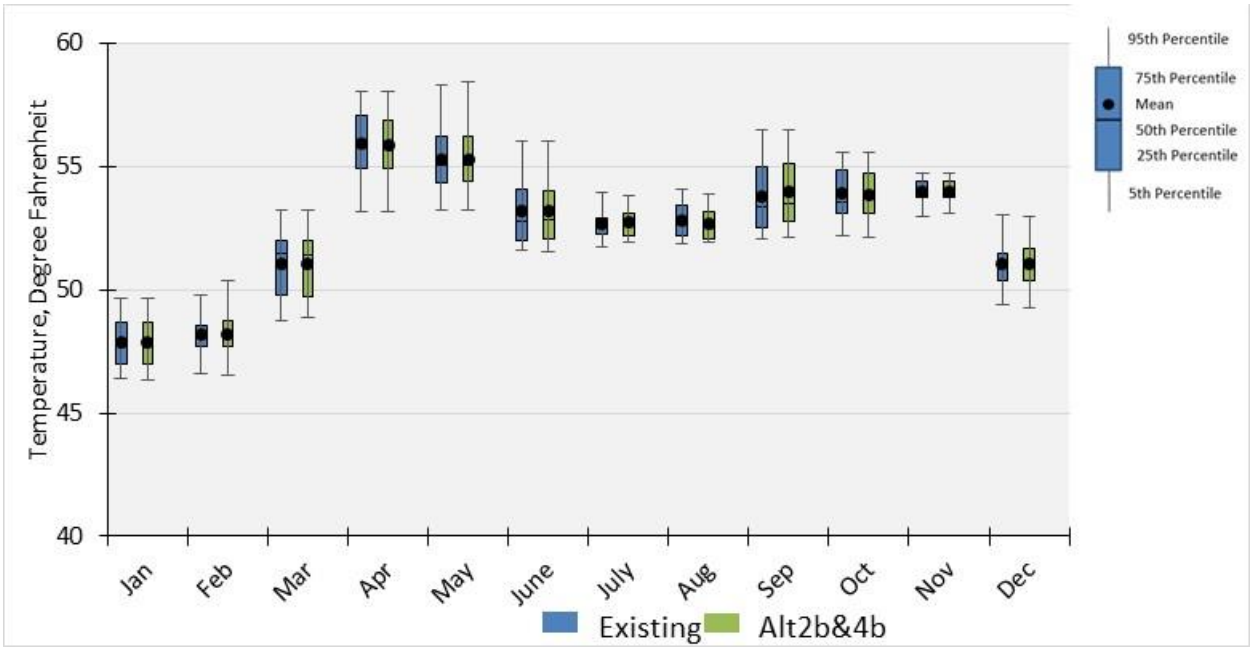


Figure 5A-D1.11.28. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



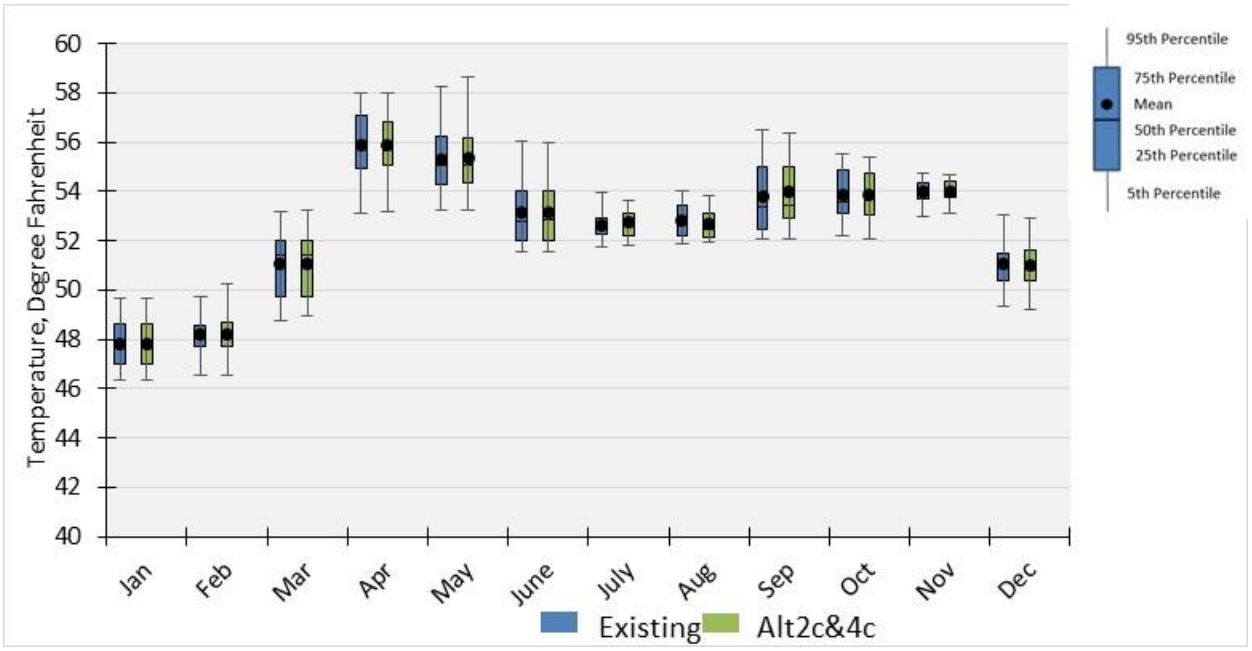
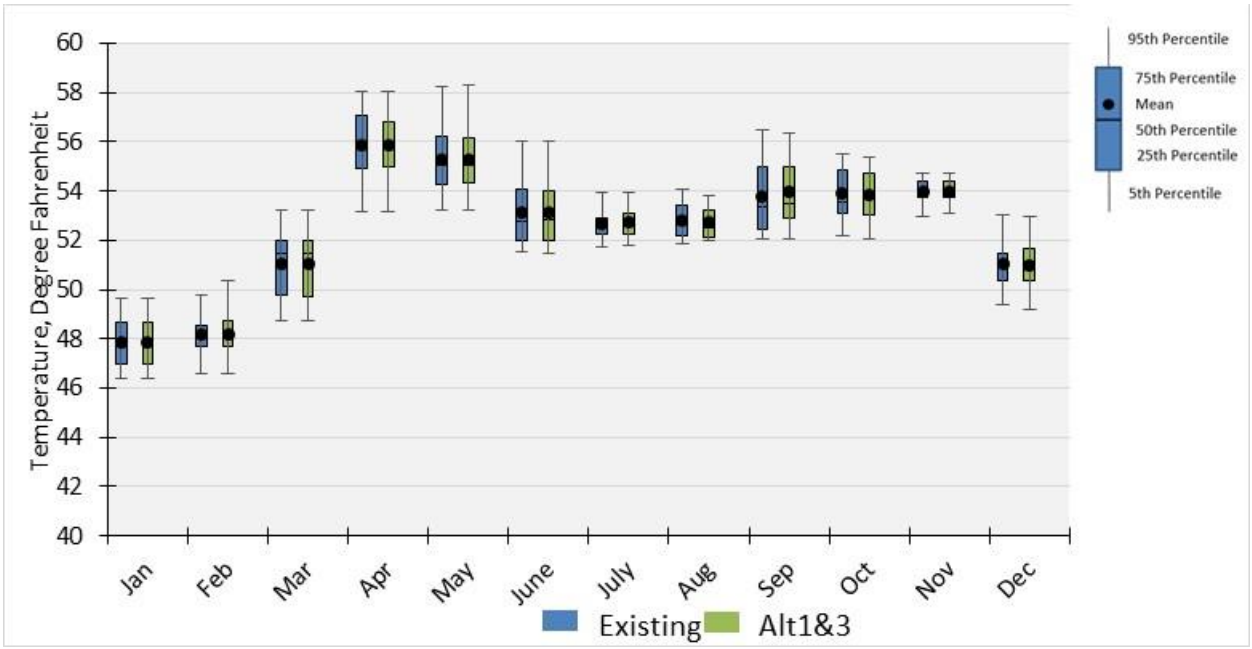


Figure 5A-D1.11.29. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



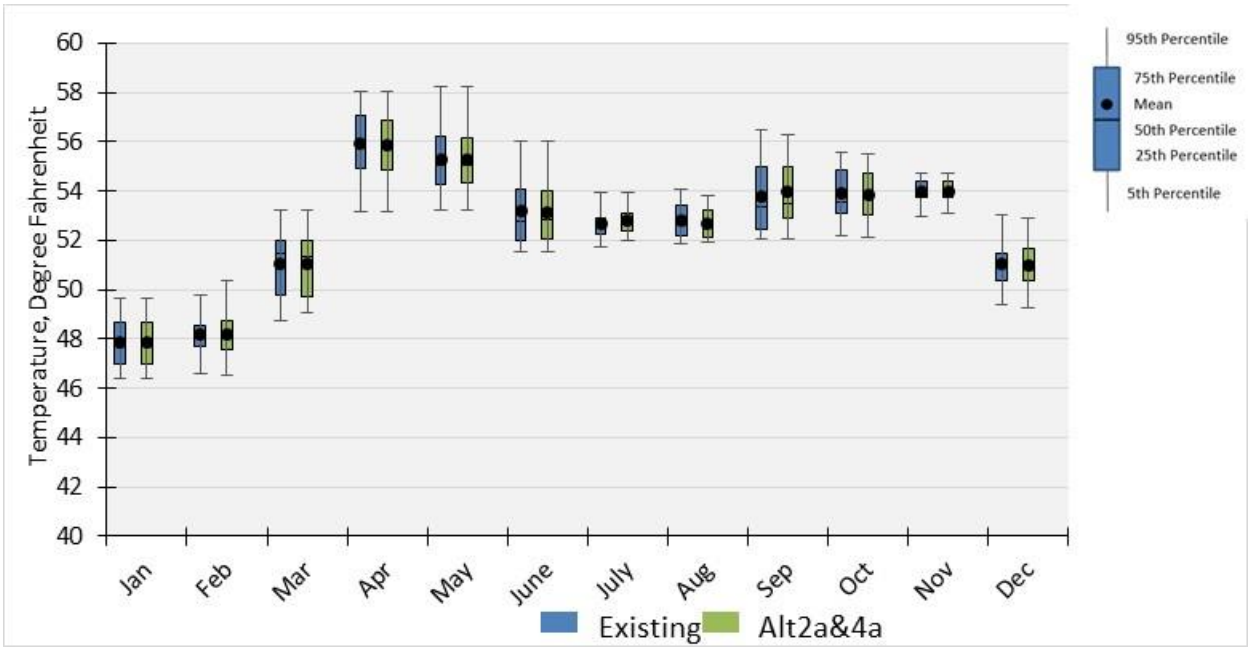


Figure 5A-D1.11.30. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

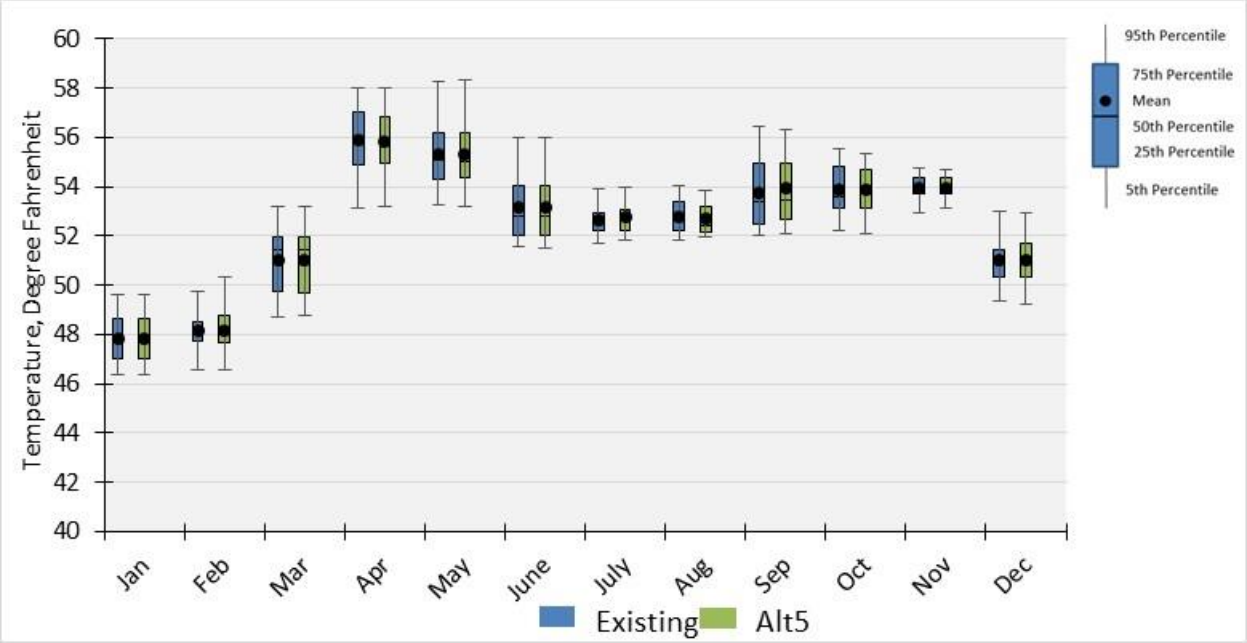


Figure 5A-D1.11.31. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions

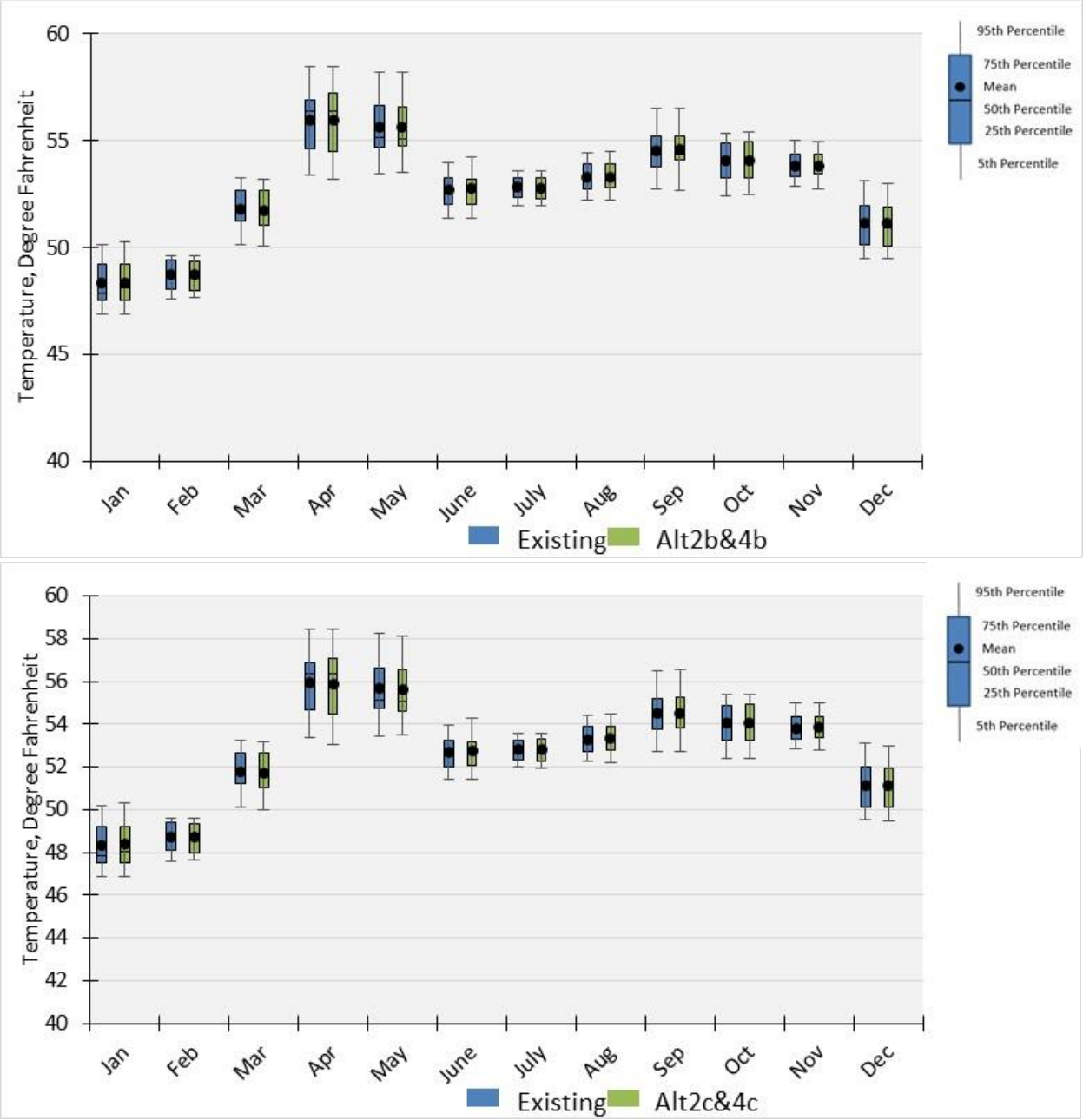
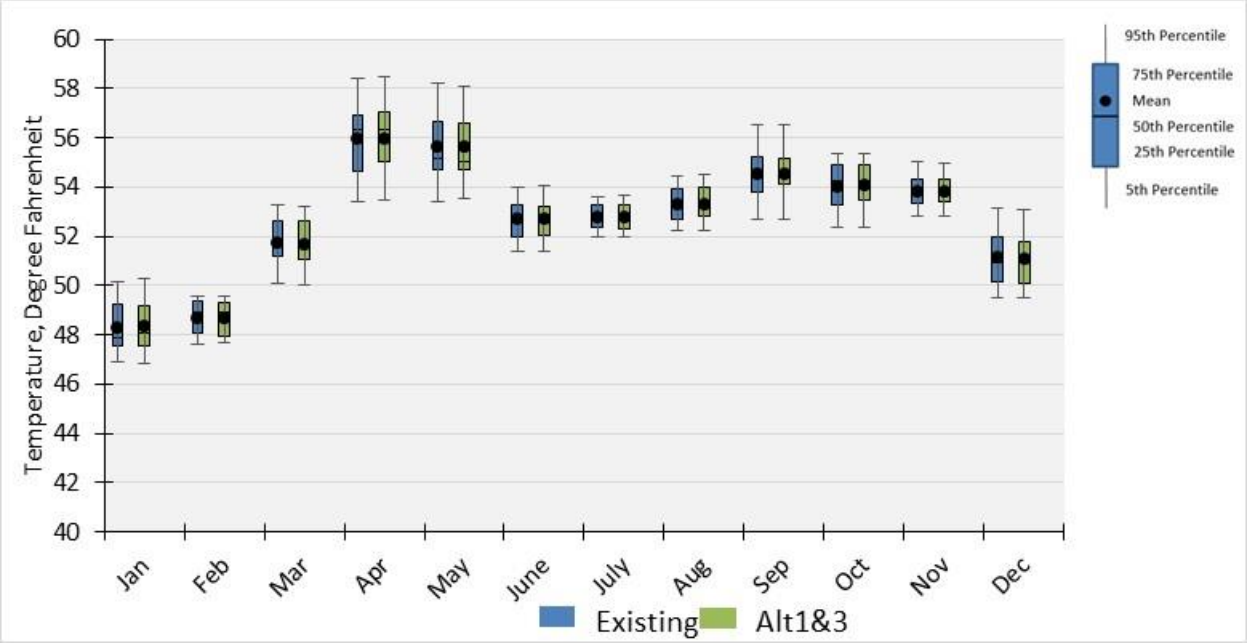


Figure 5A-D1.11.32. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



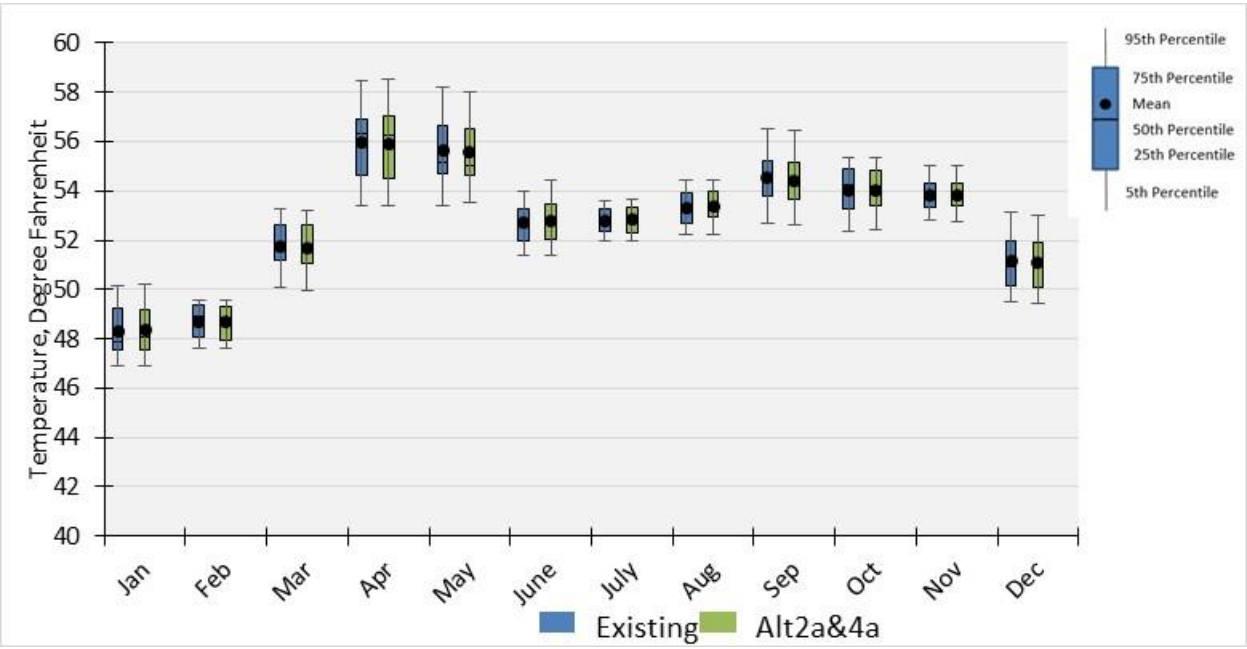


Figure 5A-D1.11.33. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

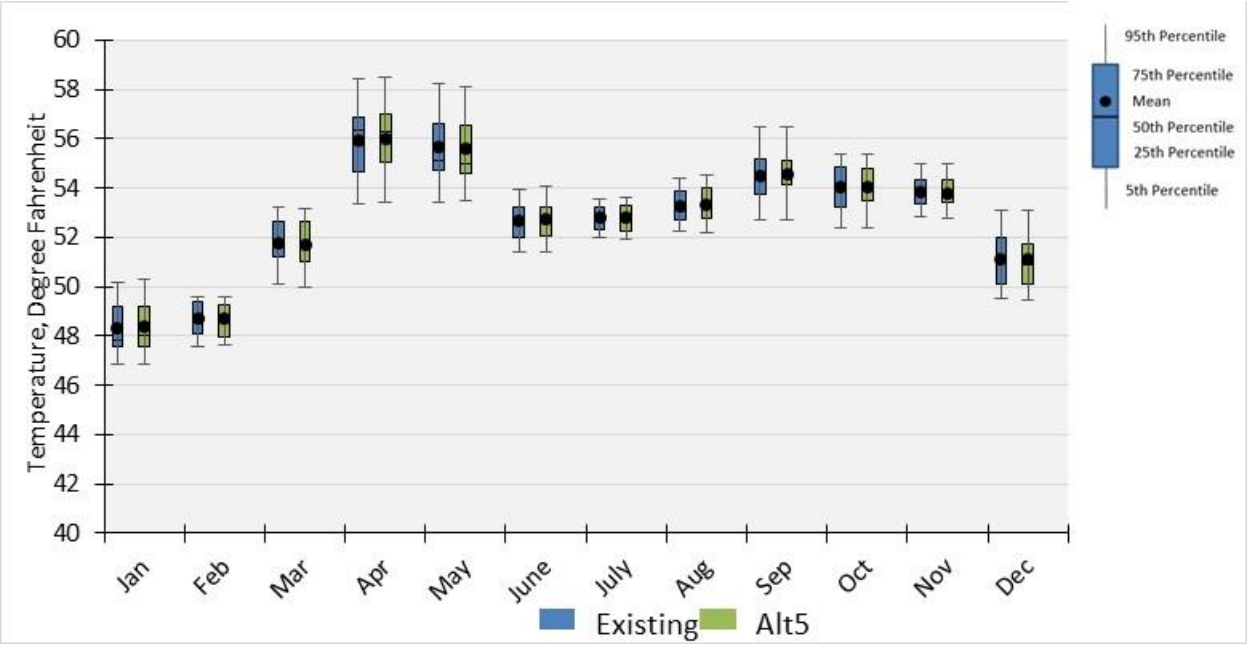
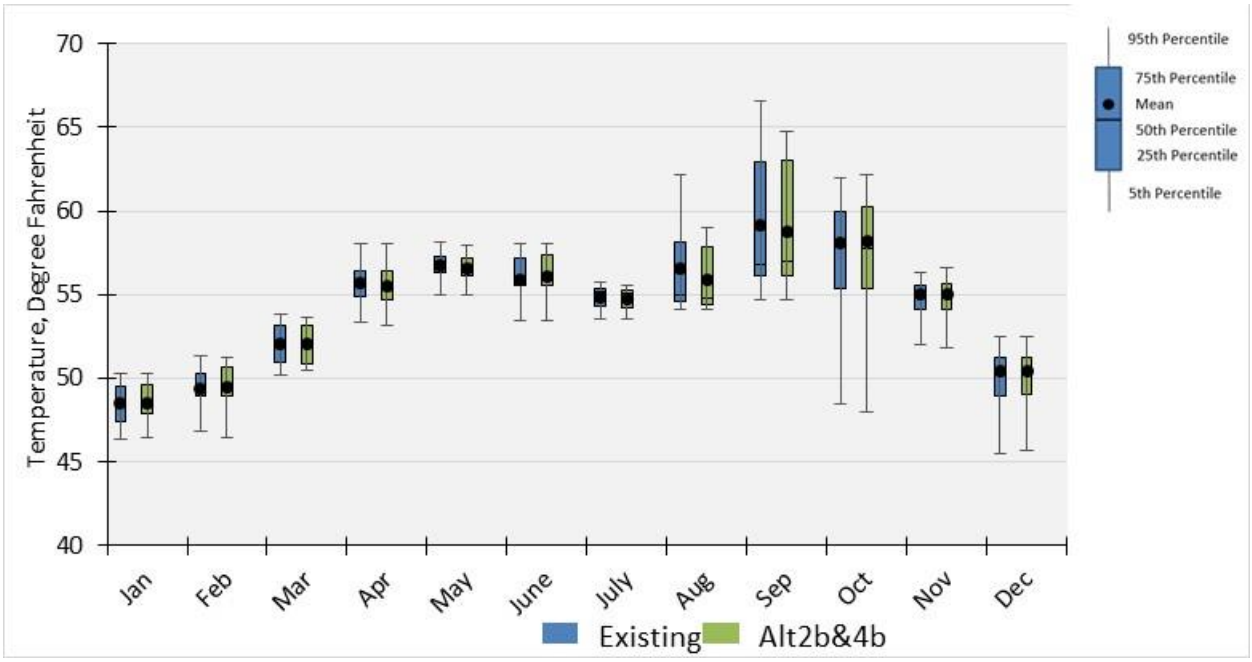


Figure 5A-D1.11.34. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



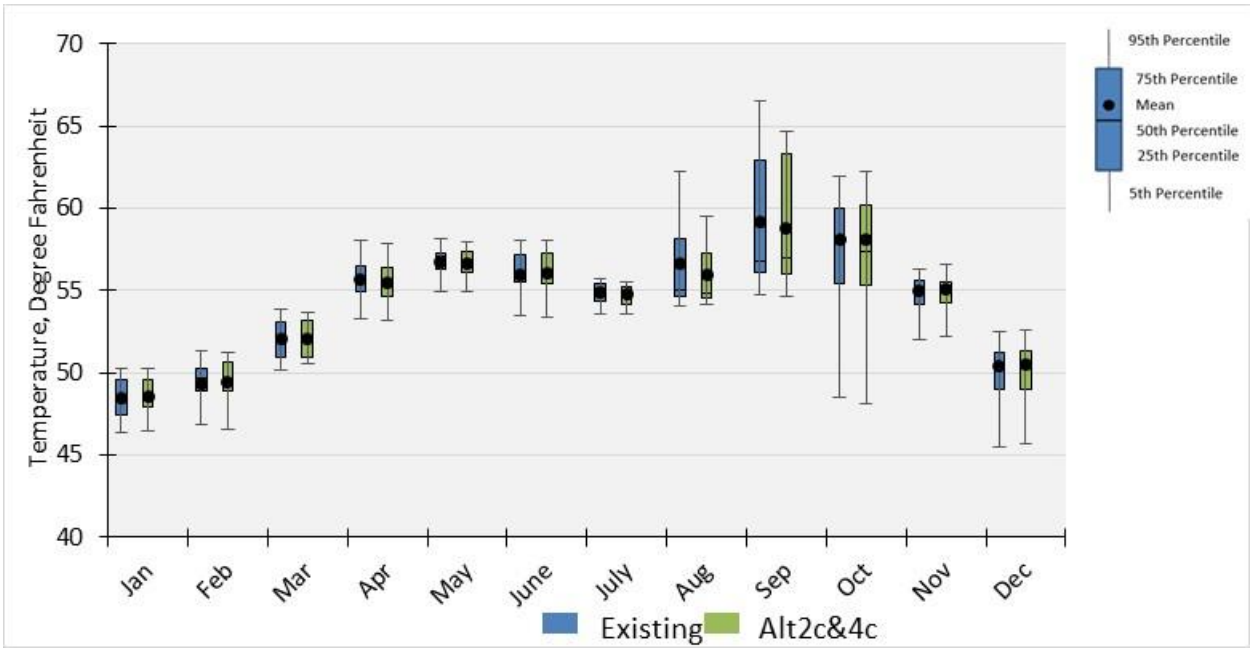
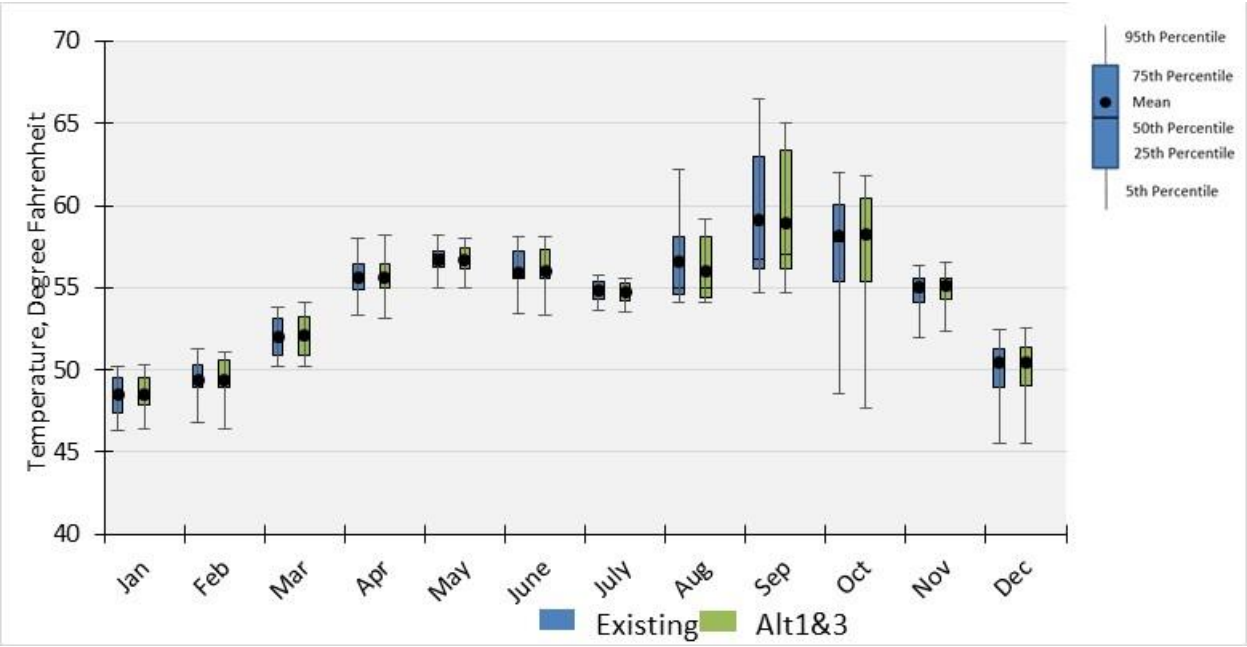


Figure 5A-D1.11.35. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



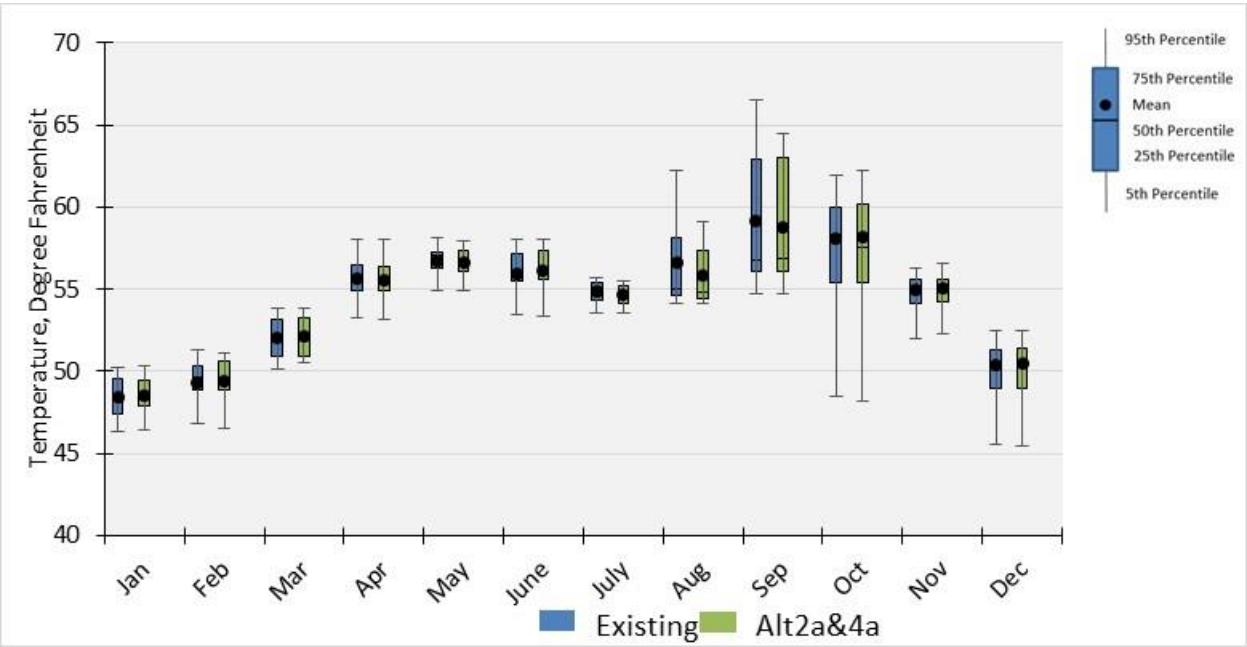


Figure 5A-D1.11.36. Sacramento River at Balls Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

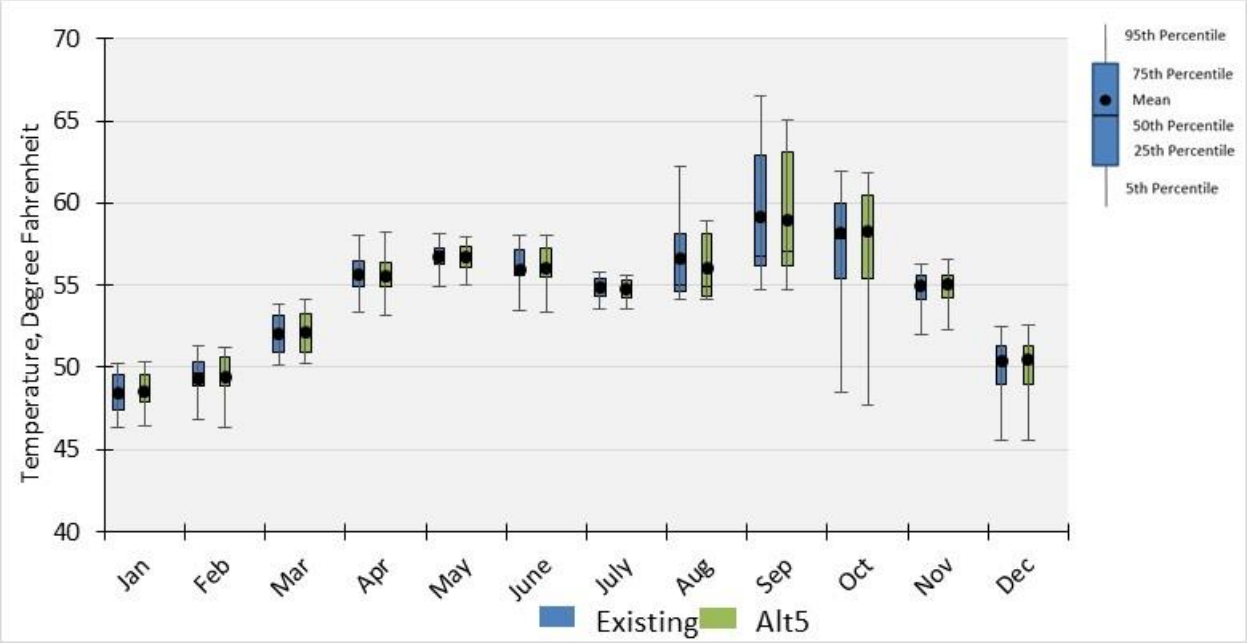
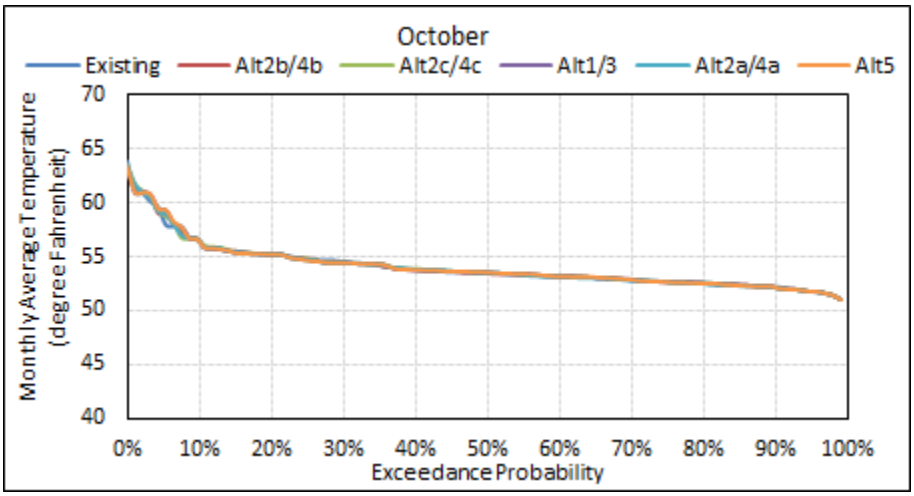
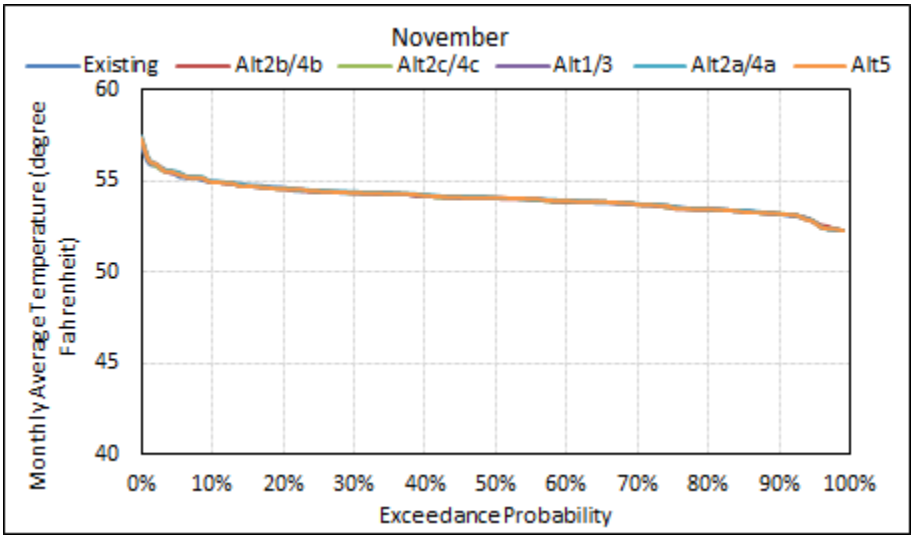


Figure 5A-D1.11.37-A. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





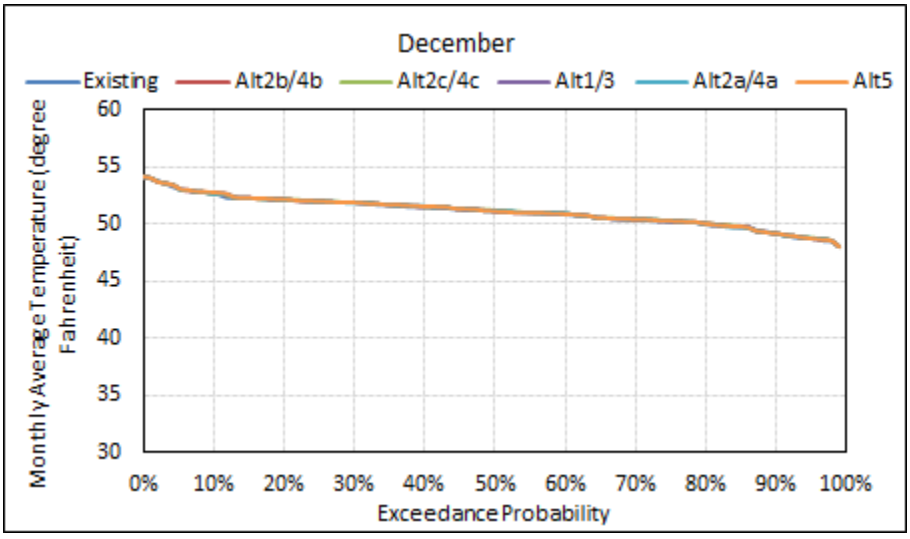
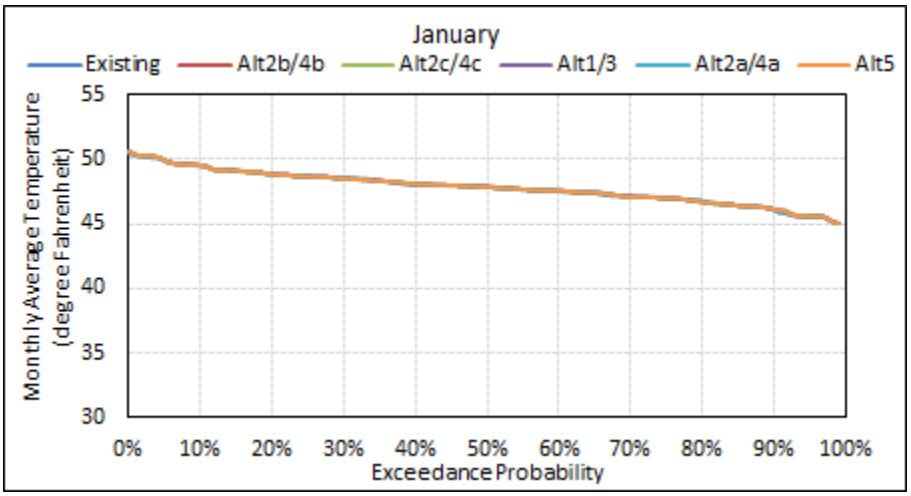
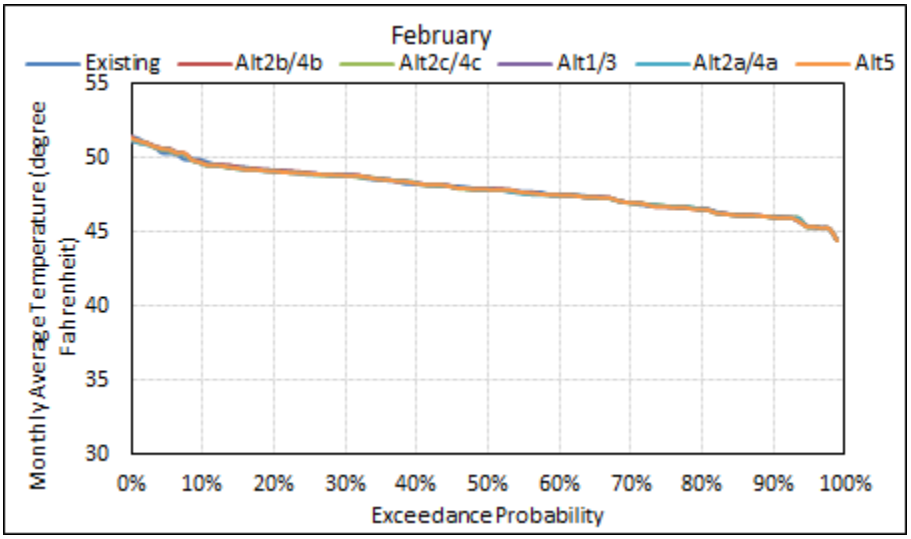


Figure 5A-D1.11.37-B. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





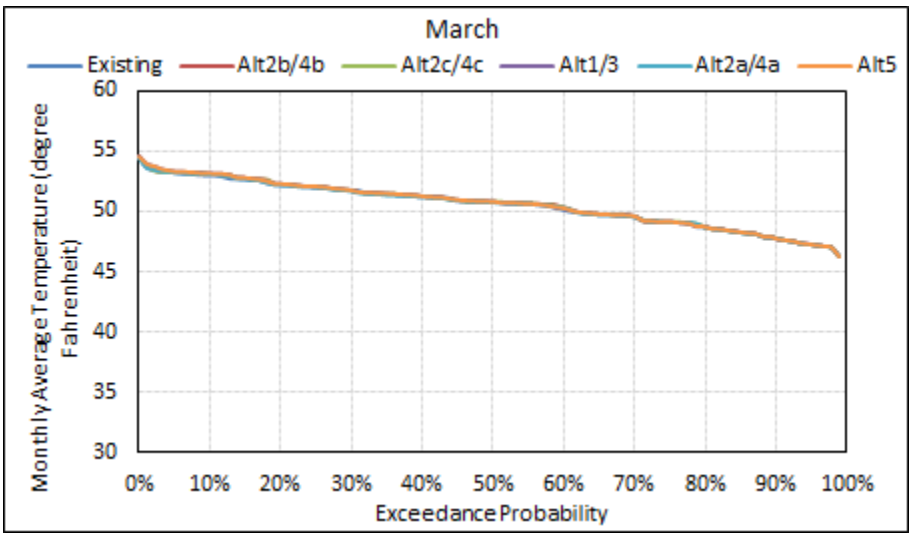
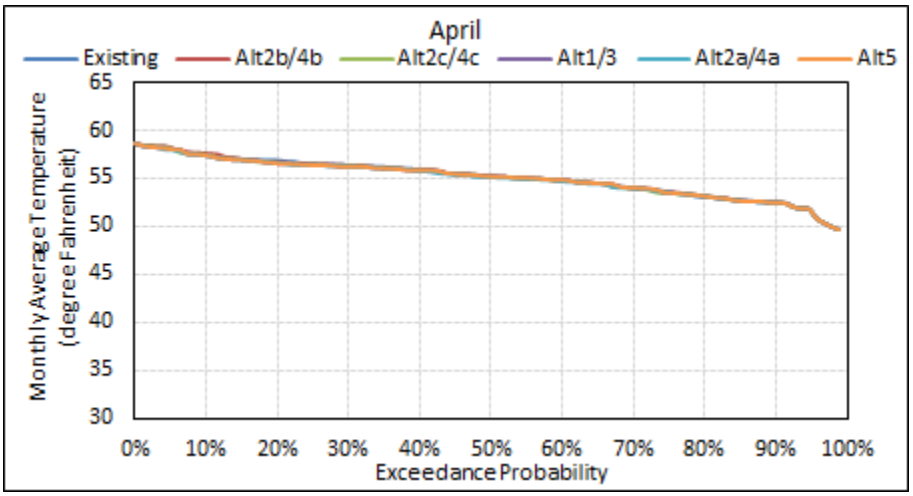
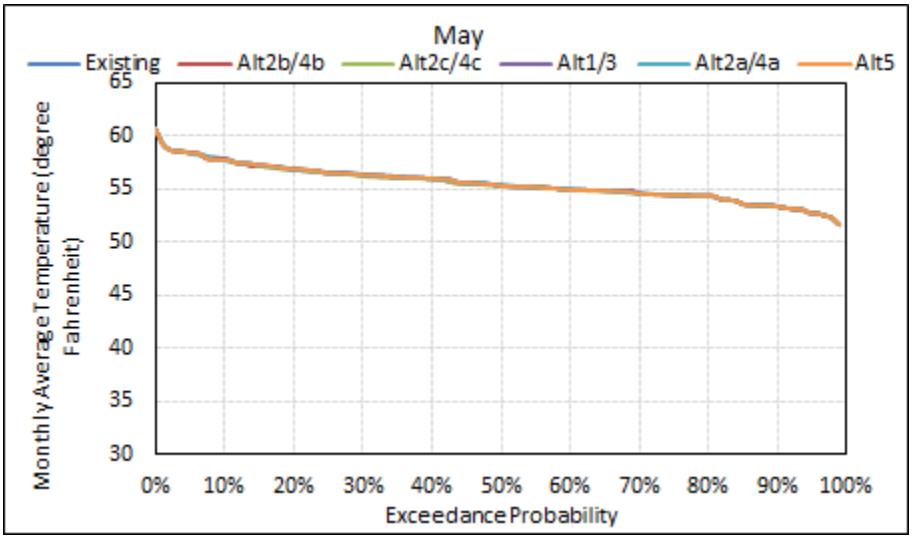


Figure 5A-D1.11.37-C. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





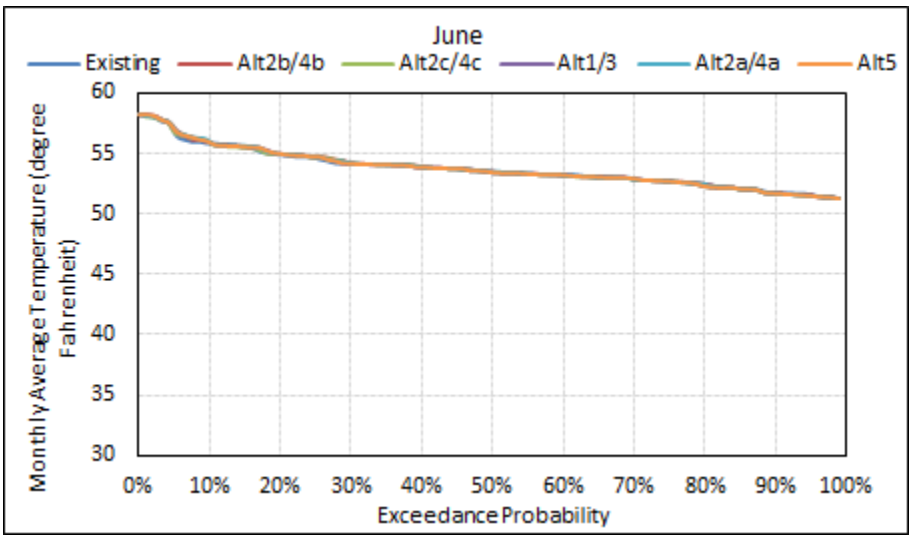
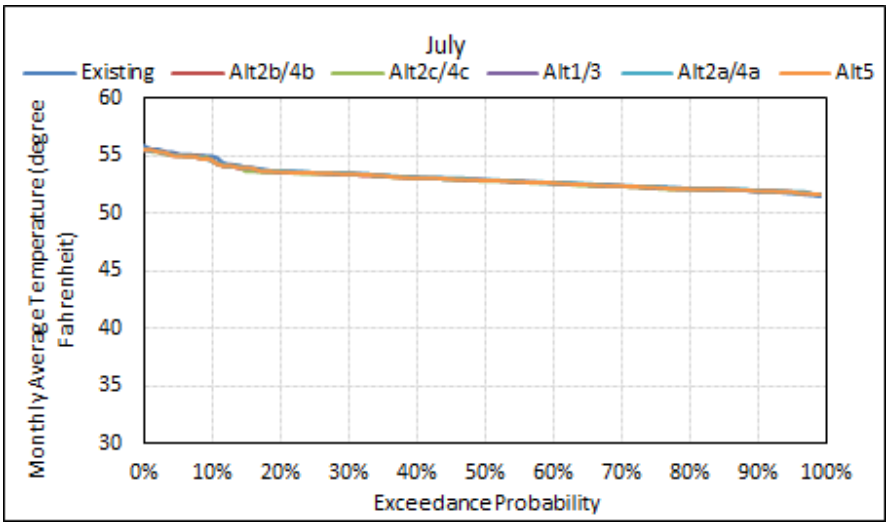
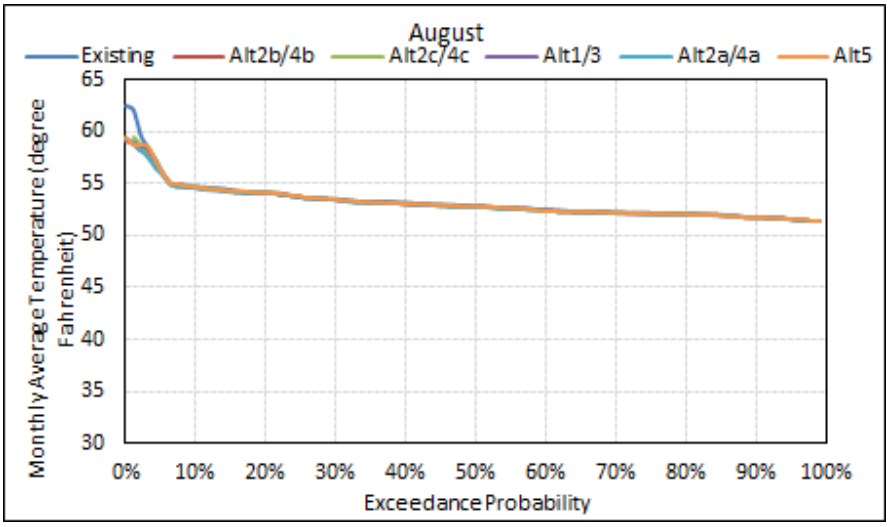


Figure 5A-D1.11.37-D. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





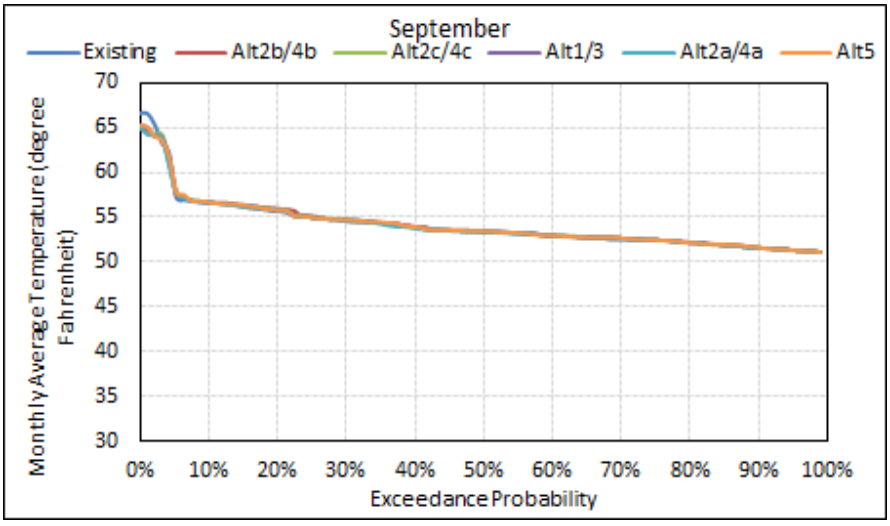


Figure 5A-D1.11.38. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

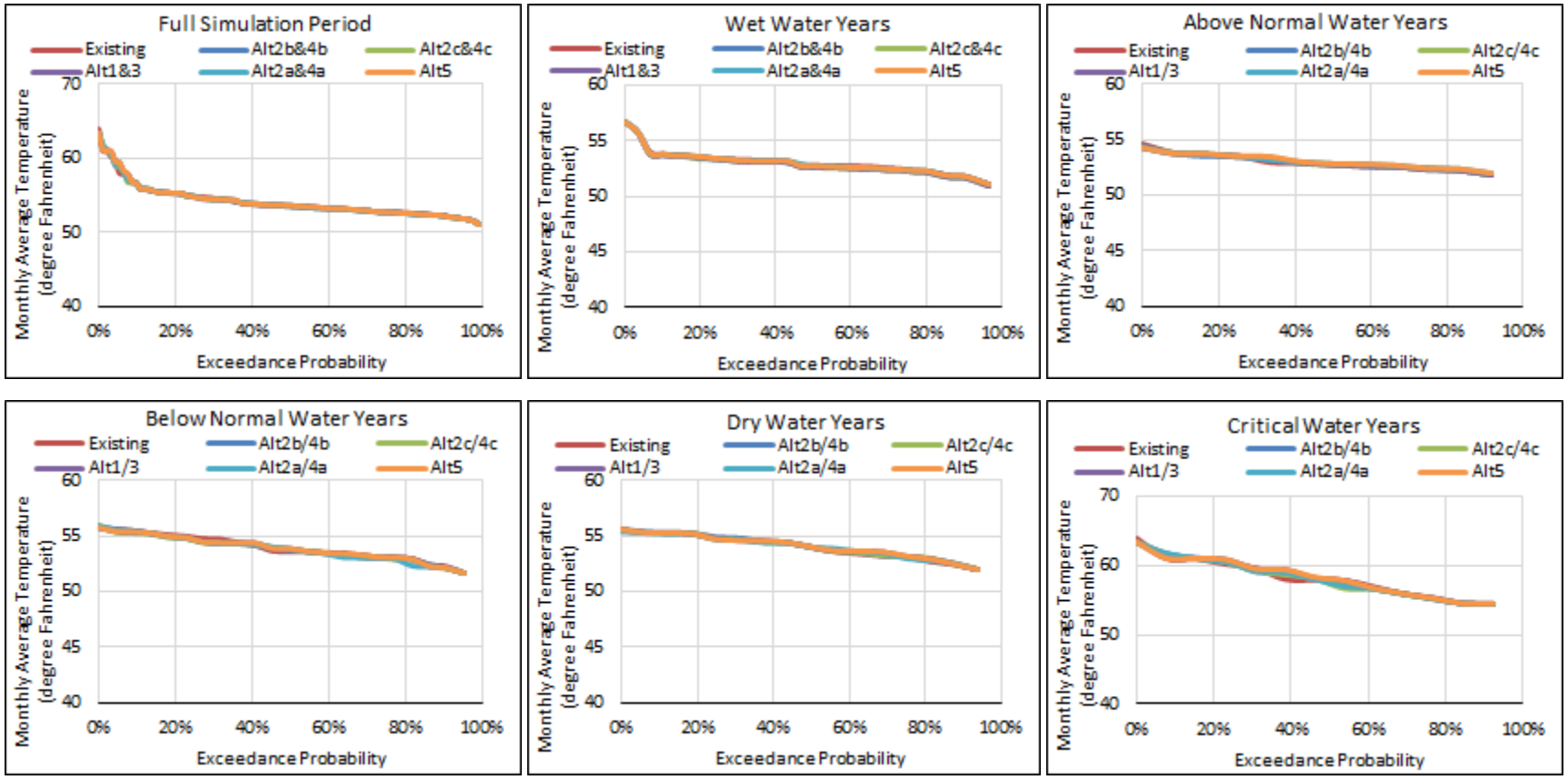


Figure 5A-D1.11.39. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

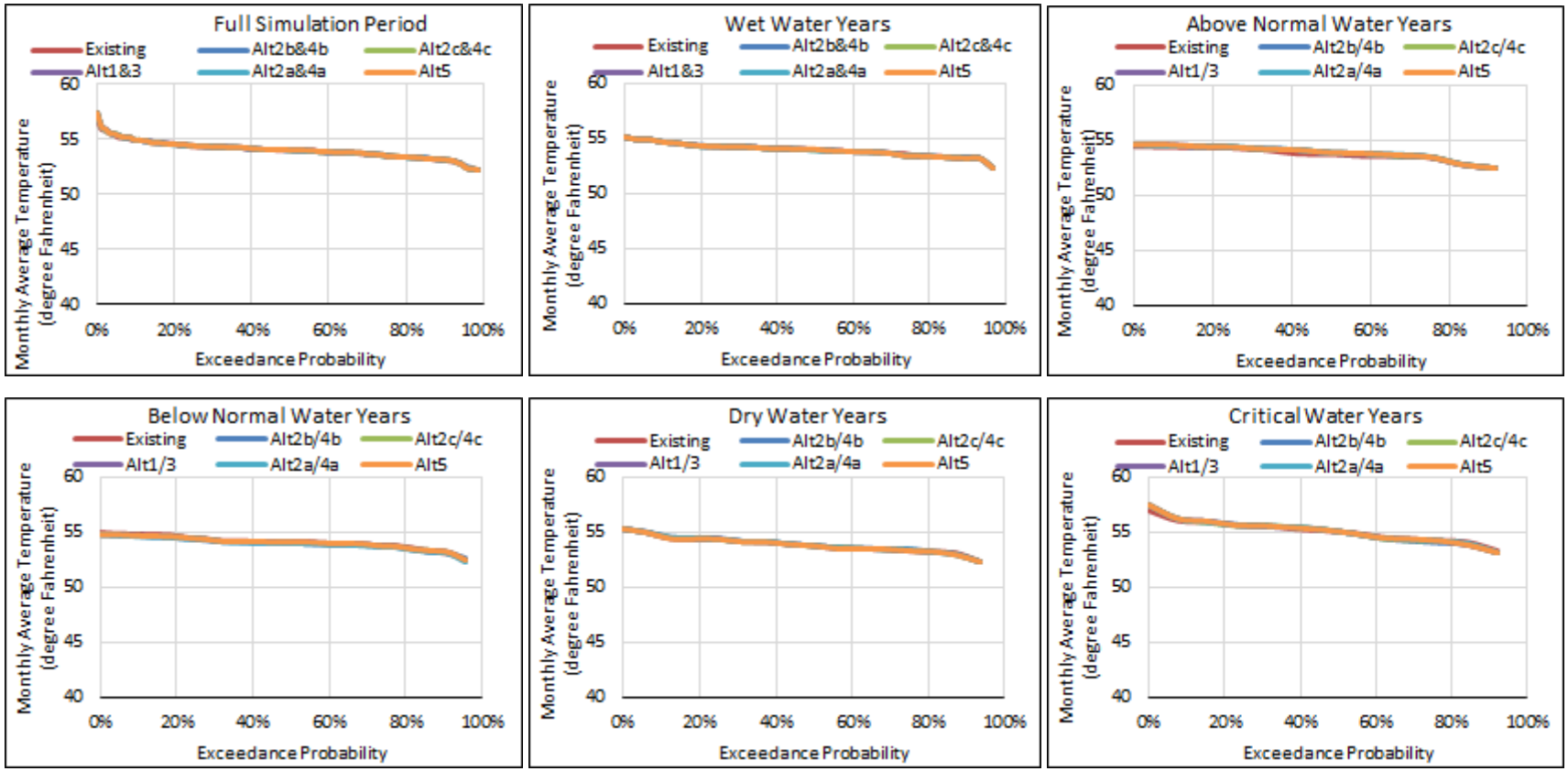


Figure 5A-D1.11.40. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

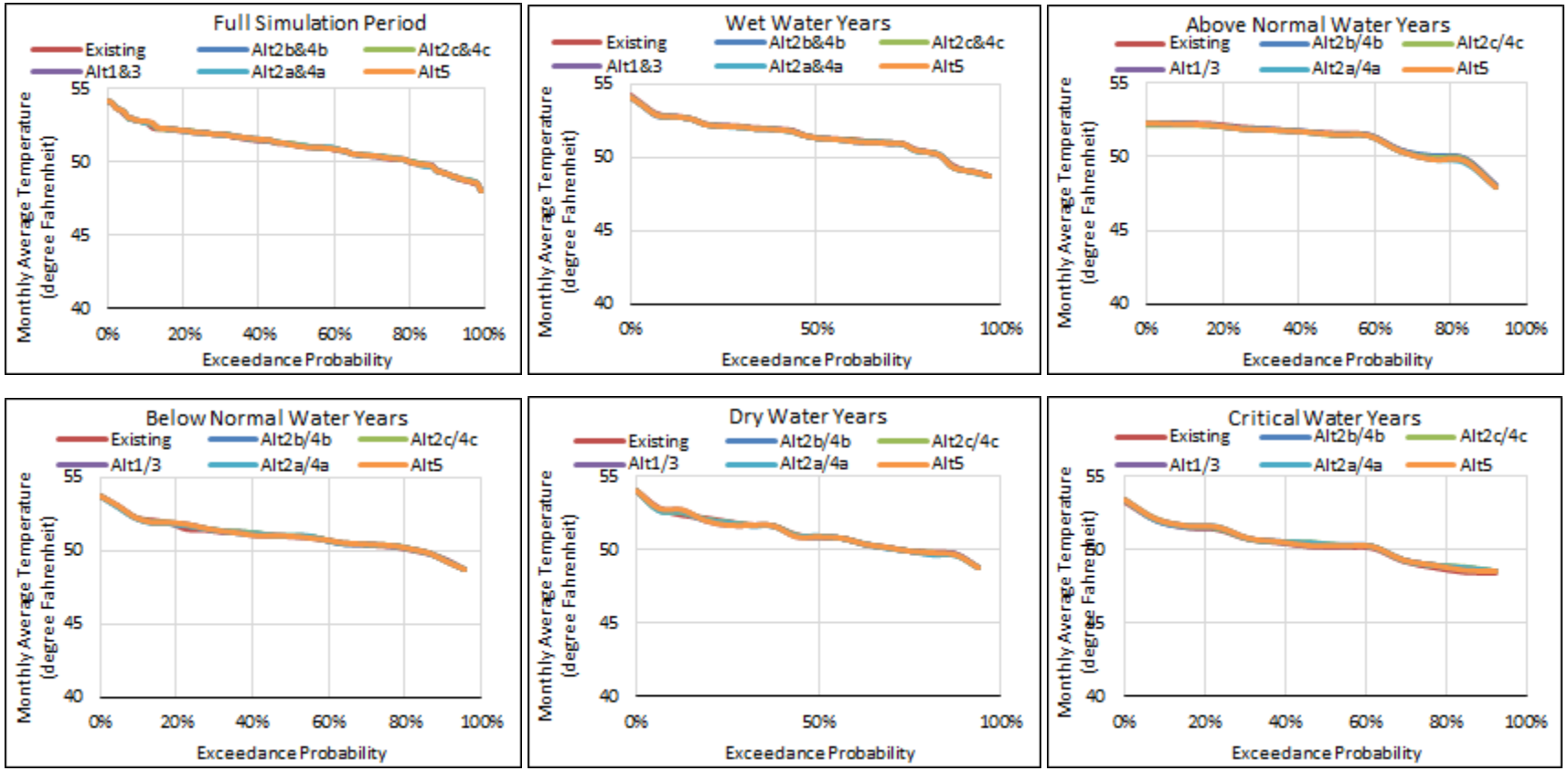


Figure 5A-D1.11.41. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

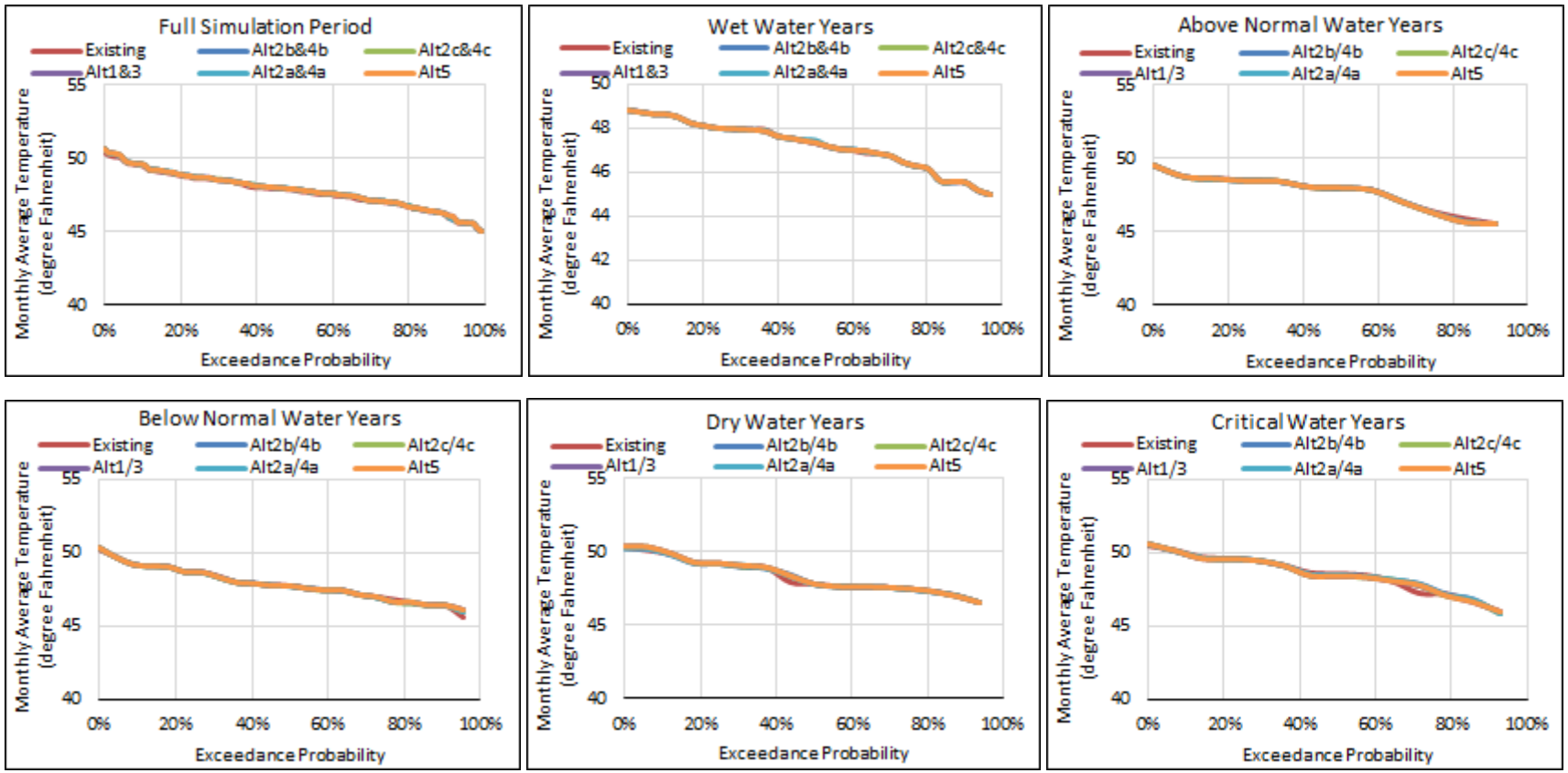


Figure 5A-D1.11.42. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

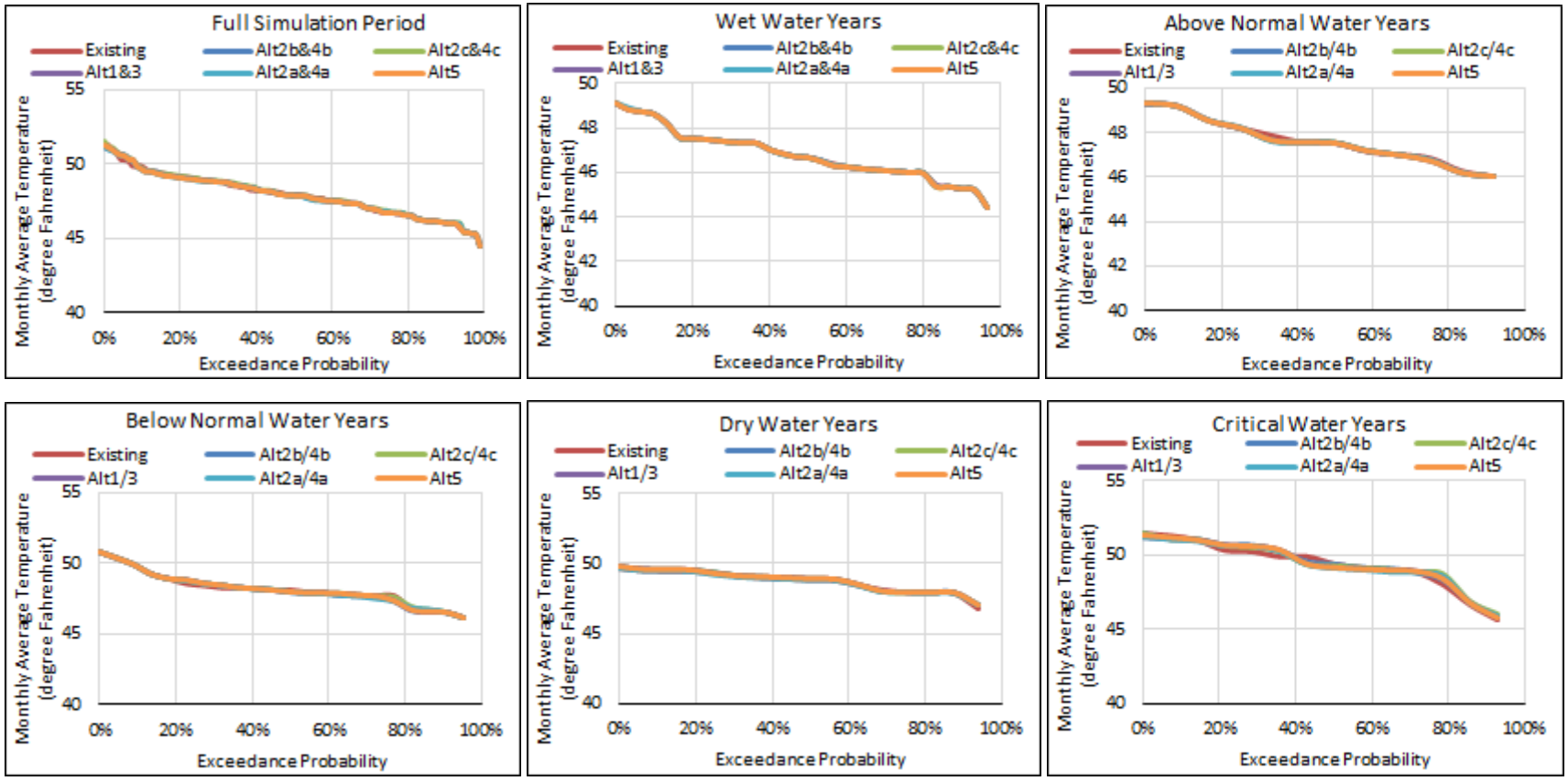


Figure 5A-D1.11.43. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

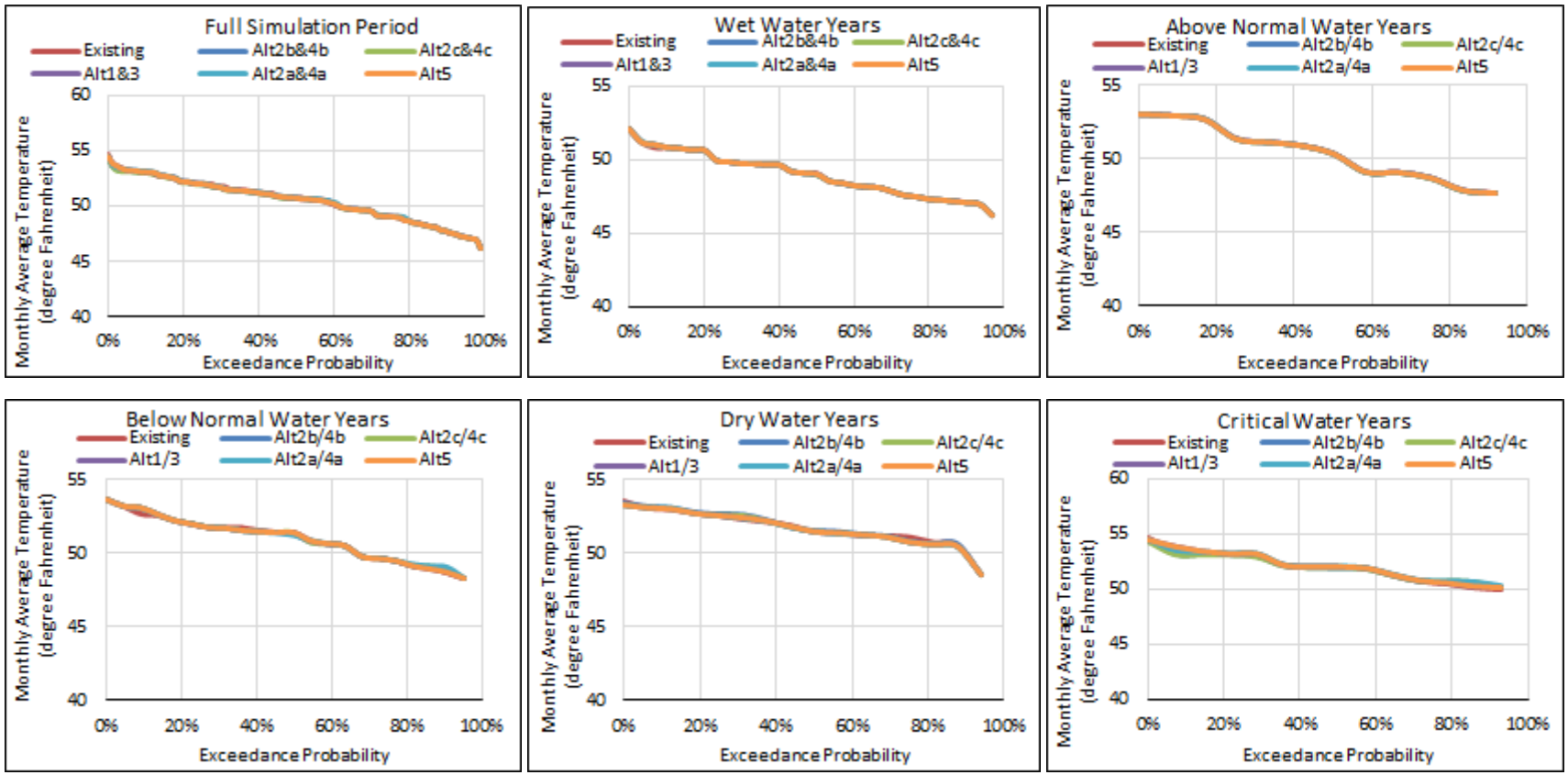


Figure 5A-D1.11.44. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

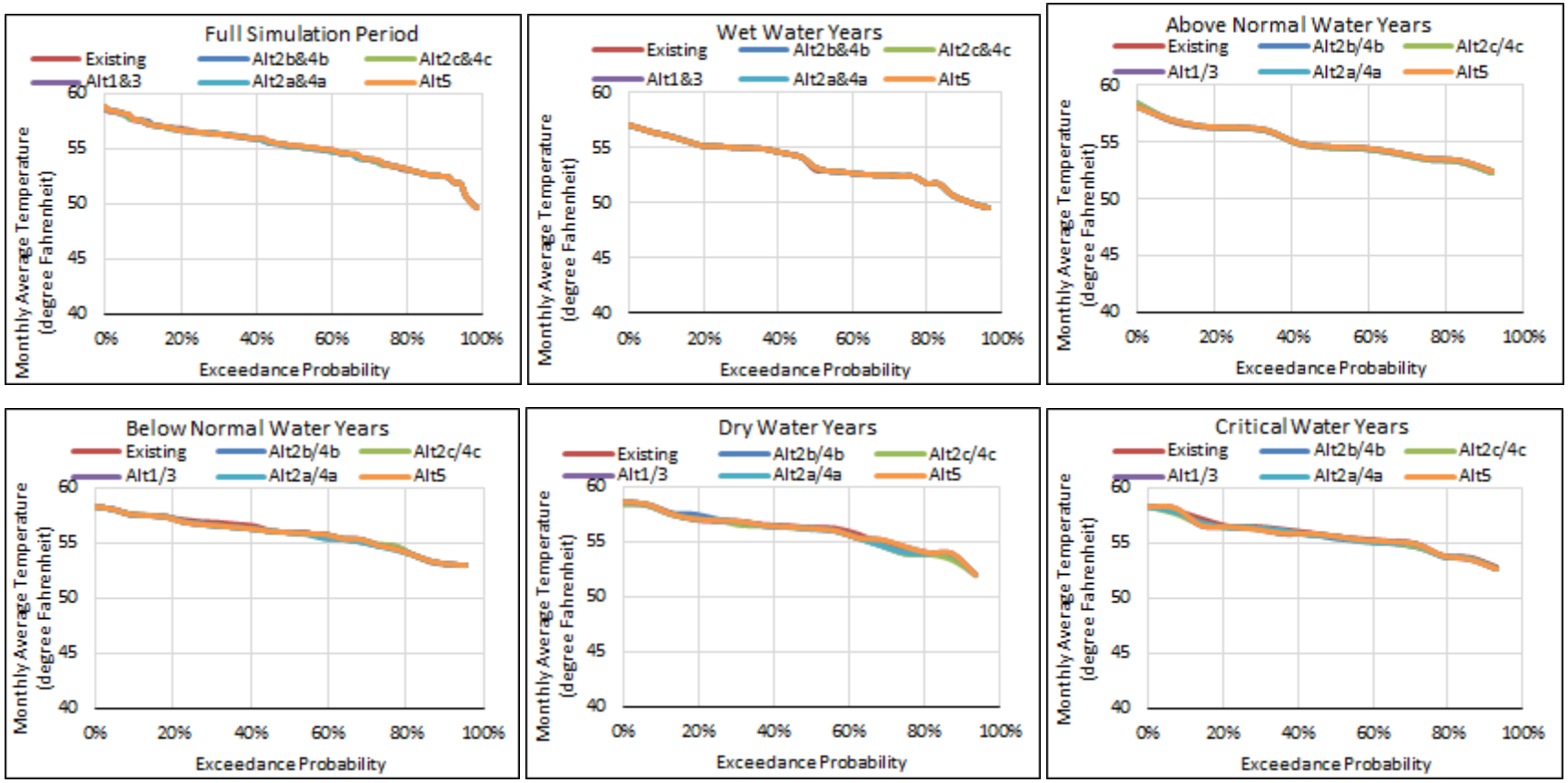


Figure 5A-D1.11.45. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

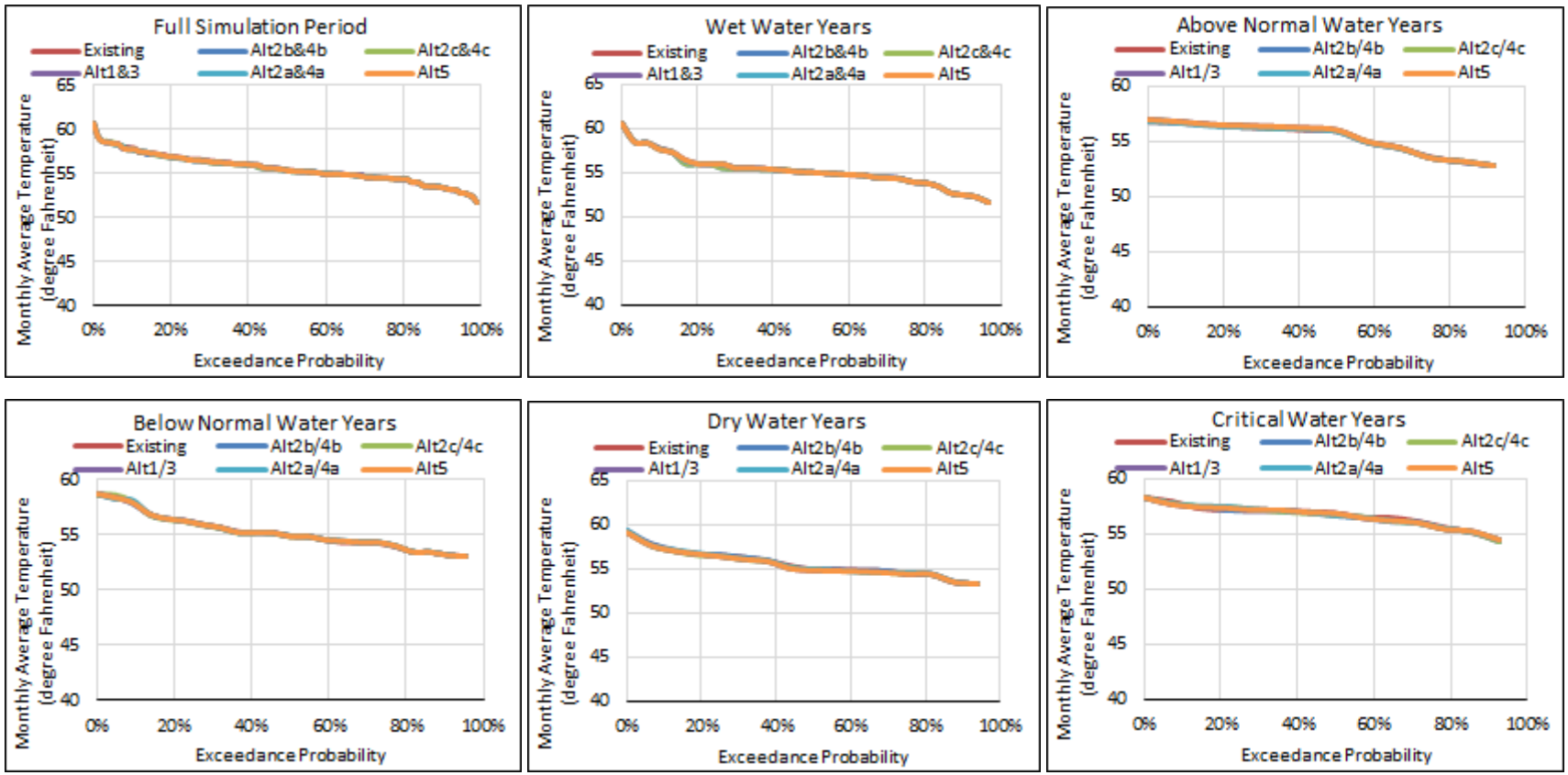


Figure 5A-D1.11.46. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

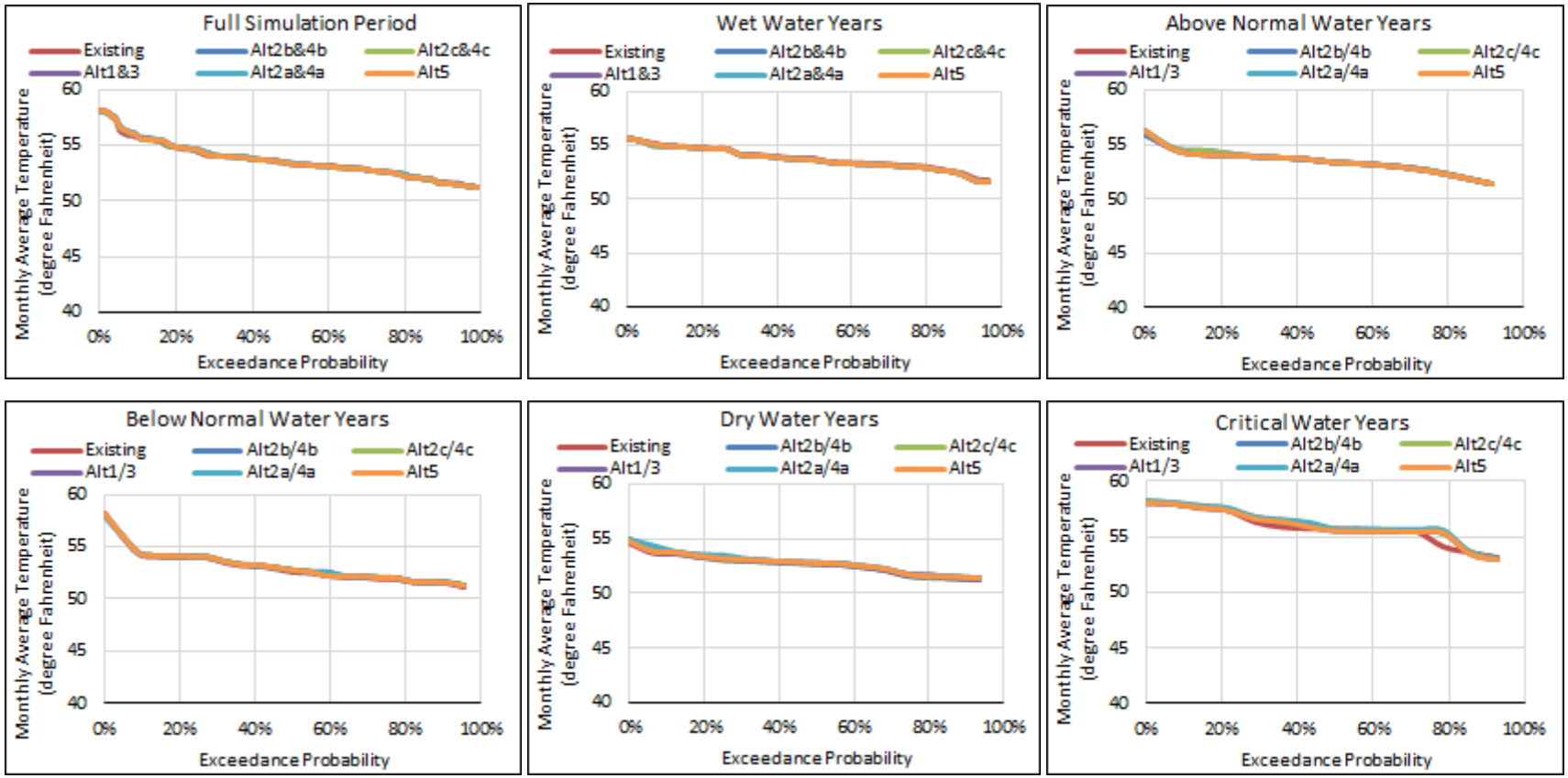


Figure 5A-D1.11.47. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

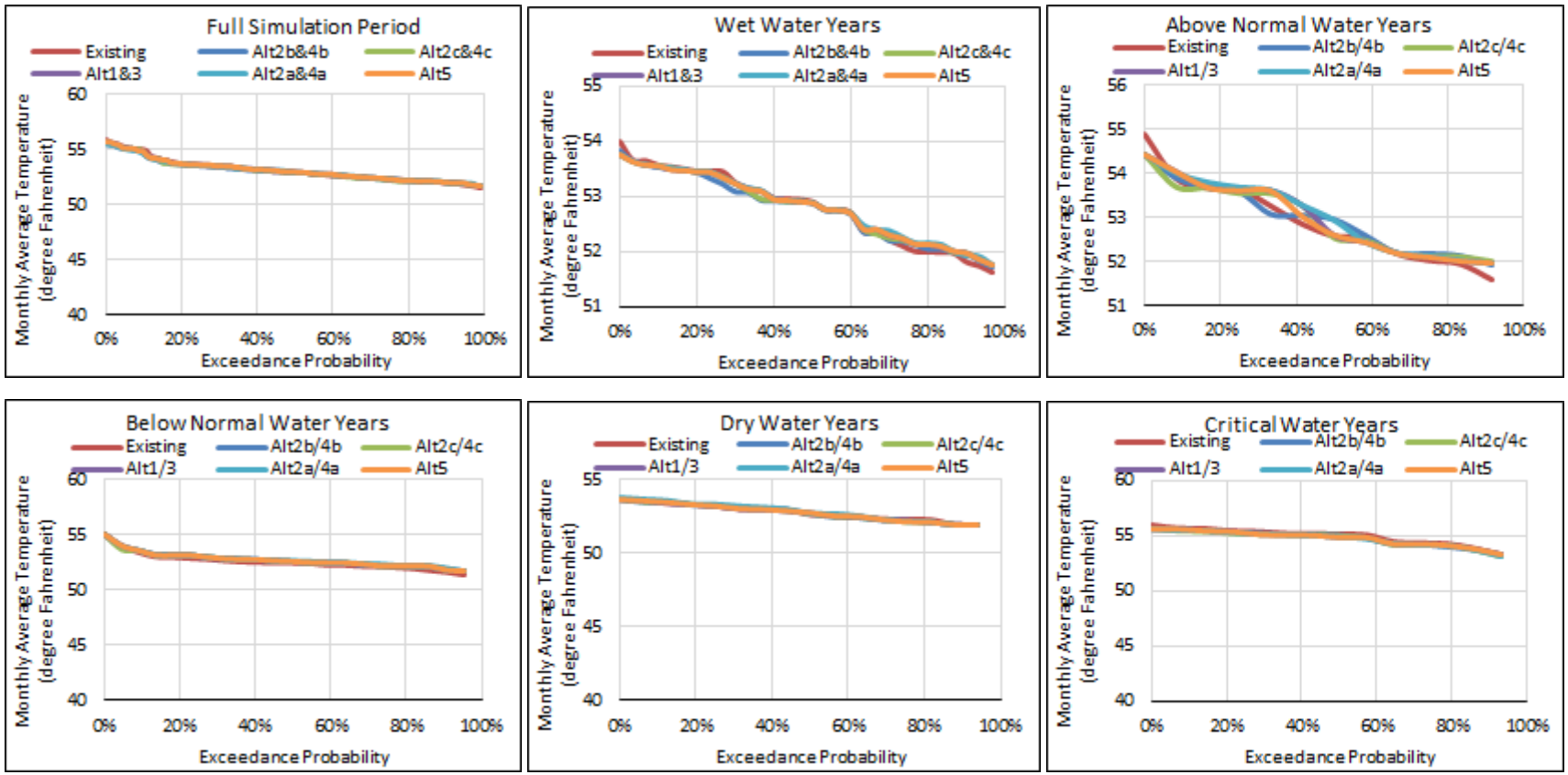


Figure 5A-D1.11.48. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

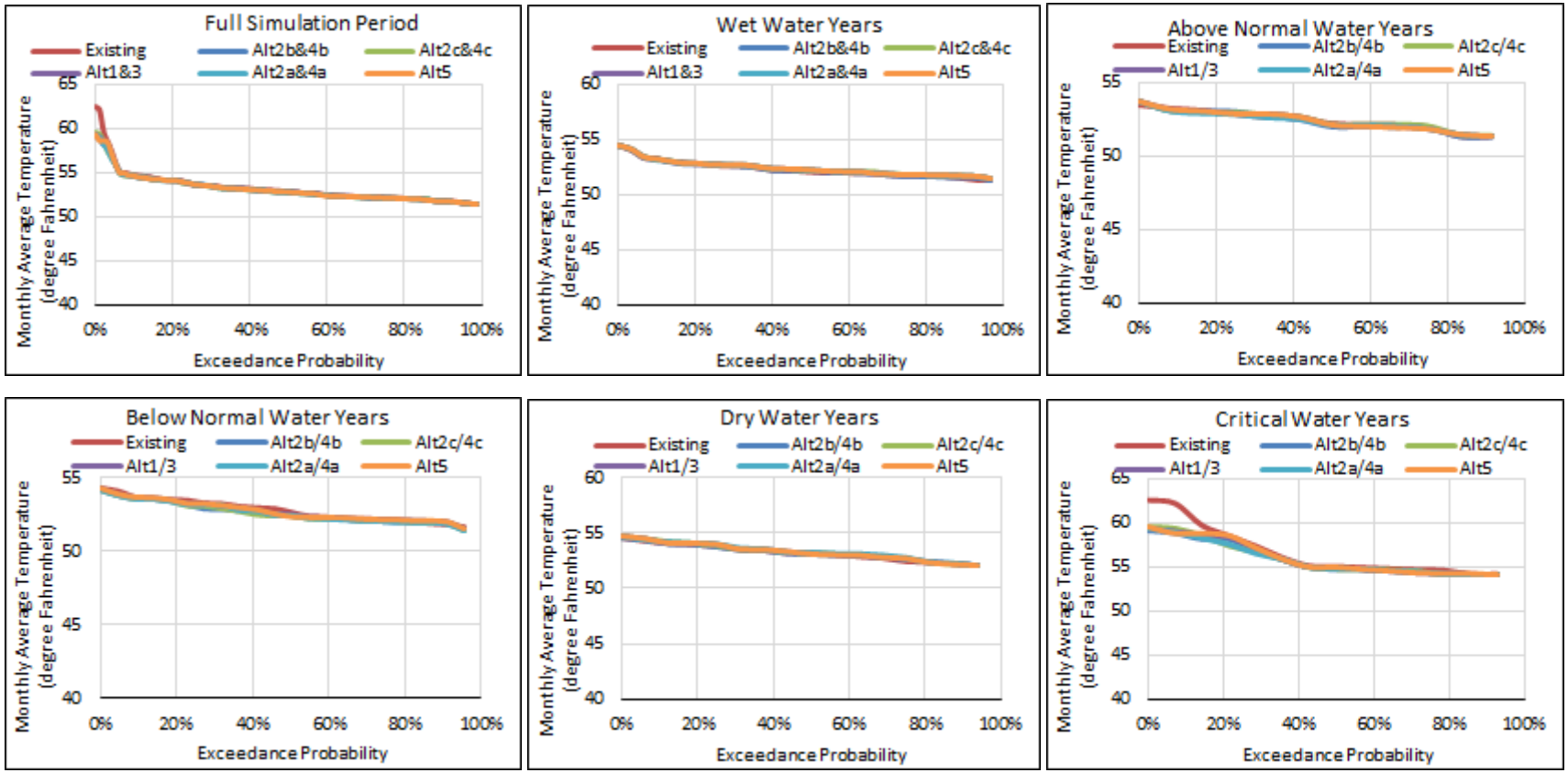
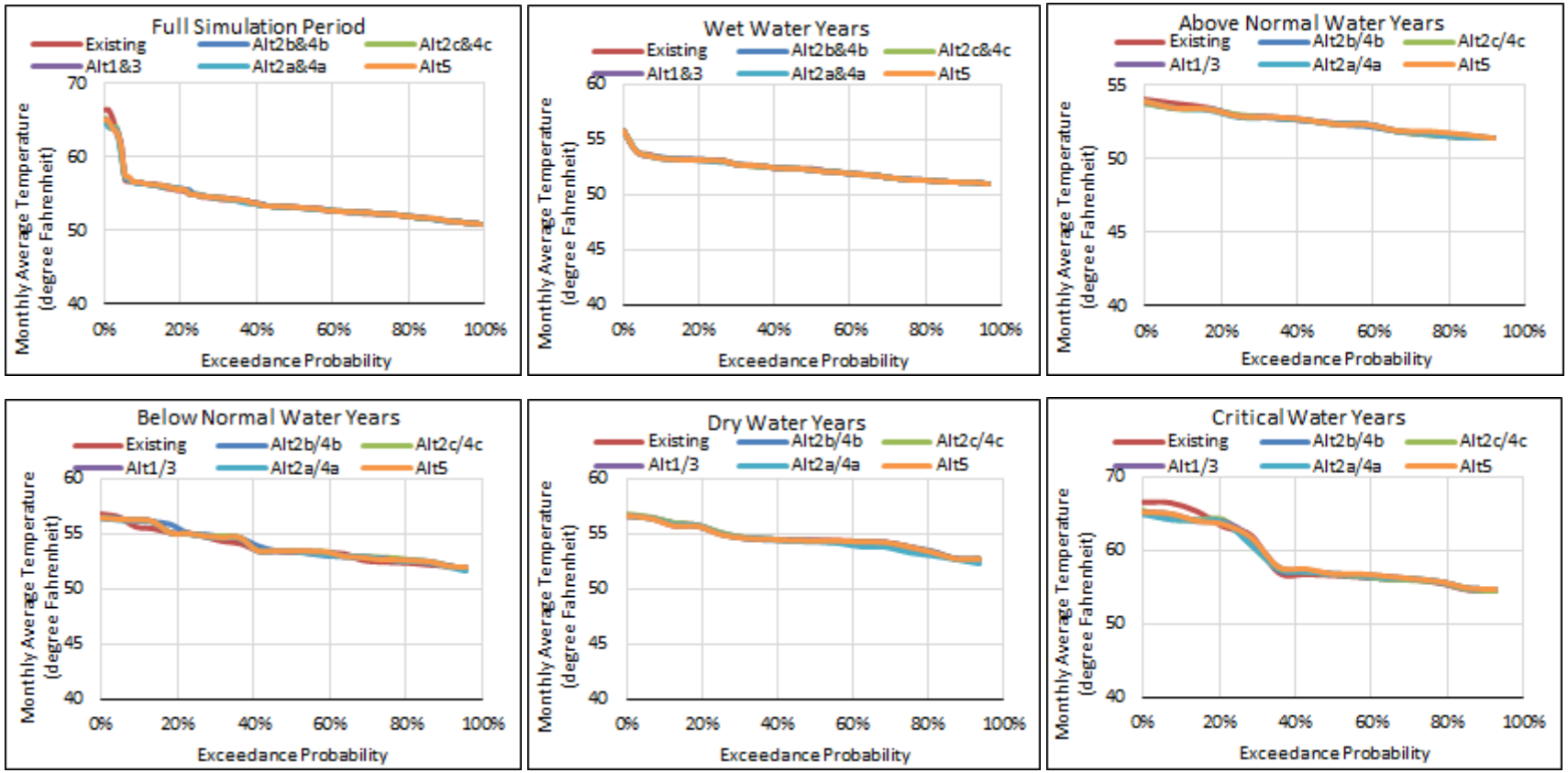


Figure 5A-D1.11.49. Sacramento River at Balls Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.12 Sacramento River at Bend Bridge

Table 5A-D1.12.1-A. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.2	54.6	51.6	48.7	50.0	53.8	59.0	60.4	58.9	57.6	57.9	58.9
20%	56.4	54.2	51.0	48.2	49.2	53.2	58.3	59.2	58.0	56.5	56.7	58.2
30%	55.9	54.0	50.6	48.1	48.9	52.7	57.8	58.8	57.5	56.2	56.0	57.0
40%	55.3	53.8	50.4	47.6	48.4	52.2	57.3	58.4	57.2	55.6	55.6	56.0
50%	54.7	53.6	50.1	47.3	48.2	51.8	56.7	57.7	56.5	55.3	55.3	55.5
60%	54.4	53.4	49.7	47.1	48.0	51.1	56.1	57.4	56.1	54.9	55.0	55.0
70%	54.1	53.0	49.3	46.7	47.3	50.4	55.7	57.0	55.6	54.6	54.6	54.5
80%	53.7	52.7	48.8	46.3	46.9	49.6	54.4	56.5	55.1	54.3	54.3	53.9
90%	53.2	52.1	48.0	45.7	46.5	48.5	53.6	55.5	54.3	54.0	54.0	53.4

Table 5A-D1.12.1-B. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.2	53.5	50.0	47.3	48.2	51.4	56.4	57.9	56.6	55.5	55.7	56.2
Wet Water Years	54.0	53.5	50.4	46.9	47.1	49.7	54.9	57.8	57.1	55.3	54.8	54.3
Above Normal Water Years	54.1	53.3	49.8	47.3	47.8	51.1	56.4	57.7	56.7	55.4	54.8	54.5
Below Normal Water Years	55.3	53.4	50.0	47.2	48.5	51.9	57.3	57.5	56.0	54.9	55.1	56.2
Dry Water Years	55.3	53.0	50.1	47.7	48.8	52.7	57.4	57.9	55.2	55.1	55.8	56.9
Critical Water Years	58.8	54.3	49.2	48.2	49.7	53.2	57.4	58.8	58.3	57.5	59.2	61.0

Table 5A-D1.12.1-C. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.3	54.6	51.7	48.7	50.2	53.8	59.0	60.3	58.9	57.2	57.6	59.0
20%	56.4	54.2	51.0	48.2	49.3	53.2	58.1	59.2	58.1	56.5	56.7	58.4
30%	55.9	54.0	50.6	48.0	49.0	52.5	57.8	58.7	57.6	56.1	56.1	57.0
40%	55.2	53.8	50.3	47.7	48.4	52.2	57.3	58.2	57.2	55.7	55.6	56.3
50%	54.6	53.6	50.1	47.4	48.2	51.8	56.6	57.7	56.5	55.4	55.2	55.5
60%	54.4	53.4	49.8	47.1	47.8	51.1	56.1	57.4	56.1	55.0	54.8	55.2
70%	54.1	53.0	49.2	46.7	47.4	50.4	55.7	57.0	55.6	54.7	54.5	54.8
80%	53.7	52.7	48.8	46.3	46.9	49.6	54.4	56.6	55.2	54.3	54.2	54.1
90%	53.3	52.1	48.0	45.7	46.5	48.5	53.6	55.5	54.2	54.1	54.0	53.4

Table 5A-D1.12.1-D. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.2	53.5	50.0	47.4	48.2	51.4	56.4	57.9	56.7	55.5	55.6	56.2
Wet Water Years	54.0	53.5	50.3	46.9	47.1	49.7	54.9	57.7	57.1	55.3	54.8	54.3
Above Normal Water Years	54.1	53.3	49.8	47.2	47.8	51.1	56.4	57.7	56.8	55.5	54.8	54.5
Below Normal Water Years	55.3	53.5	50.0	47.2	48.4	51.9	57.3	57.5	56.0	55.0	55.0	56.5
Dry Water Years	55.3	53.0	50.0	47.8	48.8	52.6	57.4	57.9	55.3	55.1	55.8	57.0
Critical Water Years	58.8	54.4	49.3	48.2	49.7	53.2	57.2	58.7	58.4	57.3	58.6	60.6

Table 5A-D1.12.1-E. Sacramento River at Bend Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	0.1	0.0	0.1	0.0	0.0	-0.1	0.0	-0.3	-0.2	0.1
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	-0.1	0.0	0.1
30%	0.0	0.0	0.0	0.0	0.1	-0.2	0.0	-0.1	0.1	-0.1	0.0	0.0
40%	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.3
50%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	-0.1	0.0
60%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.1	-0.2	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
80%	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.0

Table 5A-D1.12.1-F. Sacramento River at Bend Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.3
Dry Water Years	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.12.1-G. Sacramento River at Bend Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.0%	0.1%	0.0%	0.3%	0.1%	0.0%	-0.1%	0.0%	-0.6%	-0.4%	0.2%
20%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.4%	0.0%	0.1%	-0.1%	0.0%	0.2%
30%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.4%	0.0%	-0.1%	0.2%	-0.1%	0.1%	-0.1%
40%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.3%	0.1%	0.0%	0.1%	0.5%
50%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.1%	-0.2%	-0.1%
60%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.0%	-0.1%	0.2%	-0.3%	0.3%
70%	-0.1%	0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.1%	0.4%
80%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%	0.3%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.2%	0.0%	0.0%

Table 5A-D1.12.1-H. Sacramento River at Bend Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.3%	-0.2%	0.2%	-0.2%	-1.0%	-0.5%

Table 5A-D1.12.2-A. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.1	54.6	51.7	48.7	50.1	53.8	58.9	60.3	58.9	57.3	57.6	59.0
20%	56.4	54.2	51.0	48.2	49.3	53.2	58.0	59.2	58.1	56.4	56.6	58.2
30%	55.9	54.0	50.6	48.0	49.0	52.5	57.7	58.7	57.5	56.2	56.1	57.0
40%	55.4	53.8	50.4	47.7	48.4	52.2	57.4	58.2	57.2	55.7	55.5	56.1
50%	54.6	53.6	50.1	47.4	48.2	51.8	56.7	57.7	56.5	55.4	55.2	55.4
60%	54.3	53.4	49.8	47.1	47.9	51.1	56.1	57.4	56.1	55.0	54.8	55.1
70%	54.1	53.0	49.3	46.7	47.4	50.4	55.7	57.0	55.6	54.7	54.5	54.8
80%	53.6	52.6	48.8	46.4	46.9	49.6	54.4	56.6	55.1	54.4	54.3	54.0
90%	53.3	52.1	48.0	45.7	46.4	48.5	53.6	55.5	54.2	54.1	54.0	53.4

Table 5A-D1.12.2-B. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.2	53.5	50.0	47.4	48.2	51.4	56.4	57.9	56.7	55.5	55.6	56.2
Wet Water Years	54.0	53.4	50.3	46.9	47.1	49.7	54.9	57.7	57.1	55.3	54.8	54.3
Above Normal Water Years	54.1	53.4	49.8	47.2	47.8	51.1	56.4	57.7	56.8	55.4	54.9	54.4
Below Normal Water Years	55.3	53.5	50.0	47.2	48.5	51.9	57.3	57.6	56.0	55.0	55.0	56.4
Dry Water Years	55.3	53.0	50.0	47.8	48.8	52.6	57.3	57.9	55.3	55.1	55.8	56.9
Critical Water Years	58.8	54.4	49.3	48.2	49.8	53.2	57.2	58.7	58.4	57.3	58.6	60.7

Table 5A-D1.12.2-C. Sacramento River at Bend Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.3	-0.3	0.1
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.1	-0.1	0.0	0.0
30%	0.0	0.0	0.0	-0.1	0.1	-0.2	0.0	-0.1	0.0	0.0	0.0	0.0
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.1	-0.1	0.0	0.1	-0.1	0.1
50%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.1
60%	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.2
80%	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	0.1	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.0

Table 5A-D1.12.2-D. Sacramento River at Bend Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.1	0.0	0.0	0.0	-0.2	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.12.2-E. Sacramento River at Bend Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%	0.0%	-0.5%	-0.5%	0.2%
20%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.5%	0.0%	0.2%	-0.1%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.3%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%
40%	0.1%	0.0%	0.0%	0.2%	0.0%	0.1%	0.2%	-0.2%	0.1%	0.2%	-0.1%	0.1%
50%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.1%	-0.1%
60%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	-0.1%	0.1%	-0.3%	0.1%
70%	0.0%	0.1%	-0.1%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	-0.2%	0.4%
80%	-0.2%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.2%	0.1%	0.1%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.2%	0.0%	0.0%

Table 5A-D1.12.2-F. Sacramento River at Bend Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.3%	0.5%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.1%	0.0%
Critical Water Years	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.3%	-0.2%	0.2%	-0.2%	-1.0%	-0.5%

Table 5A-D1.12.3-A. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.2	54.6	51.8	48.7	50.0	53.8	58.9	60.4	58.9	57.3	57.6	59.0
20%	56.4	54.2	51.0	48.2	49.3	53.2	58.1	59.2	58.1	56.5	56.7	58.3
30%	55.9	54.0	50.6	48.0	49.0	52.5	57.7	58.7	57.5	56.2	56.1	57.0
40%	55.3	53.8	50.3	47.7	48.4	52.2	57.4	58.3	57.2	55.8	55.6	56.1
50%	54.6	53.6	50.1	47.4	48.2	51.8	56.9	57.7	56.5	55.4	55.2	55.5
60%	54.4	53.5	49.7	47.1	47.8	51.1	56.1	57.4	56.1	55.0	54.8	55.1
70%	54.0	53.0	49.3	46.7	47.4	50.4	55.7	57.0	55.6	54.7	54.5	54.8
80%	53.7	52.7	48.8	46.3	46.9	49.6	54.4	56.6	55.2	54.3	54.2	54.0
90%	53.3	52.1	48.0	45.7	46.4	48.5	53.6	55.5	54.2	54.1	54.0	53.4

Table 5A-D1.12.3-B. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.2	53.5	50.0	47.4	48.2	51.4	56.4	57.9	56.7	55.5	55.6	56.2
Wet Water Years	54.0	53.5	50.3	46.9	47.1	49.7	54.9	57.7	57.1	55.3	54.8	54.3
Above Normal Water Years	54.1	53.4	49.8	47.2	47.8	51.1	56.4	57.7	56.7	55.5	54.8	54.4
Below Normal Water Years	55.3	53.5	50.0	47.2	48.5	51.9	57.3	57.5	56.0	55.1	55.0	56.4
Dry Water Years	55.3	53.0	50.1	47.8	48.8	52.6	57.4	57.9	55.3	55.1	55.8	57.0
Critical Water Years	58.9	54.4	49.3	48.2	49.7	53.2	57.3	58.8	58.4	57.3	58.7	60.8

Table 5A-D1.12.3-C. Sacramento River at Bend Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.3	-0.2	0.2
20%	0.0	0.1	-0.1	0.0	0.0	0.0	-0.2	0.0	0.1	-0.1	0.0	0.0
30%	0.0	0.0	0.0	-0.1	0.1	-0.2	-0.1	-0.1	0.0	0.0	0.0	0.0
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.1
50%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	-0.1	0.0
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.2
80%	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.0

Table 5A-D1.12.3-D. Sacramento River at Bend Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.3
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.12.3-E. Sacramento River at Bend Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	0.3%	0.0%	-0.1%	0.1%	-0.2%	0.0%	0.0%	-0.6%	-0.4%	0.3%
20%	0.0%	0.1%	-0.1%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.1%	-0.1%	0.0%	0.1%
30%	-0.1%	0.0%	-0.1%	-0.2%	0.2%	-0.4%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%
40%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.3%	0.0%	0.1%
50%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.3%	0.0%	0.1%	0.1%	-0.1%	-0.1%
60%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.3%	0.1%
70%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.1%	0.4%
80%	-0.1%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.2%	-0.1%	0.1%
90%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.2%	0.0%	0.0%

Table 5A-D1.12.3-F. Sacramento River at Bend Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.2%	0.1%	0.0%	0.1%	-0.1%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-0.9%	-0.3%

Table 5A-D1.12.4-A. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.3	54.6	51.8	48.7	50.0	53.8	59.0	60.3	58.8	57.3	57.6	59.0
20%	56.3	54.2	50.9	48.2	49.3	53.2	58.1	59.2	58.1	56.5	56.7	58.2
30%	55.9	54.0	50.6	48.0	49.0	52.5	57.7	58.7	57.6	56.2	55.9	57.0
40%	55.4	53.8	50.3	47.7	48.4	52.2	57.3	58.3	57.2	55.8	55.6	56.0
50%	54.6	53.6	50.1	47.4	48.2	51.8	56.7	57.7	56.5	55.5	55.2	55.4
60%	54.4	53.5	49.8	47.2	47.7	51.1	56.1	57.4	56.2	55.1	54.9	55.0
70%	54.0	53.0	49.3	46.7	47.4	50.4	55.7	57.0	55.6	54.8	54.6	54.7
80%	53.7	52.7	48.8	46.3	46.9	49.6	54.4	56.6	55.2	54.4	54.3	54.0
90%	53.2	52.1	48.0	45.7	46.5	48.5	53.6	55.5	54.2	54.1	53.9	53.4

Table 5A-D1.12.4-B. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.2	53.5	50.0	47.4	48.2	51.4	56.4	57.9	56.7	55.6	55.6	56.2
Wet Water Years	54.0	53.5	50.3	46.9	47.1	49.7	54.9	57.7	57.1	55.4	54.8	54.3
Above Normal Water Years	54.1	53.4	49.8	47.2	47.8	51.1	56.4	57.7	56.7	55.5	54.8	54.4
Below Normal Water Years	55.2	53.4	50.0	47.2	48.4	51.9	57.3	57.5	56.0	55.1	55.0	56.4
Dry Water Years	55.3	53.0	50.1	47.8	48.8	52.6	57.3	57.9	55.4	55.1	55.9	56.8
Critical Water Years	58.8	54.4	49.3	48.2	49.7	53.2	57.3	58.7	58.4	57.3	58.5	60.6

Table 5A-D1.12.4-C. Sacramento River at Bend Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	-0.3	-0.2	0.1
20%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.1	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.1	-0.2	-0.1	0.0	0.1	0.0	-0.1	0.0
40%	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.2	0.0	0.0
50%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1
60%	0.0	0.1	0.1	0.0	-0.2	0.0	-0.1	0.0	0.1	0.2	-0.1	-0.1
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.2
80%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.0

Table 5A-D1.12.4-D. Sacramento River at Bend Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.1	-0.1
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.2	-0.7	-0.3

Table 5A-D1.12.4-E. Sacramento River at Bend Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.0%	0.3%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.0%	-0.6%	-0.4%	0.1%
20%	-0.1%	0.1%	-0.2%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.2%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.4%	-0.1%	-0.1%	0.2%	0.0%	-0.2%	0.0%
40%	0.2%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	0.0%	0.0%
50%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.2%	-0.2%
60%	-0.1%	0.1%	0.1%	0.1%	-0.4%	0.0%	-0.1%	-0.1%	0.2%	0.3%	-0.2%	-0.1%
70%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.3%	-0.1%	0.3%
80%	-0.1%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.2%	0.0%	0.1%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.2%	0.0%	0.0%

Table 5A-D1.12.4-F. Sacramento River at Bend Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%
Wet Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.4%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.2%	0.1%	0.2%	-0.2%
Critical Water Years	0.0%	0.2%	0.1%	0.1%	0.0%	0.1%	-0.1%	-0.2%	0.3%	-0.3%	-1.1%	-0.5%

Table 5A-D1.12.5-A. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.2	54.6	51.8	48.7	50.0	53.8	58.9	60.4	58.9	57.3	57.6	59.1
20%	56.4	54.2	51.0	48.2	49.3	53.2	58.1	59.2	58.1	56.5	56.7	58.3
30%	55.9	54.0	50.6	48.0	49.0	52.5	57.7	58.7	57.5	56.1	56.1	57.0
40%	55.3	53.8	50.3	47.7	48.4	52.2	57.4	58.3	57.2	55.8	55.6	56.1
50%	54.7	53.6	50.1	47.4	48.2	51.8	56.9	57.7	56.5	55.4	55.2	55.4
60%	54.4	53.5	49.7	47.1	47.8	51.1	56.1	57.4	56.0	55.0	54.8	55.1
70%	54.0	53.0	49.3	46.7	47.4	50.4	55.7	57.0	55.6	54.7	54.5	54.8
80%	53.6	52.7	48.8	46.3	46.9	49.6	54.4	56.6	55.2	54.4	54.2	54.1
90%	53.3	52.1	48.0	45.7	46.4	48.5	53.6	55.5	54.2	54.1	54.0	53.4

Table 5A-D1.12.5-B. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.2	53.5	50.0	47.4	48.2	51.4	56.4	57.9	56.7	55.5	55.6	56.2
Wet Water Years	54.0	53.5	50.3	46.9	47.1	49.7	54.9	57.7	57.1	55.3	54.8	54.3
Above Normal Water Years	54.1	53.4	49.8	47.2	47.8	51.1	56.4	57.7	56.7	55.4	54.8	54.5
Below Normal Water Years	55.3	53.5	50.0	47.2	48.5	51.9	57.3	57.5	56.0	55.1	55.0	56.4
Dry Water Years	55.3	53.0	50.1	47.8	48.8	52.6	57.4	57.9	55.3	55.1	55.8	57.0
Critical Water Years	58.9	54.4	49.3	48.2	49.7	53.2	57.3	58.8	58.4	57.3	58.7	60.8

Table 5A-D1.12.5-C. Sacramento River at Bend Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.3	-0.2	0.2
20%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0
30%	0.0	0.0	0.0	-0.1	0.1	-0.2	-0.1	-0.1	0.0	0.0	0.0	0.0
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.1	-0.2	0.1
70%	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.2
80%	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.0

Table 5A-D1.12.5-D. Sacramento River at Bend Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.12.5-E. Sacramento River at Bend Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	0.3%	0.0%	-0.1%	0.1%	-0.2%	0.0%	0.0%	-0.6%	-0.4%	0.3%
20%	0.0%	0.1%	-0.1%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.1%	-0.1%	0.0%	0.1%
30%	-0.1%	0.0%	-0.1%	-0.1%	0.2%	-0.4%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%
40%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.3%	0.0%	0.1%
50%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.3%	0.0%	0.1%	0.1%	-0.1%	-0.1%
60%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.3%	0.1%
70%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.2%	0.4%
80%	-0.2%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.2%	-0.1%	0.2%
90%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	0.0%

Table 5A-D1.12.5-F. Sacramento River at Bend Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%
Critical Water Years	0.2%	0.2%	0.0%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-0.9%	-0.3%

Figure 5A-D1.12.1. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

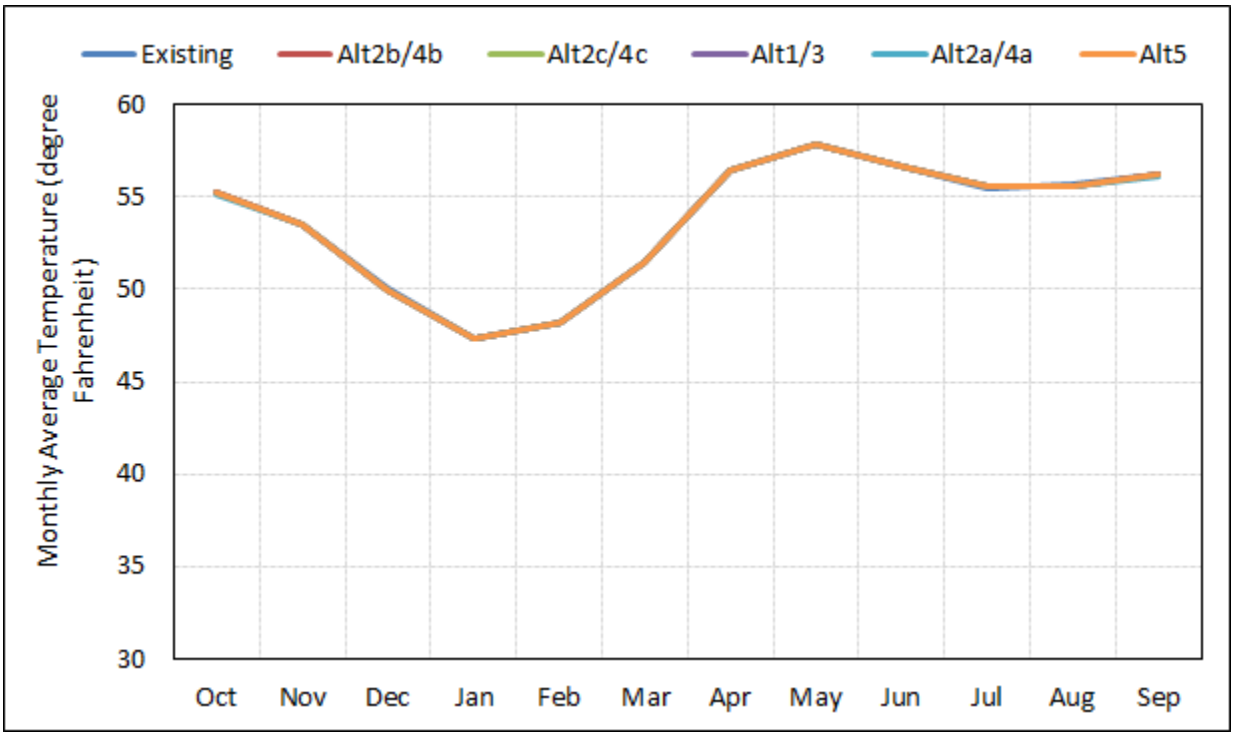


Figure 5A-D1.12.2. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

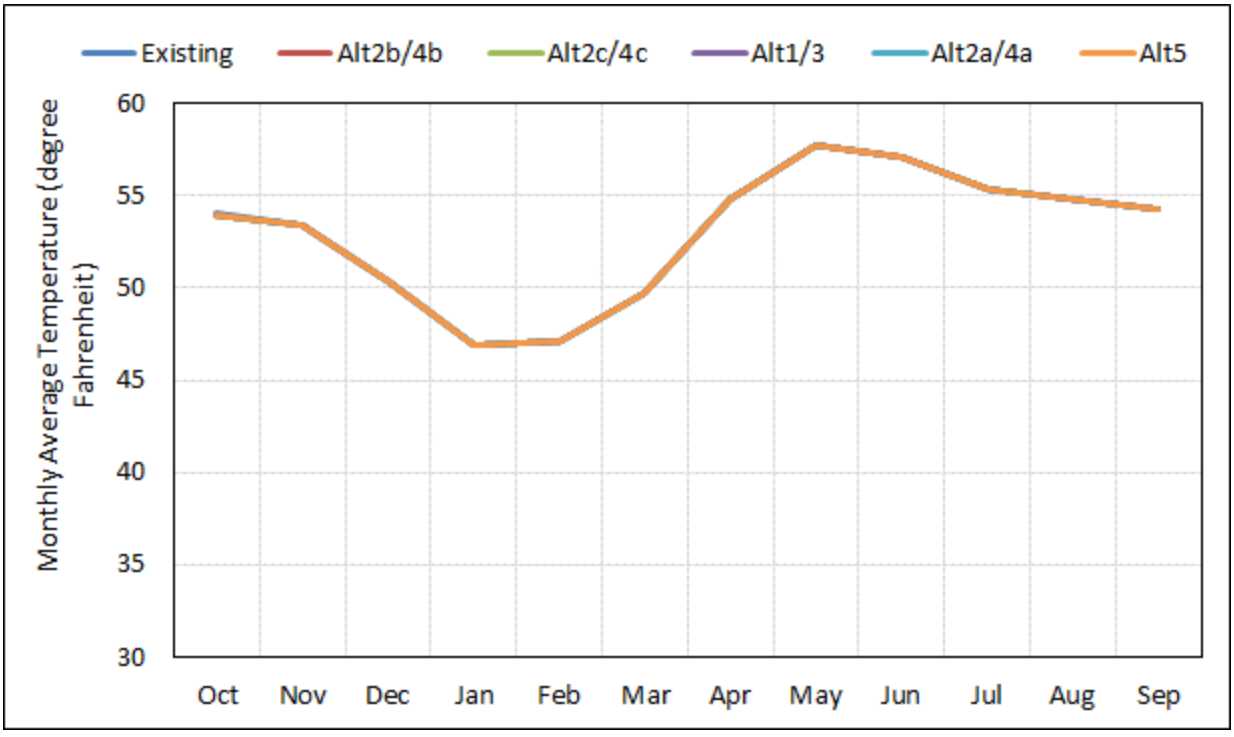


Figure 5A-D1.12.3. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

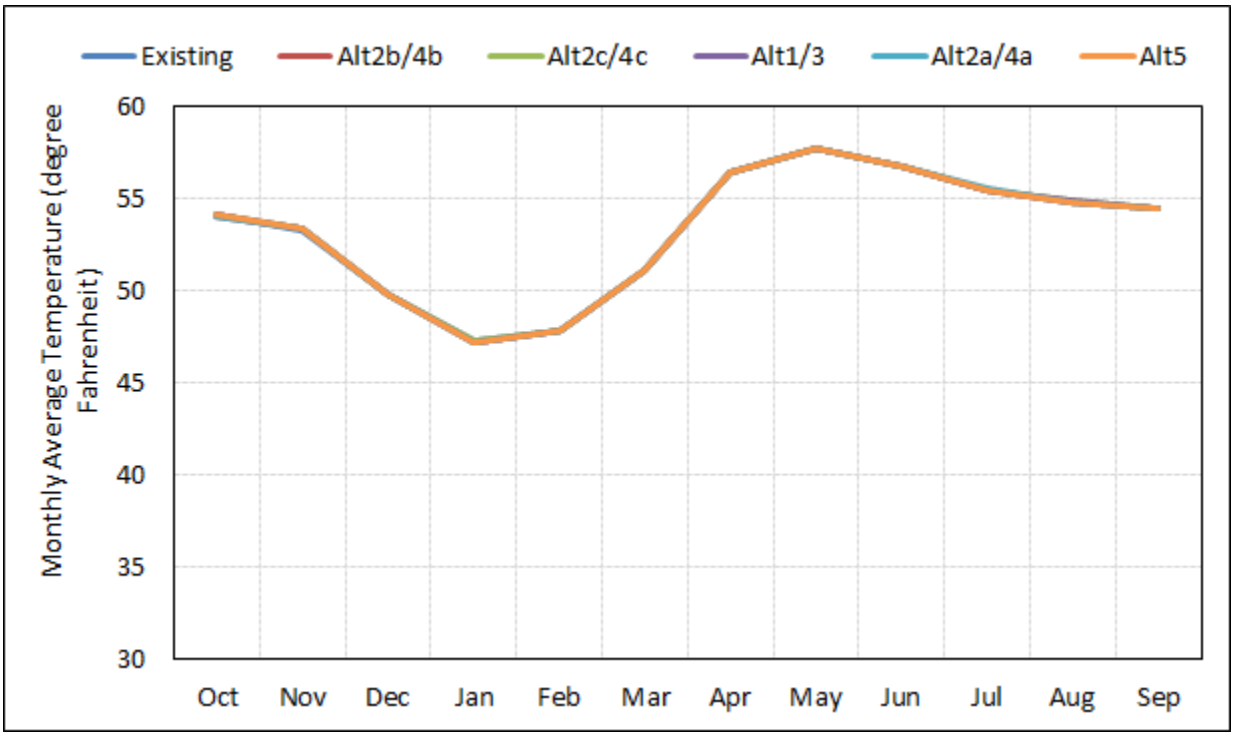


Figure 5A-D1.12.4. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

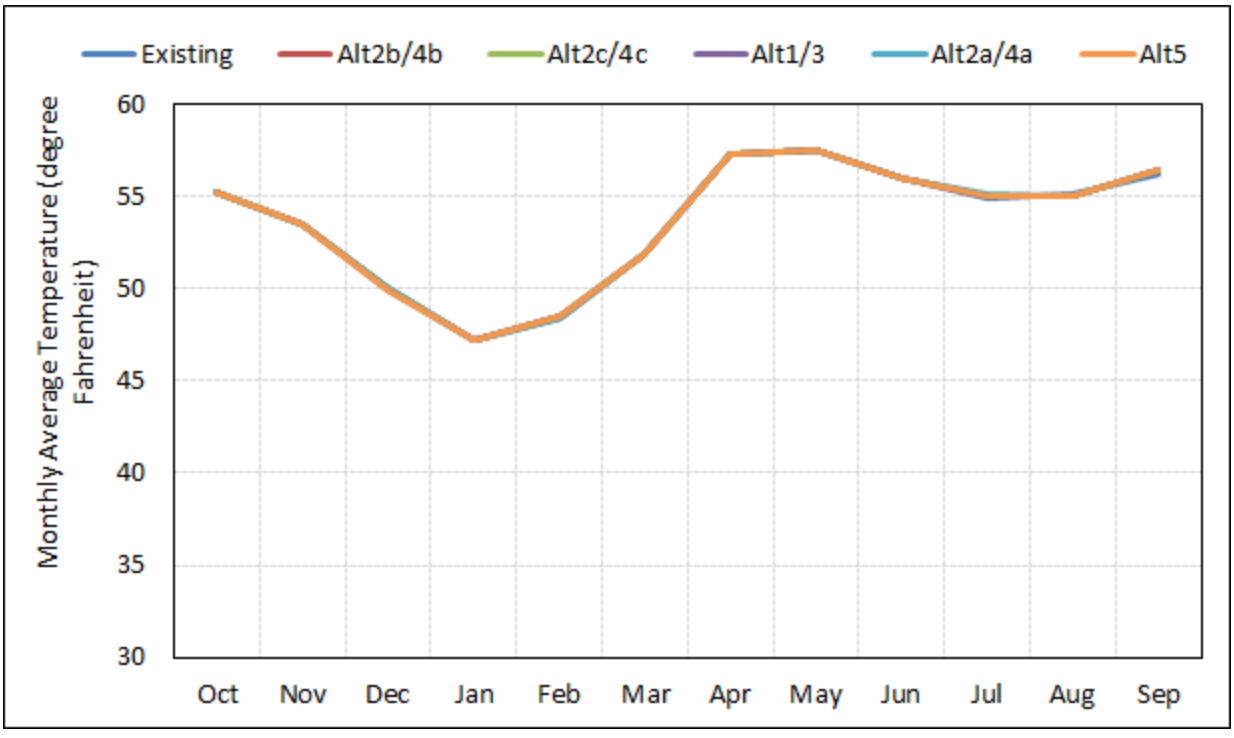


Figure 5A-D1.12.5. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

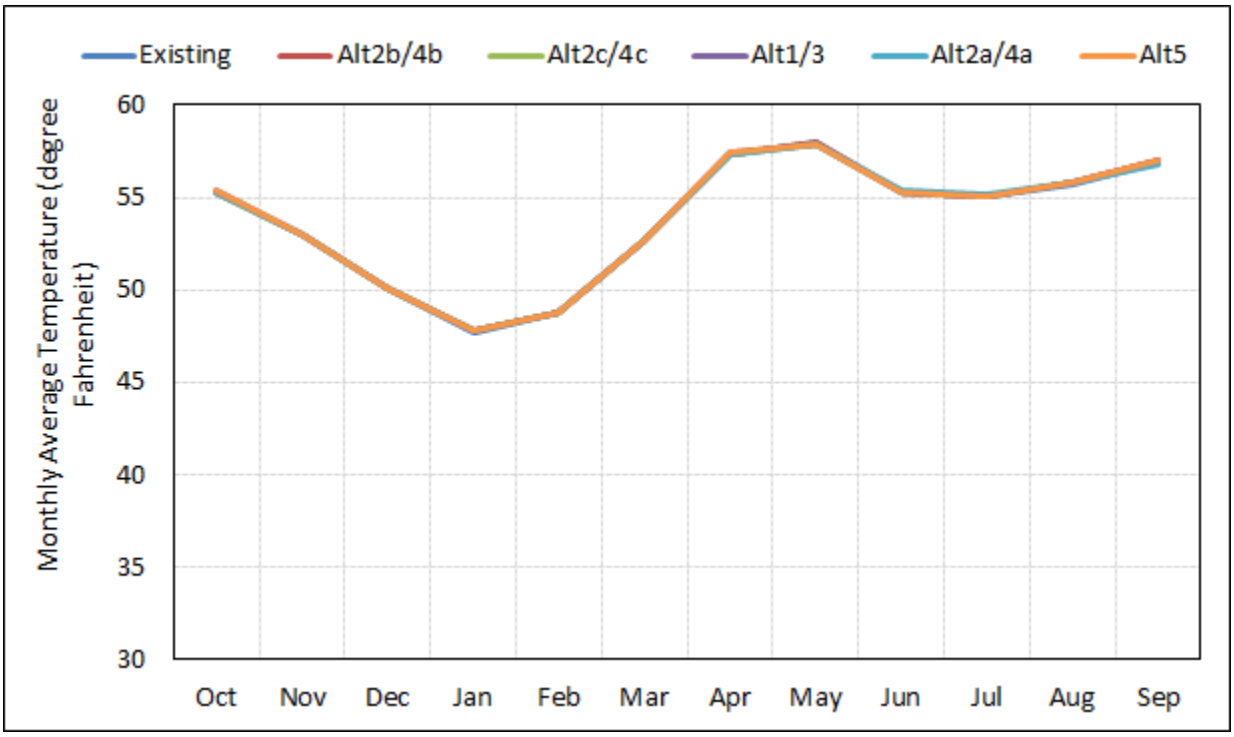


Figure 5A-D1.12.6. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

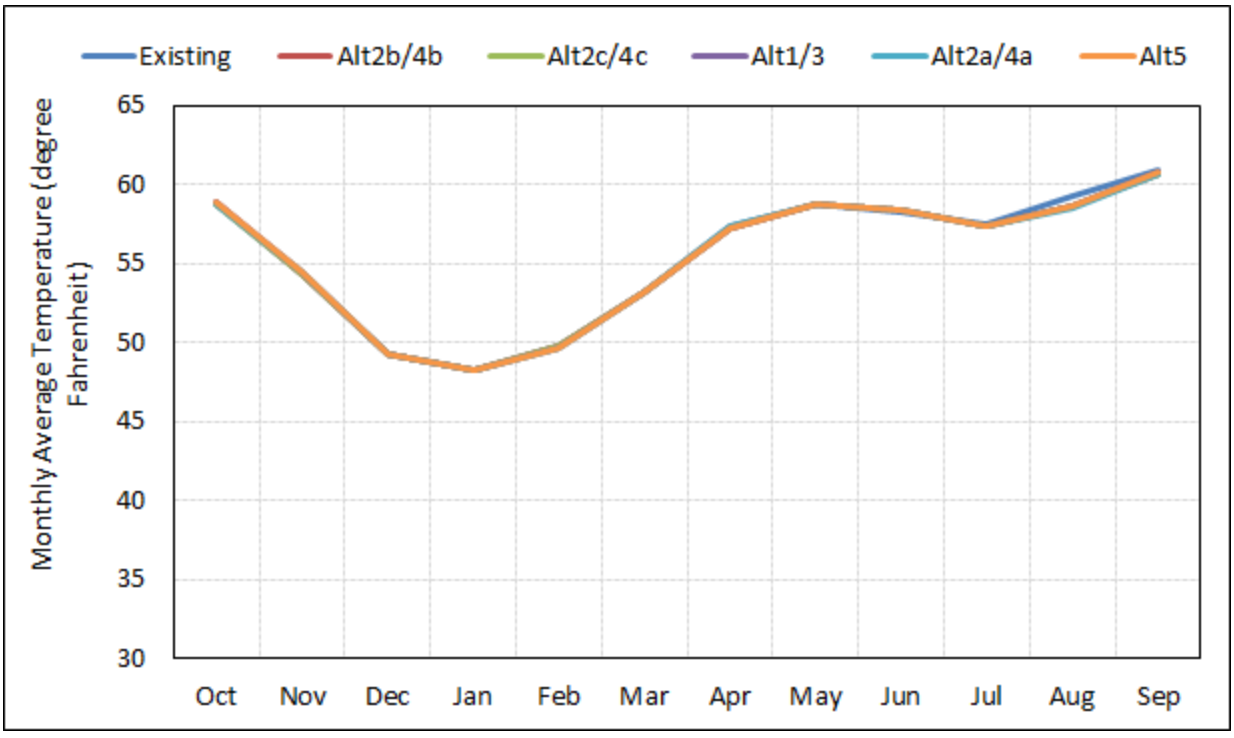


Figure 5A-D1.12.7. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

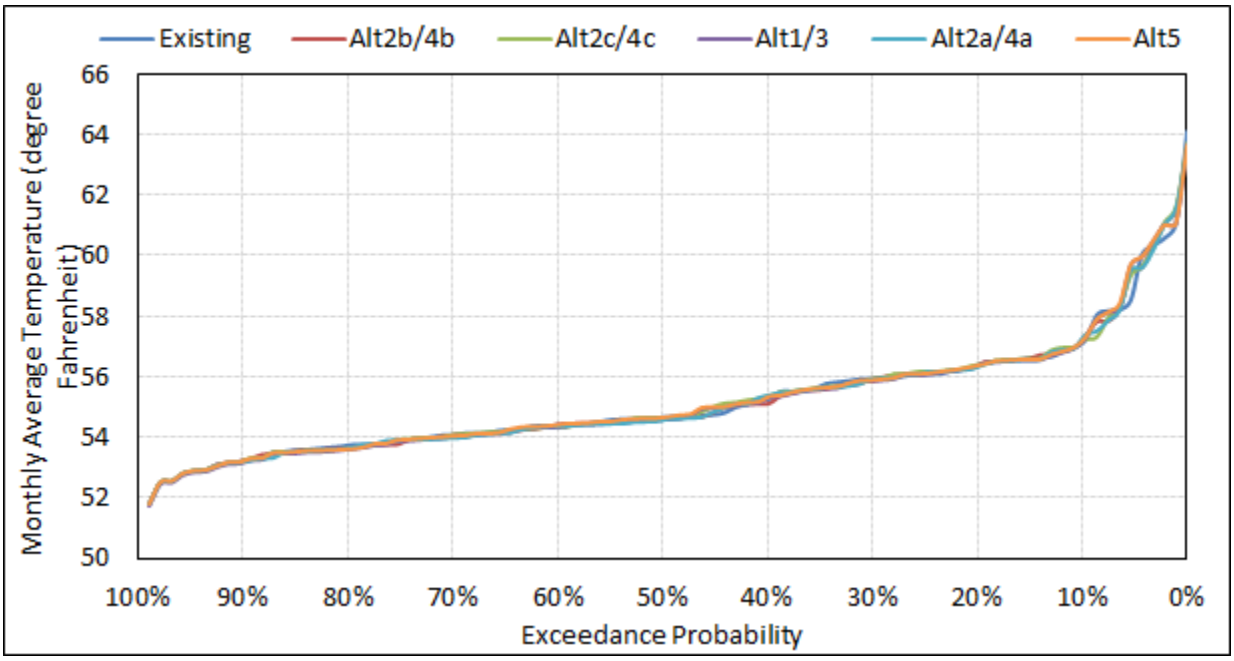


Figure 5A-D1.12.8. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

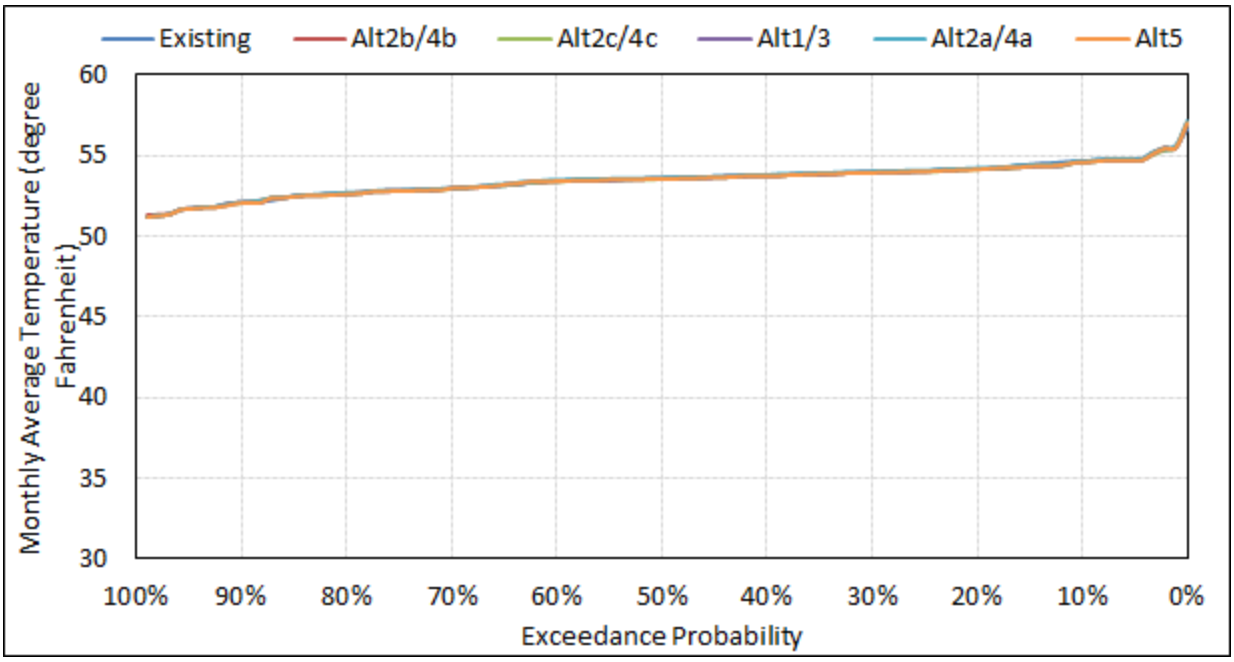


Figure 5A-D1.12.9. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

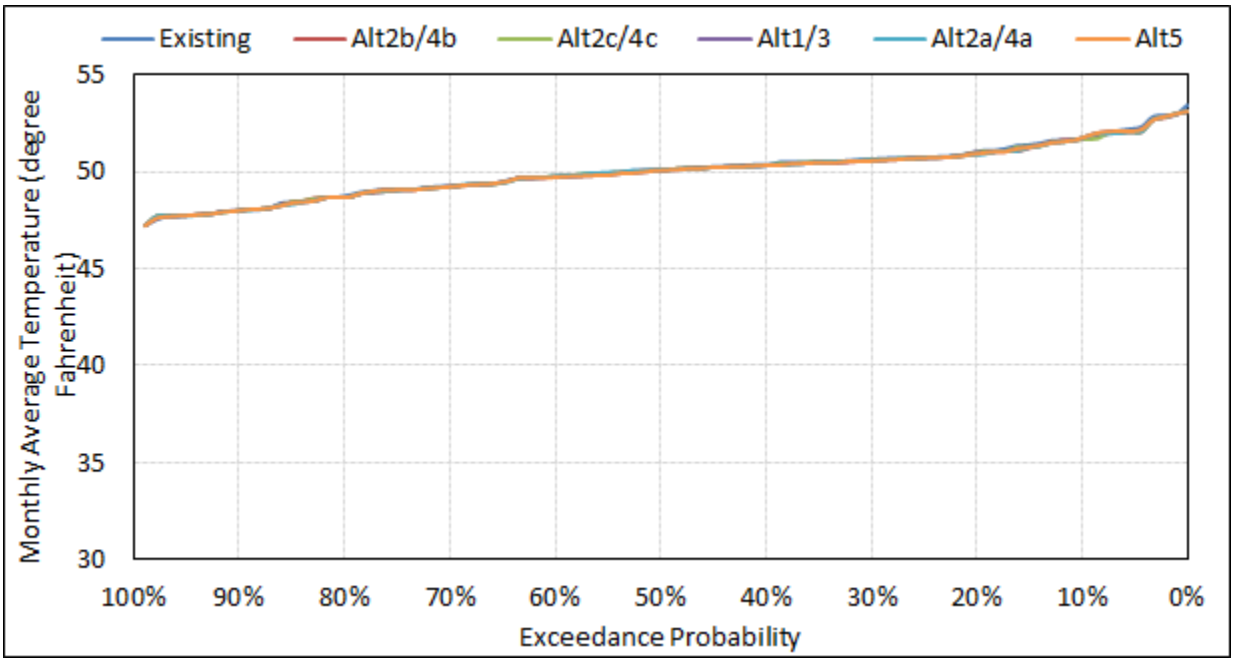


Figure 5A-D1.12.10. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

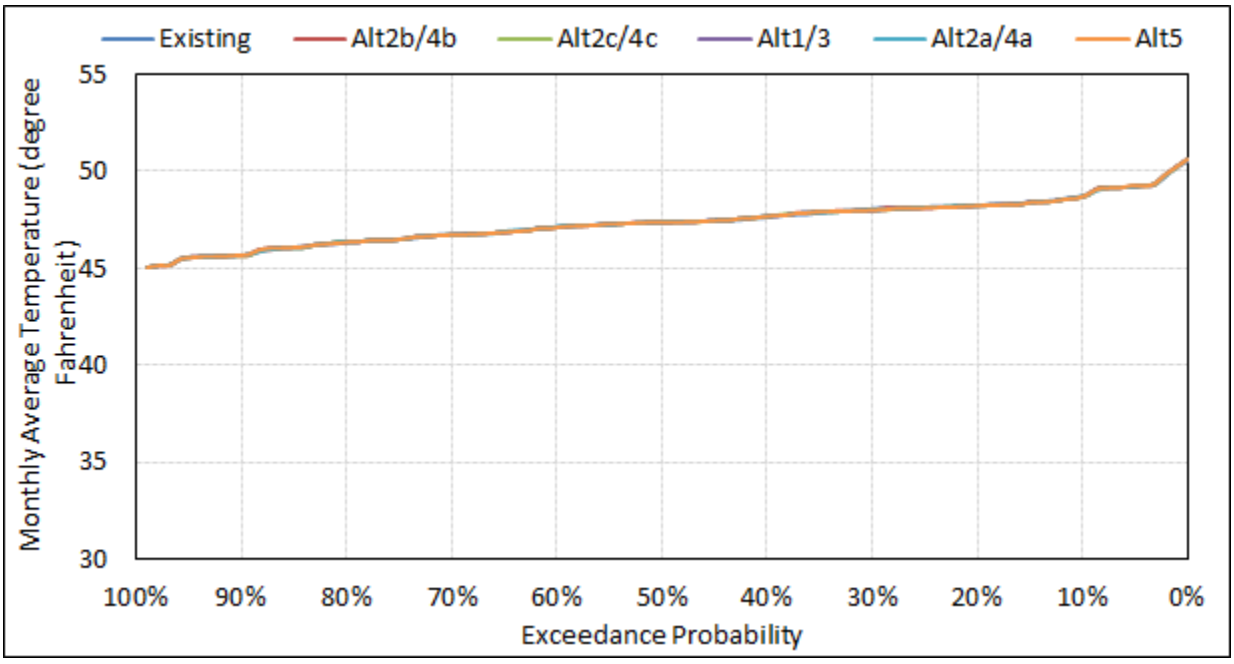


Figure 5A-D1.12.11. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

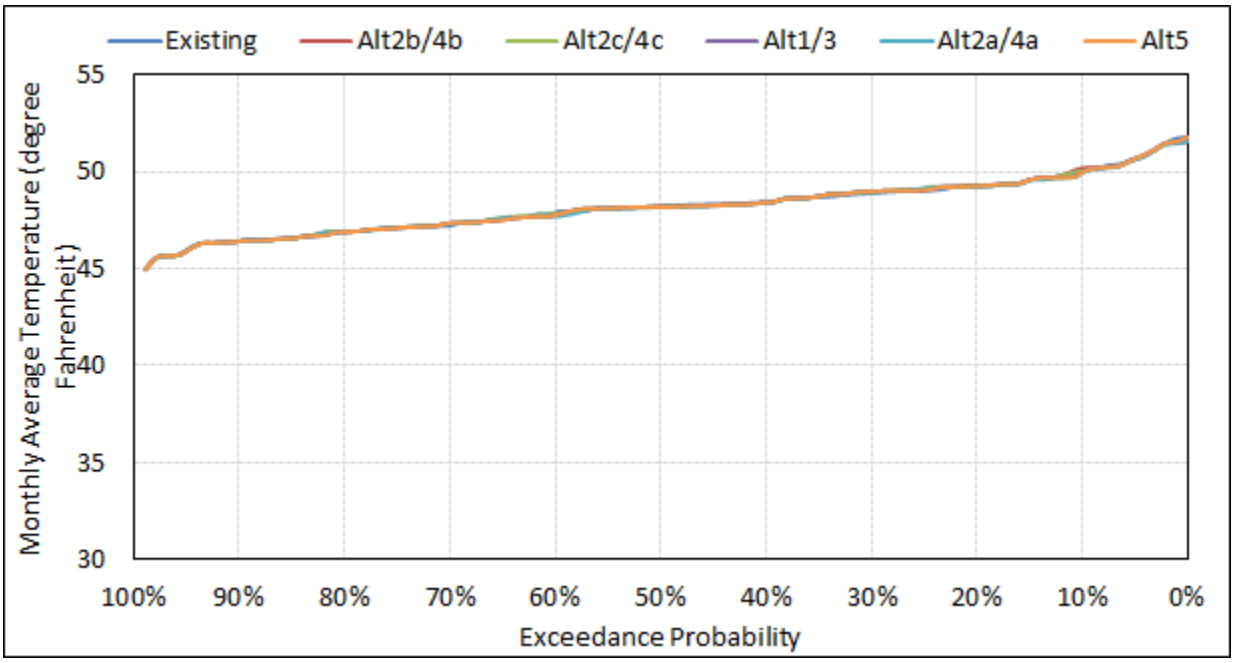


Figure 5A-D1.12.12. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

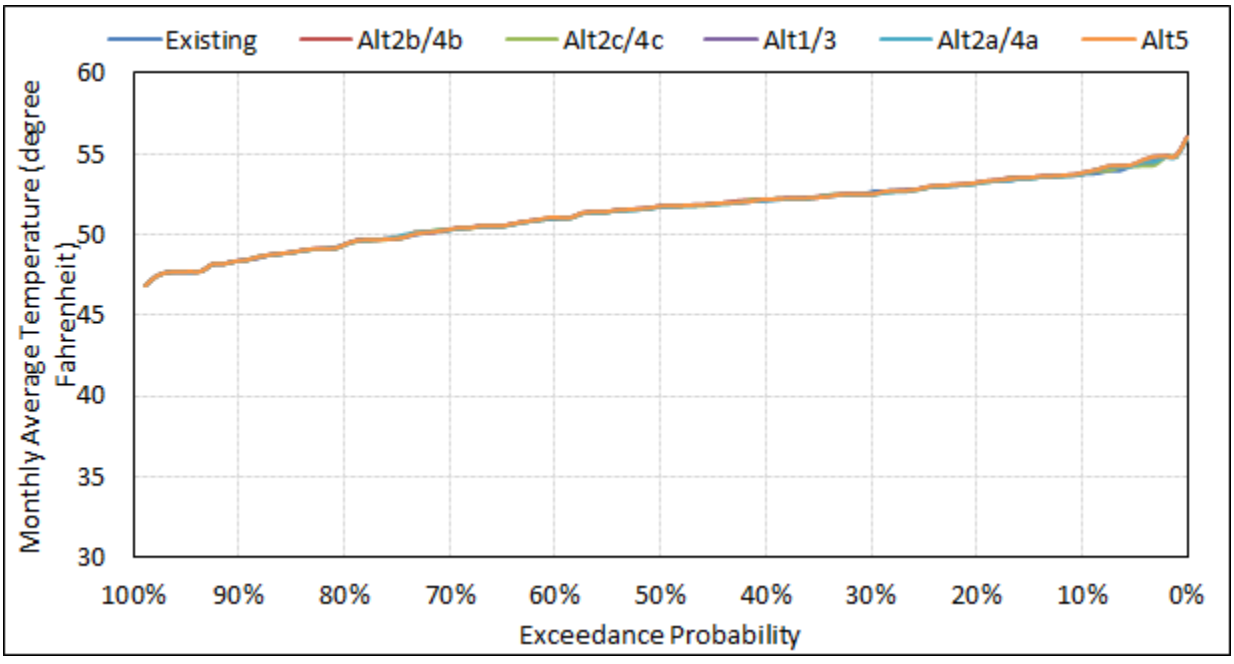


Figure 5A-D1.12.13. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

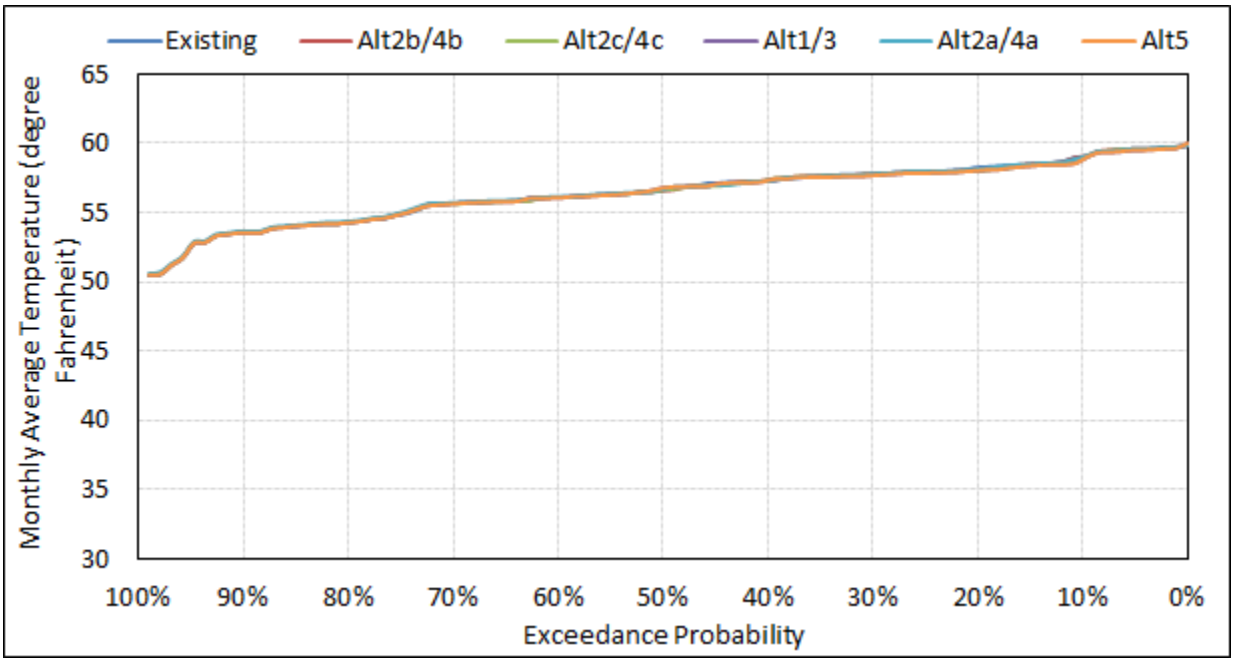


Figure 5A-D1.12.14. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

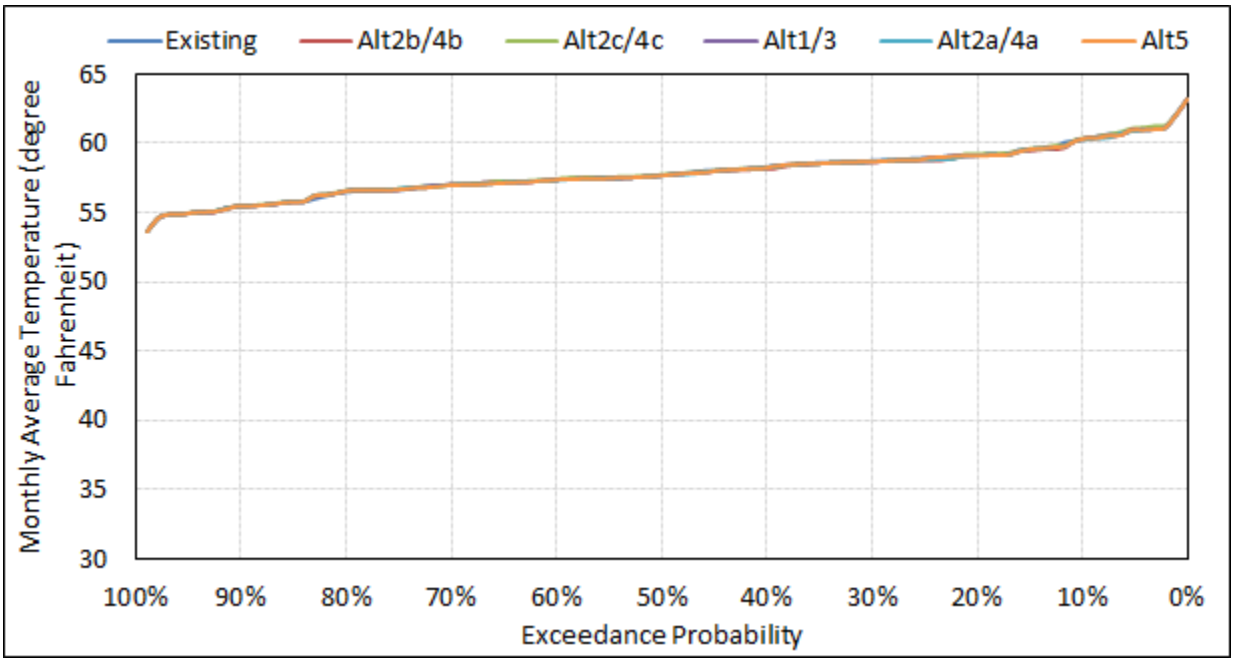


Figure 5A-D1.12.15. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

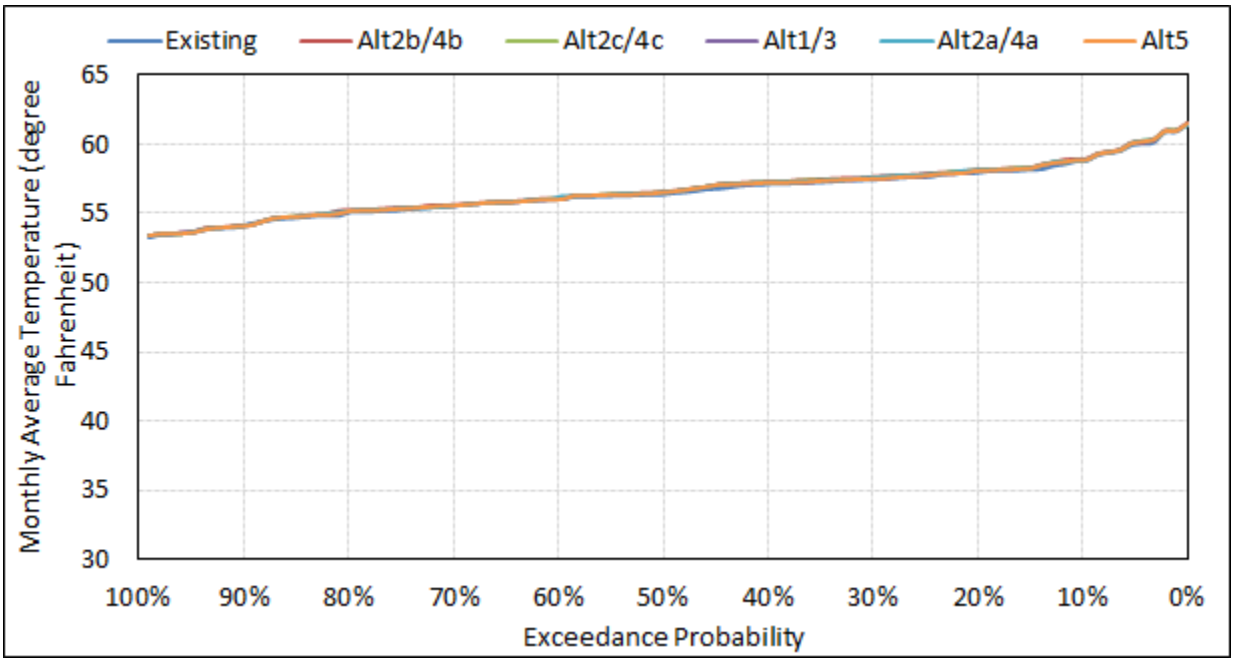


Figure 5A-D1.12.16. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

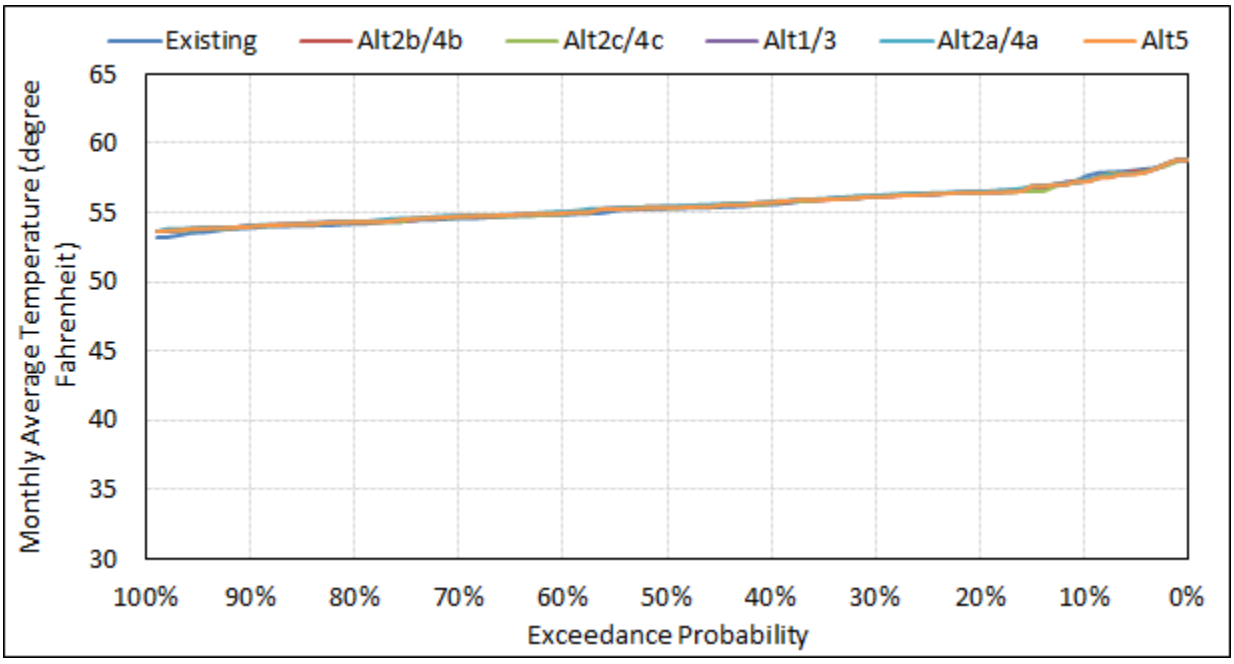


Figure 5A-D1.12.17. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

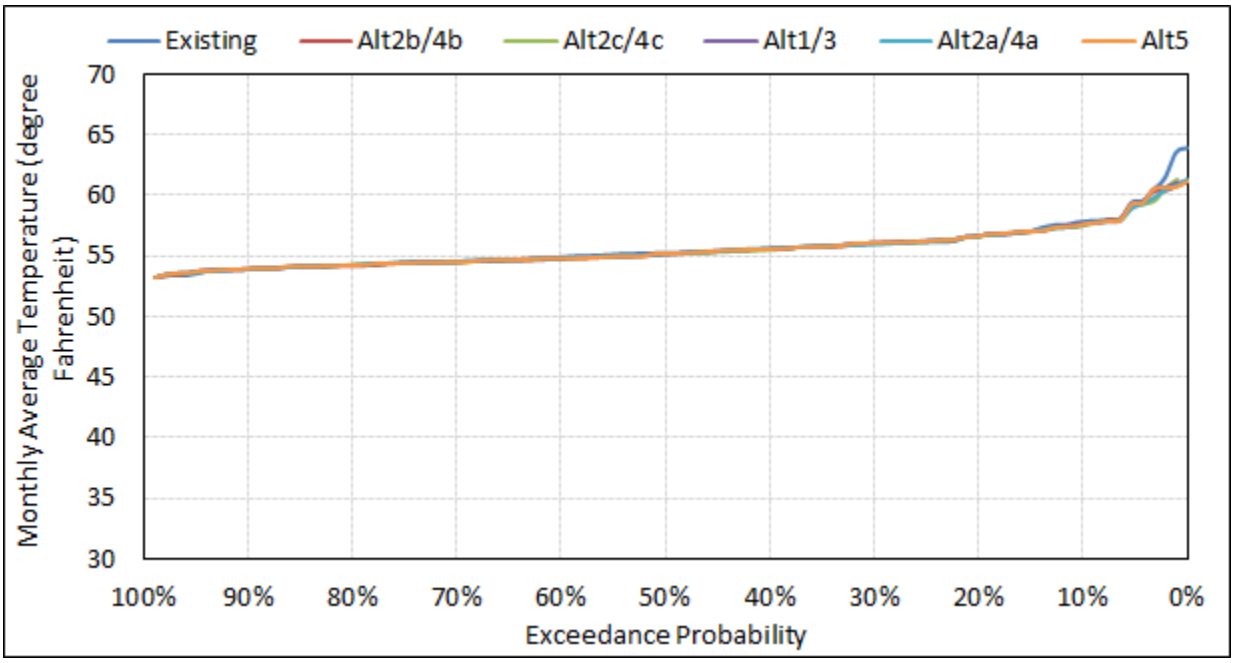


Figure 5A-D1.12.18. Sacramento River at Bend Bridge, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

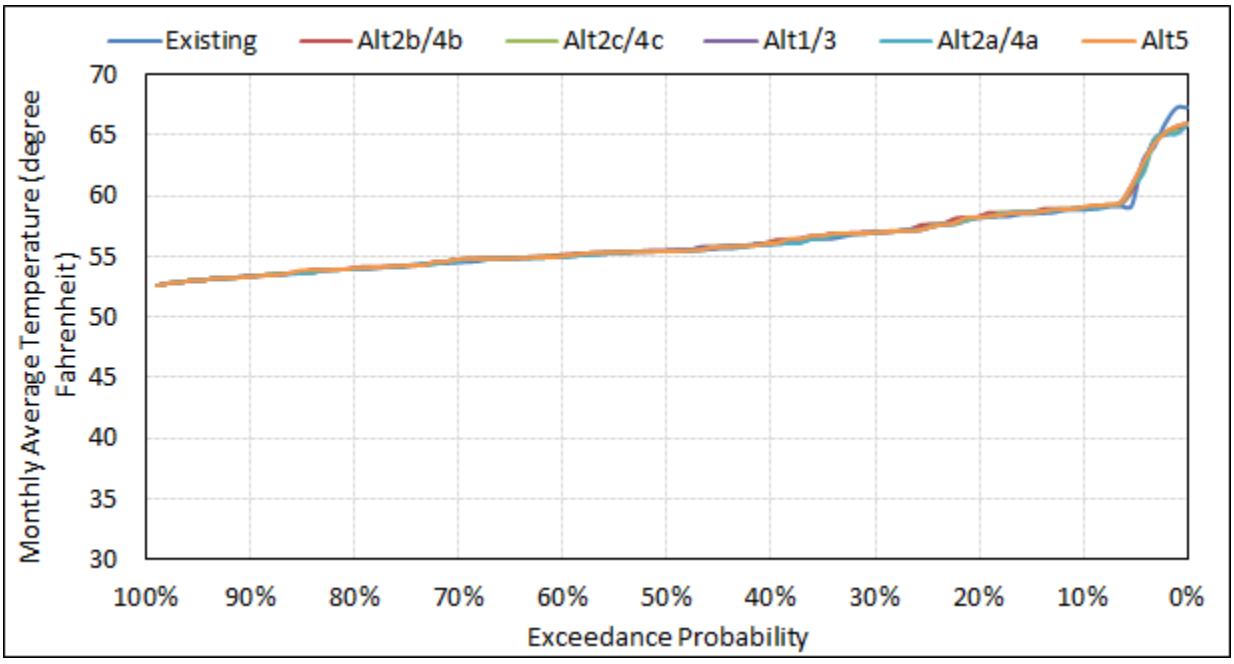
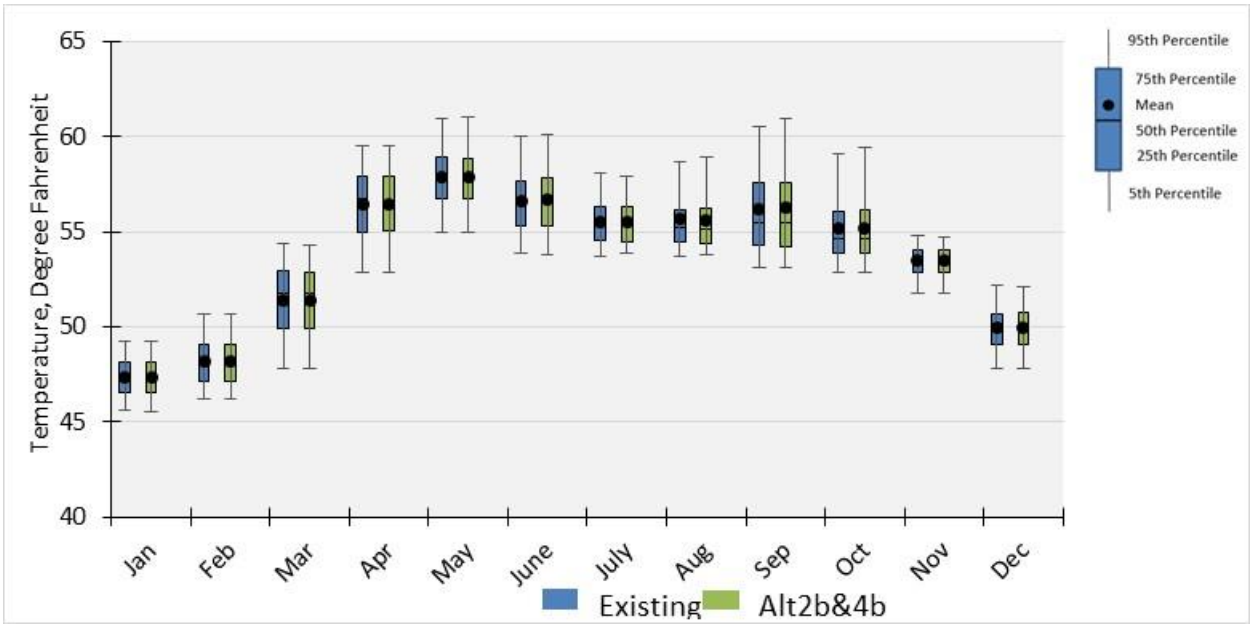


Figure 5A-D1.12.19. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



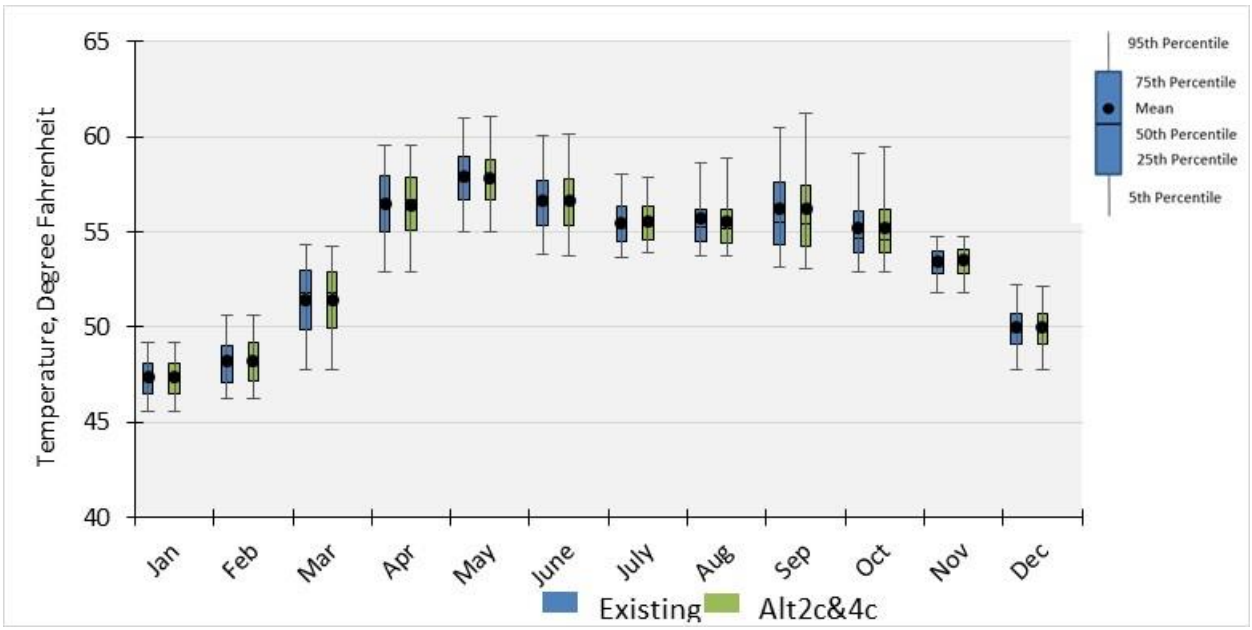
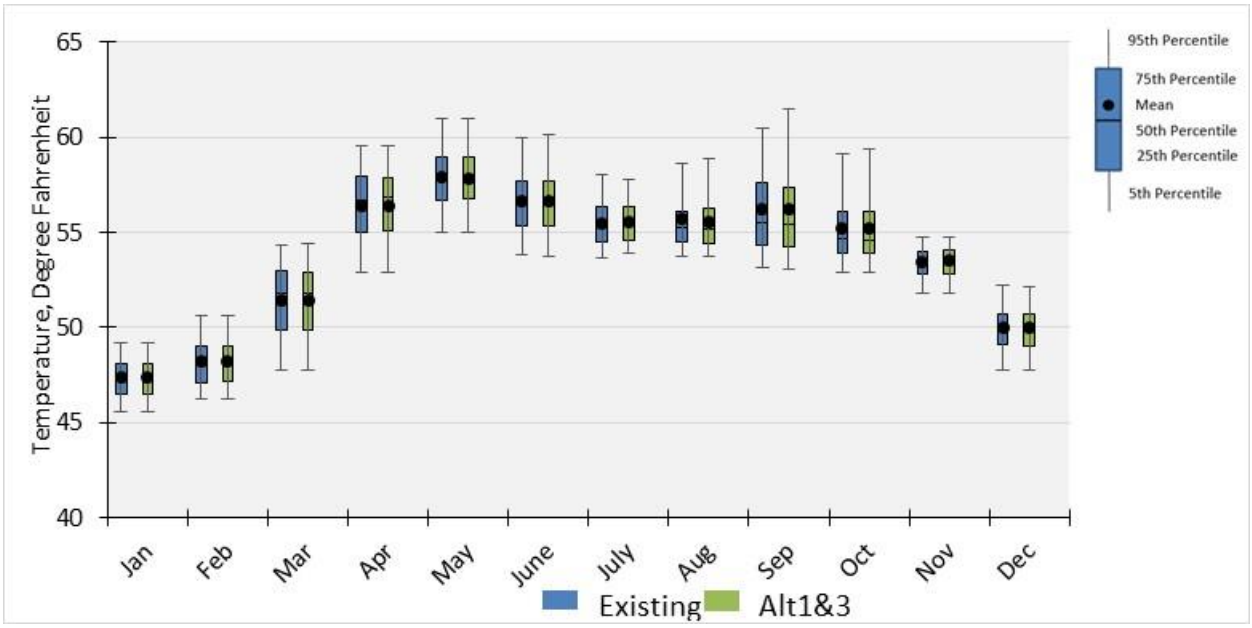


Figure 5A-D1.12.20. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



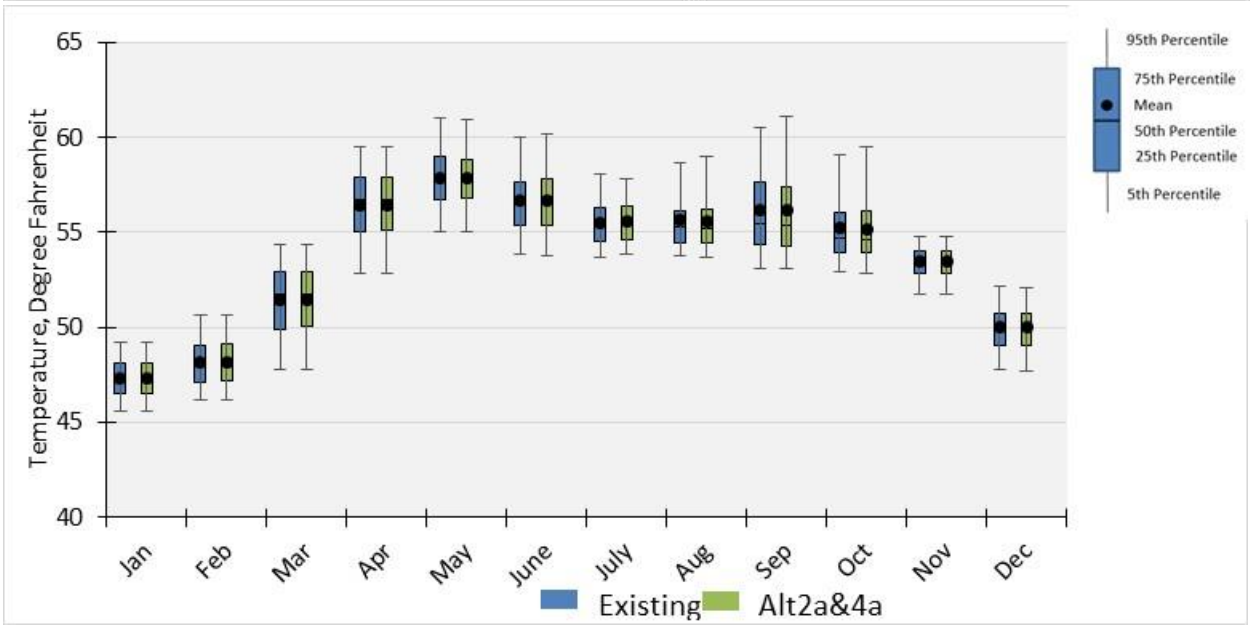


Figure 5A-D1.12.21. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

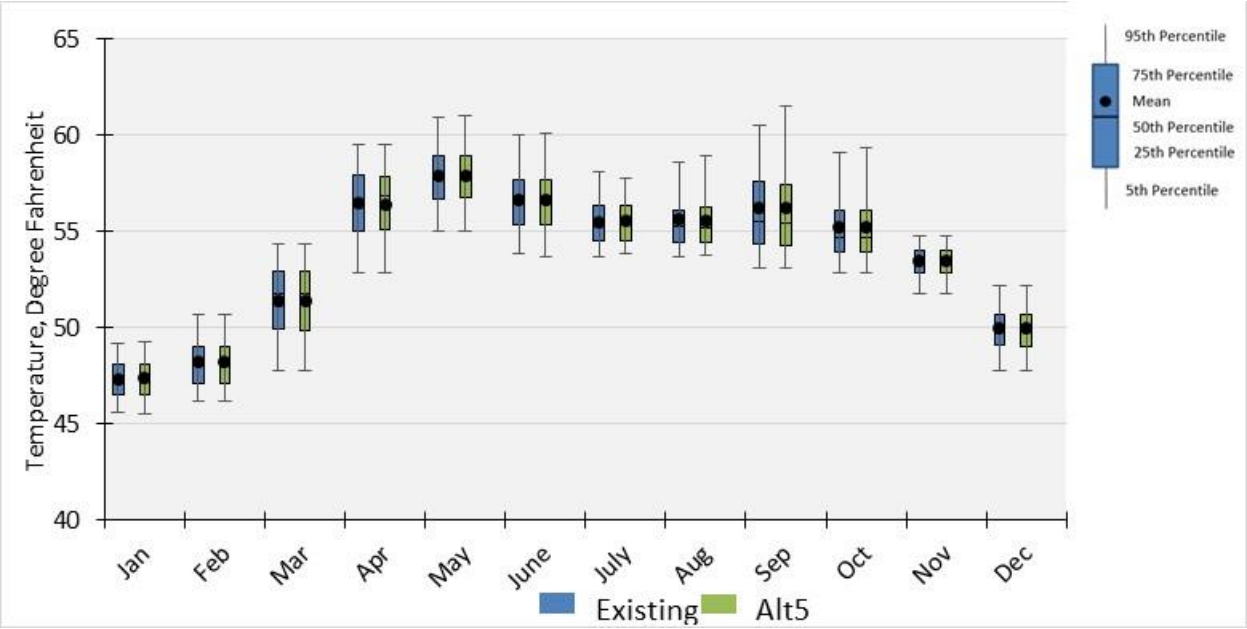
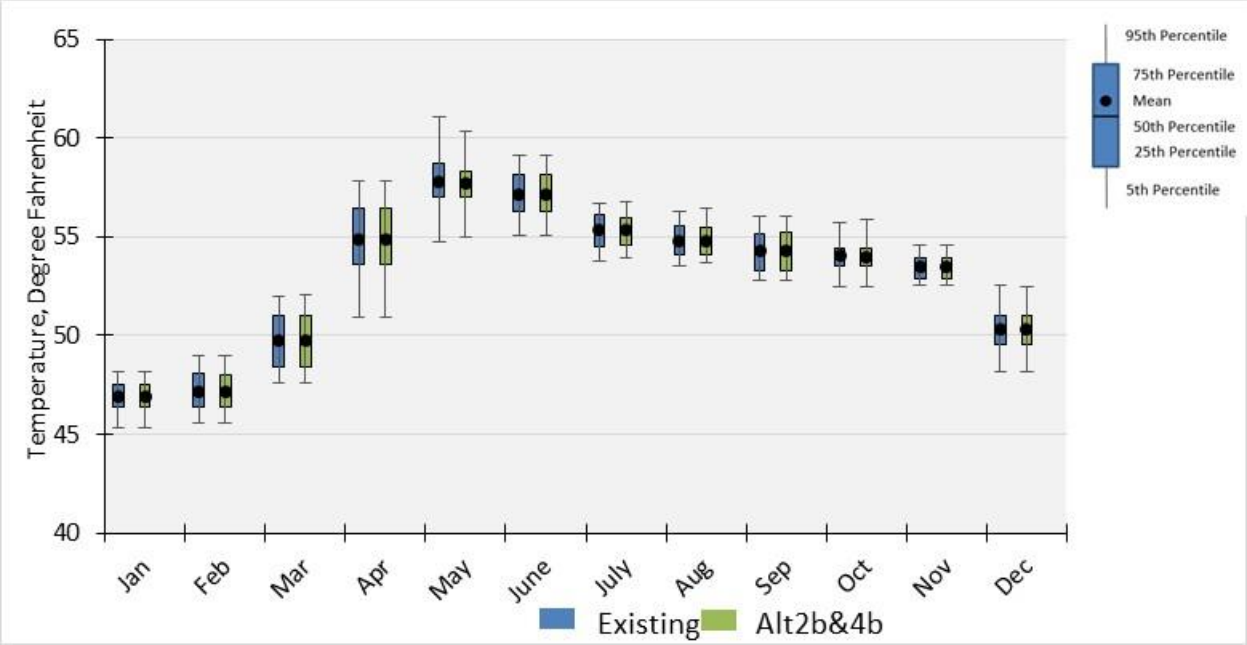


Figure 5A-D1.12.22. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



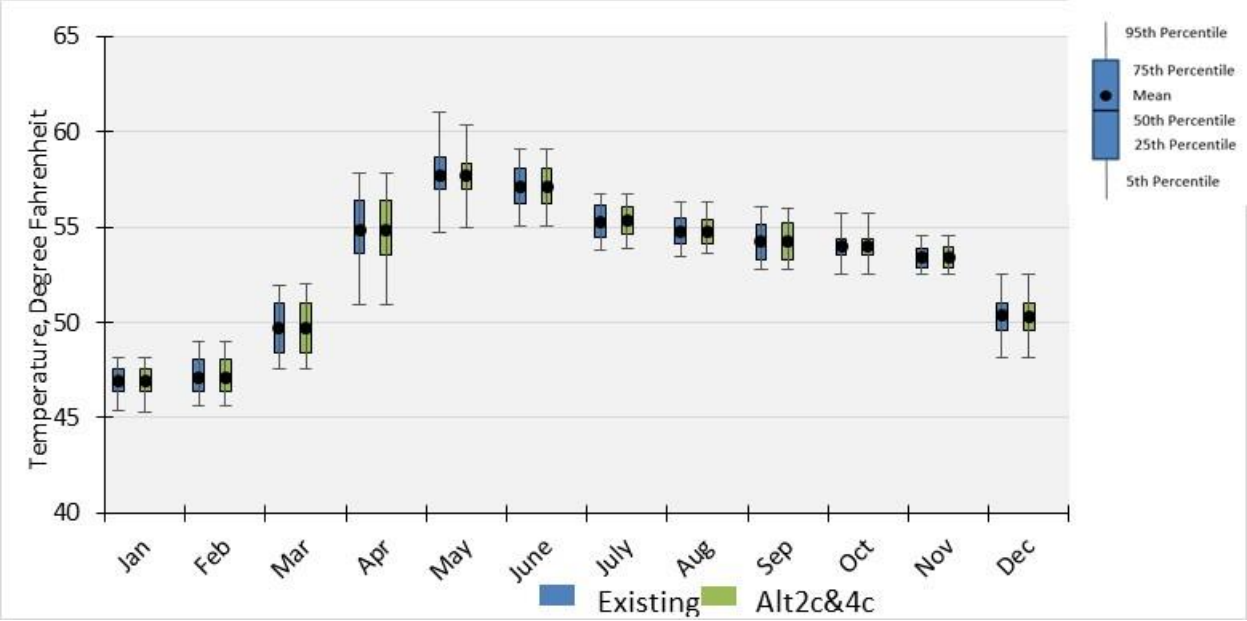


Figure 5A-D1.12.23. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

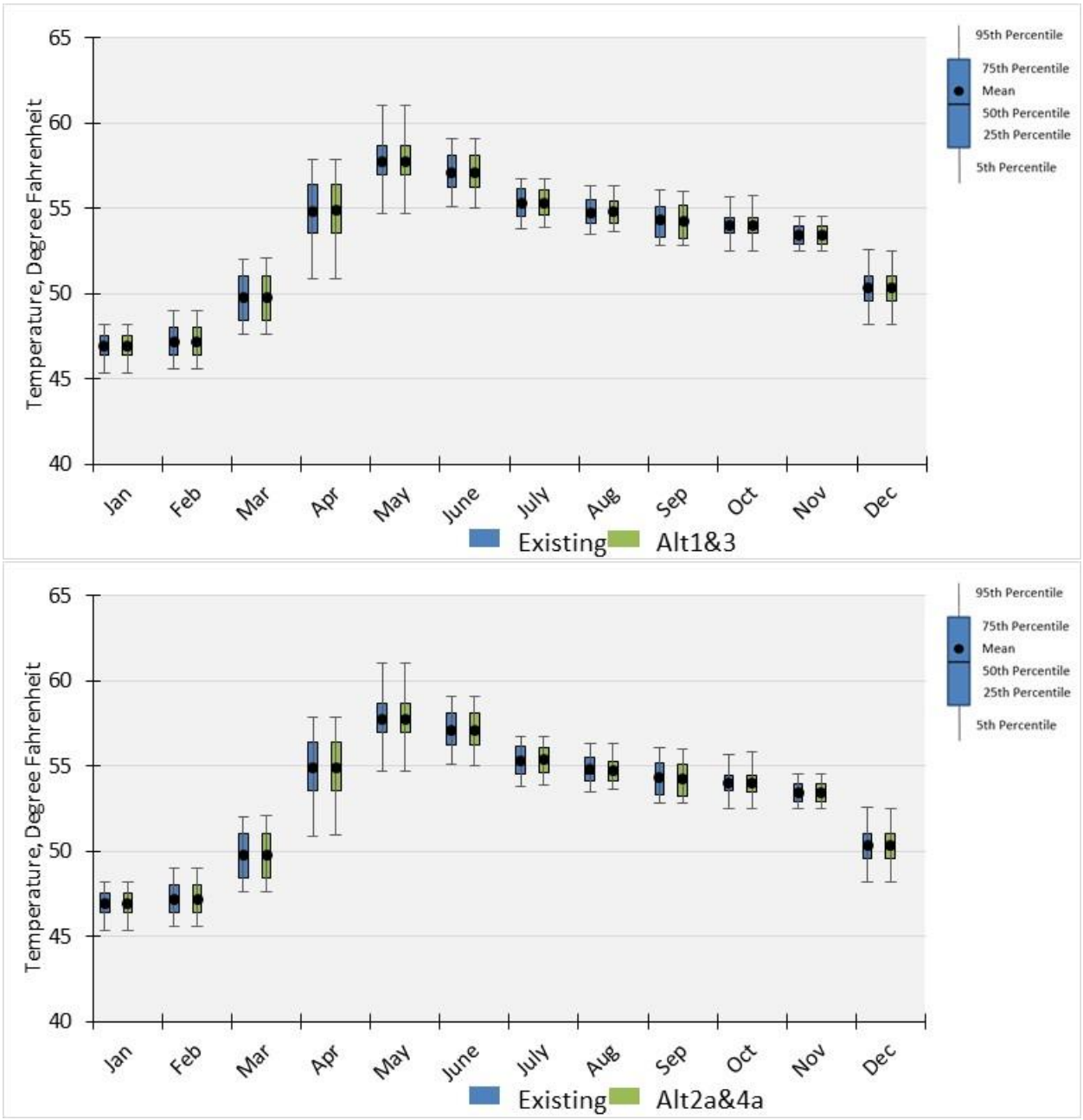


Figure 5A-D1.12.24. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

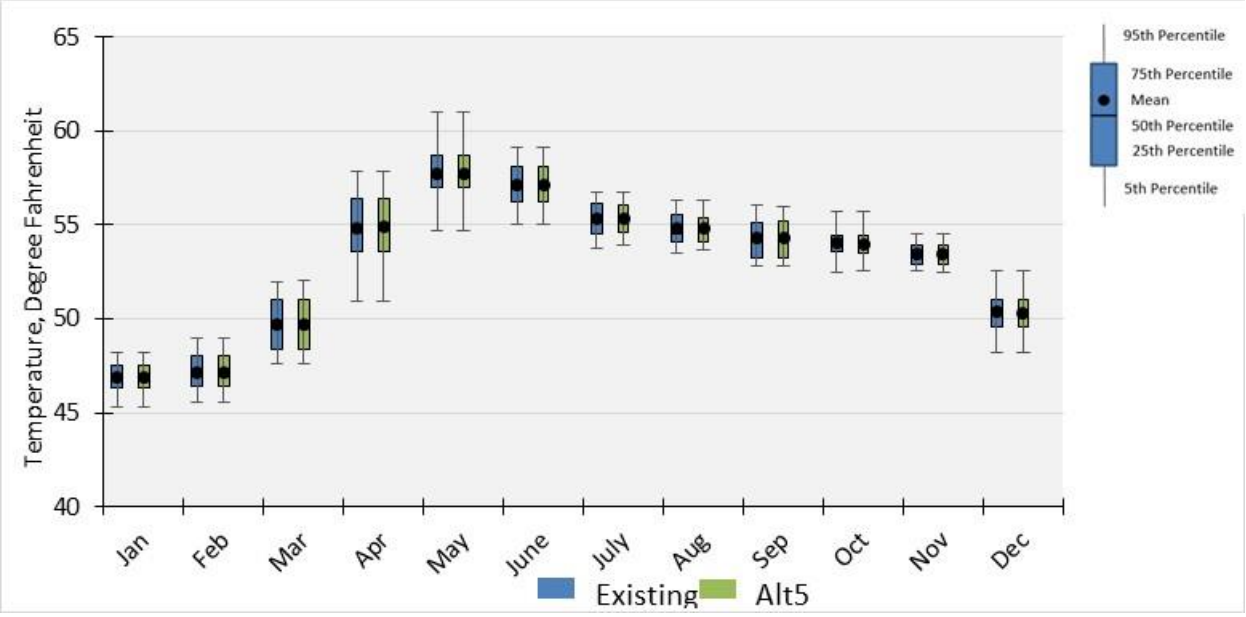
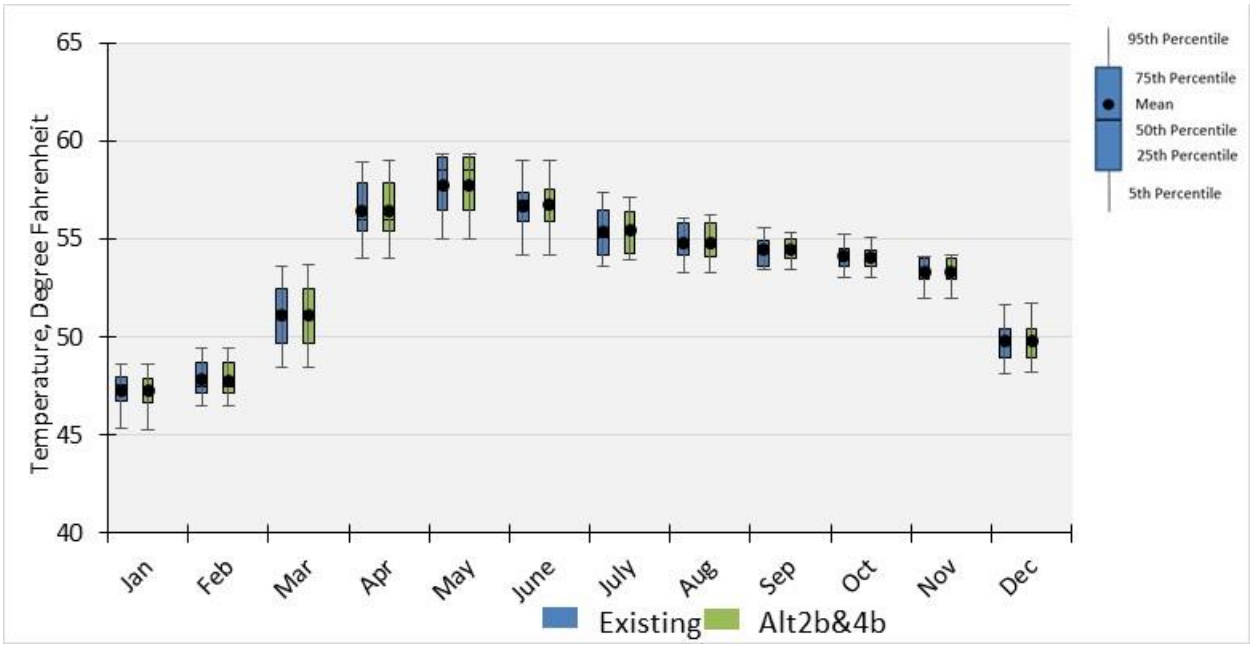


Figure 5A-D1.12.25. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



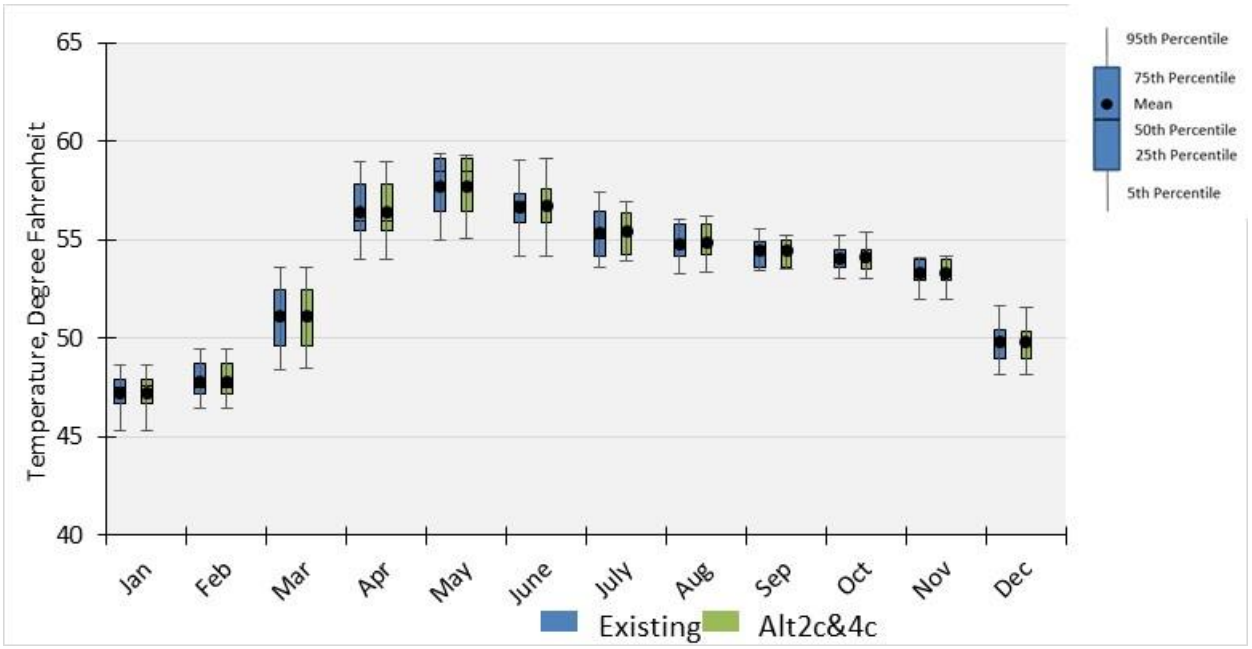


Figure 5A-D1.12.26. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

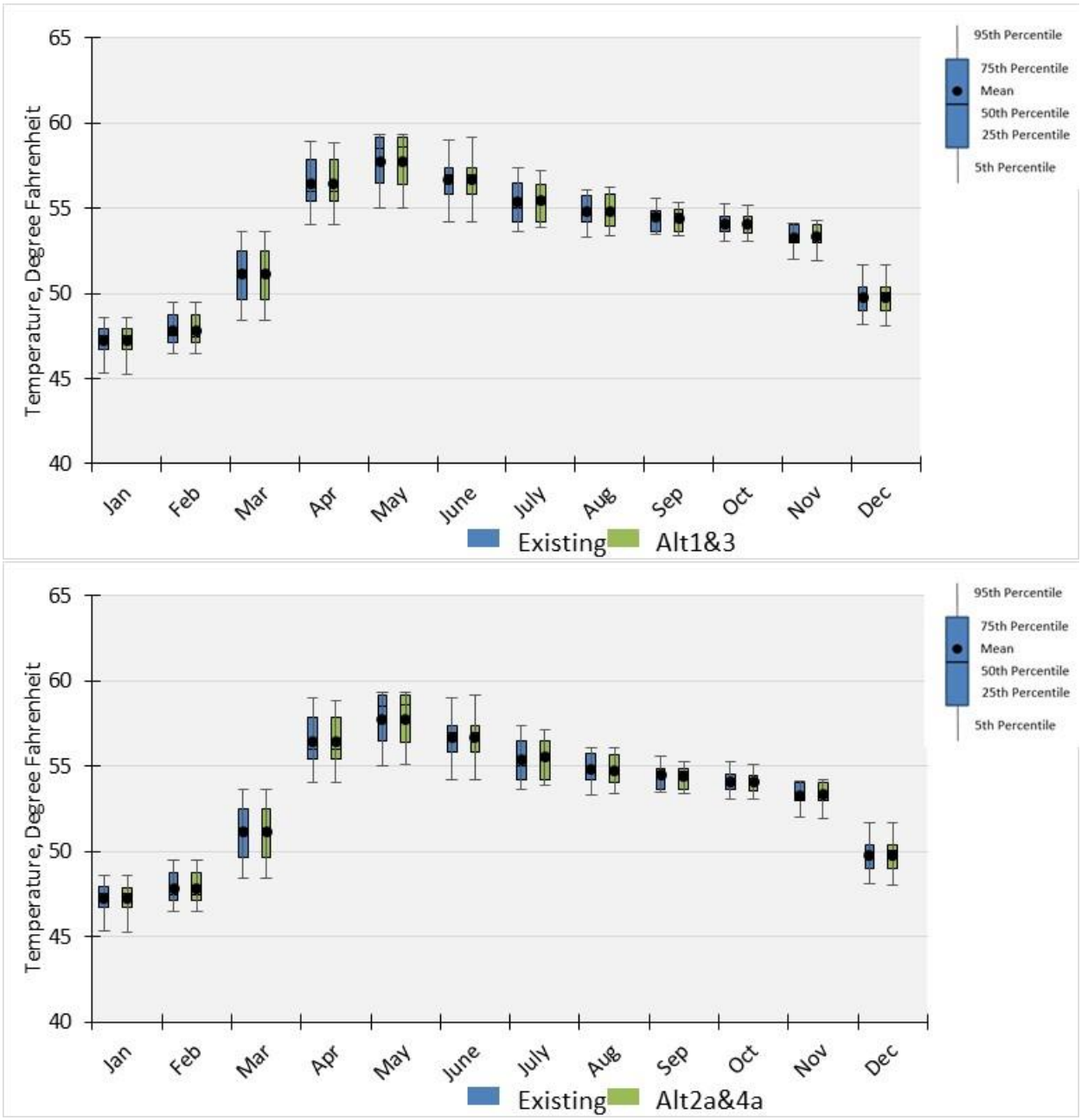


Figure 5A-D1.12.27. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

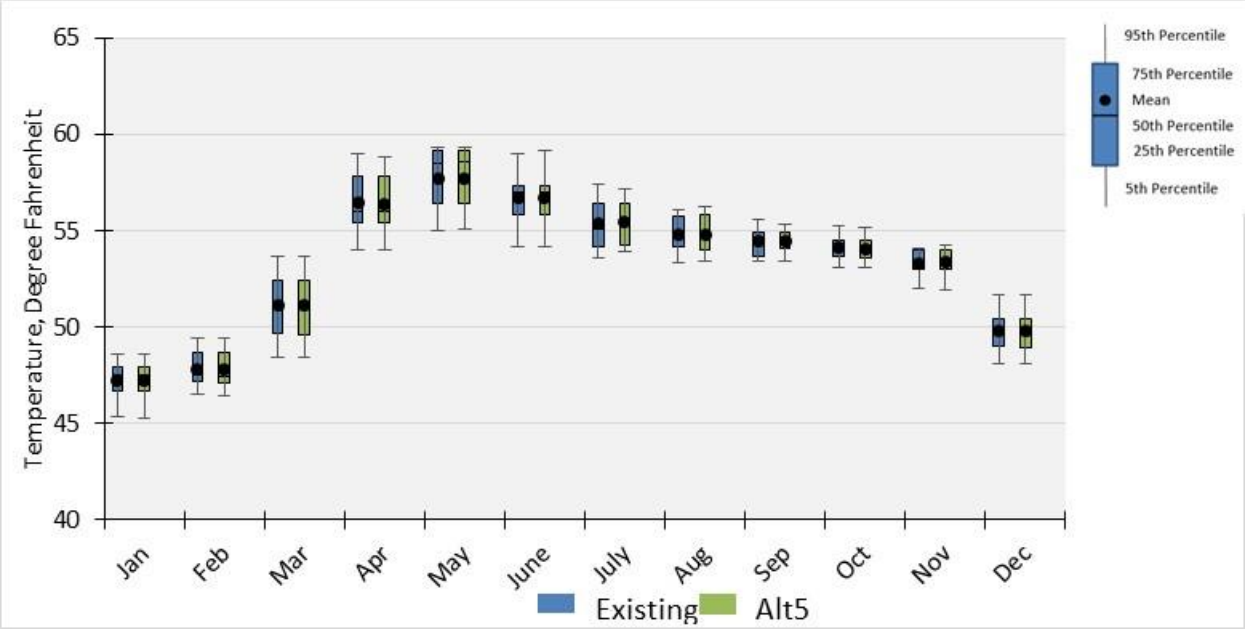
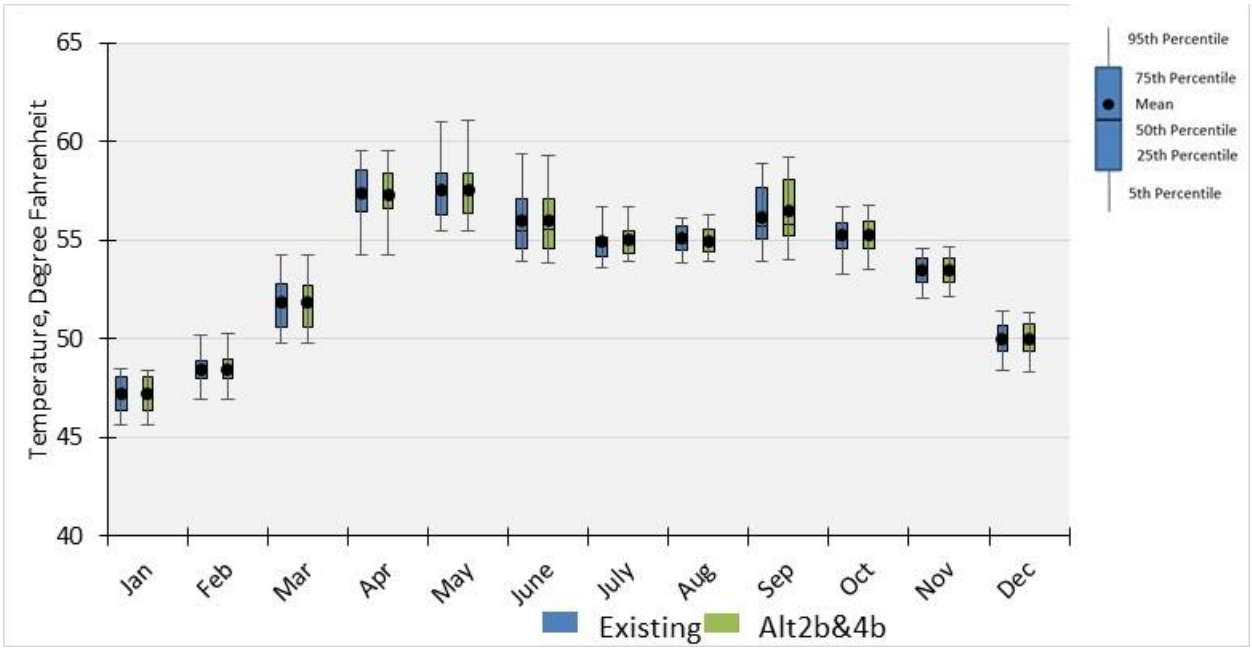


Figure 5A-D1.12.28. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



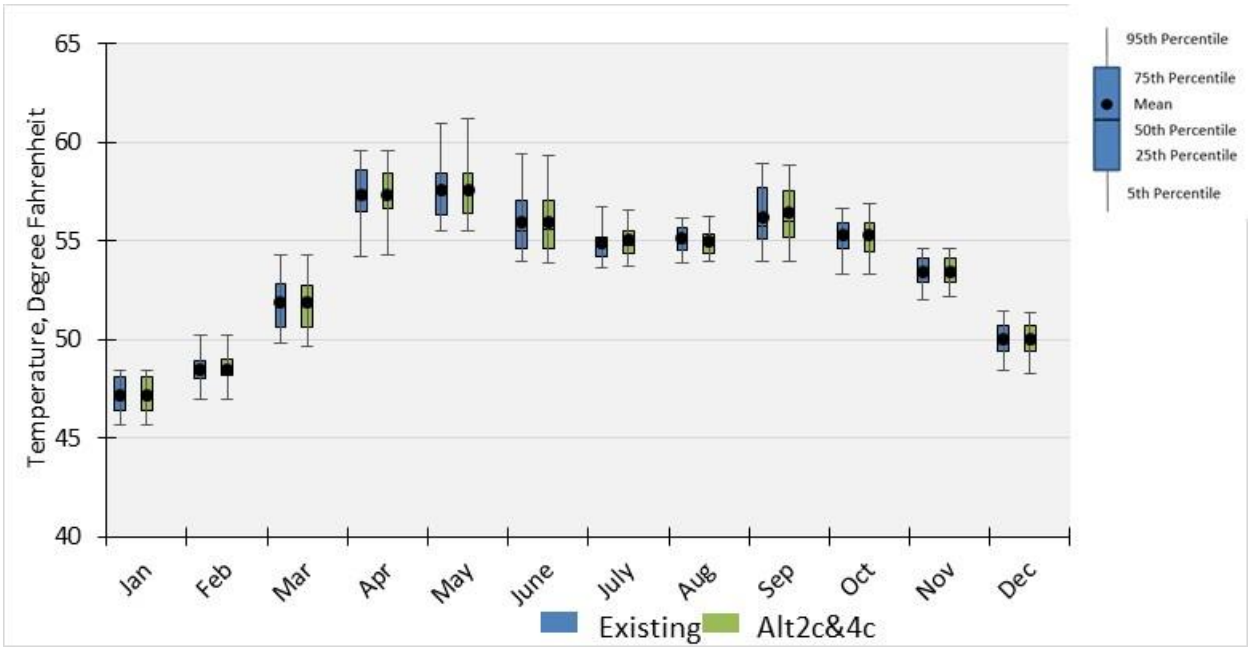


Figure 5A-D1.12.29. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

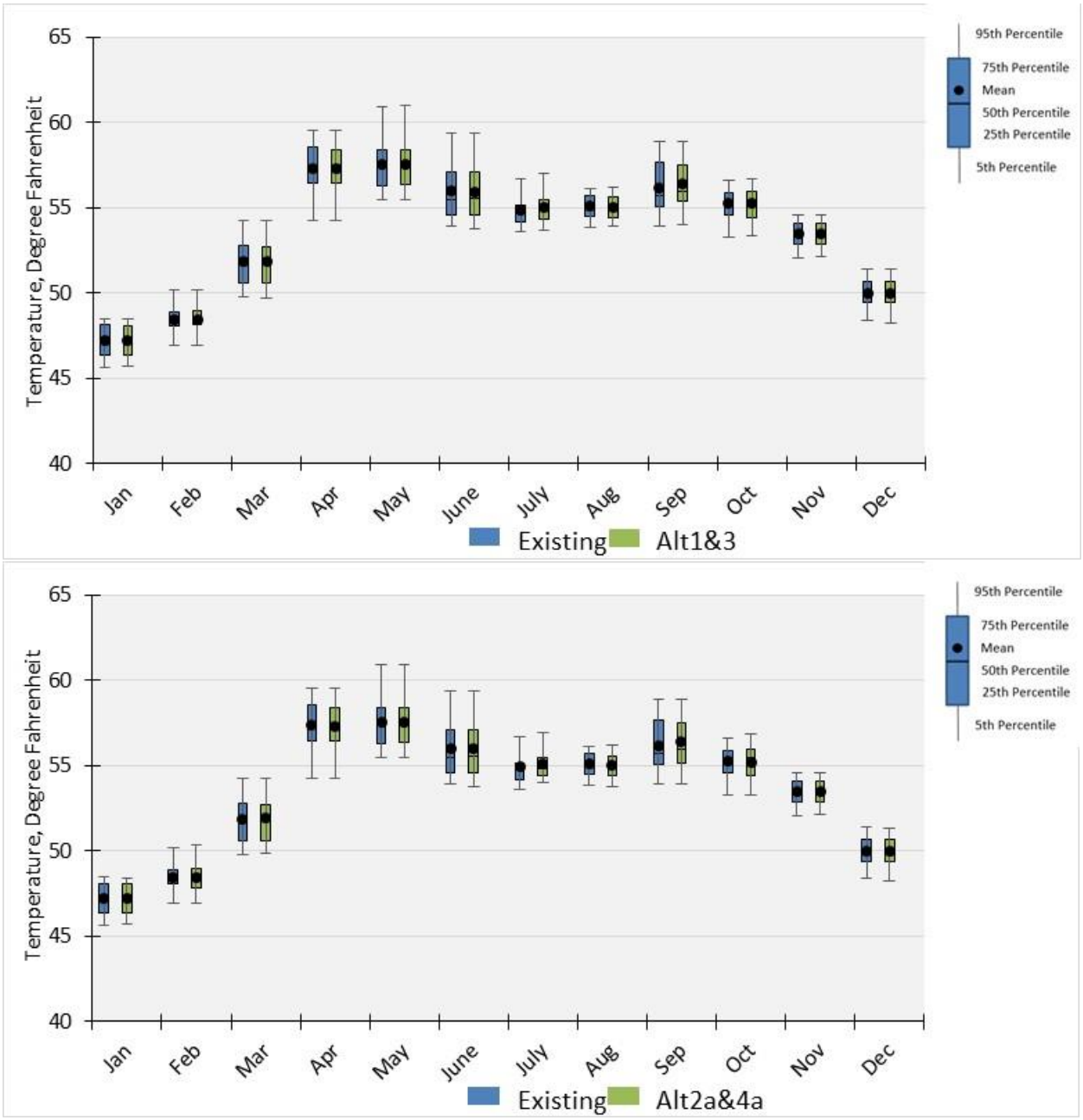


Figure 5A-D1.12.30. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

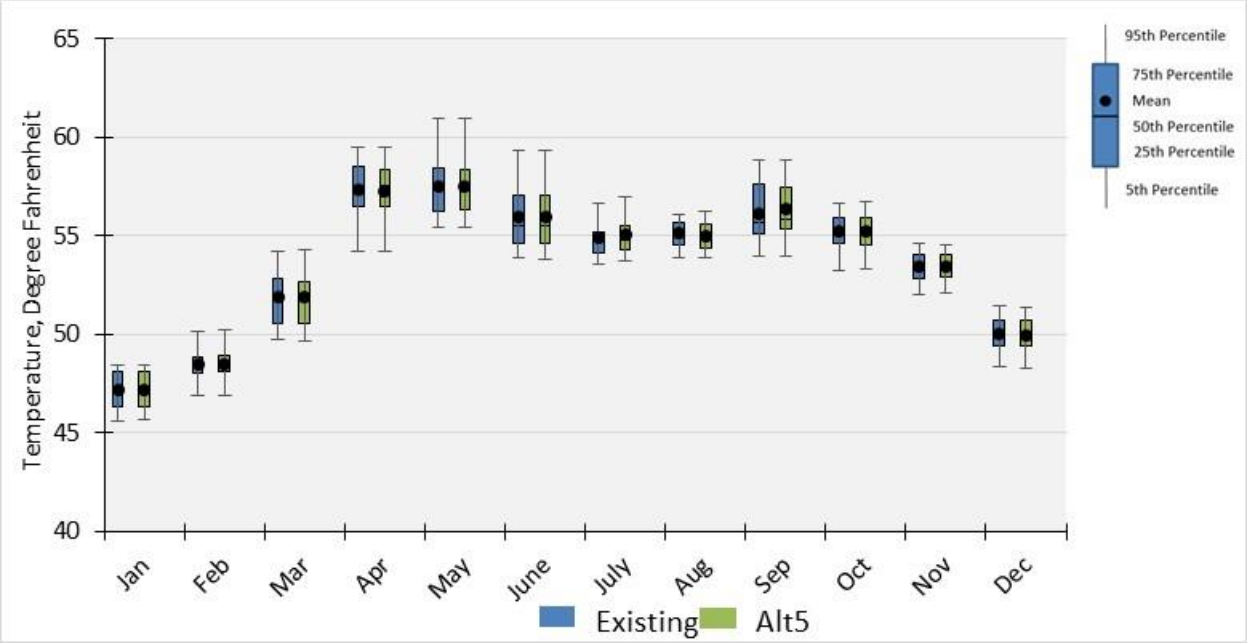
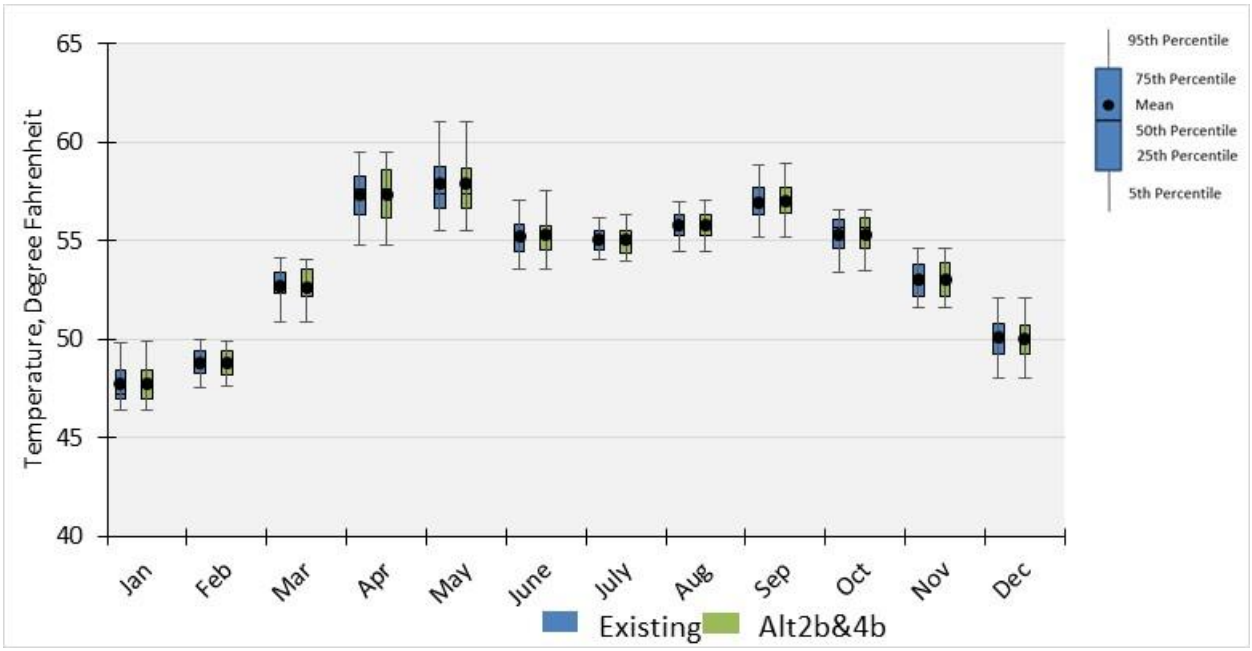


Figure 5A-D1.12.31. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



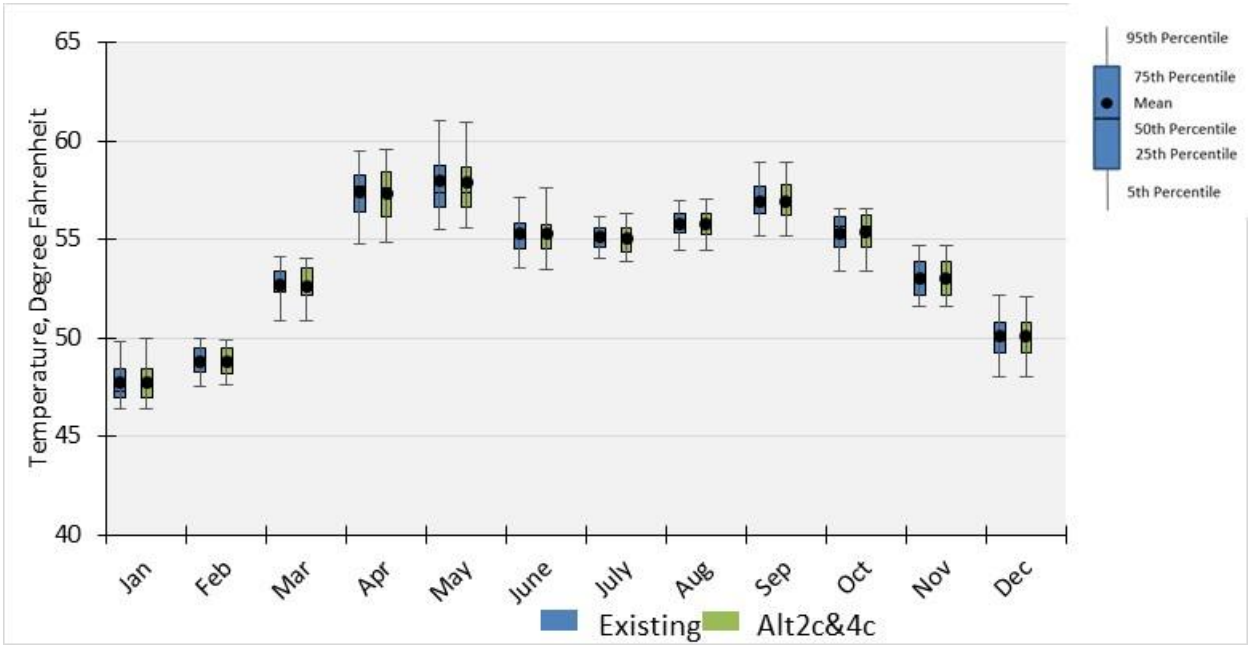
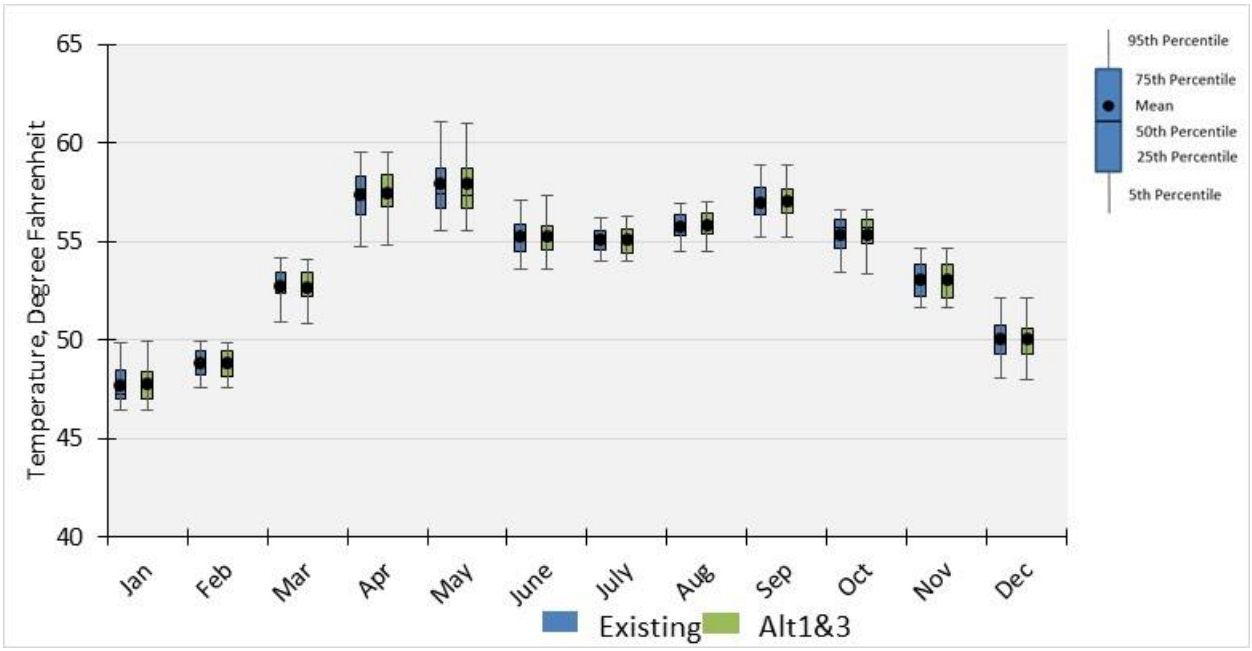


Figure 5A-D1.12.32. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



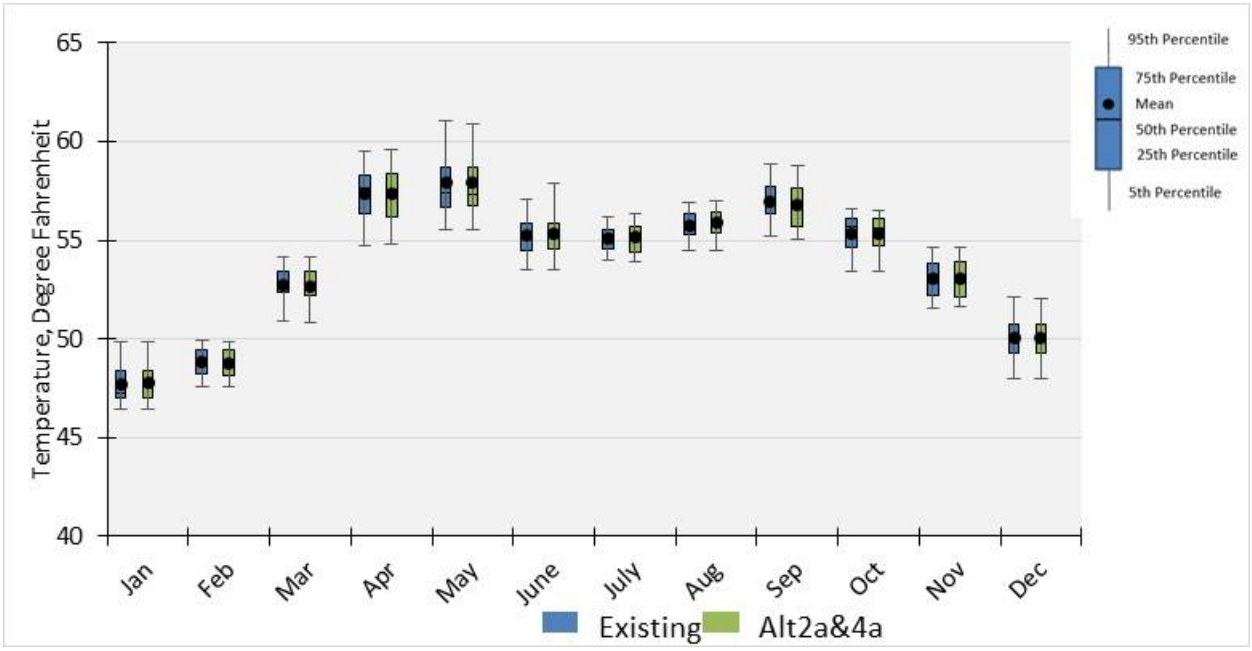


Figure 5A-D1.12.33. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

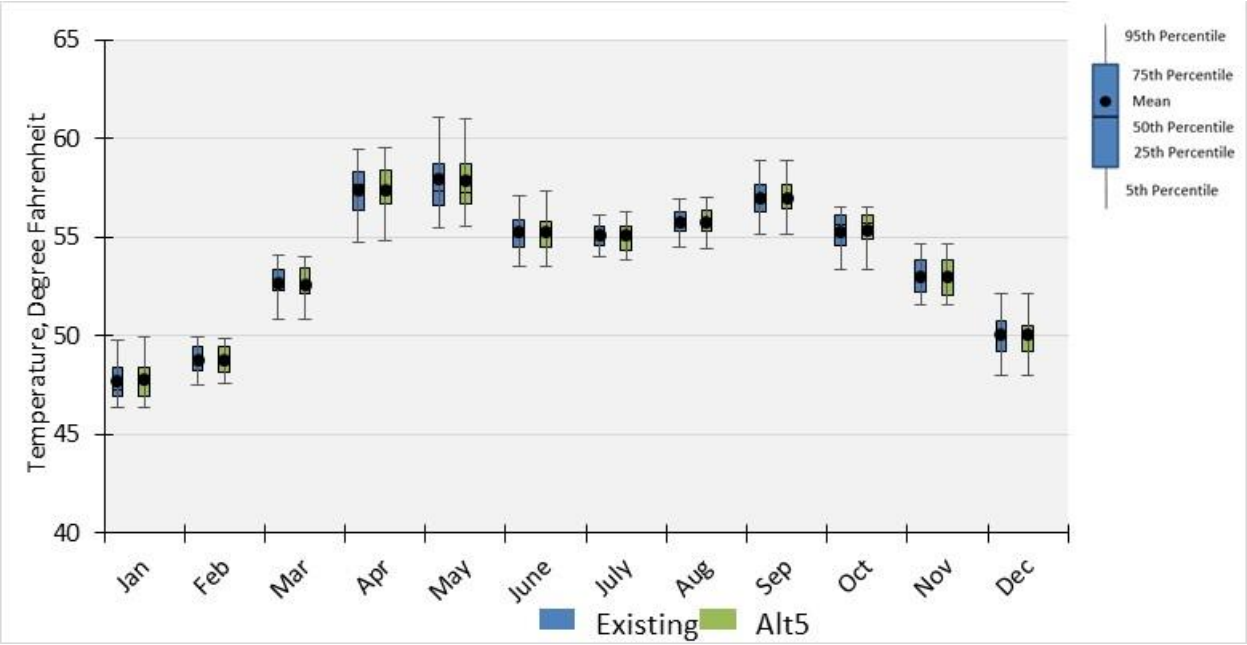
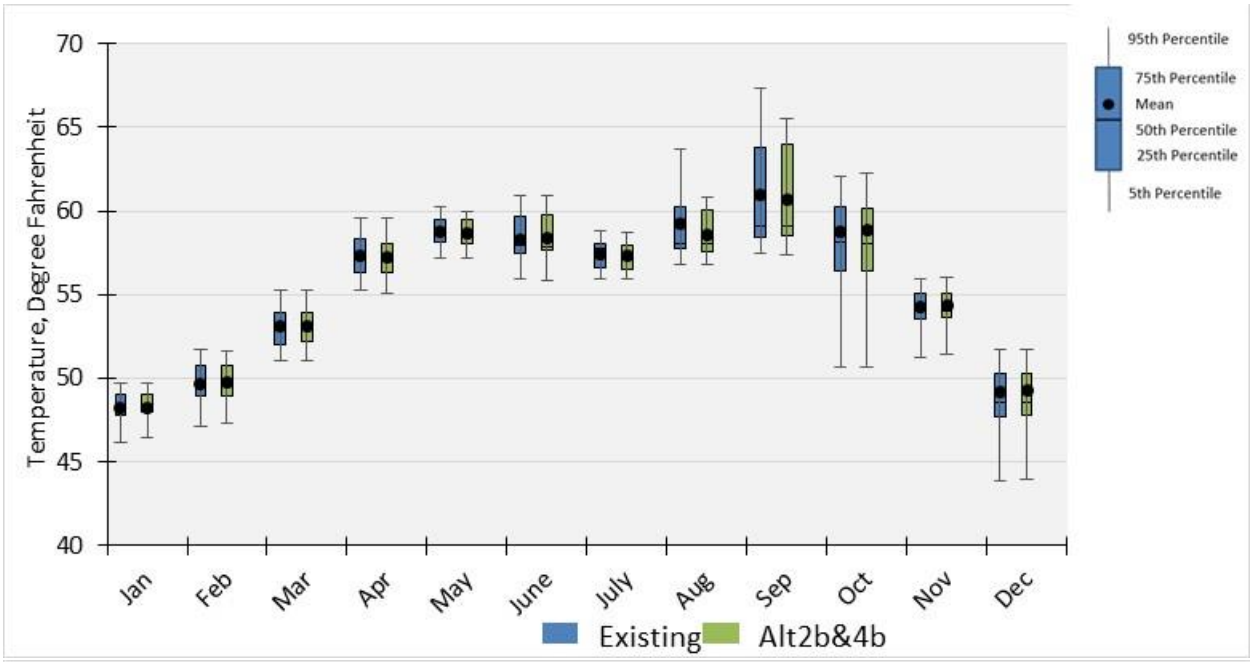


Figure 5A-D1.12.34. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



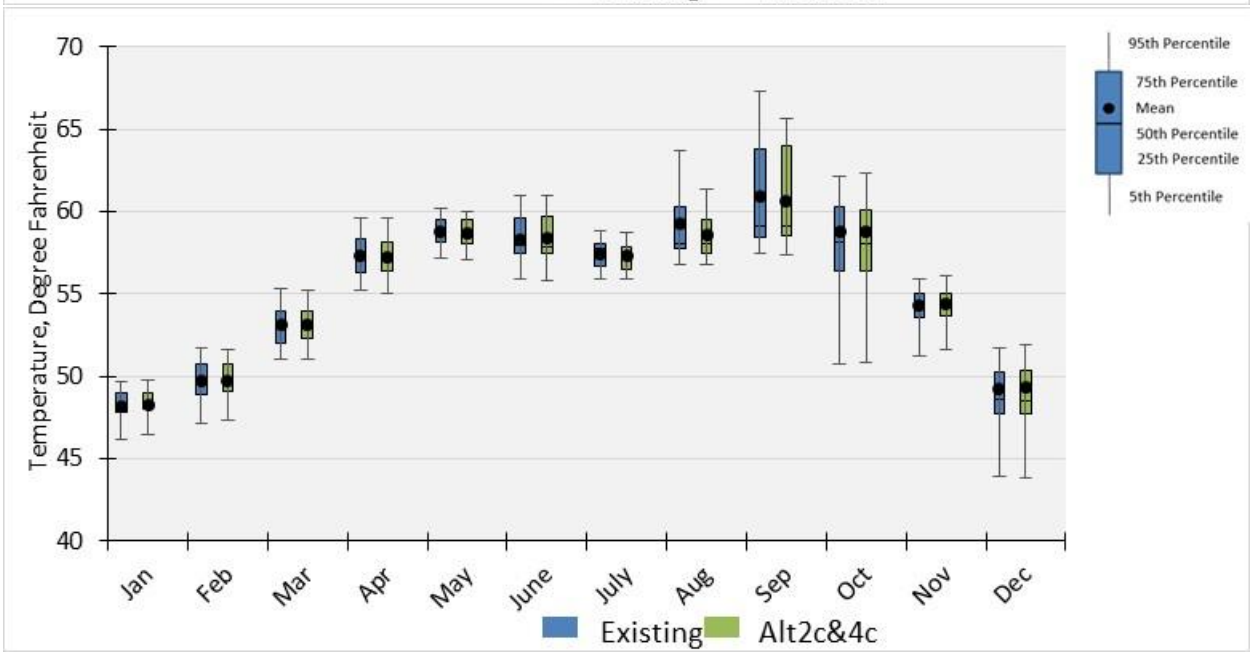
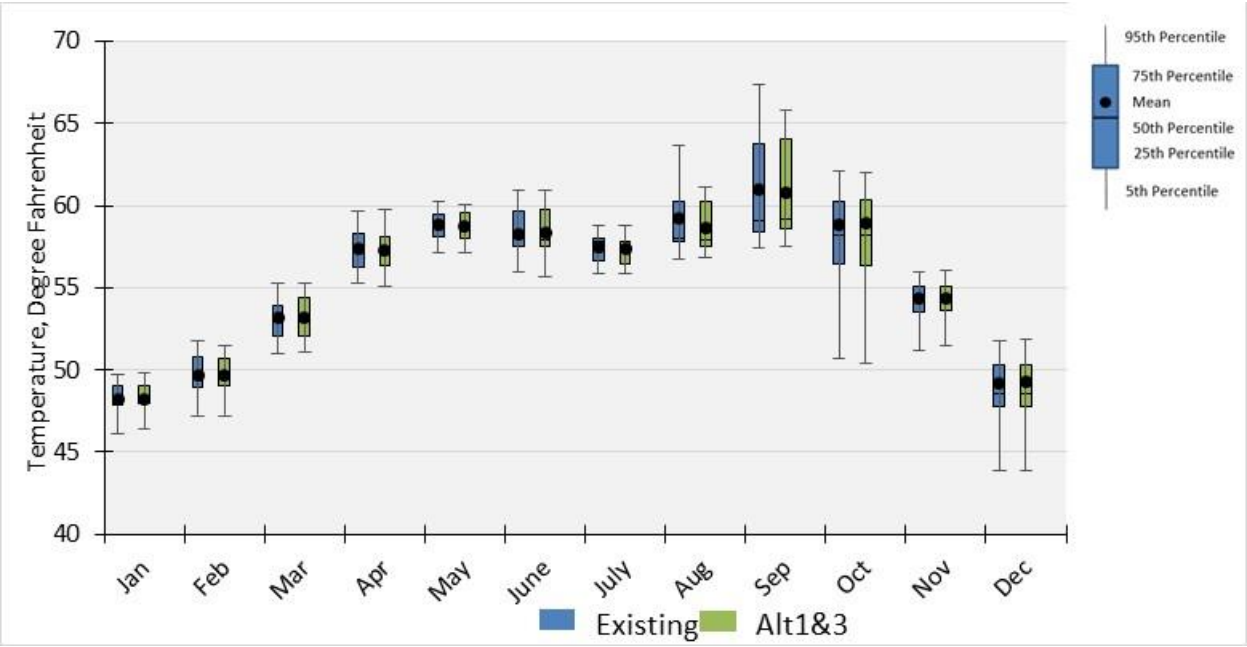


Figure 5A-D1.12.35. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



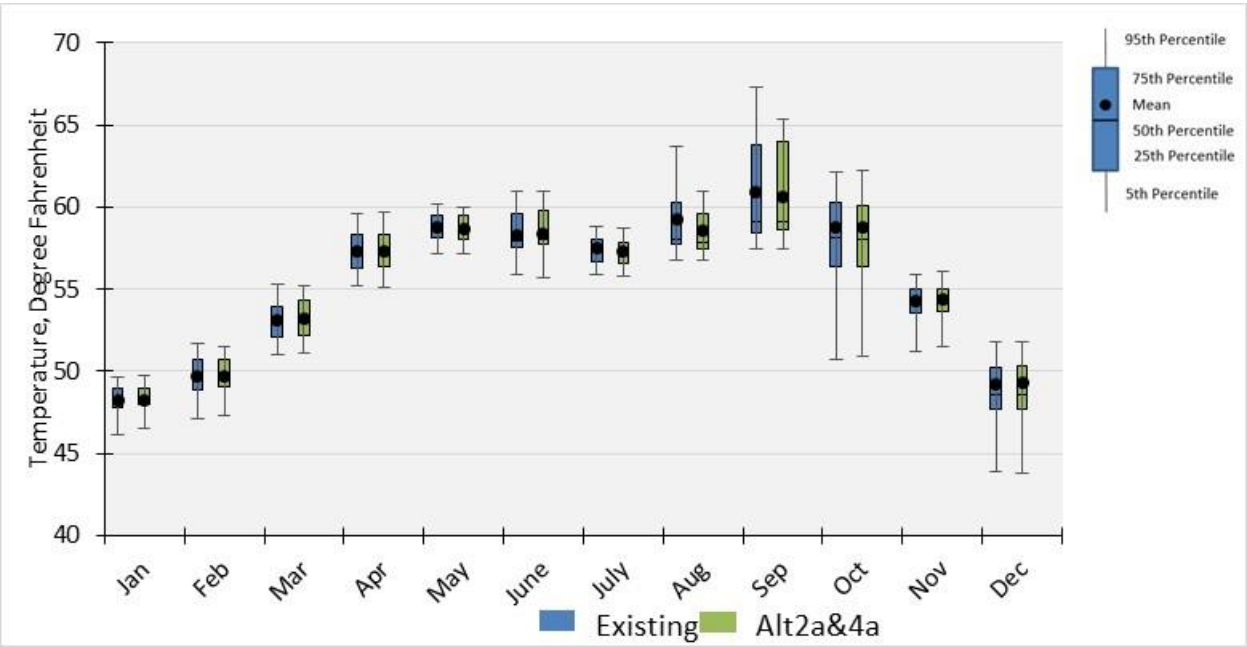


Figure 5A-D1.12.36. Sacramento River at Bend Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

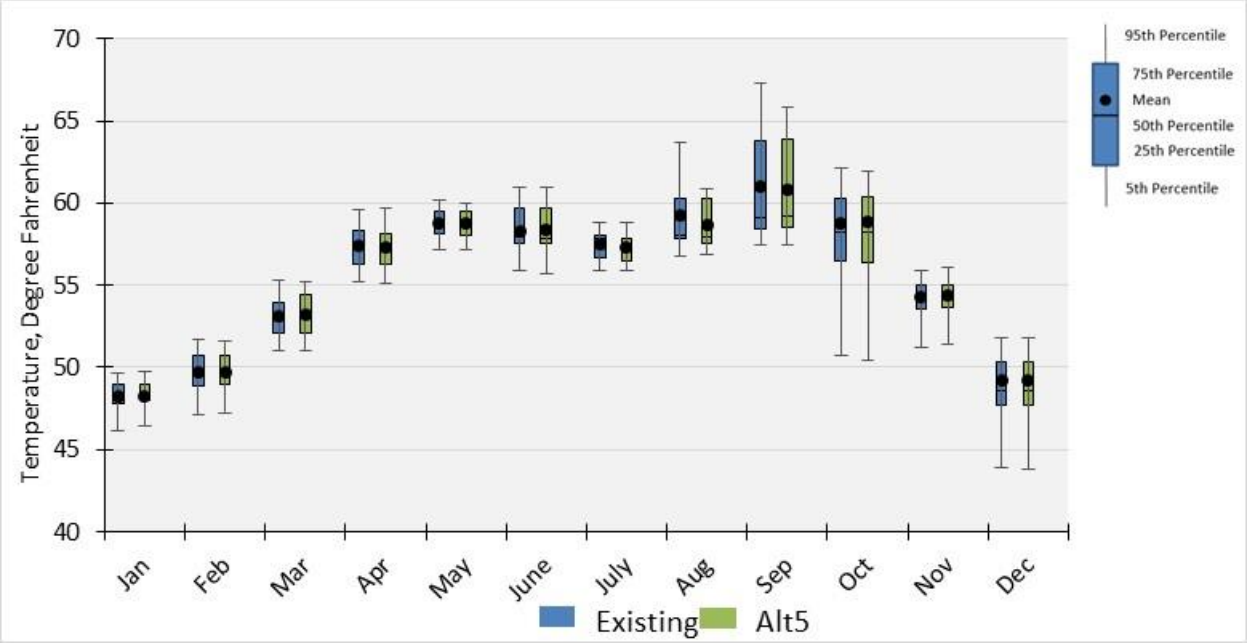
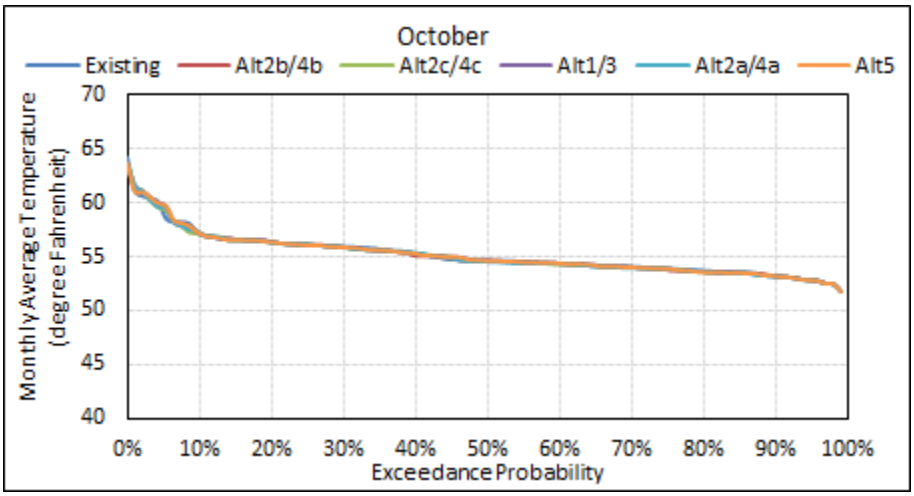
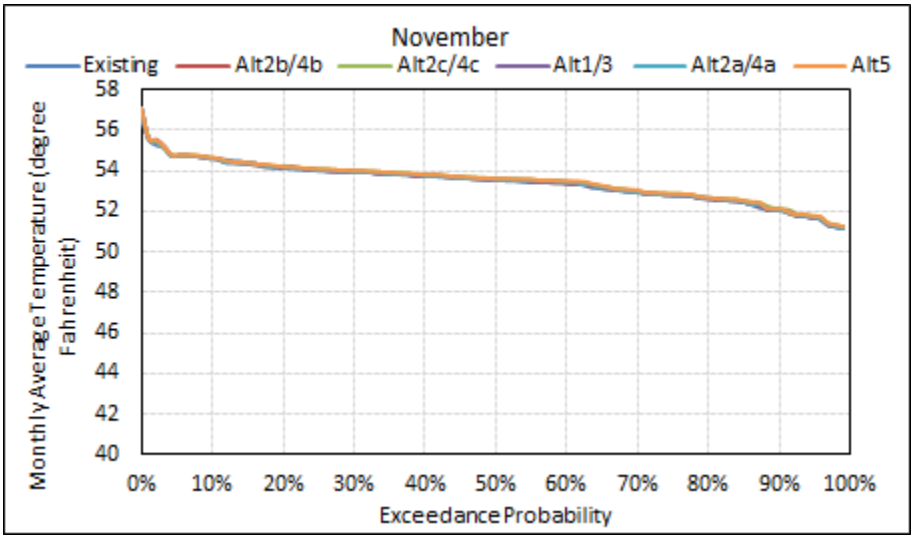


Figure 5A-D1.12.37-A. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





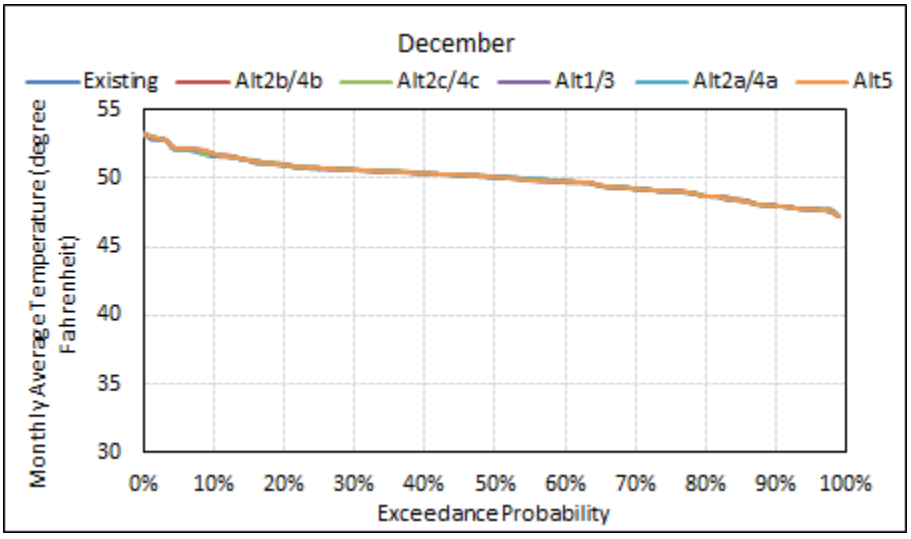
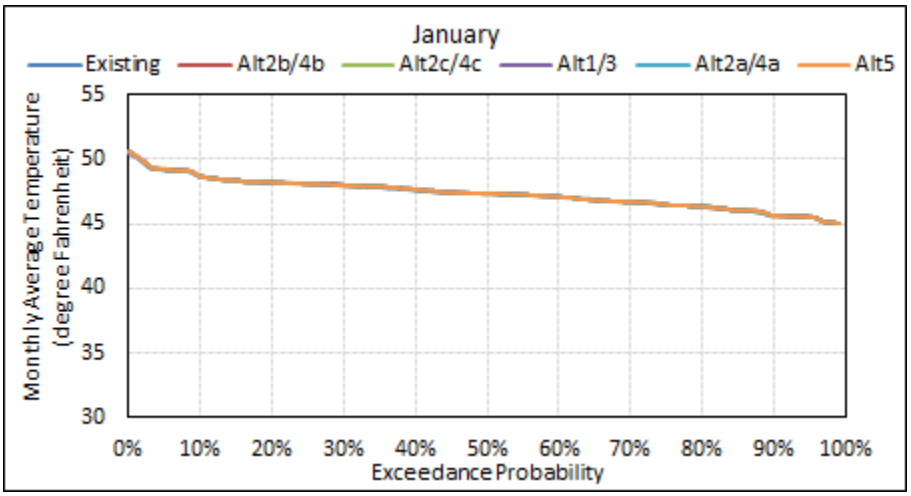
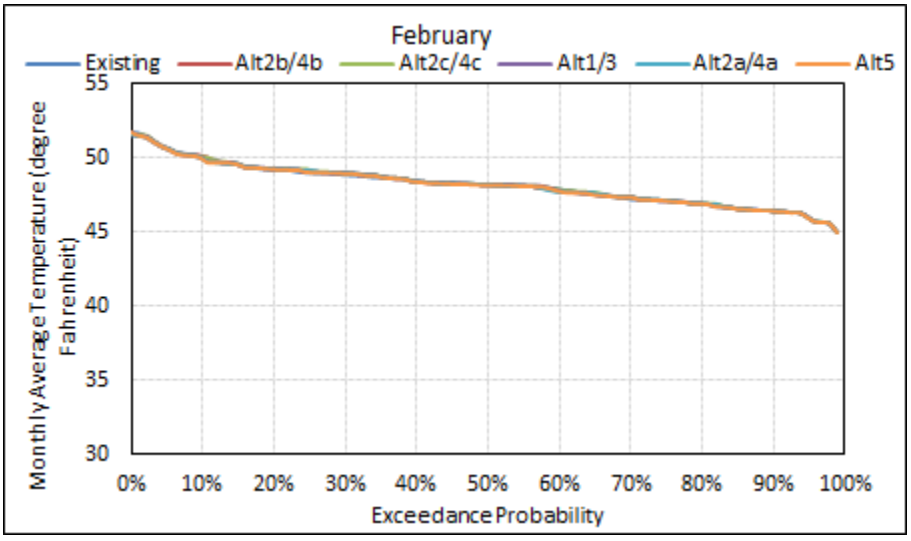


Figure 5A-D1.12.37-B. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





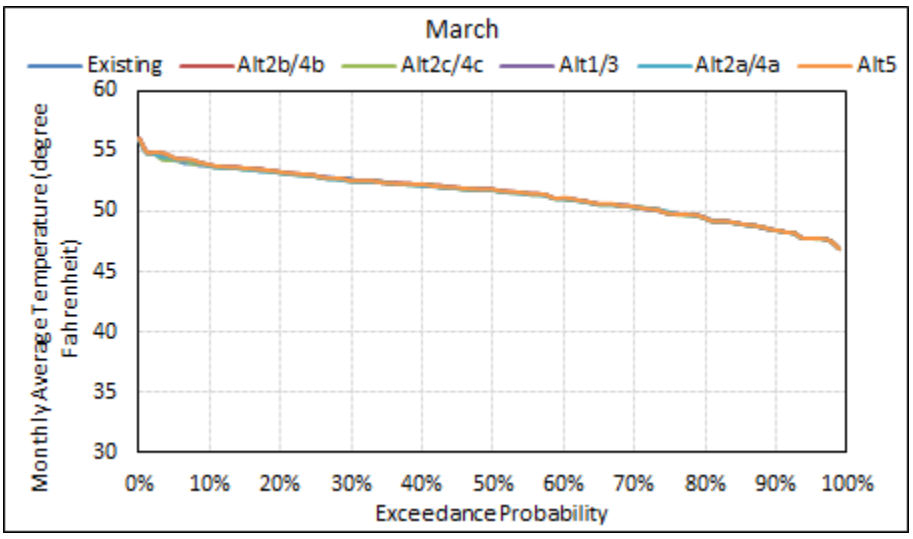
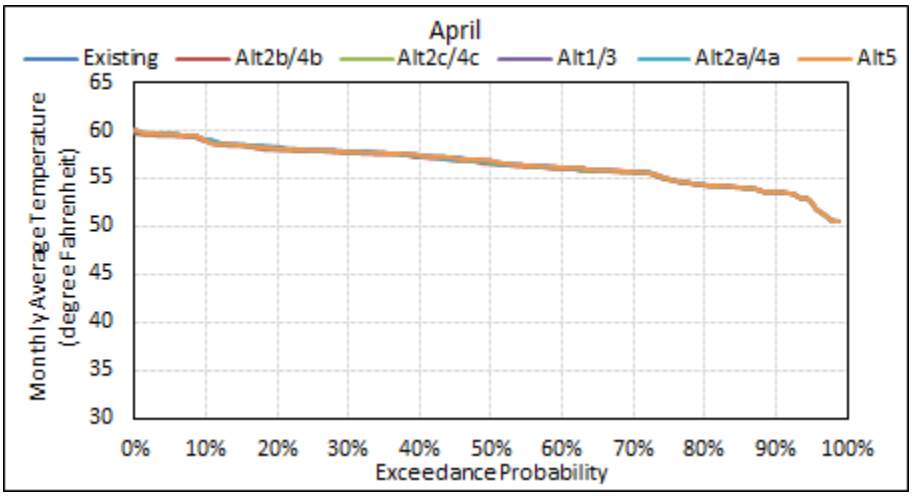
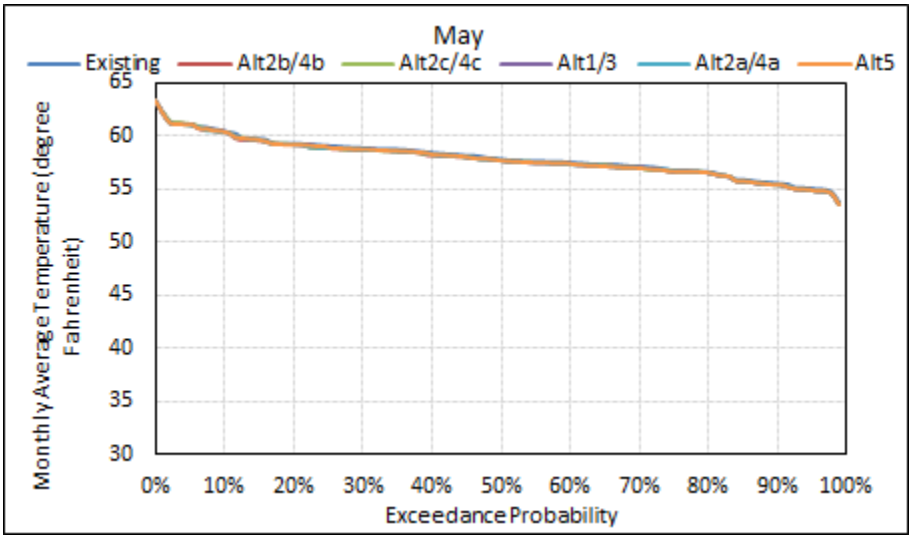


Figure 5A-D1.12.37-C. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





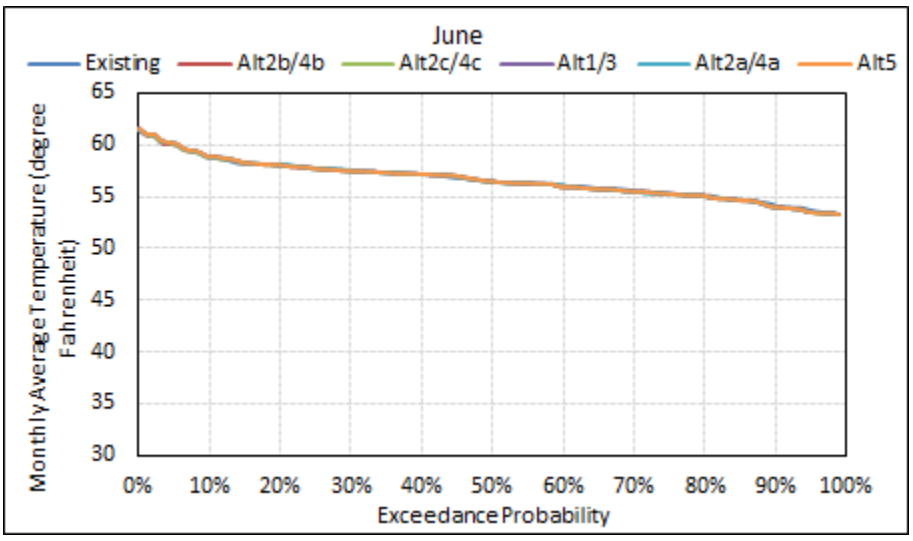
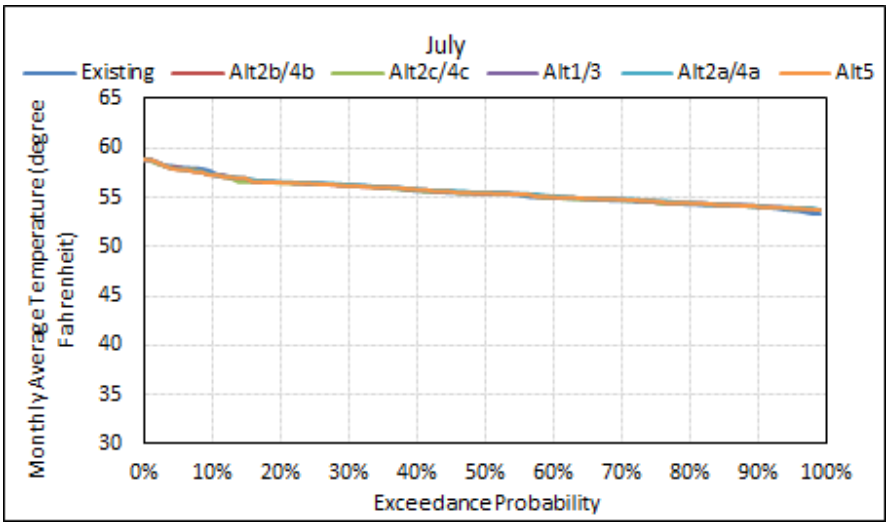
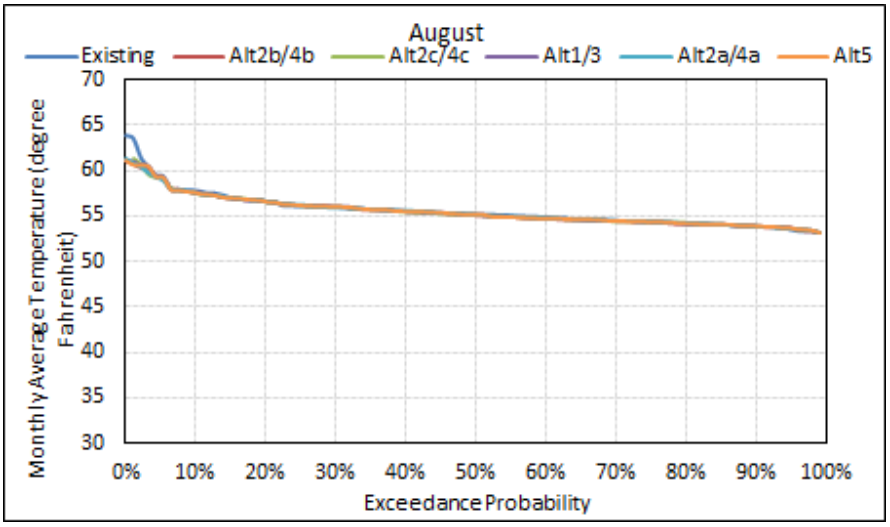


Figure 5A-D1.12.37-D. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





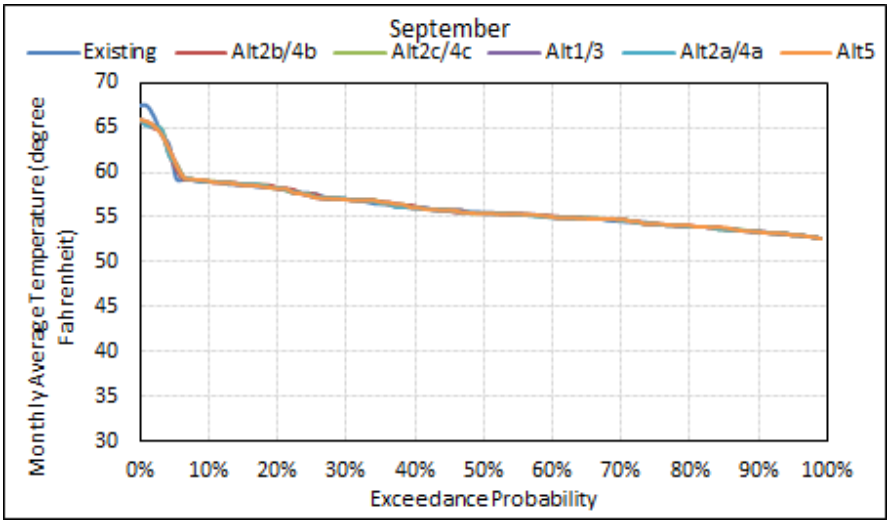


Figure 5A-D1.12.38. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

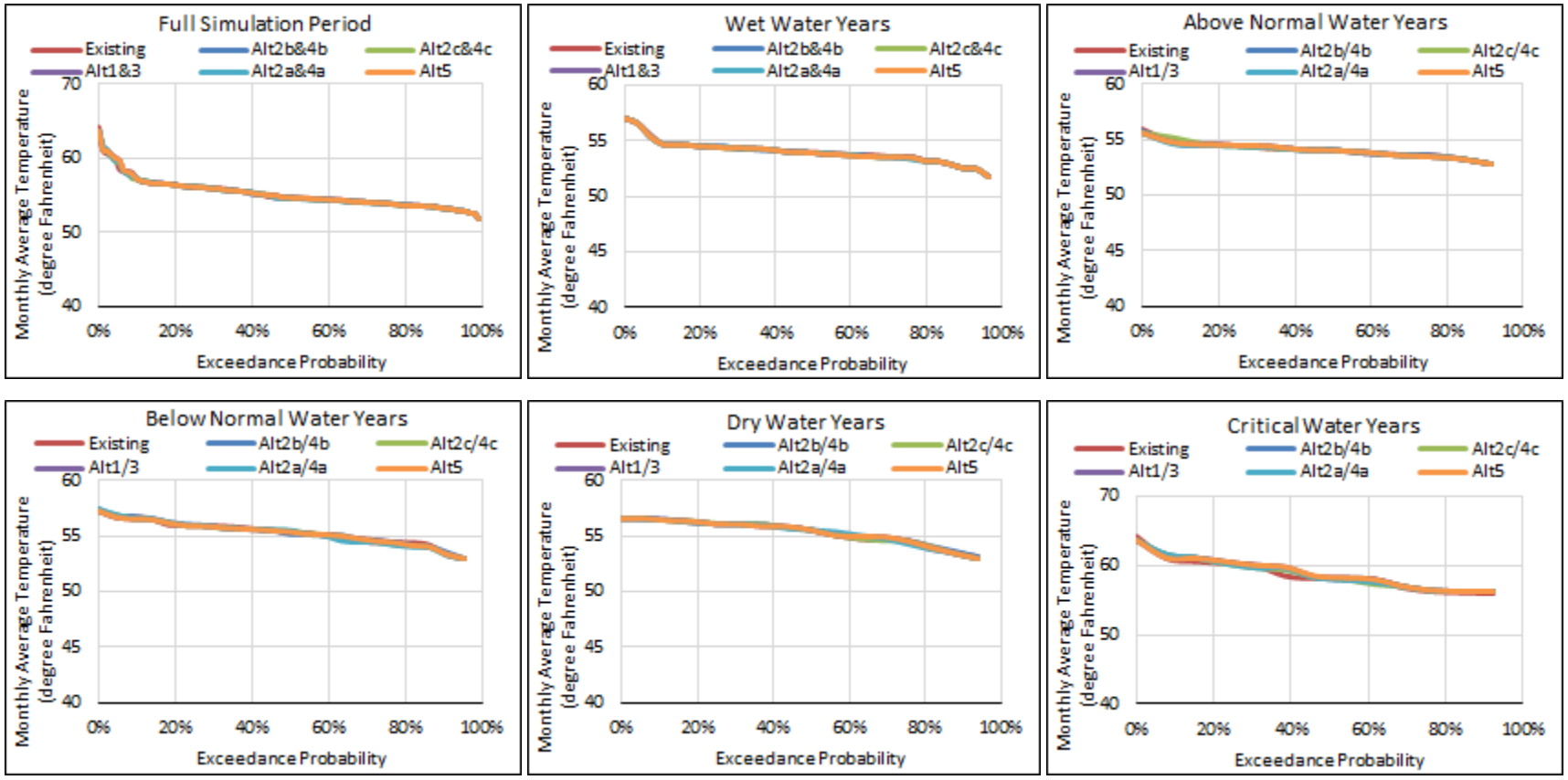


Figure 5A-D1.12.39. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

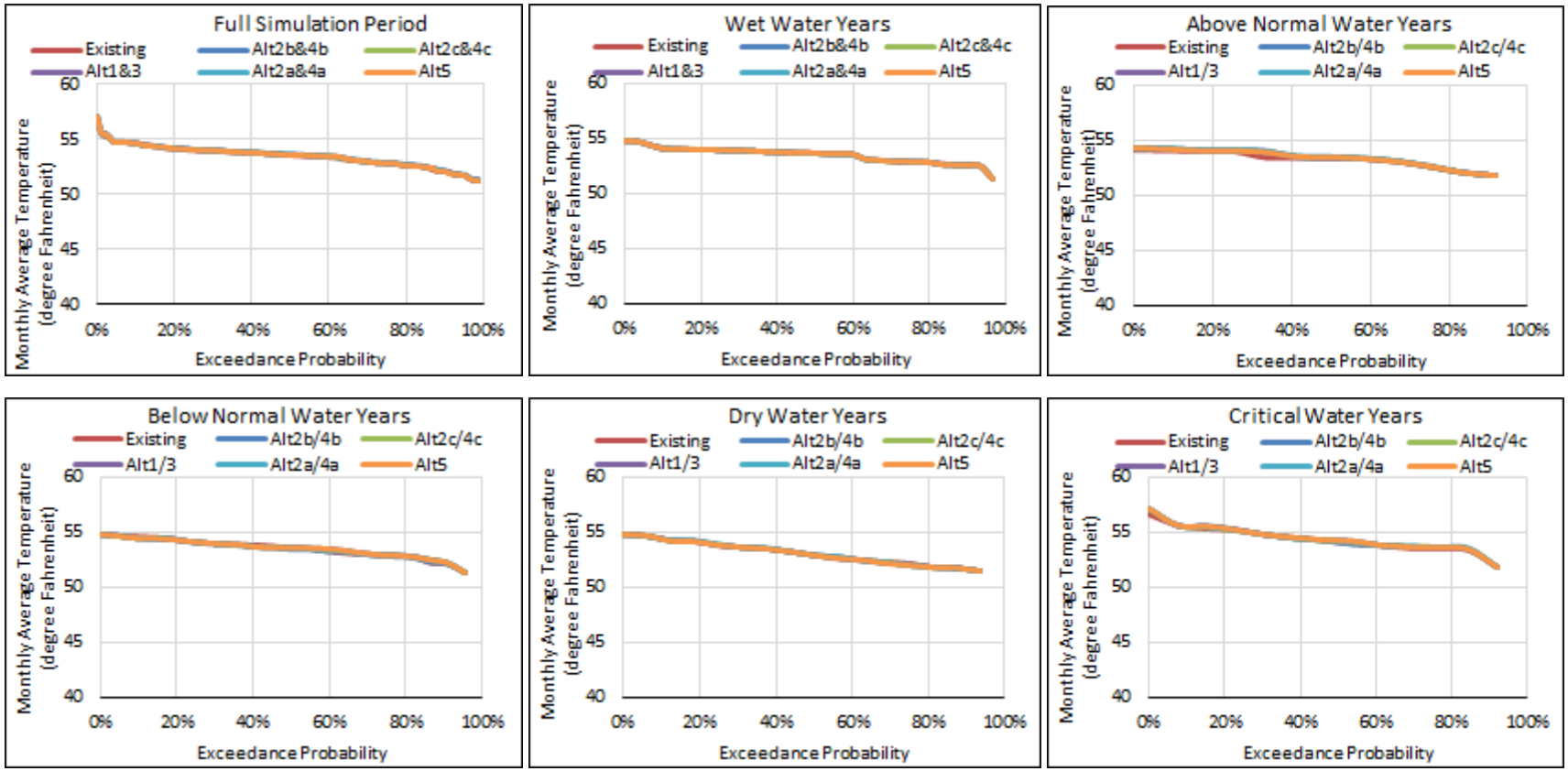


Figure 5A-D1.12.40. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

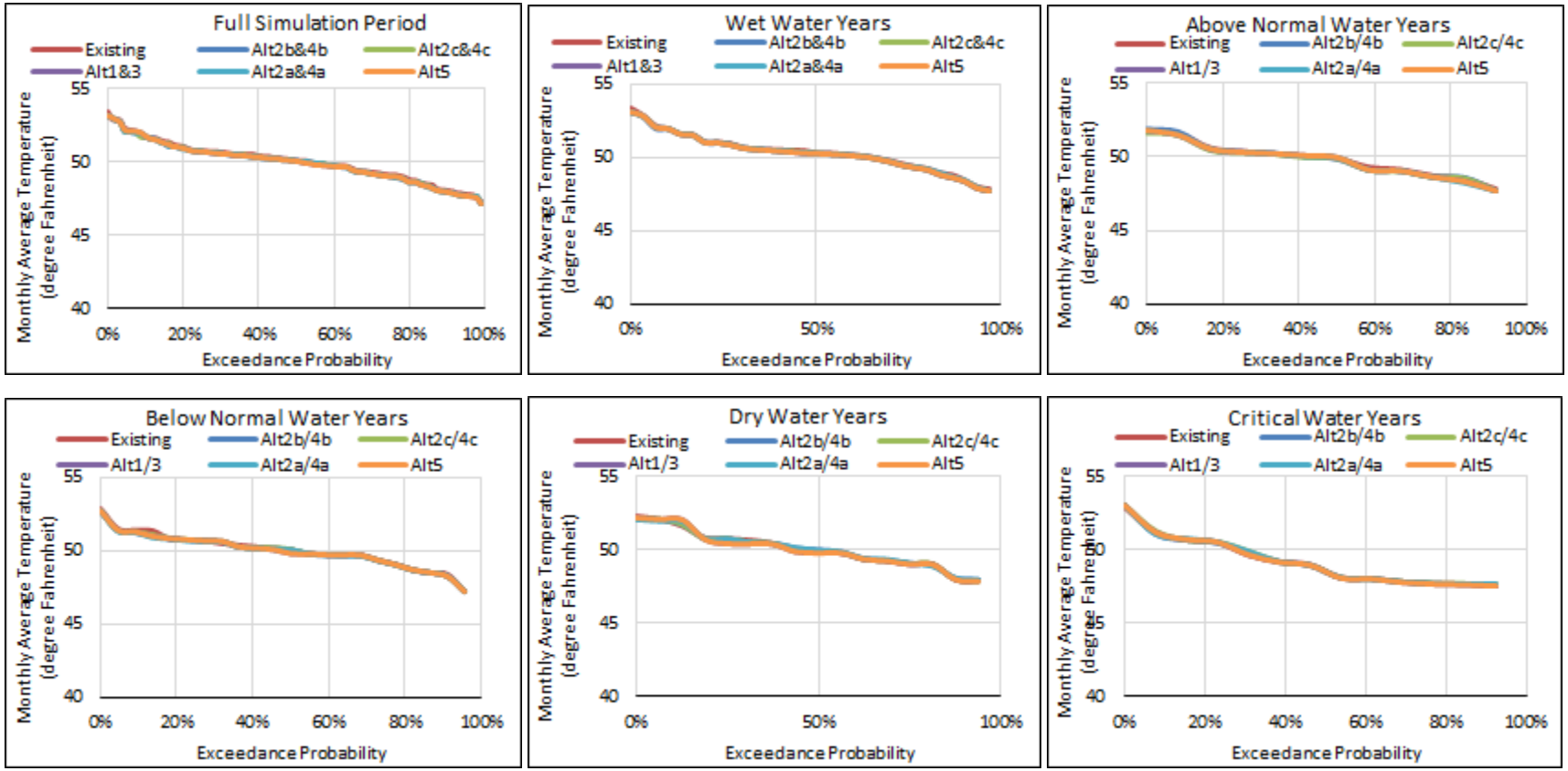


Figure 5A-D1.12.41. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

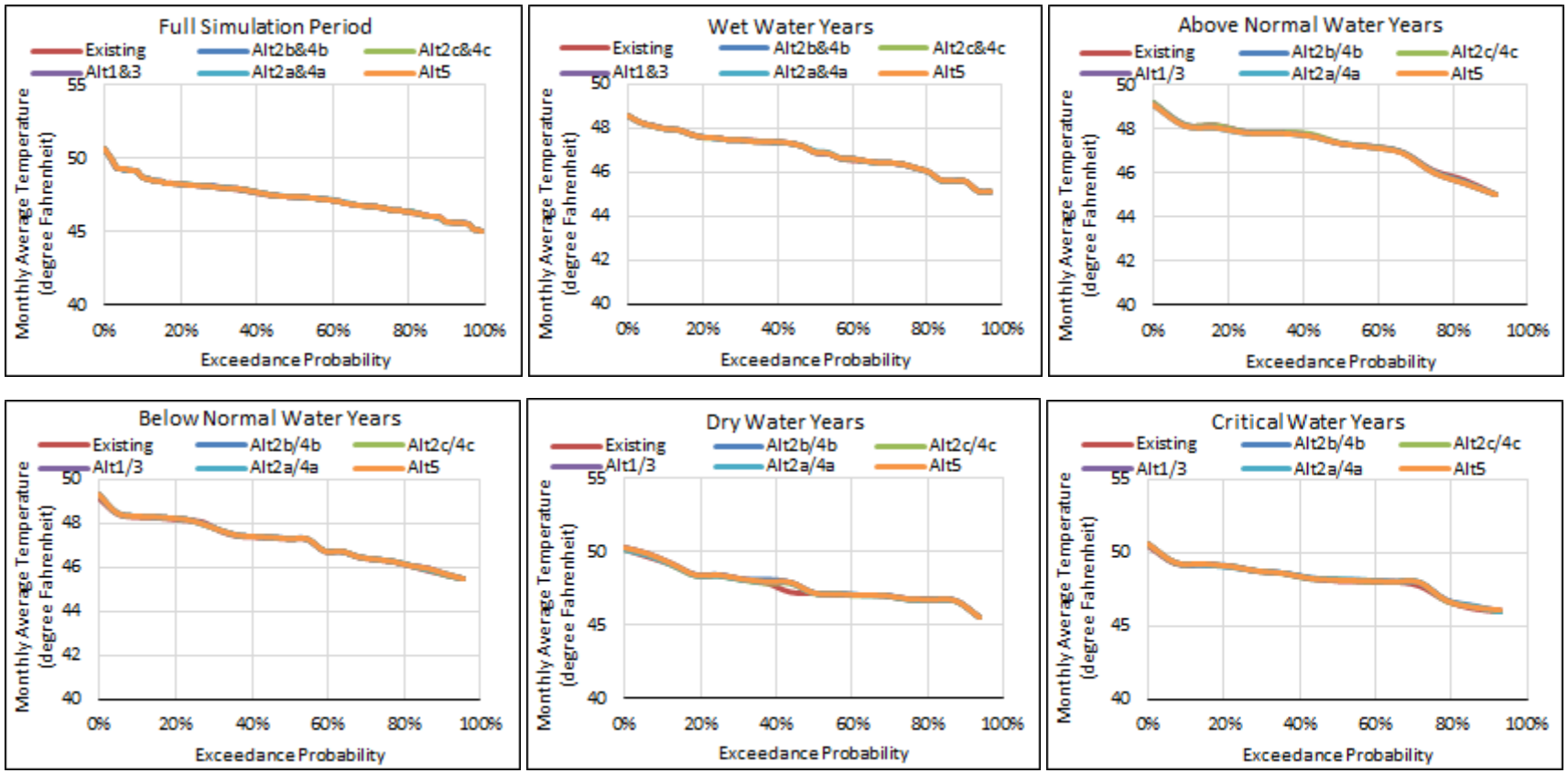


Figure 5A-D1.12.42. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

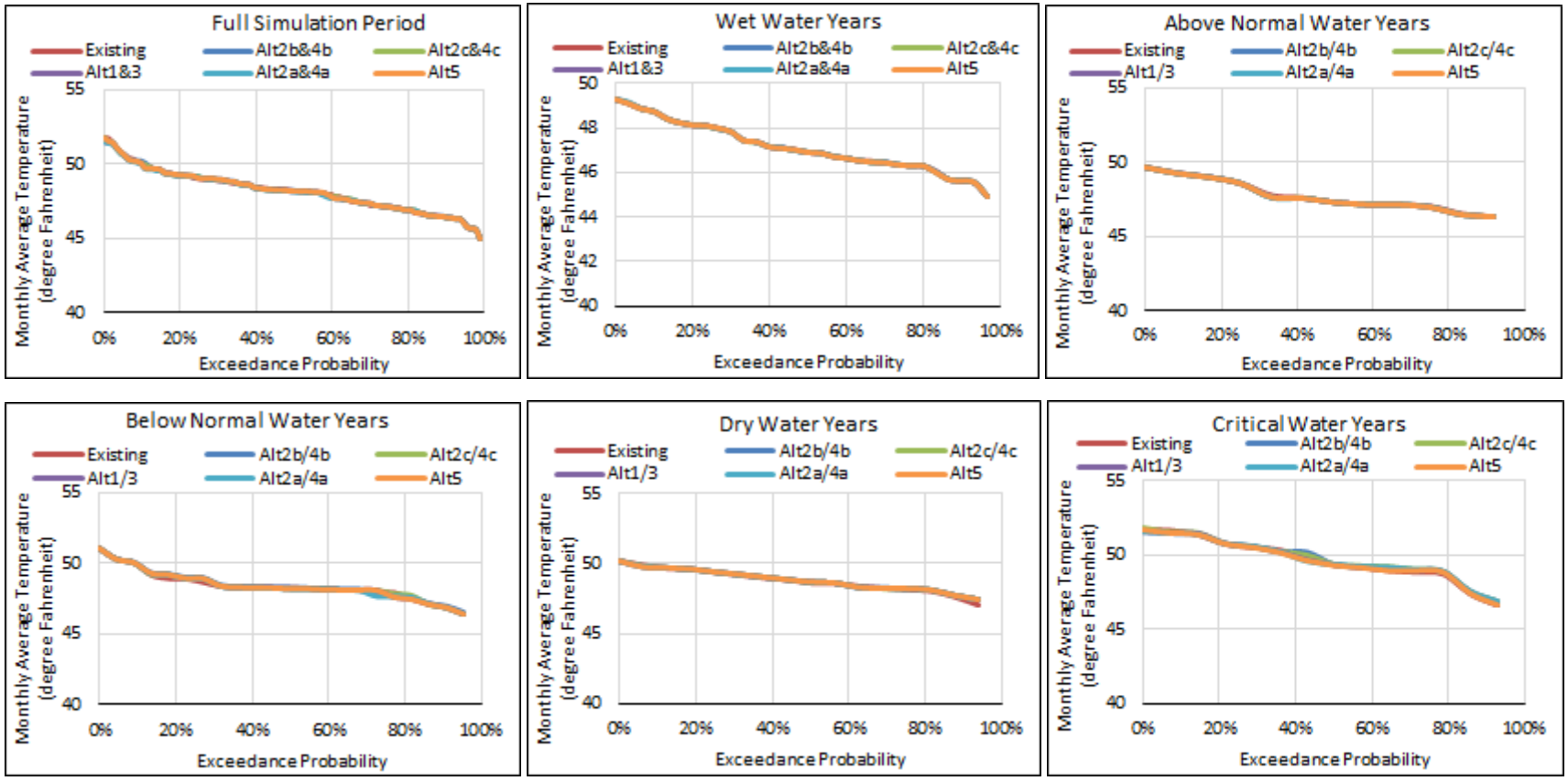


Figure 5A-D1.12.43. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

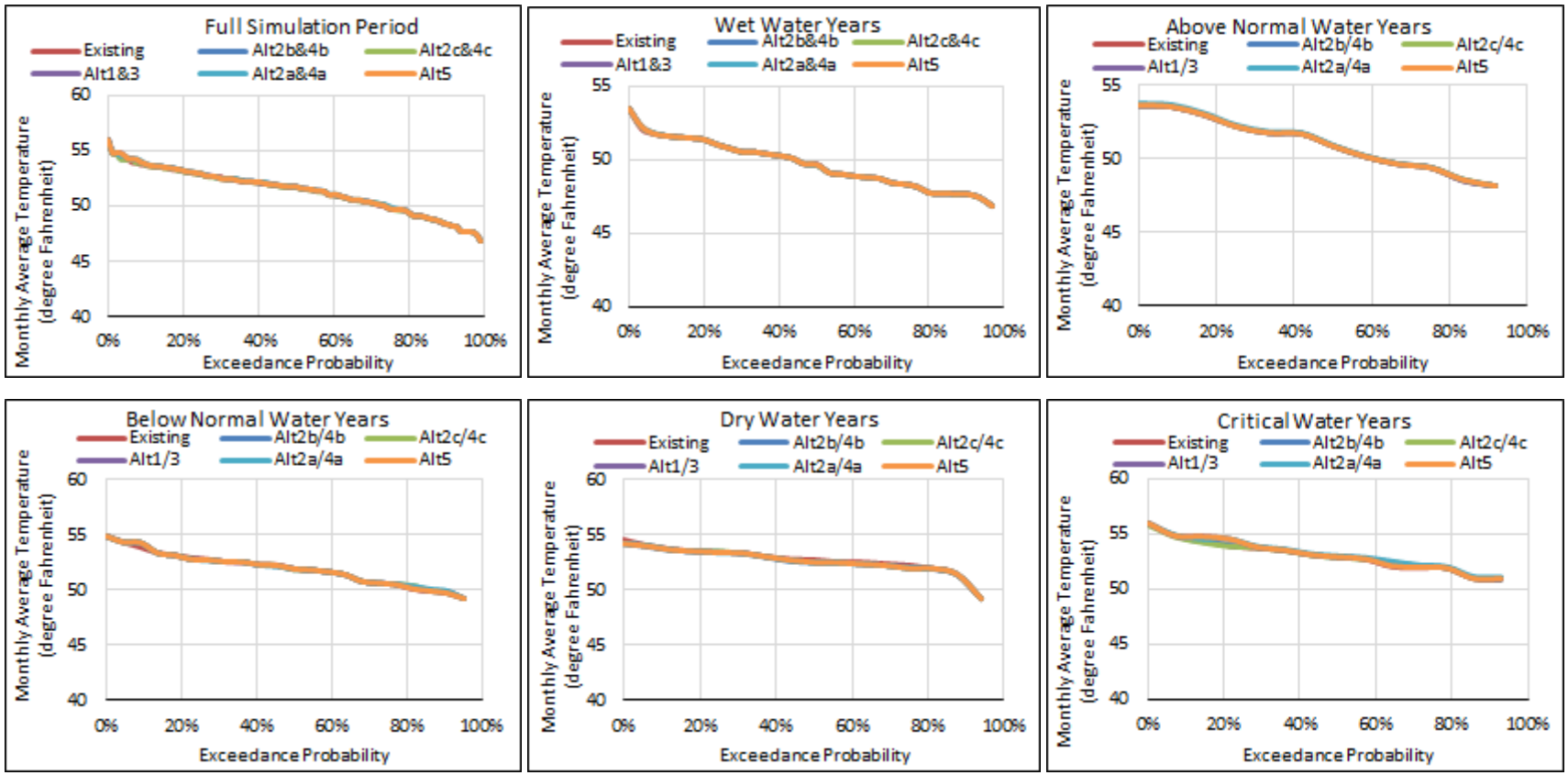


Figure 5A-D1.12.44. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

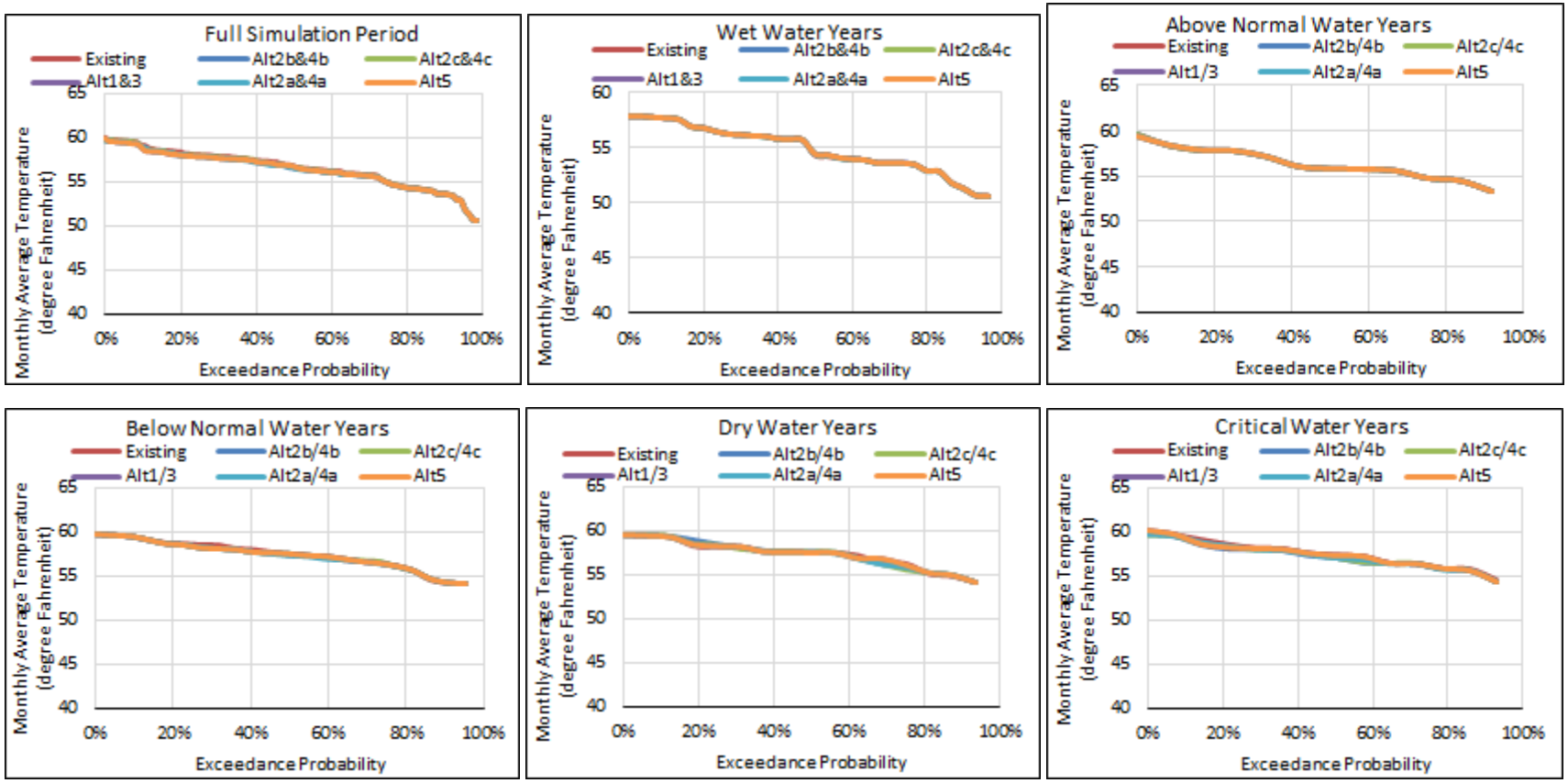


Figure 5A-D1.12.45. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

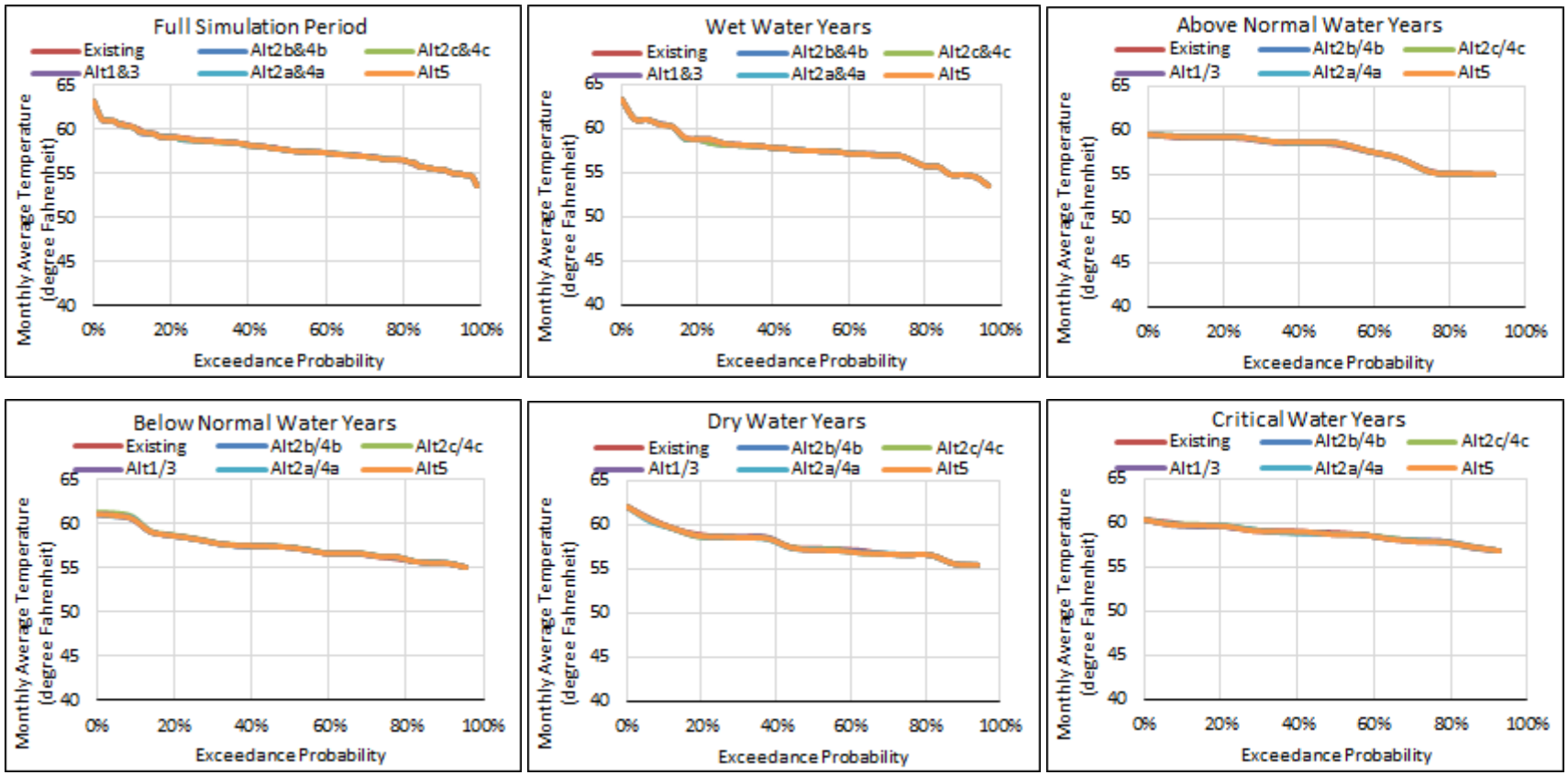


Figure 5A-D1.12.46. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

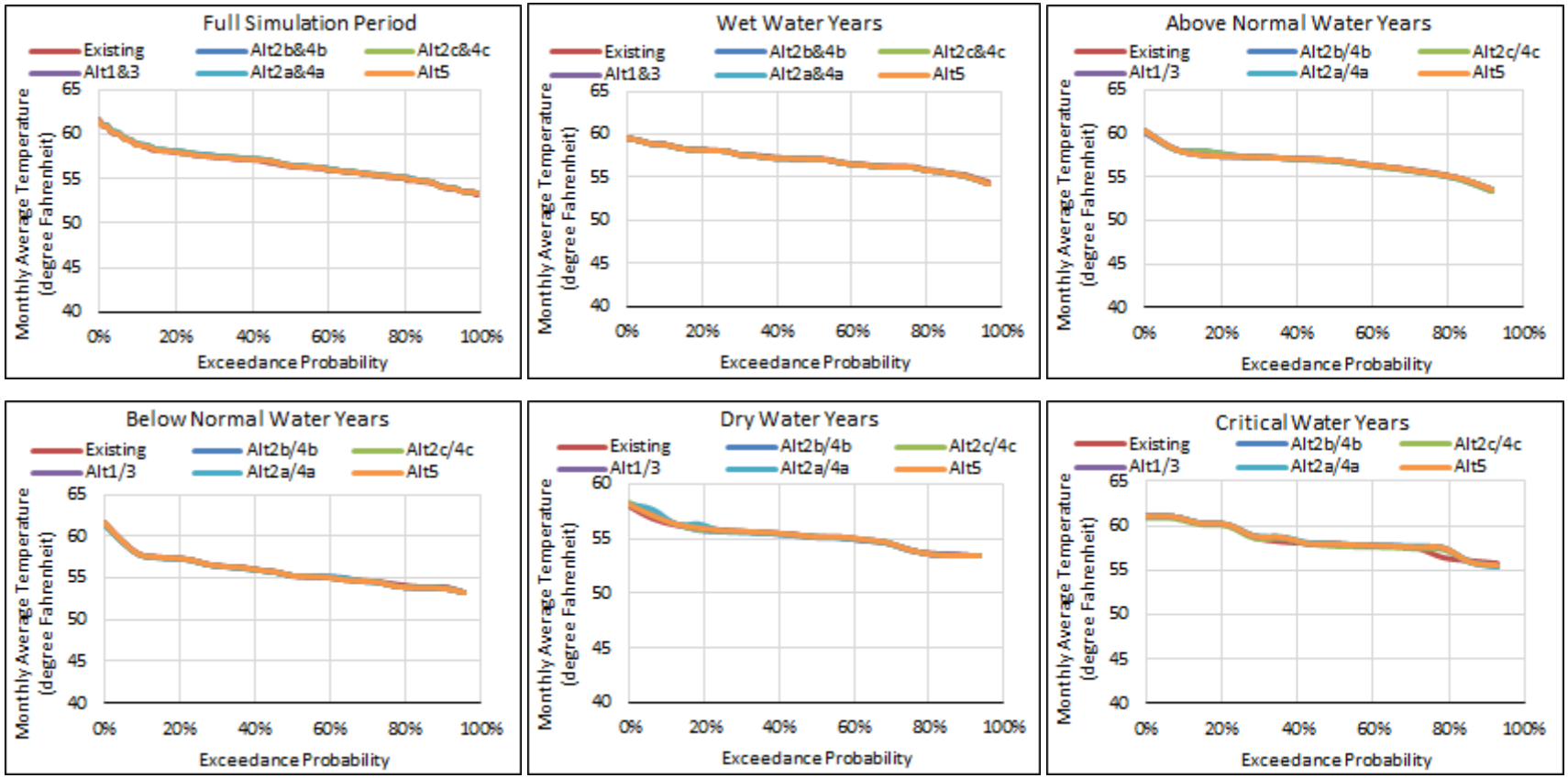


Figure 5A-D1.12.47. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

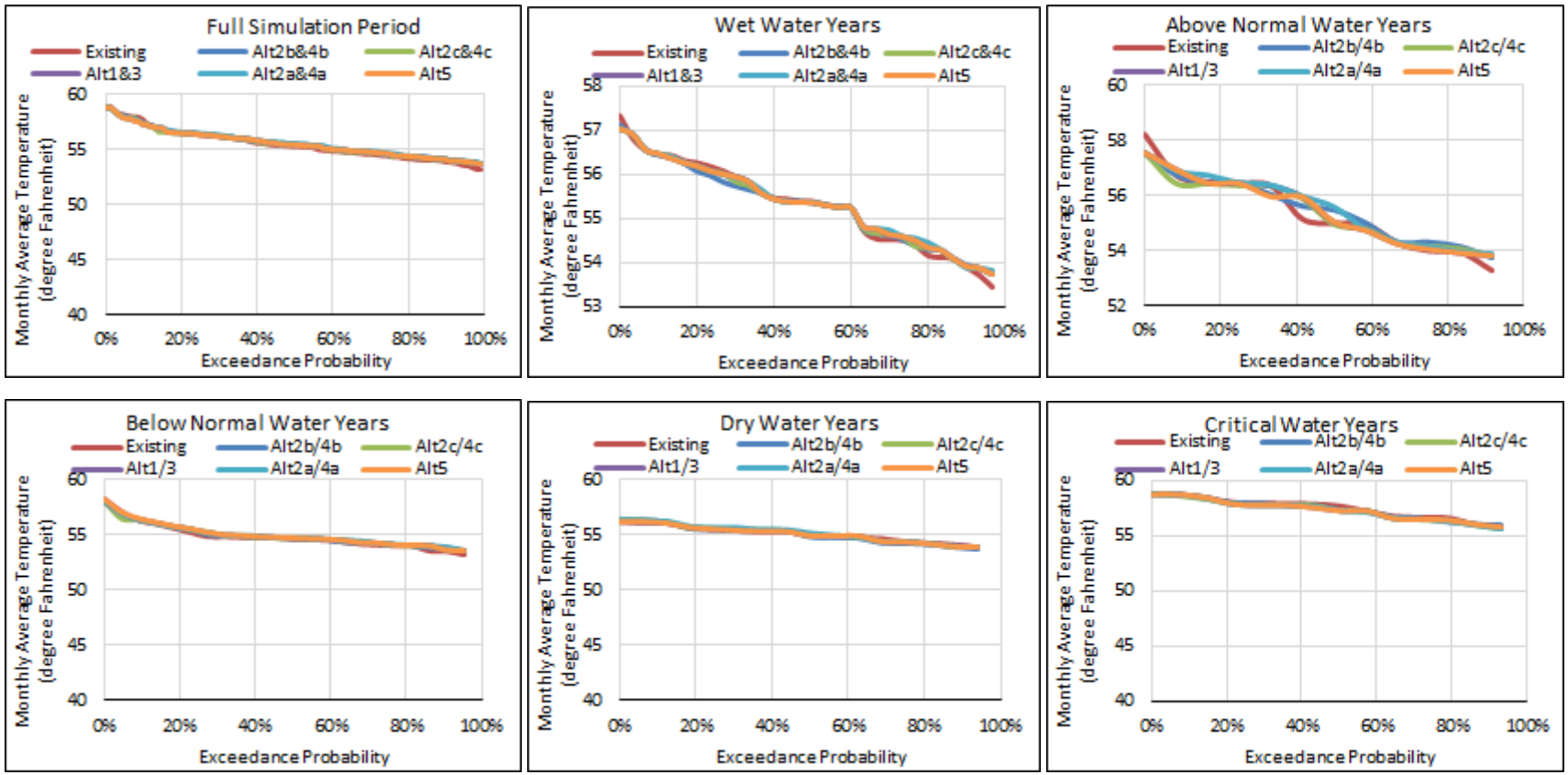


Figure 5A-D1.12.48. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

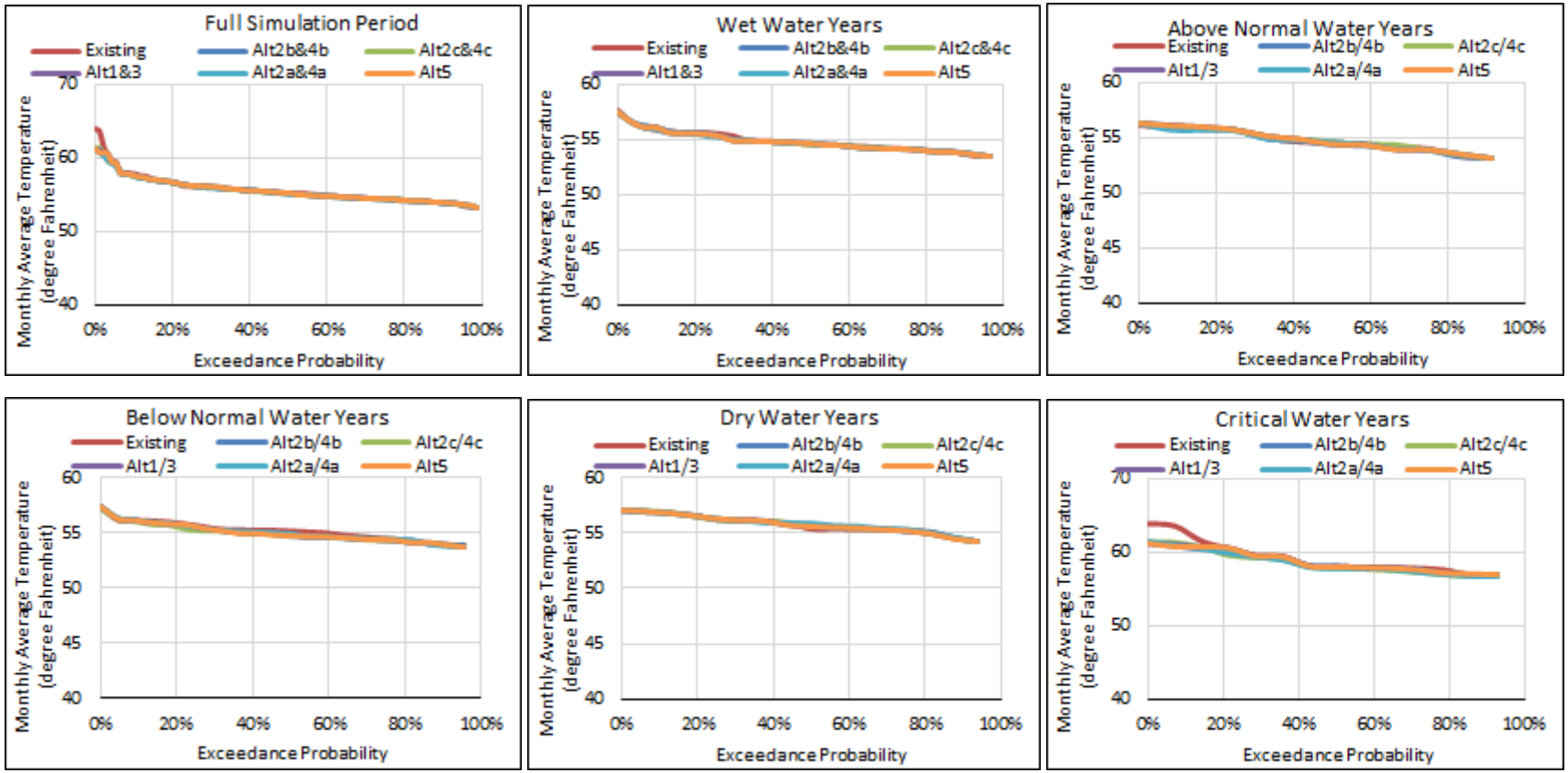
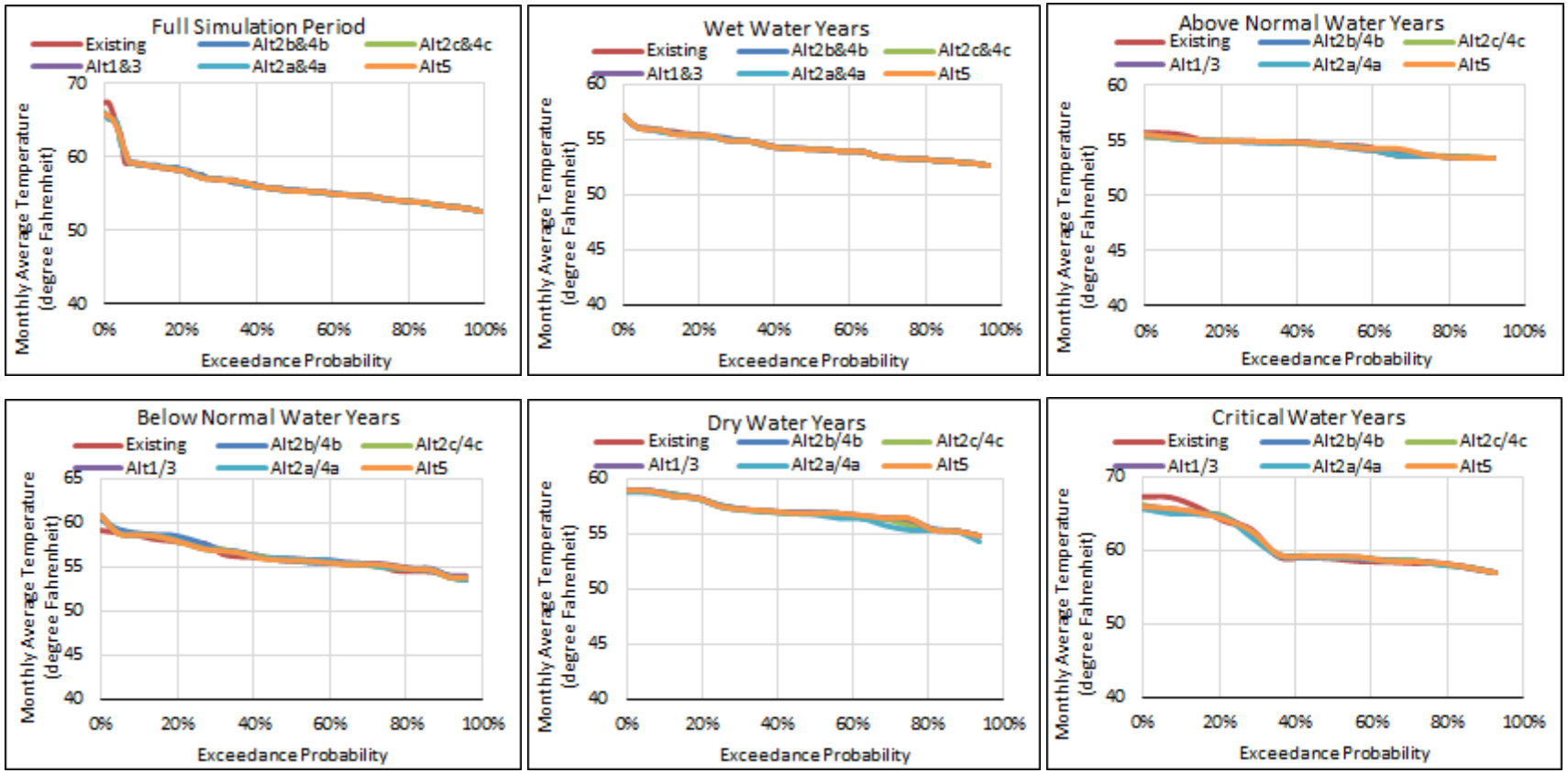


Figure 5A-D1.12.49. Sacramento River at Bend Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.13 Sacramento River Below Clear Creek

Table 5A-D1.13.1-A. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.0	55.1	53.4	50.2	49.7	52.3	56.0	56.0	54.5	53.5	53.4	55.5
20%	54.5	54.7	53.0	49.7	49.3	51.7	55.7	55.3	53.0	52.4	52.9	54.5
30%	53.8	54.5	52.8	49.0	48.9	51.2	55.3	54.9	52.2	52.1	52.3	53.4
40%	53.2	54.4	52.5	48.7	48.2	50.8	54.7	54.3	52.0	51.9	52.0	52.8
50%	52.8	54.3	52.1	48.3	47.8	50.2	54.1	54.0	51.8	51.7	51.6	52.3
60%	52.5	54.2	51.9	48.0	47.4	49.5	53.7	53.6	51.5	51.6	51.4	51.9
70%	52.2	54.0	51.5	47.6	46.8	48.8	52.8	53.2	51.2	51.4	51.1	51.5
80%	52.0	53.9	51.1	47.2	46.3	48.2	52.3	52.7	50.9	51.2	51.0	51.2
90%	51.7	53.6	50.5	46.6	45.9	47.3	51.7	52.0	50.6	51.1	50.8	50.7

Table 5A-D1.13.1-B. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	53.5	54.3	52.1	48.3	47.8	50.0	54.0	54.0	52.1	52.0	52.2	53.1
Wet Water Years	52.4	54.3	52.2	47.7	46.6	48.5	52.7	53.5	51.8	51.6	51.2	51.5
Above Normal Water Years	52.5	54.0	52.2	48.4	47.5	49.9	54.0	53.6	51.6	51.7	51.3	51.6
Below Normal Water Years	53.1	54.2	52.0	48.4	48.1	50.5	54.7	53.8	51.7	51.6	51.7	52.7
Dry Water Years	53.3	54.1	52.1	48.9	48.8	51.1	54.9	54.2	51.5	51.8	52.2	53.4
Critical Water Years	57.6	55.2	51.6	48.7	49.0	51.3	54.4	55.4	54.7	53.6	55.4	58.2

Table 5A-D1.13.1-C. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	55.7	55.1	53.3	50.2	49.7	52.3	56.2	55.9	54.6	53.4	53.4	55.3
20%	54.4	54.7	53.0	49.7	49.3	51.7	55.6	55.3	53.0	52.4	52.9	54.6
30%	53.6	54.5	52.7	49.0	48.9	51.0	55.2	54.9	52.3	52.1	52.3	53.5
40%	53.2	54.4	52.4	48.7	48.3	50.7	54.7	54.3	52.0	51.9	51.9	52.9
50%	52.8	54.3	52.1	48.3	47.8	50.2	54.1	53.9	51.8	51.8	51.7	52.4
60%	52.4	54.2	51.9	48.0	47.3	49.6	53.6	53.6	51.6	51.6	51.4	51.9
70%	52.2	54.0	51.5	47.6	46.8	48.8	52.9	53.2	51.2	51.4	51.1	51.6
80%	51.9	53.9	51.1	47.2	46.3	48.2	52.2	52.7	51.0	51.2	51.0	51.2
90%	51.7	53.6	50.4	46.5	45.9	47.3	51.7	52.0	50.5	51.1	50.7	50.8

Table 5A-D1.13.1-D. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	53.5	54.4	52.0	48.3	47.8	50.0	54.0	54.0	52.2	52.0	52.0	53.1
Wet Water Years	52.4	54.3	52.2	47.7	46.6	48.5	52.7	53.5	51.8	51.6	51.3	51.5
Above Normal Water Years	52.4	54.0	52.2	48.3	47.4	49.9	54.0	53.6	51.6	51.8	51.3	51.6
Below Normal Water Years	53.1	54.2	52.0	48.4	48.1	50.5	54.7	53.8	51.7	51.7	51.6	52.9
Dry Water Years	53.4	54.1	52.0	49.0	48.8	51.1	54.9	54.2	51.5	51.8	52.2	53.4
Critical Water Years	57.7	55.3	51.7	48.8	49.2	51.3	54.3	55.3	54.8	53.5	54.7	57.8

Table 5A-D1.13.1-E. Sacramento River Below Clear Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	-0.1	0.0	0.1	0.0	0.1	-0.1	0.1	-0.2	-0.1	-0.2
20%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1
30%	-0.2	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.1	0.0	0.0	0.0
40%	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.1
60%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
70%	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%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
90%	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1

Table 5A-D1.13.1-F. Sacramento River Below Clear Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	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 Water Years	0.1	0.1	0.1	0.1	0.1	0.0	-0.2	-0.1	0.2	-0.1	-0.7	-0.4

Table 5A-D1.13.1-G. Sacramento River Below Clear Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.4%	-0.1%	-0.1%	0.0%	0.2%	0.0%	0.2%	-0.1%	0.1%	-0.3%	-0.2%	-0.3%
20%	-0.2%	0.0%	-0.1%	0.0%	-0.1%	0.1%	-0.3%	0.0%	0.1%	-0.1%	0.0%	0.2%
30%	-0.3%	0.0%	-0.1%	-0.1%	-0.1%	-0.3%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.1%
40%	0.0%	0.1%	-0.1%	-0.1%	0.2%	-0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.2%
50%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.1%	0.0%	0.1%
60%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.1%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	0.0%
70%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%
80%	-0.1%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.2%

Table 5A-D1.13.1-H. Sacramento River Below Clear Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.3%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.1%	0.1%	0.2%	0.1%	0.3%	0.0%	-0.3%	-0.2%	0.3%	-0.3%	-1.3%	-0.6%

Table 5A-D1.13.2-A. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	55.8	55.1	53.4	50.2	49.7	52.3	56.1	55.9	54.5	53.5	53.4	55.4
20%	54.4	54.6	53.0	49.7	49.3	51.7	55.5	55.3	53.0	52.3	52.9	54.6
30%	53.6	54.5	52.7	49.0	48.8	51.1	55.2	54.8	52.3	52.2	52.2	53.5
40%	53.2	54.4	52.4	48.7	48.3	50.8	54.6	54.2	52.0	52.0	51.9	52.7
50%	52.9	54.3	52.2	48.3	47.8	50.2	54.1	53.9	51.8	51.8	51.6	52.4
60%	52.5	54.2	51.9	48.0	47.4	49.6	53.6	53.5	51.6	51.6	51.3	51.9
70%	52.2	54.0	51.5	47.6	46.8	48.8	52.9	53.2	51.2	51.4	51.1	51.6
80%	52.0	53.8	51.2	47.2	46.3	48.2	52.2	52.7	50.9	51.2	51.0	51.2
90%	51.7	53.6	50.4	46.4	45.9	47.3	51.6	52.0	50.5	51.1	50.7	50.7

Table 5A-D1.13.2-B. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	53.5	54.3	52.0	48.3	47.8	50.0	53.9	54.0	52.1	52.0	52.0	53.1
Wet Water Years	52.4	54.3	52.2	47.7	46.6	48.5	52.7	53.5	51.8	51.6	51.2	51.5
Above Normal Water Years	52.4	54.1	52.2	48.3	47.4	49.9	54.0	53.6	51.6	51.8	51.4	51.6
Below Normal Water Years	53.1	54.2	52.0	48.4	48.1	50.5	54.7	53.8	51.6	51.7	51.6	52.9
Dry Water Years	53.4	54.1	52.0	49.0	48.8	51.1	54.8	54.1	51.5	51.8	52.2	53.4
Critical Water Years	57.7	55.3	51.7	48.8	49.2	51.4	54.3	55.3	54.8	53.5	54.7	57.9

Table 5A-D1.13.2-C. Sacramento River Below Clear Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
20%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-0.1	0.0	0.1
30%	-0.2	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.2	0.1	0.0	-0.1	0.0
40%	0.0	0.0	-0.1	-0.1	0.2	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1
50%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80%	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%	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0

Table 5A-D1.13.2-D. Sacramento River Below Clear Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	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 Water Years	0.0	0.1	0.1	0.1	0.1	0.0	-0.2	-0.1	0.1	-0.1	-0.7	-0.3

Table 5A-D1.13.2-E. Sacramento River Below Clear Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%
20%	-0.2%	0.0%	-0.1%	0.0%	-0.1%	0.1%	-0.3%	0.0%	0.1%	-0.2%	-0.1%	0.2%
30%	-0.3%	0.0%	-0.1%	0.0%	-0.2%	-0.1%	0.0%	-0.3%	0.2%	0.0%	-0.2%	0.1%
40%	0.0%	0.1%	-0.1%	-0.1%	0.4%	0.0%	-0.1%	-0.2%	0.0%	0.1%	-0.2%	-0.1%
50%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.1%	-0.1%	0.1%
60%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	0.1%
70%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%
80%	-0.1%	0.0%	0.2%	0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%
90%	0.0%	0.0%	-0.1%	-0.3%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%

Table 5A-D1.13.2-F. Sacramento River Below Clear Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.3%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.1%	0.2%	0.1%	0.3%	0.1%	-0.3%	-0.2%	0.2%	-0.2%	-1.2%	-0.6%

Table 5A-D1.13.3-A. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	55.8	55.1	53.4	50.2	49.7	52.3	56.1	56.0	54.5	53.3	53.4	55.6
20%	54.4	54.7	53.0	49.7	49.3	51.7	55.5	55.4	53.0	52.5	52.9	54.5
30%	53.6	54.5	52.7	49.0	48.8	51.2	55.2	54.8	52.2	52.2	52.3	53.5
40%	53.2	54.4	52.5	48.7	48.3	50.8	54.7	54.3	52.0	52.0	51.9	52.9
50%	52.8	54.4	52.2	48.3	47.8	50.2	54.1	53.9	51.8	51.8	51.6	52.4
60%	52.5	54.2	51.8	48.0	47.3	49.5	53.7	53.6	51.6	51.6	51.4	51.9
70%	52.2	54.0	51.5	47.6	46.8	48.8	52.9	53.2	51.2	51.4	51.1	51.6
80%	52.0	53.8	51.1	47.2	46.2	48.2	52.2	52.7	50.9	51.3	51.0	51.2
90%	51.7	53.6	50.4	46.5	45.9	47.3	51.7	52.0	50.5	51.1	50.8	50.7

Table 5A-D1.13.3-B. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	53.5	54.4	52.0	48.3	47.8	50.0	54.0	54.0	52.1	52.0	52.1	53.1
Wet Water Years	52.4	54.3	52.2	47.7	46.6	48.5	52.7	53.5	51.8	51.6	51.2	51.5
Above Normal Water Years	52.4	54.1	52.2	48.3	47.4	49.9	54.0	53.6	51.6	51.8	51.4	51.6
Below Normal Water Years	53.1	54.2	52.0	48.5	48.1	50.5	54.7	53.8	51.7	51.7	51.7	52.9
Dry Water Years	53.4	54.1	52.0	49.0	48.8	51.1	55.0	54.1	51.5	51.8	52.2	53.4
Critical Water Years	57.8	55.3	51.6	48.8	49.1	51.4	54.4	55.4	54.8	53.5	54.8	58.0

Table 5A-D1.13.3-C. Sacramento River Below Clear Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	-0.2	-0.1	0.1
20%	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.2	0.1	0.0	0.1	0.0	0.0
30%	-0.2	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0	-0.1	0.1
40%	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0
60%	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.13.3-D. Sacramento River Below Clear Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.2	0.1	0.1	0.1	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.13.3-E. Sacramento River Below Clear Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3%	0.0%	-0.1%	0.0%	0.2%	0.0%	0.1%	0.1%	0.0%	-0.4%	-0.1%	0.1%
20%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.1%	0.1%	0.1%	0.0%	0.0%
30%	-0.4%	0.0%	-0.1%	-0.1%	-0.2%	-0.1%	-0.1%	-0.2%	-0.1%	0.0%	-0.1%	0.1%
40%	0.1%	0.1%	0.0%	-0.1%	0.2%	-0.1%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.3%
50%	0.1%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.2%	-0.1%	0.1%
60%	0.0%	0.0%	-0.2%	0.1%	-0.2%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%
70%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%
80%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%
90%	0.0%	0.0%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%

Table 5A-D1.13.3-F. Sacramento River Below Clear Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	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	-0.1%	0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.3%
Dry Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%
Critical Water Years	0.3%	0.1%	0.1%	0.1%	0.1%	0.1%	-0.1%	-0.1%	0.2%	-0.3%	-1.1%	-0.3%

Table 5A-D1.13.4-A. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	55.8	55.1	53.4	50.2	49.7	52.3	56.1	55.9	54.6	53.4	53.4	55.4
20%	54.4	54.7	53.0	49.7	49.3	51.7	55.6	55.4	53.0	52.5	52.9	54.5
30%	53.6	54.5	52.7	49.0	48.8	51.1	55.2	54.8	52.2	52.2	52.3	53.5
40%	53.2	54.4	52.5	48.7	48.3	50.8	54.7	54.3	52.0	52.0	52.0	52.7
50%	52.9	54.4	52.2	48.3	47.7	50.2	54.1	53.9	51.8	51.8	51.6	52.3
60%	52.4	54.2	51.8	48.1	47.3	49.5	53.6	53.6	51.6	51.7	51.4	51.9
70%	52.3	54.0	51.5	47.6	46.8	48.9	52.8	53.2	51.2	51.4	51.1	51.6
80%	51.9	53.9	51.1	47.2	46.3	48.2	52.3	52.7	51.0	51.3	51.0	51.2
90%	51.5	53.6	50.4	46.4	45.9	47.3	51.7	52.0	50.5	51.1	50.8	50.7

Table 5A-D1.13.4-B. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	53.5	54.4	52.0	48.3	47.8	50.0	54.0	54.0	52.2	52.0	52.0	53.1
Wet Water Years	52.4	54.3	52.2	47.8	46.6	48.5	52.7	53.5	51.8	51.6	51.2	51.5
Above Normal Water Years	52.4	54.1	52.2	48.3	47.4	49.9	54.0	53.6	51.6	51.8	51.3	51.5
Below Normal Water Years	53.1	54.2	52.0	48.4	48.1	50.5	54.7	53.8	51.7	51.7	51.7	52.8
Dry Water Years	53.3	54.1	52.0	49.0	48.8	51.1	54.9	54.1	51.5	51.8	52.2	53.3
Critical Water Years	57.7	55.3	51.7	48.8	49.1	51.4	54.3	55.3	54.9	53.5	54.7	57.8

Table 5A-D1.13.4-C. Sacramento River Below Clear Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	-0.2	-0.1	-0.1
20%	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0
30%	-0.2	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2	0.0	0.0	0.0	0.1
40%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
50%	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0
60%	0.0	0.0	-0.1	0.1	-0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.0
70%	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
80%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
90%	-0.2	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0

Table 5A-D1.13.4-D. Sacramento River Below Clear Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	-0.1	0.1
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	-0.1
Critical Water Years	0.0	0.1	0.1	0.1	0.1	0.1	-0.1	-0.1	0.2	-0.2	-0.8	-0.4

Table 5A-D1.13.4-E. Sacramento River Below Clear Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.4%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%	-0.1%	0.1%	-0.3%	-0.1%	-0.1%
20%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.1%	0.1%	0.1%	0.0%	0.0%
30%	-0.3%	0.0%	-0.1%	-0.1%	-0.2%	-0.2%	-0.1%	-0.3%	0.0%	0.0%	0.0%	0.1%
40%	0.1%	0.1%	0.0%	0.0%	0.3%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%	-0.1%
50%	0.1%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.2%	-0.1%	0.0%
60%	-0.1%	0.0%	-0.2%	0.2%	-0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.1%
70%	0.1%	0.0%	0.1%	-0.2%	0.0%	0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%
80%	-0.1%	0.0%	0.2%	0.1%	0.1%	0.0%	0.0%	-0.1%	0.2%	0.1%	0.0%	-0.1%
90%	-0.3%	0.0%	-0.1%	-0.3%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%

Table 5A-D1.13.4-F. Sacramento River Below Clear Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	-0.2%	-0.1%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.2%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.2%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.2%
Dry Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	-0.2%
Critical Water Years	0.1%	0.2%	0.2%	0.1%	0.2%	0.1%	-0.2%	-0.2%	0.3%	-0.3%	-1.4%	-0.6%

Table 5A-D1.13.5-A. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	55.8	55.1	53.4	50.2	49.8	52.3	56.1	56.0	54.5	53.3	53.4	55.6
20%	54.4	54.7	53.0	49.7	49.3	51.7	55.6	55.4	53.0	52.5	52.9	54.5
30%	53.6	54.5	52.7	49.0	48.8	51.2	55.2	54.8	52.1	52.2	52.3	53.5
40%	53.2	54.4	52.5	48.7	48.3	50.8	54.6	54.3	52.0	52.0	51.9	53.0
50%	52.8	54.4	52.2	48.3	47.8	50.2	54.1	53.9	51.8	51.8	51.6	52.4
60%	52.5	54.2	51.8	48.0	47.3	49.5	53.7	53.5	51.6	51.6	51.4	51.9
70%	52.2	54.0	51.5	47.6	46.8	48.8	52.9	53.2	51.2	51.4	51.1	51.6
80%	52.0	53.8	51.1	47.2	46.2	48.2	52.2	52.7	50.9	51.2	51.0	51.2
90%	51.7	53.6	50.4	46.5	45.8	47.3	51.7	52.0	50.5	51.1	50.8	50.8

Table 5A-D1.13.5-B. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	53.5	54.4	52.0	48.3	47.8	50.0	54.0	54.0	52.1	52.0	52.1	53.1
Wet Water Years	52.4	54.3	52.2	47.7	46.6	48.5	52.7	53.5	51.8	51.6	51.2	51.5
Above Normal Water Years	52.4	54.1	52.2	48.3	47.4	49.9	54.0	53.6	51.6	51.8	51.4	51.6
Below Normal Water Years	53.1	54.2	52.0	48.5	48.1	50.5	54.7	53.8	51.7	51.7	51.7	52.8
Dry Water Years	53.4	54.1	52.0	49.0	48.8	51.1	55.0	54.1	51.5	51.8	52.2	53.4
Critical Water Years	57.8	55.3	51.6	48.8	49.1	51.4	54.4	55.4	54.8	53.5	54.8	58.0

Table 5A-D1.13.5-C. Sacramento River Below Clear Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	-0.2	-0.1	0.1
20%	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.2	0.1	0.0	0.0	0.0	0.0
30%	-0.2	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0	-0.1	0.1
40%	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0
60%	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1

Table 5A-D1.13.5-D. Sacramento River Below Clear Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.2	0.1	0.1	0.1	0.1	0.0	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.13.5-E. Sacramento River Below Clear Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%	0.1%	0.0%	-0.4%	-0.1%	0.2%
20%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.1%	0.1%	0.1%	0.0%	0.0%
30%	-0.4%	0.1%	-0.1%	-0.1%	-0.2%	-0.1%	-0.1%	-0.2%	-0.1%	0.0%	-0.1%	0.2%
40%	0.1%	0.1%	0.0%	-0.1%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.3%
50%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.2%	-0.1%	0.1%
60%	0.0%	0.0%	-0.2%	0.1%	-0.2%	-0.2%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%
80%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%	0.2%

Table 5A-D1.13.5-F. Sacramento River Below Clear Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	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	-0.1%	0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.2%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%
Critical Water Years	0.3%	0.1%	0.1%	0.1%	0.1%	0.1%	-0.1%	-0.1%	0.2%	-0.3%	-1.1%	-0.3%

Figure 5A-D1.13.1. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

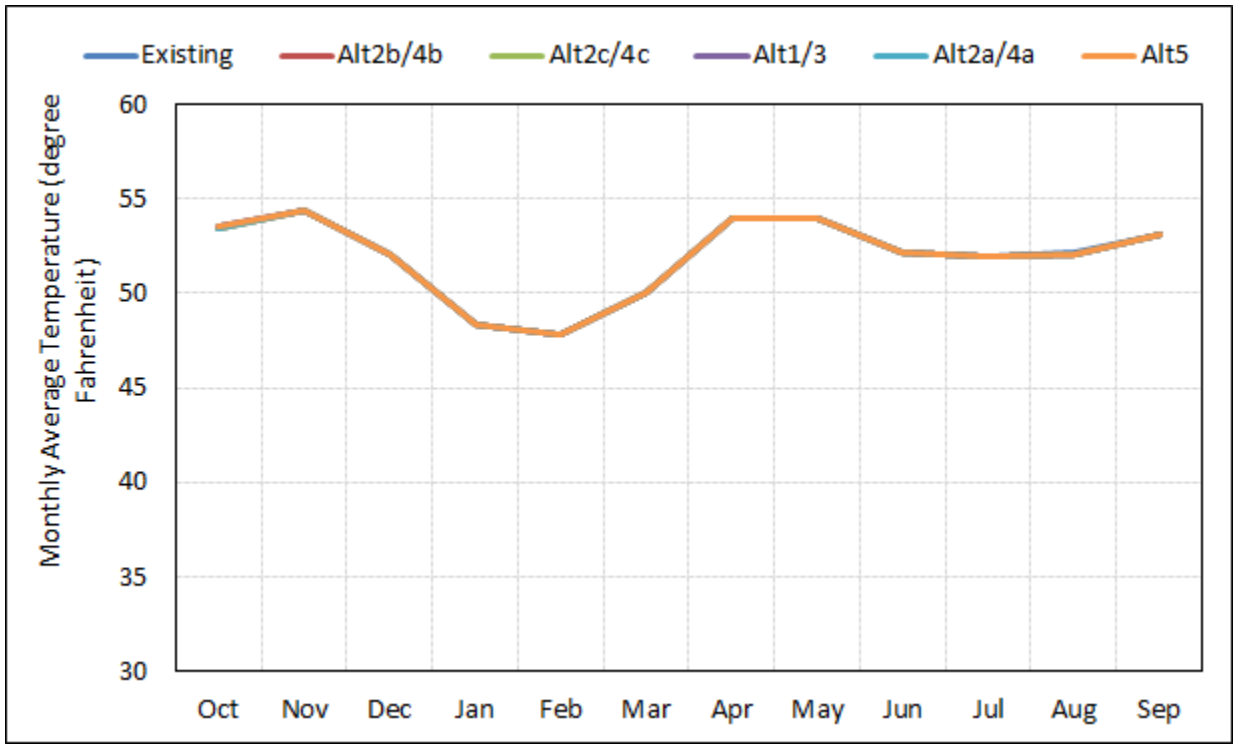


Figure 5A-D1.13.2. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

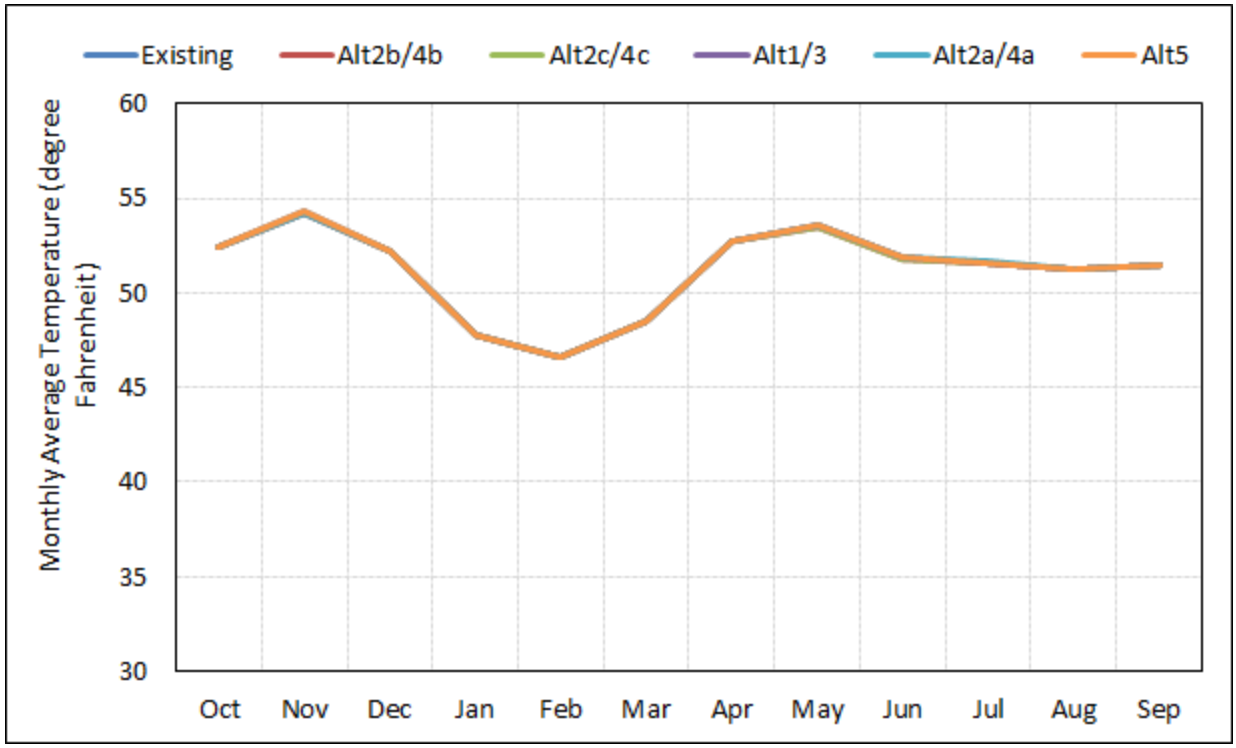


Figure 5A-D1.13.3. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

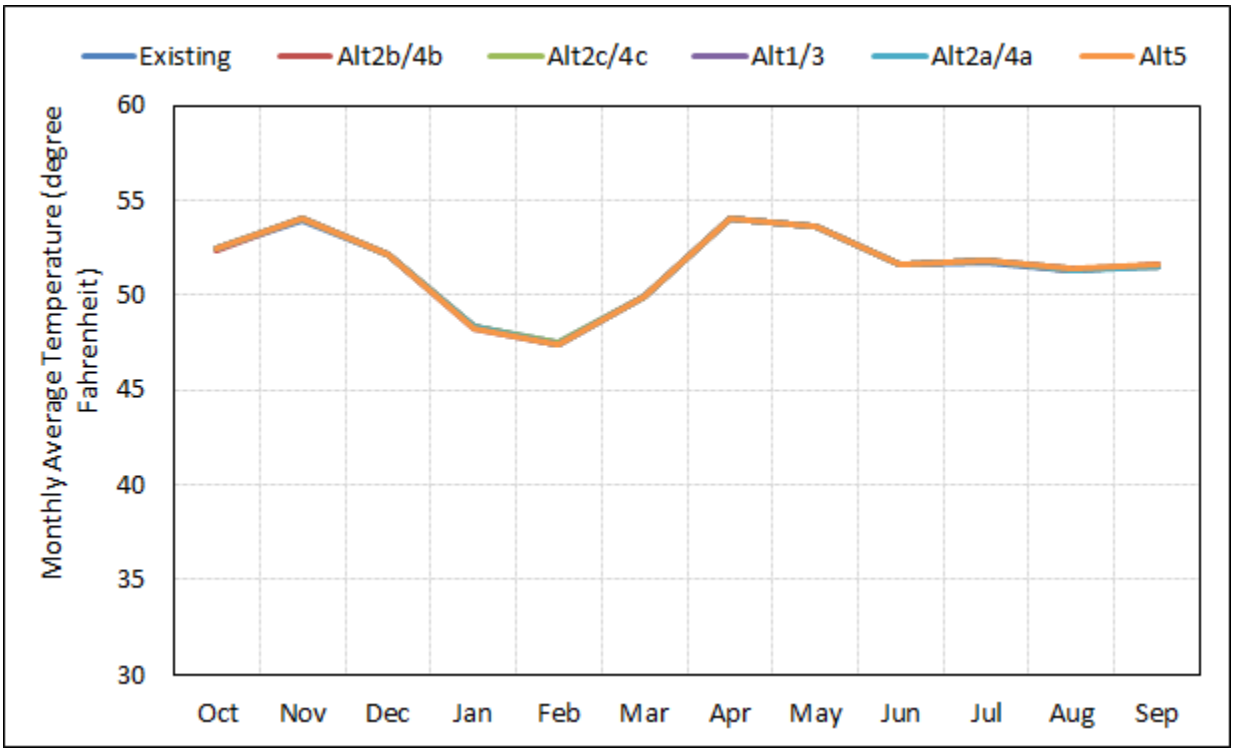


Figure 5A-D1.13.4. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

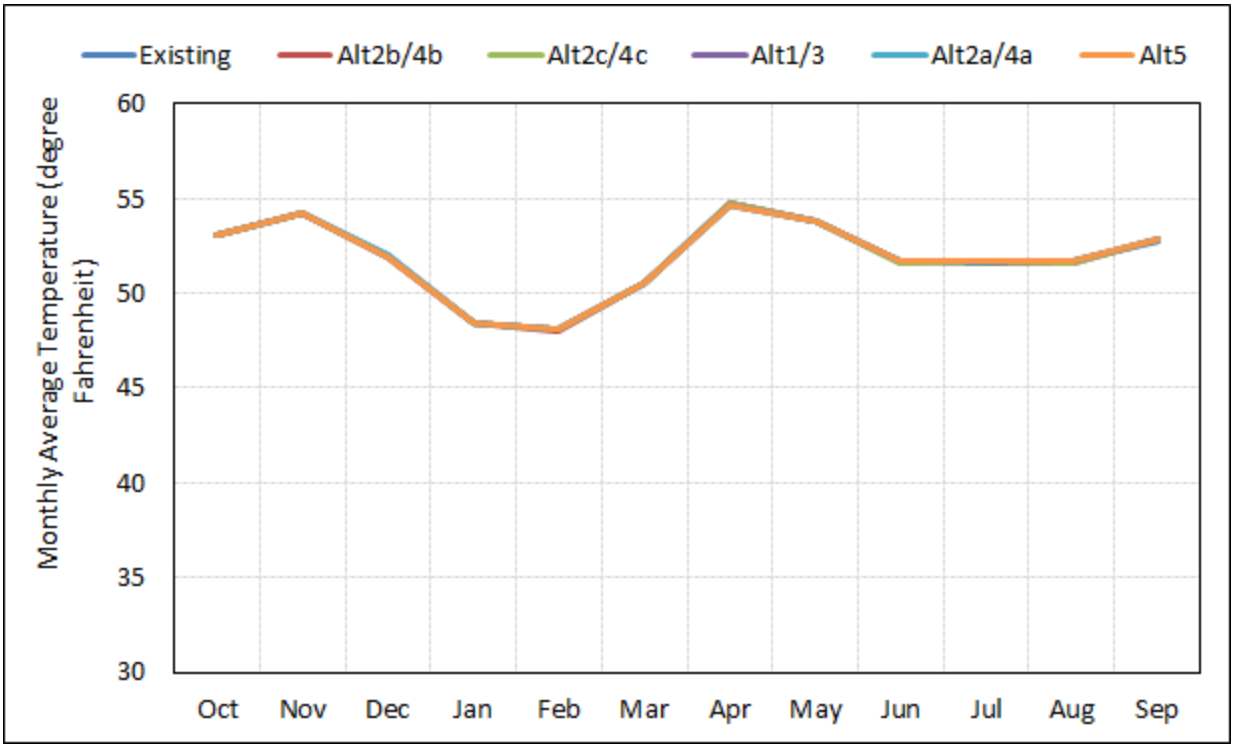


Figure 5A-D1.13.5. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

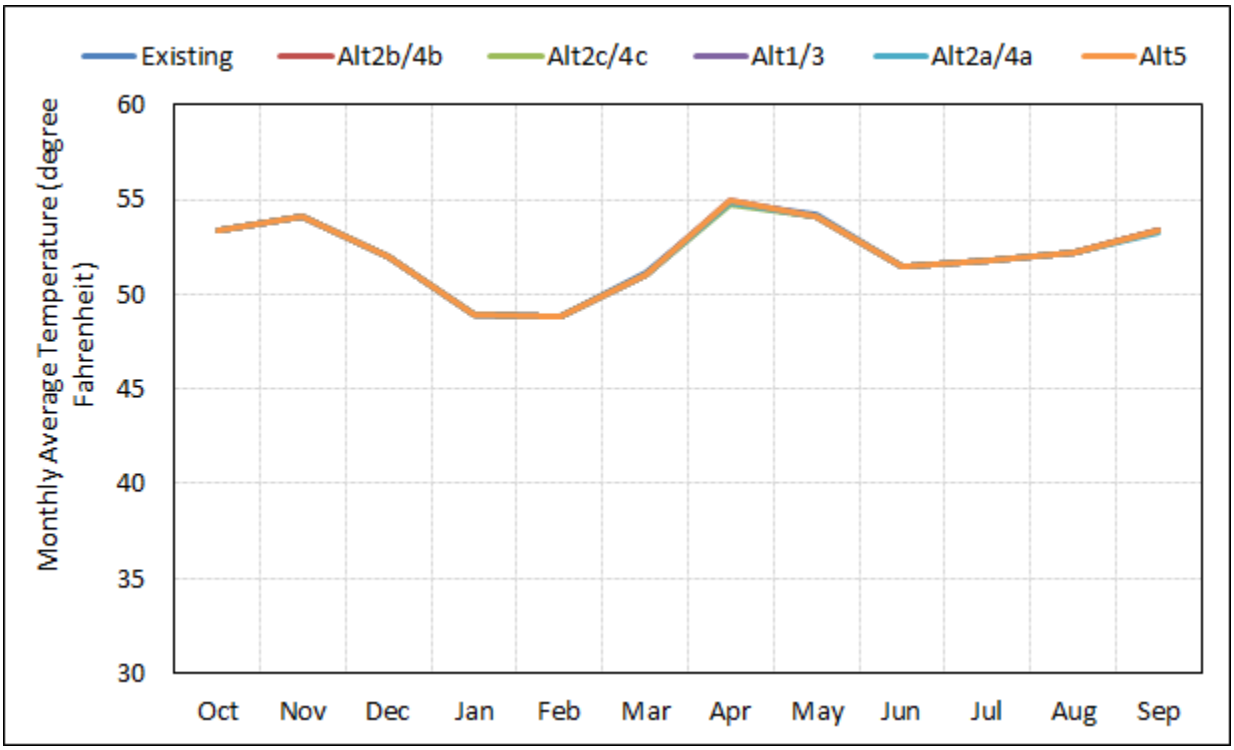


Figure 5A-D1.13.6. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

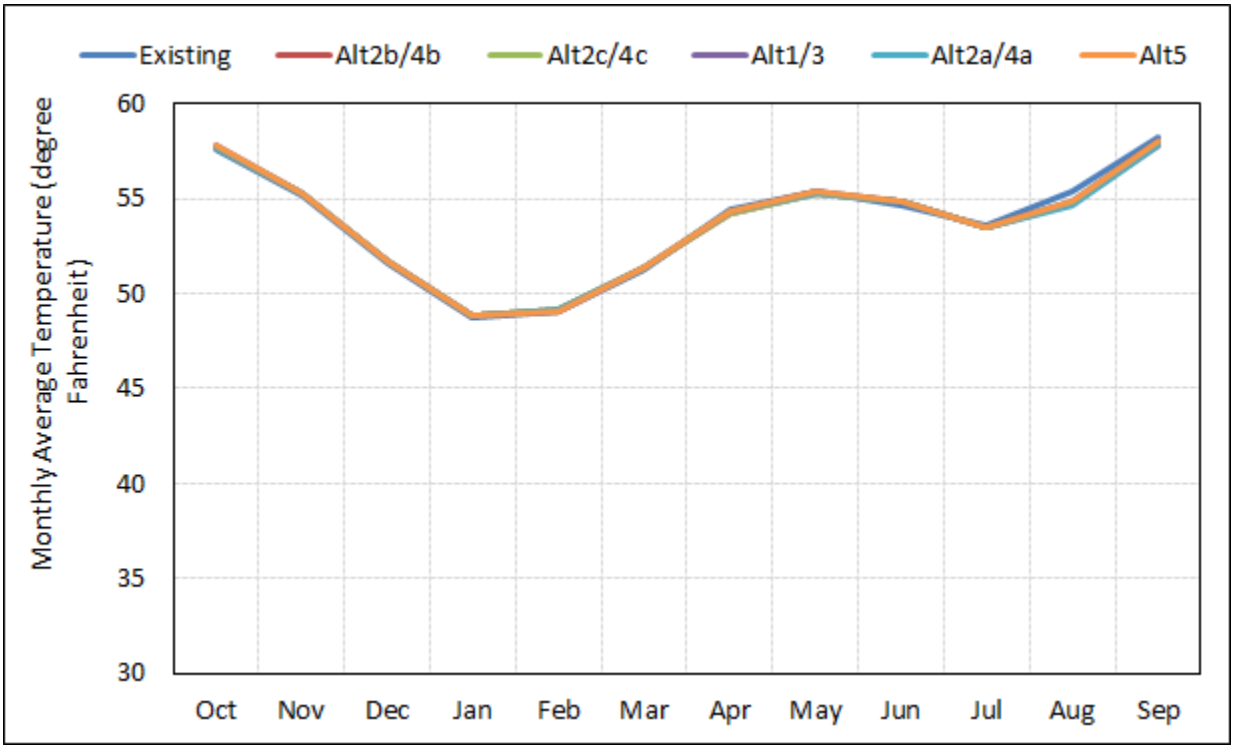


Figure 5A-D1.13.7. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

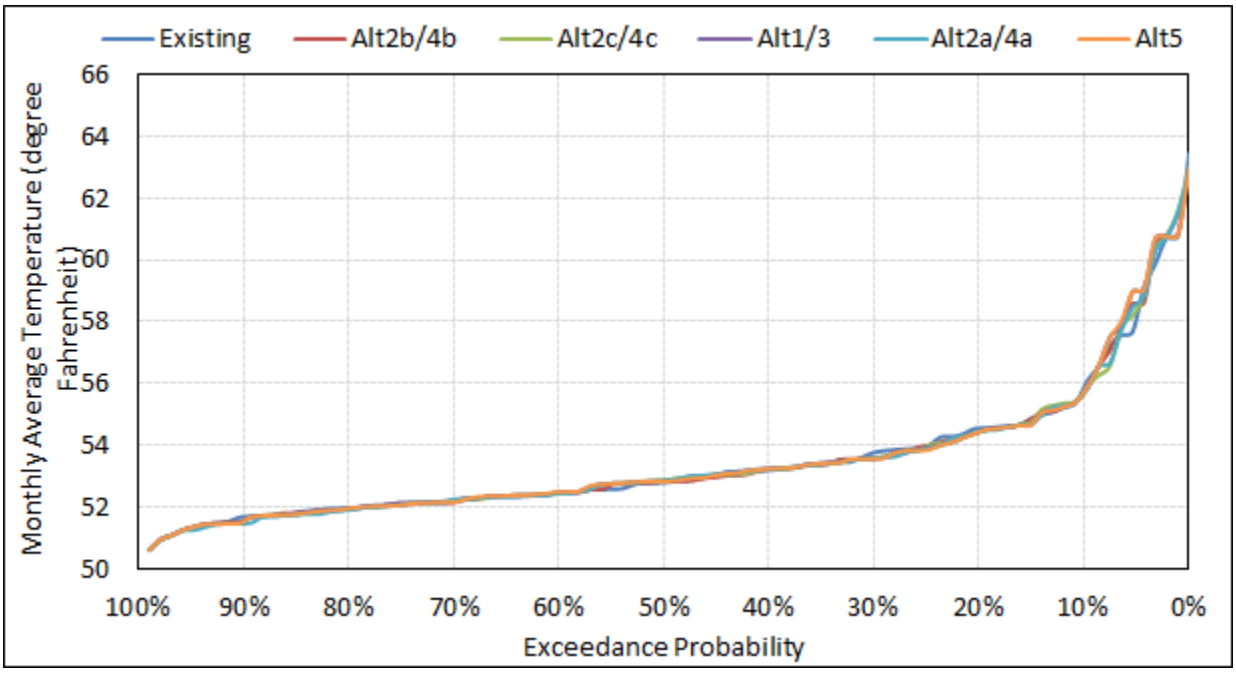


Figure 5A-D1.13.8. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

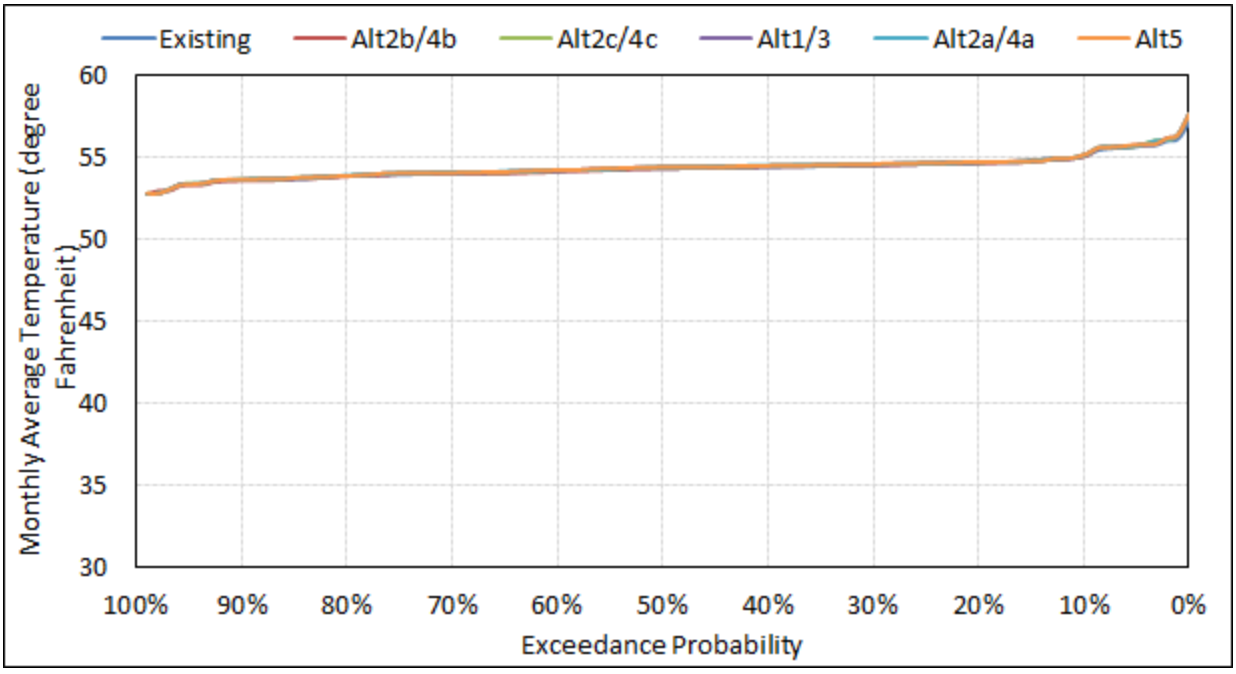


Figure 5A-D1.13.9. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

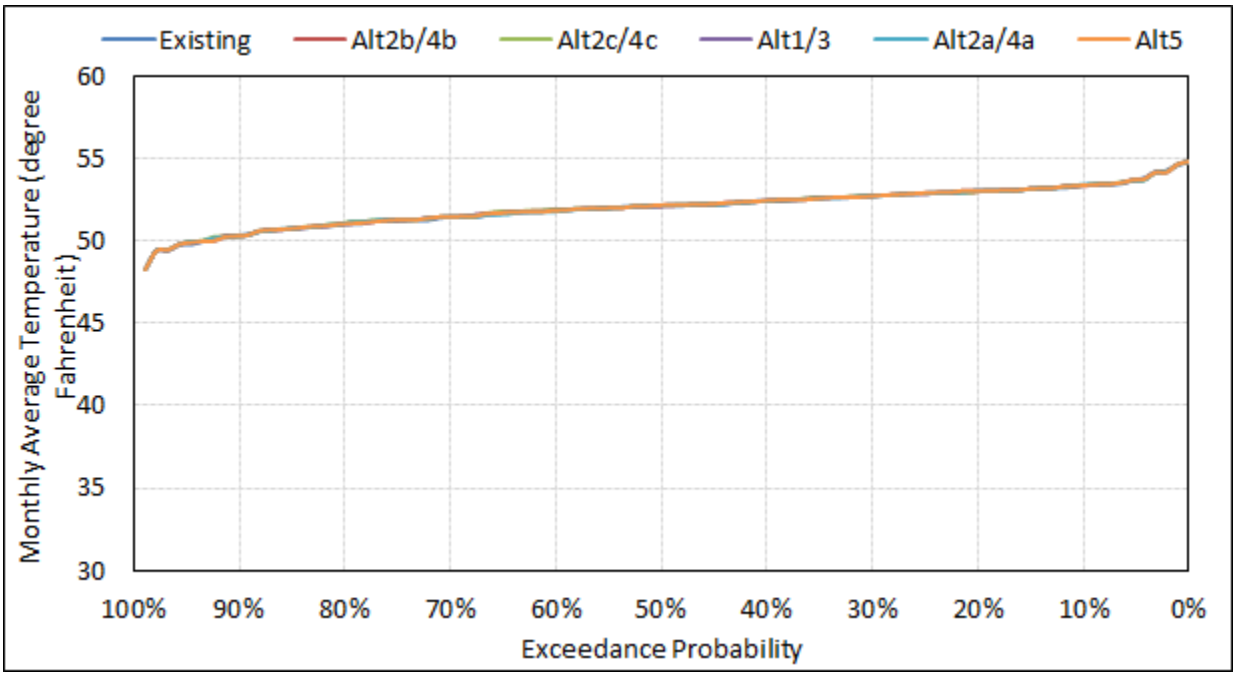


Figure 5A-D1.13.10. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

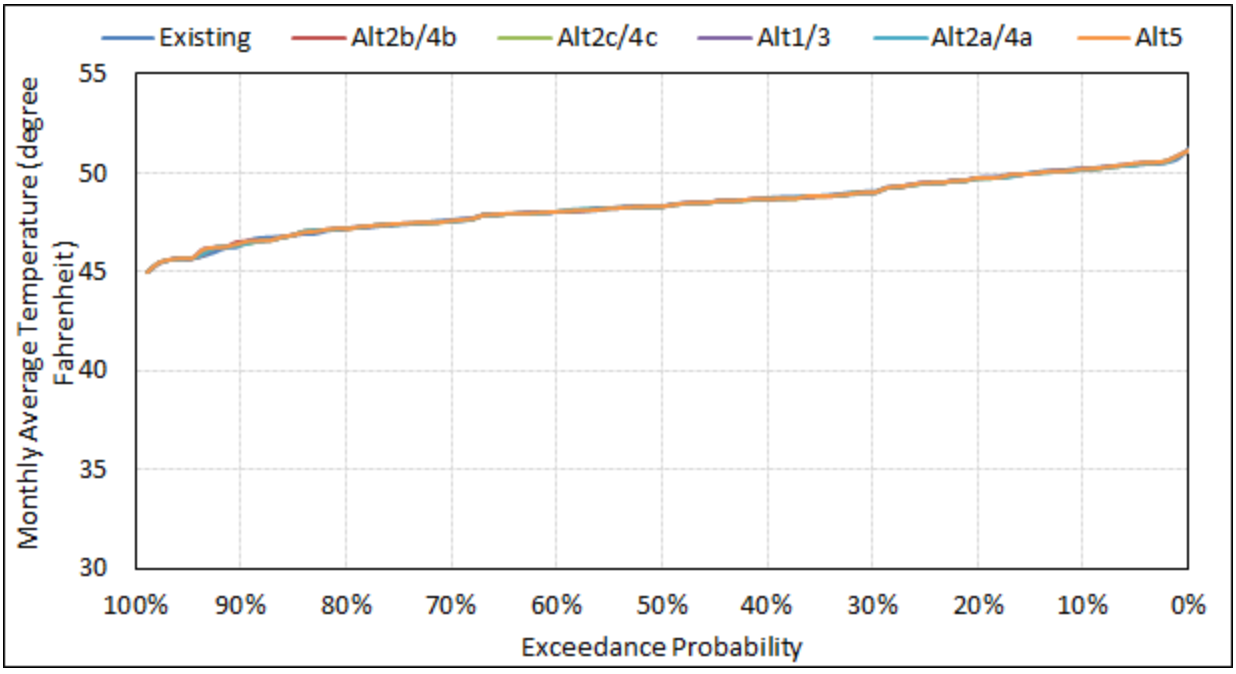


Figure 5A-D1.13.11. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

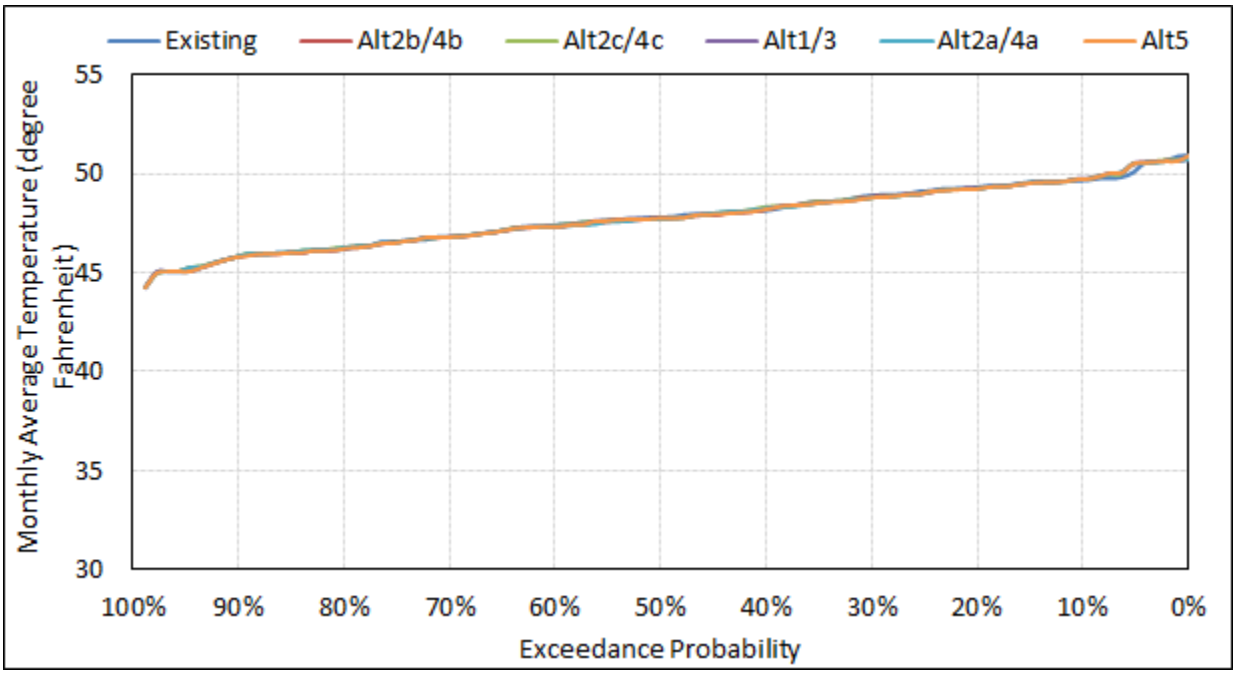


Figure 5A-D1.13.12. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

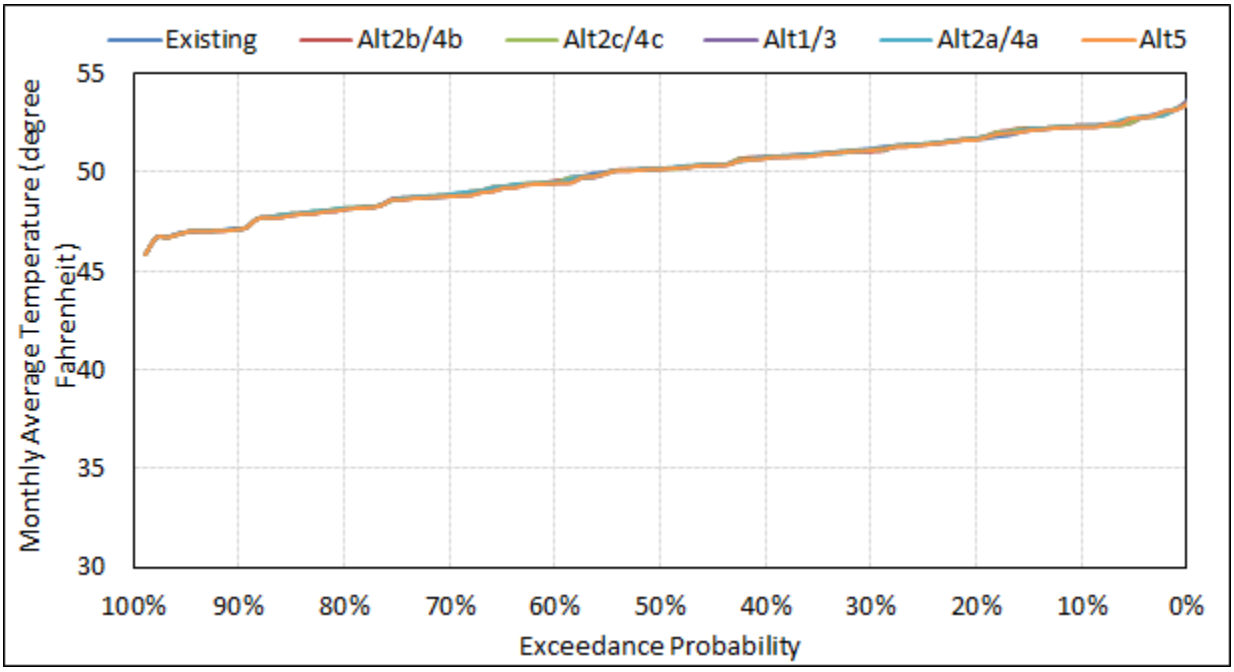


Figure 5A-D1.13.13. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

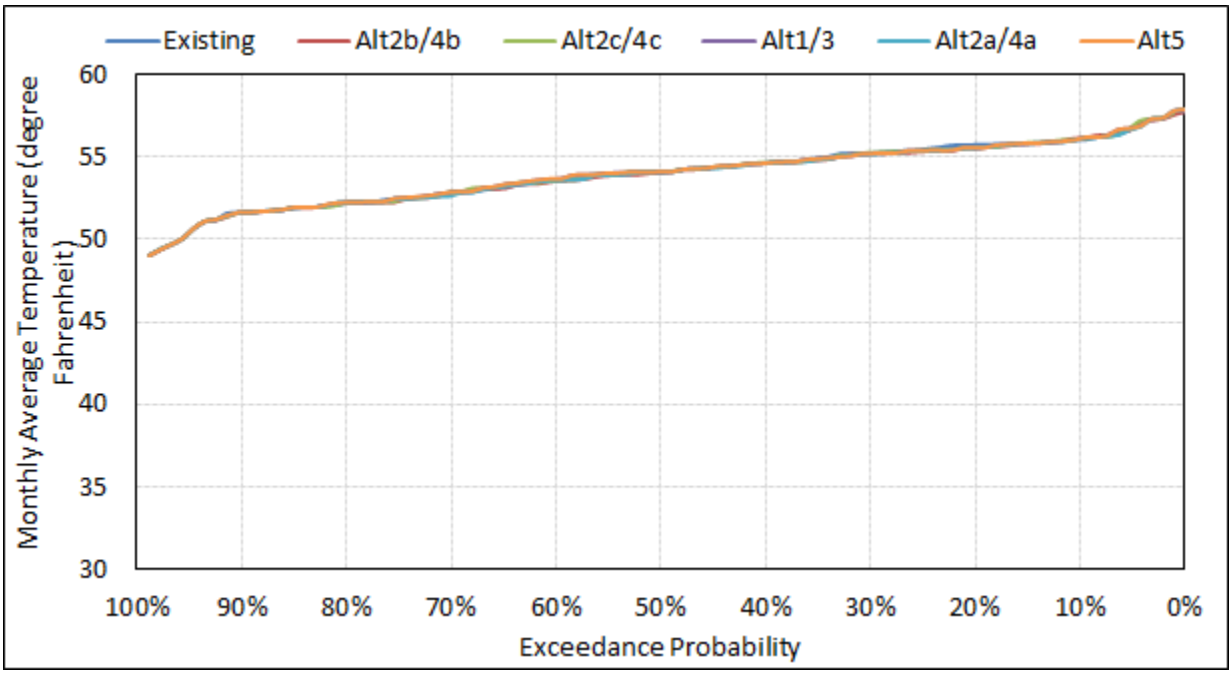


Figure 5A-D1.13.14. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

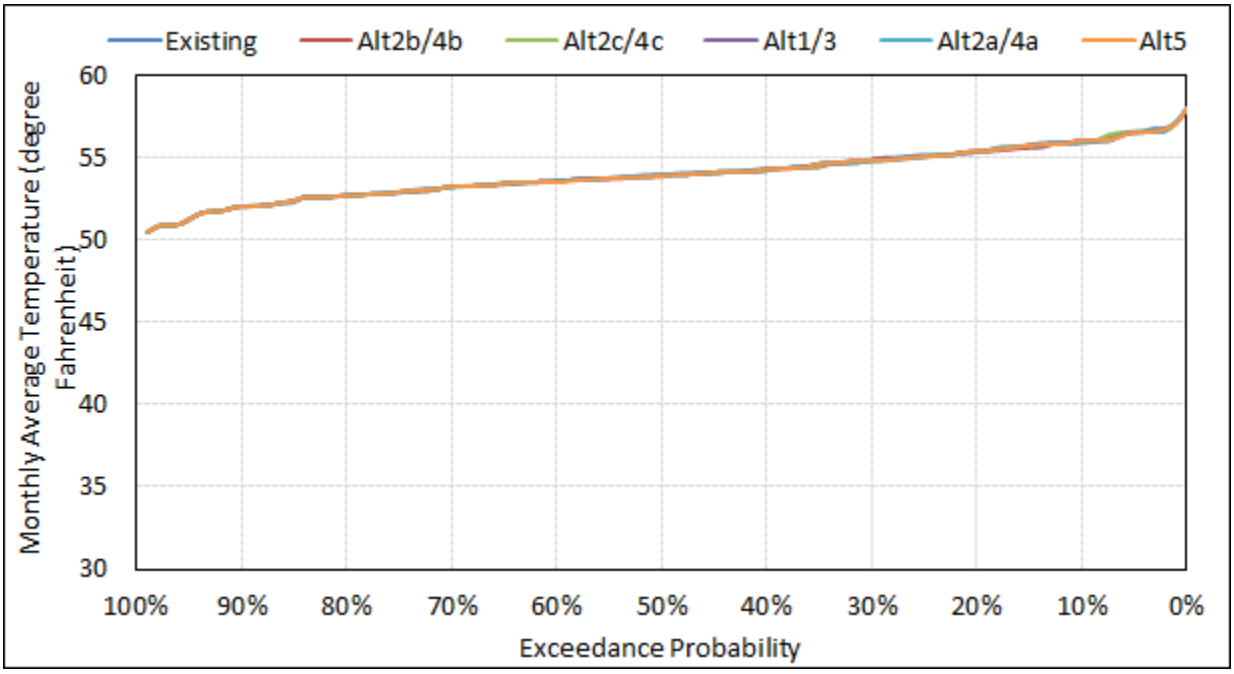


Figure 5A-D1.13.15. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

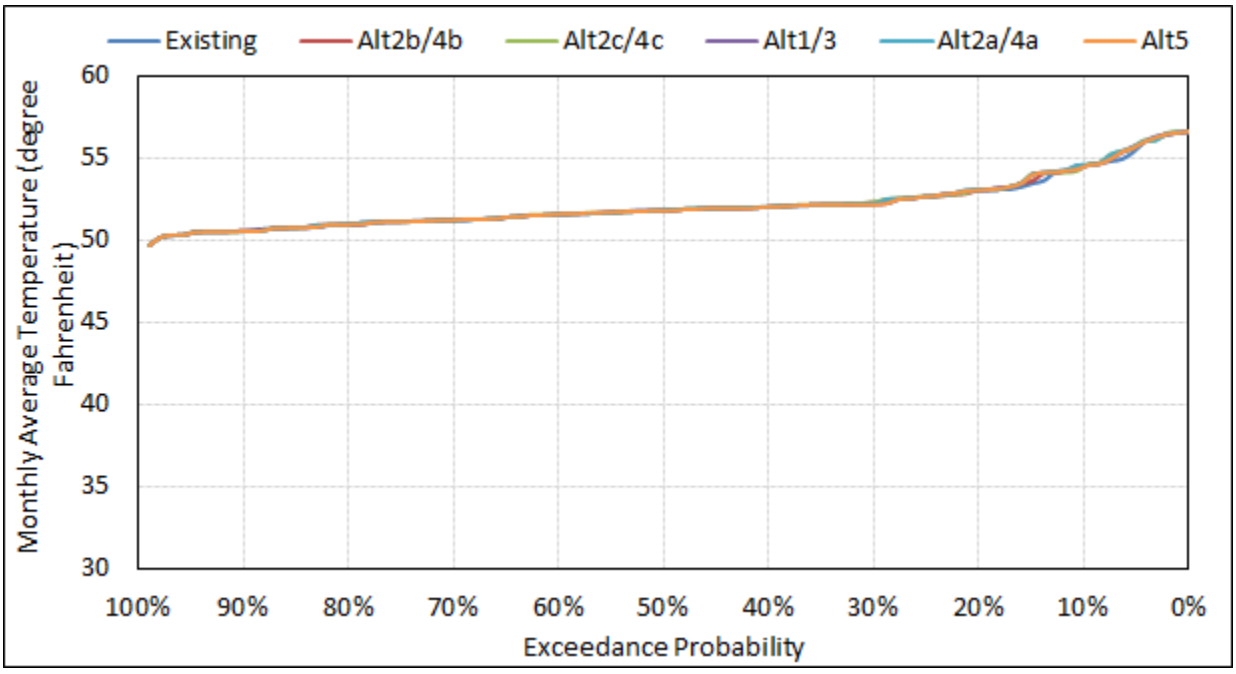


Figure 5A-D1.13.16. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

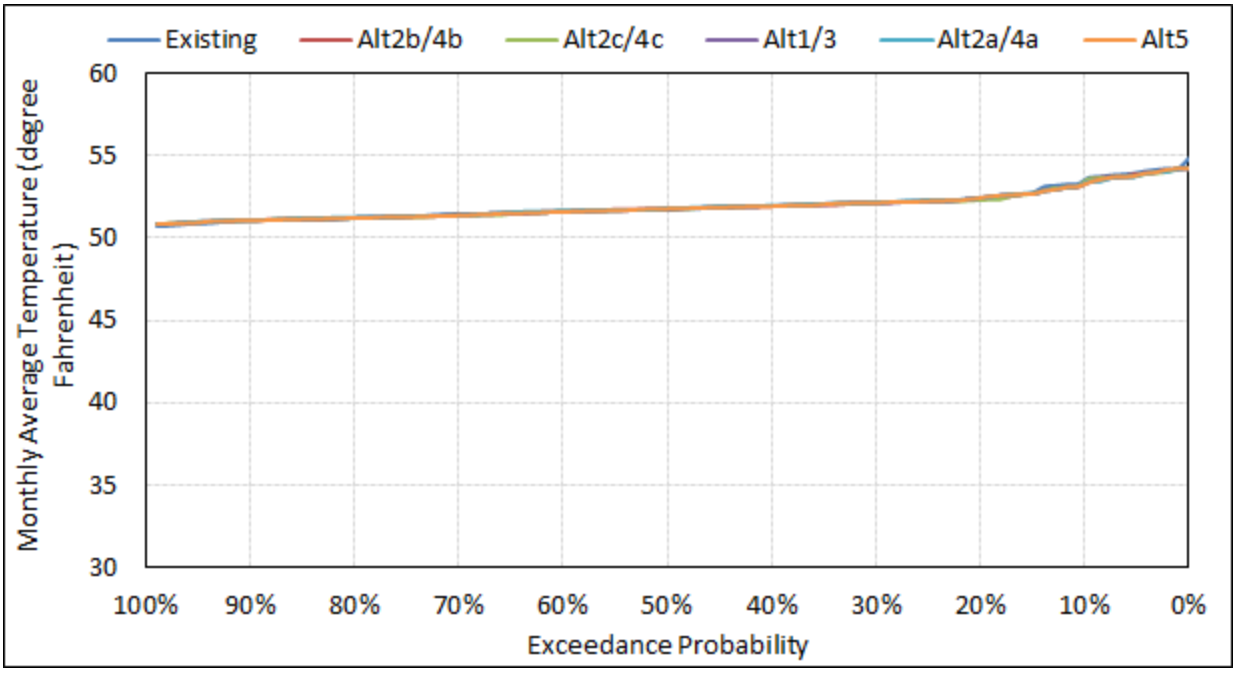


Figure 5A-D1.13.17. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

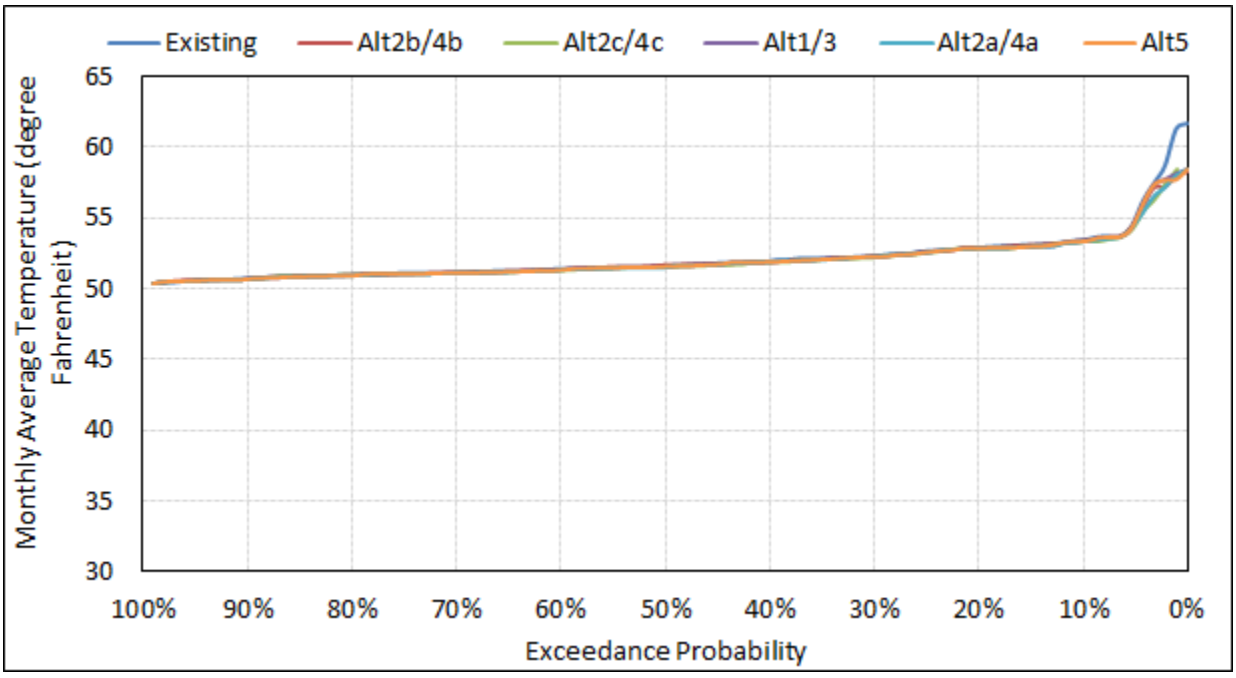


Figure 5A-D1.13.18. Sacramento River Below Clear Creek, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

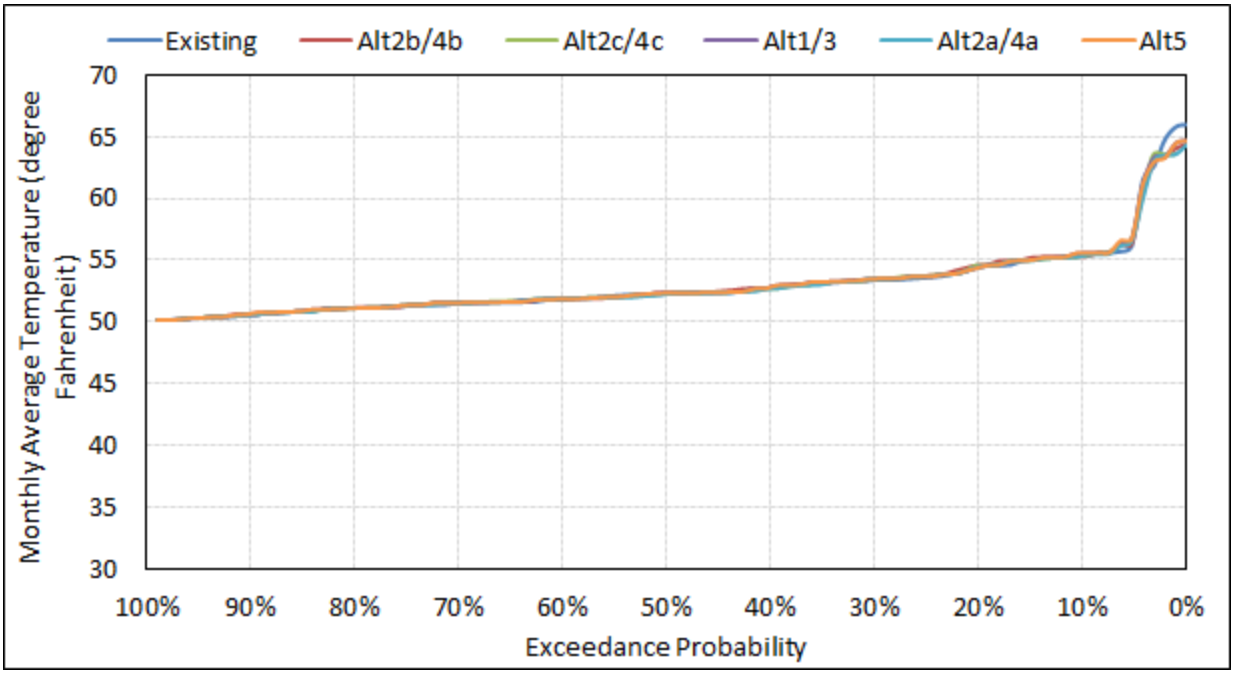
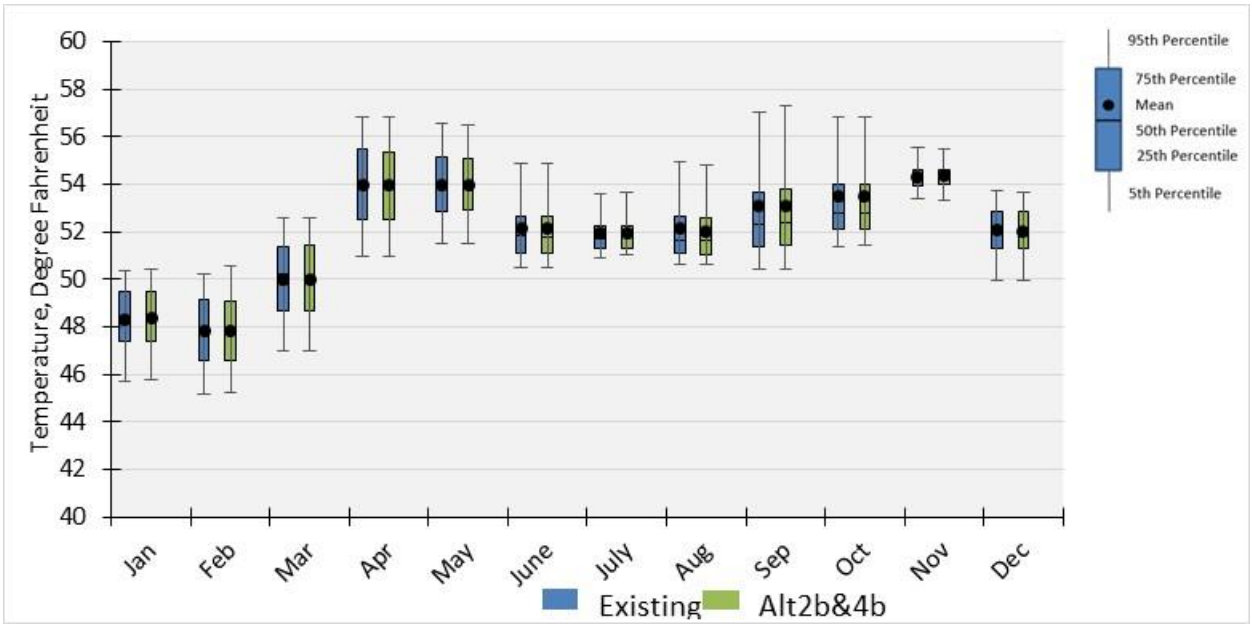


Figure 5A-D1.13.19. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



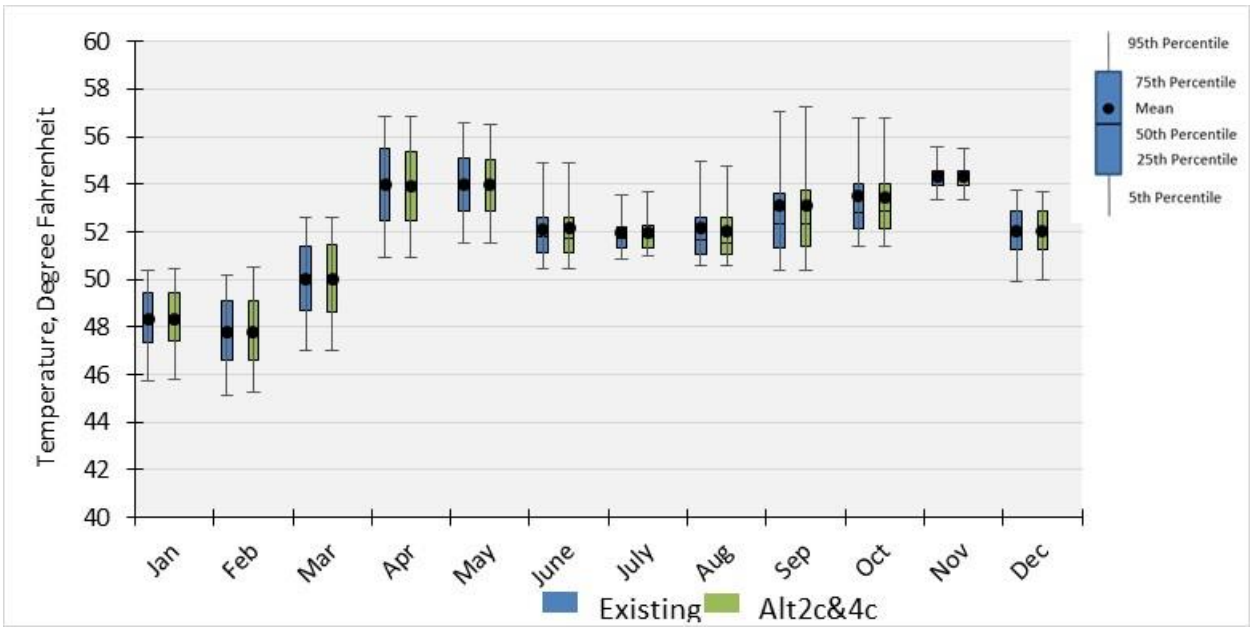
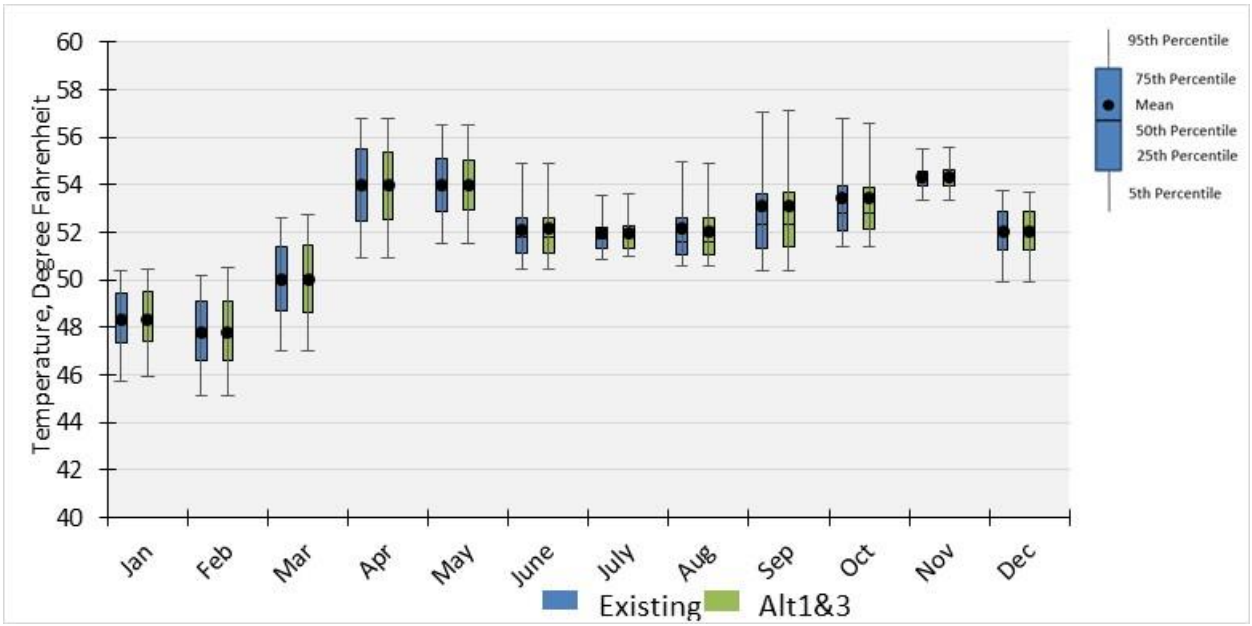


Figure 5A-D1.13.20. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



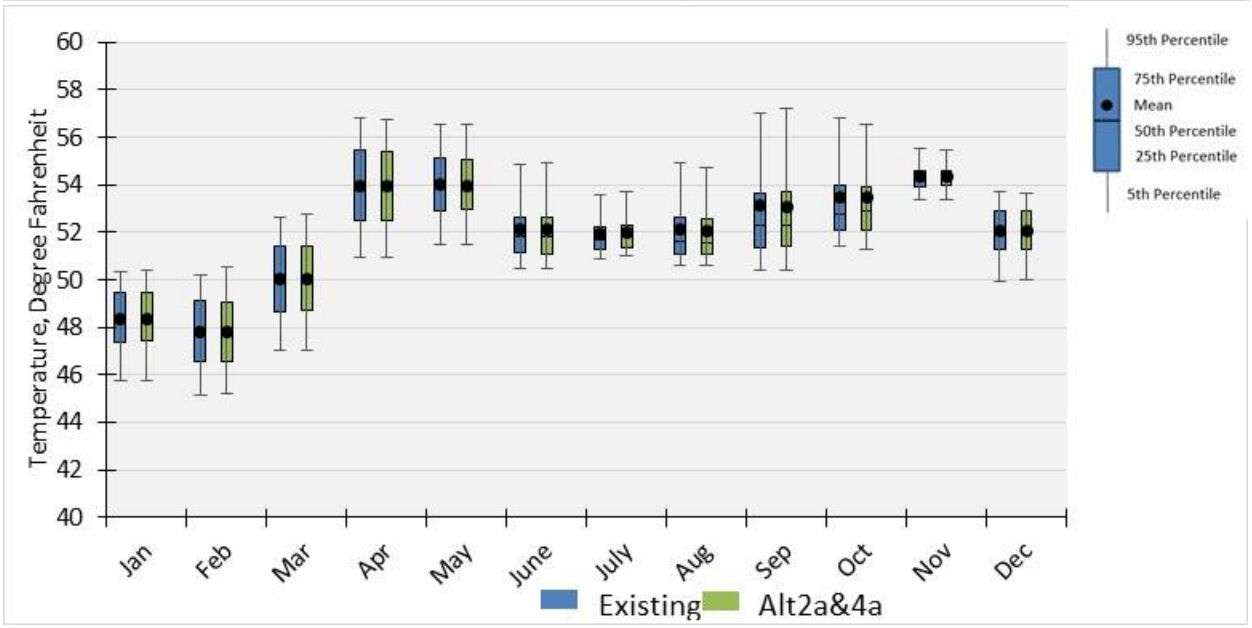


Figure 5A-D1.13.21. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

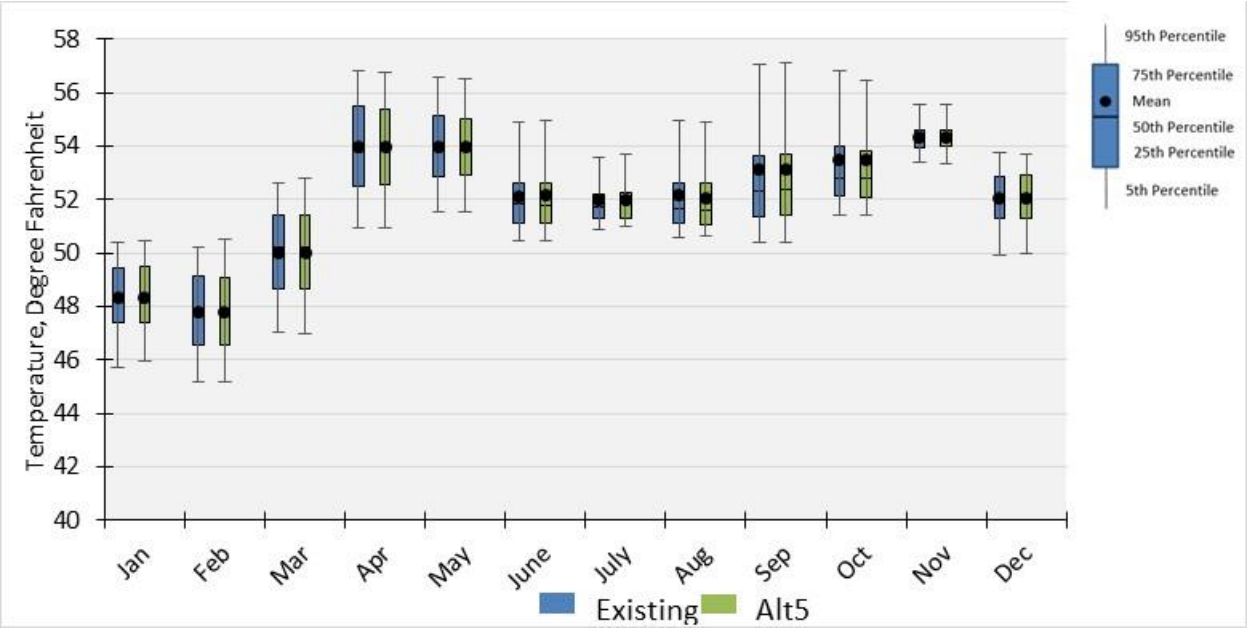


Figure 5A-D1.13.22. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions

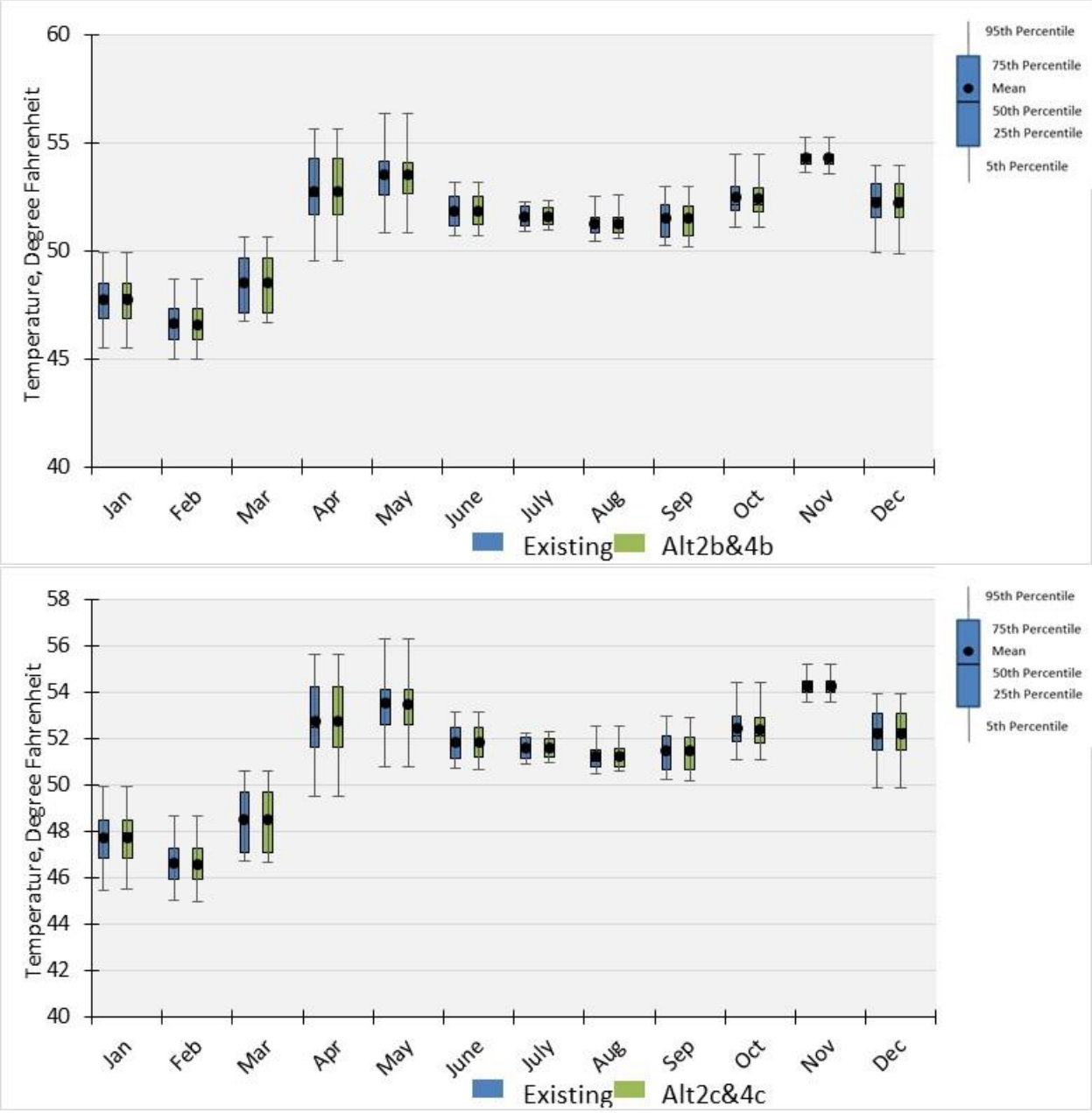


Figure 5A-D1.13.23. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

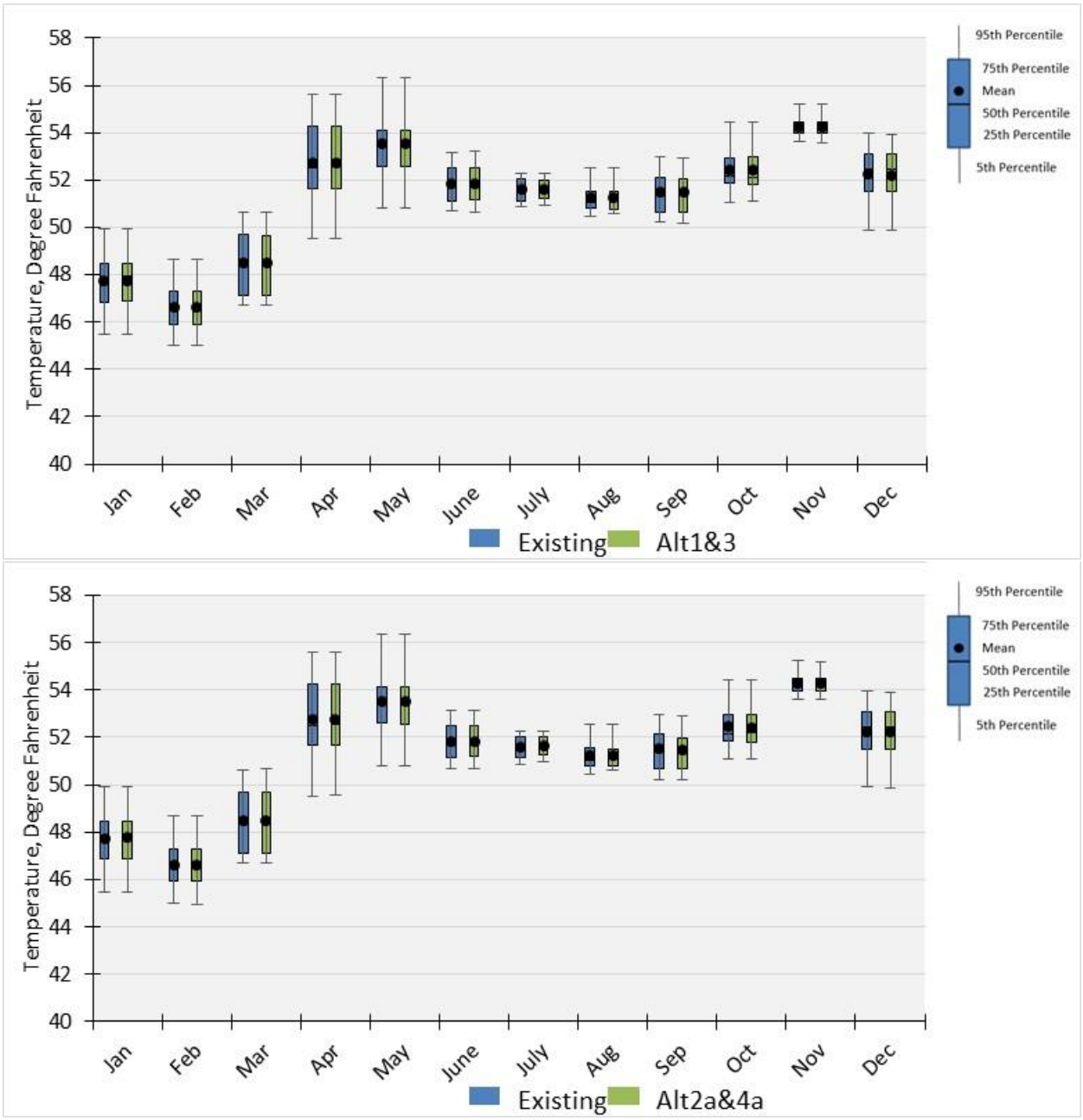


Figure 5A-D1.13.24. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

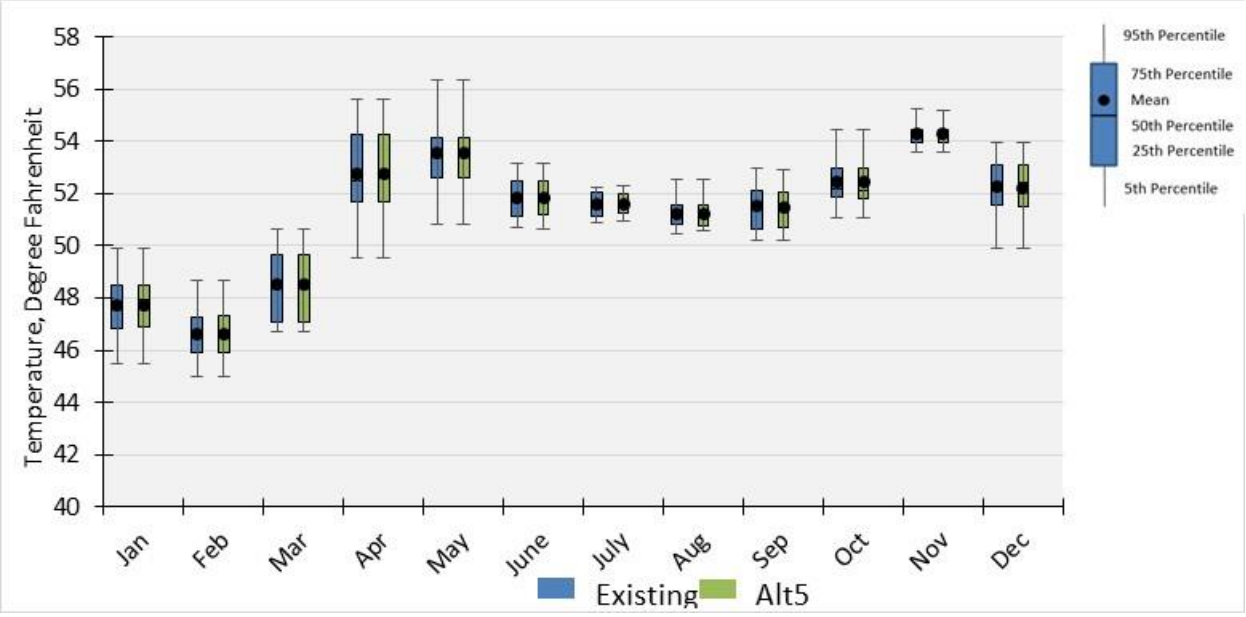
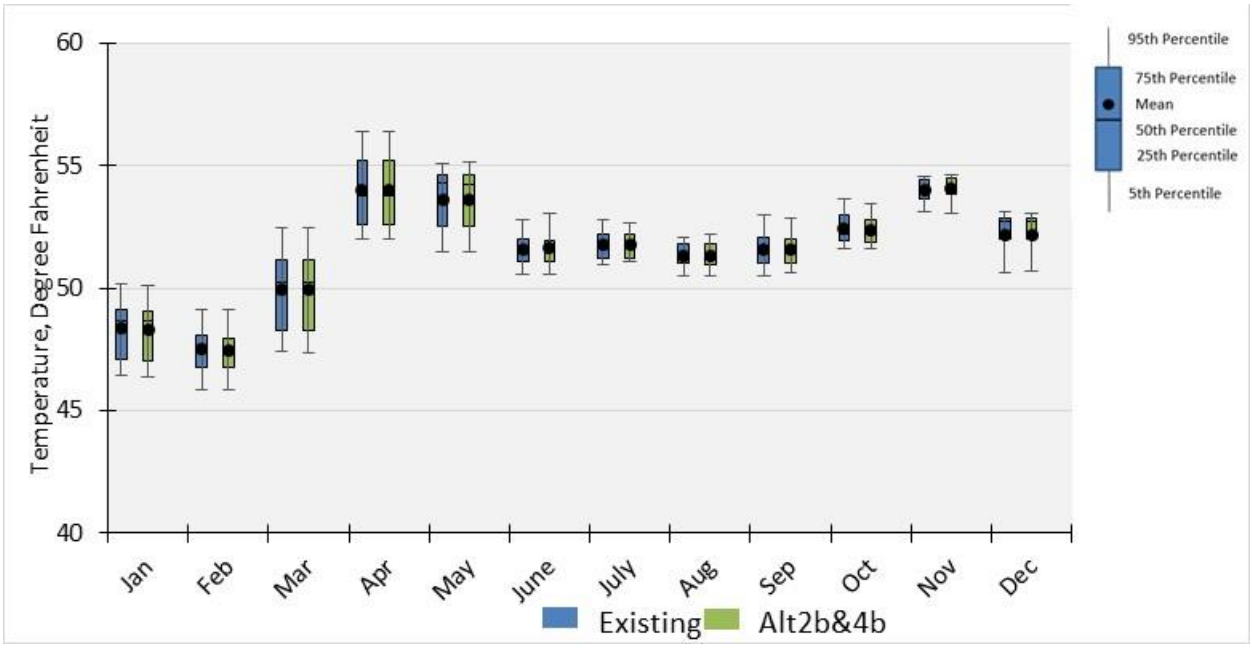


Figure 5A-D1.13.25. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



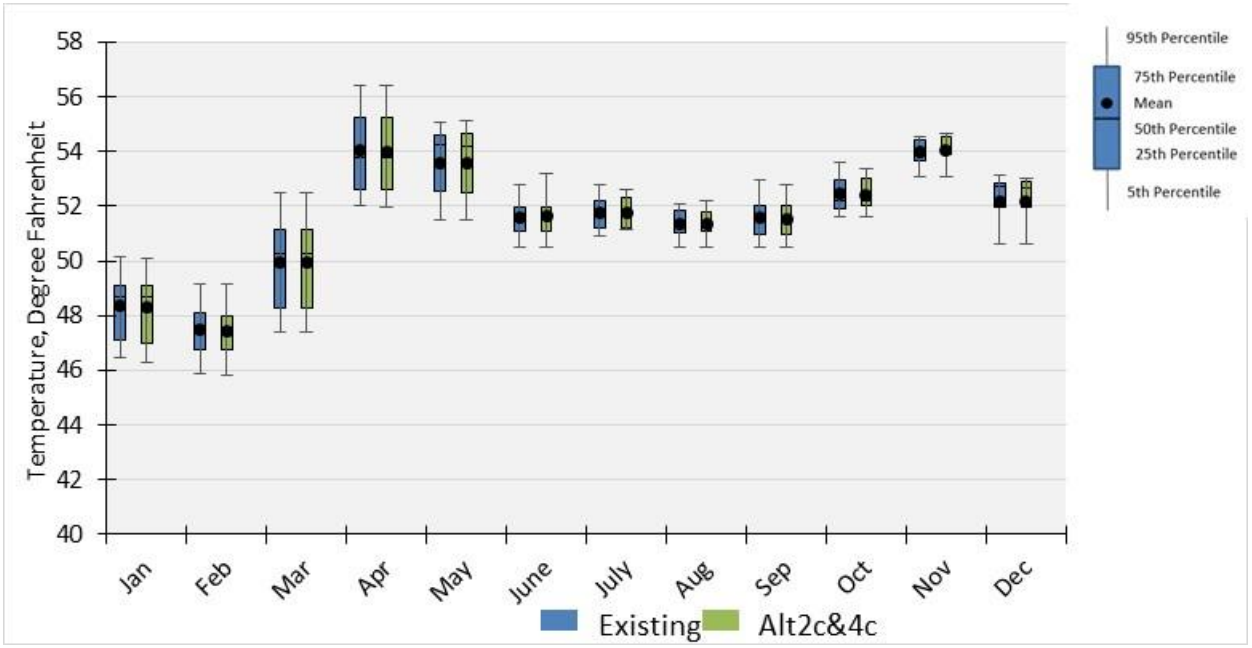
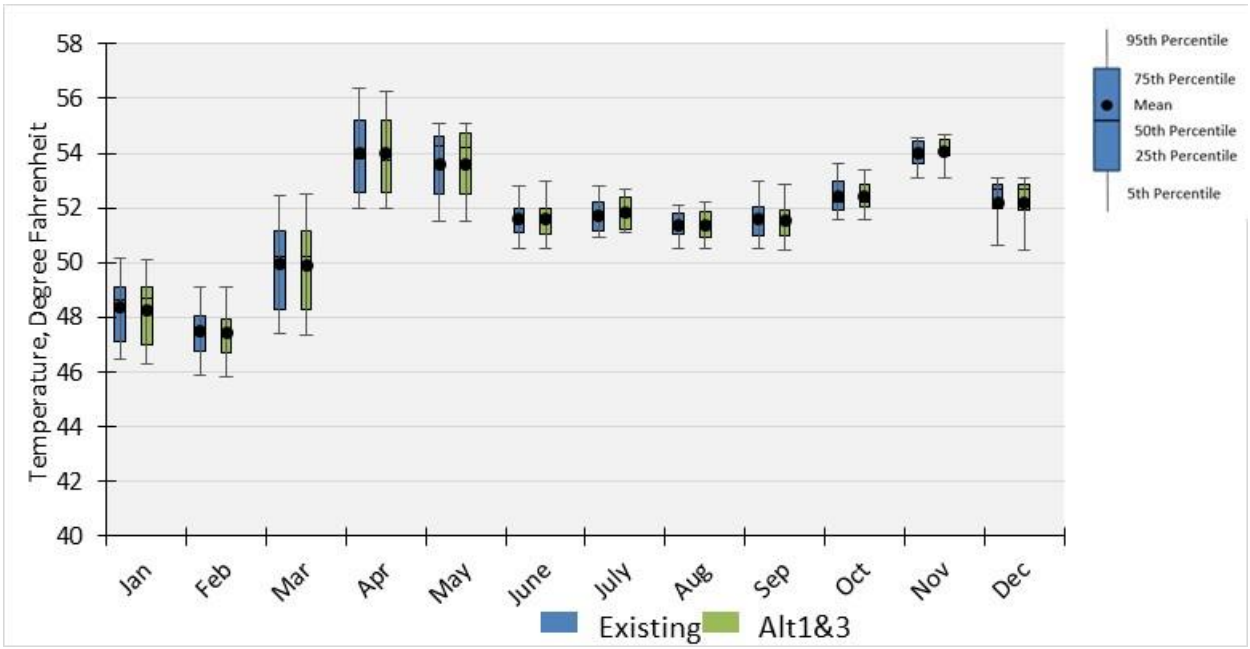


Figure 5A-D1.13.26. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



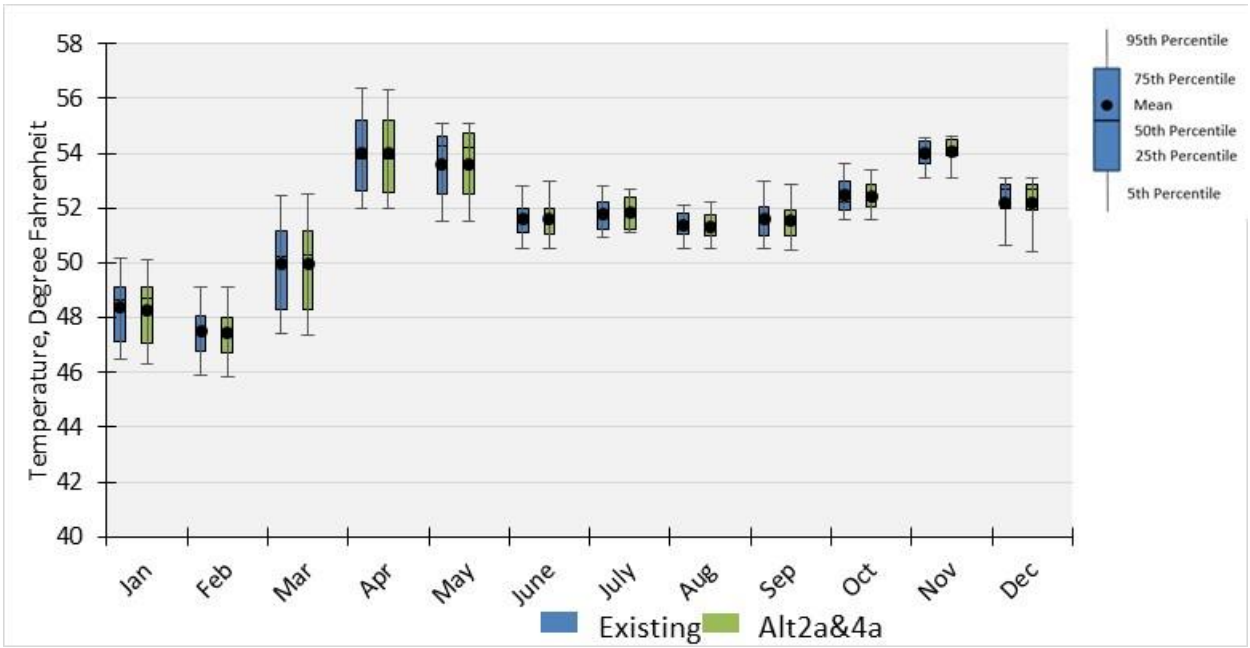


Figure 5A-D1.13.27. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

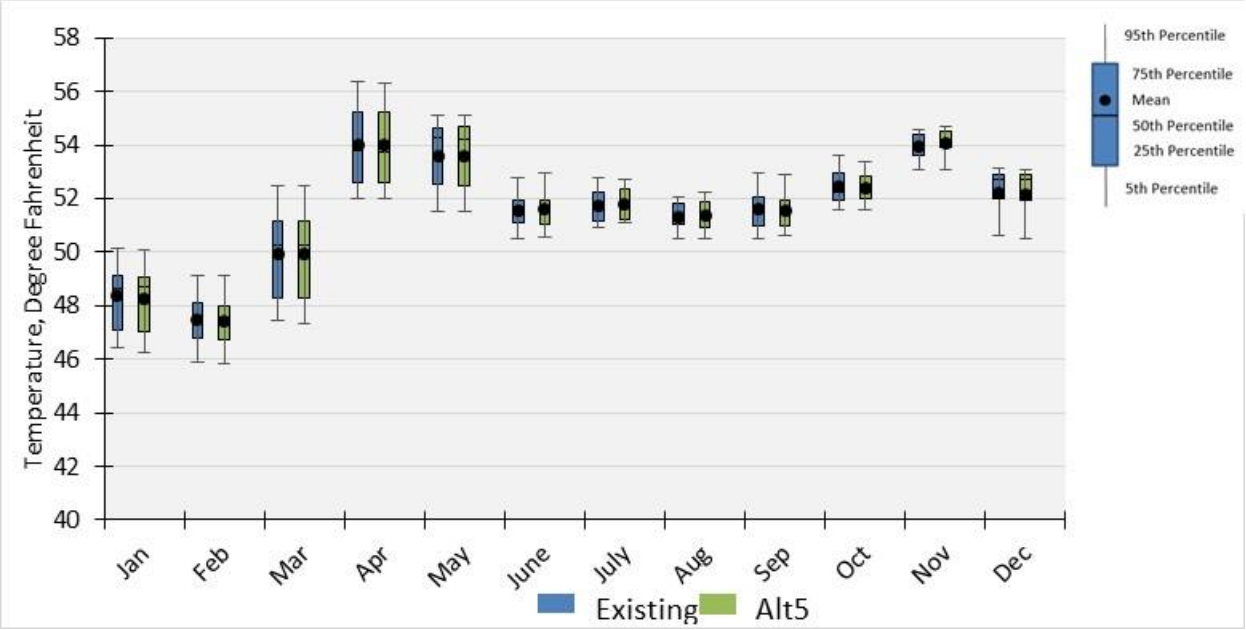
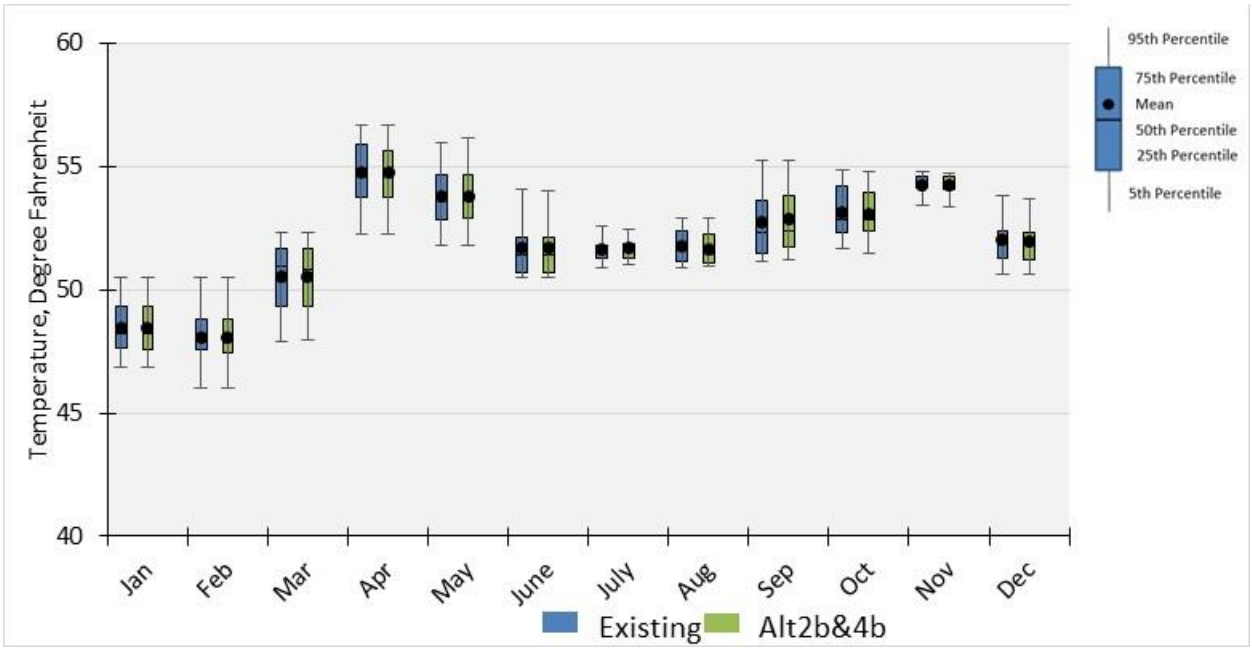


Figure 5A-D1.13.28. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



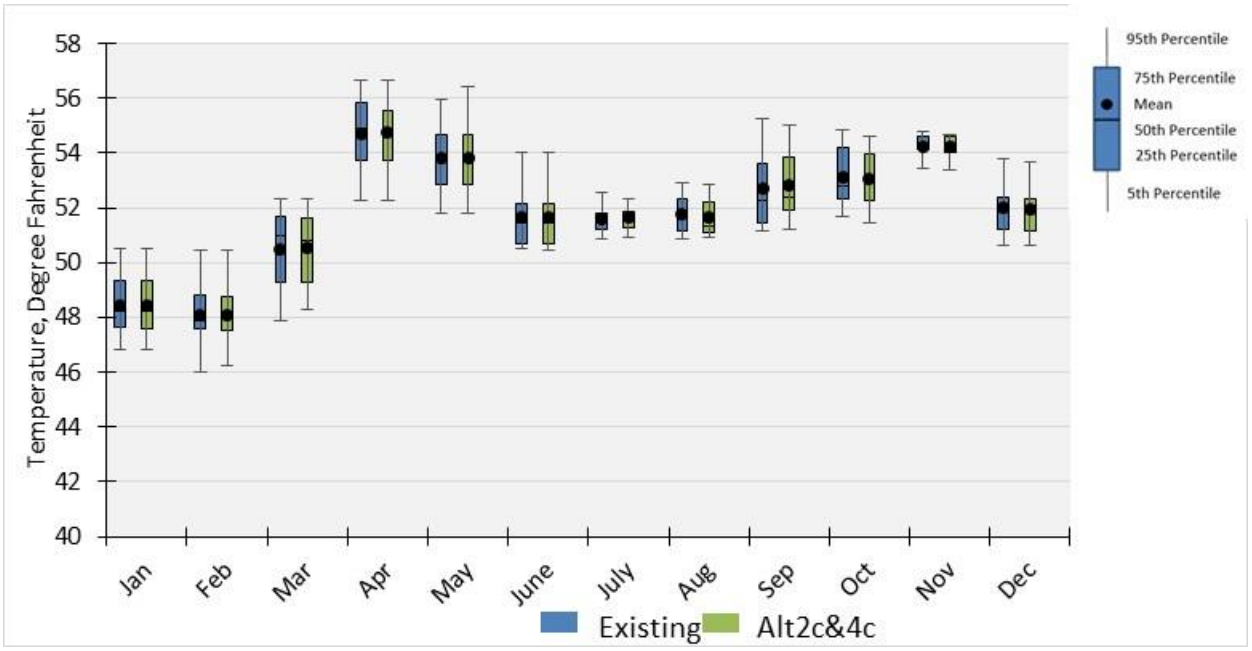
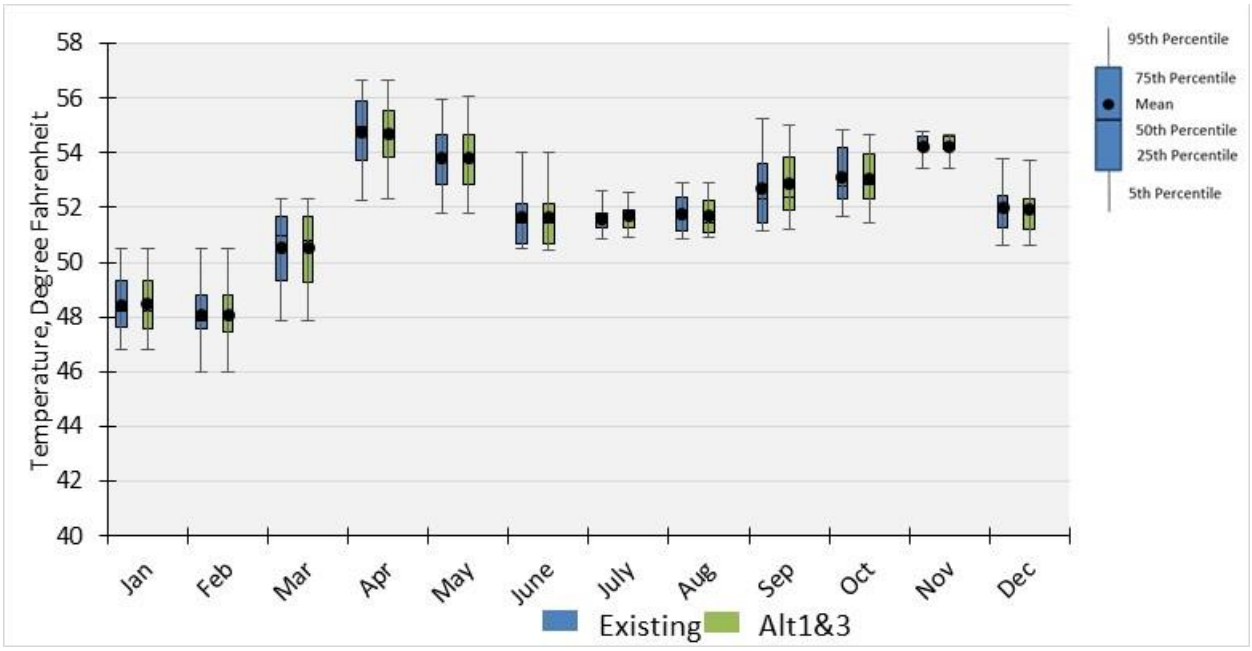


Figure 5A-D1.13.29. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



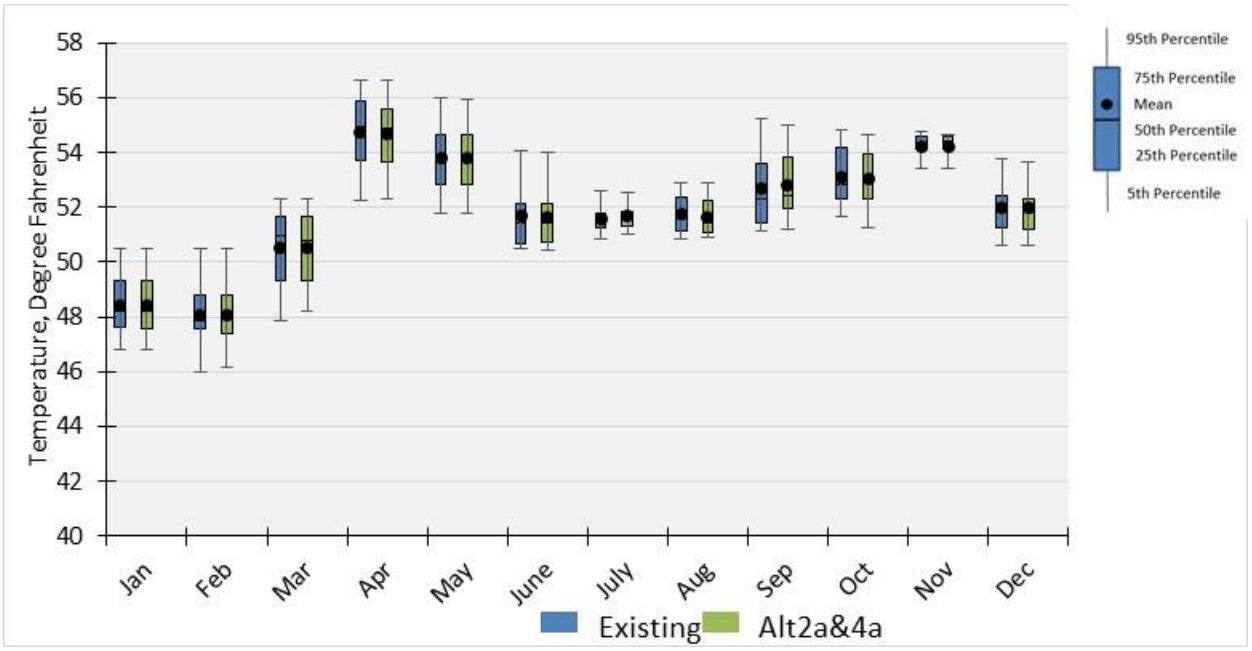


Figure 5A-D1.13.30. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

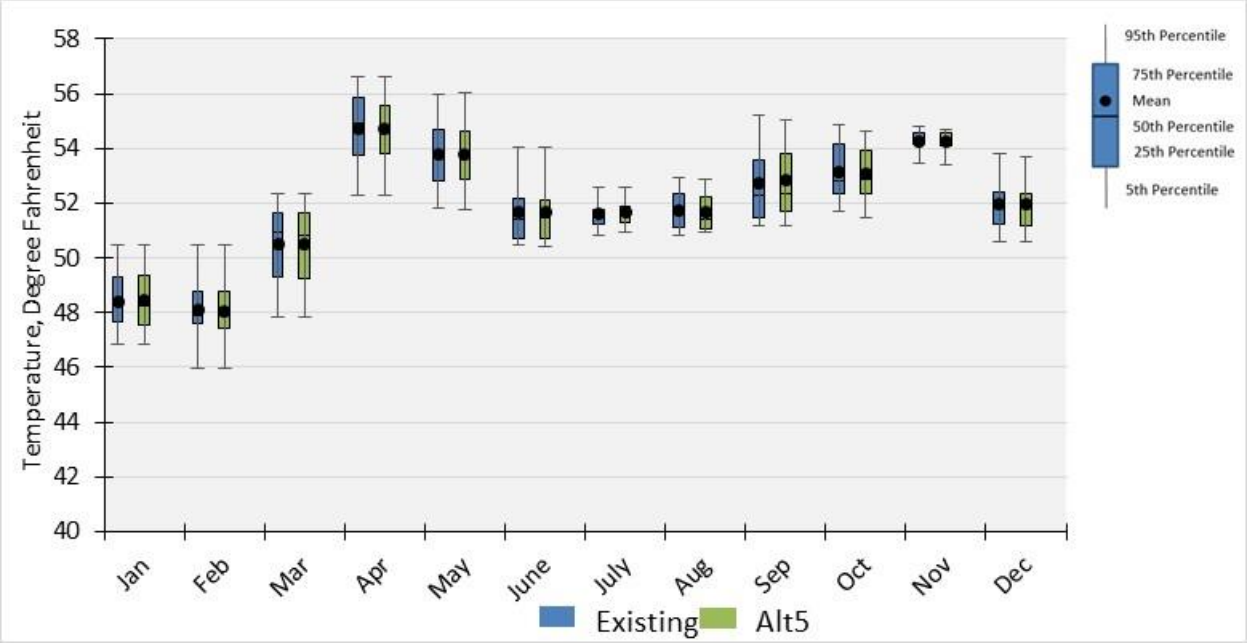
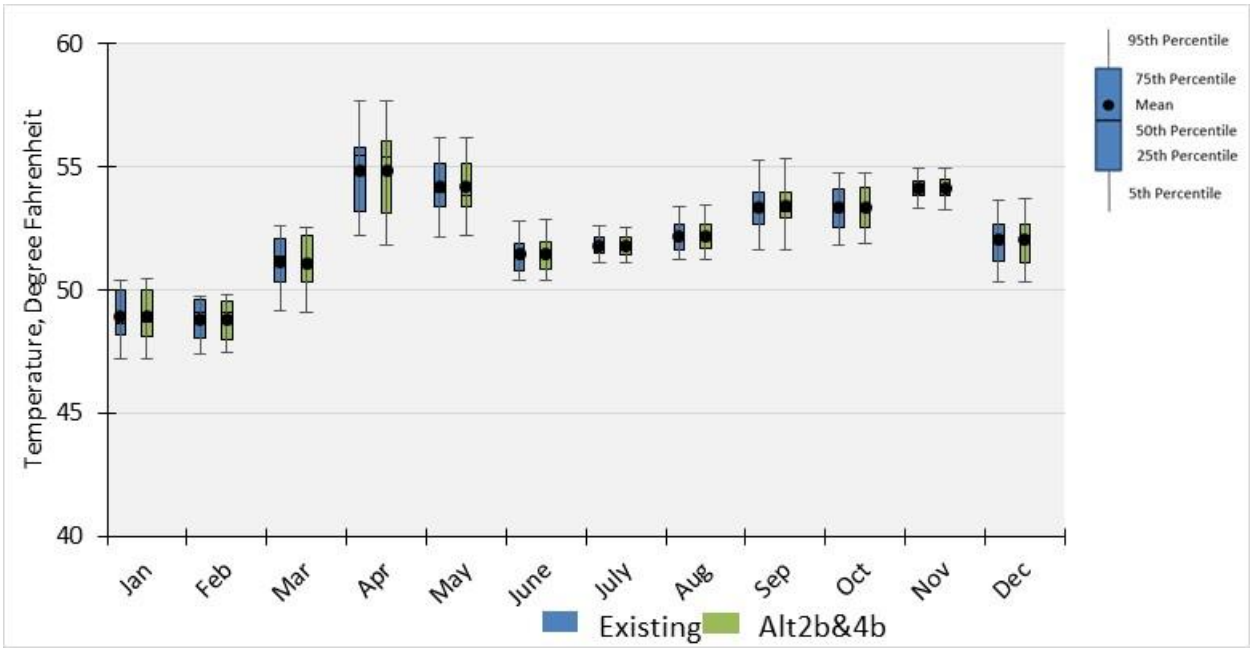


Figure 5A-D1.13.31. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



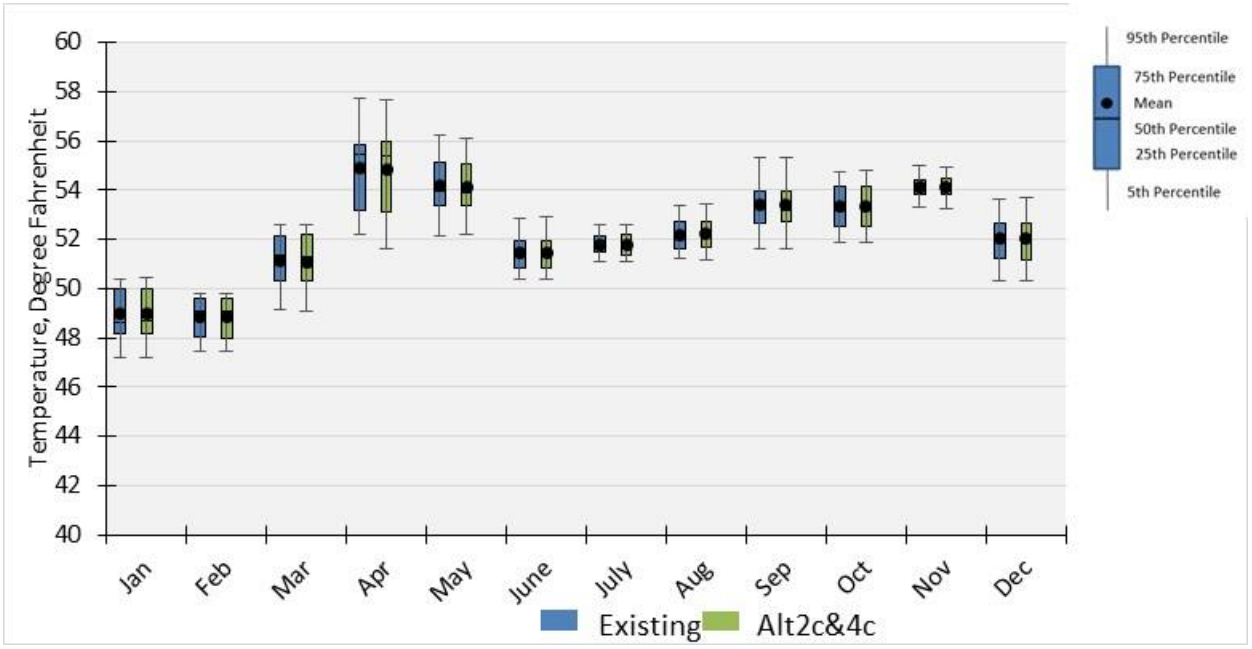
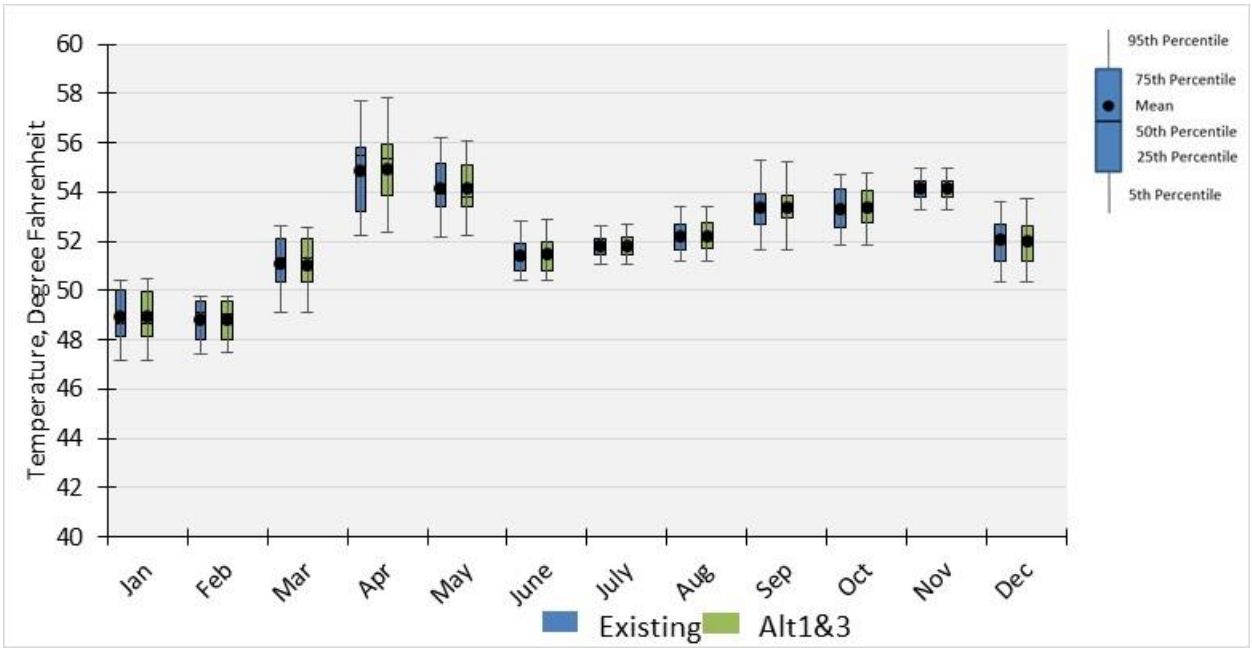


Figure 5A-D1.13.32. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



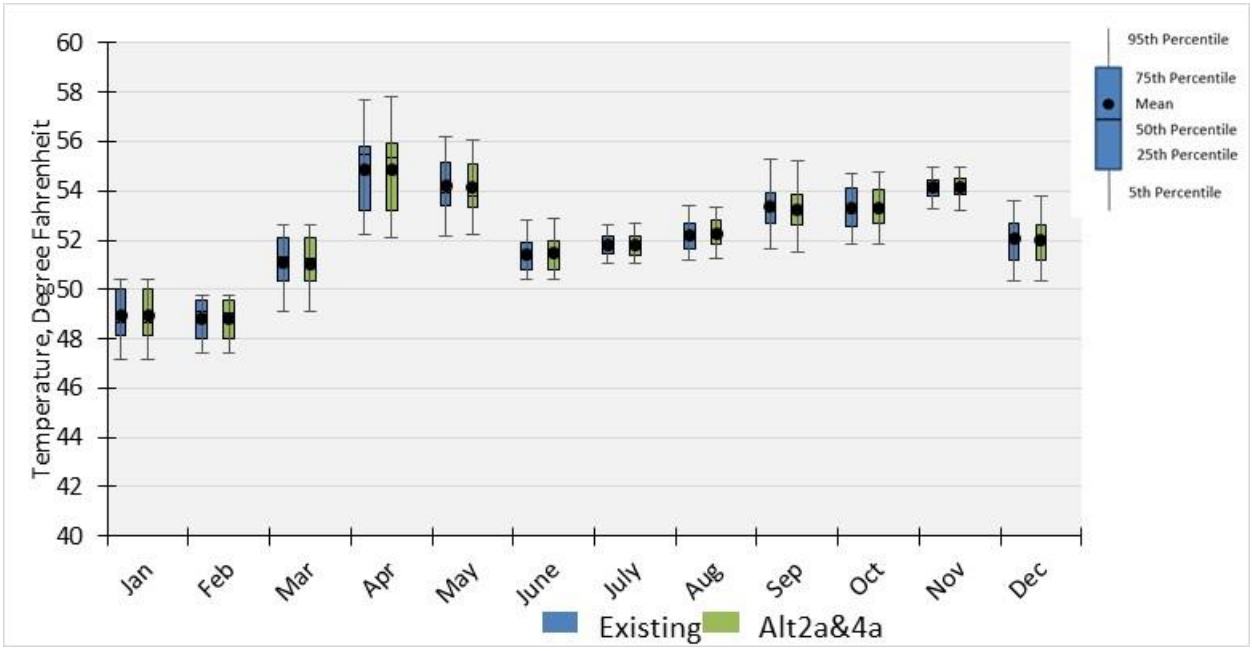


Figure 5A-D1.13.33. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

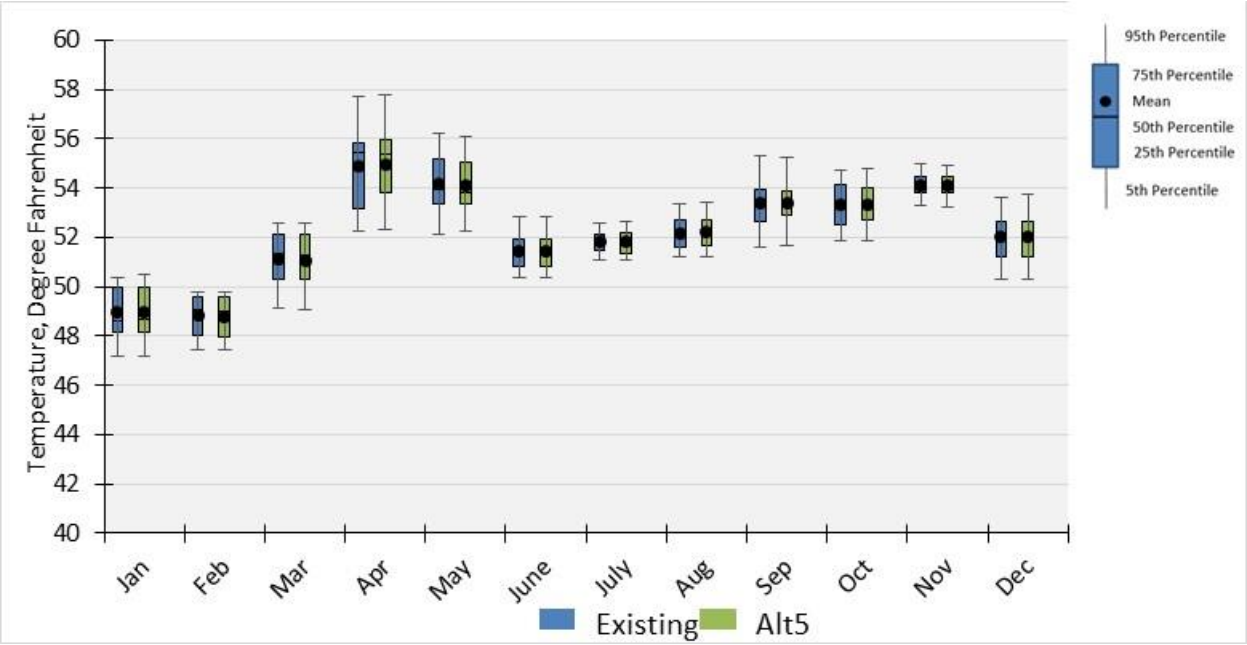
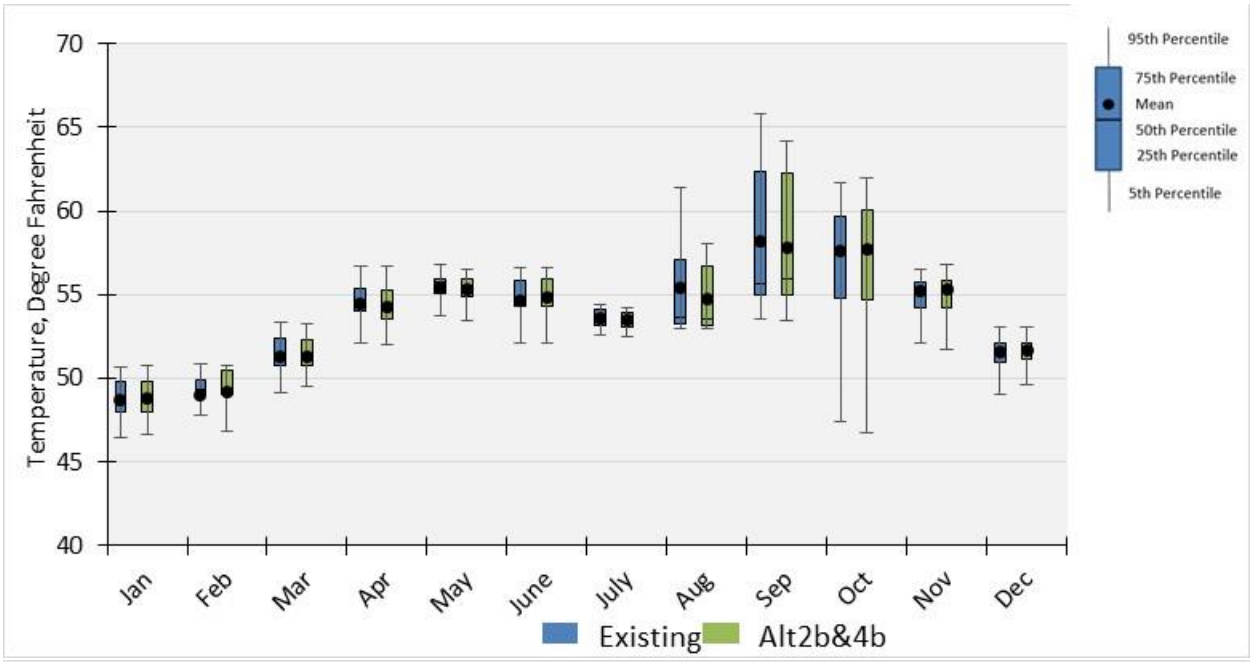


Figure 5A-D1.13.34. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



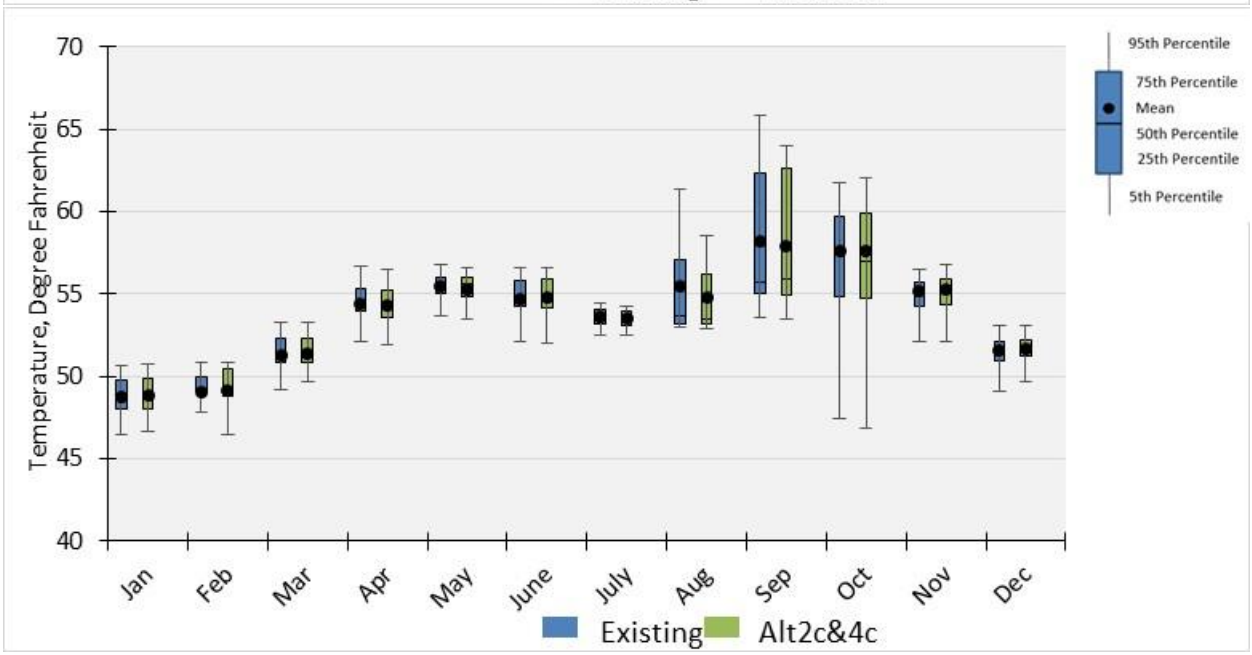
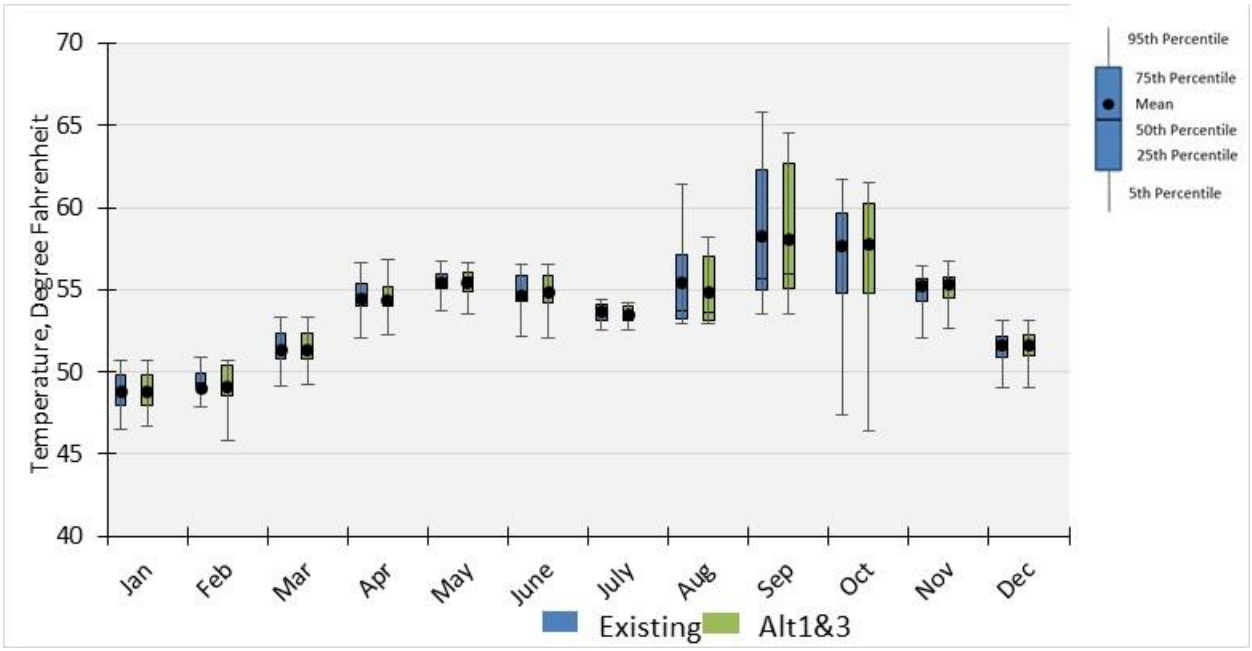


Figure 5A-D1.13.35. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



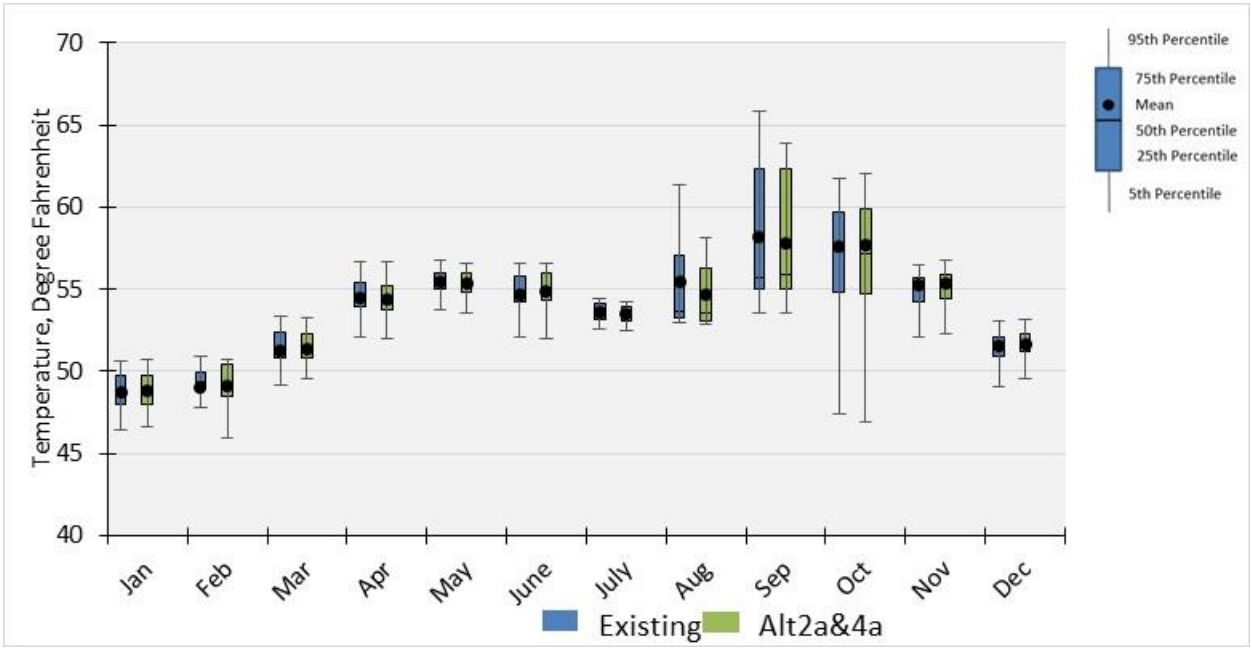


Figure 5A-D1.13.36. Sacramento River Below Clear Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

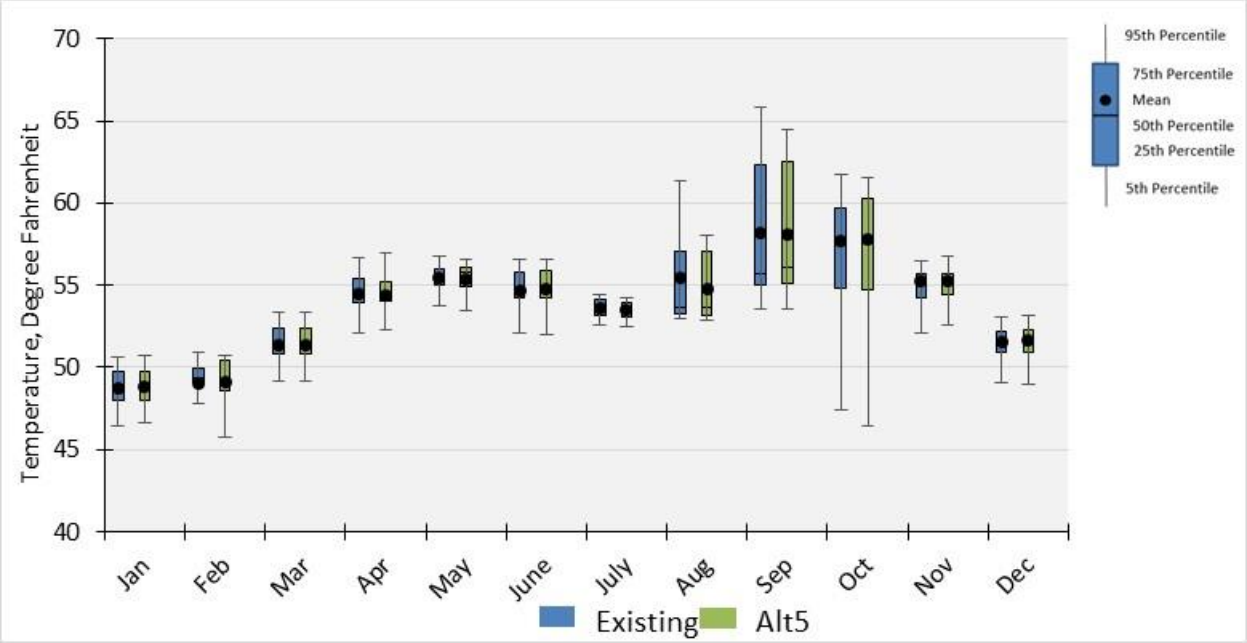
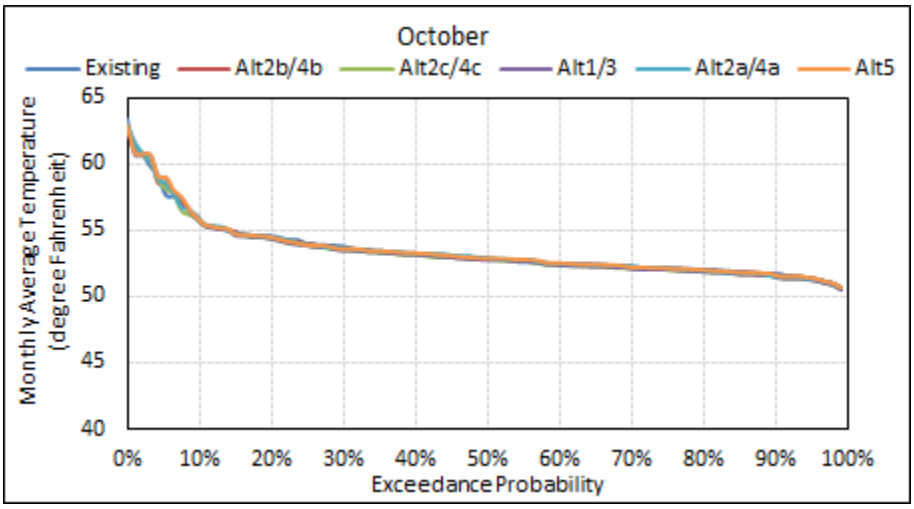
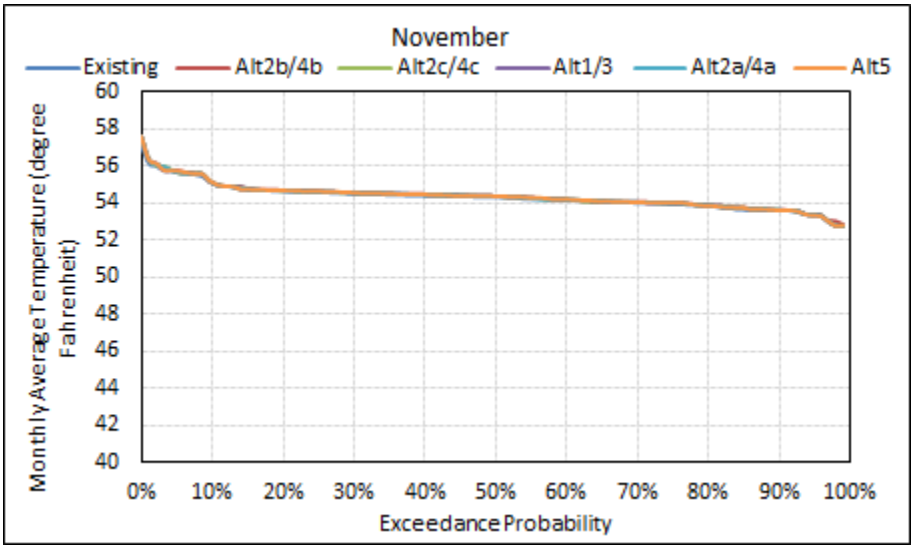


Figure 5A-D1.13.37-A. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





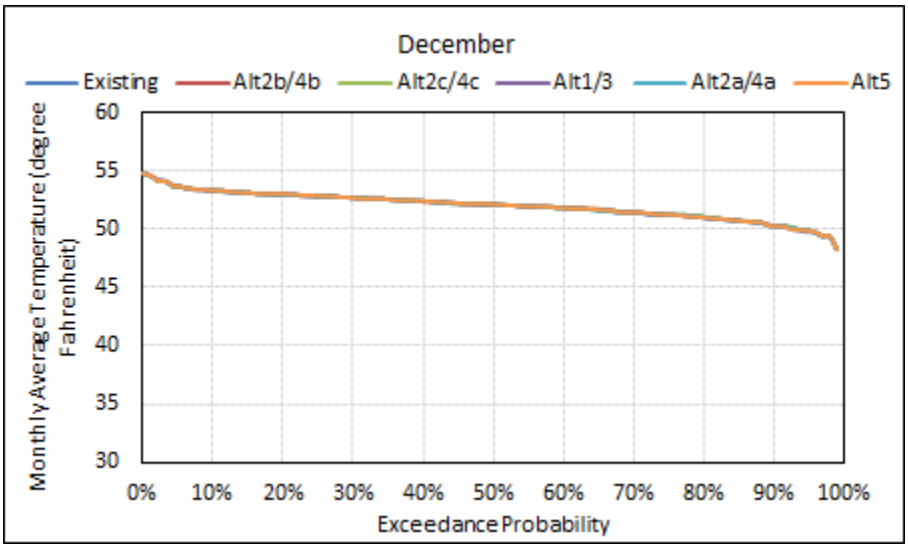
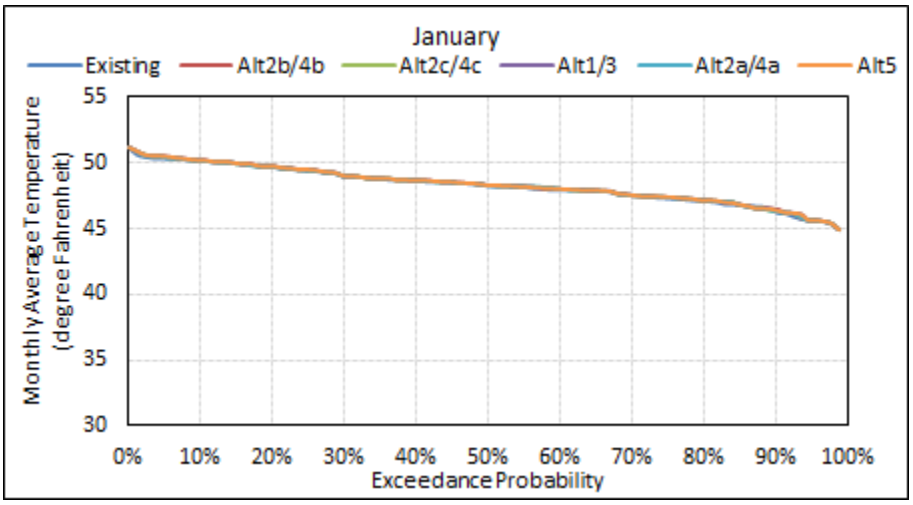
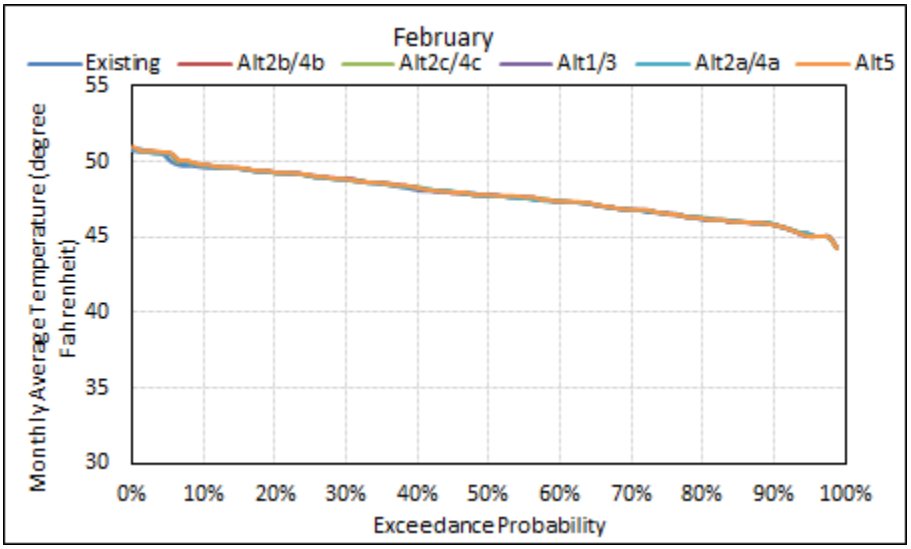


Figure 5A-D1.13.37-B. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





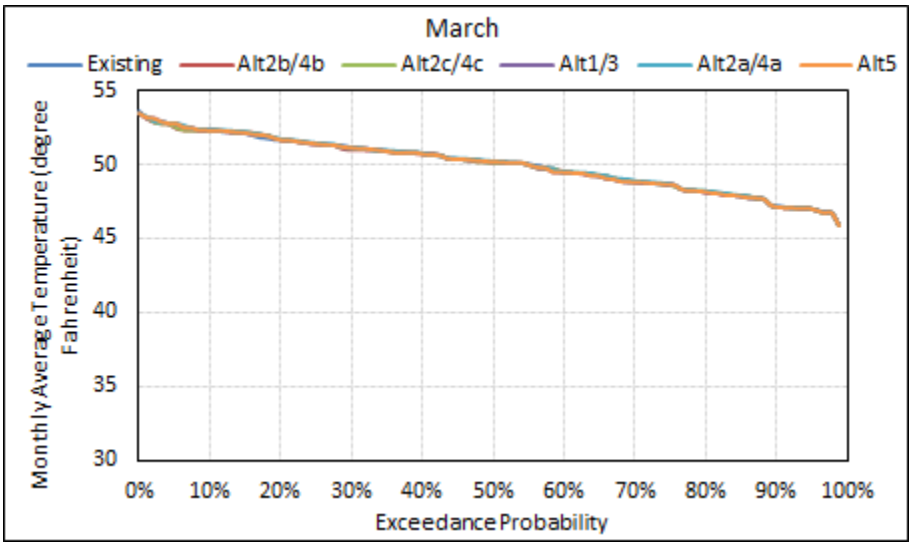
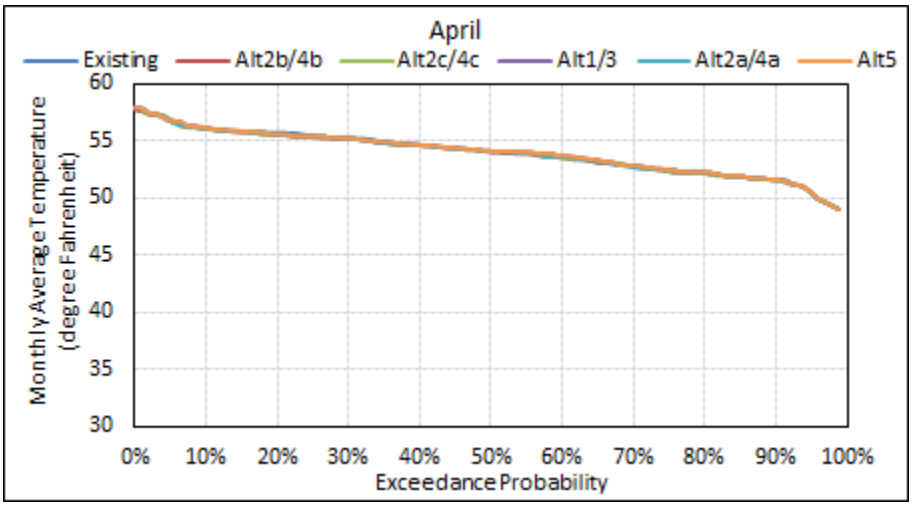
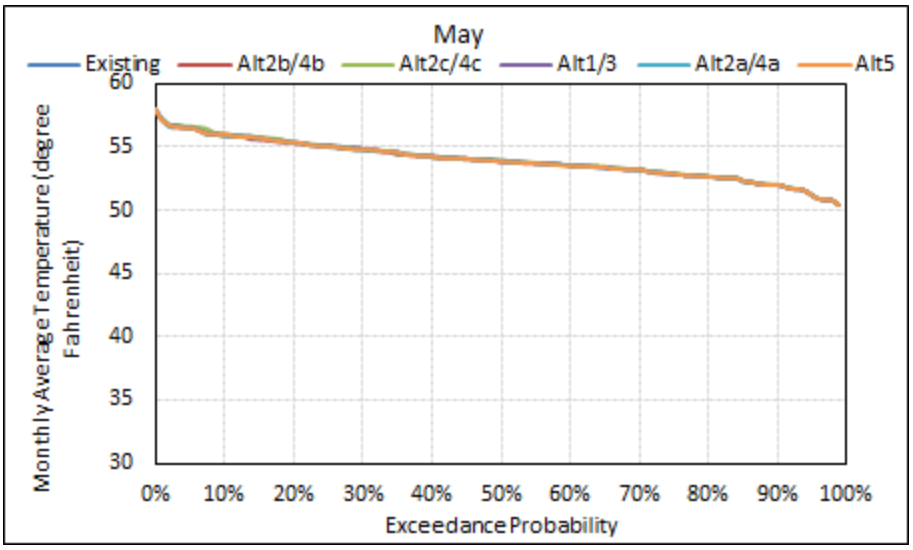


Figure 5A-D1.13.37-C. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





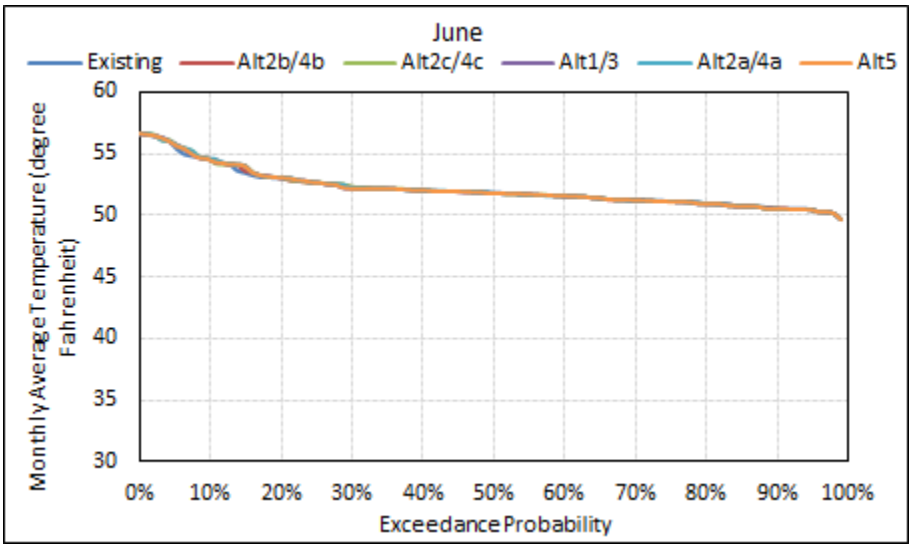
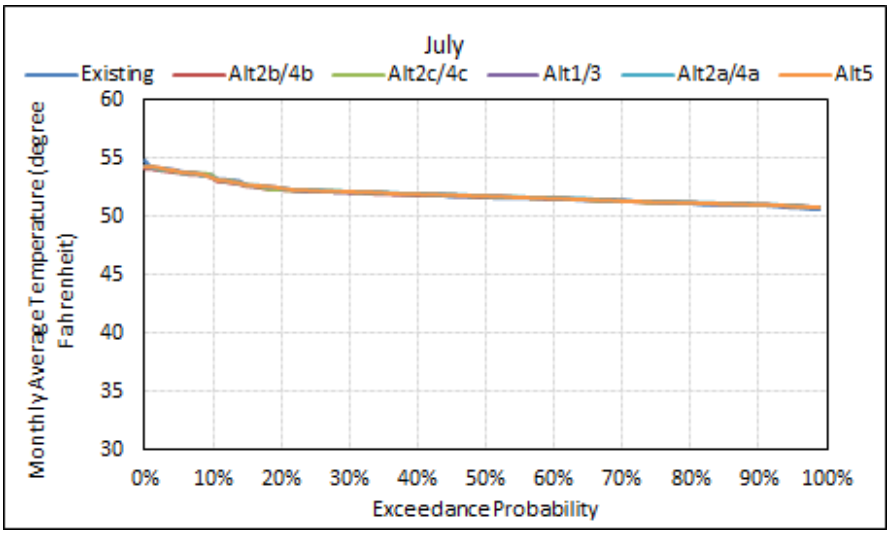
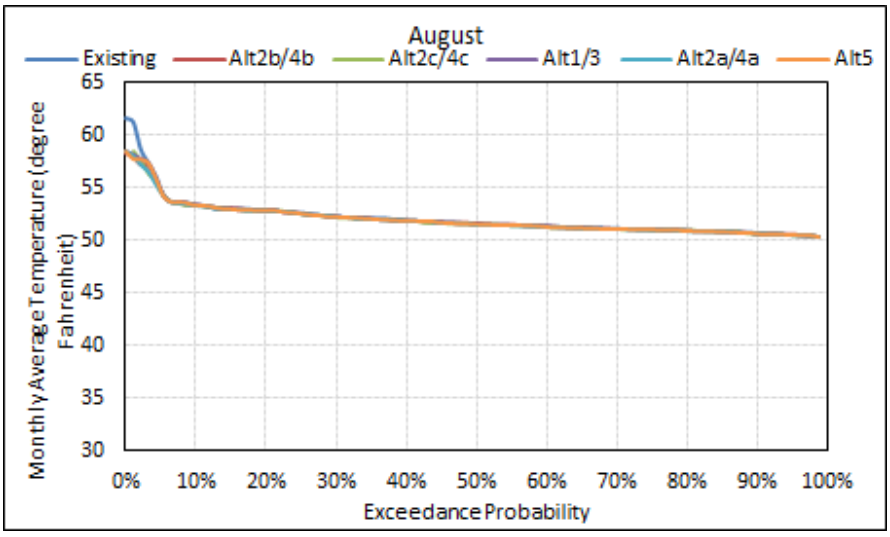


Figure 5A-D1.13.37-D. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





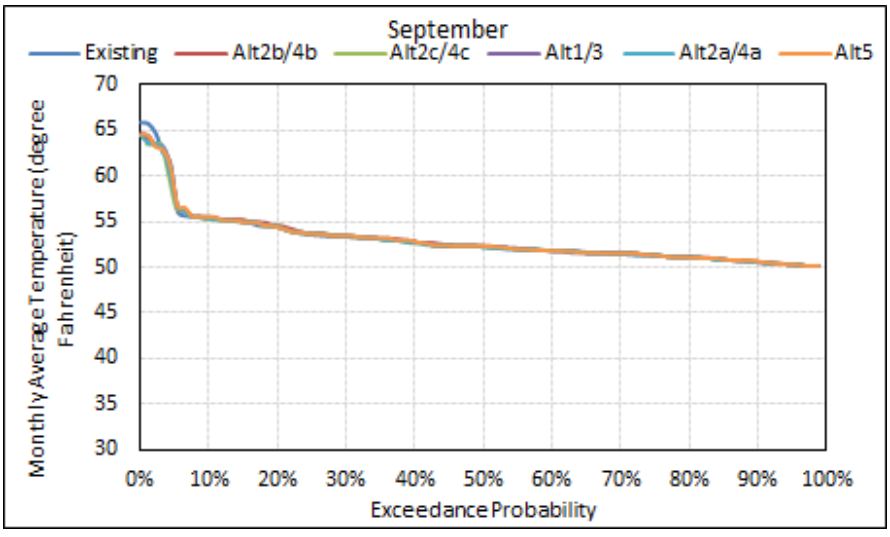


Figure 5A-D1.13.38. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

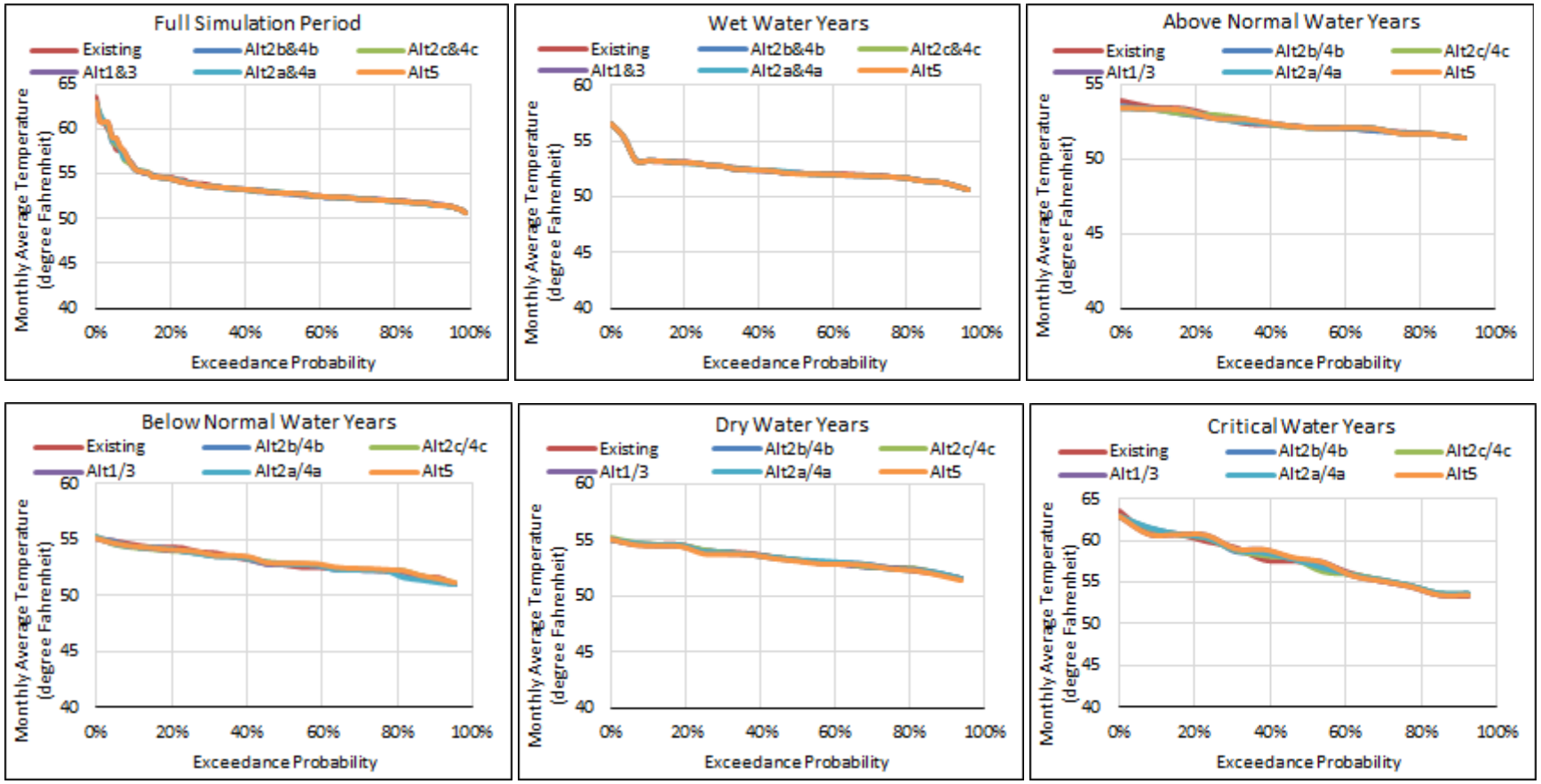


Figure 5A-D1.13.39. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

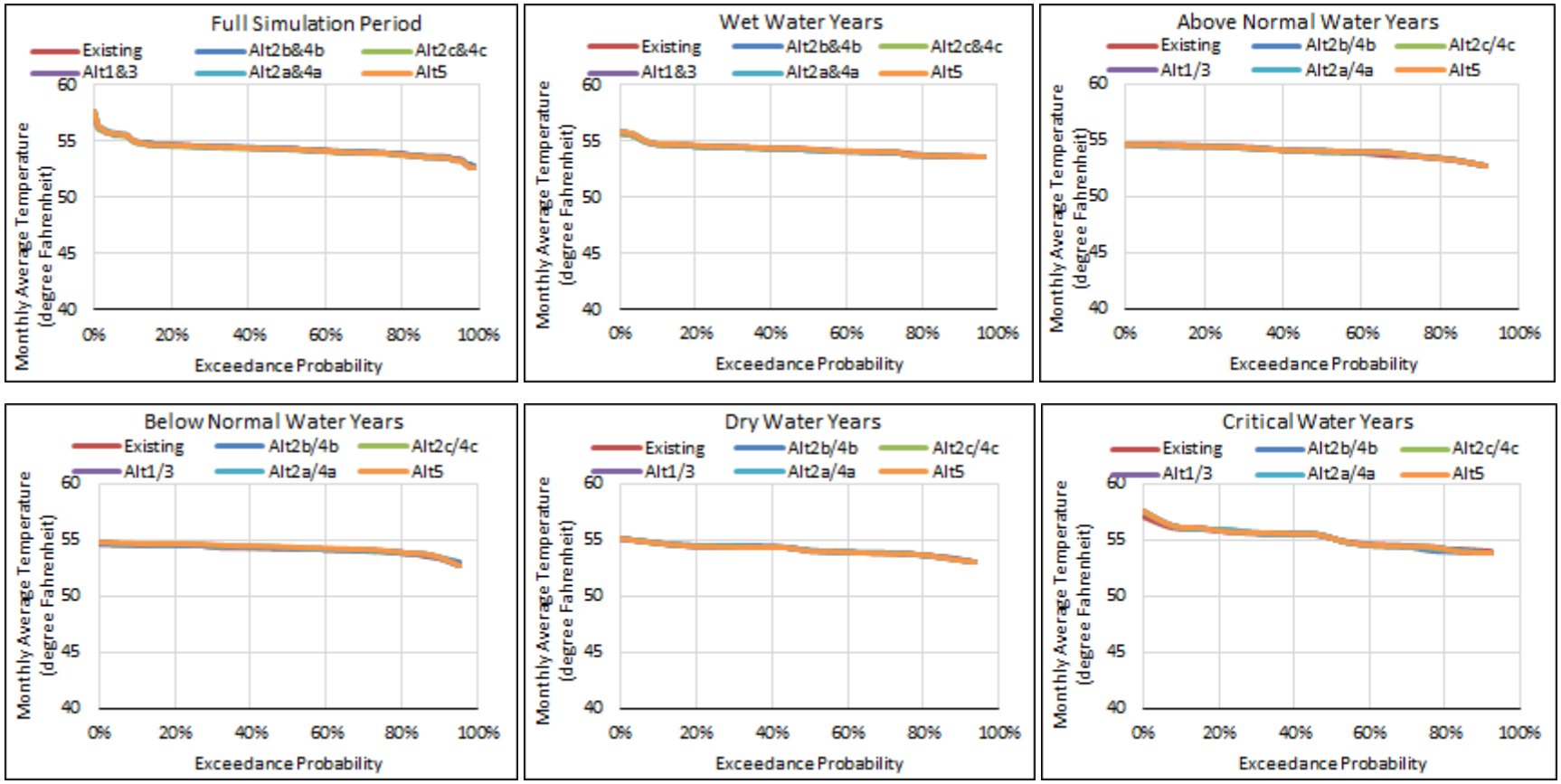


Figure 5A-D1.13.40. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

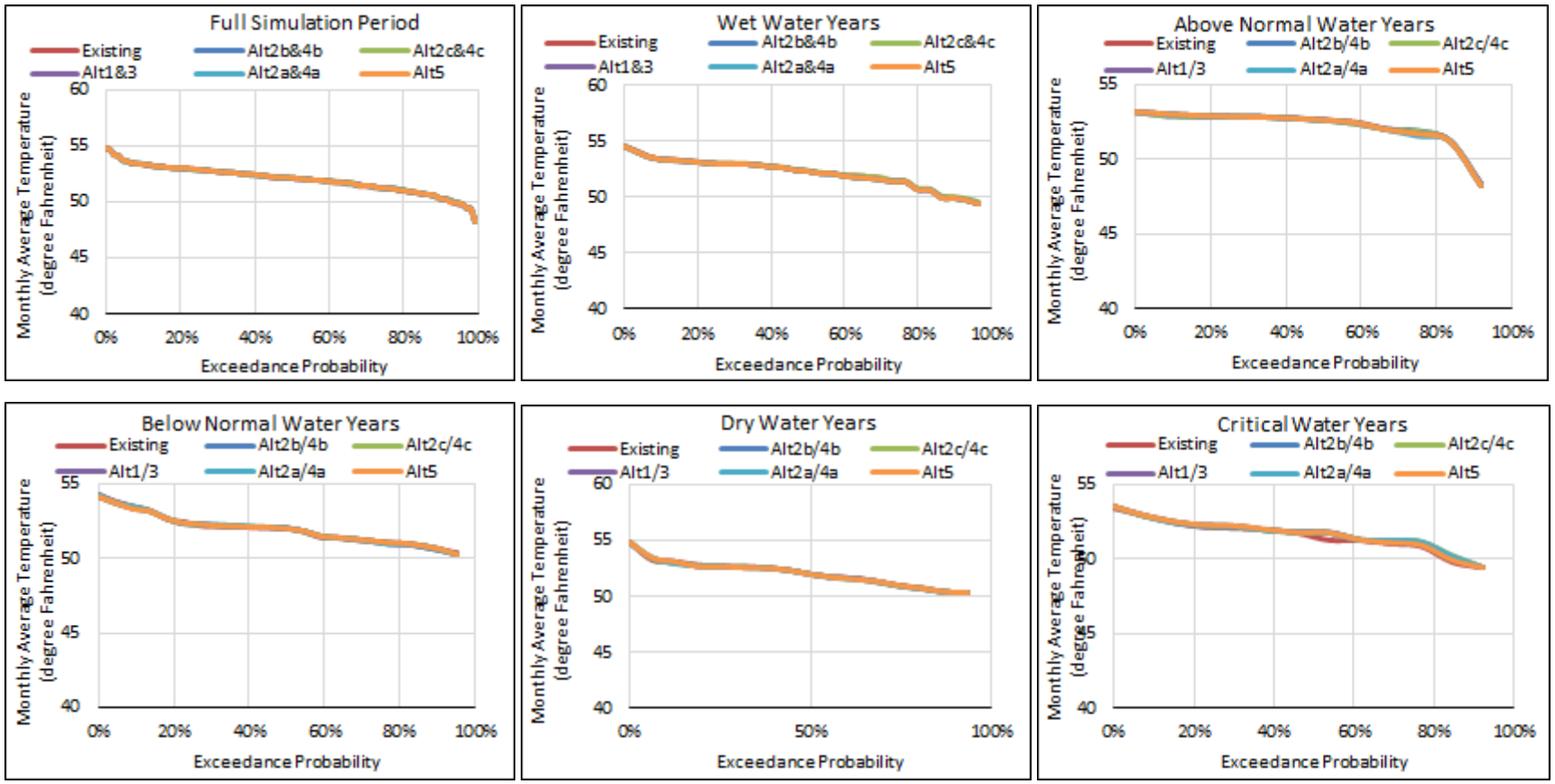


Figure 5A-D1.13.41. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

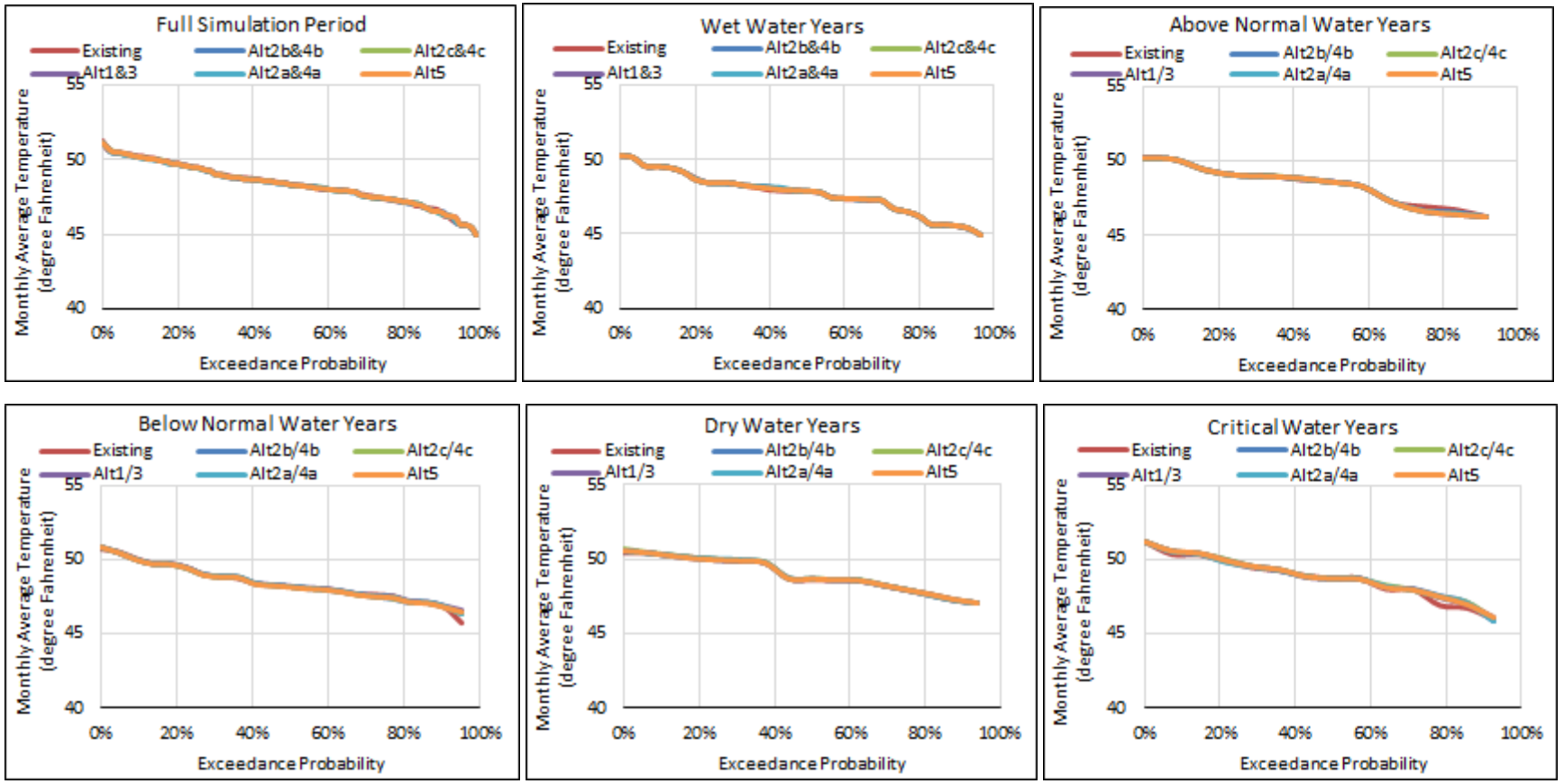


Figure 5A-D1.13.42. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

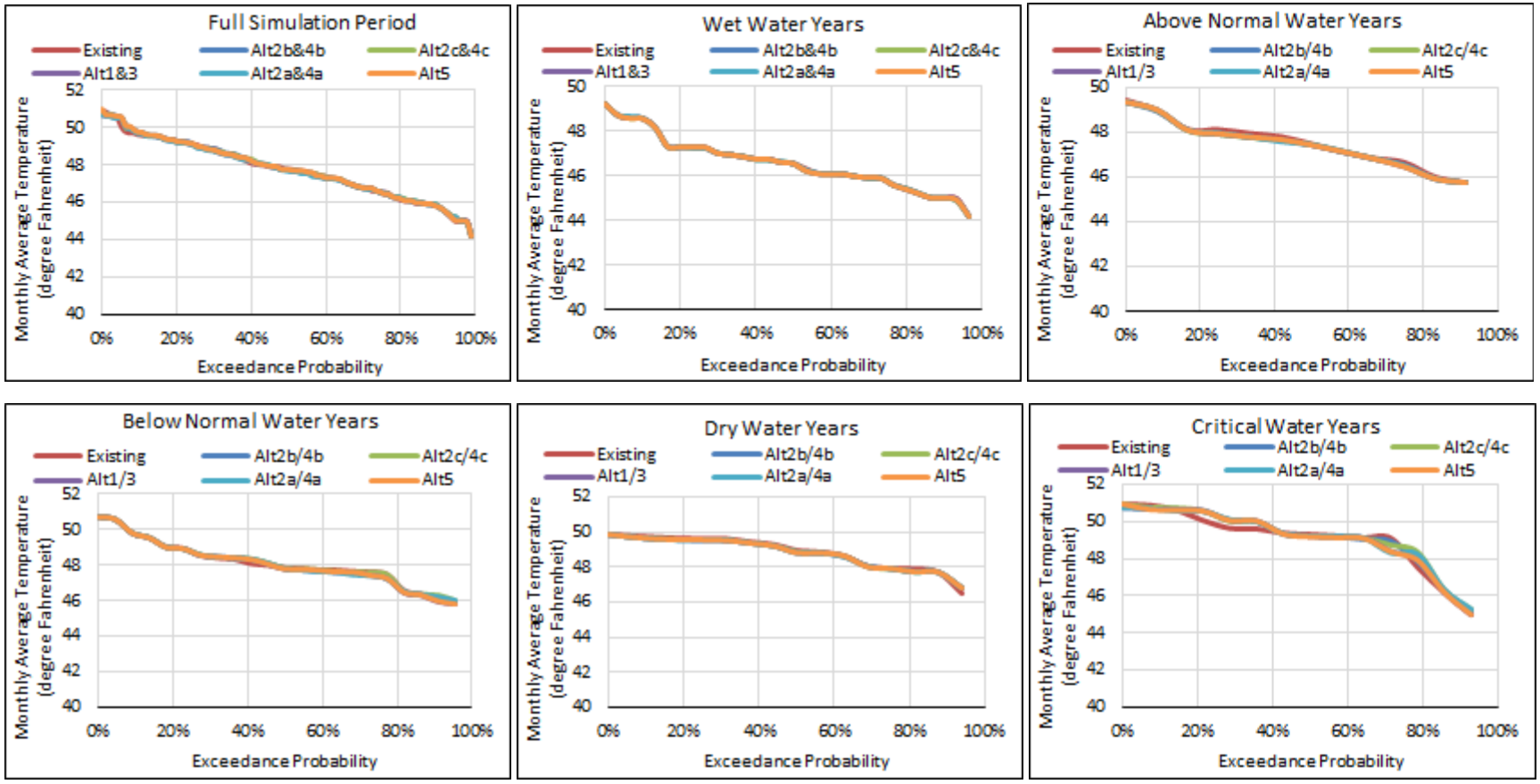


Figure 5A-D1.13.43. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

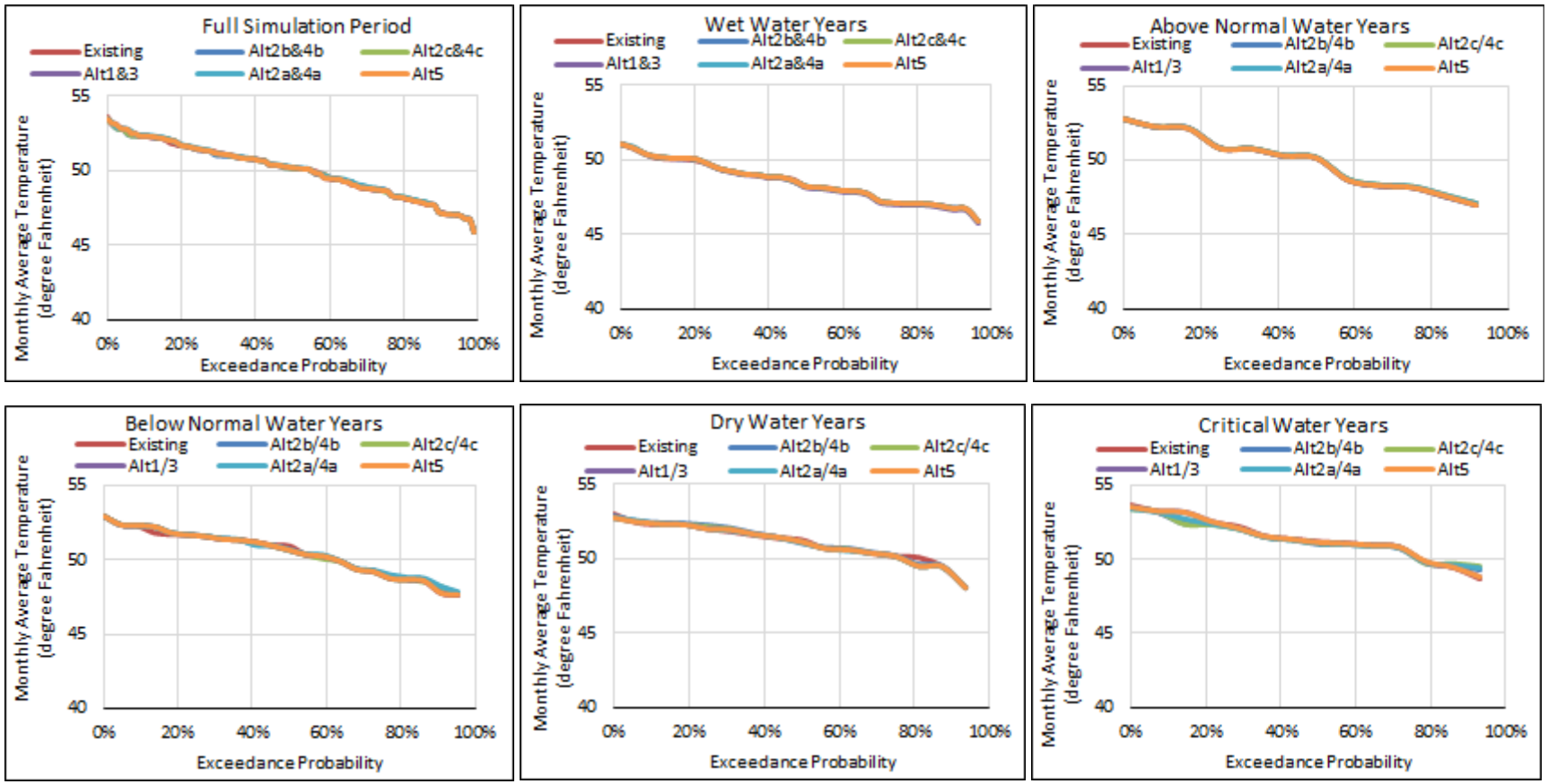


Figure 5A-D1.13.44. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

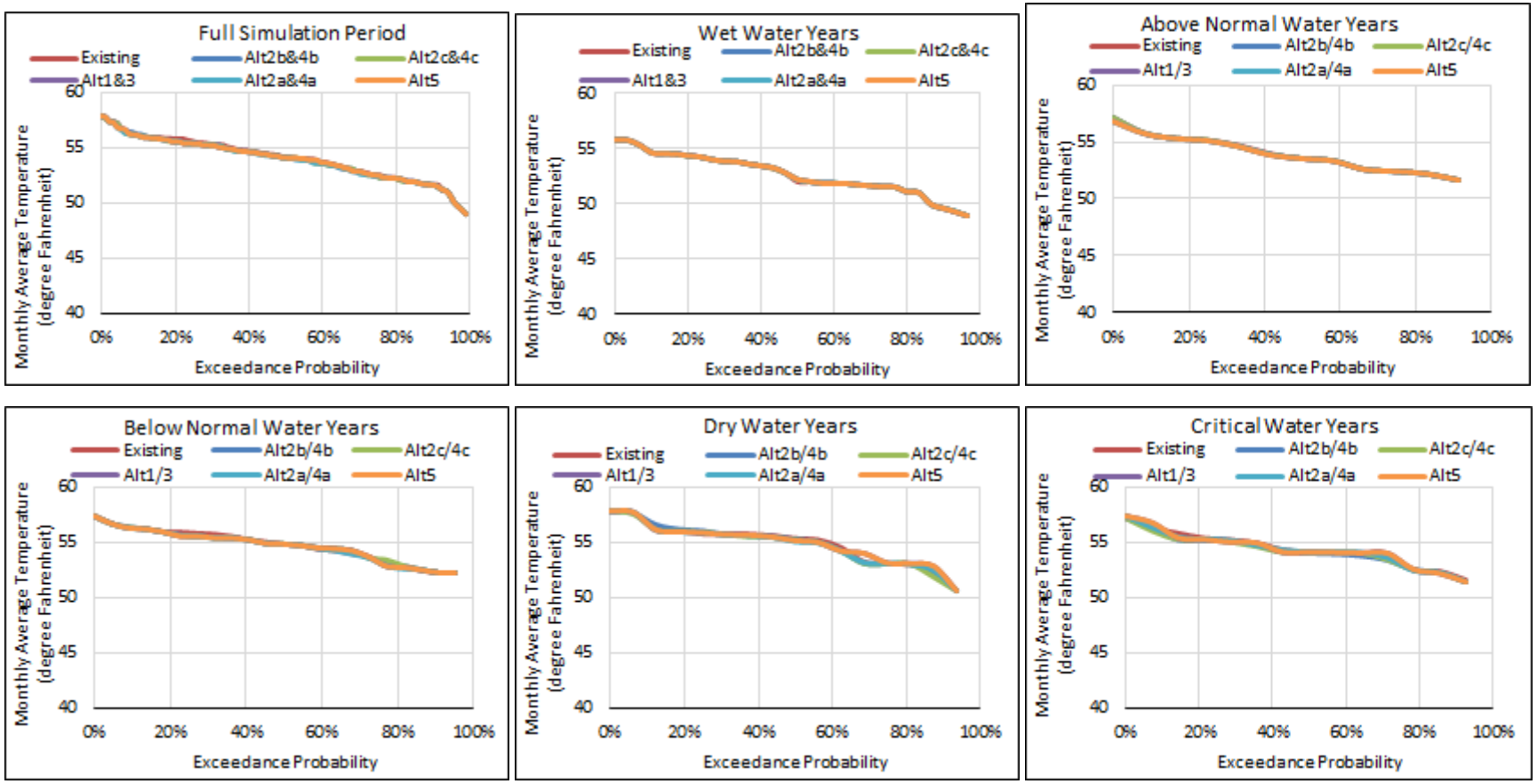


Figure 5A-D1.13.45. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

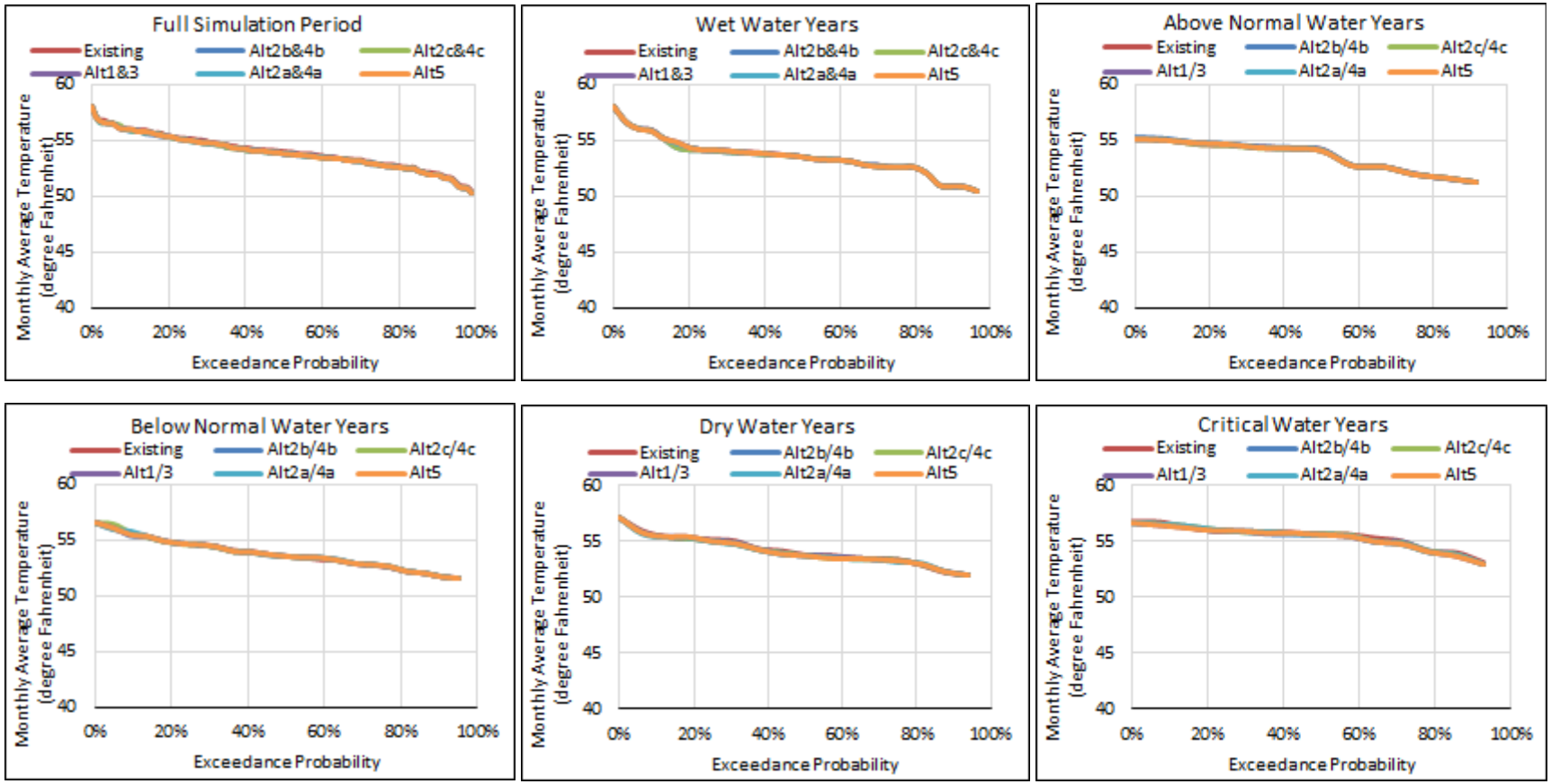


Figure 5A-D1.13.46. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

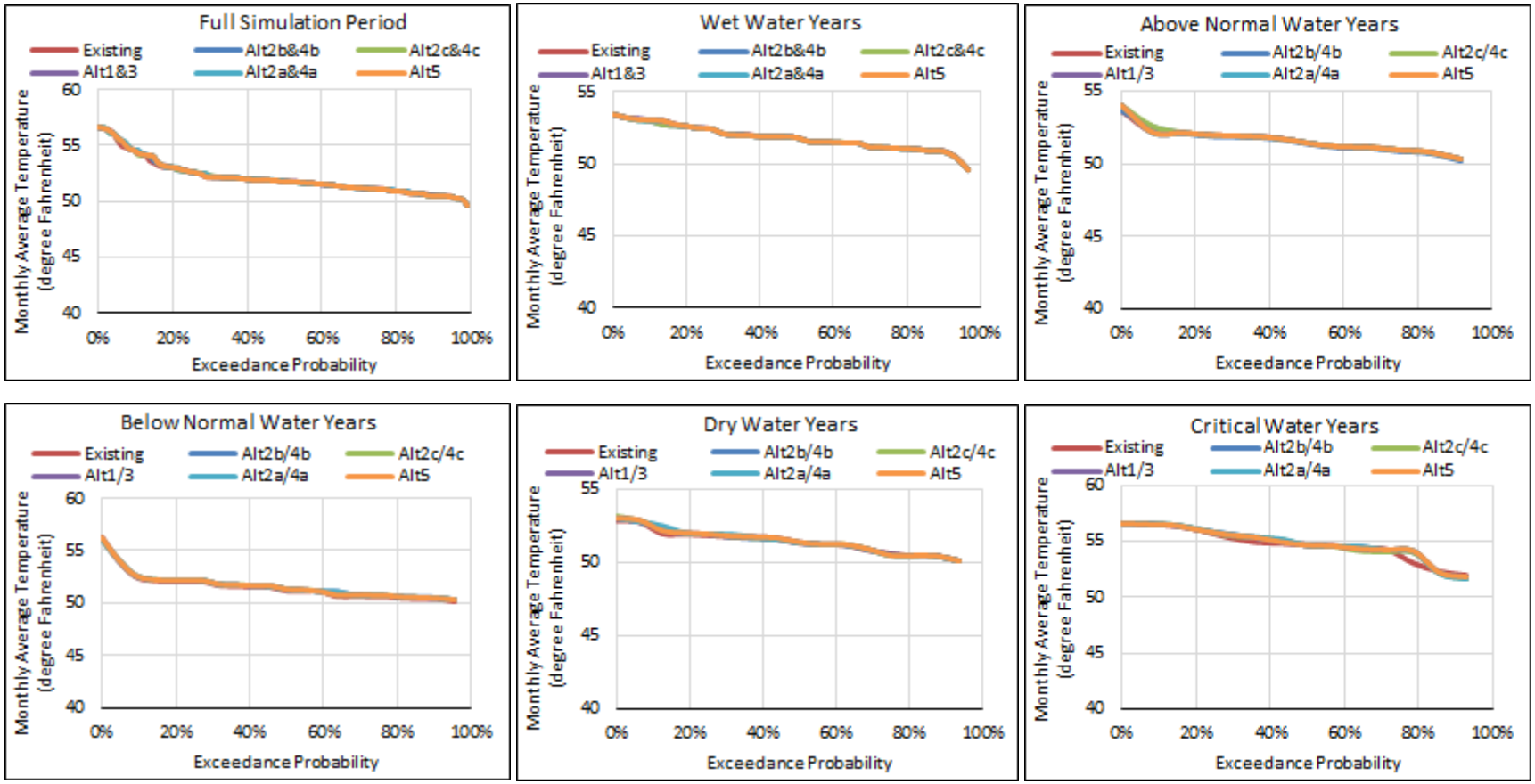


Figure 5A-D1.13.47. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

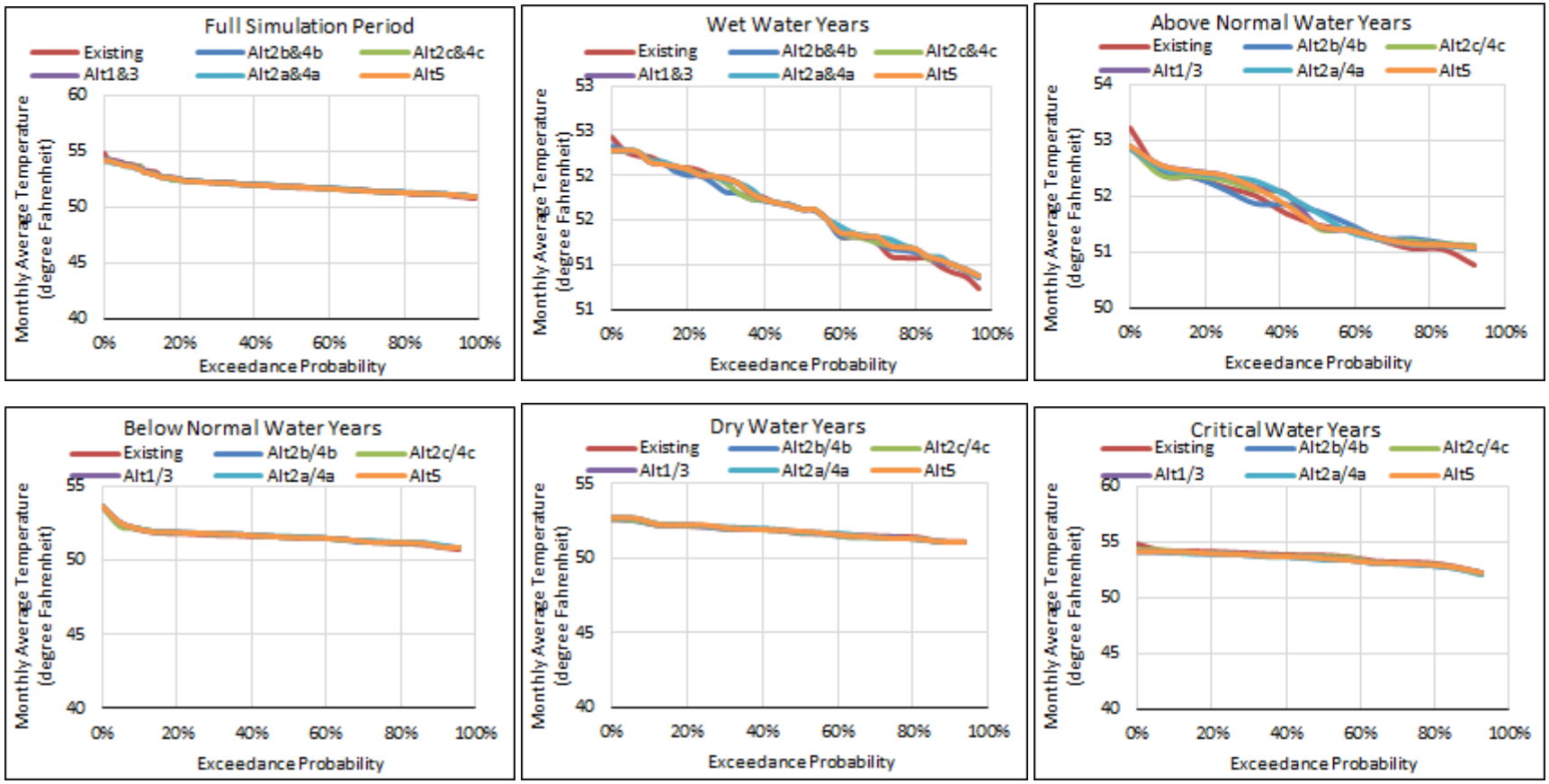


Figure 5A-D1.13.48. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

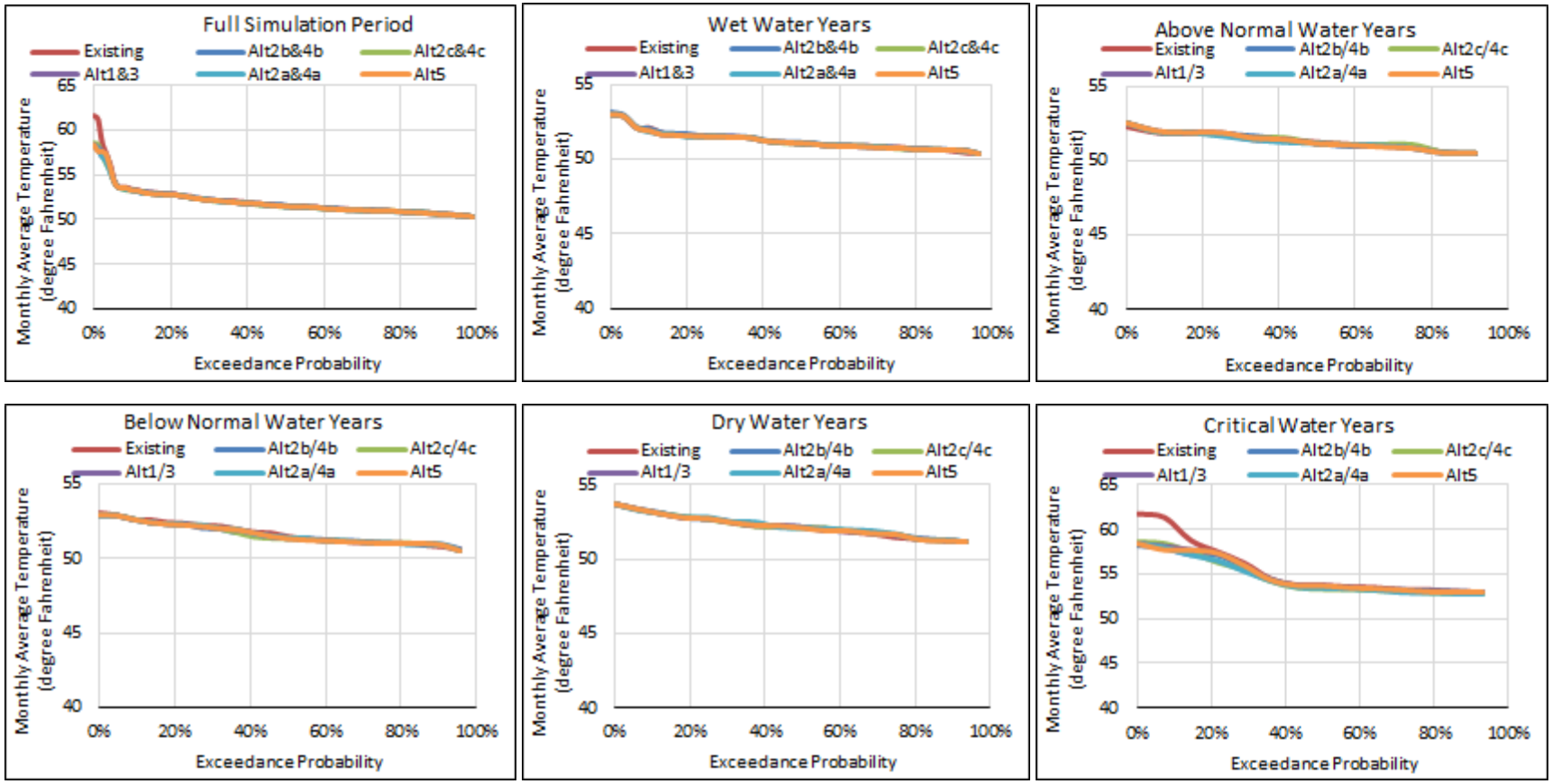
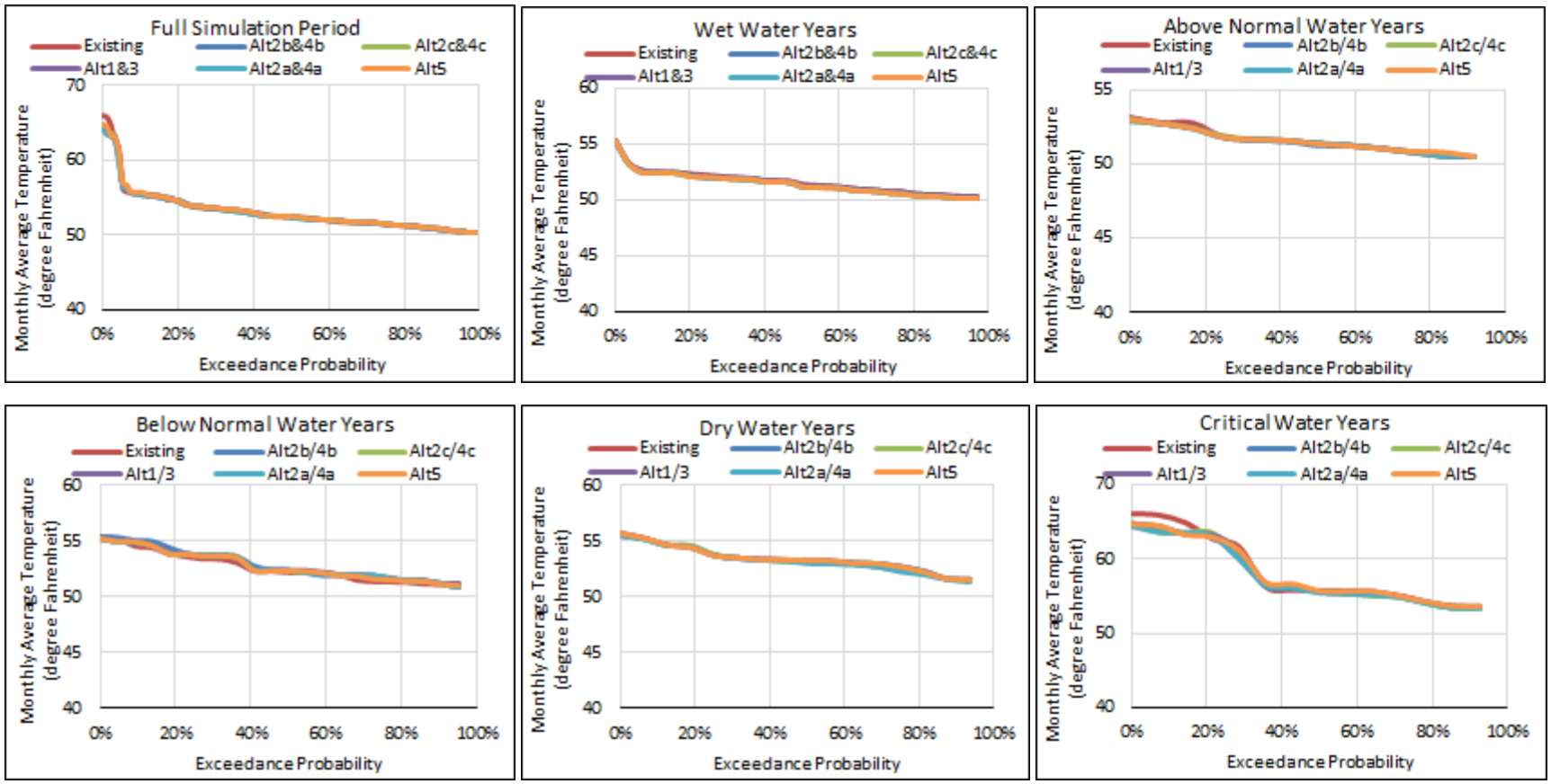


Figure 5A-D1.13.49. Sacramento River Below Clear Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.14 Sacramento River Below Keswick

Table 5A-D1.14.1-A. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	55.0	54.9	53.9	50.2	49.2	51.0	54.6	54.4	53.3	51.8	51.9	54.0
20%	53.6	54.6	53.3	49.8	48.9	50.6	54.2	53.7	51.1	50.8	51.4	52.8
30%	52.8	54.6	53.1	49.2	48.3	50.0	53.8	53.4	50.4	50.7	50.9	52.0
40%	52.4	54.5	52.9	48.7	47.8	49.8	53.2	52.7	50.3	50.5	50.5	51.4
50%	52.1	54.4	52.5	48.4	47.4	49.3	52.7	52.5	50.1	50.4	50.2	51.0
60%	51.6	54.2	52.2	48.1	47.0	48.8	52.2	52.2	49.9	50.4	50.1	50.8
70%	51.5	54.1	51.9	47.7	46.4	48.0	51.5	51.8	49.7	50.3	49.8	50.2
80%	51.2	53.9	51.1	47.1	46.0	47.5	51.1	51.3	49.4	50.1	49.7	50.0
90%	51.0	53.7	50.8	46.5	45.3	46.8	50.8	50.9	49.3	50.0	49.6	49.7

Table 5A-D1.14.1-B. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.8	54.4	52.4	48.4	47.4	49.1	52.7	52.5	50.5	50.6	50.8	51.9
Wet Water Years	51.8	54.4	52.5	47.7	46.3	47.9	51.7	52.0	50.1	50.3	49.9	50.5
Above Normal Water Years	51.7	54.1	52.6	48.4	47.1	49.1	52.7	52.1	49.9	50.4	50.0	50.4
Below Normal Water Years	52.3	54.3	52.3	48.5	47.7	49.5	53.2	52.4	50.1	50.4	50.4	51.4
Dry Water Years	52.4	54.2	52.4	49.1	48.3	49.9	53.5	52.7	50.0	50.6	50.8	51.8
Critical Water Years	57.0	55.2	51.9	48.7	48.3	50.0	52.9	54.0	53.3	52.1	53.9	56.9

Table 5A-D1.14.1-C. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.9	54.9	53.8	50.2	49.3	51.1	54.6	54.3	53.4	51.8	51.7	54.1
20%	53.5	54.6	53.3	49.8	48.9	50.7	54.2	53.7	51.1	50.8	51.3	52.8
30%	52.8	54.6	53.1	49.1	48.4	50.0	53.8	53.2	50.5	50.7	50.9	52.0
40%	52.4	54.5	52.9	48.8	47.9	49.7	53.2	52.7	50.3	50.5	50.4	51.4
50%	52.0	54.4	52.5	48.4	47.3	49.3	52.8	52.5	50.1	50.5	50.2	51.1
60%	51.6	54.2	52.2	48.1	47.0	48.8	52.1	52.1	49.9	50.4	50.0	50.7
70%	51.5	54.1	51.9	47.7	46.4	48.0	51.5	51.7	49.7	50.3	49.8	50.2
80%	51.2	54.0	51.2	47.1	46.0	47.6	51.1	51.3	49.5	50.1	49.7	50.0
90%	51.0	53.7	50.7	46.5	45.5	46.8	50.8	50.9	49.3	50.0	49.6	49.7

Table 5A-D1.14.1-D. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.7	54.4	52.4	48.4	47.4	49.1	52.6	52.5	50.6	50.6	50.7	51.8
Wet Water Years	51.8	54.4	52.5	47.7	46.3	47.9	51.7	52.0	50.1	50.3	49.9	50.4
Above Normal Water Years	51.7	54.1	52.5	48.3	47.1	49.1	52.7	52.1	49.9	50.4	50.0	50.4
Below Normal Water Years	52.2	54.3	52.3	48.5	47.7	49.5	53.2	52.4	50.1	50.4	50.3	51.4
Dry Water Years	52.4	54.2	52.4	49.1	48.3	49.9	53.5	52.7	50.1	50.6	50.8	51.9
Critical Water Years	57.1	55.3	52.0	48.7	48.5	50.1	52.7	53.8	53.5	51.9	53.1	56.6

Table 5A-D1.14.1-E. Sacramento River Below Keswick, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.2	0.1	0.0	-0.1	0.1
20%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0
30%	-0.1	0.0	0.0	-0.1	0.1	0.0	-0.1	-0.2	0.0	0.0	0.0	0.0
40%	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0
50%	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	0.0	0.0	0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1
80%	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.14.1-F. Sacramento River Below Keswick, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Dry Water Years	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 Water Years	0.1	0.1	0.1	0.1	0.2	0.0	-0.2	-0.1	0.2	-0.2	-0.7	-0.3

Table 5A-D1.14.1-G. Sacramento River Below Keswick, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2%	-0.1%	-0.1%	0.0%	0.2%	0.1%	0.1%	-0.3%	0.2%	-0.1%	-0.3%	0.1%
20%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%
30%	-0.1%	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.4%	0.1%	0.0%	0.1%	-0.1%
40%	0.1%	0.1%	0.0%	0.1%	0.1%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%
50%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.1%
60%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.2%	-0.2%	0.0%	0.0%	-0.1%	-0.2%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%
80%	0.0%	0.1%	0.2%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	-0.1%	-0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%

Table 5A-D1.14.1-H. Sacramento River Below Keswick, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.3%	-0.1%
Wet Water Years	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 Water Years	-0.2%	0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.2%
Dry Water Years	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 Water Years	0.2%	0.1%	0.2%	0.1%	0.4%	0.1%	-0.3%	-0.2%	0.3%	-0.3%	-1.4%	-0.6%

Table 5A-D1.14.2-A. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	55.0	55.0	53.8	50.2	49.3	51.1	54.6	54.4	53.3	51.8	51.7	54.0
20%	53.5	54.6	53.3	49.8	48.8	50.7	54.1	53.7	51.0	50.9	51.3	52.7
30%	52.7	54.6	53.1	49.1	48.3	49.9	53.8	53.2	50.5	50.7	50.9	52.0
40%	52.4	54.5	52.8	48.8	47.9	49.7	53.2	52.7	50.3	50.6	50.4	51.4
50%	52.1	54.4	52.5	48.4	47.4	49.3	52.8	52.5	50.1	50.5	50.2	51.0
60%	51.6	54.2	52.2	48.1	47.0	48.7	52.1	52.1	49.9	50.4	50.0	50.7
70%	51.4	54.1	51.9	47.7	46.5	48.0	51.5	51.8	49.7	50.2	49.8	50.3
80%	51.2	54.0	51.3	47.1	45.9	47.6	51.2	51.3	49.5	50.1	49.7	50.0
90%	51.0	53.7	50.6	46.5	45.5	46.8	50.8	50.9	49.3	50.0	49.6	49.7

Table 5A-D1.14.2-B. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.7	54.4	52.4	48.4	47.4	49.1	52.6	52.5	50.6	50.6	50.7	51.8
Wet Water Years	51.8	54.3	52.5	47.7	46.3	47.9	51.7	52.0	50.1	50.3	49.9	50.4
Above Normal Water Years	51.7	54.1	52.6	48.3	47.1	49.1	52.7	52.1	49.9	50.5	50.0	50.4
Below Normal Water Years	52.2	54.2	52.3	48.5	47.7	49.5	53.2	52.4	50.1	50.4	50.3	51.4
Dry Water Years	52.4	54.2	52.4	49.1	48.3	49.9	53.5	52.6	50.0	50.6	50.8	51.8
Critical Water Years	57.0	55.3	52.0	48.8	48.5	50.1	52.7	53.9	53.4	51.9	53.2	56.6

Table 5A-D1.14.2-C. Sacramento River Below Keswick, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	-0.2	-0.1
20%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	-0.2
30%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.1	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	-0.1	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
80%	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.14.2-D. Sacramento River Below Keswick, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.1	0.1	0.2	0.1	-0.2	-0.1	0.1	-0.1	-0.7	-0.3

Table 5A-D1.14.2-E. Sacramento River Below Keswick, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	-0.1%	0.0%	0.0%	-0.3%	-0.1%
20%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	-0.1%	0.0%	0.1%	-0.2%	-0.3%
30%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	0.1%	0.0%	0.1%	-0.1%
40%	0.1%	0.0%	-0.1%	0.0%	0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.1%	-0.2%	-0.1%
50%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.1%	0.0%	0.0%
60%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	-0.3%	0.0%	0.0%	-0.1%	-0.1%
70%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.3%
80%	0.0%	0.1%	0.2%	0.0%	-0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	-0.2%	-0.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%

Table 5A-D1.14.2-F. Sacramento River Below Keswick, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.1%
Wet Water Years	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 Water Years	-0.1%	0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.1%	0.3%	0.2%	0.4%	0.1%	-0.3%	-0.2%	0.3%	-0.2%	-1.3%	-0.5%

Table 5A-D1.14.3-A. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	55.0	55.0	53.8	50.3	49.3	51.1	54.6	54.4	53.3	51.8	51.8	54.1
20%	53.5	54.6	53.3	49.8	48.8	50.6	54.2	53.7	51.0	50.9	51.3	52.7
30%	52.8	54.6	53.1	49.1	48.3	49.9	53.8	53.3	50.4	50.7	50.9	52.0
40%	52.4	54.5	52.9	48.7	47.9	49.7	53.2	52.7	50.3	50.6	50.4	51.4
50%	52.0	54.4	52.5	48.4	47.3	49.3	52.8	52.5	50.1	50.5	50.3	51.0
60%	51.6	54.2	52.2	48.1	47.0	48.8	52.3	52.1	49.9	50.4	50.0	50.7
70%	51.5	54.2	51.9	47.7	46.4	48.0	51.6	51.7	49.8	50.2	49.8	50.2
80%	51.2	54.0	51.2	47.1	46.0	47.5	51.1	51.3	49.4	50.1	49.7	50.0
90%	51.0	53.7	50.6	46.5	45.4	46.8	50.8	50.9	49.3	50.0	49.6	49.7

Table 5A-D1.14.3-B. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.8	54.4	52.4	48.4	47.4	49.1	52.7	52.5	50.6	50.6	50.7	51.9
Wet Water Years	51.8	54.4	52.5	47.7	46.3	47.9	51.7	52.0	50.1	50.3	49.9	50.4
Above Normal Water Years	51.7	54.2	52.6	48.3	47.1	49.1	52.7	52.1	49.9	50.5	50.0	50.4
Below Normal Water Years	52.2	54.3	52.3	48.6	47.7	49.5	53.2	52.4	50.1	50.4	50.4	51.4
Dry Water Years	52.4	54.2	52.4	49.1	48.3	49.9	53.6	52.6	50.1	50.6	50.8	51.8
Critical Water Years	57.2	55.3	51.9	48.8	48.4	50.1	52.8	53.9	53.4	51.9	53.3	56.8

Table 5A-D1.14.3-C. Sacramento River Below Keswick, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	0.0	-0.1	0.1
20%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.2
30%	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
50%	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	0.1	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.0	0.1
80%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.14.3-D. Sacramento River Below Keswick, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Dry Water Years	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 Water Years	0.2	0.1	0.1	0.1	0.1	0.0	-0.1	0.0	0.1	-0.1	-0.6	-0.1

Table 5A-D1.14.3-E. Sacramento River Below Keswick, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	-0.1%	0.1%	0.2%	0.1%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.2%
20%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%	-0.3%
30%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%
40%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.2%	0.0%
50%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%
60%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.2%	-0.2%	0.0%	0.0%	-0.1%	-0.1%
70%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.3%	-0.1%	0.0%	-0.1%	0.0%	0.1%
80%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
90%	0.0%	0.0%	-0.2%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%

Table 5A-D1.14.3-F. Sacramento River Below Keswick, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	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	-0.1%	0.2%	-0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.3%	0.1%	0.1%	0.2%	0.2%	0.0%	-0.1%	-0.1%	0.3%	-0.3%	-1.1%	-0.2%

Table 5A-D1.14.4-A. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.9	54.9	53.9	50.3	49.3	51.1	54.6	54.4	53.4	51.8	51.7	54.0
20%	53.5	54.6	53.3	49.7	48.8	50.6	54.2	53.7	51.1	50.9	51.2	52.7
30%	52.7	54.6	53.1	49.1	48.3	50.0	53.8	53.3	50.5	50.7	51.0	52.0
40%	52.4	54.5	52.8	48.7	47.8	49.7	53.2	52.7	50.3	50.6	50.4	51.4
50%	52.1	54.4	52.5	48.4	47.4	49.3	52.7	52.5	50.1	50.5	50.2	51.0
60%	51.6	54.2	52.2	48.1	47.0	48.8	52.2	52.1	49.9	50.4	50.0	50.7
70%	51.5	54.1	51.9	47.7	46.5	48.0	51.5	51.7	49.8	50.3	49.8	50.2
80%	51.2	54.0	51.3	47.1	46.0	47.6	51.1	51.3	49.5	50.1	49.7	50.0
90%	51.0	53.7	50.7	46.5	45.4	46.8	50.8	50.9	49.3	50.0	49.6	49.7

Table 5A-D1.14.4-B. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.7	54.4	52.4	48.4	47.4	49.1	52.7	52.5	50.6	50.6	50.7	51.8
Wet Water Years	51.8	54.3	52.5	47.7	46.3	47.9	51.7	52.0	50.1	50.3	49.9	50.4
Above Normal Water Years	51.7	54.2	52.6	48.3	47.1	49.1	52.7	52.1	49.9	50.5	50.0	50.4
Below Normal Water Years	52.2	54.3	52.3	48.5	47.7	49.5	53.2	52.4	50.1	50.4	50.4	51.4
Dry Water Years	52.4	54.2	52.4	49.1	48.3	49.9	53.5	52.6	50.1	50.6	50.8	51.7
Critical Water Years	57.1	55.3	52.0	48.8	48.4	50.1	52.8	53.9	53.5	51.9	53.1	56.6

Table 5A-D1.14.4-C. Sacramento River Below Keswick, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.1	-0.1	-0.1	0.0
20%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1
30%	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0
40%	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
80%	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0
90%	-0.1	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.14.4-D. Sacramento River Below Keswick, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Dry Water Years	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 Water Years	0.1	0.1	0.1	0.1	0.1	0.1	-0.1	-0.1	0.2	-0.2	-0.8	-0.3

Table 5A-D1.14.4-E. Sacramento River Below Keswick, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	-0.1%	0.2%	-0.1%	-0.3%	0.0%
20%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%	-0.2%
30%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.2%	-0.1%
40%	0.1%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.1%	-0.2%	0.0%
50%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.1%	0.0%	0.0%
60%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	-0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.0%	0.0%	-0.1%	0.1%
80%	0.0%	0.1%	0.2%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%	0.0%
90%	-0.2%	0.0%	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%

Table 5A-D1.14.4-F. Sacramento River Below Keswick, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.3%	-0.1%
Wet Water Years	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	-0.1%	0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Dry Water Years	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	-0.2%
Critical Water Years	0.1%	0.2%	0.3%	0.2%	0.3%	0.1%	-0.2%	-0.2%	0.4%	-0.3%	-1.5%	-0.6%

Table 5A-D1.14.5-A. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.9	55.0	53.8	50.3	49.3	51.1	54.6	54.4	53.3	51.8	51.8	54.1
20%	53.5	54.7	53.3	49.8	48.8	50.6	54.2	53.7	51.1	50.9	51.3	52.7
30%	52.8	54.6	53.1	49.1	48.3	49.9	53.8	53.2	50.4	50.7	50.9	52.0
40%	52.4	54.5	52.9	48.7	47.9	49.7	53.2	52.7	50.3	50.6	50.4	51.4
50%	52.0	54.4	52.5	48.4	47.3	49.3	52.8	52.5	50.1	50.5	50.3	51.0
60%	51.6	54.2	52.2	48.1	47.0	48.8	52.3	52.1	49.9	50.4	50.0	50.7
70%	51.5	54.2	51.9	47.7	46.4	48.0	51.6	51.7	49.8	50.2	49.8	50.2
80%	51.3	54.0	51.2	47.1	46.0	47.5	51.1	51.3	49.5	50.1	49.7	50.0
90%	51.0	53.7	50.7	46.5	45.4	46.8	50.8	50.9	49.3	50.0	49.6	49.7

Table 5A-D1.14.5-B. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	52.8	54.4	52.4	48.4	47.4	49.1	52.7	52.5	50.6	50.6	50.7	51.9
Wet Water Years	51.8	54.4	52.5	47.7	46.3	47.9	51.7	52.0	50.1	50.3	49.9	50.4
Above Normal Water Years	51.7	54.2	52.6	48.3	47.1	49.1	52.7	52.1	49.9	50.5	50.0	50.4
Below Normal Water Years	52.2	54.3	52.3	48.6	47.7	49.5	53.2	52.4	50.1	50.4	50.4	51.4
Dry Water Years	52.4	54.2	52.4	49.1	48.3	49.9	53.6	52.6	50.0	50.6	50.8	51.8
Critical Water Years	57.2	55.3	51.9	48.8	48.4	50.1	52.8	53.9	53.4	51.9	53.2	56.8

Table 5A-D1.14.5-C. Sacramento River Below Keswick, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.0	0.0	-0.1	0.1
20%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.2
30%	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
50%	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	0.1	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.0	0.1
80%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.14.5-D. Sacramento River Below Keswick, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Dry Water Years	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 Water Years	0.2	0.1	0.1	0.1	0.1	0.0	-0.1	0.0	0.1	-0.1	-0.6	-0.1

Table 5A-D1.14.5-E. Sacramento River Below Keswick, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	-0.1%	0.1%	0.2%	0.1%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.2%
20%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	-0.3%
30%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%
40%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.2%	0.0%
50%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.1%	-0.2%	0.0%	0.1%	0.0%	0.0%
60%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.2%	-0.3%	0.0%	0.0%	-0.1%	-0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.1%	0.0%	-0.1%	0.0%	0.1%
80%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
90%	0.0%	0.0%	-0.2%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%

Table 5A-D1.14.5-F. Sacramento River Below Keswick, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	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	-0.1%	0.2%	-0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.3%	0.2%	0.1%	0.2%	0.2%	0.1%	-0.1%	-0.1%	0.3%	-0.3%	-1.2%	-0.2%

Figure 5A-D1.14.1. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

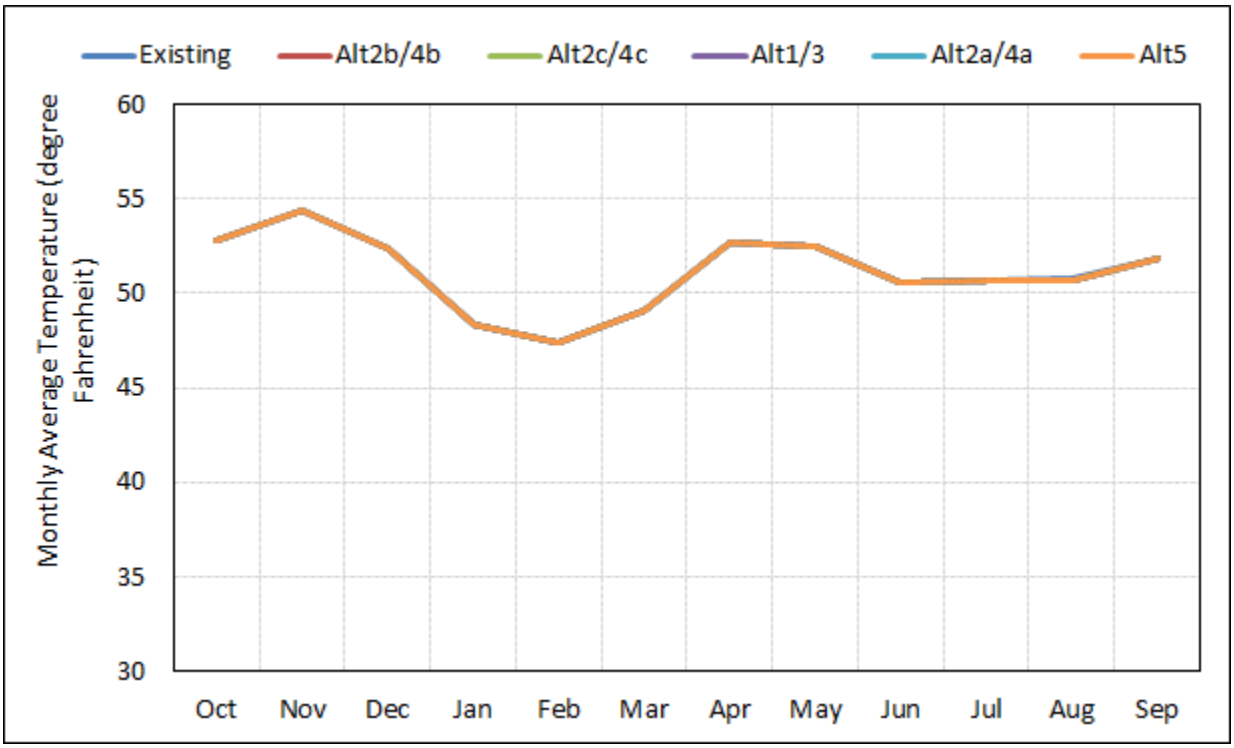


Figure 5A-D1.14.2. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

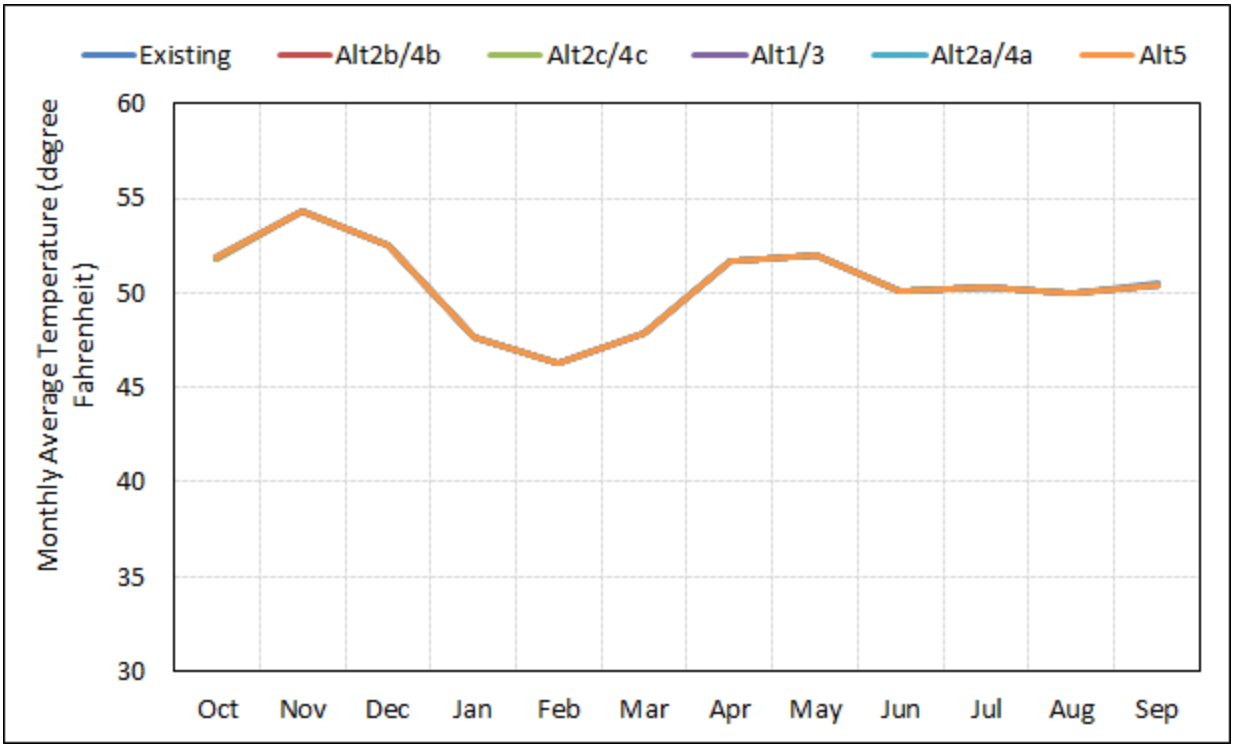


Figure 5A-D1.14.3. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

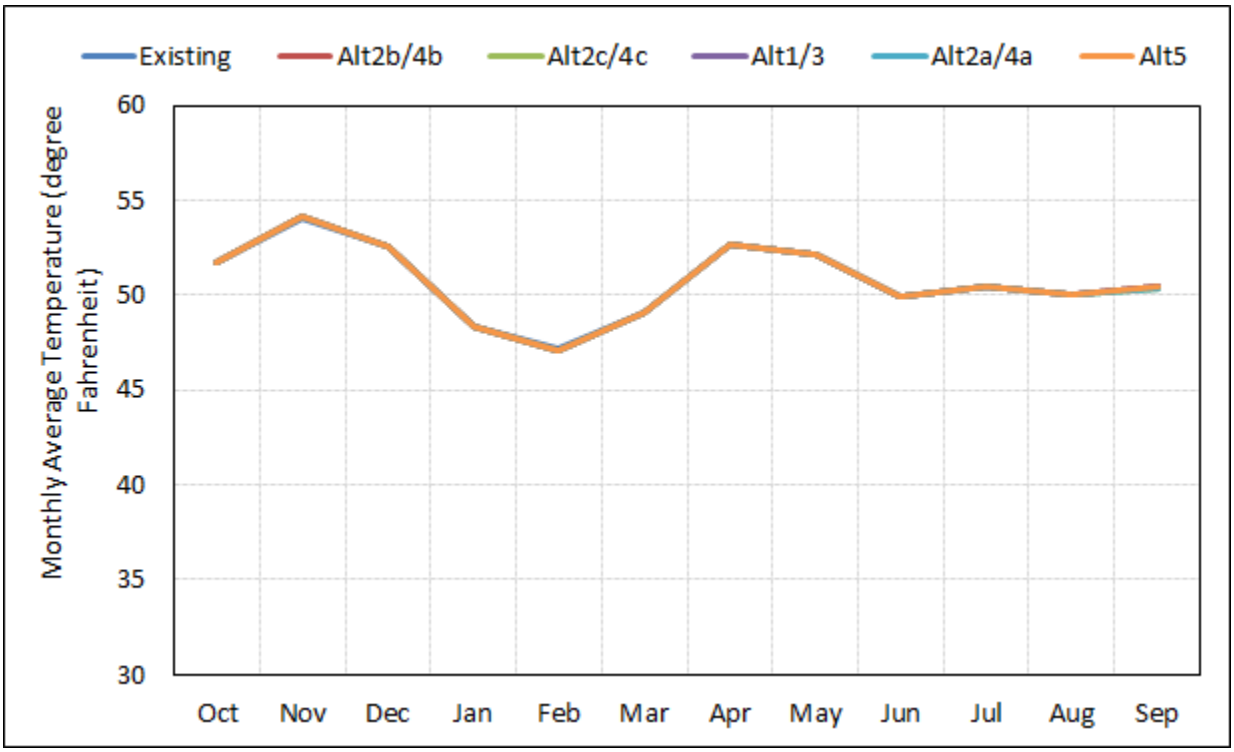


Figure 5A-D1.14.4. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

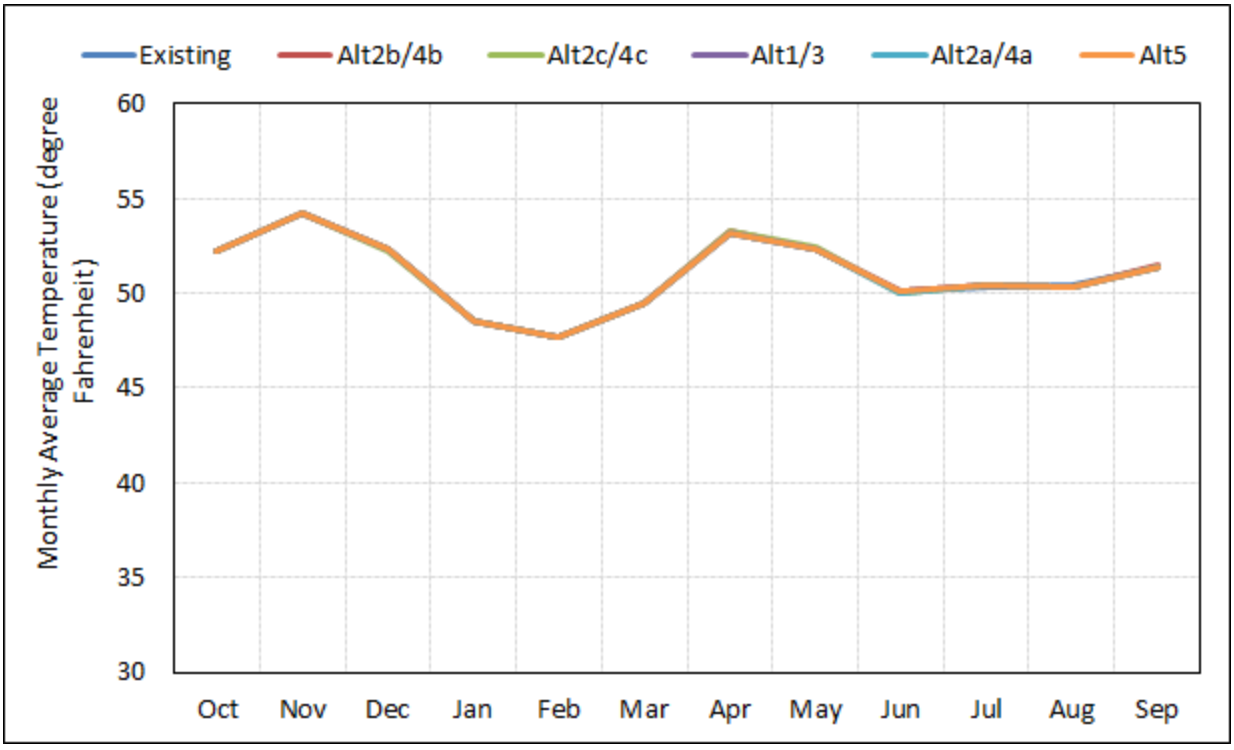


Figure 5A-D1.14.5. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

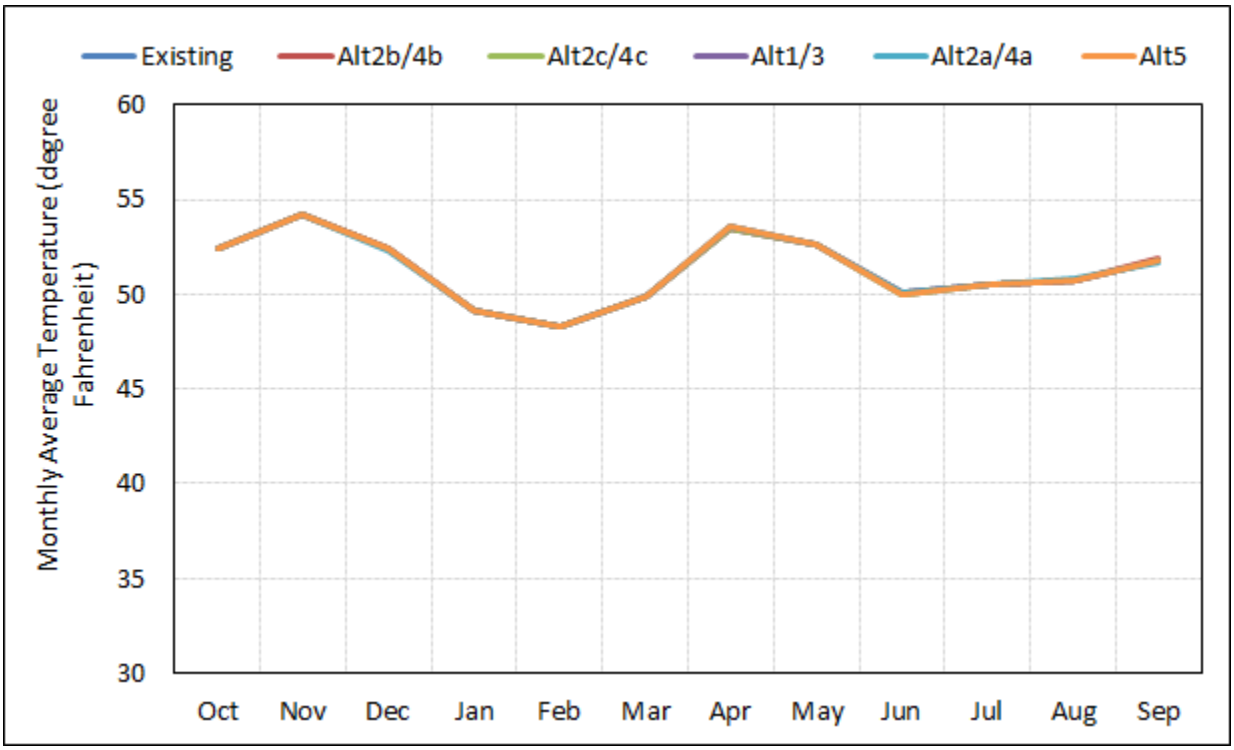


Figure 5A-D1.14.6. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

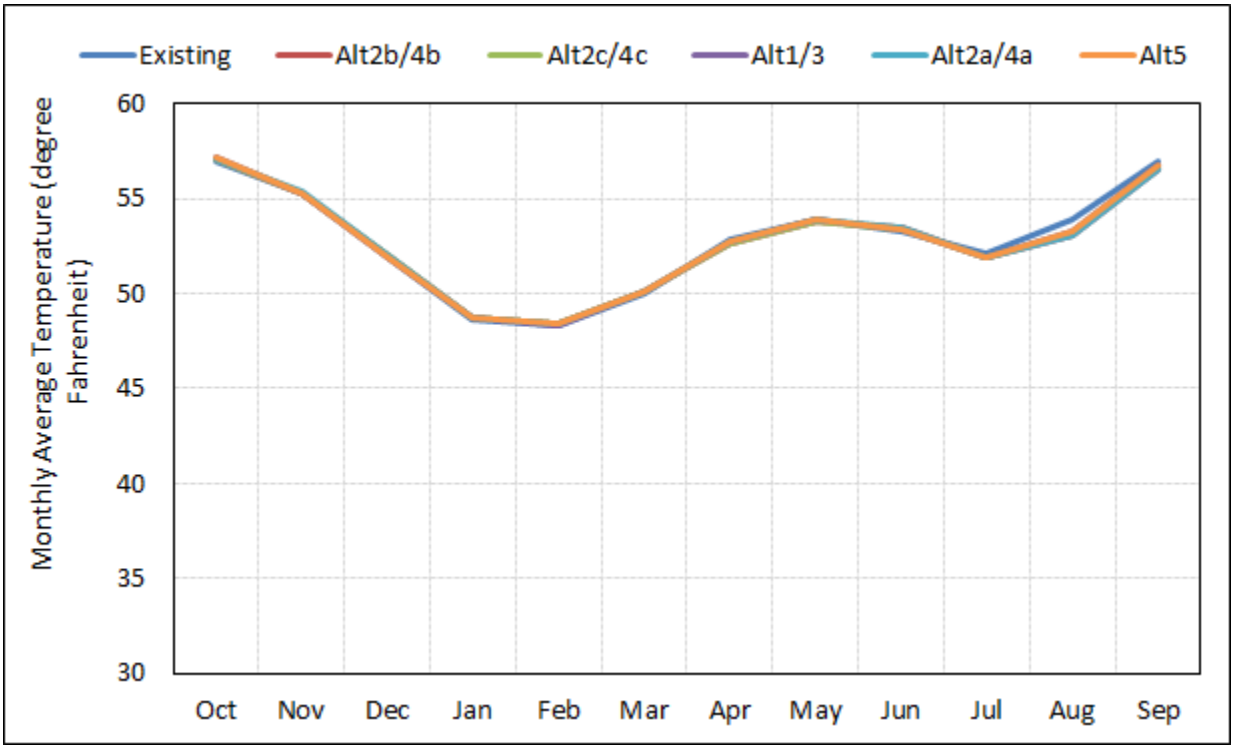


Figure 5A-D1.14.7. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

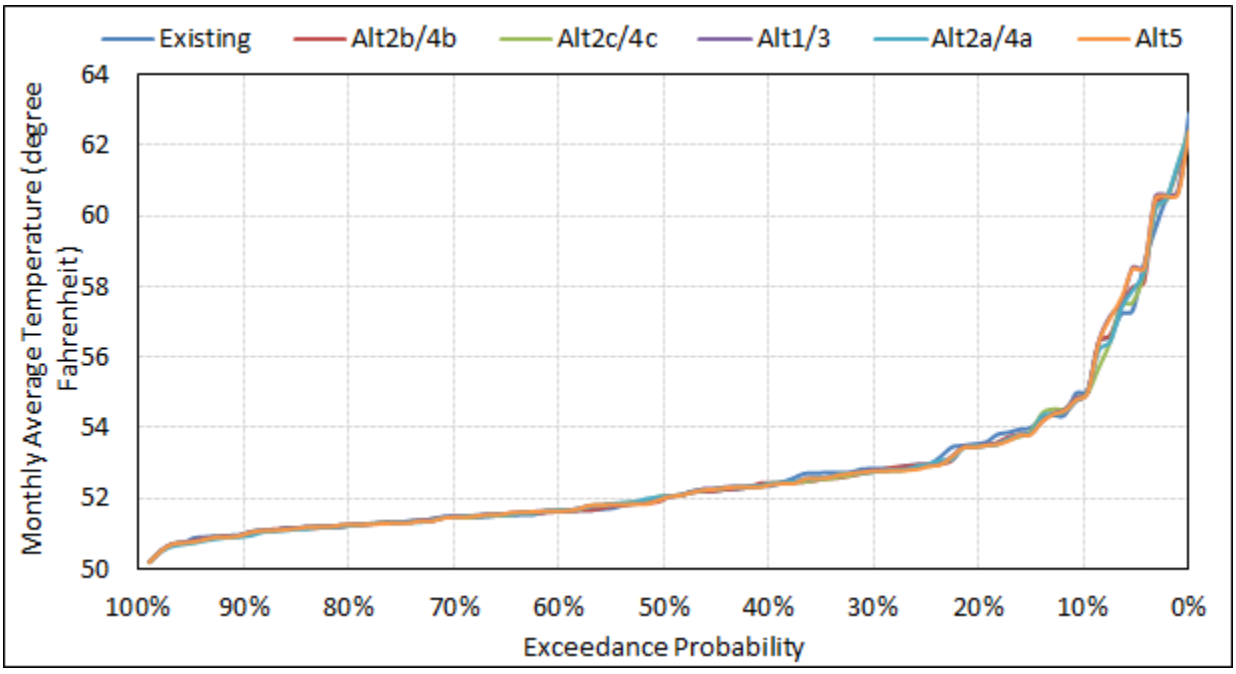


Figure 5A-D1.14.8. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

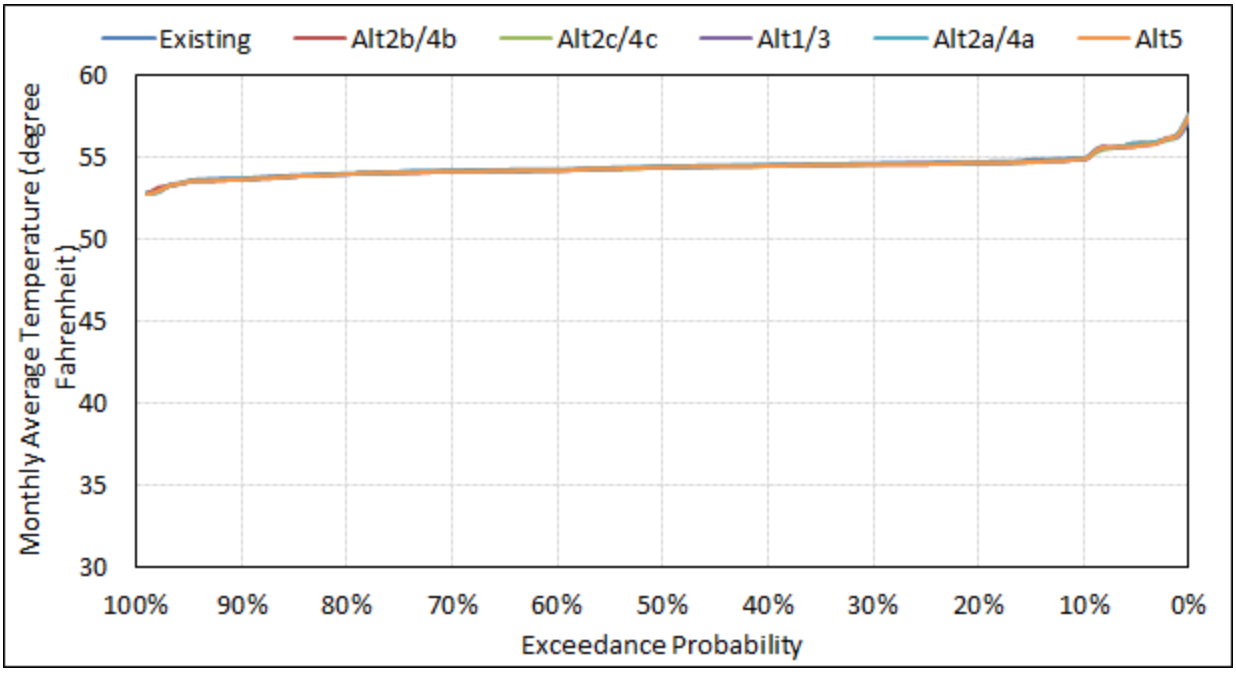


Figure 5A-D1.14.9. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

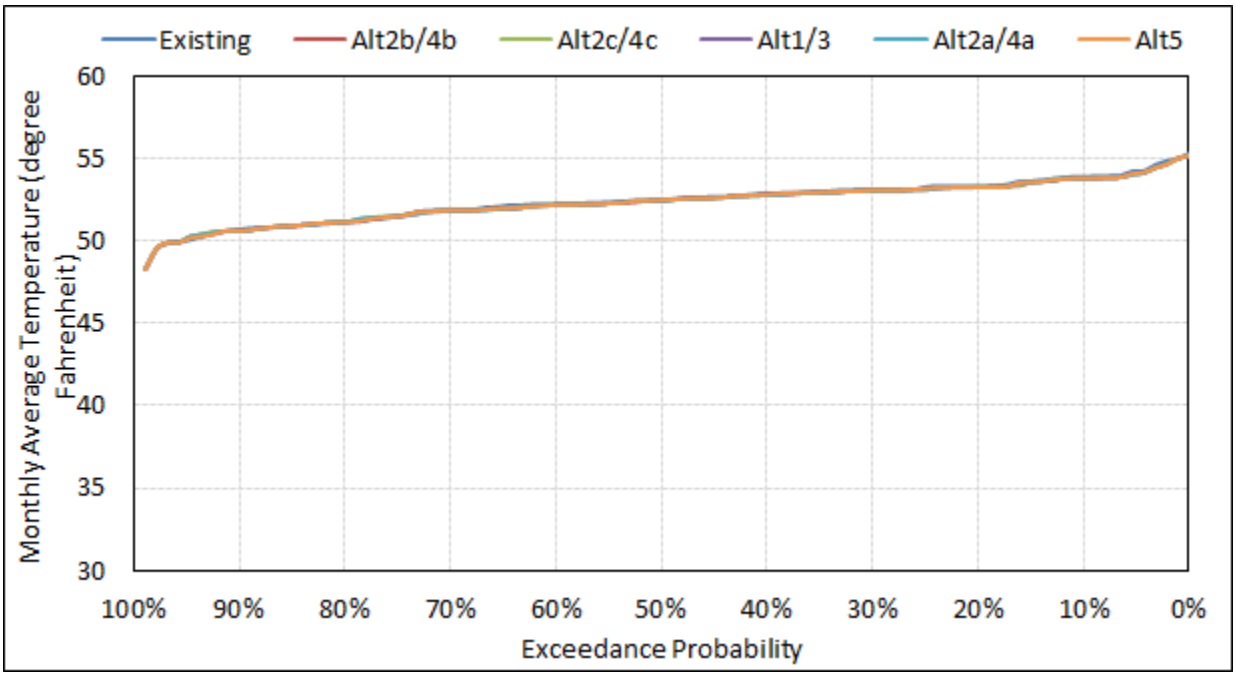


Figure 5A-D1.14.10. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

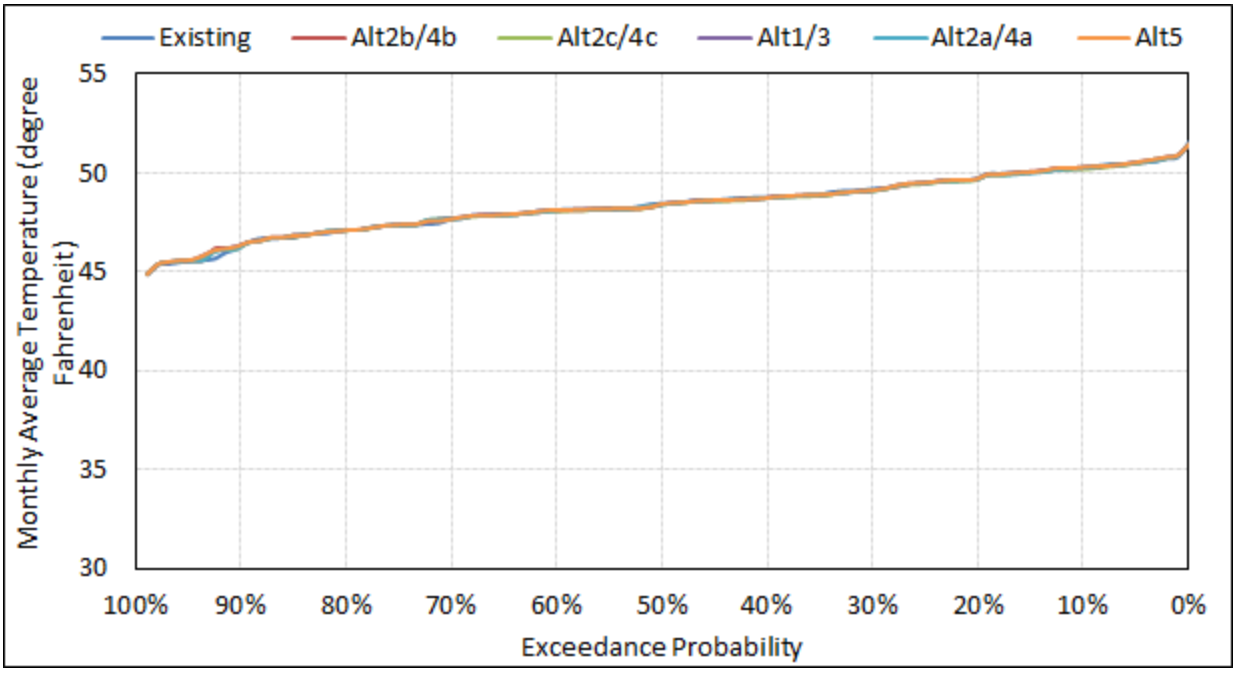


Figure 5A-D1.14.11. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

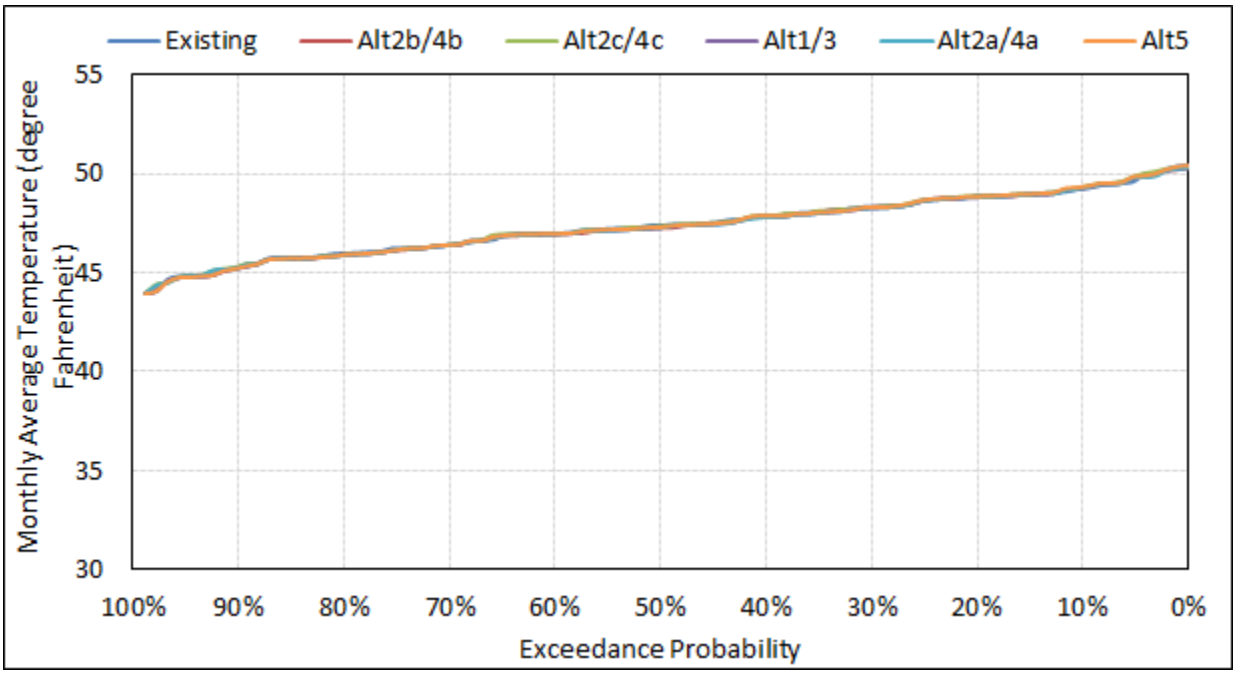


Figure 5A-D1.14.12. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

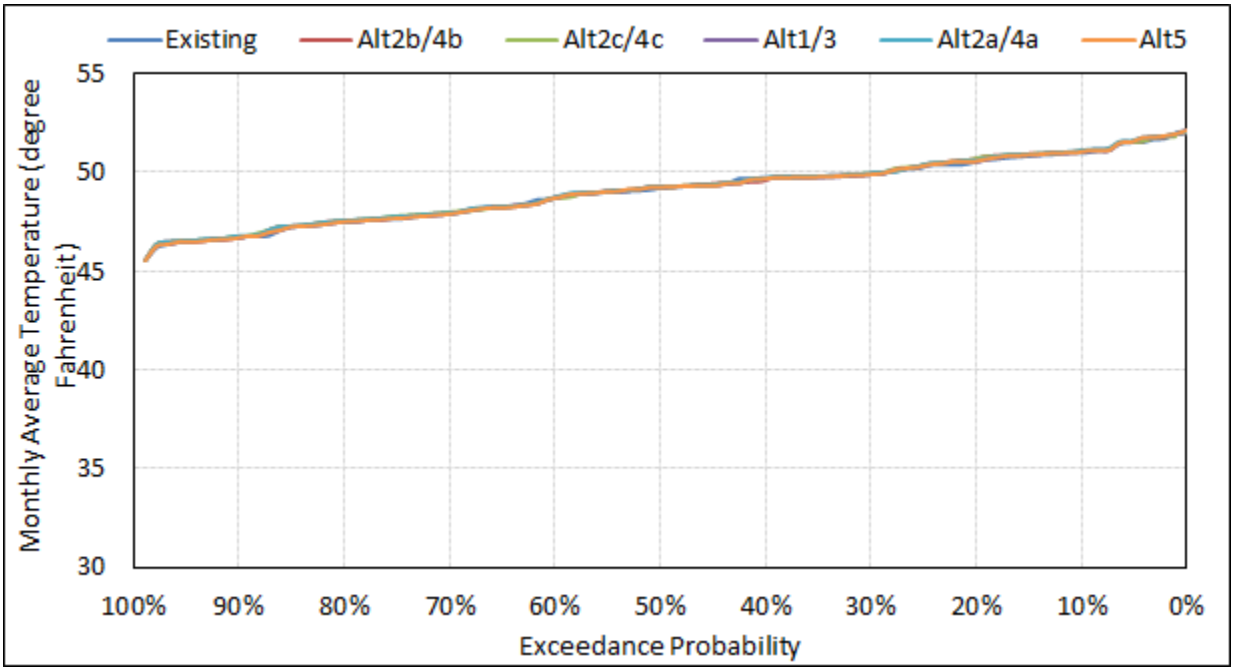


Figure 5A-D1.14.13. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

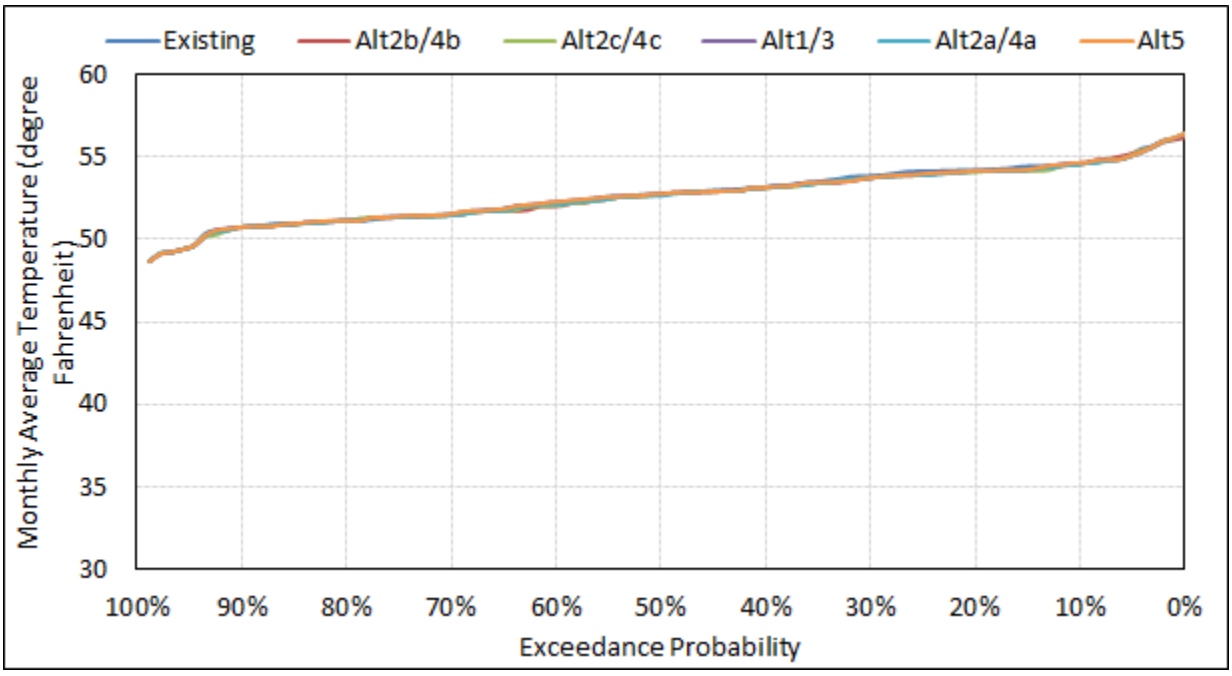


Figure 5A-D1.14.14. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

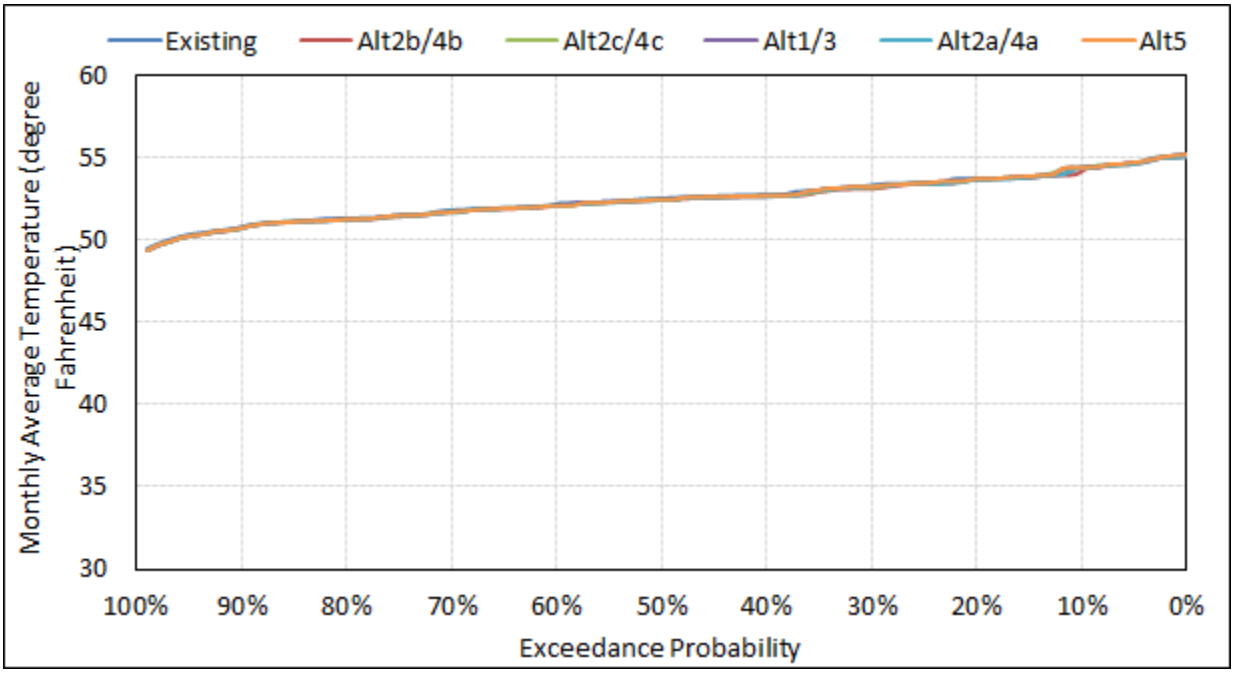


Figure 5A-D1.14.15. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

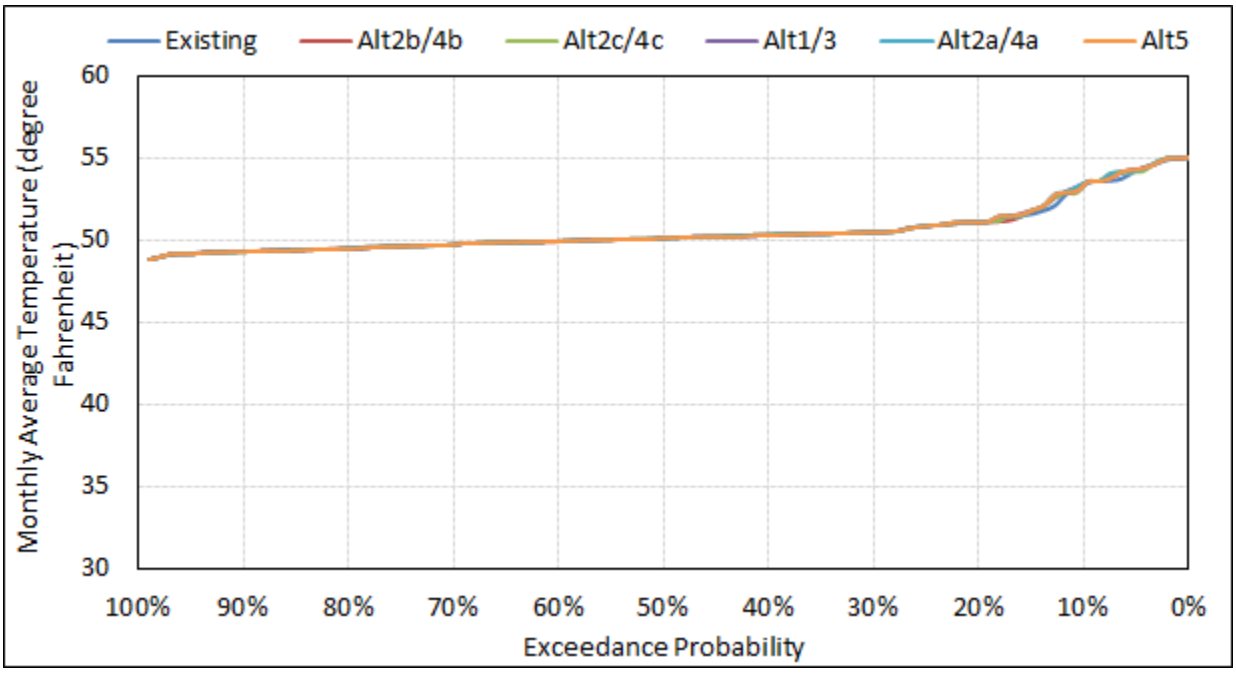


Figure 5A-D1.14.16. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

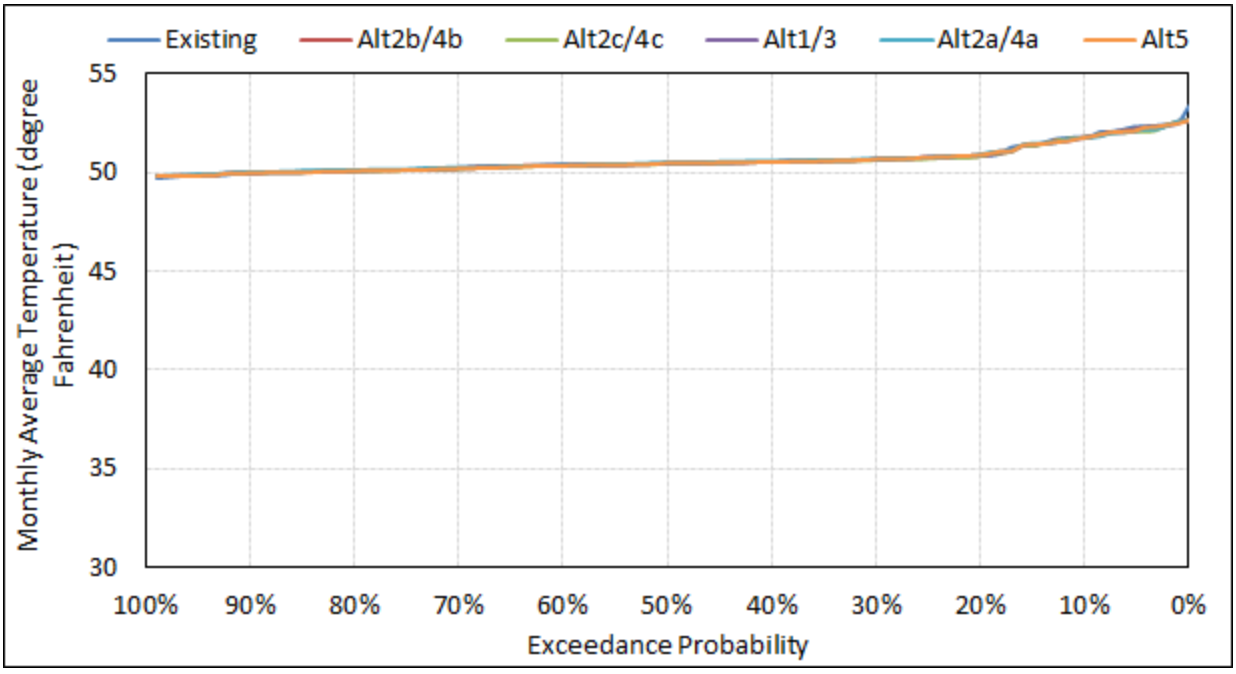


Figure 5A-D1.14.17. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

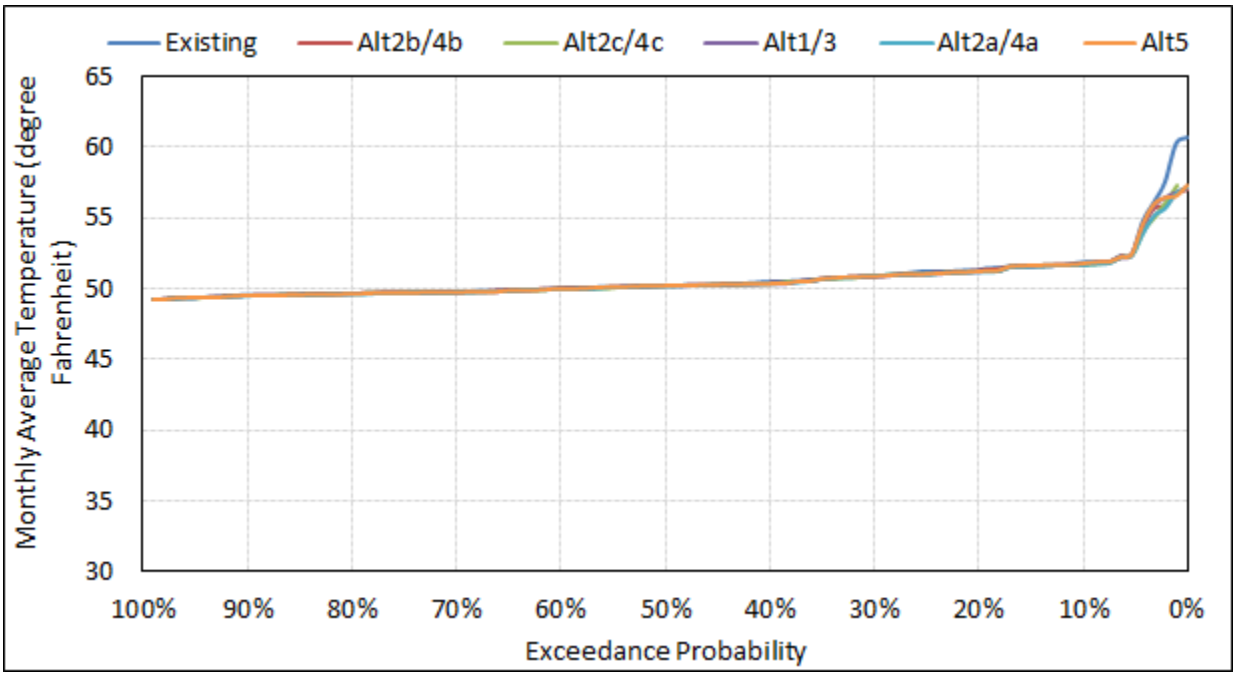


Figure 5A-D1.14.18. Sacramento River Below Keswick, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

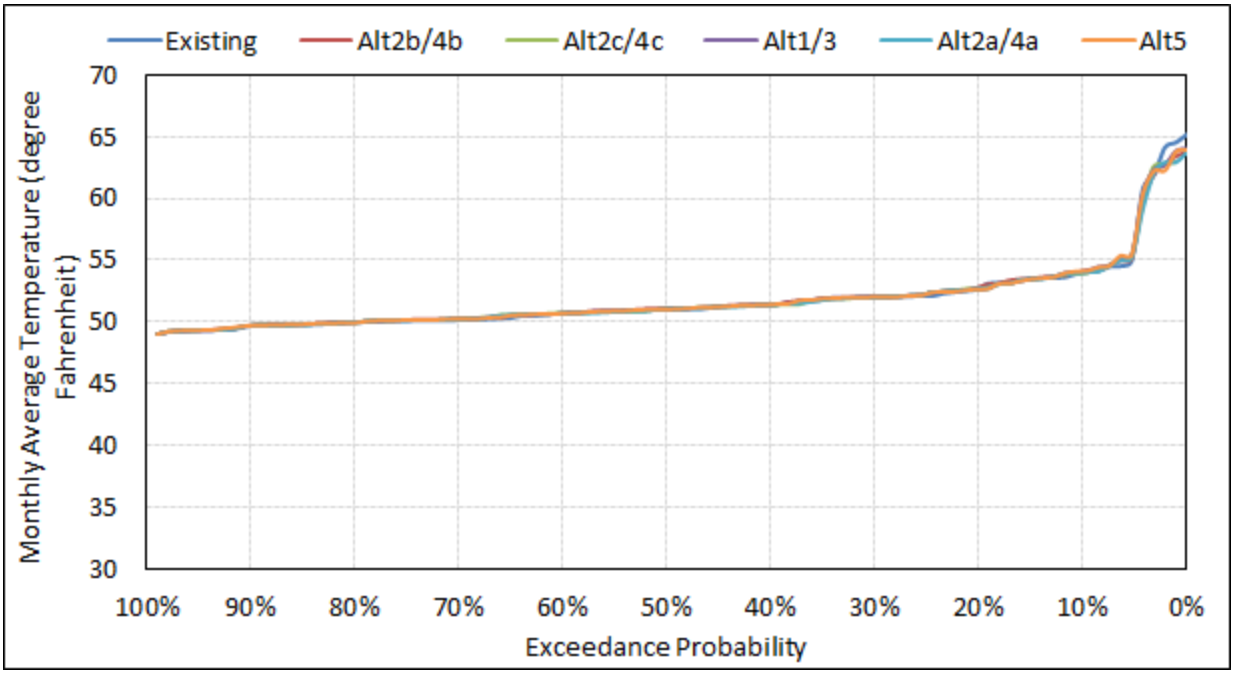


Figure 5A-D1.14.19. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions

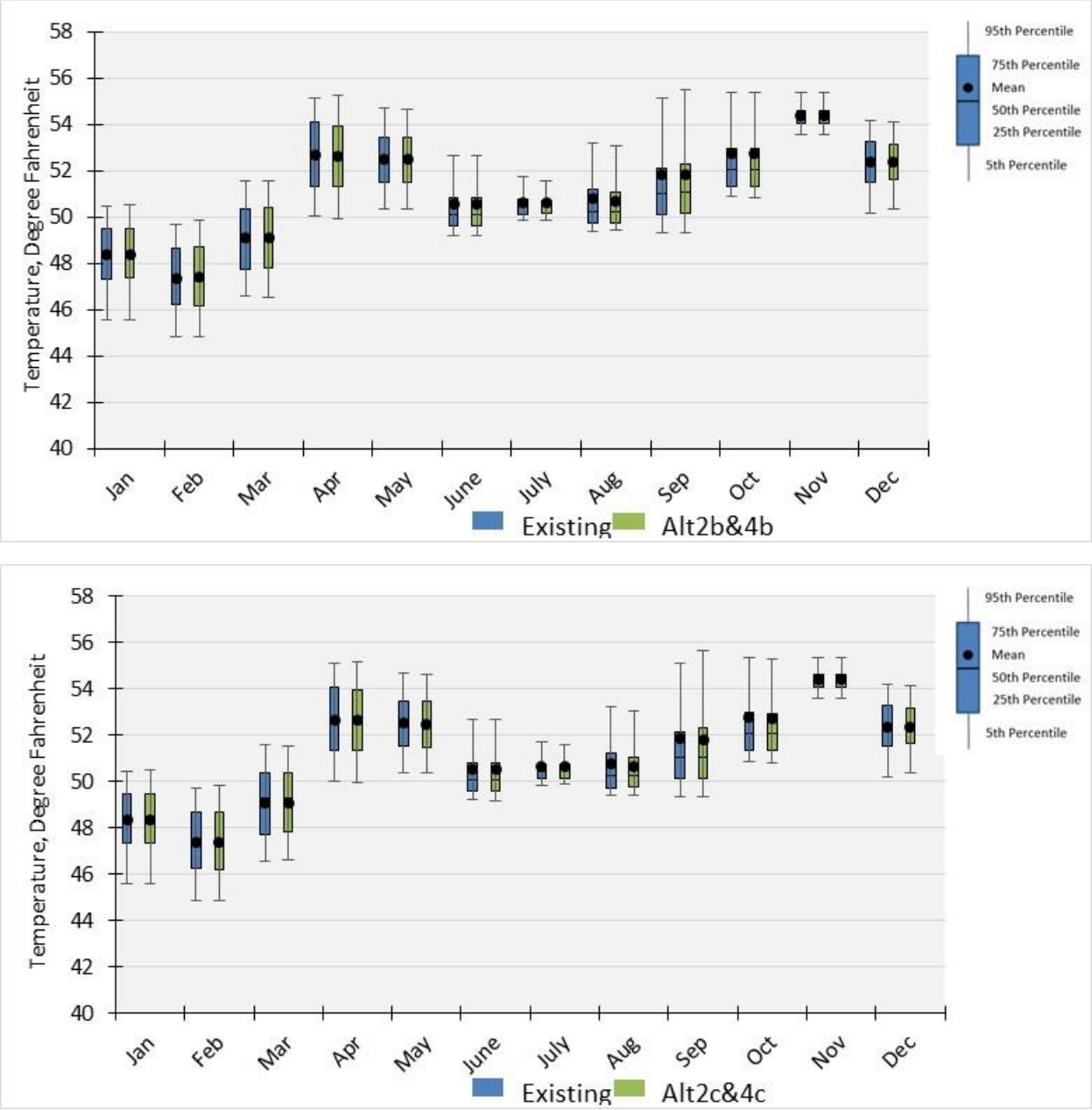
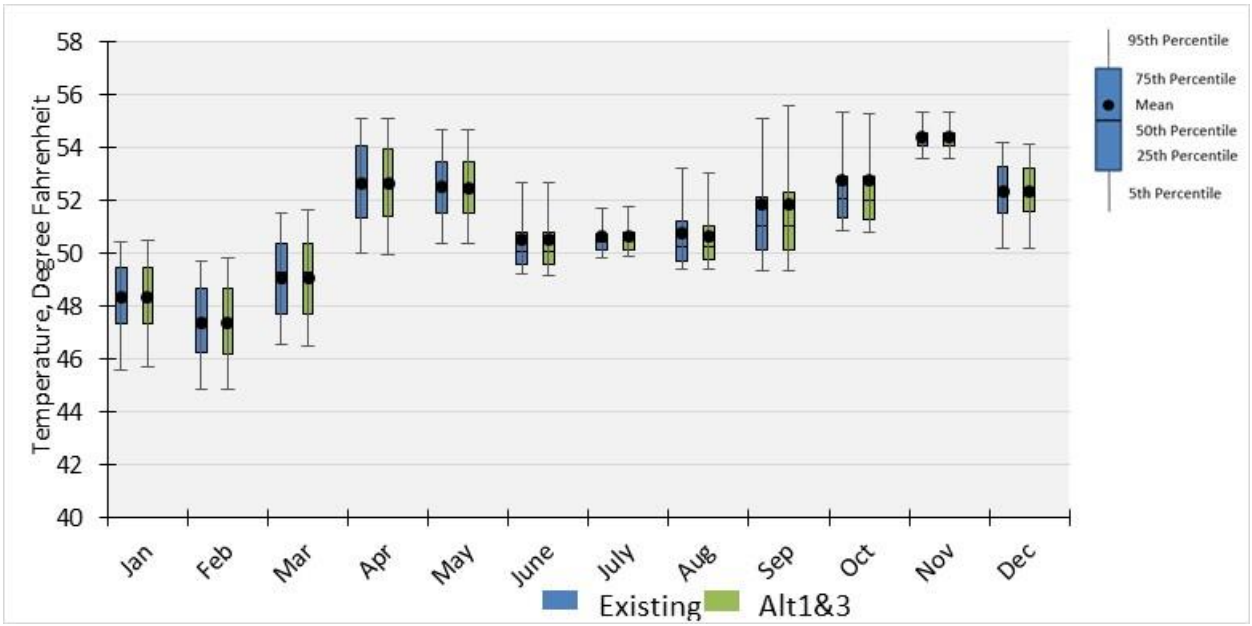


Figure 5A-D1.14.20. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



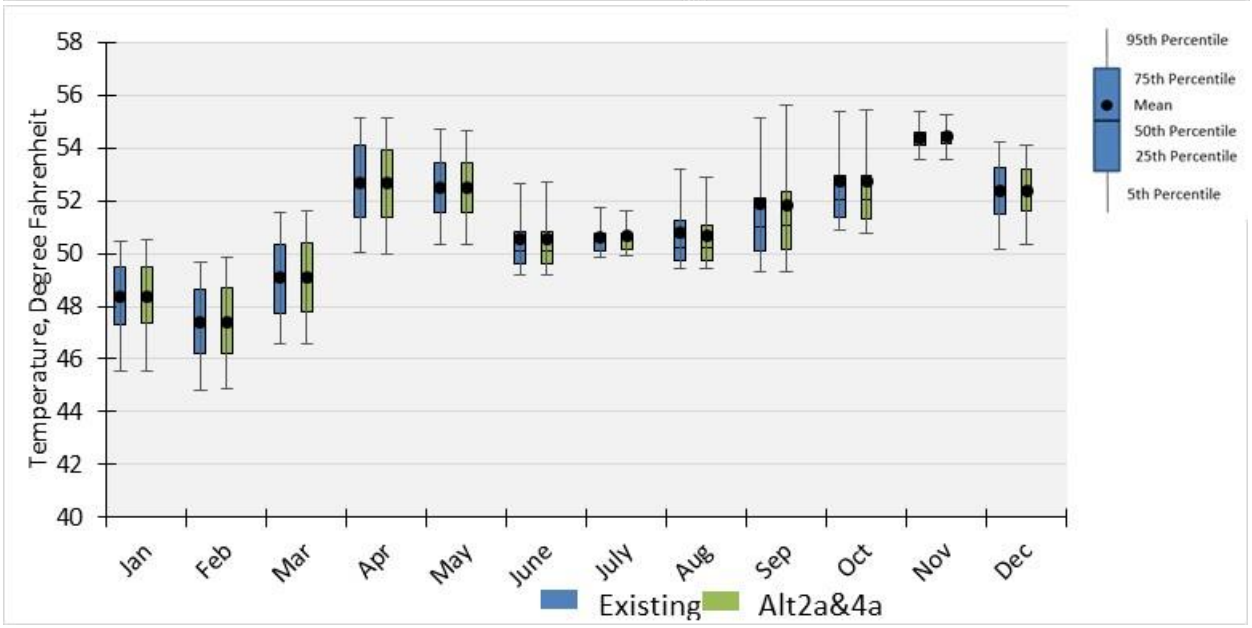


Figure 5A-D1.14.21. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

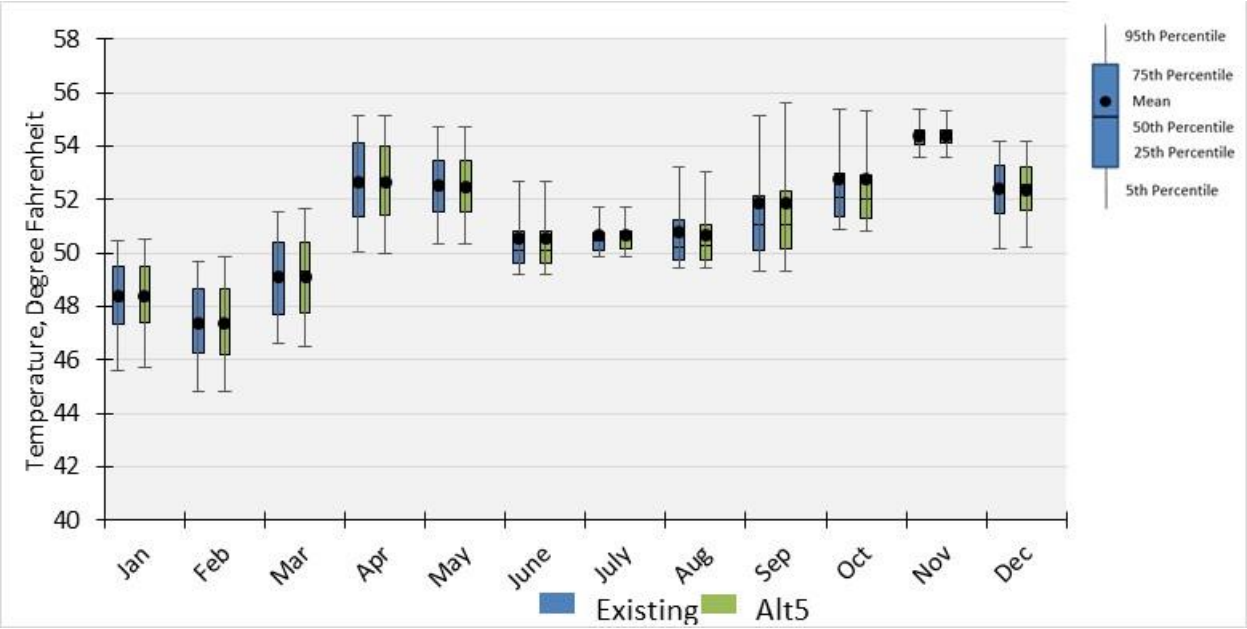
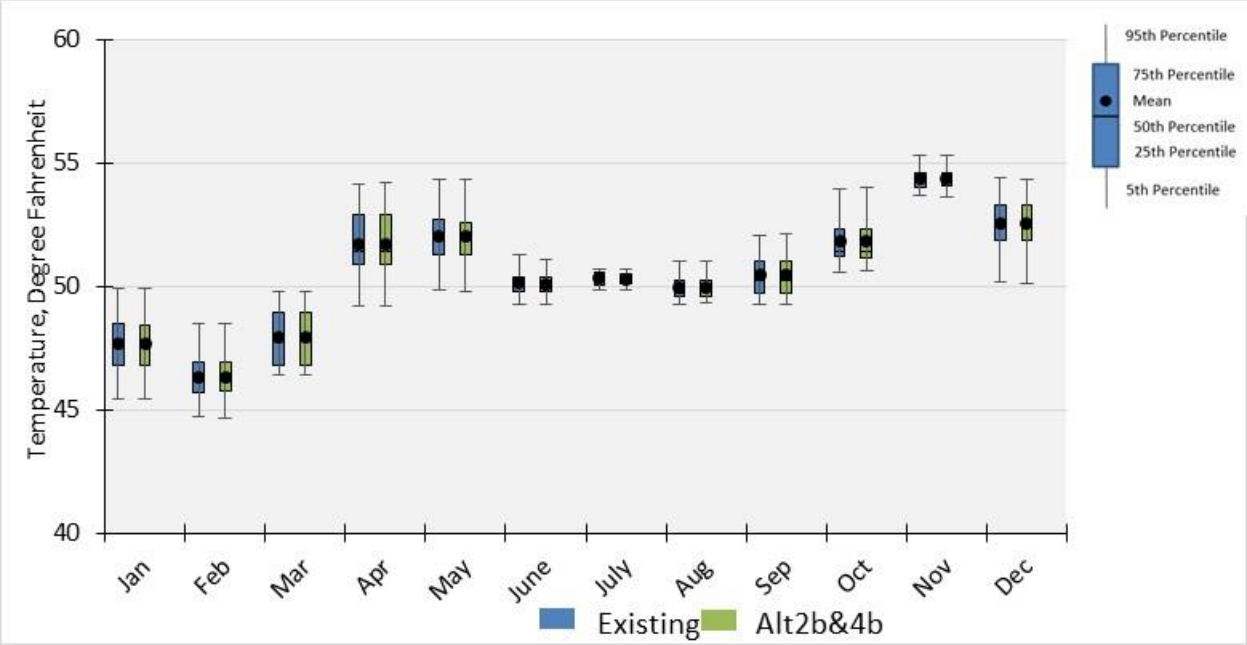


Figure 5A-D1.14.22. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



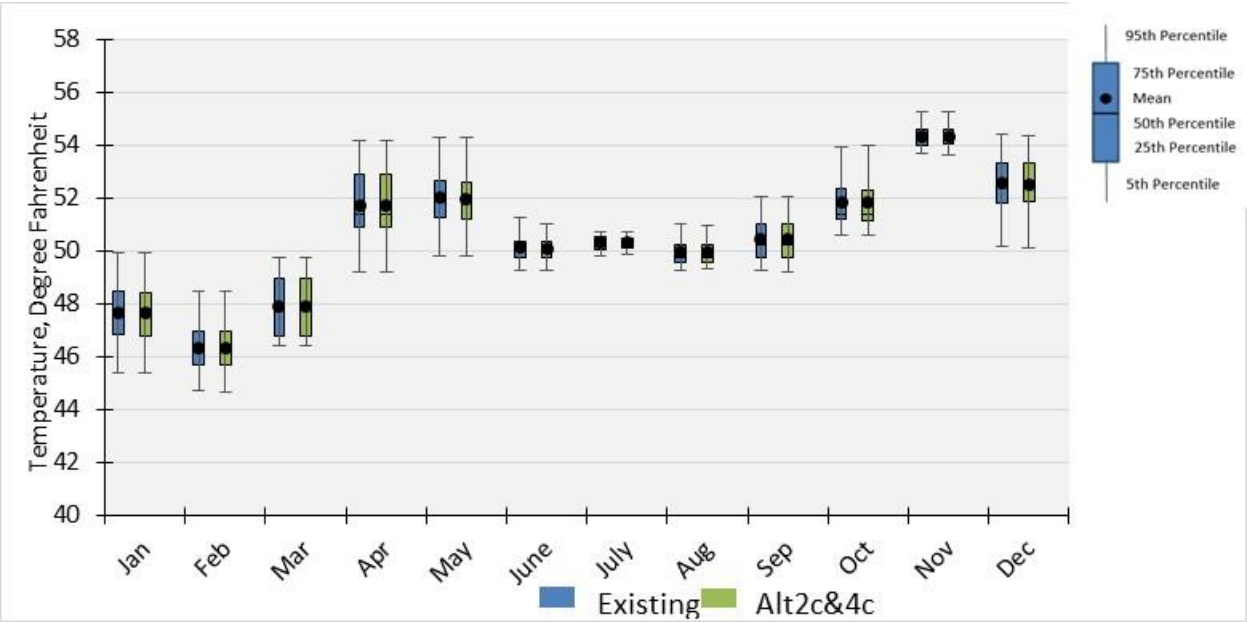
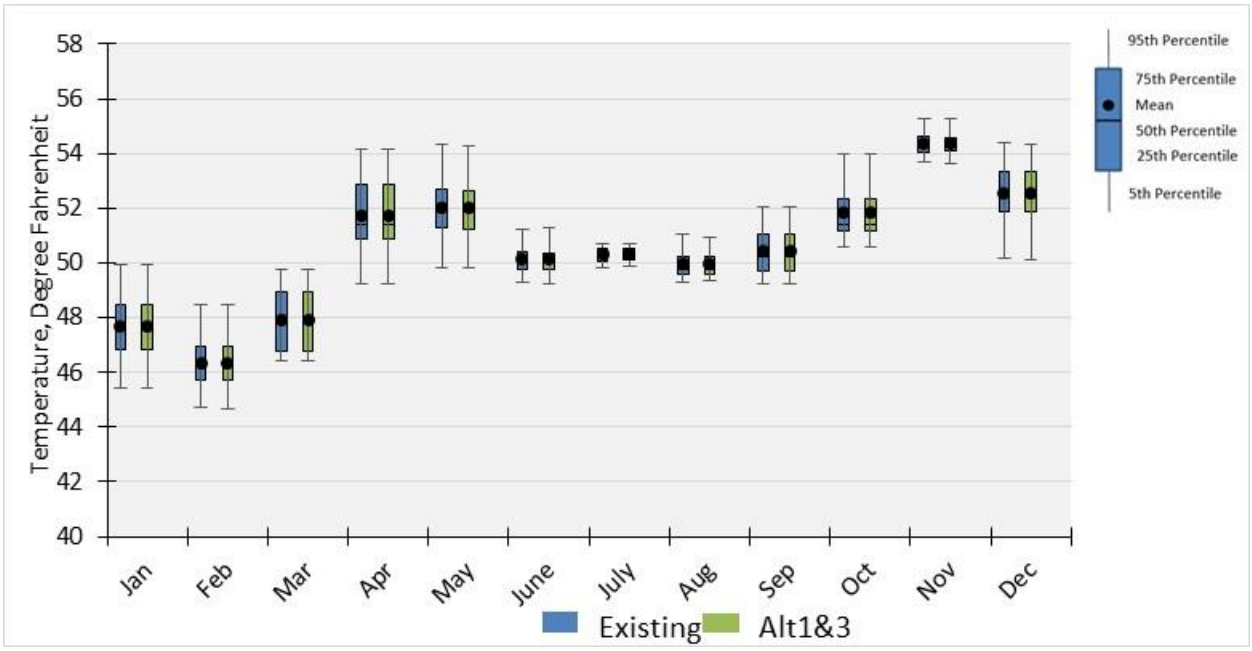


Figure 5A-D1.14.23. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



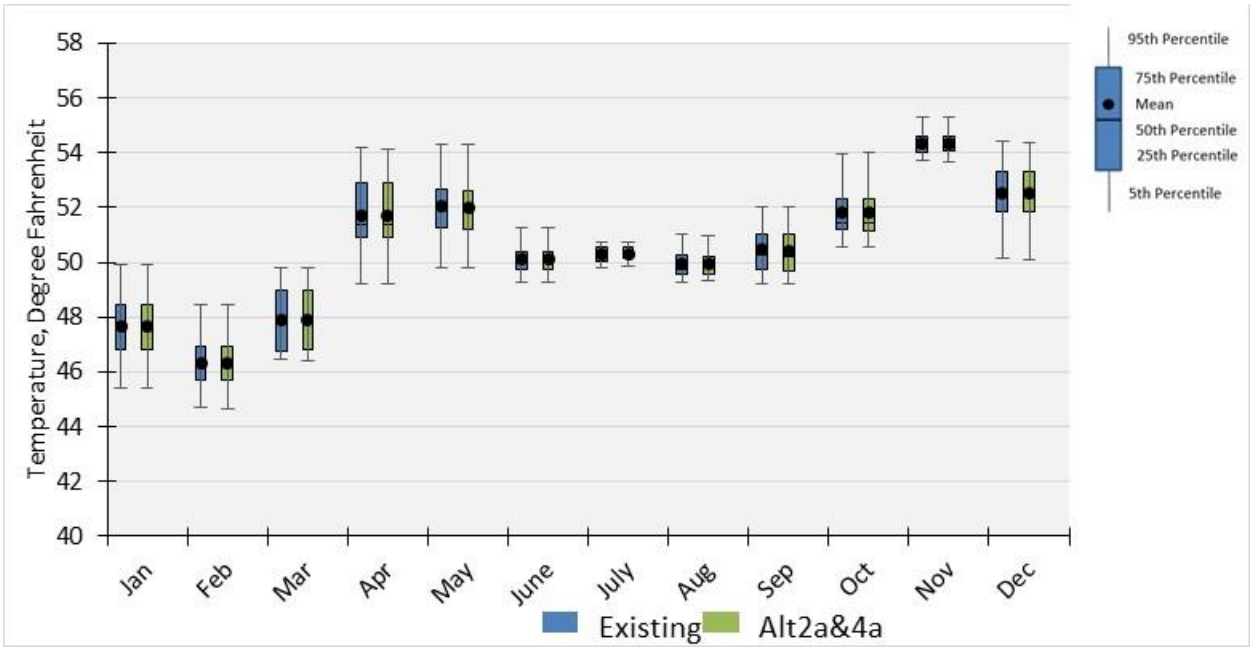


Figure 5A-D1.14.24. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

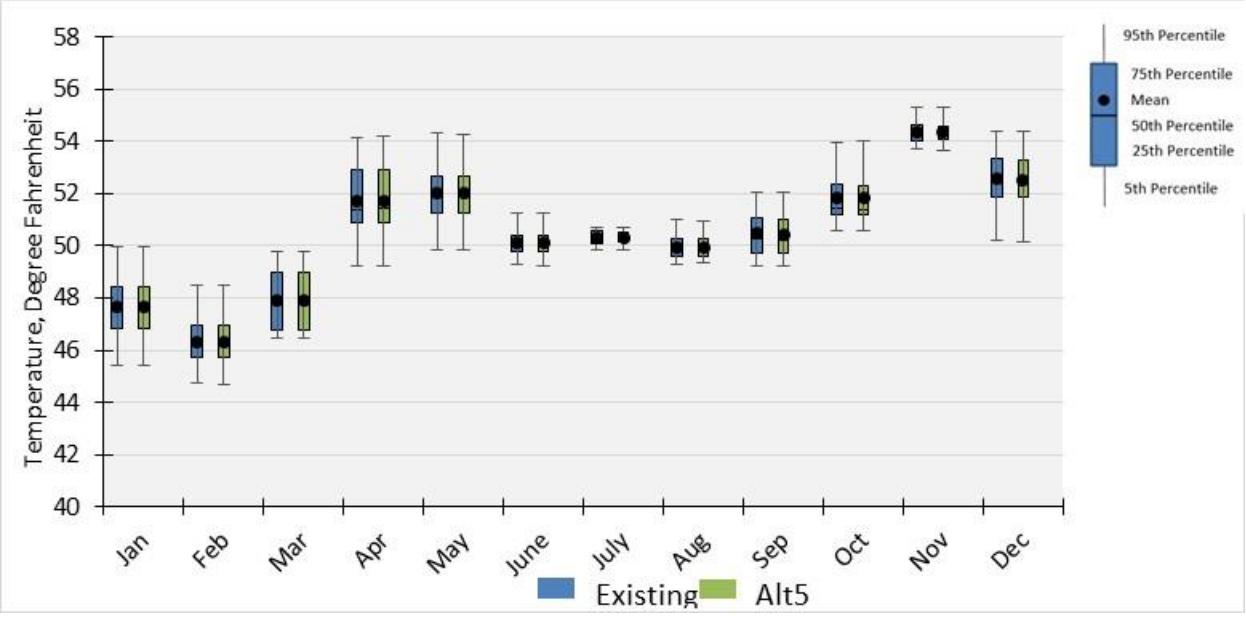
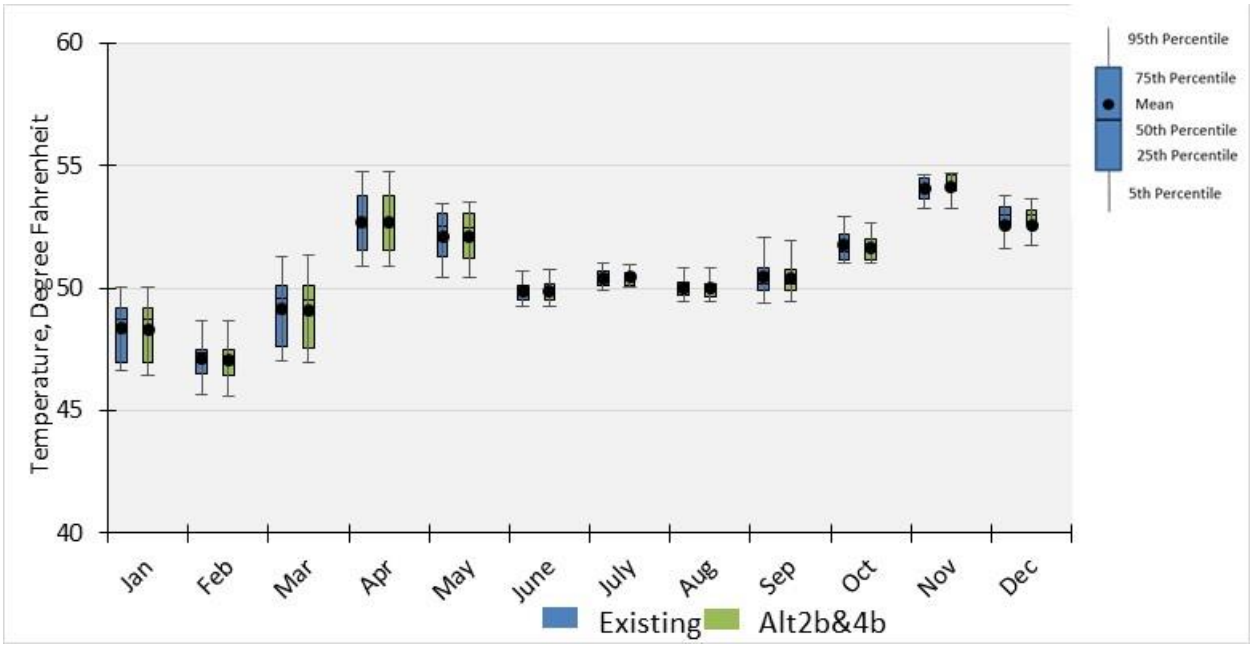


Figure 5A-D1.14.25. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



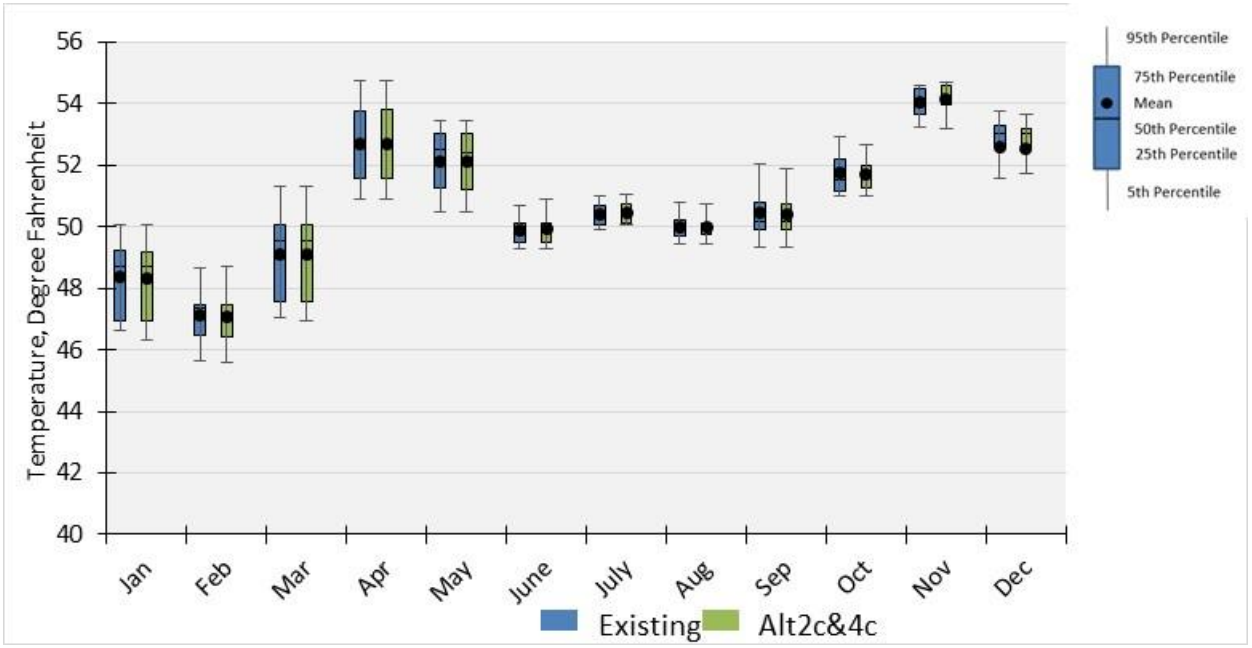
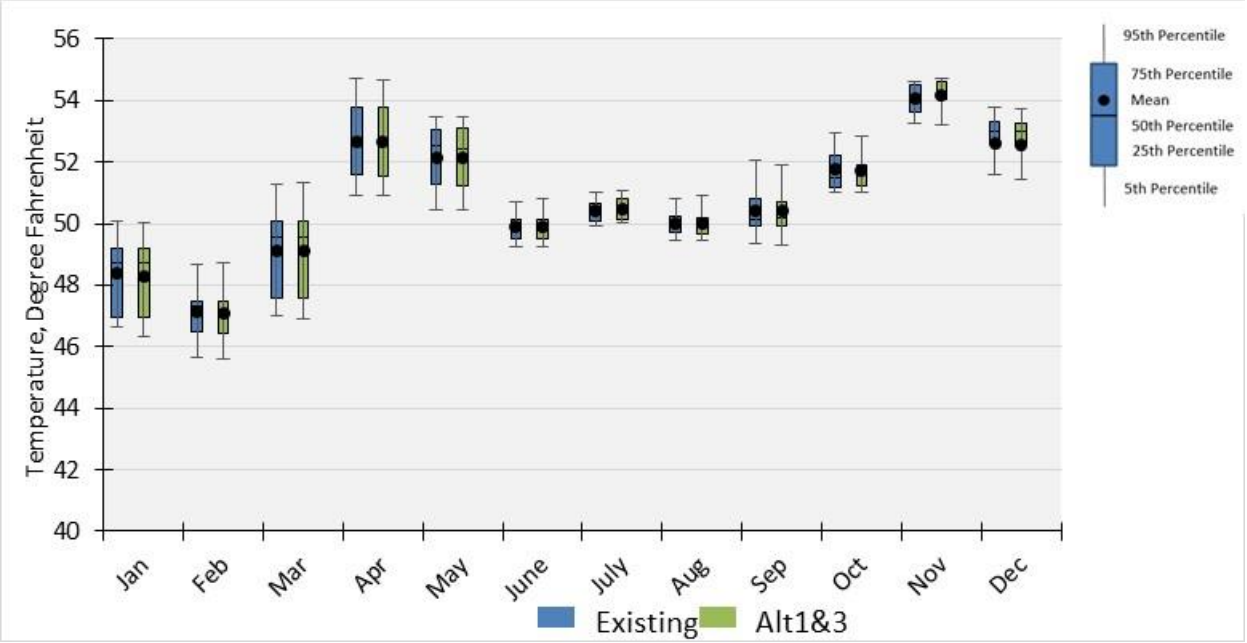


Figure 5A-D1.14.26. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



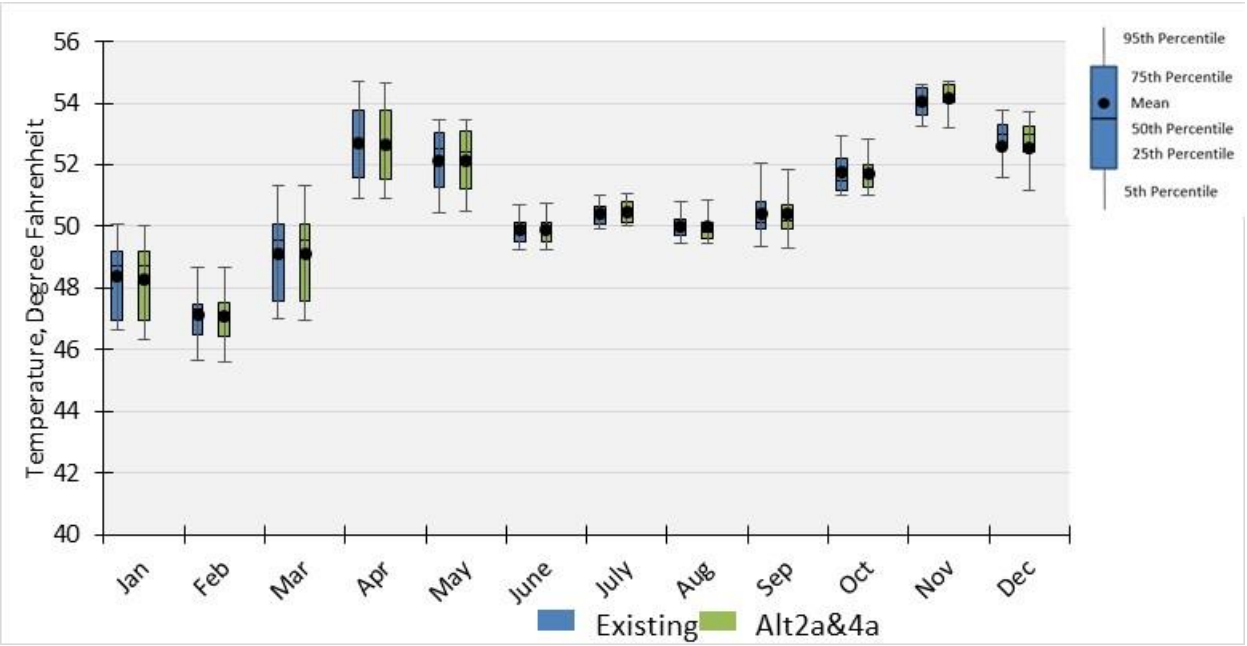


Figure 5A-D1.14.27. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

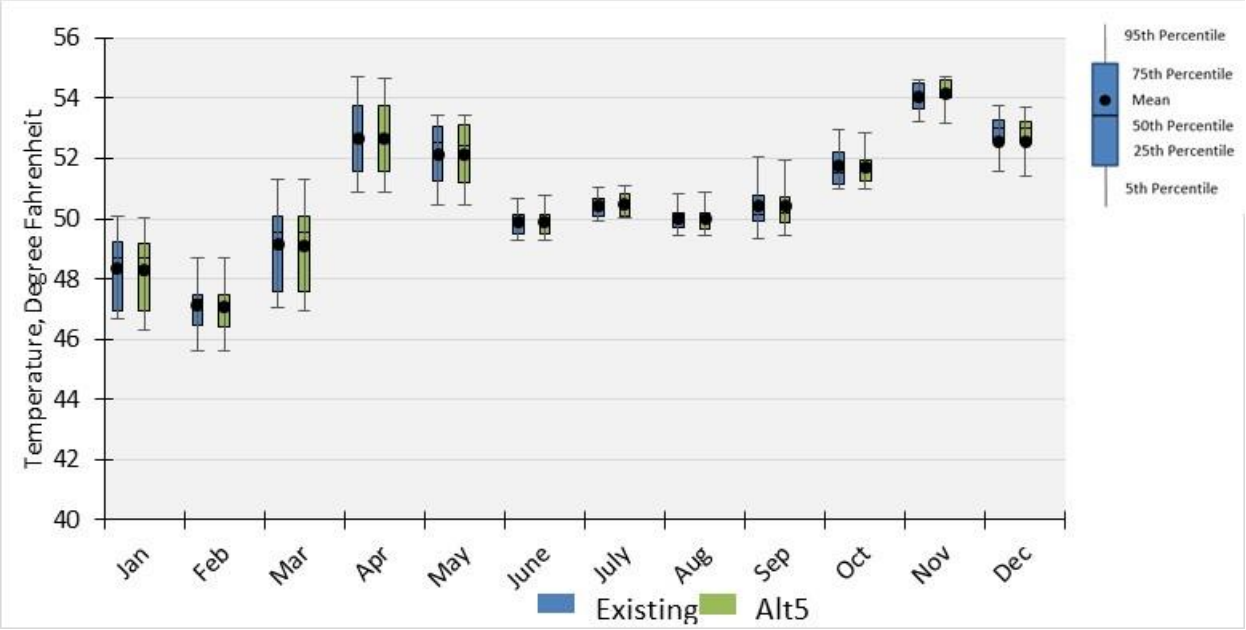
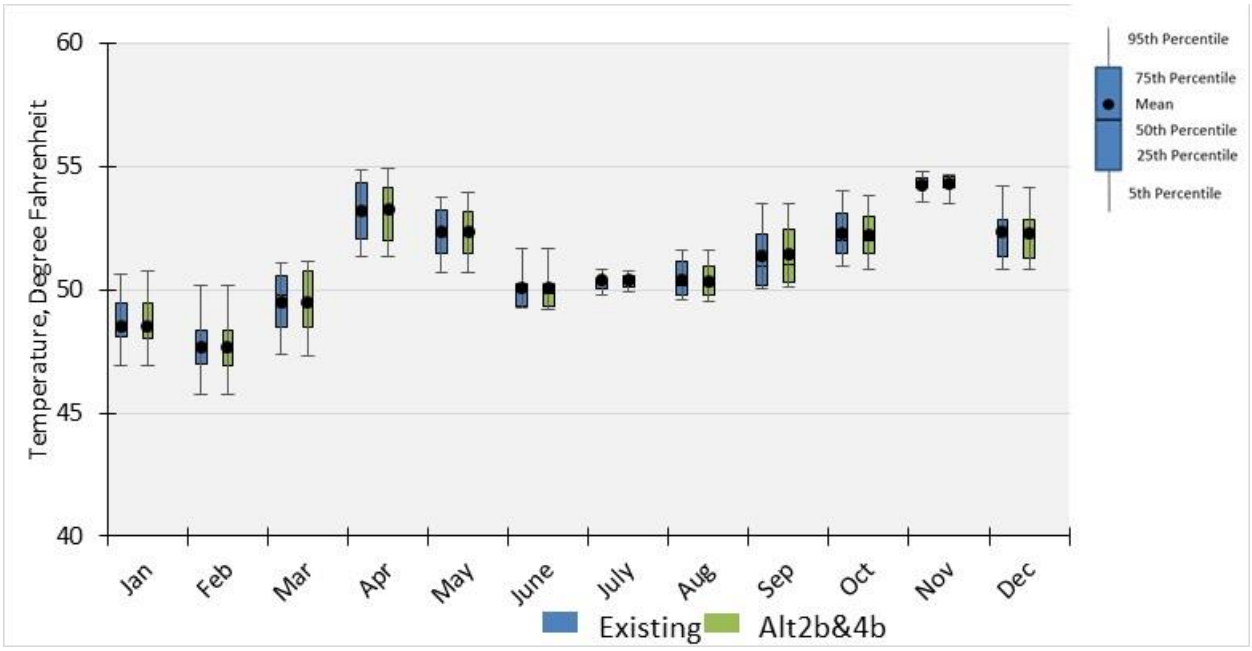


Figure 5A-D1.14.28. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



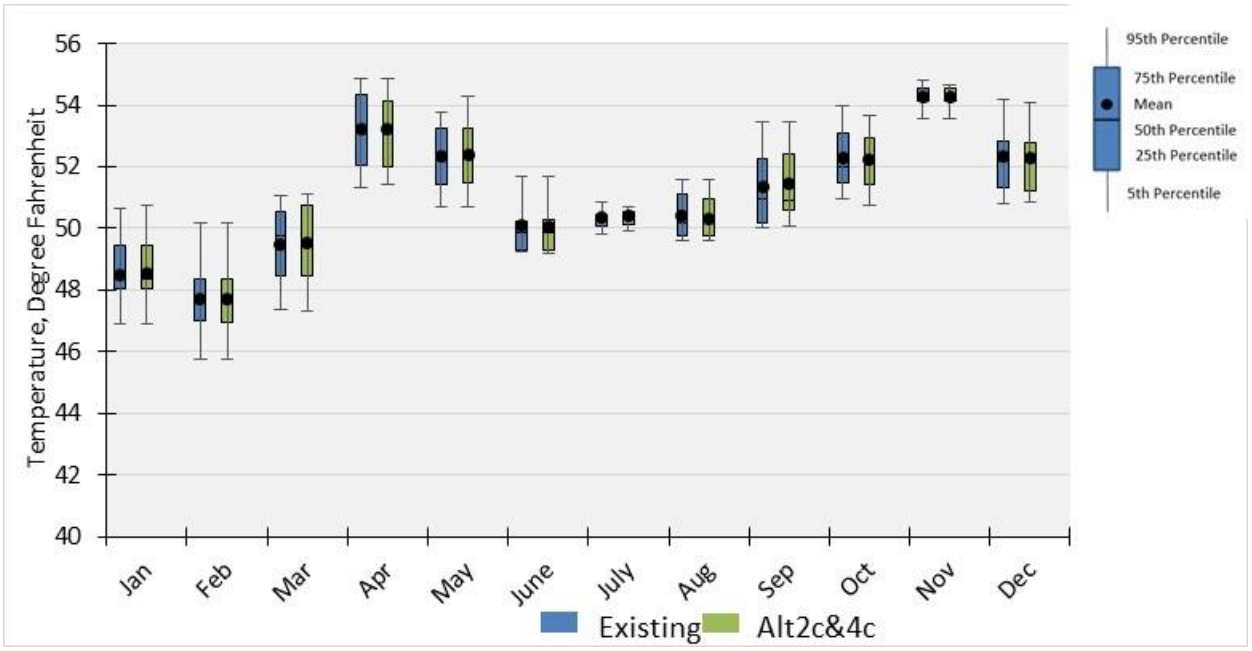
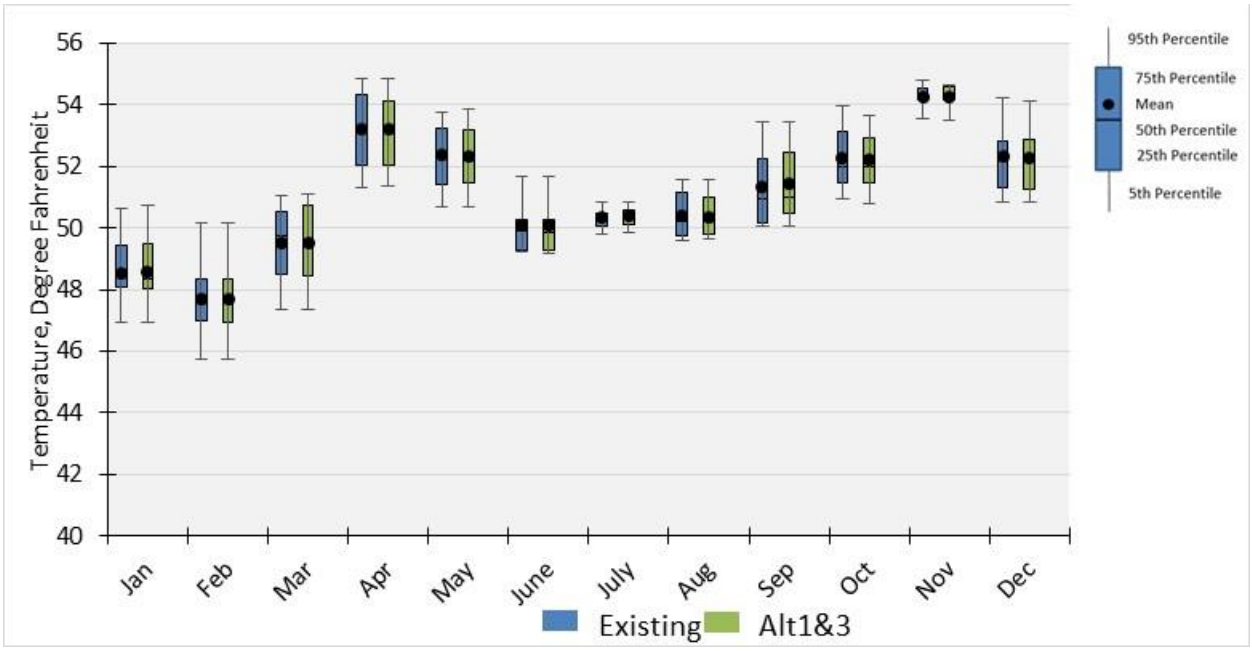


Figure 5A-D1.14.29. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



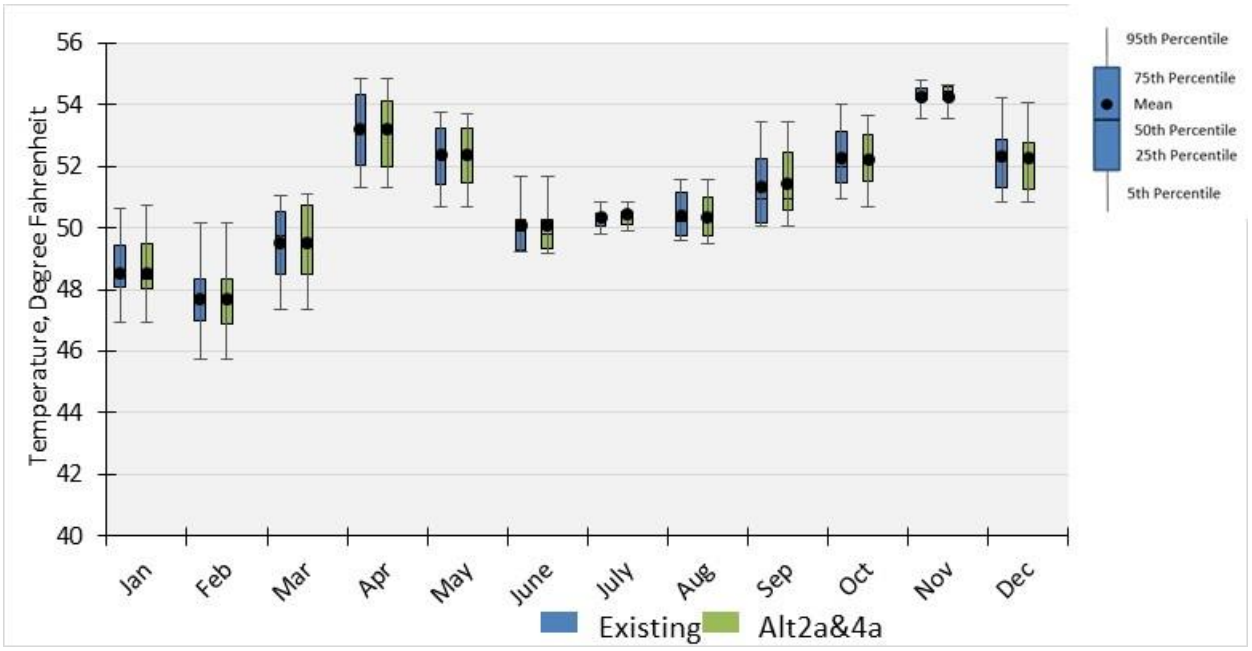


Figure 5A-D1.14.30. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

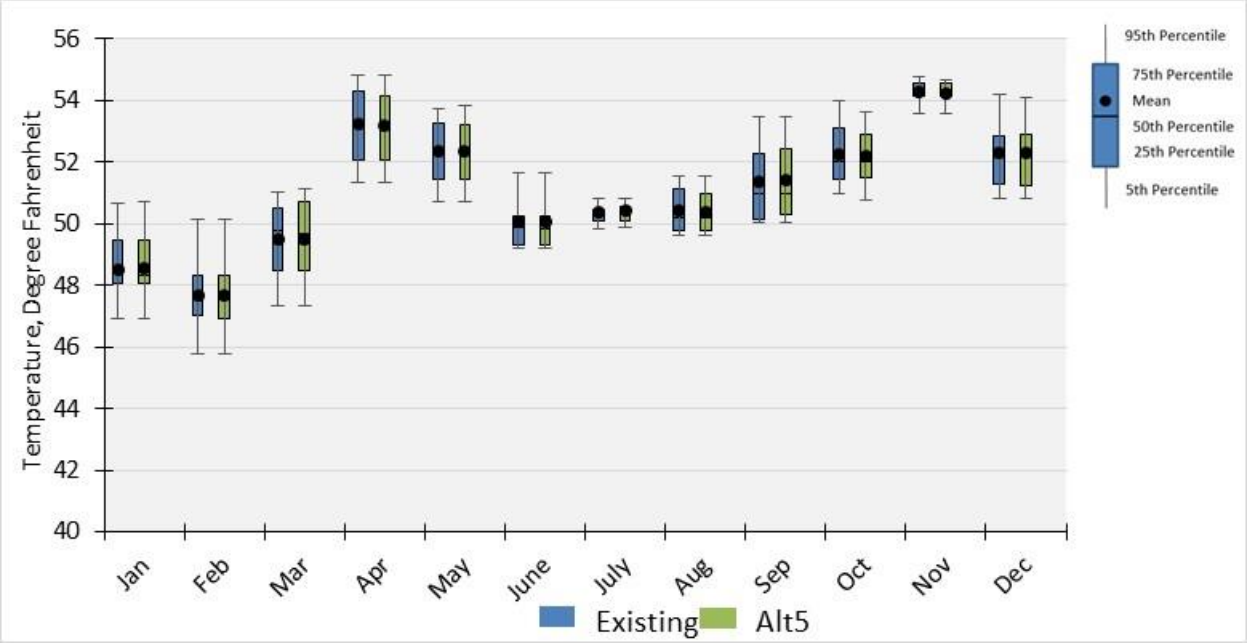
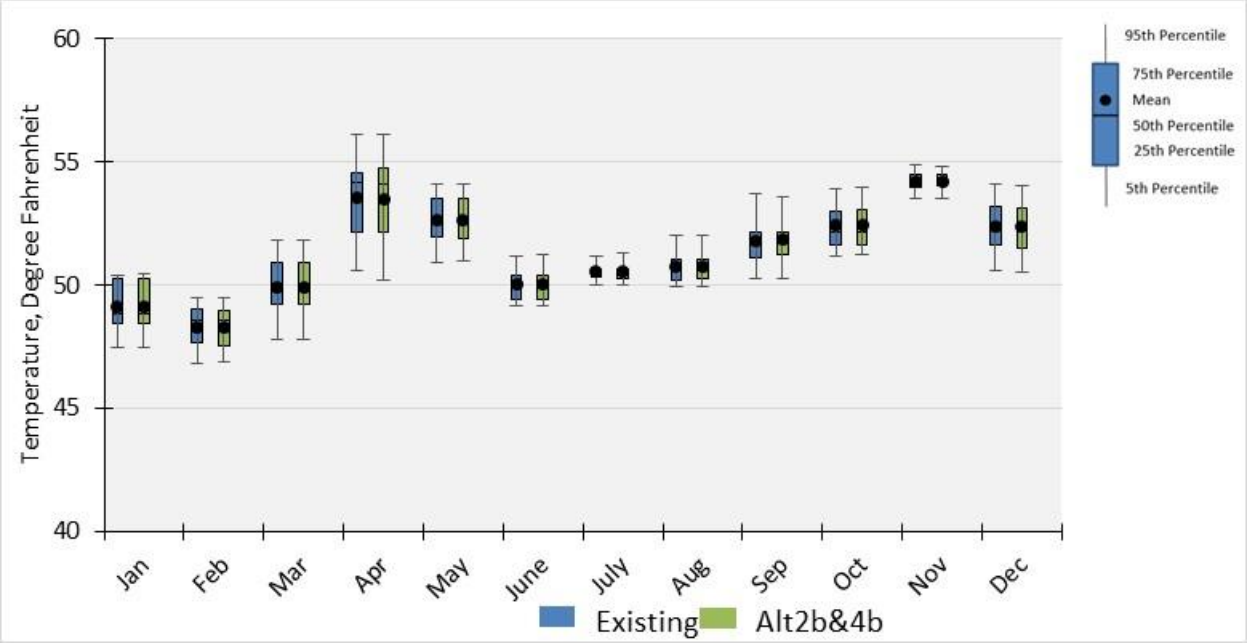


Figure 5A-D1.14.31. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



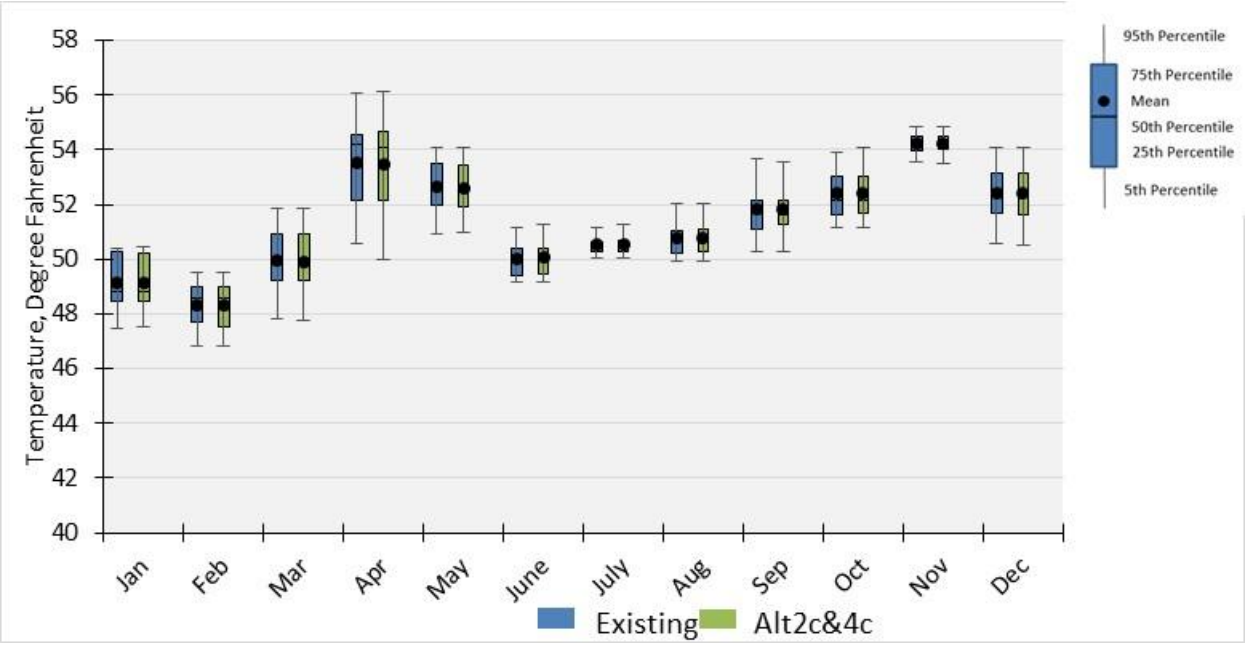
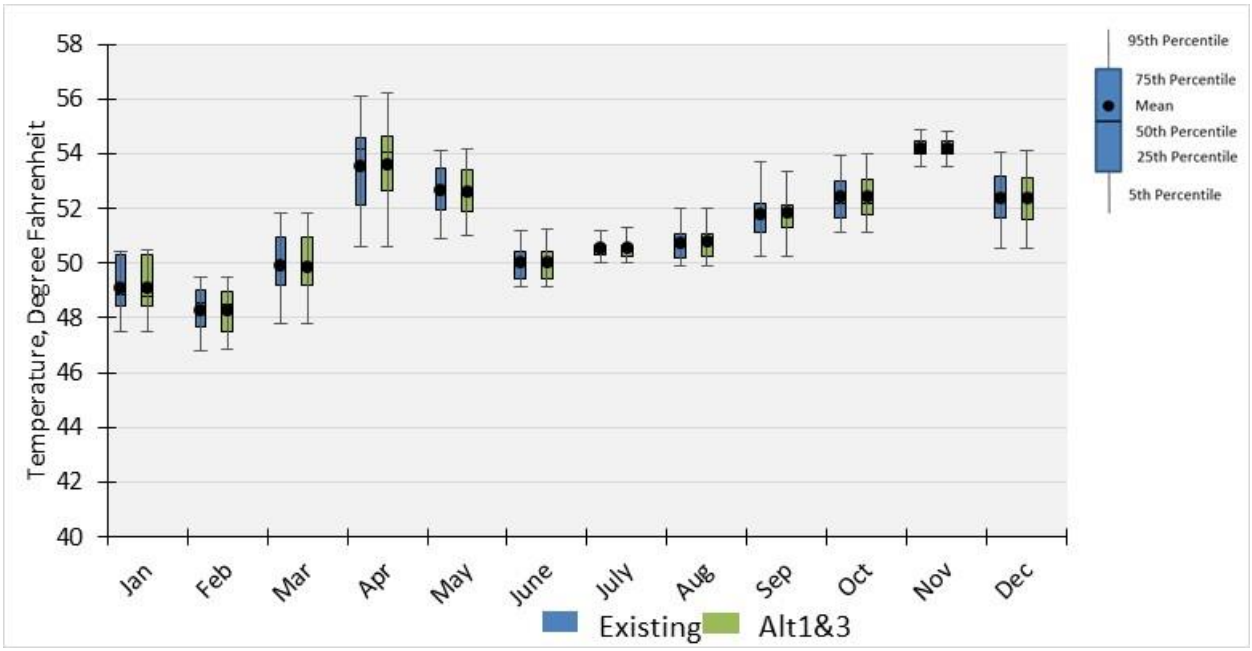


Figure 5A-D1.14.32. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



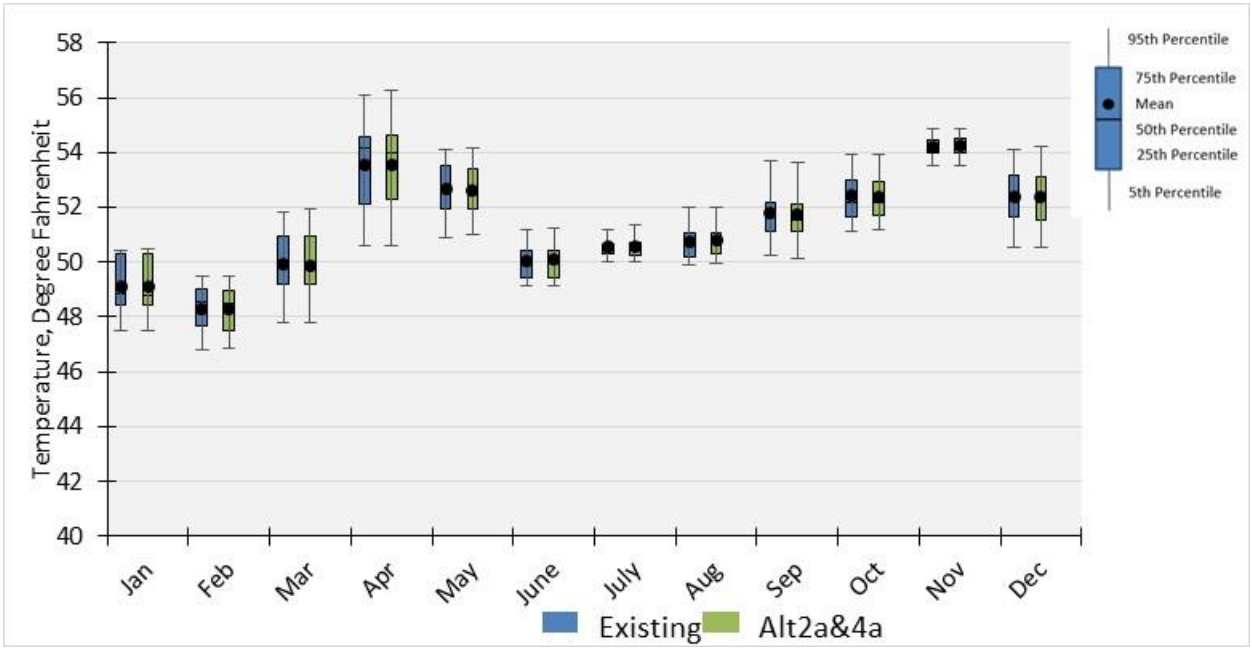


Figure 5A-D1.14.33. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

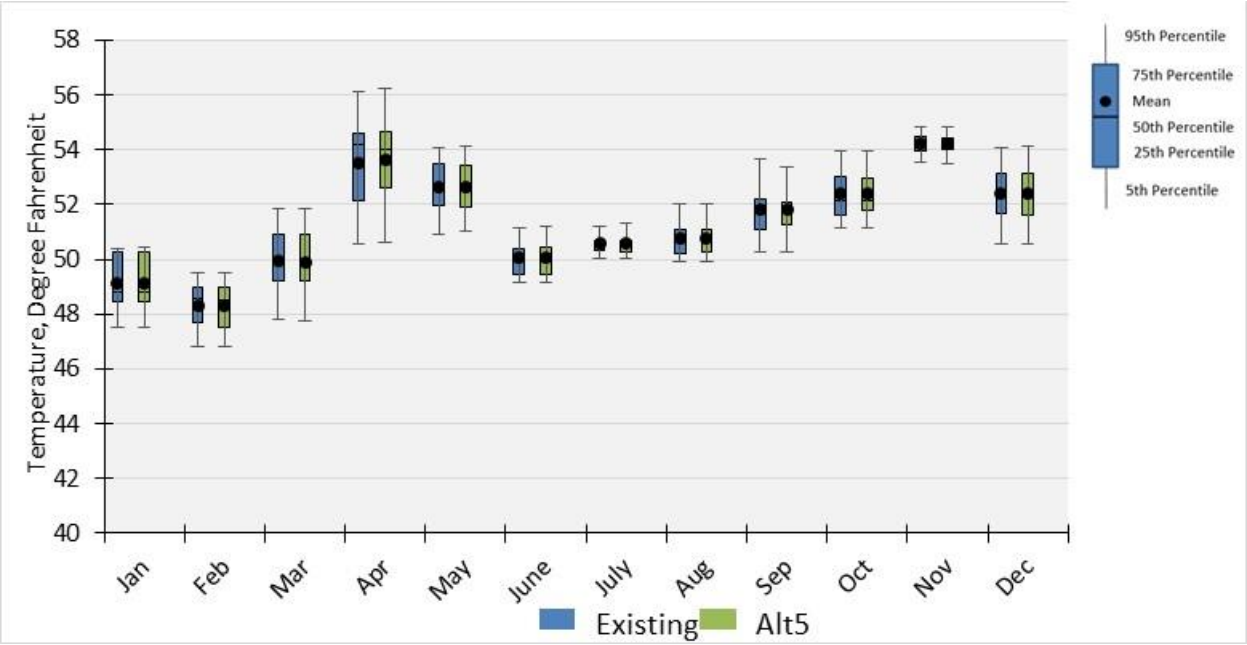
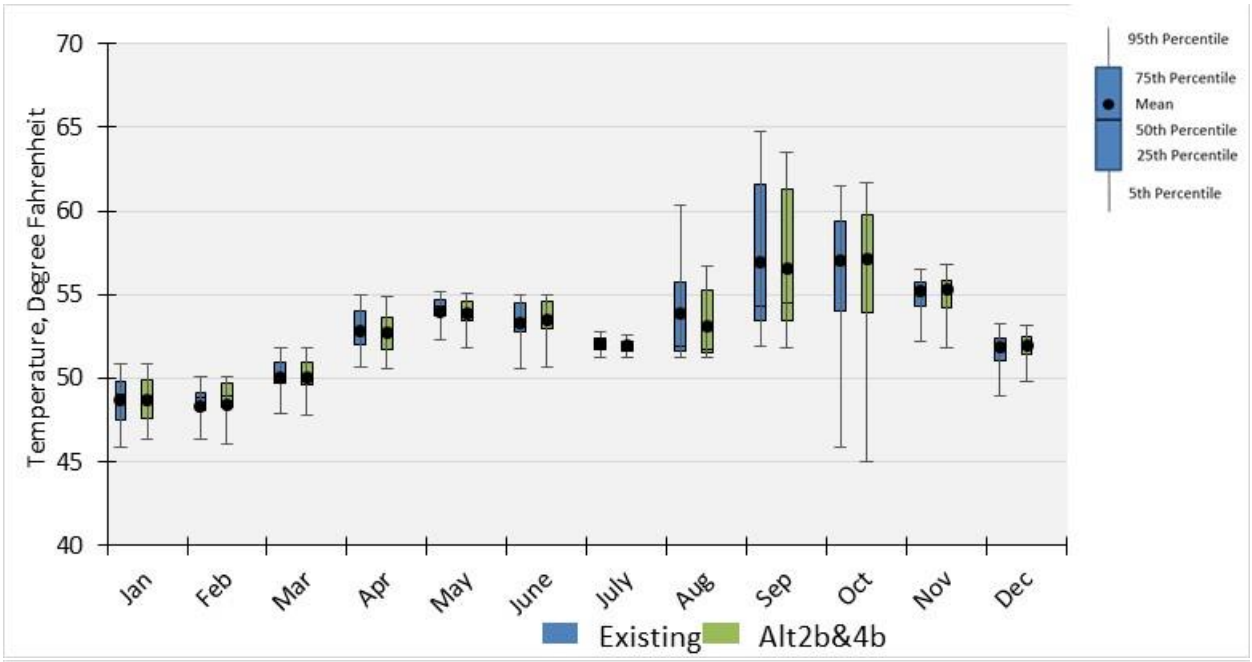


Figure 5A-D1.14.34. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



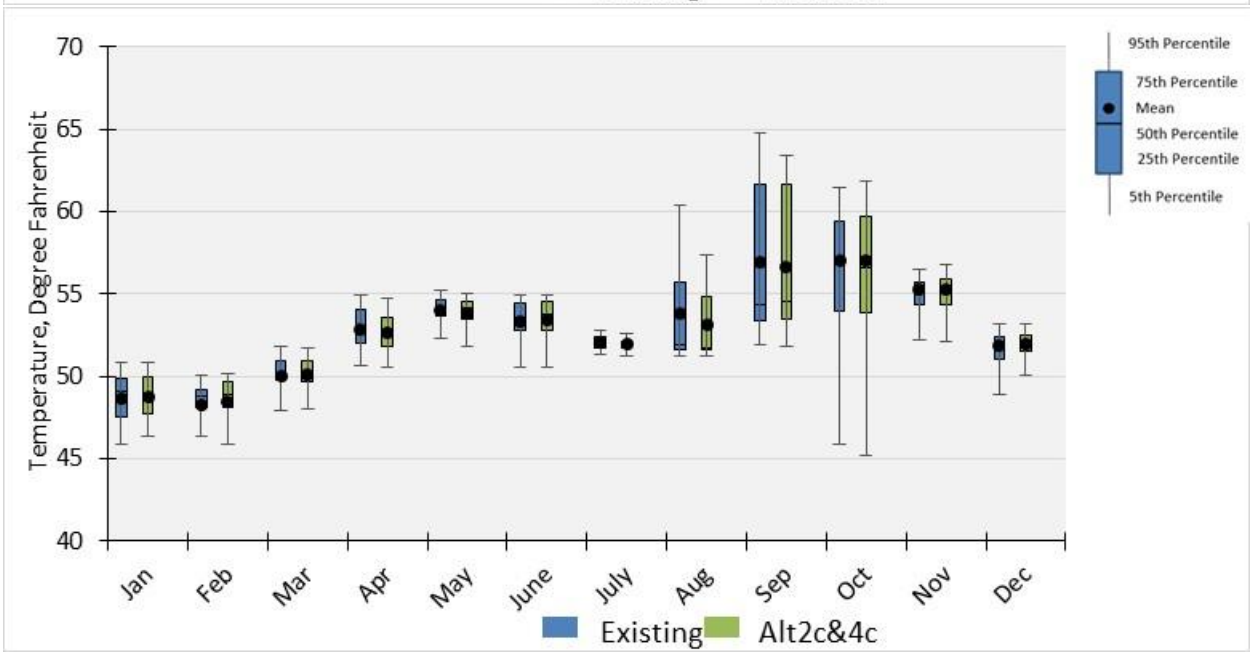
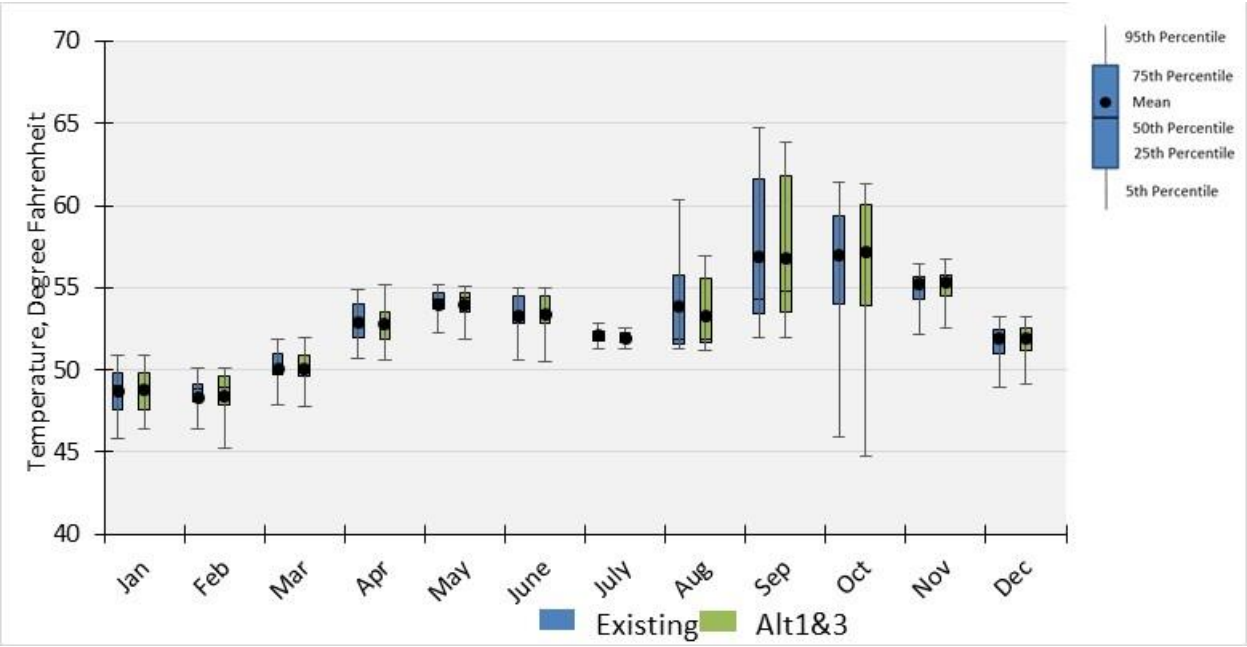


Figure 5A-D1.14.35. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



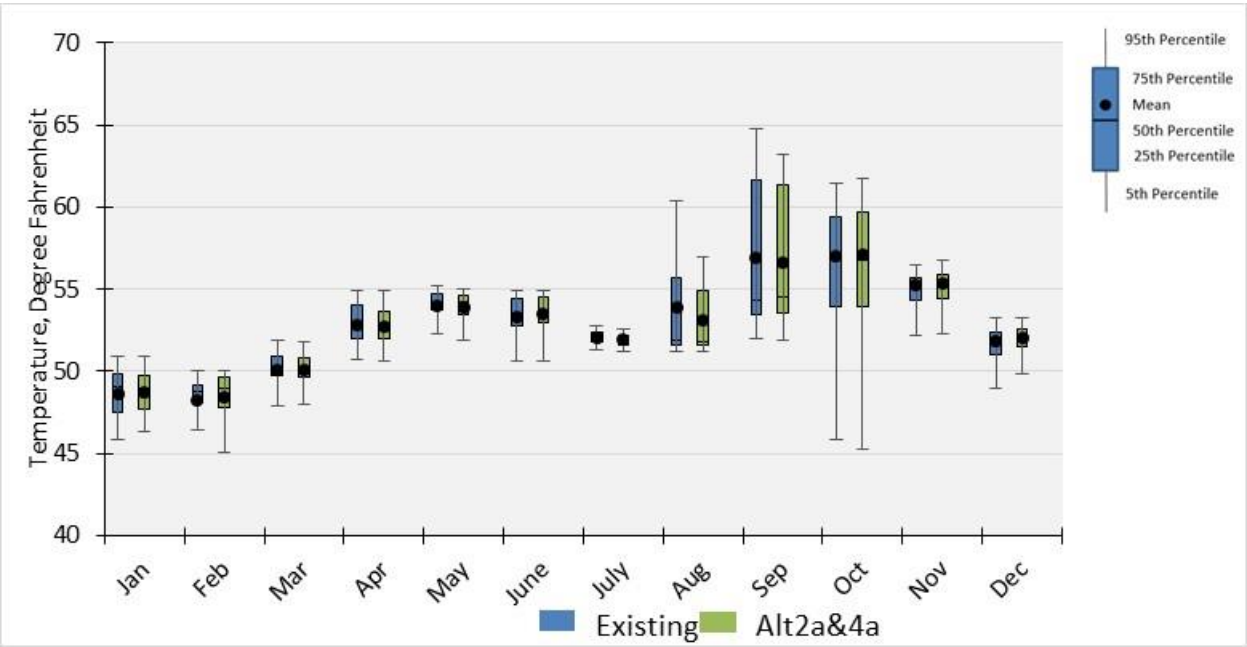


Figure 5A-D1.14.36. Sacramento River Below Keswick, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

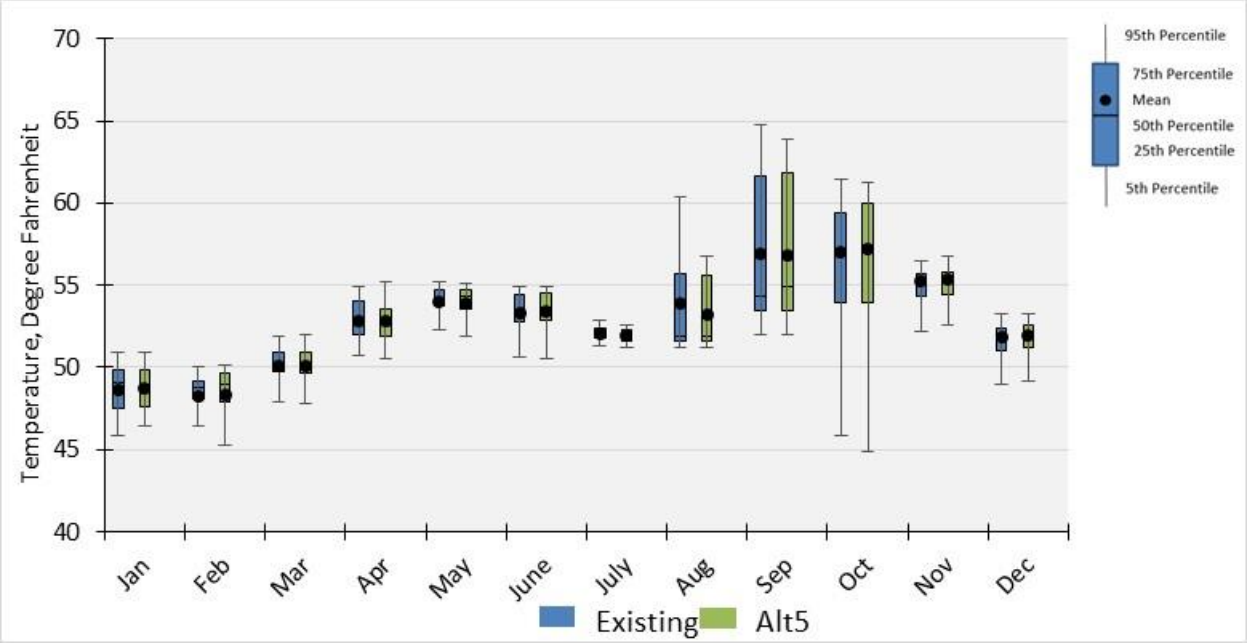
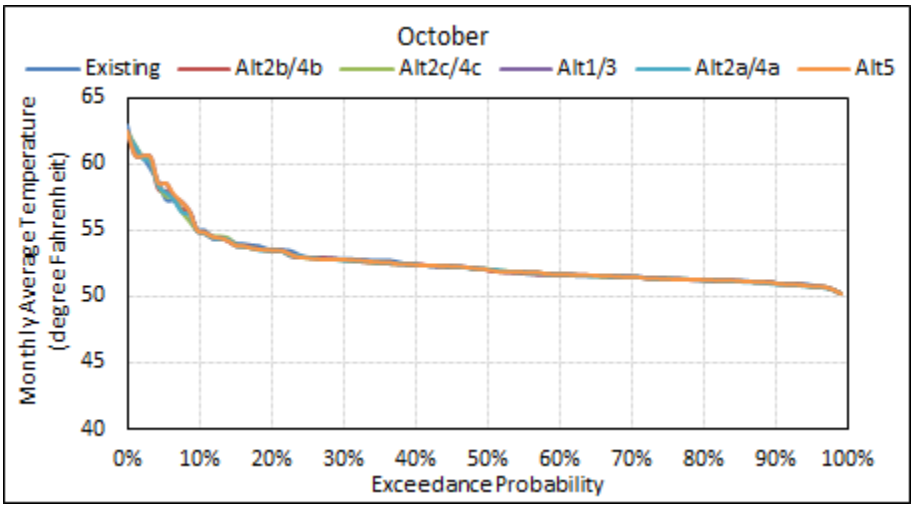
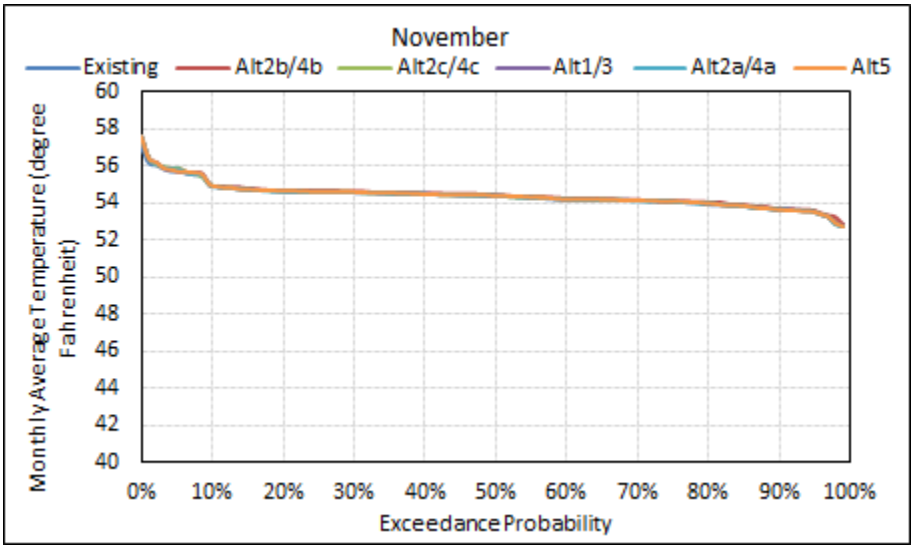


Figure 5A-D1.14.37-A. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





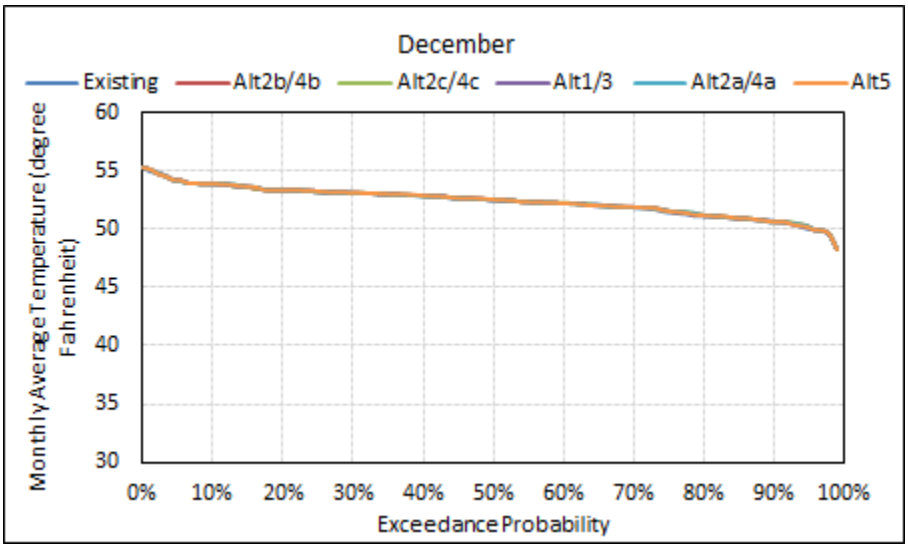
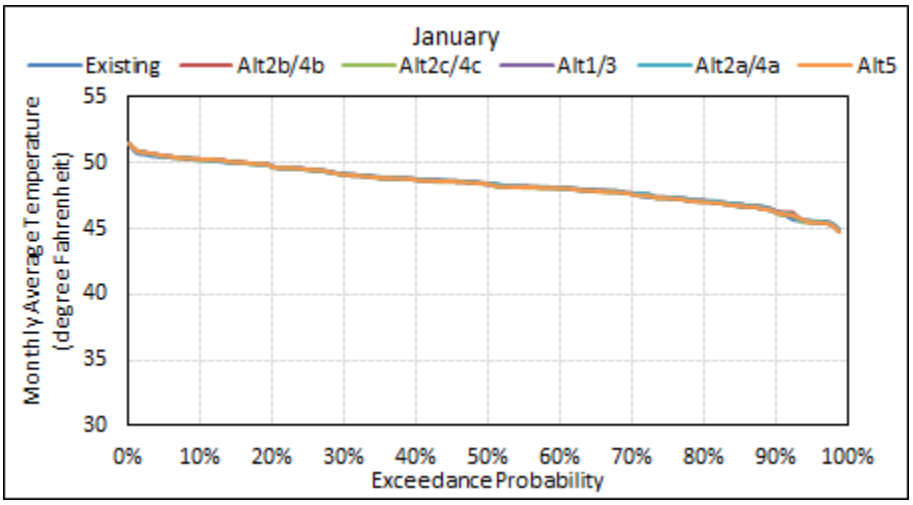
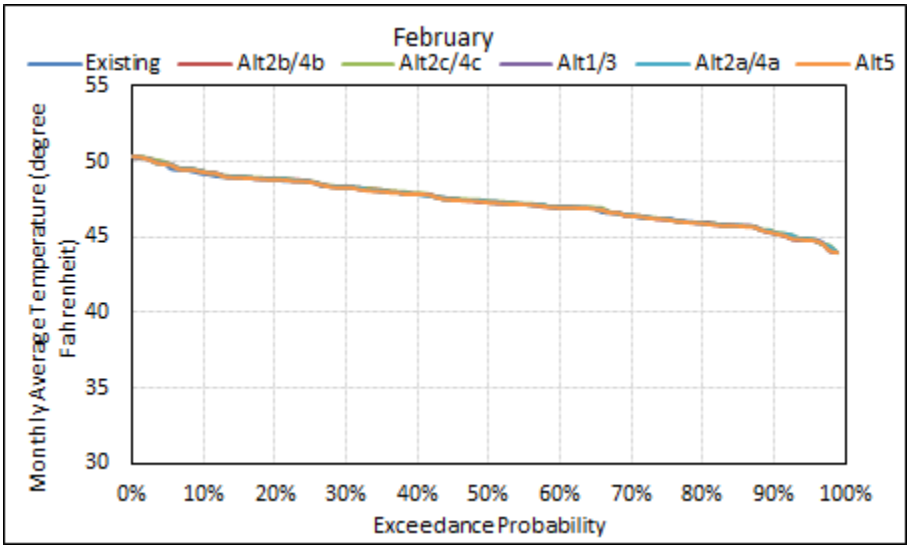


Figure 5A-D1.14.37-B. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





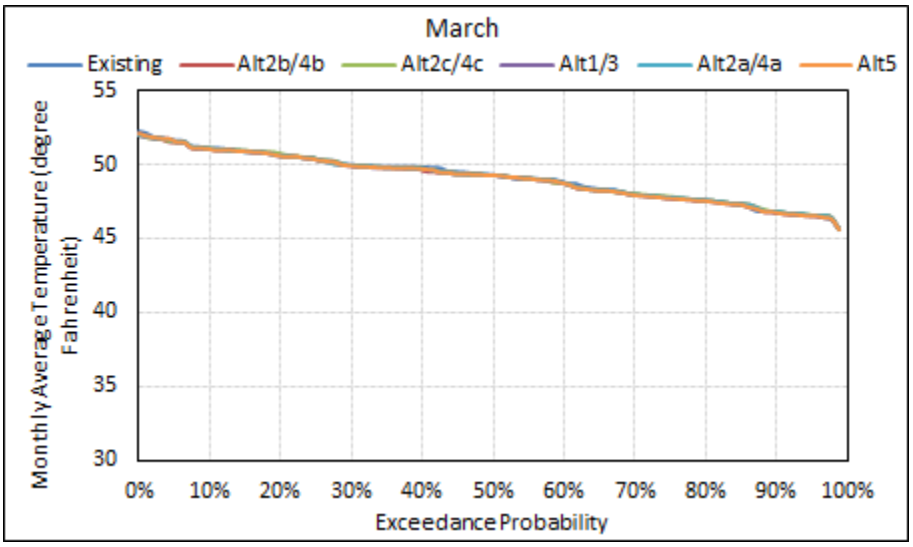
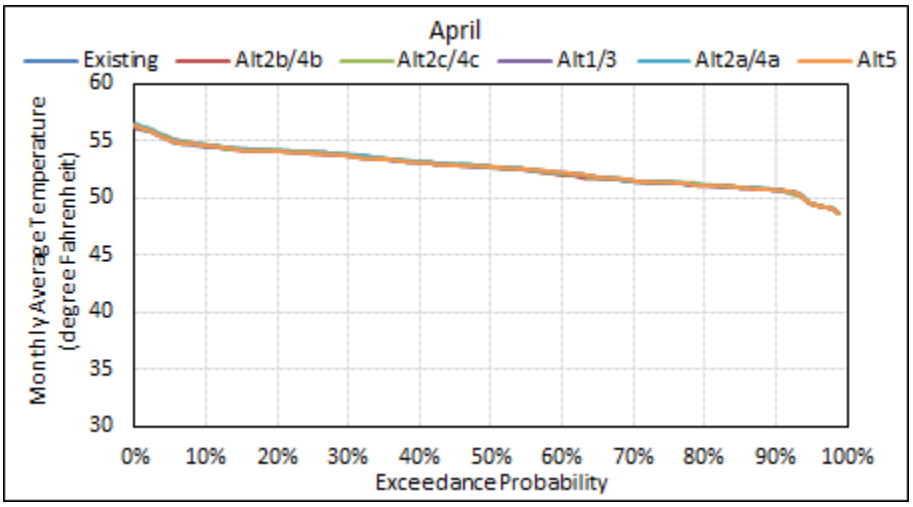
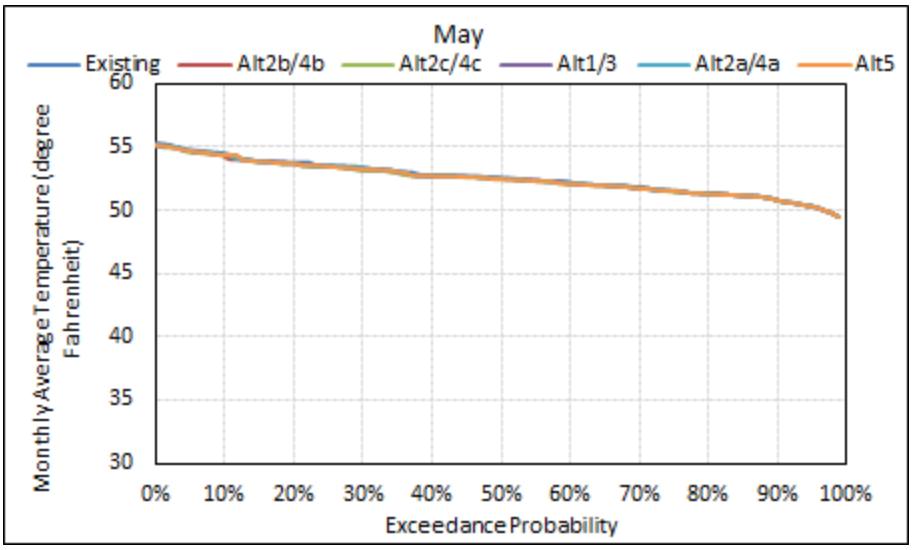


Figure 5A-D1.14.37-C. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





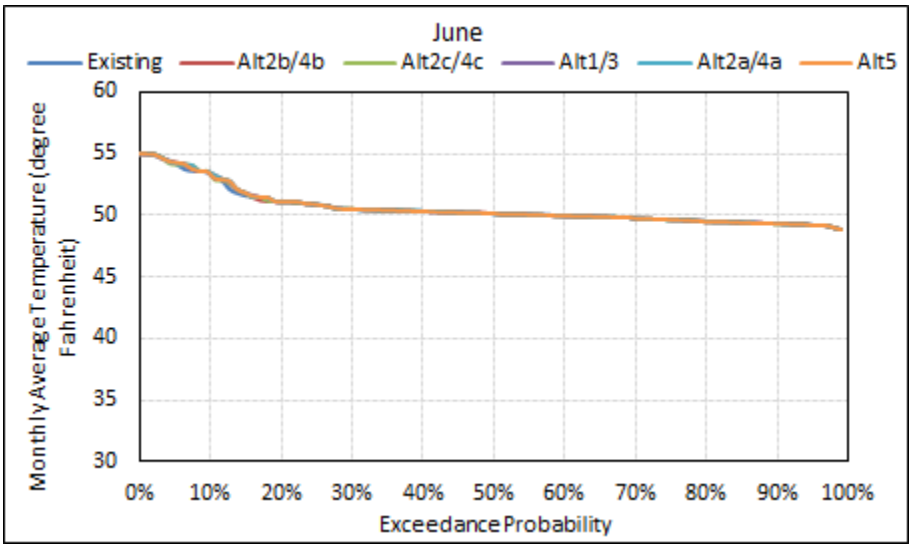
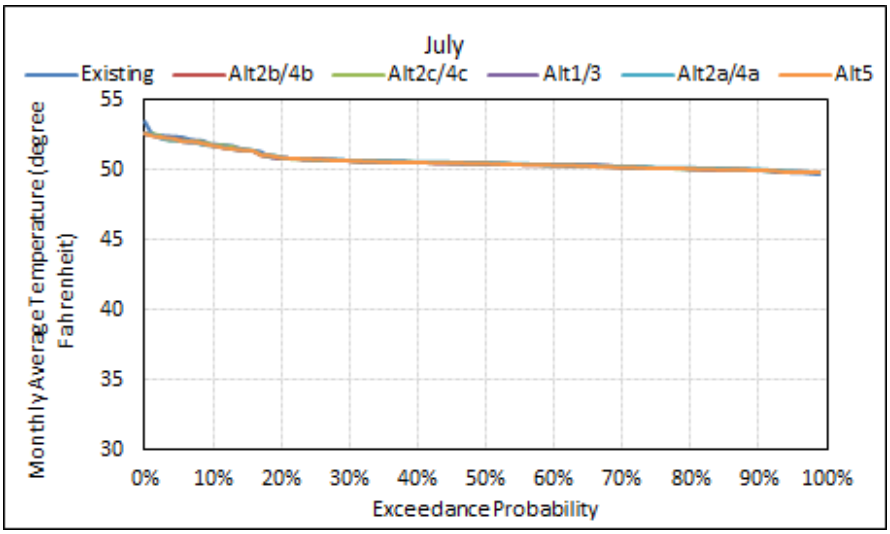
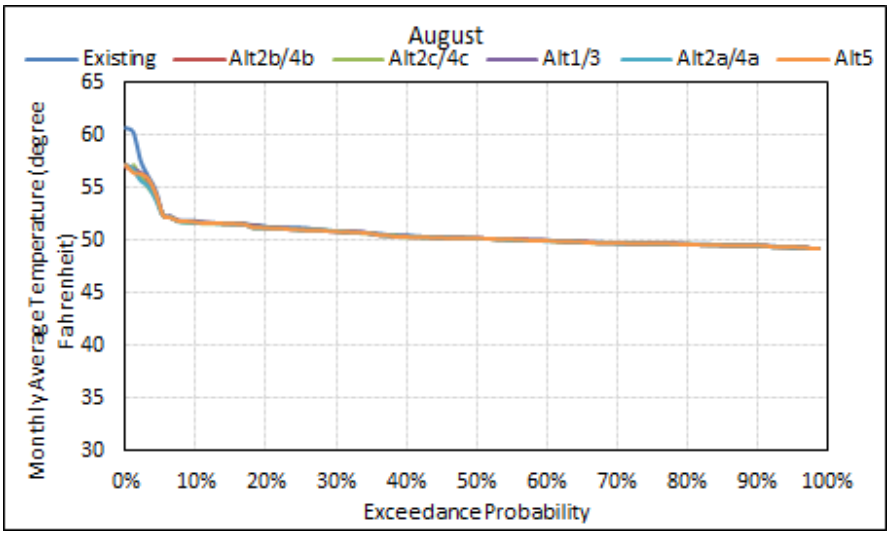


Figure 5A-D1.14.37-D. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





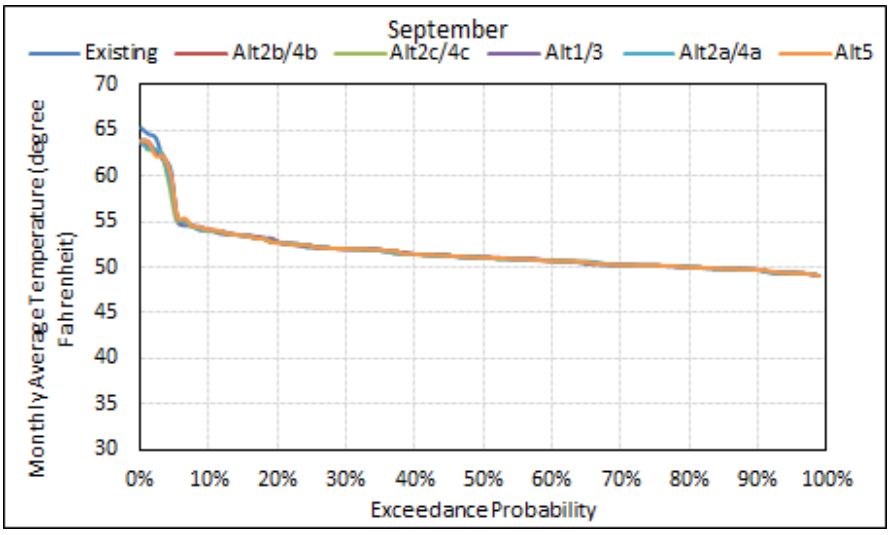


Figure 5A-D1.14.38. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

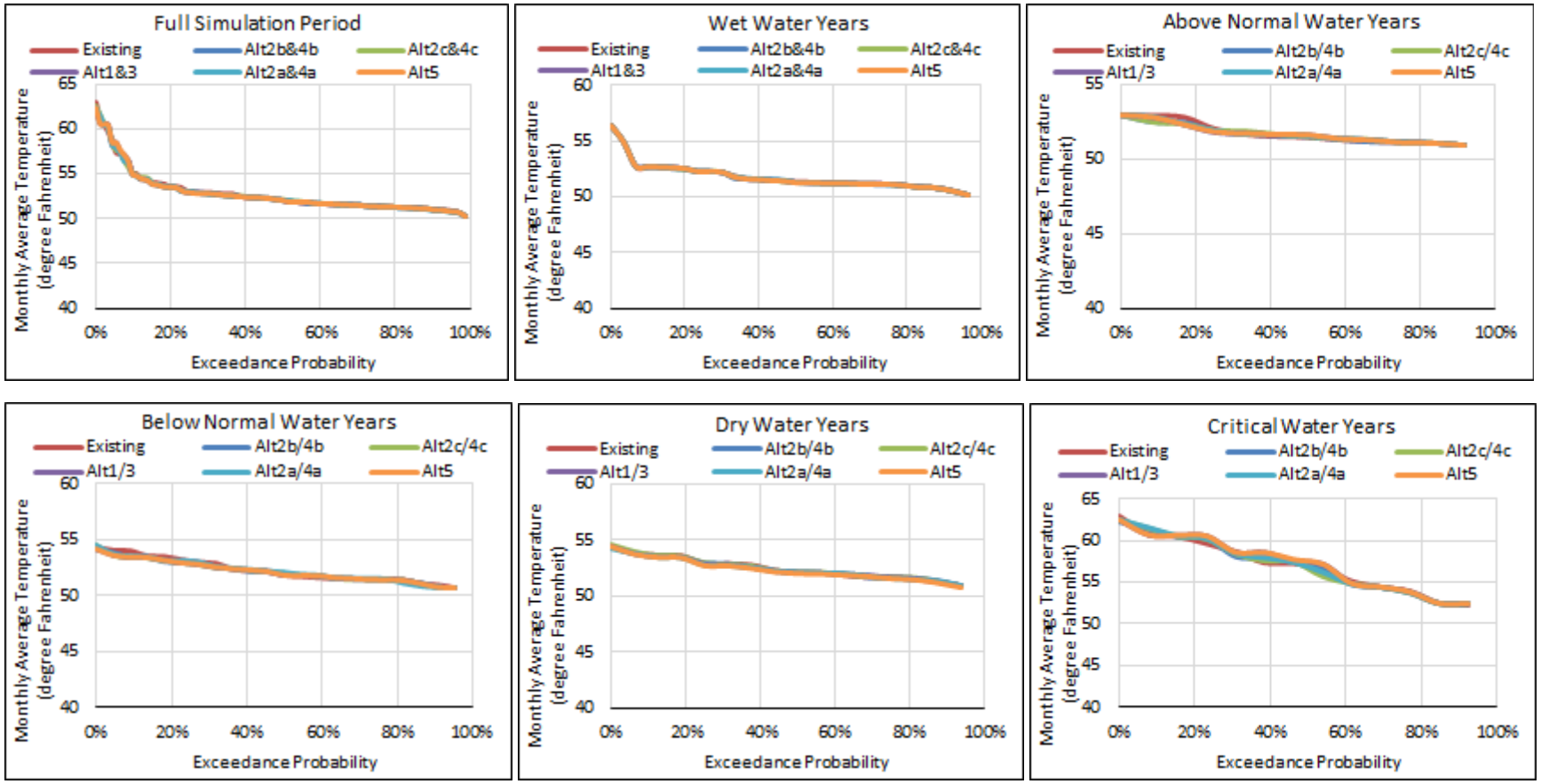


Figure 5A-D1.14.39. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

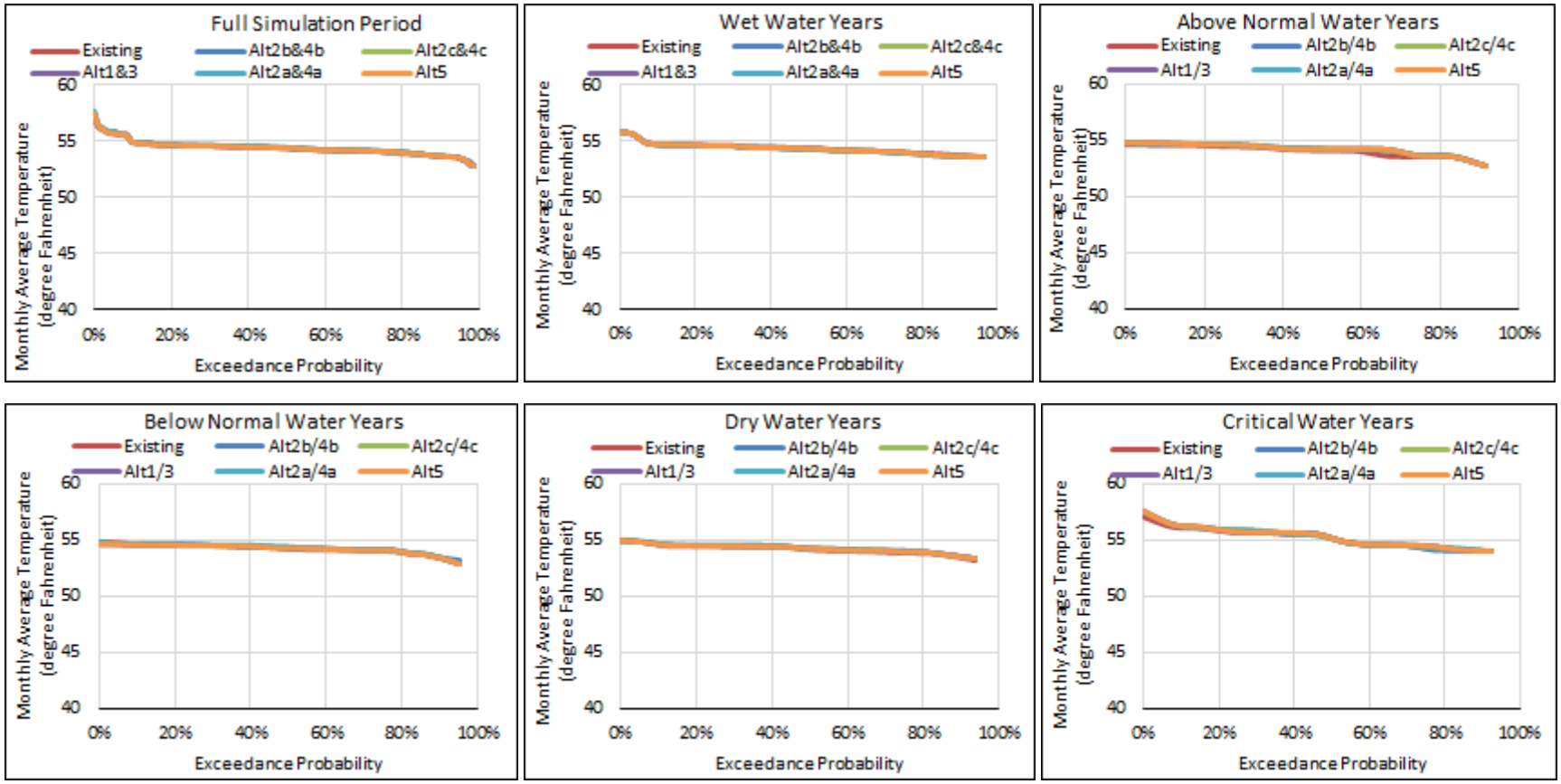


Figure 5A-D1.14.40. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

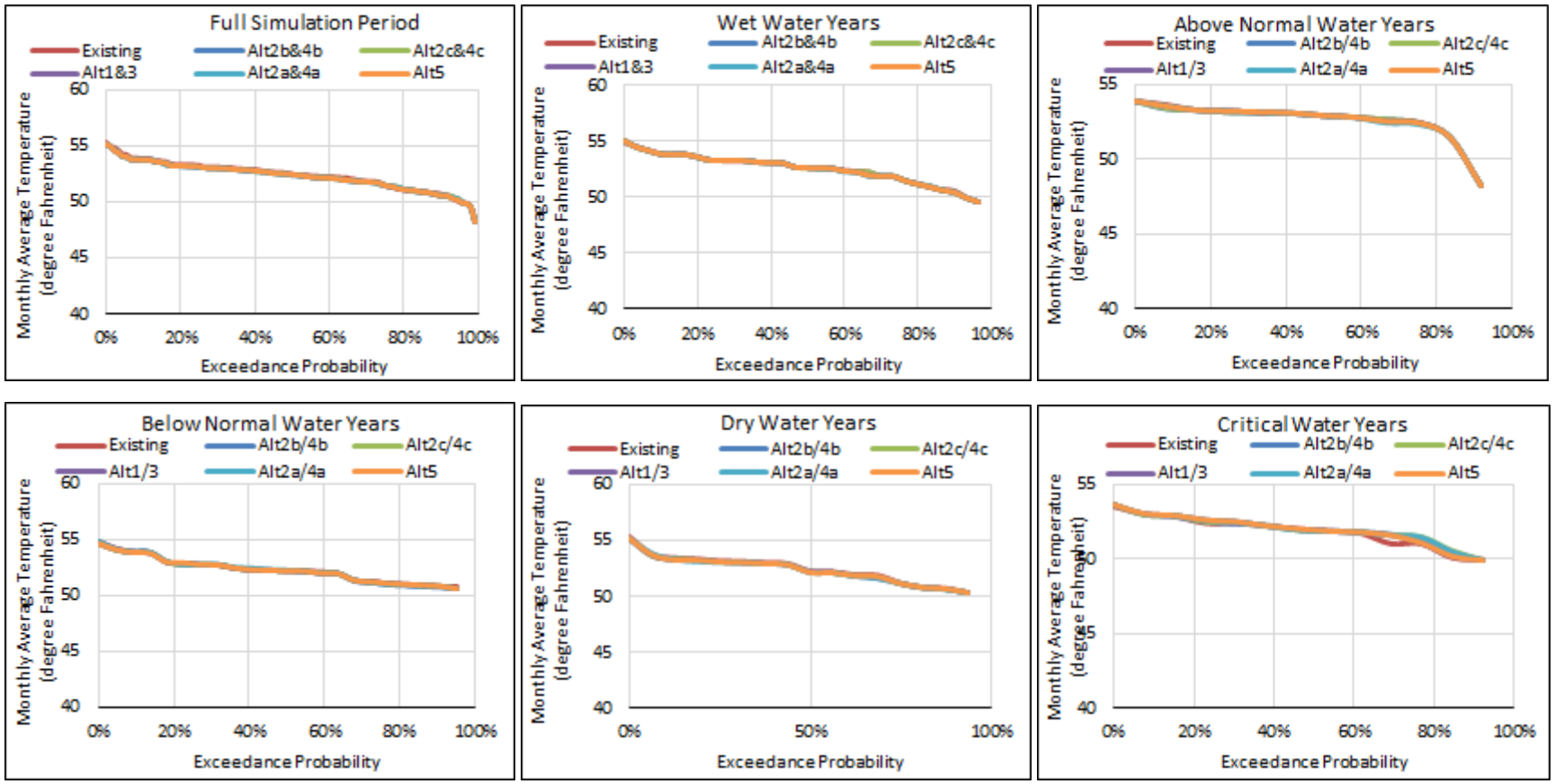


Figure 5A-D1.14.41. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

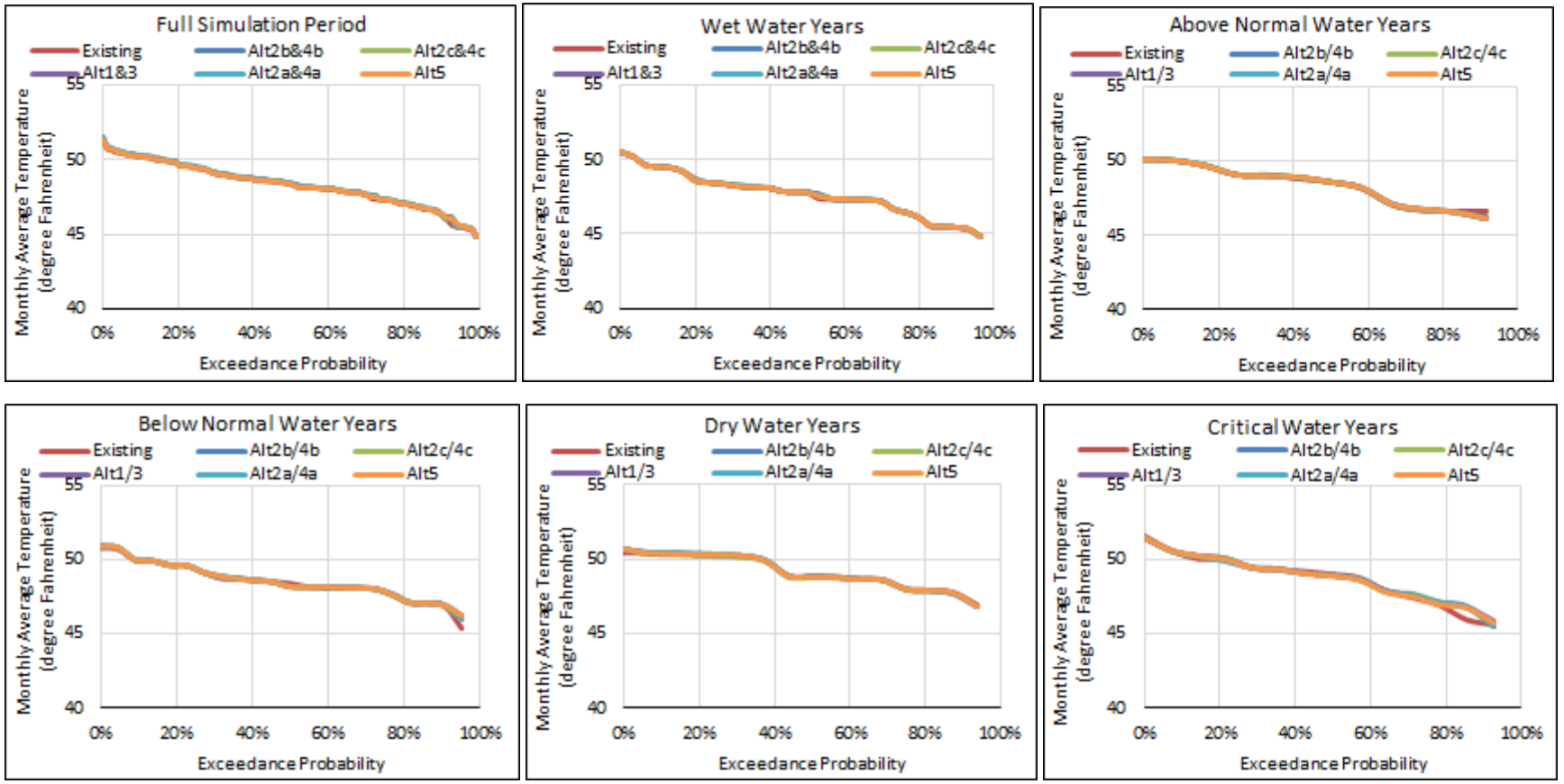


Figure 5A-D1.14.42. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

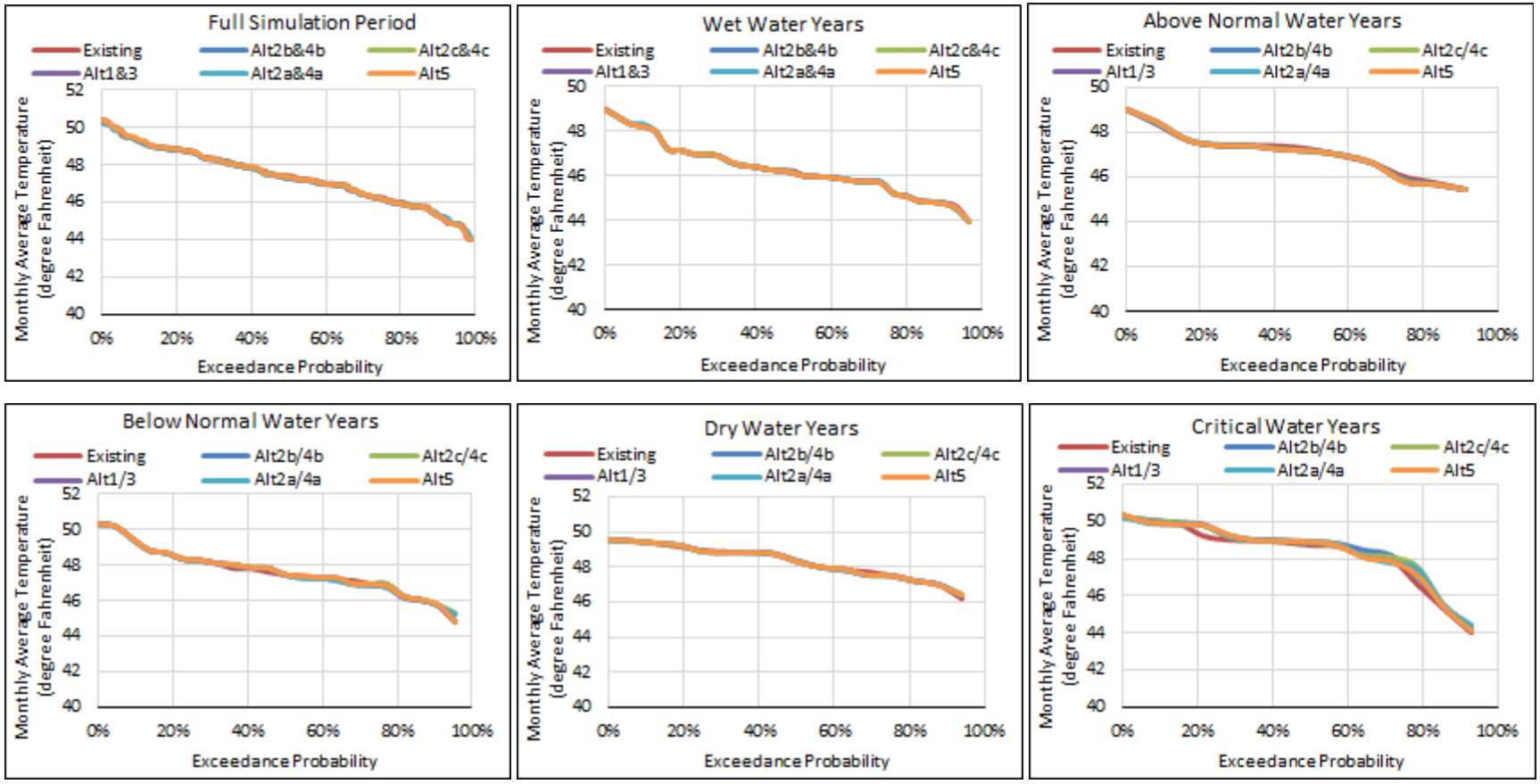


Figure 5A-D1.14.43. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

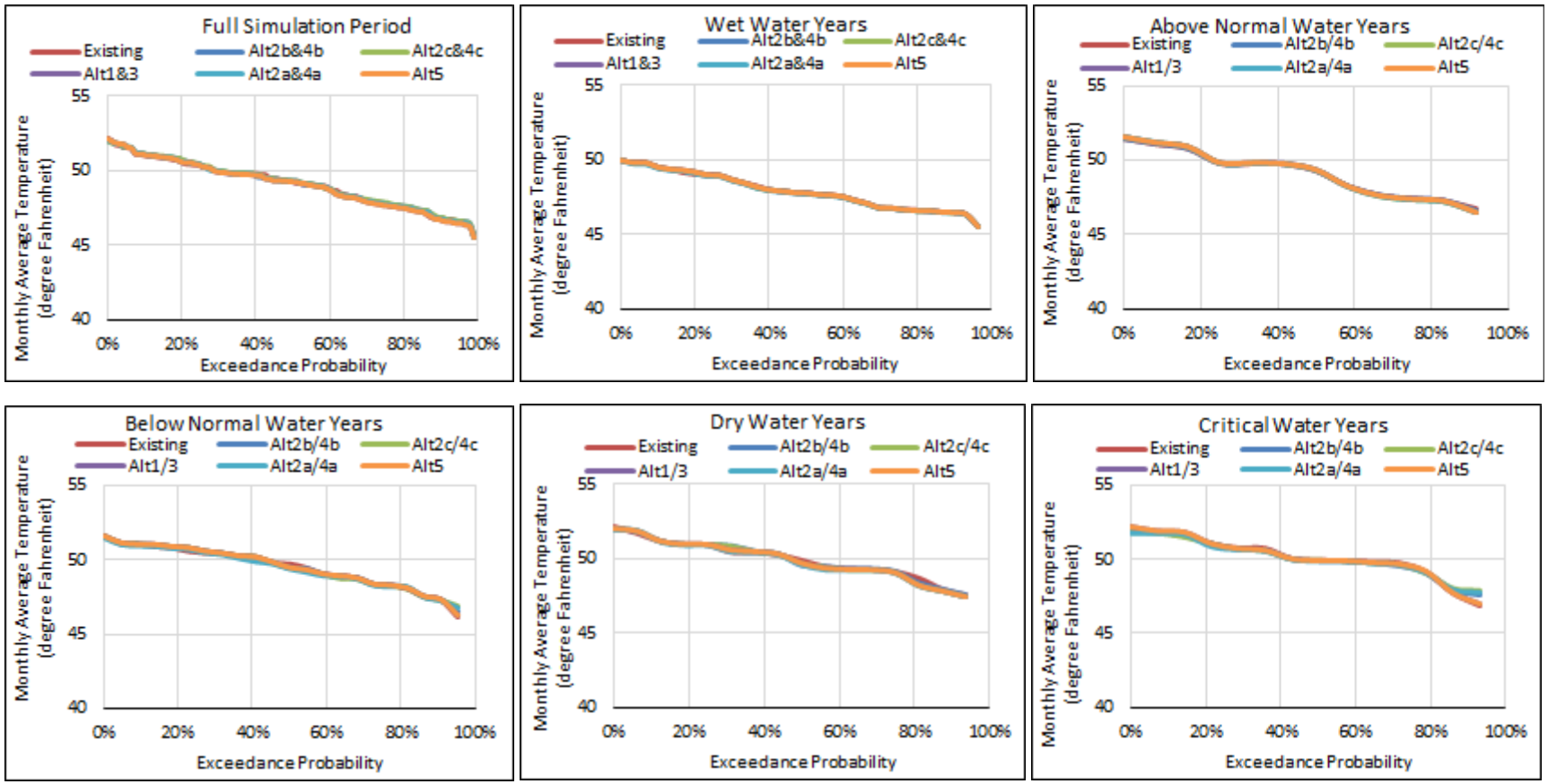


Figure 5A-D1.14.44. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

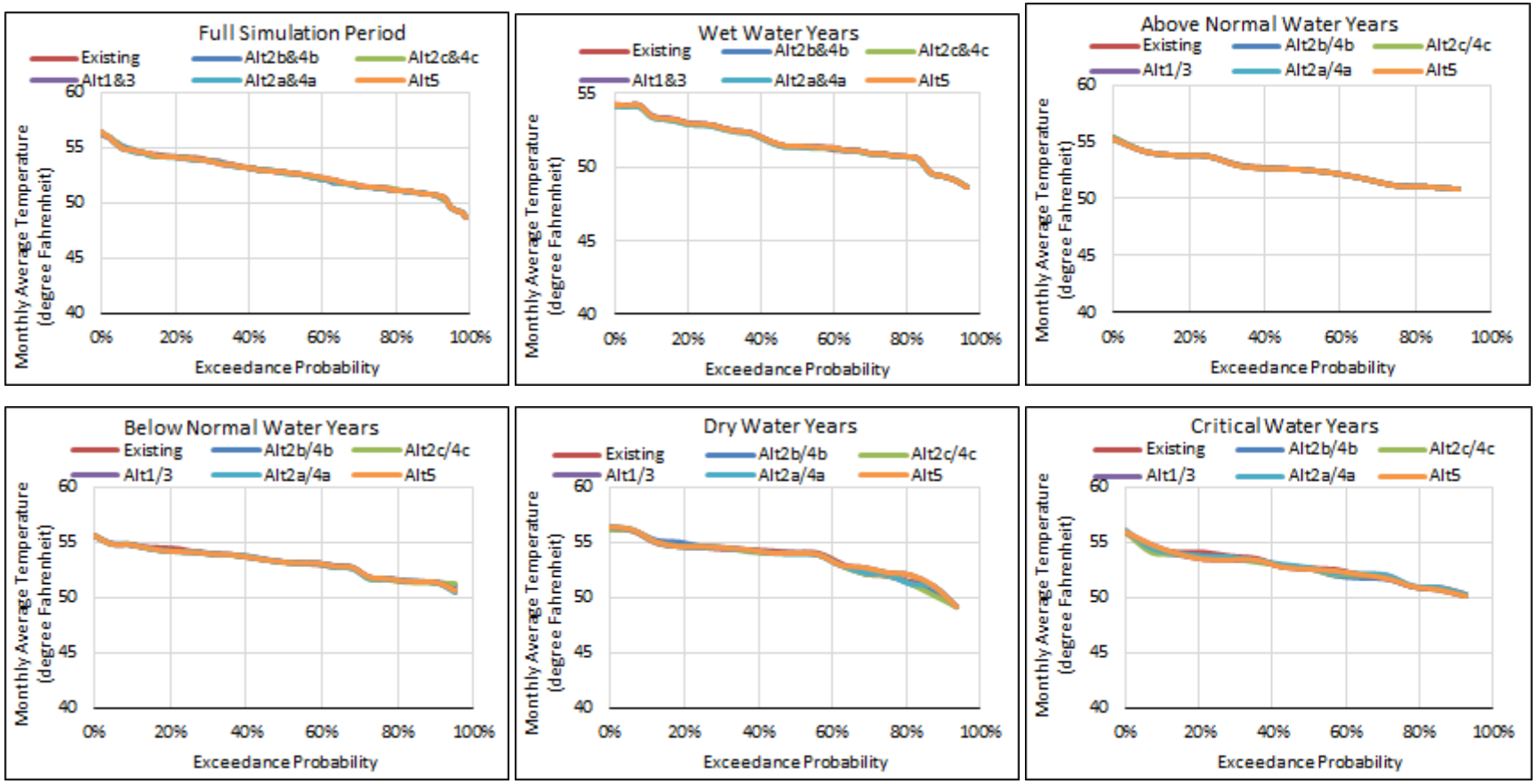


Figure 5A-D1.14.45. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

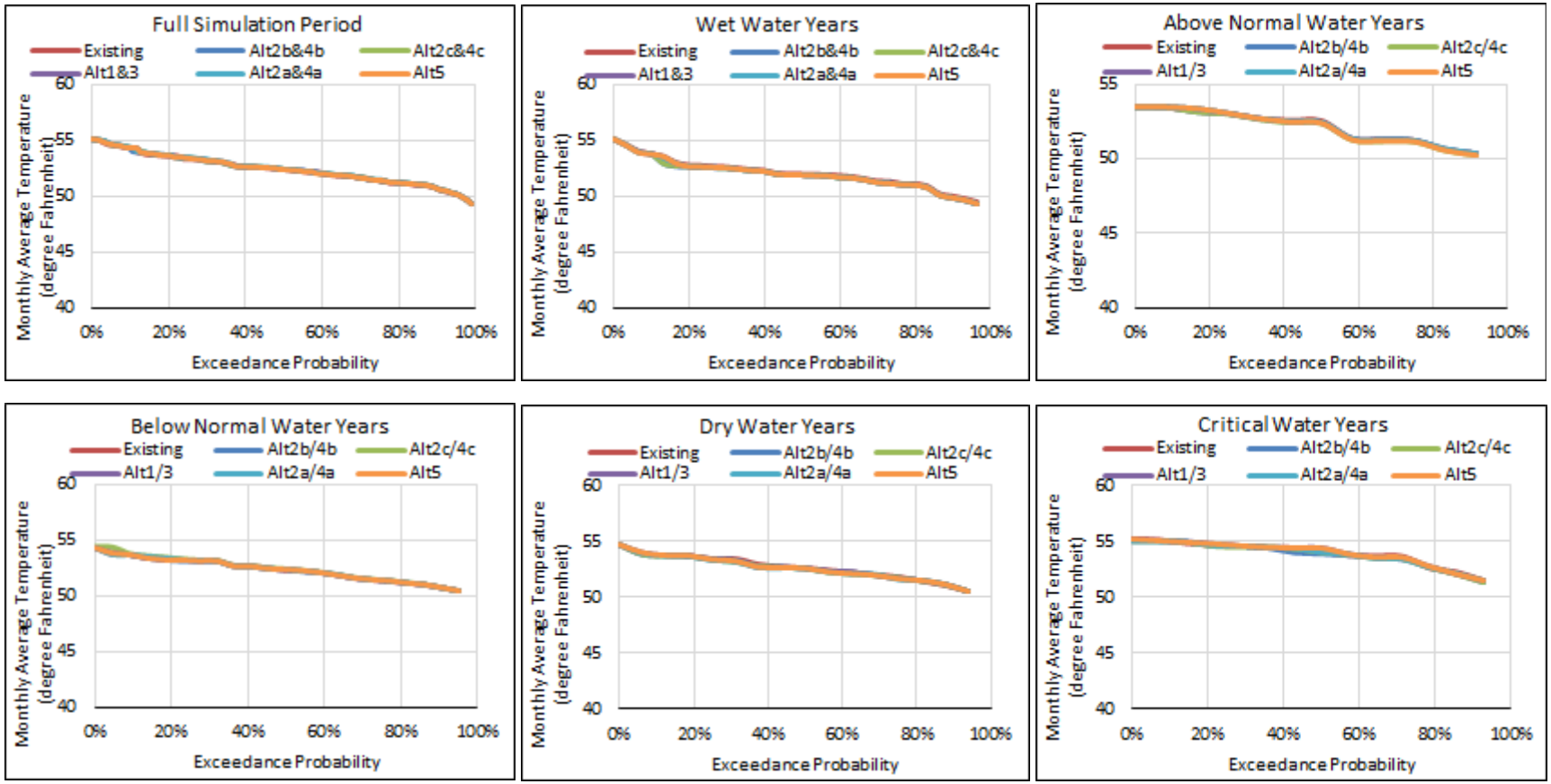


Figure 5A-D1.14.46. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

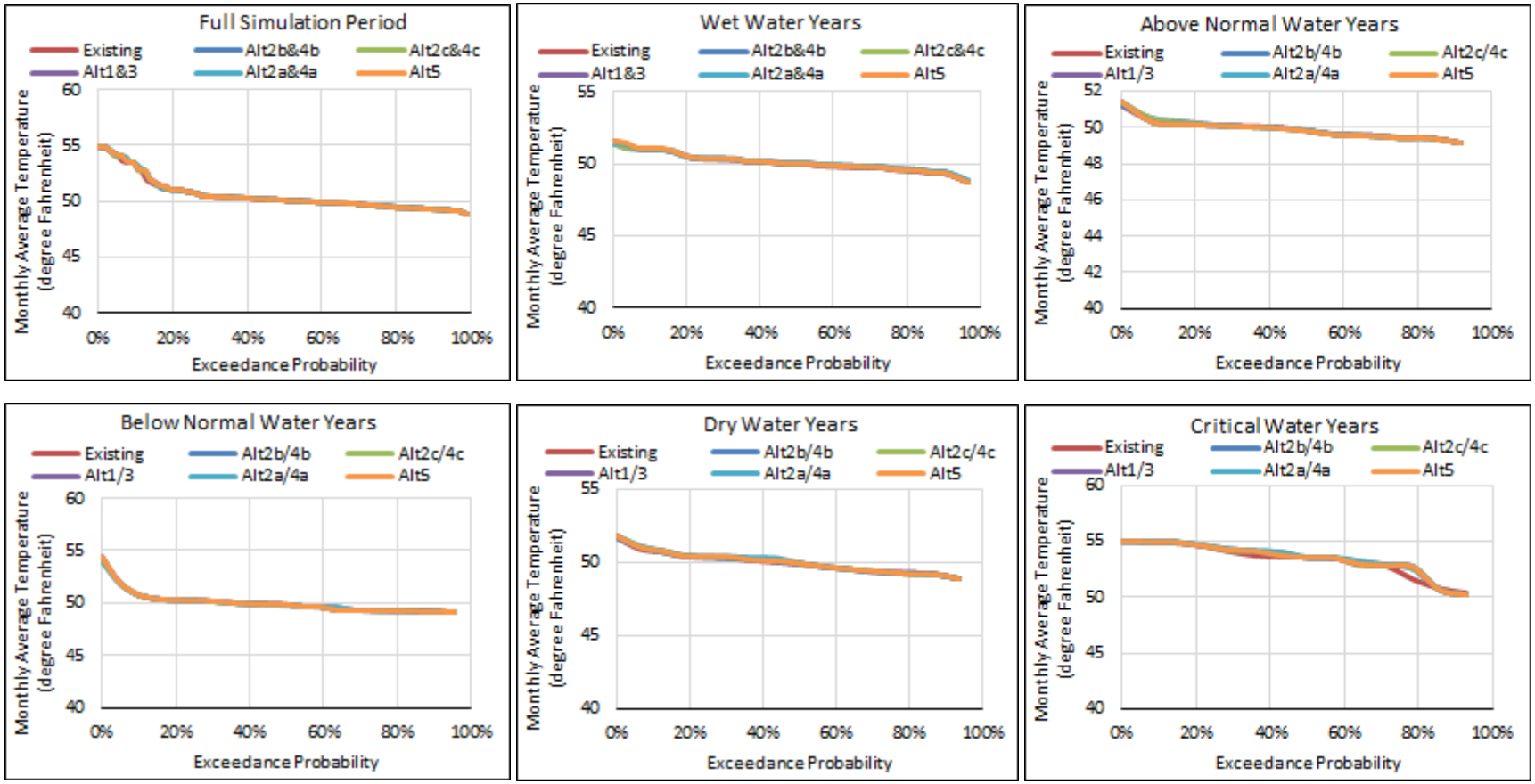


Figure 5A-D1.14.47. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

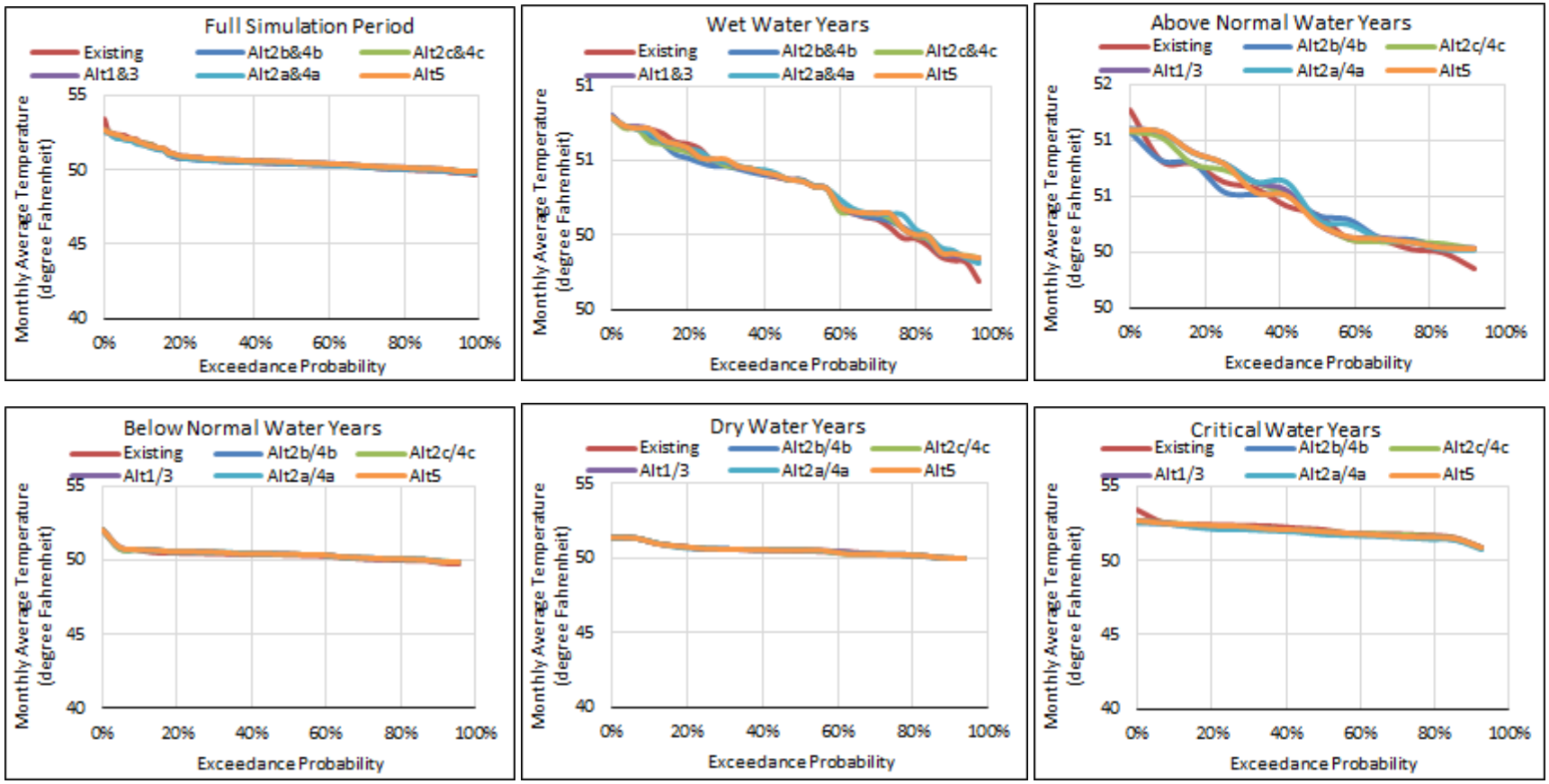


Figure 5A-D1.14.48. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

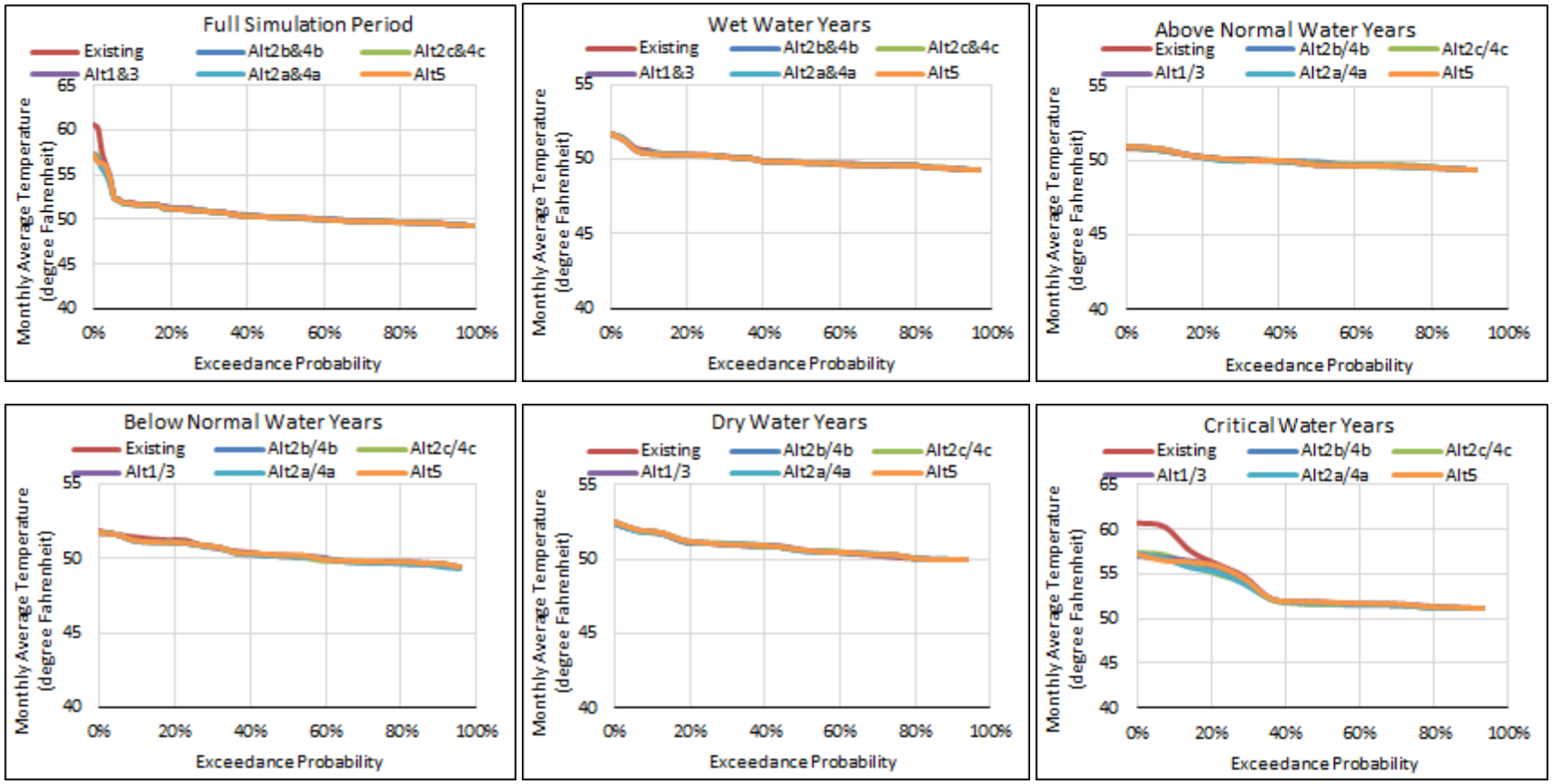
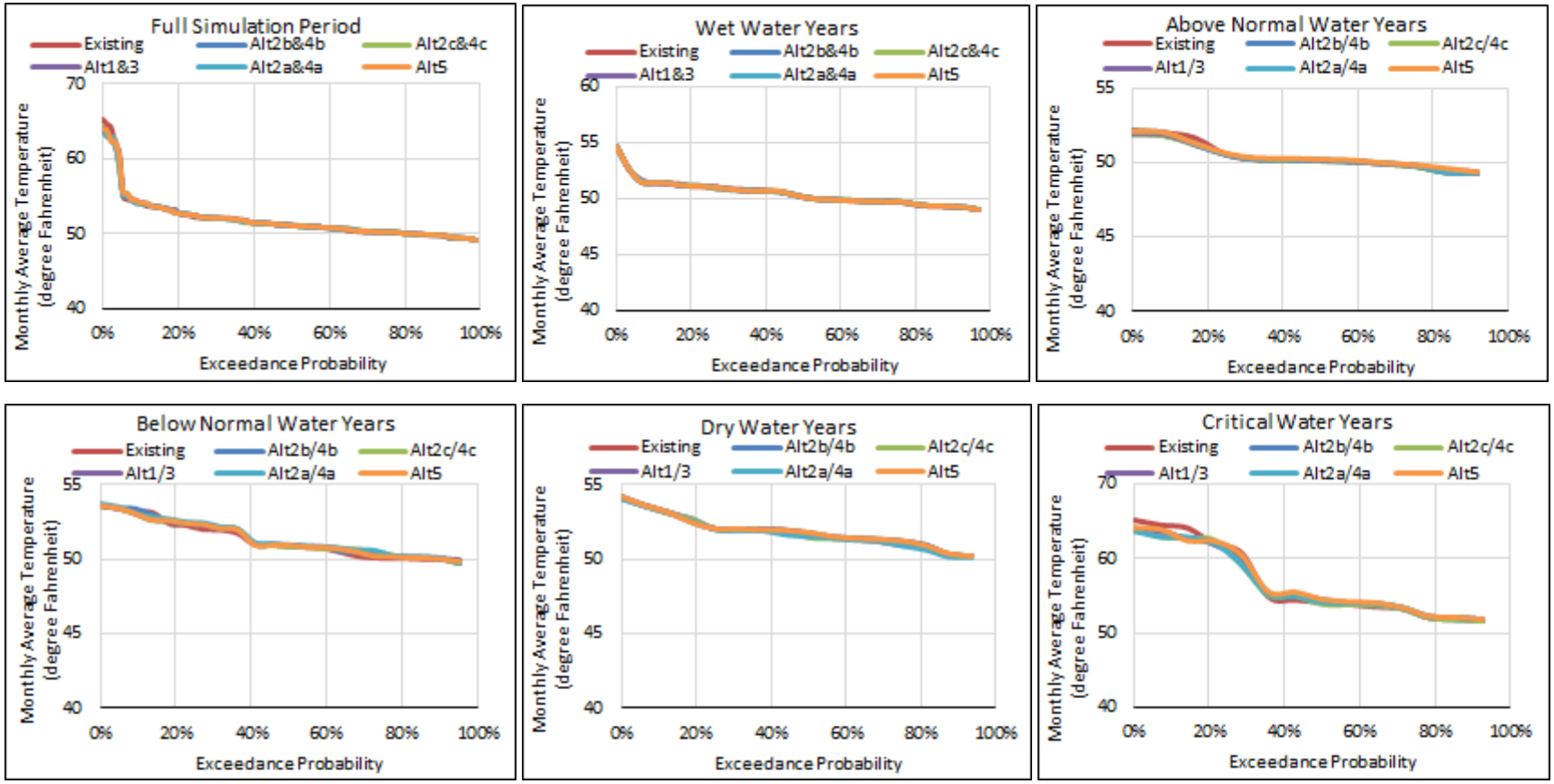


Figure 5A-D1.14.49. Sacramento River Below Keswick, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.15 Sacramento River Below Shasta

Table 5A-D1.15.1-A. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.6	54.9	54.4	50.5	48.7	50.1	52.9	51.6	51.5	49.5	49.7	51.8
20%	52.8	54.9	54.0	49.8	48.1	49.3	52.5	51.1	48.5	48.7	48.9	50.9
30%	52.1	54.8	53.5	49.3	47.6	49.0	52.0	50.8	48.2	48.7	48.6	49.9
40%	51.4	54.8	53.3	48.9	47.1	48.5	51.5	50.6	47.9	48.6	48.3	49.6
50%	50.7	54.8	53.0	48.5	46.7	48.2	51.2	50.3	47.7	48.6	48.0	48.9
60%	50.5	54.7	52.6	48.2	46.5	47.9	50.9	49.9	47.6	48.6	47.8	48.5
70%	50.4	54.6	52.1	47.5	46.0	47.2	50.5	49.5	47.6	48.6	47.8	48.2
80%	50.3	54.5	51.3	46.9	45.5	46.8	50.1	49.2	47.6	48.6	47.8	48.0
90%	50.3	54.3	50.8	46.1	44.9	46.3	49.1	48.9	47.6	48.5	47.7	48.0

Table 5A-D1.15.1-B. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	51.9	54.7	52.7	48.4	46.8	48.1	51.2	50.3	48.4	48.8	48.7	50.0
Wet Water Years	51.3	54.8	53.1	47.6	46.0	47.4	50.8	49.8	47.8	48.6	48.0	48.9
Above Normal Water Years	51.0	54.5	53.1	48.5	46.6	48.3	51.2	49.8	47.6	48.7	48.0	48.8
Below Normal Water Years	51.1	54.6	52.6	48.7	47.1	48.4	51.5	50.1	48.0	48.7	48.4	49.3
Dry Water Years	51.1	54.7	52.7	49.3	47.5	48.6	51.8	50.2	48.1	48.7	48.5	49.3
Critical Water Years	56.2	55.1	51.8	48.2	47.3	48.6	50.9	51.9	51.4	49.5	51.5	55.2

Table 5A-D1.15.1-C. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.7	55.0	54.3	50.6	48.7	50.0	53.0	51.4	51.4	49.4	49.7	51.9
20%	52.5	54.9	53.9	49.8	48.1	49.5	52.4	51.0	48.5	48.7	48.8	50.8
30%	52.0	54.8	53.5	49.3	47.6	49.0	52.0	50.8	48.2	48.7	48.5	50.0
40%	51.2	54.8	53.3	48.9	47.2	48.5	51.5	50.6	47.9	48.7	48.3	49.5
50%	50.7	54.8	52.9	48.5	46.8	48.1	51.2	50.2	47.7	48.6	48.0	48.8
60%	50.5	54.8	52.6	48.2	46.5	47.9	50.9	49.9	47.6	48.6	47.8	48.4
70%	50.4	54.6	52.1	47.7	46.0	47.2	50.5	49.4	47.6	48.6	47.8	48.2
80%	50.3	54.5	51.3	47.0	45.5	46.8	50.1	49.2	47.6	48.6	47.7	48.0
90%	50.3	54.3	50.8	46.1	44.8	46.2	49.2	48.9	47.6	48.5	47.7	48.0

Table 5A-D1.15.1-D. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	51.8	54.8	52.7	48.4	46.8	48.1	51.2	50.2	48.4	48.8	48.6	49.9
Wet Water Years	51.3	54.8	53.1	47.8	46.0	47.4	50.8	49.8	47.8	48.6	48.0	48.9
Above Normal Water Years	50.8	54.6	53.0	48.4	46.6	48.3	51.2	49.8	47.6	48.7	48.0	48.7
Below Normal Water Years	51.0	54.6	52.6	48.7	47.1	48.5	51.5	50.1	48.0	48.7	48.3	49.2
Dry Water Years	51.1	54.7	52.7	49.3	47.5	48.7	51.8	50.2	48.1	48.7	48.5	49.3
Critical Water Years	56.2	55.1	51.9	48.4	47.5	48.6	50.8	51.7	51.6	49.4	50.7	54.8

Table 5A-D1.15.1-E. Sacramento River Below Shasta, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.1	0.0	0.0	0.1	-0.2	-0.1	0.0	0.0	0.1
20%	-0.3	0.0	-0.1	0.1	0.0	0.2	-0.1	-0.1	0.0	0.0	0.0	-0.1
30%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
60%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1
70%	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.15.1-F. Sacramento River Below Shasta, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Wet Water Years	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	-0.1	0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry Water Years	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 Water Years	0.0	0.1	0.1	0.2	0.3	0.0	-0.1	-0.1	0.2	-0.2	-0.8	-0.3

Table 5A-D1.15.1-G. Sacramento River Below Shasta, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.1%	-0.1%	0.2%	0.1%	-0.1%	0.2%	-0.3%	-0.2%	-0.1%	0.0%	0.2%
20%	-0.6%	0.0%	-0.2%	0.2%	0.1%	0.4%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.2%
30%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%
40%	-0.3%	0.0%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%
50%	-0.1%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%
60%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%
70%	0.0%	0.0%	-0.1%	0.5%	-0.1%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.15.1-H. Sacramento River Below Shasta, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.3%	-0.1%
Wet Water Years	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.2%	0.2%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%
Below Normal Water Years	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Dry Water Years	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 Water Years	0.0%	0.2%	0.2%	0.4%	0.5%	0.0%	-0.2%	-0.2%	0.4%	-0.4%	-1.6%	-0.6%

Table 5A-D1.15.2-A. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.7	55.0	54.3	50.6	48.7	50.0	53.0	51.5	51.3	49.4	49.7	52.0
20%	52.4	54.9	53.9	49.8	48.1	49.5	52.4	51.0	48.5	48.7	48.8	50.7
30%	52.0	54.8	53.5	49.3	47.6	49.0	51.9	50.8	48.2	48.7	48.6	49.9
40%	51.2	54.8	53.3	48.9	47.1	48.5	51.5	50.6	47.9	48.7	48.3	49.5
50%	50.7	54.8	52.9	48.5	46.8	48.1	51.2	50.3	47.7	48.6	48.0	48.8
60%	50.5	54.7	52.6	48.2	46.5	47.9	50.9	49.9	47.6	48.6	47.9	48.4
70%	50.4	54.6	52.1	47.7	46.0	47.2	50.4	49.3	47.6	48.6	47.8	48.1
80%	50.3	54.5	51.3	47.0	45.5	46.8	50.1	49.2	47.6	48.6	47.7	48.0
90%	50.3	54.3	50.8	46.0	44.8	46.3	49.2	48.9	47.6	48.5	47.7	48.0

Table 5A-D1.15.2-B. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	51.8	54.8	52.7	48.4	46.8	48.1	51.2	50.2	48.4	48.8	48.6	49.9
Wet Water Years	51.3	54.8	53.1	47.8	46.0	47.4	50.8	49.8	47.8	48.6	48.0	48.9
Above Normal Water Years	50.8	54.6	53.0	48.4	46.6	48.3	51.2	49.8	47.6	48.7	48.0	48.7
Below Normal Water Years	51.0	54.6	52.6	48.7	47.1	48.5	51.5	50.1	48.0	48.7	48.3	49.2
Dry Water Years	51.1	54.7	52.7	49.3	47.5	48.7	51.8	50.2	48.1	48.7	48.5	49.3
Critical Water Years	56.1	55.1	51.9	48.4	47.5	48.6	50.7	51.8	51.6	49.4	50.8	54.9

Table 5A-D1.15.2-C. Sacramento River Below Shasta, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1	-0.2	0.0	0.0	0.2
20%	-0.3	0.0	-0.1	0.1	0.0	0.2	-0.1	0.0	0.0	0.0	0.0	-0.2
30%	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
40%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1
50%	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%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
70%	0.0	0.0	0.0	0.3	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
80%	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%	0.0	0.0	0.1	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.15.2-D. Sacramento River Below Shasta, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Wet Water Years	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	-0.1	0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Below Normal Water Years	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years	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 Water Years	-0.1	0.1	0.1	0.2	0.3	0.0	-0.1	-0.1	0.2	-0.2	-0.8	-0.3

Table 5A-D1.15.2-E. Sacramento River Below Shasta, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.1%	-0.1%	0.2%	0.0%	-0.2%	0.1%	-0.2%	-0.4%	-0.1%	0.0%	0.3%
20%	-0.6%	0.0%	-0.2%	0.1%	0.1%	0.4%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.4%
30%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%
40%	-0.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.2%
50%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
60%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%
70%	0.0%	0.0%	-0.1%	0.5%	-0.1%	-0.1%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.15.2-F. Sacramento River Below Shasta, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.3%	-0.1%
Wet Water Years	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.3%	0.2%	-0.1%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%
Below Normal Water Years	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.1%	0.2%	0.3%	0.4%	0.6%	0.0%	-0.3%	-0.2%	0.3%	-0.3%	-1.5%	-0.5%

Table 5A-D1.15.3-A. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.7	54.9	54.3	50.6	48.7	50.0	52.9	51.5	51.4	49.4	49.7	52.1
20%	52.6	54.9	53.9	49.8	48.1	49.4	52.5	51.0	48.5	48.7	48.9	50.8
30%	52.0	54.8	53.5	49.3	47.6	49.0	51.9	50.8	48.2	48.7	48.5	50.0
40%	51.2	54.8	53.3	48.9	47.1	48.5	51.5	50.6	47.9	48.7	48.3	49.4
50%	50.7	54.8	52.9	48.5	46.8	48.1	51.3	50.3	47.7	48.6	48.0	48.8
60%	50.5	54.7	52.7	48.2	46.5	47.9	50.9	49.9	47.6	48.6	47.9	48.4
70%	50.4	54.6	52.1	47.7	46.0	47.2	50.6	49.4	47.6	48.6	47.8	48.2
80%	50.3	54.5	51.3	47.0	45.5	46.8	50.1	49.2	47.6	48.6	47.7	48.0
90%	50.3	54.3	50.7	46.0	44.8	46.2	49.2	48.9	47.6	48.5	47.7	48.0

Table 5A-D1.15.3-B. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	51.8	54.8	52.7	48.4	46.8	48.1	51.2	50.2	48.4	48.8	48.6	49.9
Wet Water Years	51.3	54.8	53.1	47.8	46.0	47.4	50.8	49.8	47.8	48.6	48.0	48.9
Above Normal Water Years	50.9	54.6	53.0	48.4	46.6	48.3	51.2	49.8	47.6	48.7	48.0	48.7
Below Normal Water Years	51.0	54.6	52.6	48.7	47.1	48.5	51.5	50.1	48.0	48.7	48.3	49.2
Dry Water Years	51.1	54.7	52.7	49.3	47.5	48.6	52.0	50.2	48.1	48.7	48.5	49.3
Critical Water Years	56.3	55.2	51.8	48.3	47.4	48.5	50.8	51.8	51.6	49.4	50.9	55.1

Table 5A-D1.15.3-C. Sacramento River Below Shasta, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.3
20%	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
30%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
50%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.3	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0
80%	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.15.3-D. Sacramento River Below Shasta, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
Wet Water Years	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	-0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Below Normal Water Years	-0.1	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	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 Water Years	0.2	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.2	-0.1	-0.7	-0.1

Table 5A-D1.15.3-E. Sacramento River Below Shasta, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	-0.1%	0.2%	0.1%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.6%
20%	-0.4%	0.0%	-0.1%	0.1%	0.0%	0.2%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.3%
30%	-0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%
40%	-0.3%	0.0%	0.0%	0.1%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.3%
50%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
60%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%
70%	0.0%	0.0%	-0.1%	0.5%	-0.1%	-0.1%	0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.1%	-0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	-0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.15.3-F. Sacramento River Below Shasta, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	-0.1%
Wet Water Years	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.2%	0.2%	-0.1%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Below Normal Water Years	-0.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.3%	0.2%	0.1%	0.3%	0.4%	-0.1%	-0.1%	-0.1%	0.3%	-0.3%	-1.3%	-0.1%

Table 5A-D1.15.4-A. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.6	55.0	54.3	50.6	48.7	50.0	53.0	51.5	51.4	49.4	49.6	51.9
20%	52.6	54.9	54.0	49.8	48.1	49.4	52.4	51.0	48.5	48.7	48.8	50.8
30%	52.1	54.8	53.5	49.3	47.6	48.9	51.9	50.8	48.2	48.7	48.5	50.0
40%	51.2	54.8	53.3	48.9	47.1	48.5	51.5	50.6	47.9	48.7	48.3	49.5
50%	50.7	54.8	53.0	48.5	46.8	48.1	51.2	50.3	47.7	48.6	48.0	48.8
60%	50.4	54.7	52.6	48.2	46.5	47.9	50.9	49.9	47.6	48.6	47.9	48.5
70%	50.4	54.7	52.1	47.7	46.0	47.2	50.4	49.4	47.6	48.6	47.8	48.1
80%	50.3	54.5	51.3	47.0	45.5	46.8	50.1	49.2	47.6	48.6	47.8	48.0
90%	50.3	54.4	50.8	46.1	44.8	46.2	49.1	48.9	47.5	48.5	47.7	48.0

Table 5A-D1.15.4-B. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	51.8	54.8	52.7	48.4	46.8	48.1	51.2	50.2	48.4	48.8	48.6	49.9
Wet Water Years	51.3	54.8	53.1	47.8	46.0	47.4	50.8	49.8	47.8	48.6	48.0	48.9
Above Normal Water Years	50.9	54.6	53.0	48.4	46.6	48.3	51.2	49.8	47.6	48.7	48.0	48.7
Below Normal Water Years	51.0	54.6	52.6	48.7	47.1	48.5	51.4	50.1	48.0	48.7	48.3	49.2
Dry Water Years	51.1	54.7	52.7	49.3	47.4	48.6	51.9	50.2	48.1	48.7	48.5	49.3
Critical Water Years	56.2	55.2	51.9	48.4	47.5	48.6	50.8	51.8	51.7	49.4	50.7	54.8

Table 5A-D1.15.4-C. Sacramento River Below Shasta, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.1
20%	-0.2	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1
30%	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
40%	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
80%	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%	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.15.4-D. Sacramento River Below Shasta, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Wet Water Years	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	-0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry Water Years	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 Water Years	0.0	0.1	0.1	0.2	0.2	0.0	-0.1	-0.1	0.2	-0.2	-0.8	-0.3

Table 5A-D1.15.4-E. Sacramento River Below Shasta, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.0%	0.2%	0.1%	-0.1%	0.0%	-0.2%	-0.3%	-0.1%	-0.1%	0.2%
20%	-0.3%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%	-0.2%	0.0%	0.0%	0.0%	-0.3%
30%	-0.1%	0.0%	0.0%	0.2%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%
40%	-0.4%	0.0%	-0.1%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
50%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
60%	-0.1%	0.0%	0.1%	0.1%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.1%	0.0%	0.4%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.1%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.15.4-F. Sacramento River Below Shasta, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.3%	-0.2%
Wet Water Years	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.2%	-0.1%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	-0.3%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Dry Water Years	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%
Critical Water Years	0.0%	0.2%	0.3%	0.4%	0.5%	0.0%	-0.2%	-0.1%	0.5%	-0.4%	-1.6%	-0.6%

Table 5A-D1.15.5-A. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	54.7	55.0	54.3	50.5	48.7	50.0	52.9	51.6	51.4	49.4	49.7	52.2
20%	52.6	54.9	53.9	49.8	48.1	49.4	52.5	51.0	48.5	48.7	48.9	50.8
30%	52.0	54.8	53.5	49.3	47.6	49.0	51.9	50.8	48.2	48.7	48.5	50.0
40%	51.2	54.8	53.3	48.8	47.1	48.5	51.5	50.6	47.9	48.7	48.3	49.4
50%	50.7	54.8	52.9	48.5	46.8	48.1	51.3	50.3	47.7	48.6	48.0	48.8
60%	50.5	54.7	52.7	48.2	46.5	47.9	50.9	49.9	47.6	48.6	47.8	48.5
70%	50.4	54.6	52.1	47.5	46.0	47.2	50.6	49.4	47.6	48.6	47.8	48.1
80%	50.3	54.5	51.3	46.9	45.5	46.8	50.1	49.2	47.6	48.6	47.7	48.0
90%	50.3	54.3	50.7	45.9	44.8	46.2	49.2	48.9	47.6	48.5	47.7	48.0

Table 5A-D1.15.5-B. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	51.8	54.8	52.7	48.4	46.8	48.1	51.2	50.2	48.4	48.8	48.6	49.9
Wet Water Years	51.3	54.8	53.1	47.6	46.0	47.4	50.8	49.8	47.8	48.6	48.0	48.9
Above Normal Water Years	50.9	54.6	53.0	48.4	46.6	48.3	51.2	49.8	47.6	48.7	48.0	48.7
Below Normal Water Years	51.0	54.6	52.6	48.7	47.1	48.5	51.5	50.1	48.0	48.7	48.3	49.2
Dry Water Years	51.1	54.7	52.7	49.3	47.5	48.6	52.0	50.2	48.1	48.7	48.5	49.3
Critical Water Years	56.3	55.2	51.8	48.3	47.4	48.5	50.8	51.8	51.6	49.4	50.9	55.1

Table 5A-D1.15.5-C. Sacramento River Below Shasta, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.4
20%	-0.2	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.0	0.0	-0.1
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
50%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	-0.2	-0.1	-0.1	0.2	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.15.5-D. Sacramento River Below Shasta, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Below Normal Water Years	-0.1	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	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 Water Years	0.2	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.2	-0.1	-0.7	-0.1

Table 5A-D1.15.5-E. Sacramento River Below Shasta, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.7%
20%	-0.4%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.3%
30%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%
40%	-0.3%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.3%
50%	-0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%
60%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	-0.1%	-0.5%	-0.2%	-0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.1%

Table 5A-D1.15.5-F. Sacramento River Below Shasta, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%
Wet Water Years	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	-0.2%	0.2%	-0.1%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Below Normal Water Years	-0.3%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.3%	0.2%	0.1%	0.3%	0.4%	-0.1%	-0.1%	-0.1%	0.3%	-0.3%	-1.3%	-0.1%

Figure 5A-D1.15.1. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

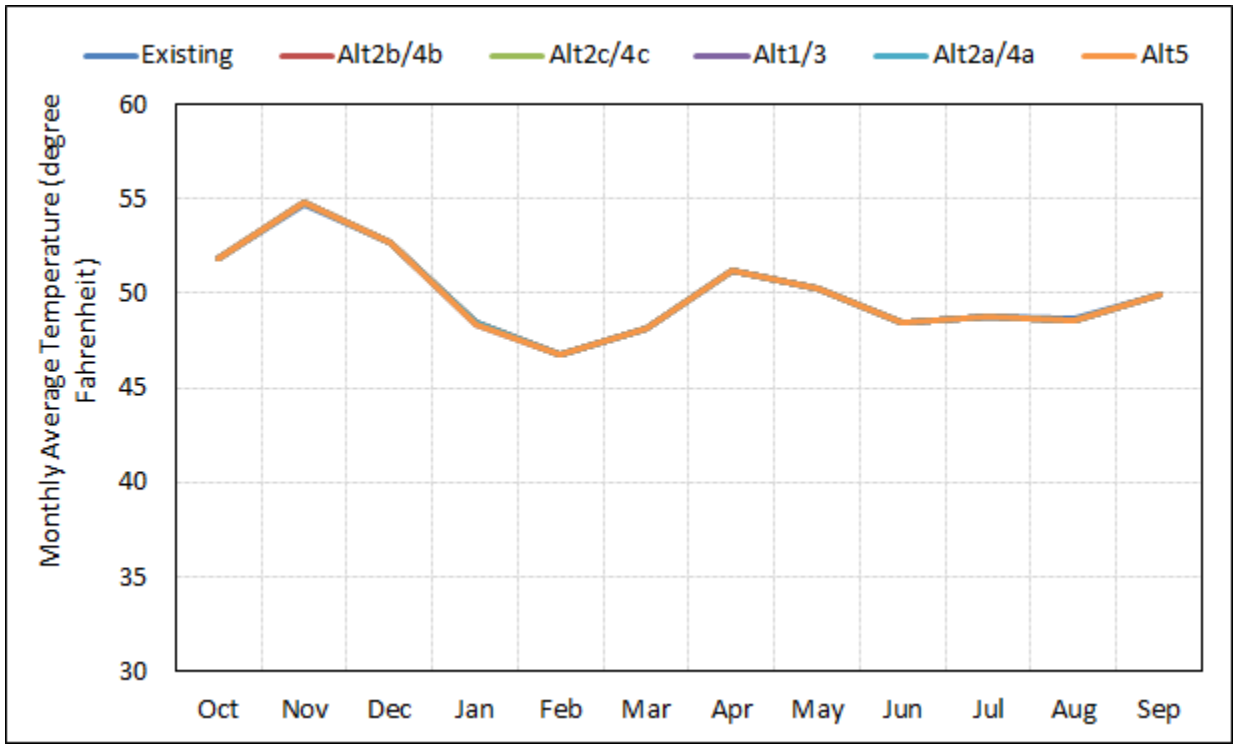


Figure 5A-D1.15.2. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

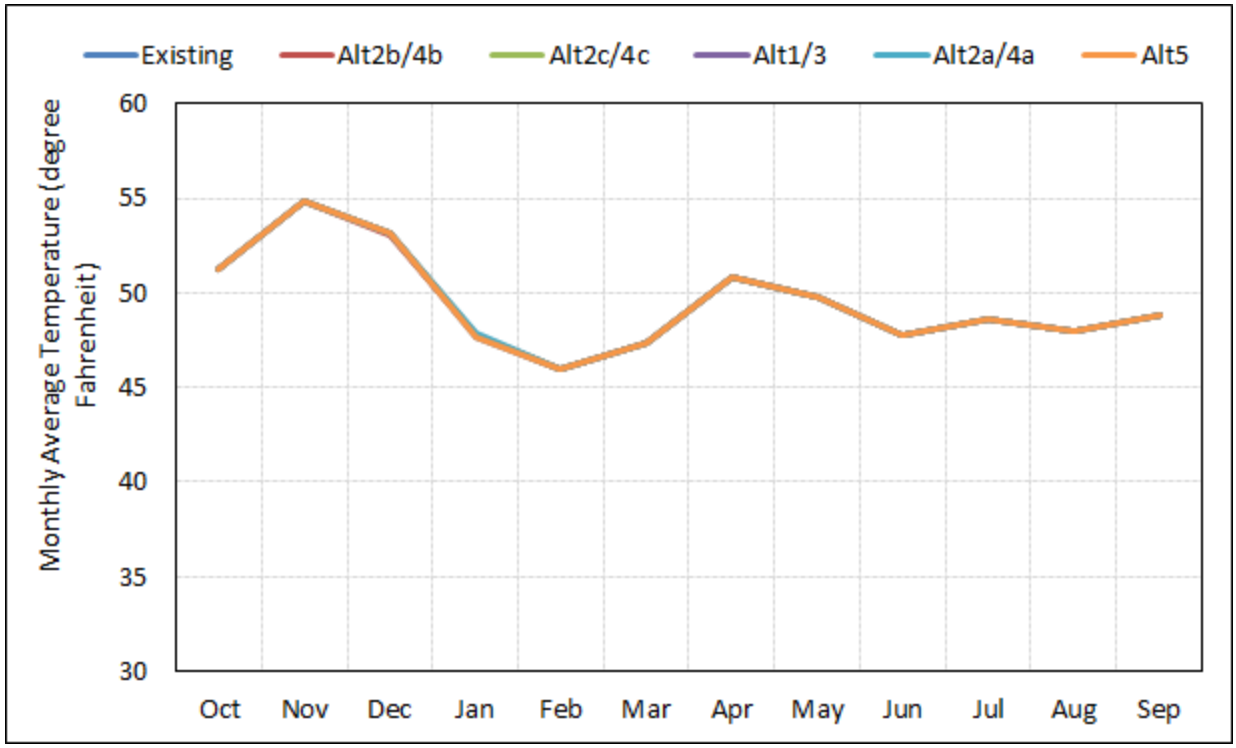


Figure 5A-D1.15.3. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

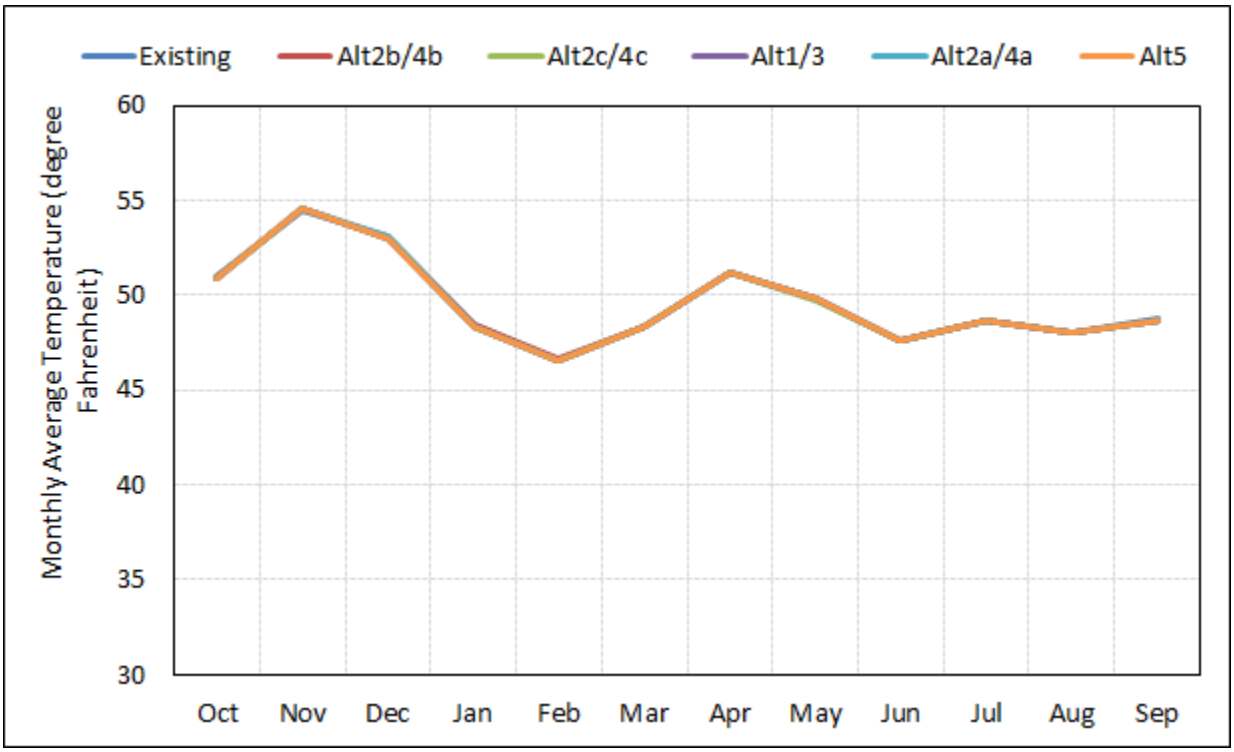


Figure 5A-D1.15.4. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

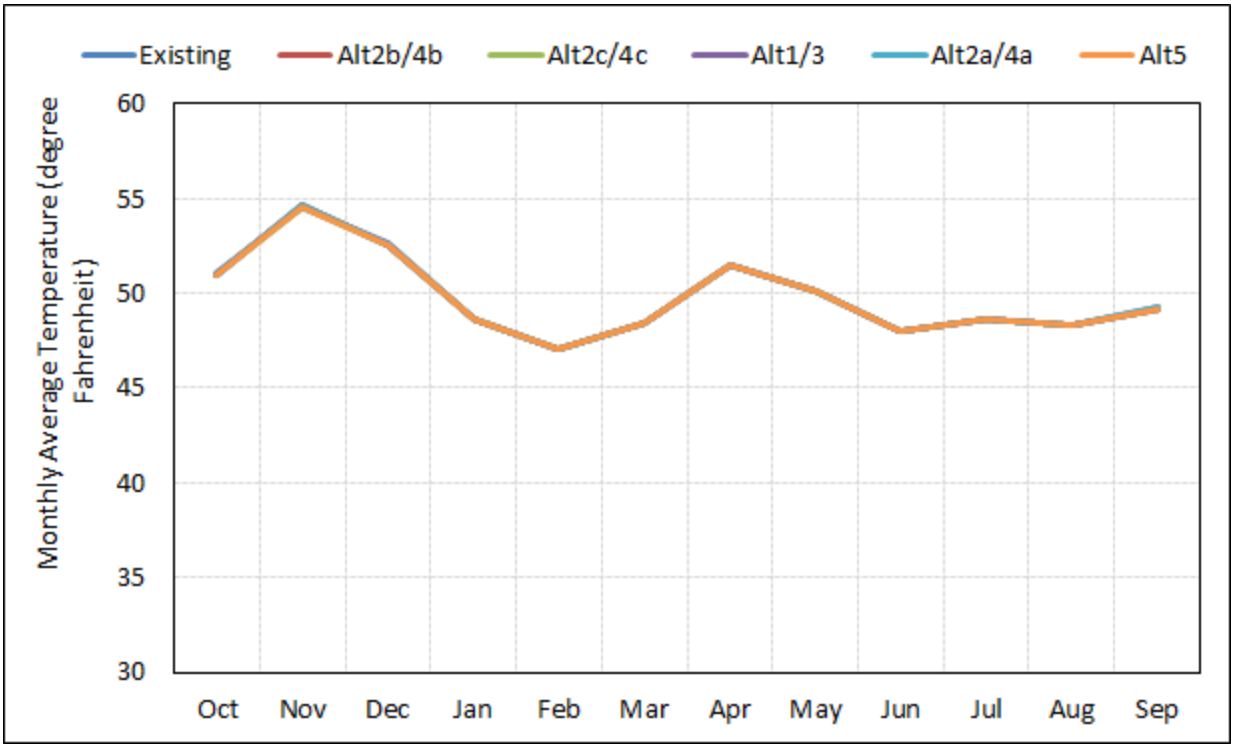


Figure 5A-D1.15.5. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

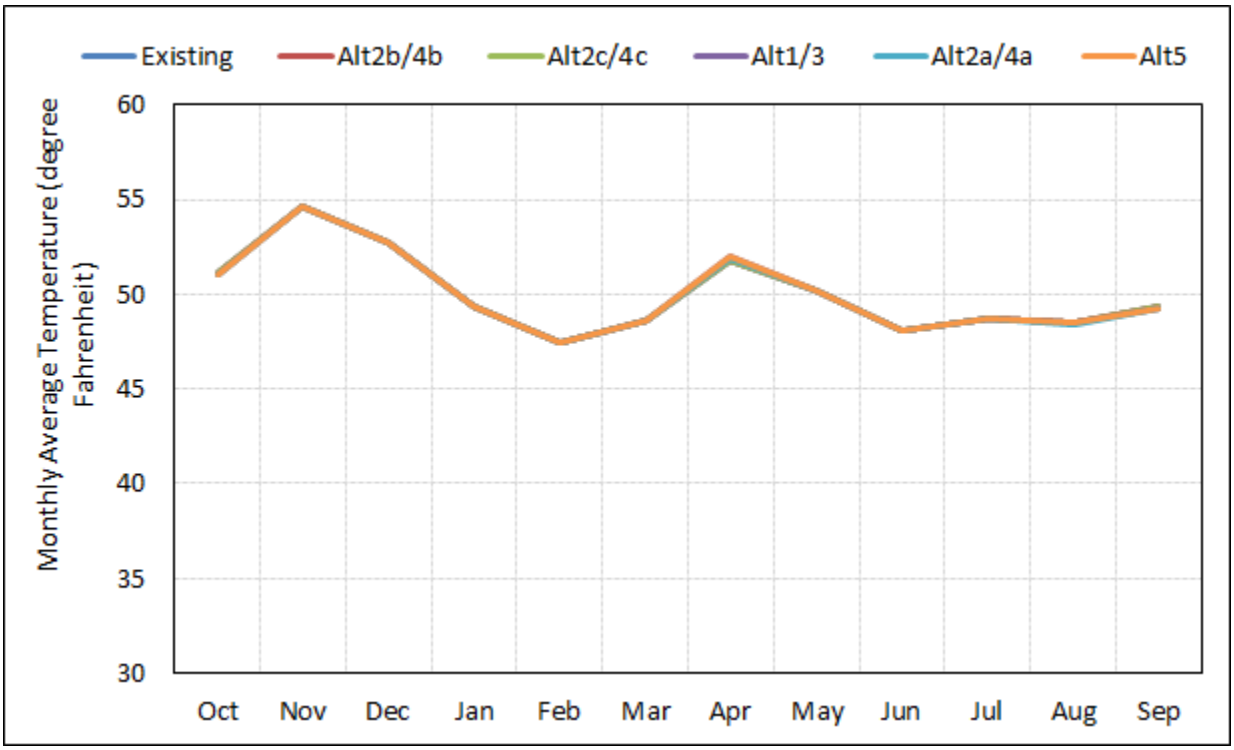


Figure 5A-D1.15.6. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

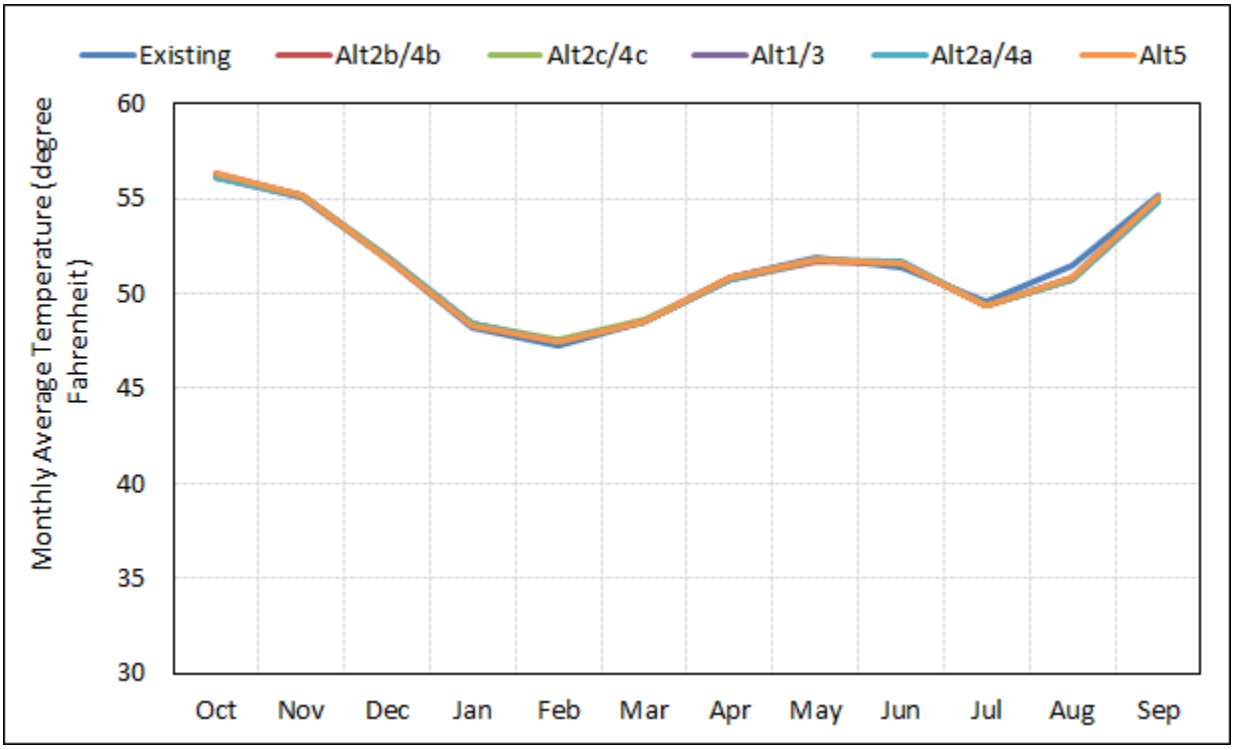


Figure 5A-D1.15.7. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

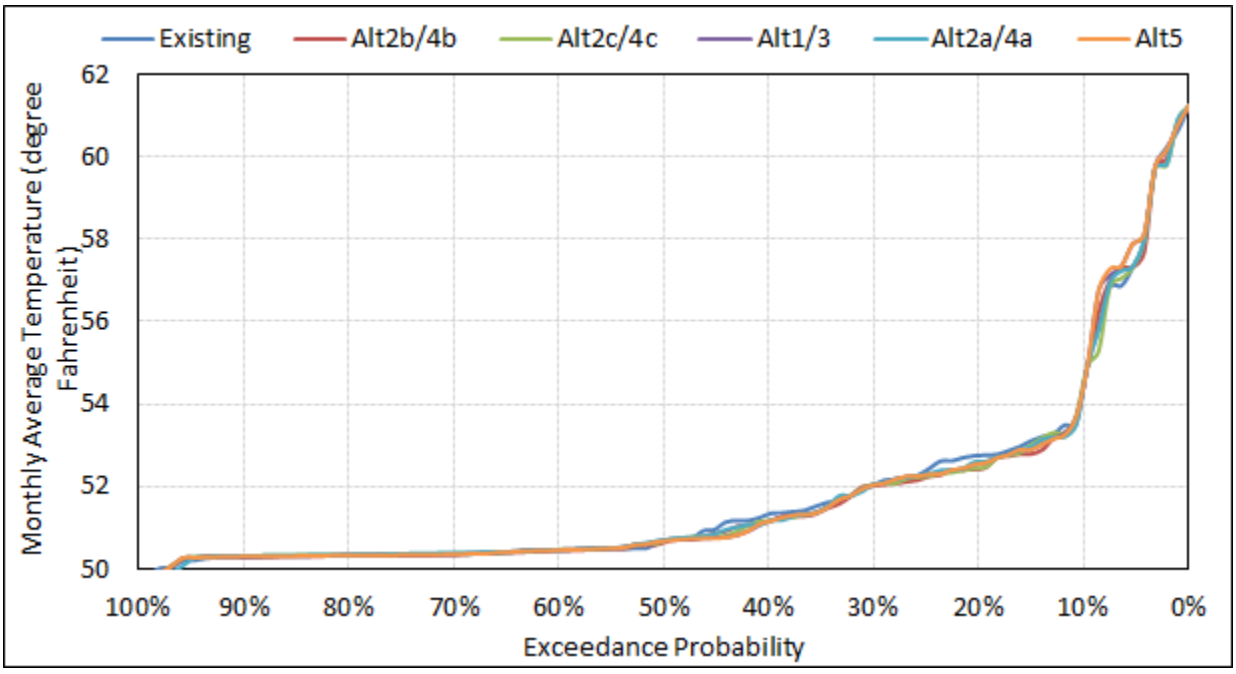


Figure 5A-D1.15.8. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

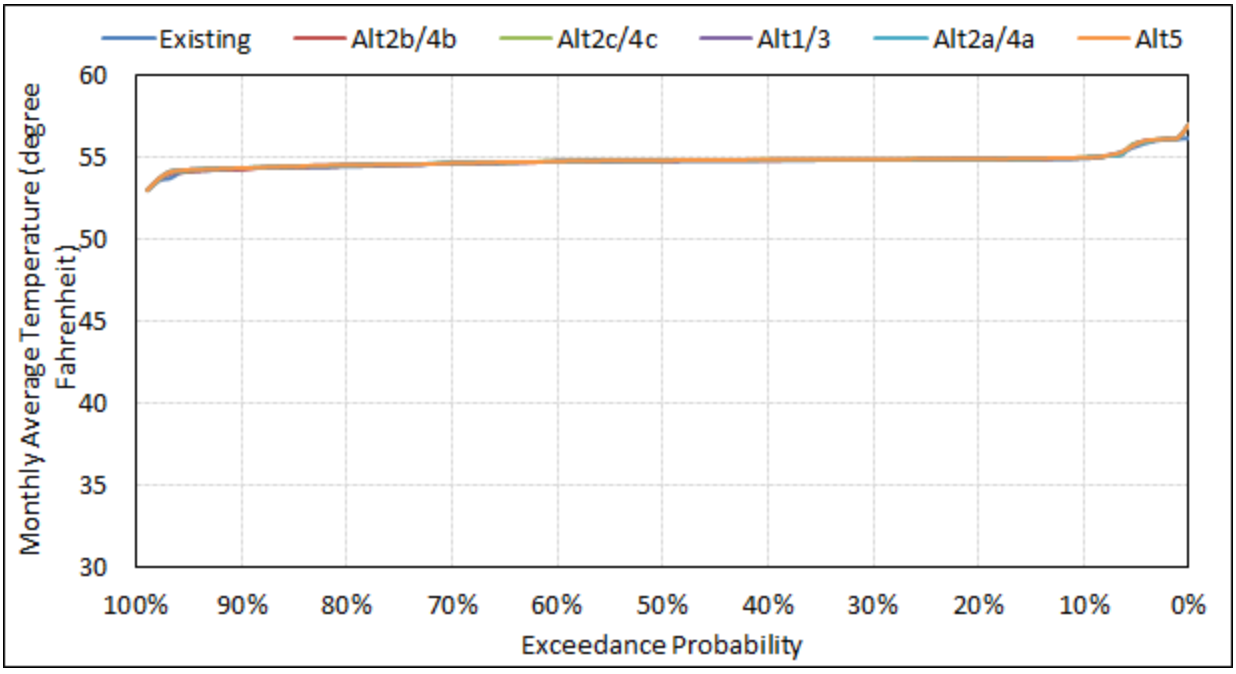


Figure 5A-D1.15.9. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

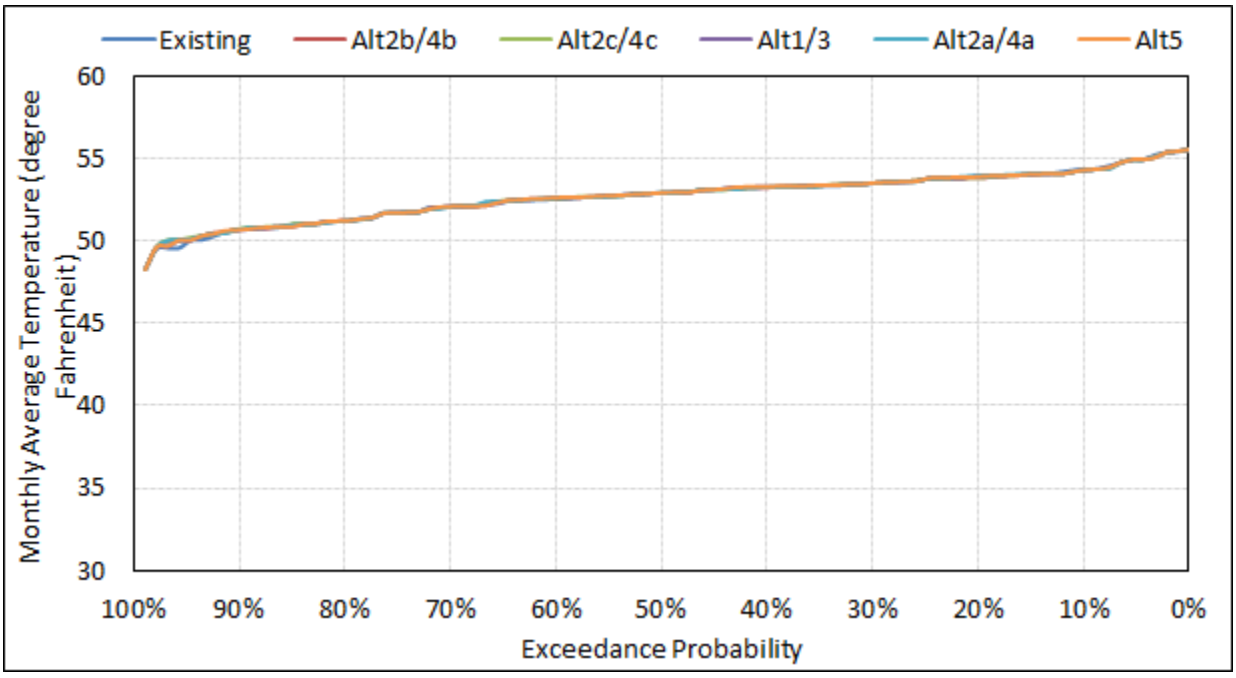


Figure 5A-D1.15.10. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

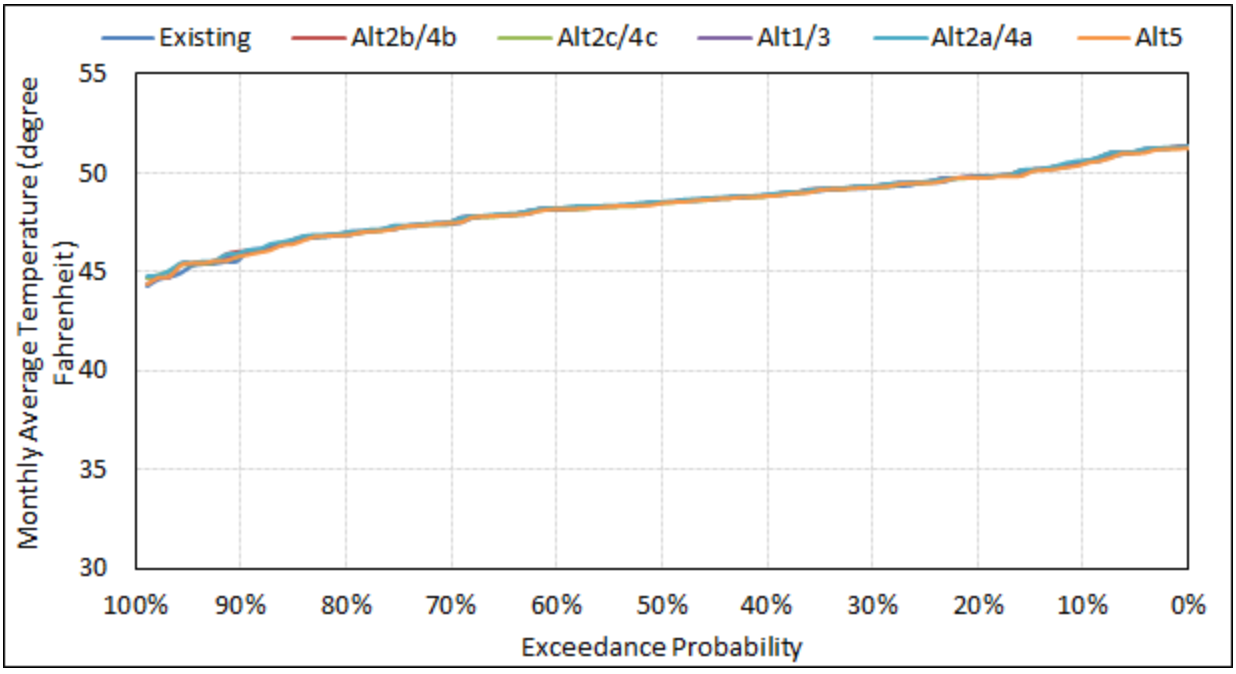


Figure 5A-D1.15.11. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

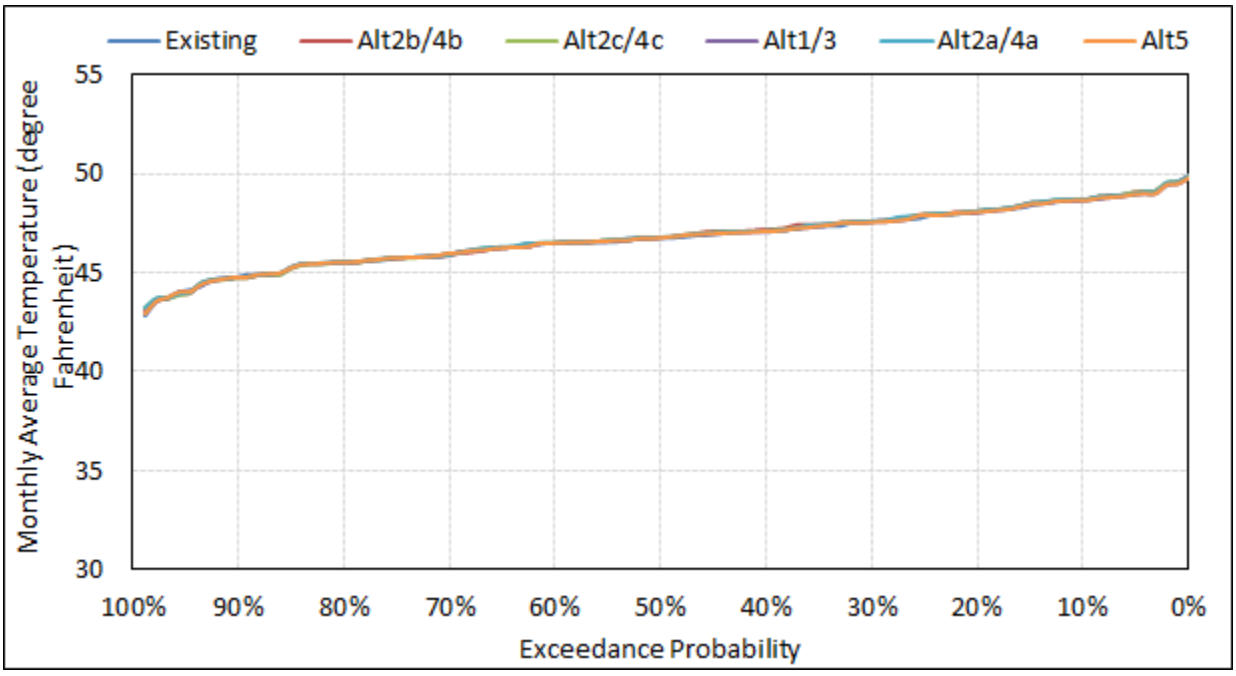


Figure 5A-D1.15.12. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

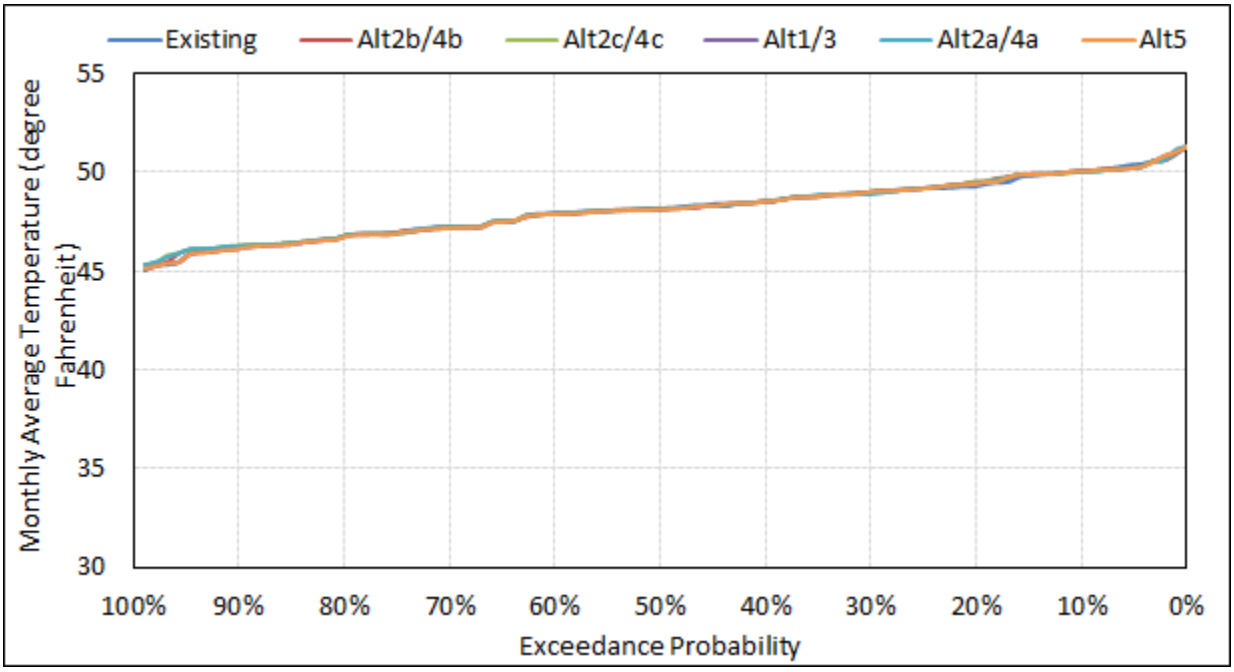


Figure 5A-D1.15.13. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

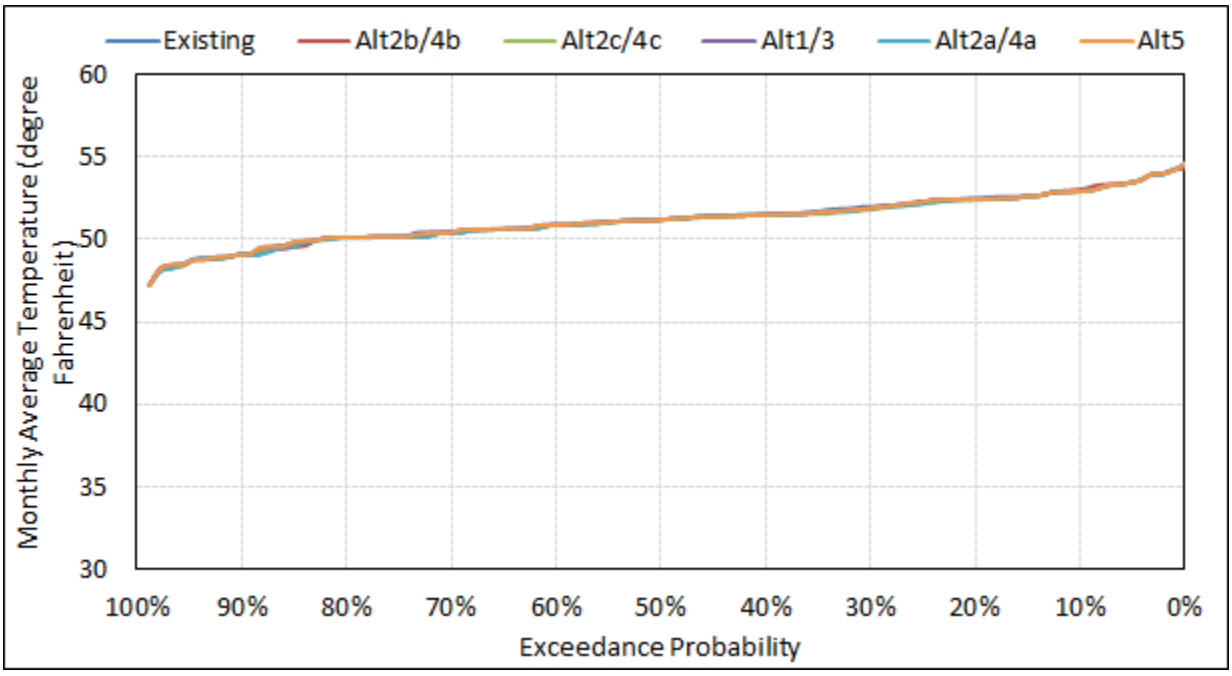


Figure 5A-D1.15.14. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

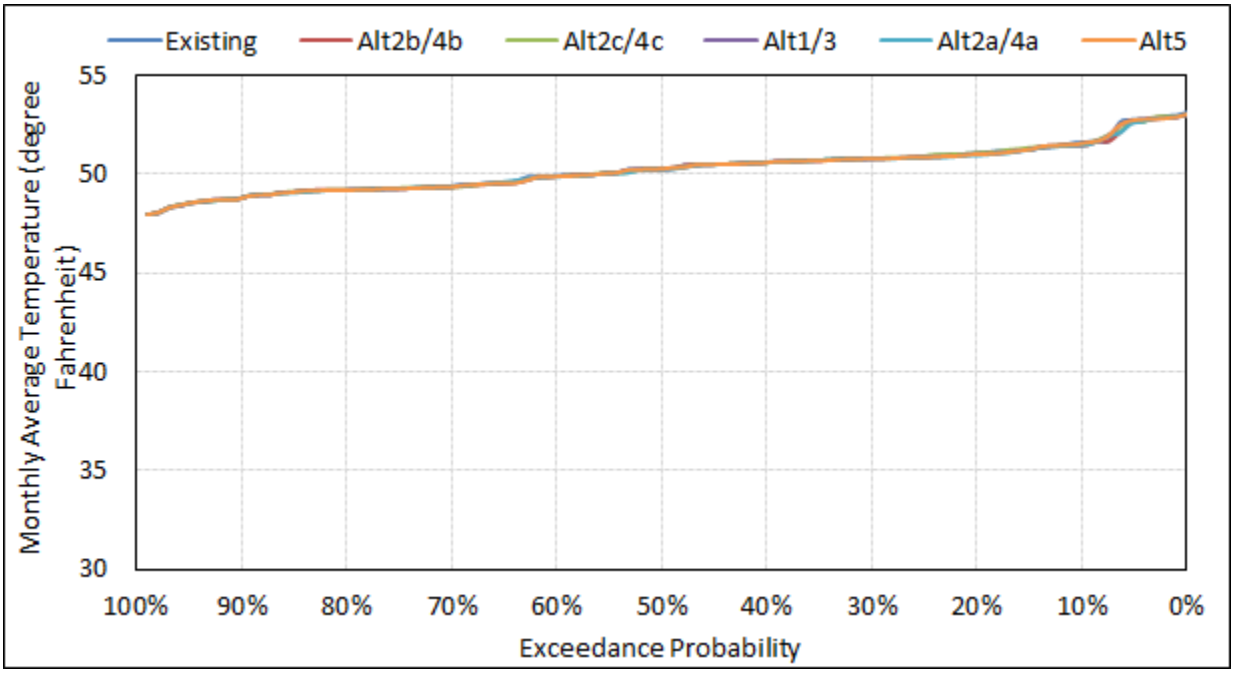


Figure 5A-D1.15.15. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

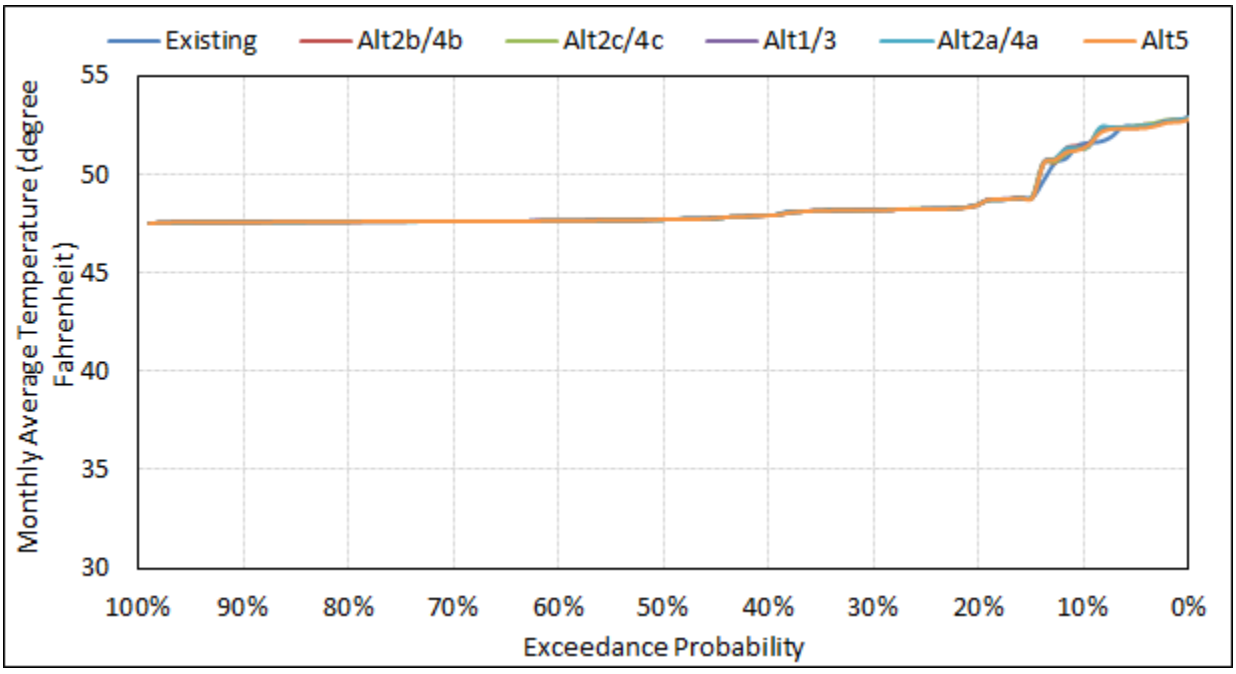


Figure 5A-D1.15.16. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

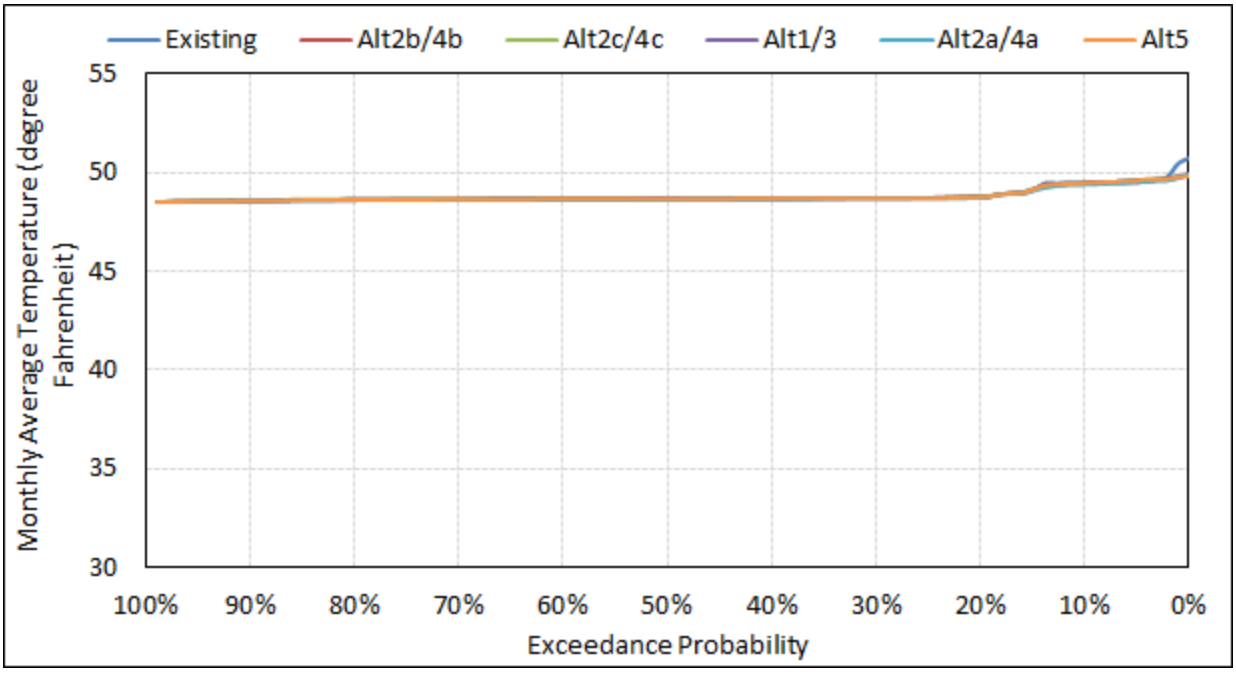


Figure 5A-D1.15.17. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

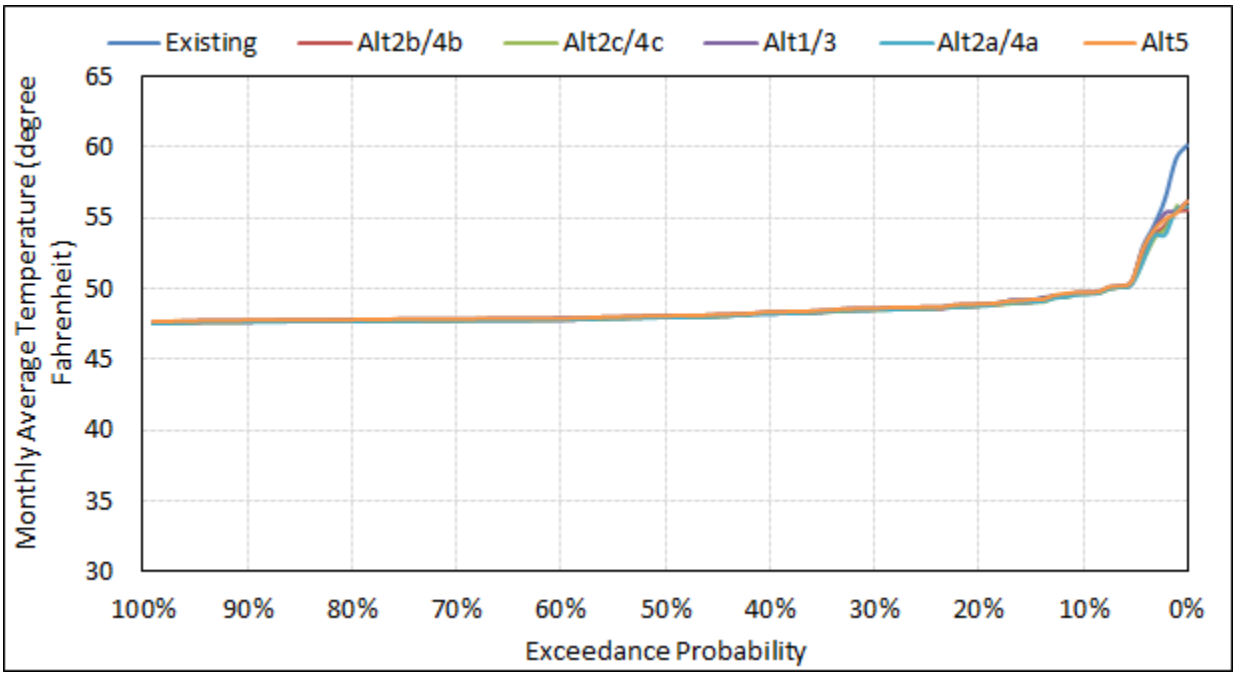


Figure 5A-D1.15.18. Sacramento River Below Shasta, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

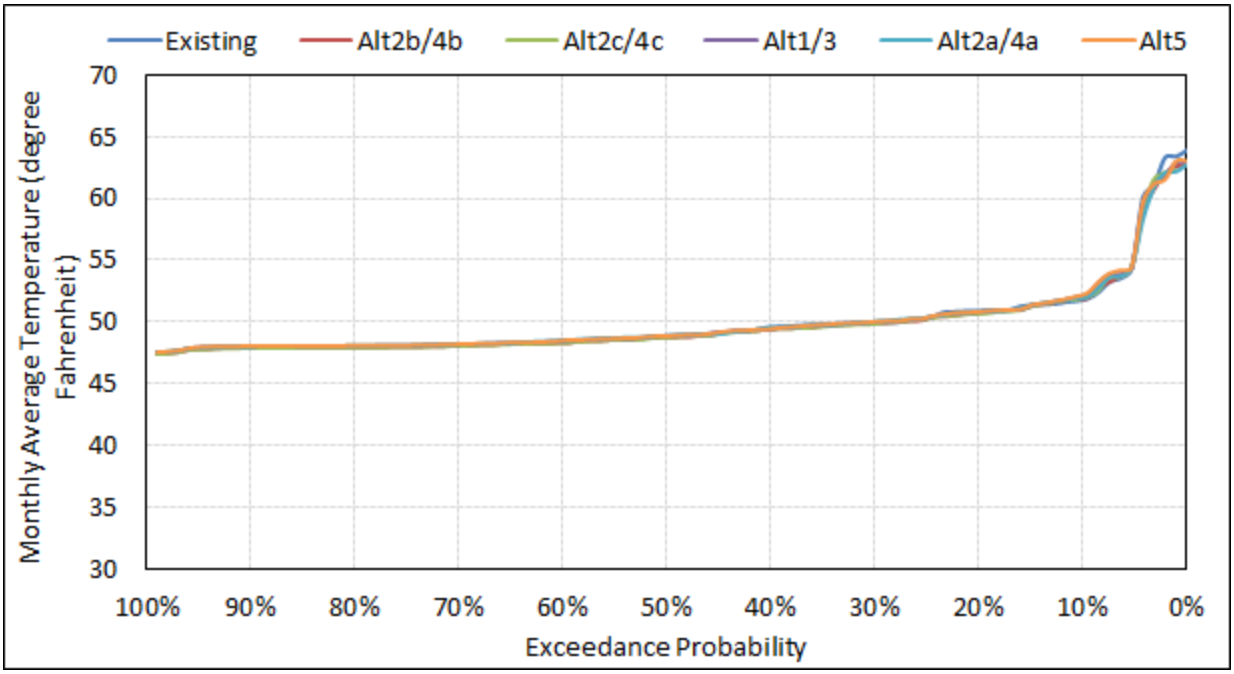
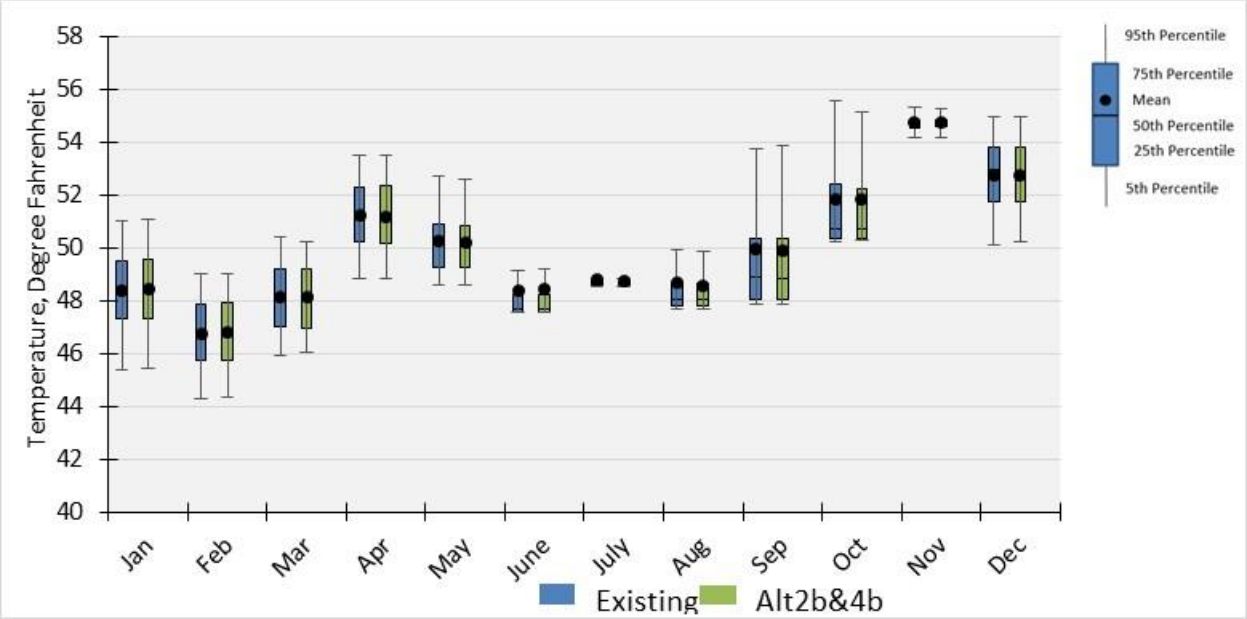


Figure 5A-D1.15.19. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



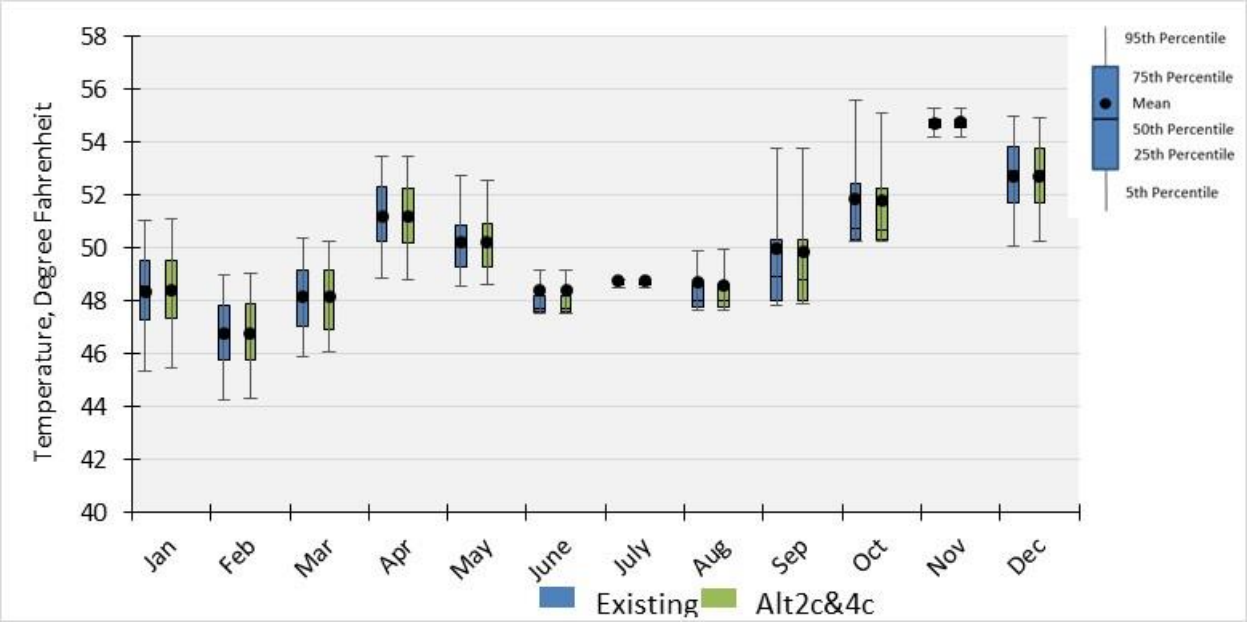
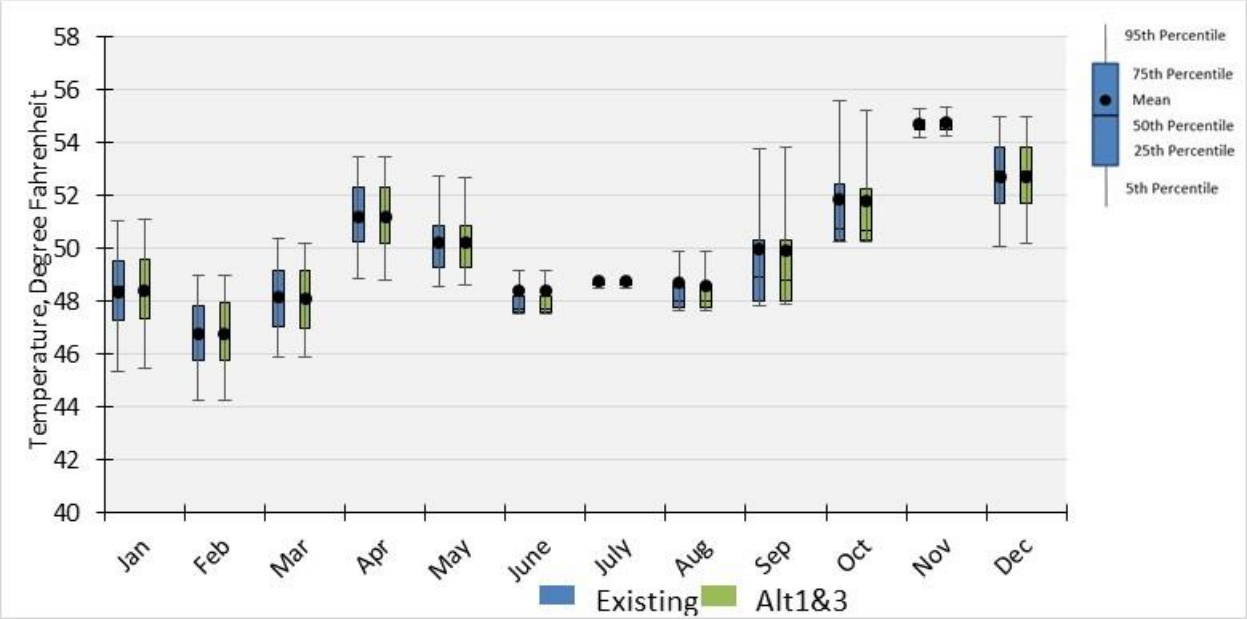


Figure 5A-D1.15.20. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



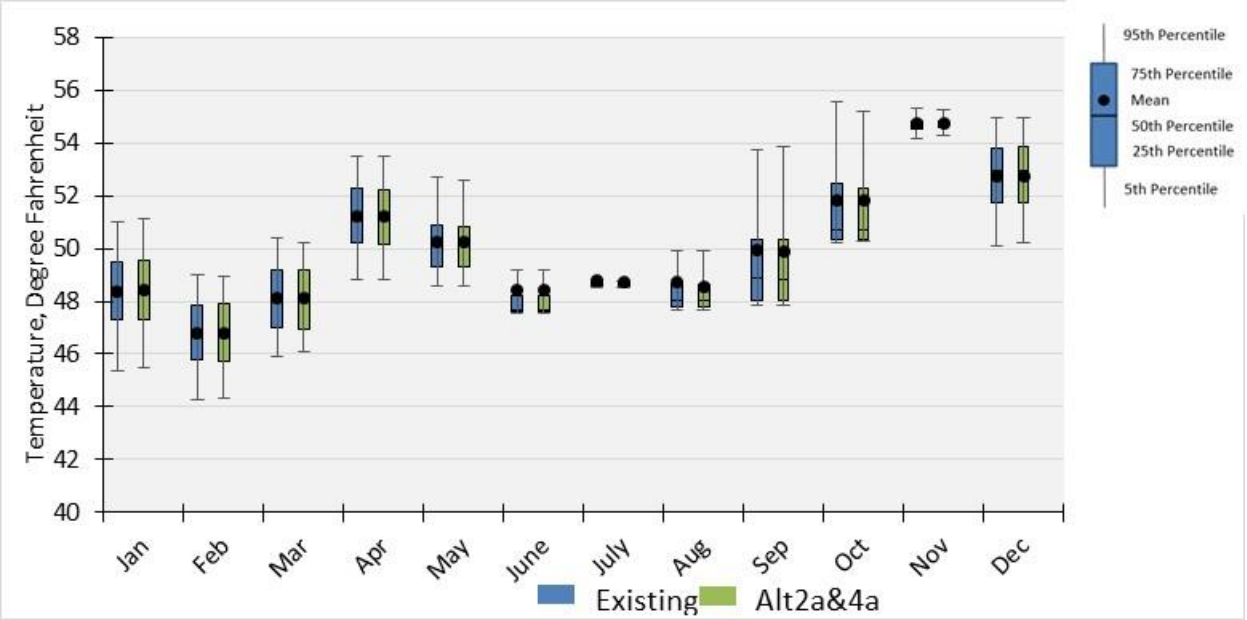


Figure 5A-D1.15.21. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

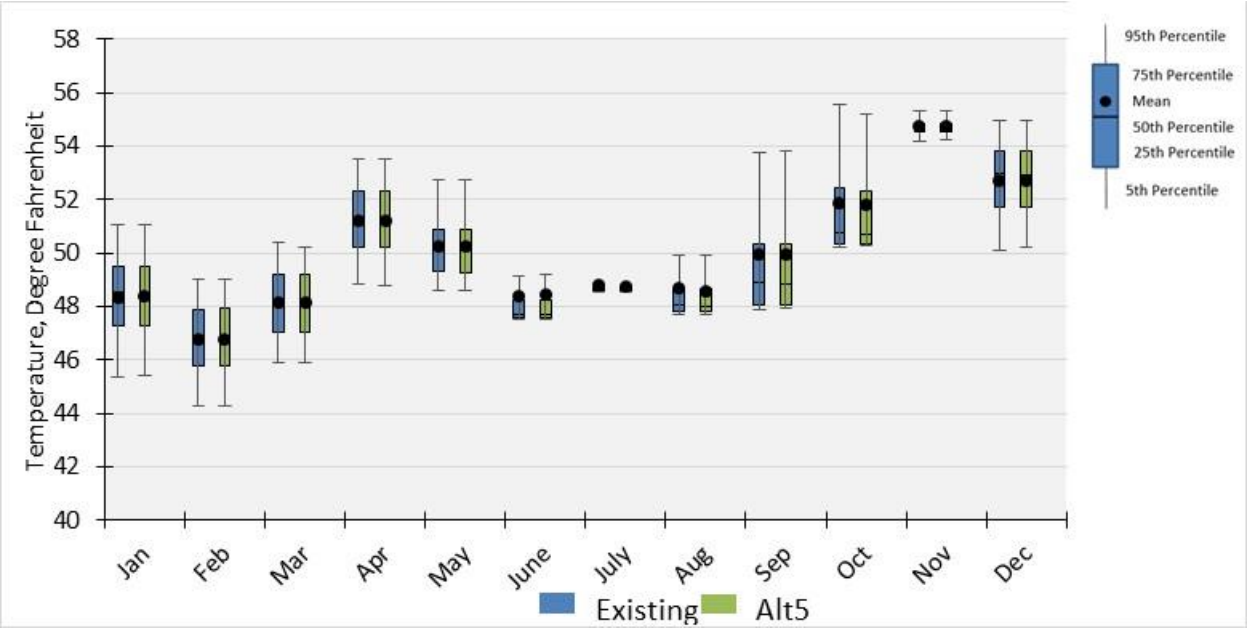
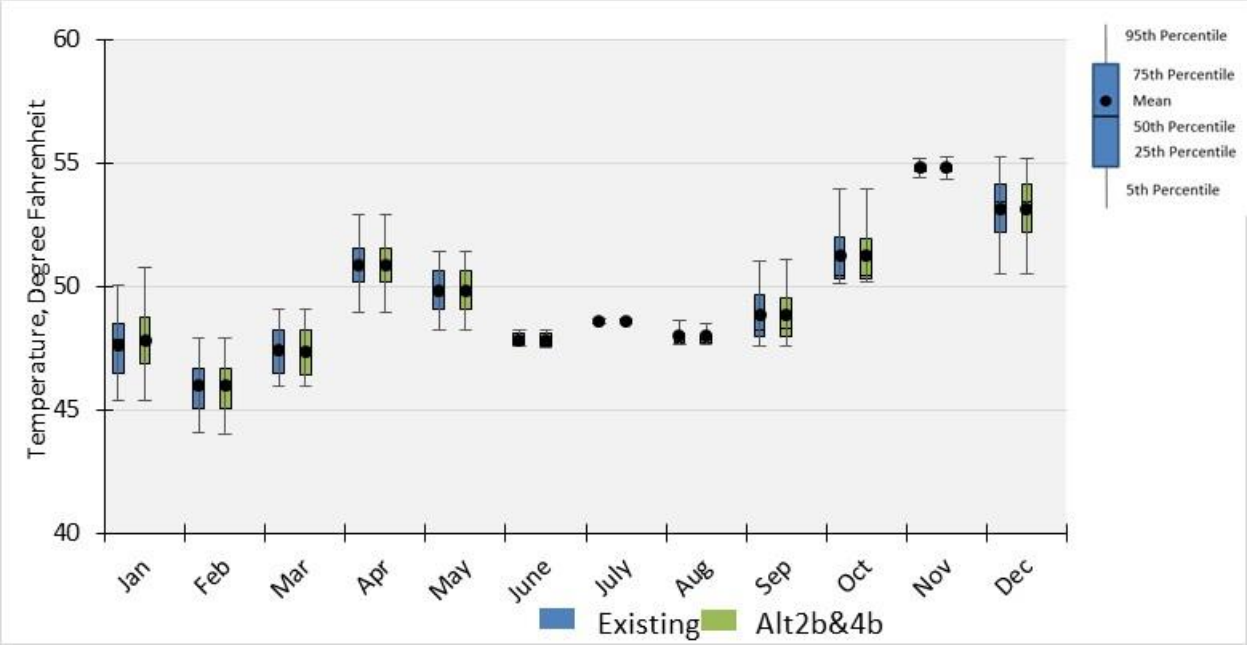


Figure 5A-D1.15.22. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



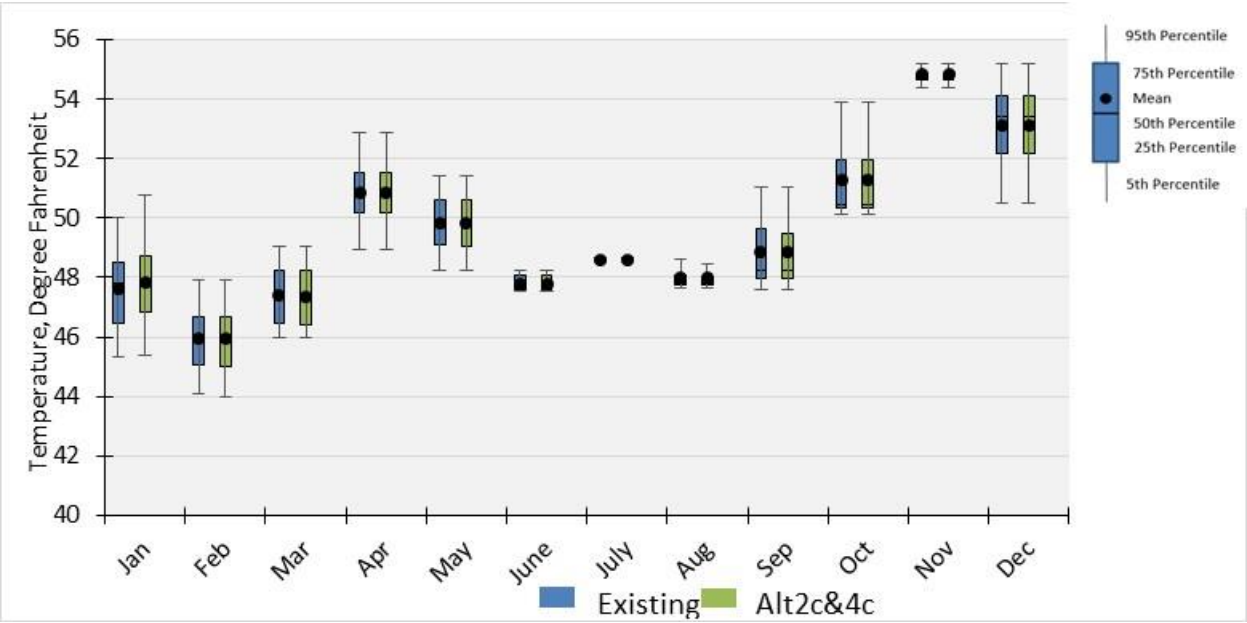
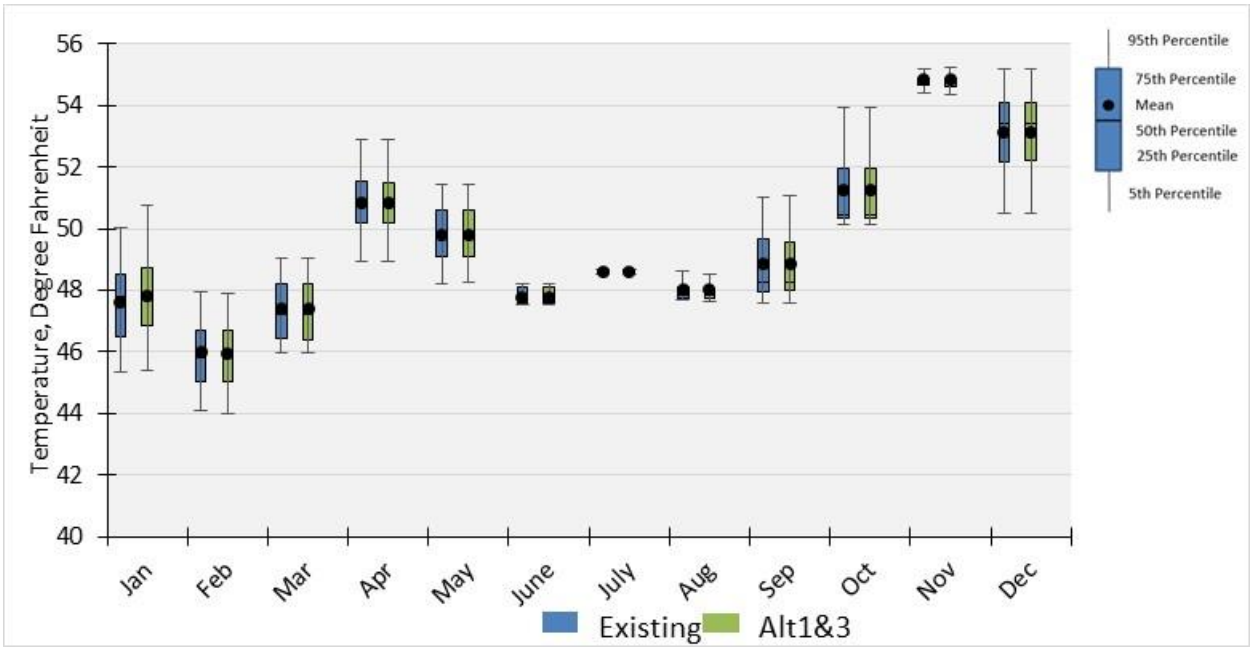


Figure 5A-D1.15.23. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



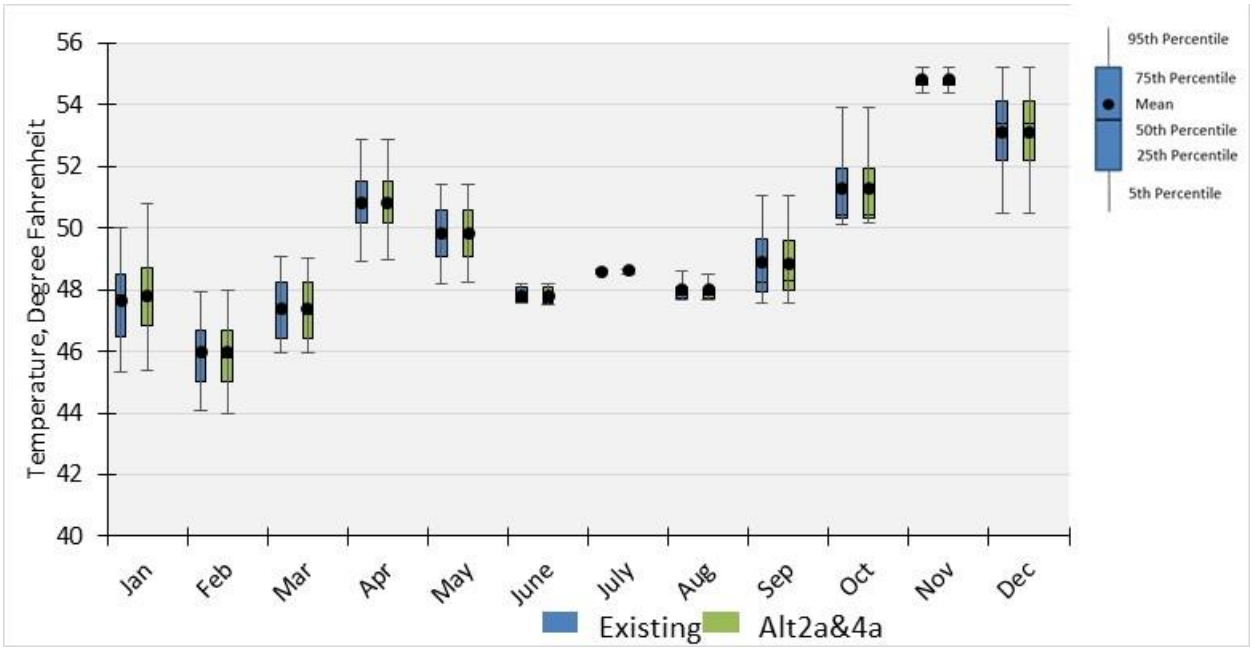


Figure 5A-D1.15.24. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

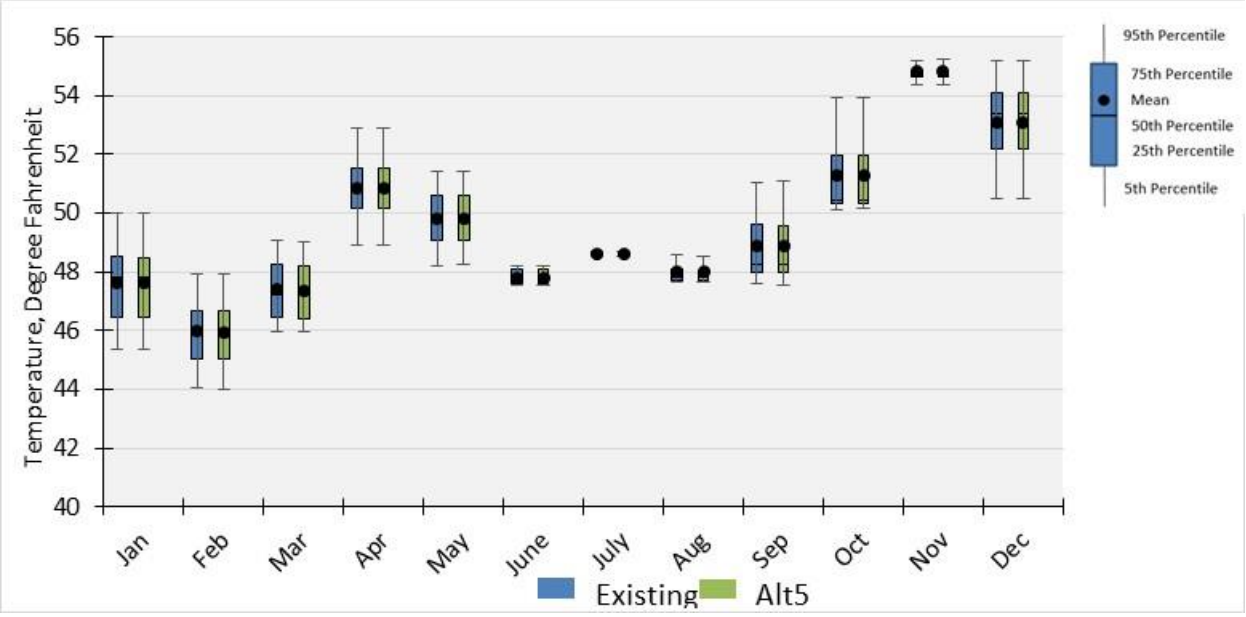
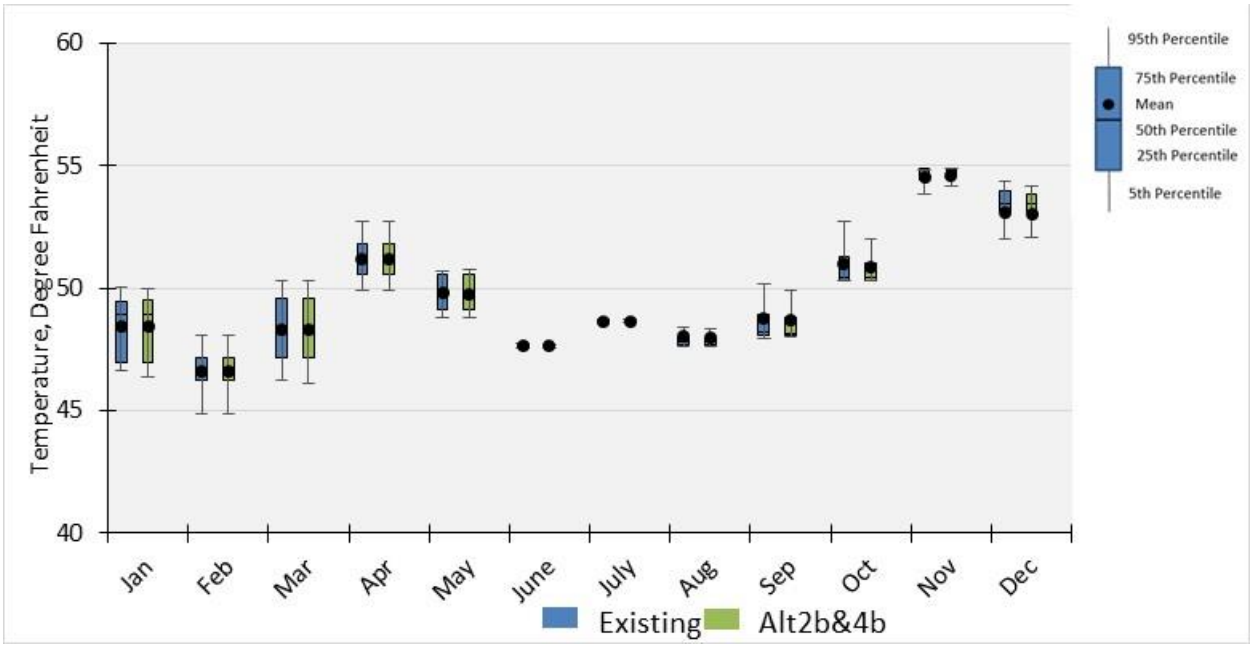


Figure 5A-D1.15.25. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



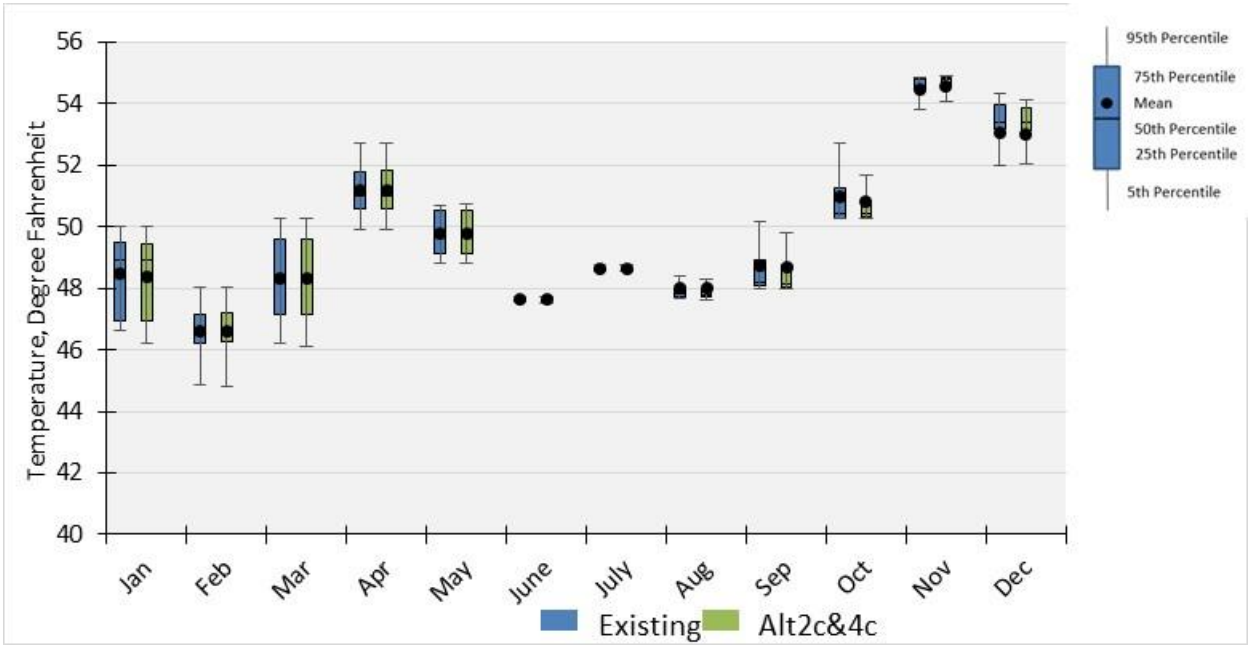
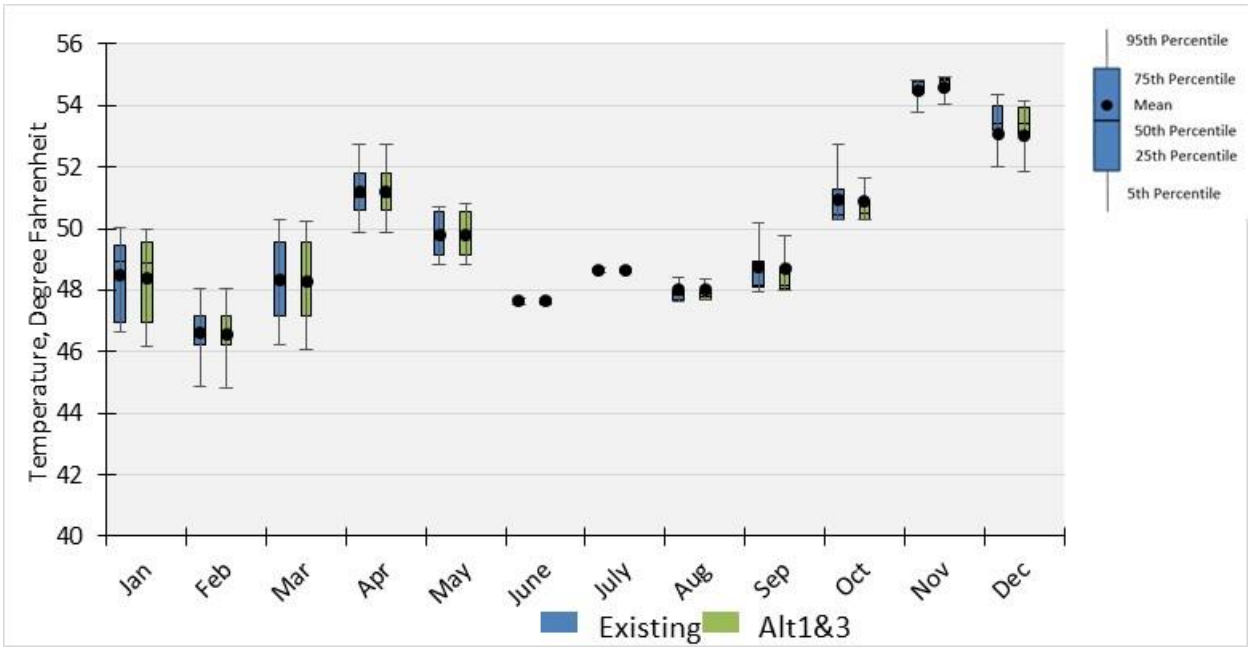


Figure 5A-D1.15.26. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



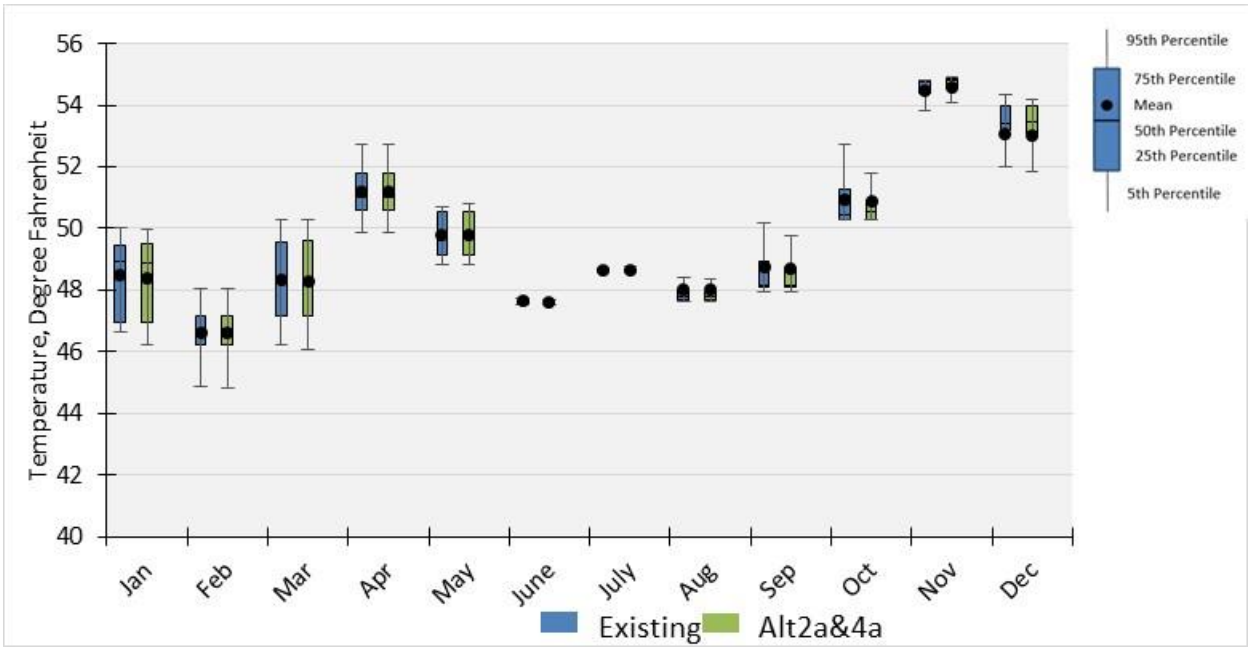


Figure 5A-D1.15.27. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

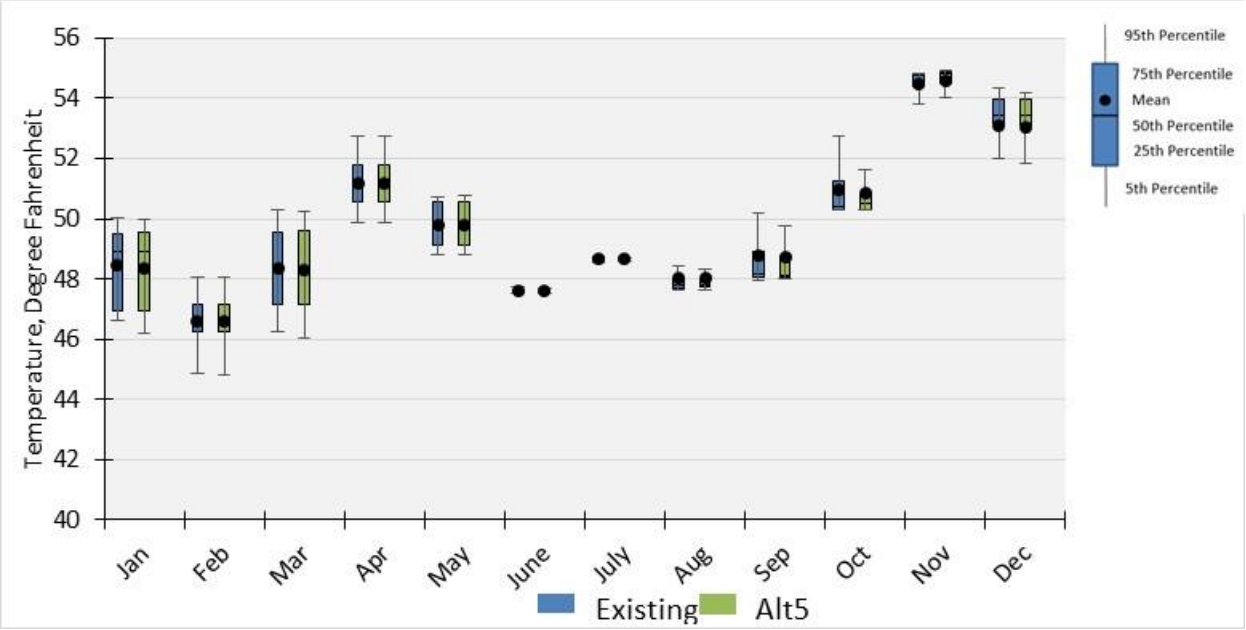
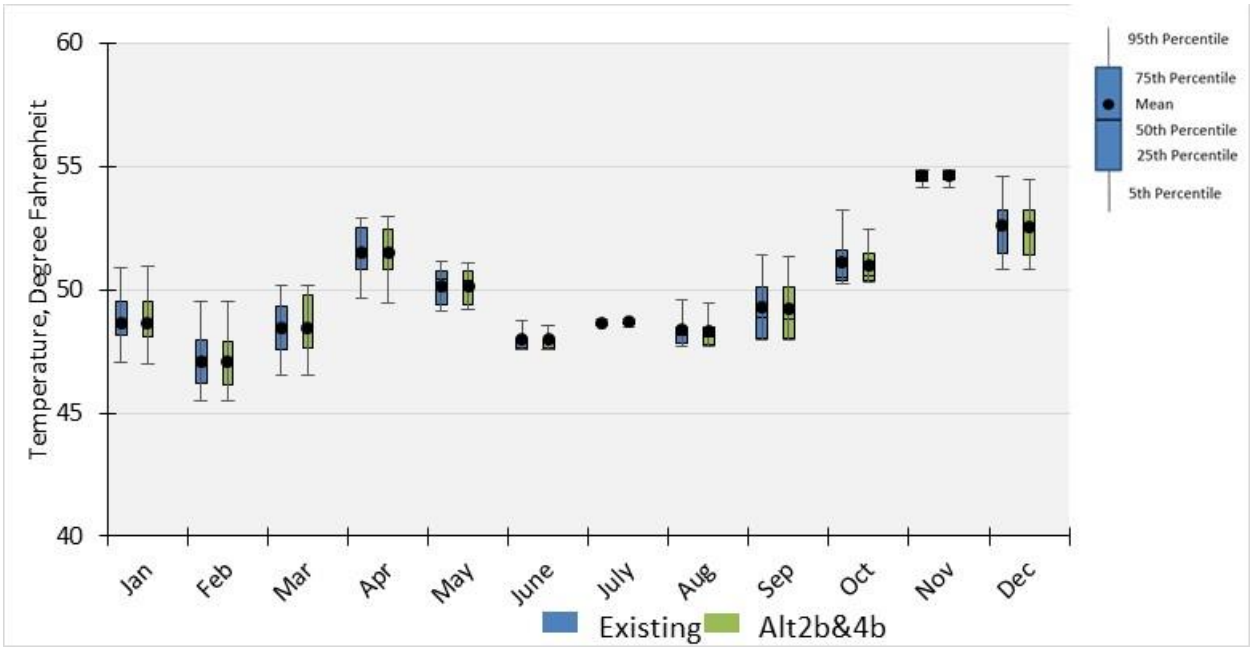


Figure 5A-D1.15.28. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



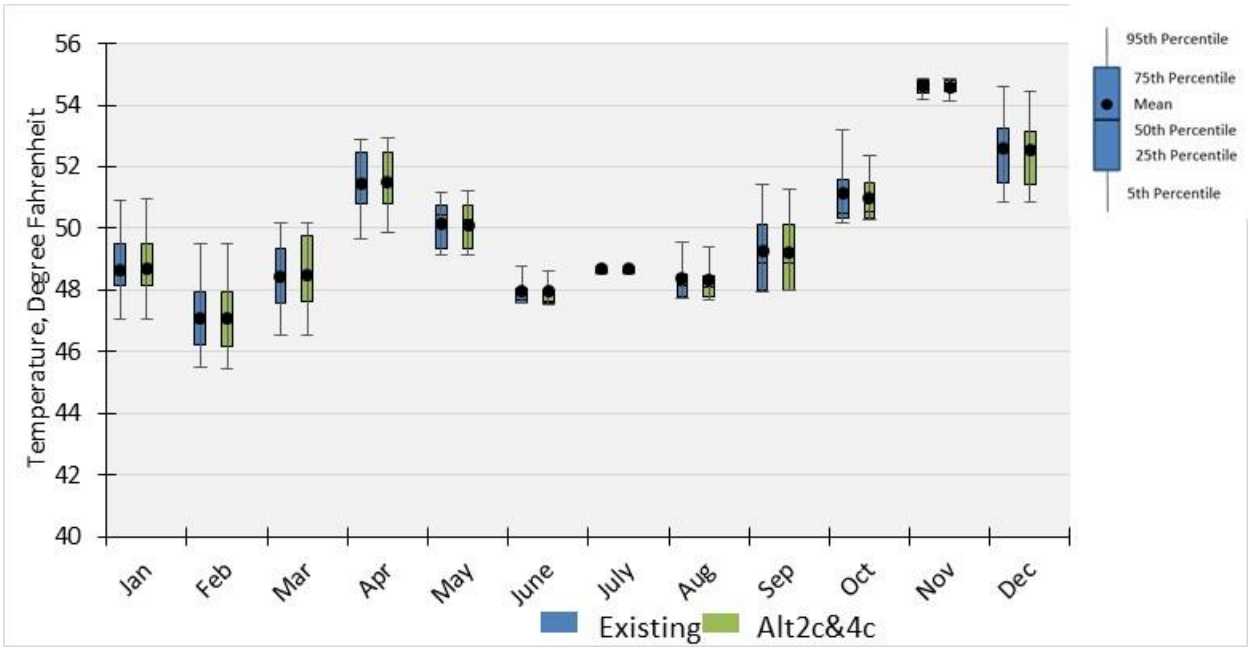
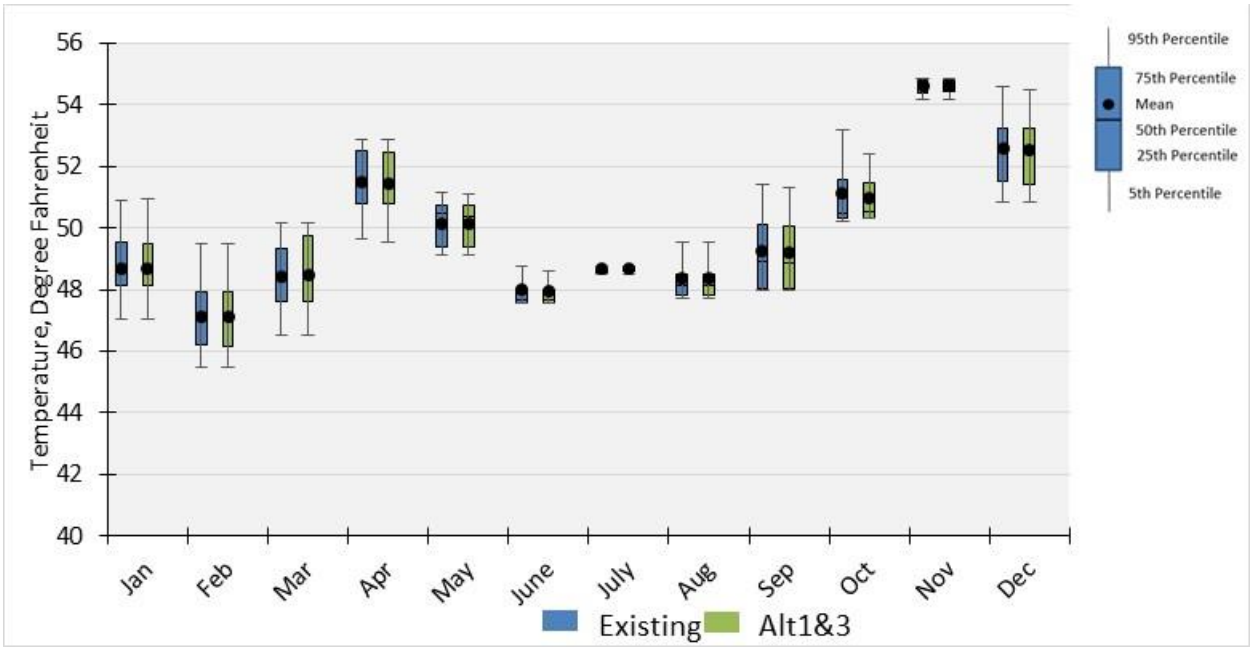


Figure 5A-D1.15.29. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



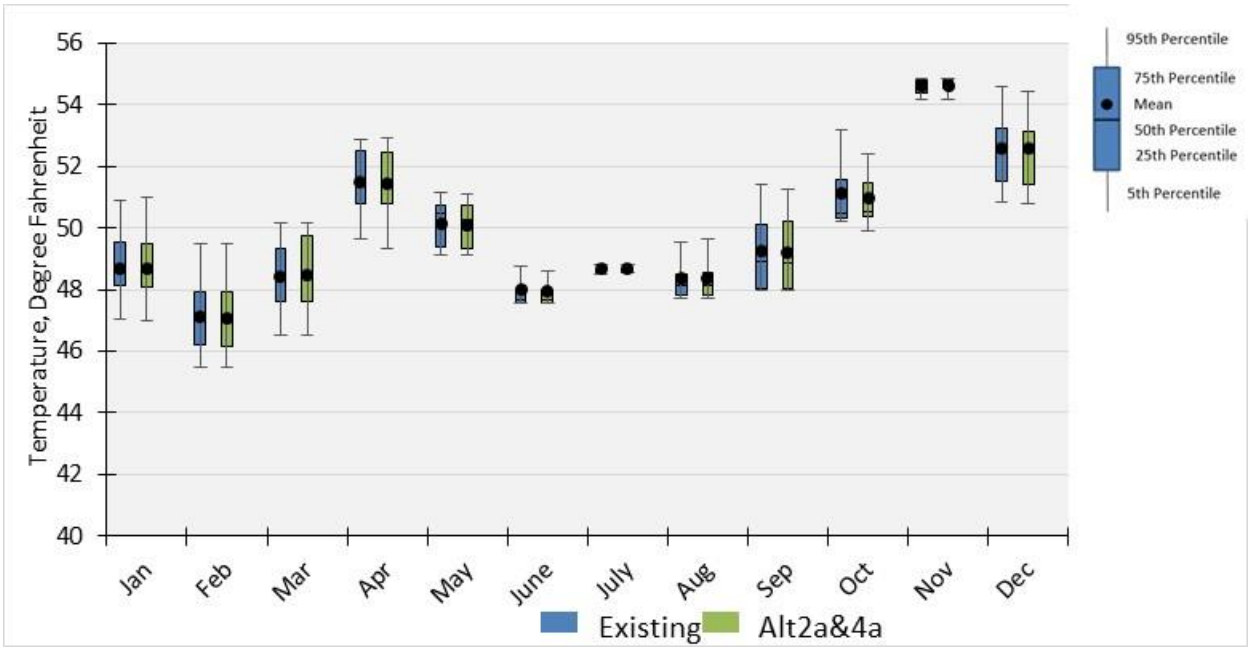


Figure 5A-D1.15.30. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

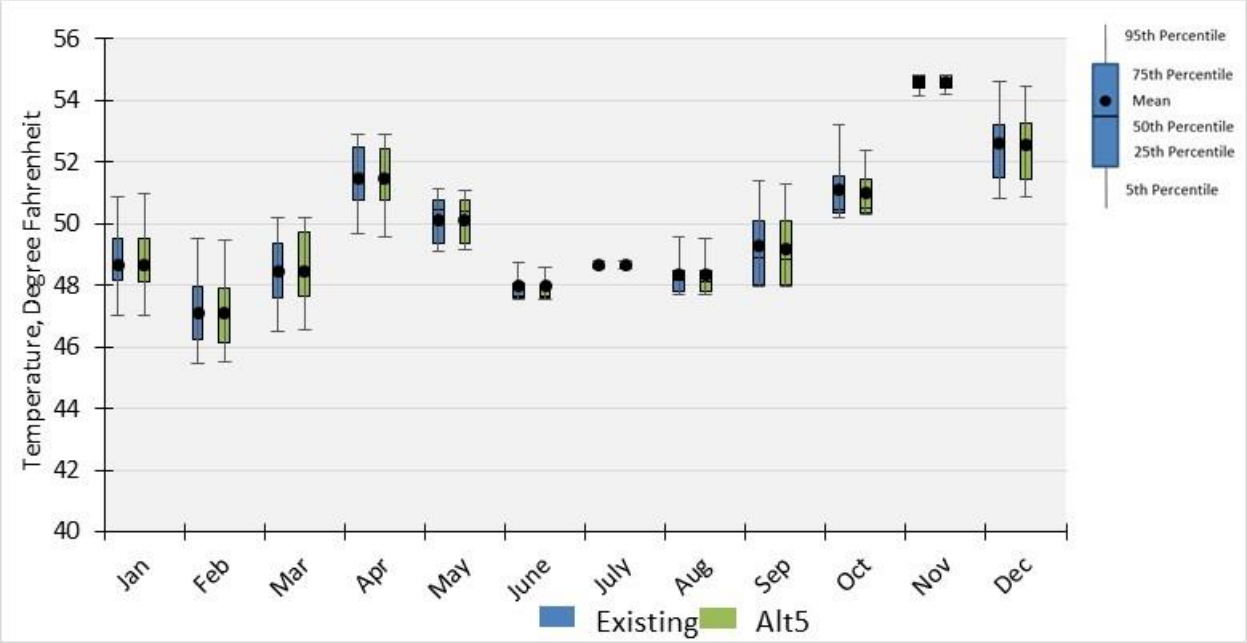
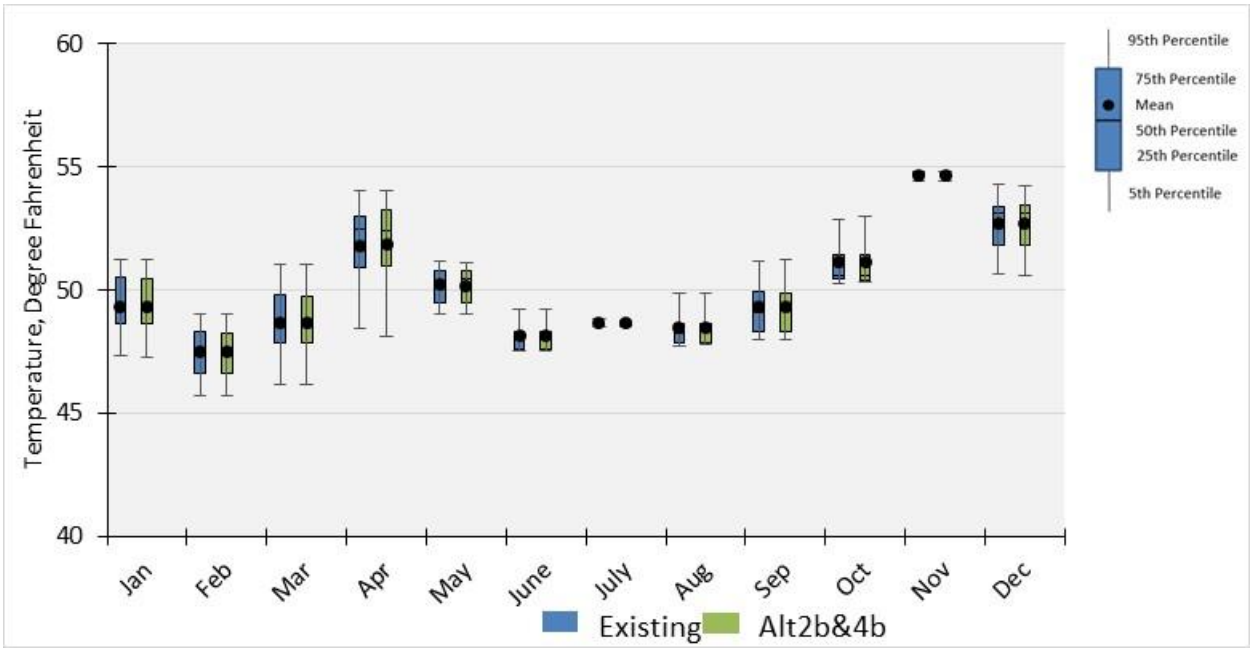


Figure 5A-D1.15.31. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



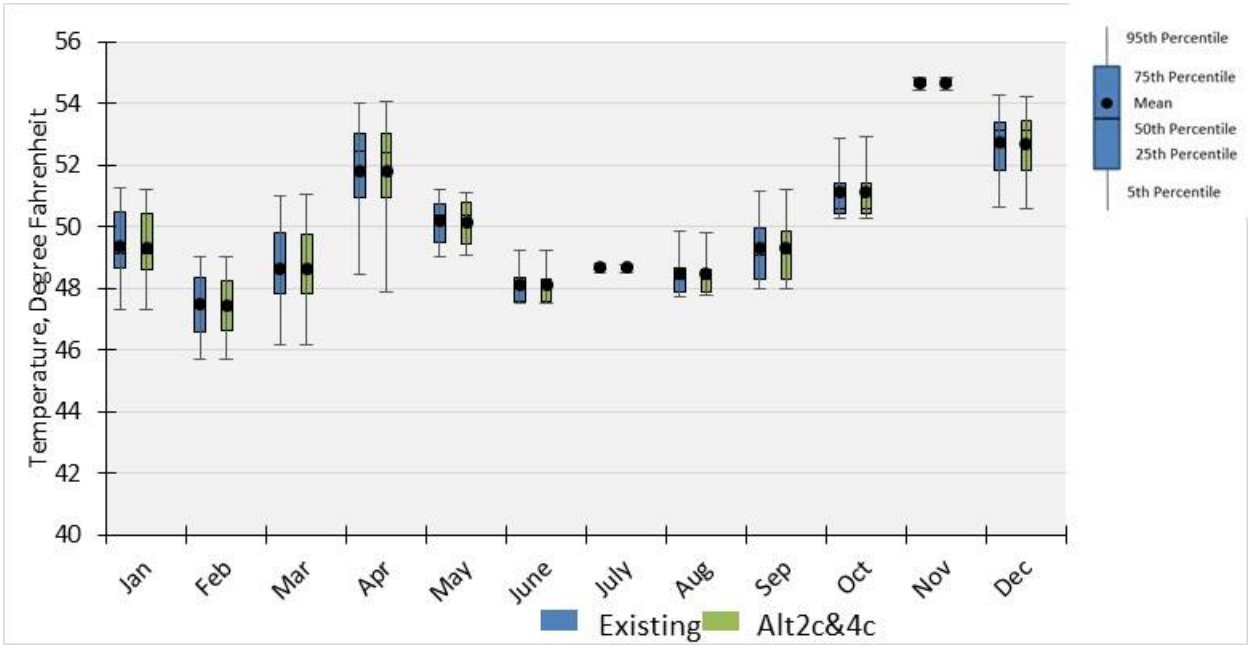
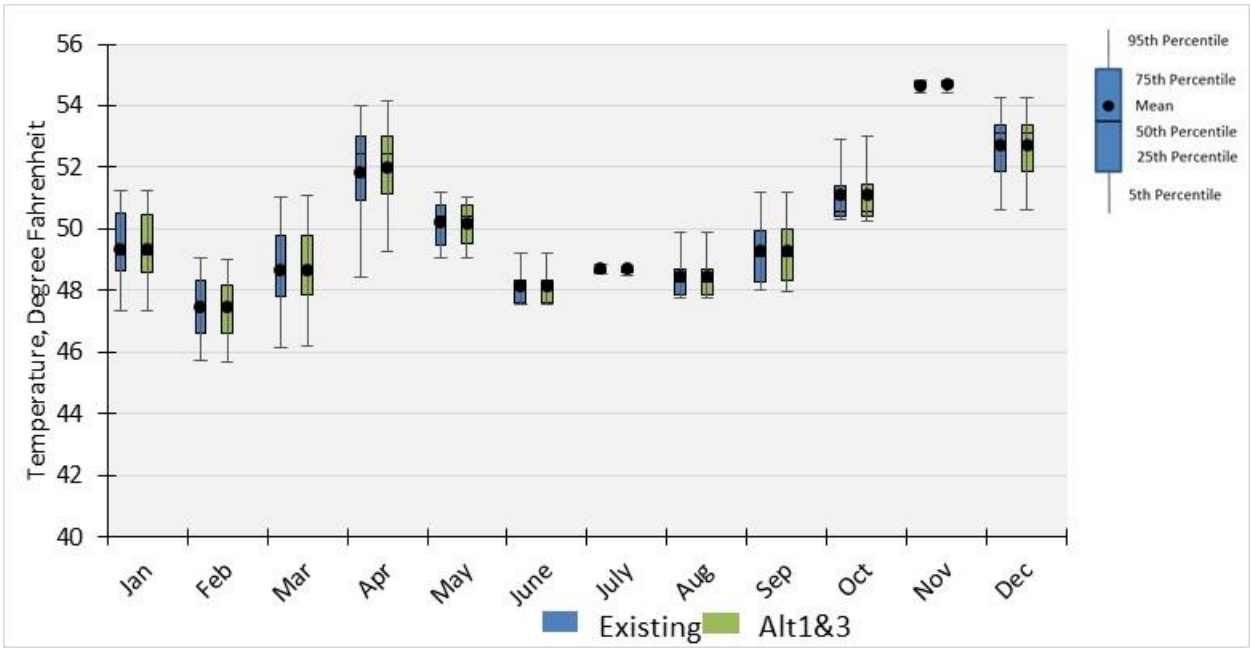


Figure 5A-D1.15.32. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



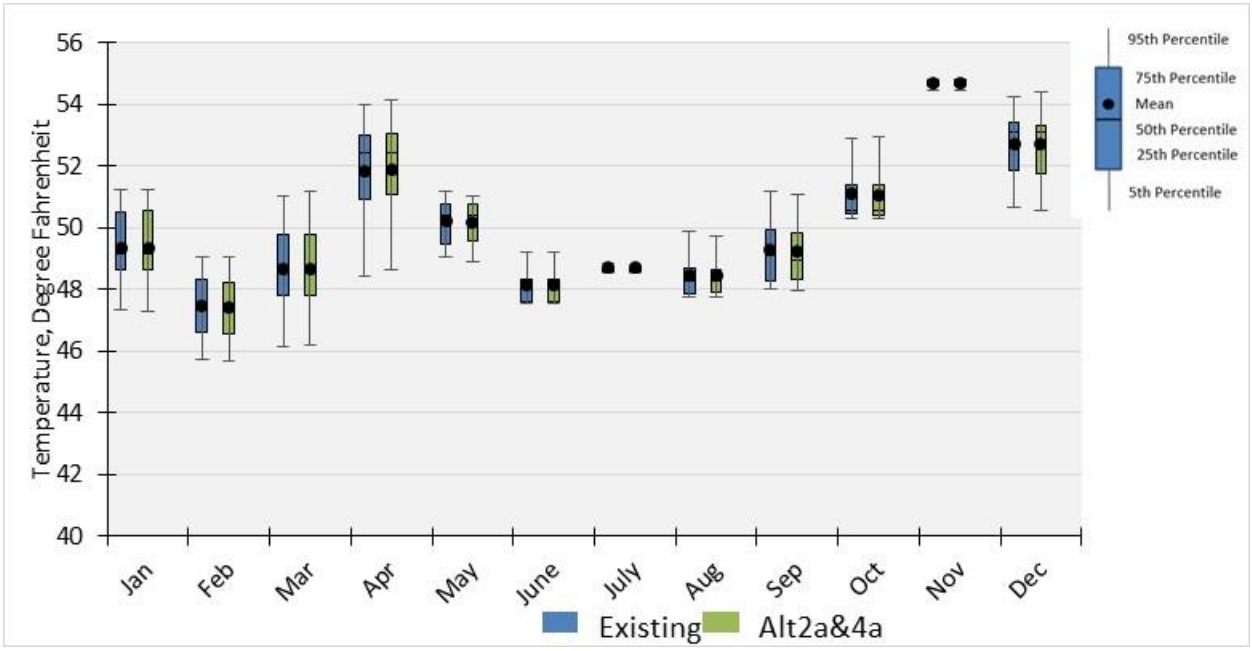


Figure 5A-D1.15.33. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

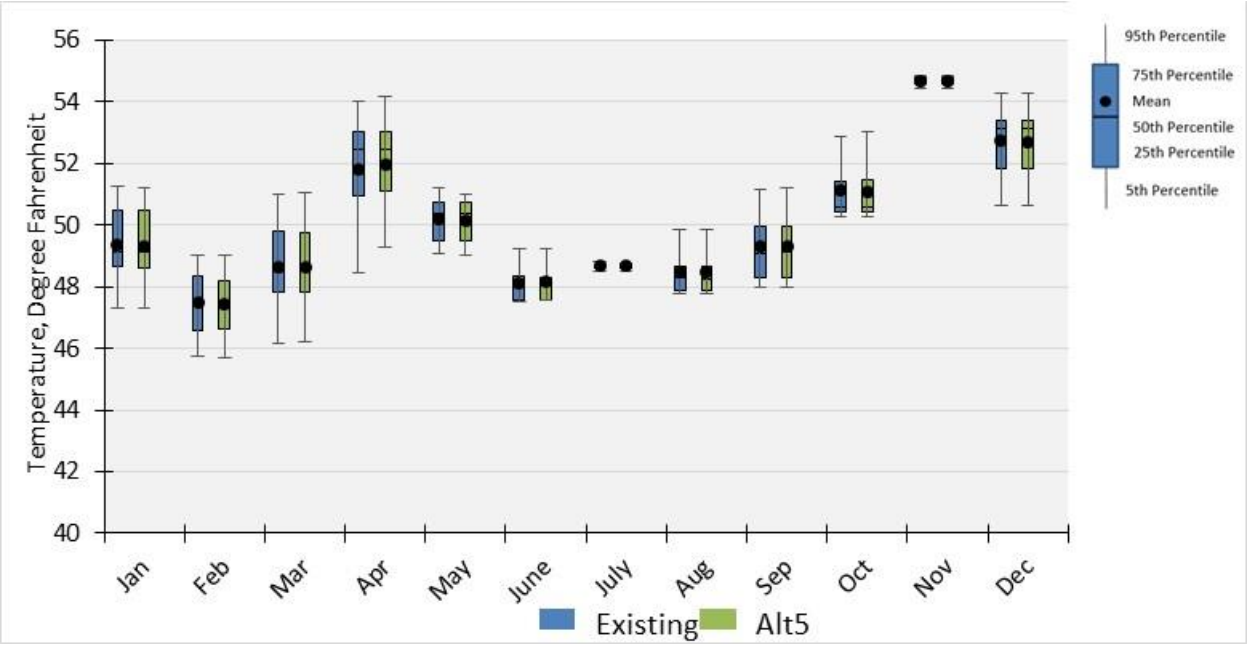
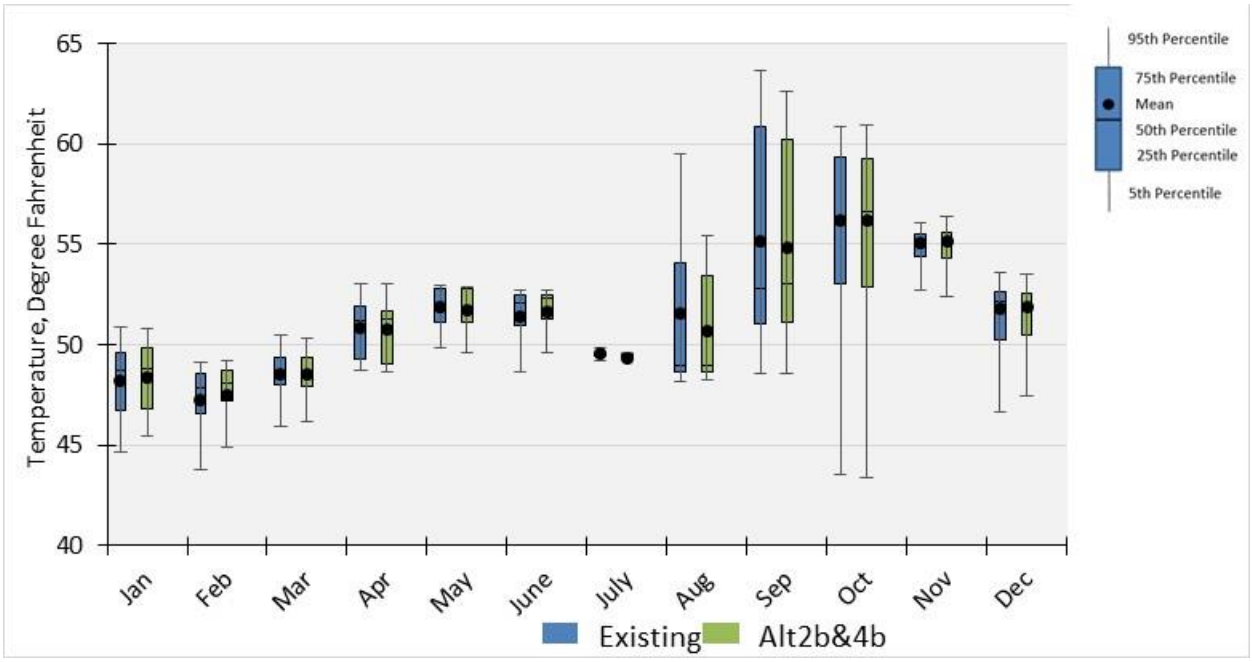


Figure 5A-D1.15.34. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



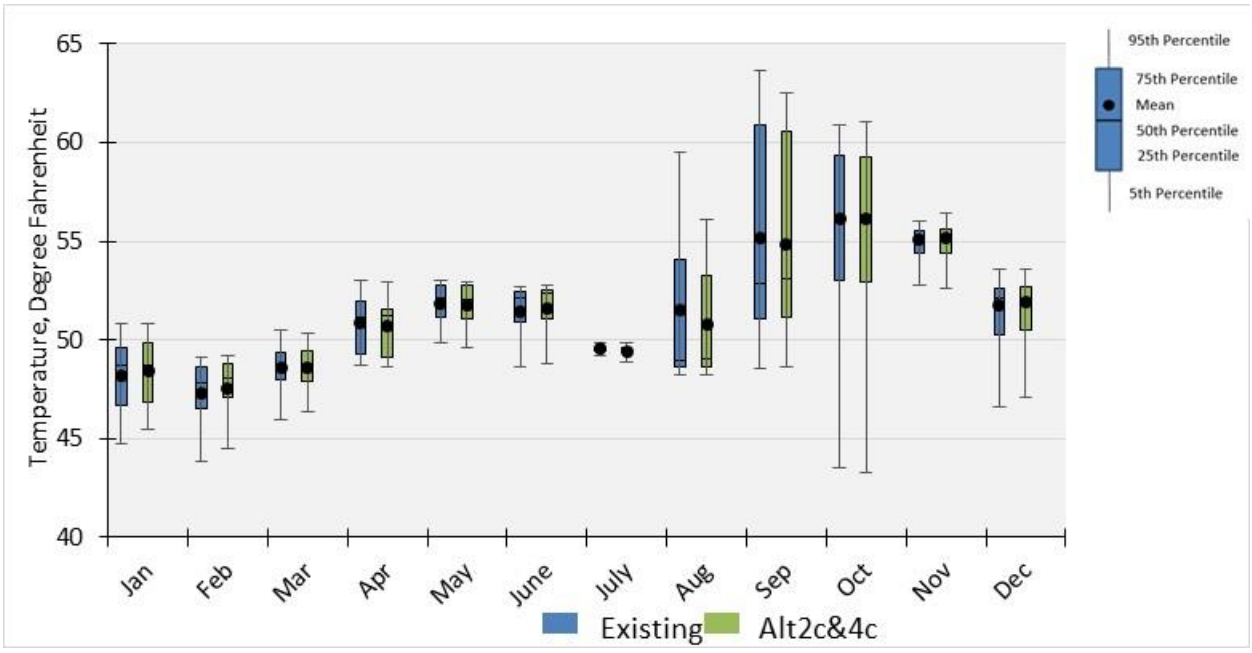
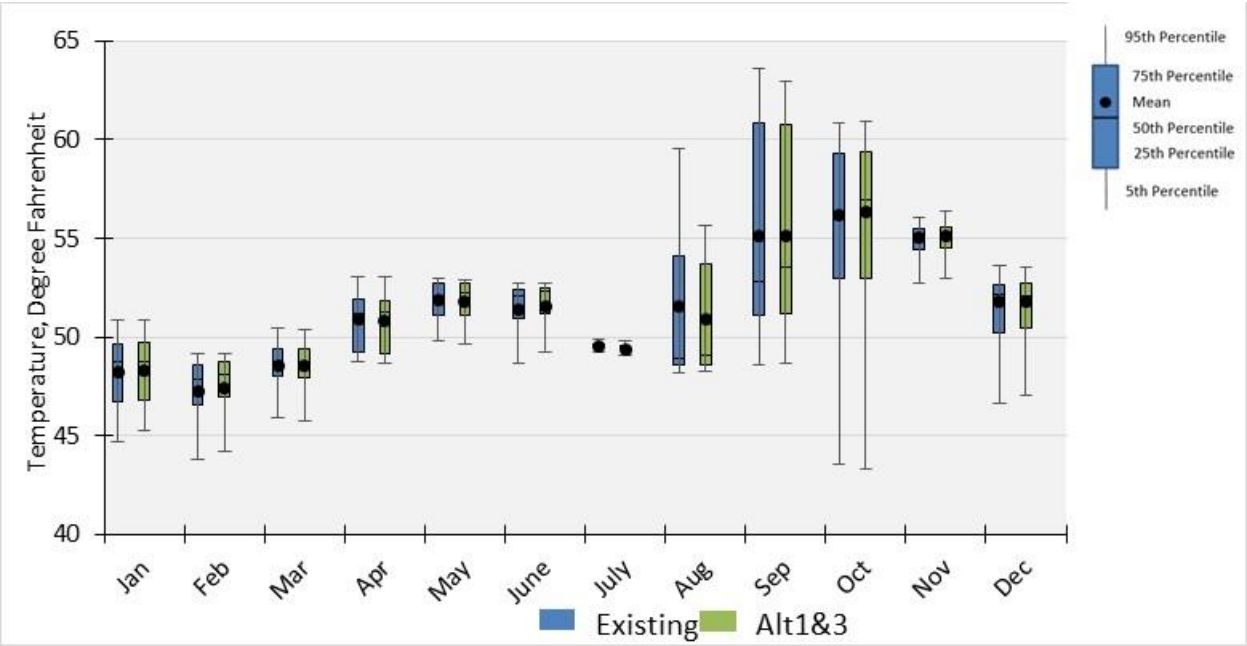


Figure 5A-D1.15.35. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



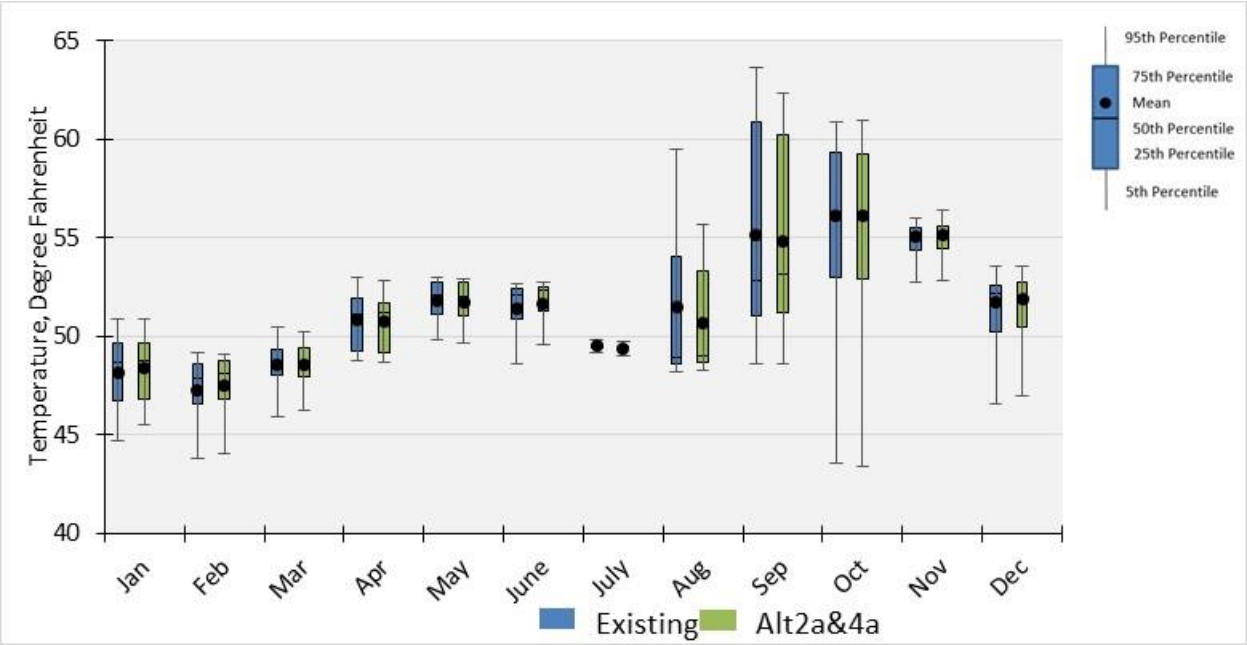


Figure 5A-D1.15.36. Sacramento River Below Shasta, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

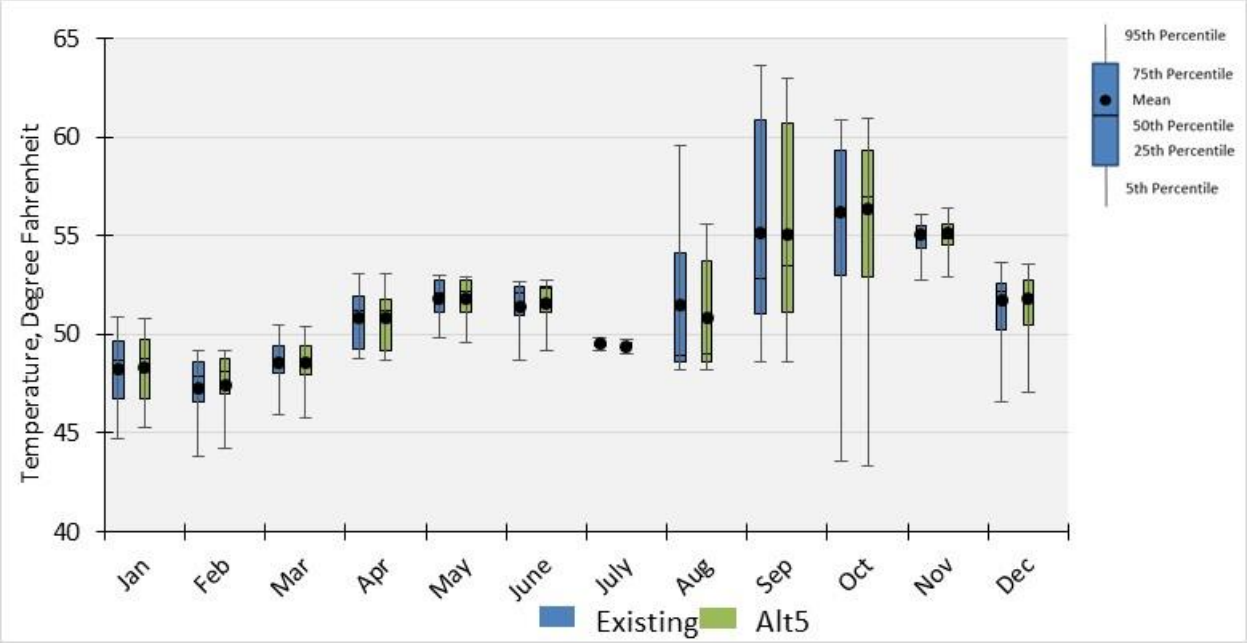
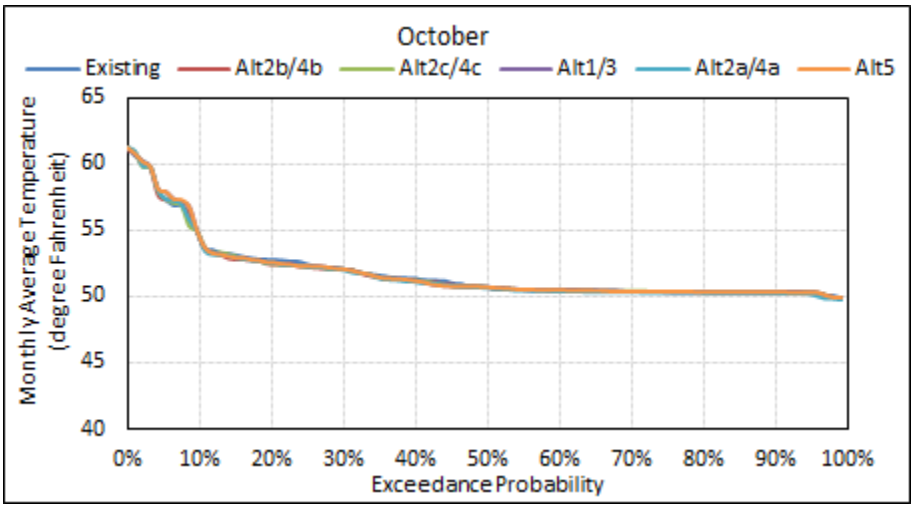
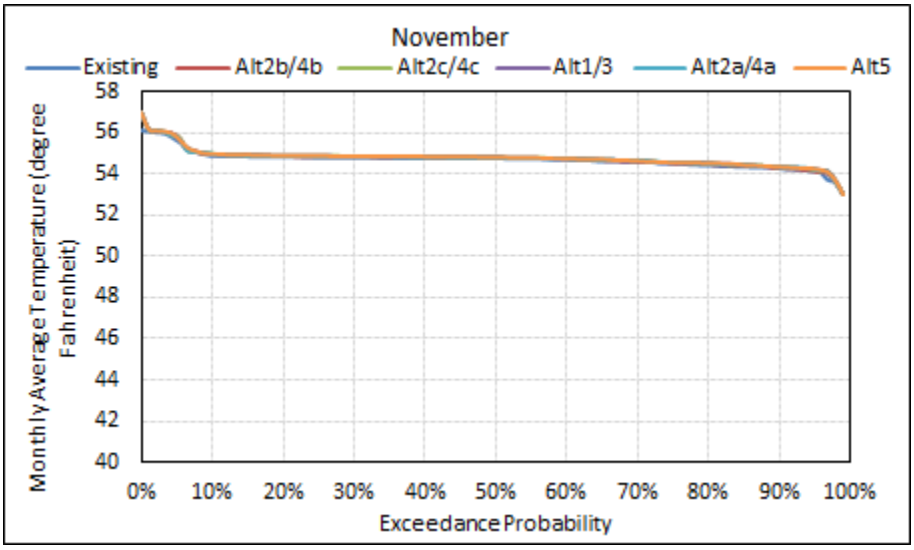


Figure 5A-D1.15.37-A. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





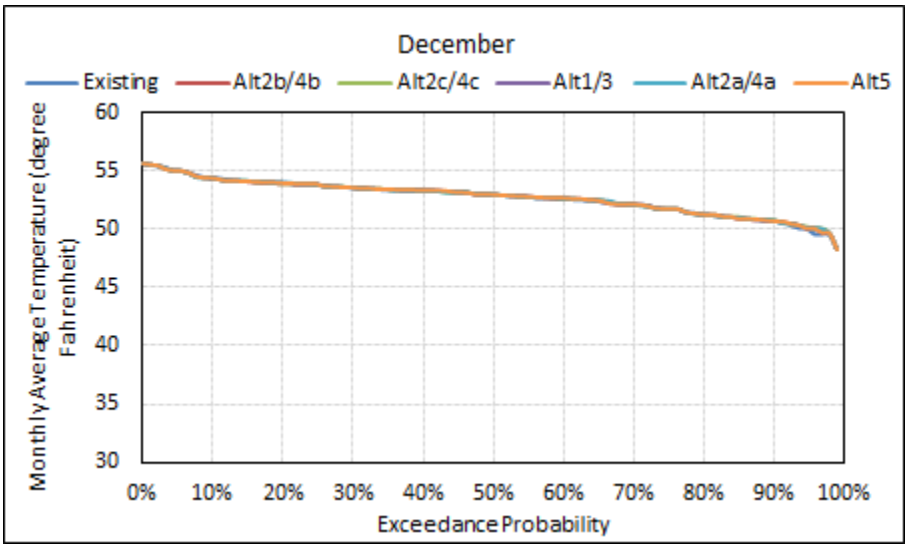
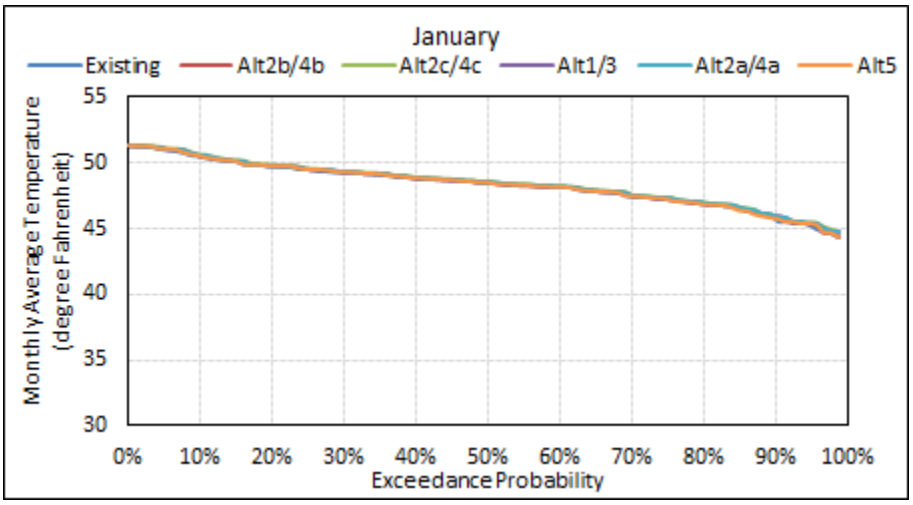
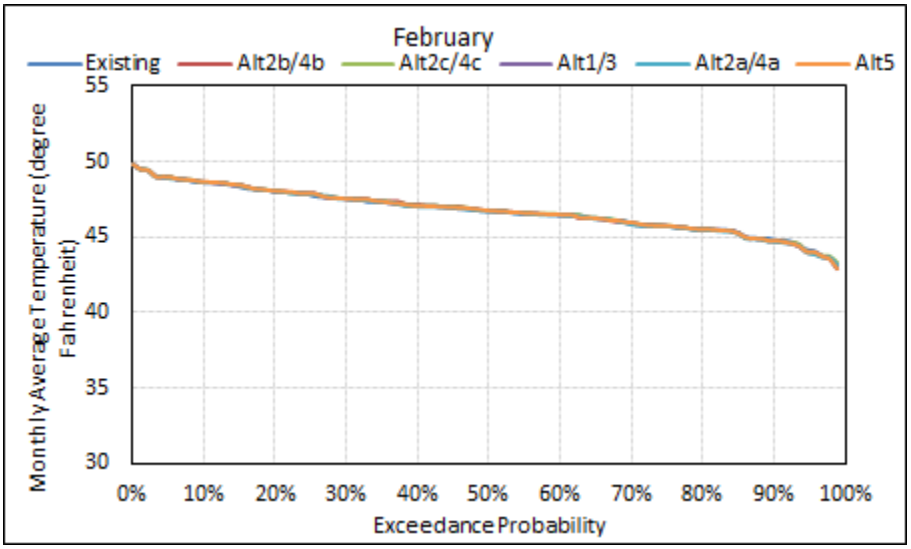


Figure 5A-D1.15.37-B. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





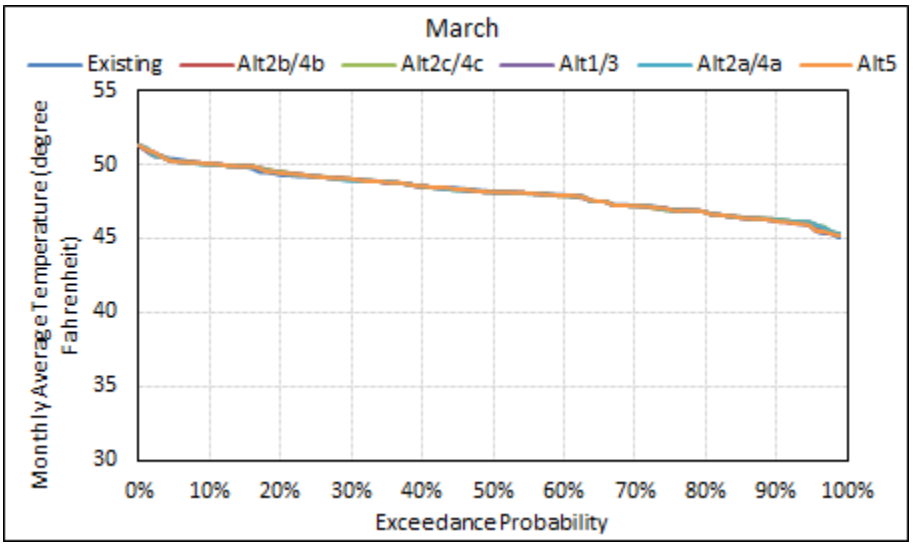
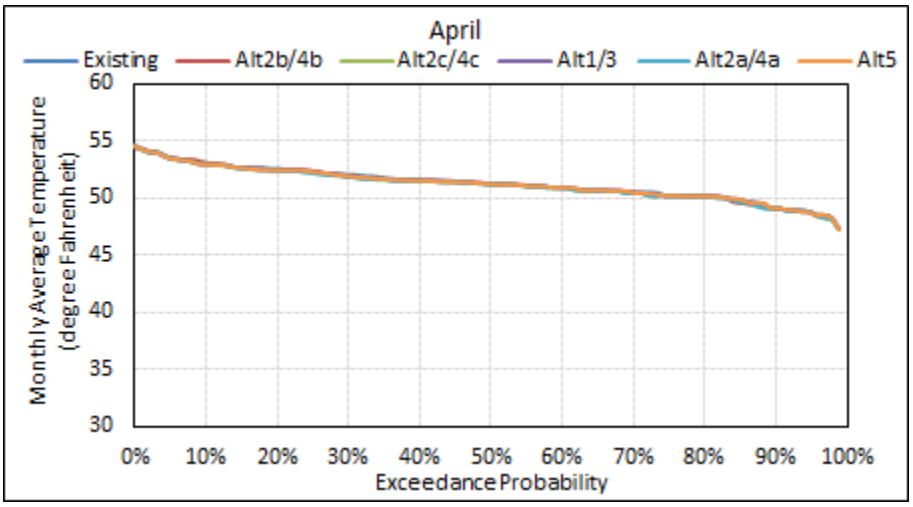
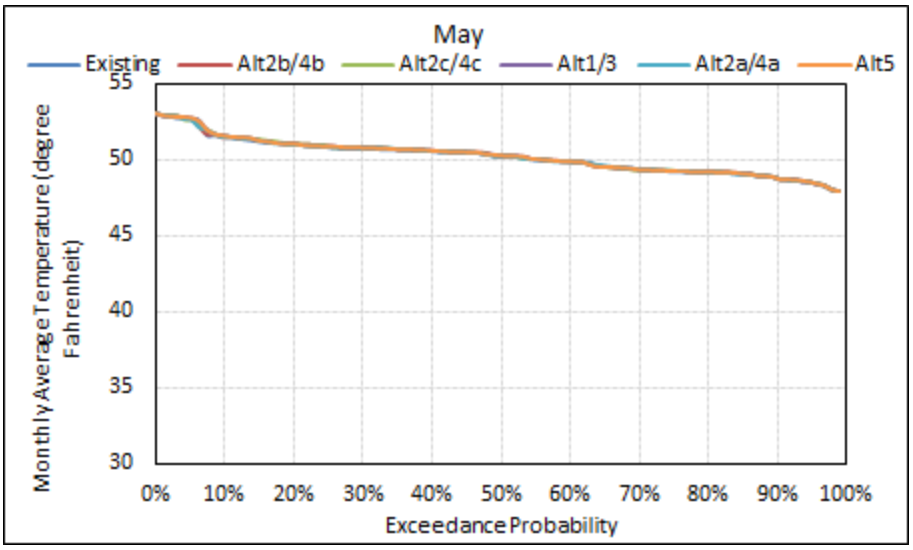


Figure 5A-D1.15.37-C. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





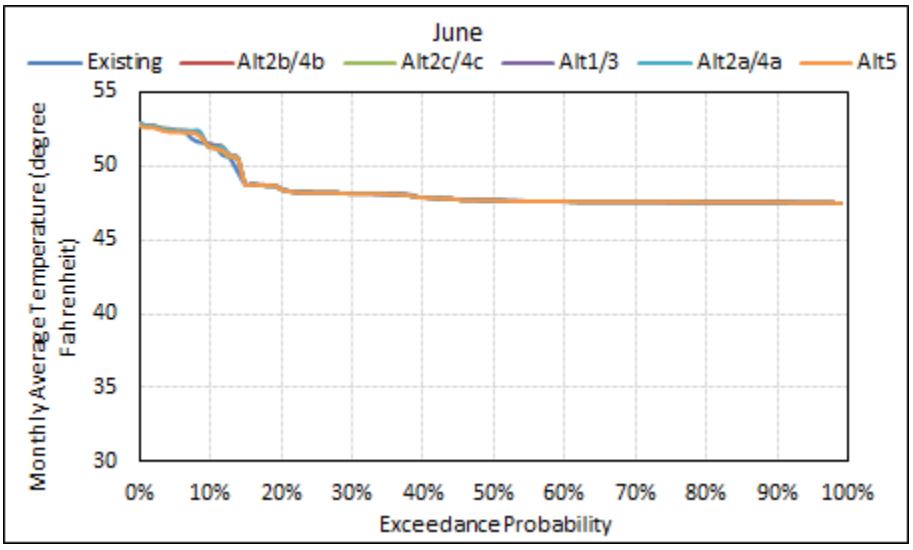
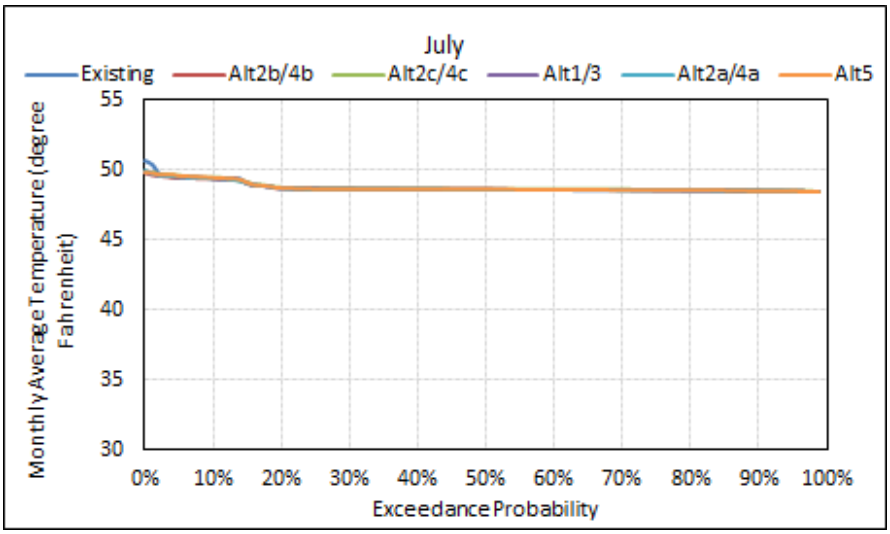
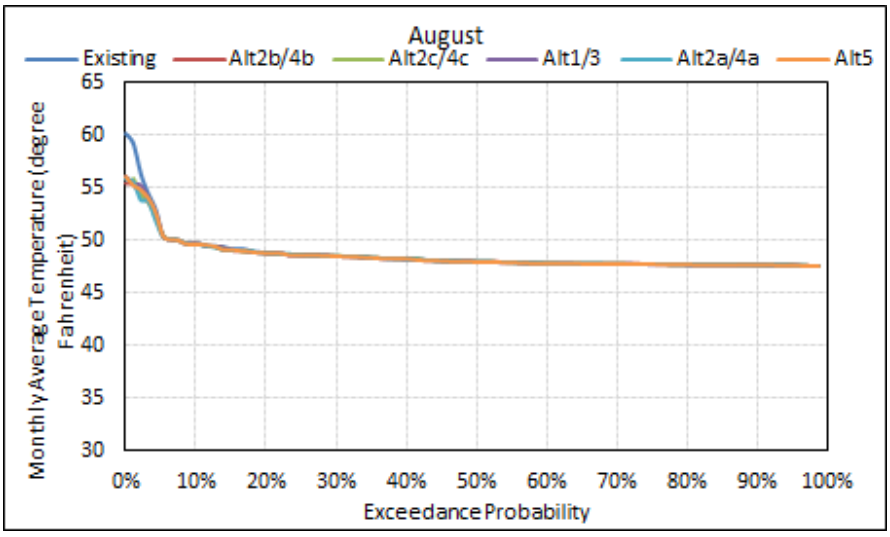


Figure 5A-D1.15.37-D. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





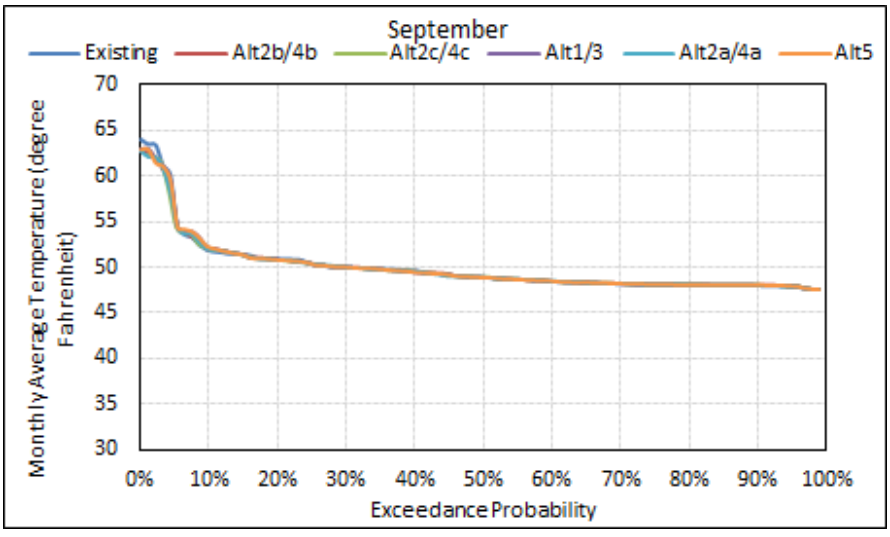


Figure 5A-D1.15.38. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

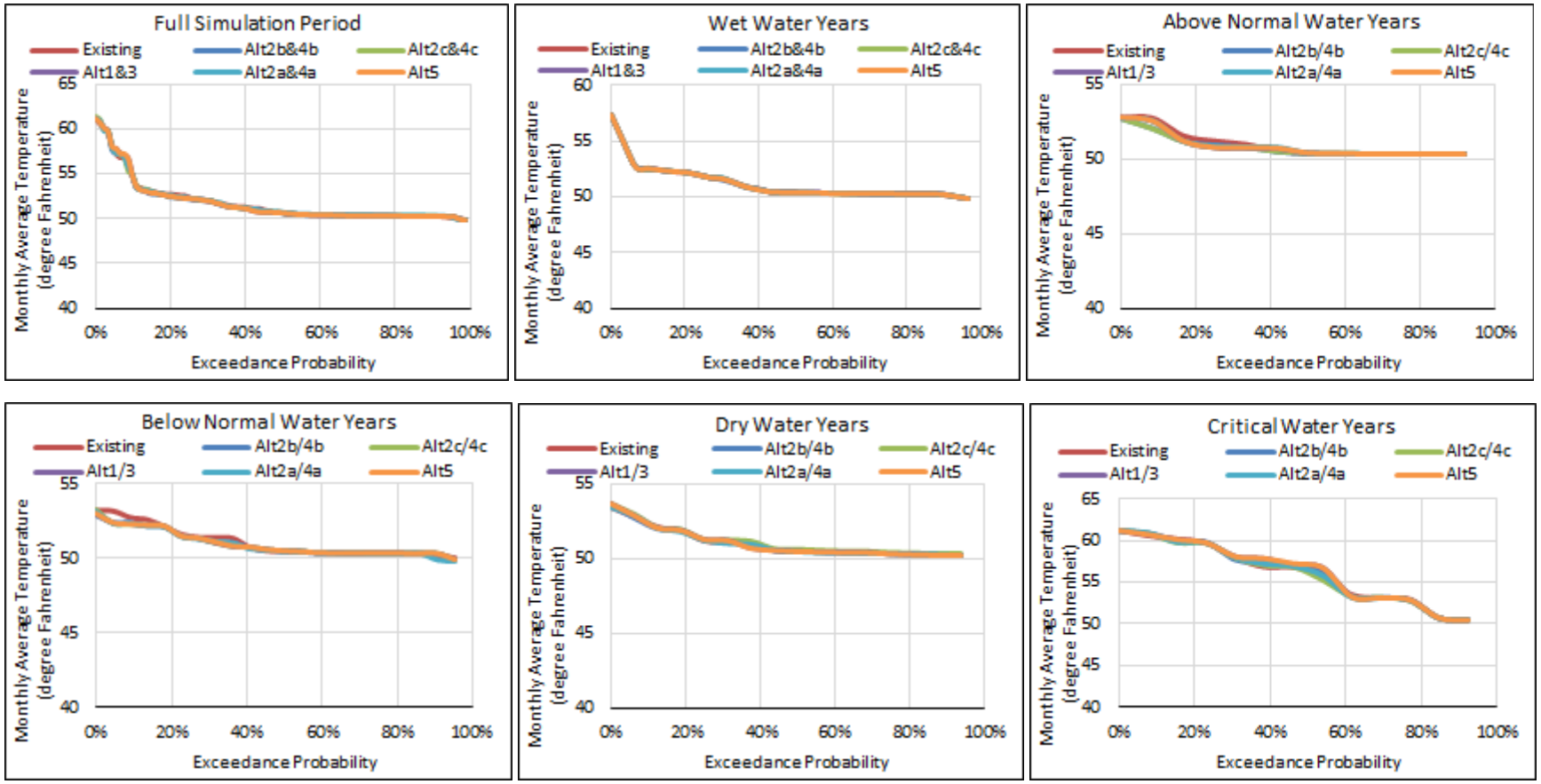


Figure 5A-D1.15.39. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

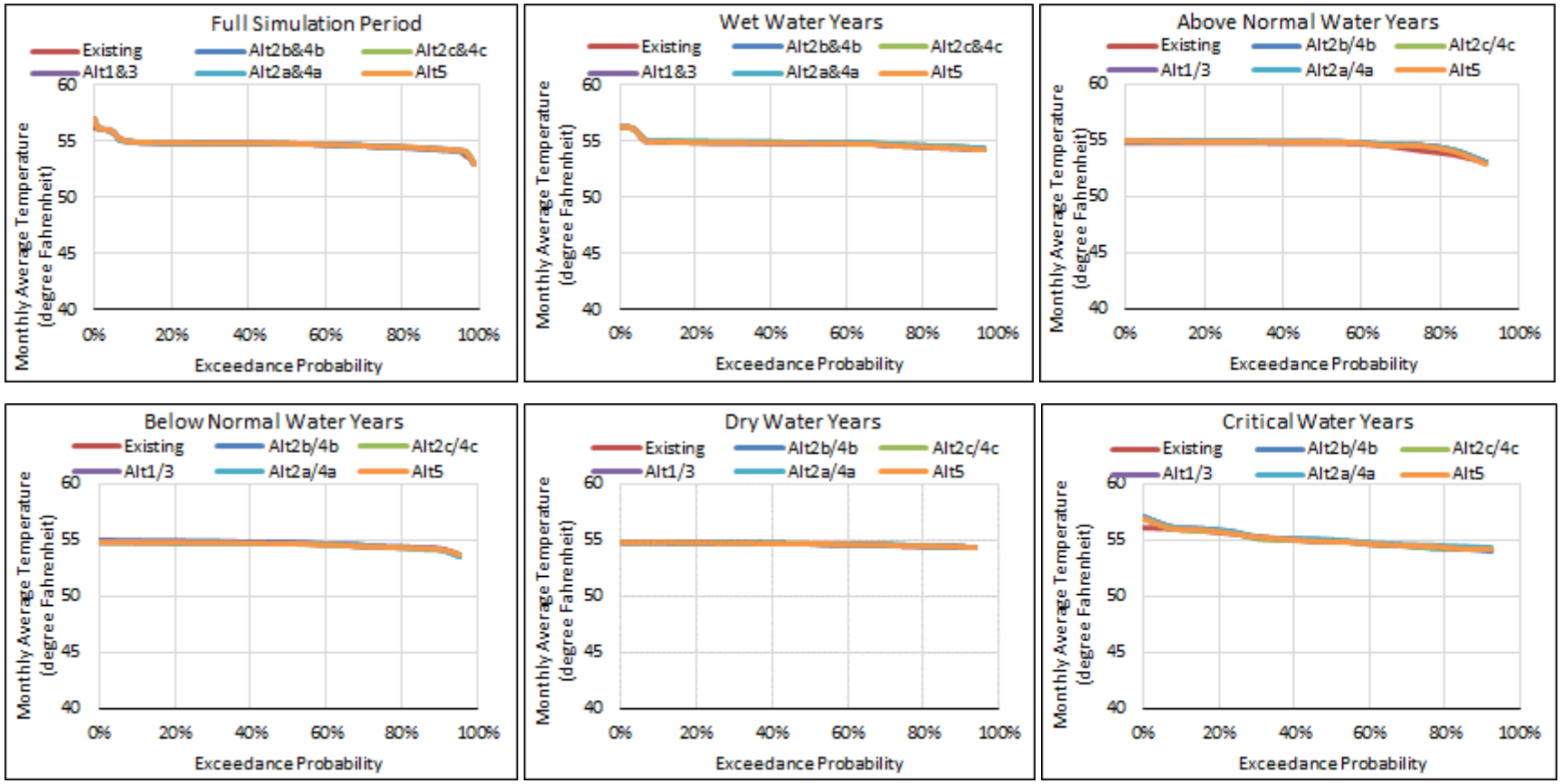


Figure 5A-D1.15.40. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

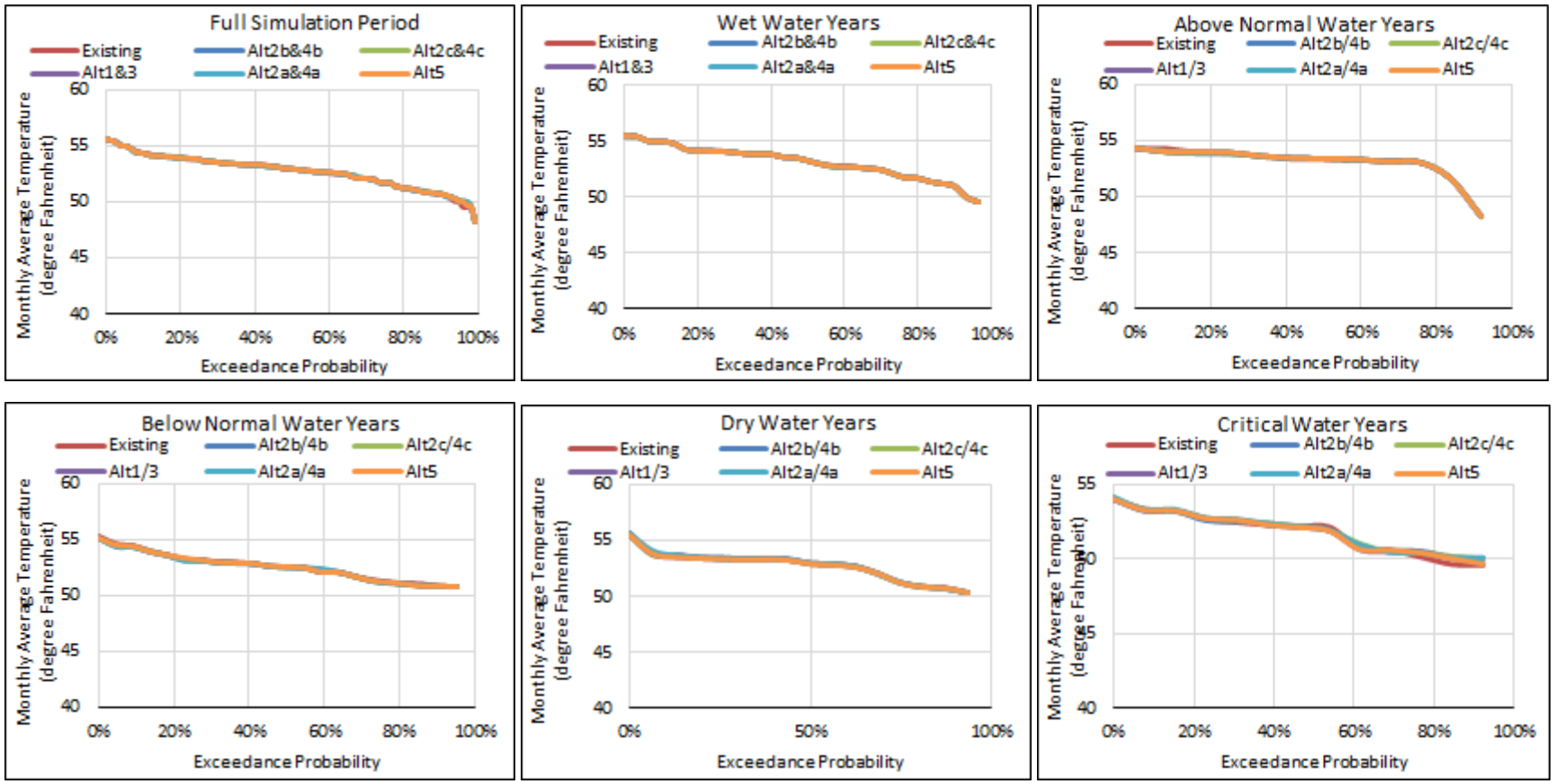


Figure 5A-D1.15.41. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

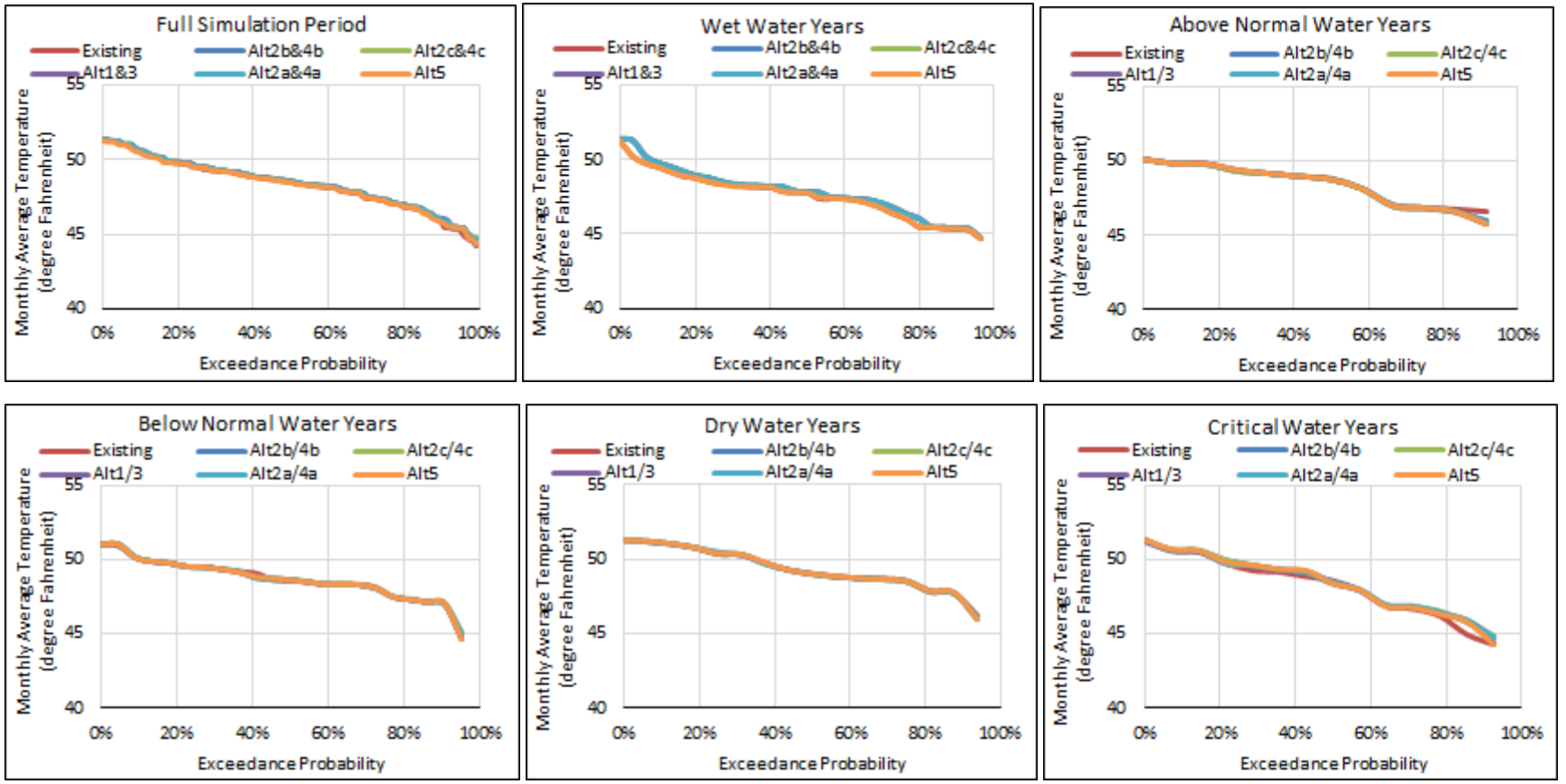


Figure 5A-D1.15.42. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

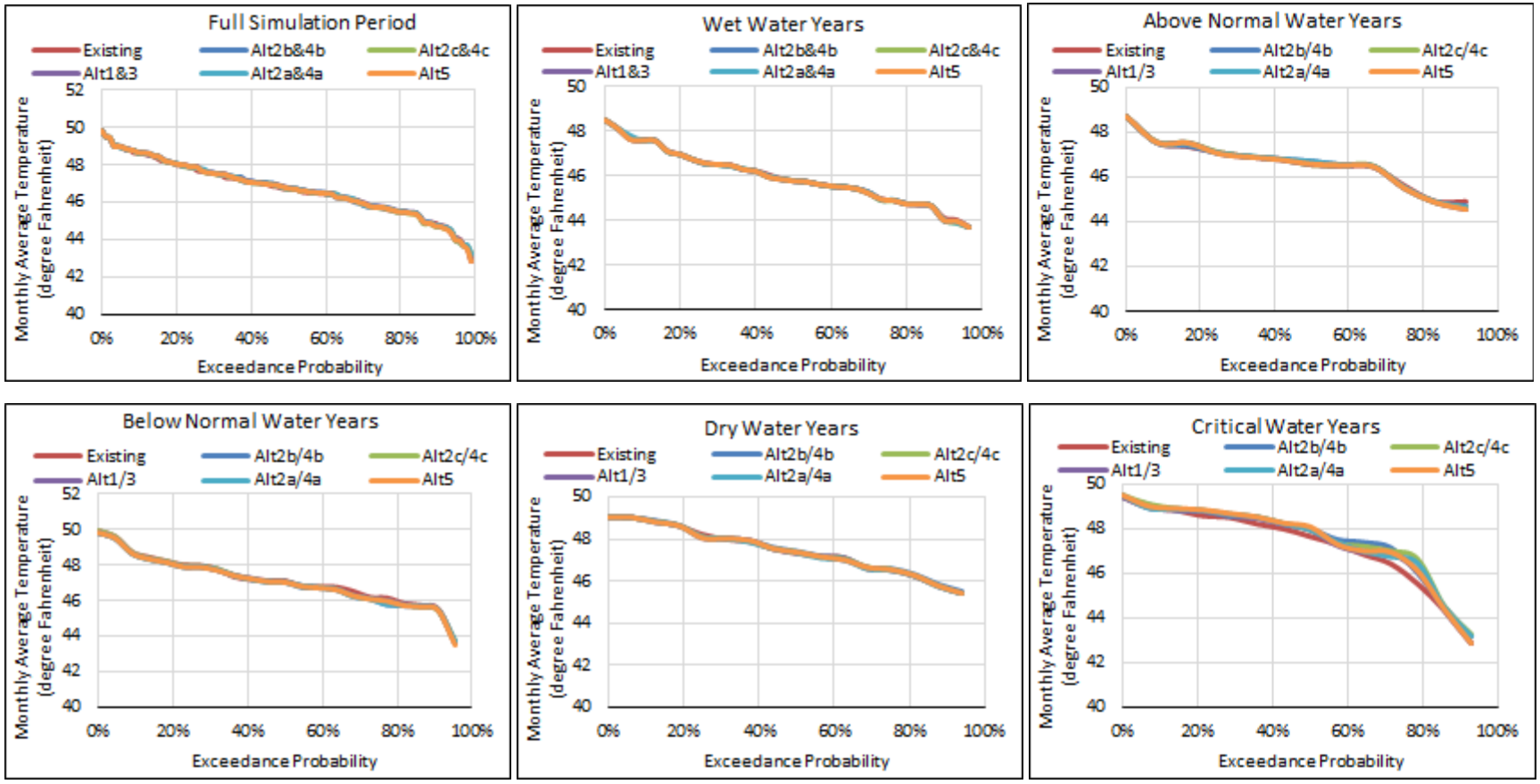


Figure 5A-D1.15.43. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

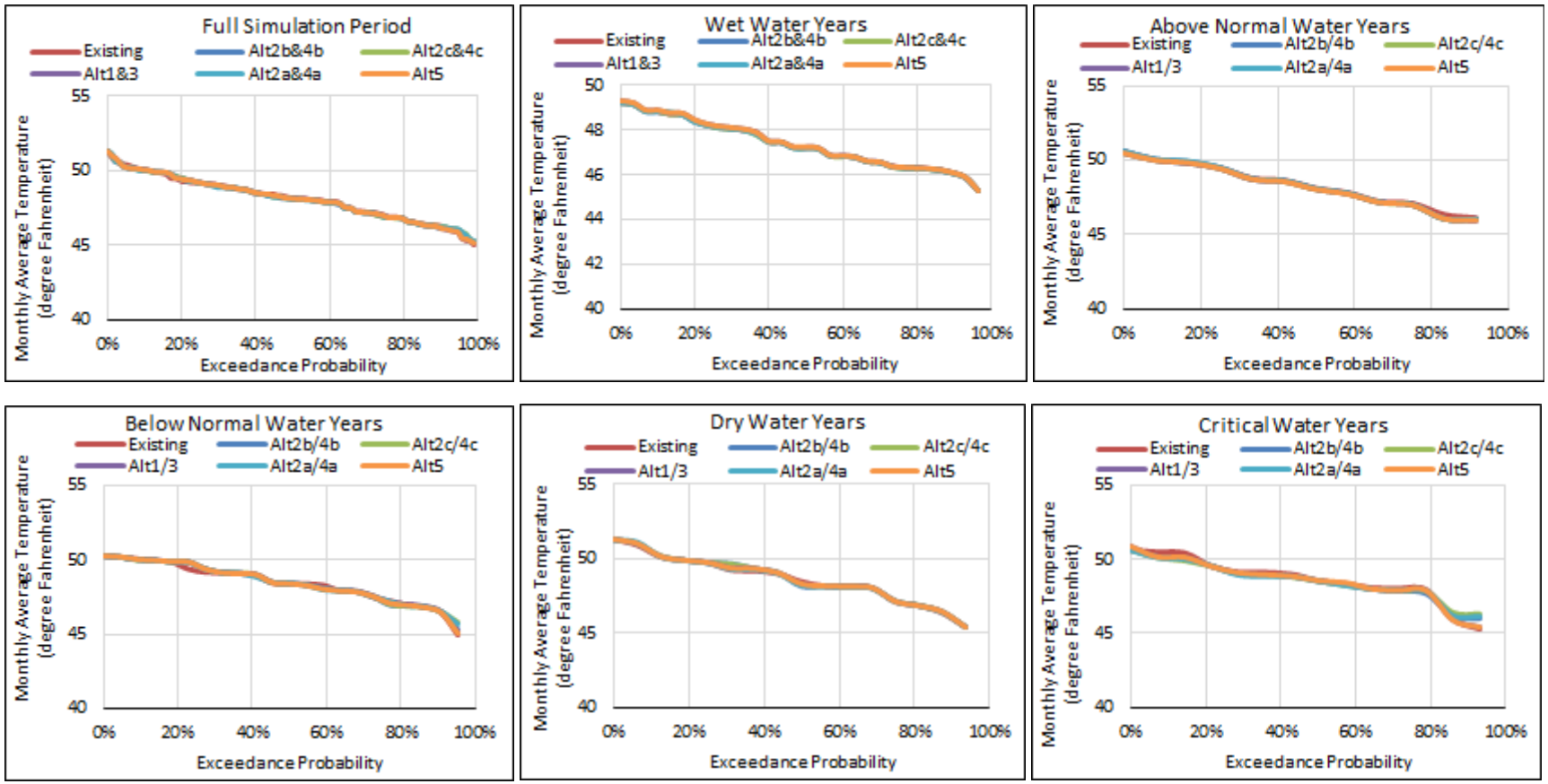


Figure 5A-D1.15.44. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

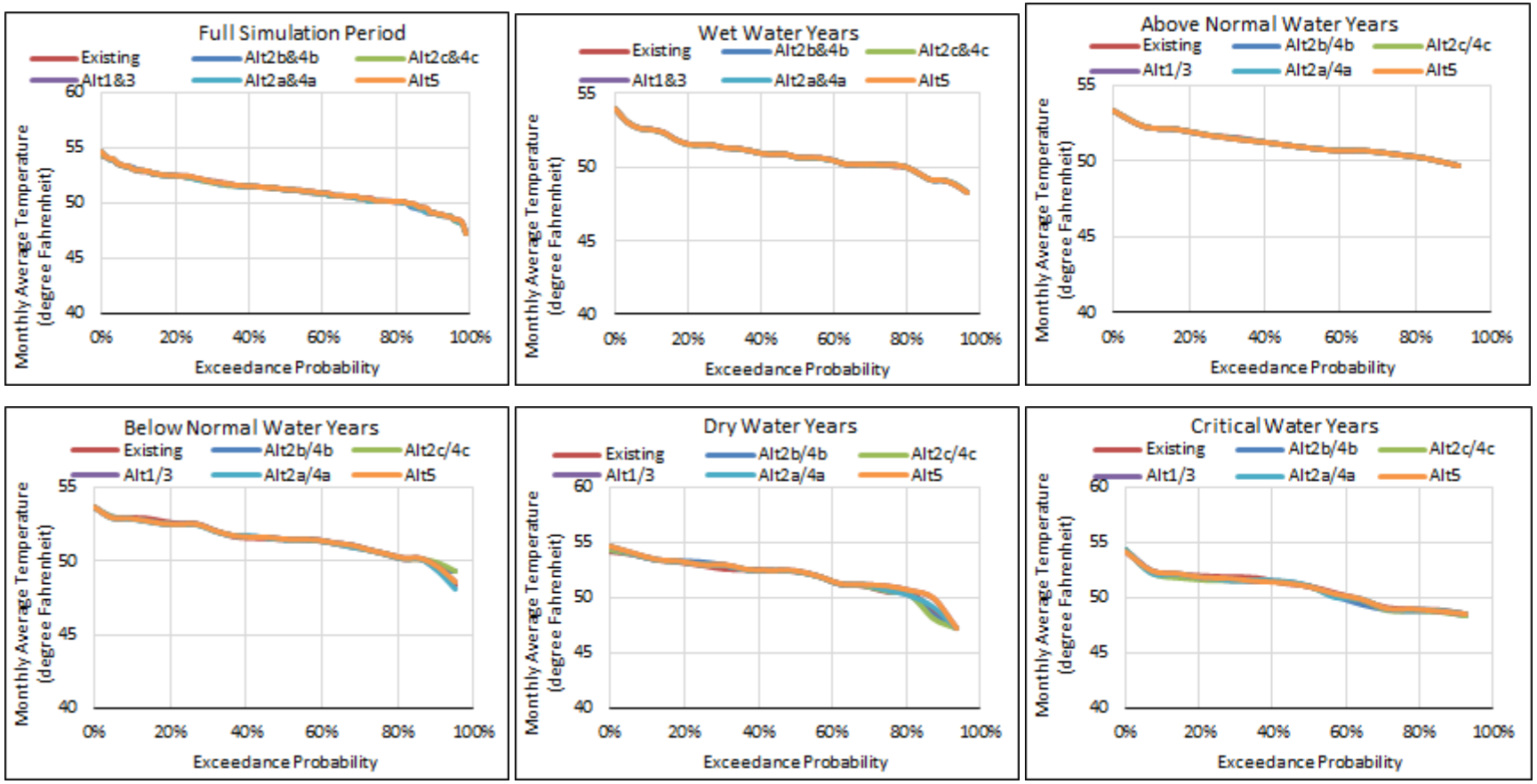


Figure 5A-D1.15.45. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

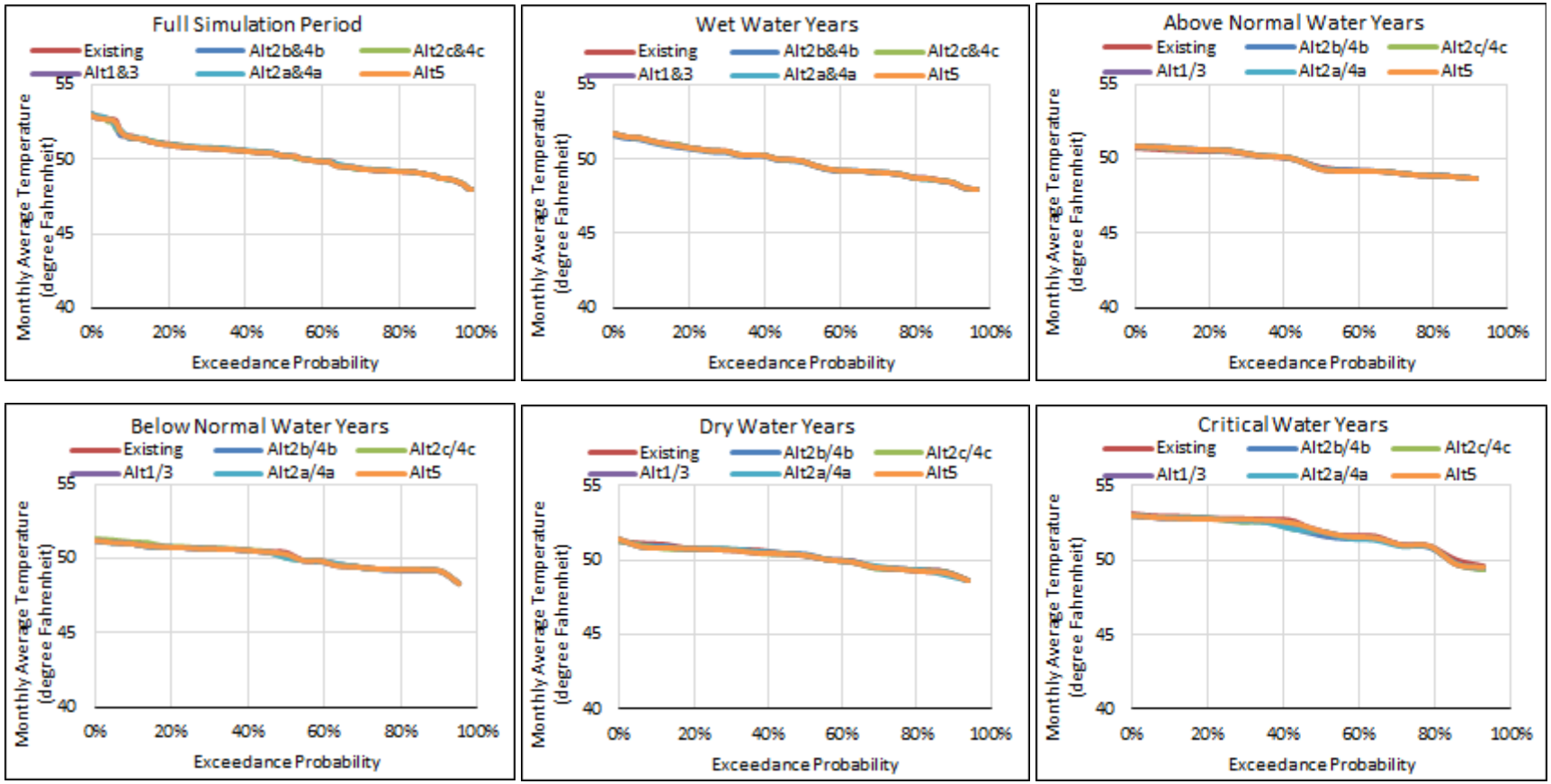


Figure 5A-D1.15.46. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

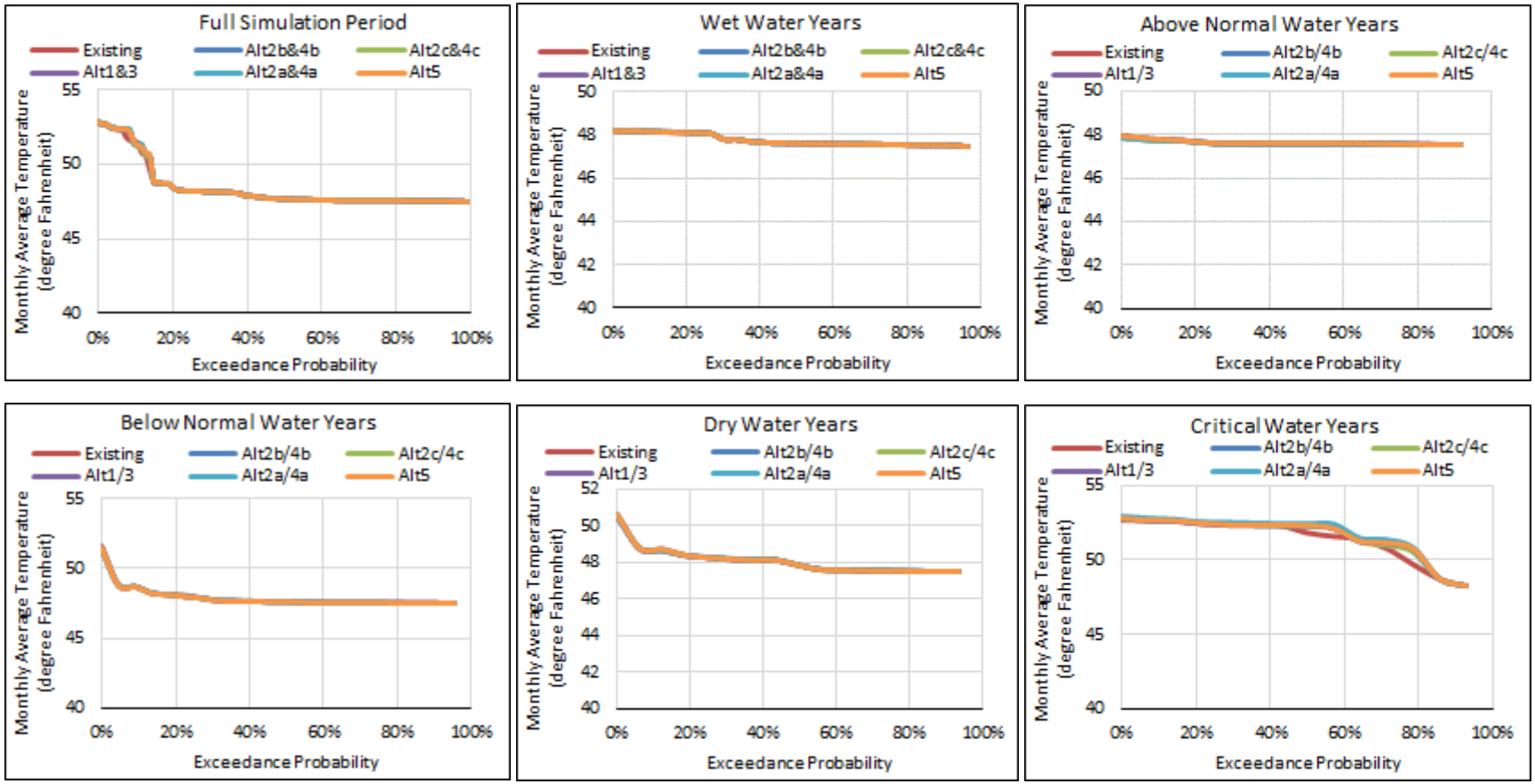


Figure 5A-D1.15.47. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

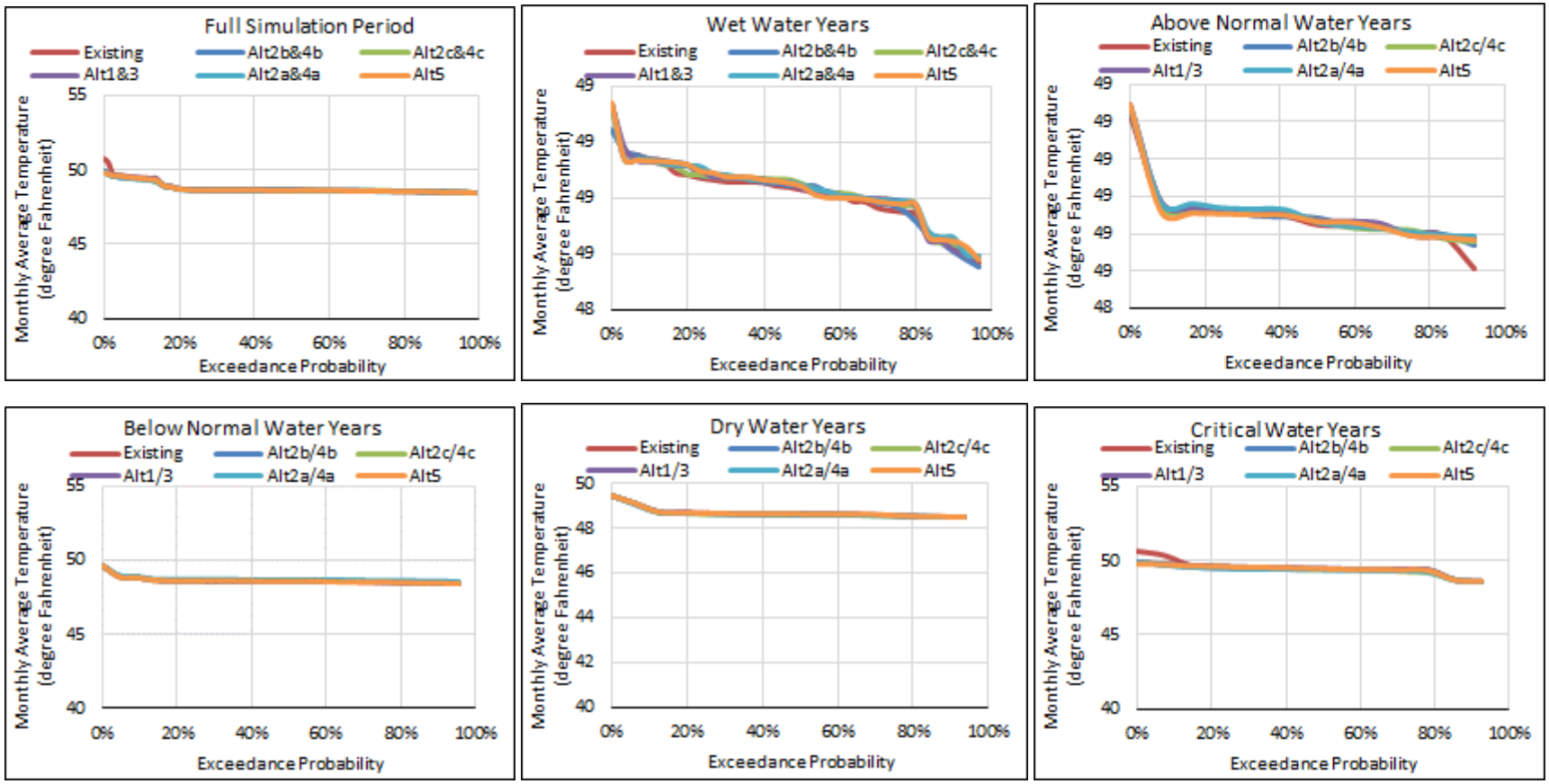


Figure 5A-D1.15.48. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

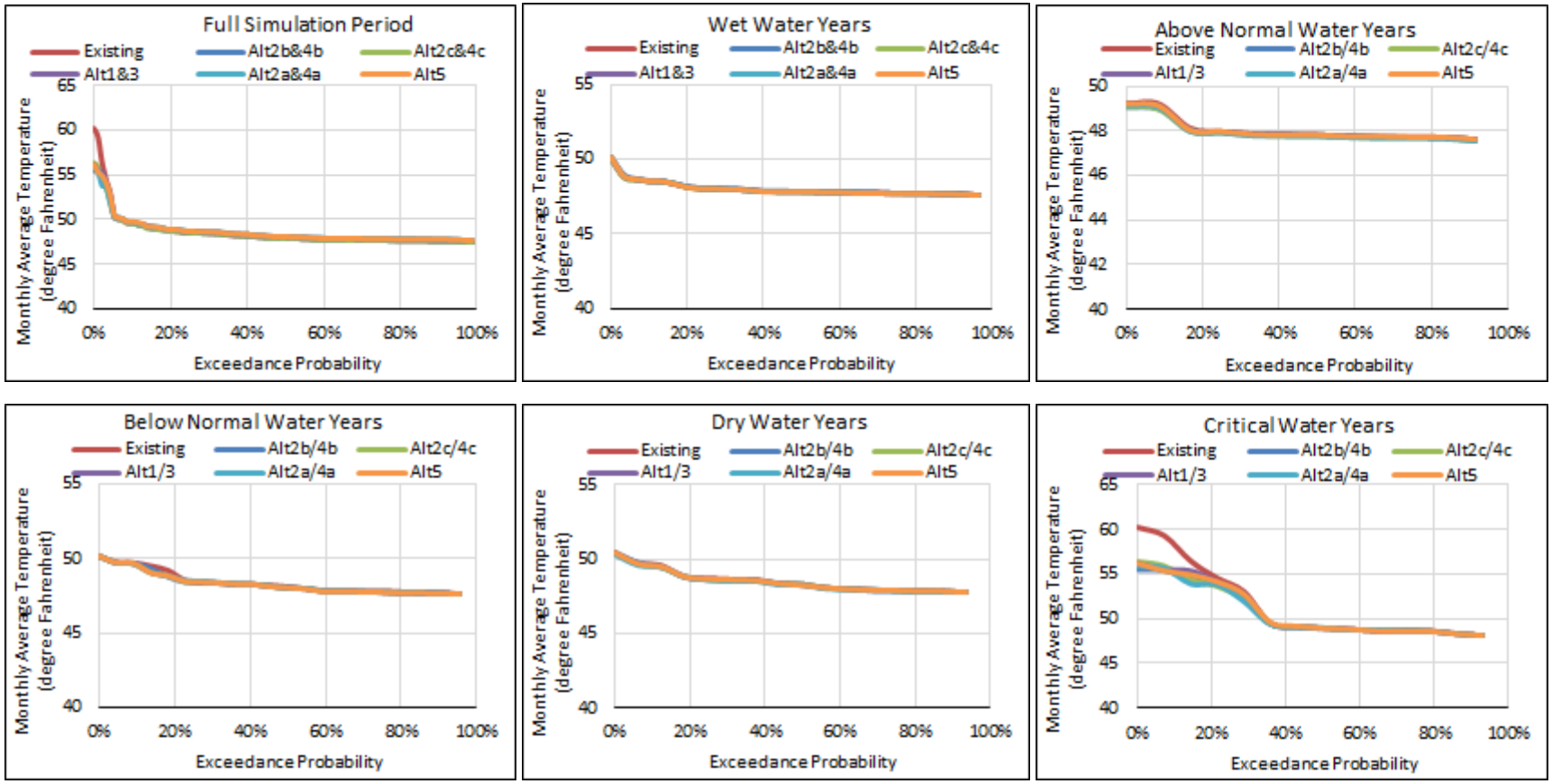
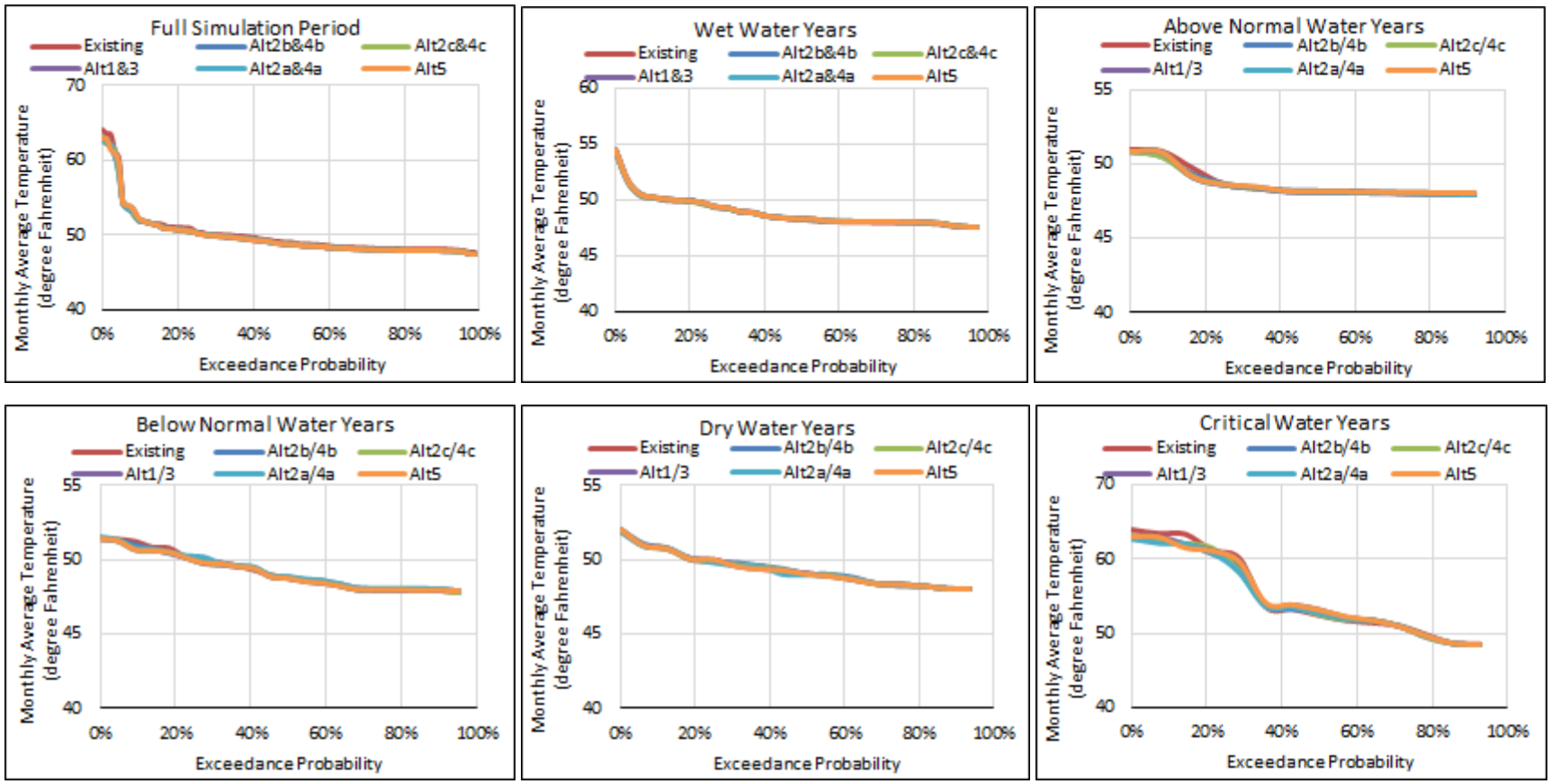


Figure 5A-D1.15.49. Sacramento River Below Shasta, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.16 Sacramento River at Butte City

Table 5A-D1.16.1-A. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.7	55.7	51.1	49.1	52.0	57.2	63.8	67.2	68.5	67.1	67.1	66.8
20%	60.6	55.0	50.0	48.5	50.7	56.2	62.6	66.3	67.4	66.0	65.6	65.2
30%	60.0	54.6	49.8	48.1	50.1	55.6	62.2	65.6	66.6	65.1	64.8	64.1
40%	59.4	54.3	49.6	47.6	49.8	54.7	61.7	64.8	65.8	64.0	64.3	63.2
50%	59.0	54.1	49.4	47.3	49.4	53.9	60.8	64.3	65.1	63.5	63.5	62.4
60%	58.3	53.9	49.1	47.1	49.1	53.3	59.7	63.9	64.5	62.8	63.1	61.9
70%	57.8	53.7	48.8	46.8	48.4	52.5	58.9	62.8	64.0	62.1	62.5	61.1
80%	57.4	53.3	48.4	46.3	47.7	51.3	57.5	62.2	63.1	61.5	61.9	60.3
90%	56.7	53.0	47.7	45.8	47.3	50.2	56.0	60.5	61.6	61.0	61.4	59.5

Table 5A-D1.16.1-B. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59.1	54.2	49.4	47.4	49.5	53.8	60.2	64.2	65.2	63.8	63.9	62.9
Wet Water Years	57.7	54.0	49.6	46.9	48.1	51.6	57.7	63.5	66.1	63.6	62.9	60.4
Above Normal Water Years	57.9	53.8	49.2	47.1	48.8	53.2	59.7	63.8	65.5	63.9	63.1	61.2
Below Normal Water Years	59.3	54.2	49.3	47.2	49.8	54.3	61.3	64.1	64.7	62.9	63.2	63.2
Dry Water Years	59.6	53.9	49.4	47.7	50.1	55.4	61.7	64.8	63.3	62.8	64.0	64.6
Critical Water Years	62.3	55.1	48.9	48.6	51.8	56.5	62.4	65.5	66.0	66.3	67.5	67.2

Table 5A-D1.16.1-C. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.7	55.7	51.1	49.1	52.0	57.2	63.5	67.0	68.6	66.8	67.0	66.7
20%	60.6	55.0	50.0	48.5	50.7	56.2	62.5	66.3	67.9	66.0	65.6	65.6
30%	60.1	54.6	49.8	48.1	50.2	55.6	62.1	65.6	66.6	65.0	64.9	64.7
40%	59.5	54.3	49.6	47.7	49.8	54.7	61.7	64.8	65.8	64.2	64.2	63.3
50%	59.0	54.1	49.4	47.3	49.4	53.9	60.8	64.3	65.1	63.6	63.4	62.7
60%	58.3	54.0	49.2	47.1	49.0	53.3	59.7	63.9	64.5	62.8	63.0	62.0
70%	57.8	53.7	48.8	46.8	48.4	52.5	58.9	62.8	64.0	62.2	62.6	61.3
80%	57.2	53.3	48.4	46.4	47.7	51.3	57.5	62.3	63.1	61.7	61.8	60.3
90%	56.8	53.0	47.7	45.8	47.3	50.2	56.0	60.5	61.6	61.3	61.2	59.5

Table 5A-D1.16.1-D. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59.1	54.2	49.3	47.4	49.5	53.8	60.1	64.2	65.3	63.8	63.8	63.0
Wet Water Years	57.6	54.0	49.6	46.9	48.1	51.6	57.7	63.5	66.2	63.7	63.0	60.4
Above Normal Water Years	57.9	53.9	49.2	47.1	48.7	53.2	59.7	63.8	65.6	64.0	63.2	61.2
Below Normal Water Years	59.4	54.2	49.2	47.2	49.8	54.3	61.2	64.1	64.7	63.2	63.0	63.7
Dry Water Years	59.7	54.0	49.4	47.8	50.1	55.4	61.7	64.8	63.4	62.8	64.1	64.6
Critical Water Years	62.3	55.1	48.9	48.6	51.8	56.5	62.3	65.4	66.1	66.2	67.1	66.9

Table 5A-D1.16.1-E. Sacramento River at Butte City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	0.1	-0.3	-0.1	-0.1
20%	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.4	0.1	0.0	0.3
30%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.1	0.6
40%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
60%	0.0	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
80%	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-0.2	0.0

Table 5A-D1.16.1-F. Sacramento River at Butte City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.3	0.5
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.4	-0.3

Table 5A-D1.16.1-G. Sacramento River at Butte City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.4%	-0.3%	0.1%	-0.4%	-0.2%	-0.1%
20%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.0%	0.6%	0.1%	0.0%	0.5%
30%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.1%	0.9%
40%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.2%	0.1%
50%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.3%
60%	-0.1%	0.1%	0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.2%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.2%	-0.1%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	-0.3%	0.0%

Table 5A-D1.16.1-H. Sacramento River at Butte City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	0.2%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.4%	0.8%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.2%	-0.1%	-0.6%	-0.4%

Table 5A-D1.16.2-A. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.7	55.7	51.1	49.1	52.0	57.2	63.5	67.1	68.6	66.6	66.9	66.7
20%	60.6	55.0	50.0	48.4	50.7	56.2	62.5	66.3	67.9	66.0	65.6	65.6
30%	60.1	54.6	49.8	48.0	50.1	55.6	62.1	65.6	66.6	65.0	64.8	64.4
40%	59.6	54.3	49.6	47.7	49.8	54.7	61.7	64.8	65.8	64.0	64.3	63.2
50%	59.0	54.1	49.4	47.3	49.4	53.9	60.8	64.3	65.1	63.4	63.4	62.6
60%	58.3	53.9	49.2	47.1	49.1	53.3	59.7	63.9	64.5	62.9	63.0	61.9
70%	57.8	53.7	48.8	46.8	48.4	52.5	58.9	62.8	64.0	62.3	62.6	61.2
80%	57.2	53.3	48.4	46.4	47.7	51.3	57.5	62.3	63.1	61.6	62.0	60.3
90%	56.8	53.0	47.7	45.8	47.3	50.2	56.0	60.6	61.6	61.3	61.3	59.5

Table 5A-D1.16.2-B. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59.1	54.2	49.3	47.4	49.5	53.8	60.1	64.2	65.2	63.8	63.8	63.0
Wet Water Years	57.6	54.0	49.6	46.9	48.1	51.6	57.7	63.4	66.1	63.7	62.9	60.4
Above Normal Water Years	58.0	53.9	49.2	47.1	48.7	53.2	59.7	63.8	65.6	63.9	63.3	61.2
Below Normal Water Years	59.4	54.2	49.3	47.2	49.8	54.3	61.2	64.1	64.7	63.2	63.0	63.7
Dry Water Years	59.7	54.0	49.4	47.8	50.1	55.4	61.6	64.7	63.4	62.8	64.1	64.6
Critical Water Years	62.3	55.1	48.9	48.6	51.8	56.5	62.3	65.4	66.1	66.2	67.1	67.0

Table 5A-D1.16.2-C. Sacramento River at Butte City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.2	-0.4	-0.2	-0.1
20%	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	0.0	0.4	0.0	0.0	0.3
30%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.0	0.3
40%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1
80%	-0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-0.2	0.0

Table 5A-D1.16.2-D. Sacramento River at Butte City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.5
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.1	0.0
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.4	-0.2

Table 5A-D1.16.2-E. Sacramento River at Butte City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.4%	-0.2%	0.2%	-0.7%	-0.3%	-0.2%
20%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.6%	0.0%	-0.1%	0.5%
30%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.5%
40%	0.2%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.2%
60%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.2%	0.1%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	-0.1%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	-0.3%	0.0%

Table 5A-D1.16.2-F. Sacramento River at Butte City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.5%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%
Critical Water Years	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.1%	-0.2%	-0.6%	-0.4%

Table 5A-D1.16.3-A. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.7	55.7	51.2	49.1	51.9	57.2	63.5	67.0	68.5	67.1	67.1	66.9
20%	60.7	55.0	50.0	48.4	50.7	56.1	62.5	66.3	67.5	66.0	65.8	65.6
30%	60.1	54.7	49.8	48.1	50.1	55.6	62.1	65.6	66.6	65.1	64.9	64.4
40%	59.6	54.3	49.6	47.7	49.8	54.7	61.7	64.8	65.8	64.1	64.3	63.3
50%	59.0	54.1	49.4	47.3	49.4	53.9	60.8	64.3	65.1	63.5	63.5	62.6
60%	58.3	53.9	49.2	47.1	49.0	53.3	59.7	63.9	64.5	63.0	63.0	61.9
70%	57.8	53.7	48.8	46.8	48.4	52.5	58.9	62.8	64.0	62.3	62.6	61.2
80%	57.2	53.3	48.4	46.4	47.7	51.3	57.5	62.3	63.1	61.6	61.9	60.3
90%	56.8	53.0	47.7	45.8	47.3	50.2	56.0	60.5	61.6	61.3	61.3	59.5

Table 5A-D1.16.3-B. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59.1	54.2	49.3	47.4	49.4	53.8	60.1	64.2	65.2	63.8	63.8	63.0
Wet Water Years	57.6	54.0	49.6	46.9	48.1	51.6	57.7	63.5	66.1	63.7	63.0	60.4
Above Normal Water Years	57.9	53.9	49.2	47.1	48.7	53.2	59.7	63.8	65.5	64.0	63.3	61.2
Below Normal Water Years	59.4	54.2	49.2	47.3	49.8	54.3	61.2	64.1	64.7	63.2	63.1	63.7
Dry Water Years	59.7	53.9	49.4	47.8	50.1	55.3	61.7	64.7	63.4	62.8	64.1	64.7
Critical Water Years	62.3	55.1	48.9	48.6	51.7	56.6	62.4	65.4	66.1	66.2	67.1	67.0

Table 5A-D1.16.3-C. Sacramento River at Butte City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.3	-0.2	0.0	0.0	0.0	0.1
20%	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.3
30%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.1	0.3
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1
80%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-0.1	0.0

Table 5A-D1.16.3-D. Sacramento River at Butte City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.5
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	-0.1	0.0	-0.1	-0.4	-0.2

Table 5A-D1.16.3-E. Sacramento River at Butte City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.3%	0.0%	-0.2%	0.0%	-0.4%	-0.2%	0.1%	0.0%	-0.1%	0.2%
20%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.2%	0.5%
30%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.5%
40%	0.2%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.1%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
60%	0.0%	0.1%	0.1%	0.0%	-0.2%	0.0%	0.1%	0.0%	0.1%	0.3%	-0.2%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.3%	0.2%	0.1%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	-0.2%	0.0%

Table 5A-D1.16.3-F. Sacramento River at Butte City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	-0.2%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.6%	-0.3%

Table 5A-D1.16.4-A. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.8	55.7	51.2	49.1	51.9	57.2	63.5	67.0	68.6	67.0	66.9	66.7
20%	60.6	55.0	50.0	48.4	50.7	56.2	62.5	66.3	67.4	66.1	65.5	65.6
30%	60.1	54.6	49.8	48.0	50.2	55.6	62.1	65.6	66.6	65.2	64.8	64.3
40%	59.5	54.3	49.6	47.7	49.8	54.7	61.6	64.8	65.8	64.4	64.4	63.3
50%	58.9	54.1	49.3	47.3	49.4	54.0	60.8	64.3	65.1	63.5	63.5	62.4
60%	58.3	54.0	49.2	47.1	49.0	53.3	59.7	63.9	64.5	62.9	63.1	61.8
70%	57.7	53.7	48.8	46.8	48.4	52.5	58.9	62.9	64.0	62.3	62.6	61.1
80%	57.1	53.4	48.4	46.4	47.7	51.3	57.5	62.3	63.1	61.7	61.8	60.3
90%	56.7	53.0	47.7	45.8	47.3	50.2	56.0	60.5	61.6	61.3	61.3	59.5

Table 5A-D1.16.4-B. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59.1	54.2	49.3	47.4	49.4	53.8	60.1	64.2	65.3	63.9	63.8	62.9
Wet Water Years	57.6	54.0	49.6	46.9	48.1	51.6	57.7	63.5	66.1	63.7	62.9	60.4
Above Normal Water Years	57.9	53.9	49.2	47.1	48.7	53.2	59.7	63.8	65.5	64.1	63.2	61.1
Below Normal Water Years	59.3	54.2	49.2	47.2	49.8	54.3	61.2	64.1	64.7	63.3	63.0	63.6
Dry Water Years	59.7	53.9	49.4	47.8	50.1	55.3	61.6	64.7	63.5	62.9	64.2	64.4
Critical Water Years	62.3	55.1	48.9	48.6	51.7	56.6	62.4	65.4	66.1	66.2	67.0	66.9

Table 5A-D1.16.4-C. Sacramento River at Butte City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.3	-0.2	0.2	-0.1	-0.3	-0.1
20%	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.1	-0.1	0.3
30%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.2
40%	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.4	0.0	0.0
50%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1
60%	0.0	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.0	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0
80%	-0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.2	-0.2	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.1	0.0

Table 5A-D1.16.4-D. Sacramento River at Butte City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.4	-0.2	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	0.1	0.2	-0.2
Critical Water Years	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	-0.1	0.1	-0.1	-0.5	-0.3

Table 5A-D1.16.4-E. Sacramento River at Butte City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.2%	0.0%	-0.2%	0.0%	-0.4%	-0.3%	0.2%	-0.2%	-0.4%	-0.2%
20%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.0%	0.0%	0.2%	-0.2%	0.5%
30%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.3%
40%	0.2%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.6%	0.1%	0.1%
50%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
60%	0.0%	0.1%	0.2%	0.0%	-0.3%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.3%	0.2%	0.0%
80%	-0.5%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.4%	-0.3%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	-0.2%	0.0%

Table 5A-D1.16.4-F. Sacramento River at Butte City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.2%	-0.1%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	-0.2%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.6%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.3%	0.2%	0.3%	-0.3%
Critical Water Years	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.1%	-0.2%	-0.7%	-0.4%

Table 5A-D1.16.5-A. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.7	55.7	51.2	49.1	51.9	57.2	63.5	67.0	68.5	67.1	67.1	66.9
20%	60.7	55.0	50.0	48.4	50.7	56.1	62.5	66.3	67.5	66.0	65.8	65.6
30%	60.1	54.7	49.8	48.0	50.1	55.6	62.1	65.6	66.6	65.0	64.8	64.4
40%	59.6	54.3	49.6	47.7	49.8	54.7	61.7	64.8	65.8	64.1	64.3	63.3
50%	59.1	54.1	49.4	47.3	49.4	53.9	60.8	64.3	65.1	63.5	63.4	62.6
60%	58.3	53.9	49.2	47.1	49.0	53.3	59.7	63.9	64.5	63.0	63.0	61.9
70%	57.8	53.7	48.8	46.8	48.4	52.5	58.9	62.8	64.0	62.3	62.6	61.3
80%	57.2	53.3	48.4	46.4	47.7	51.3	57.5	62.3	63.1	61.6	62.0	60.3
90%	56.8	53.0	47.7	45.8	47.3	50.2	56.0	60.5	61.6	61.3	61.3	59.5

Table 5A-D1.16.5-B. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	59.1	54.2	49.3	47.4	49.4	53.8	60.1	64.2	65.2	63.8	63.8	63.0
Wet Water Years	57.6	54.0	49.6	46.9	48.1	51.6	57.7	63.5	66.1	63.7	63.0	60.4
Above Normal Water Years	57.9	53.9	49.2	47.1	48.7	53.2	59.7	63.8	65.5	63.9	63.3	61.2
Below Normal Water Years	59.4	54.2	49.2	47.3	49.8	54.3	61.2	64.1	64.7	63.2	63.0	63.6
Dry Water Years	59.7	53.9	49.4	47.8	50.1	55.3	61.7	64.7	63.4	62.8	64.1	64.7
Critical Water Years	62.3	55.1	48.9	48.6	51.7	56.6	62.4	65.4	66.1	66.2	67.1	67.0

Table 5A-D1.16.5-C. Sacramento River at Butte City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.3	-0.2	0.0	0.0	0.0	0.1
20%	0.1	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.1	0.3
30%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.1	0.3
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
50%	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.2	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
80%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-0.1	0.0

Table 5A-D1.16.5-D. Sacramento River at Butte City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1	-0.4	-0.2

Table 5A-D1.16.5-E. Sacramento River at Butte City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.3%	0.0%	-0.2%	0.0%	-0.4%	-0.2%	0.0%	0.0%	-0.1%	0.2%
20%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	0.1%	0.2%	0.5%
30%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.2%	0.1%	0.5%
40%	0.2%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.1%
50%	0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.3%
60%	0.0%	0.1%	0.1%	0.0%	-0.2%	0.0%	0.1%	0.0%	0.1%	0.3%	-0.2%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.3%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	-0.2%	0.0%

Table 5A-D1.16.5-F. Sacramento River at Butte City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.6%	-0.3%

Figure 5A-D1.16.1. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

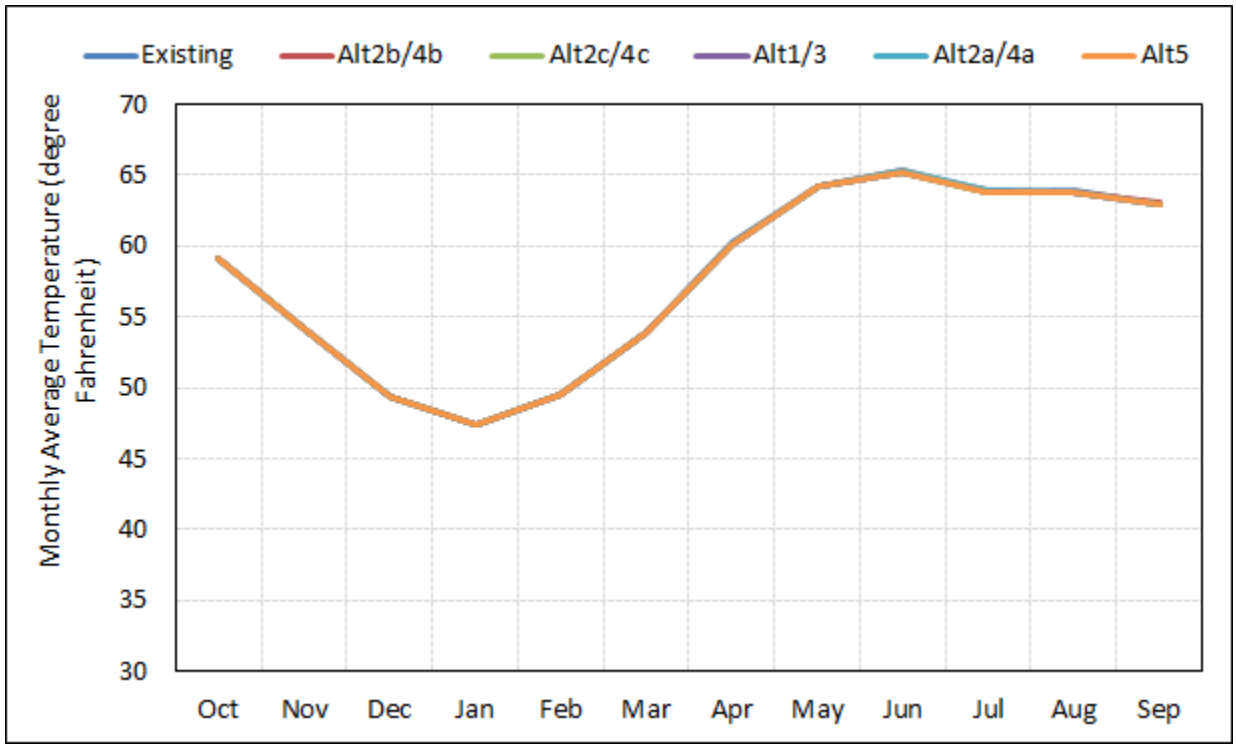


Figure 5A-D1.16.2. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

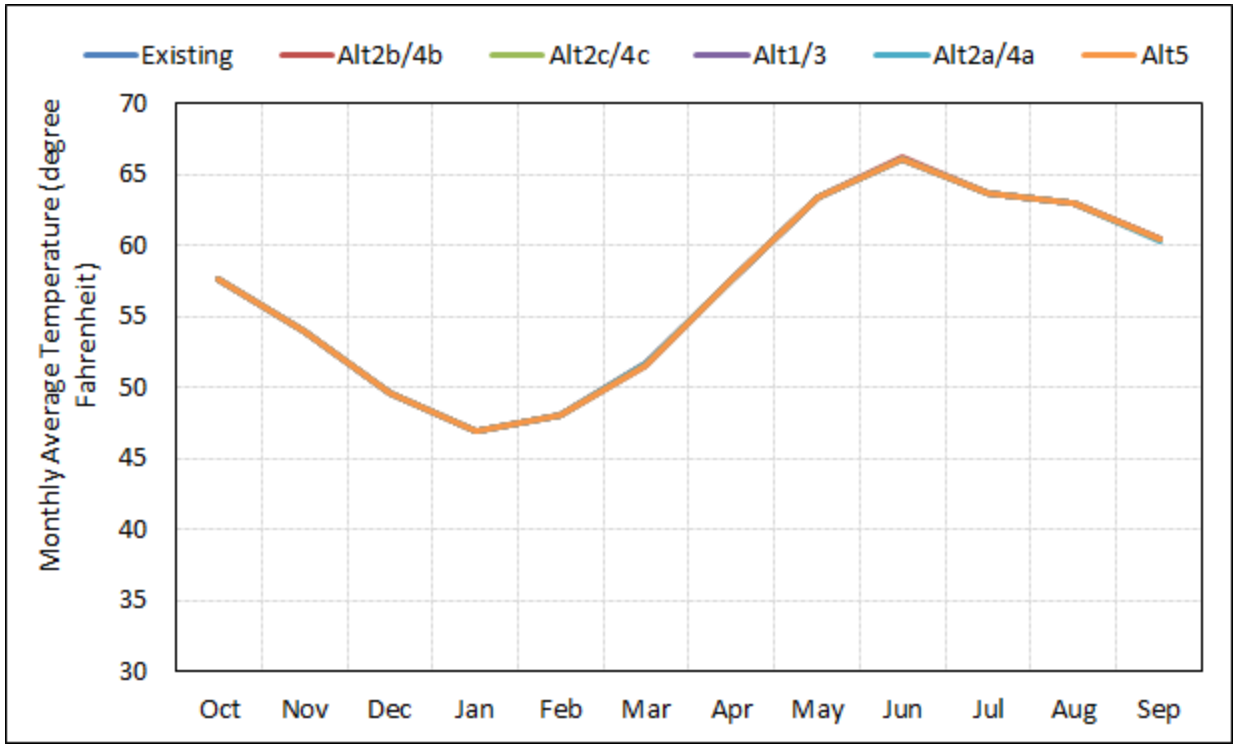


Figure 5A-D1.16.3. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

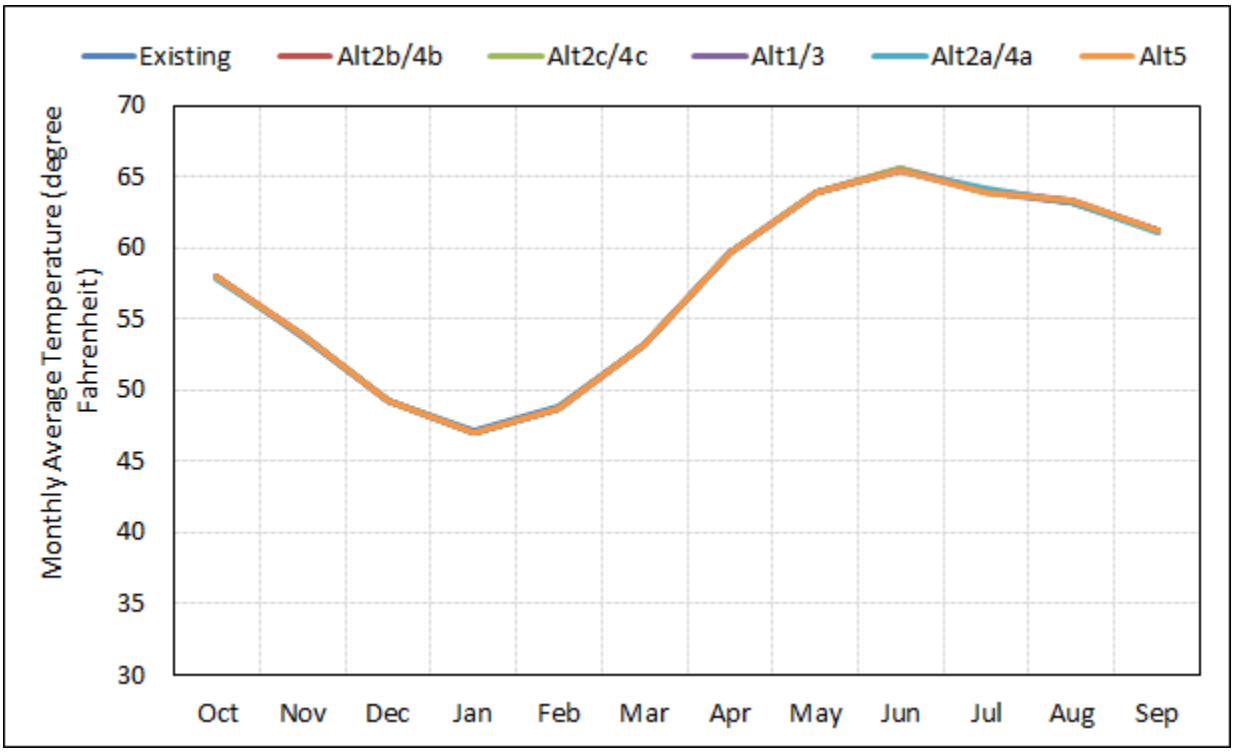


Figure 5A-D1.16.4. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

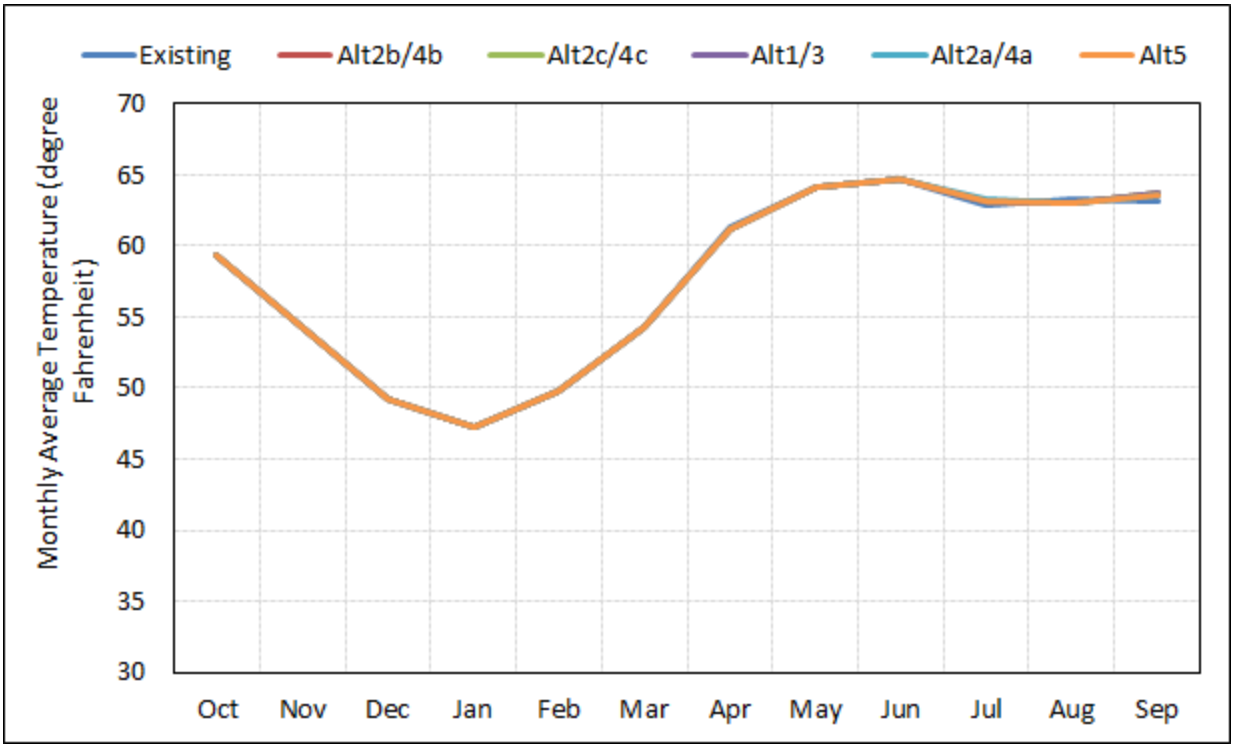


Figure 5A-D1.16.5. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

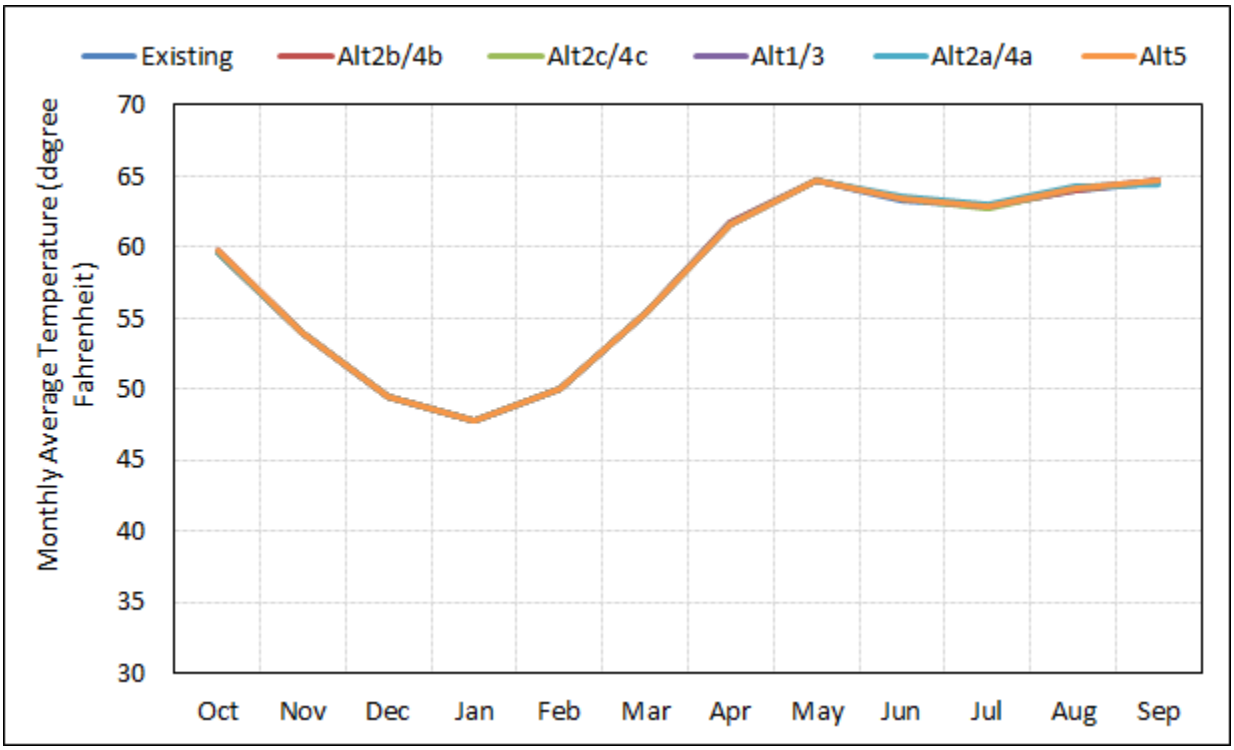


Figure 5A-D1.16.6. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

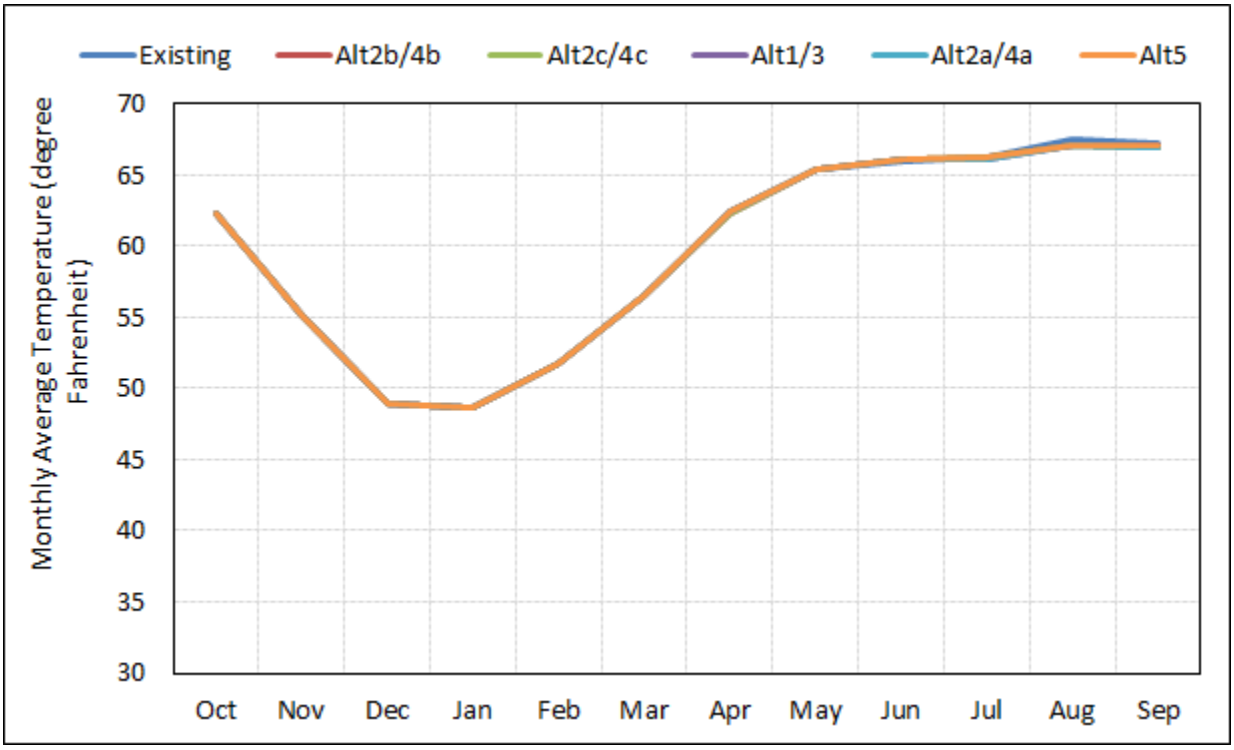


Figure 5A-D1.16.7. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

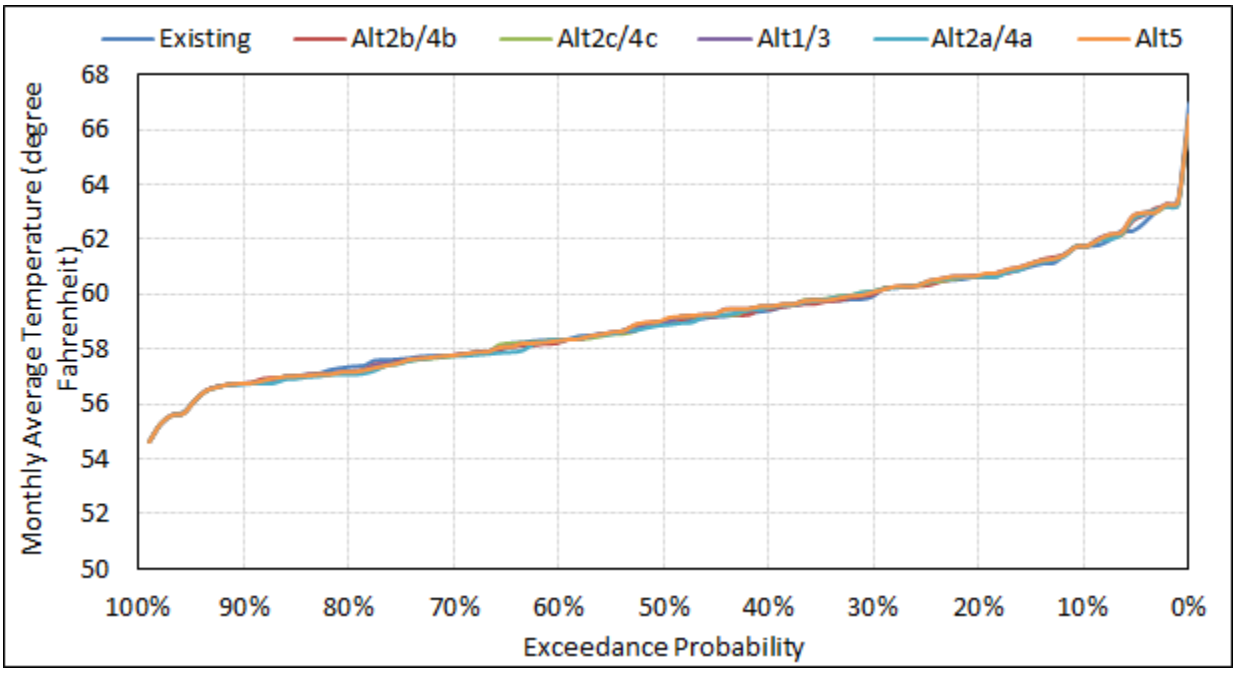


Figure 5A-D1.16.8. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

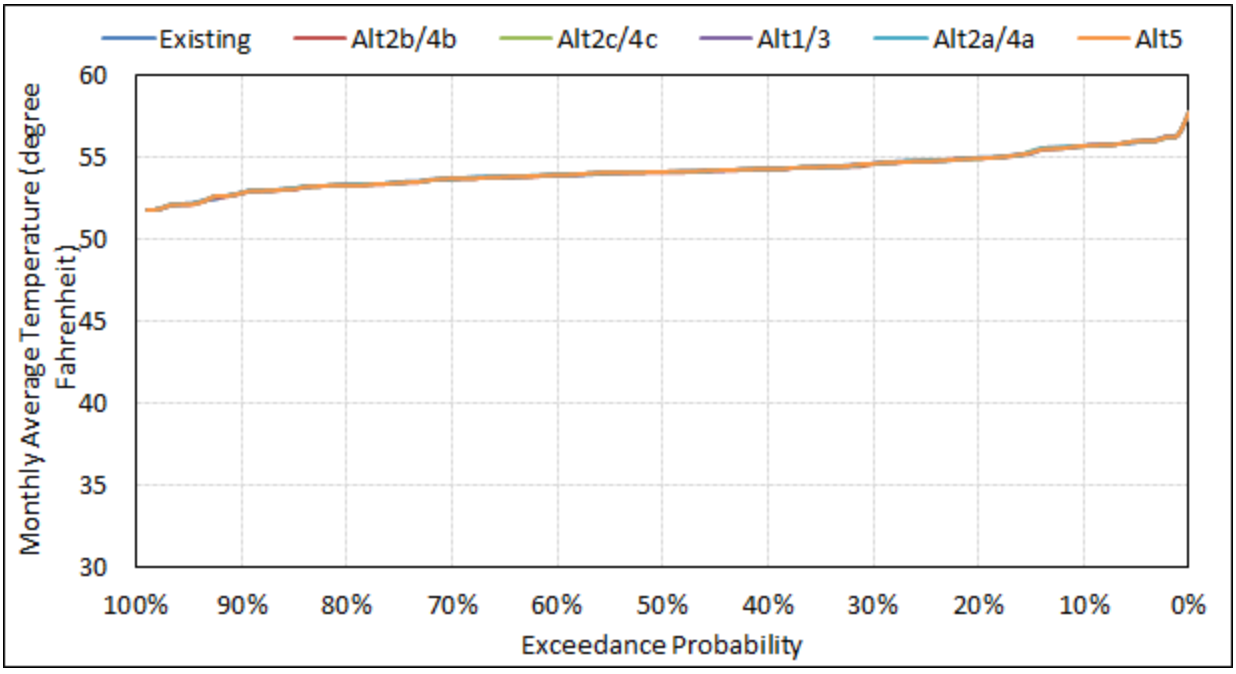


Figure 5A-D1.16.9. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

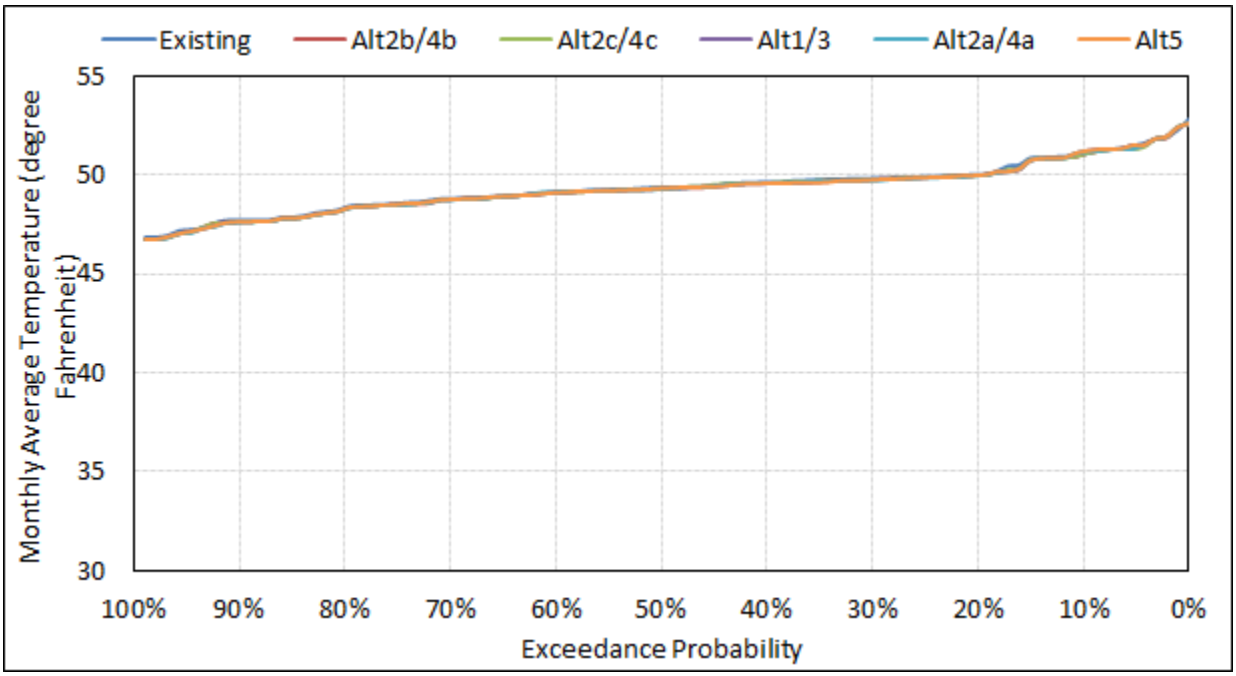


Figure 5A-D1.16.10. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

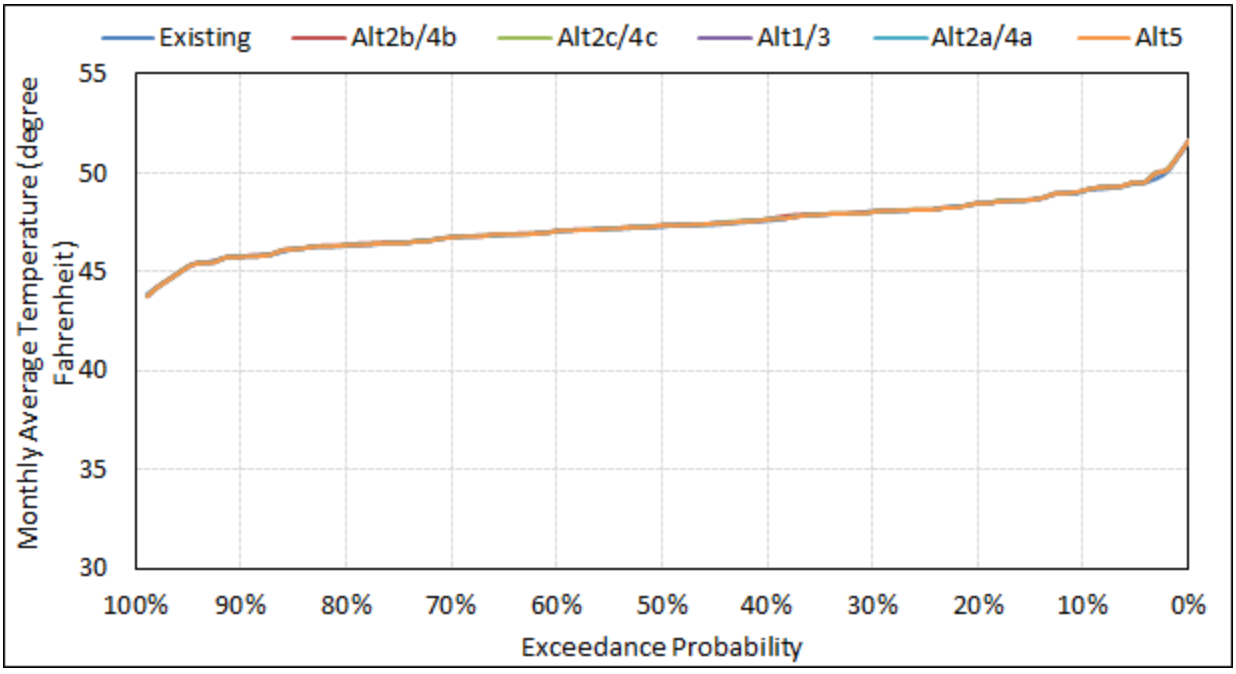


Figure 5A-D1.16.11. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

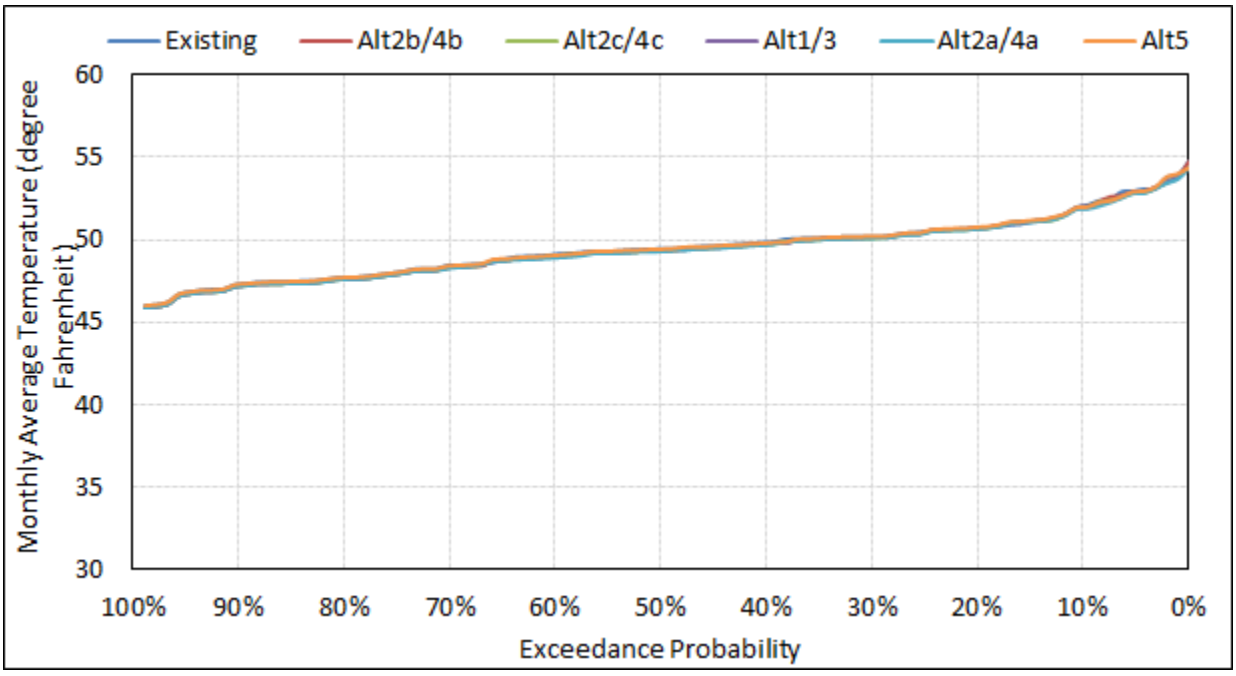


Figure 5A-D1.16.12. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

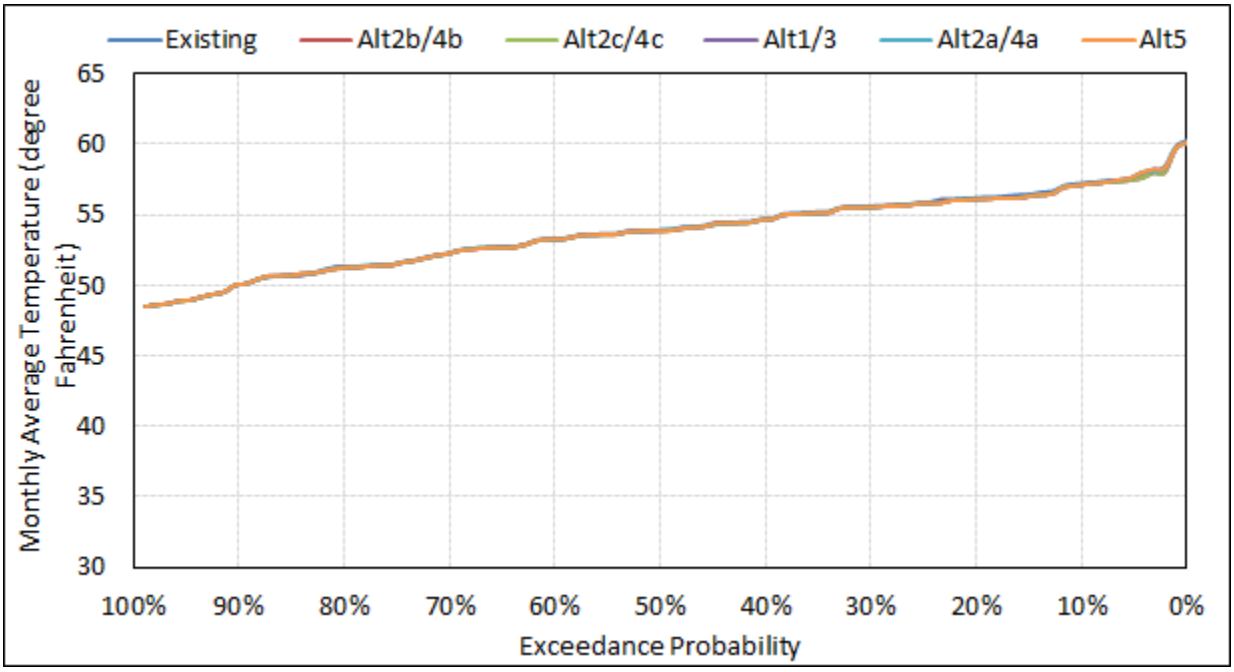


Figure 5A-D1.16.13. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

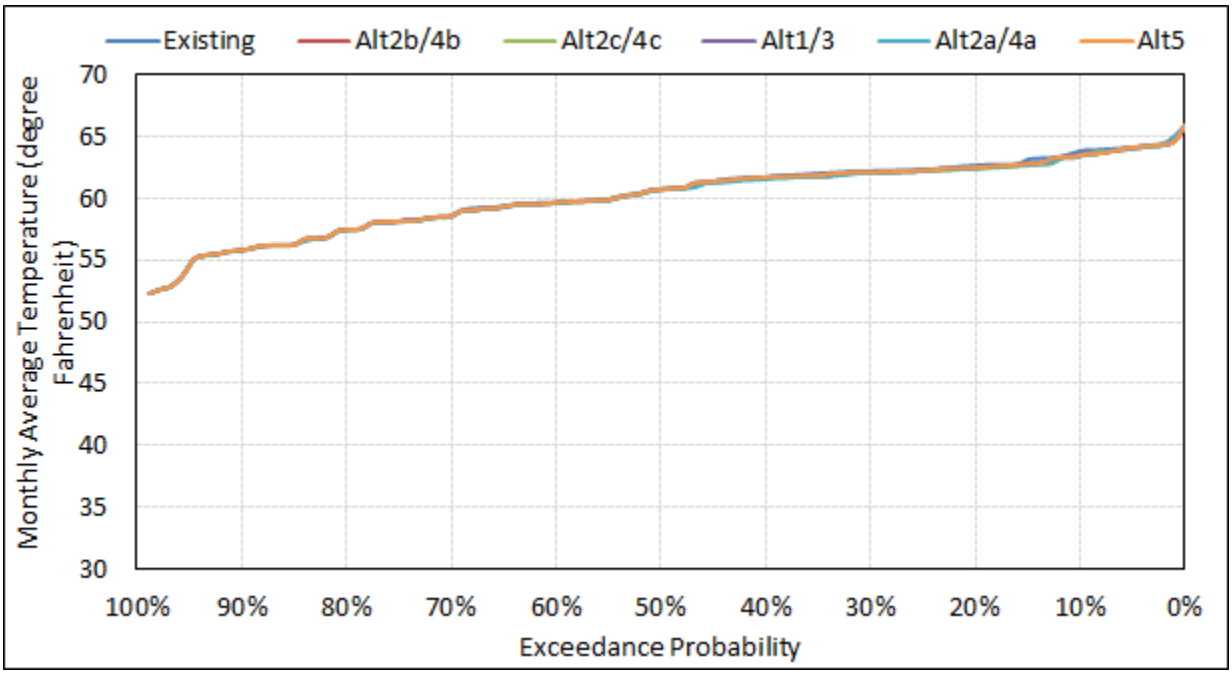


Figure 5A-D1.16.14. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

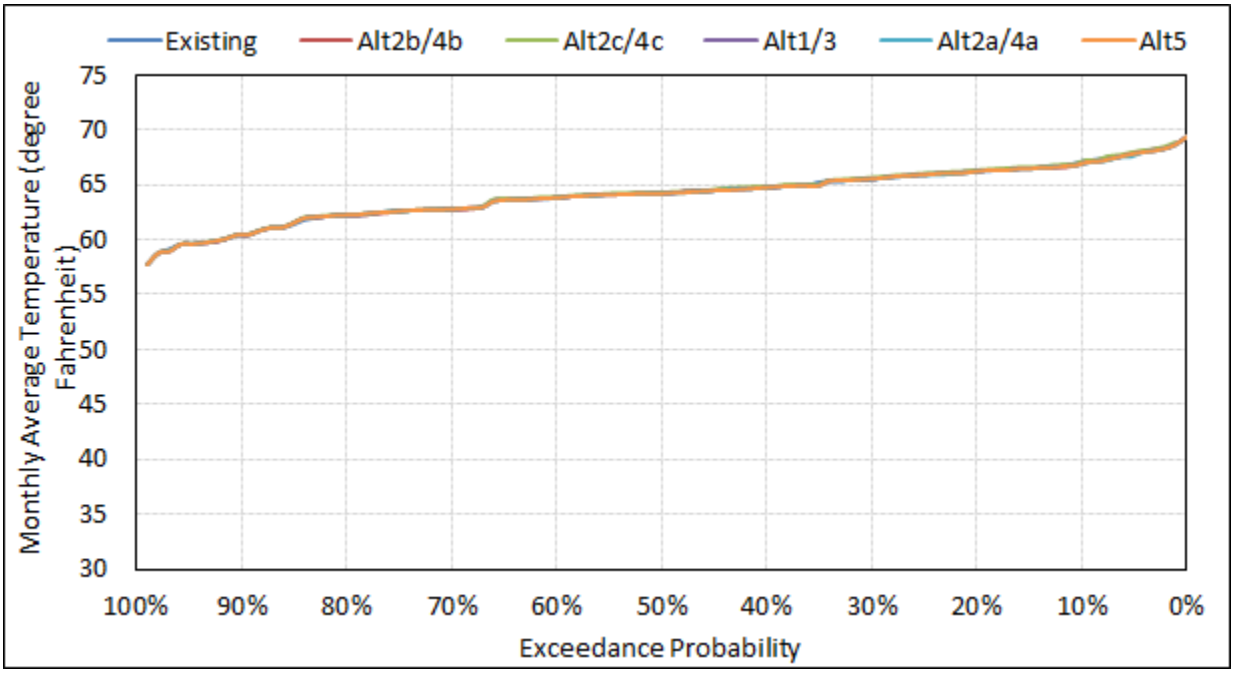


Figure 5A-D1.16.15. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

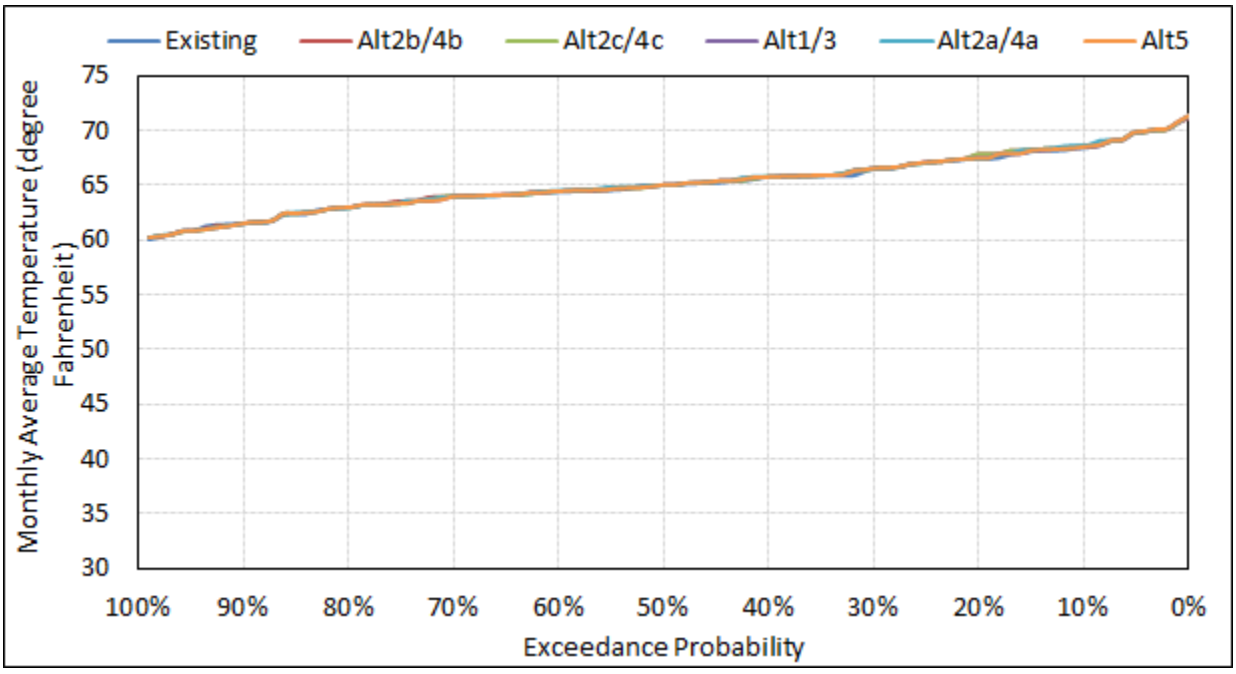


Figure 5A-D1.16.16. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

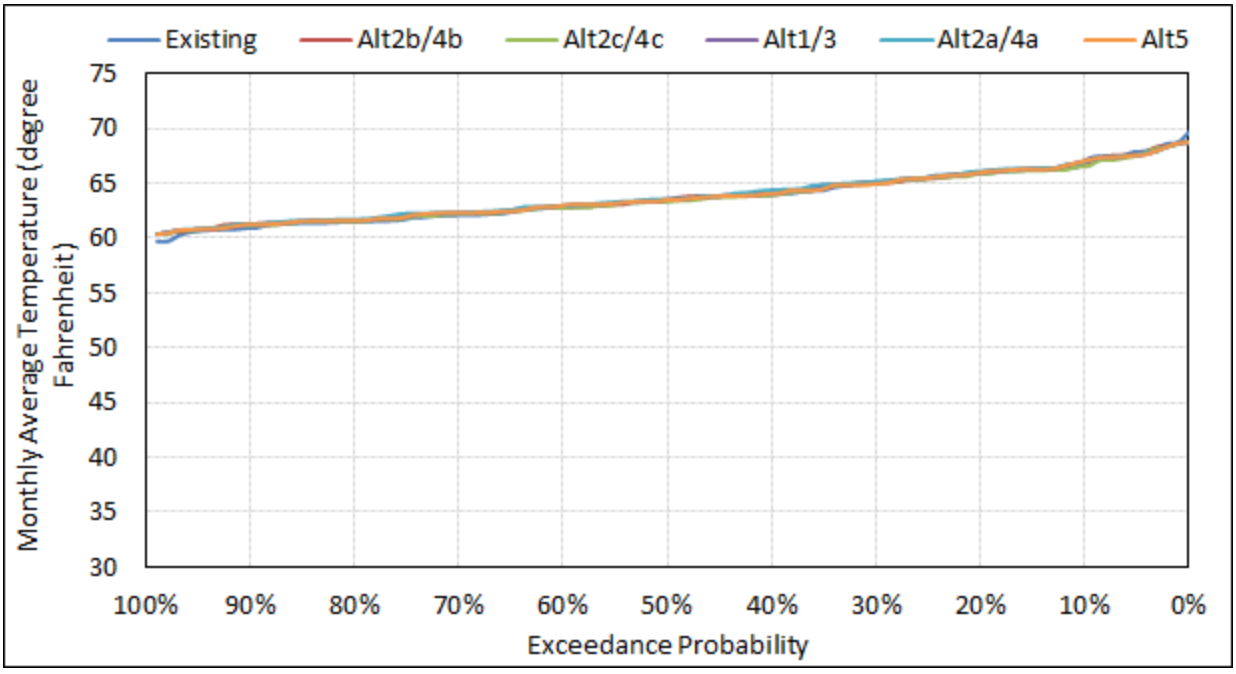


Figure 5A-D1.16.17. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

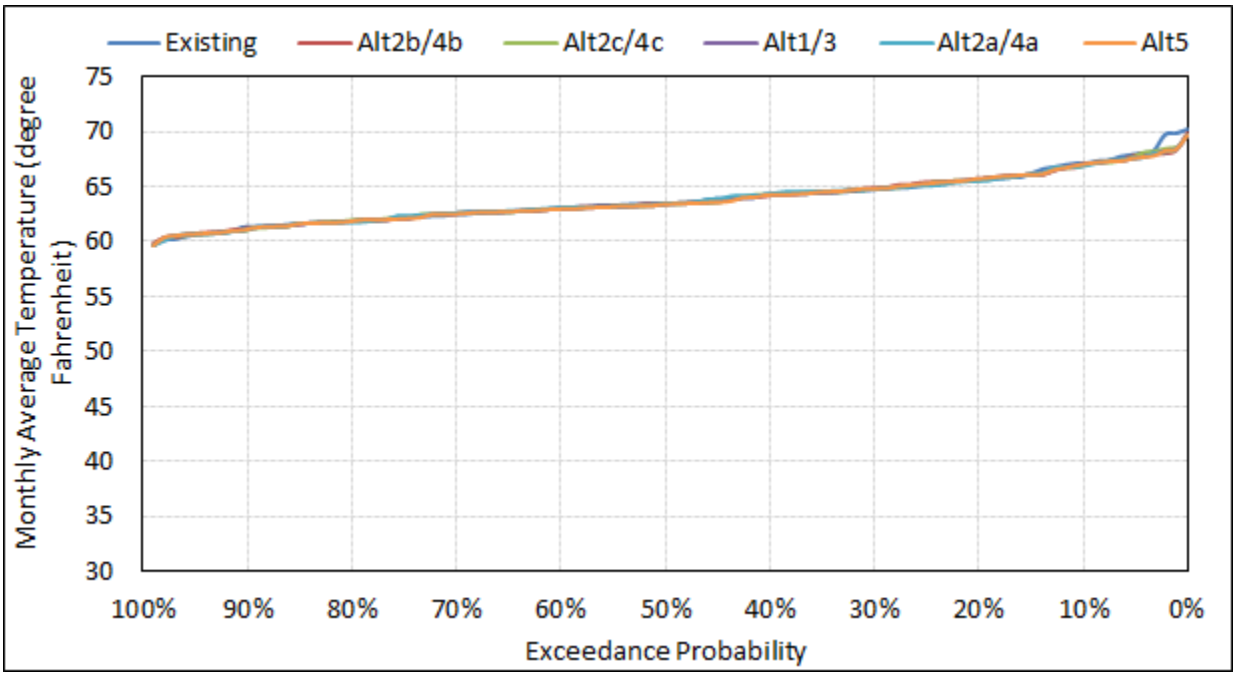


Figure 5A-D1.16.18. Sacramento River at Butte City, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

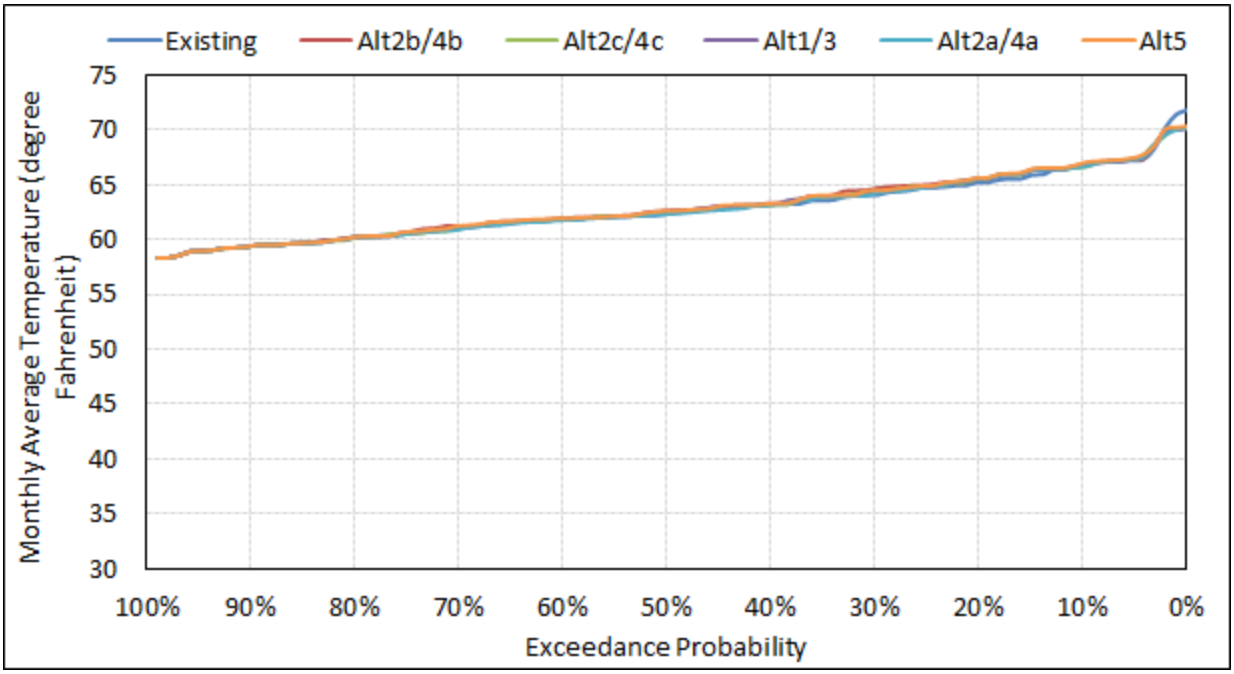
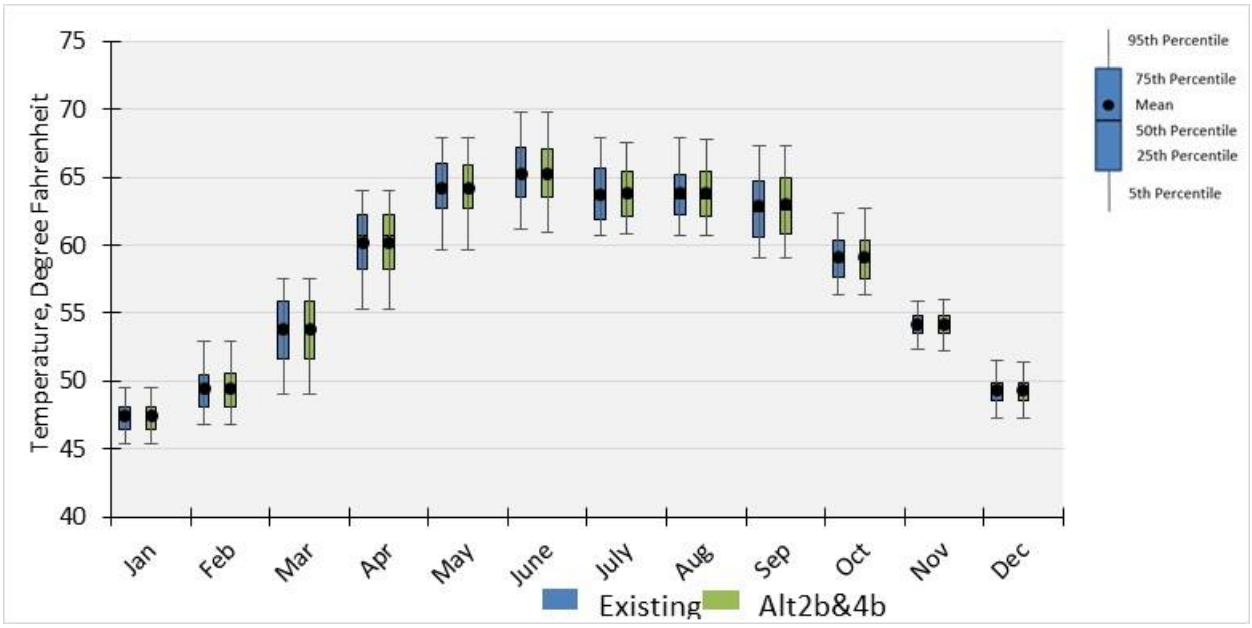


Figure 5A-D1.16.19. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



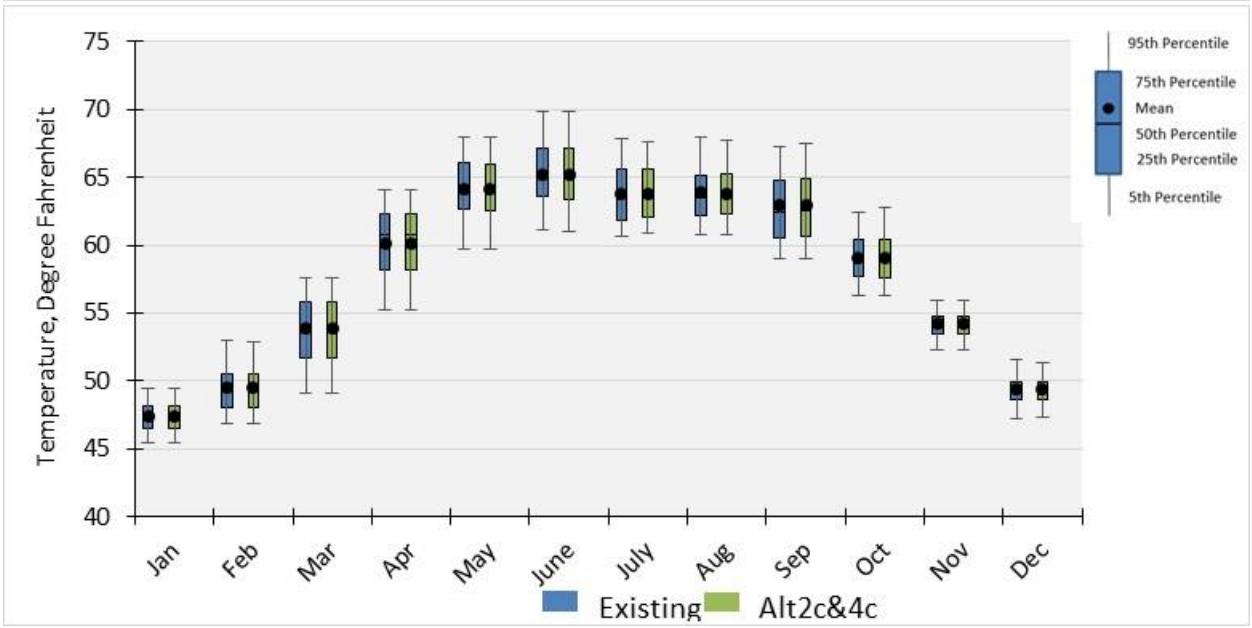
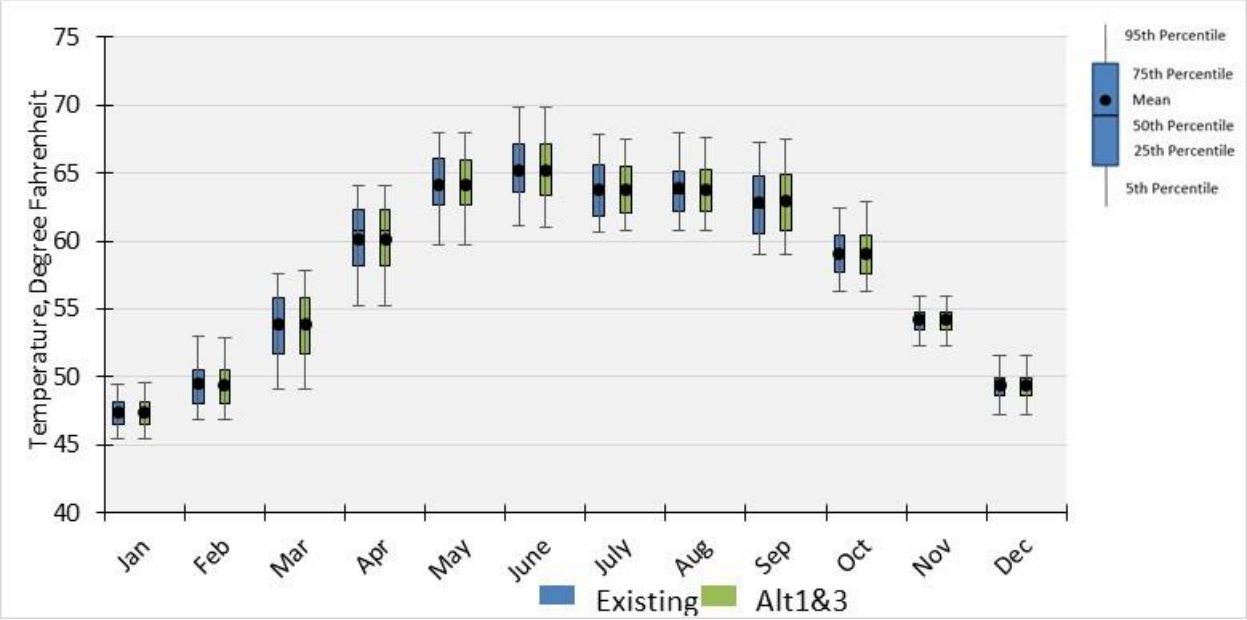


Figure 5A-D1.16.20. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



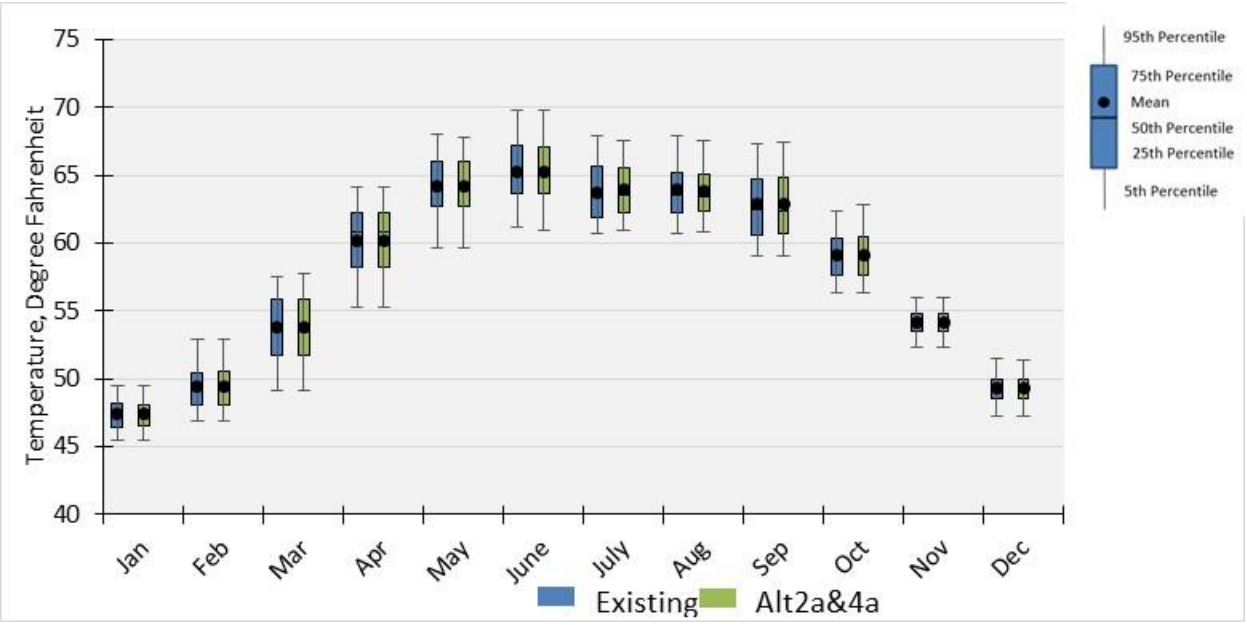


Figure 5A-D1.16.21. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

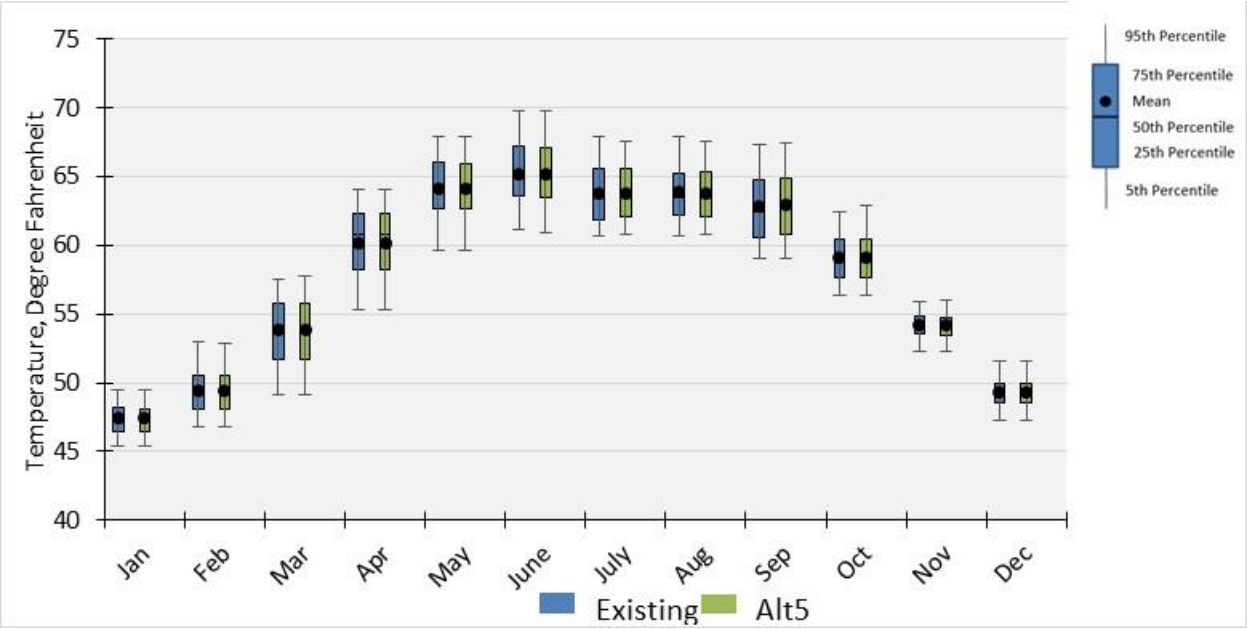
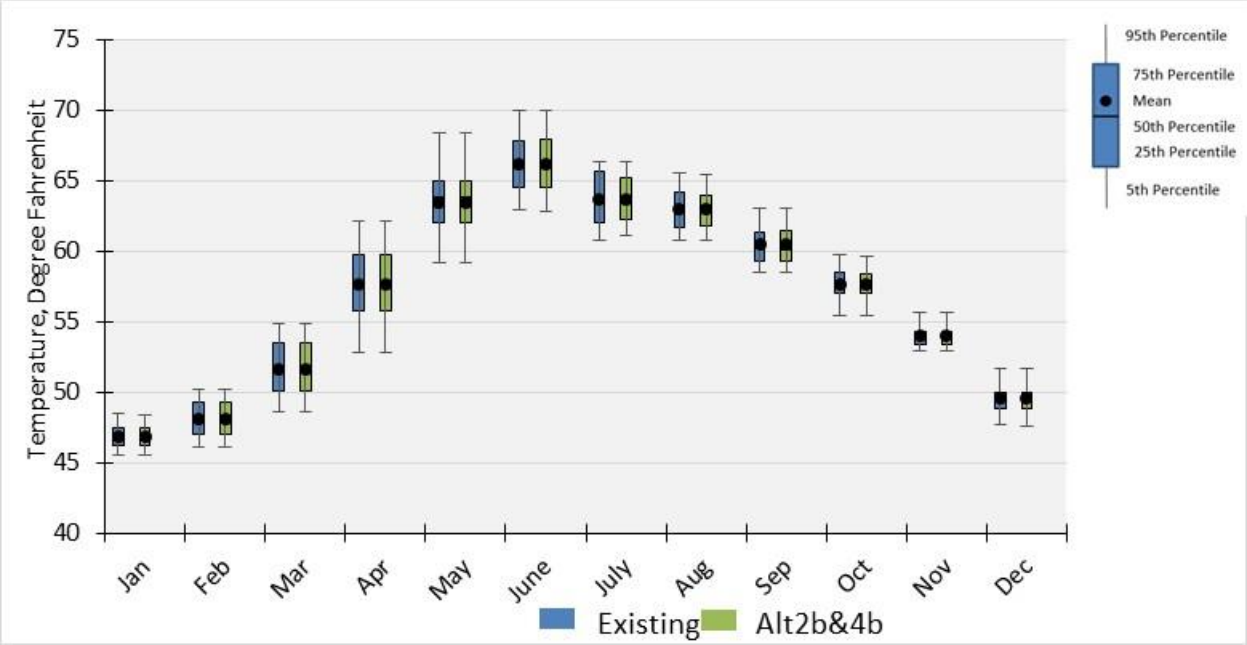


Figure 5A-D1.16.22. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



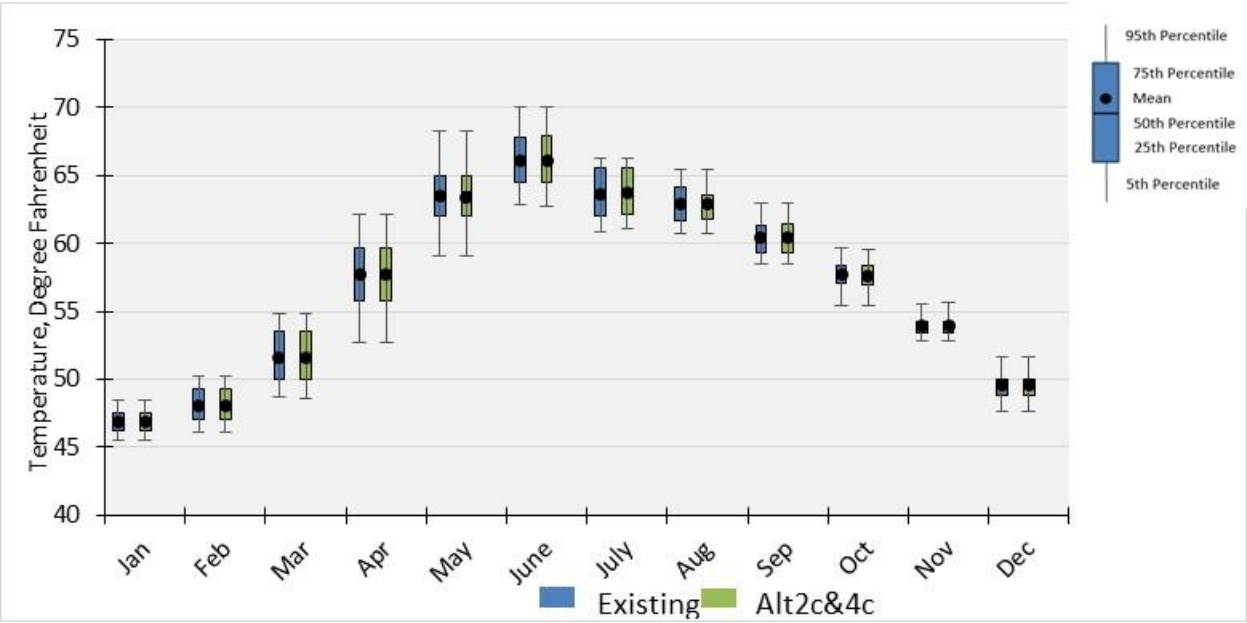


Figure 5A-D1.16.23. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

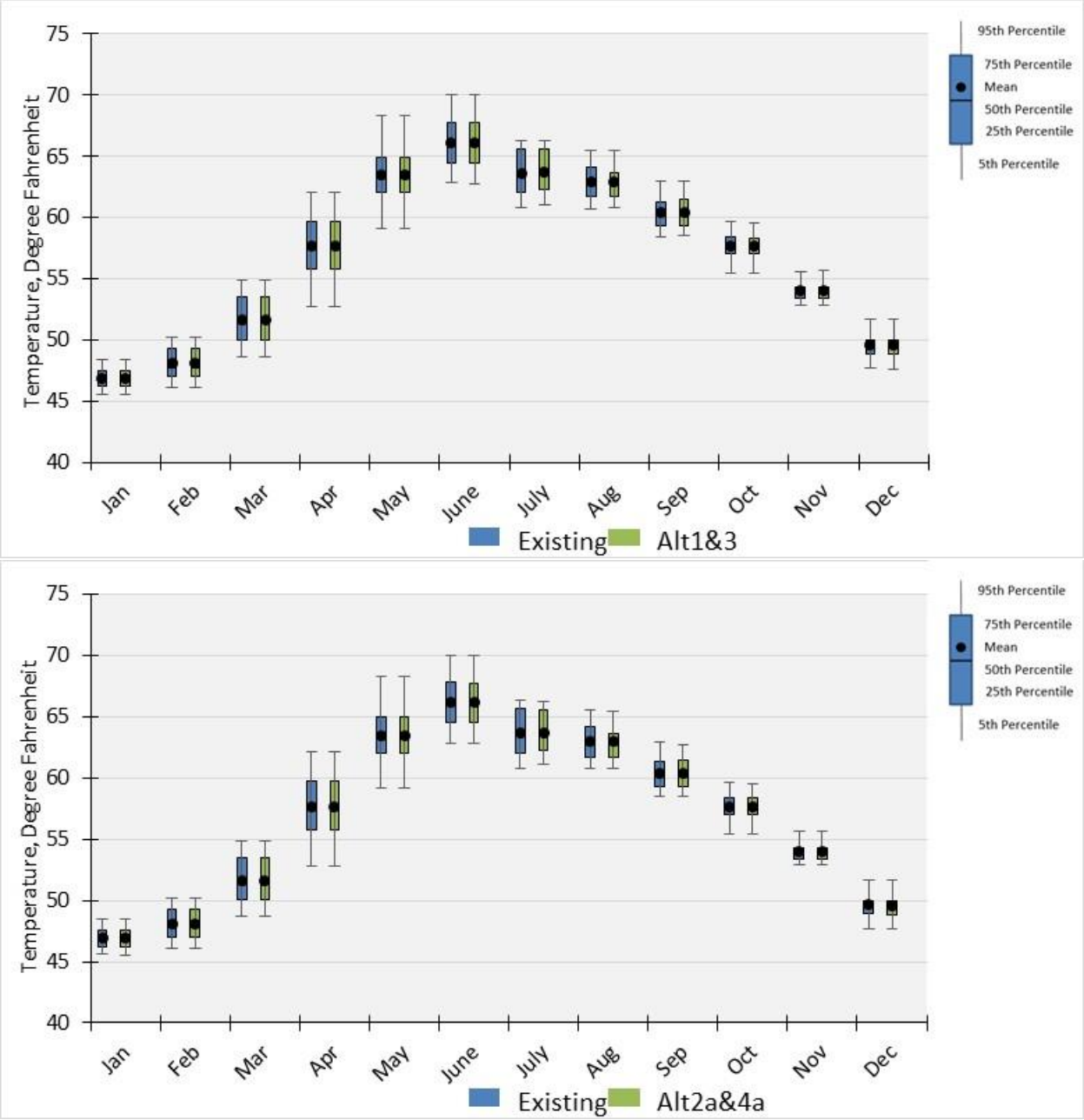


Figure 5A-D1.16.24. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

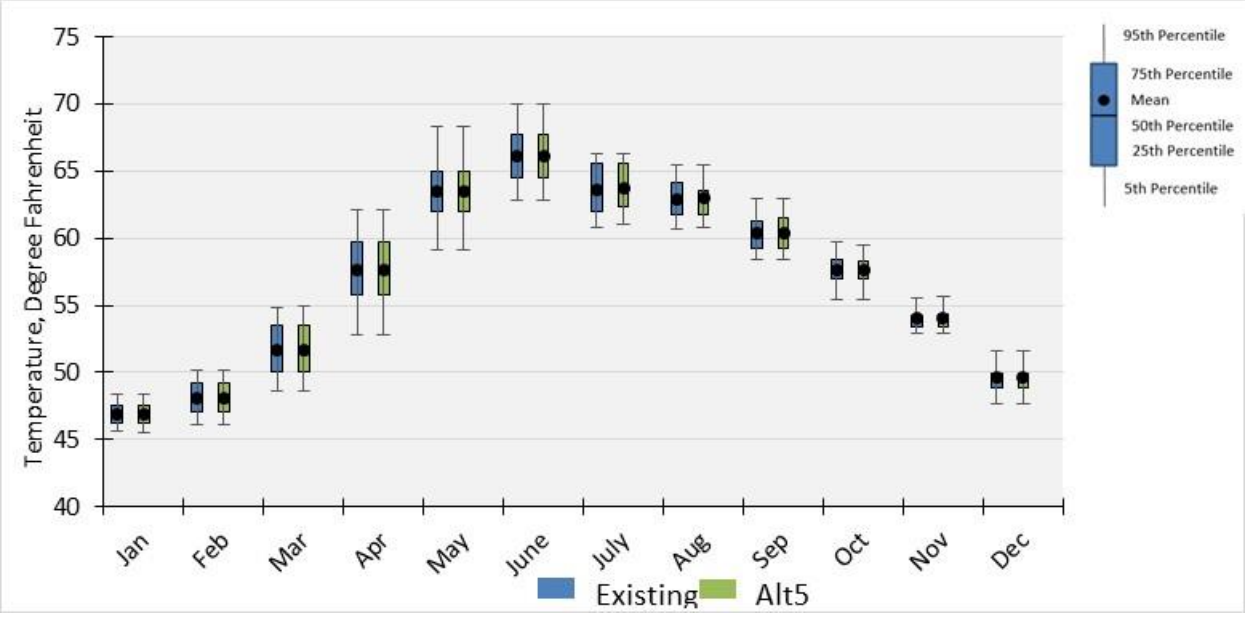
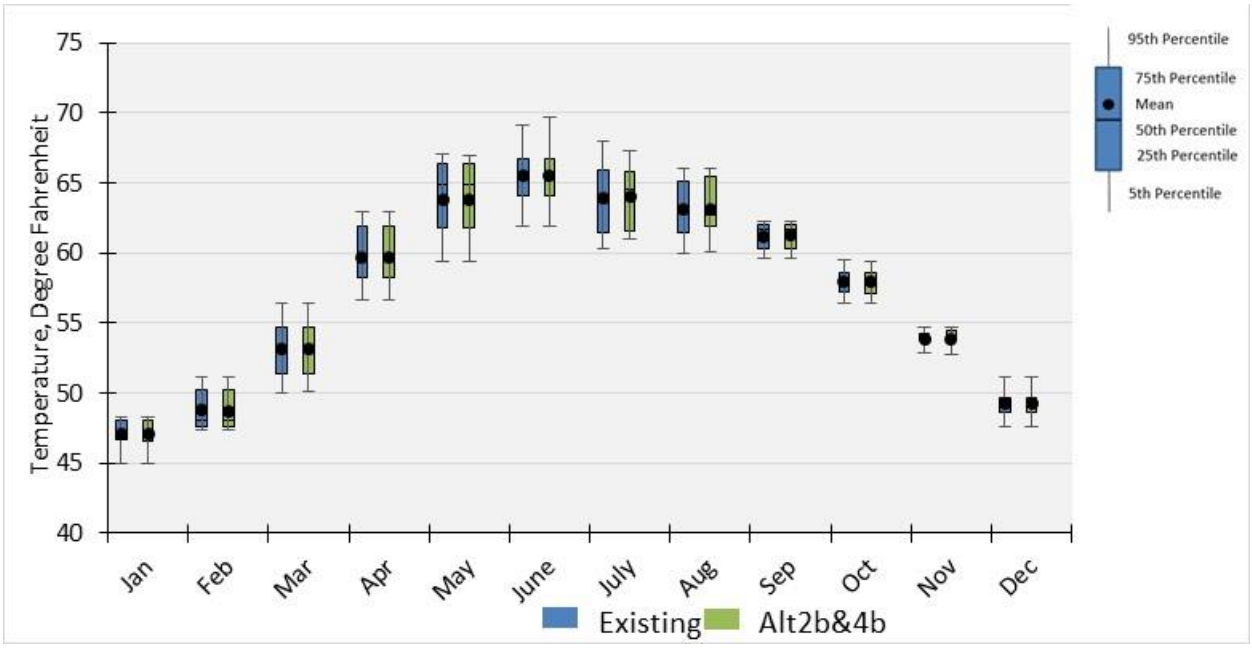


Figure 5A-D1.16.25. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



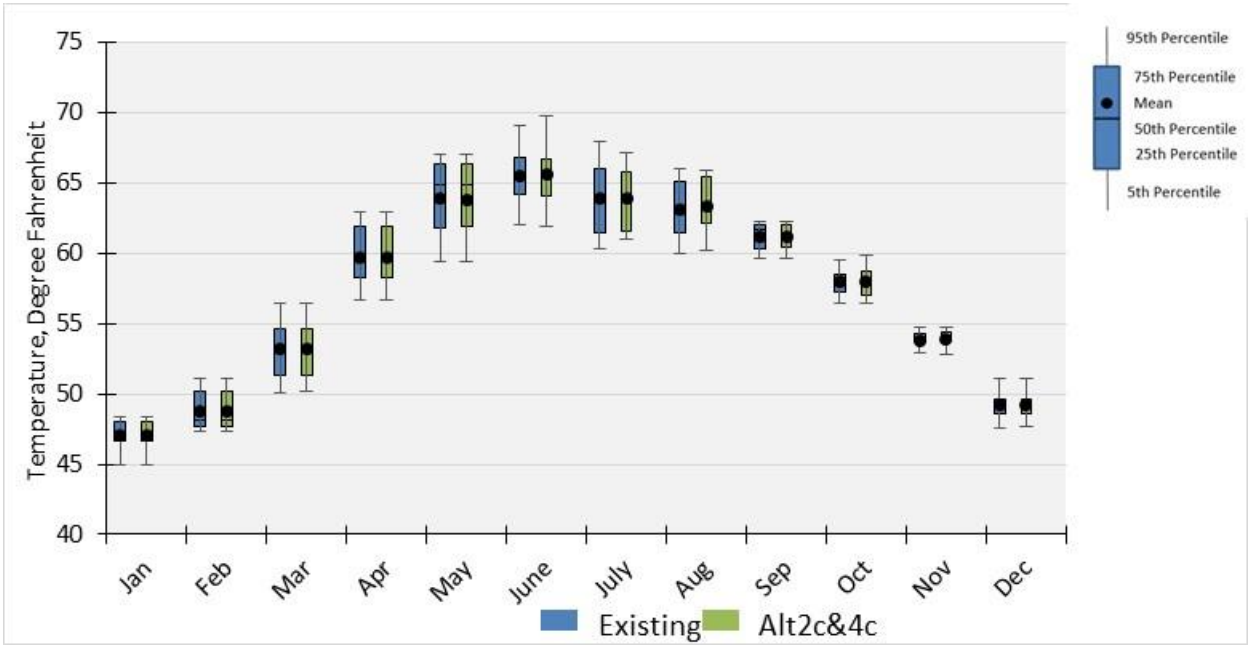
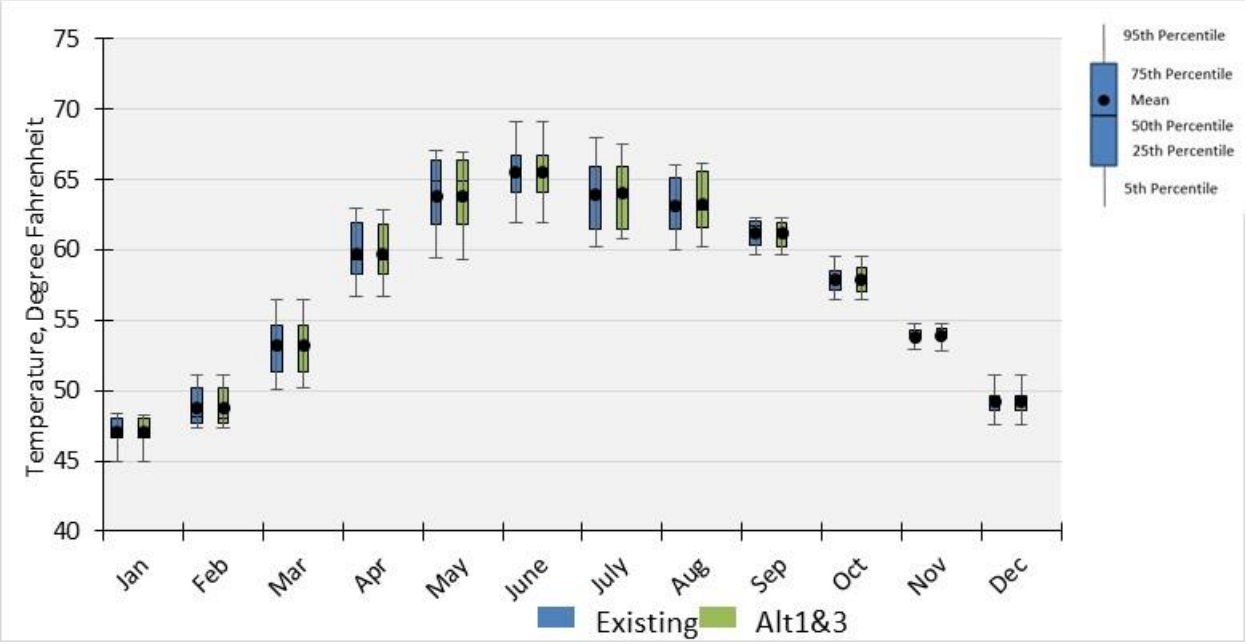


Figure 5A-D1.16.26. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



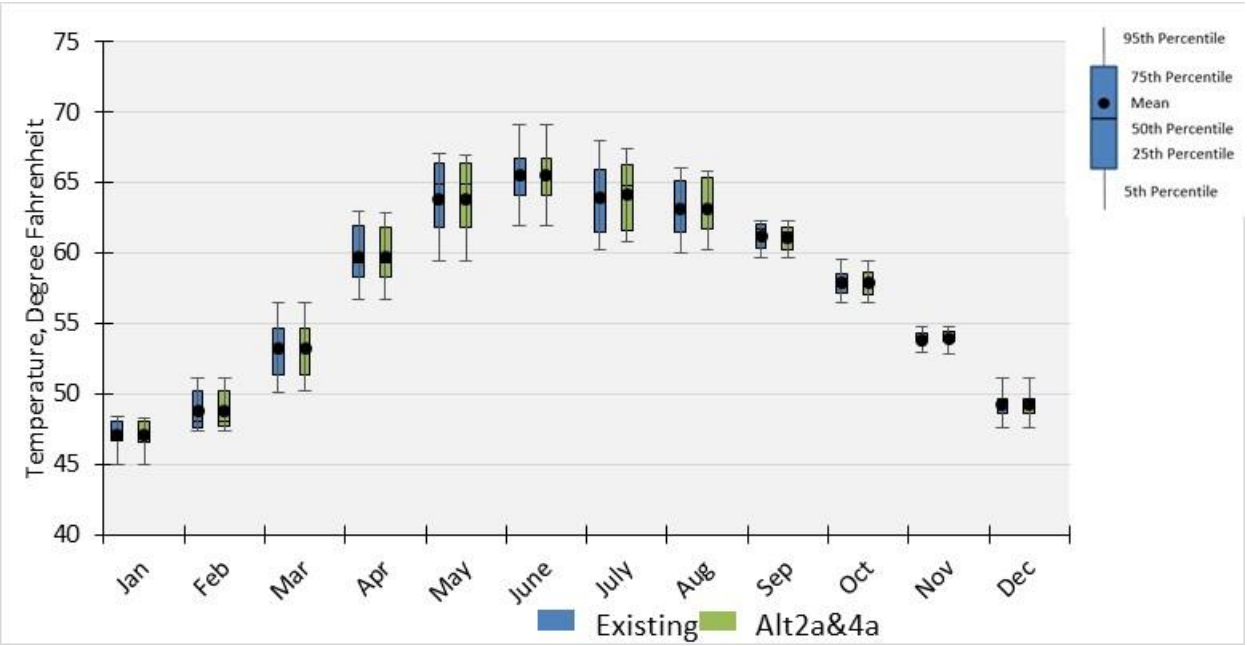


Figure 5A-D1.16.27. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

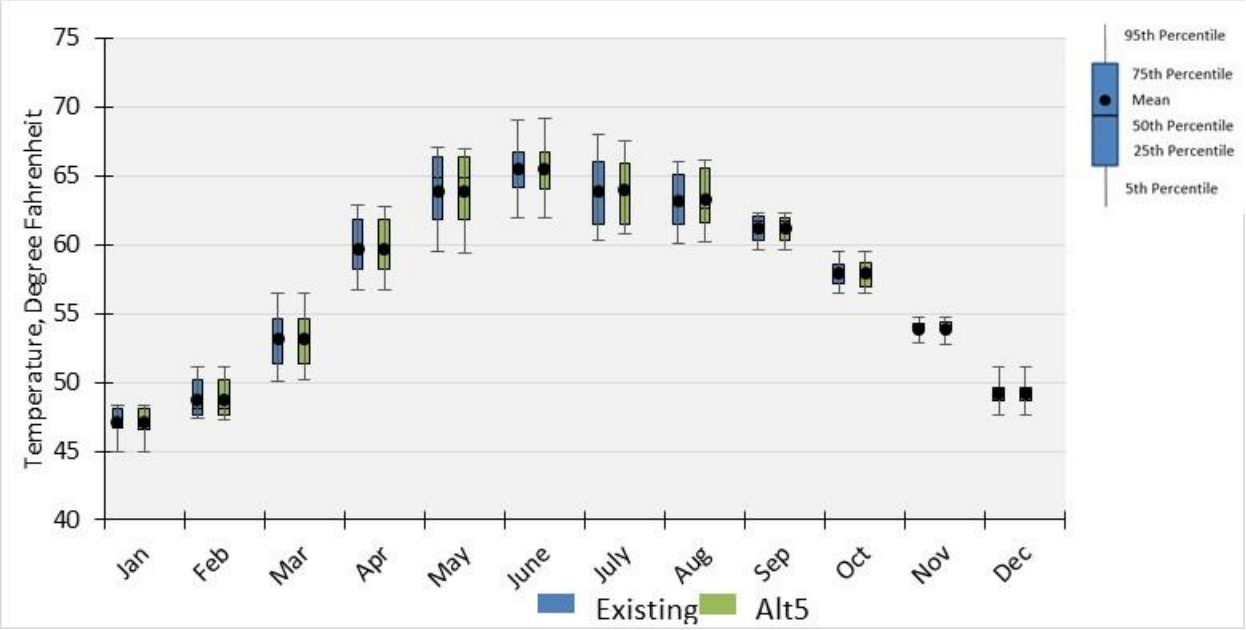
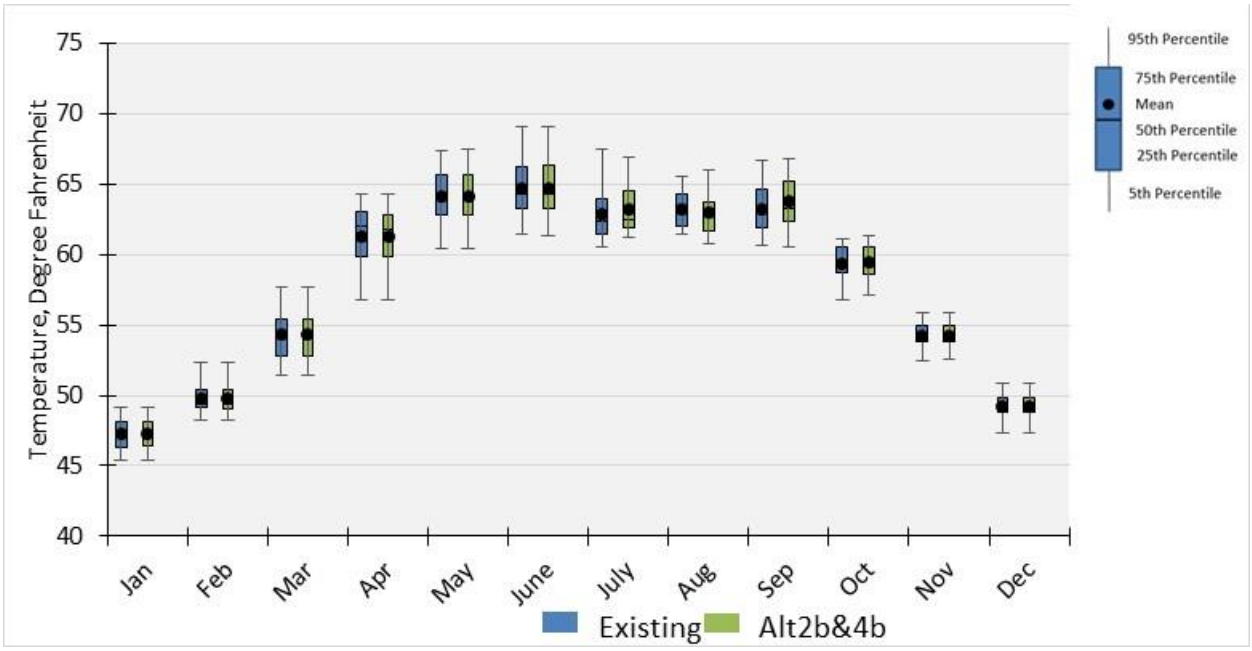


Figure 5A-D1.16.28. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



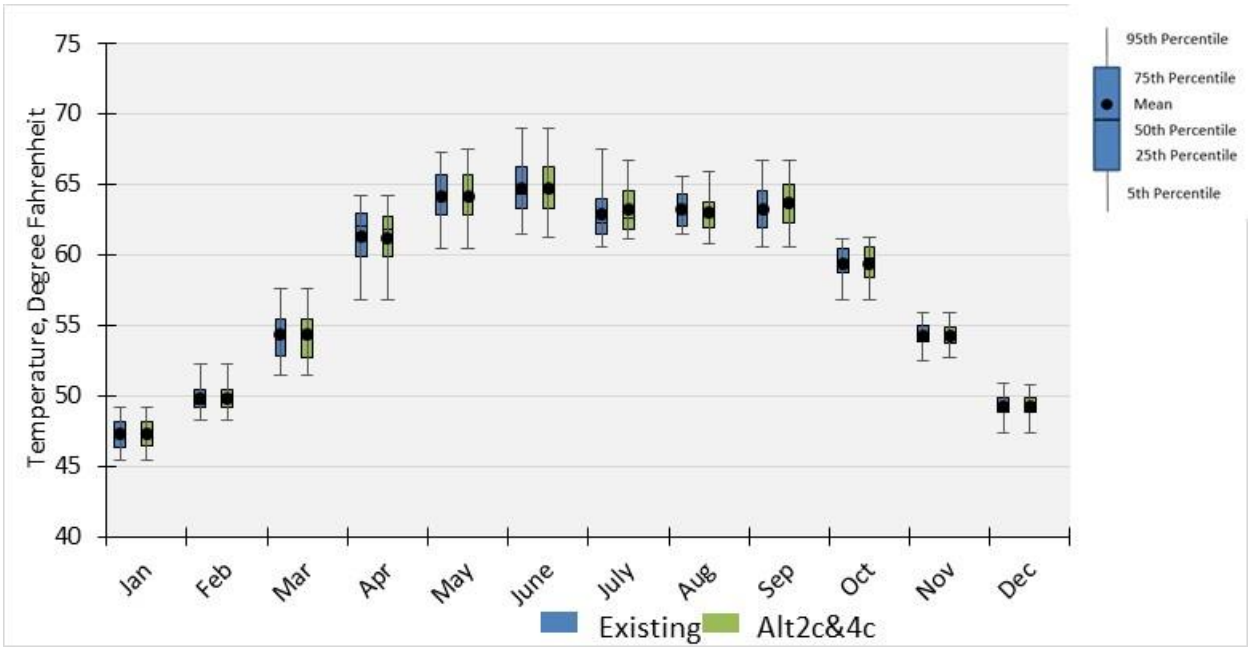
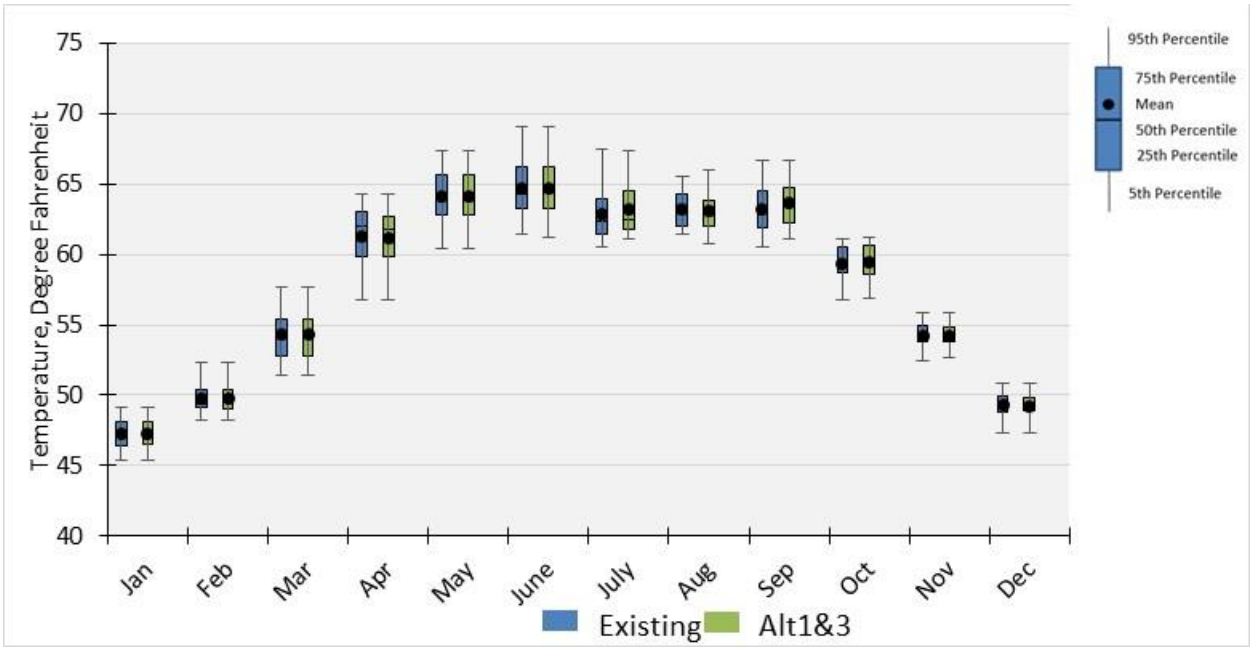


Figure 5A-D1.16.29. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



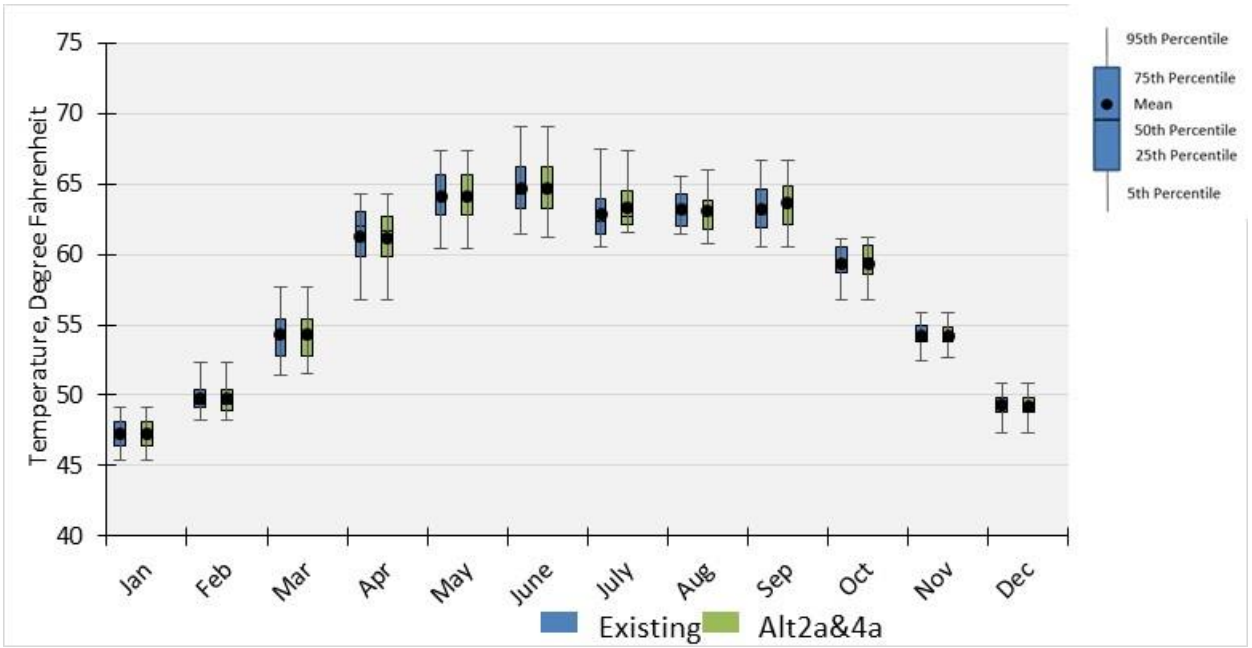


Figure 5A-D1.16.30. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

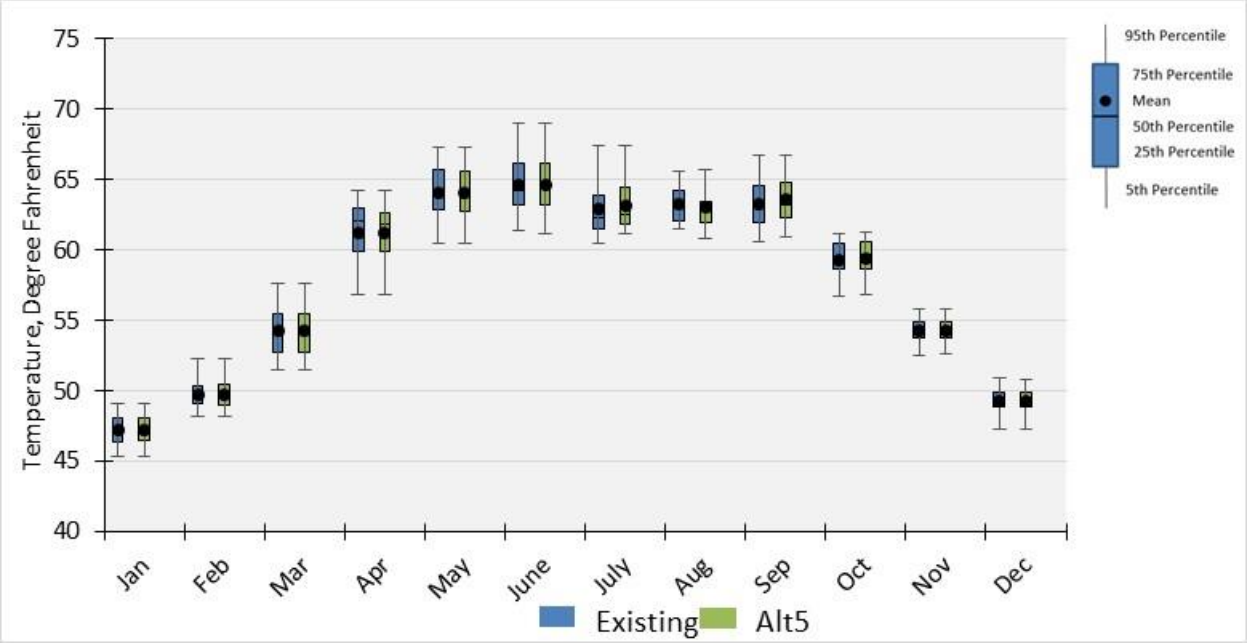


Figure 5A-D1.16.31. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions

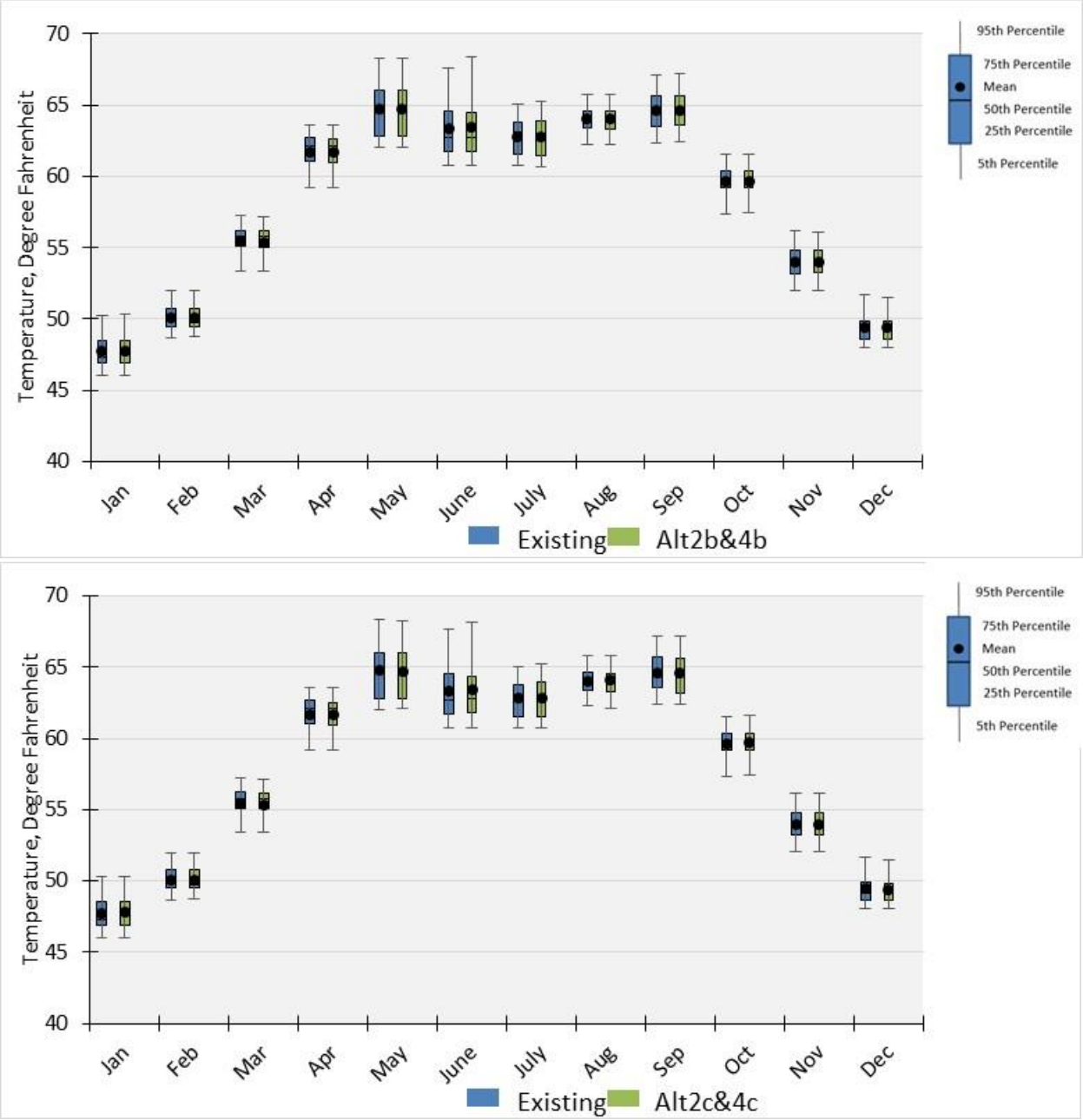
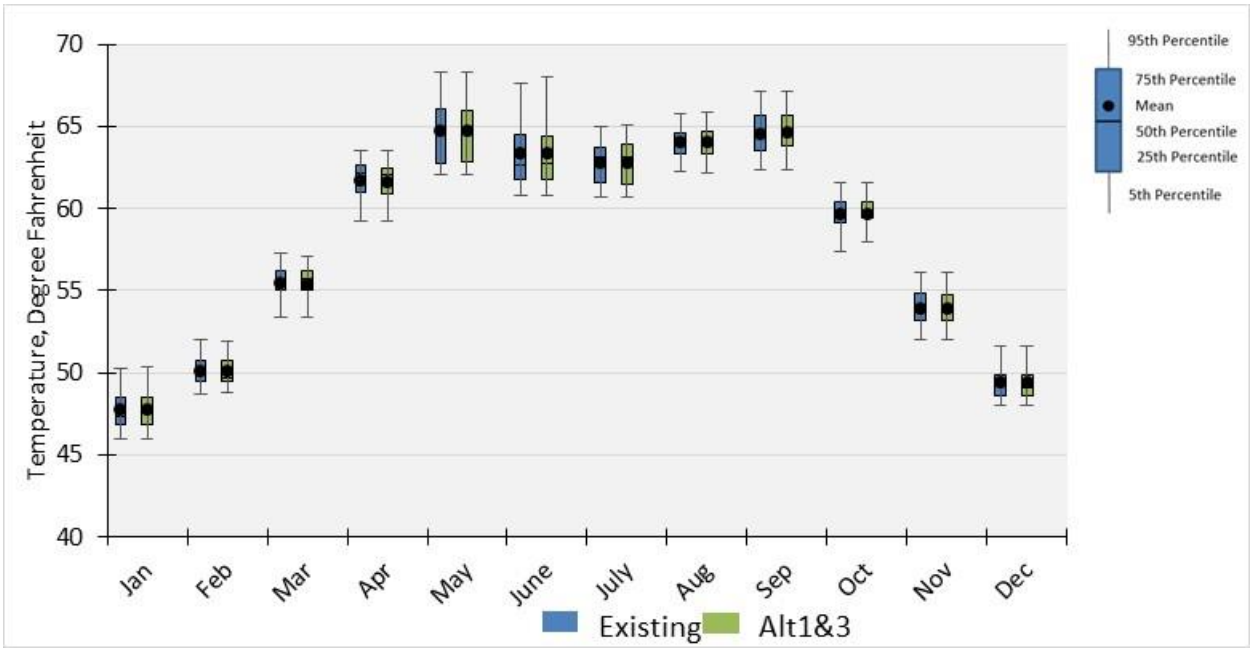


Figure 5A-D1.16.32. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



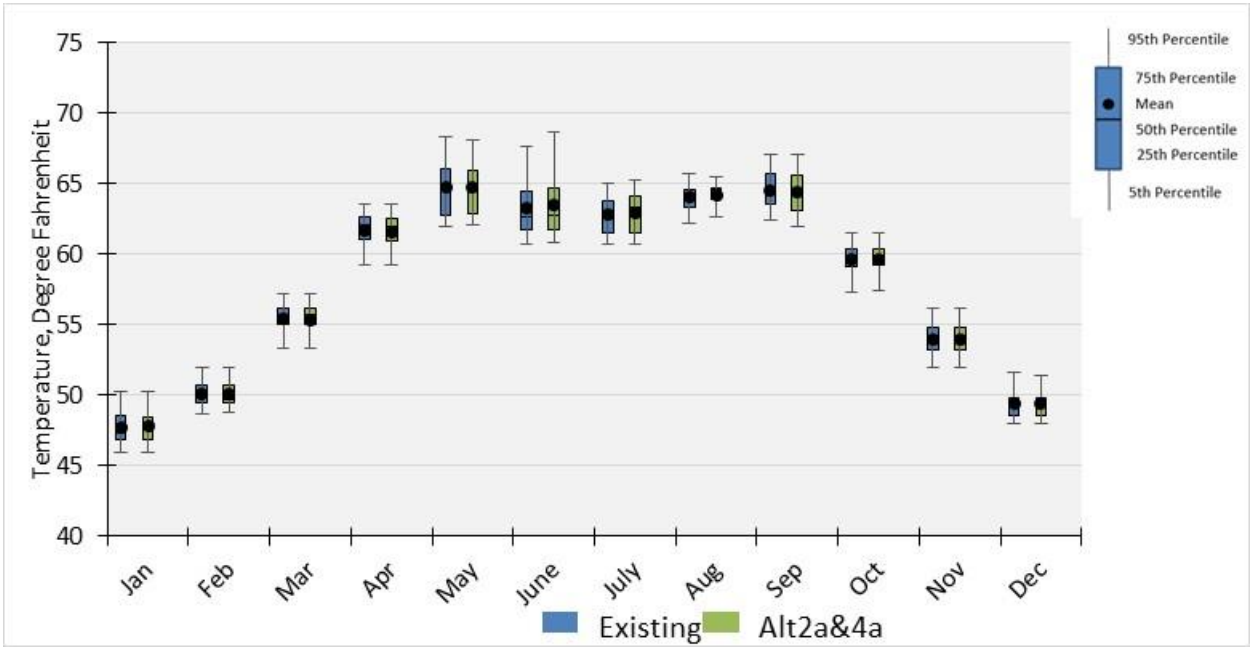


Figure 5A-D1.16.33. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

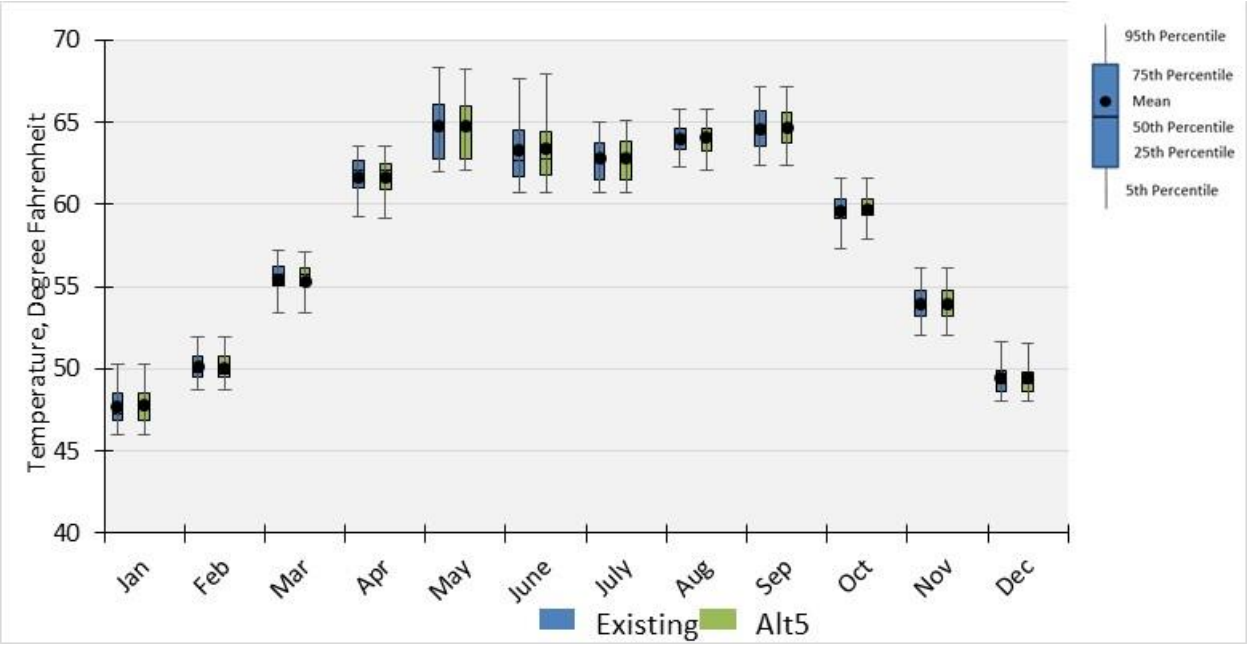
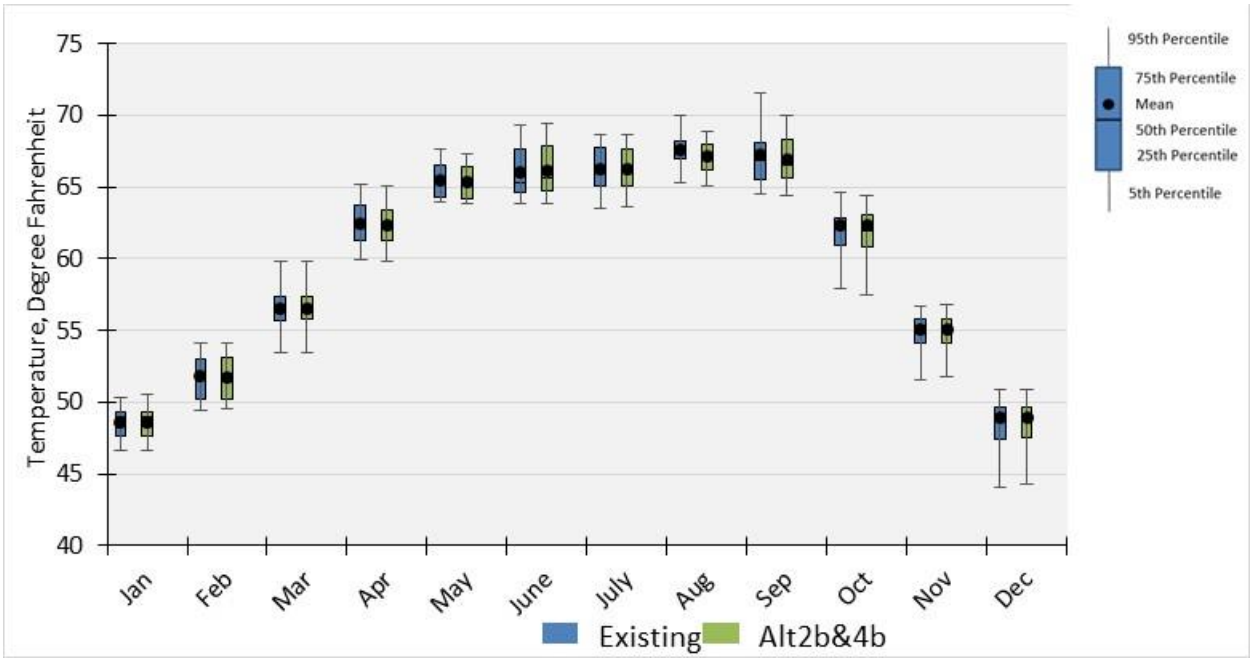


Figure 5A-D1.16.34. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



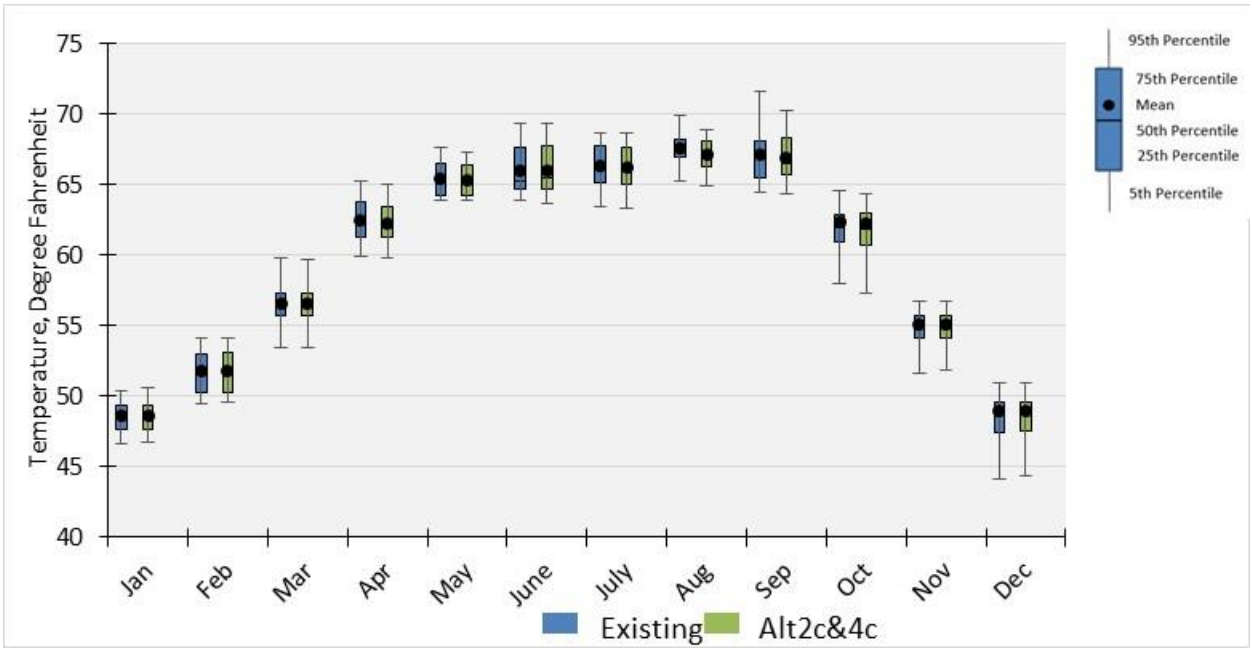
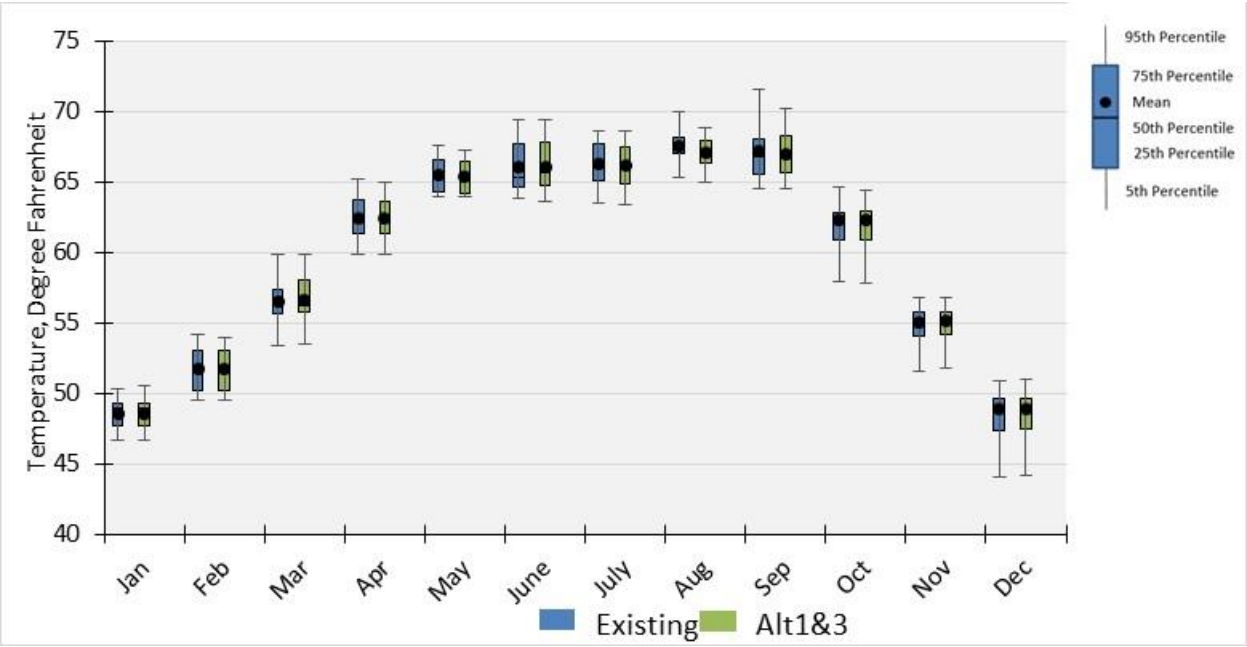


Figure 5A-D1.16.35. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



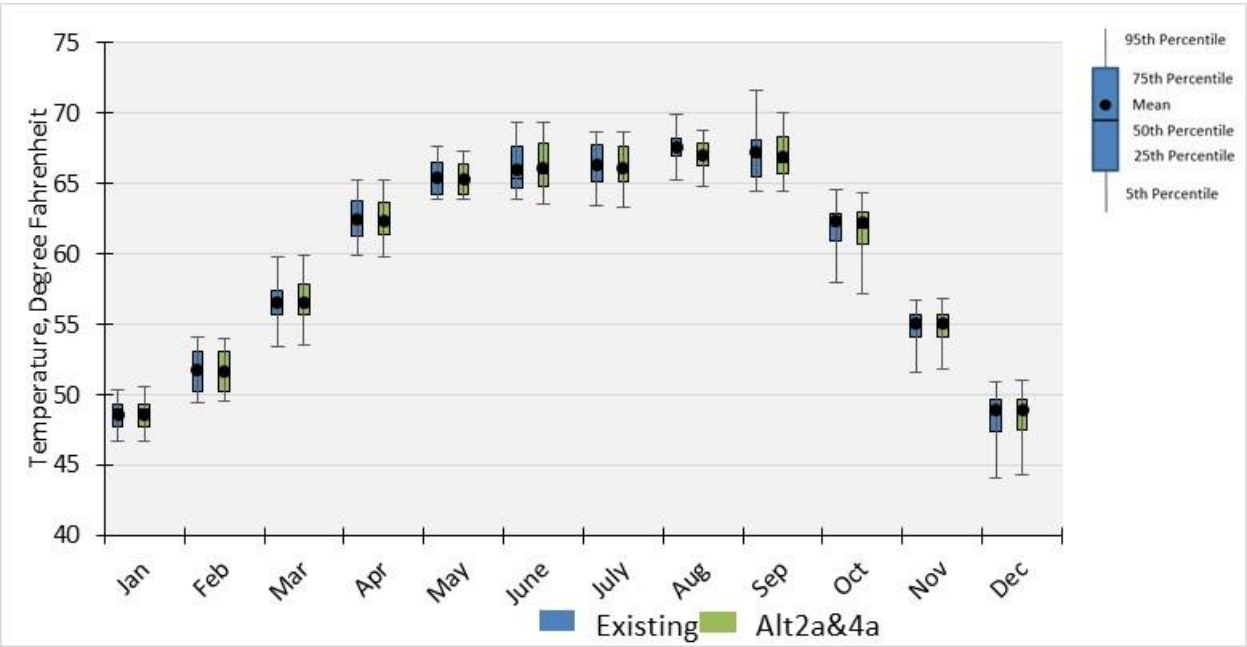


Figure 5A-D1.16.36. Sacramento River at Butte City, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

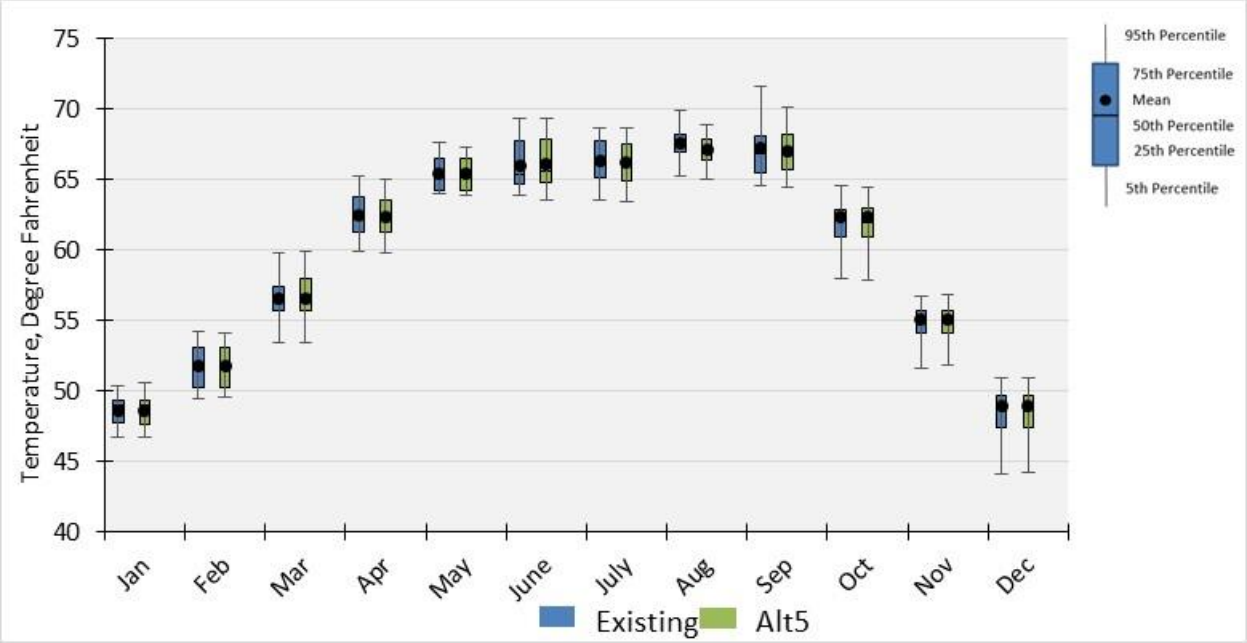
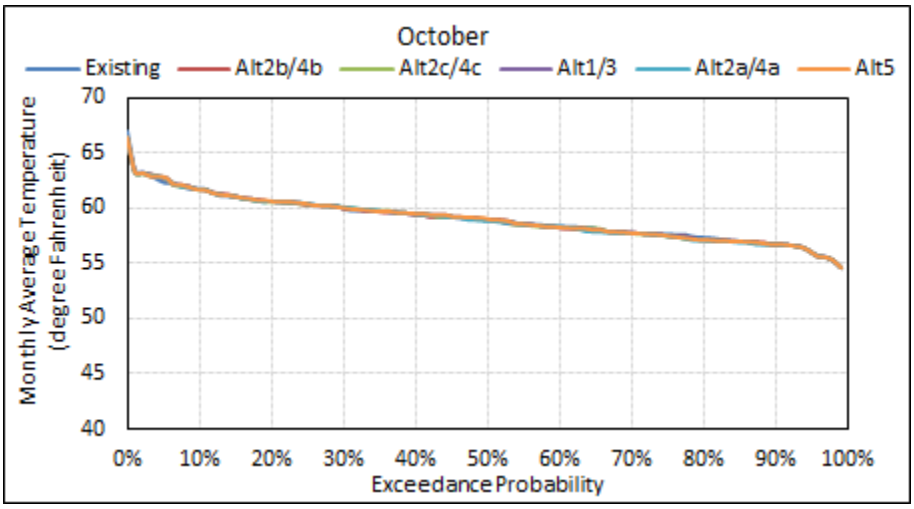
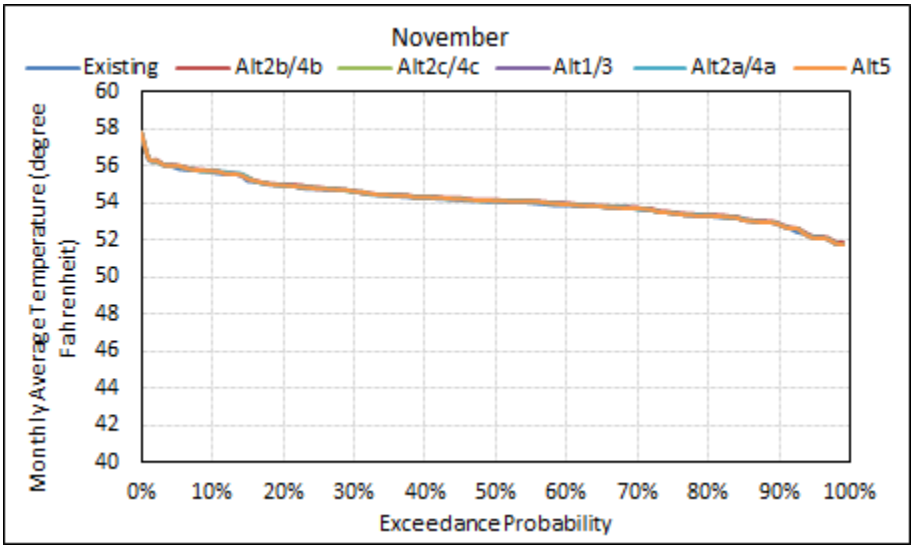


Figure 5A-D1.16.37-A. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





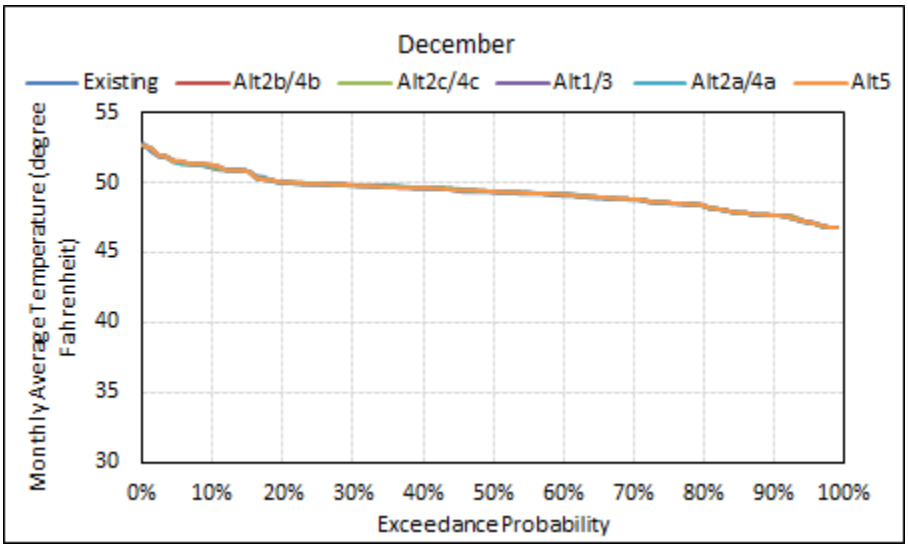
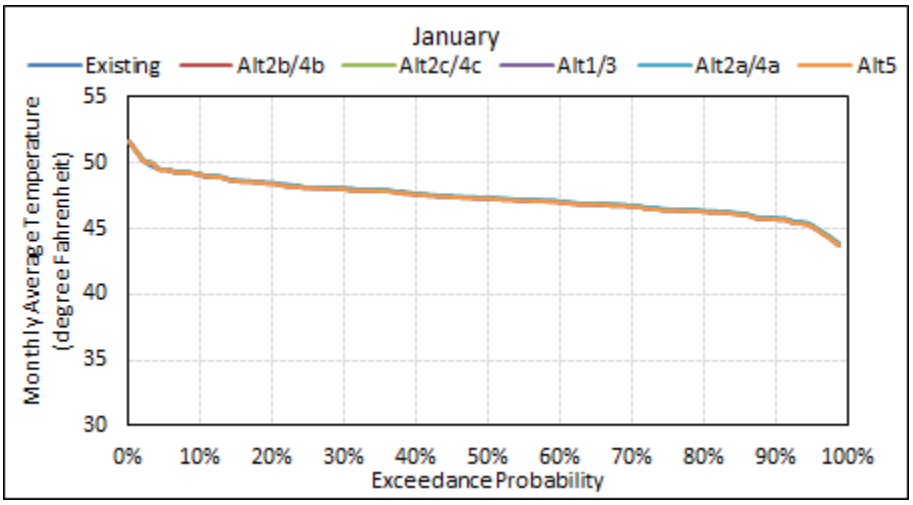
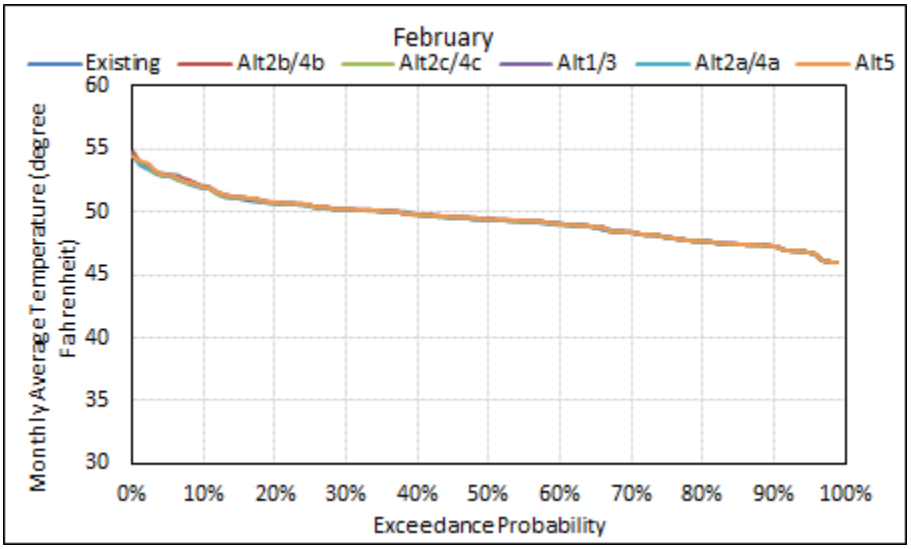


Figure 5A-D1.16.37-B. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





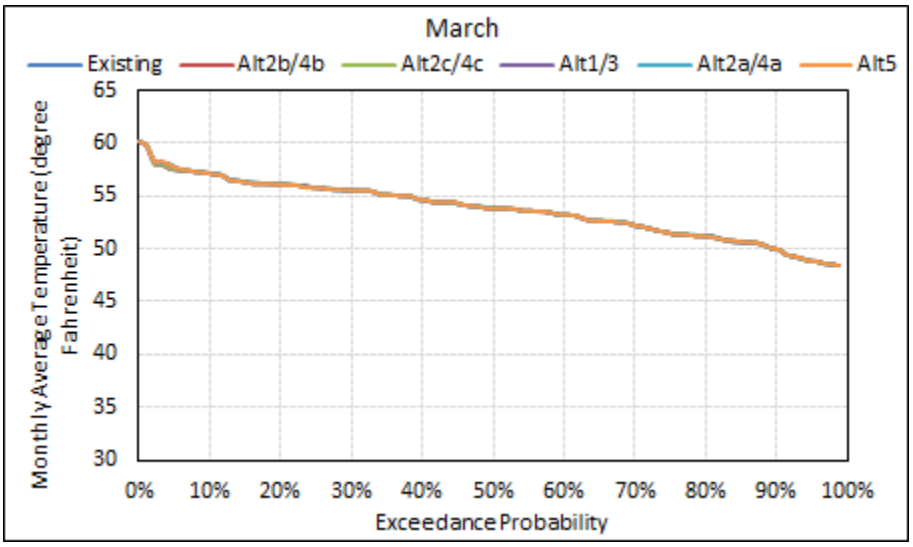
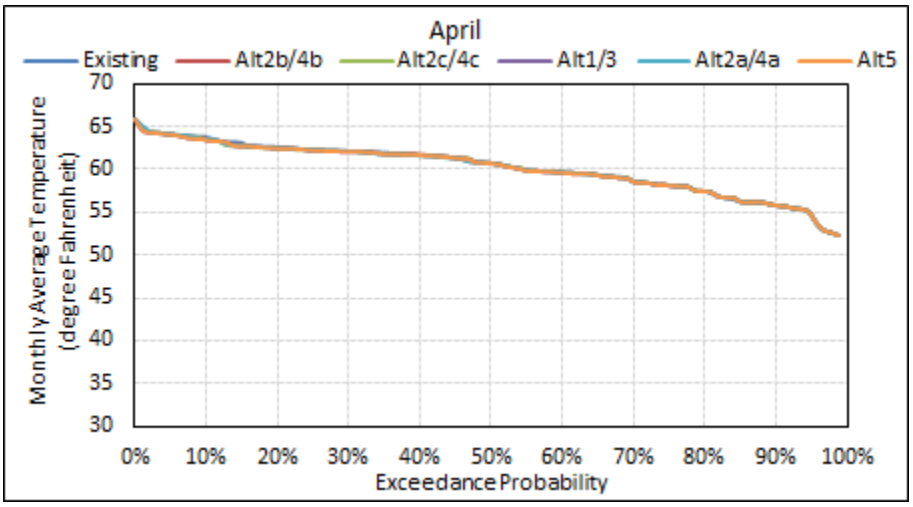
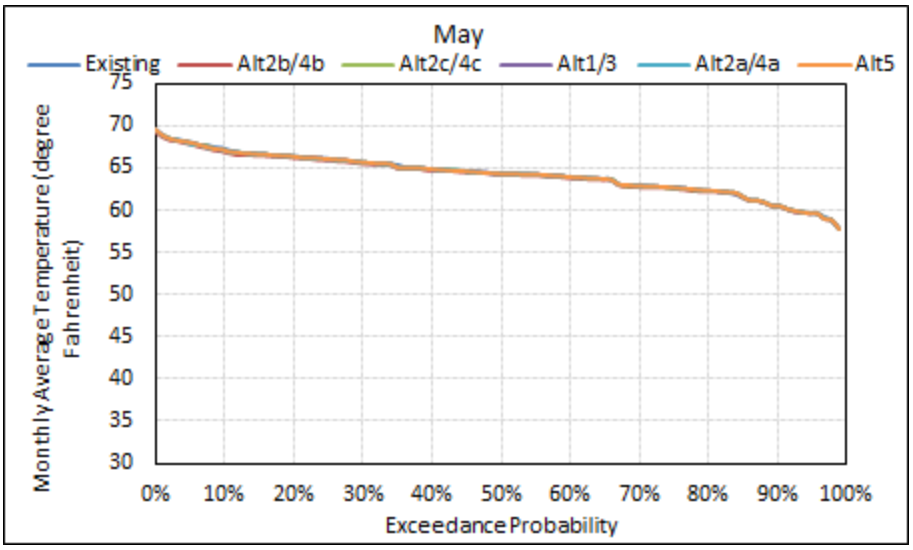


Figure 5A-D1.16.37-C. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





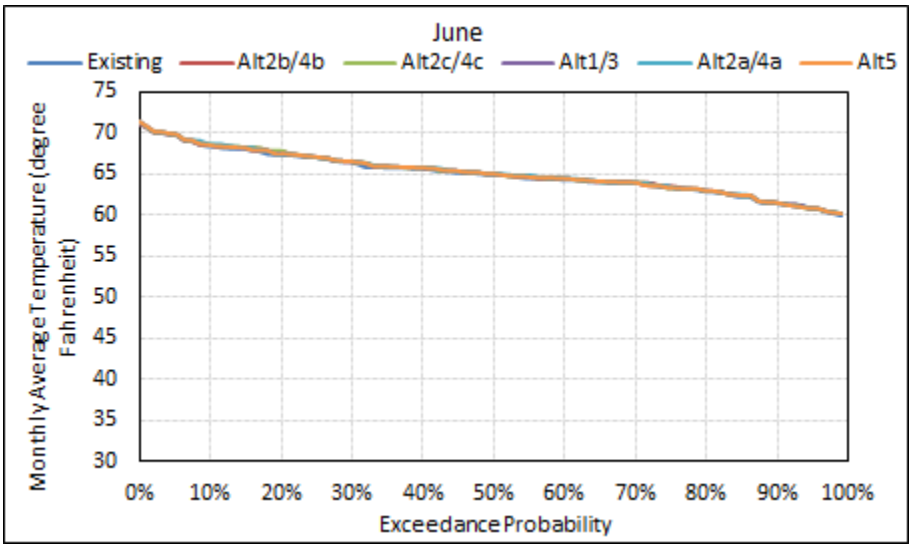
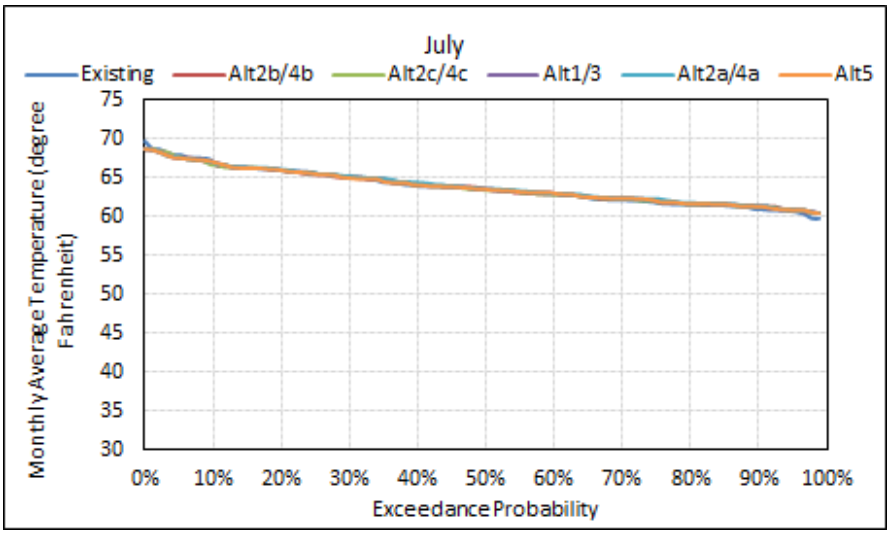
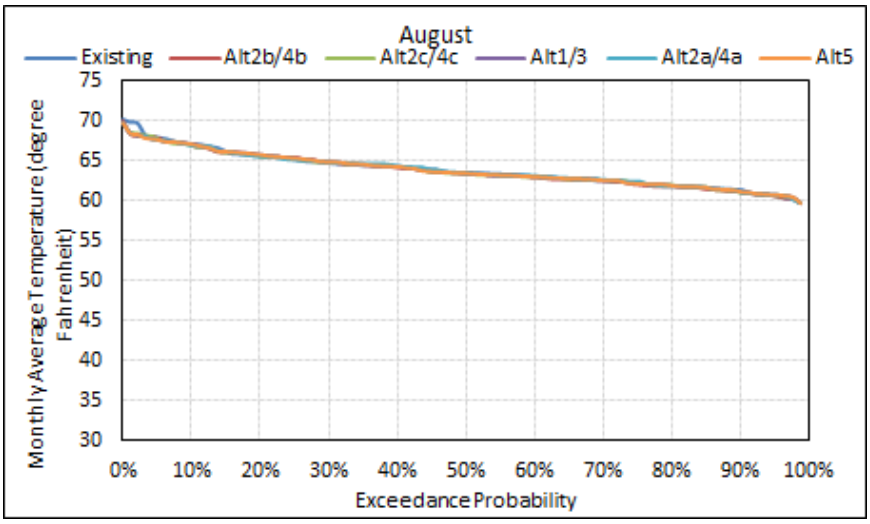


Figure 5A-D1.16.37-D. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





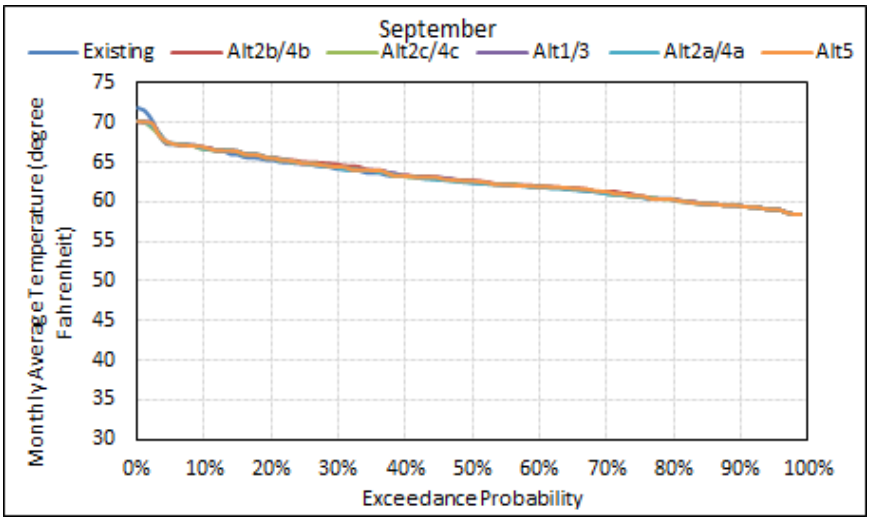


Figure 5A-D1.16.38. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

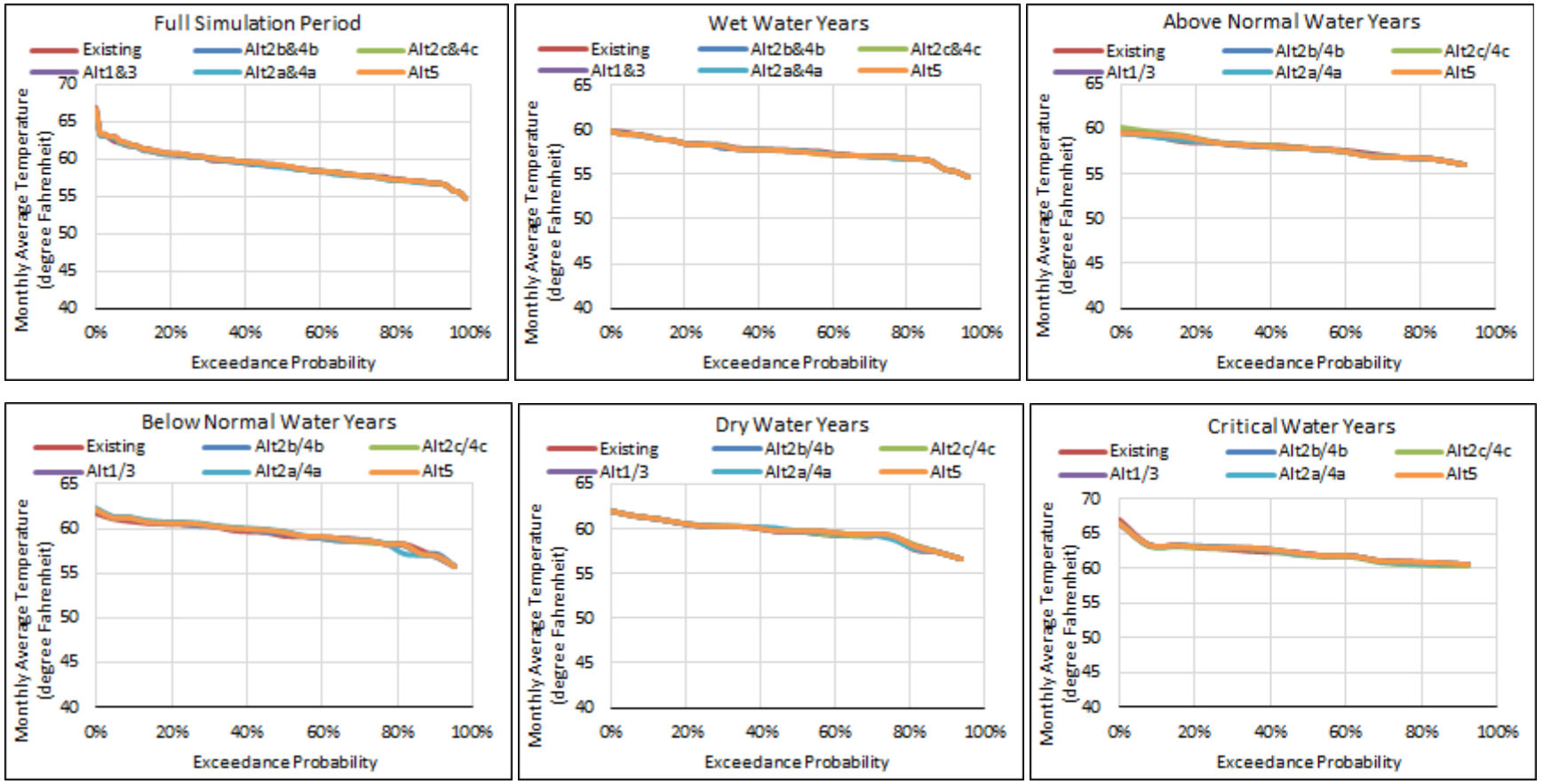


Figure 5A-D1.16.39. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

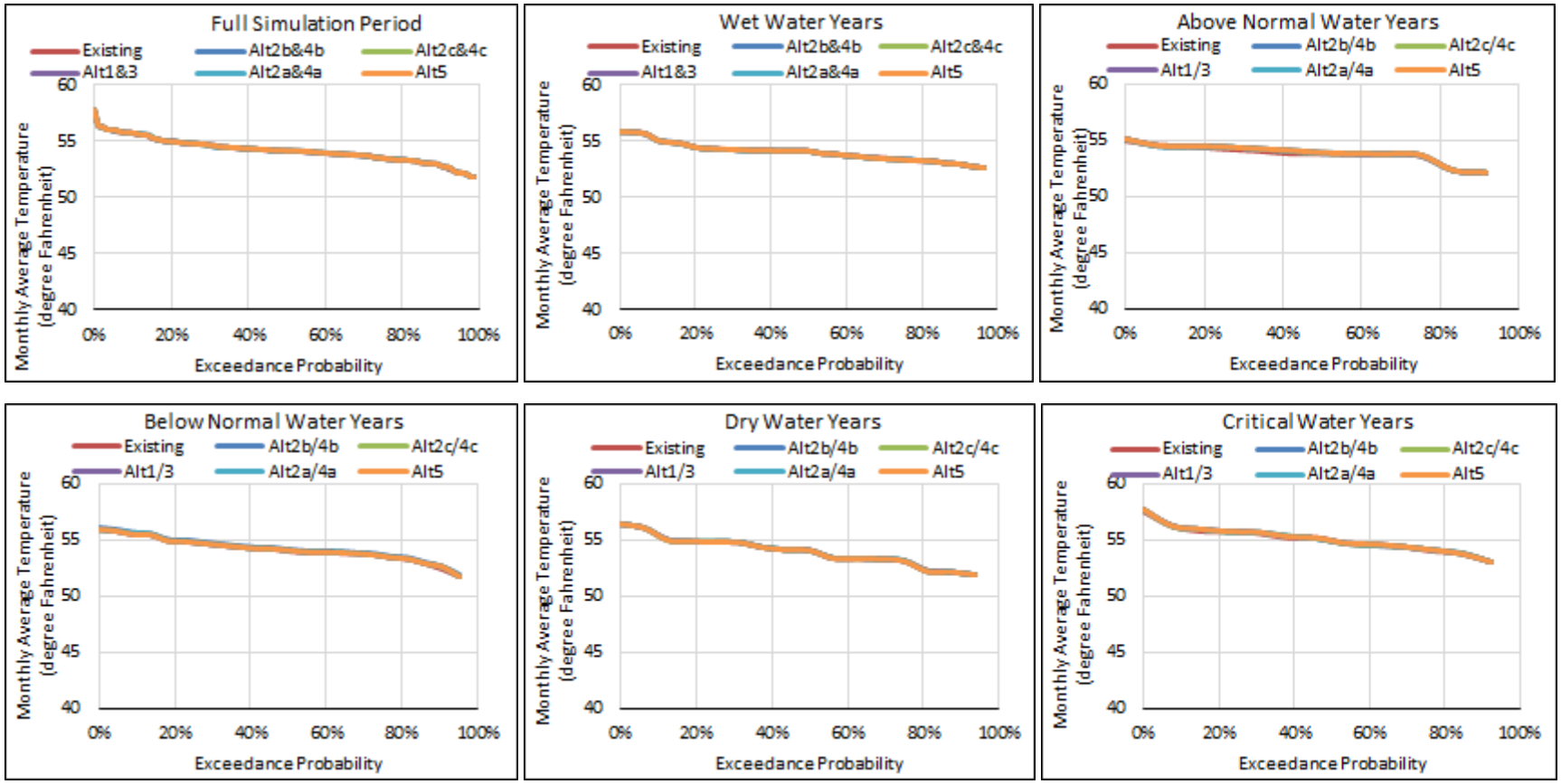


Figure 5A-D1.16.40. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

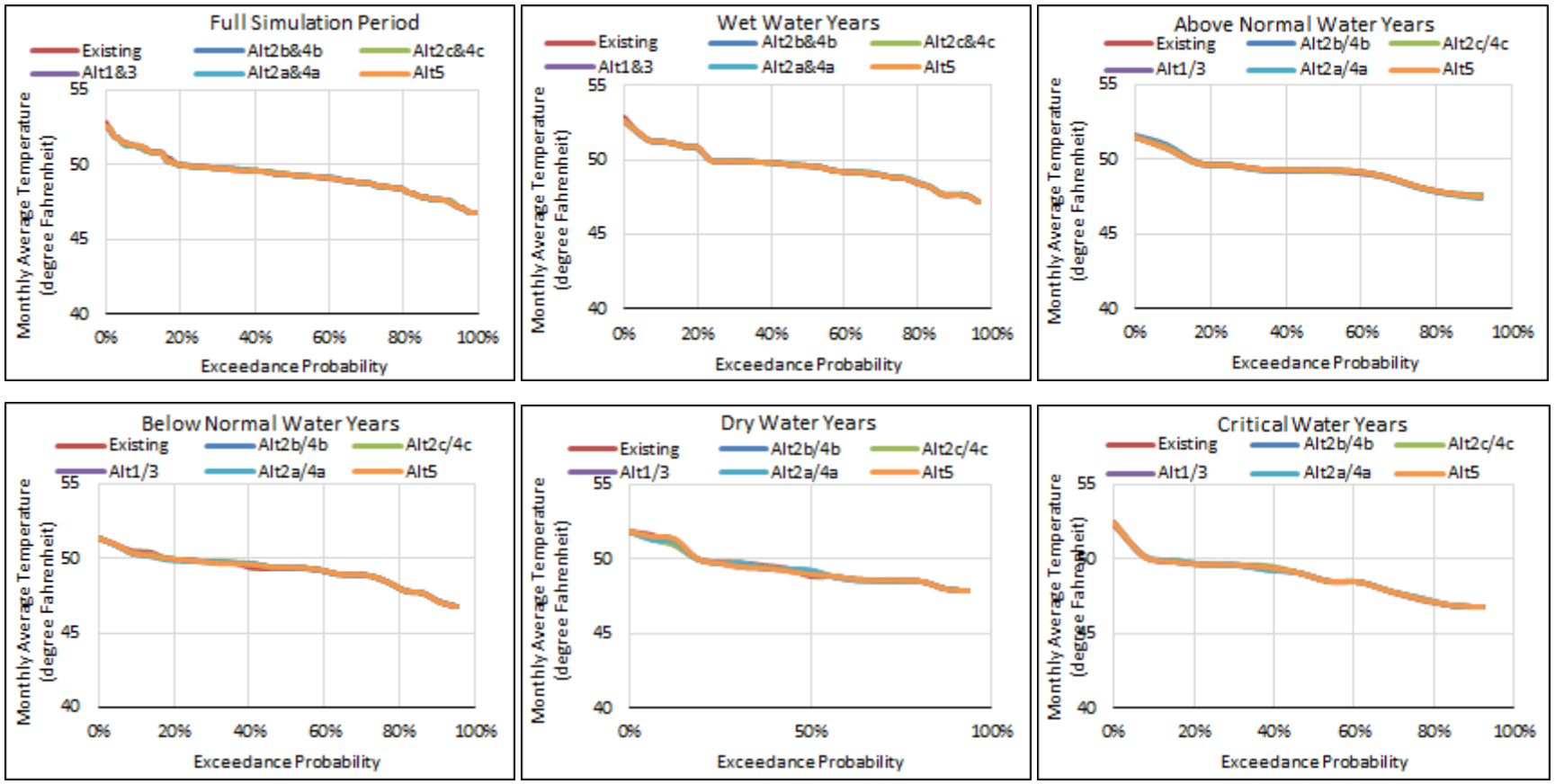


Figure 5A-D1.16.41. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

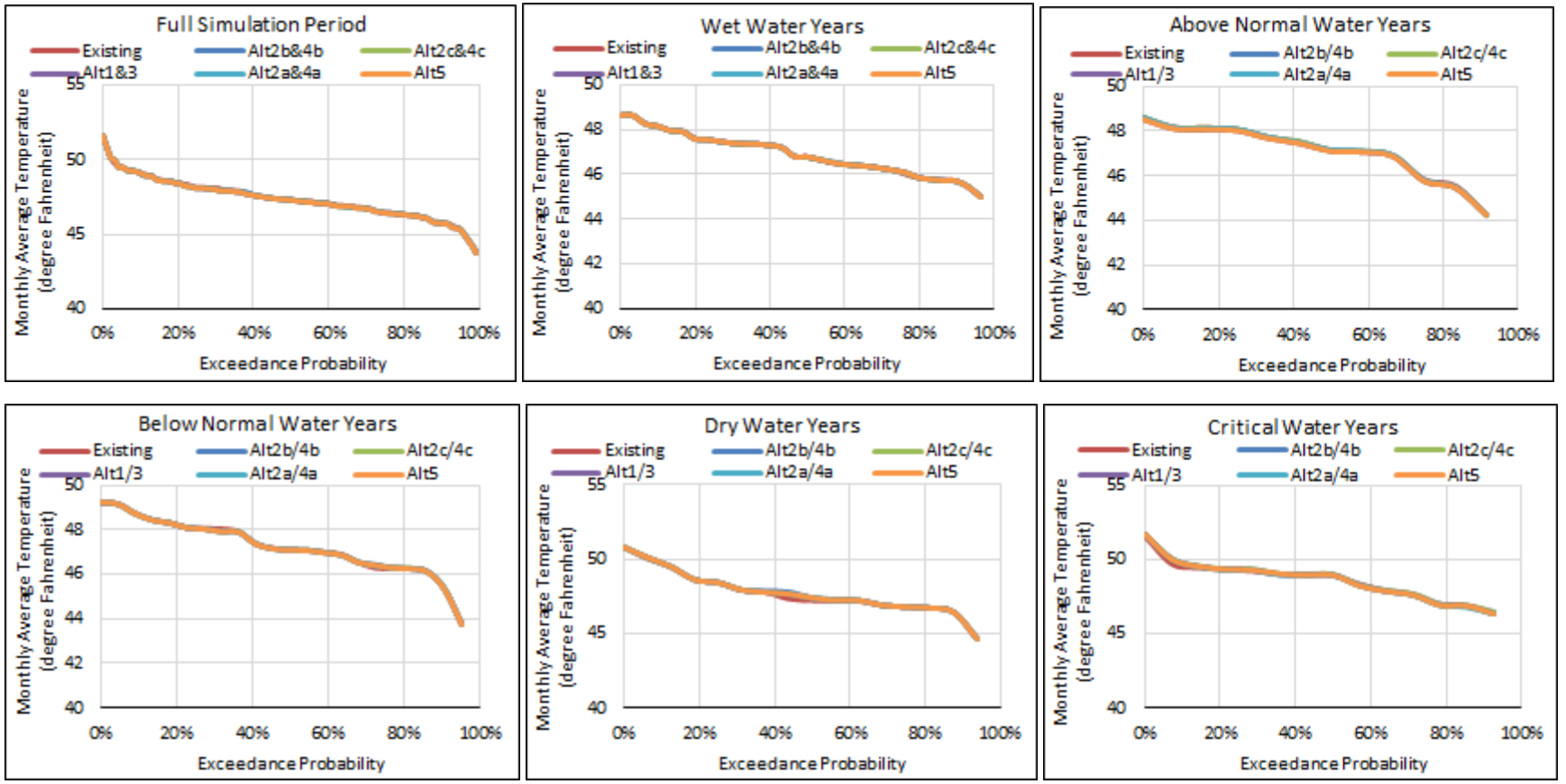


Figure 5A-D1.16.42. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

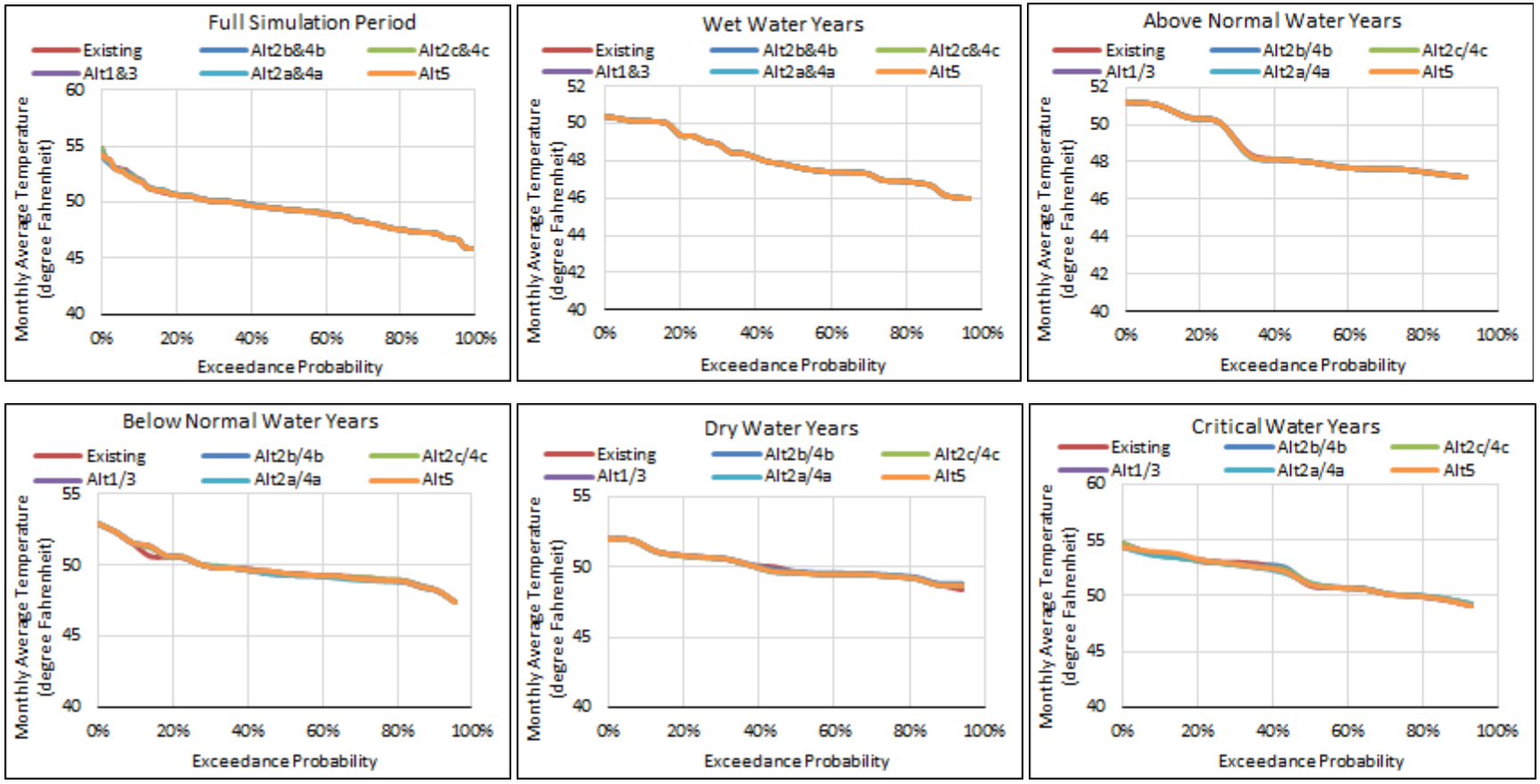


Figure 5A-D1.16.43. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

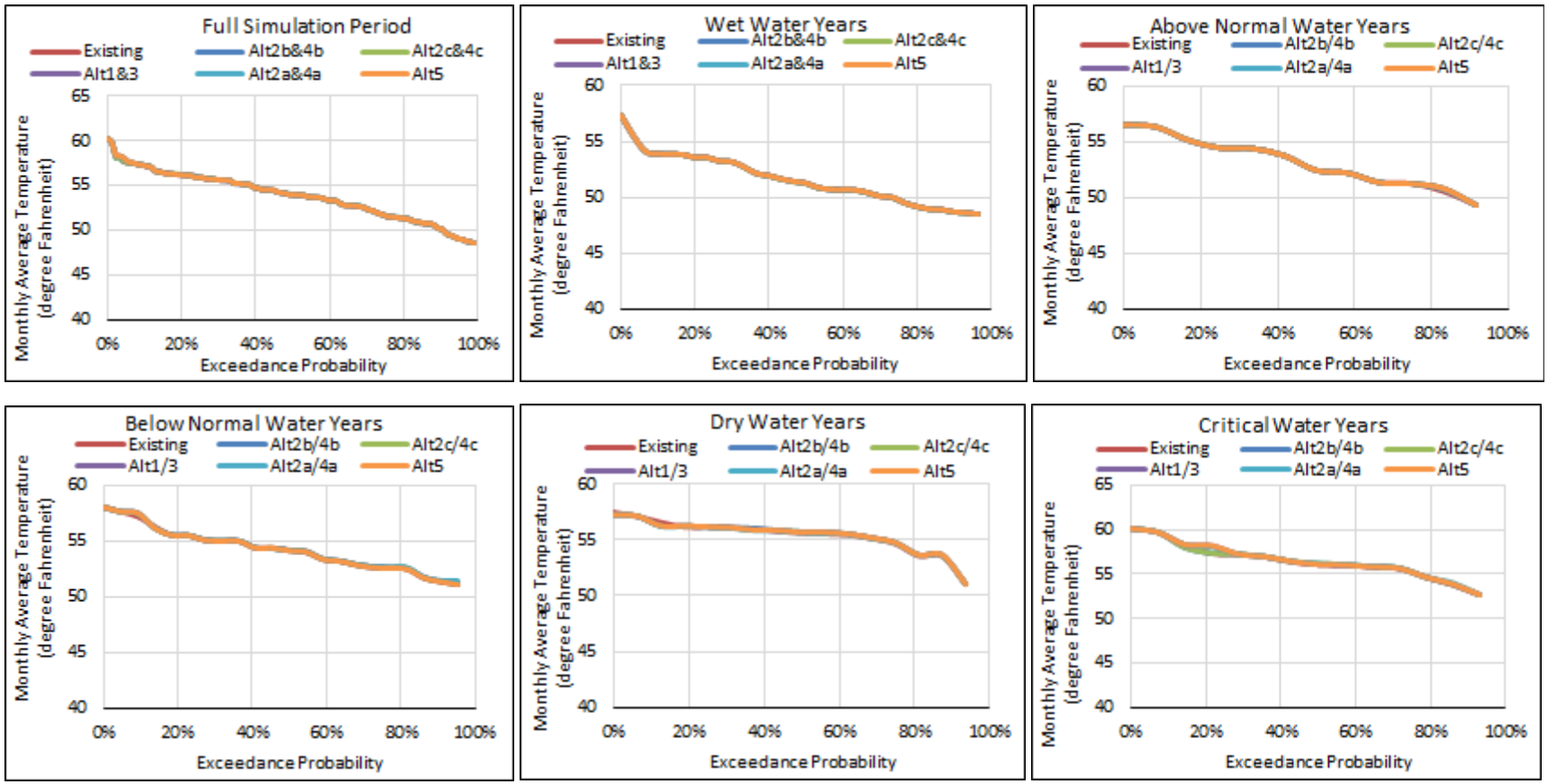


Figure 5A-D1.16.44. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

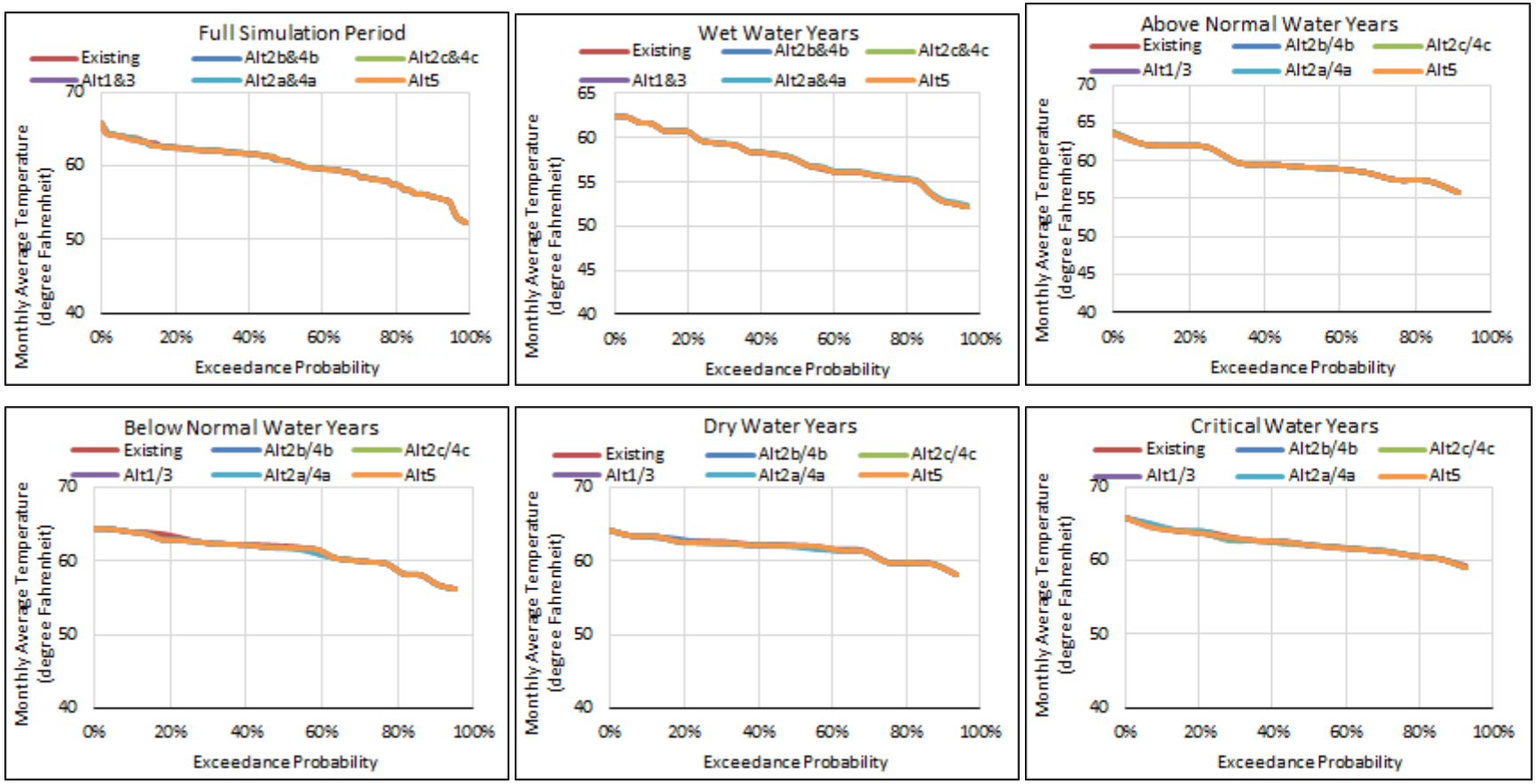


Figure 5A-D1.16.45. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

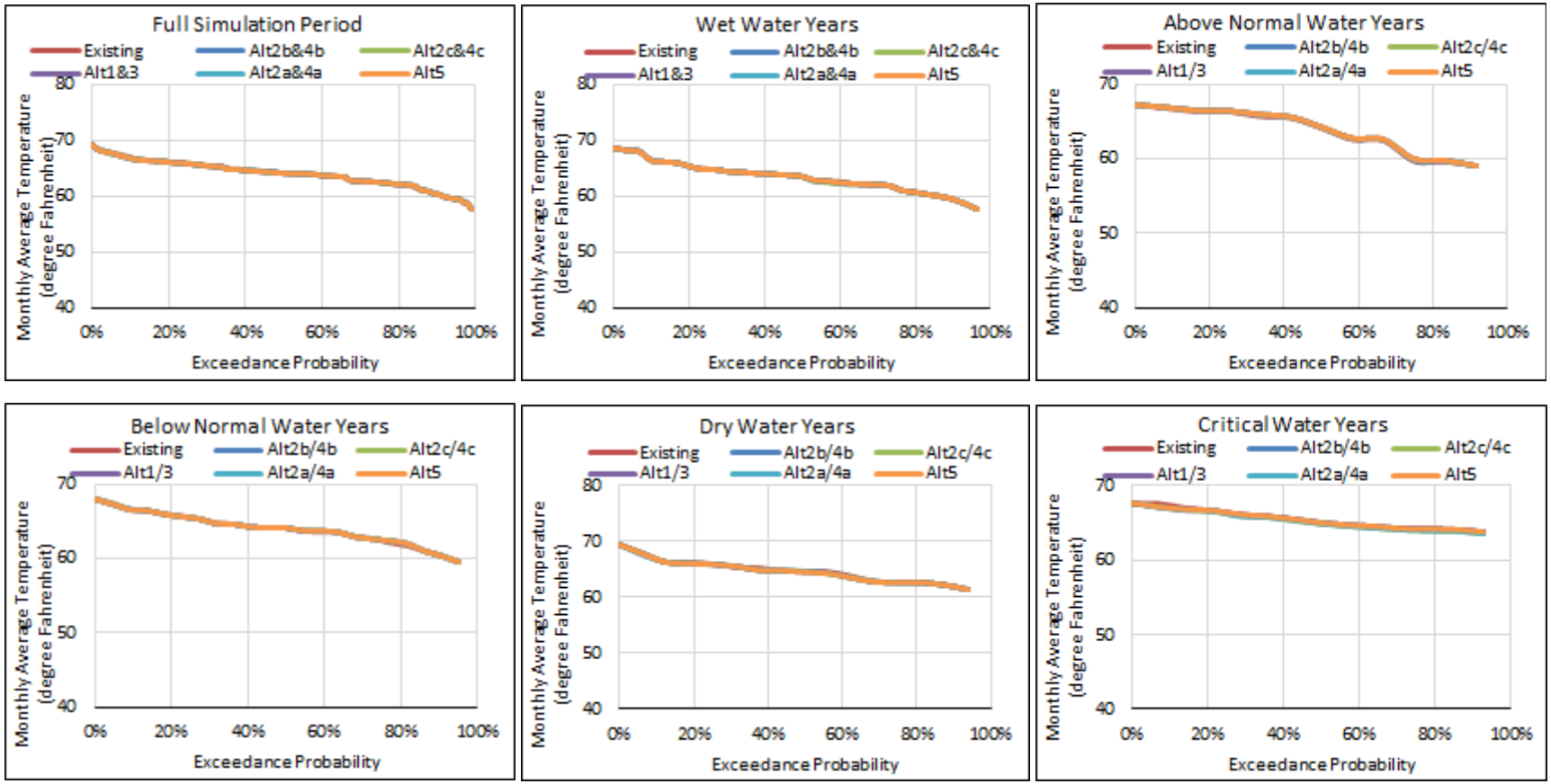


Figure 5A-D1.16.46. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

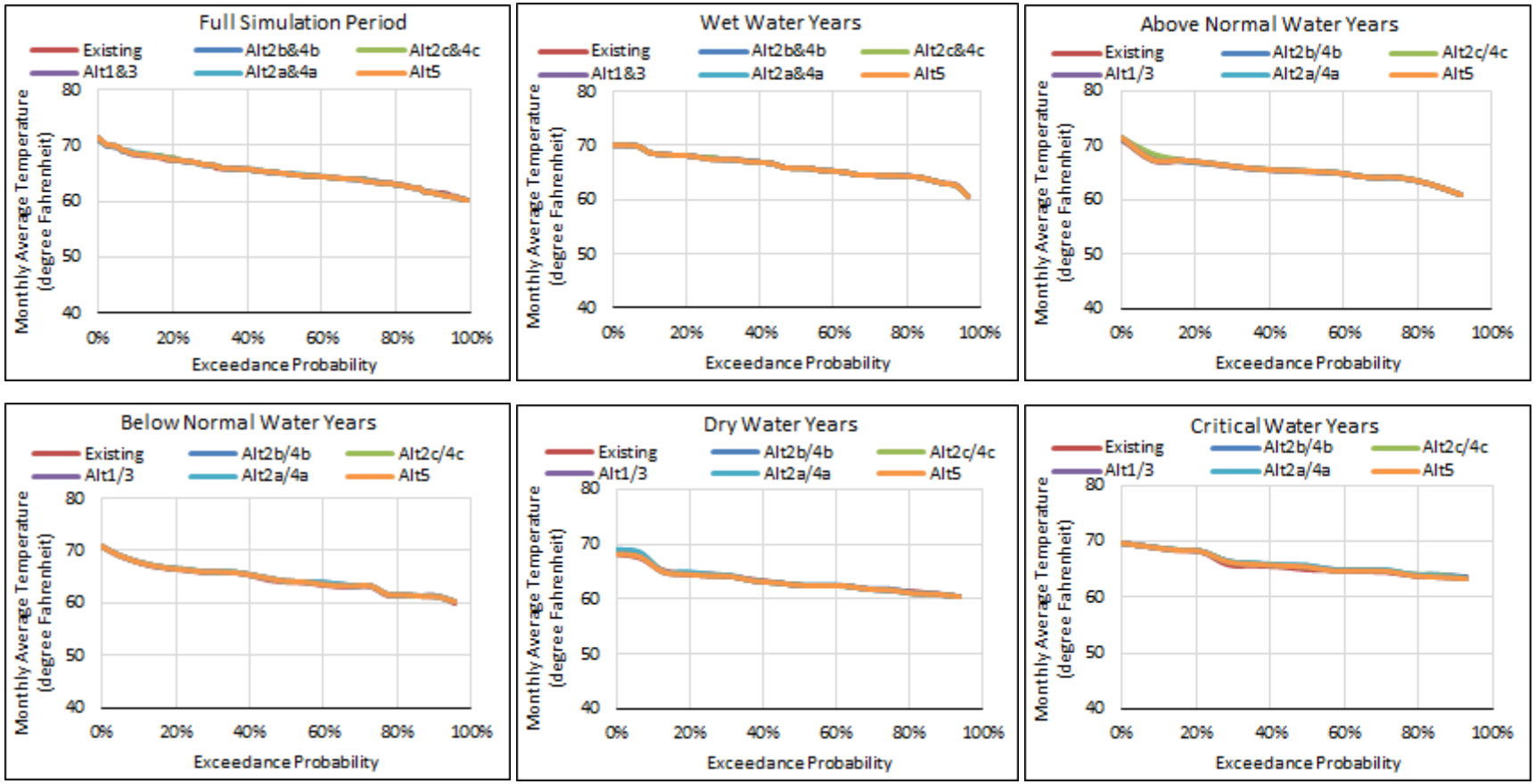


Figure 5A-D1.16.47. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

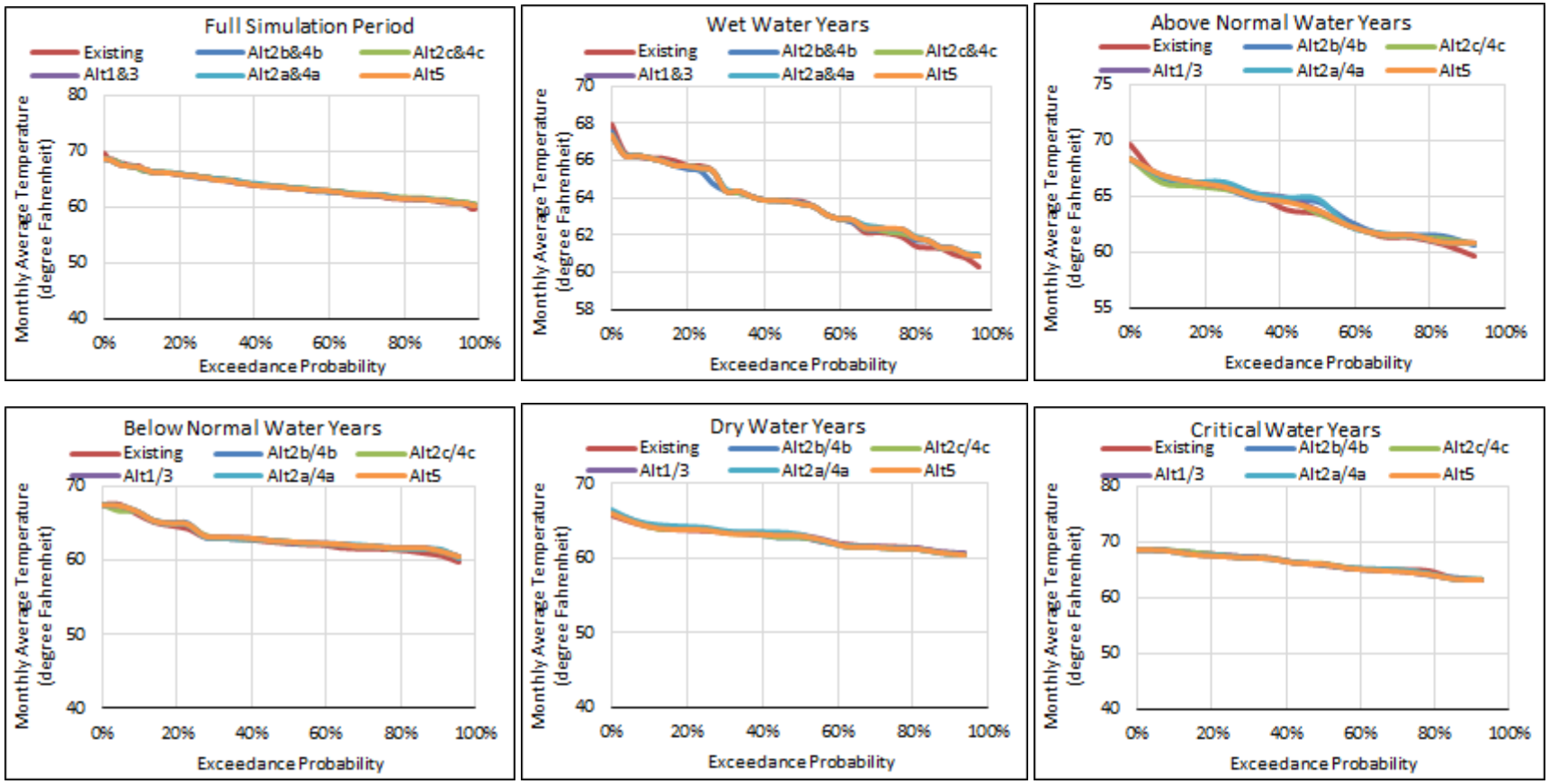


Figure 5A-D1.16.48. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

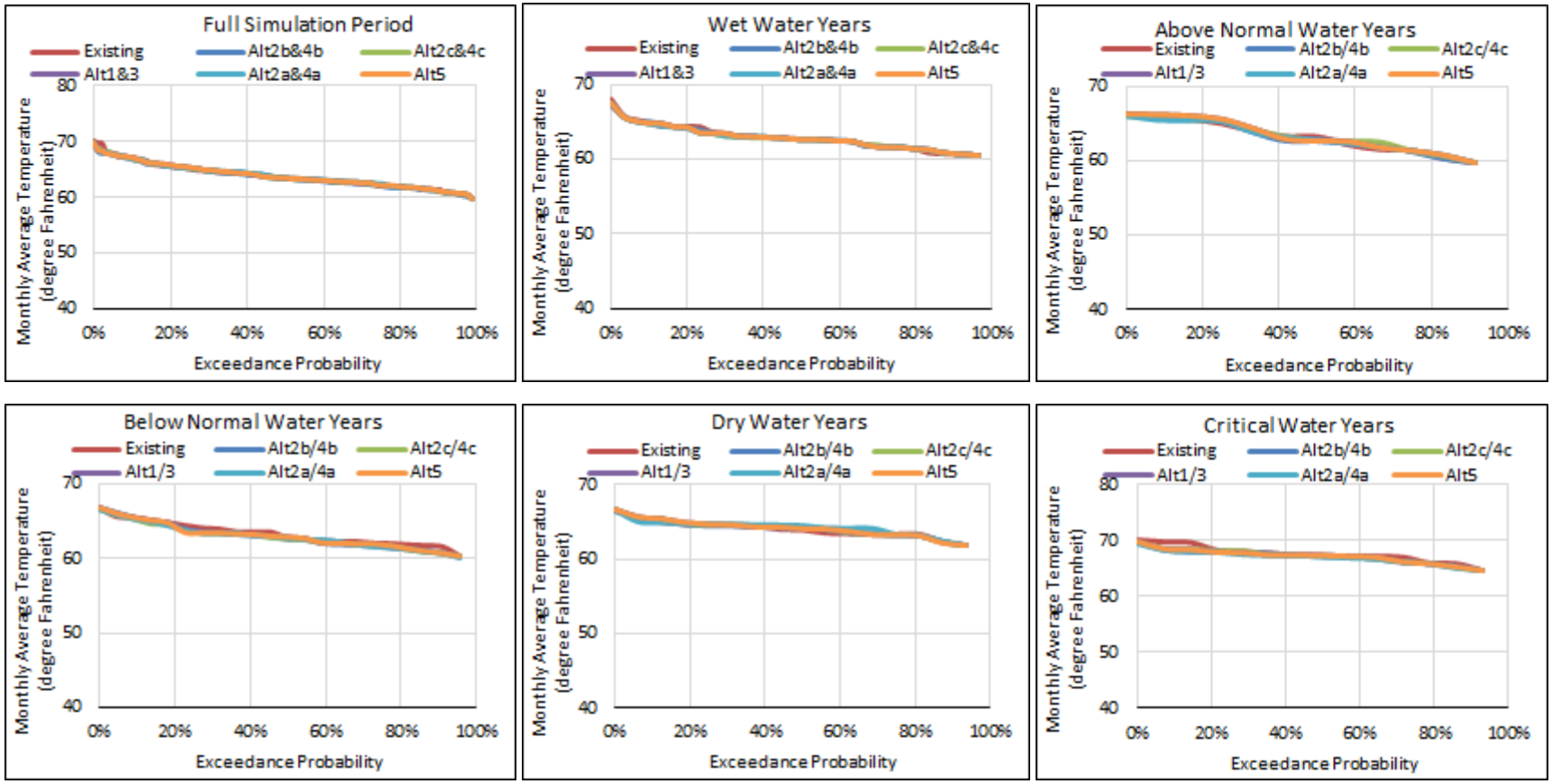
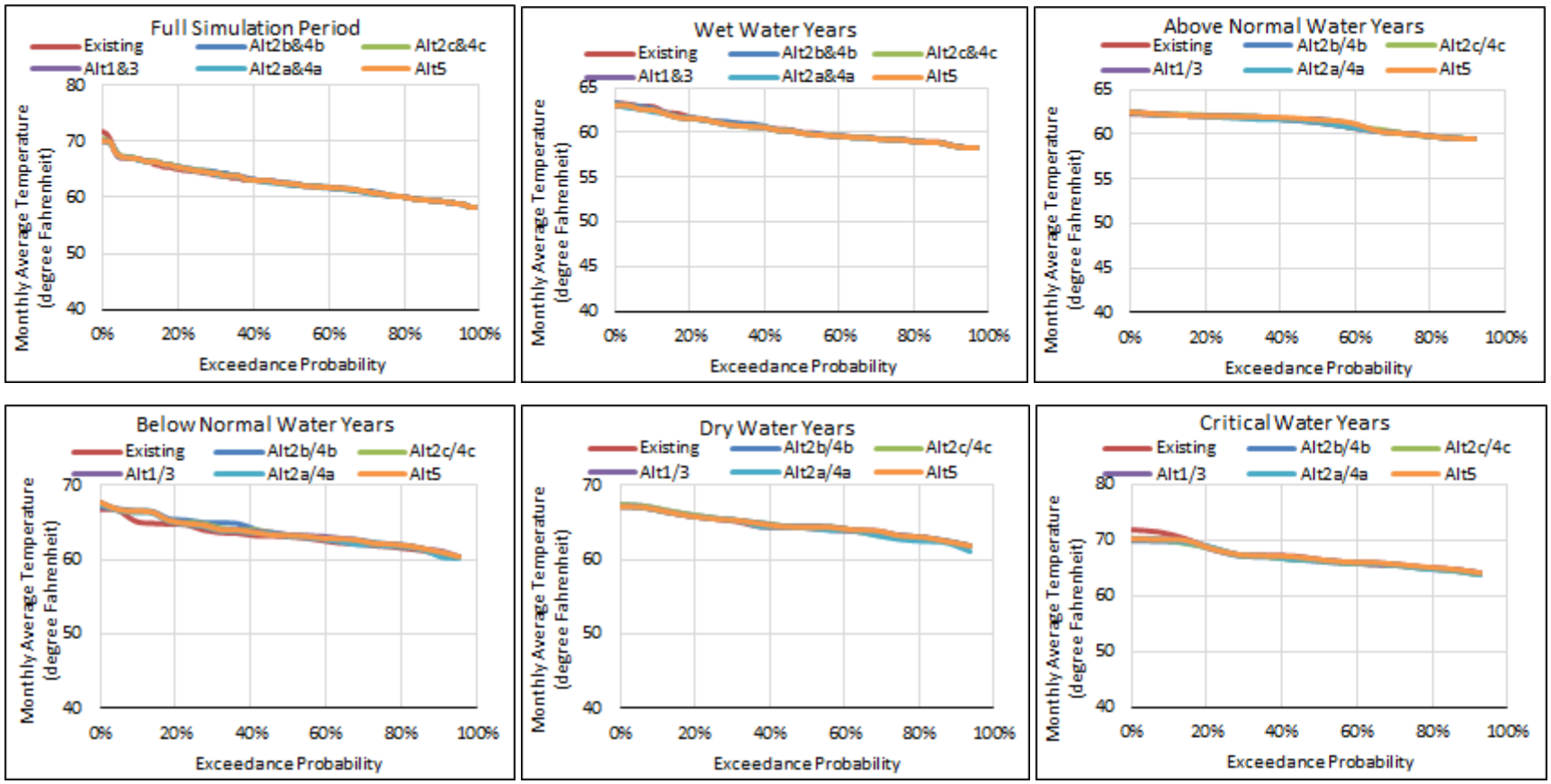


Figure 5A-D1.16.49. Sacramento River at Butte City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.17 Sacramento River at Cottonwood Creek

Table 5A-D1.17.1-A. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.7	54.8	52.4	49.1	49.7	53.0	57.9	58.7	56.5	55.6	55.3	57.1
20%	55.6	54.4	51.7	48.5	49.0	52.5	57.2	57.6	56.0	54.3	54.6	56.2
30%	55.0	54.3	51.2	48.1	48.6	51.9	56.8	57.3	55.2	54.1	54.0	55.0
40%	54.2	54.1	50.9	47.6	48.2	51.4	56.4	56.8	54.7	53.6	53.6	54.3
50%	53.8	54.0	50.5	47.3	47.9	51.0	55.7	56.3	54.3	53.4	53.3	53.8
60%	53.6	53.7	50.2	47.2	47.6	50.5	55.2	55.8	54.0	53.1	52.9	53.3
70%	53.2	53.4	49.7	46.8	47.0	49.8	54.6	55.5	53.5	52.8	52.7	52.8
80%	52.9	53.1	49.3	46.3	46.7	49.1	53.5	55.0	53.1	52.6	52.5	52.5
90%	52.4	52.8	48.5	45.9	46.2	48.1	52.9	54.1	52.4	52.4	52.1	51.9

Table 5A-D1.17.1-B. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.4	53.9	50.5	47.5	47.9	50.8	55.5	56.4	54.5	53.6	53.7	54.5
Wet Water Years	53.2	53.8	50.9	46.9	46.9	49.2	54.1	56.3	54.8	53.3	52.8	52.8
Above Normal Water Years	53.3	53.6	50.4	47.3	47.5	50.5	55.5	56.2	54.5	53.5	52.9	52.9
Below Normal Water Years	54.3	53.8	50.5	47.4	48.2	51.2	56.4	56.0	53.9	53.1	53.2	54.3
Dry Water Years	54.4	53.6	50.6	48.0	48.5	51.9	56.4	56.3	53.3	53.2	53.8	55.0
Critical Water Years	58.3	54.8	49.8	48.3	49.4	52.3	56.2	57.3	56.5	55.4	57.1	59.6

Table 5A-D1.17.1-C. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.7	54.9	52.4	49.0	49.7	53.1	58.0	58.7	56.8	55.3	55.2	57.2
20%	55.5	54.5	51.7	48.5	49.0	52.5	57.1	57.6	56.0	54.3	54.6	56.4
30%	54.8	54.3	51.3	48.1	48.6	51.8	56.8	57.2	55.5	54.1	53.9	55.1
40%	54.2	54.1	50.9	47.7	48.2	51.4	56.4	56.8	54.7	53.6	53.6	54.3
50%	53.8	53.9	50.5	47.3	47.9	51.0	55.6	56.3	54.4	53.5	53.2	53.7
60%	53.5	53.8	50.2	47.2	47.5	50.5	55.2	55.8	54.0	53.2	52.9	53.4
70%	53.2	53.5	49.7	46.8	47.1	49.8	54.5	55.5	53.5	52.9	52.6	52.9
80%	52.8	53.1	49.3	46.3	46.7	49.1	53.6	55.0	53.1	52.6	52.5	52.6
90%	52.5	52.8	48.5	45.9	46.2	48.1	52.9	54.2	52.4	52.5	52.1	51.9

Table 5A-D1.17.1-D. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.4	53.9	50.5	47.5	47.9	50.8	55.5	56.3	54.6	53.6	53.6	54.5
Wet Water Years	53.2	53.8	50.9	46.9	46.9	49.2	54.1	56.2	54.8	53.3	52.8	52.7
Above Normal Water Years	53.3	53.7	50.4	47.3	47.5	50.5	55.5	56.2	54.5	53.5	52.9	52.9
Below Normal Water Years	54.3	53.8	50.4	47.4	48.2	51.2	56.3	56.0	53.9	53.2	53.1	54.5
Dry Water Years	54.4	53.6	50.6	48.0	48.5	51.9	56.4	56.3	53.4	53.2	53.8	55.1
Critical Water Years	58.4	54.9	49.8	48.3	49.4	52.3	56.0	57.2	56.6	55.3	56.5	59.2

Table 5A-D1.17.1-E. Sacramento River at Cottonwood Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.3	-0.3	-0.1	0.2
20%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.2
30%	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.3	0.0	-0.1	0.1
40%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
50%	0.0	0.0	0.1	0.0	0.0	0.1	-0.1	0.0	0.1	0.0	-0.1	-0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
70%	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	0.1

Table 5A-D1.17.1-F. Sacramento River at Cottonwood Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	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 Water Years	0.1	0.1	0.0	0.0	0.1	0.0	-0.2	-0.1	0.2	-0.1	-0.7	-0.4

Table 5A-D1.17.1-G. Sacramento River at Cottonwood Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.1%	0.0%	0.0%	0.2%	0.2%	0.0%	0.5%	-0.5%	-0.2%	0.3%
20%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.4%
30%	-0.2%	0.1%	0.0%	-0.1%	0.1%	-0.2%	-0.1%	-0.2%	0.5%	0.0%	-0.1%	0.1%
40%	0.0%	0.0%	-0.1%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.1%	0.0%
50%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.2%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%
60%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%
70%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.2%
80%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.2%	0.0%	0.0%	0.1%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.2%	0.0%	0.1%

Table 5A-D1.17.1-H. Sacramento River at Cottonwood Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.5%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.3%	-0.2%	0.3%	-0.2%	-1.2%	-0.6%

Table 5A-D1.17.2-A. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.7	54.9	52.4	49.0	49.7	53.1	57.9	58.7	56.8	55.3	55.2	57.2
20%	55.6	54.5	51.7	48.5	49.0	52.5	57.0	57.6	55.9	54.2	54.6	56.3
30%	54.8	54.3	51.3	48.1	48.6	51.9	56.8	57.2	55.5	54.1	53.9	55.1
40%	54.3	54.1	50.9	47.7	48.2	51.4	56.4	56.7	54.8	53.7	53.6	54.1
50%	53.8	53.9	50.5	47.4	47.9	51.0	55.6	56.3	54.4	53.5	53.2	53.7
60%	53.5	53.8	50.2	47.2	47.5	50.5	55.2	55.8	54.0	53.2	52.9	53.4
70%	53.2	53.5	49.7	46.8	47.1	49.8	54.5	55.4	53.5	52.9	52.6	52.9
80%	52.8	53.1	49.3	46.4	46.7	49.1	53.6	55.0	53.1	52.6	52.5	52.5
90%	52.5	52.8	48.5	45.9	46.2	48.1	52.9	54.2	52.4	52.5	52.1	51.9

Table 5A-D1.17.2-B. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.4	53.9	50.5	47.5	47.9	50.8	55.5	56.3	54.6	53.6	53.6	54.5
Wet Water Years	53.2	53.8	50.9	46.9	46.9	49.2	54.1	56.2	54.8	53.3	52.8	52.7
Above Normal Water Years	53.3	53.7	50.4	47.3	47.5	50.5	55.5	56.2	54.5	53.5	53.0	52.9
Below Normal Water Years	54.3	53.8	50.4	47.4	48.2	51.2	56.3	56.0	53.8	53.2	53.1	54.5
Dry Water Years	54.4	53.6	50.6	48.0	48.5	51.9	56.3	56.3	53.3	53.2	53.8	55.0
Critical Water Years	58.3	54.9	49.8	48.3	49.4	52.3	56.0	57.2	56.6	55.3	56.5	59.3

Table 5A-D1.17.2-C. Sacramento River at Cottonwood Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.1	0.0	-0.1	0.3	-0.2	-0.1	0.1
20%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.1
30%	-0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	-0.1	0.3	0.0	-0.1	0.1
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	-0.2
50%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	-0.1	0.0
60%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
70%	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1	0.0	0.1	0.0	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0

Table 5A-D1.17.2-D. Sacramento River at Cottonwood Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.1	0.0	0.1	0.0	-0.2	-0.1	0.1	-0.1	-0.7	-0.3

Table 5A-D1.17.2-E. Sacramento River at Cottonwood Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.1%	-0.1%	-0.1%	0.3%	0.0%	-0.1%	0.6%	-0.4%	-0.2%	0.2%
20%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.2%
30%	-0.3%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	-0.2%	0.5%	0.0%	-0.1%	0.1%
40%	0.2%	0.0%	-0.1%	0.2%	0.0%	0.0%	0.0%	-0.2%	0.1%	0.1%	-0.1%	-0.3%
50%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%
60%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.1%	0.2%
70%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.2%
80%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.3%	0.0%	0.0%

Table 5A-D1.17.2-F. Sacramento River at Cottonwood Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.4%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.1%	0.1%	0.1%	0.2%	0.0%	-0.3%	-0.2%	0.2%	-0.2%	-1.1%	-0.5%

Table 5A-D1.17.3-A. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.7	54.9	52.5	49.0	49.7	53.1	57.9	58.7	56.8	55.3	55.1	57.2
20%	55.5	54.5	51.7	48.5	49.0	52.5	57.1	57.6	55.9	54.3	54.6	56.2
30%	54.8	54.3	51.3	48.1	48.6	51.9	56.8	57.2	55.2	54.1	53.9	55.1
40%	54.2	54.1	50.9	47.8	48.2	51.4	56.4	56.8	54.7	53.7	53.6	54.3
50%	53.8	53.9	50.5	47.4	47.9	50.9	55.8	56.3	54.4	53.5	53.3	53.7
60%	53.5	53.8	50.1	47.2	47.5	50.5	55.2	55.8	54.0	53.2	52.9	53.3
70%	53.2	53.5	49.7	46.8	47.1	49.8	54.6	55.4	53.5	52.9	52.7	53.0
80%	52.8	53.1	49.3	46.3	46.7	49.1	53.6	55.0	53.1	52.6	52.5	52.5
90%	52.5	52.8	48.5	46.0	46.2	48.1	52.9	54.2	52.4	52.4	52.1	51.9

Table 5A-D1.17.3-B. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.4	53.9	50.5	47.5	47.9	50.8	55.5	56.4	54.5	53.6	53.6	54.6
Wet Water Years	53.2	53.8	50.9	46.9	46.9	49.2	54.1	56.3	54.8	53.3	52.8	52.7
Above Normal Water Years	53.3	53.7	50.4	47.3	47.5	50.5	55.5	56.2	54.5	53.5	53.0	52.9
Below Normal Water Years	54.3	53.8	50.4	47.4	48.2	51.2	56.3	56.0	53.8	53.2	53.2	54.5
Dry Water Years	54.4	53.6	50.6	48.0	48.5	51.9	56.4	56.3	53.3	53.2	53.8	55.1
Critical Water Years	58.5	54.9	49.8	48.3	49.4	52.4	56.1	57.3	56.6	55.3	56.6	59.4

Table 5A-D1.17.3-C. Sacramento River at Cottonwood Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.1	0.0	-0.1	0.3	-0.2	-0.2	0.1
20%	0.0	0.1	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1
30%	-0.1	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.1	0.0	-0.1	0.1
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0
50%	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	-0.1	0.0
60%	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
70%	0.1	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.2
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0

Table 5A-D1.17.3-D. Sacramento River at Cottonwood Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.17.3-E. Sacramento River at Cottonwood Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.2%	0.0%	-0.2%	0.3%	0.0%	-0.1%	0.5%	-0.4%	-0.4%	0.2%
20%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.2%
30%	-0.2%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	-0.1%	0.1%
40%	0.1%	0.1%	-0.1%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.0%
50%	0.1%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.1%	-0.1%	-0.1%
60%	-0.1%	0.1%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%
70%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%	0.3%
80%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%

Table 5A-D1.17.3-F. Sacramento River at Cottonwood Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	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	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.4%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%
Critical Water Years	0.2%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-1.0%	-0.3%

Table 5A-D1.17.4-A. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.7	54.9	52.4	49.0	49.7	53.1	57.9	58.6	56.9	55.2	55.1	57.1
20%	55.5	54.5	51.7	48.5	49.0	52.5	57.1	57.6	56.0	54.3	54.6	56.3
30%	54.8	54.3	51.3	48.1	48.6	51.8	56.8	57.2	55.2	54.1	53.9	55.1
40%	54.3	54.1	50.9	47.7	48.2	51.4	56.3	56.8	54.7	53.7	53.6	54.2
50%	53.8	53.9	50.5	47.3	47.9	51.0	55.6	56.3	54.4	53.5	53.2	53.7
60%	53.5	53.8	50.2	47.2	47.5	50.5	55.2	55.8	54.0	53.2	52.9	53.3
70%	53.1	53.4	49.7	46.8	47.1	49.8	54.5	55.4	53.4	52.9	52.6	52.9
80%	52.8	53.2	49.3	46.4	46.7	49.1	53.6	55.0	53.1	52.6	52.5	52.5
90%	52.5	52.8	48.5	45.9	46.2	48.1	52.9	54.2	52.4	52.4	52.1	51.8

Table 5A-D1.17.4-B. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.4	53.9	50.5	47.5	47.9	50.8	55.5	56.3	54.6	53.6	53.6	54.5
Wet Water Years	53.2	53.8	50.9	46.9	46.9	49.2	54.1	56.3	54.8	53.4	52.8	52.7
Above Normal Water Years	53.3	53.7	50.4	47.3	47.5	50.5	55.5	56.2	54.5	53.6	52.9	52.9
Below Normal Water Years	54.2	53.8	50.4	47.4	48.2	51.2	56.3	56.0	53.9	53.2	53.1	54.5
Dry Water Years	54.4	53.6	50.6	48.0	48.5	51.9	56.4	56.3	53.4	53.3	53.8	54.9
Critical Water Years	58.4	54.9	49.8	48.3	49.4	52.4	56.1	57.2	56.7	55.2	56.4	59.2

Table 5A-D1.17.4-C. Sacramento River at Cottonwood Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.1	0.0	-0.1	0.4	-0.3	-0.2	0.0
20%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1
30%	-0.1	0.0	0.0	-0.1	0.1	-0.1	-0.1	-0.1	0.1	0.1	-0.1	0.1
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	-0.1	-0.1
60%	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0

Table 5A-D1.17.4-D. Sacramento River at Cottonwood Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	-0.1
Critical Water Years	0.0	0.1	0.1	0.0	0.0	0.1	-0.1	-0.1	0.2	-0.2	-0.7	-0.4

Table 5A-D1.17.4-E. Sacramento River at Cottonwood Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.1%	0.1%	0.0%	-0.2%	0.3%	0.0%	-0.2%	0.7%	-0.6%	-0.4%	0.0%
20%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%	0.0%	0.2%
30%	-0.2%	0.1%	0.1%	-0.1%	0.1%	-0.2%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	0.2%
40%	0.2%	0.0%	-0.1%	0.2%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	-0.2%
50%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.2%	-0.1%
60%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.2%	0.0%	0.1%
70%	-0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%	-0.2%	0.0%	0.2%	0.0%	0.1%
80%	-0.2%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%

Table 5A-D1.17.4-F. Sacramento River at Cottonwood Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%
Wet Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.2%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.3%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.1%	0.2%	0.1%	0.1%	-0.2%
Critical Water Years	0.0%	0.2%	0.1%	0.1%	0.0%	0.1%	-0.1%	-0.2%	0.3%	-0.3%	-1.3%	-0.6%

Table 5A-D1.17.5-A. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.7	54.9	52.5	49.0	49.7	53.1	57.9	58.7	56.8	55.3	55.1	57.2
20%	55.5	54.5	51.7	48.5	49.0	52.5	57.1	57.6	55.9	54.3	54.6	56.3
30%	54.8	54.3	51.3	48.1	48.6	51.9	56.8	57.2	55.2	54.1	53.9	55.1
40%	54.2	54.1	50.9	47.8	48.2	51.4	56.4	56.7	54.7	53.6	53.5	54.3
50%	53.8	53.9	50.5	47.4	47.9	50.9	55.8	56.3	54.4	53.5	53.3	53.7
60%	53.6	53.8	50.1	47.2	47.5	50.5	55.2	55.8	54.0	53.2	52.8	53.3
70%	53.2	53.5	49.7	46.8	47.1	49.8	54.6	55.4	53.5	52.9	52.7	53.0
80%	52.8	53.1	49.3	46.3	46.7	49.1	53.6	55.0	53.1	52.6	52.5	52.5
90%	52.5	52.8	48.5	45.9	46.2	48.1	52.9	54.2	52.4	52.4	52.1	51.9

Table 5A-D1.17.5-B. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.4	53.9	50.5	47.5	47.9	50.8	55.5	56.3	54.5	53.6	53.6	54.6
Wet Water Years	53.2	53.8	50.9	46.9	46.9	49.2	54.1	56.3	54.8	53.3	52.8	52.7
Above Normal Water Years	53.3	53.7	50.4	47.3	47.5	50.5	55.5	56.2	54.5	53.5	52.9	52.9
Below Normal Water Years	54.3	53.8	50.4	47.4	48.2	51.2	56.3	56.0	53.8	53.2	53.2	54.5
Dry Water Years	54.4	53.5	50.6	48.0	48.5	51.9	56.5	56.3	53.3	53.2	53.8	55.1
Critical Water Years	58.5	54.9	49.8	48.3	49.4	52.4	56.1	57.3	56.6	55.3	56.5	59.4

Table 5A-D1.17.5-C. Sacramento River at Cottonwood Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.1	0.0	-0.1	0.3	-0.2	-0.2	0.1
20%	0.0	0.1	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.1
30%	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	-0.1	0.1
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
50%	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	-0.1	0.0
60%	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1
80%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1

Table 5A-D1.17.5-D. Sacramento River at Cottonwood Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.17.5-E. Sacramento River at Cottonwood Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.2%	0.0%	-0.1%	0.3%	0.0%	-0.1%	0.5%	-0.4%	-0.3%	0.3%
20%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.2%
30%	-0.2%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	0.1%
40%	0.1%	0.1%	-0.1%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%
50%	0.1%	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.1%	-0.1%	-0.1%
60%	0.0%	0.1%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.0%
70%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.0%	0.1%	0.0%	0.3%
80%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
90%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.1%

Table 5A-D1.17.5-F. Sacramento River at Cottonwood Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	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	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.4%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%
Critical Water Years	0.2%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-1.0%	-0.3%

Figure 5A-D1.17.1. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

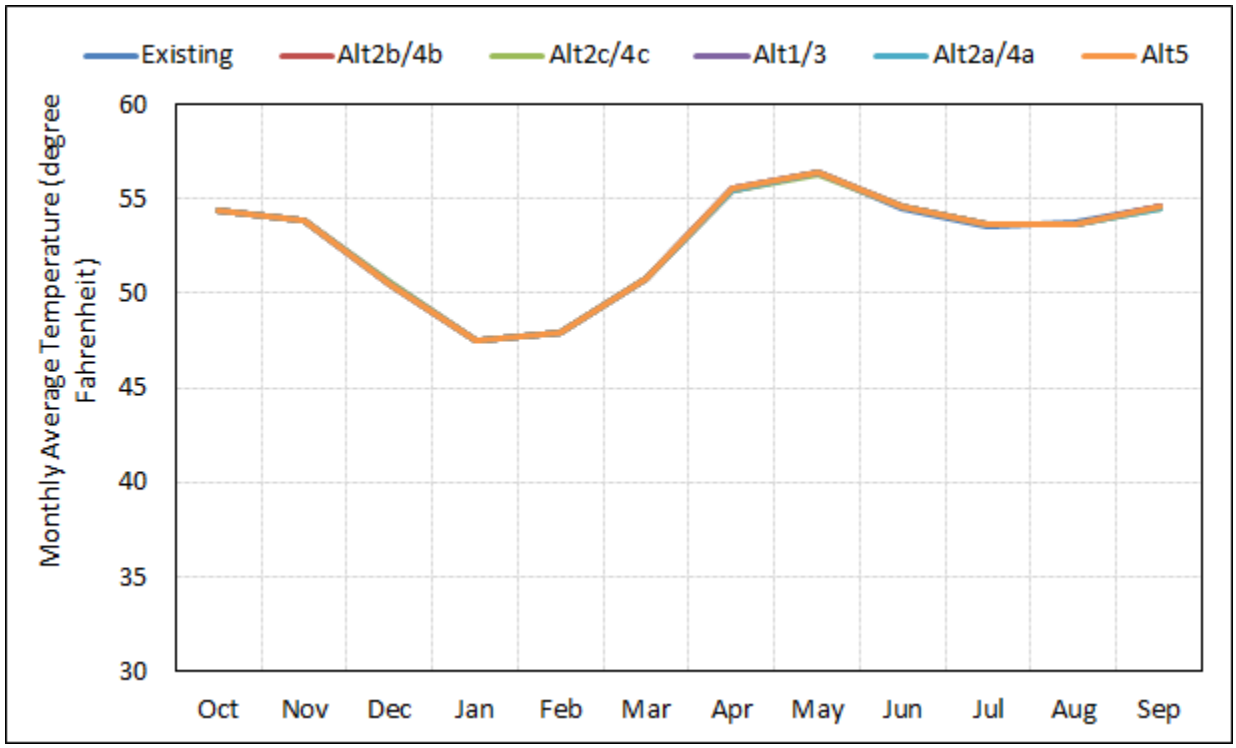


Figure 5A-D1.17.2. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

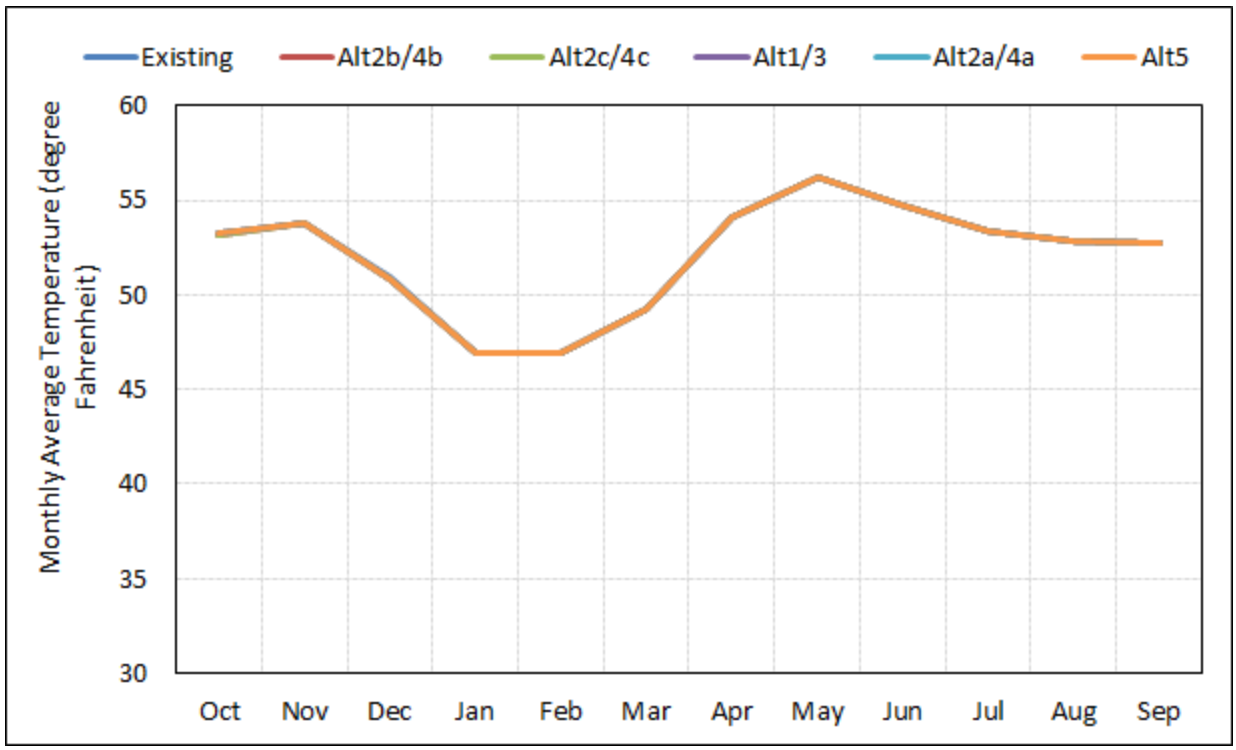


Figure 5A-D1.17.3. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

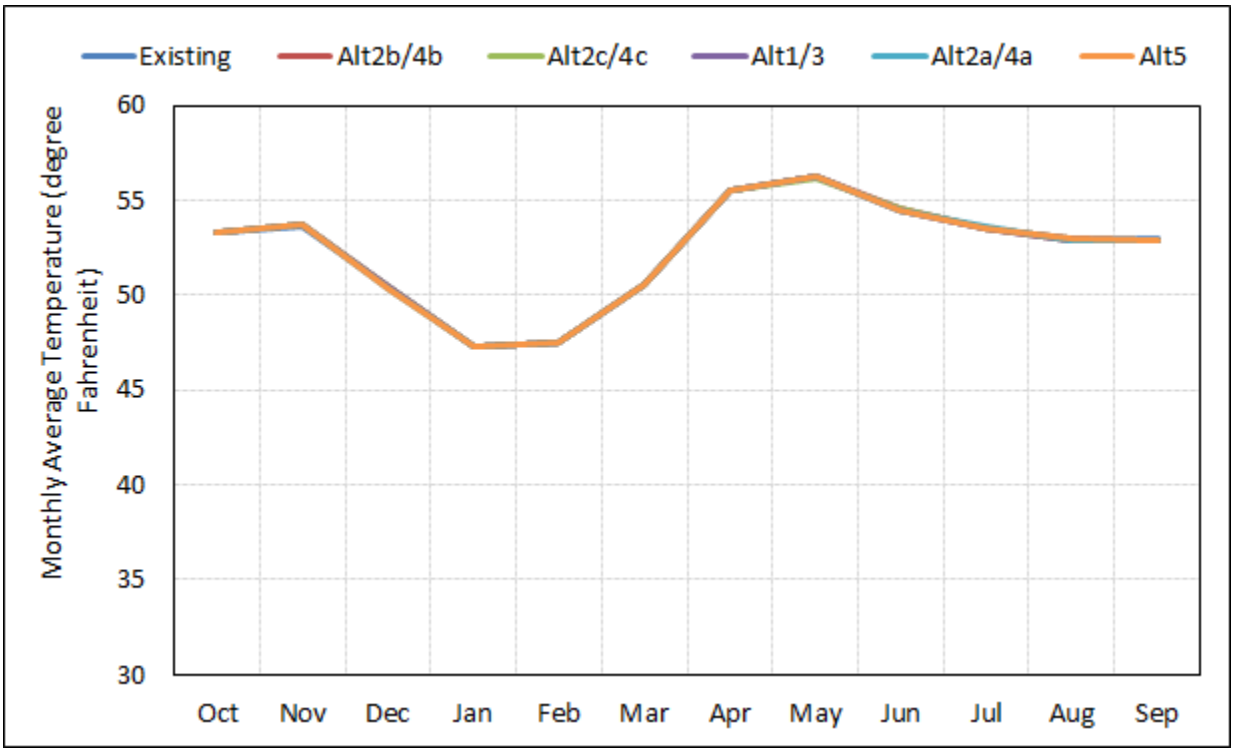


Figure 5A-D1.17.4. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

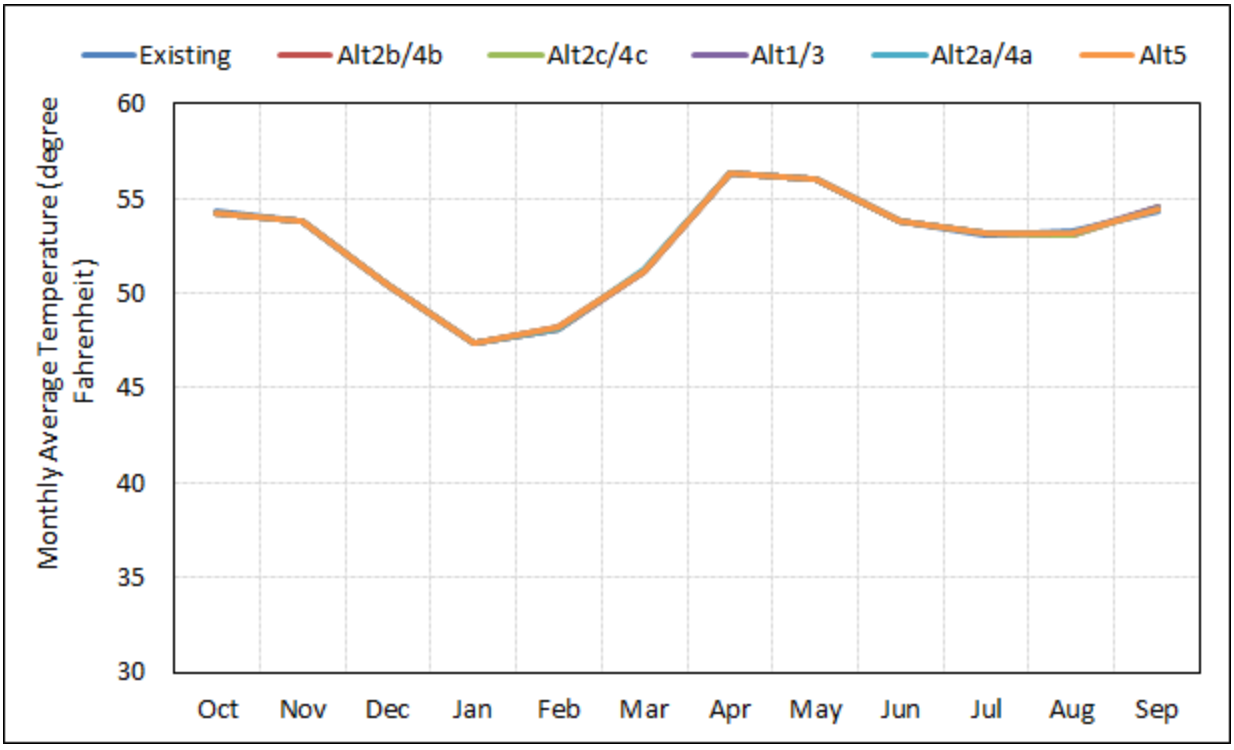


Figure 5A-D1.17.5. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

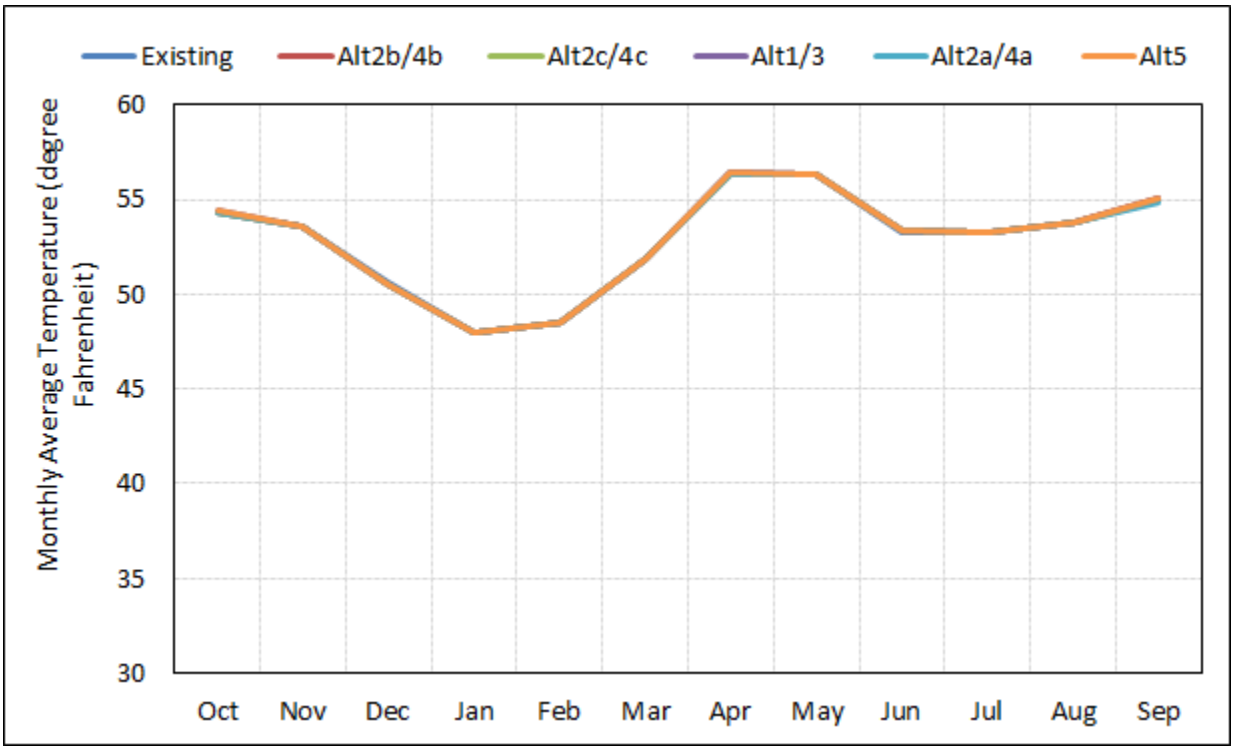


Figure 5A-D1.17.6. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

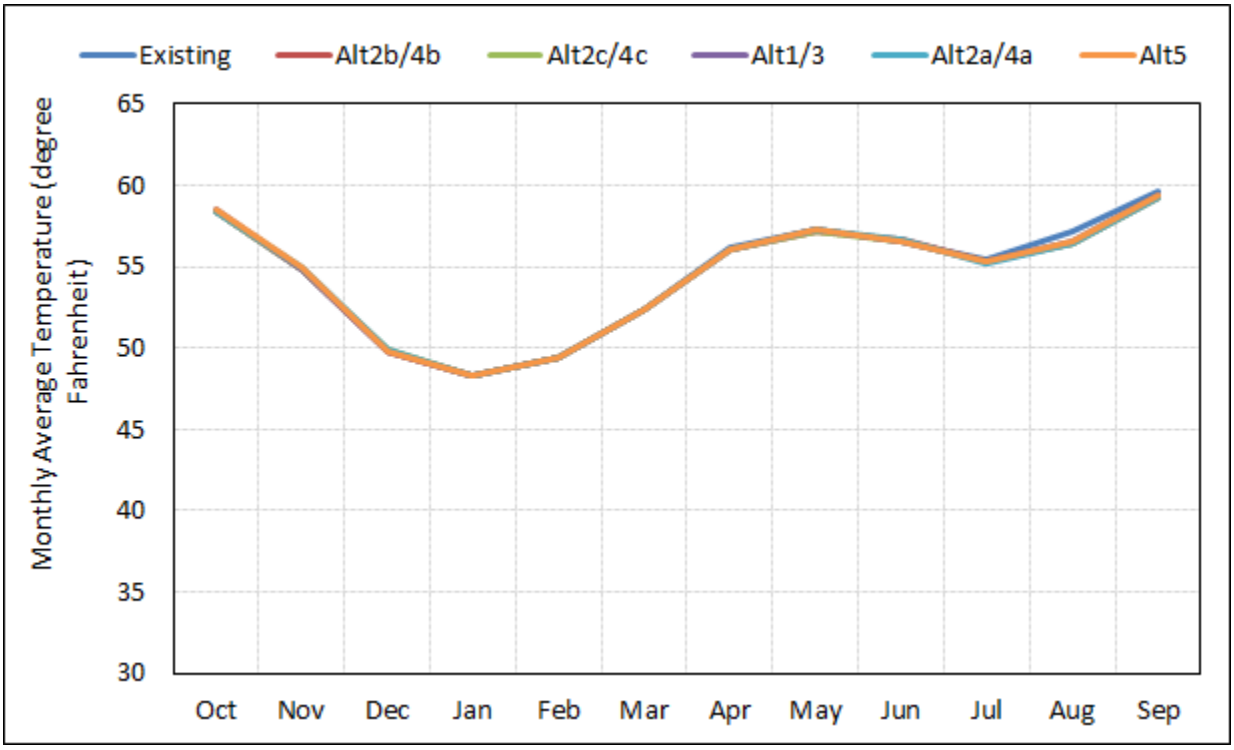


Figure 5A-D1.17.7. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

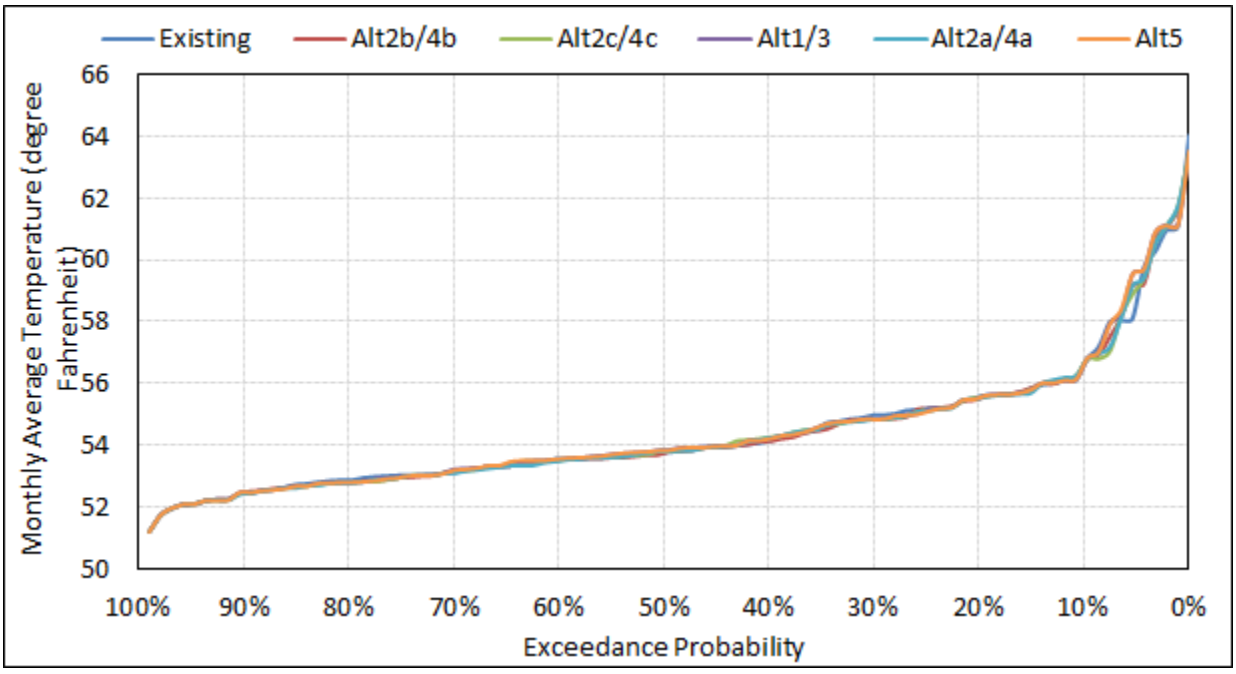


Figure 5A-D1.17.8. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

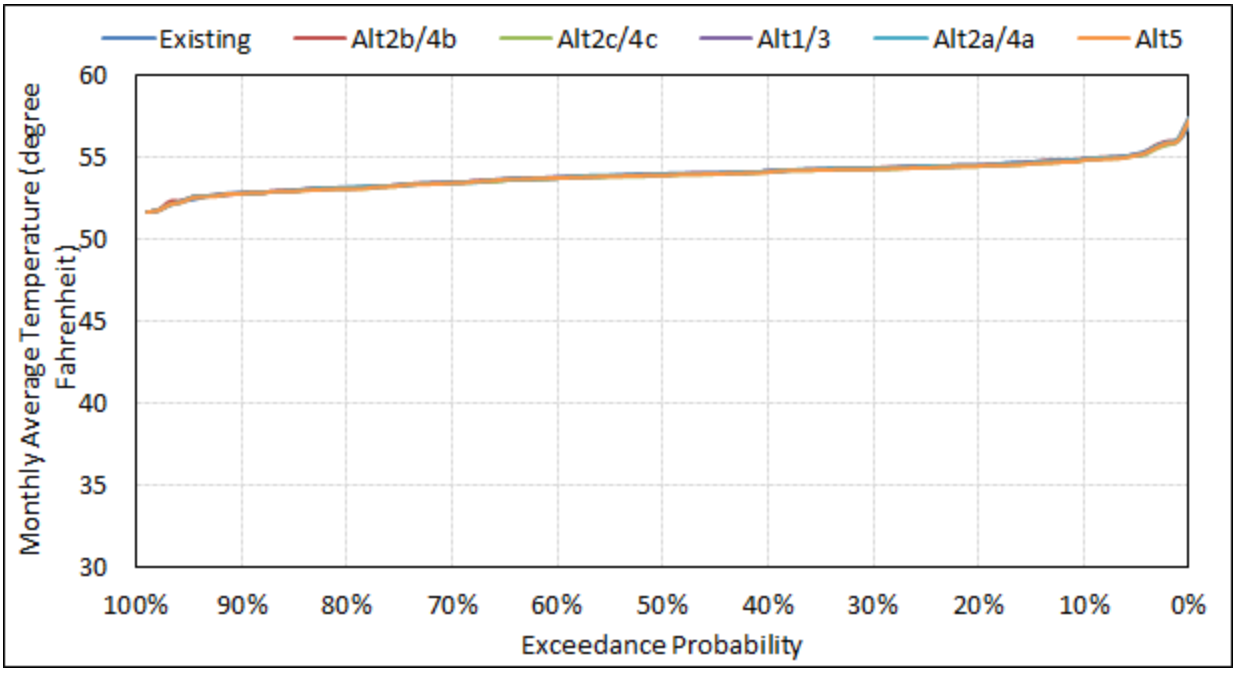


Figure 5A-D1.17.9. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

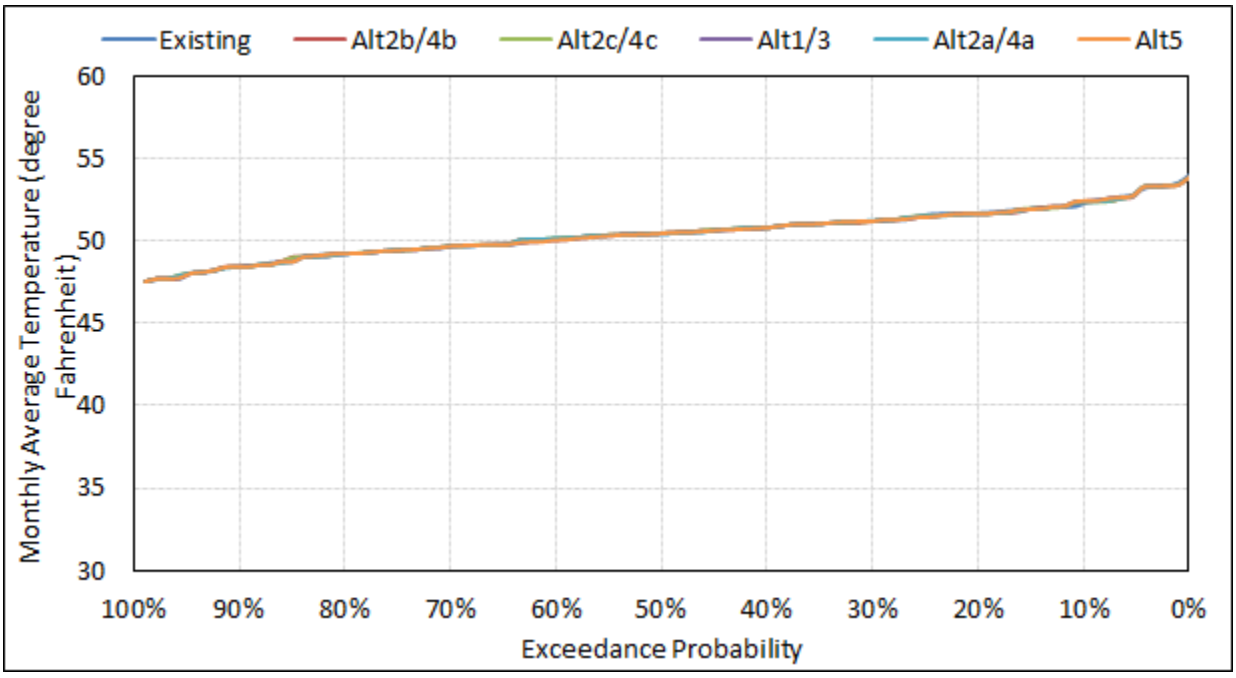


Figure 5A-D1.17.10. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

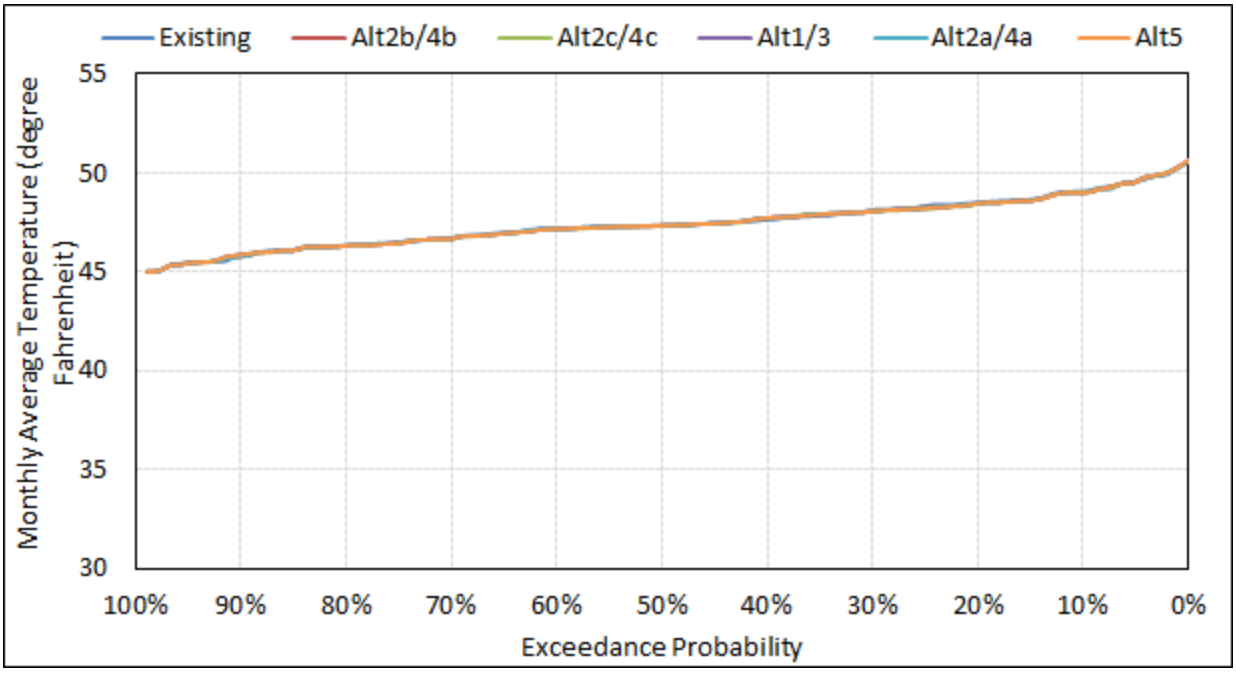


Figure 5A-D1.17.11. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

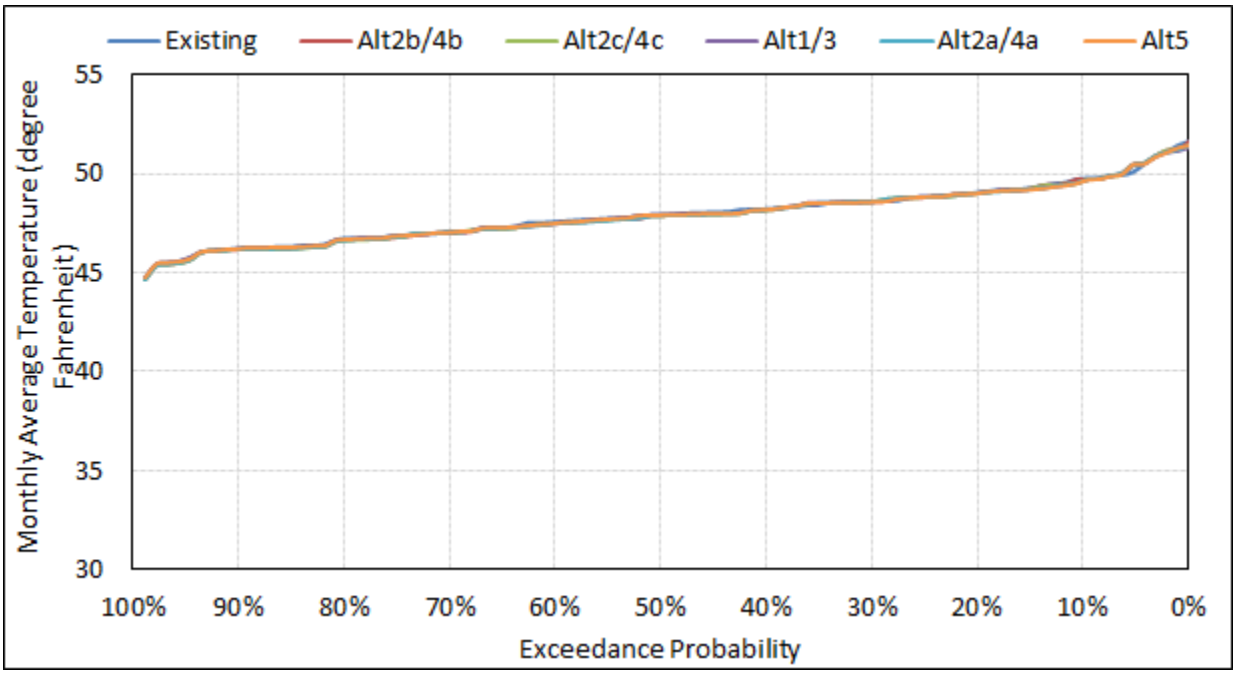


Figure 5A-D1.17.12. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

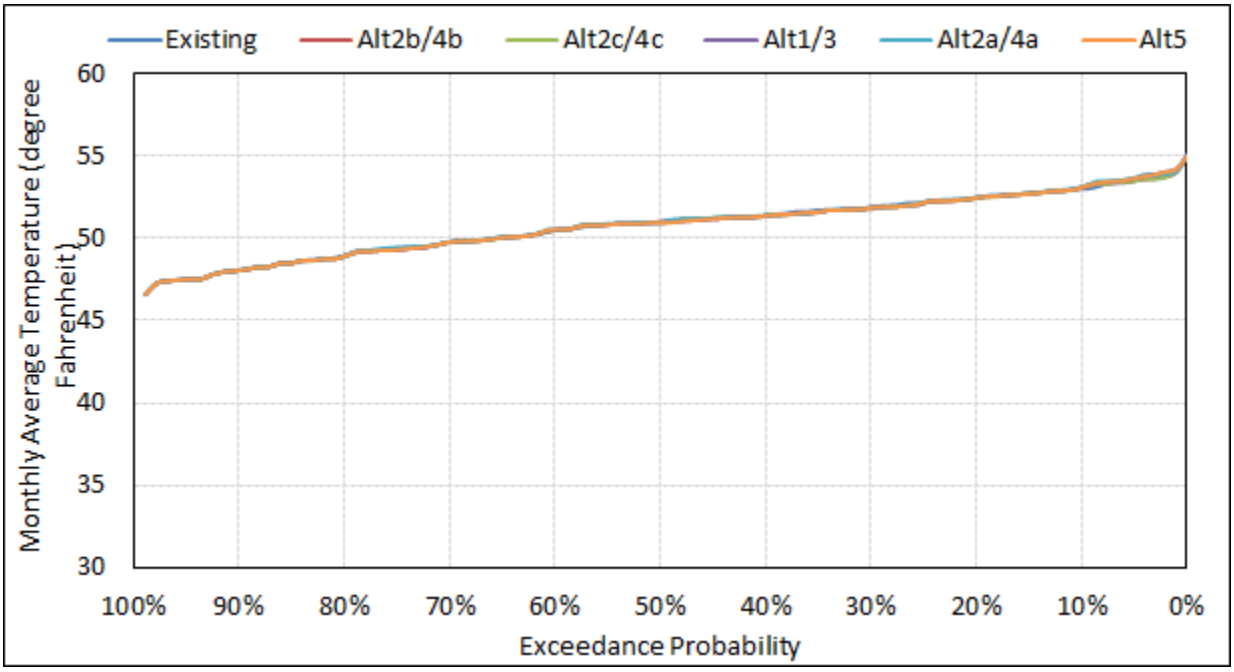


Figure 5A-D1.17.13. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

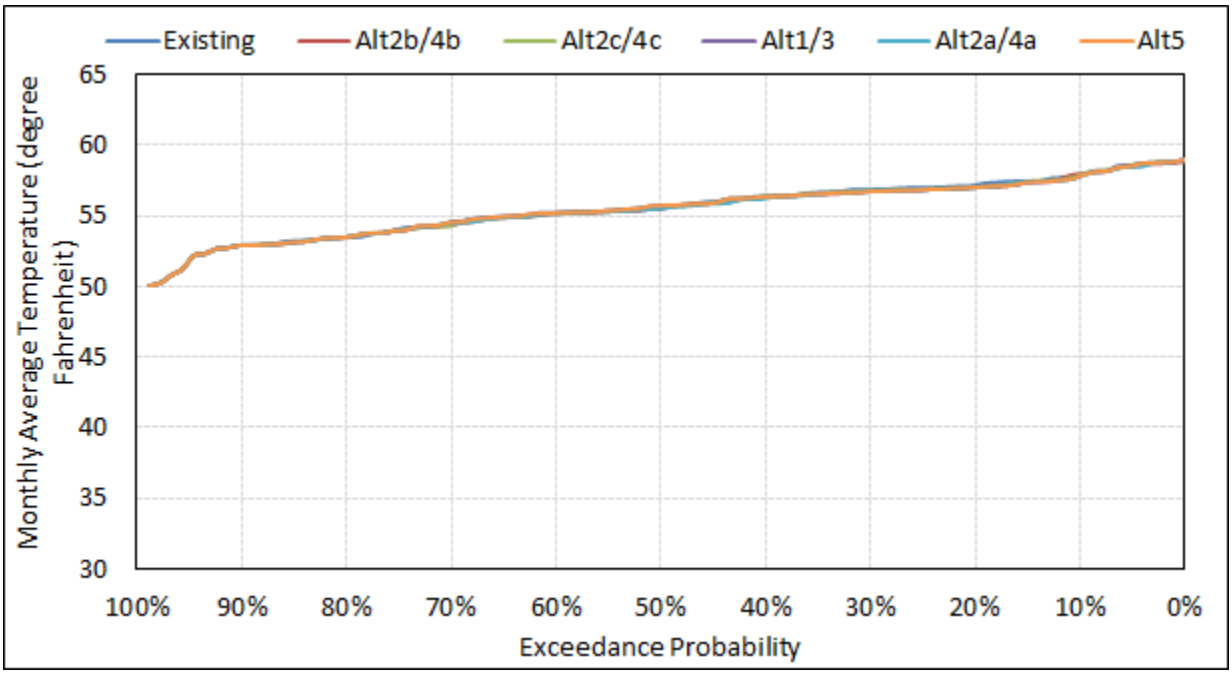


Figure 5A-D1.17.14. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

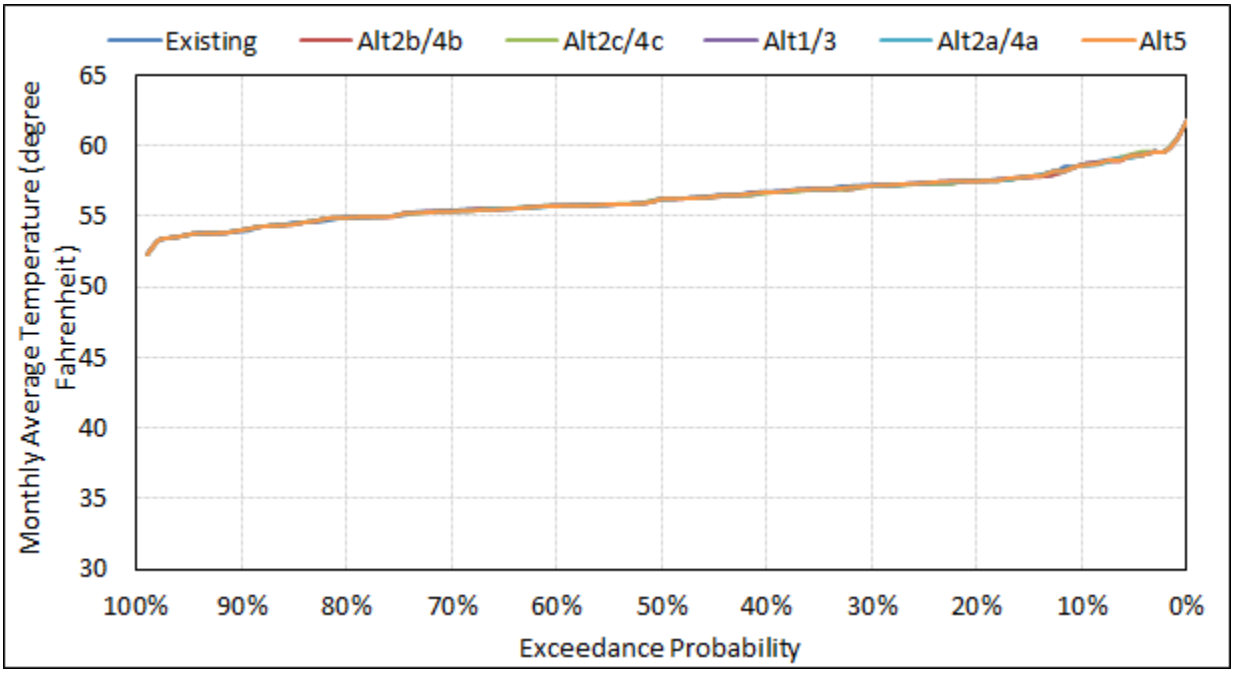


Figure 5A-D1.17.15. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

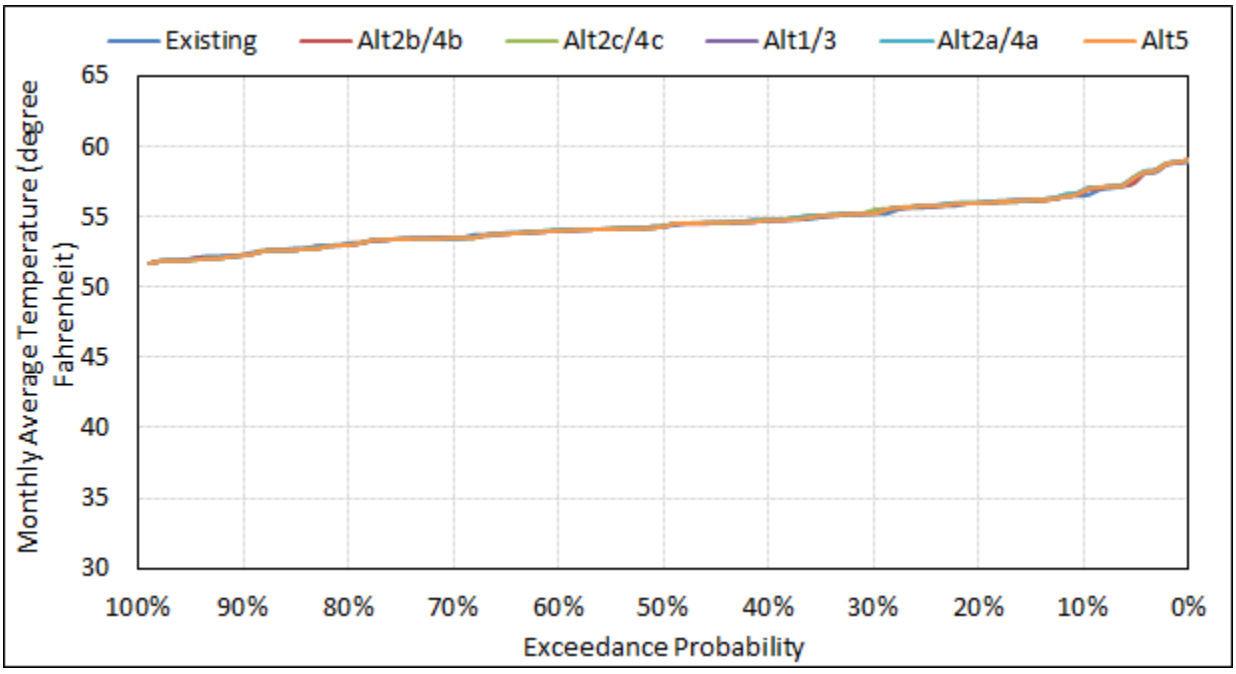


Figure 5A-D1.17.16. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

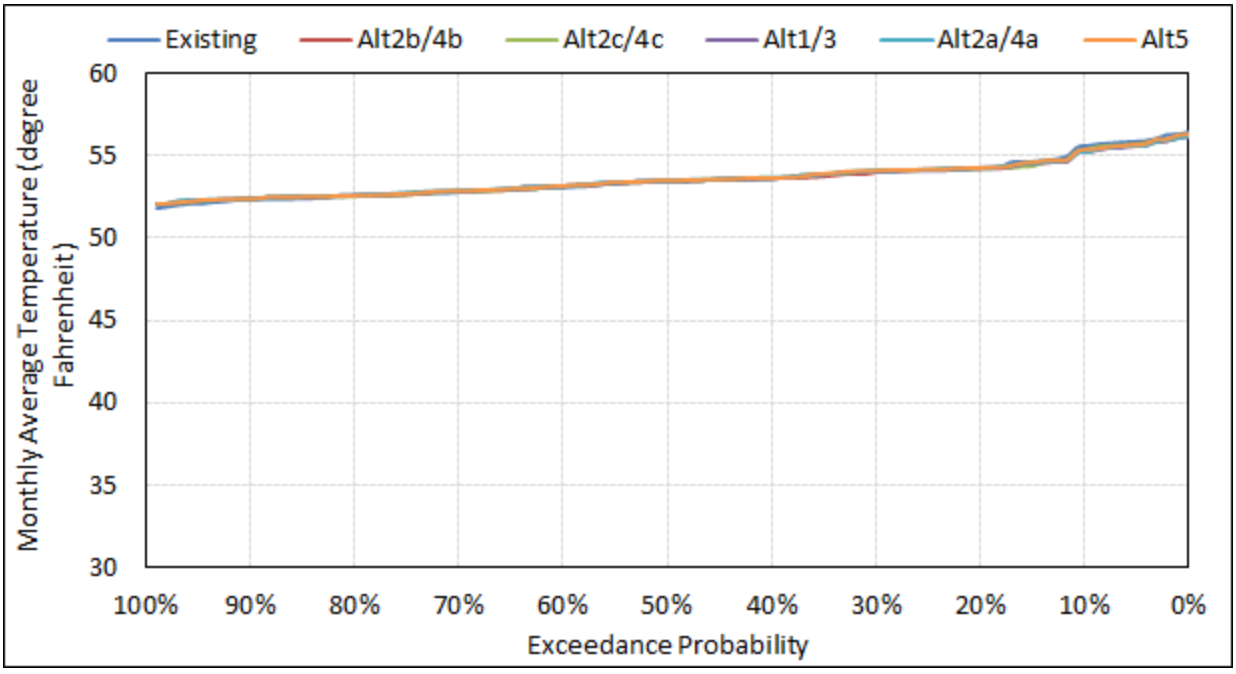


Figure 5A-D1.17.17. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

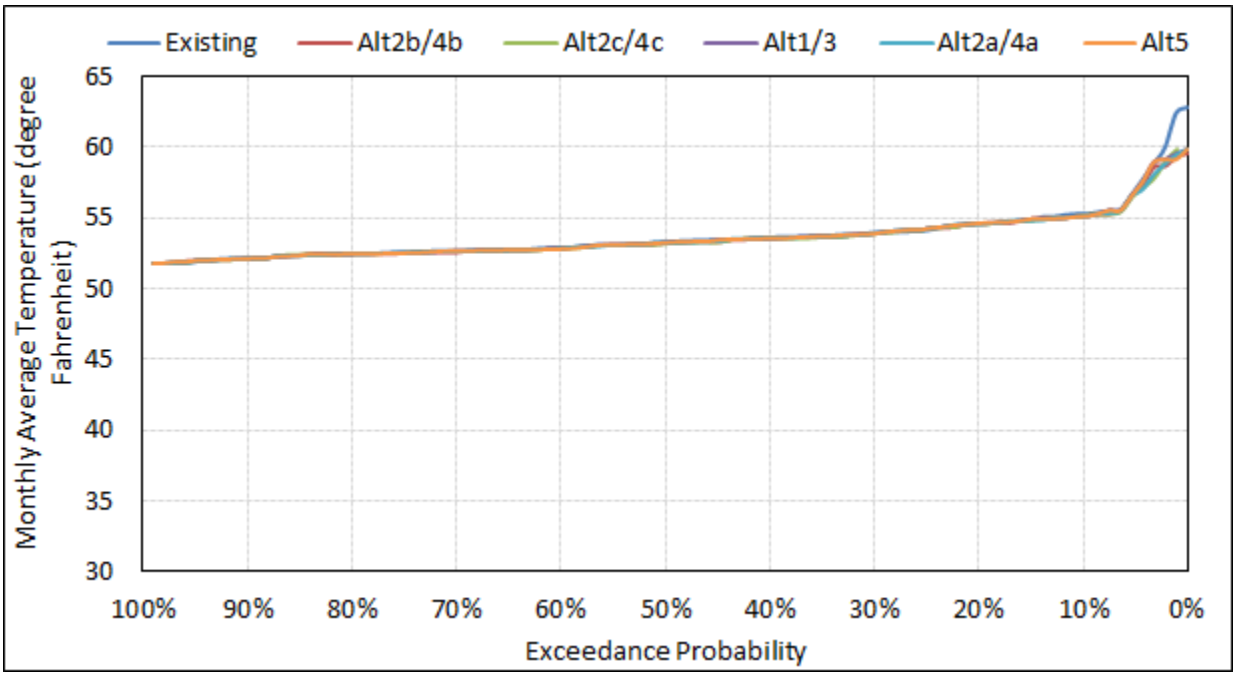


Figure 5A-D1.17.18. Sacramento River at Cottonwood Creek, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

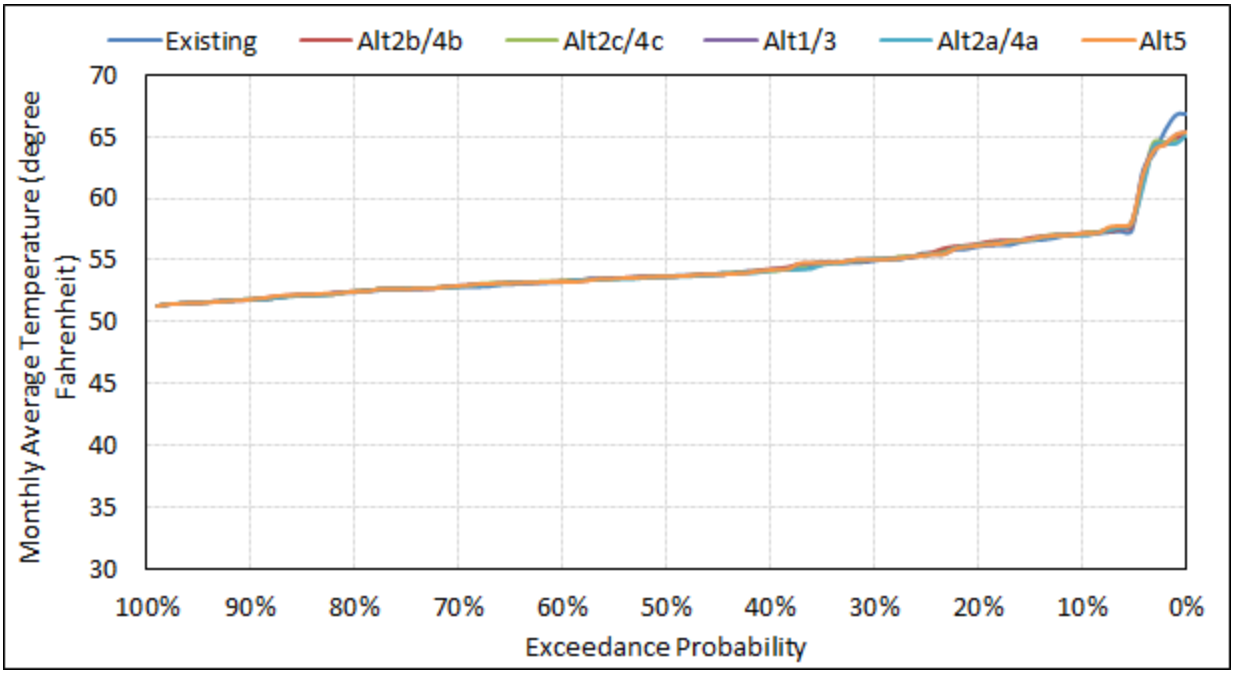
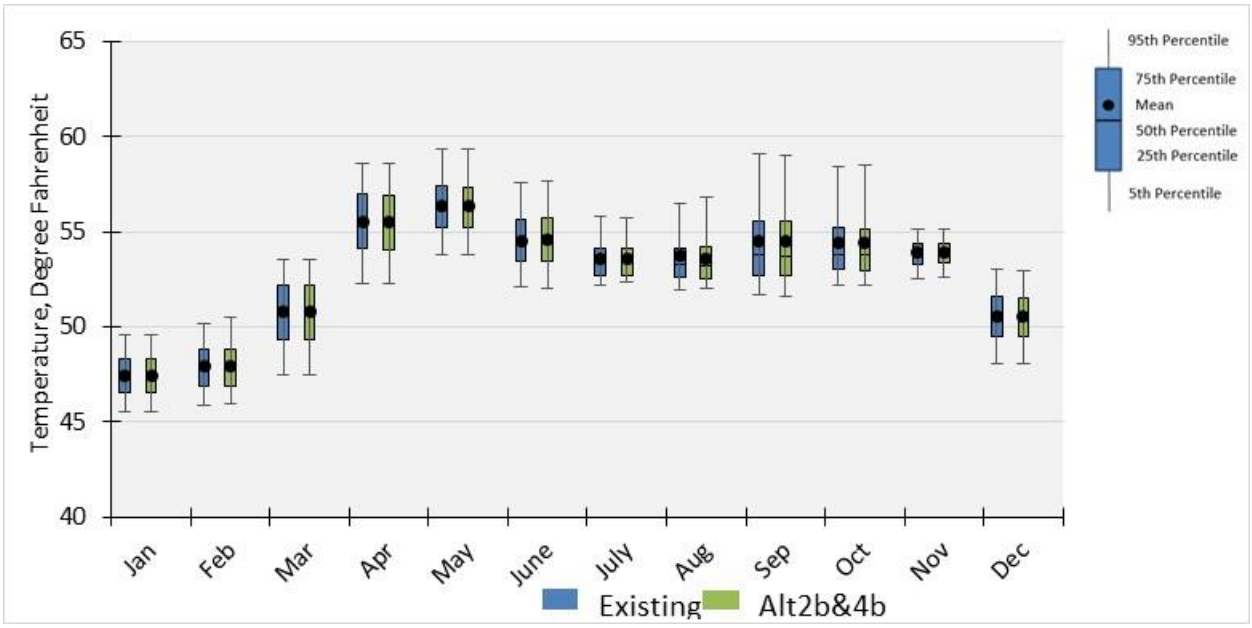


Figure 5A-D1.17.19. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



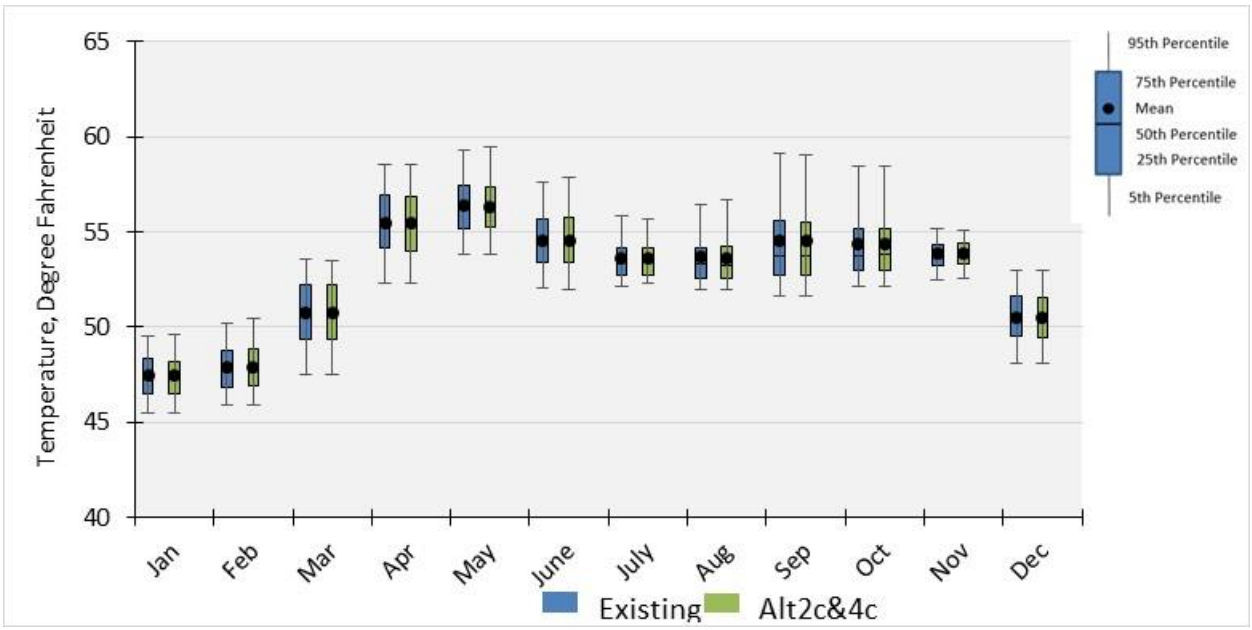
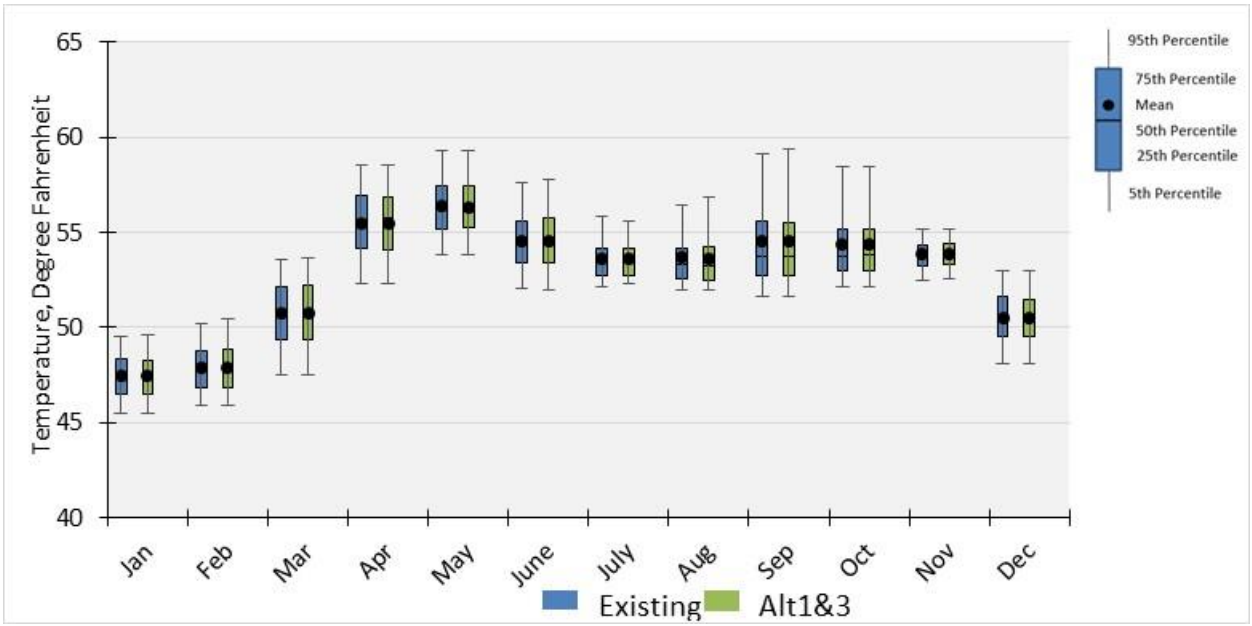


Figure 5A-D1.17.20. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



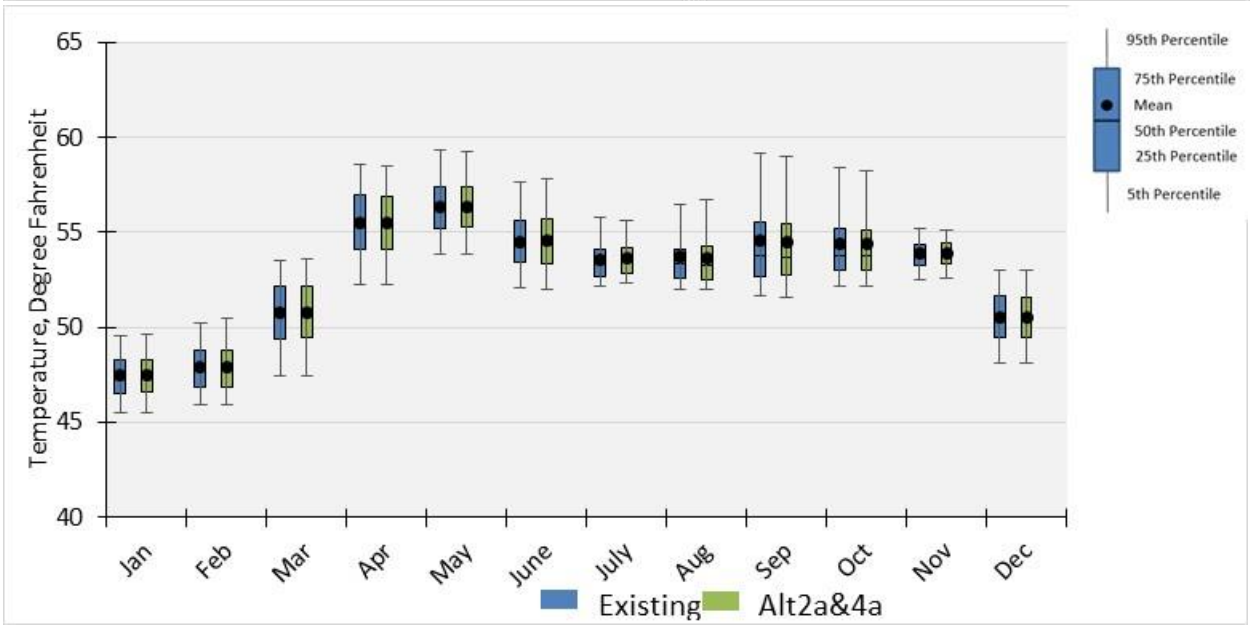


Figure 5A-D1.17.21. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

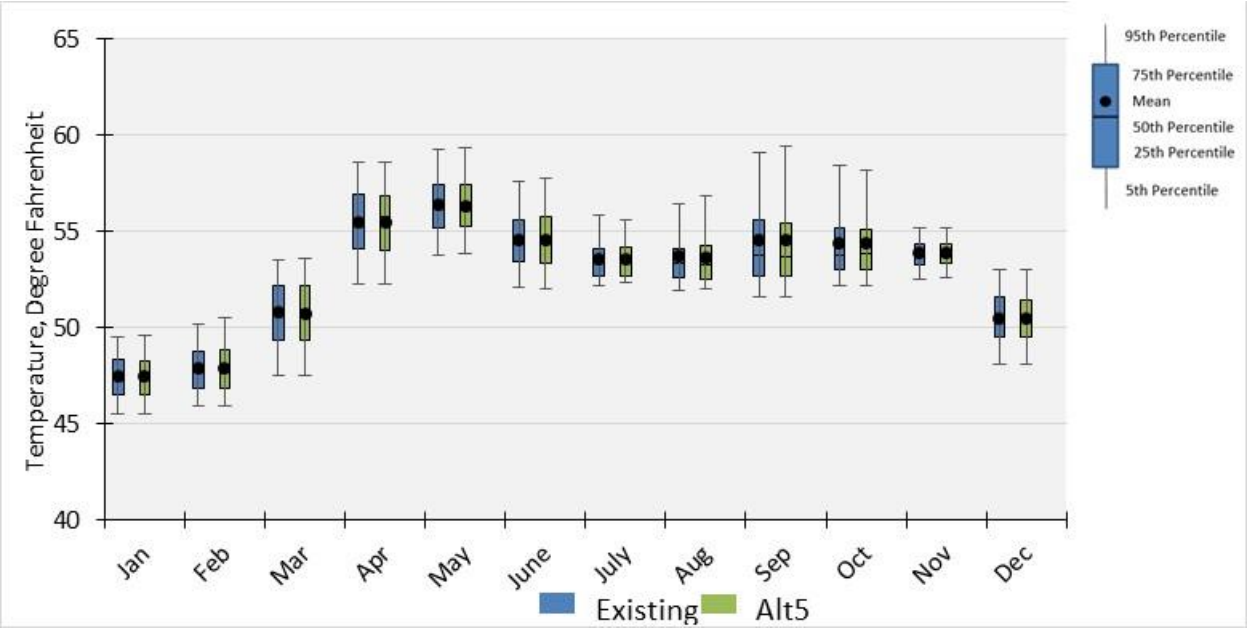
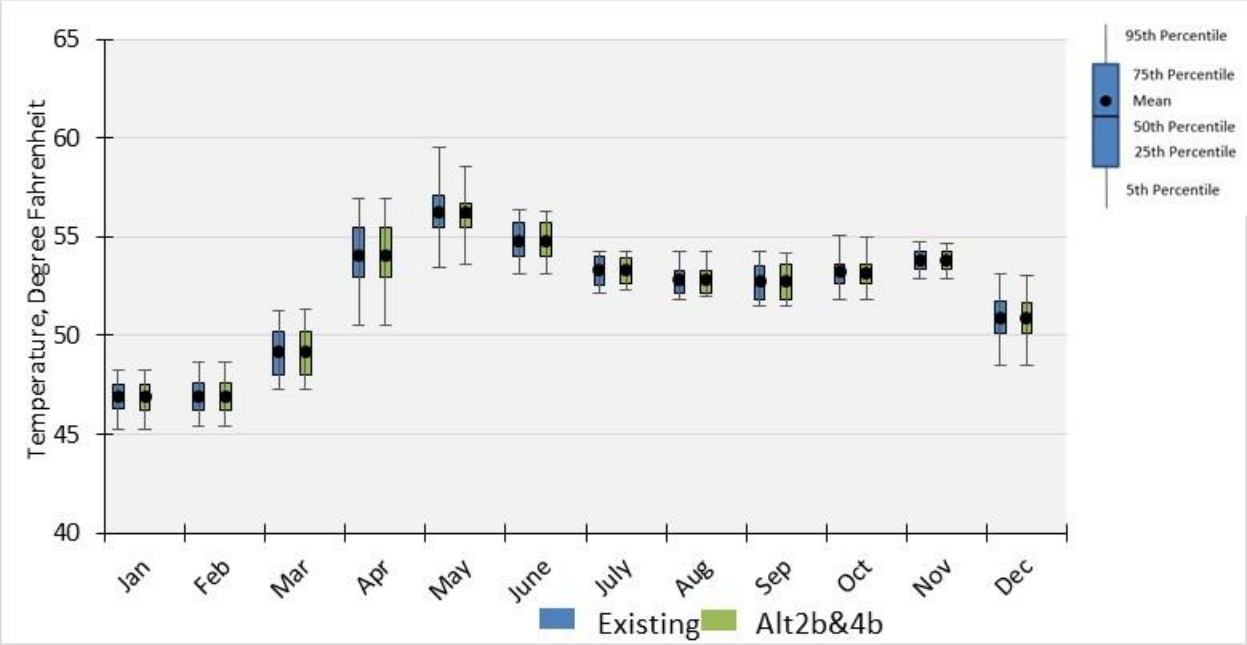


Figure 5A-D1.17.22. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



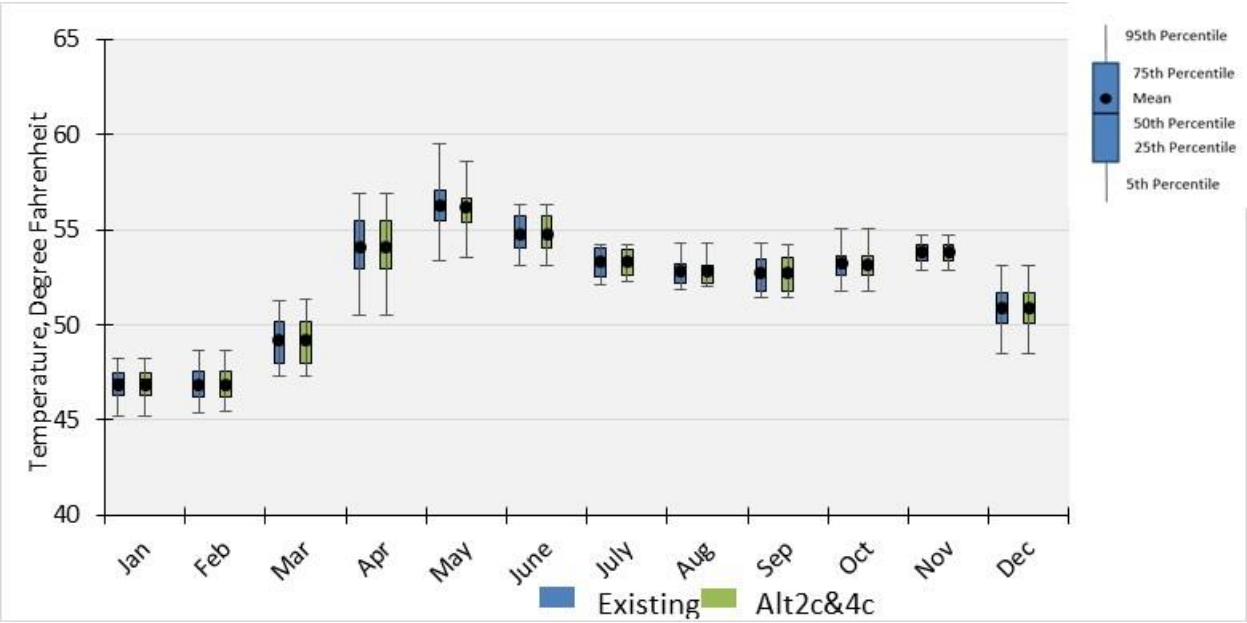
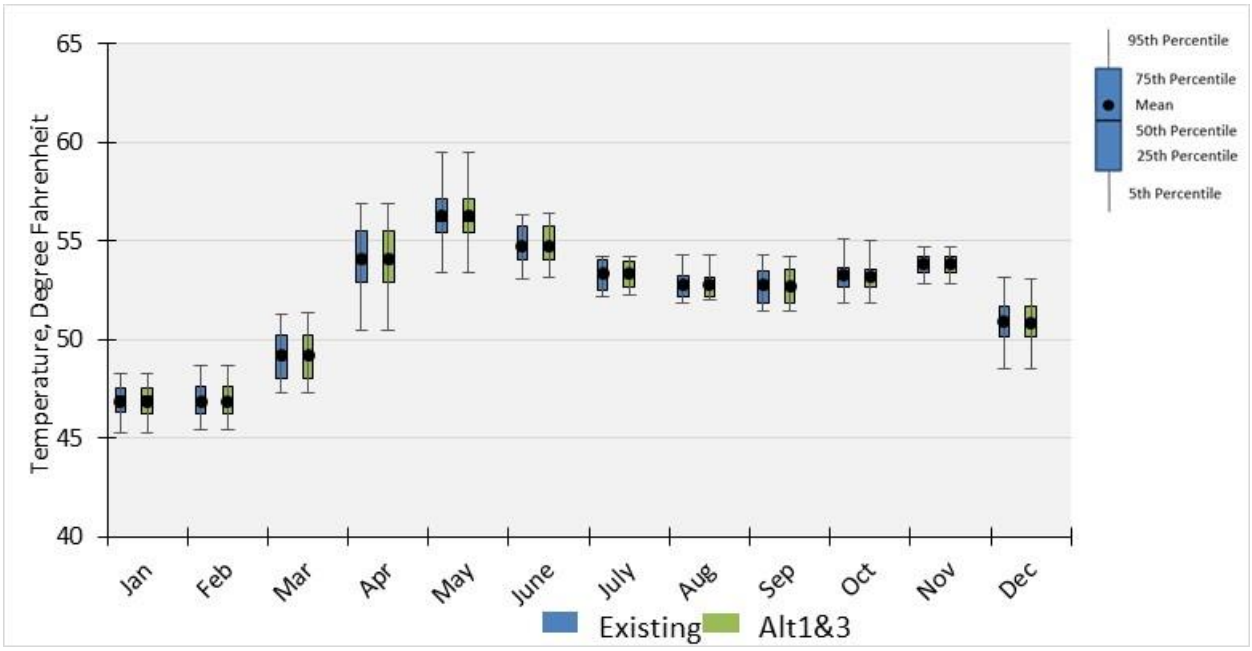


Figure 5A-D1.17.23. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



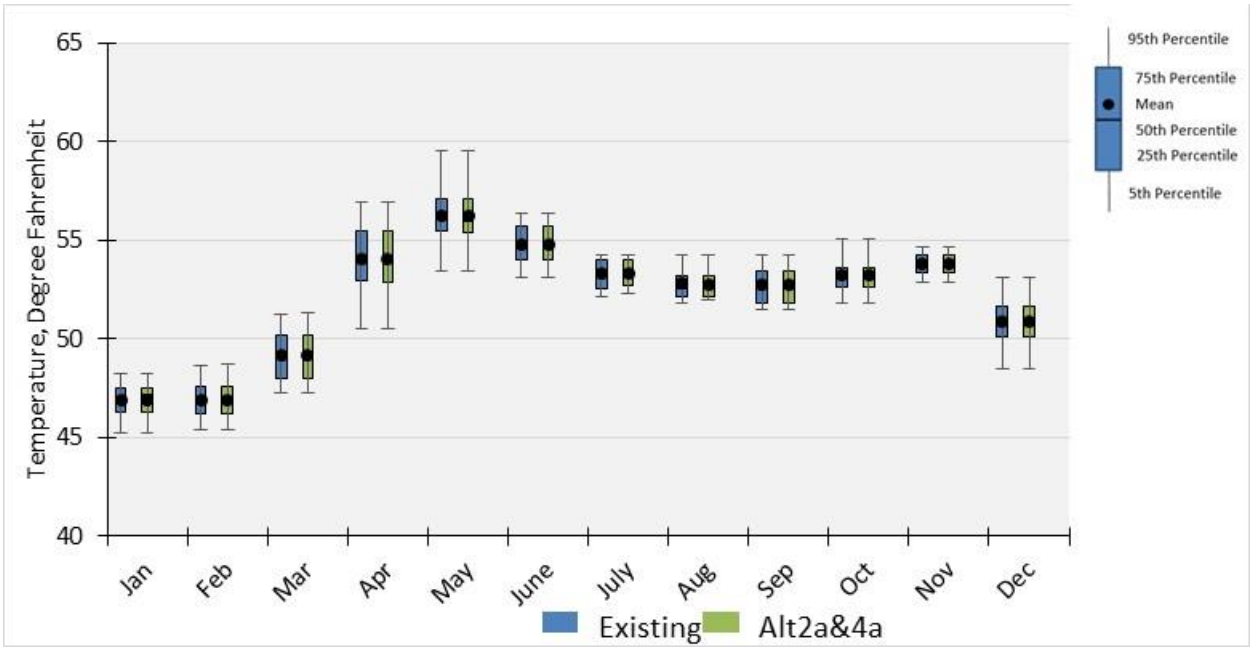


Figure 5A-D1.17.24. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

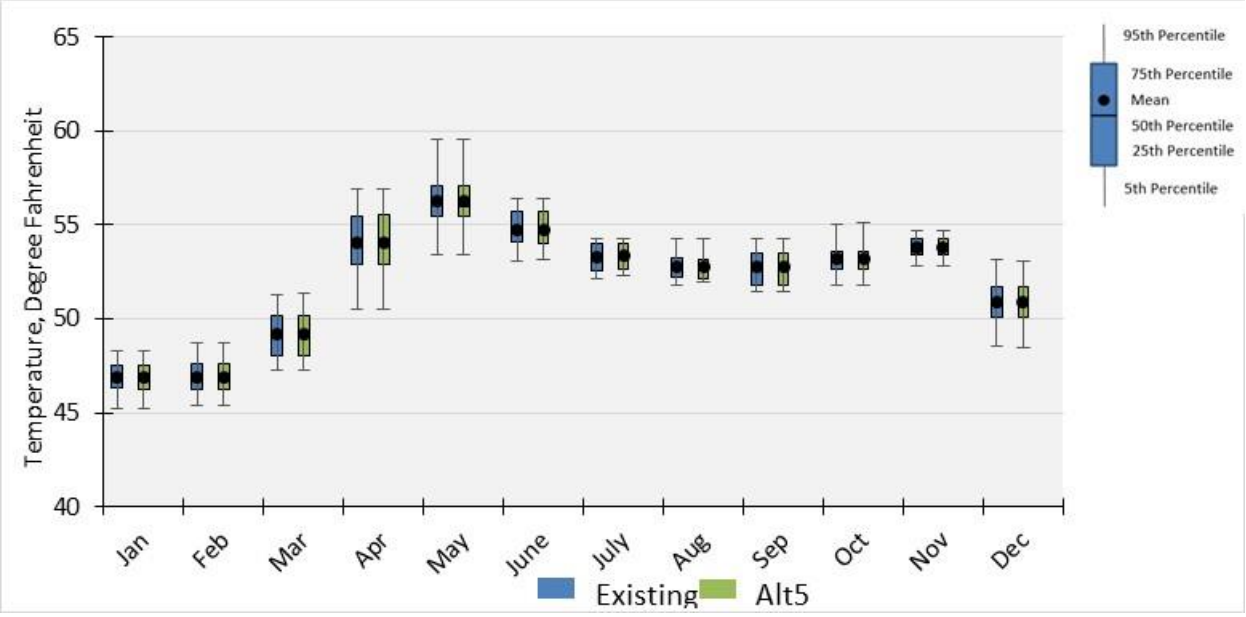
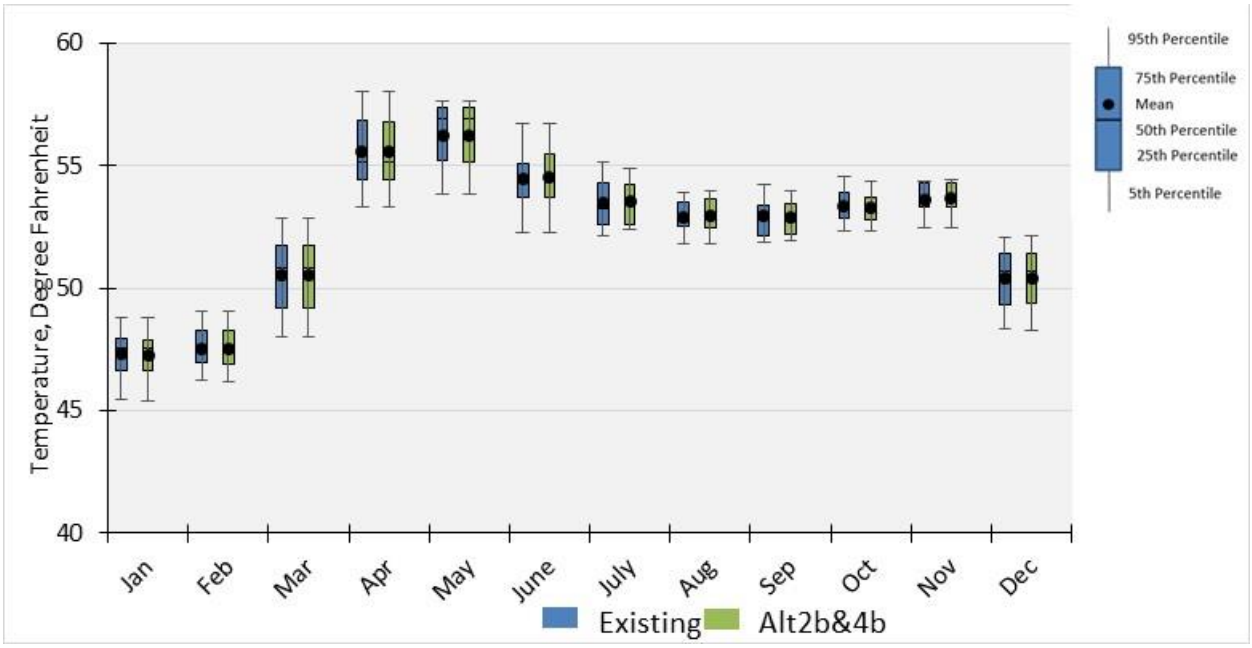


Figure 5A-D1.17.25. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



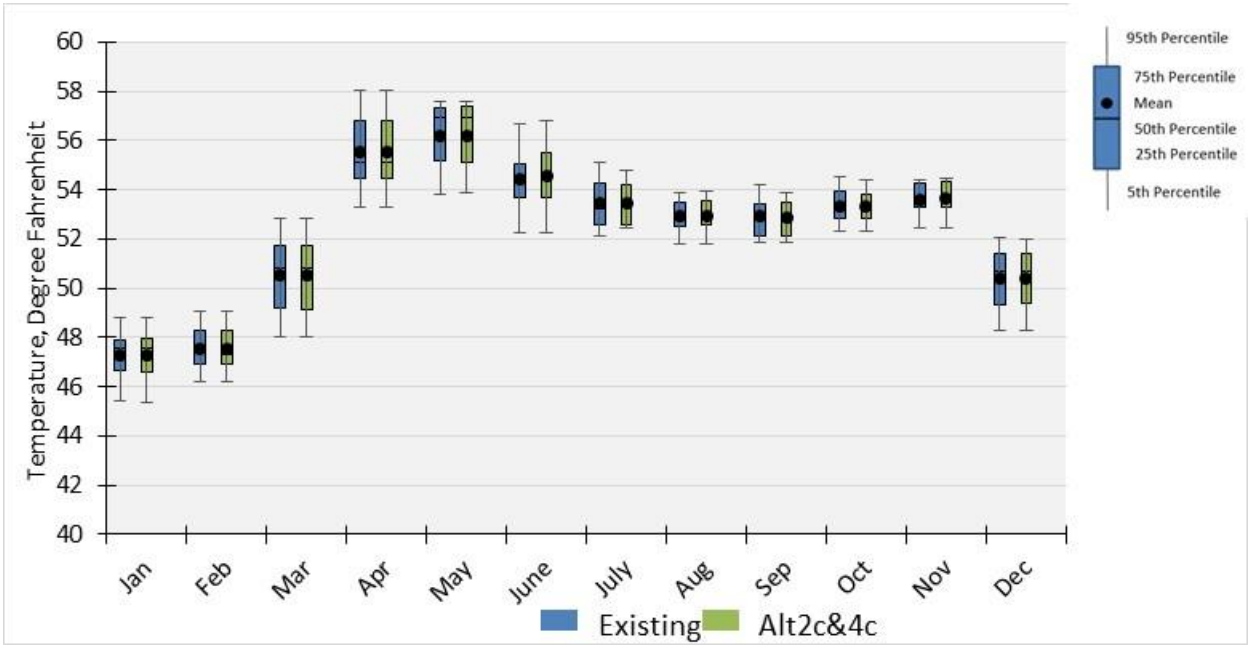
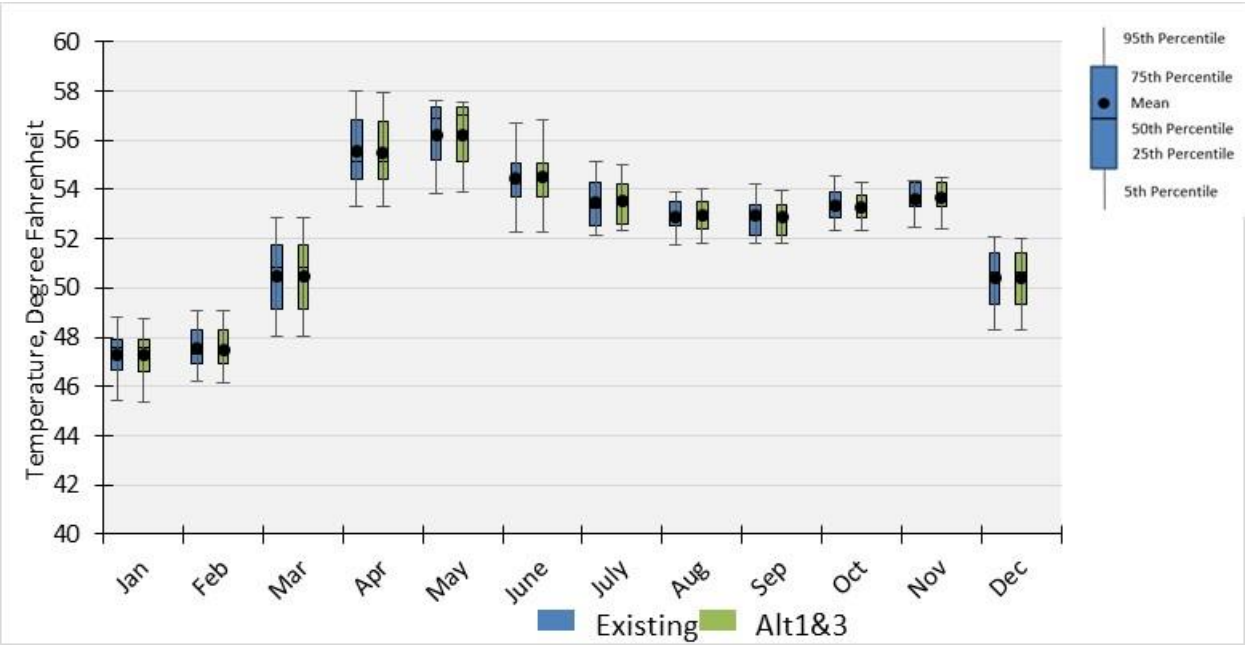


Figure 5A-D1.17.26. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



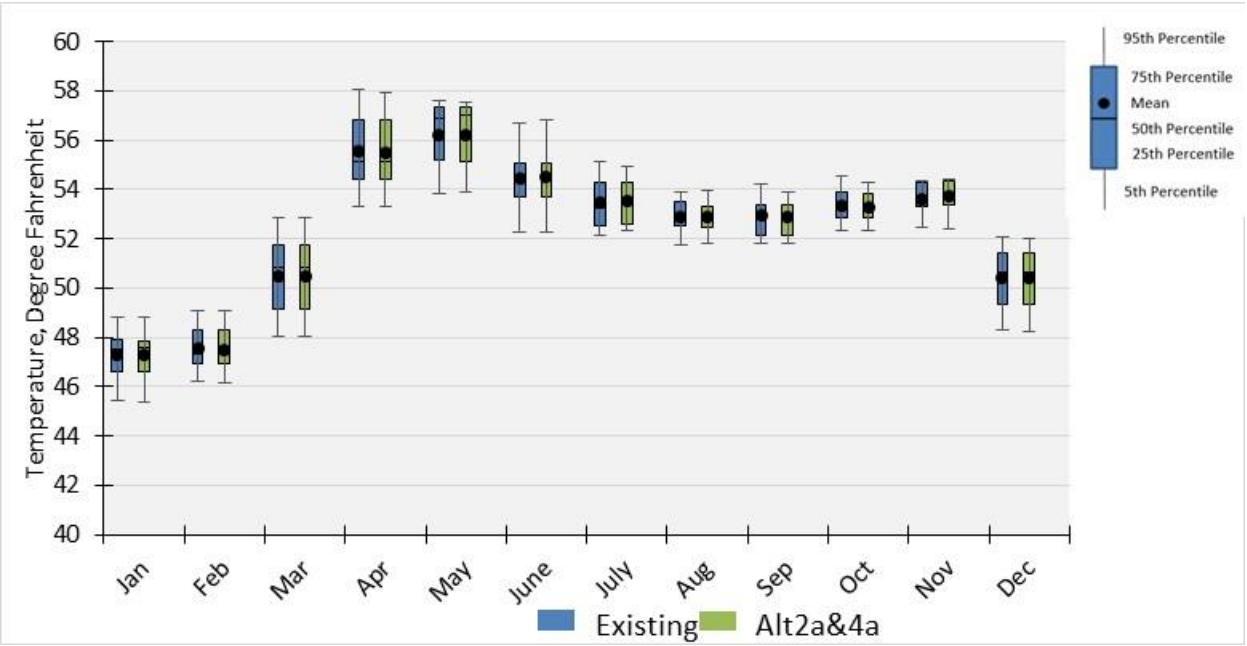


Figure 5A-D1.17.27. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

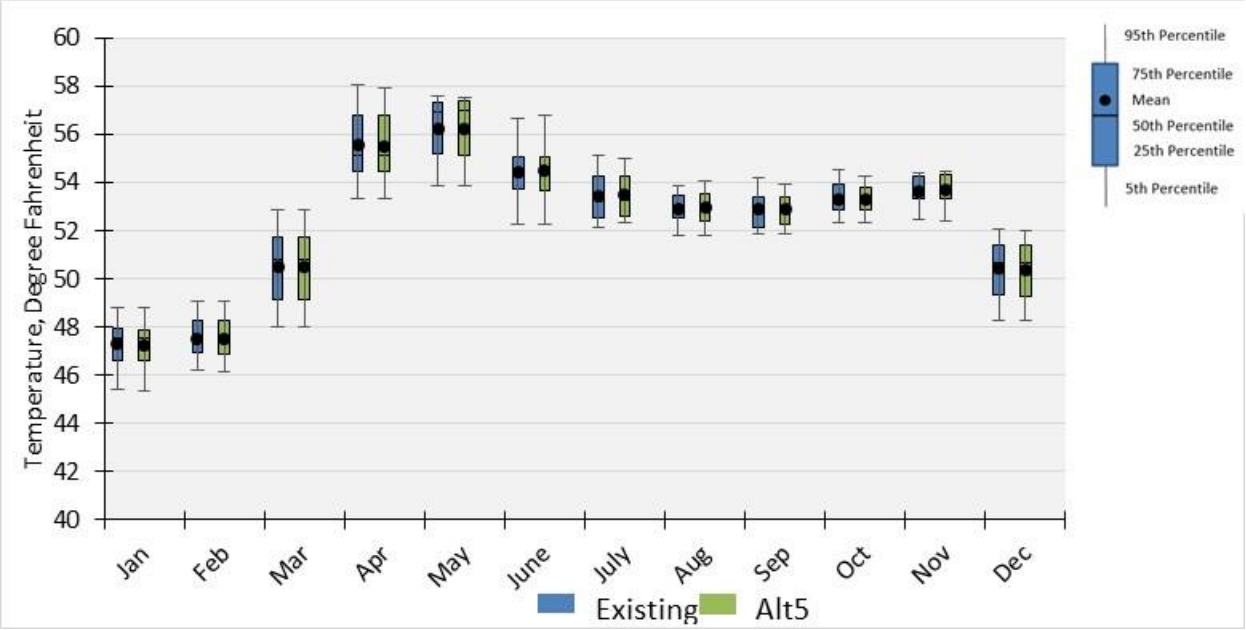
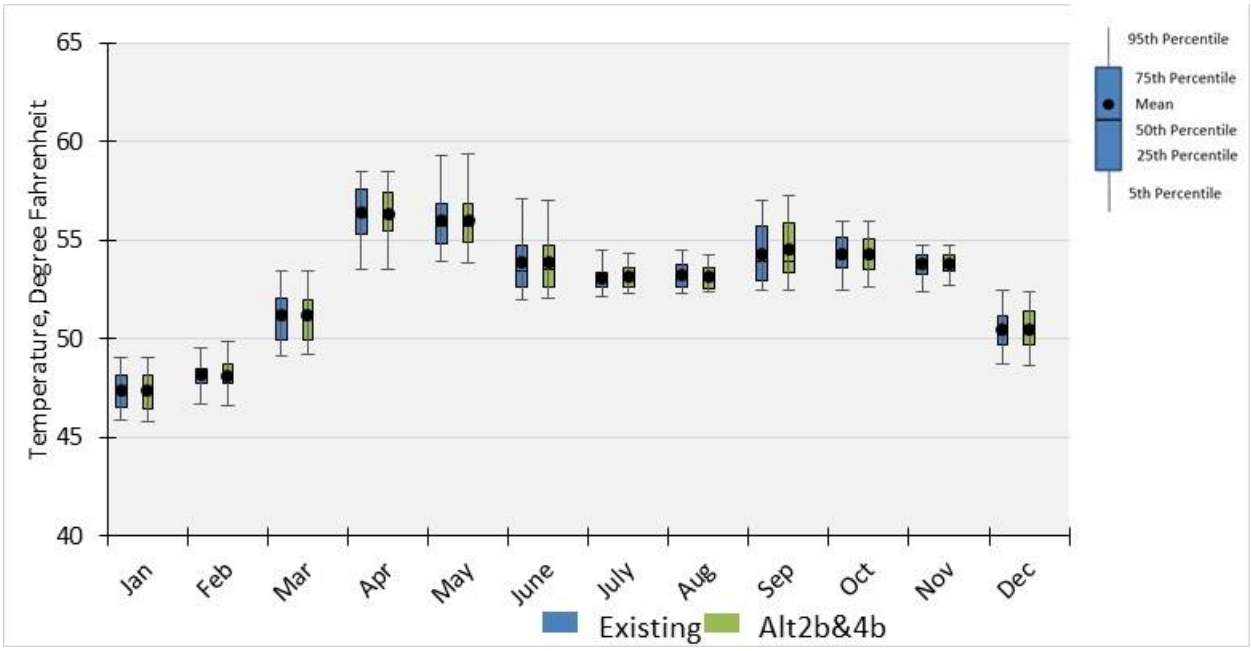


Figure 5A-D1.17.28. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



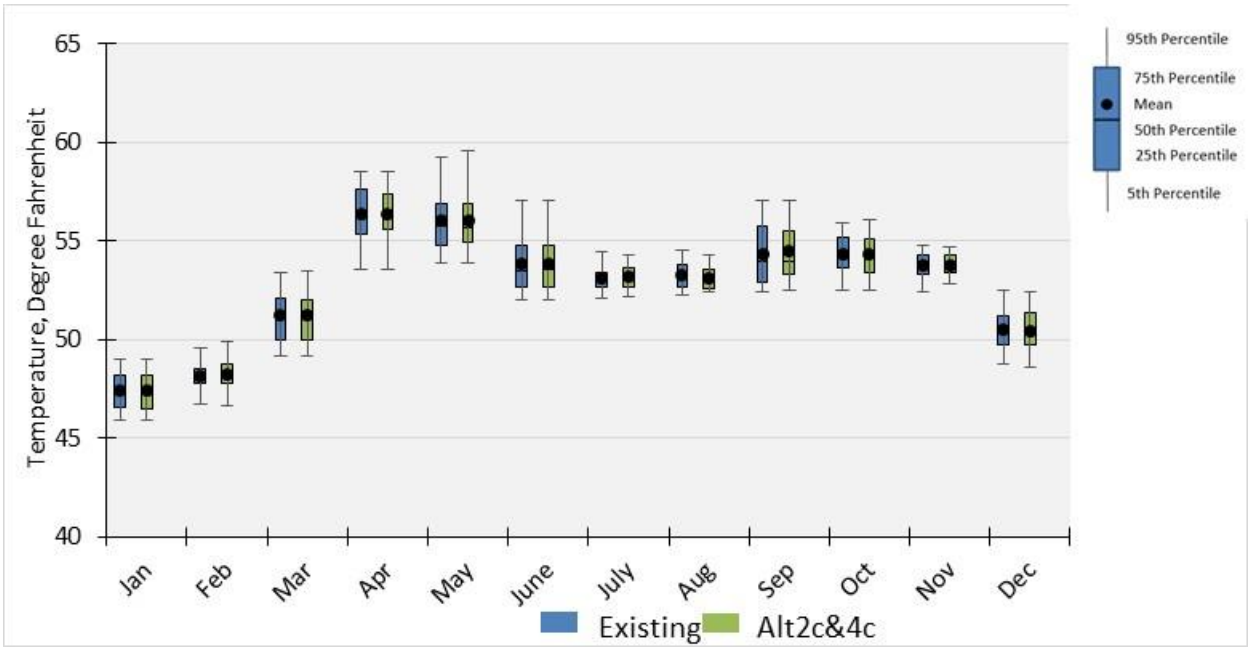
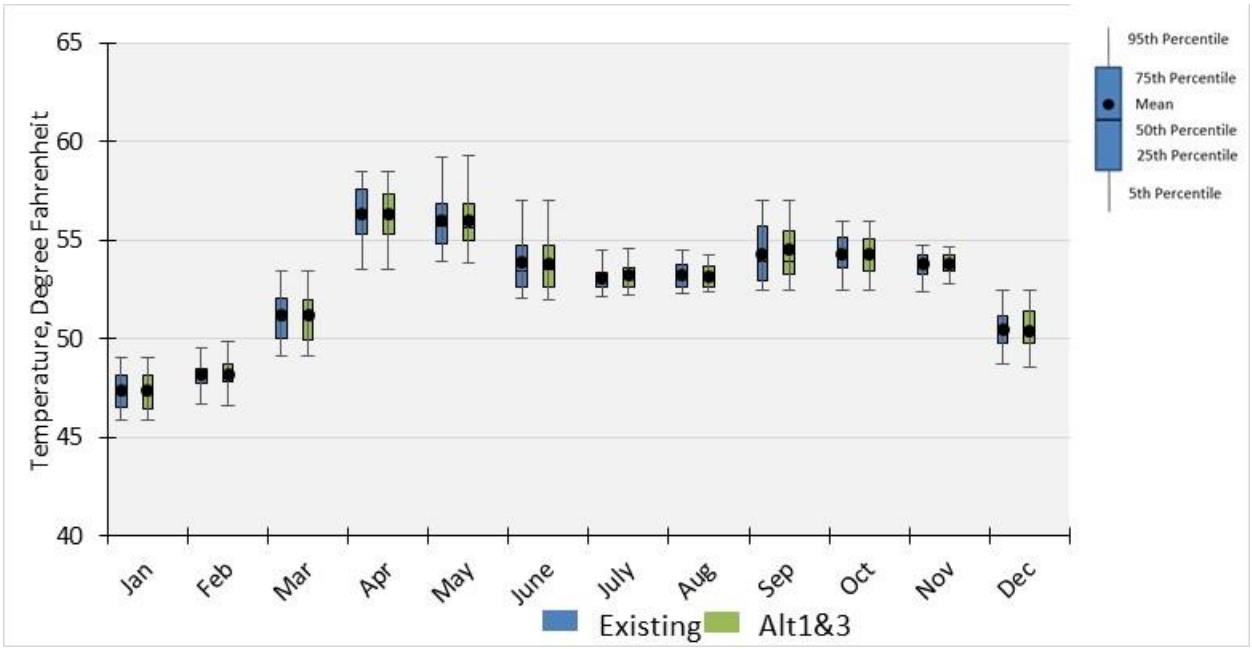


Figure 5A-D1.17.29. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



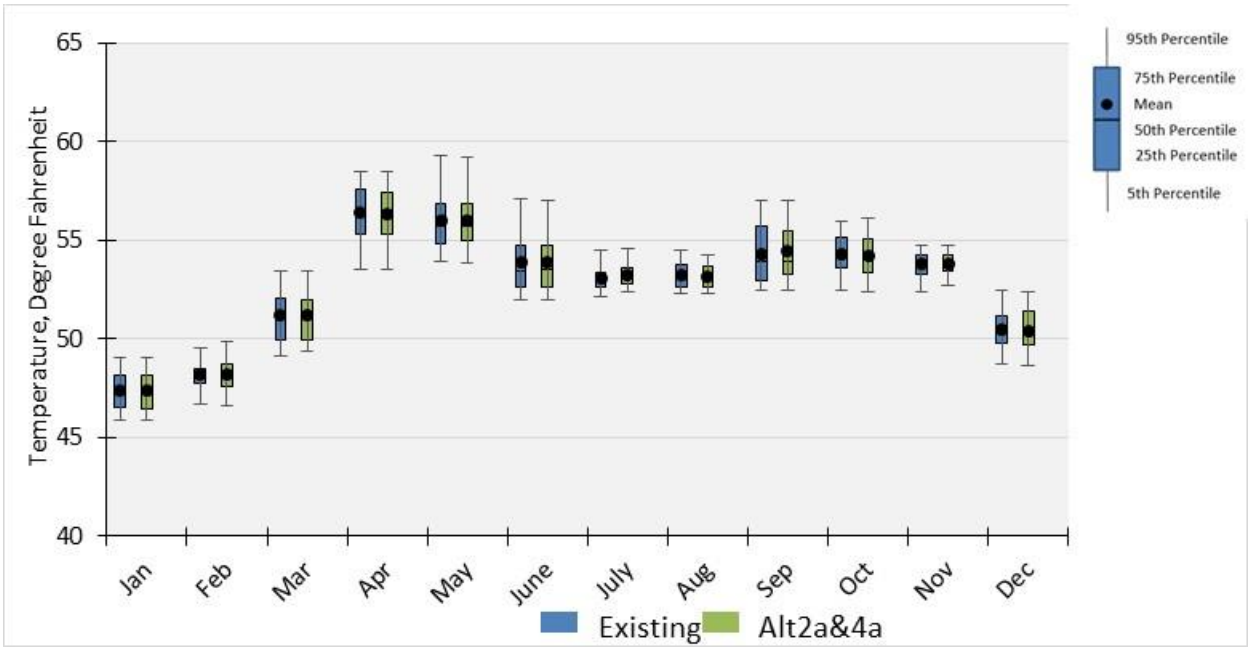


Figure 5A-D1.17.30. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

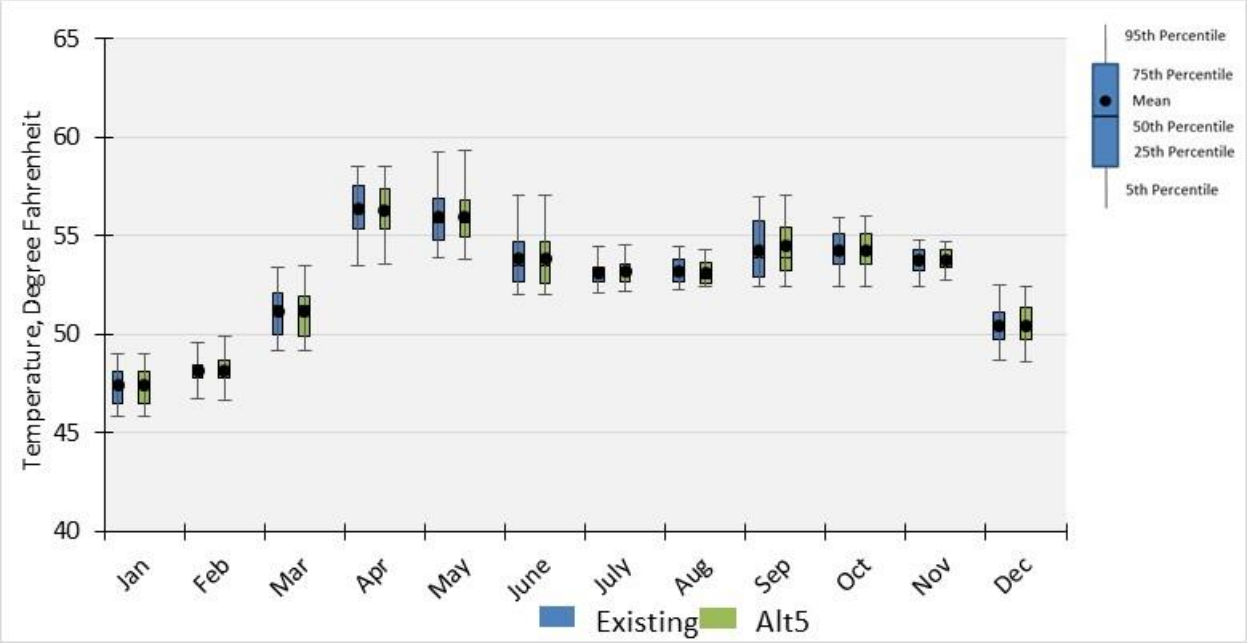
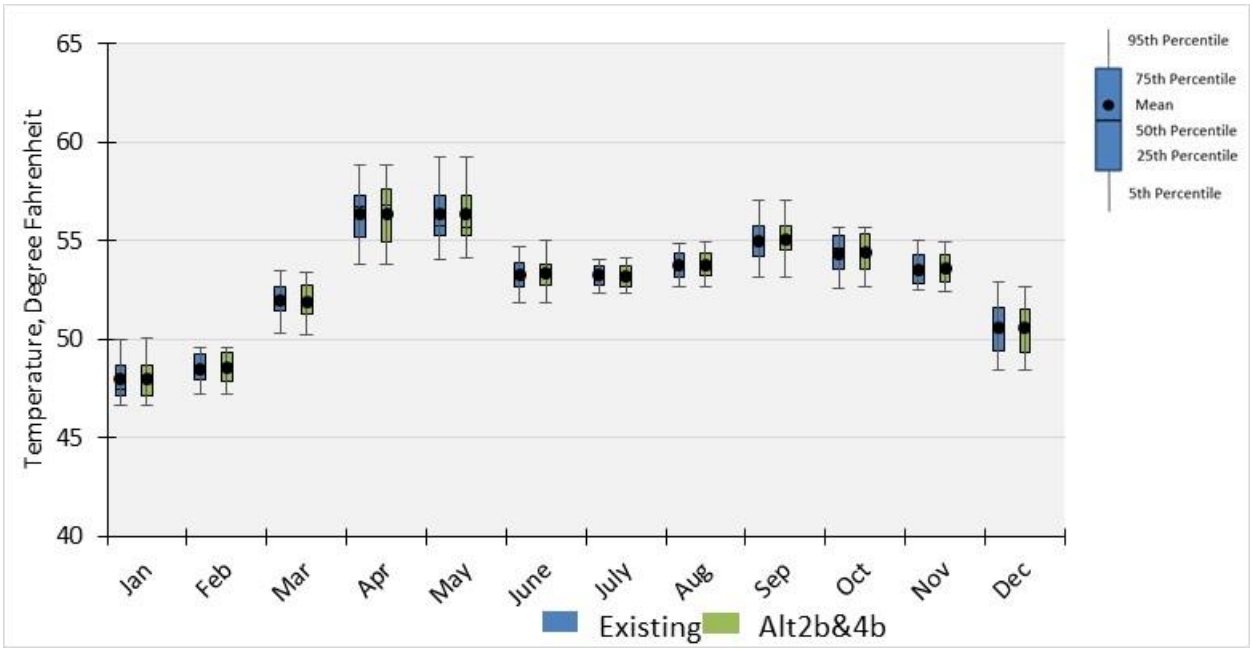


Figure 5A-D1.17.31. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



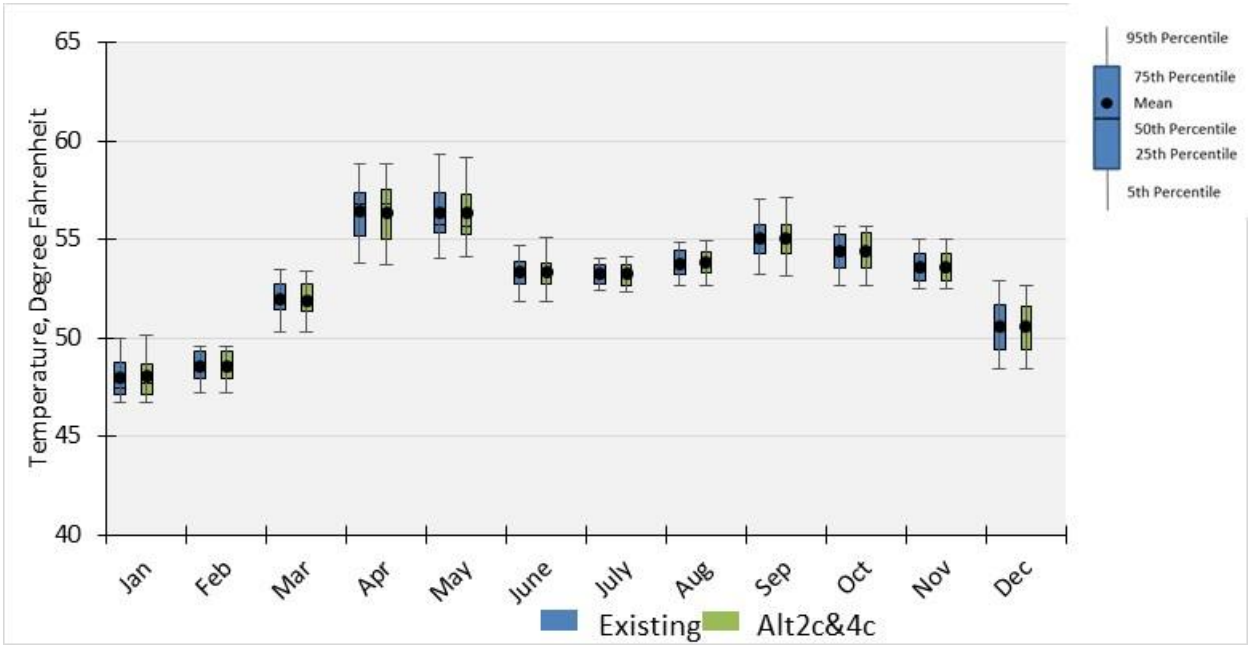
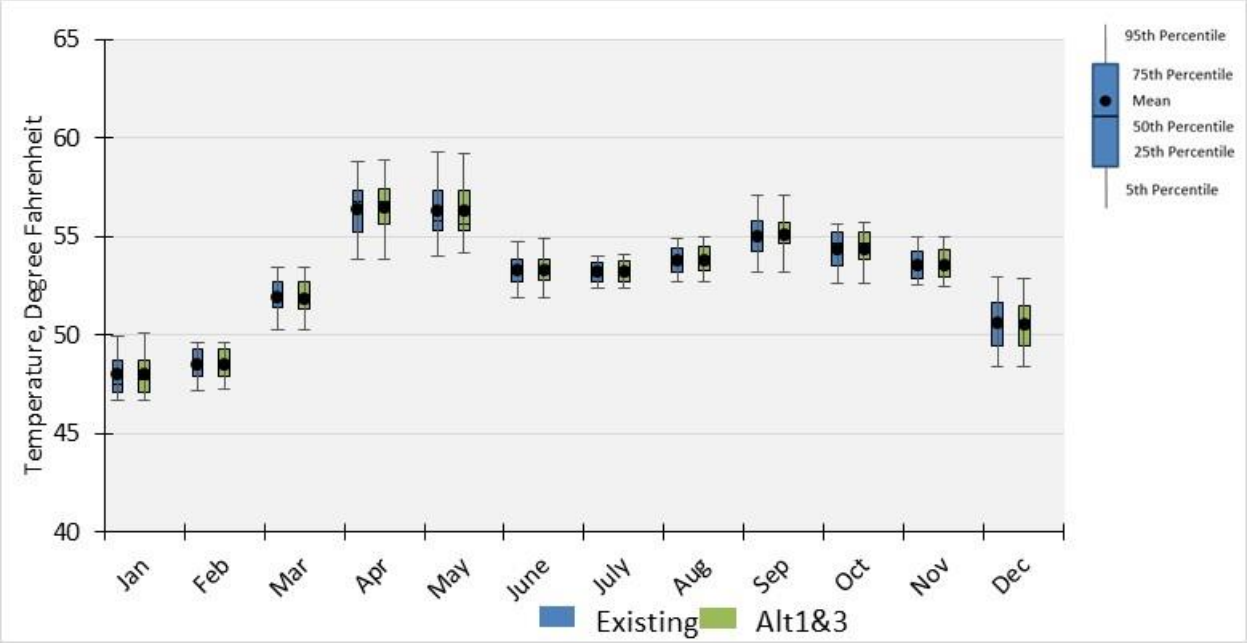


Figure 5A-D1.17.32. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



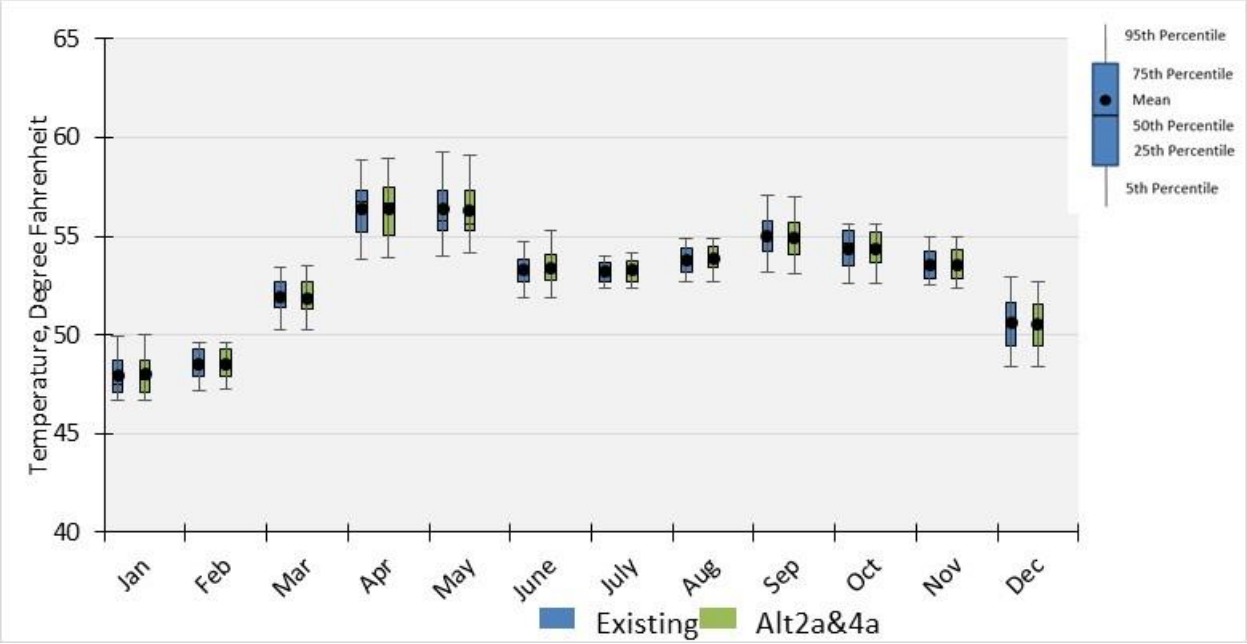


Figure 5A-D1.17.33. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

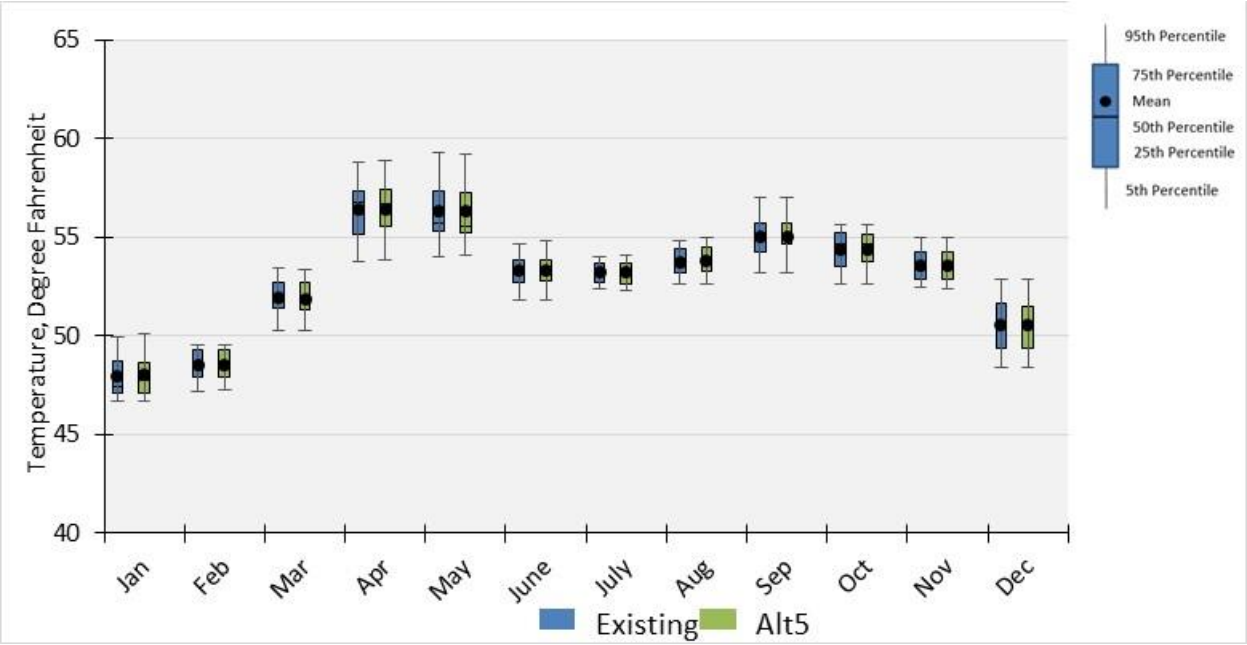
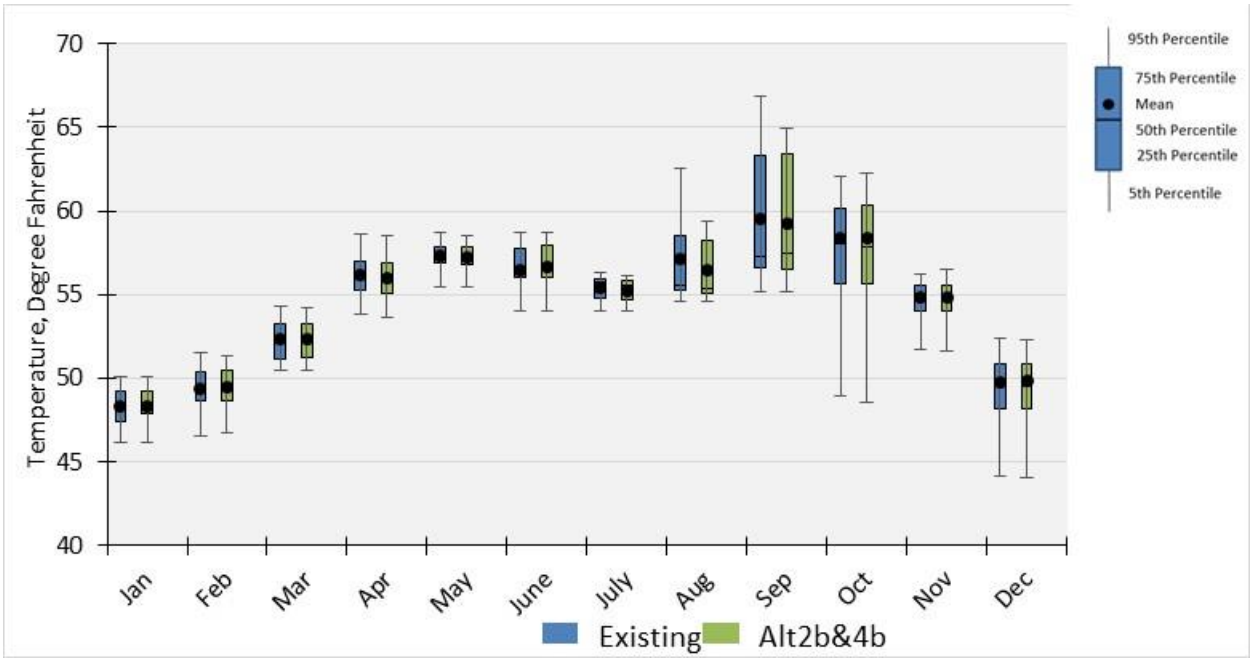


Figure 5A-D1.17.34. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



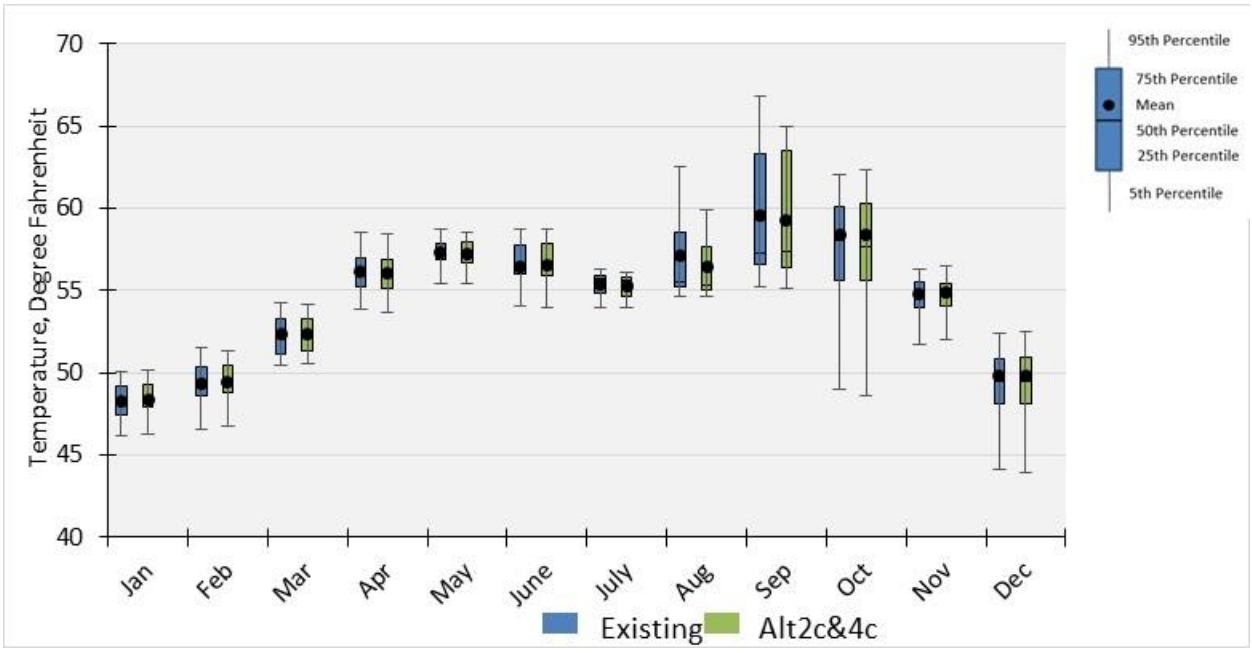
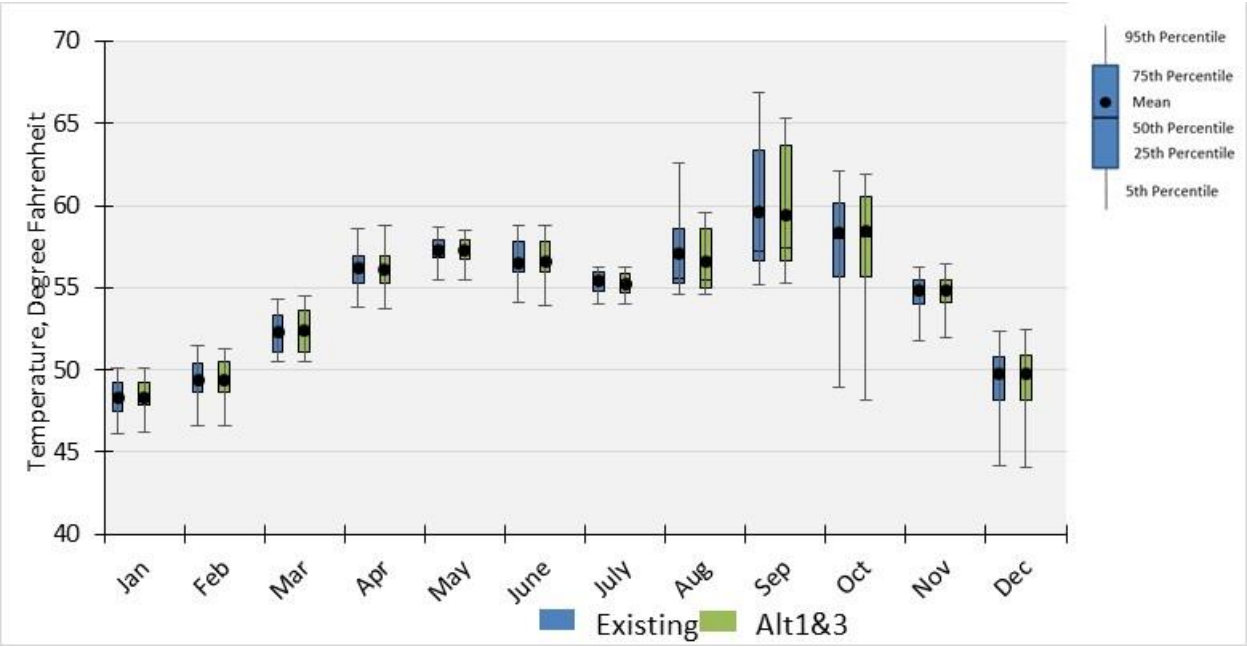


Figure 5A-D1.17.35. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



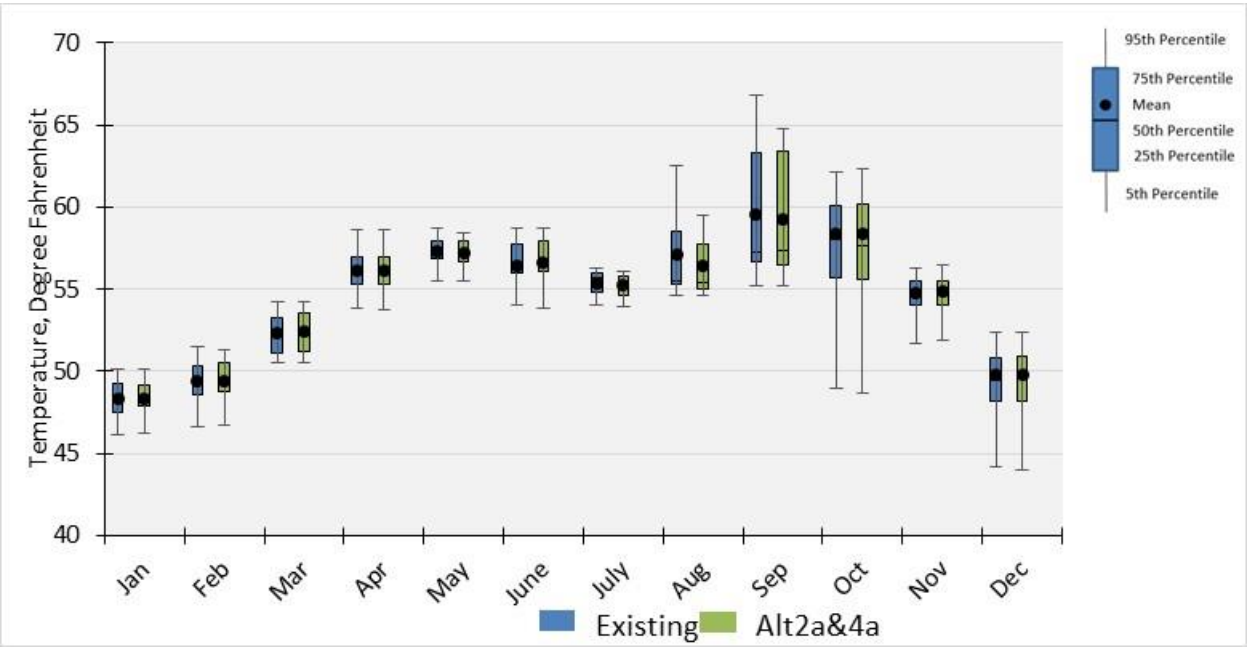


Figure 5A-D1.17.36. Sacramento River at Cottonwood Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

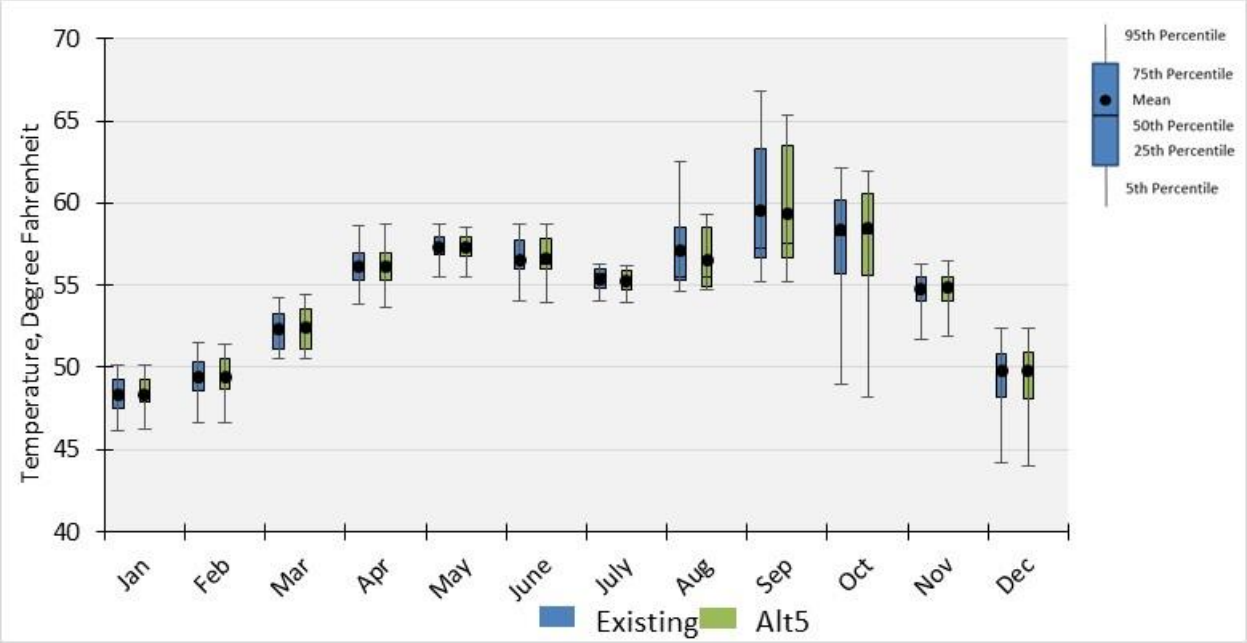
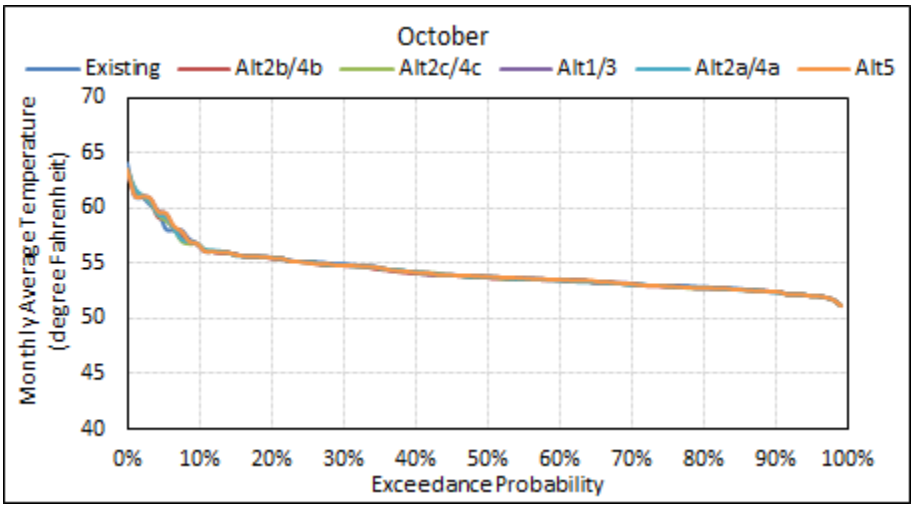
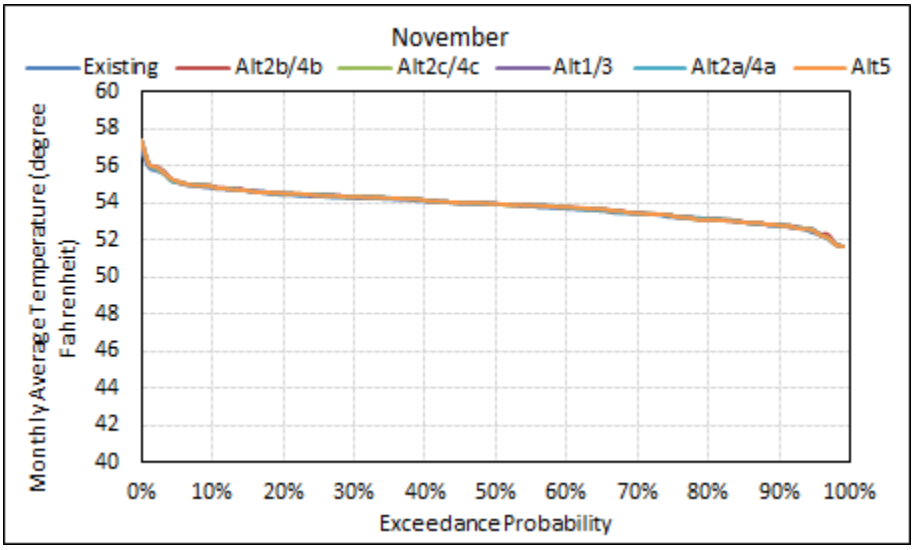


Figure 5A-D1.17.37-A. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





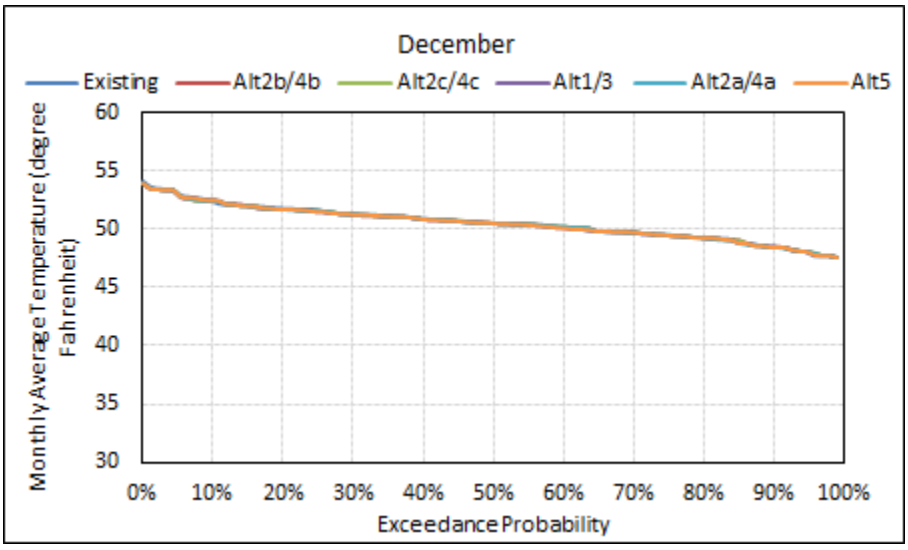
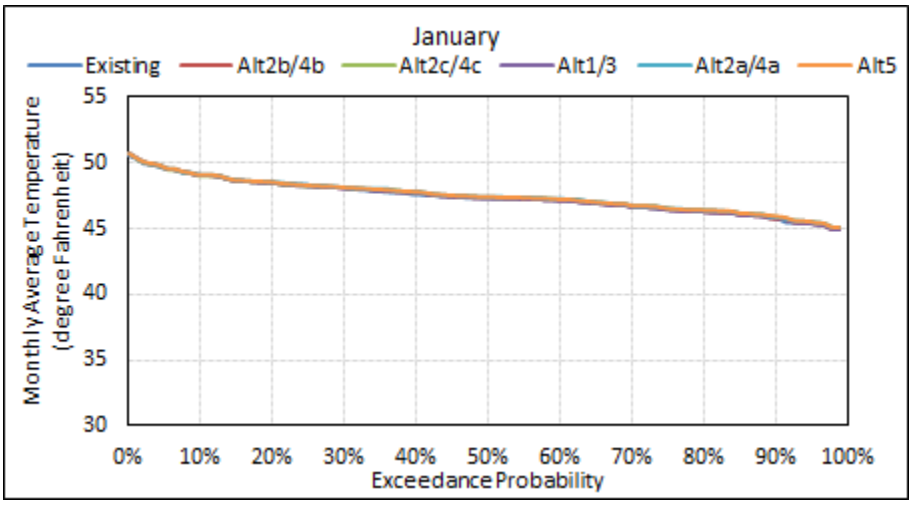
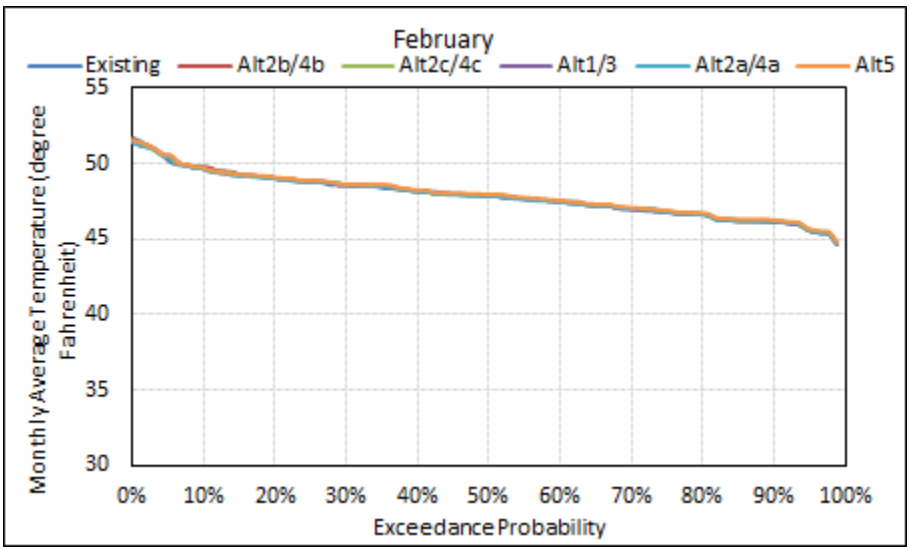


Figure 5A-D1.17.37-B. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





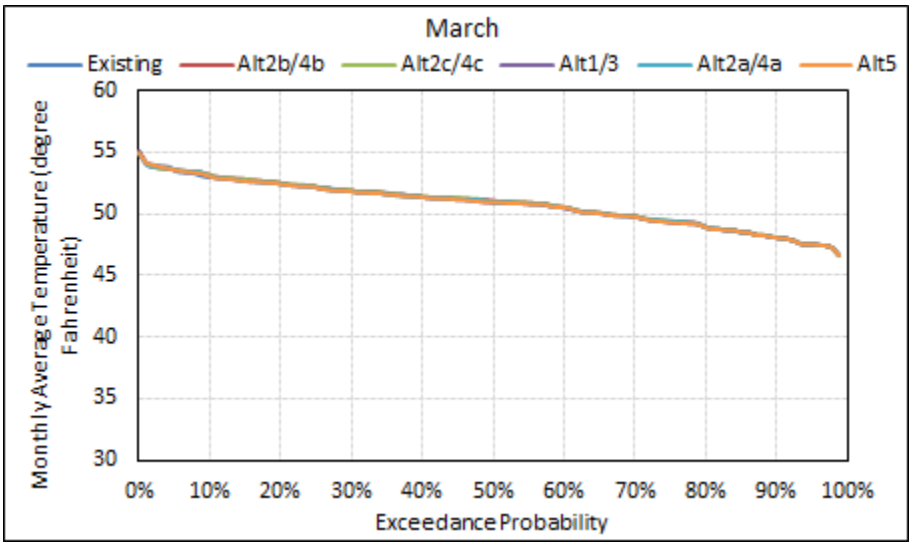
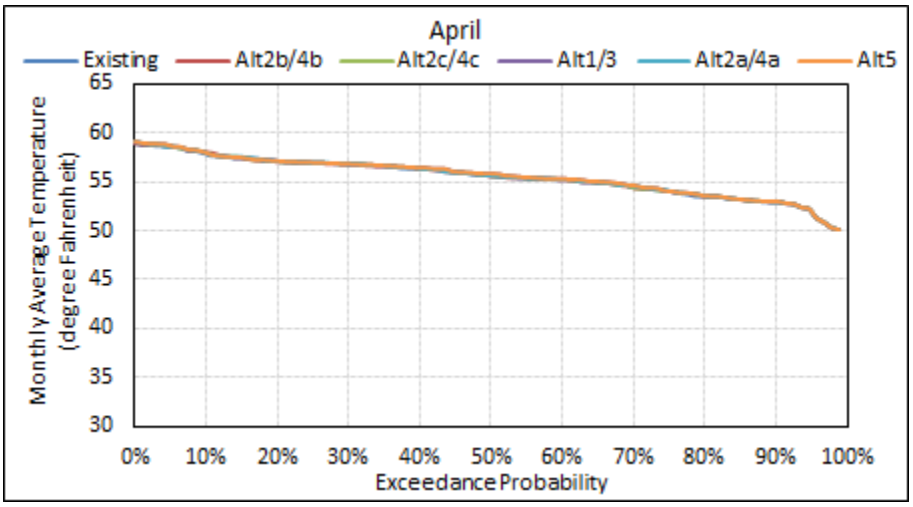
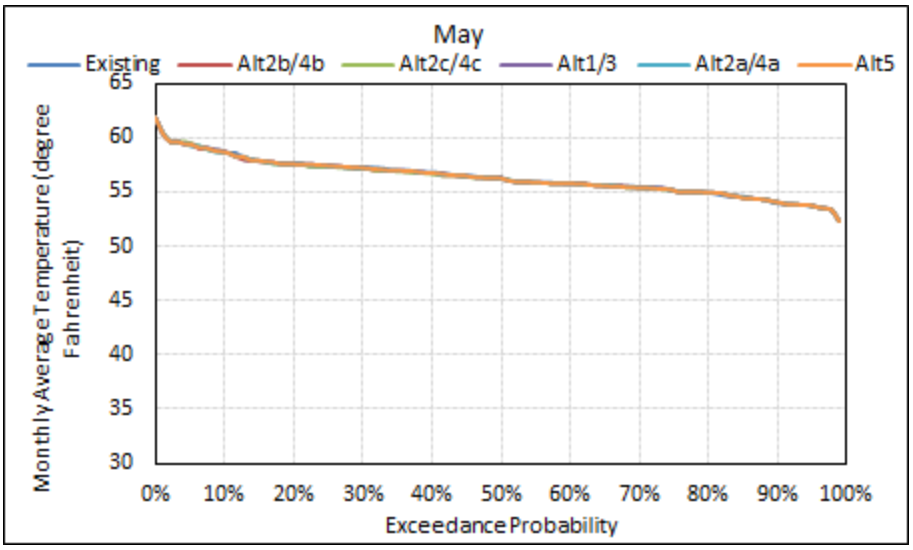


Figure 5A-D1.17.37-C. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





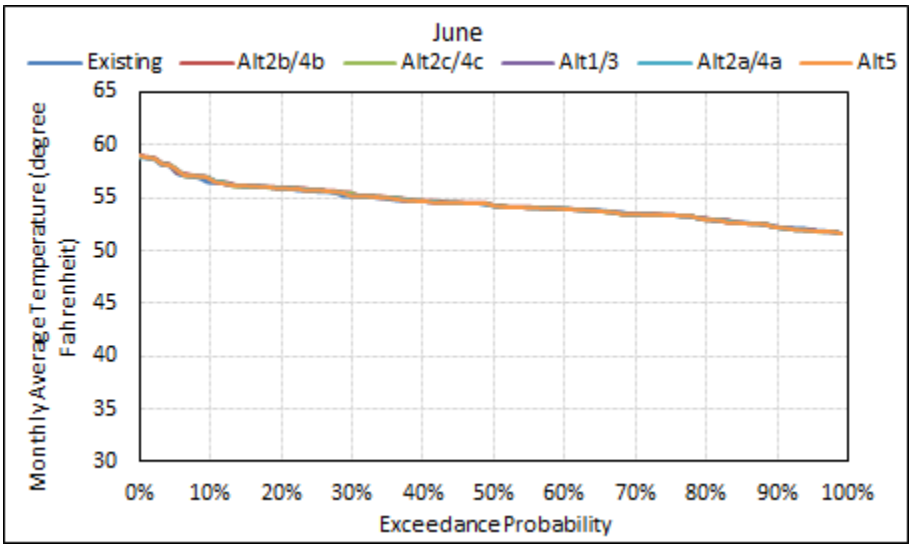
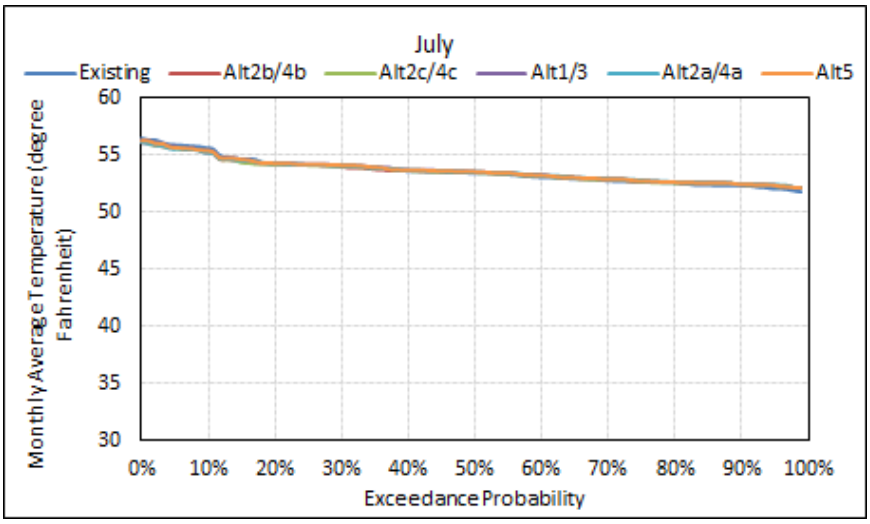
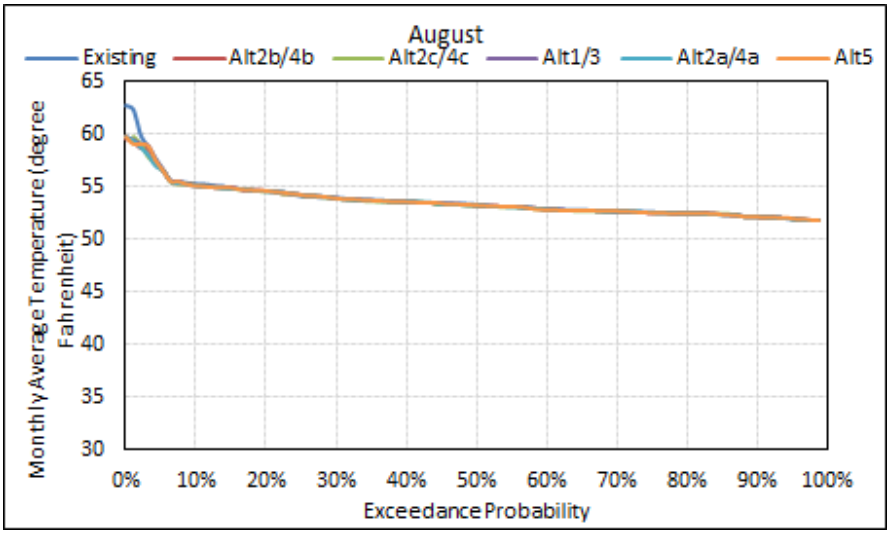


Figure 5A-D1.17.37-D. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





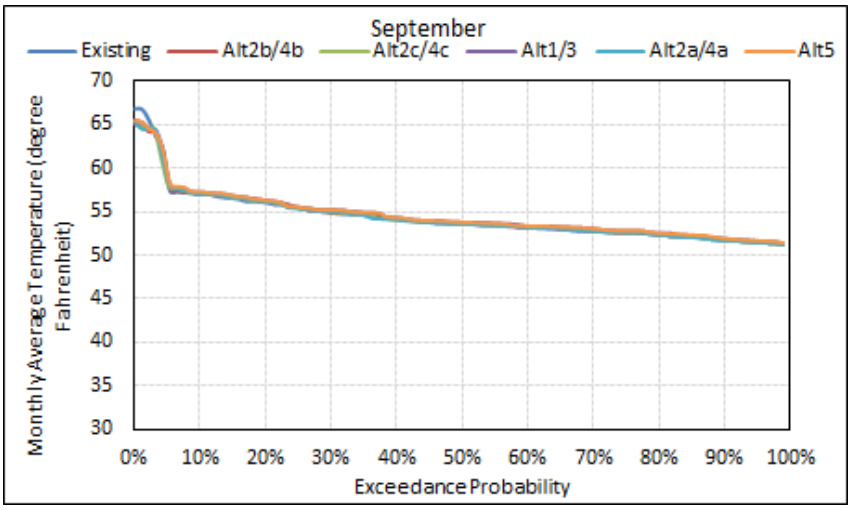


Figure 5A-D1.17.38. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

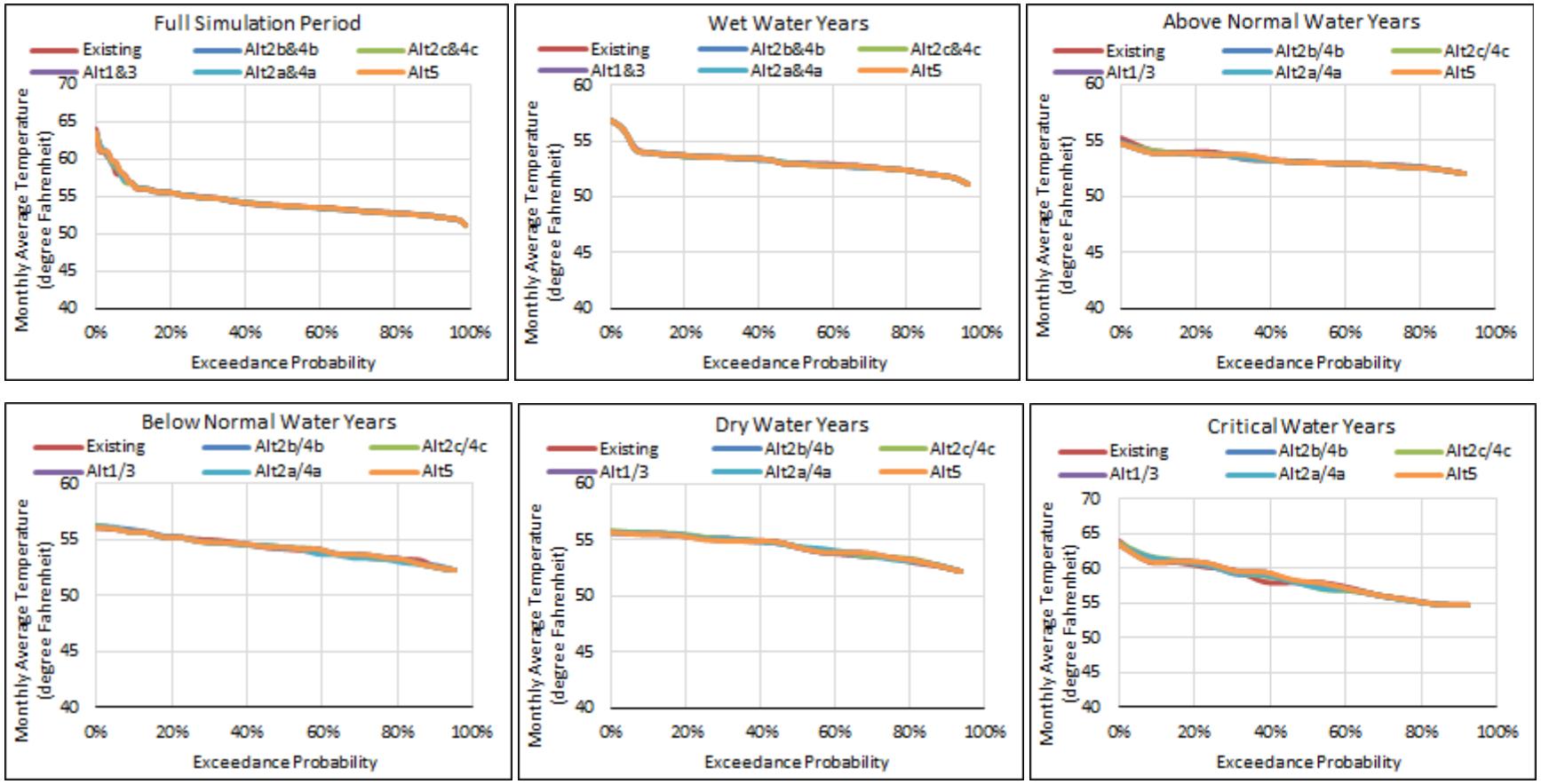


Figure 5A-D1.17.39. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

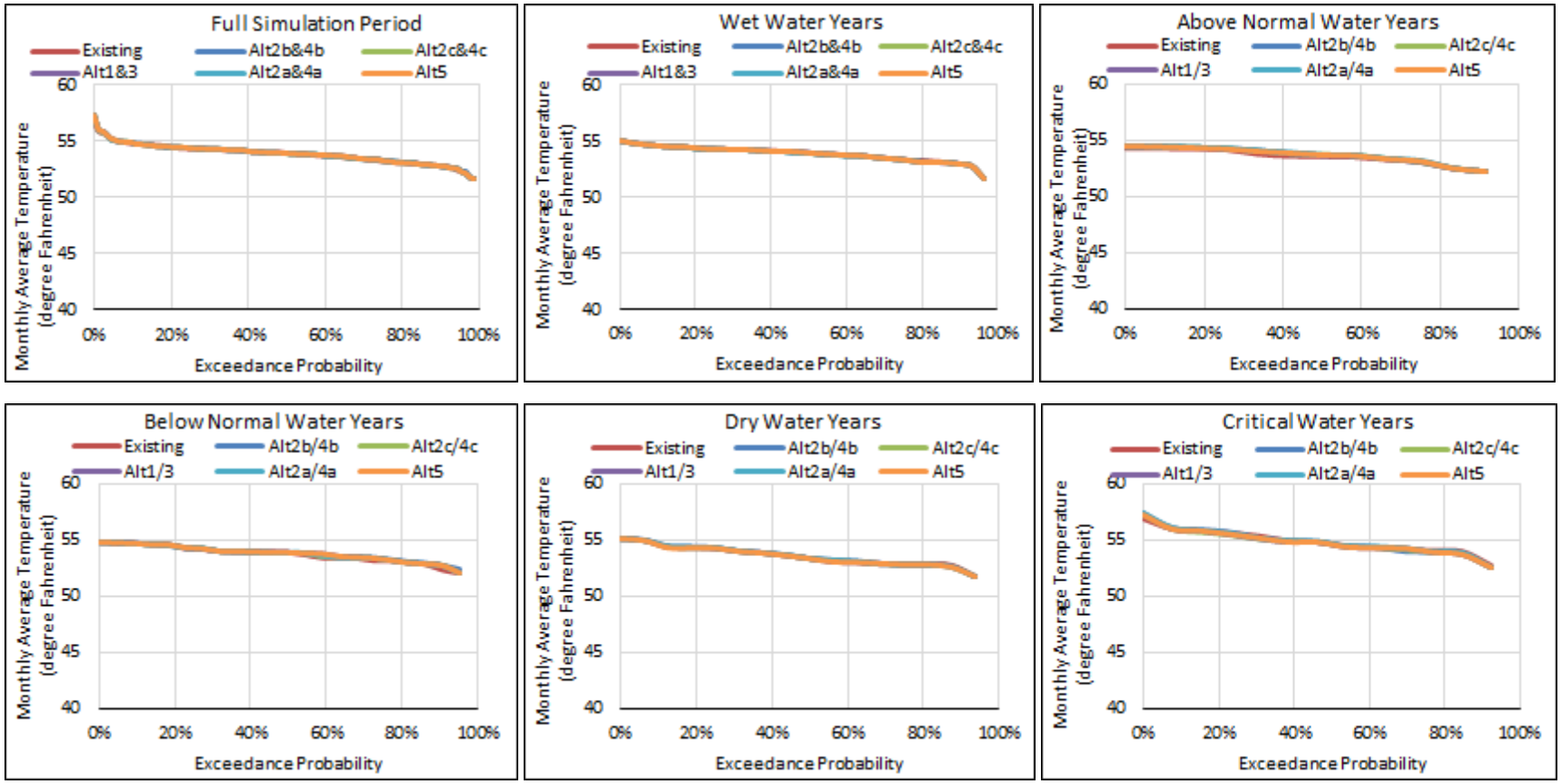


Figure 5A-D1.17.40. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

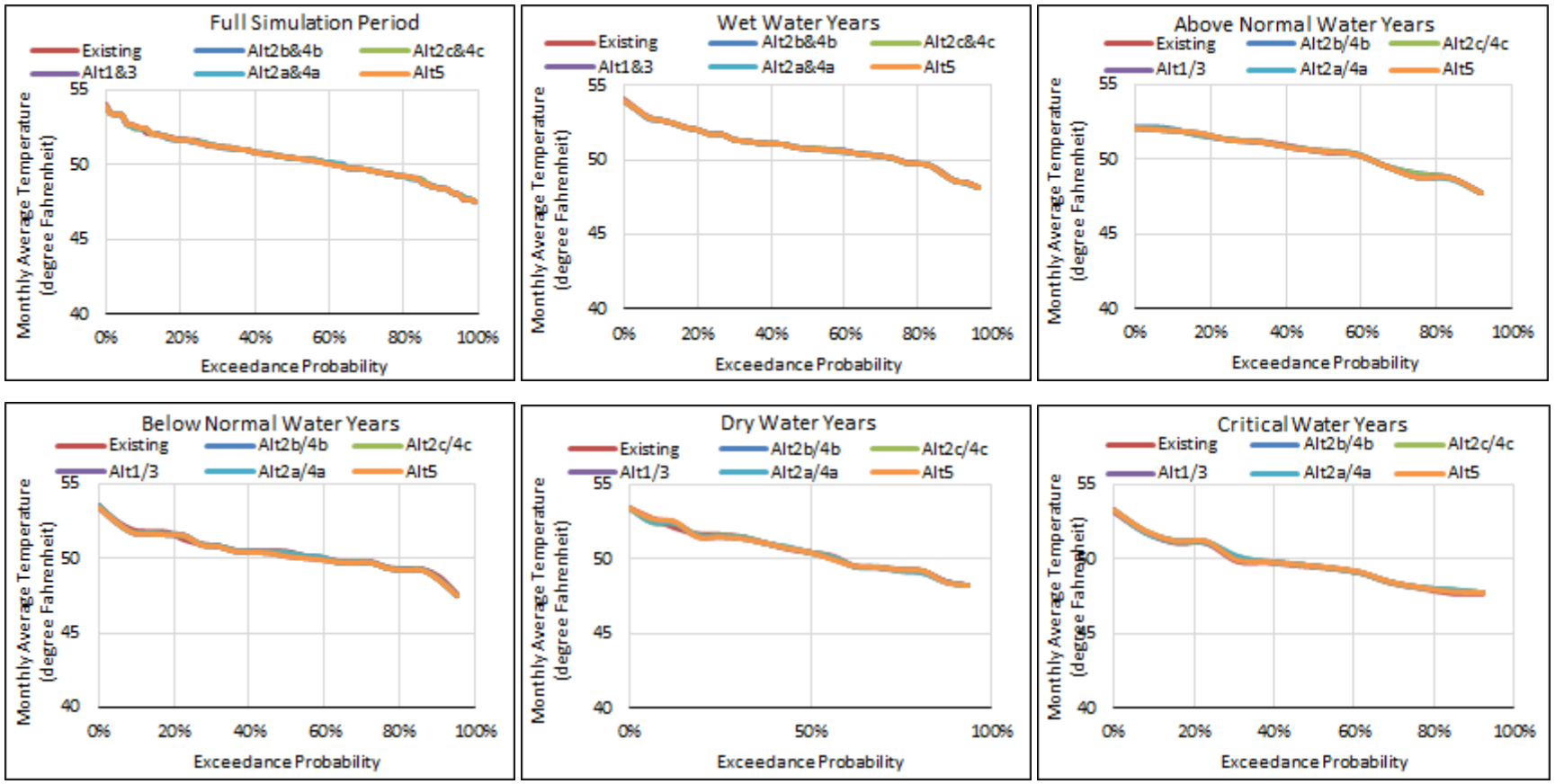


Figure 5A-D1.17.41. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

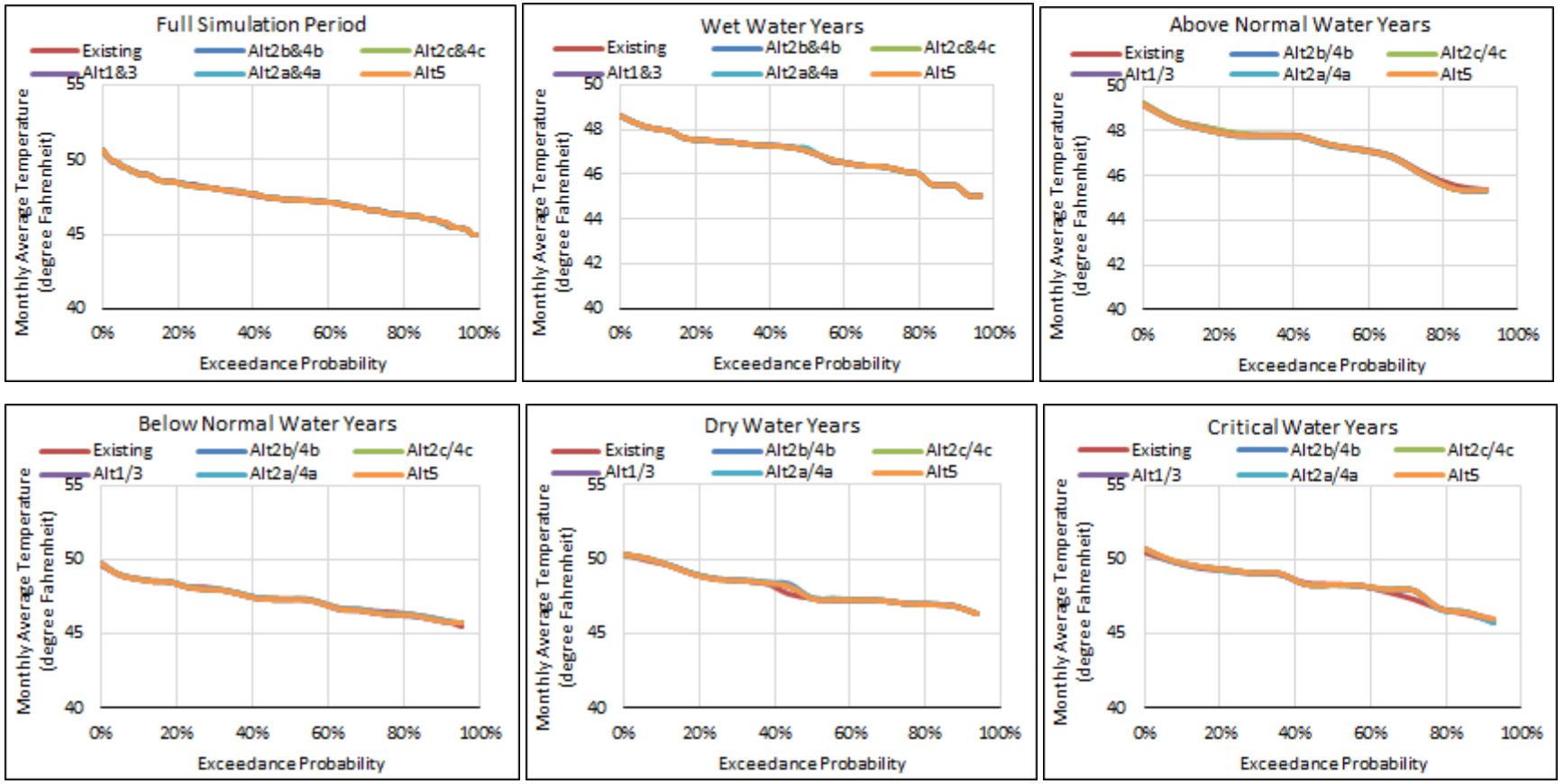


Figure 5A-D1.17.42. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

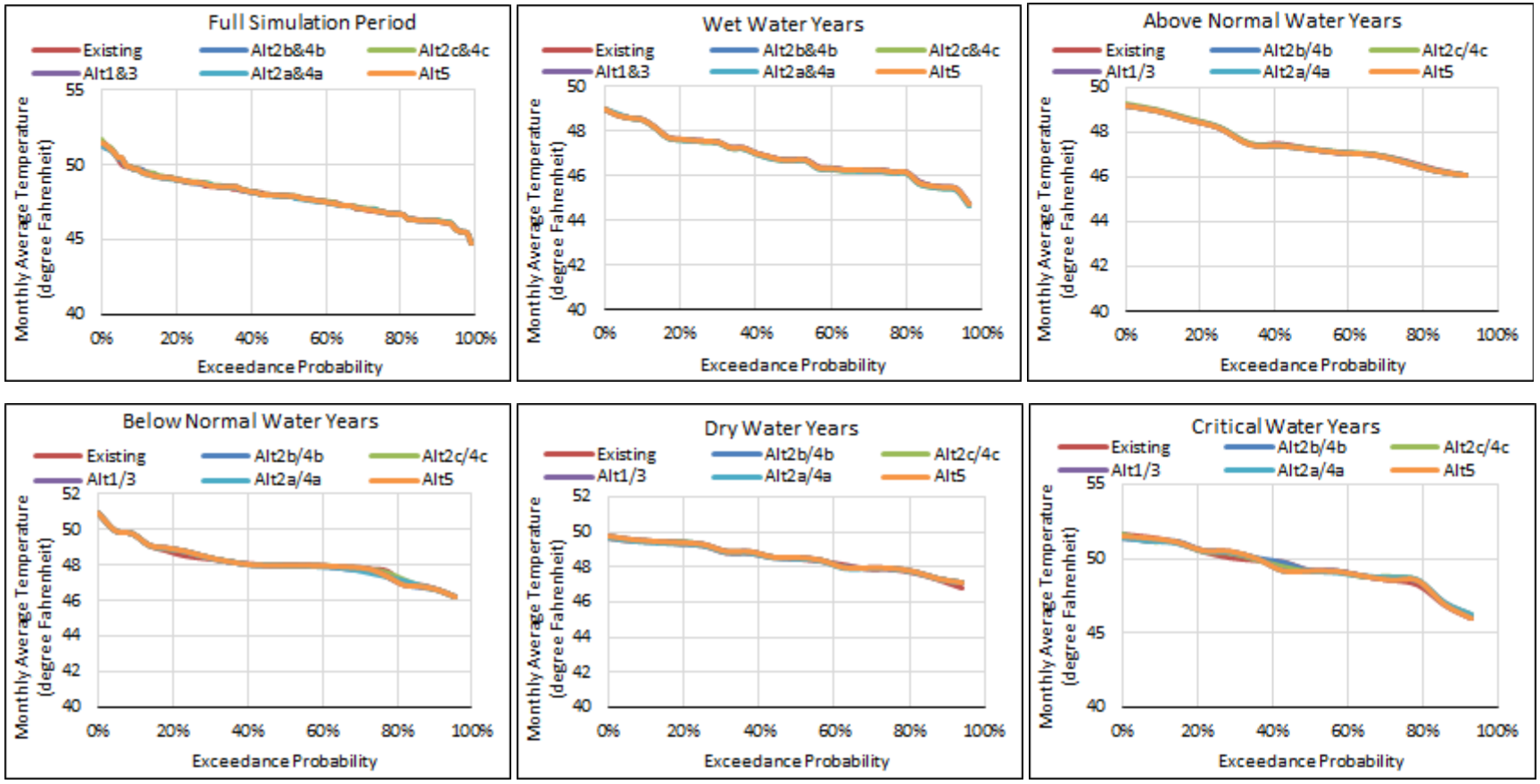


Figure 5A-D1.17.43. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

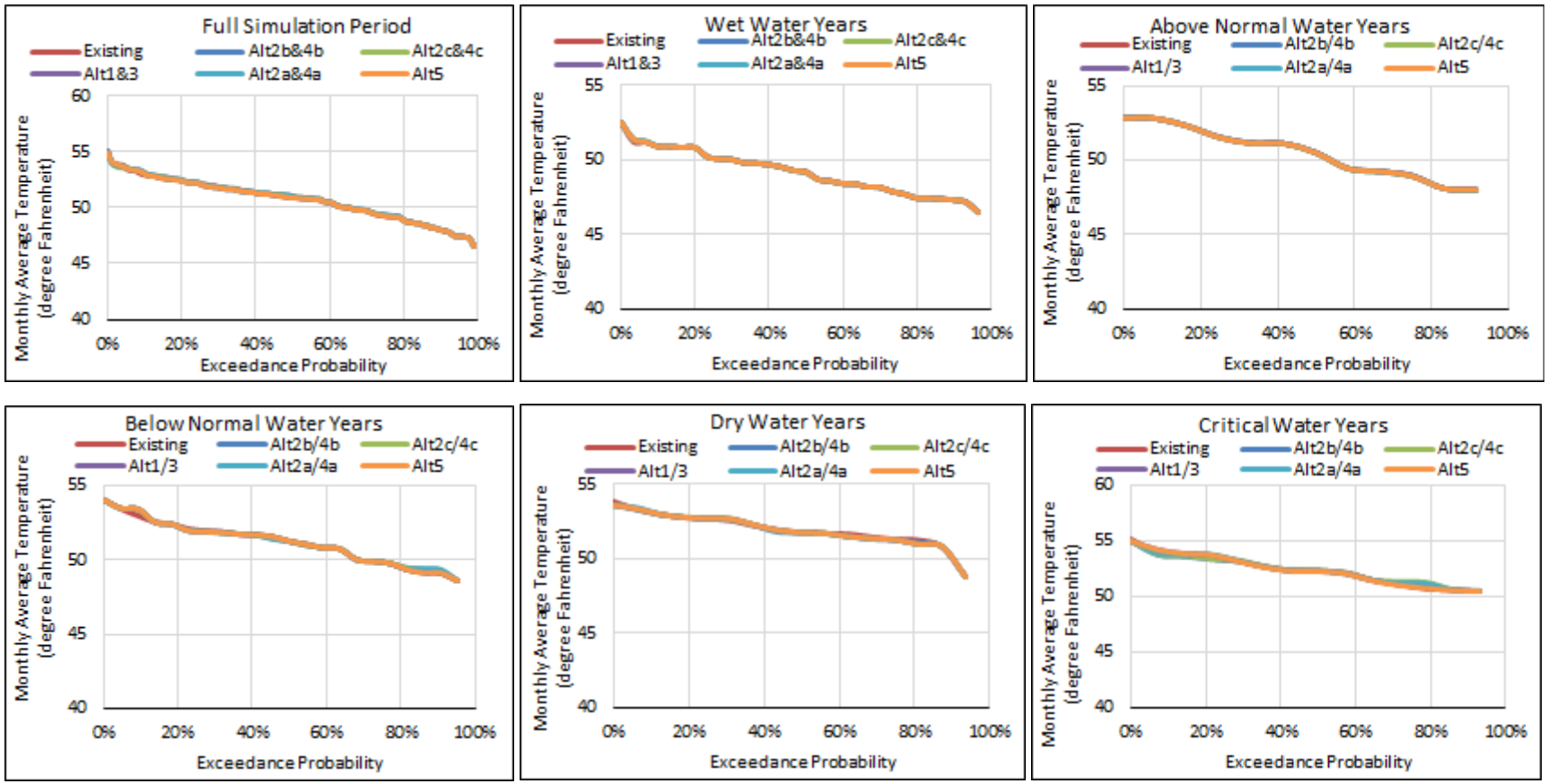


Figure 5A-D1.17.44. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

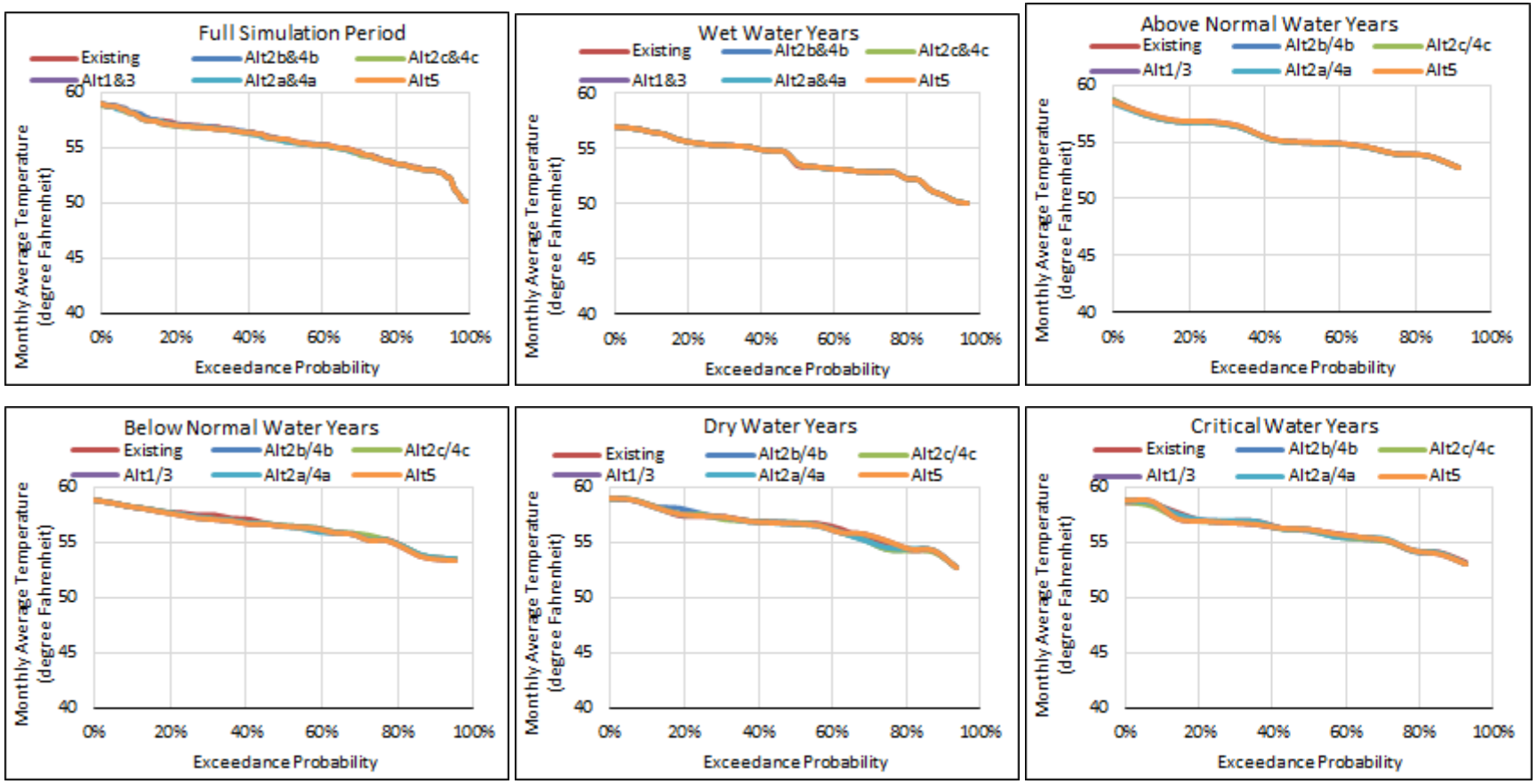


Figure 5A-D1.17.45. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

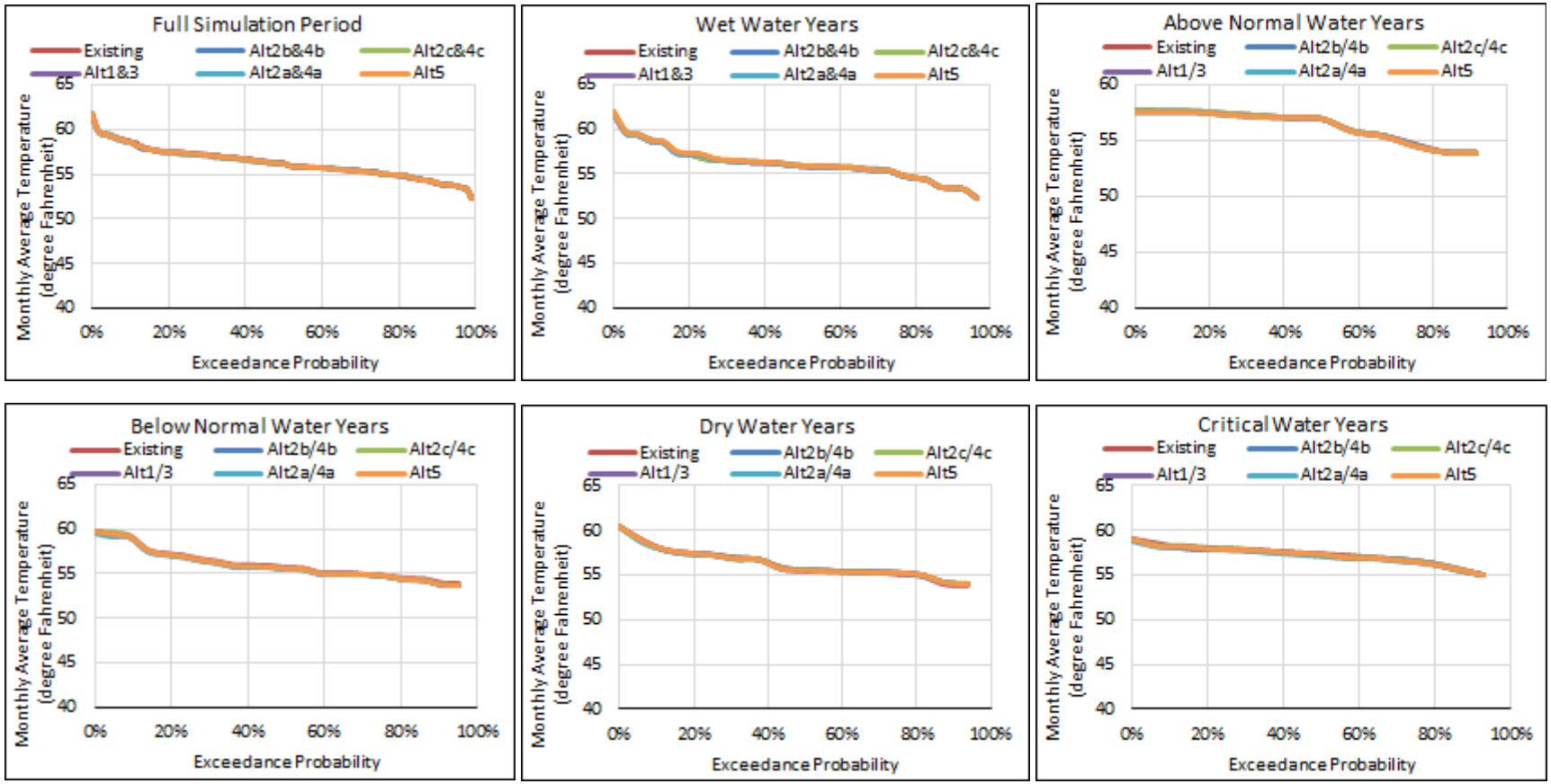


Figure 5A-D1.17.46. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

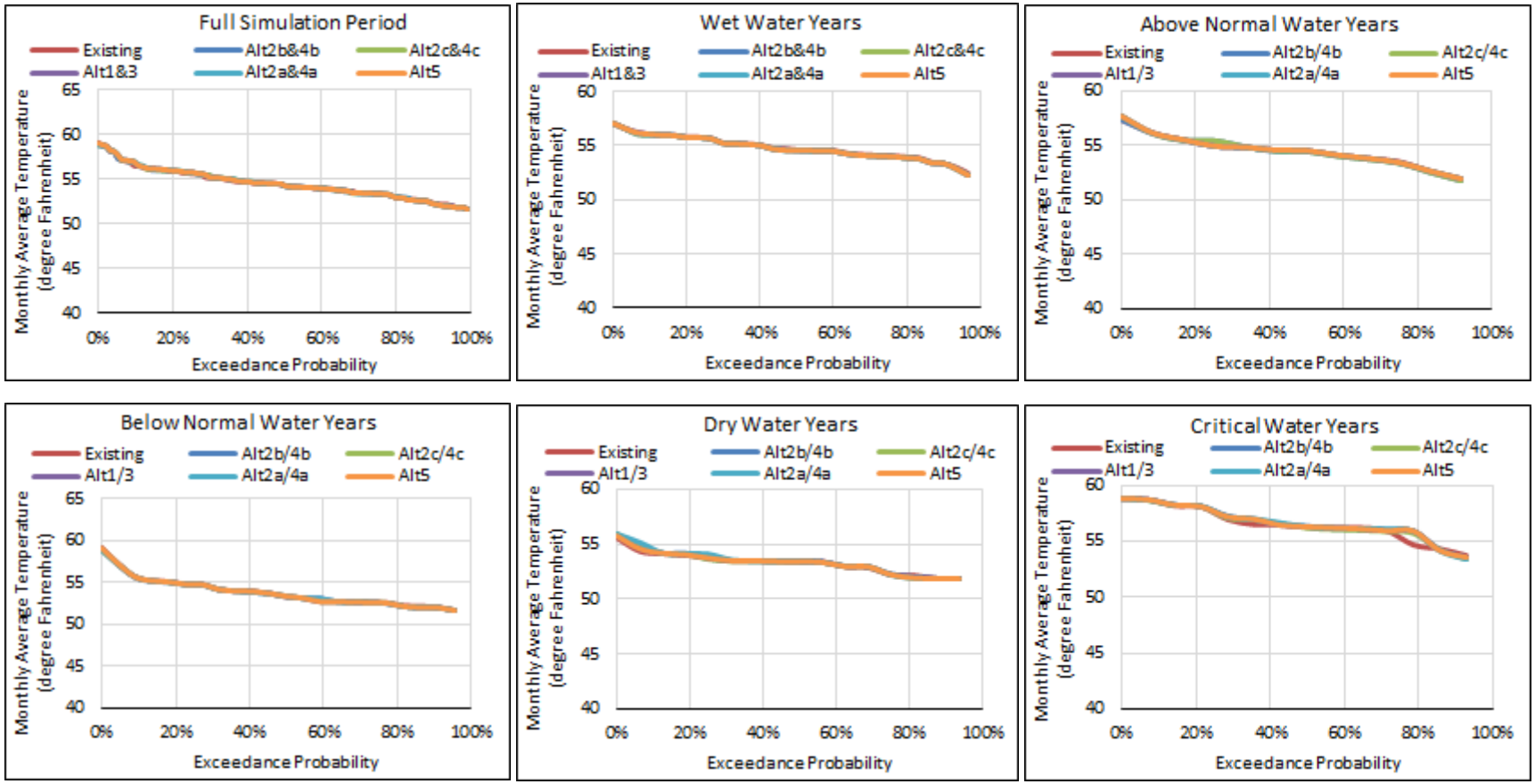


Figure 5A-D1.17.47. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

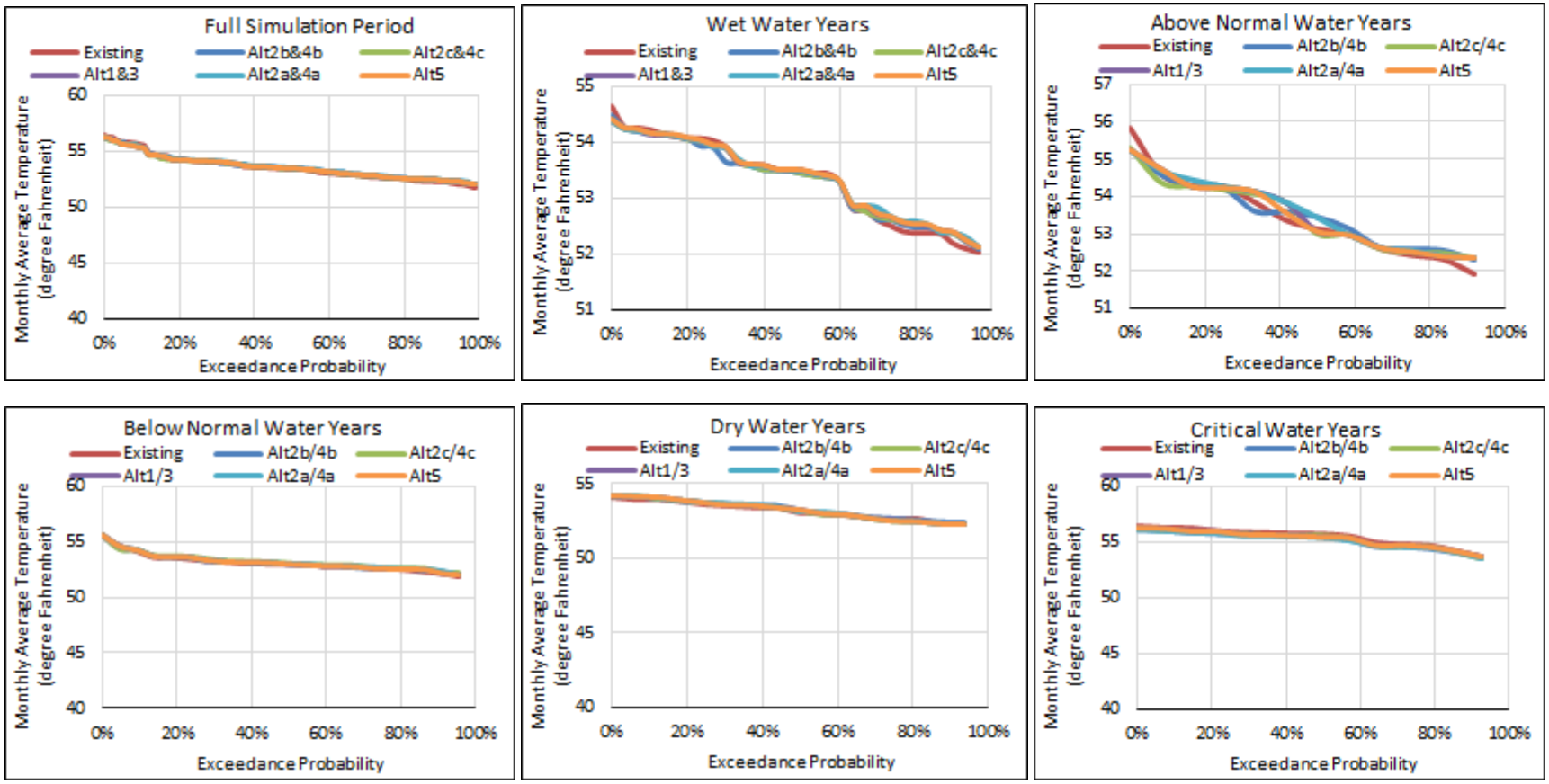


Figure 5A-D1.17.48. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

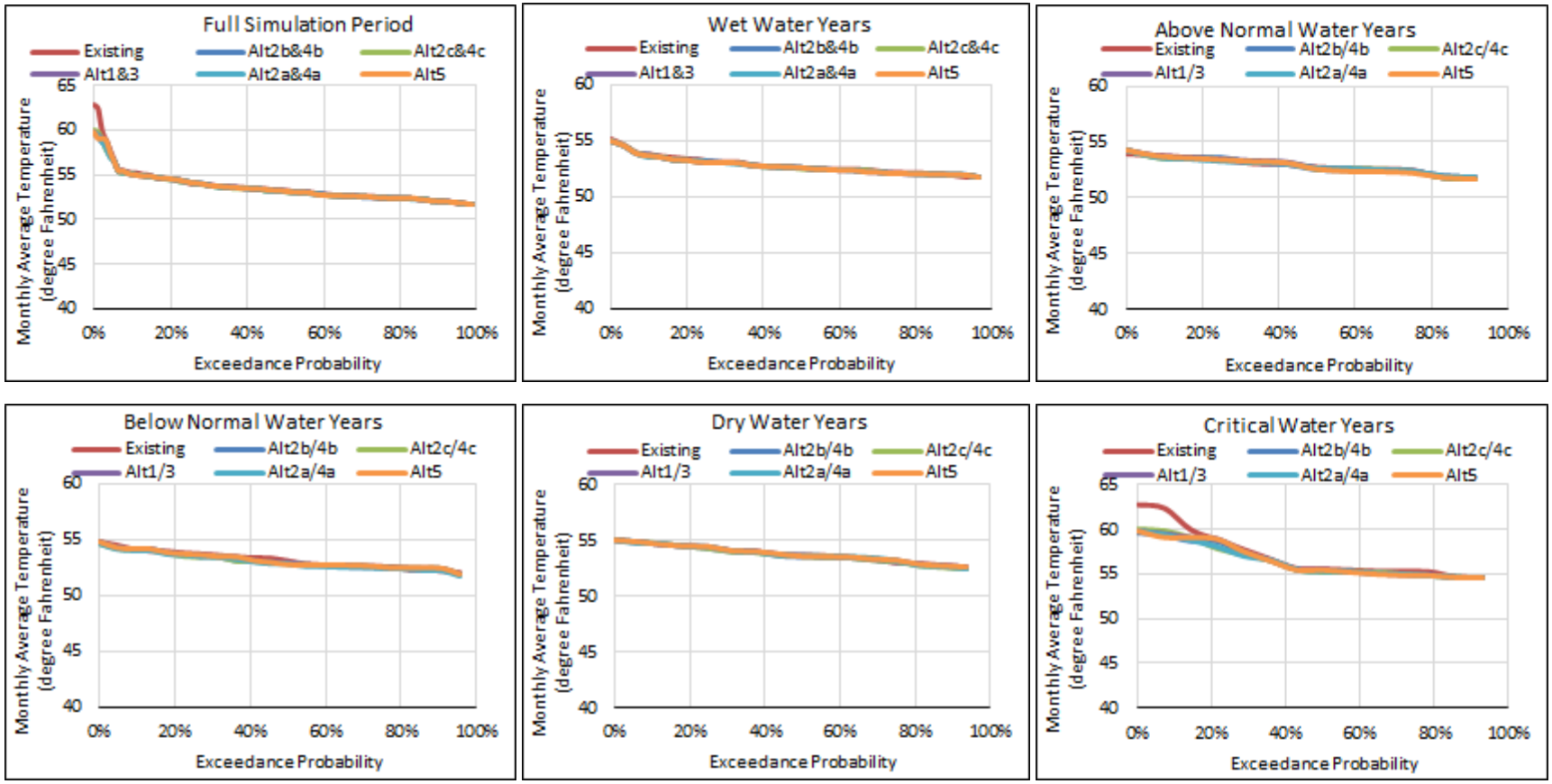
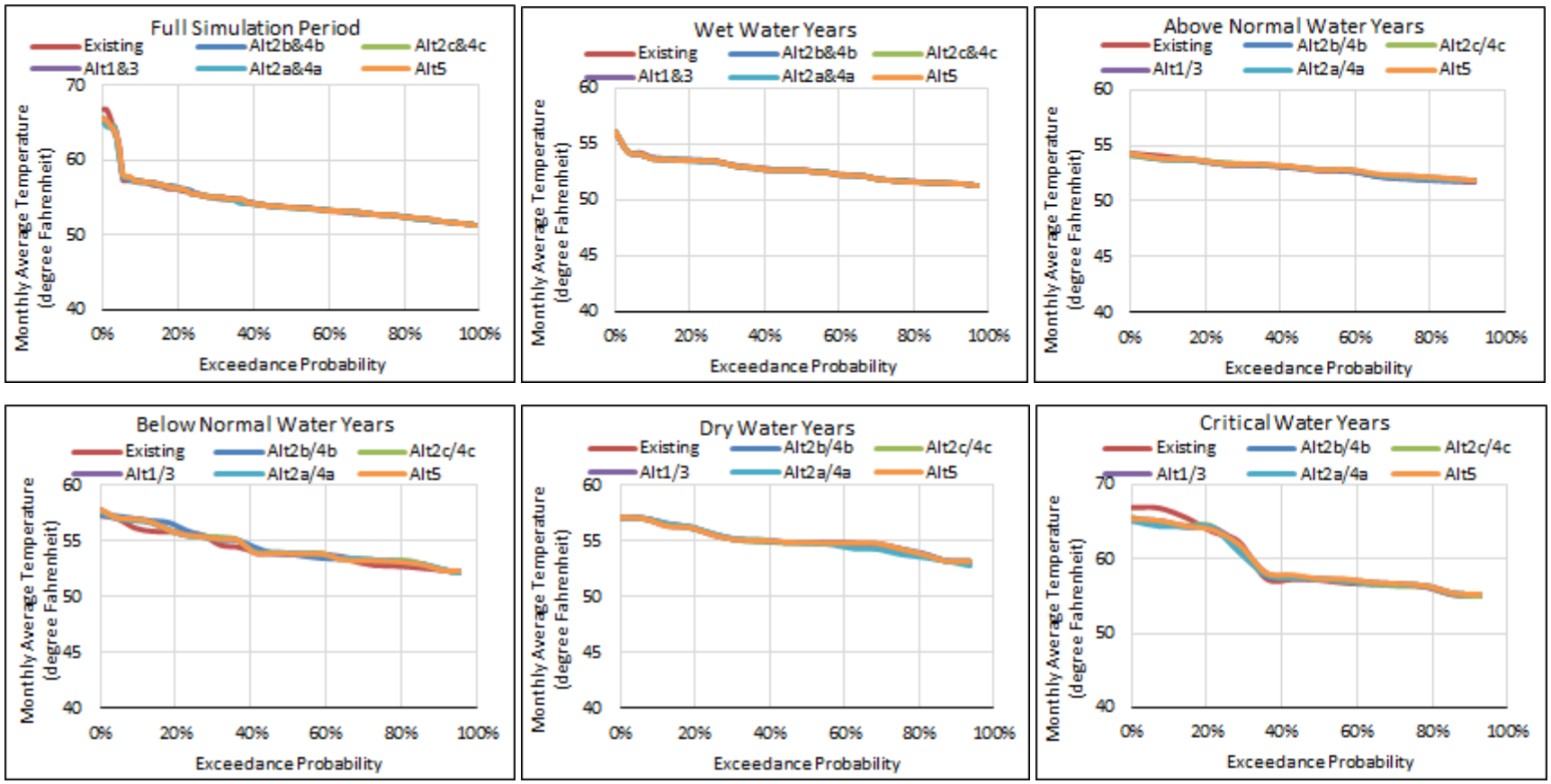


Figure 5A-D1.17.49. Sacramento River at Cottonwood Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.18 Sacramento River at Cow Creek

Table 5A-D1.18.1-A. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.4	55.0	52.8	49.5	49.7	52.8	57.1	57.4	55.5	54.6	54.3	56.3
20%	55.1	54.6	52.2	48.9	49.1	52.0	56.5	56.6	54.4	53.3	53.7	55.2
30%	54.4	54.4	51.9	48.5	48.7	51.6	56.1	56.1	53.7	53.1	53.1	54.1
40%	53.7	54.2	51.5	48.0	48.2	51.0	55.7	55.7	53.5	52.8	52.8	53.5
50%	53.3	54.0	51.3	47.9	47.8	50.6	54.9	55.1	53.1	52.6	52.5	53.0
60%	53.1	53.9	50.9	47.5	47.5	50.1	54.6	54.7	52.8	52.3	52.2	52.5
70%	52.7	53.7	50.4	47.1	47.0	49.4	53.8	54.4	52.6	52.1	51.9	52.2
80%	52.5	53.5	50.1	46.8	46.5	48.6	52.9	54.0	52.1	51.9	51.7	51.8
90%	52.1	53.2	49.3	46.2	46.0	47.8	52.4	53.2	51.5	51.7	51.5	51.3

Table 5A-D1.18.1-B. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.0	54.1	51.1	47.8	47.8	50.4	54.8	55.3	53.4	52.8	52.9	53.8
Wet Water Years	52.9	54.0	51.5	47.2	46.7	48.9	53.5	55.0	53.4	52.5	52.0	52.2
Above Normal Water Years	52.9	53.8	51.2	47.7	47.5	50.3	54.8	55.0	53.1	52.6	52.1	52.3
Below Normal Water Years	53.7	54.0	51.1	47.8	48.1	50.8	55.6	55.0	52.8	52.3	52.5	53.5
Dry Water Years	53.8	53.8	51.2	48.3	48.6	51.5	55.7	55.3	52.4	52.5	53.0	54.2
Critical Water Years	58.0	55.0	50.4	48.4	49.2	51.8	55.3	56.4	55.6	54.5	56.3	58.9

Table 5A-D1.18.1-C. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.2	55.0	52.7	49.5	49.5	52.9	57.1	57.4	55.4	54.3	54.3	56.2
20%	55.0	54.6	52.2	48.9	49.1	52.0	56.3	56.5	54.5	53.3	53.8	55.6
30%	54.2	54.4	51.9	48.5	48.7	51.5	56.1	55.9	53.8	53.1	53.1	54.3
40%	53.6	54.2	51.6	48.0	48.2	51.1	55.6	55.6	53.5	52.8	52.7	53.6
50%	53.3	54.1	51.2	47.8	47.8	50.5	54.9	55.1	53.1	52.6	52.5	53.1
60%	53.0	53.9	51.0	47.5	47.5	50.3	54.4	54.7	52.8	52.4	52.1	52.6
70%	52.7	53.8	50.4	47.1	47.0	49.4	53.7	54.4	52.6	52.2	51.9	52.3
80%	52.4	53.4	50.1	46.8	46.5	48.6	53.0	54.1	52.2	51.9	51.7	51.9
90%	52.1	53.2	49.3	46.2	46.0	47.7	52.3	53.2	51.4	51.8	51.5	51.4

Table 5A-D1.18.1-D. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	53.9	54.1	51.1	47.8	47.8	50.4	54.8	55.2	53.4	52.8	52.8	53.8
Wet Water Years	52.8	54.0	51.5	47.2	46.7	48.9	53.5	55.0	53.4	52.5	52.1	52.1
Above Normal Water Years	52.8	53.8	51.2	47.7	47.5	50.3	54.8	55.0	53.1	52.6	52.1	52.3
Below Normal Water Years	53.7	54.0	51.0	47.8	48.1	50.8	55.6	55.0	52.8	52.4	52.4	53.7
Dry Water Years	53.9	53.8	51.1	48.4	48.6	51.5	55.6	55.3	52.4	52.5	53.0	54.2
Critical Water Years	58.1	55.1	50.5	48.5	49.3	51.8	55.2	56.3	55.8	54.4	55.6	58.5

Table 5A-D1.18.1-E. Sacramento River at Cow Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	-0.1	0.0	-0.1	0.0	0.1	-0.1	-0.1	-0.3	-0.1	-0.1
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0	0.0	0.3
30%	-0.2	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.2
40%	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	0.1	0.0	-0.1	0.1
50%	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%	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	-0.1	0.1	0.0	0.0
70%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
80%	-0.1	0.0	0.0	-0.1	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1

Table 5A-D1.18.1-F. Sacramento River at Cow Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	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 Water Years	0.1	0.1	0.0	0.0	0.1	0.0	-0.2	-0.1	0.2	-0.1	-0.7	-0.4

Table 5A-D1.18.1-G. Sacramento River at Cow Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.4%	0.0%	-0.2%	0.0%	-0.2%	0.1%	0.1%	-0.1%	-0.1%	-0.6%	-0.1%	-0.1%
20%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%	0.1%	0.0%	0.0%	0.6%
30%	-0.3%	0.1%	0.0%	-0.2%	0.0%	-0.2%	0.0%	-0.4%	0.0%	0.1%	0.0%	0.3%
40%	-0.1%	0.0%	0.1%	0.1%	0.1%	0.0%	-0.2%	-0.1%	0.2%	0.0%	-0.3%	0.1%
50%	0.0%	0.0%	-0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.1%
60%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.3%	-0.2%	0.0%	-0.1%	0.2%	0.0%	0.1%
70%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.3%
80%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	0.2%	0.0%	0.2%	0.0%	0.0%	0.1%
90%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.1%	0.0%	0.2%

Table 5A-D1.18.1-H. Sacramento River at Cow Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.4%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	-0.3%	-0.2%	0.3%	-0.3%	-1.2%	-0.6%

Table 5A-D1.18.2-A. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.3	55.0	52.7	49.5	49.5	52.8	57.1	57.3	55.5	54.3	54.3	56.2
20%	55.0	54.6	52.2	48.9	49.1	52.0	56.3	56.5	54.5	53.3	53.8	55.5
30%	54.2	54.4	51.9	48.5	48.7	51.6	56.0	55.9	53.8	53.1	53.1	54.3
40%	53.6	54.2	51.6	48.1	48.3	51.1	55.6	55.6	53.5	52.8	52.7	53.5
50%	53.4	54.1	51.2	47.8	47.8	50.5	54.9	55.1	53.1	52.6	52.4	53.0
60%	53.0	53.9	50.9	47.5	47.5	50.2	54.5	54.7	52.8	52.4	52.2	52.7
70%	52.7	53.8	50.4	47.1	47.0	49.4	53.7	54.3	52.6	52.2	51.9	52.3
80%	52.4	53.5	50.1	46.8	46.5	48.8	53.0	54.1	52.0	51.9	51.8	51.8
90%	52.1	53.3	49.2	46.2	46.0	47.8	52.3	53.2	51.4	51.8	51.5	51.3

Table 5A-D1.18.2-B. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	53.9	54.1	51.1	47.8	47.8	50.4	54.7	55.2	53.4	52.8	52.8	53.8
Wet Water Years	52.8	54.0	51.5	47.2	46.7	48.9	53.5	54.9	53.4	52.5	52.0	52.1
Above Normal Water Years	52.9	53.8	51.2	47.7	47.5	50.3	54.8	55.0	53.2	52.6	52.2	52.2
Below Normal Water Years	53.7	53.9	51.0	47.8	48.1	50.9	55.6	55.0	52.8	52.4	52.4	53.7
Dry Water Years	53.9	53.8	51.1	48.4	48.6	51.5	55.6	55.3	52.4	52.5	53.0	54.2
Critical Water Years	58.0	55.1	50.5	48.5	49.3	51.8	55.2	56.3	55.7	54.4	55.6	58.6

Table 5A-D1.18.2-C. Sacramento River at Cow Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.1	-0.3	-0.1	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.1	0.0	0.0	0.2
30%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	0.0	0.2
40%	0.0	0.0	0.0	0.1	0.1	0.0	-0.1	-0.1	0.1	0.0	-0.2	0.0
50%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	-0.1	0.0
60%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1
70%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.2
80%	-0.1	0.0	0.0	-0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0

Table 5A-D1.18.2-D. Sacramento River at Cow Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.1	0.1	0.1	0.0	-0.2	-0.1	0.1	-0.1	-0.7	-0.3

Table 5A-D1.18.2-E. Sacramento River at Cow Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2%	0.0%	-0.2%	0.0%	-0.3%	0.0%	0.0%	-0.2%	0.1%	-0.5%	-0.1%	-0.1%
20%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.2%	-0.1%	0.0%	0.4%
30%	-0.3%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.3%	0.0%	0.1%	0.0%	0.3%
40%	-0.1%	0.1%	0.1%	0.2%	0.2%	0.0%	-0.2%	-0.2%	0.2%	0.0%	-0.3%	-0.1%
50%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%
60%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	-0.1%	0.0%	-0.1%	0.2%	0.0%	0.3%
70%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.2%	0.0%	0.3%
80%	-0.2%	0.0%	0.0%	-0.1%	0.2%	0.4%	0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%
90%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.2%	-0.1%	0.0%

Table 5A-D1.18.2-F. Sacramento River at Cow Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.3%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.1%	0.1%	0.1%	0.2%	0.0%	-0.3%	-0.2%	0.2%	-0.2%	-1.2%	-0.5%

Table 5A-D1.18.3-A. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.3	55.0	52.8	49.5	49.5	52.9	57.1	57.3	55.5	54.3	54.3	56.3
20%	55.0	54.6	52.2	48.9	49.0	52.0	56.3	56.6	54.5	53.4	53.8	55.4
30%	54.2	54.4	51.9	48.5	48.7	51.6	56.0	56.0	53.7	53.1	53.2	54.3
40%	53.6	54.2	51.6	48.0	48.2	51.1	55.6	55.7	53.5	52.9	52.8	53.6
50%	53.4	54.1	51.1	47.8	47.8	50.6	54.9	55.1	53.1	52.6	52.4	53.1
60%	53.0	53.9	50.9	47.5	47.5	50.1	54.6	54.7	52.8	52.4	52.2	52.6
70%	52.8	53.8	50.4	47.1	47.0	49.4	53.8	54.4	52.6	52.2	51.9	52.3
80%	52.4	53.4	50.1	46.7	46.5	48.6	53.0	54.1	52.1	51.9	51.7	51.8
90%	52.1	53.2	49.2	46.2	46.0	47.7	52.3	53.2	51.4	51.8	51.5	51.3

Table 5A-D1.18.3-B. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.0	54.1	51.1	47.8	47.8	50.4	54.8	55.2	53.4	52.8	52.8	53.8
Wet Water Years	52.8	54.0	51.5	47.2	46.7	48.9	53.5	55.0	53.4	52.5	52.0	52.1
Above Normal Water Years	52.9	53.9	51.2	47.7	47.5	50.3	54.8	55.0	53.1	52.7	52.2	52.2
Below Normal Water Years	53.7	54.0	51.0	47.8	48.1	50.8	55.6	55.0	52.8	52.4	52.4	53.7
Dry Water Years	53.9	53.8	51.1	48.4	48.6	51.5	55.7	55.3	52.4	52.5	53.0	54.2
Critical Water Years	58.1	55.1	50.5	48.5	49.2	51.9	55.3	56.4	55.7	54.4	55.7	58.7

Table 5A-D1.18.3-C. Sacramento River at Cow Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.1	-0.3	-0.1	0.0
20%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0	0.1	0.0	0.0	0.1
30%	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	0.2
40%	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	0.0	0.0	0.1	-0.1	0.1
50%	0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	-0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1
70%	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
80%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.18.3-D. Sacramento River at Cow Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.1	0.0	0.1	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.18.3-E. Sacramento River at Cow Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	-0.2%	0.1%	-0.6%	-0.1%	0.1%
20%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.4%	0.0%	0.1%	0.0%	0.0%	0.2%
30%	-0.3%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.3%	0.0%	0.0%	0.1%	0.4%
40%	-0.1%	0.0%	0.1%	0.1%	0.1%	0.0%	-0.2%	0.0%	0.0%	0.1%	-0.1%	0.2%
50%	0.1%	0.0%	-0.3%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%
60%	-0.1%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.2%	0.0%	0.2%
70%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.2%	0.0%	0.3%
80%	-0.1%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%
90%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.1%	0.0%	0.0%

Table 5A-D1.18.3-F. Sacramento River at Cow Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	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	-0.1%	0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.1%	0.3%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%
Critical Water Years	0.2%	0.1%	0.1%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-1.0%	-0.3%

Table 5A-D1.18.4-A. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.3	55.0	52.7	49.5	49.5	52.9	57.1	57.3	55.6	54.2	54.3	56.2
20%	55.0	54.6	52.2	48.9	49.0	52.0	56.4	56.5	54.5	53.4	53.8	55.4
30%	54.2	54.4	51.9	48.5	48.7	51.6	56.0	56.0	53.8	53.2	53.2	54.3
40%	53.6	54.2	51.6	48.1	48.3	51.1	55.6	55.7	53.5	52.9	52.8	53.4
50%	53.4	54.1	51.2	47.8	47.8	50.6	54.9	55.1	53.1	52.6	52.4	53.0
60%	53.0	53.9	51.0	47.6	47.4	50.2	54.5	54.7	52.8	52.5	52.2	52.6
70%	52.7	53.7	50.4	47.1	47.0	49.4	53.8	54.3	52.6	52.2	51.9	52.3
80%	52.4	53.5	50.1	46.8	46.5	48.8	53.0	54.1	52.2	51.9	51.7	51.8
90%	52.1	53.2	49.3	46.2	46.0	47.8	52.3	53.2	51.4	51.8	51.5	51.3

Table 5A-D1.18.4-B. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	53.9	54.1	51.1	47.8	47.8	50.4	54.8	55.2	53.4	52.8	52.8	53.8
Wet Water Years	52.8	54.0	51.5	47.2	46.7	48.9	53.5	55.0	53.4	52.5	52.0	52.1
Above Normal Water Years	52.9	53.9	51.2	47.7	47.5	50.3	54.8	55.0	53.1	52.7	52.1	52.2
Below Normal Water Years	53.6	54.0	51.0	47.8	48.1	50.9	55.5	55.0	52.8	52.5	52.4	53.6
Dry Water Years	53.9	53.8	51.1	48.4	48.6	51.5	55.6	55.3	52.5	52.5	53.0	54.1
Critical Water Years	58.0	55.1	50.5	48.5	49.2	51.9	55.3	56.3	55.8	54.4	55.5	58.5

Table 5A-D1.18.4-C. Sacramento River at Cow Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.1	-0.4	-0.1	0.0
20%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.1	0.1	0.0	0.2
30%	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0	0.1	0.1	0.2
40%	0.0	0.1	0.1	0.1	0.1	0.0	-0.1	0.0	0.1	0.0	-0.1	-0.1
50%	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.1	0.0	0.0	0.0
60%	-0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.1
80%	-0.1	0.0	0.0	-0.1	0.1	0.2	0.1	0.0	0.1	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Table 5A-D1.18.4-D. Sacramento River at Cow Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	-0.1
Critical Water Years	0.0	0.1	0.1	0.1	0.1	0.1	-0.1	-0.1	0.2	-0.2	-0.7	-0.4

Table 5A-D1.18.4-E. Sacramento River at Cow Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3%	0.0%	-0.2%	-0.1%	-0.3%	0.1%	0.0%	-0.3%	0.2%	-0.7%	-0.1%	-0.1%
20%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.3%
30%	-0.3%	0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.3%	0.0%	0.1%	0.2%	0.4%
40%	0.0%	0.1%	0.2%	0.1%	0.2%	0.1%	-0.2%	0.0%	0.1%	0.1%	-0.1%	-0.1%
50%	0.1%	0.1%	-0.2%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	0.1%	0.1%	-0.1%	0.0%
60%	-0.1%	0.1%	0.0%	0.1%	-0.1%	0.2%	-0.1%	0.0%	0.0%	0.2%	0.0%	0.1%
70%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.2%	0.0%	0.2%
80%	-0.2%	0.0%	0.0%	-0.1%	0.2%	0.4%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.1%	0.0%	0.0%

Table 5A-D1.18.4-F. Sacramento River at Cow Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.2%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.3%
Dry Water Years	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	-0.1%	0.1%	0.1%	0.1%	-0.2%
Critical Water Years	0.1%	0.2%	0.1%	0.1%	0.1%	0.1%	-0.1%	-0.2%	0.3%	-0.3%	-1.3%	-0.6%

Table 5A-D1.18.5-A. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.3	55.0	52.8	49.5	49.5	52.9	57.1	57.3	55.5	54.3	54.3	56.3
20%	55.0	54.6	52.2	48.9	49.0	52.0	56.3	56.6	54.5	53.4	53.7	55.4
30%	54.2	54.4	51.9	48.5	48.7	51.6	56.0	56.0	53.7	53.1	53.1	54.3
40%	53.6	54.2	51.6	48.0	48.2	51.1	55.6	55.7	53.5	52.8	52.8	53.6
50%	53.4	54.1	51.1	47.8	47.8	50.6	54.9	55.1	53.1	52.6	52.4	53.1
60%	53.0	53.9	50.9	47.5	47.5	50.2	54.6	54.7	52.8	52.4	52.1	52.6
70%	52.7	53.8	50.4	47.1	47.0	49.4	53.8	54.3	52.6	52.2	51.9	52.3
80%	52.4	53.4	50.1	46.7	46.4	48.6	53.0	54.1	52.1	51.9	51.7	51.8
90%	52.1	53.2	49.2	46.2	46.0	47.7	52.3	53.2	51.4	51.8	51.5	51.4

Table 5A-D1.18.5-B. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.0	54.1	51.1	47.8	47.8	50.4	54.8	55.2	53.4	52.8	52.8	53.8
Wet Water Years	52.8	54.0	51.5	47.2	46.7	48.9	53.5	55.0	53.4	52.5	52.0	52.1
Above Normal Water Years	52.9	53.9	51.2	47.7	47.5	50.3	54.8	55.0	53.1	52.6	52.2	52.3
Below Normal Water Years	53.7	54.0	51.0	47.8	48.1	50.8	55.6	55.0	52.8	52.4	52.4	53.6
Dry Water Years	53.9	53.8	51.1	48.4	48.6	51.5	55.7	55.3	52.4	52.5	53.0	54.2
Critical Water Years	58.1	55.1	50.5	48.5	49.2	51.9	55.3	56.4	55.7	54.4	55.7	58.7

Table 5A-D1.18.5-C. Sacramento River at Cow Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.1	-0.3	-0.1	0.1
20%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0	0.1	0.0	0.0	0.1
30%	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	0.2
40%	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	0.1
50%	0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	-0.1	0.1
70%	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.2
80%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

Table 5A-D1.18.5-D. Sacramento River at Cow Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.1	0.0	0.1	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.18.5-E. Sacramento River at Cow Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	-0.2%	0.1%	-0.6%	-0.1%	0.1%
20%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.4%	0.0%	0.1%	0.0%	0.0%	0.2%
30%	-0.3%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.3%	0.0%	0.1%	0.0%	0.4%
40%	-0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.2%
50%	0.1%	0.1%	-0.3%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%
60%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.2%	-0.2%	0.1%
70%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.2%	0.0%	0.3%
80%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%
90%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.1%	-0.1%	0.2%

Table 5A-D1.18.5-F. Sacramento River at Cow Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	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	0.0%	0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.3%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%
Critical Water Years	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-1.1%	-0.3%

Figure 5A-D1.18.1. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

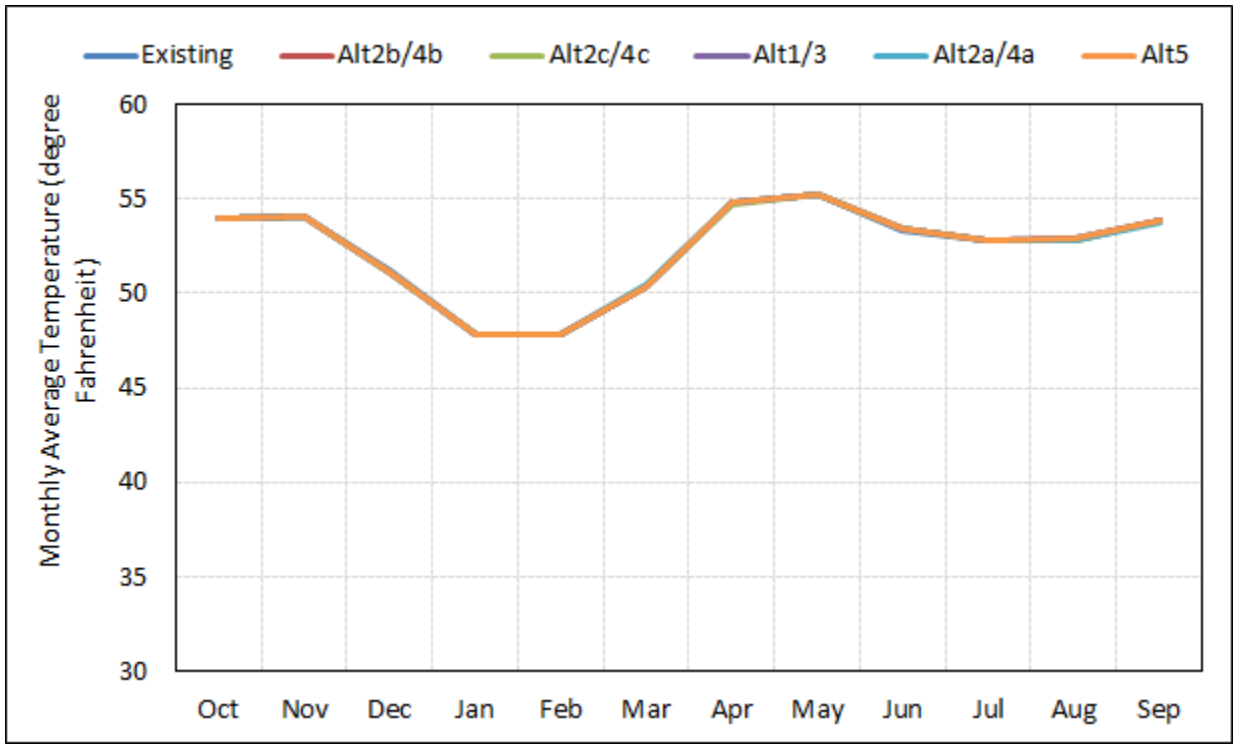


Figure 5A-D1.18.2. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

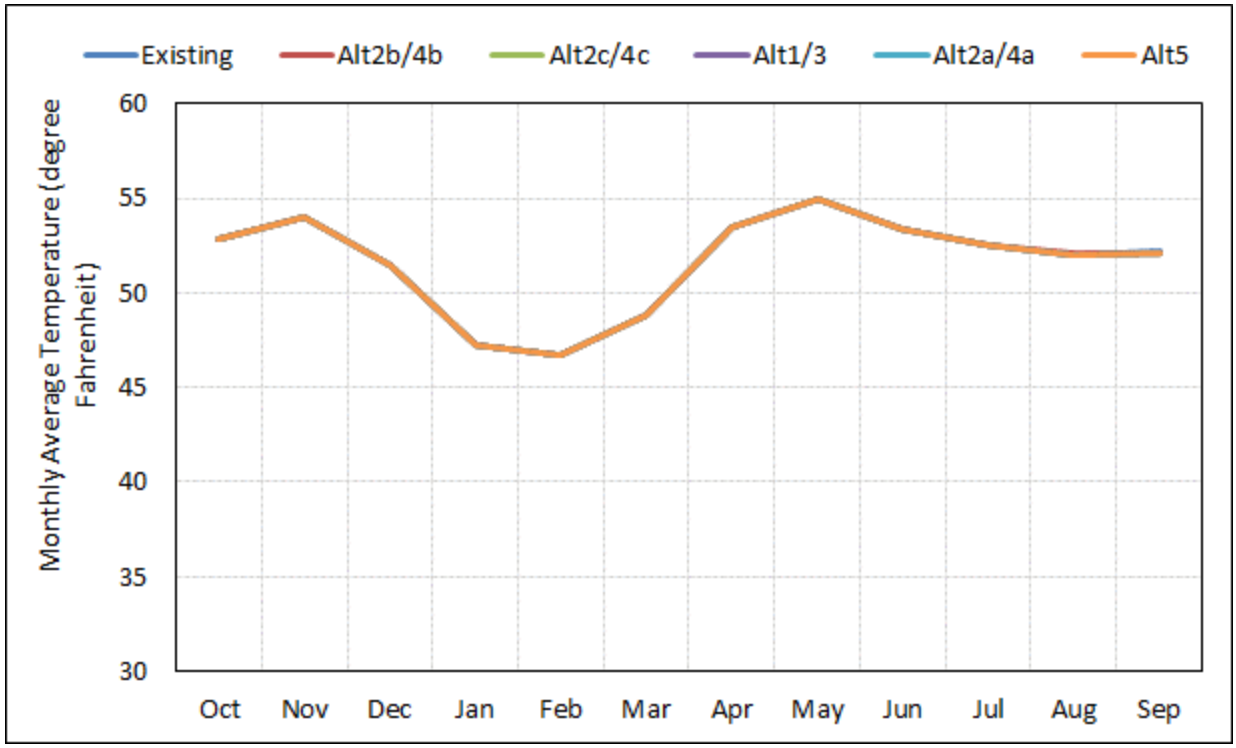


Figure 5A-D1.18.3. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

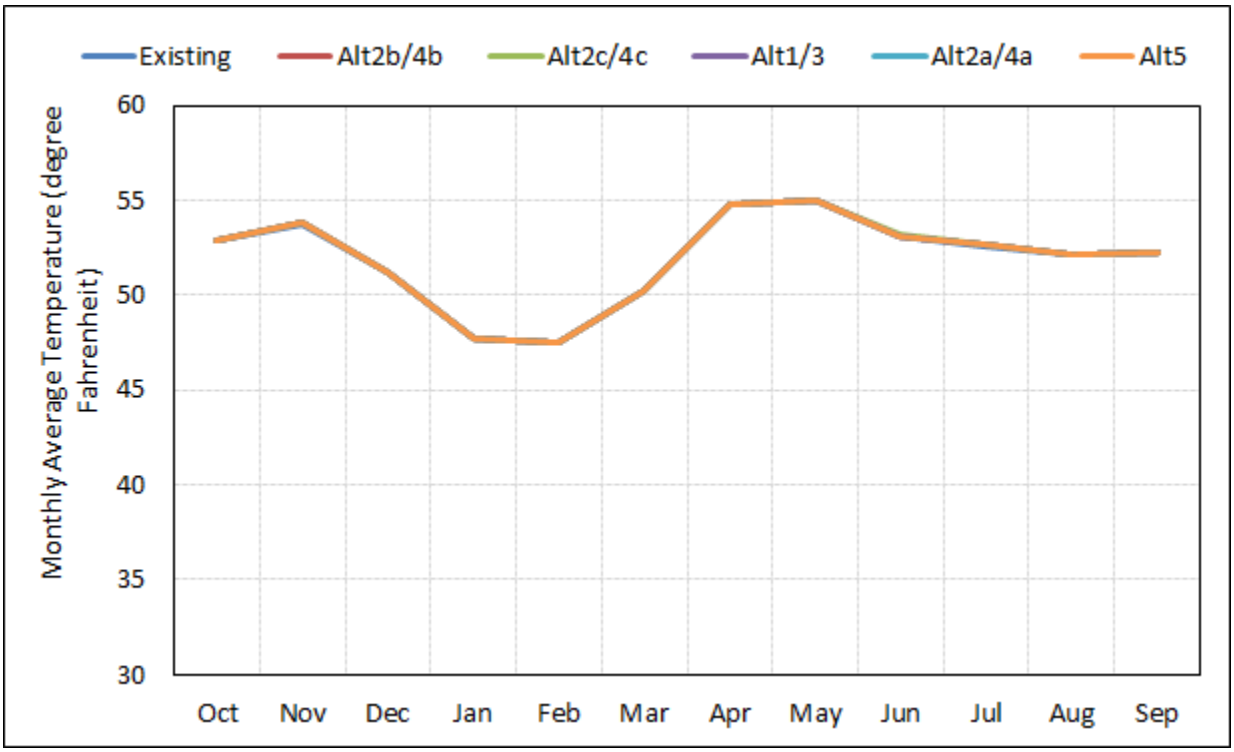


Figure 5A-D1.18.4. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

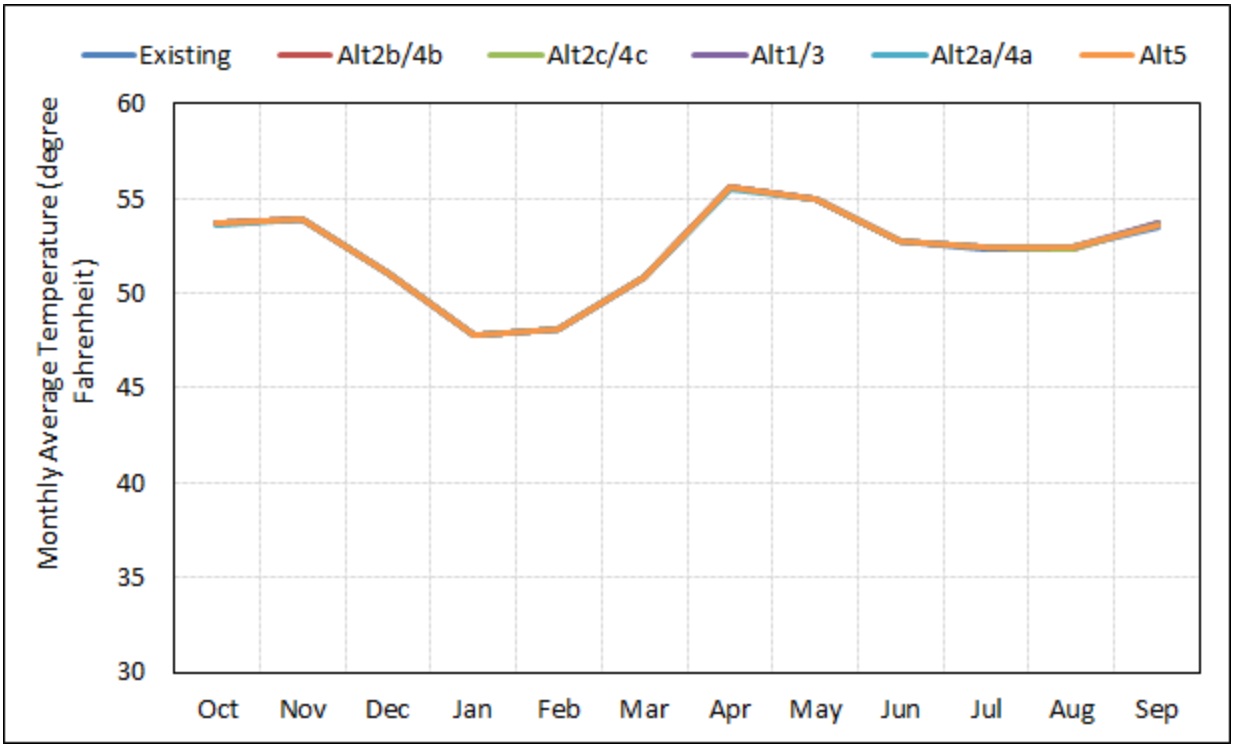


Figure 5A-D1.18.5. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

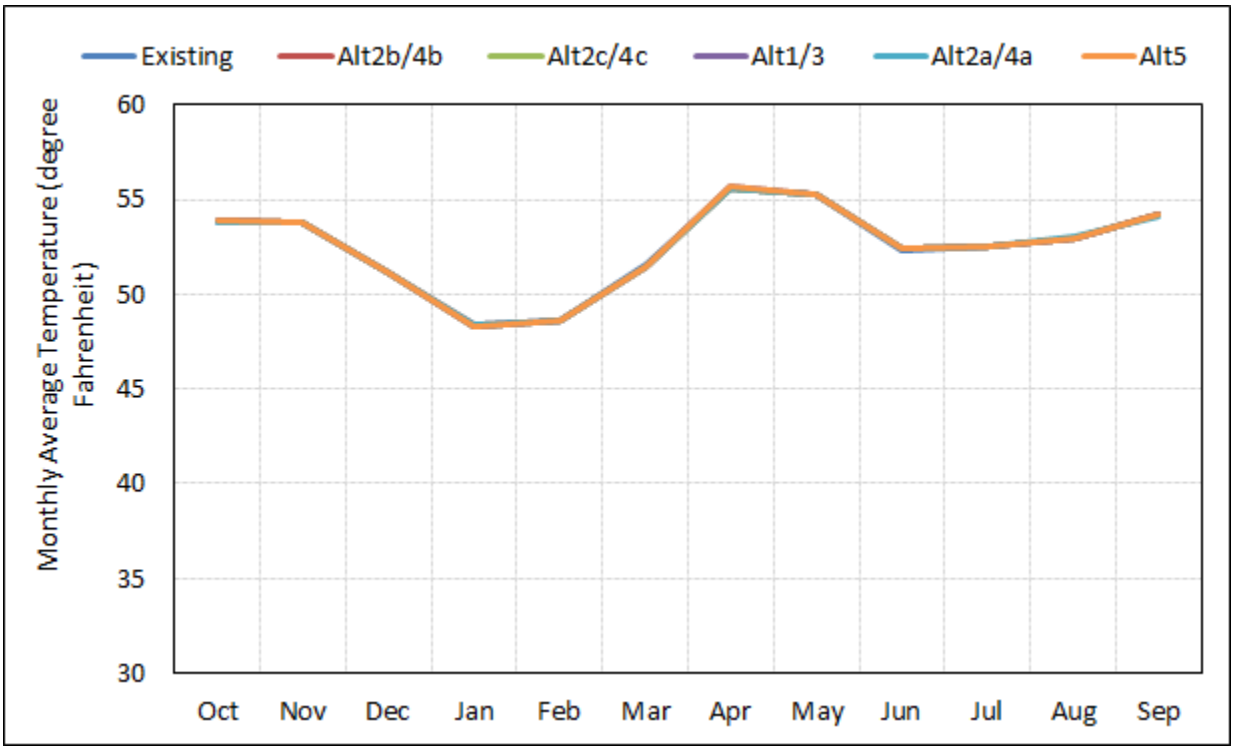


Figure 5A-D1.18.6. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

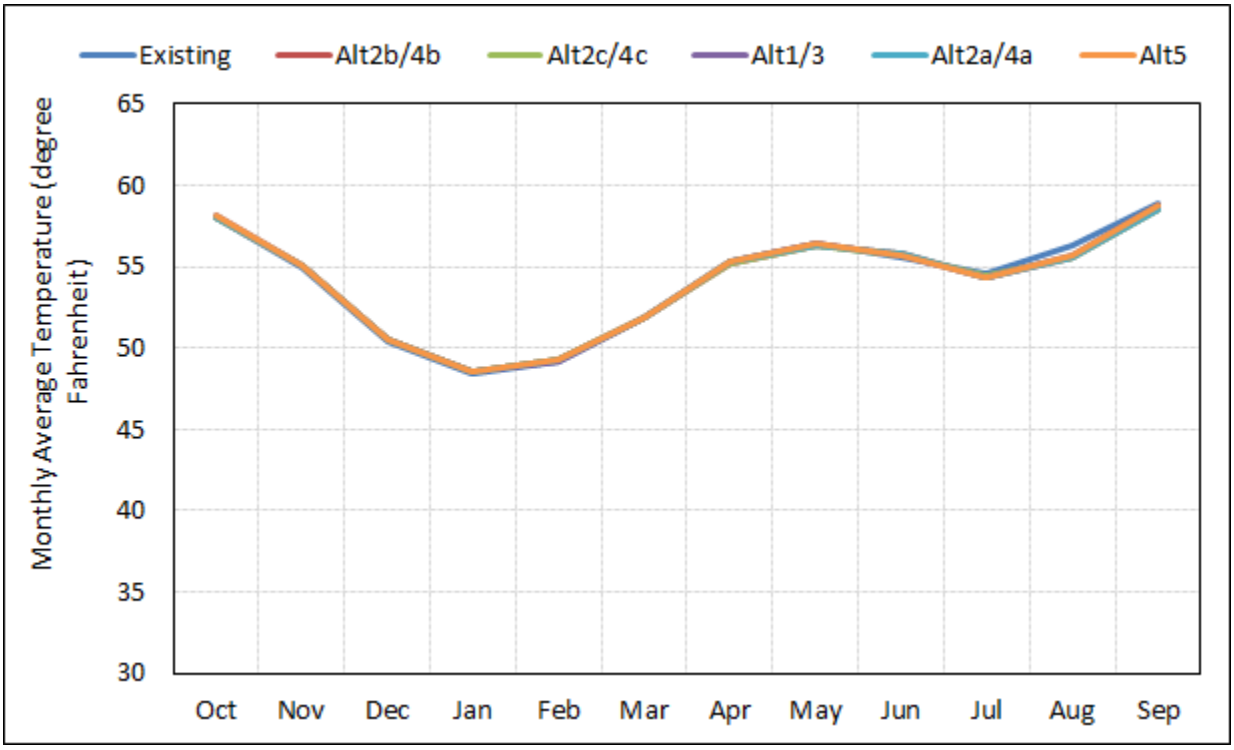


Figure 5A-D1.18.7. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

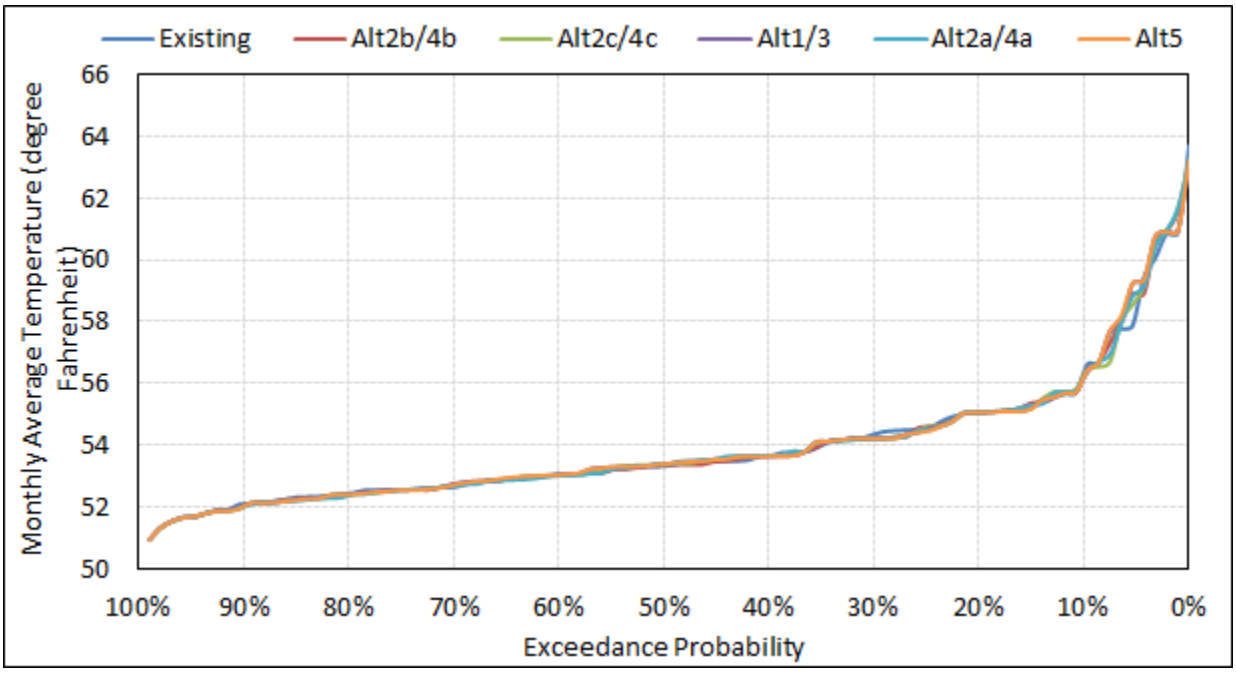


Figure 5A-D1.18.8. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

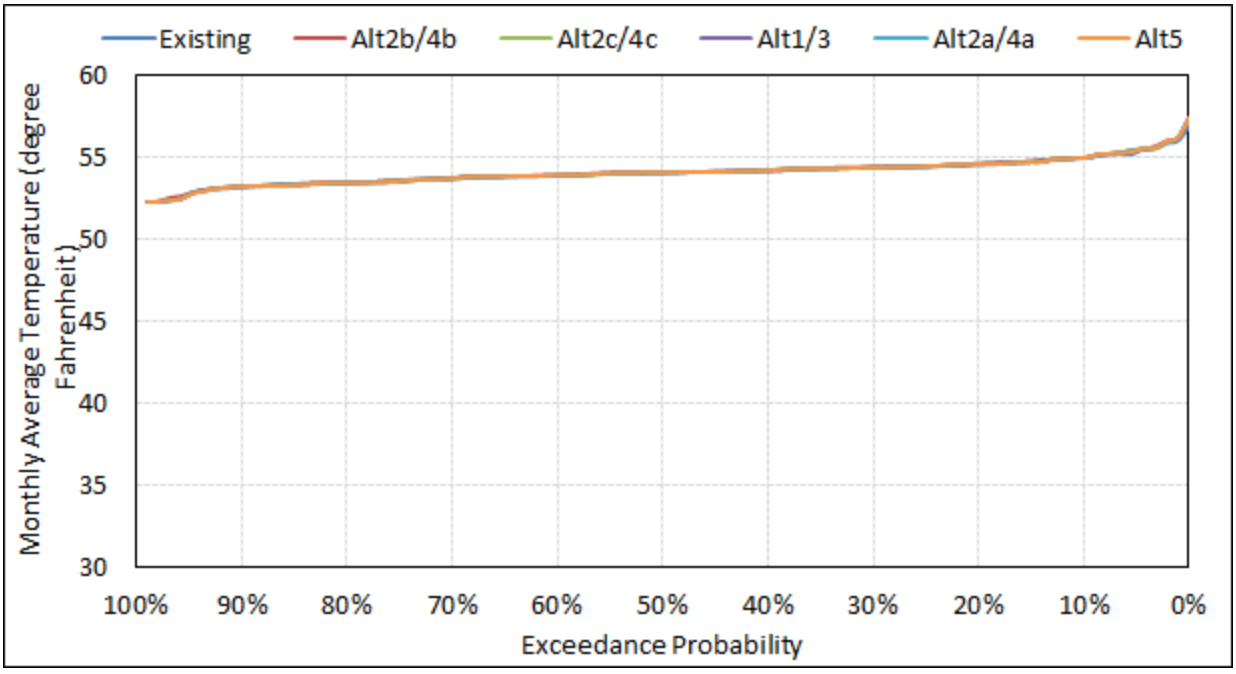


Figure 5A-D1.18.9. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

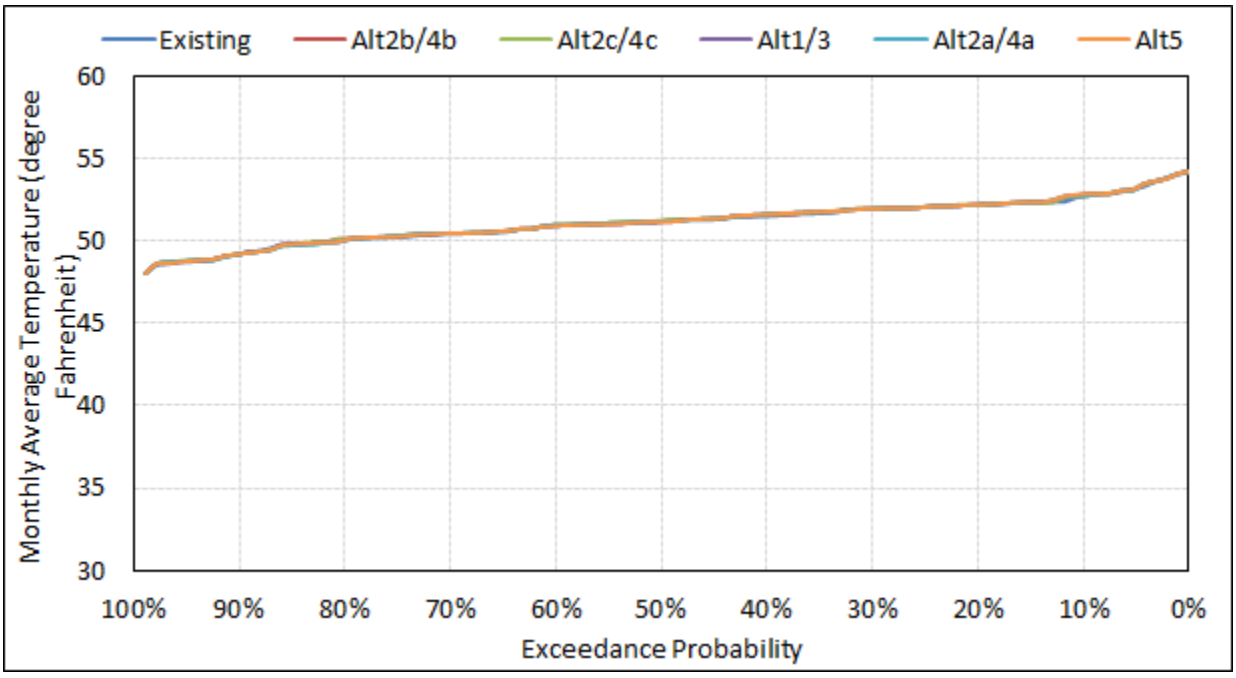


Figure 5A-D1.18.10. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

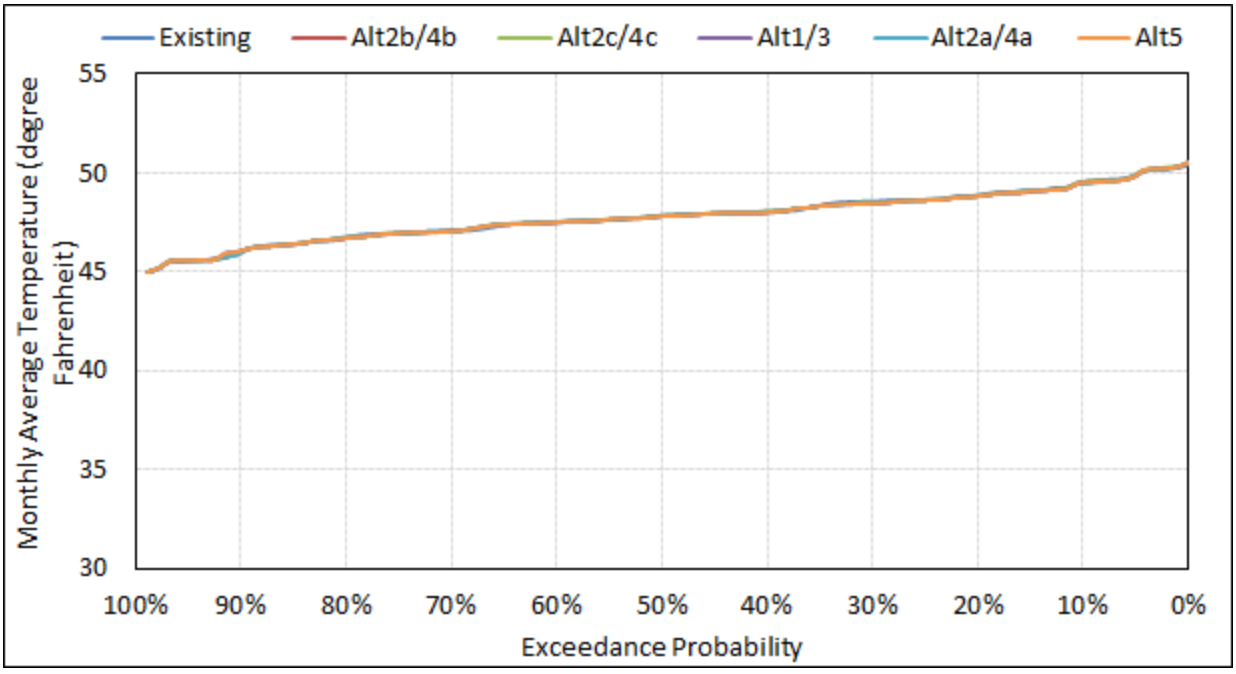


Figure 5A-D1.18.11. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

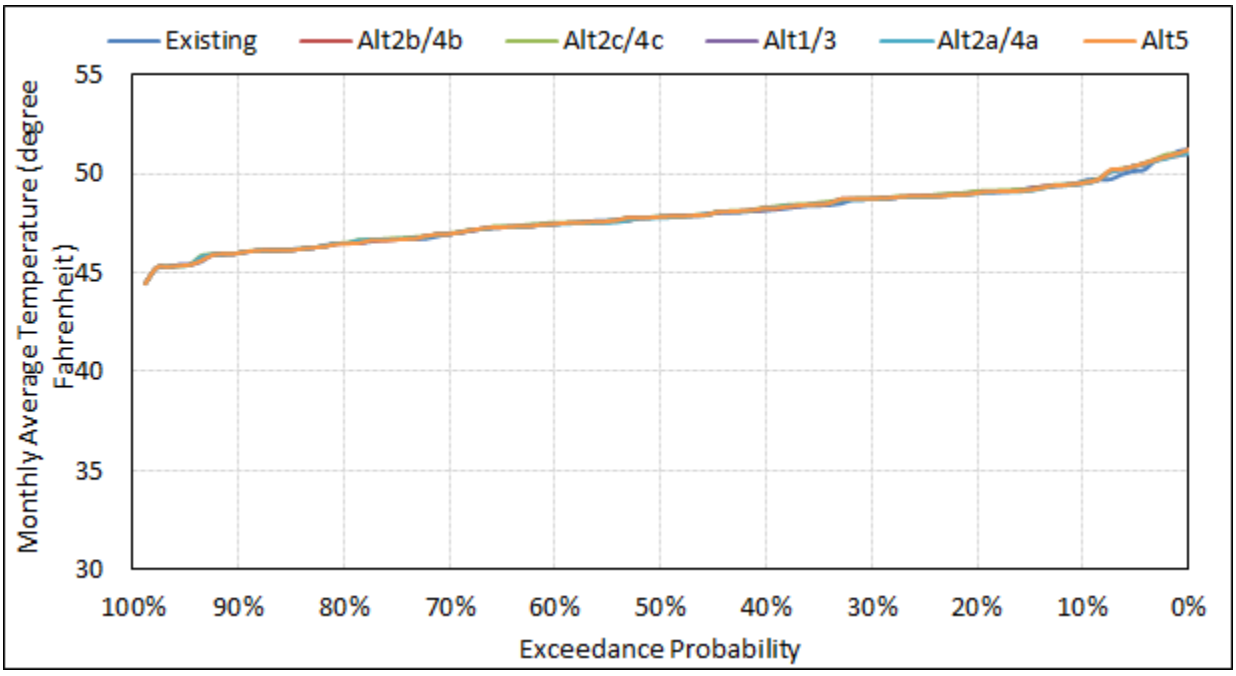


Figure 5A-D1.18.12. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

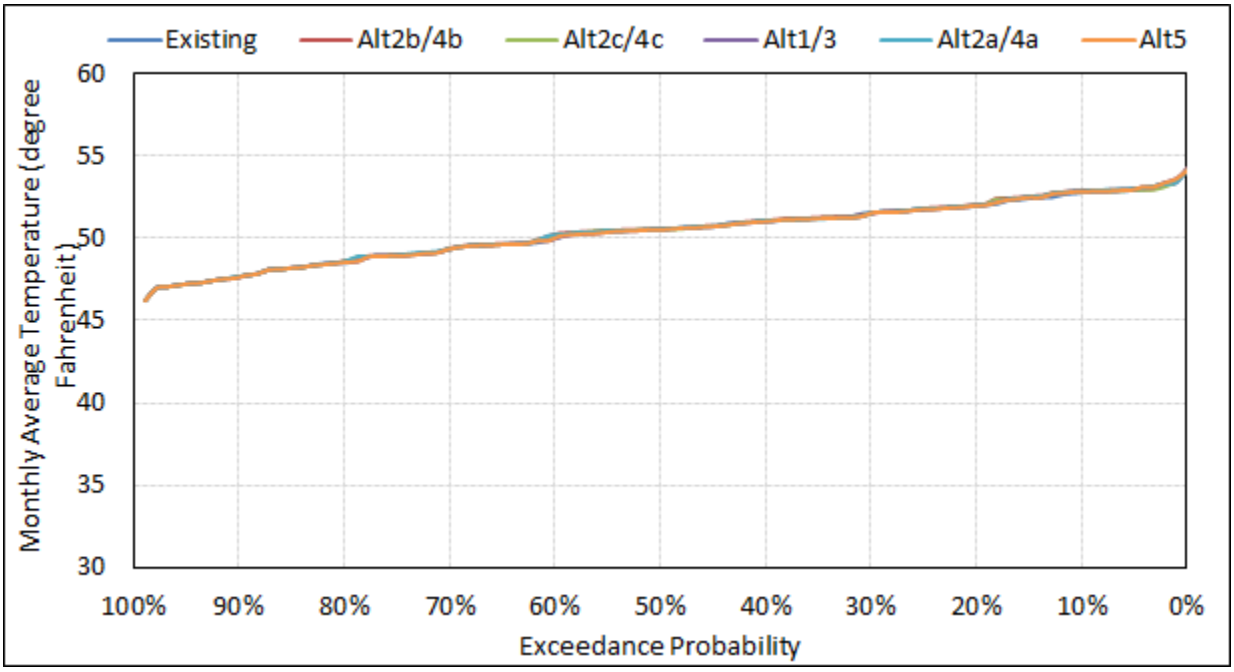


Figure 5A-D1.18.13. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

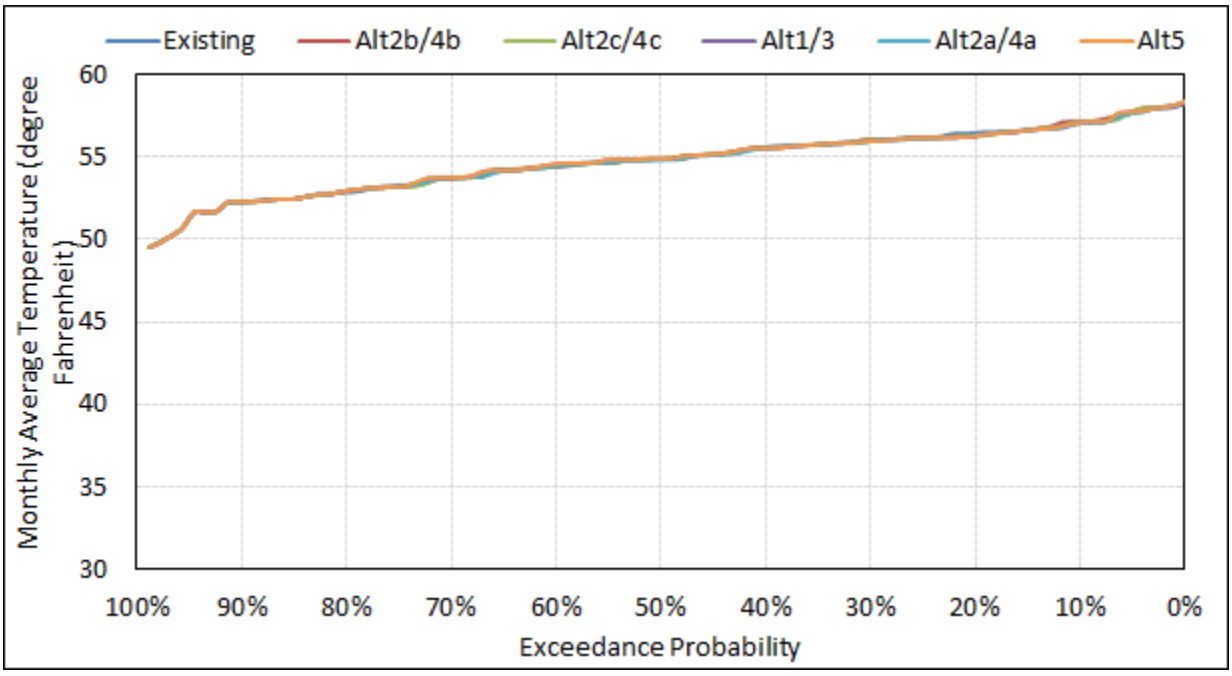


Figure 5A-D1.18.14. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

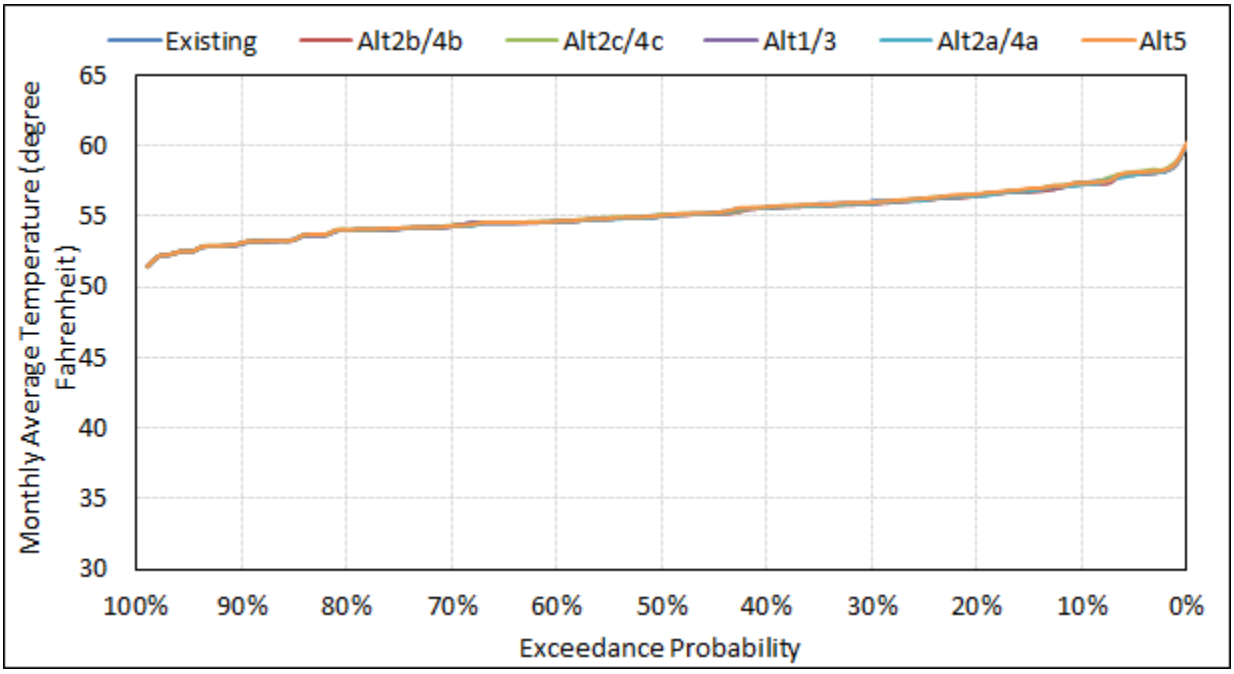


Figure 5A-D1.18.15. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

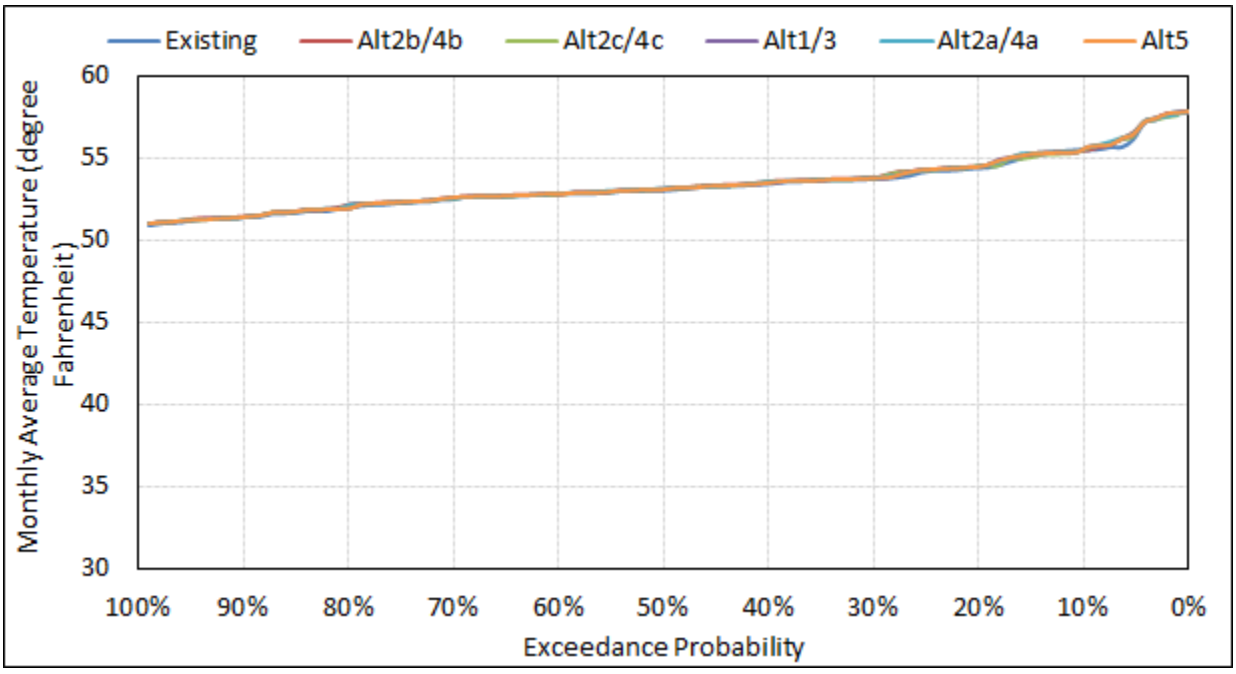


Figure 5A-D1.18.16. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

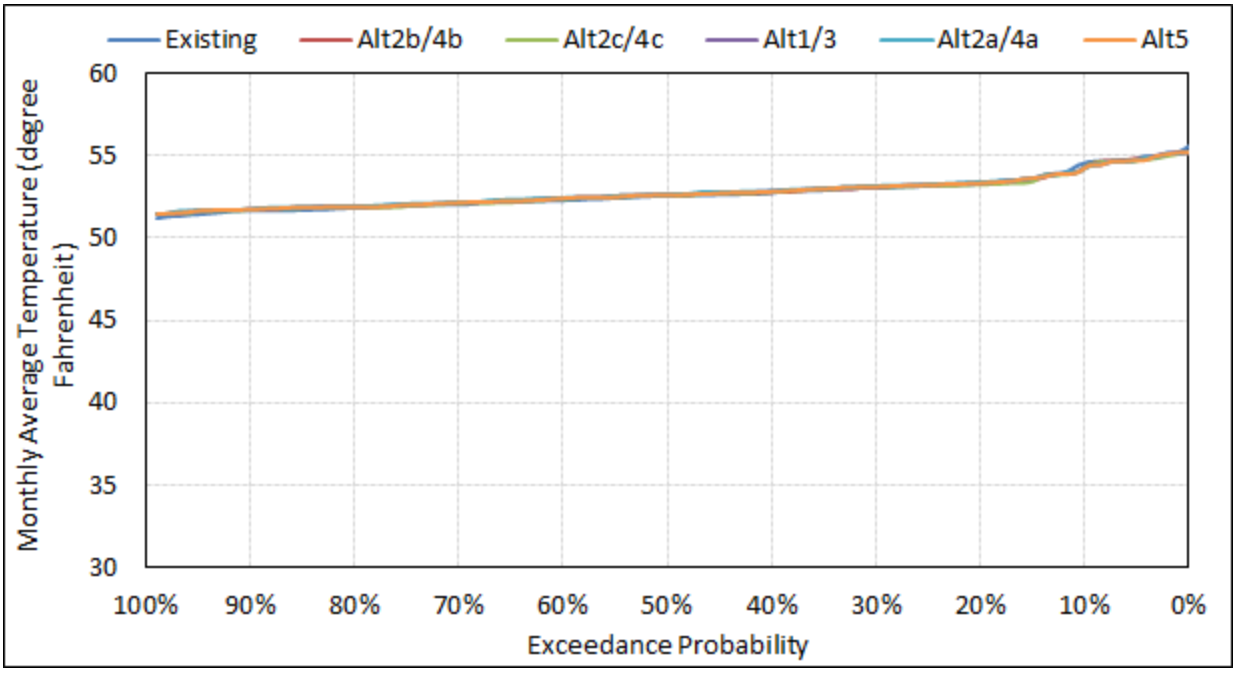


Figure 5A-D1.18.17. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

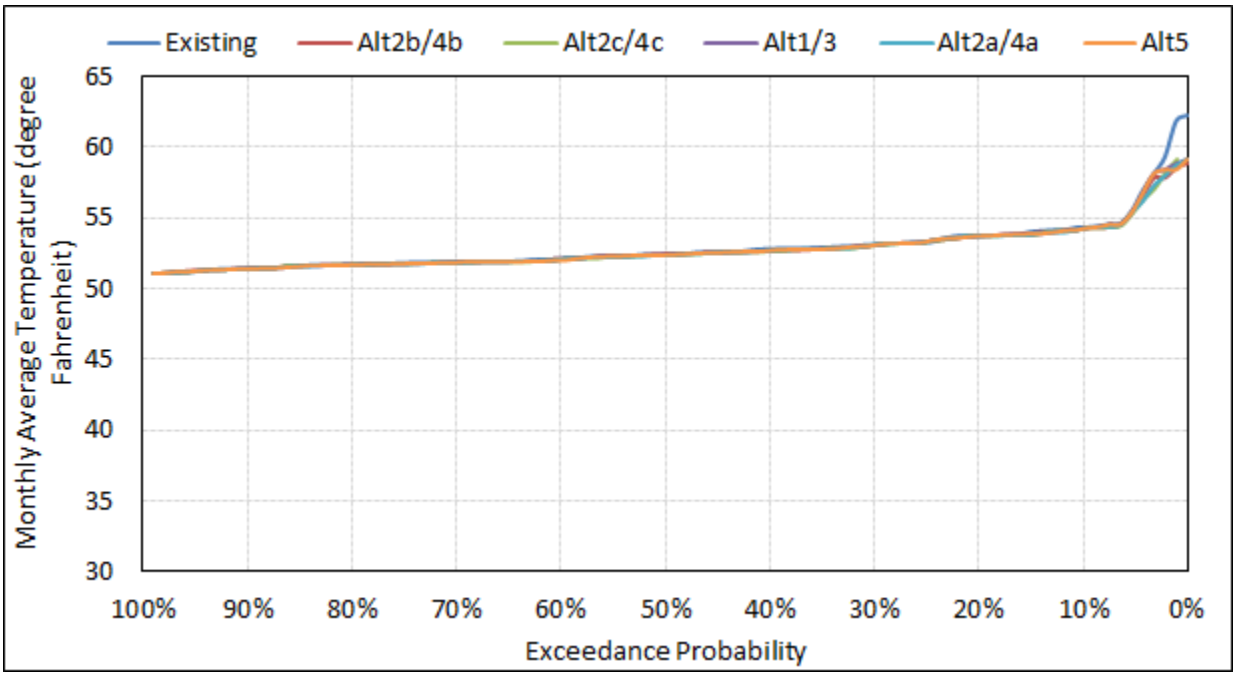


Figure 5A-D1.18.18. Sacramento River at Cow Creek, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

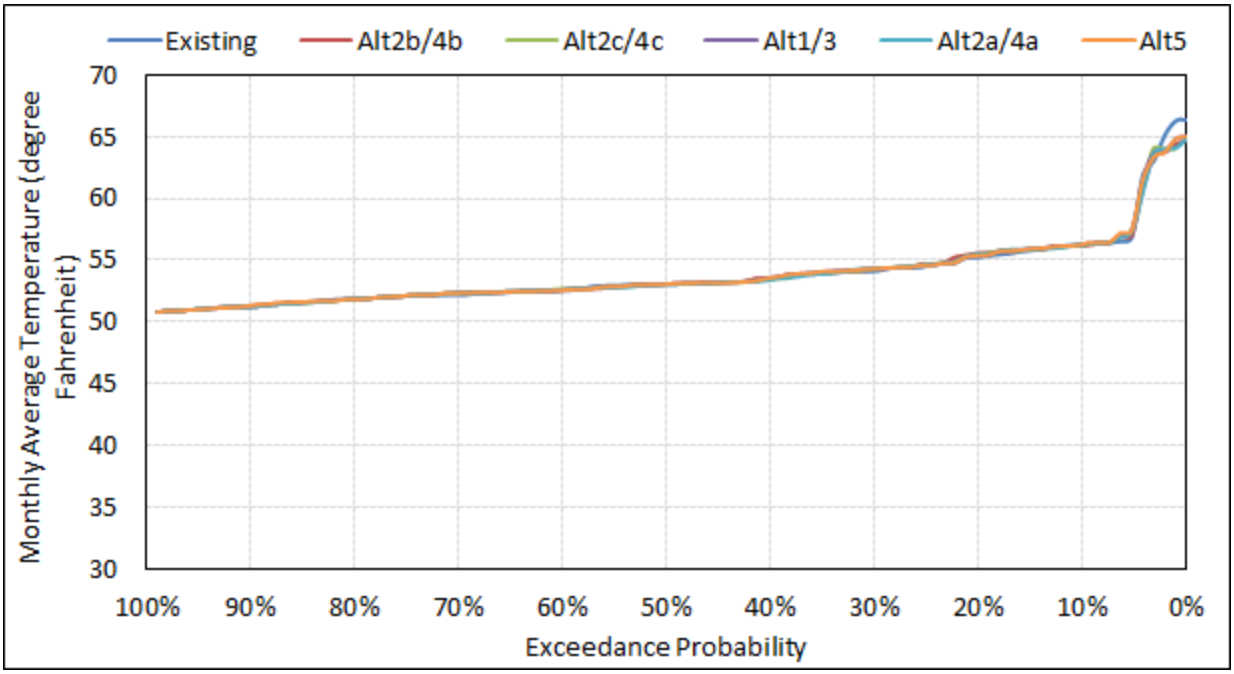
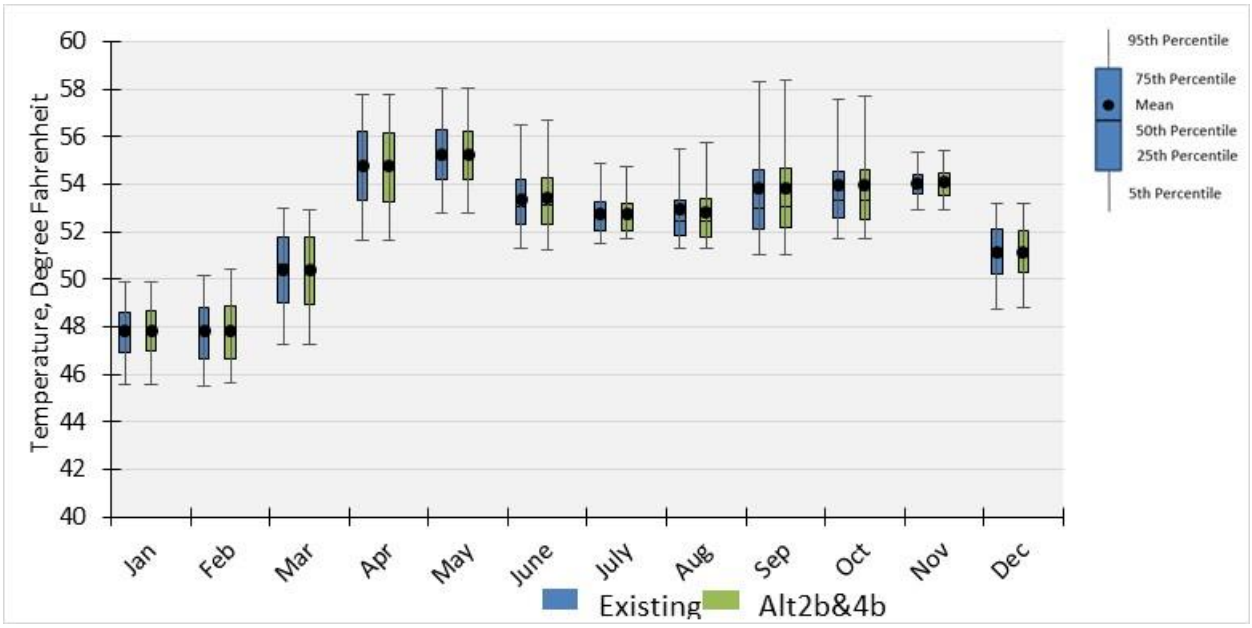


Figure 5A-D1.18.19. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



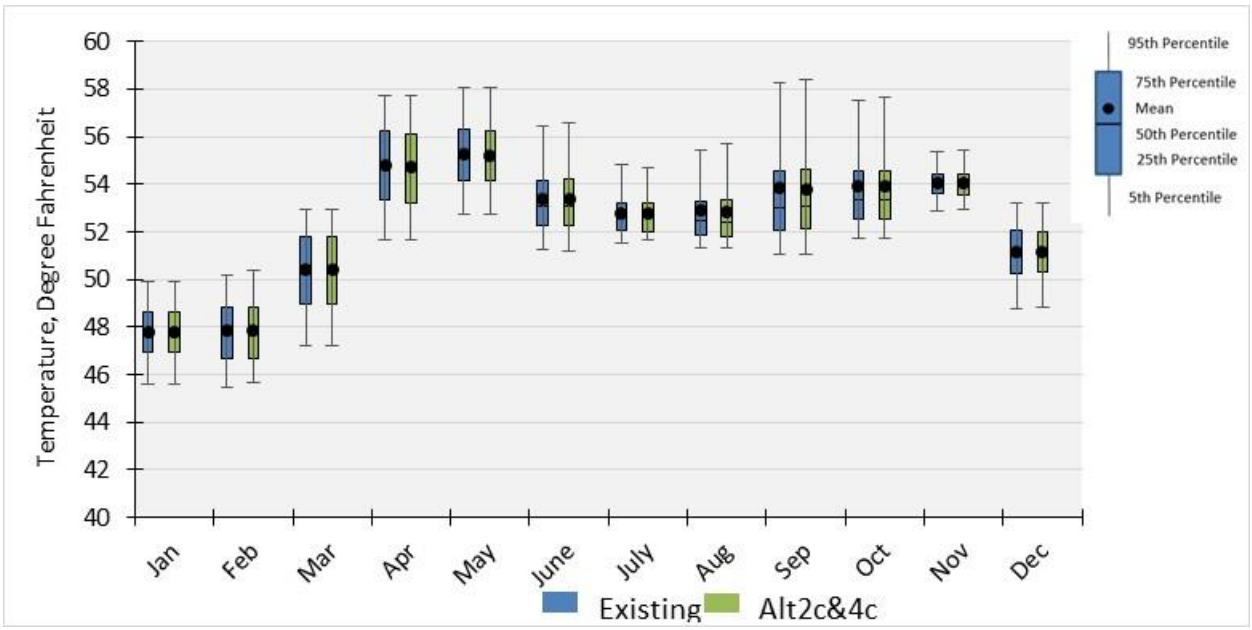
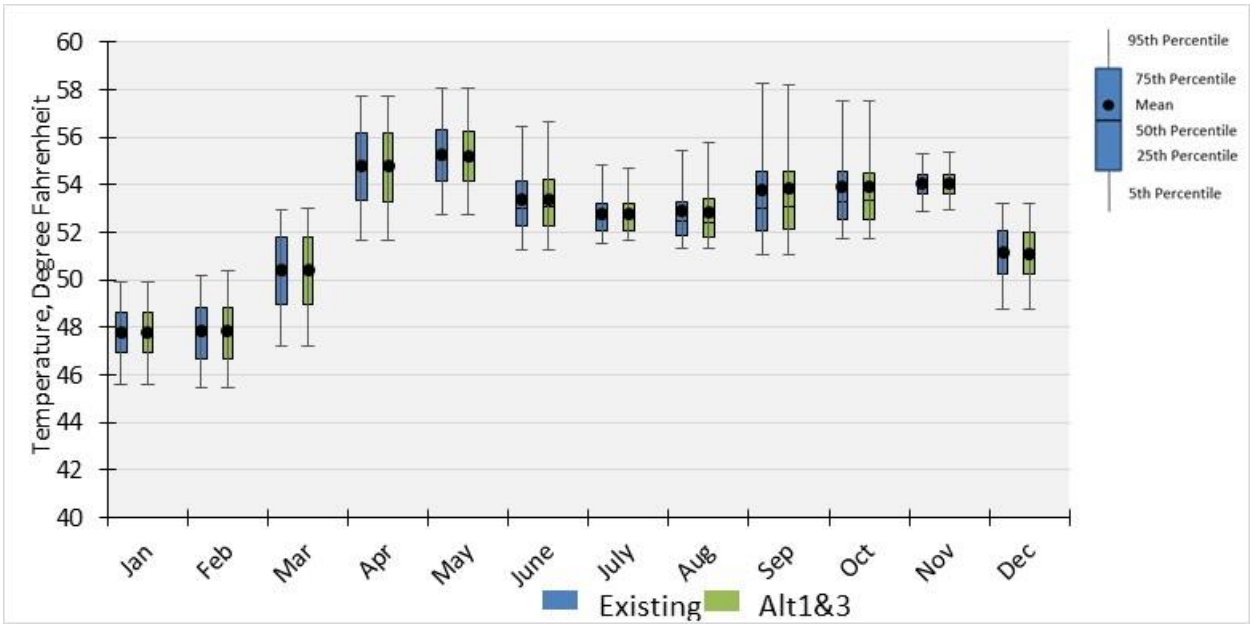


Figure 5A-D1.18.20. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



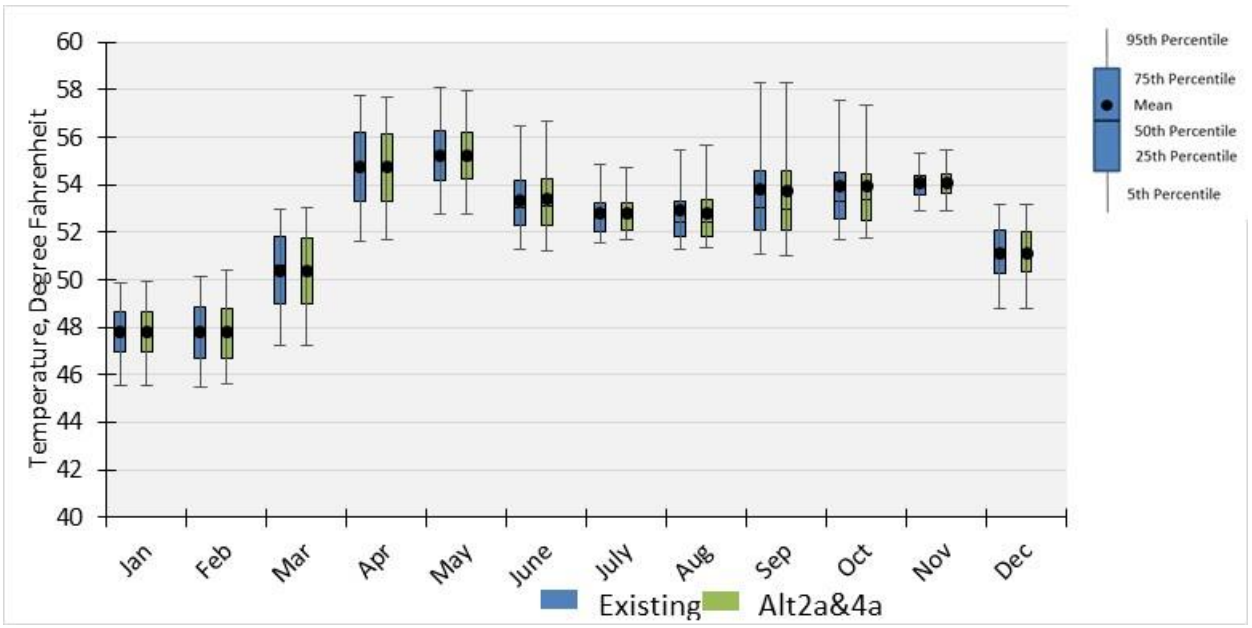


Figure 5A-D1.18.21. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

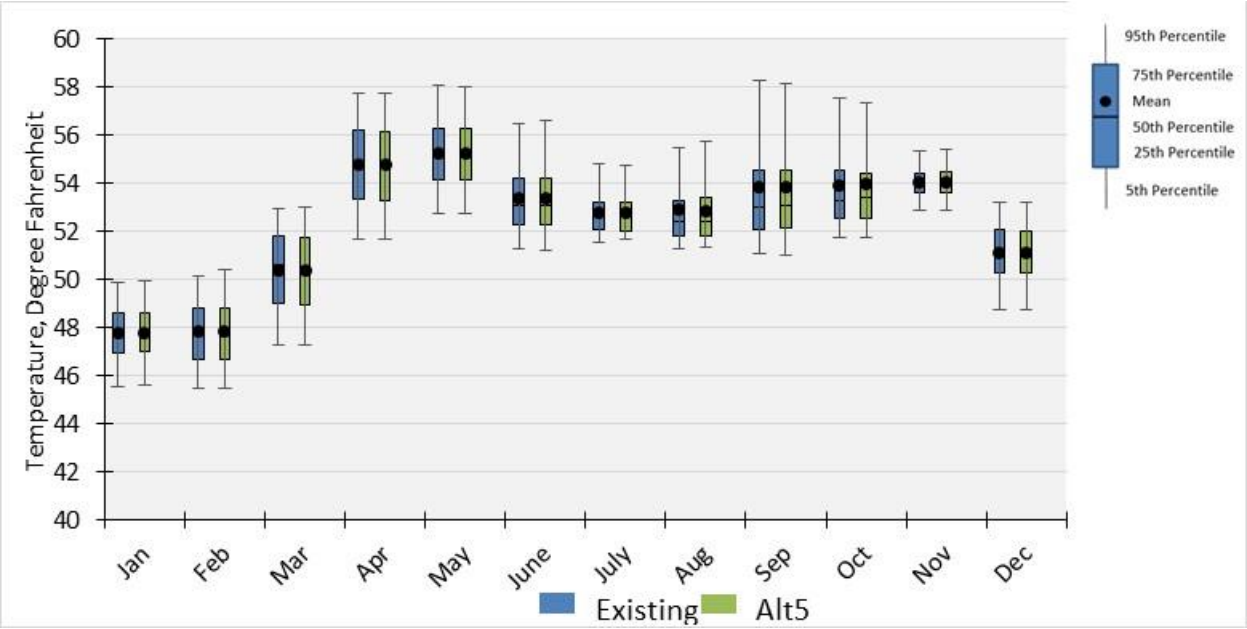


Figure 5A-D1.18.22. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions

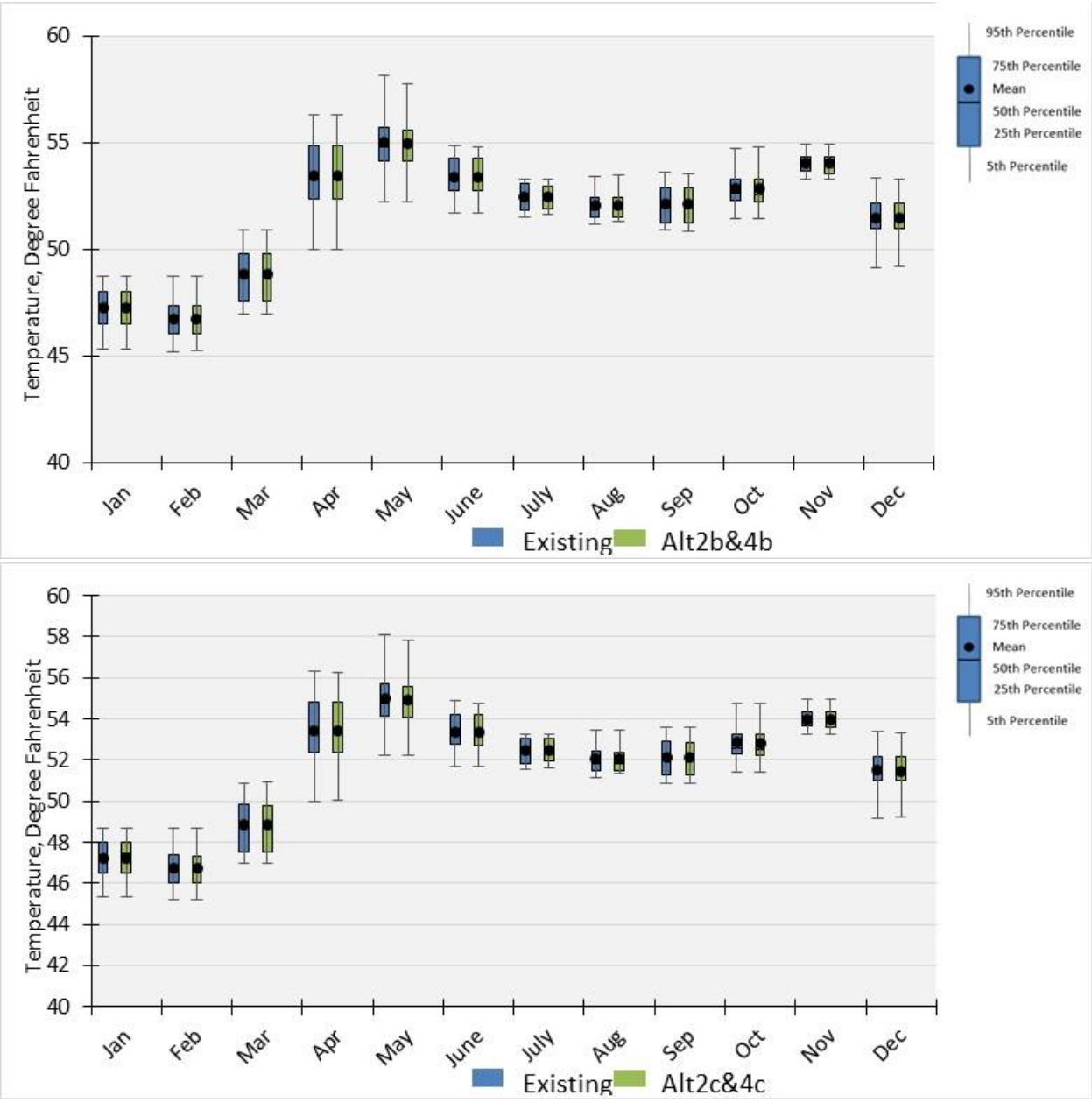
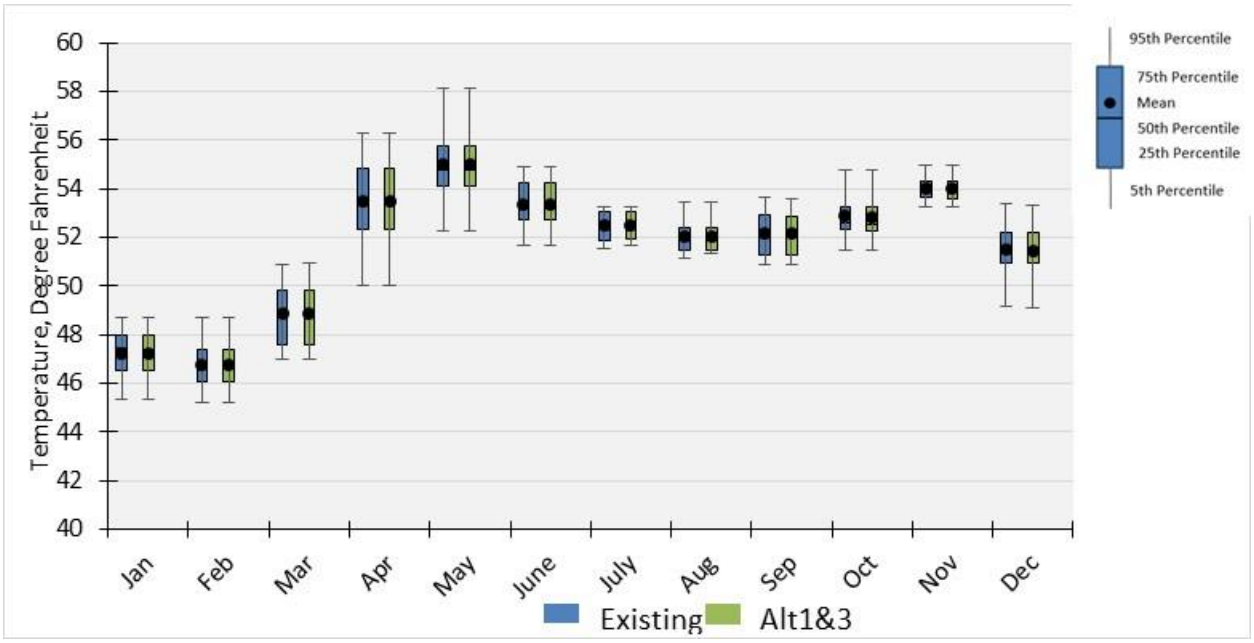


Figure 5A-D1.18.23. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



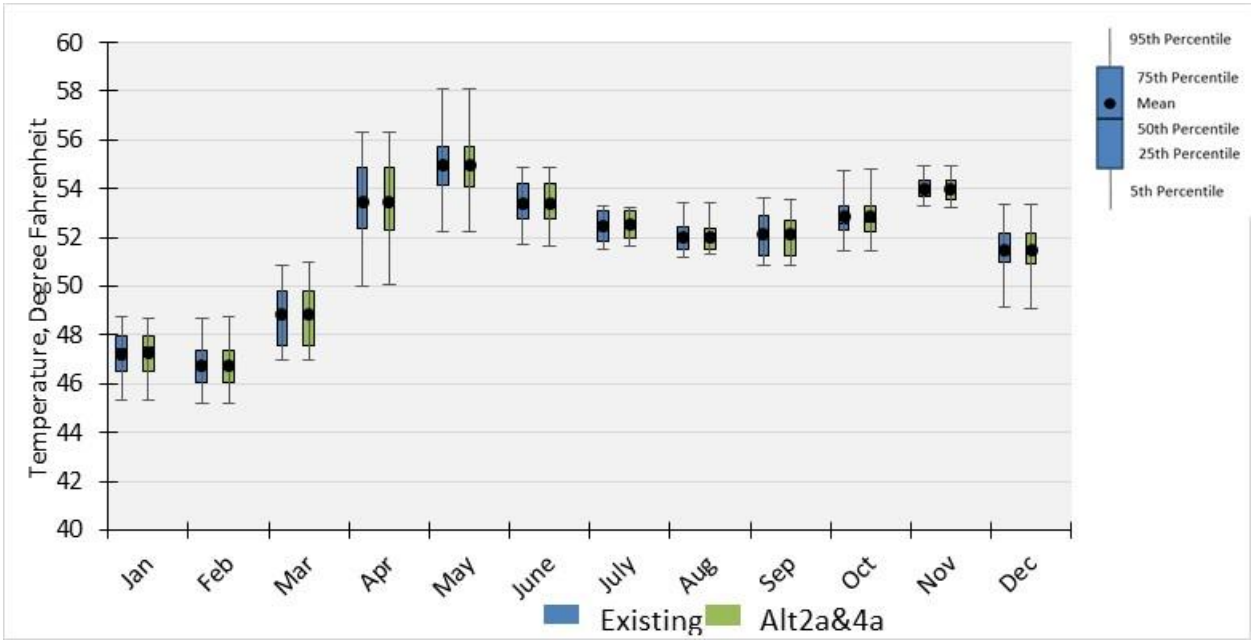


Figure 5A-D1.18.24. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

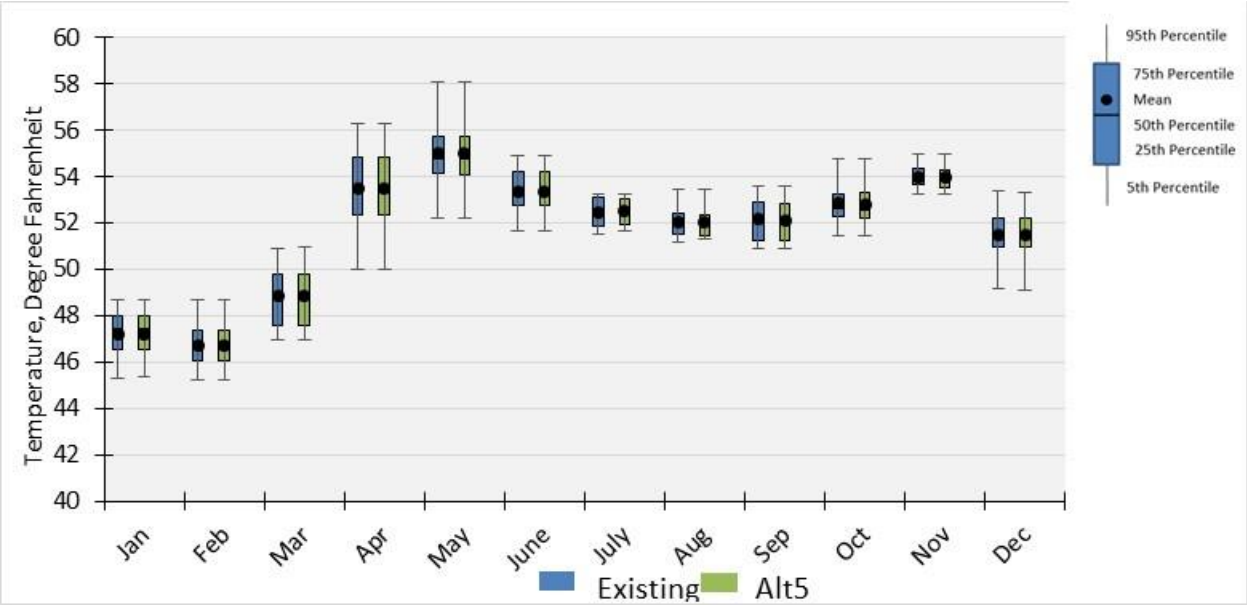
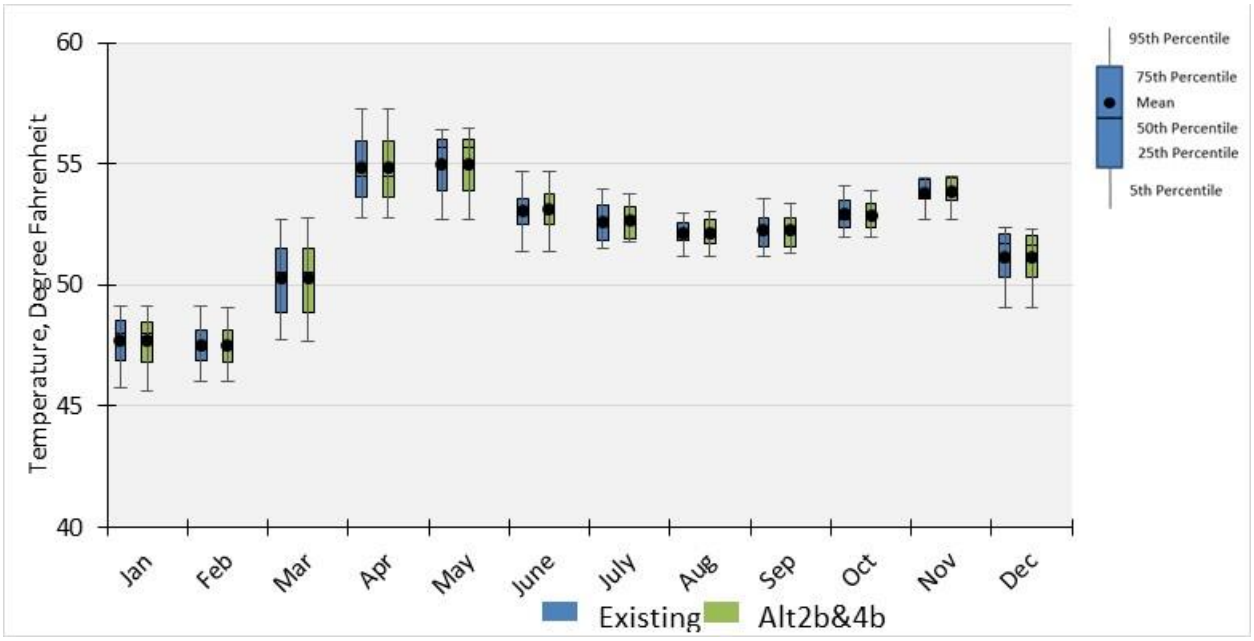


Figure 5A-D1.18.25. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



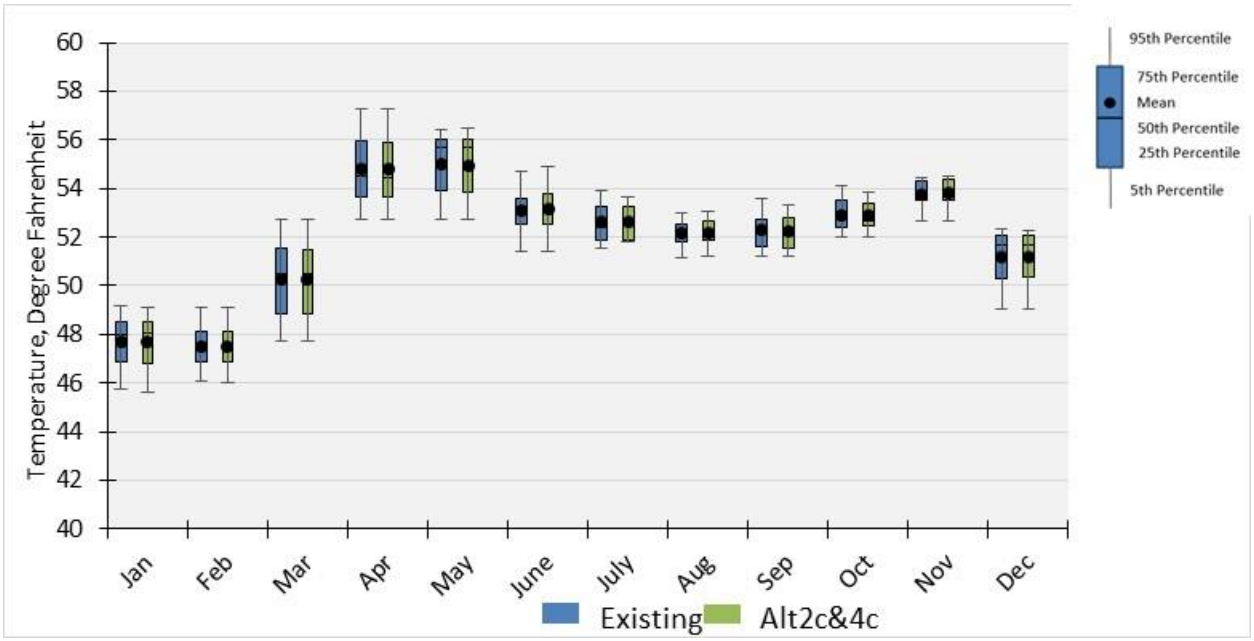
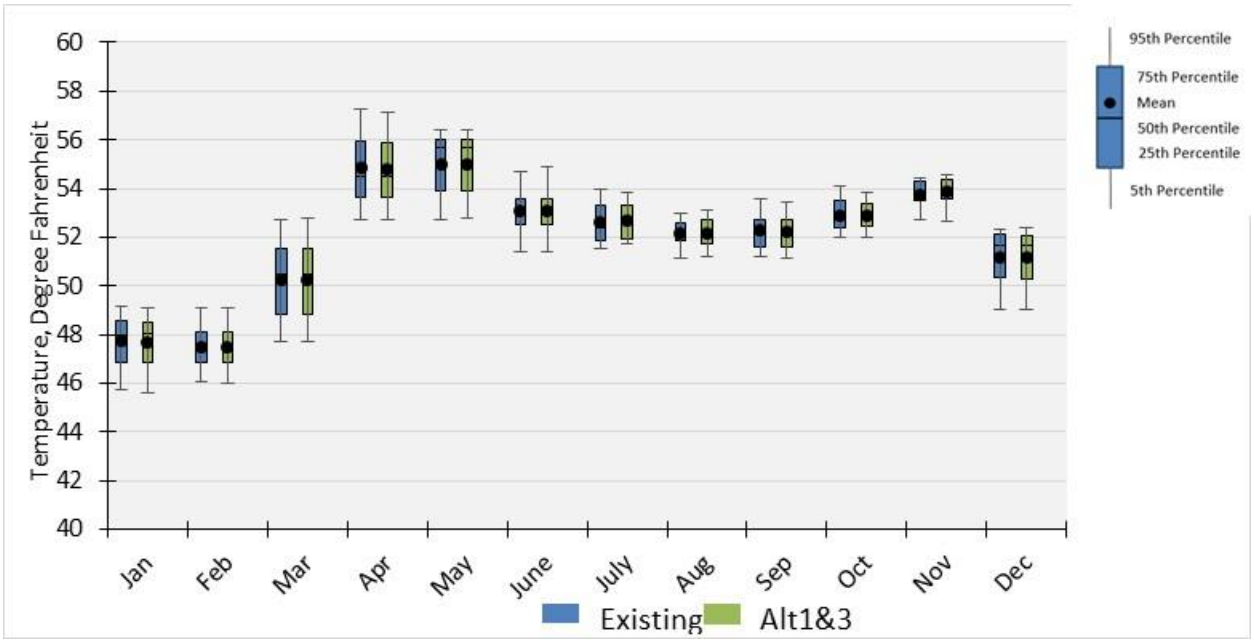


Figure 5A-D1.18.26. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



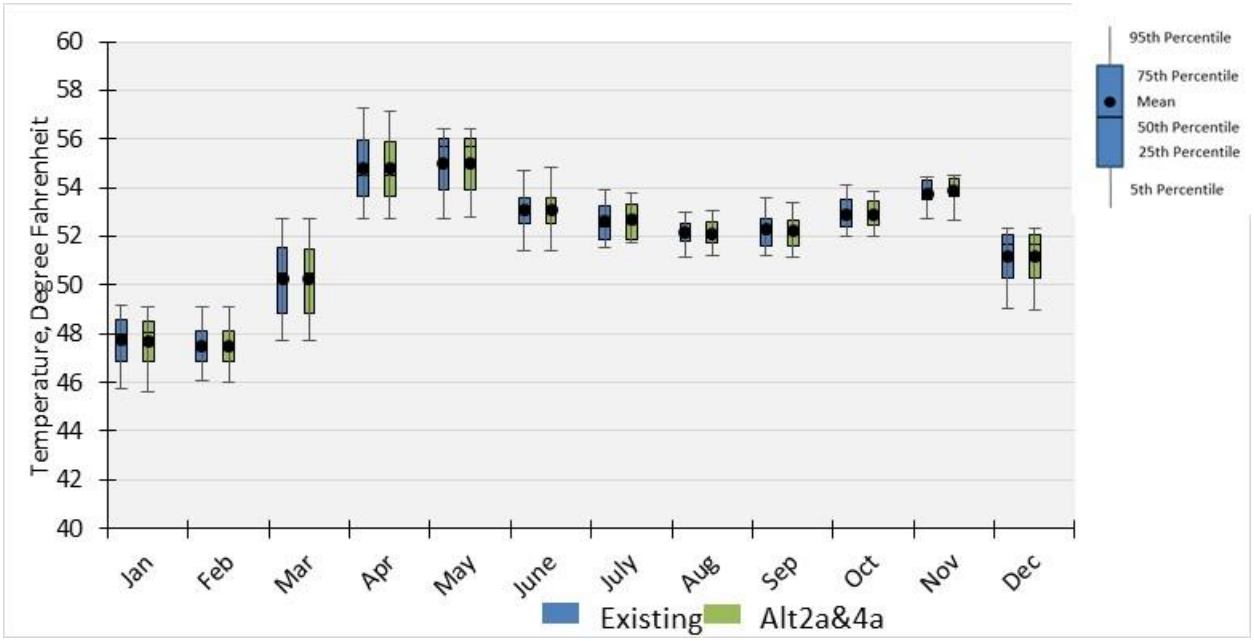


Figure 5A-D1.18.27. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

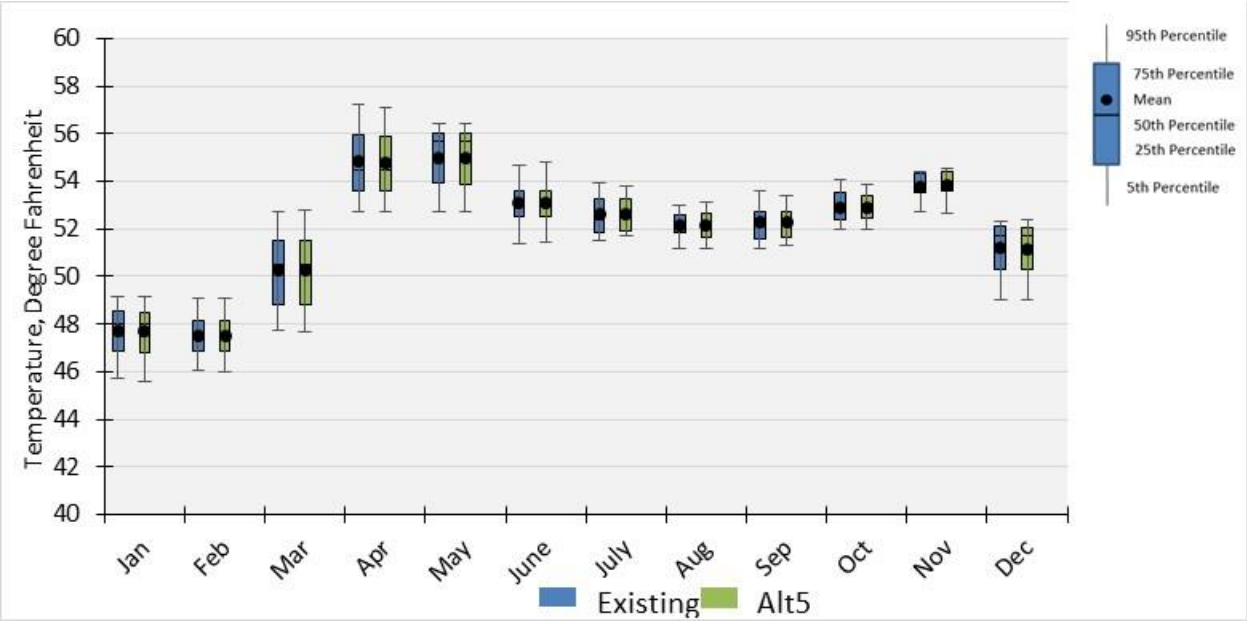
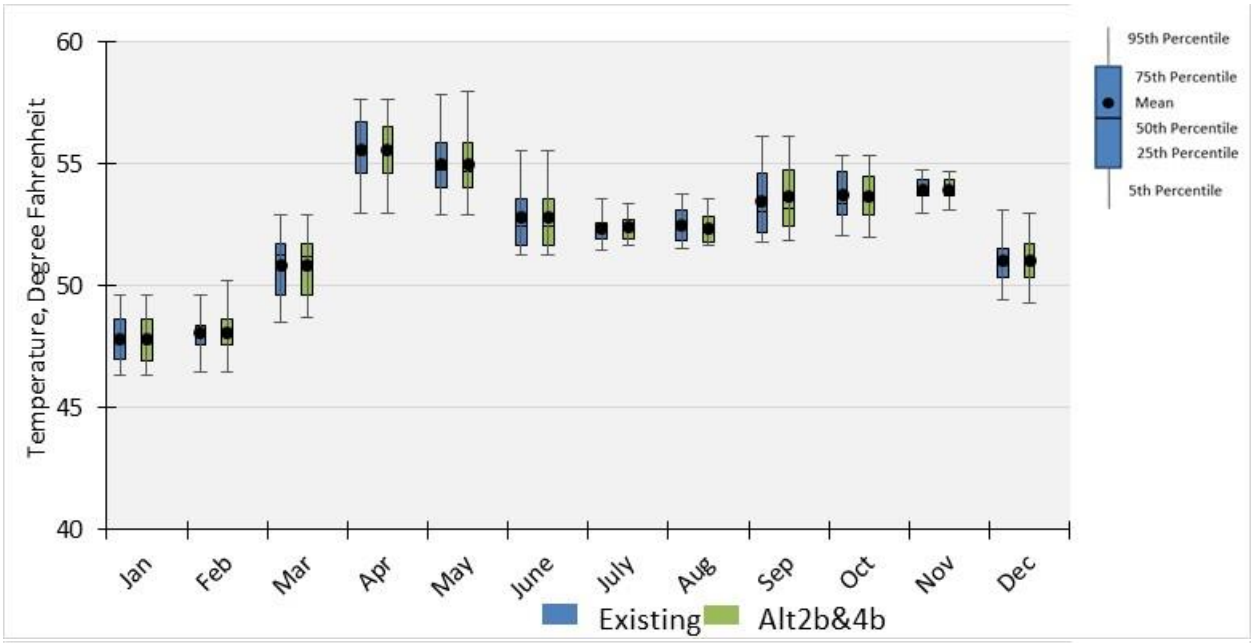


Figure 5A-D1.18.28. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



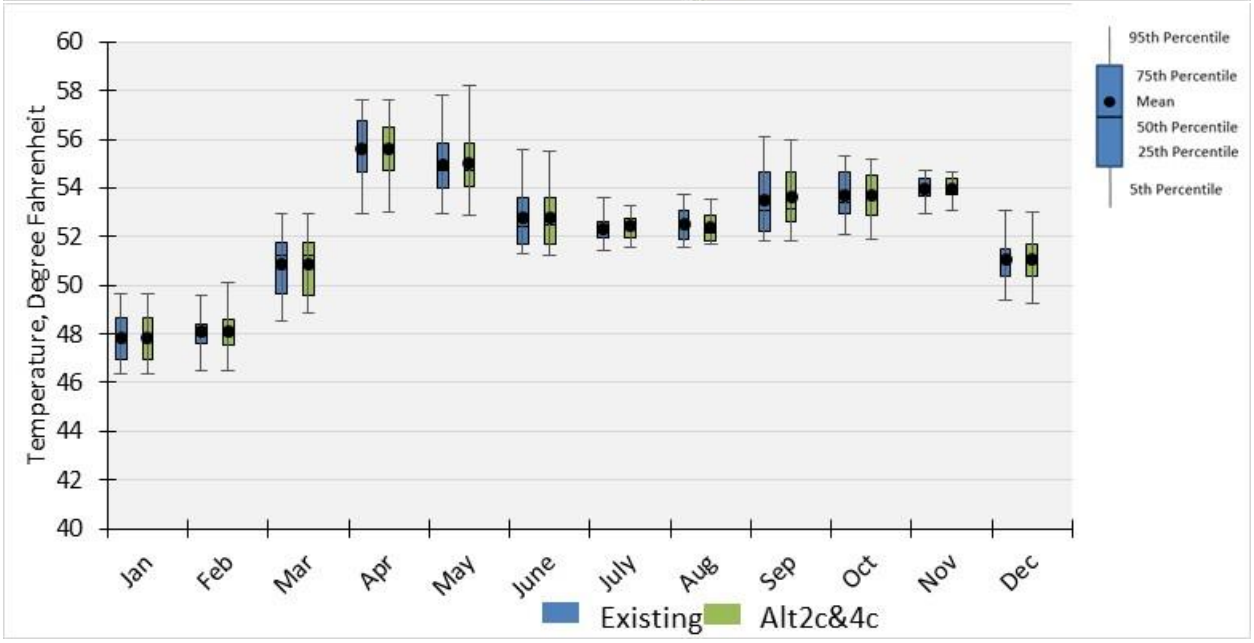
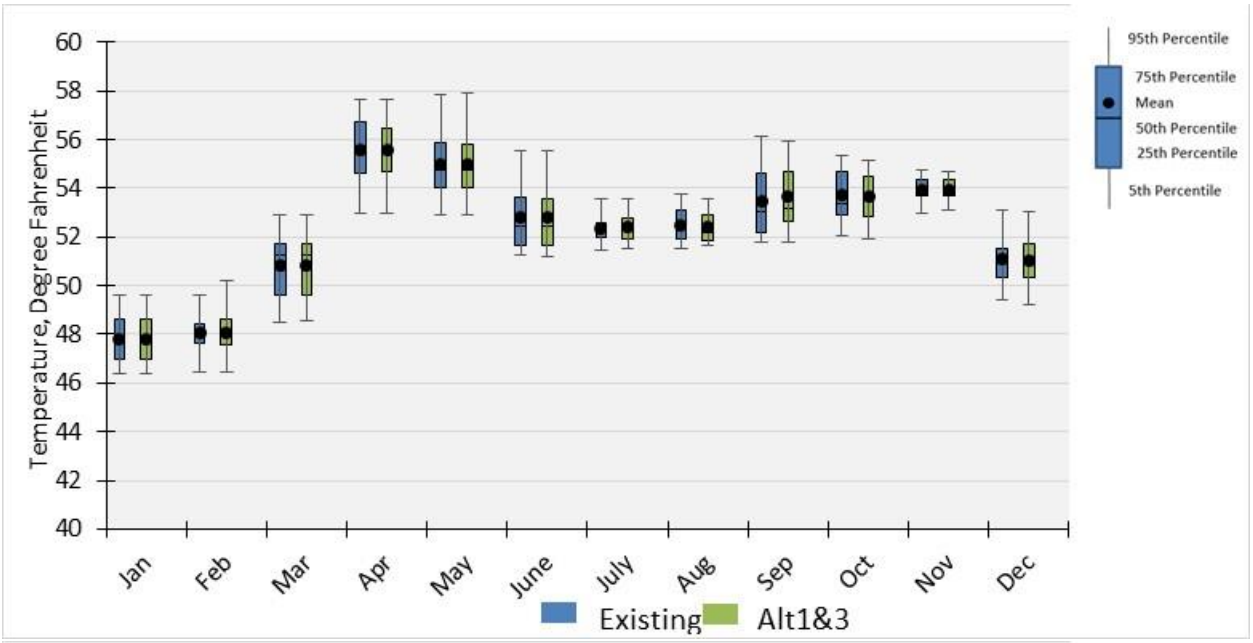


Figure 5A-D1.18.29. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



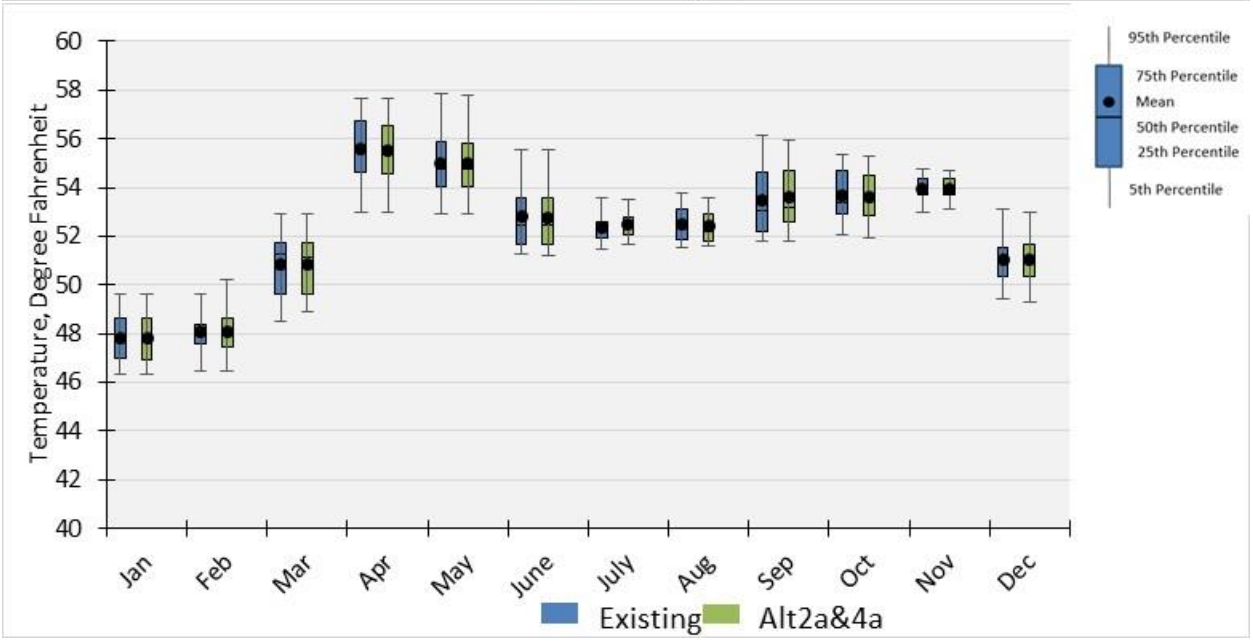


Figure 5A-D1.18.30. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

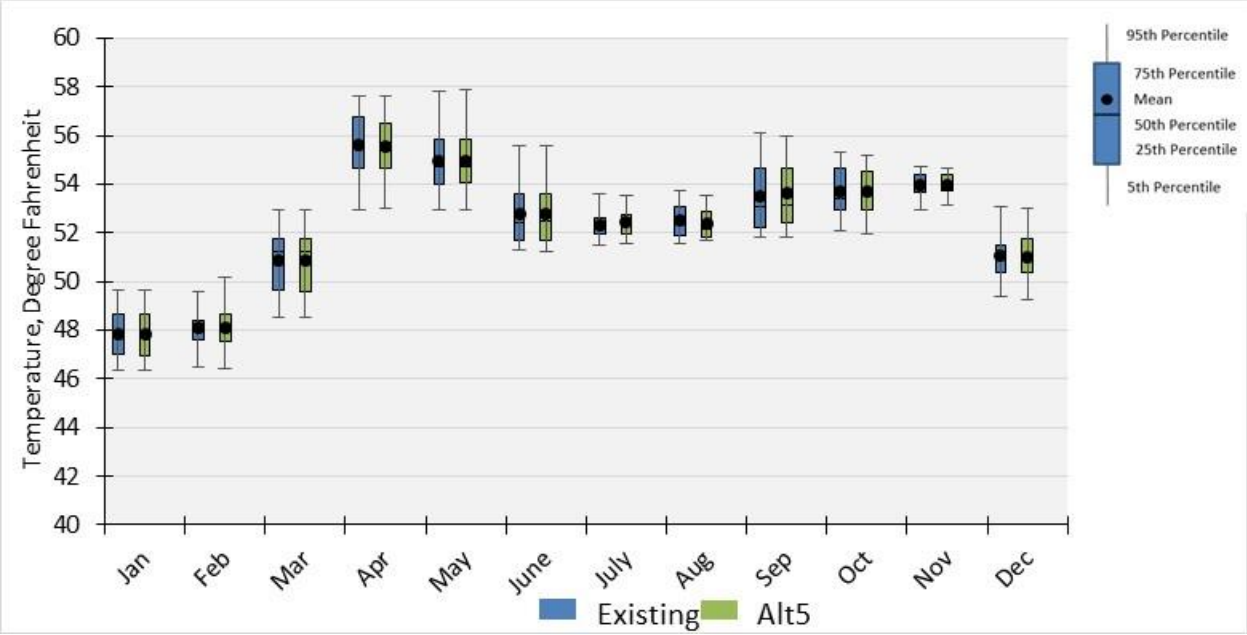
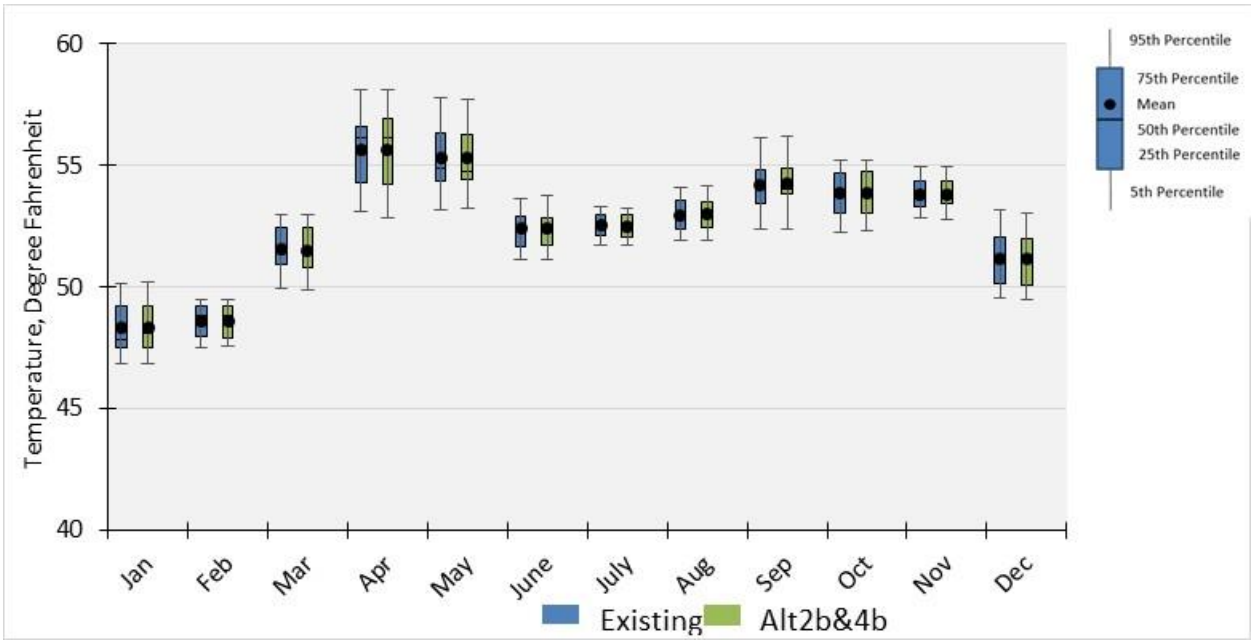


Figure 5A-D1.18.31. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



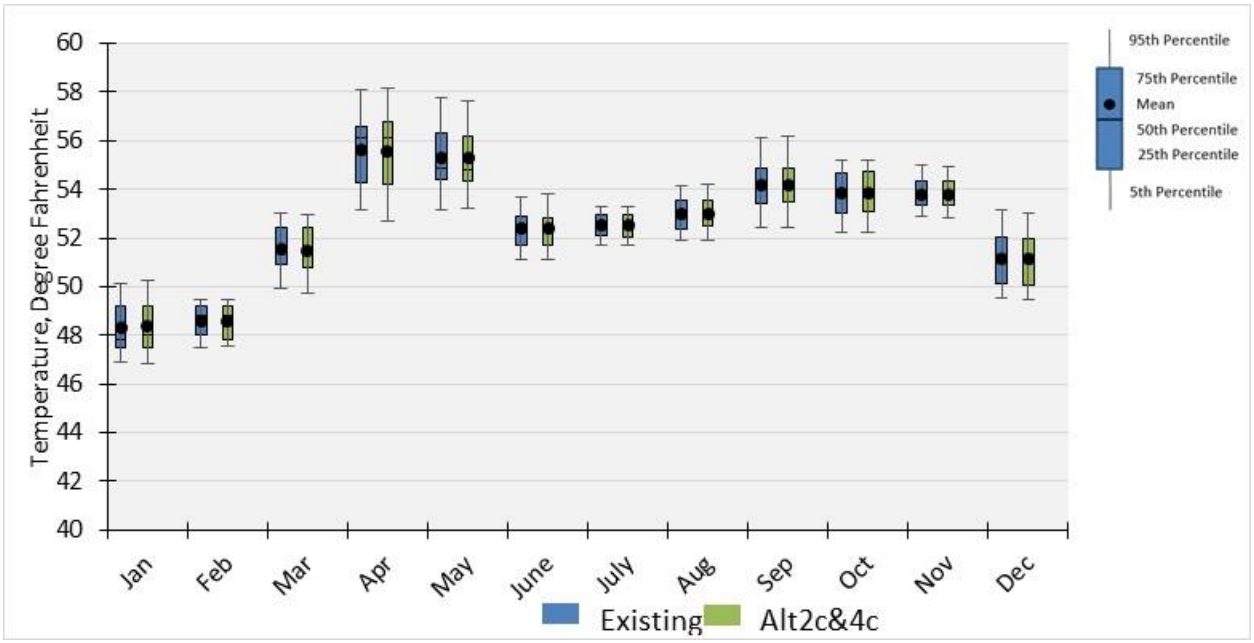
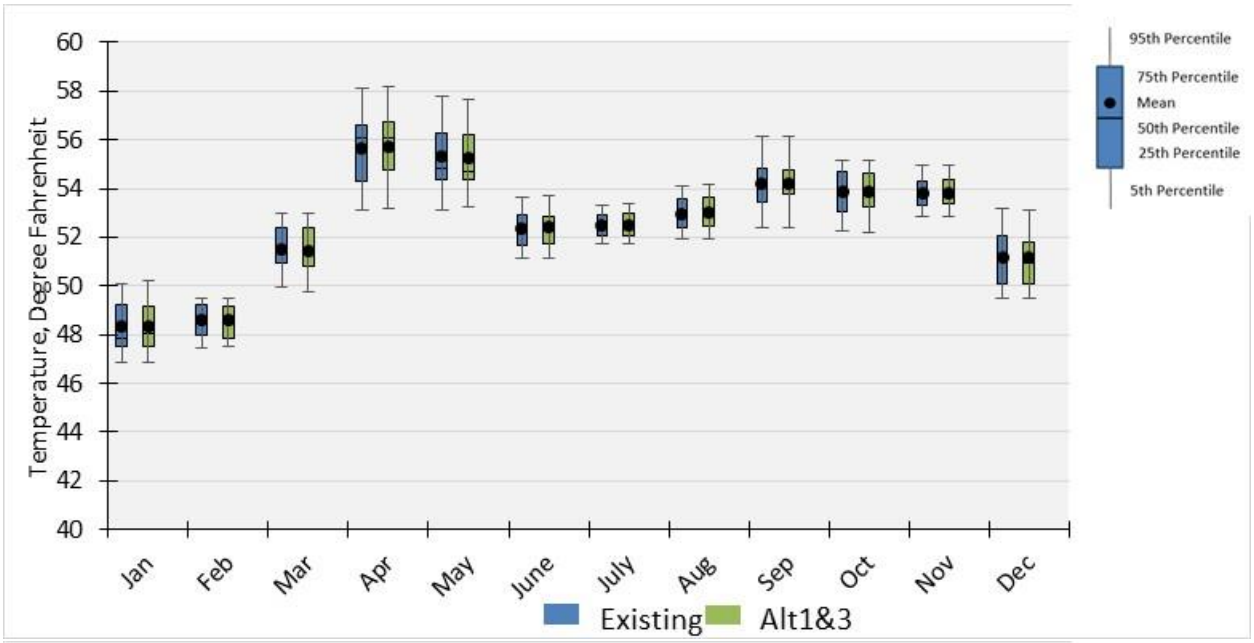


Figure 5A-D1.18.32. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



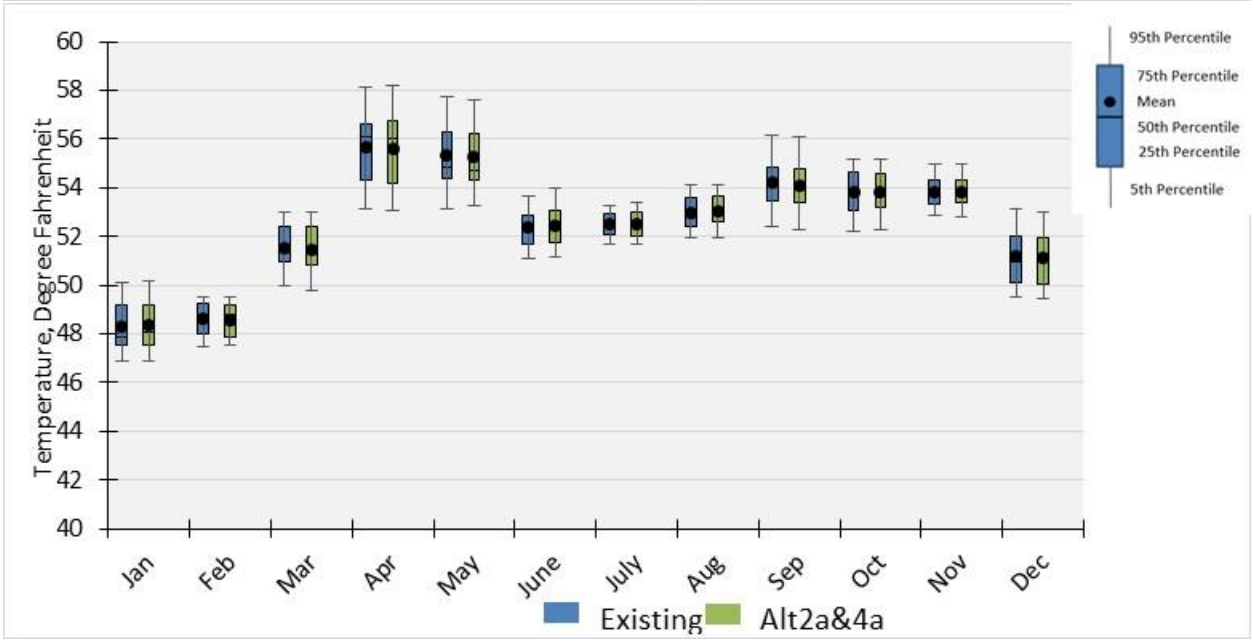


Figure 5A-D1.18.33. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

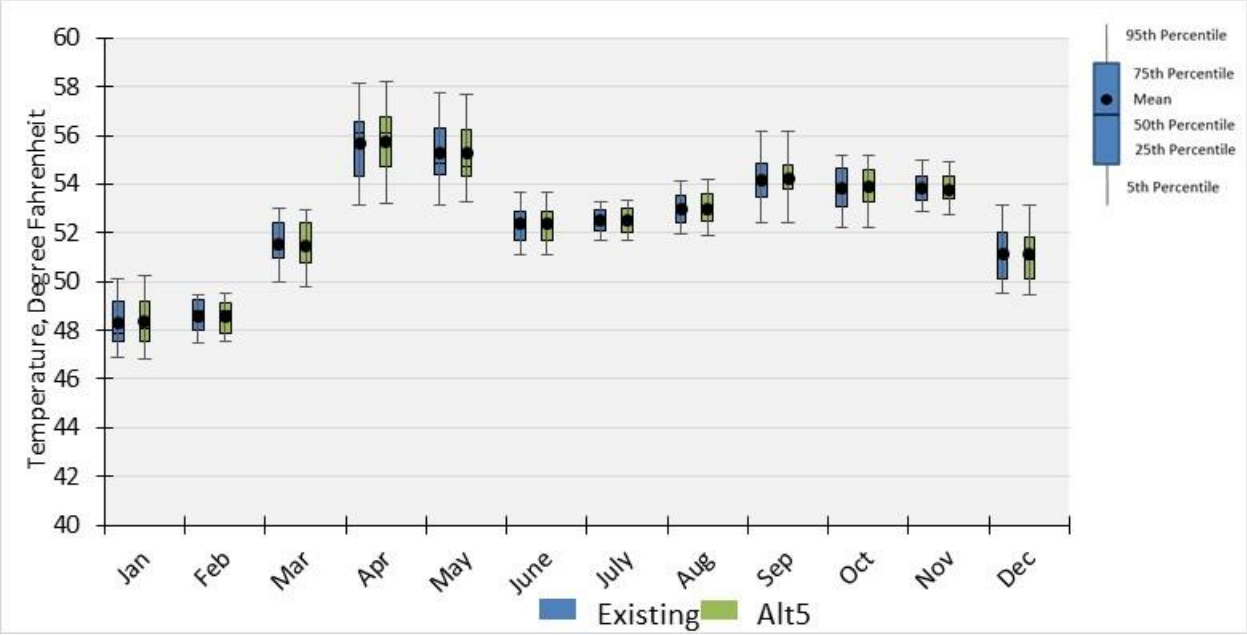
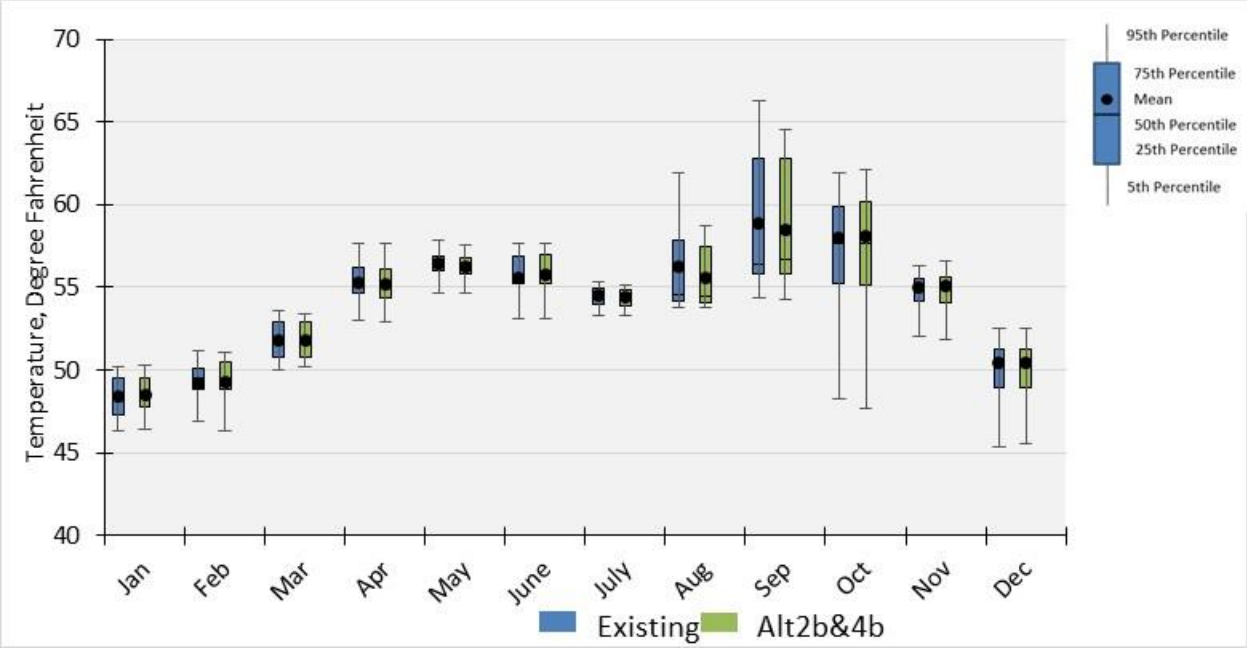


Figure 5A-D1.18.34. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



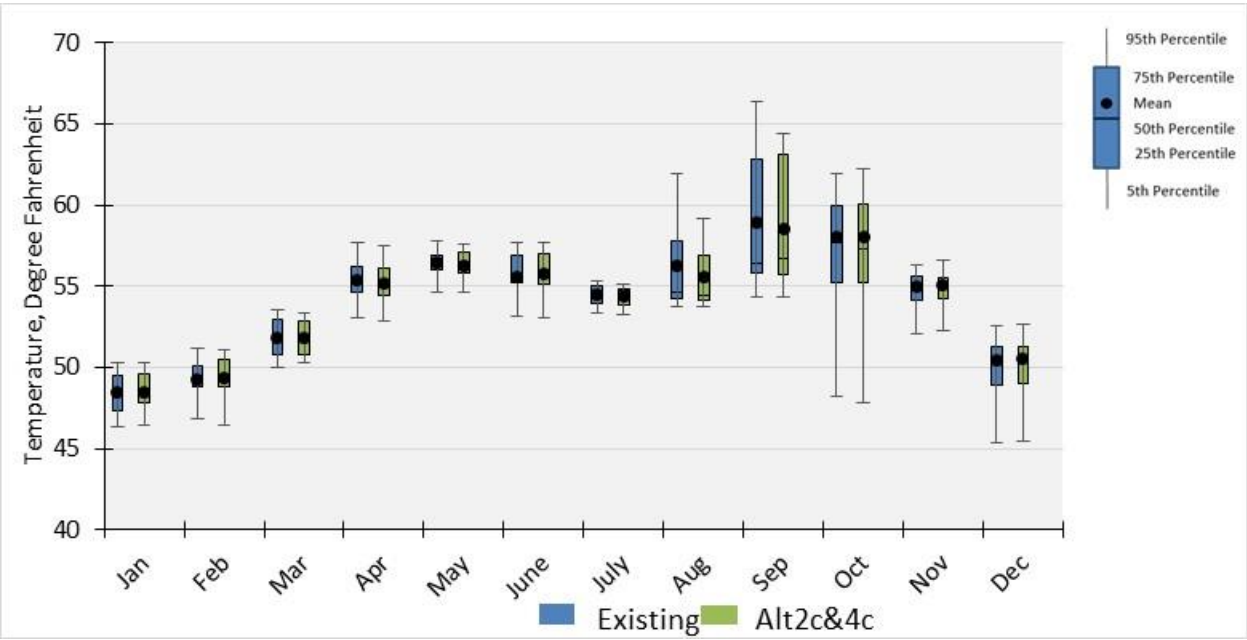
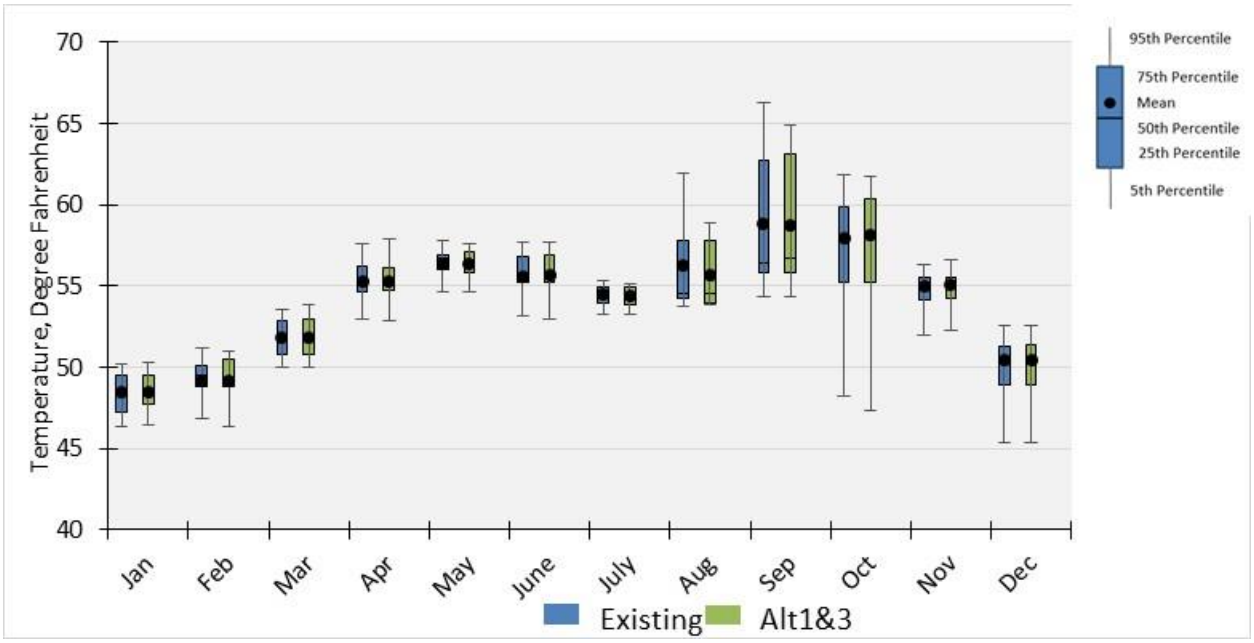


Figure 5A-D1.18.35. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



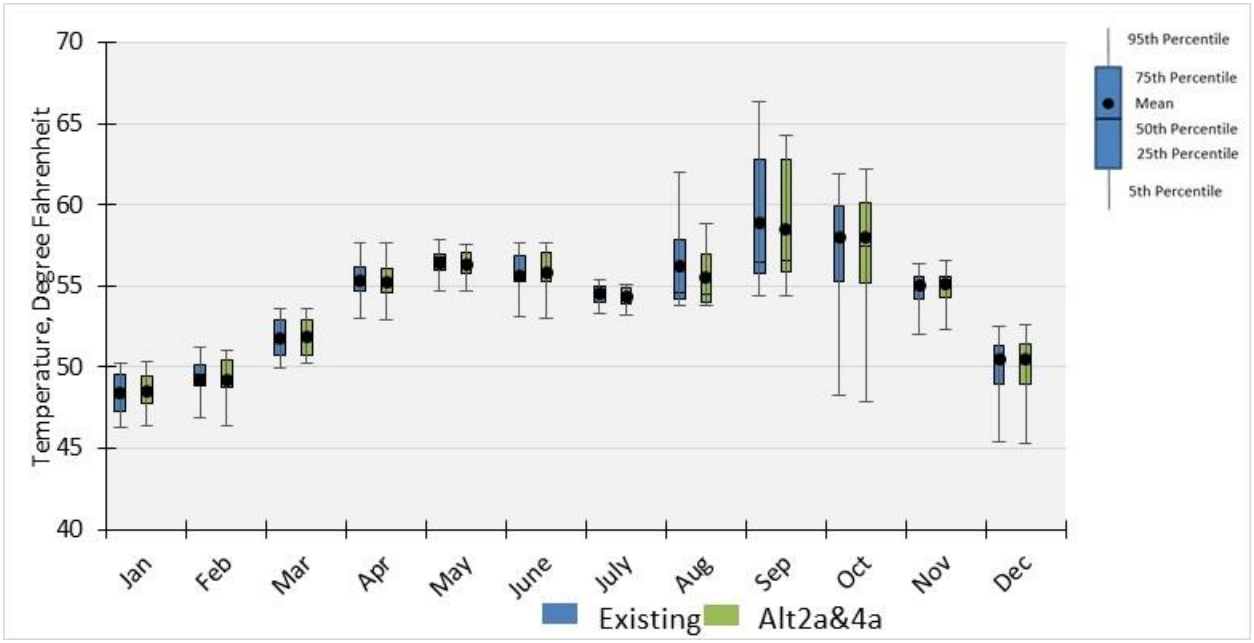


Figure 5A-D1.18.36. Sacramento River at Cow Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

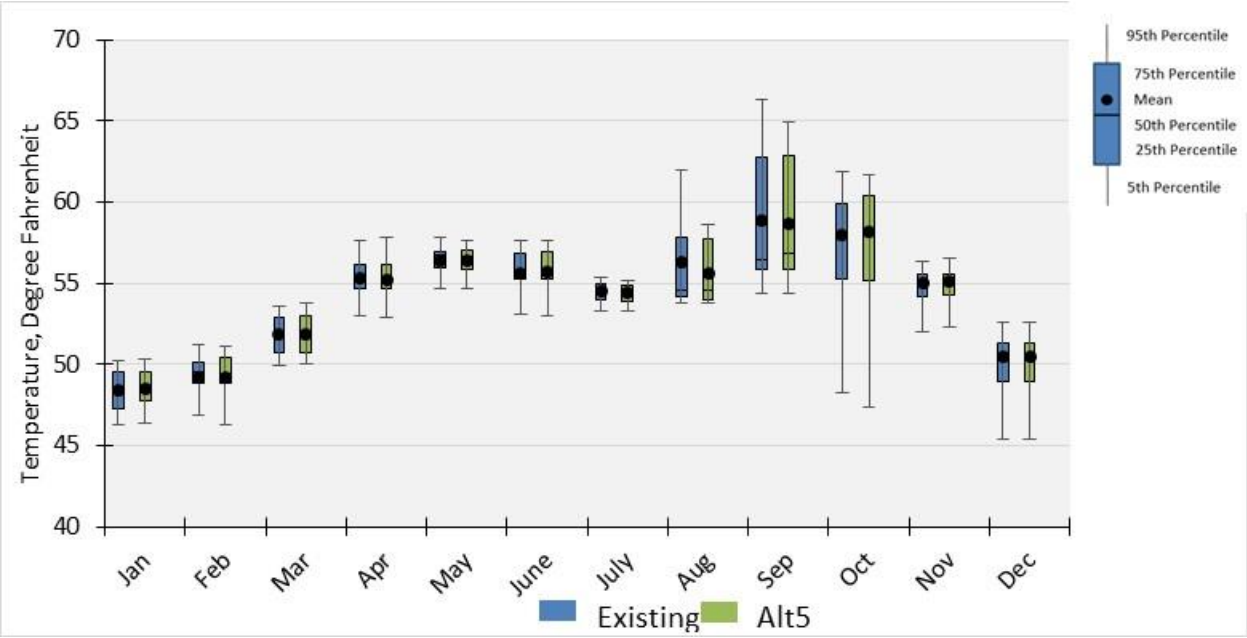
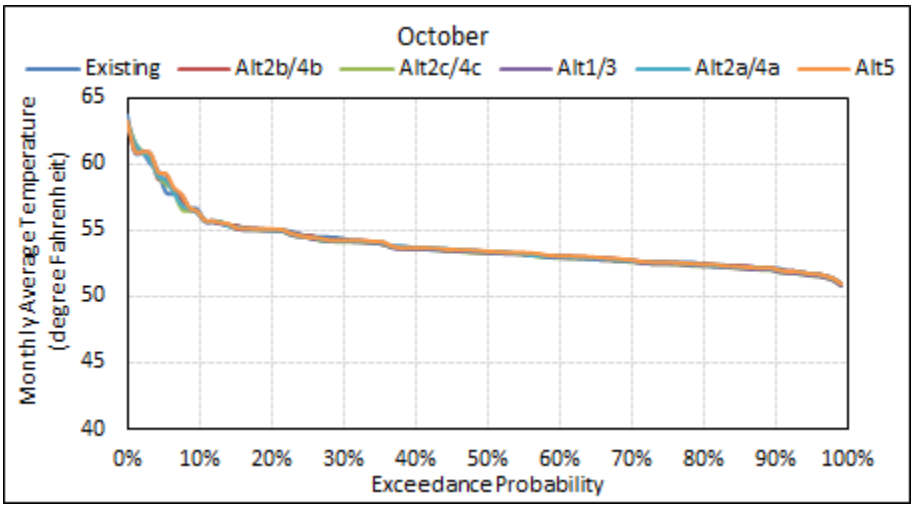
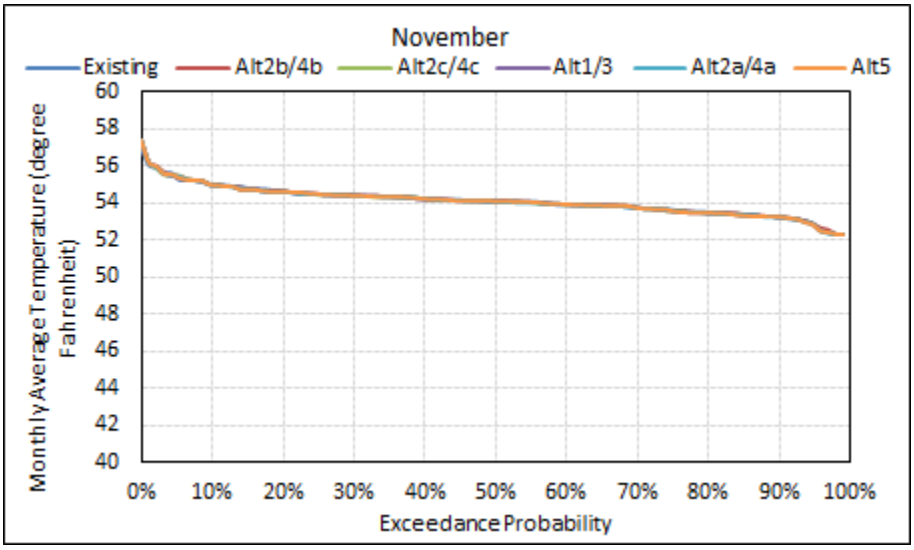


Figure 5A-D1.18.37-A. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





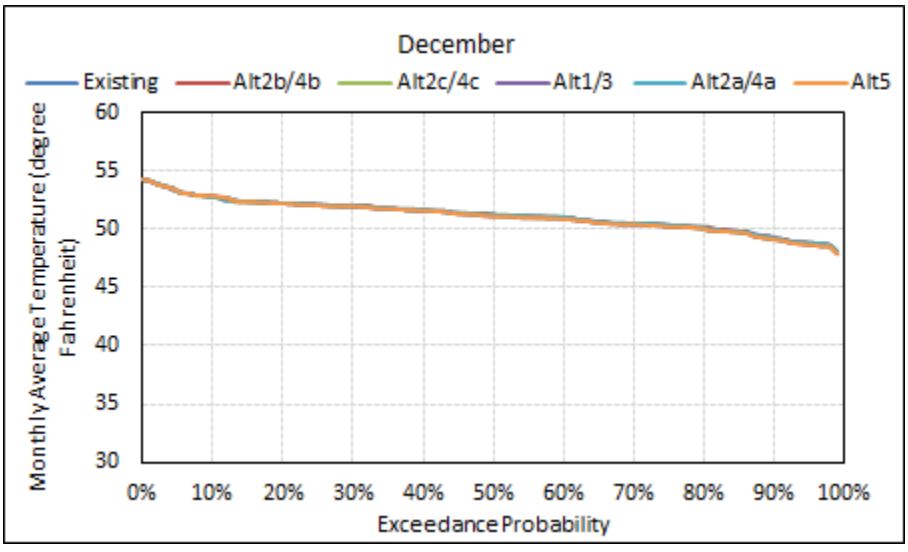
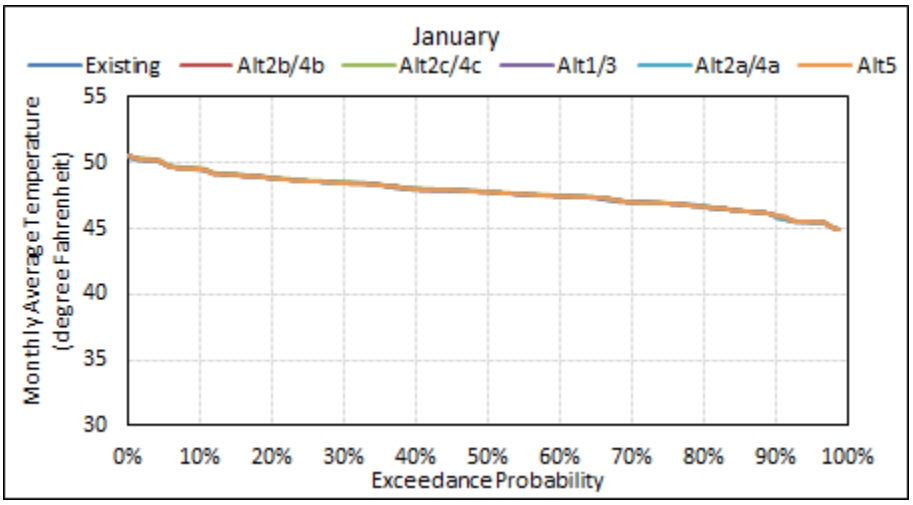
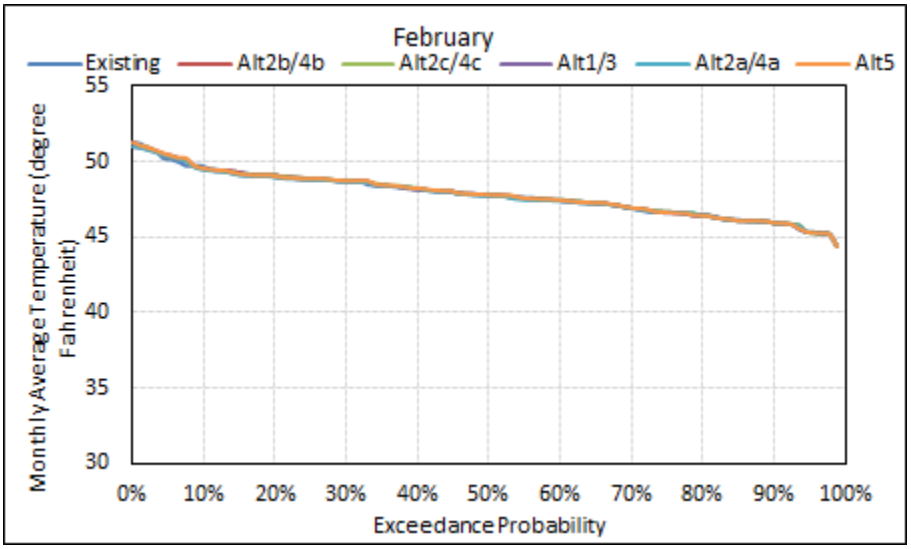


Figure 5A-D1.18.37-B. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





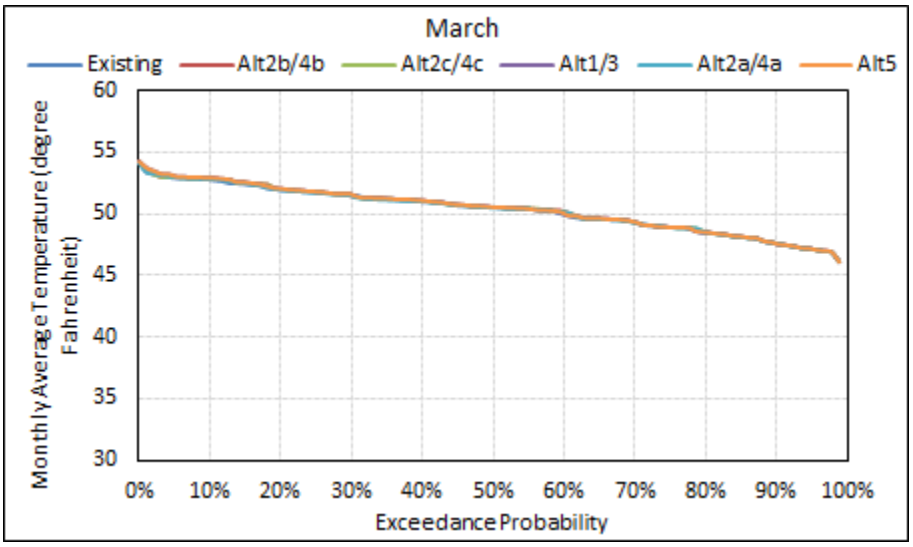
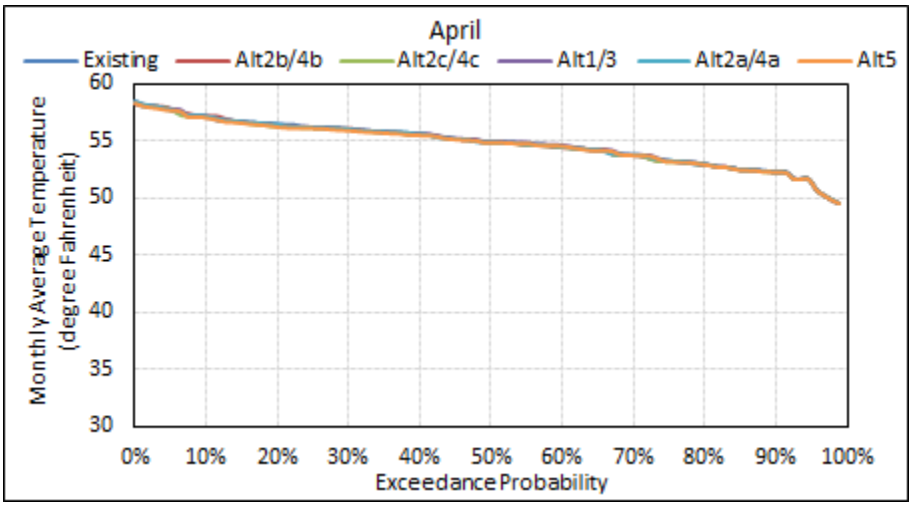
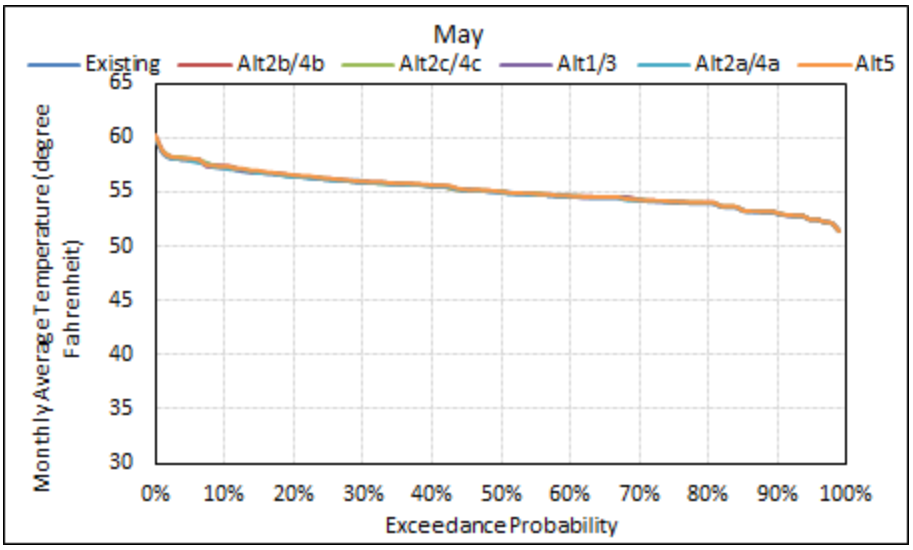


Figure 5A-D1.18.37-C. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





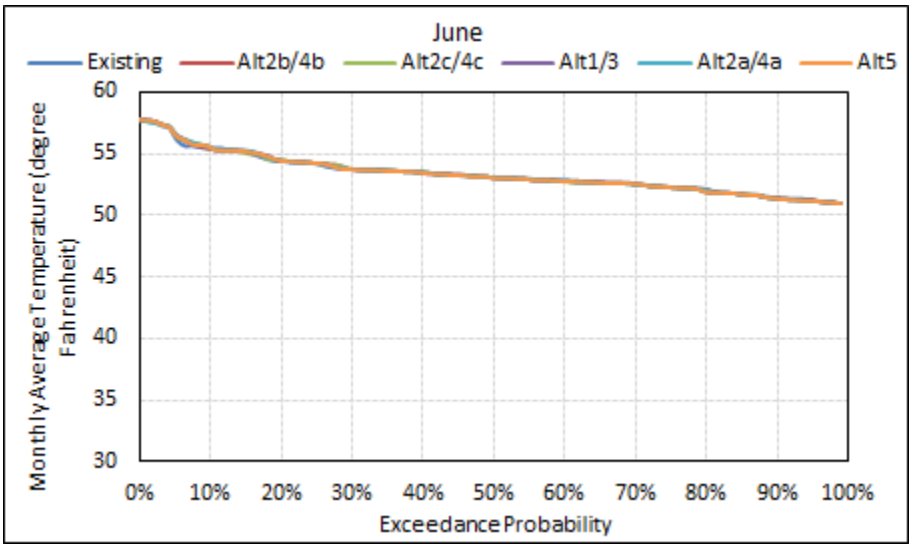
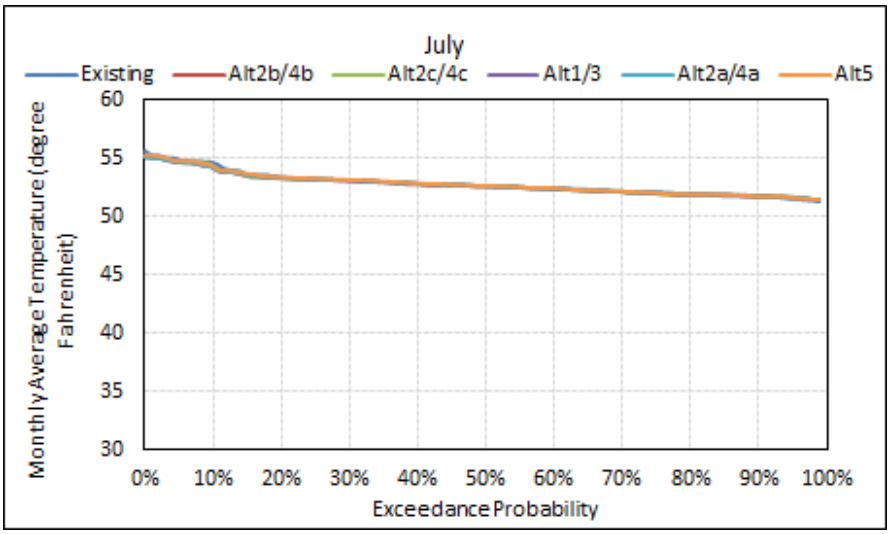
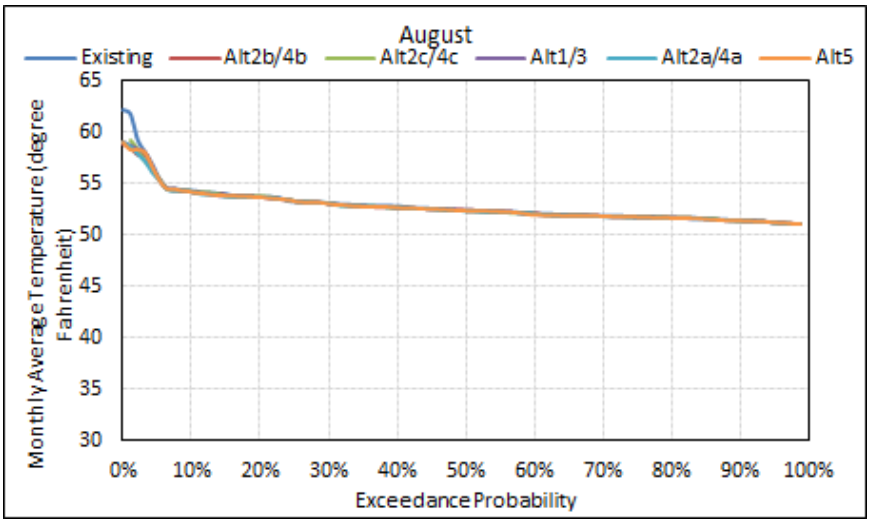


Figure 5A-D1.18.37-D. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





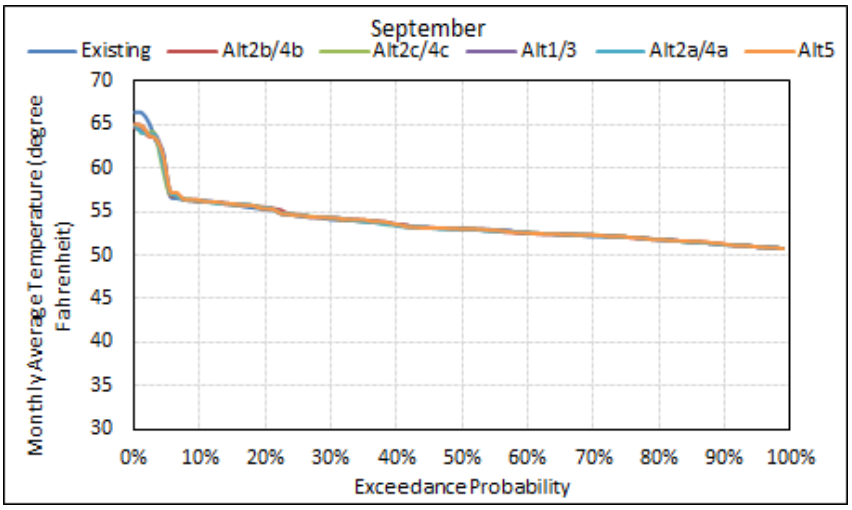


Figure 5A-D1.18.38. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

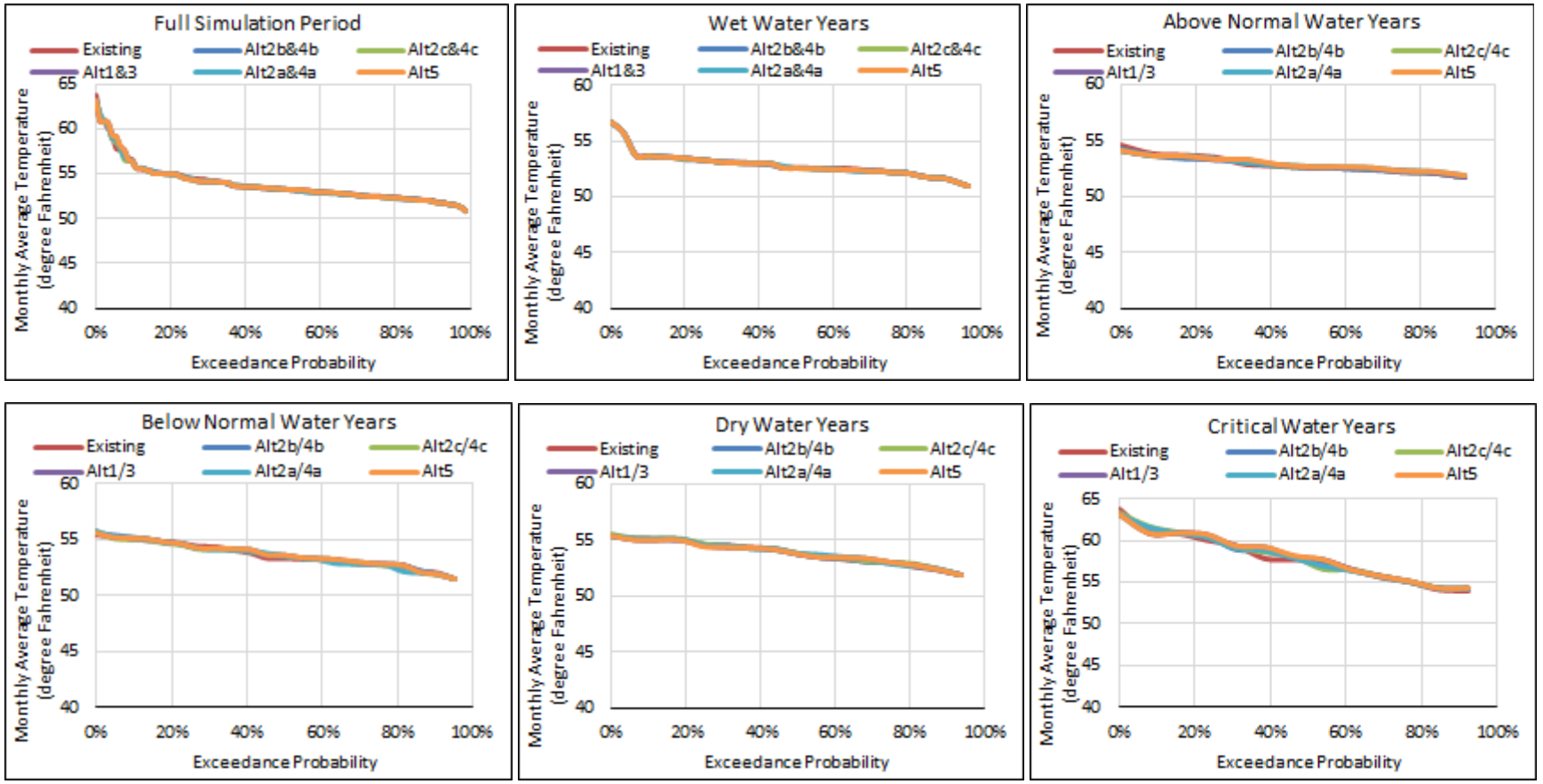


Figure 5A-D1.18.39. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

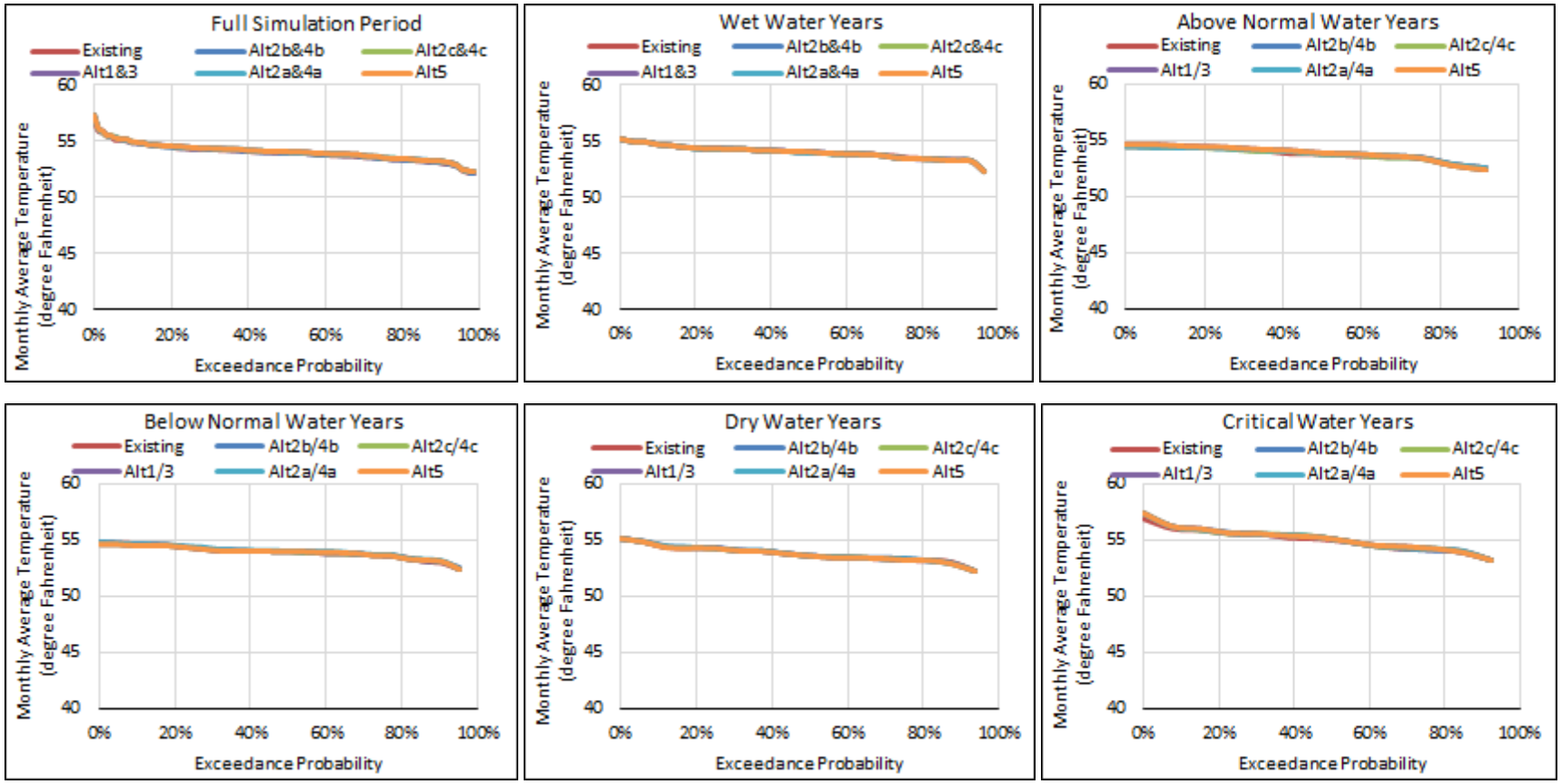


Figure 5A-D1.18.40. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

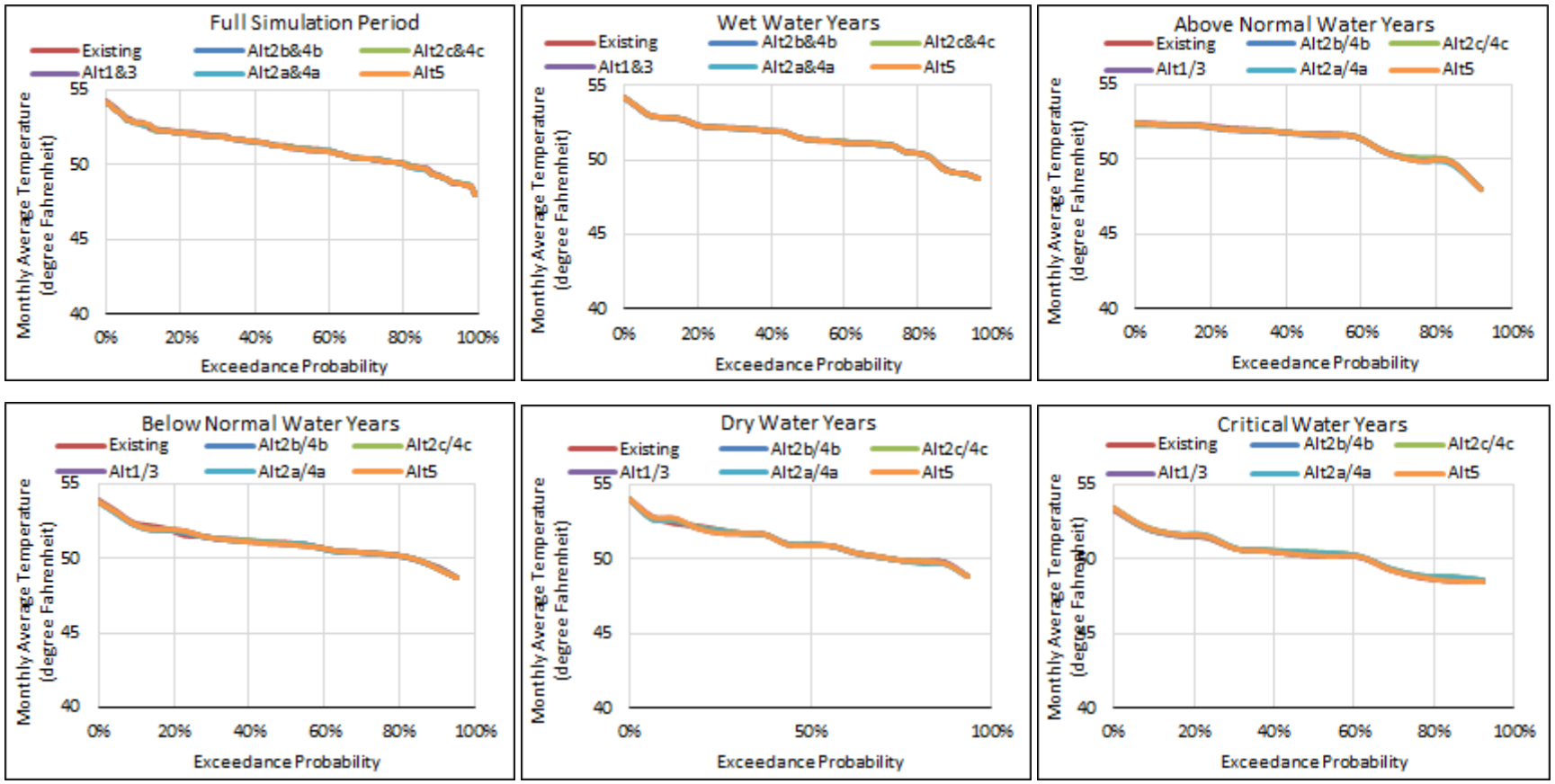


Figure 5A-D1.18.41. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

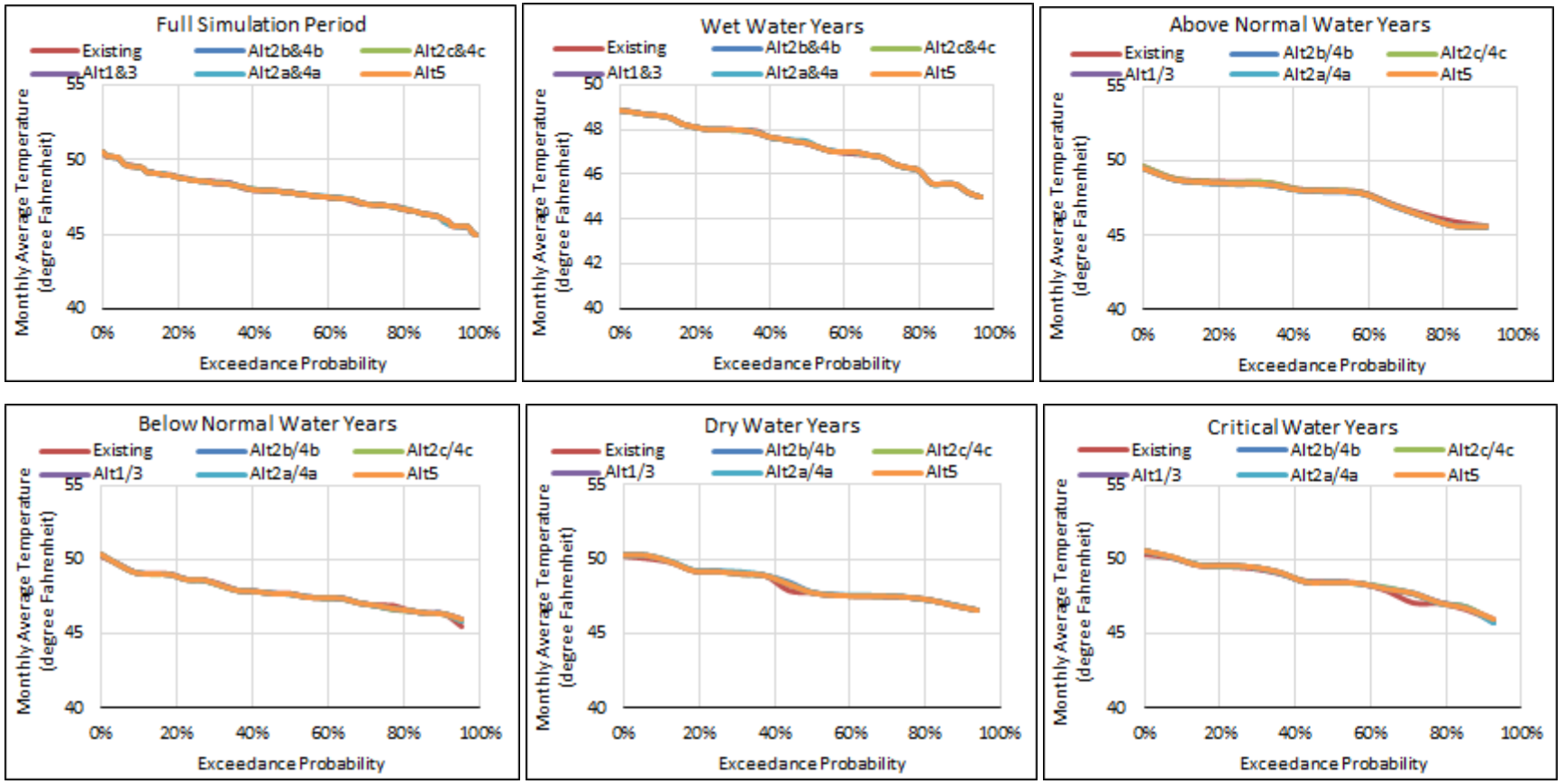


Figure 5A-D1.18.42. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

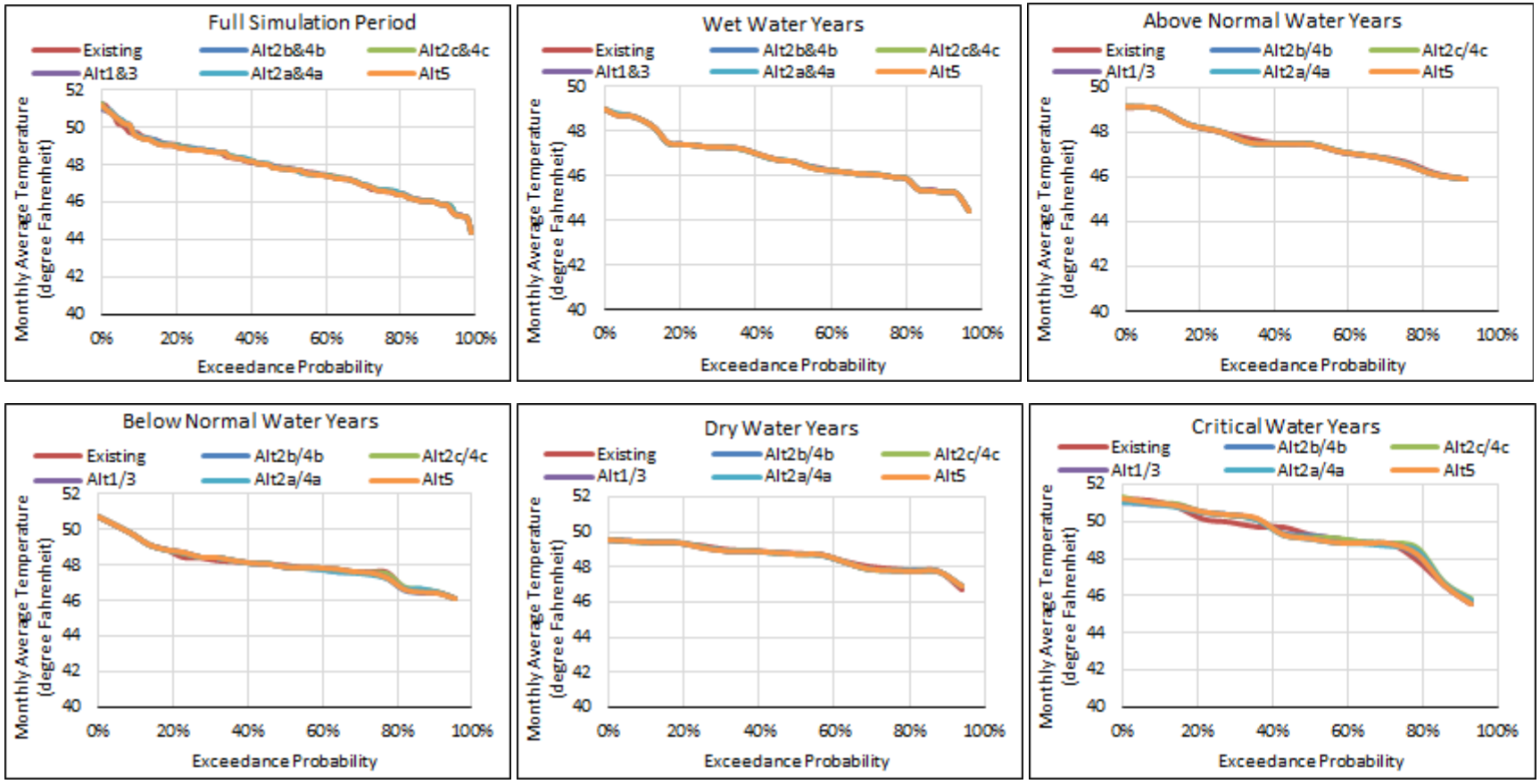


Figure 5A-D1.18.43. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

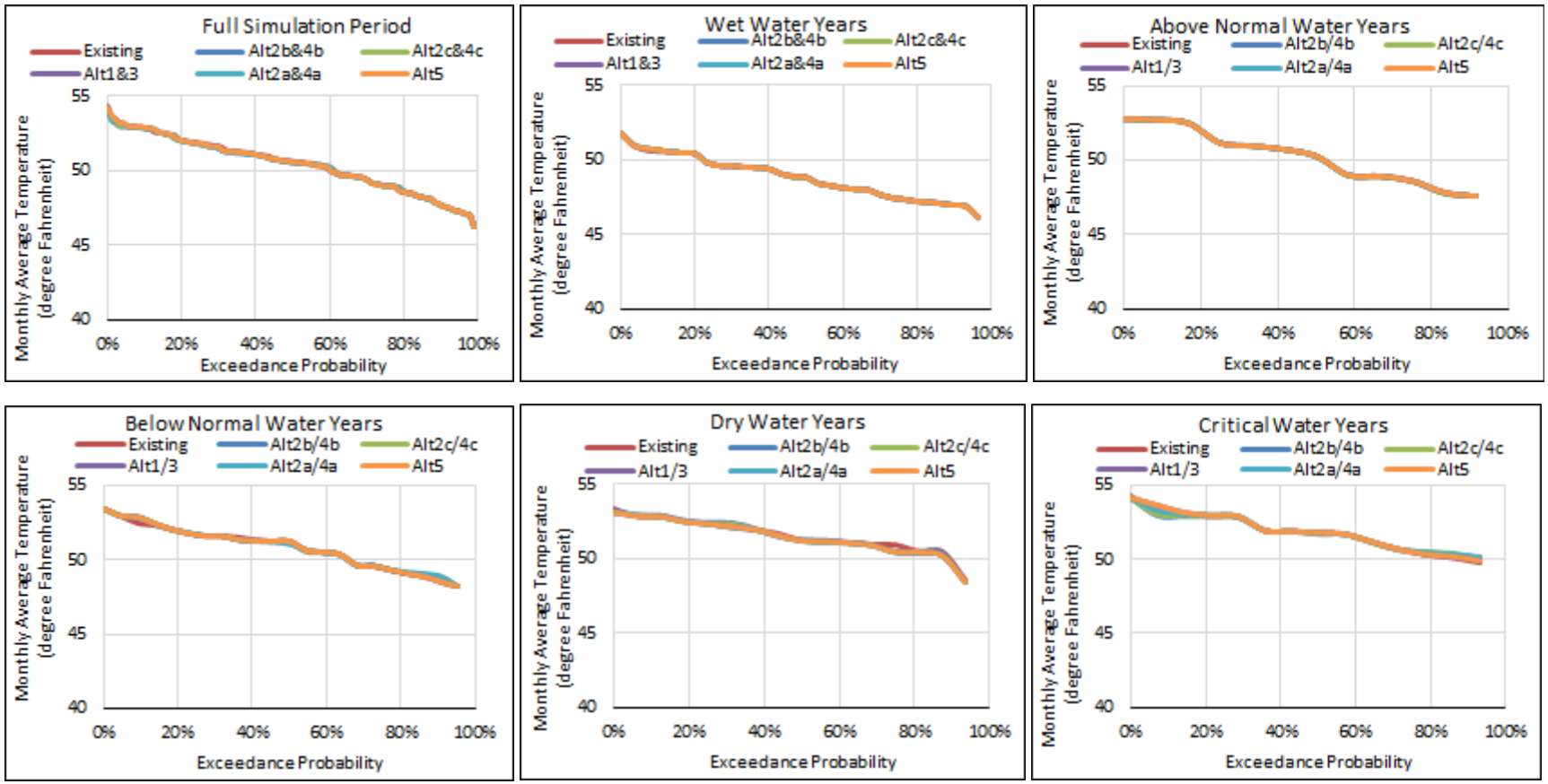


Figure 5A-D1.18.44. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

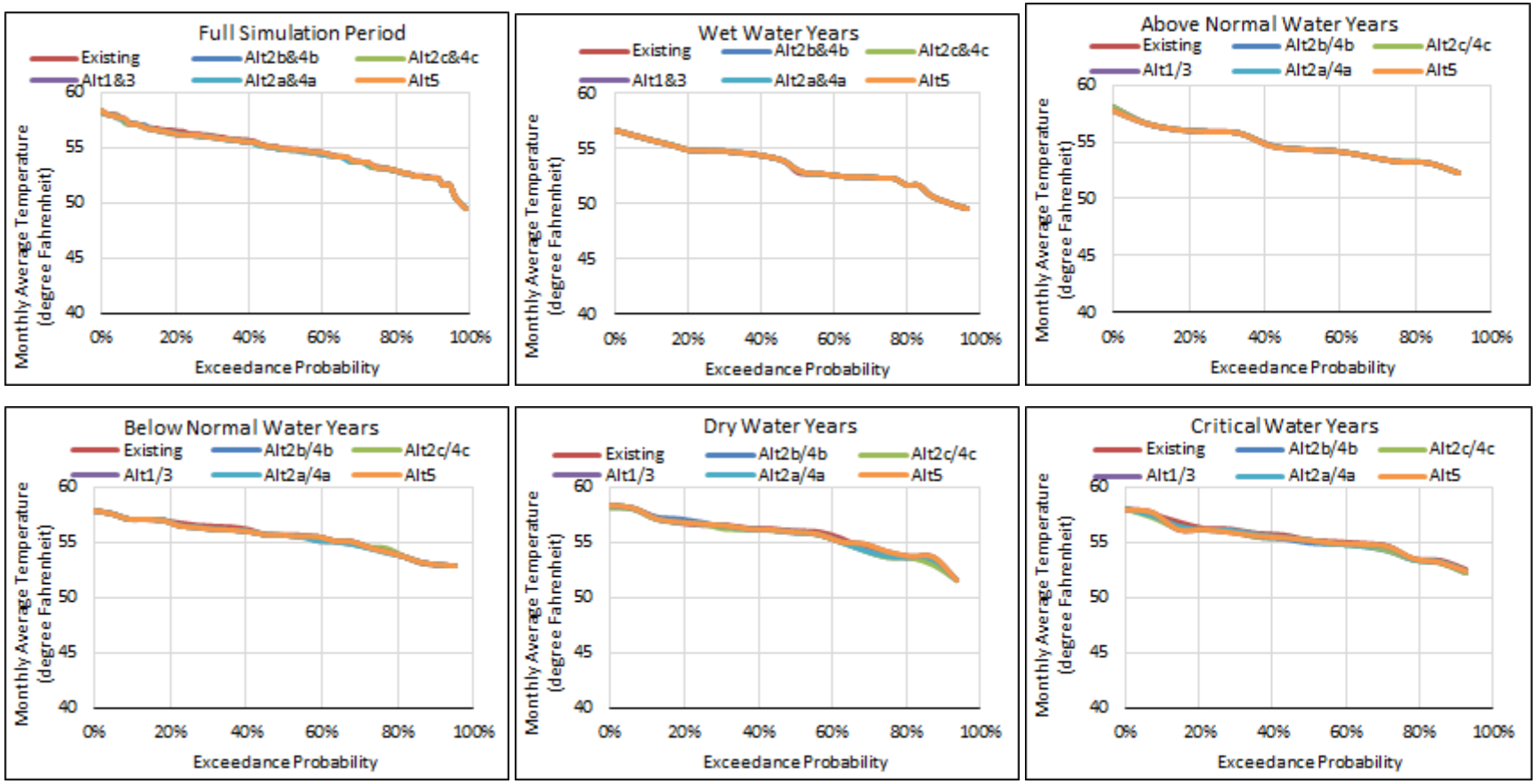


Figure 5A-D1.18.45. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

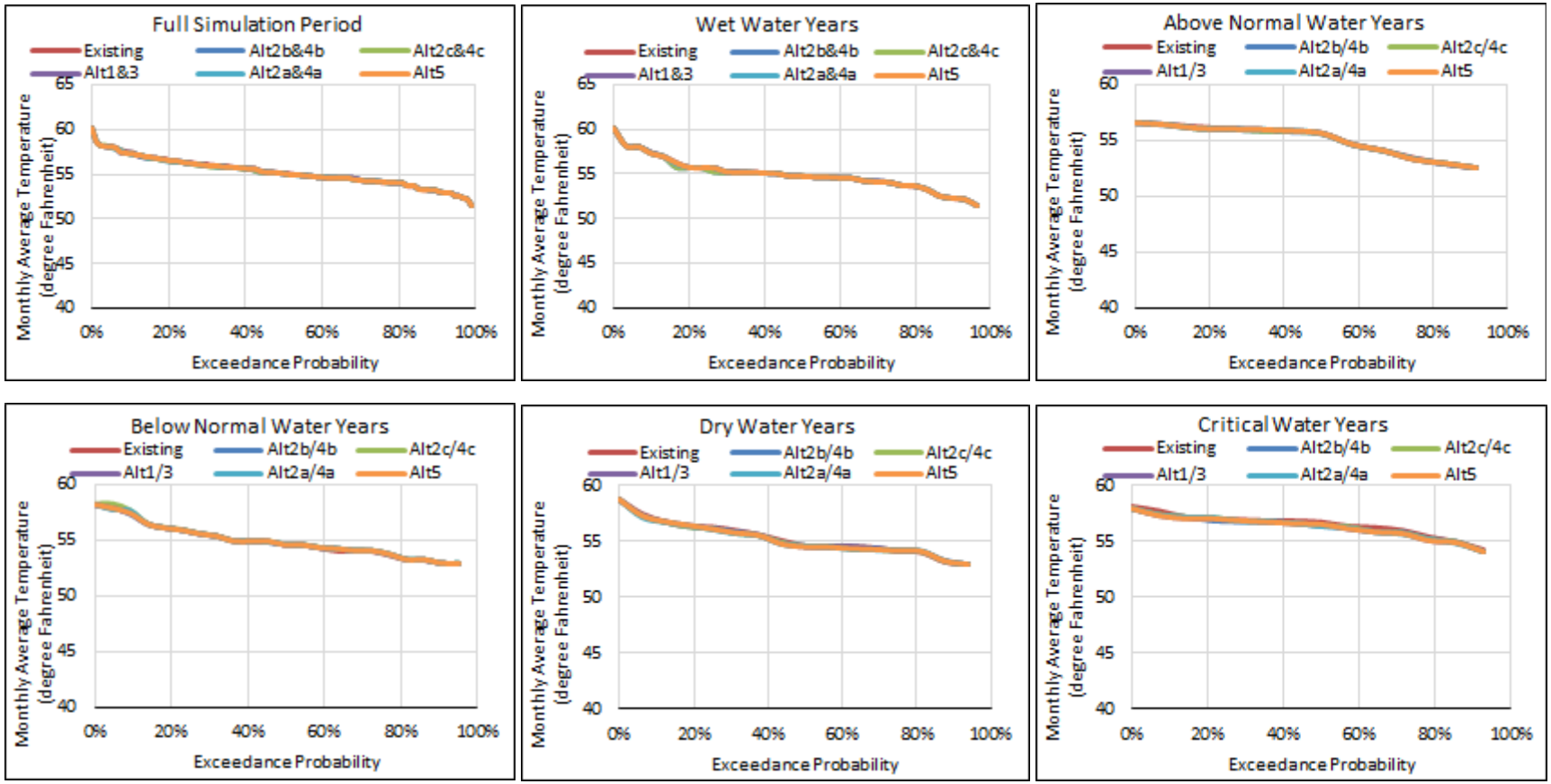


Figure 5A-D1.18.46. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

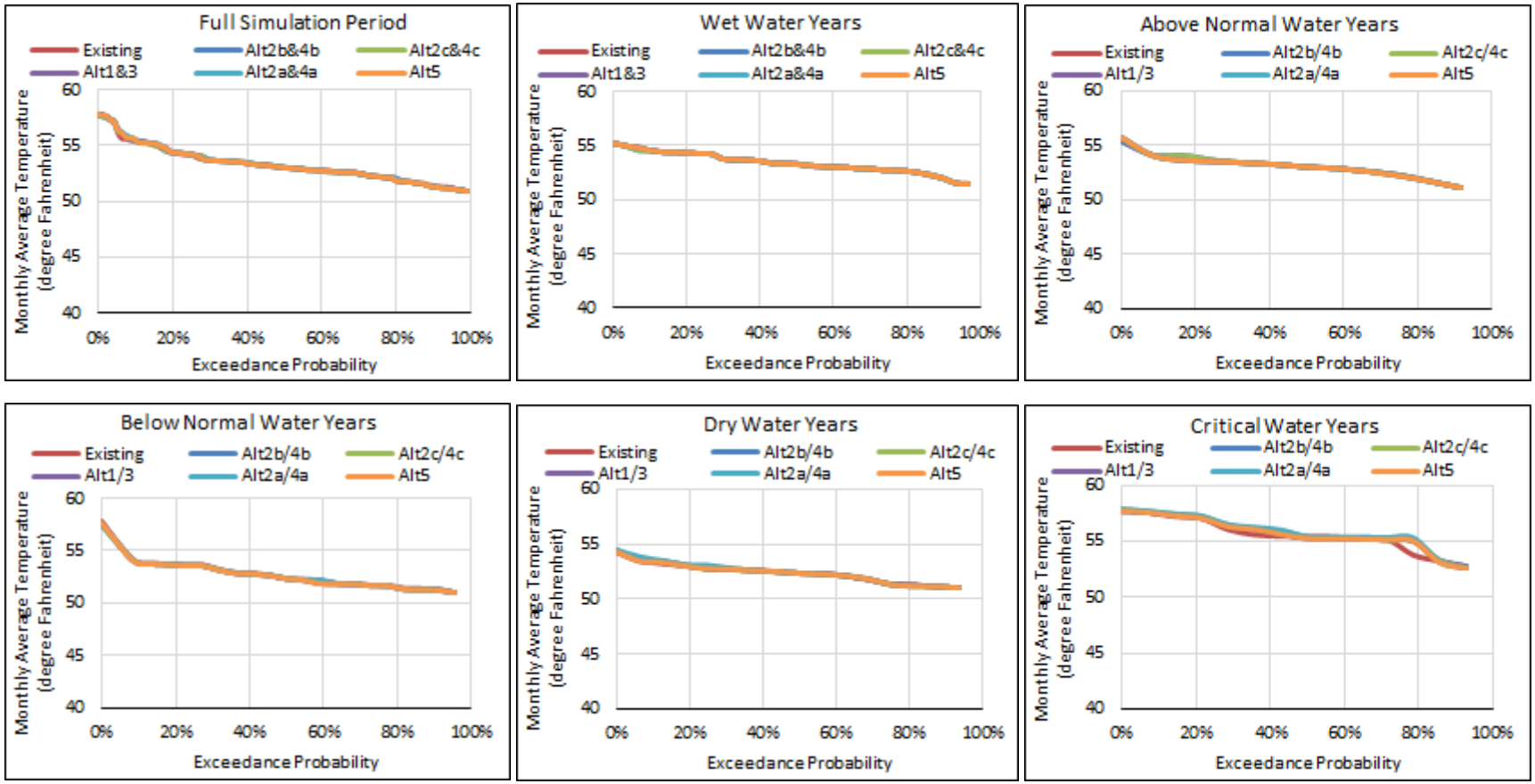


Figure 5A-D1.18.47. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

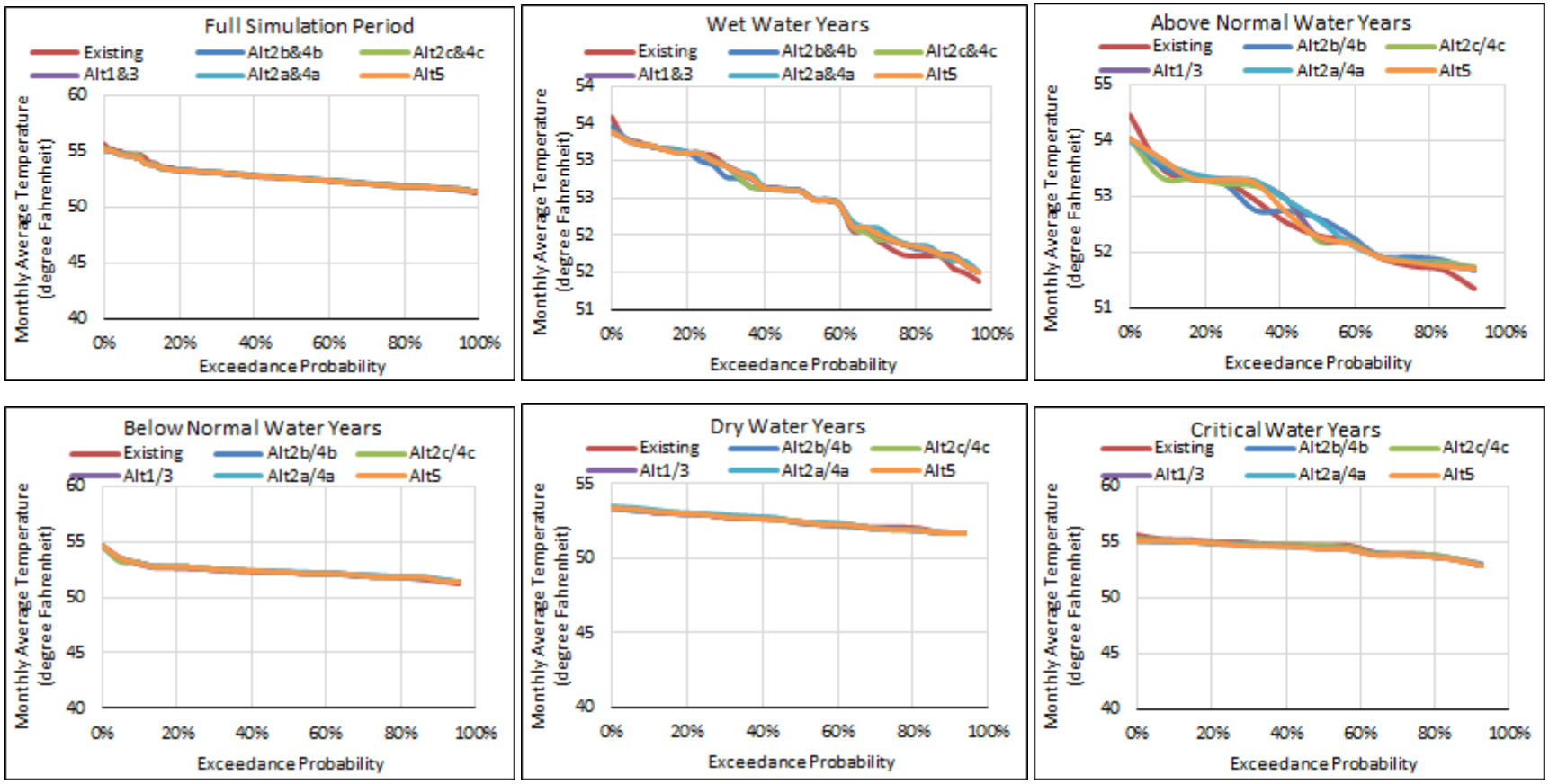


Figure 5A-D1.18.48. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

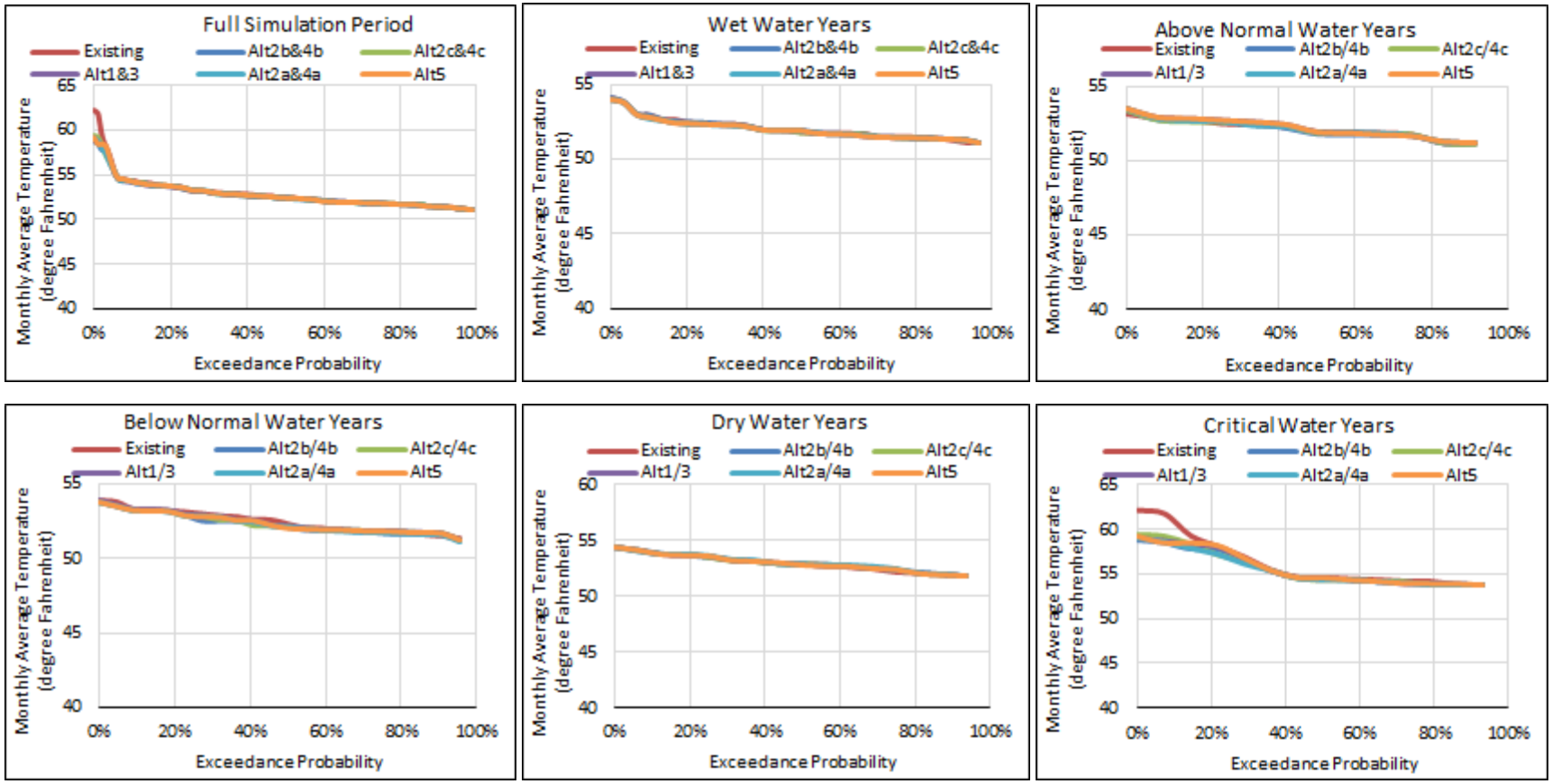
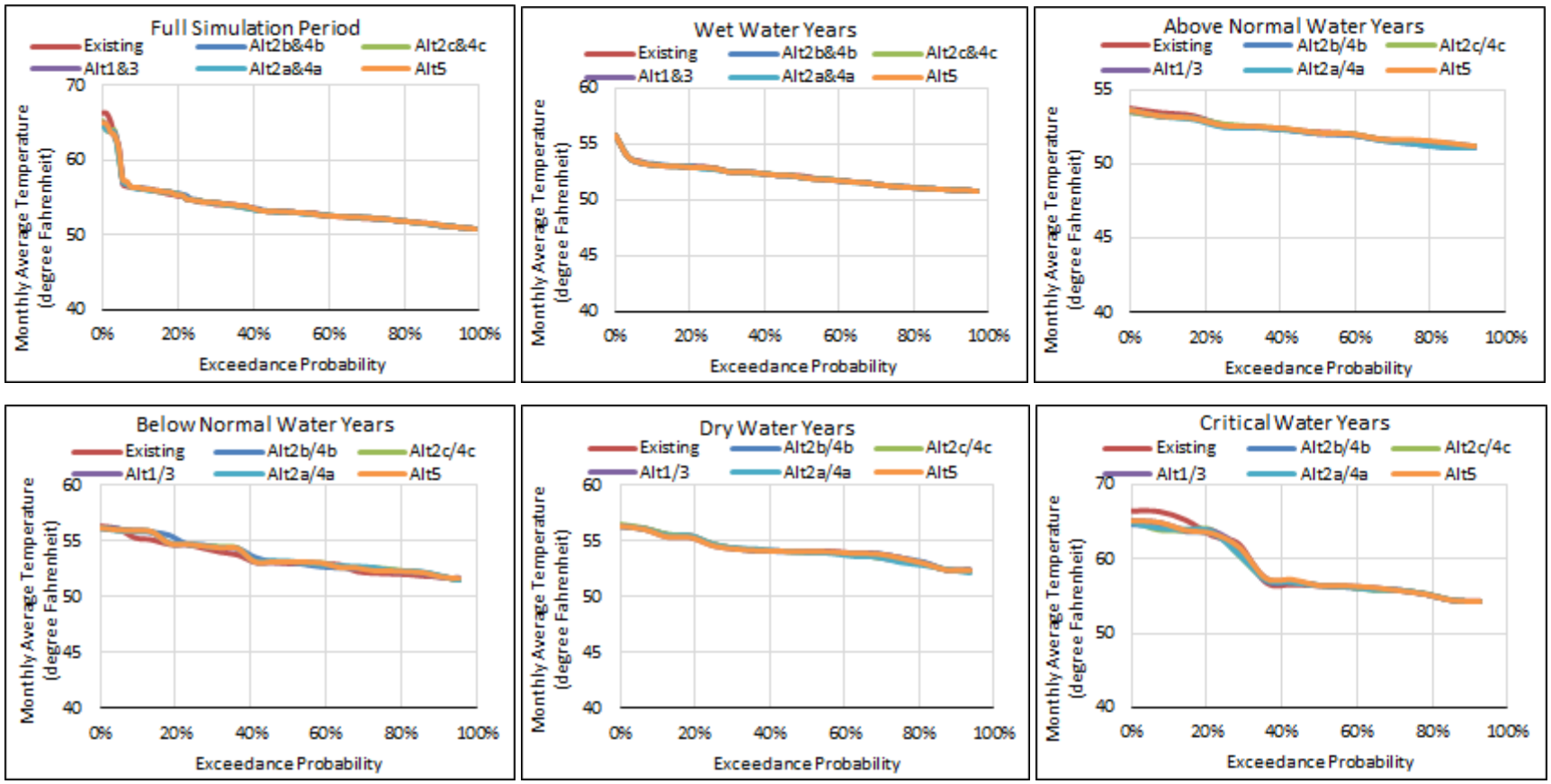


Figure 5A-D1.18.49. Sacramento River at Cow Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.19 Sacramento River at Glenn-Colusa Irrigation District (GCID)

Table 5A-D1.19.1-A. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.9	55.2	51.1	48.8	51.2	55.9	62.0	64.6	65.5	63.9	64.0	64.4
20%	59.2	54.5	50.1	48.2	50.1	55.1	61.0	63.9	64.4	63.0	62.5	63.0
30%	58.6	54.2	49.8	47.9	49.6	54.6	60.6	63.1	63.7	62.3	62.0	61.9
40%	57.9	53.9	49.6	47.6	49.3	53.8	60.1	62.6	63.1	61.3	61.5	60.8
50%	57.5	53.8	49.4	47.3	48.9	53.1	59.3	62.1	62.5	60.9	60.8	60.3
60%	57.1	53.6	49.2	47.1	48.7	52.6	58.4	61.7	61.8	60.3	60.4	59.8
70%	56.5	53.3	48.7	46.7	48.0	51.7	57.7	61.1	61.4	59.6	60.0	59.0
80%	56.2	53.0	48.5	46.3	47.5	50.8	56.5	60.5	60.5	59.2	59.5	58.4
90%	55.6	52.5	47.7	45.8	47.0	49.7	55.2	59.1	59.2	58.7	59.1	57.7

Table 5A-D1.19.1-B. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.8	53.8	49.4	47.3	49.0	53.0	58.8	62.0	62.6	61.1	61.3	60.8
Wet Water Years	56.4	53.6	49.7	46.9	47.8	51.0	56.7	61.6	63.5	61.0	60.3	58.5
Above Normal Water Years	56.6	53.5	49.2	47.1	48.4	52.4	58.4	61.8	62.9	61.2	60.5	59.1
Below Normal Water Years	58.0	53.8	49.3	47.1	49.3	53.4	59.8	61.8	61.9	60.3	60.6	61.0
Dry Water Years	58.2	53.5	49.5	47.6	49.5	54.4	60.1	62.4	60.7	60.3	61.3	62.1
Critical Water Years	61.1	54.7	48.8	48.4	51.0	55.3	60.7	63.1	63.5	63.4	64.8	65.2

Table 5A-D1.19.1-C. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.9	55.2	51.0	48.8	51.2	56.0	61.8	64.5	65.6	63.6	64.0	64.4
20%	59.4	54.6	50.1	48.2	50.1	54.9	60.8	63.8	64.6	62.9	62.7	63.2
30%	58.7	54.2	49.8	47.8	49.6	54.6	60.5	63.1	63.9	62.1	62.0	62.2
40%	58.0	53.9	49.6	47.6	49.3	53.8	60.0	62.7	63.2	61.6	61.4	60.9
50%	57.5	53.8	49.4	47.3	48.9	53.1	59.4	62.1	62.6	61.0	60.7	60.4
60%	57.0	53.6	49.3	47.1	48.7	52.6	58.3	61.7	61.9	60.3	60.4	59.8
70%	56.5	53.3	48.7	46.7	48.0	51.7	57.5	61.1	61.4	59.8	60.0	59.2
80%	56.1	53.0	48.4	46.3	47.5	50.7	56.4	60.5	60.5	59.3	59.4	58.3
90%	55.7	52.5	47.7	45.8	47.0	49.7	55.2	59.1	59.2	59.0	58.9	57.7

Table 5A-D1.19.1-D. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.8	53.8	49.4	47.3	49.0	53.0	58.8	62.0	62.6	61.1	61.1	60.9
Wet Water Years	56.3	53.6	49.7	46.9	47.8	51.0	56.7	61.6	63.5	61.0	60.4	58.5
Above Normal Water Years	56.6	53.5	49.3	47.1	48.4	52.4	58.4	61.8	62.9	61.3	60.5	59.1
Below Normal Water Years	58.1	53.8	49.3	47.1	49.3	53.4	59.8	61.8	61.9	60.5	60.4	61.4
Dry Water Years	58.2	53.5	49.4	47.6	49.5	54.3	60.1	62.4	60.8	60.3	61.3	62.2
Critical Water Years	61.1	54.7	48.8	48.4	51.0	55.3	60.6	62.9	63.6	63.3	64.4	64.9

Table 5A-D1.19.1-E. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.1	-0.3	-0.1	0.0
20%	0.2	0.0	0.0	0.0	0.1	-0.1	-0.2	0.0	0.3	-0.1	0.2	0.2
30%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.2	0.1	0.3
40%	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.3	0.0	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.1
60%	-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%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.2	0.0	0.2
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.2	0.0

Table 5A-D1.19.1-F. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.5	-0.3

Table 5A-D1.19.1-G. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.1%	-0.1%	0.0%	-0.1%	0.1%	-0.3%	-0.1%	0.1%	-0.5%	-0.1%	0.0%
20%	0.3%	0.1%	0.1%	-0.1%	0.1%	-0.2%	-0.3%	-0.1%	0.4%	-0.1%	0.3%	0.4%
30%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.3%	-0.3%	0.1%	0.4%
40%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.1%	0.1%	0.4%	-0.1%	0.2%
50%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.2%	0.1%	-0.1%	0.2%
60%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.1%	0.0%	0.3%	-0.1%	0.3%
80%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	-0.1%
90%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	-0.4%	0.0%

Table 5A-D1.19.1-H. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.4%	0.7%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.2%	-0.1%	-0.7%	-0.4%

Table 5A-D1.19.2-A. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.9	55.3	51.0	48.8	51.2	56.0	61.8	64.5	65.6	63.5	63.9	64.4
20%	59.3	54.5	50.1	48.2	50.1	54.9	60.8	63.8	64.6	62.9	62.6	63.1
30%	58.7	54.2	49.9	47.8	49.6	54.5	60.5	63.1	63.9	62.2	62.0	62.2
40%	58.2	53.9	49.7	47.6	49.2	53.8	60.0	62.7	63.2	61.5	61.5	60.9
50%	57.5	53.8	49.4	47.3	49.0	53.1	59.4	62.1	62.5	60.9	60.7	60.4
60%	57.0	53.6	49.2	47.1	48.7	52.6	58.3	61.6	61.8	60.3	60.4	59.8
70%	56.5	53.3	48.7	46.7	48.0	51.7	57.5	61.0	61.4	59.8	60.1	59.1
80%	56.0	52.9	48.4	46.3	47.5	50.7	56.4	60.5	60.5	59.3	59.5	58.3
90%	55.6	52.5	47.7	45.8	47.0	49.7	55.2	59.1	59.2	58.9	59.0	57.7

Table 5A-D1.19.2-B. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.8	53.8	49.4	47.3	49.0	53.0	58.8	62.0	62.6	61.1	61.2	60.8
Wet Water Years	56.3	53.6	49.7	46.9	47.8	51.0	56.7	61.6	63.5	61.1	60.4	58.5
Above Normal Water Years	56.7	53.5	49.2	47.1	48.4	52.5	58.4	61.8	62.9	61.2	60.6	59.1
Below Normal Water Years	58.1	53.8	49.3	47.1	49.3	53.4	59.8	61.8	61.9	60.5	60.4	61.4
Dry Water Years	58.2	53.5	49.4	47.6	49.5	54.3	60.1	62.4	60.8	60.2	61.4	62.1
Critical Water Years	61.1	54.7	48.9	48.4	51.0	55.3	60.6	63.0	63.5	63.3	64.3	64.9

Table 5A-D1.19.2-C. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	-0.3	-0.1	0.0
20%	0.0	0.0	0.0	0.0	0.1	-0.1	-0.2	-0.1	0.3	-0.1	0.1	0.1
30%	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.2	0.0	0.0	0.3
40%	0.3	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.2	0.0	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.2	0.0	0.1
80%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0

Table 5A-D1.19.2-D. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	-0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.5	-0.3

Table 5A-D1.19.2-E. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.1%	0.0%	0.1%	-0.1%	0.1%	-0.3%	-0.1%	0.1%	-0.5%	-0.1%	0.0%
20%	0.1%	0.1%	0.0%	-0.1%	0.1%	-0.2%	-0.3%	-0.1%	0.4%	-0.1%	0.1%	0.2%
30%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.2%	-0.1%	0.1%	0.4%
40%	0.5%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.3%	0.0%	0.0%	0.4%	0.0%	0.1%
50%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%	0.1%
60%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	-0.2%	0.0%
70%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.4%	-0.2%	0.0%	0.4%	0.1%	0.1%
80%	-0.3%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.3%	0.0%

Table 5A-D1.19.2-F. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%
Critical Water Years	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.1%	-0.2%	-0.7%	-0.4%

Table 5A-D1.19.3-A. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.9	55.3	51.1	48.8	51.1	56.0	61.8	64.5	65.5	63.9	64.0	64.3
20%	59.4	54.6	50.1	48.2	50.2	54.9	61.0	63.9	64.4	62.9	62.8	63.1
30%	58.7	54.3	49.8	47.8	49.6	54.5	60.5	63.1	63.9	62.2	62.0	62.2
40%	58.2	53.9	49.6	47.6	49.2	53.8	60.1	62.7	63.1	61.5	61.4	60.9
50%	57.5	53.8	49.4	47.3	49.0	53.1	59.4	62.1	62.5	60.9	60.7	60.5
60%	57.0	53.6	49.2	47.1	48.7	52.6	58.3	61.7	61.8	60.4	60.4	59.7
70%	56.5	53.3	48.7	46.7	48.0	51.7	57.5	61.0	61.3	59.9	60.0	59.1
80%	56.0	52.9	48.4	46.3	47.5	50.7	56.4	60.5	60.4	59.3	59.4	58.4
90%	55.6	52.5	47.7	45.8	47.0	49.7	55.2	59.1	59.2	58.9	58.9	57.7

Table 5A-D1.19.3-B. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.8	53.8	49.4	47.3	49.0	53.0	58.8	62.0	62.6	61.2	61.2	60.8
Wet Water Years	56.3	53.6	49.7	46.9	47.8	51.0	56.7	61.6	63.5	61.1	60.4	58.5
Above Normal Water Years	56.6	53.5	49.2	47.1	48.4	52.4	58.4	61.8	62.9	61.3	60.6	59.0
Below Normal Water Years	58.1	53.8	49.3	47.1	49.3	53.4	59.7	61.8	61.9	60.5	60.4	61.4
Dry Water Years	58.2	53.5	49.4	47.6	49.5	54.3	60.1	62.4	60.8	60.3	61.4	62.2
Critical Water Years	61.1	54.7	48.8	48.4	50.9	55.4	60.7	63.0	63.5	63.3	64.4	65.0

Table 5A-D1.19.3-C. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0	0.0
20%	0.2	0.1	0.0	0.0	0.1	-0.1	-0.1	0.0	0.0	-0.1	0.3	0.1
30%	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	-0.1	0.1	0.3
40%	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	0.2	0.0	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0

Table 5A-D1.19.3-D. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.1	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.0	0.1	0.0	0.0	-0.1	0.1	-0.1	-0.1	0.1	-0.1	-0.4	-0.2

Table 5A-D1.19.3-E. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.1%	0.1%	0.0%	-0.2%	0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%
20%	0.3%	0.1%	0.0%	-0.1%	0.1%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.4%	0.2%
30%	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.3%	-0.1%	0.1%	0.5%
40%	0.4%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.4%	-0.1%	0.2%
50%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.3%
60%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.2%	0.4%	0.0%	0.1%
80%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.0%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.3%	0.0%

Table 5A-D1.19.3-F. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%
Below Normal Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.2%	0.7%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.7%	-0.3%

Table 5A-D1.19.4-A. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.9	55.3	51.1	48.8	51.1	56.0	61.9	64.5	65.5	63.8	64.0	64.3
20%	59.4	54.5	50.1	48.2	50.1	54.9	61.0	63.8	64.6	63.0	62.4	63.1
30%	58.7	54.3	49.8	47.8	49.6	54.5	60.5	63.1	64.0	62.3	62.0	62.1
40%	58.2	54.0	49.6	47.6	49.2	53.8	59.9	62.7	63.2	61.7	61.6	60.8
50%	57.4	53.8	49.4	47.3	48.9	53.1	59.3	62.1	62.6	60.9	60.7	60.2
60%	57.0	53.6	49.3	47.1	48.7	52.6	58.3	61.7	62.0	60.5	60.4	59.7
70%	56.5	53.3	48.7	46.7	48.0	51.7	57.5	61.0	61.3	59.9	60.0	59.0
80%	56.1	53.0	48.4	46.3	47.5	50.7	56.4	60.5	60.5	59.4	59.4	58.3
90%	55.6	52.5	47.7	45.8	47.0	49.7	55.2	59.1	59.2	59.0	59.0	57.7

Table 5A-D1.19.4-B. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.8	53.8	49.4	47.3	49.0	53.0	58.8	62.0	62.6	61.2	61.2	60.8
Wet Water Years	56.3	53.6	49.7	46.9	47.8	51.0	56.7	61.6	63.5	61.1	60.3	58.5
Above Normal Water Years	56.6	53.5	49.2	47.1	48.4	52.4	58.4	61.8	62.9	61.4	60.5	59.0
Below Normal Water Years	58.0	53.8	49.3	47.1	49.2	53.4	59.7	61.8	61.9	60.6	60.4	61.3
Dry Water Years	58.2	53.5	49.5	47.6	49.5	54.3	60.1	62.4	60.9	60.4	61.5	62.0
Critical Water Years	61.1	54.7	48.8	48.4	50.9	55.4	60.7	63.0	63.6	63.3	64.3	64.9

Table 5A-D1.19.4-C. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1
20%	0.2	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.2	0.0	-0.1	0.1
30%	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	0.0	0.0	0.2
40%	0.2	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	0.4	0.1	0.0
50%	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
60%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	-0.1
70%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	0.3	0.0	-0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	-0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.2	0.0

Table 5A-D1.19.4-D. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	0.1	0.2	-0.2
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.1	0.0	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.19.4-E. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.1%	0.1%	0.1%	-0.2%	0.1%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	-0.1%
20%	0.3%	0.1%	0.0%	-0.1%	0.1%	-0.2%	-0.1%	-0.1%	0.3%	0.0%	-0.1%	0.2%
30%	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.4%	0.0%	0.1%	0.3%
40%	0.4%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.4%	0.1%	0.0%	0.6%	0.2%	0.1%
50%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%	-0.1%
60%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.3%	0.3%	0.0%	-0.2%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.2%	0.4%	0.0%	-0.1%
80%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.3%	-0.1%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	-0.3%	0.0%

Table 5A-D1.19.4-F. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.2%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	-0.2%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	-0.3%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.3%	0.2%	0.3%	-0.3%
Critical Water Years	0.0%	0.1%	0.1%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-0.9%	-0.4%

Table 5A-D1.19.5-A. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.9	55.3	51.1	48.8	51.1	56.0	61.8	64.5	65.5	63.9	64.0	64.3
20%	59.4	54.5	50.1	48.2	50.2	54.9	61.0	63.9	64.4	62.9	62.8	63.2
30%	58.7	54.3	49.8	47.8	49.6	54.5	60.5	63.1	63.9	62.1	62.1	62.2
40%	58.2	54.0	49.6	47.6	49.2	53.7	60.1	62.7	63.1	61.5	61.4	60.9
50%	57.5	53.8	49.4	47.3	49.0	53.1	59.4	62.1	62.5	60.9	60.7	60.4
60%	57.0	53.6	49.3	47.1	48.7	52.6	58.3	61.7	61.8	60.4	60.4	59.7
70%	56.5	53.3	48.7	46.7	48.0	51.7	57.5	61.0	61.3	59.9	60.0	59.2
80%	56.0	52.9	48.4	46.3	47.5	50.7	56.4	60.5	60.4	59.3	59.5	58.4
90%	55.6	52.5	47.7	45.8	47.0	49.7	55.2	59.1	59.2	58.9	58.9	57.7

Table 5A-D1.19.5-B. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.8	53.8	49.4	47.3	49.0	53.0	58.8	62.0	62.6	61.2	61.2	60.8
Wet Water Years	56.3	53.6	49.7	46.9	47.8	51.0	56.7	61.6	63.5	61.1	60.4	58.5
Above Normal Water Years	56.6	53.5	49.2	47.1	48.4	52.4	58.4	61.8	62.9	61.2	60.6	59.1
Below Normal Water Years	58.1	53.8	49.3	47.1	49.3	53.4	59.7	61.8	61.9	60.5	60.4	61.4
Dry Water Years	58.2	53.5	49.4	47.6	49.5	54.3	60.1	62.4	60.8	60.3	61.4	62.2
Critical Water Years	61.1	54.7	48.8	48.4	51.0	55.4	60.7	63.0	63.5	63.3	64.4	65.0

Table 5A-D1.19.5-C. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0	0.0
20%	0.2	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.0	-0.1	0.3	0.2
30%	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	-0.2	0.1	0.3
40%	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	0.3	0.0	0.2
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0

Table 5A-D1.19.5-D. Sacramento River at Glenn-Colusa Irrigation District (GCID), Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.19.5-E. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.1%	0.0%	-0.2%	0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%
20%	0.3%	0.1%	0.0%	-0.1%	0.1%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.4%	0.3%
30%	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.3%	-0.3%	0.1%	0.5%
40%	0.4%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.4%	-0.1%	0.1%
50%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	-0.2%	0.3%
60%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.2%	0.4%	0.0%	0.4%
80%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.0%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.3%	0.0%

Table 5A-D1.19.5-F. Sacramento River at Glenn-Colusa Irrigation District (GCID), Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%
Below Normal Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.7%	-0.3%

Figure 5A-D1.19.1. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

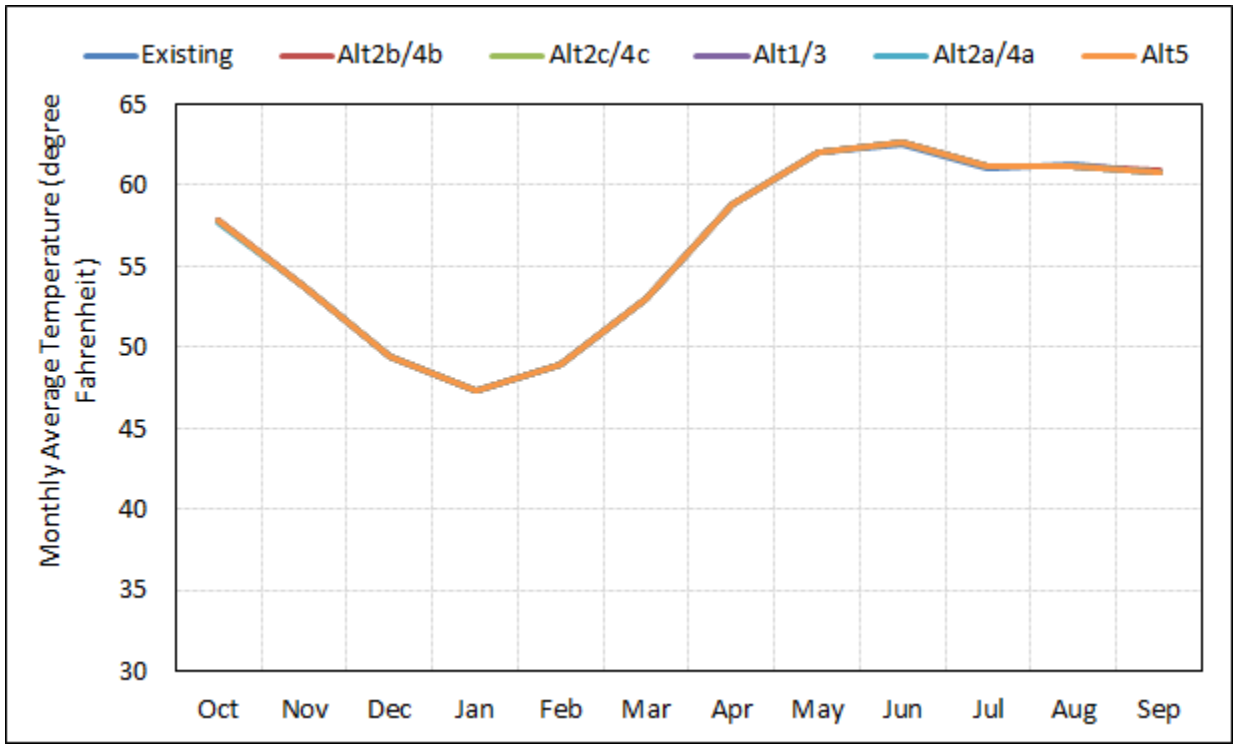


Figure 5A-D1.19.2. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

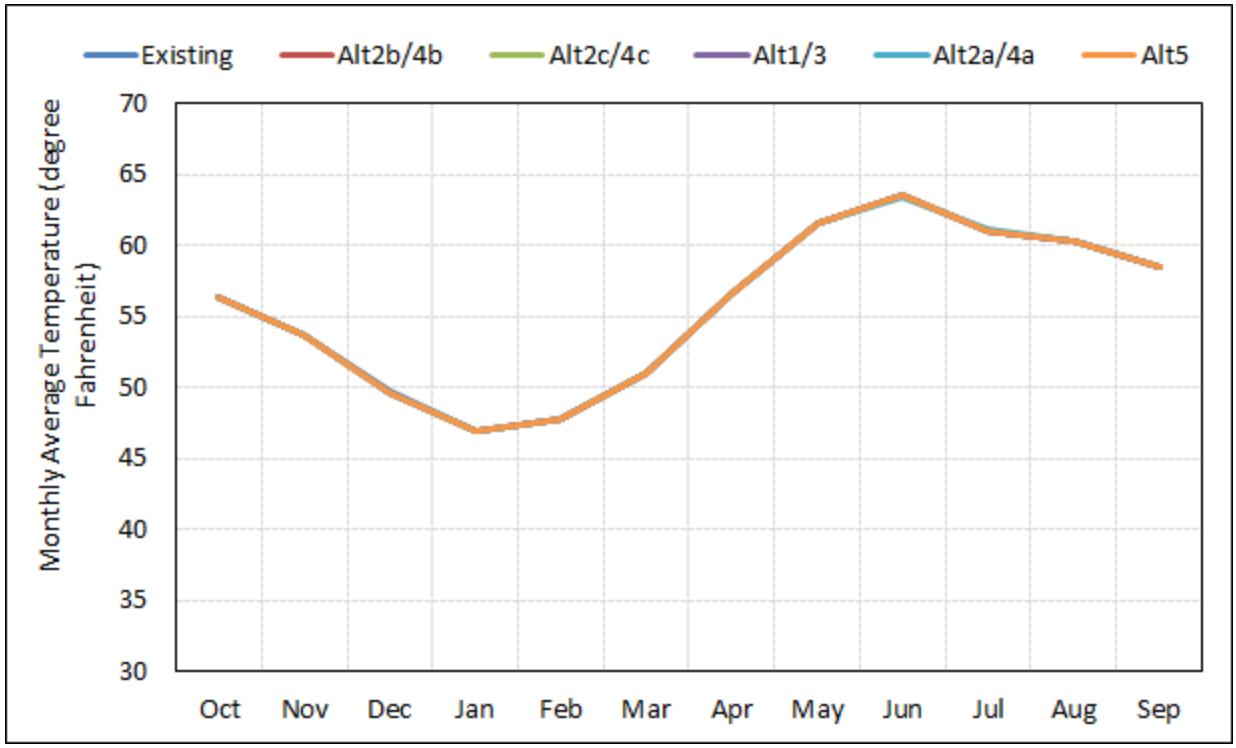


Figure 5A-D1.19.3. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

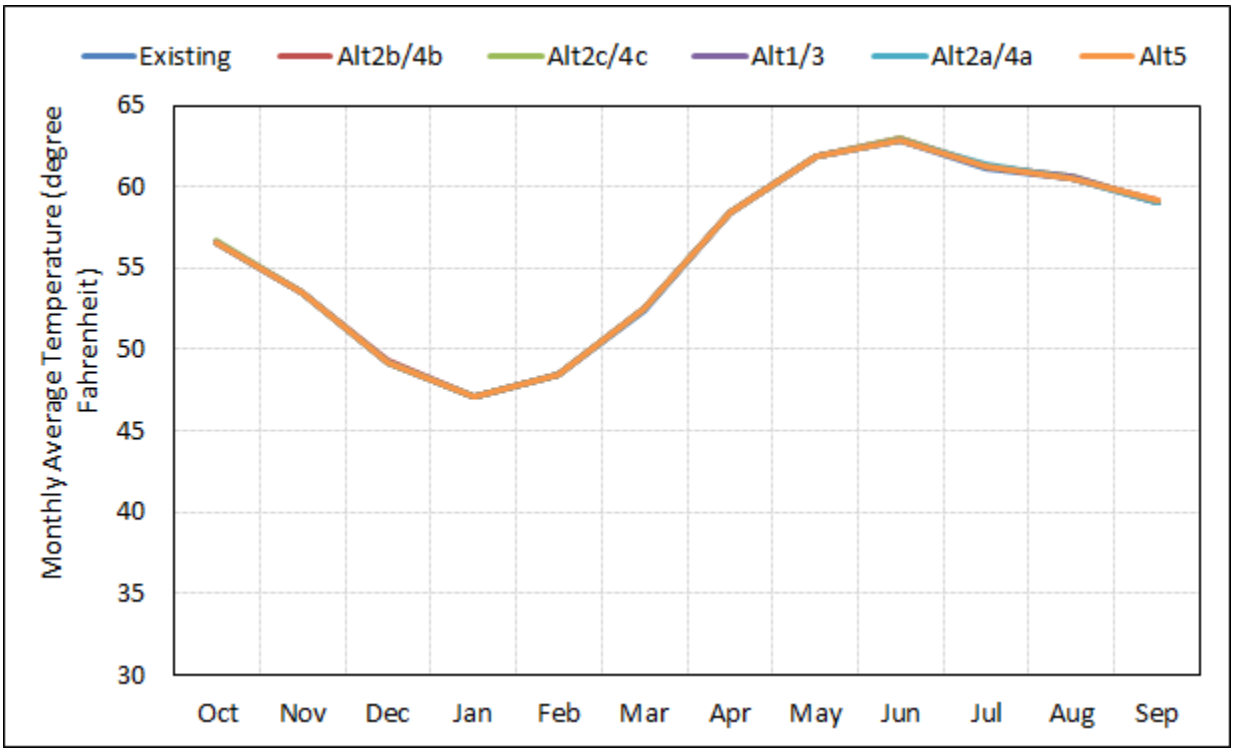


Figure 5A-D1.19.4. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

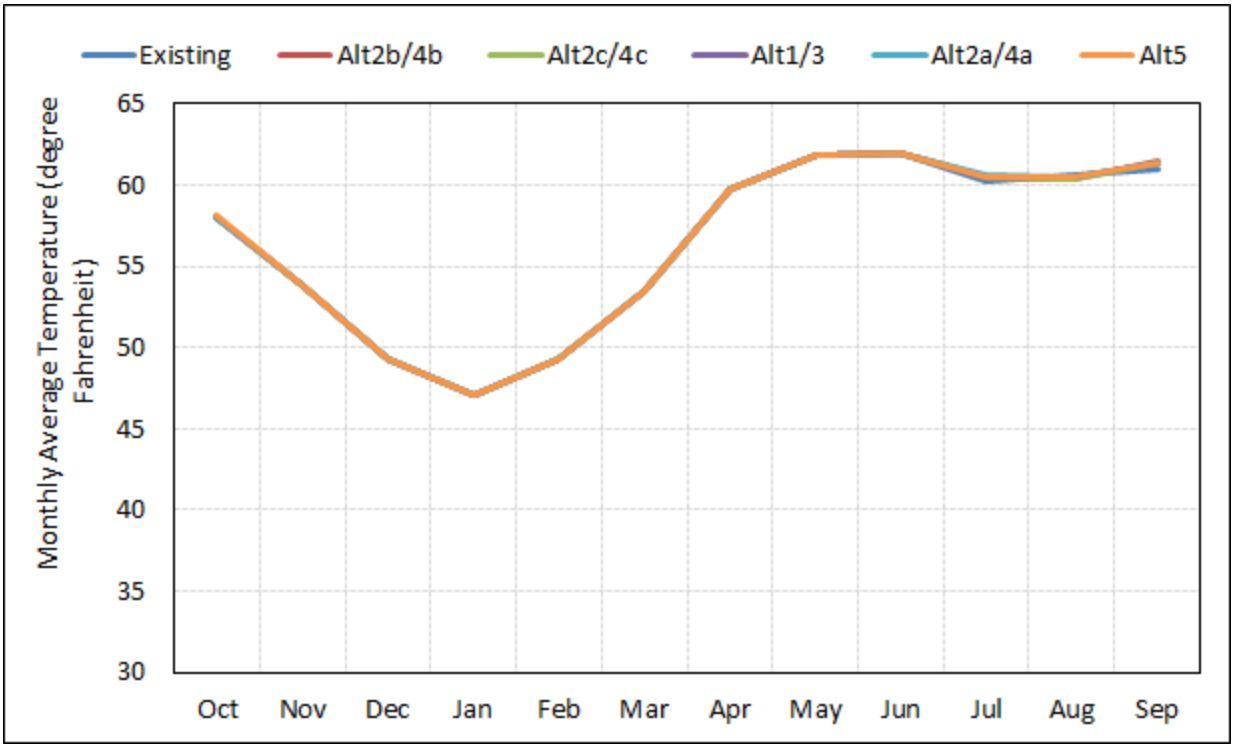


Figure 5A-D1.19.5. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

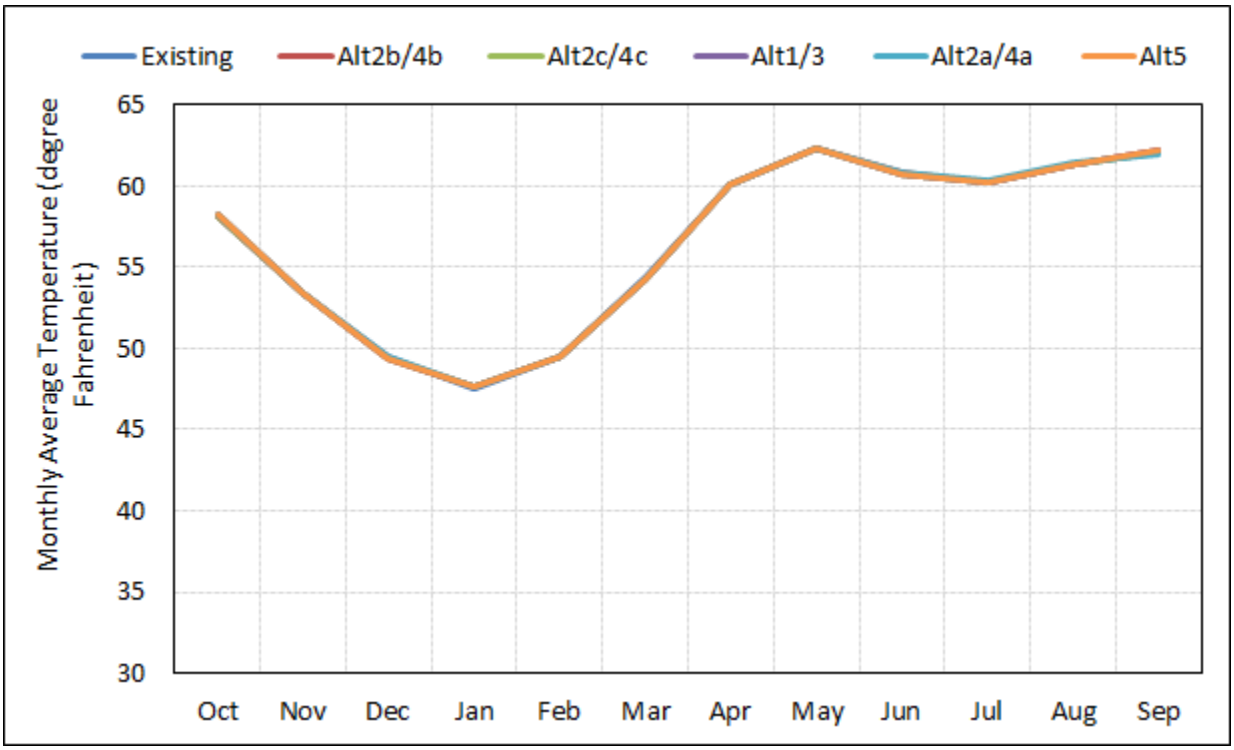


Figure 5A-D1.19.6. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

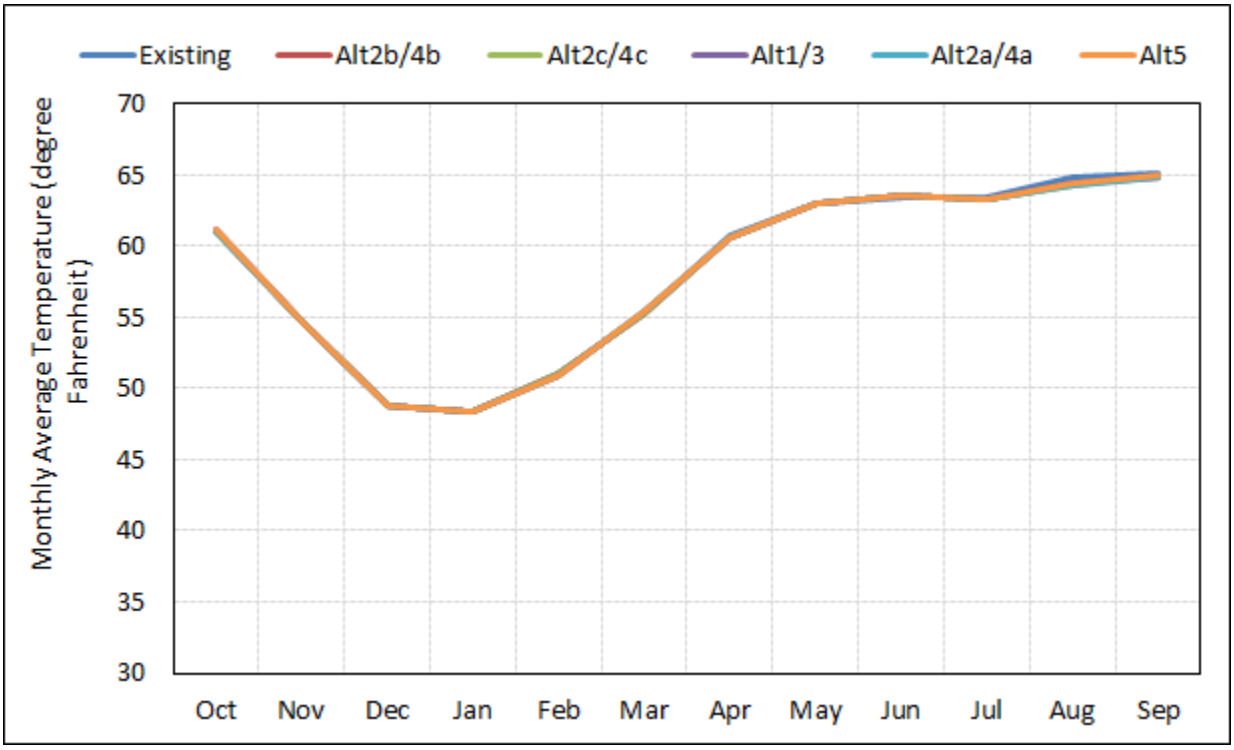


Figure 5A-D1.19.7. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

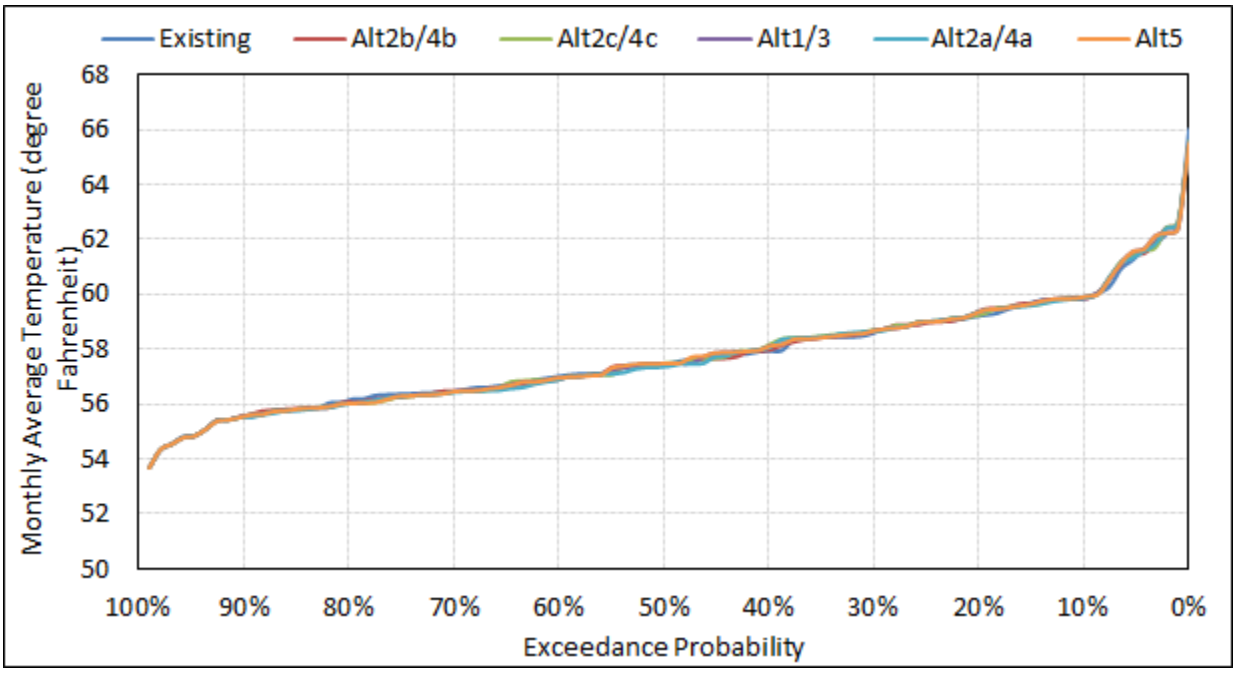


Figure 5A-D1.19.8. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

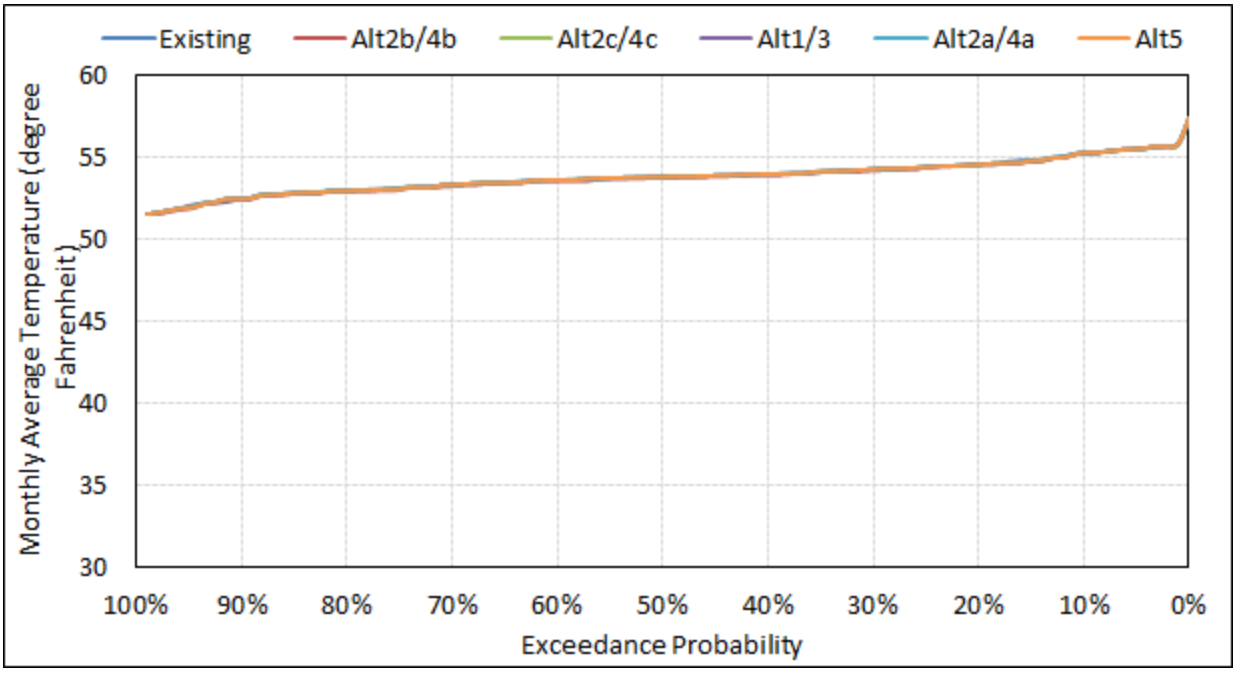


Figure 5A-D1.19.9. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

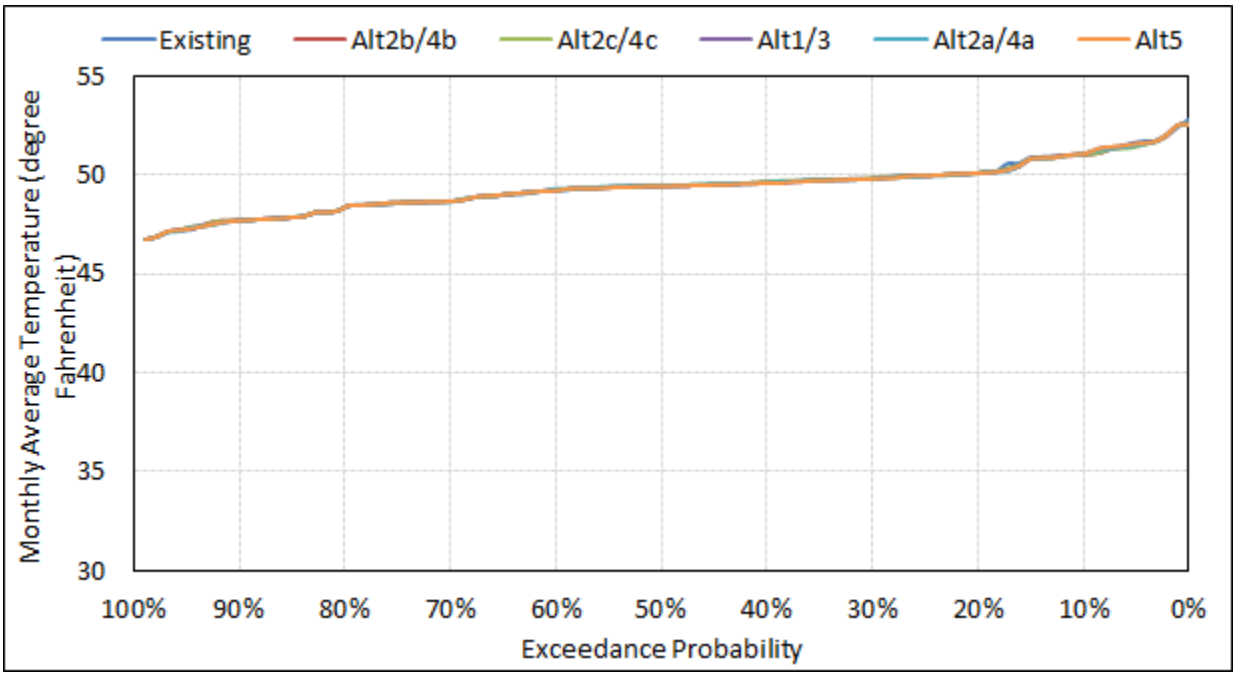


Figure 5A-D1.19.10. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

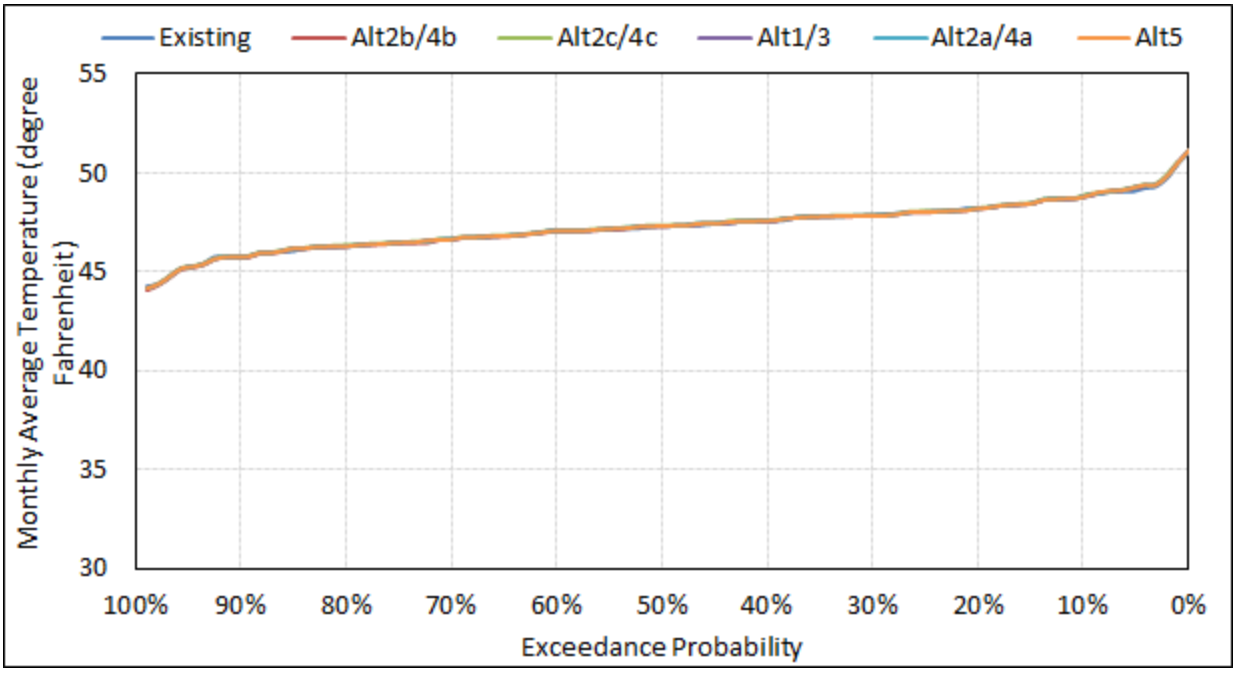


Figure 5A-D1.19.11. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

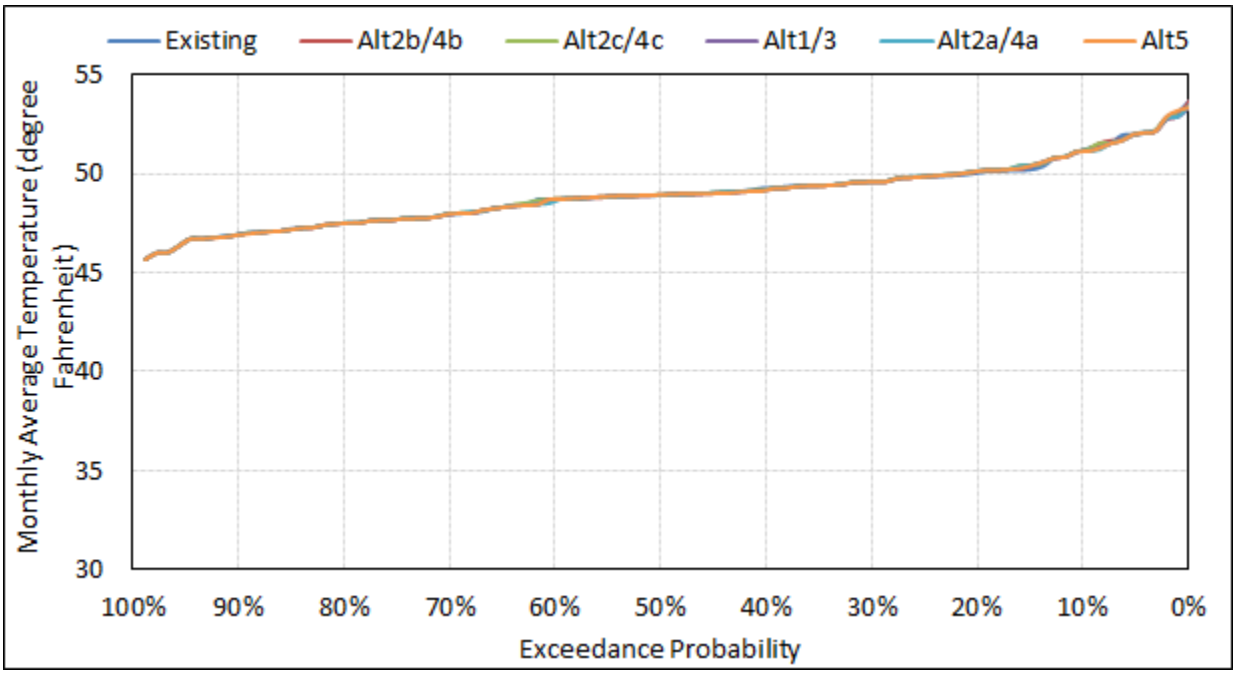


Figure 5A-D1.19.12. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

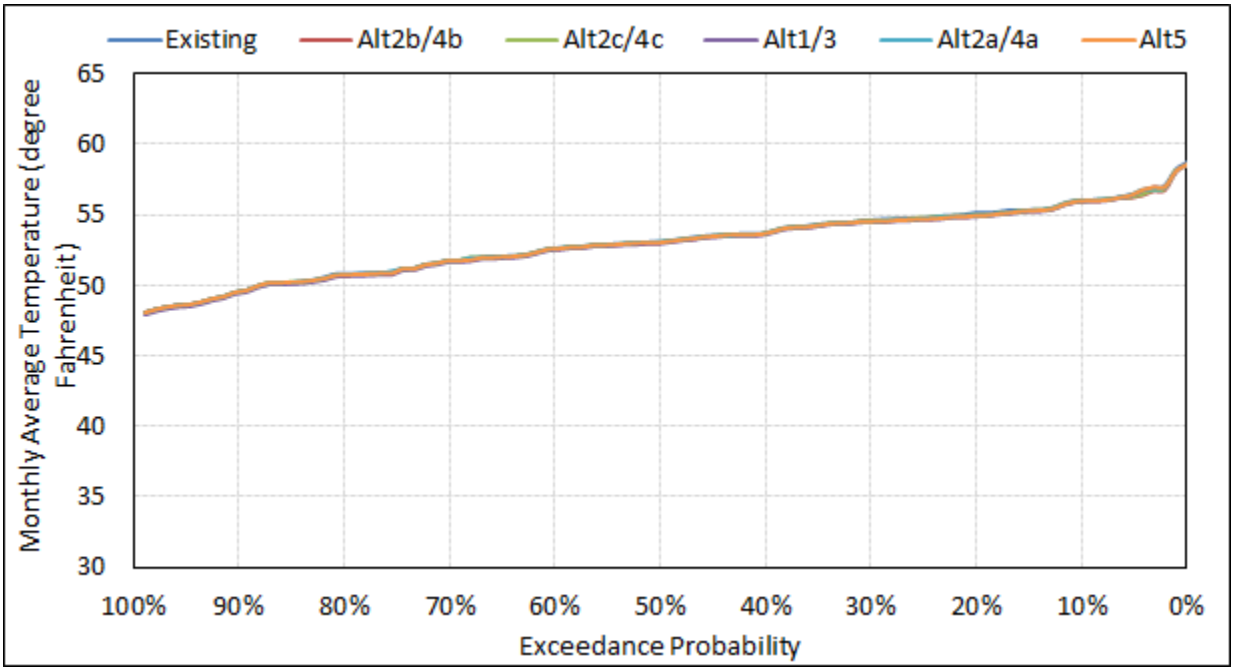


Figure 5A-D1.19.13. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

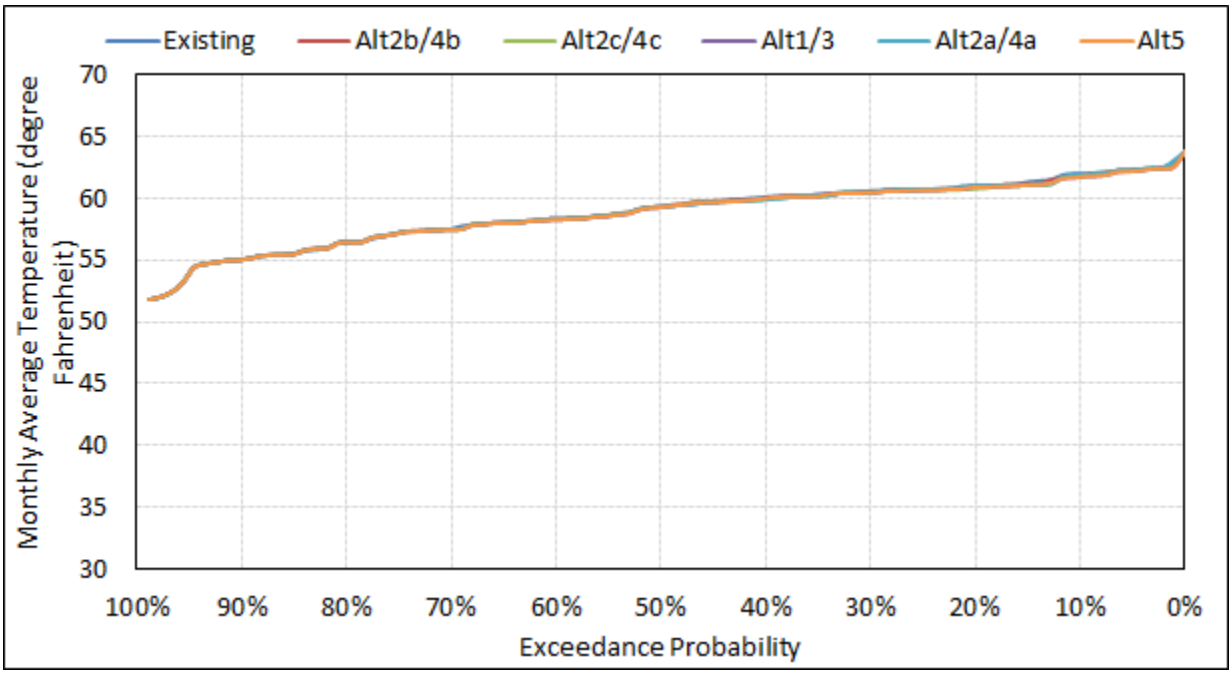


Figure 5A-D1.19.14. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

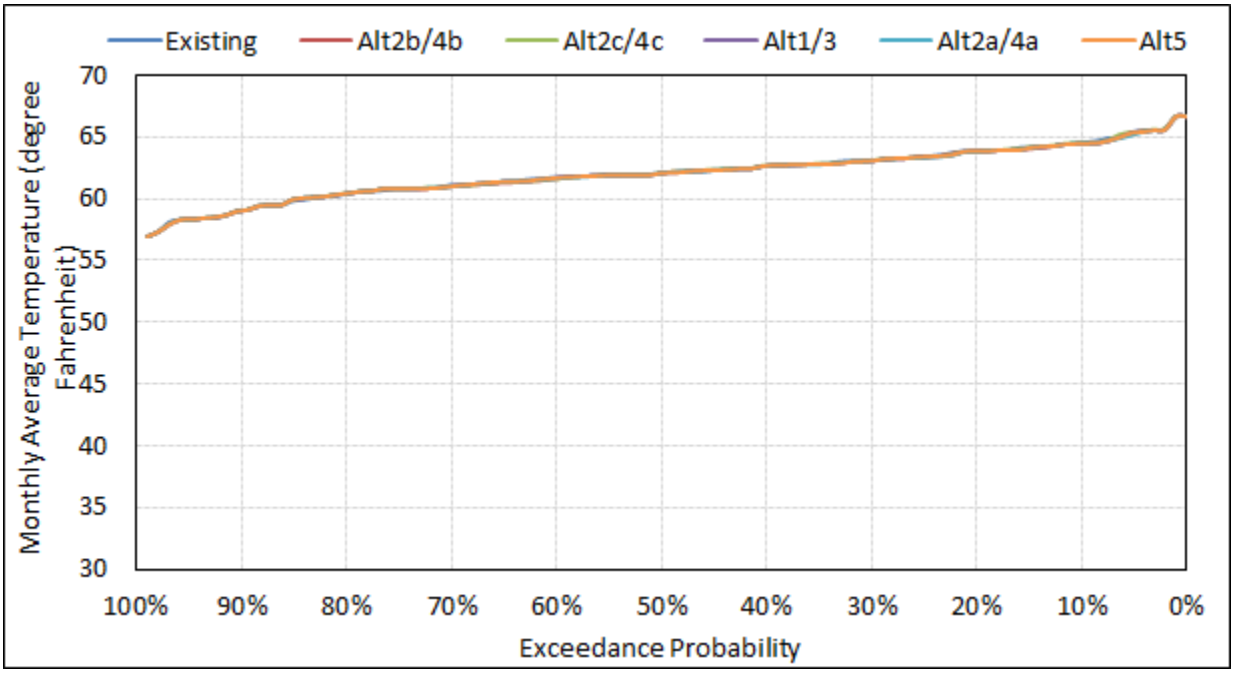


Figure 5A-D1.19.15. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

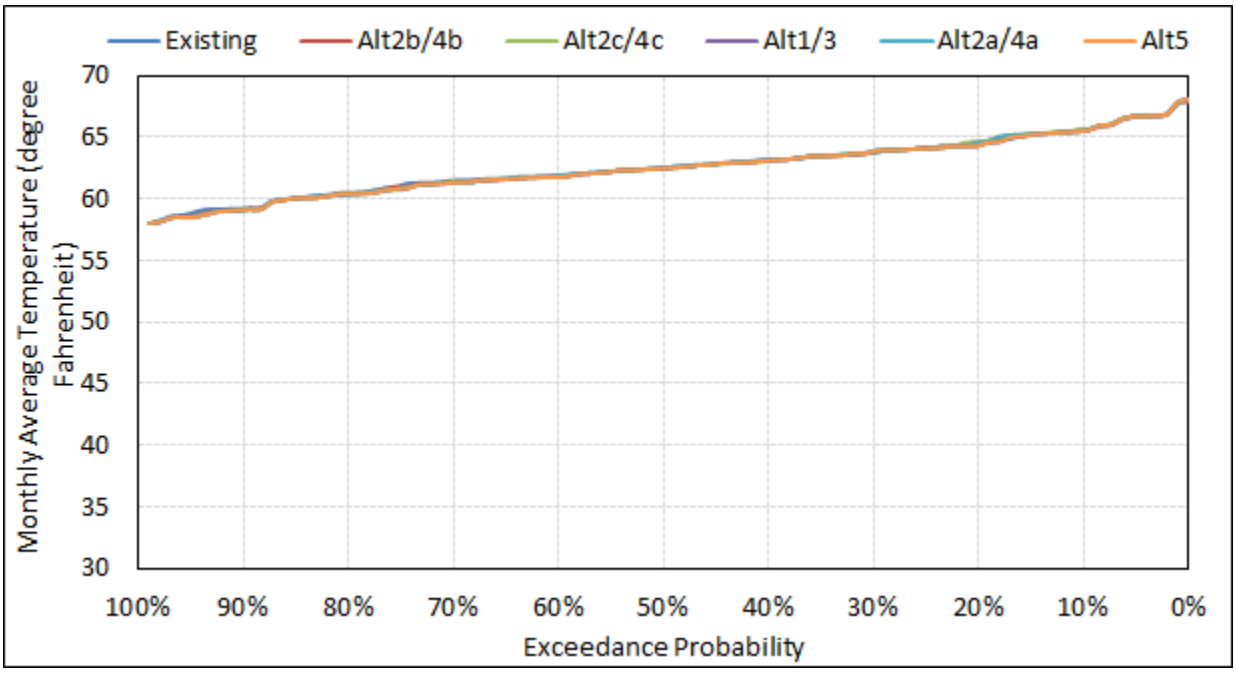


Figure 5A-D1.19.16. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

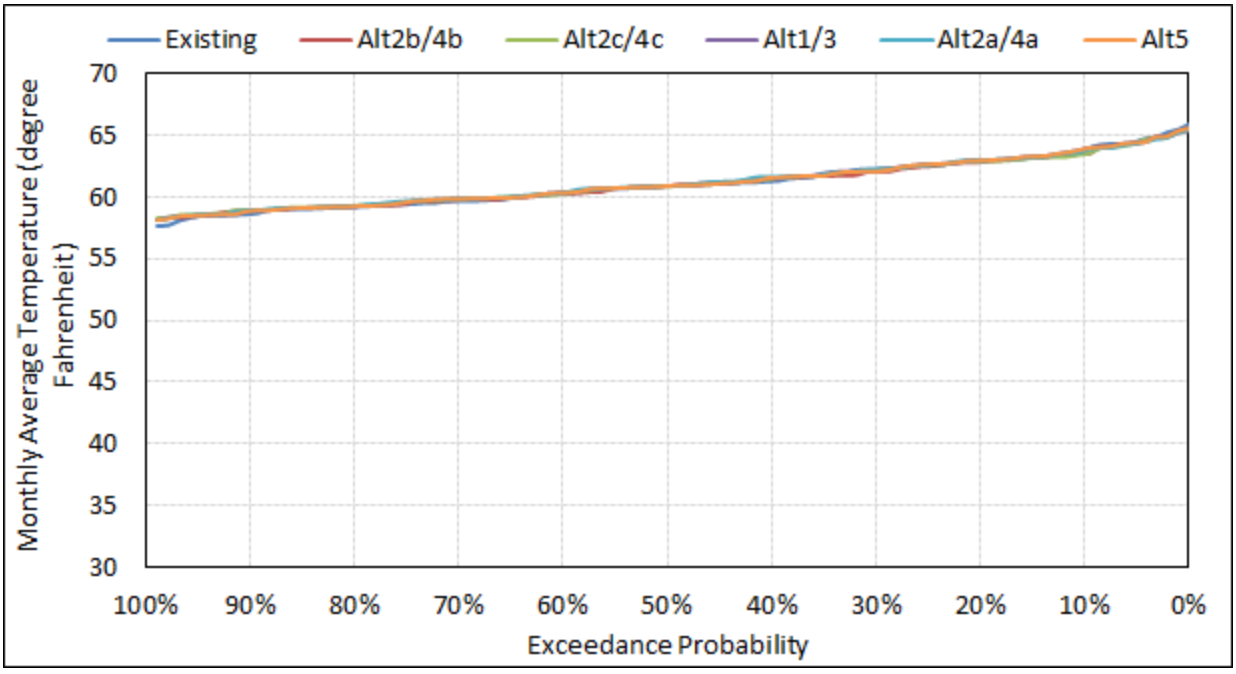


Figure 5A-D1.19.17. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

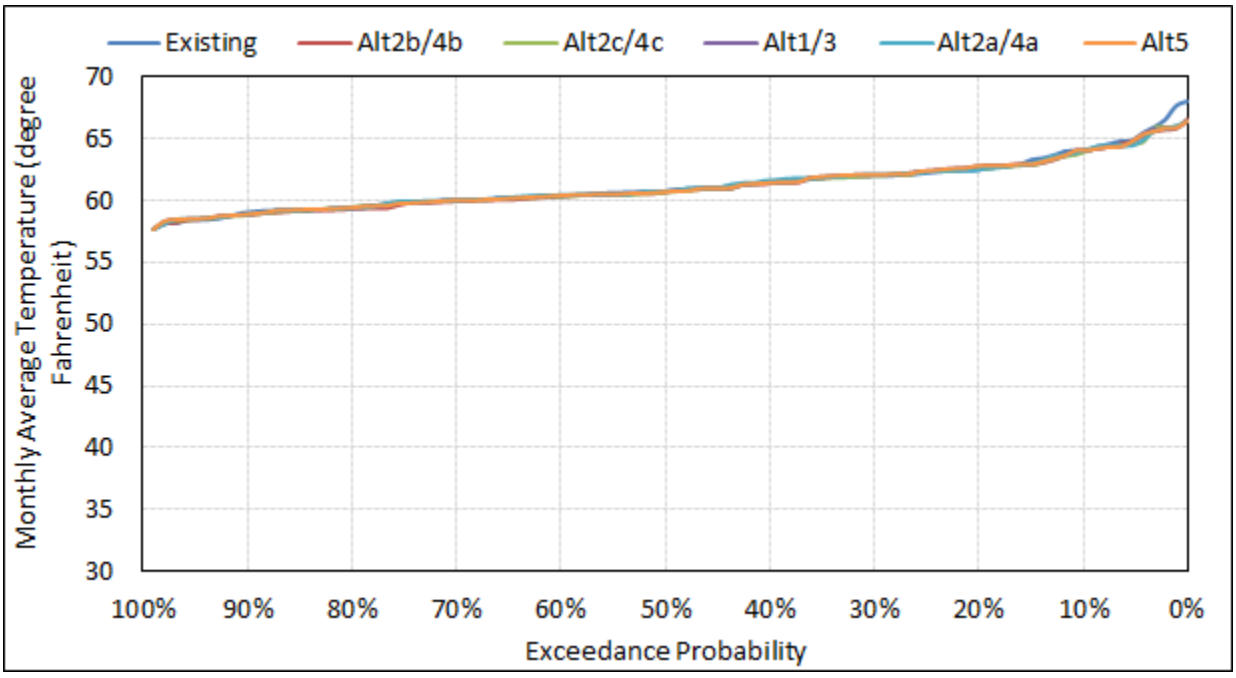


Figure 5A-D1.19.18. Sacramento River at Glenn-Colusa Irrigation District (GCID), Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

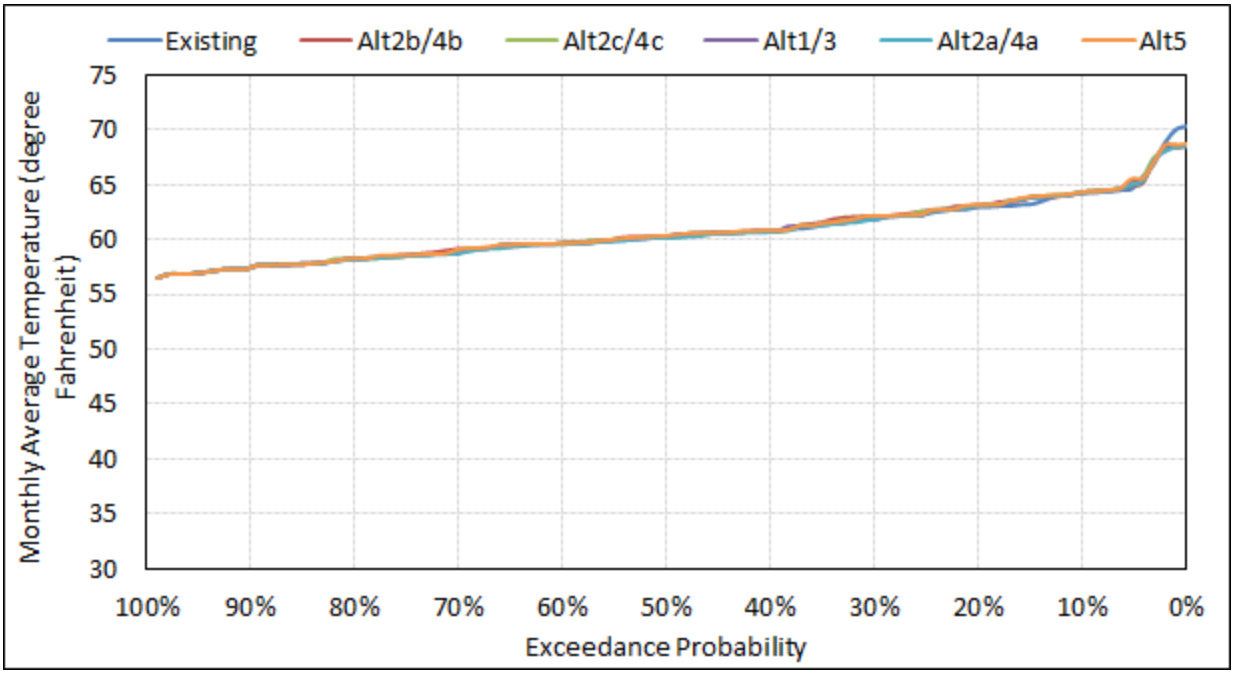
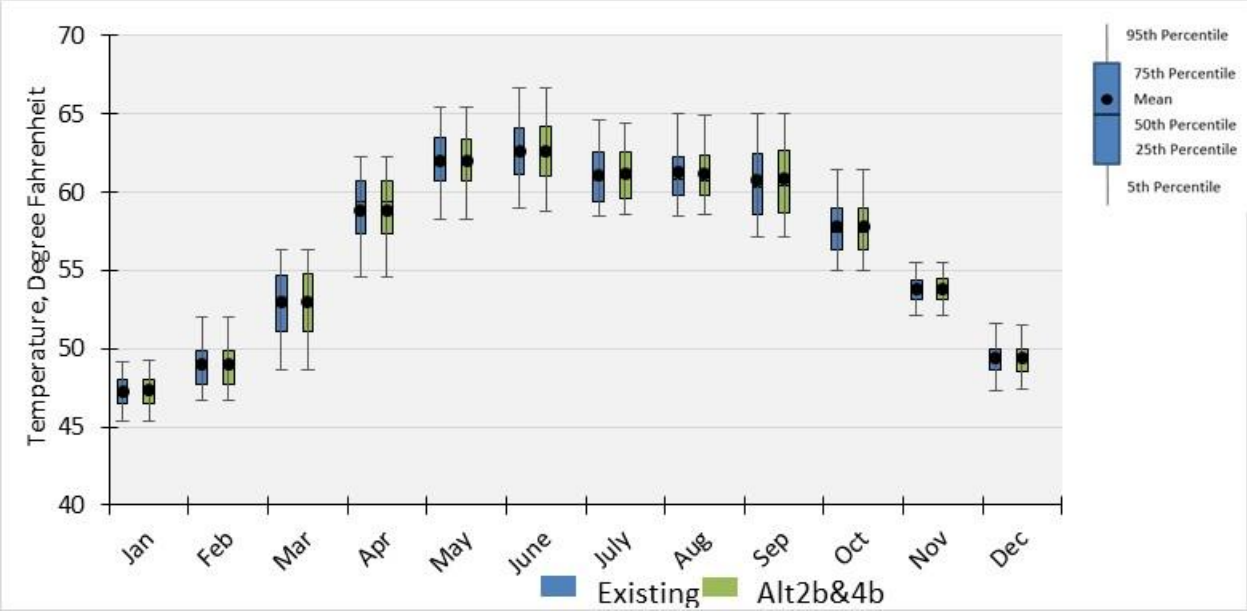


Figure 5A-D1.19.19. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



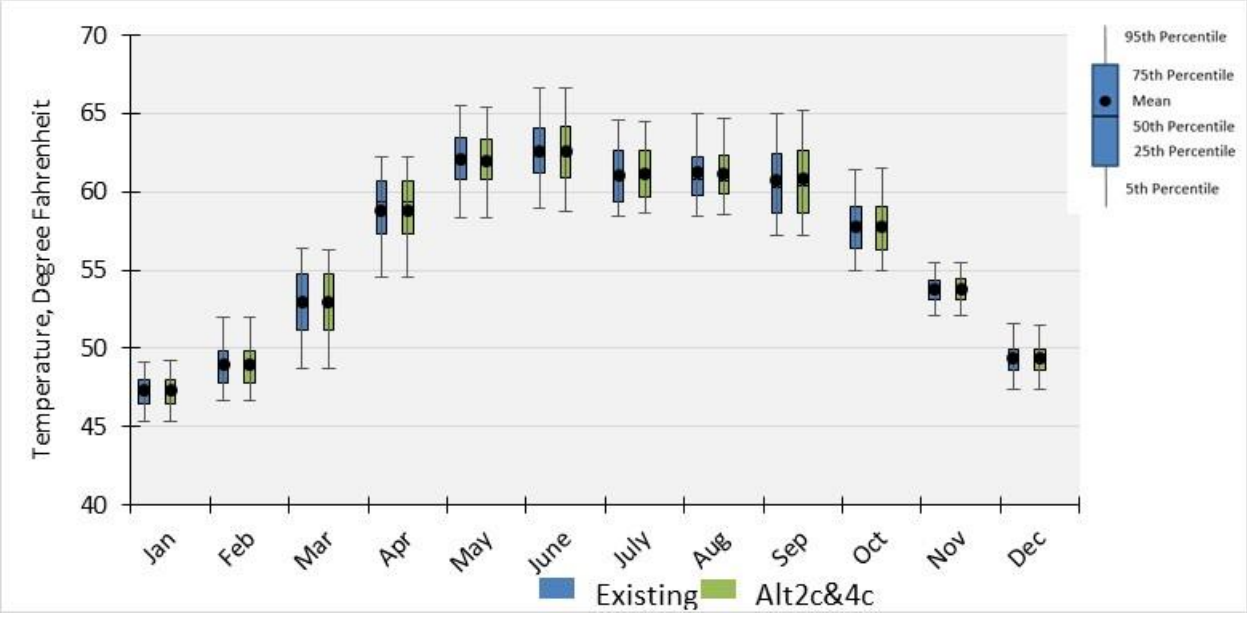
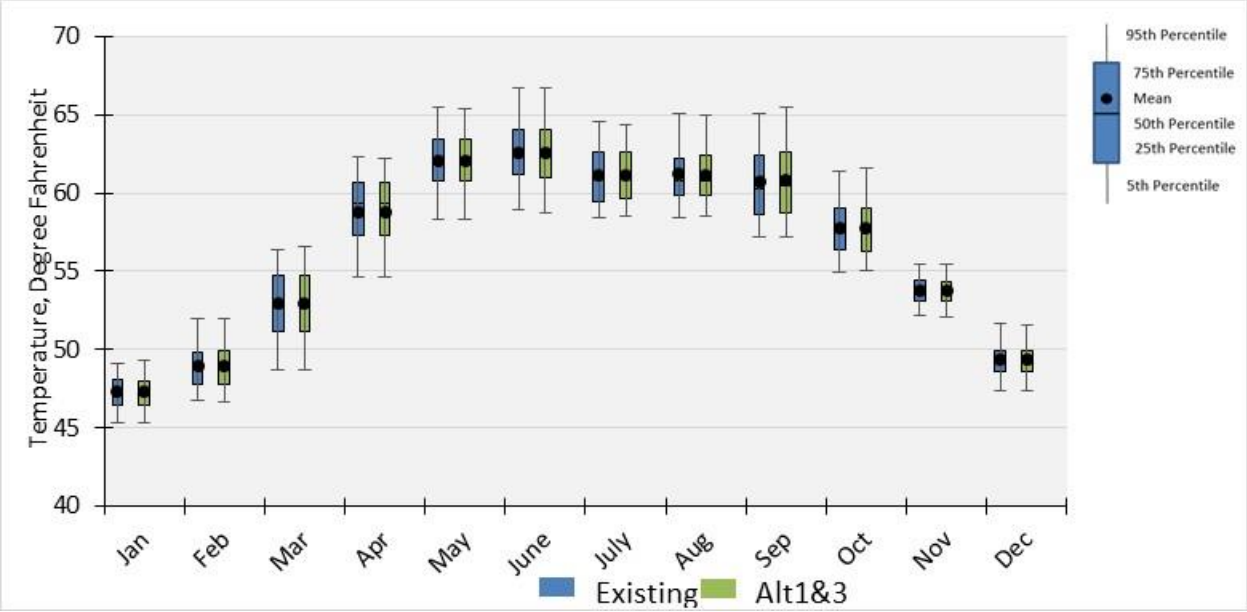


Figure 5A-D1.19.20. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



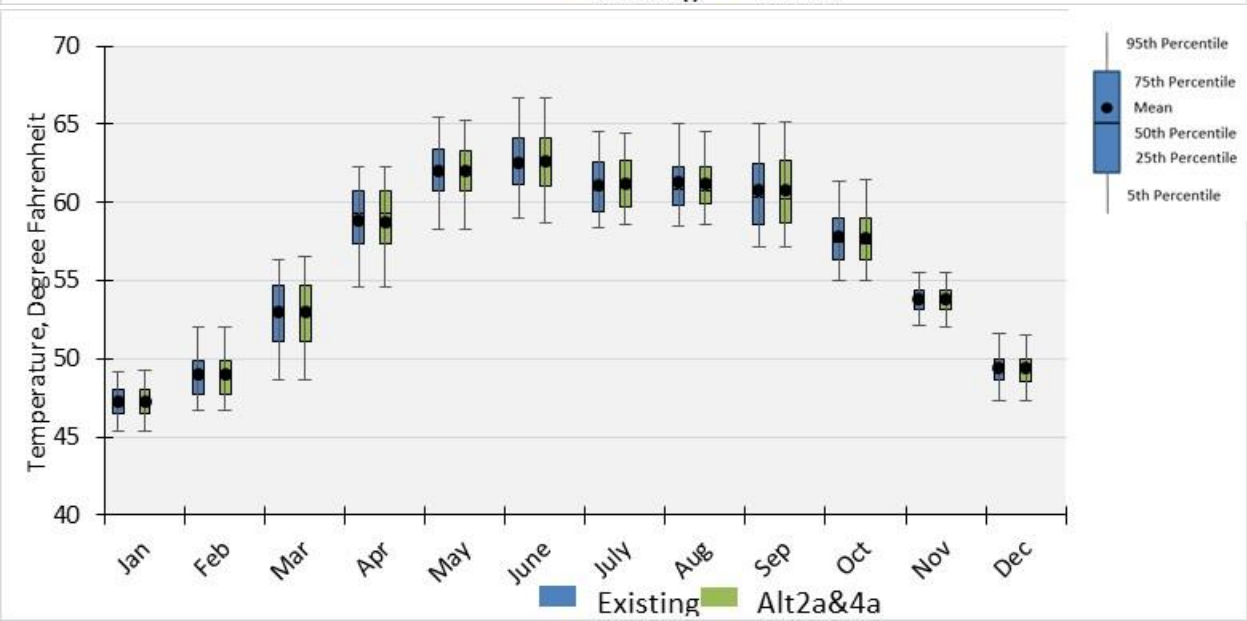


Figure 5A-D1.19.21. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

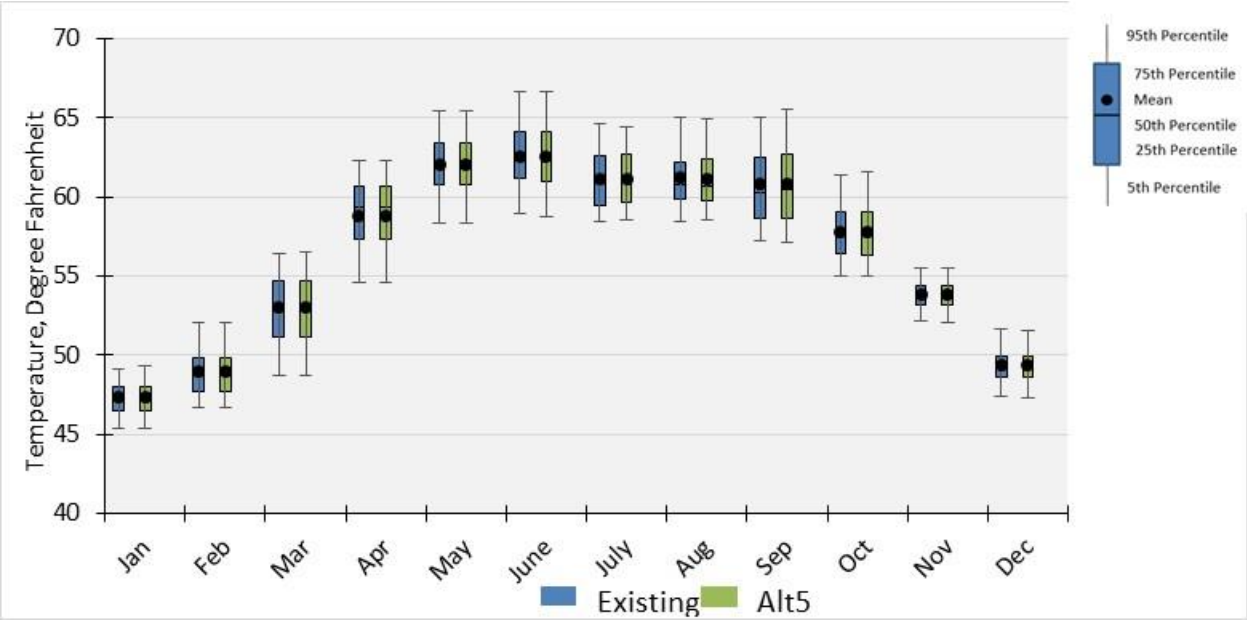
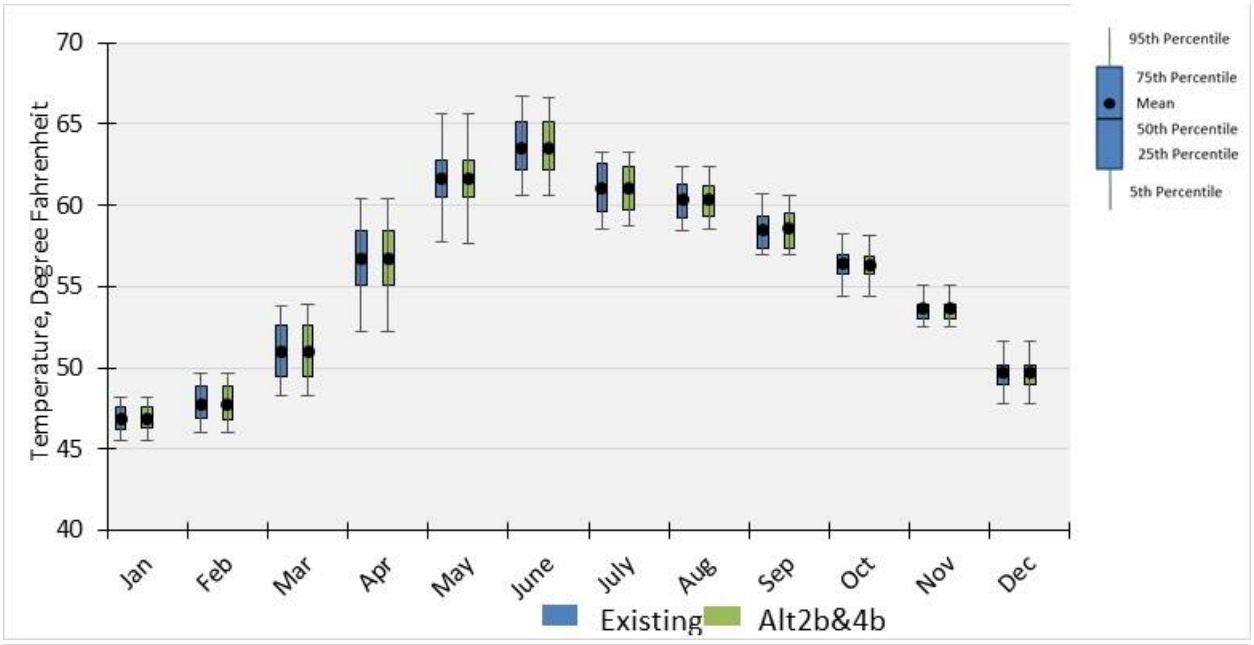


Figure 5A-D1.19.22. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



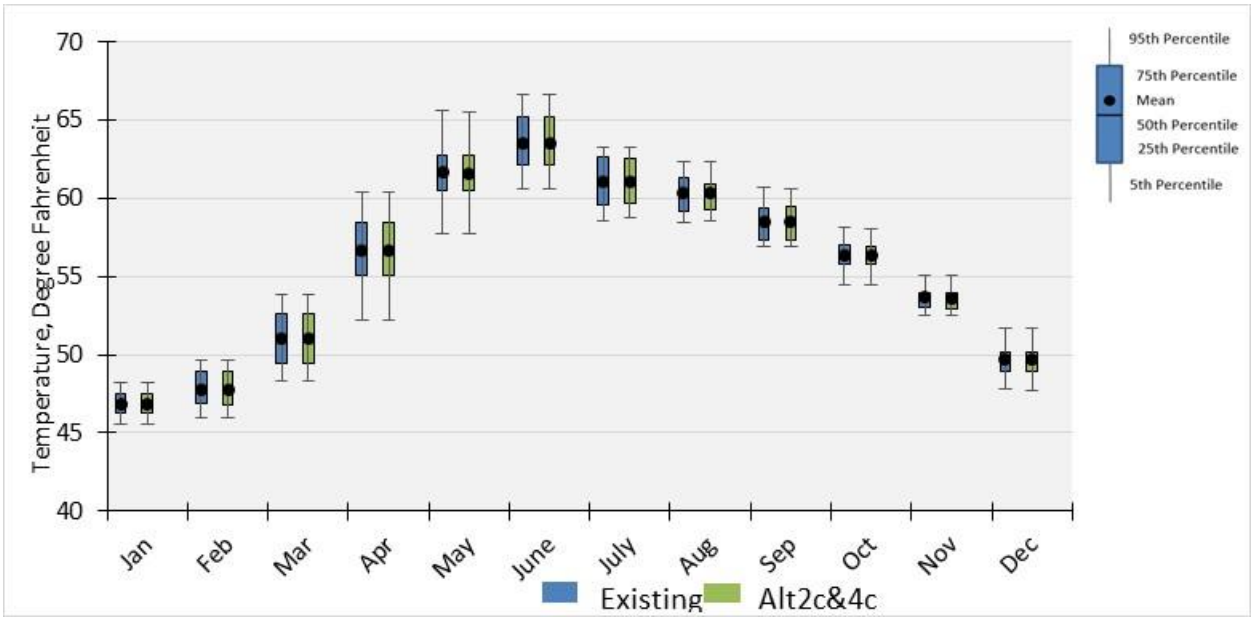
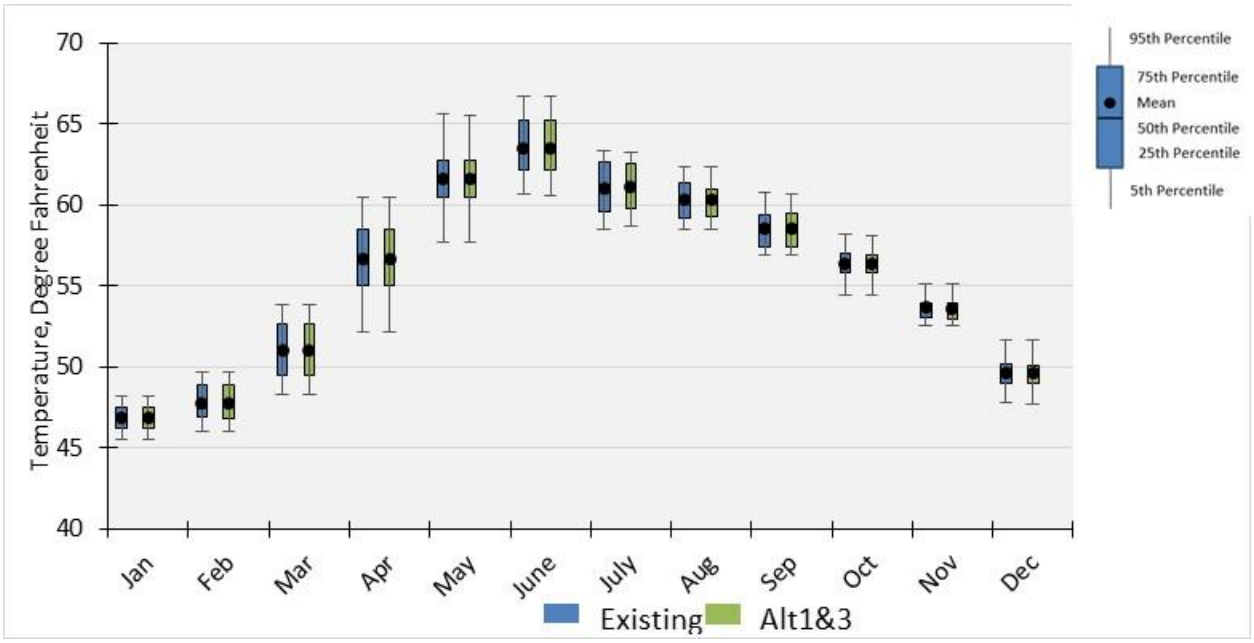


Figure 5A-D1.19.23. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



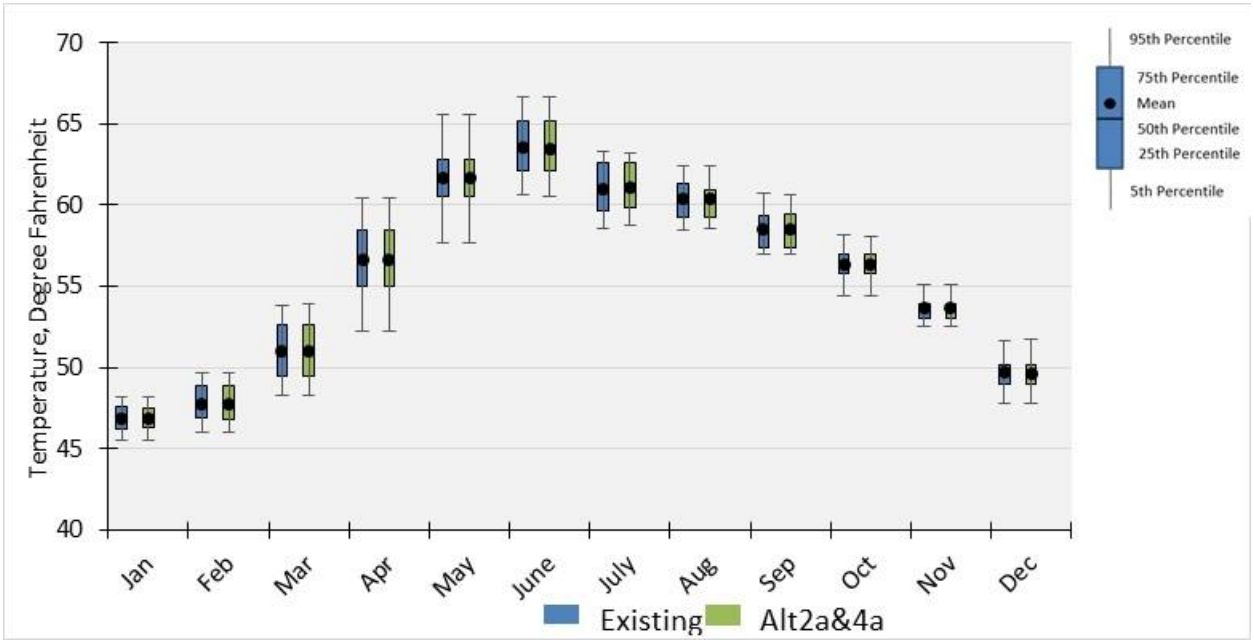


Figure 5A-D1.19.24. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

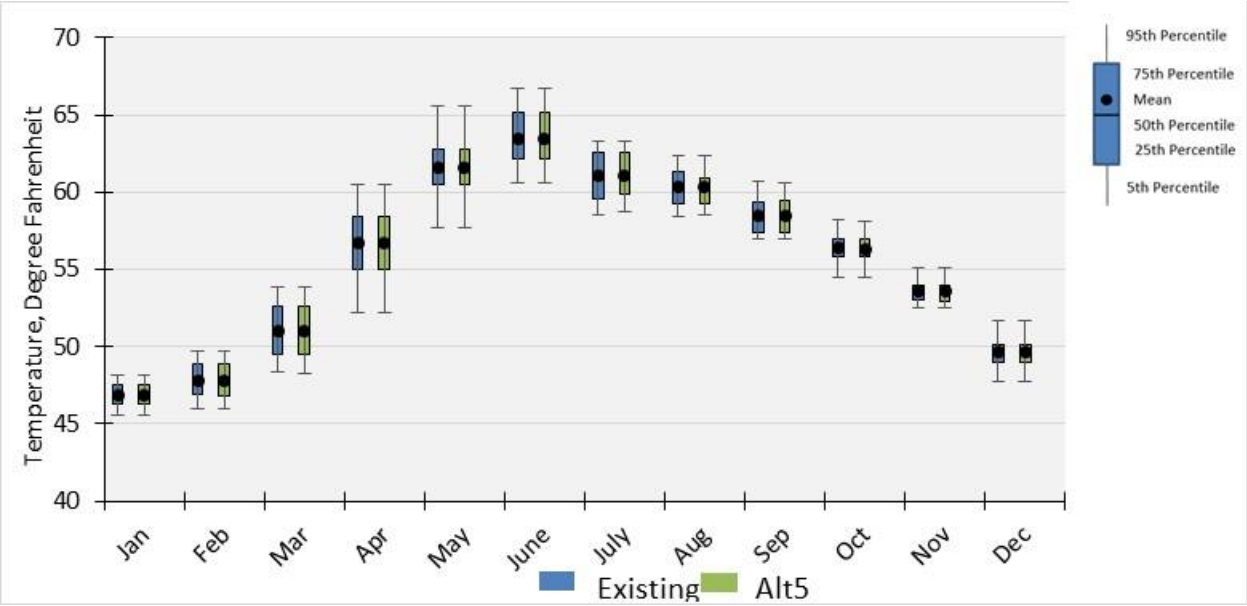
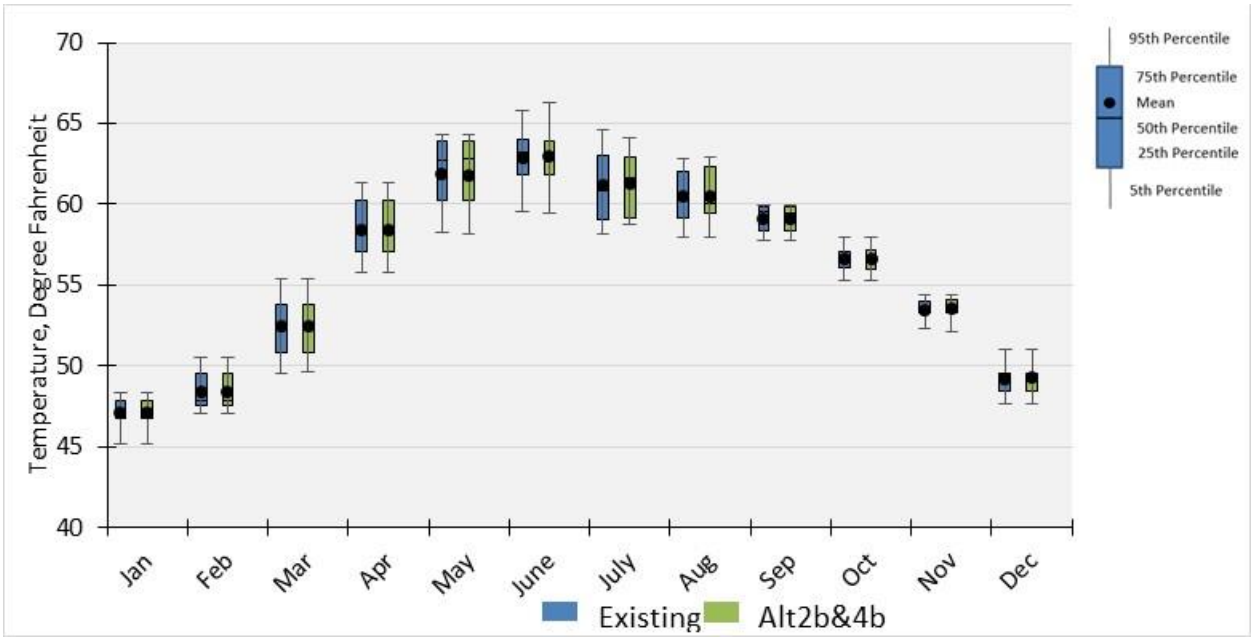


Figure 5A-D1.19.25. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



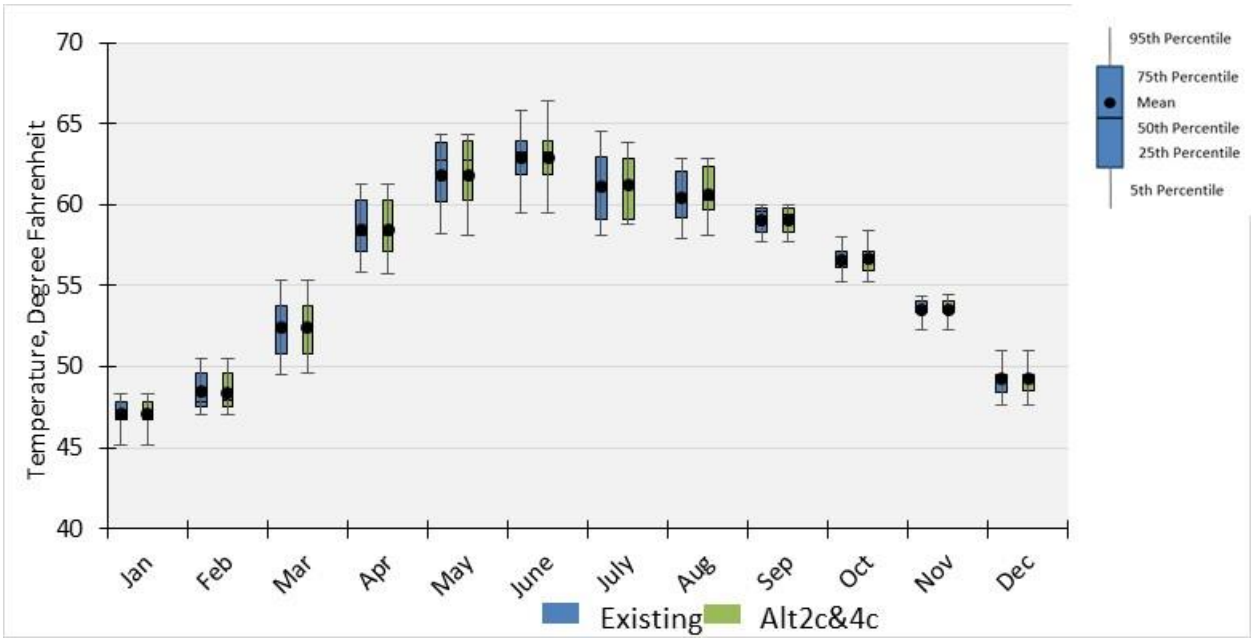
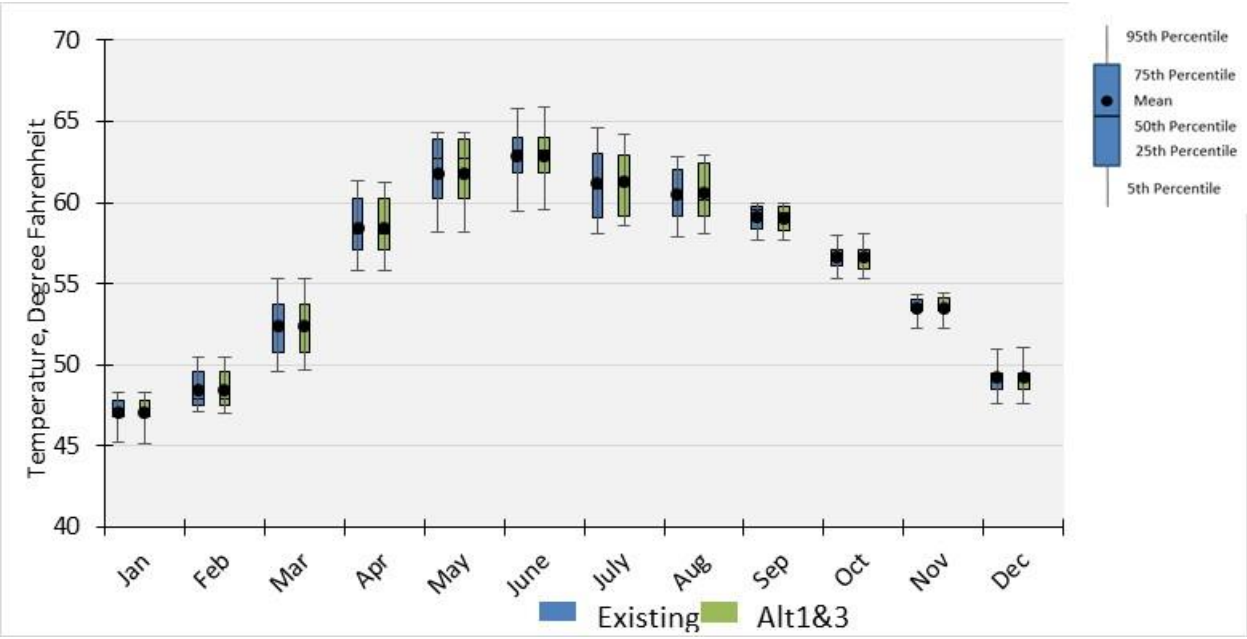


Figure 5A-D1.19.26. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



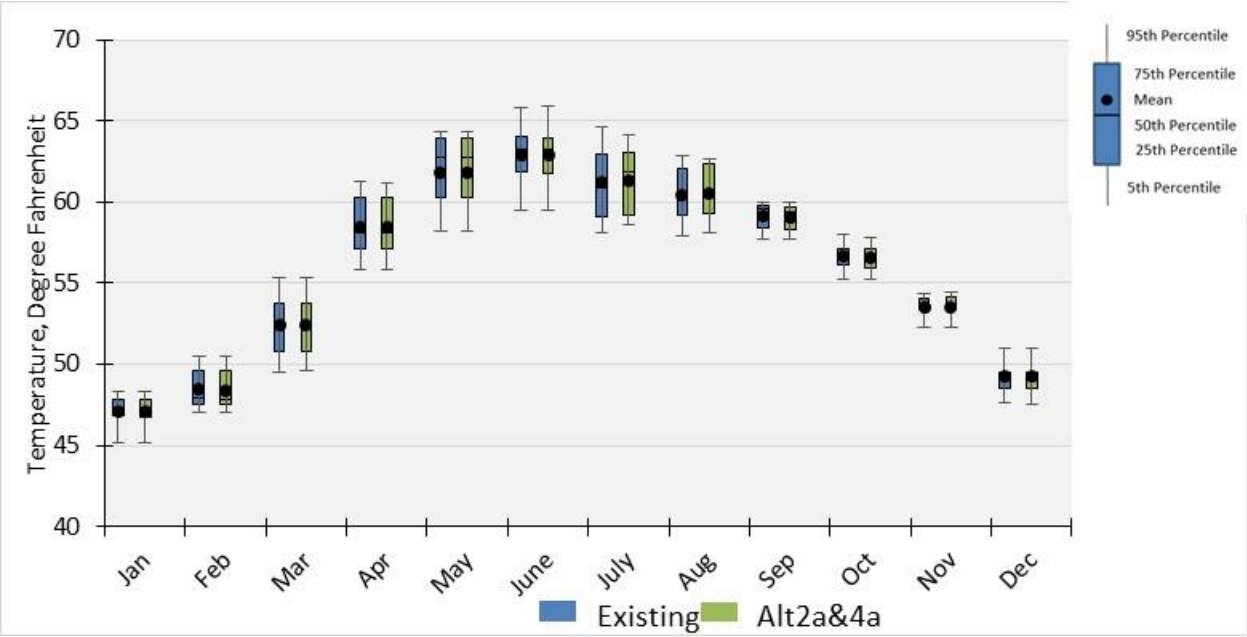


Figure 5A-D1.19.27. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

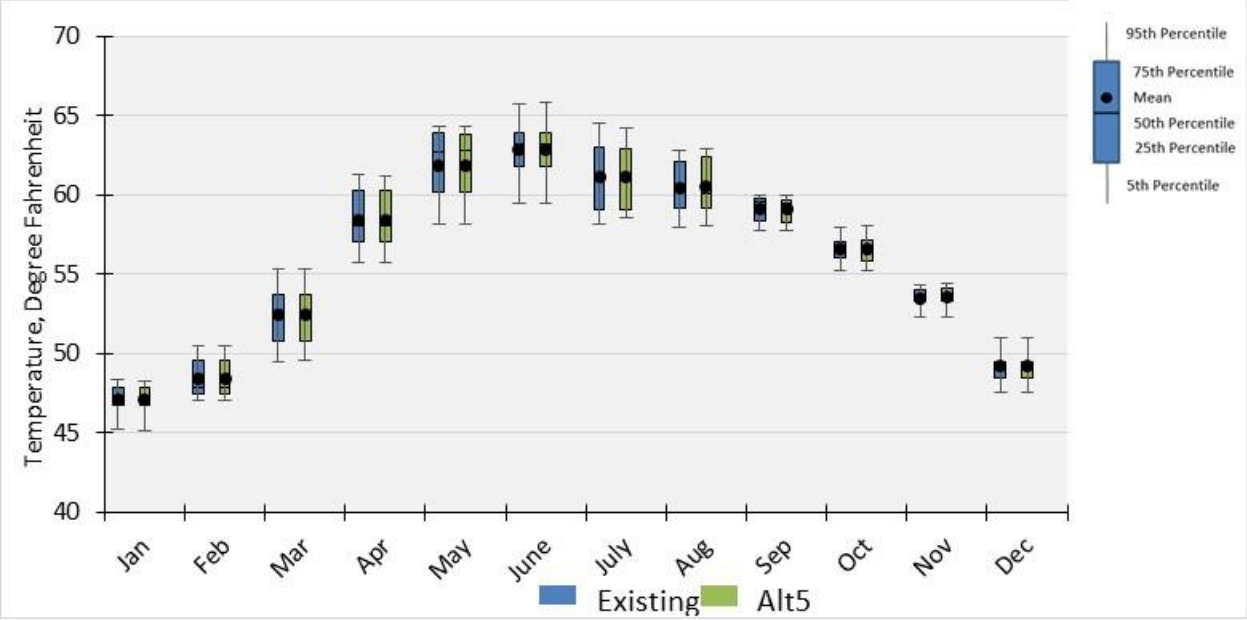
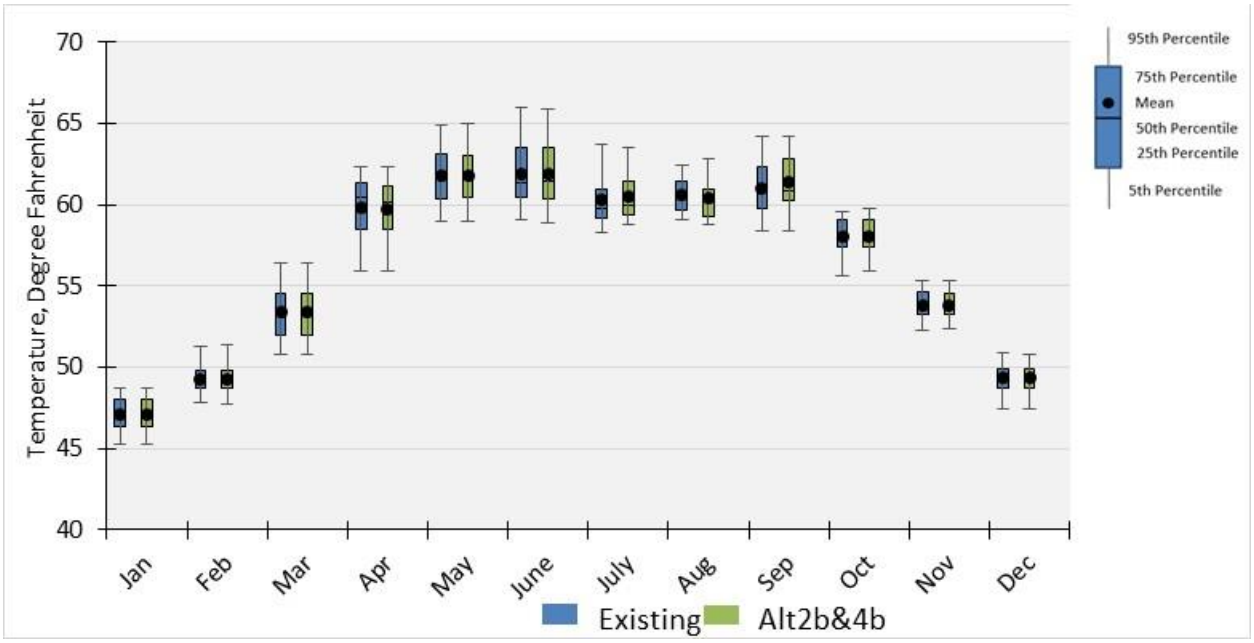


Figure 5A-D1.19.28. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



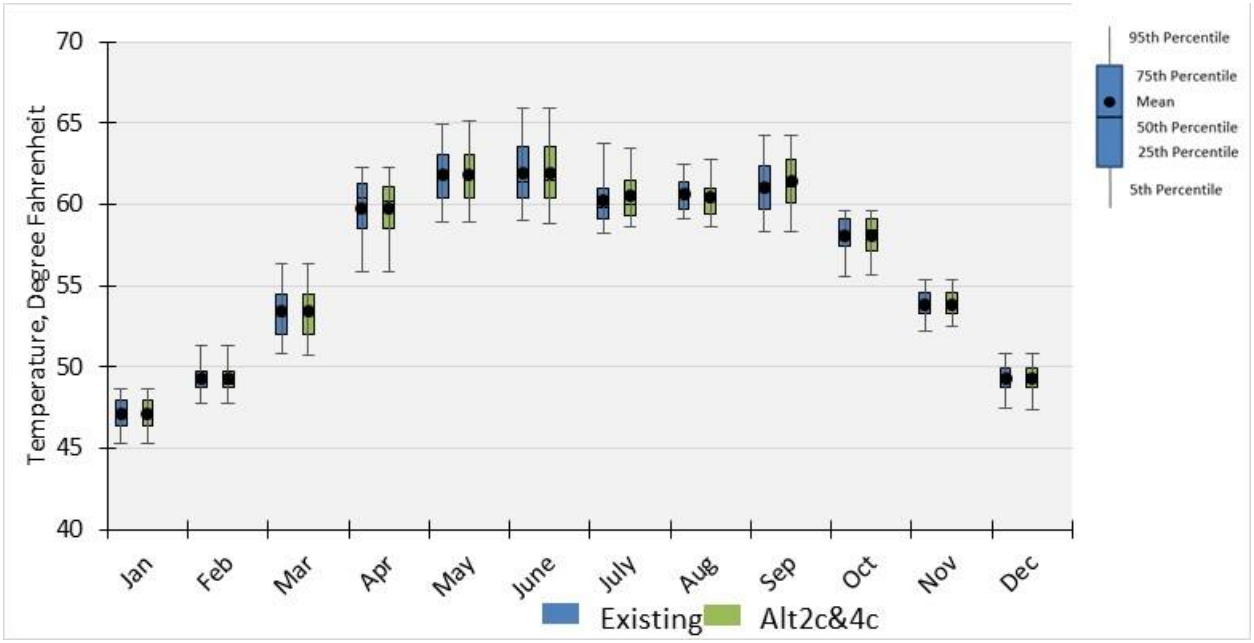
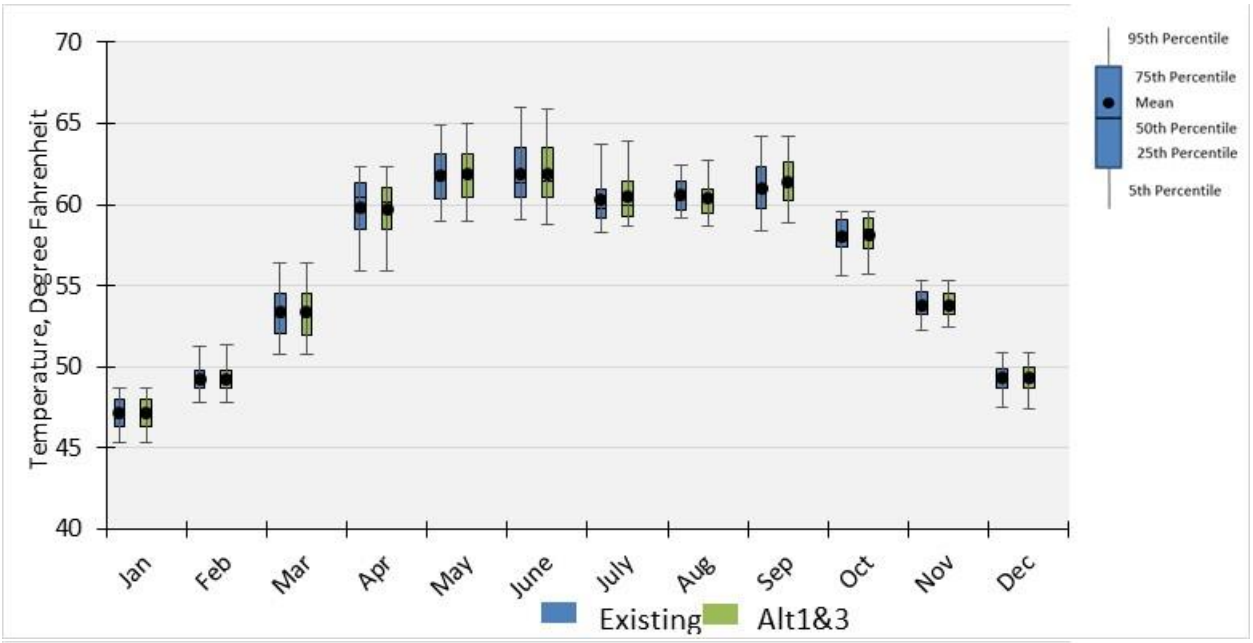


Figure 5A-D1.19.29. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



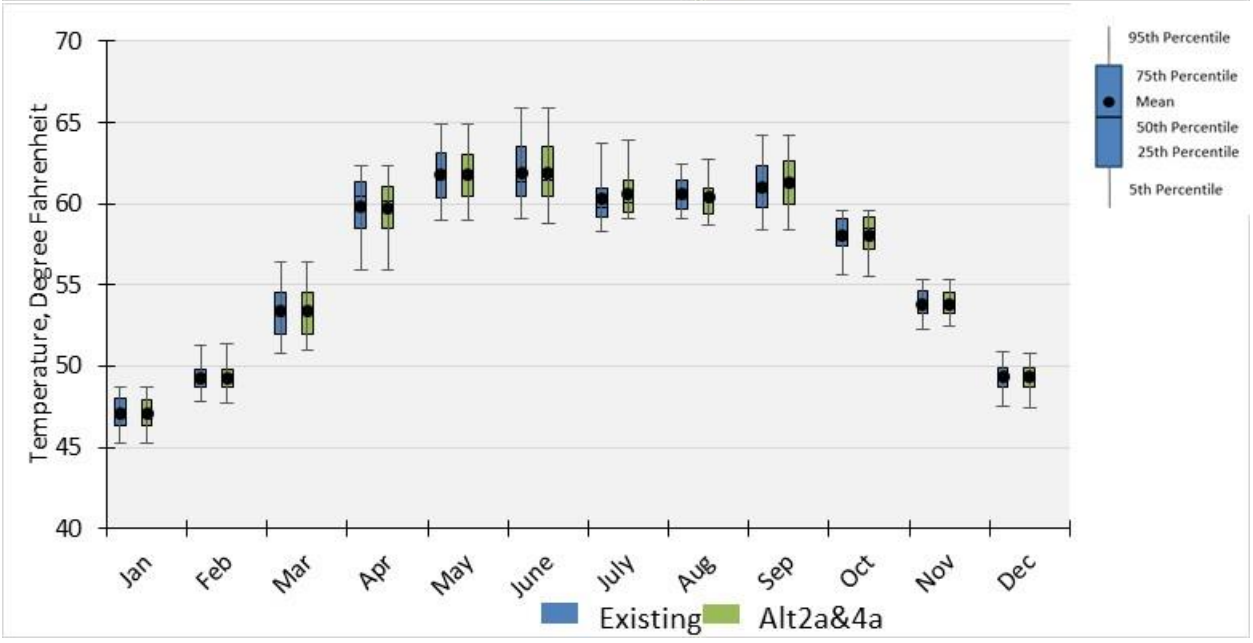


Figure 5A-D1.19.30. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

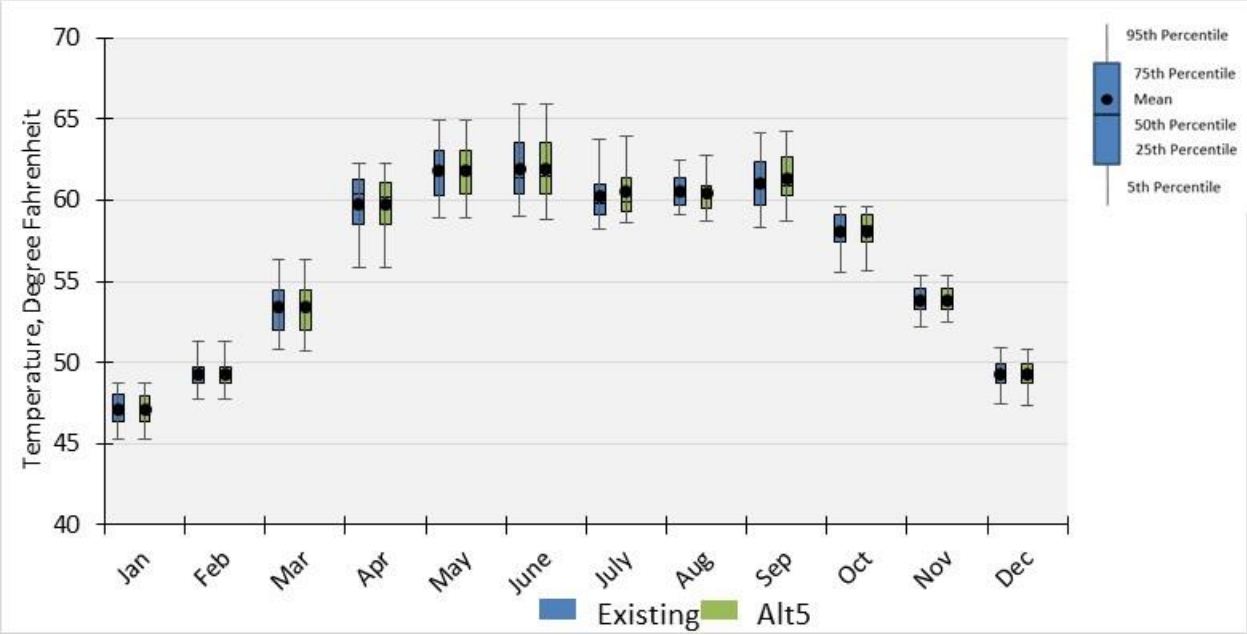
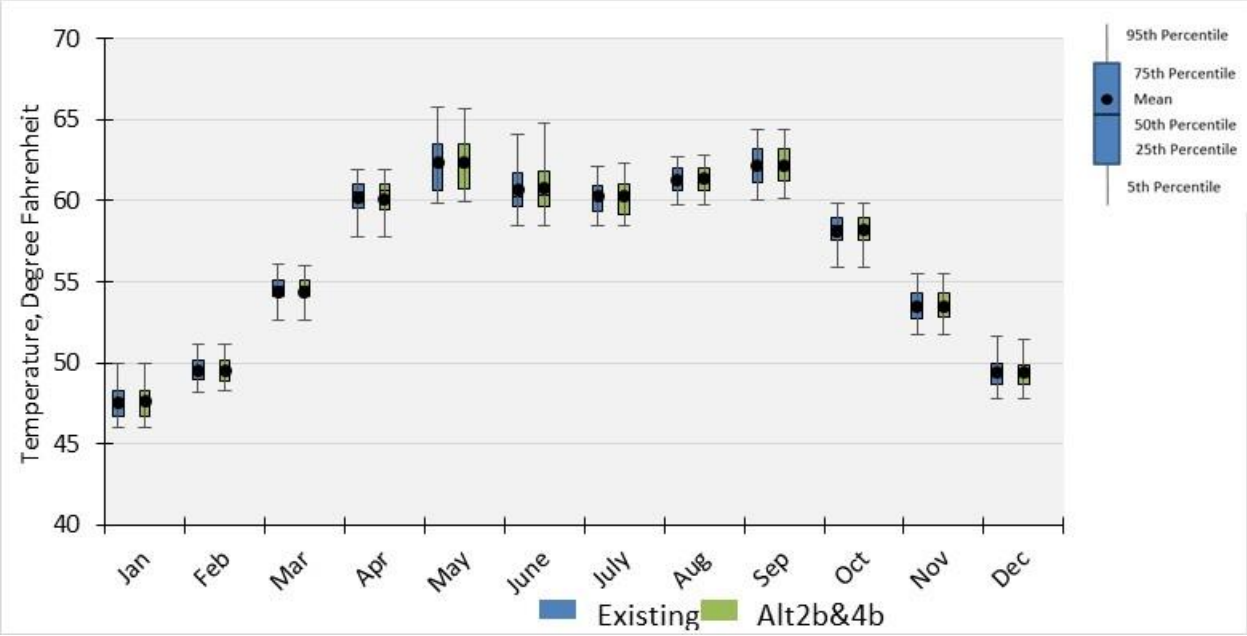


Figure 5A-D1.19.31. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



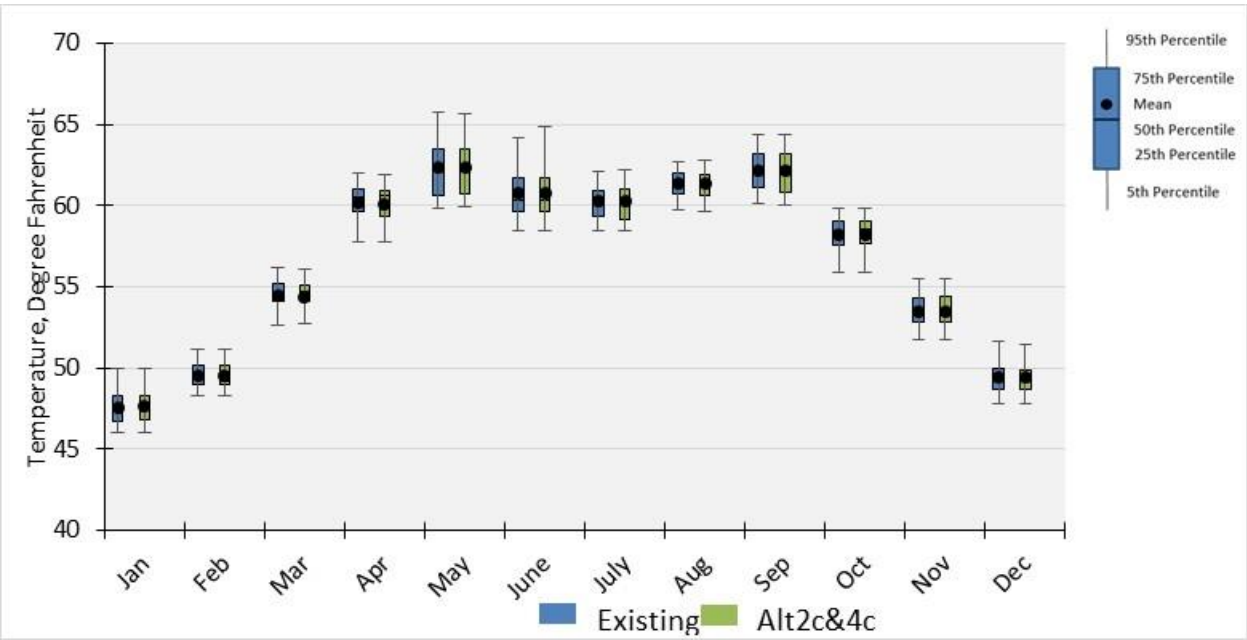
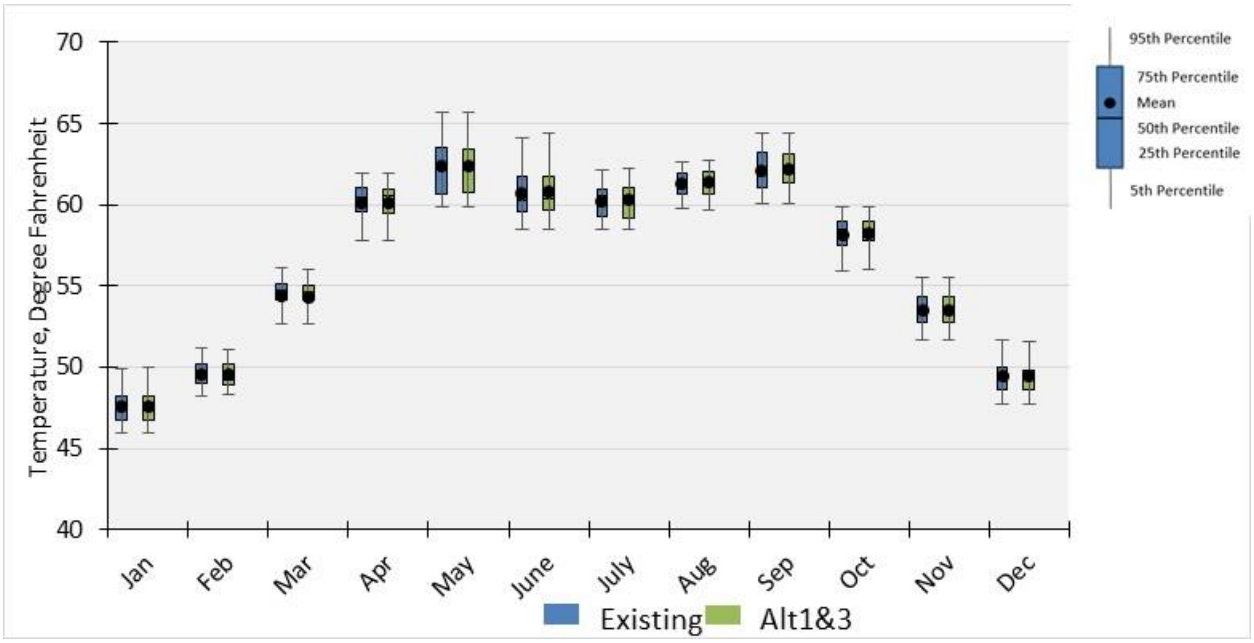


Figure 5A-D1.19.32. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



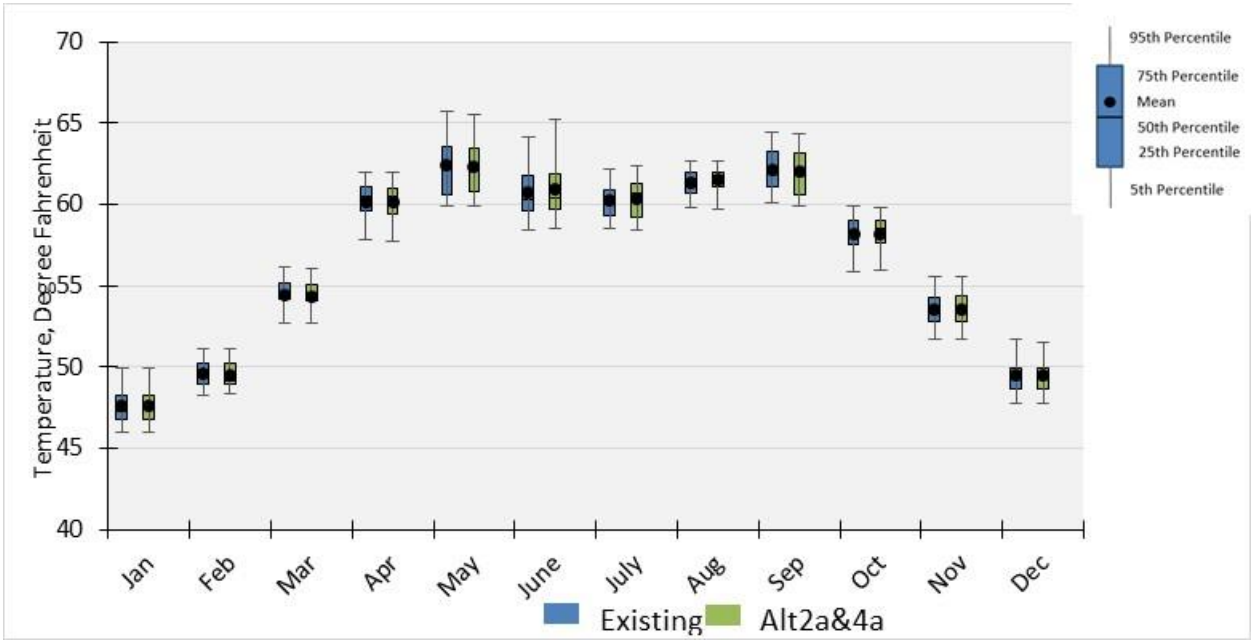


Figure 5A-D1.19.33. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

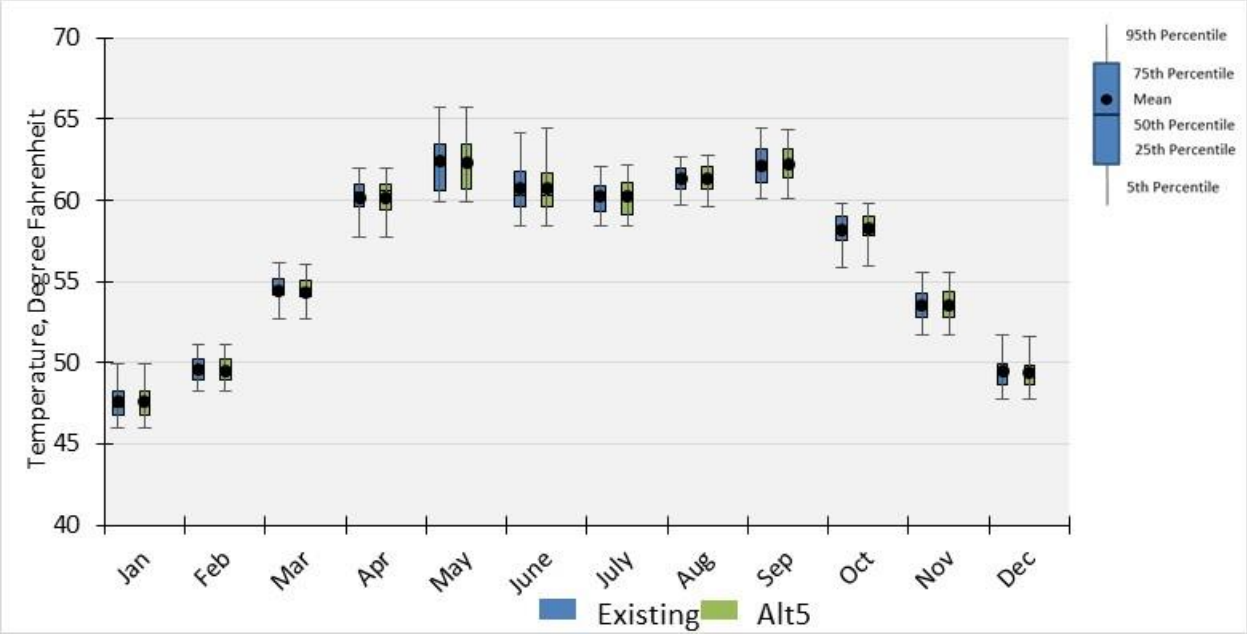
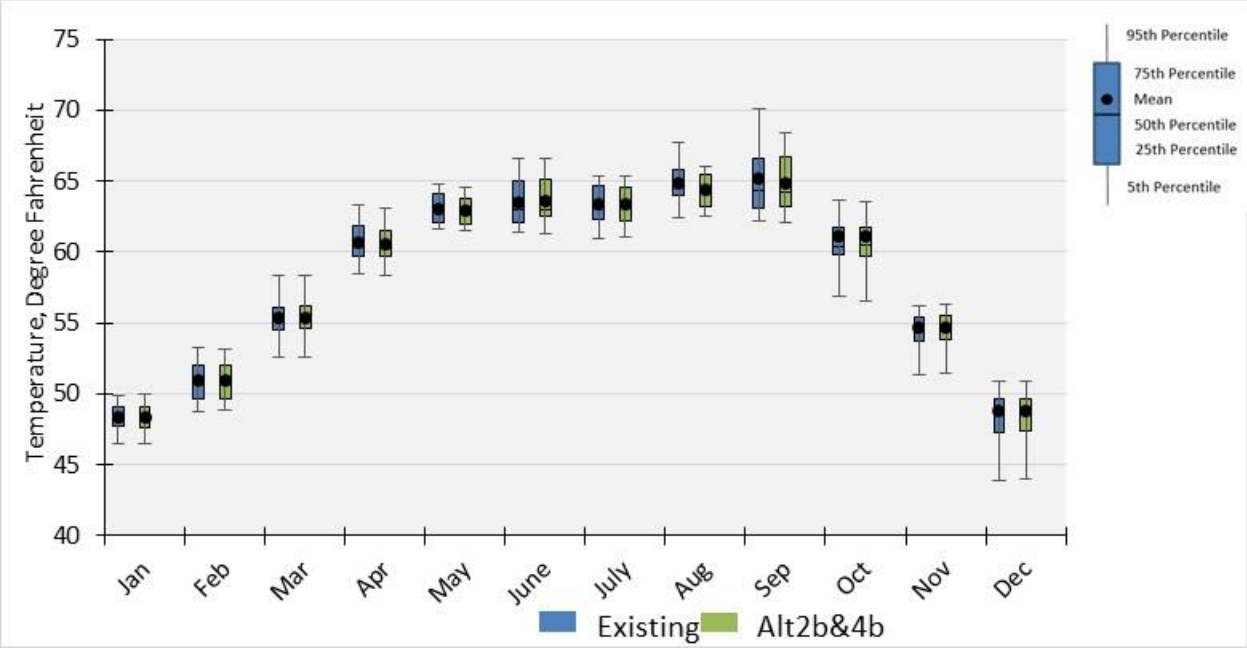


Figure 5A-D1.19.34. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



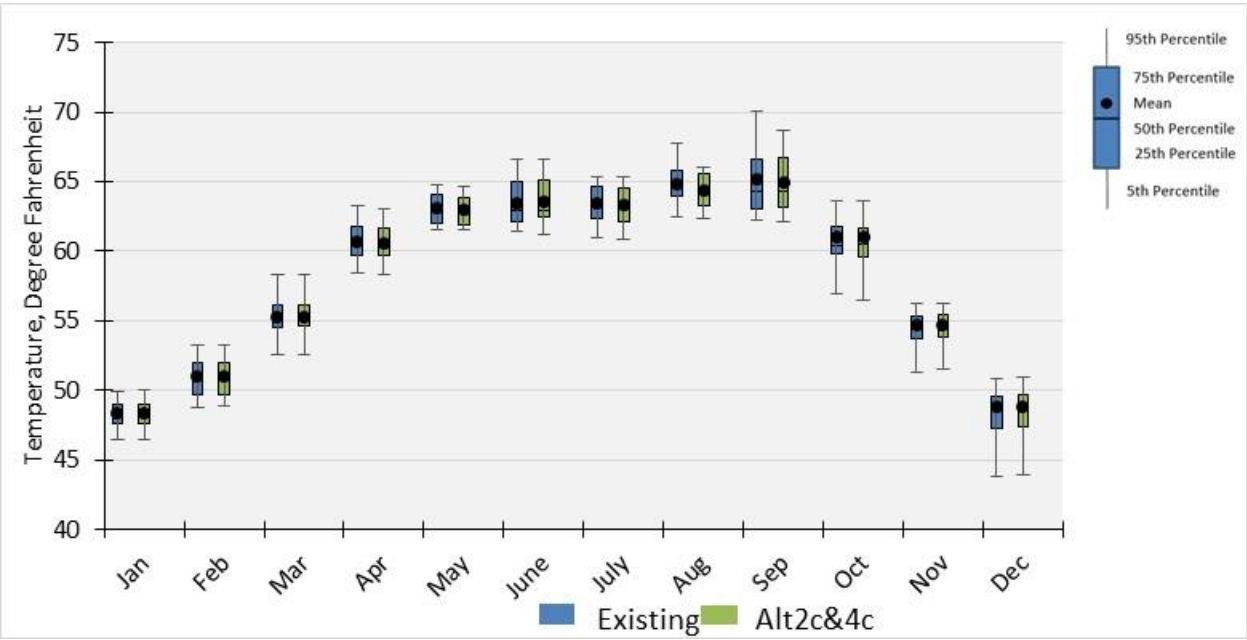
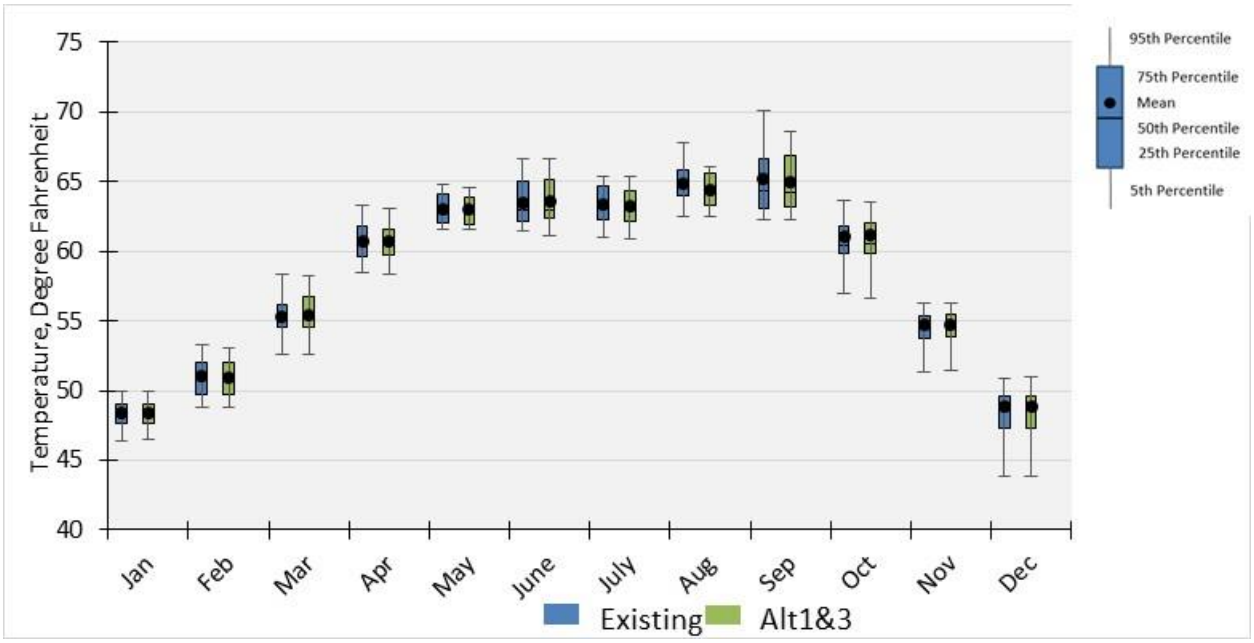


Figure 5A-D1.19.35. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



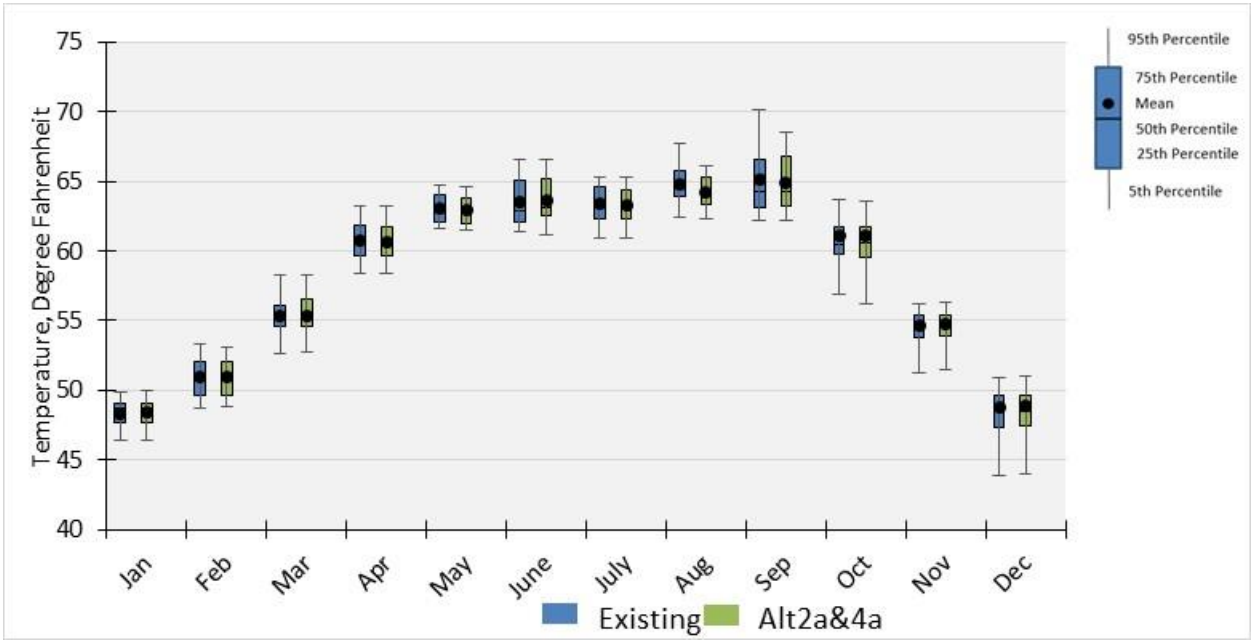


Figure 5A-D1.19.36. Sacramento River at Glenn-Colusa Irrigation District (GCID), Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

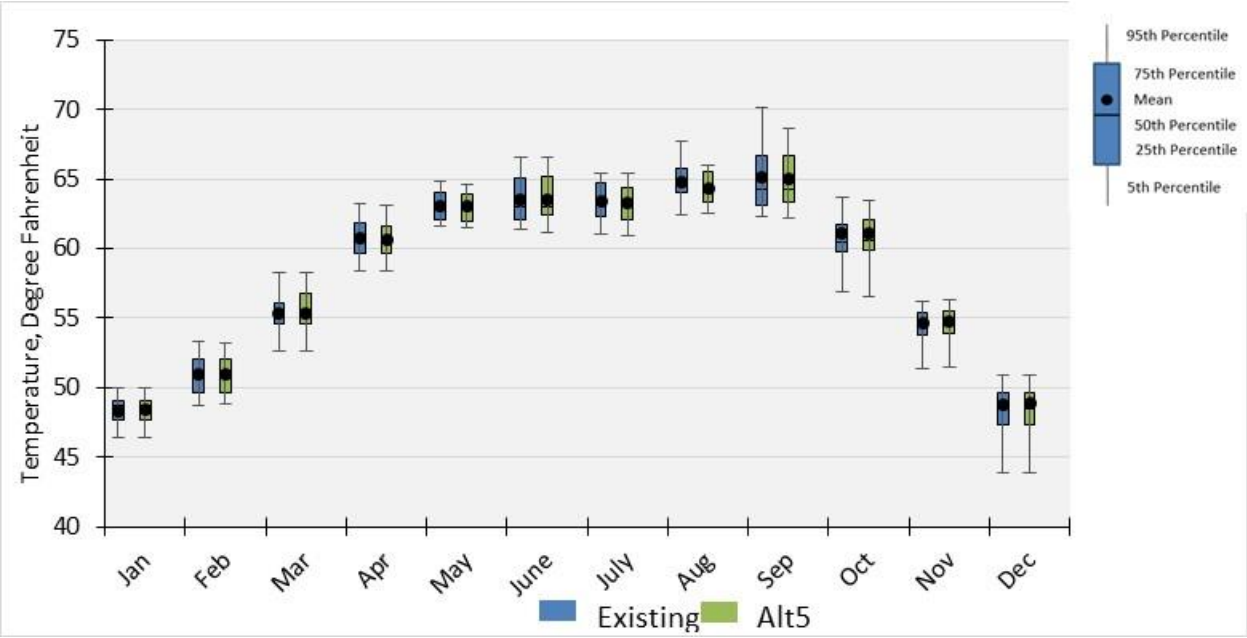
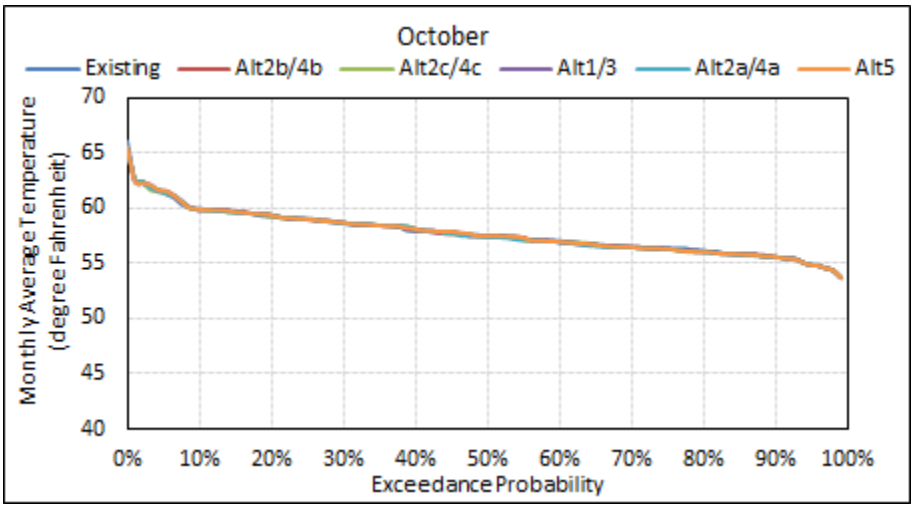
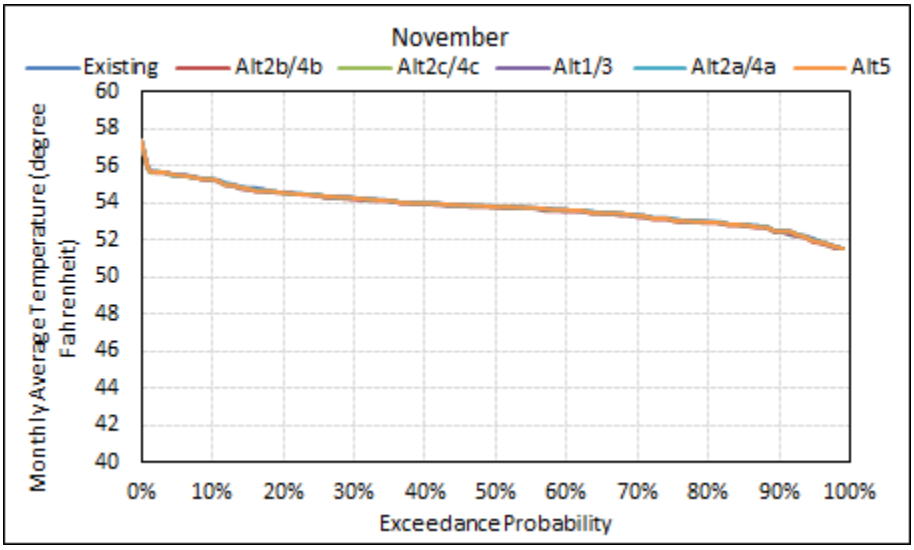


Figure 5A-D1.19.37-A. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





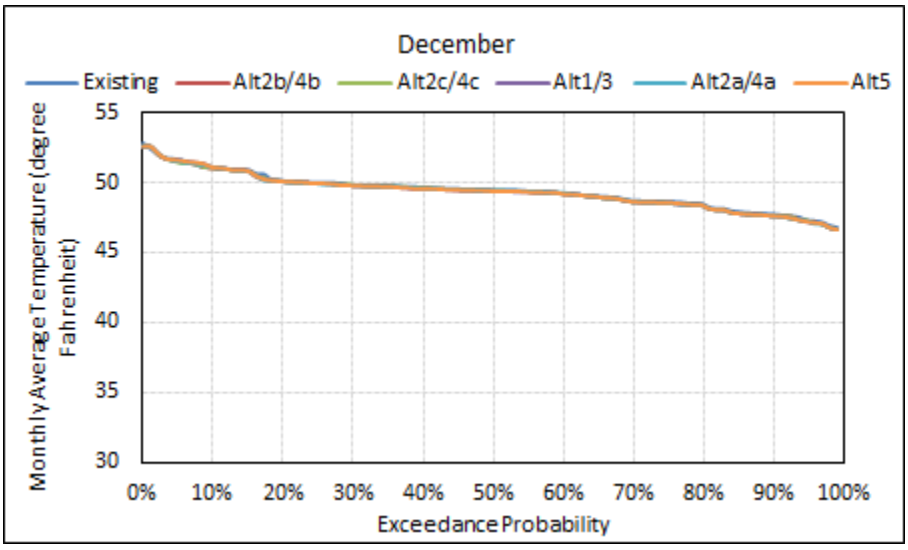
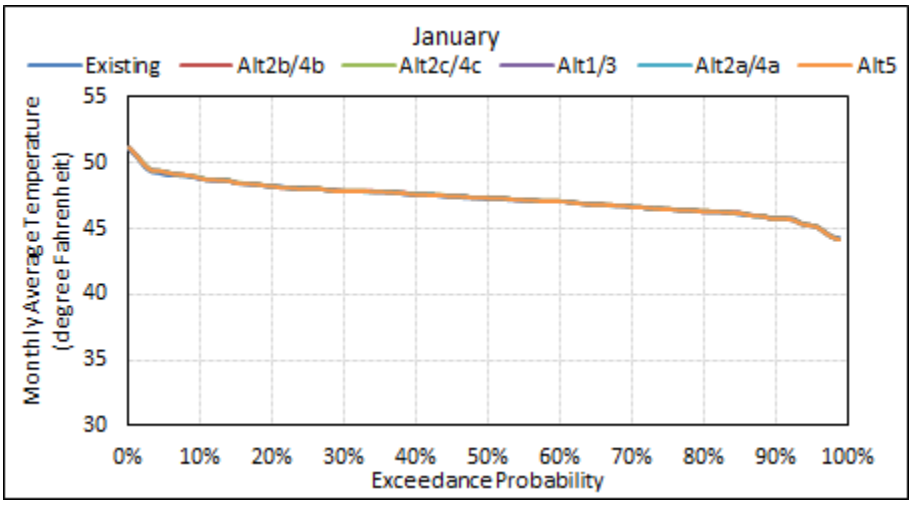
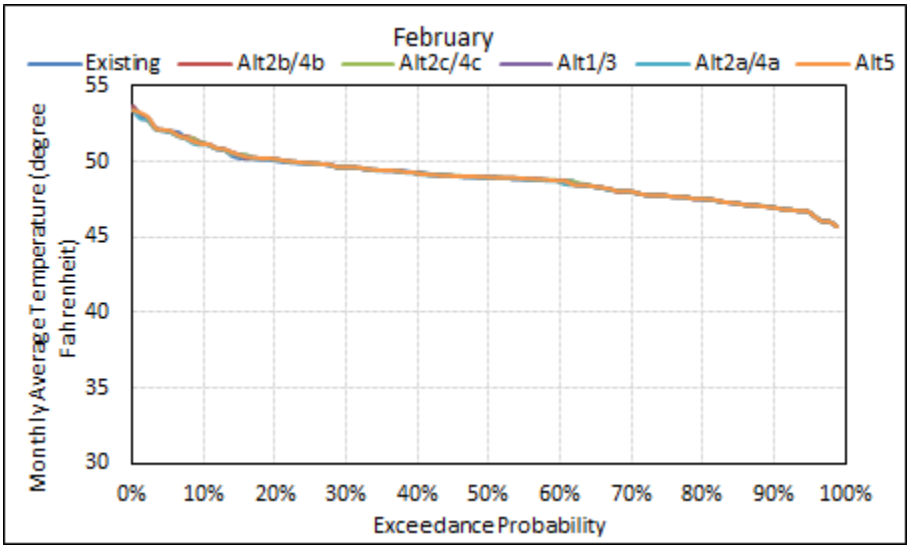


Figure 5A-D1.19.37-B. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





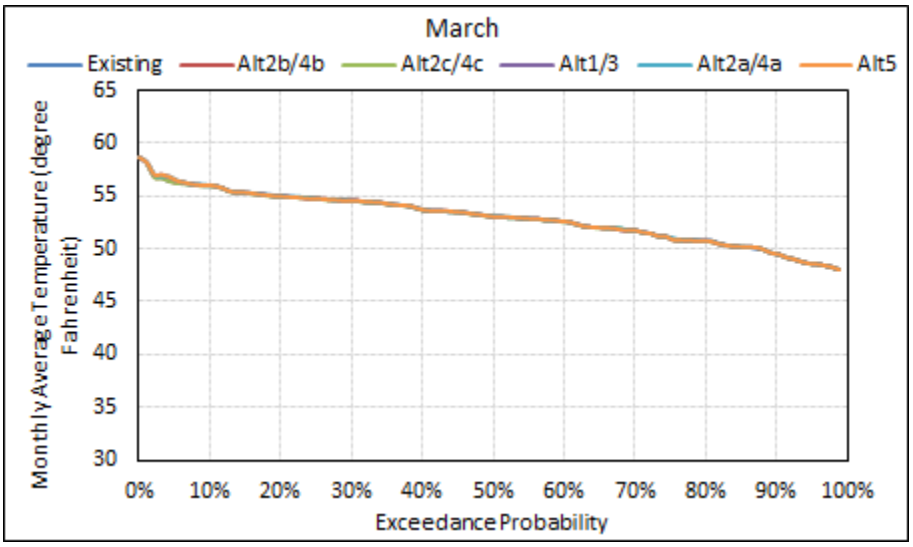
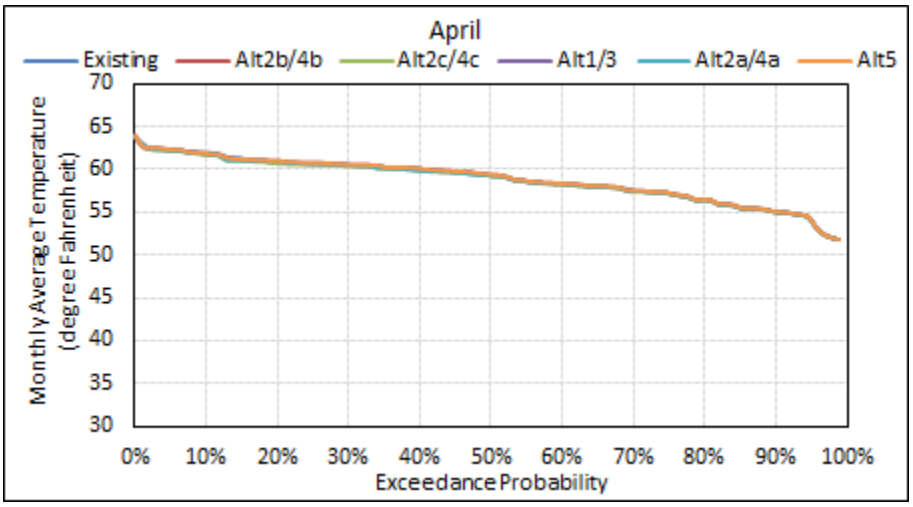
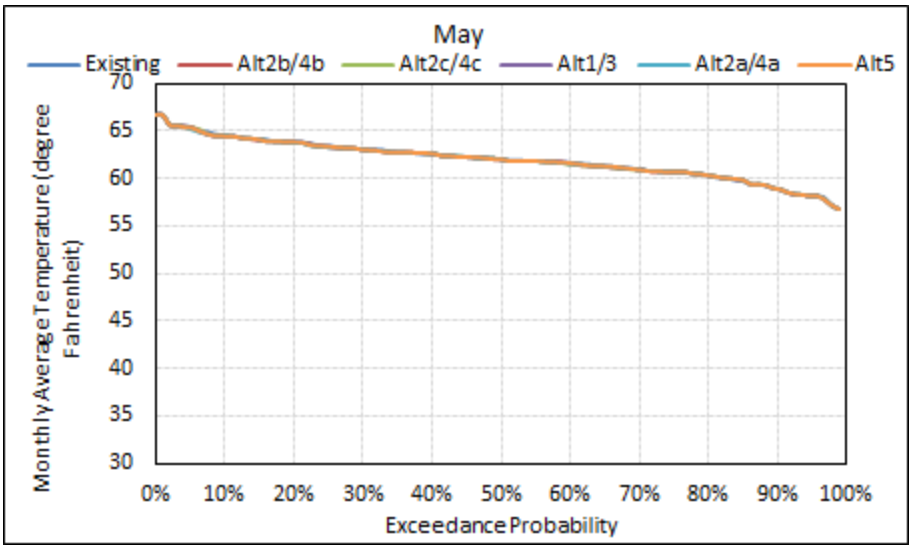


Figure 5A-D1.19.37-C. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





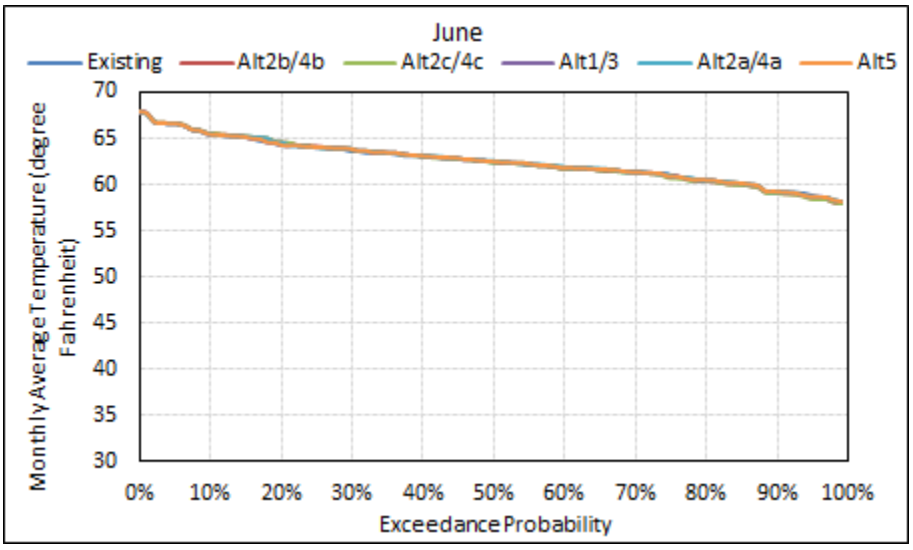
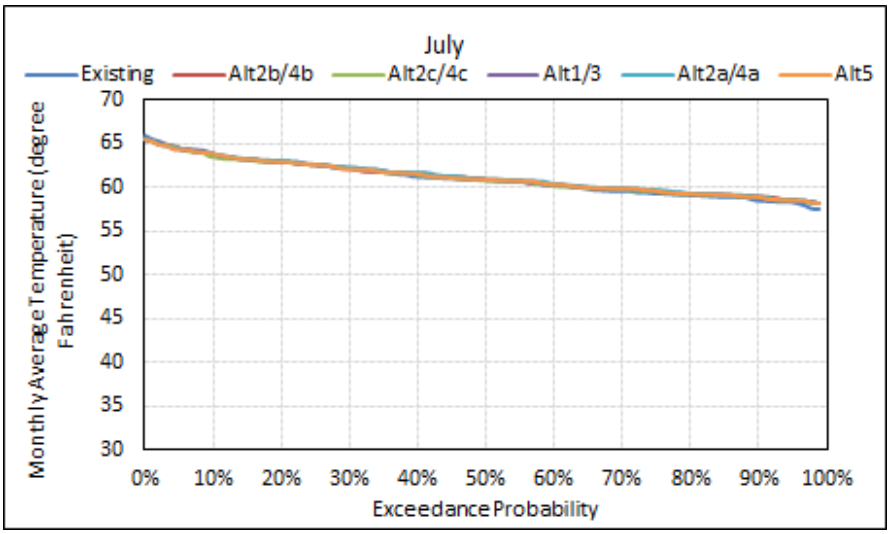
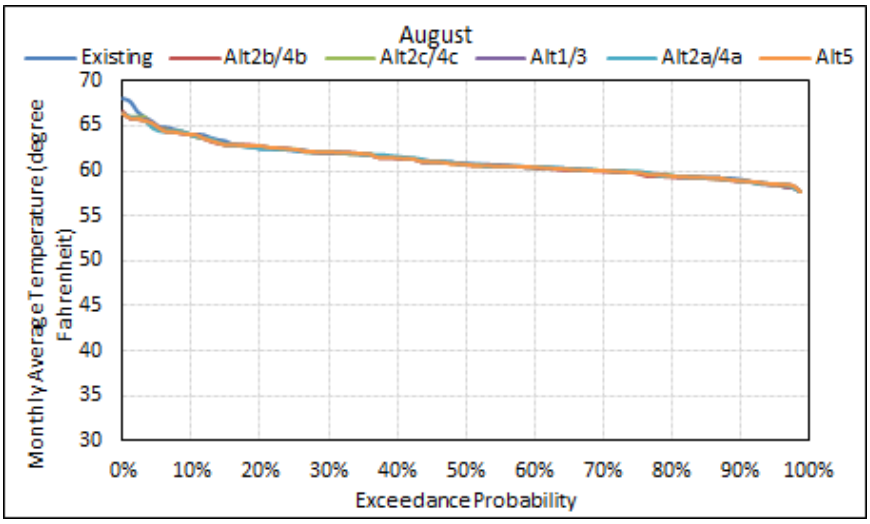


Figure 5A-D1.19.37-D. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





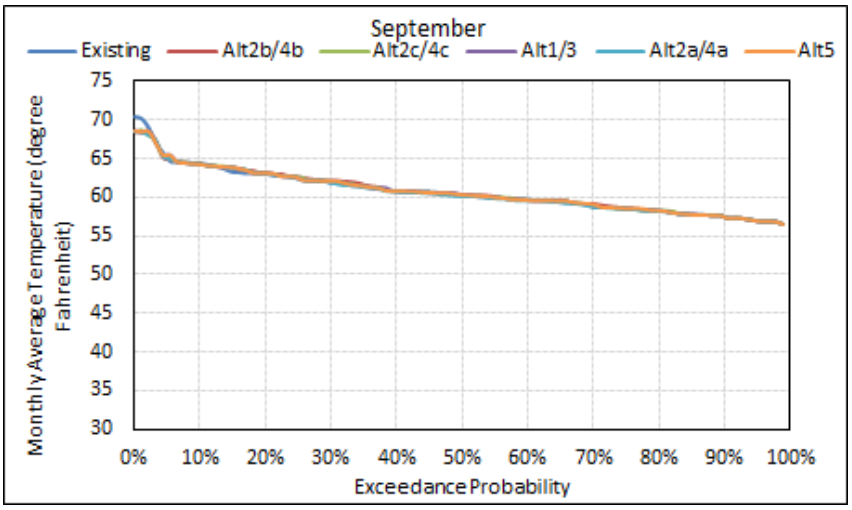


Figure 5A-D1.19.38. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

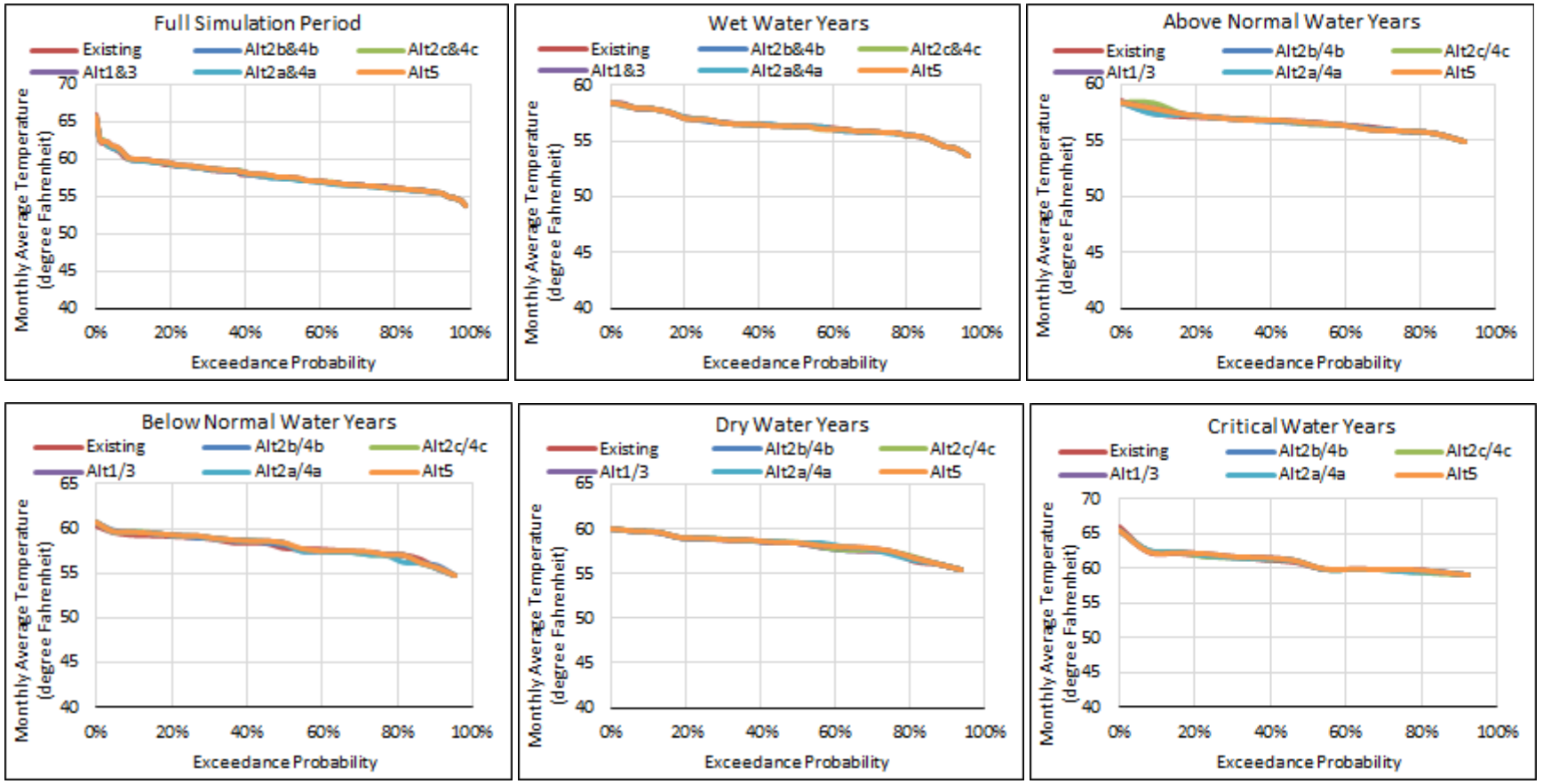


Figure 5A-D1.19.39. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

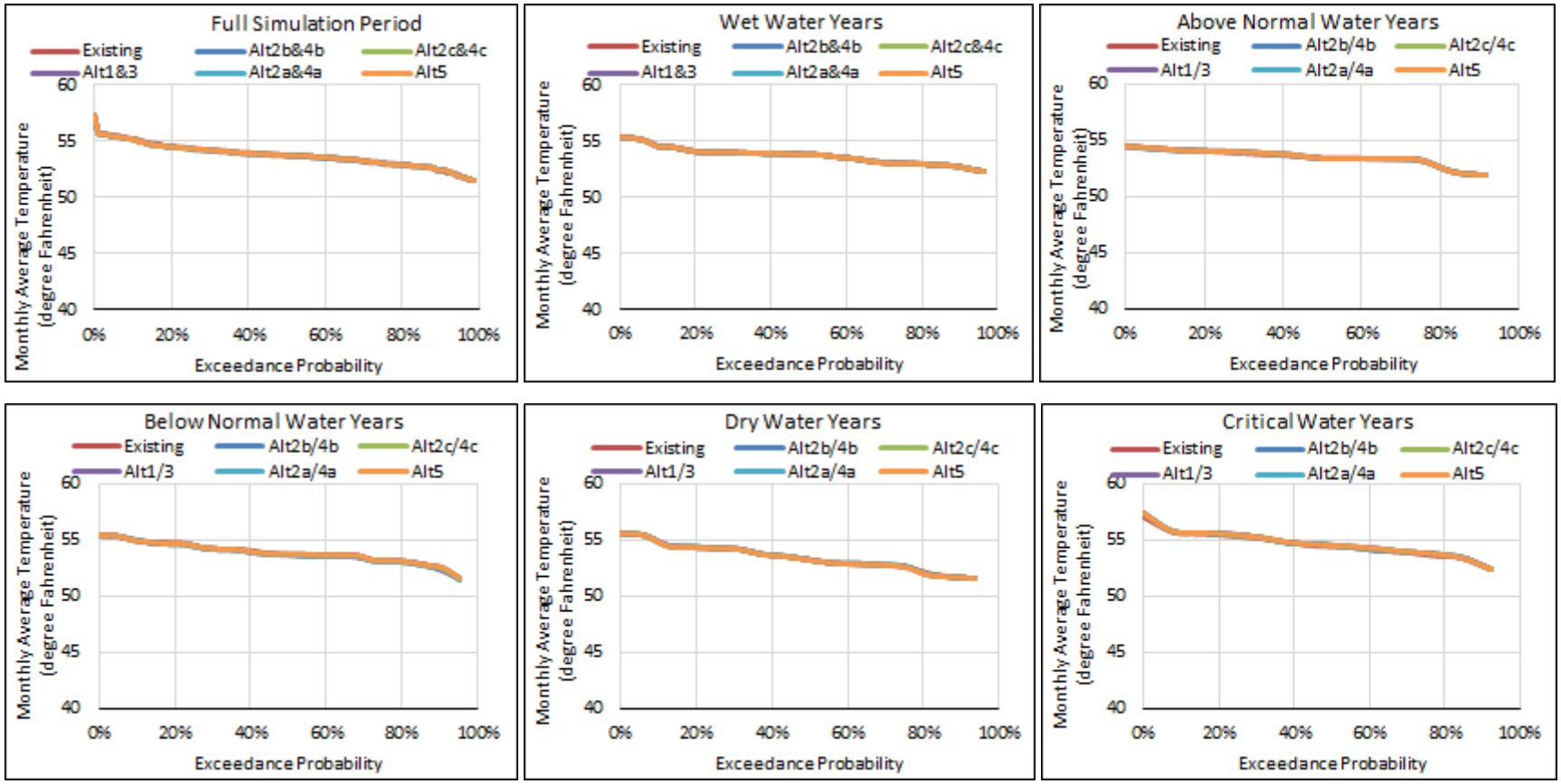


Figure 5A-D1.19.40. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

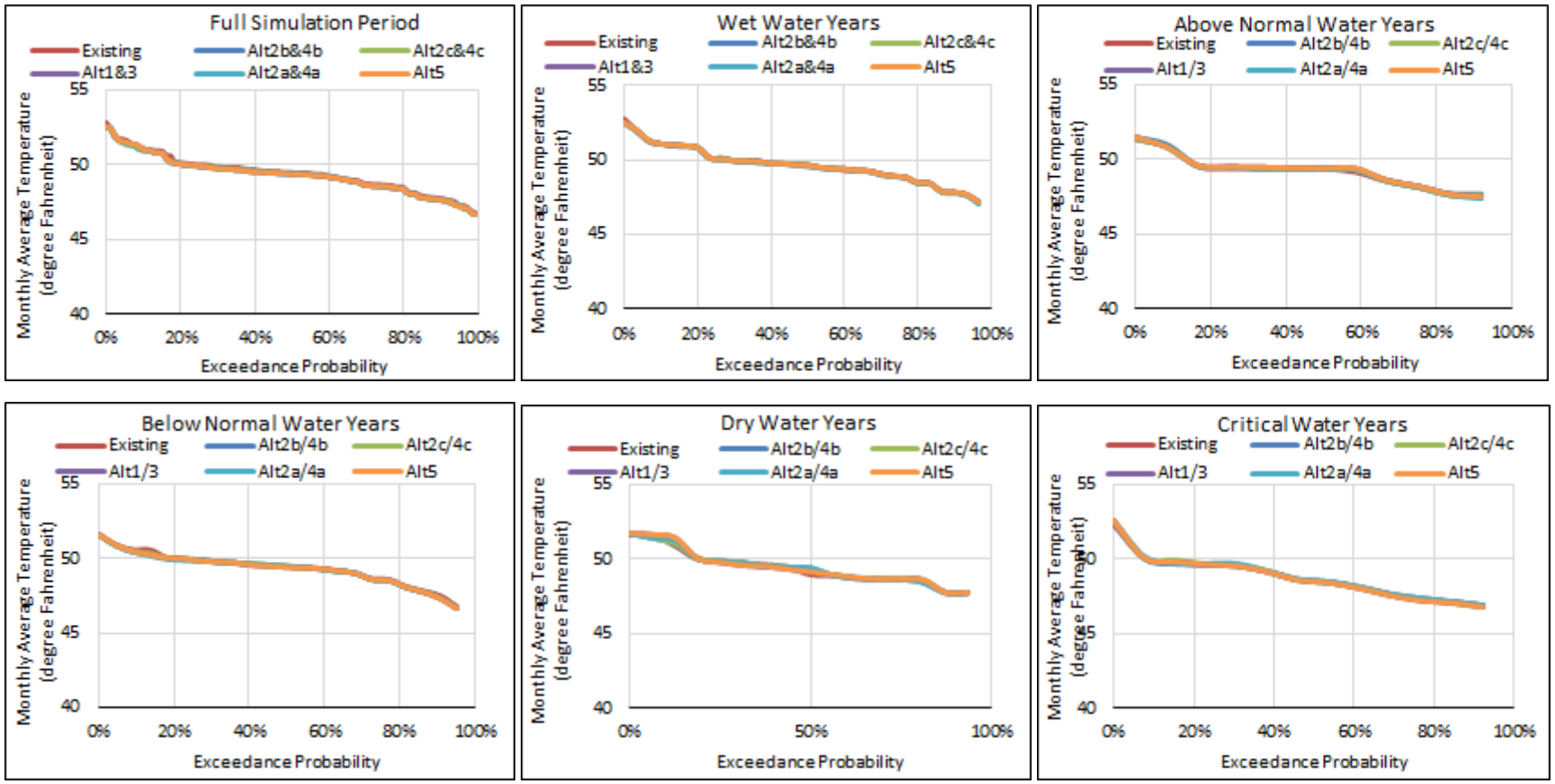


Figure 5A-D1.19.41. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

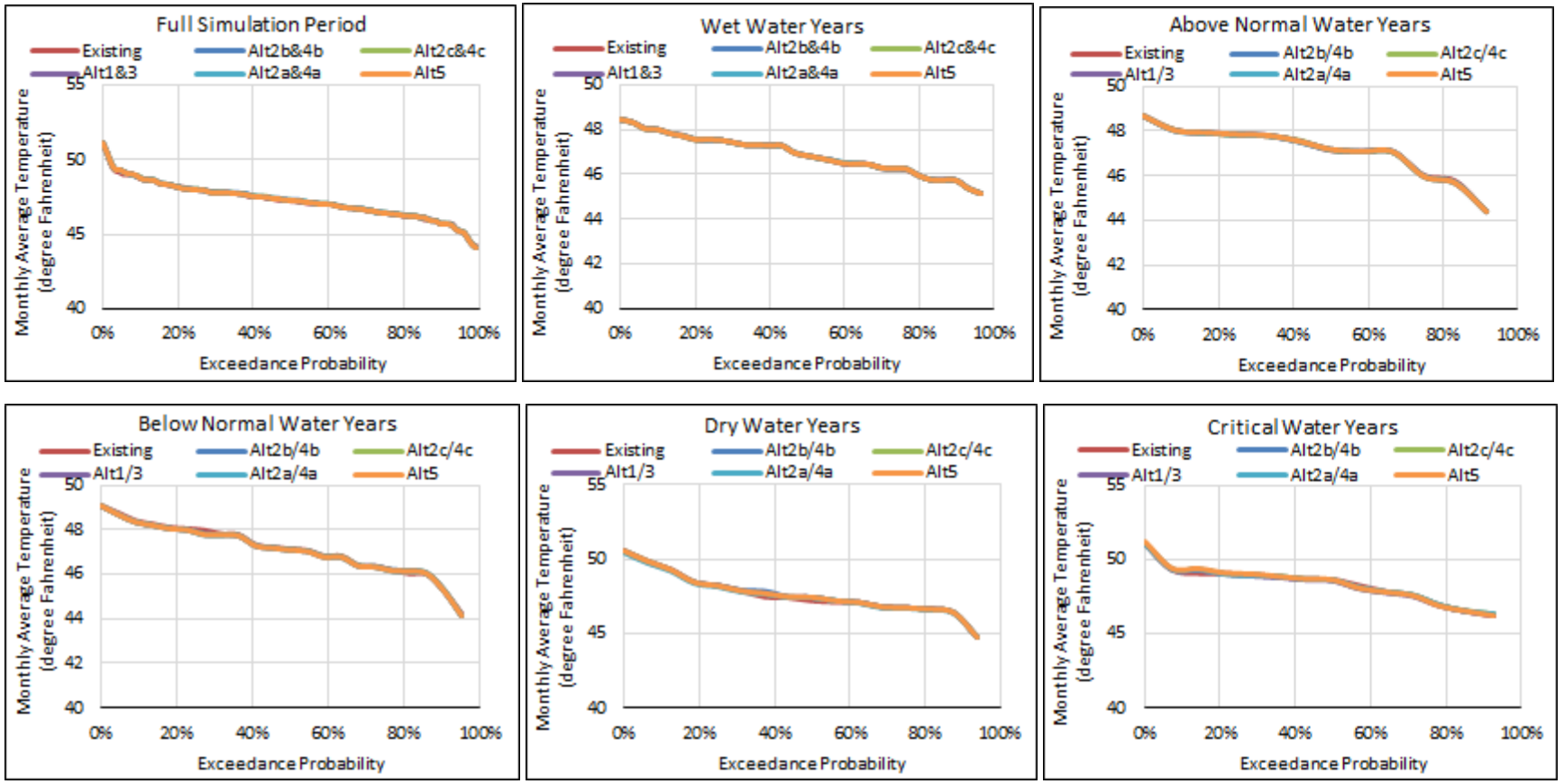


Figure 5A-D1.19.42. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

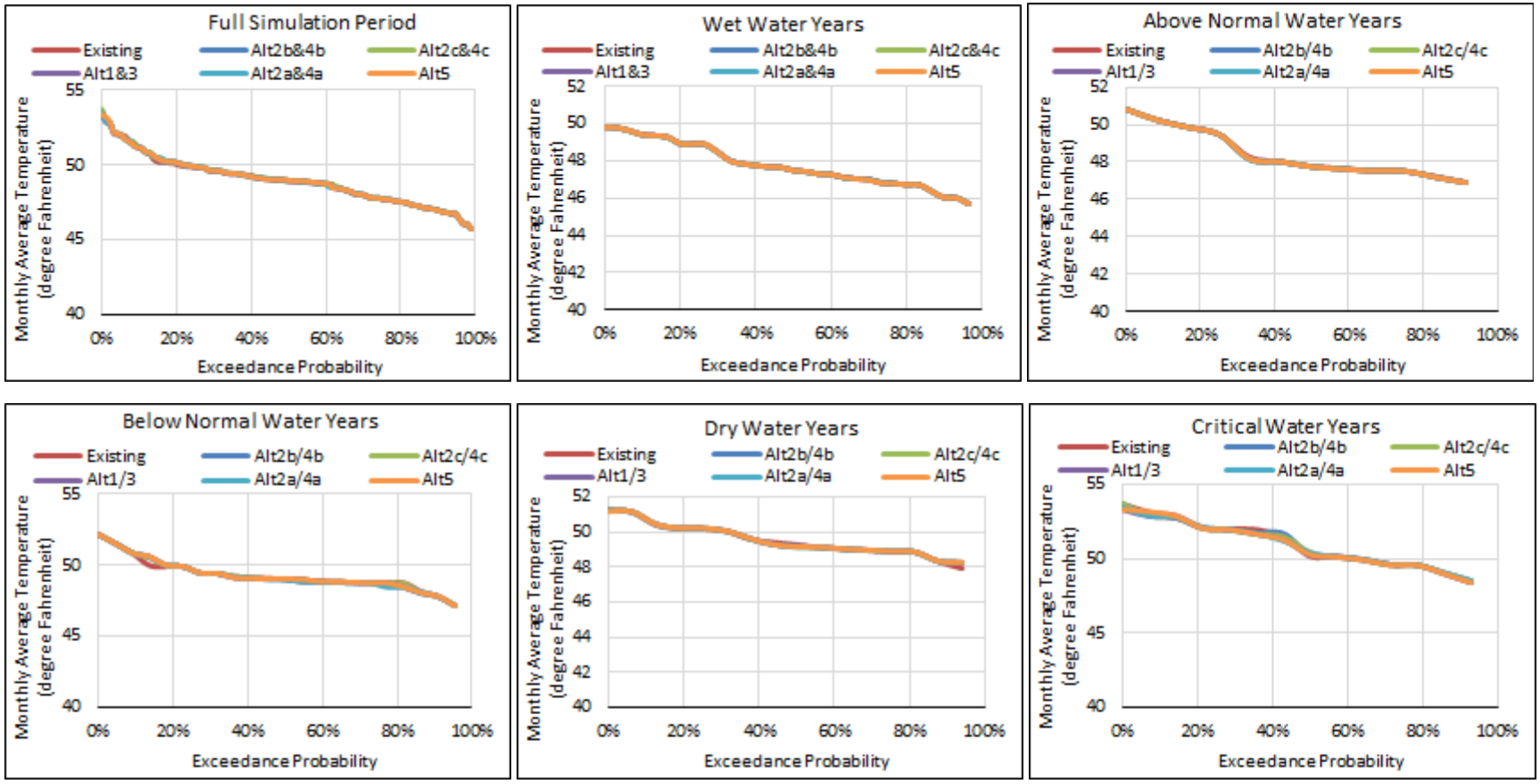


Figure 5A-D1.19.43. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

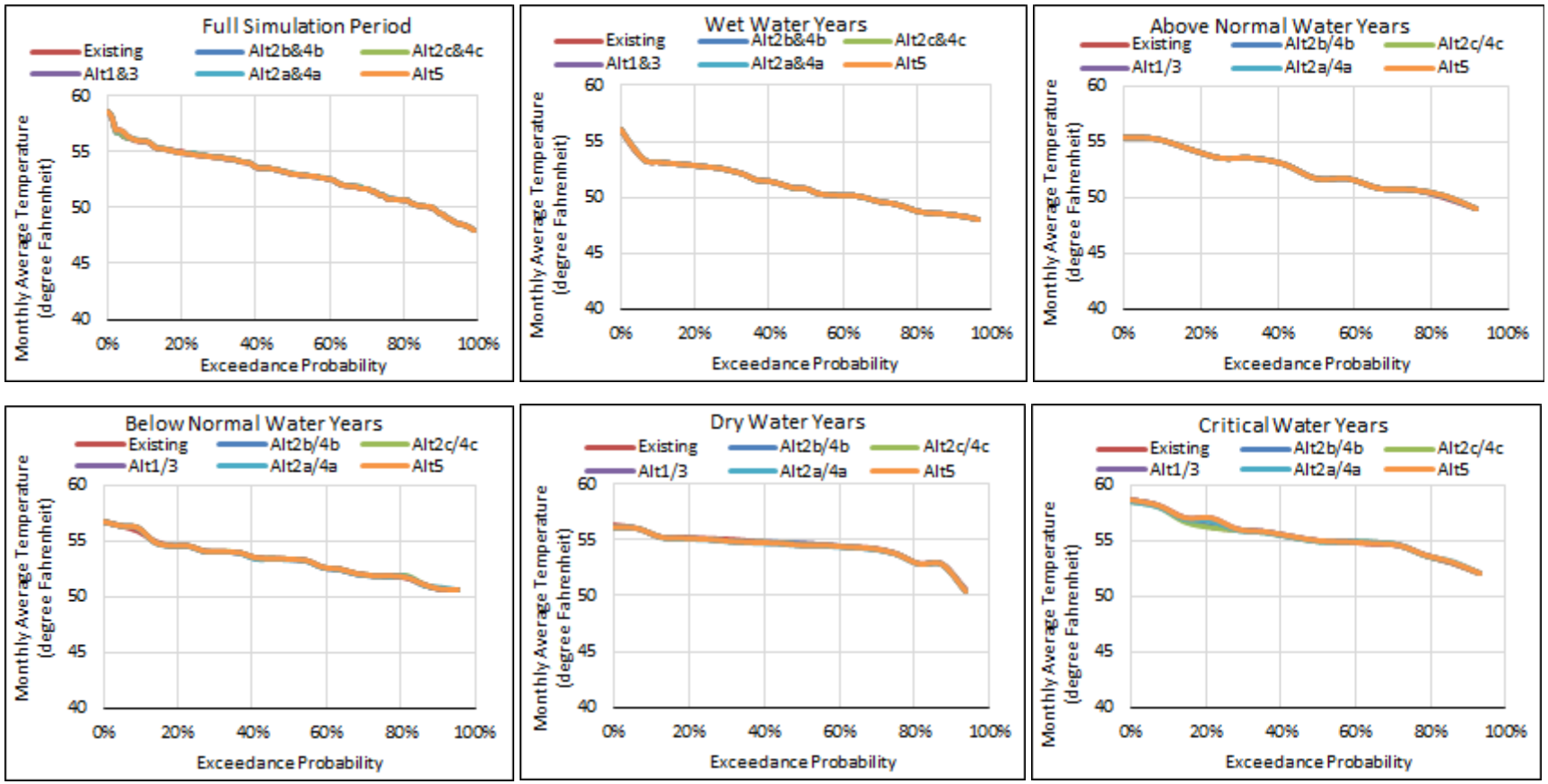


Figure 5A-D1.19.44. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

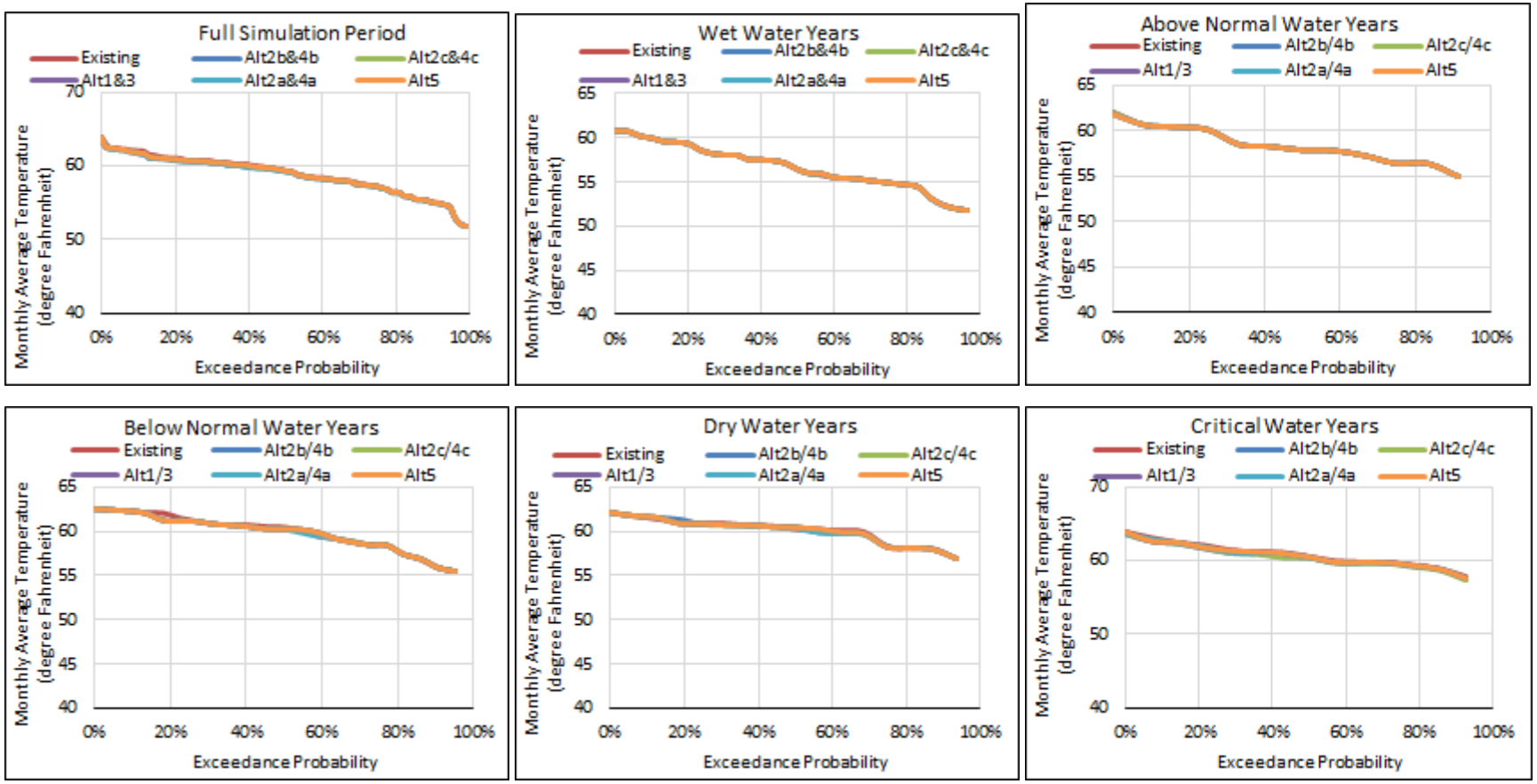


Figure 5A-D1.19.45. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

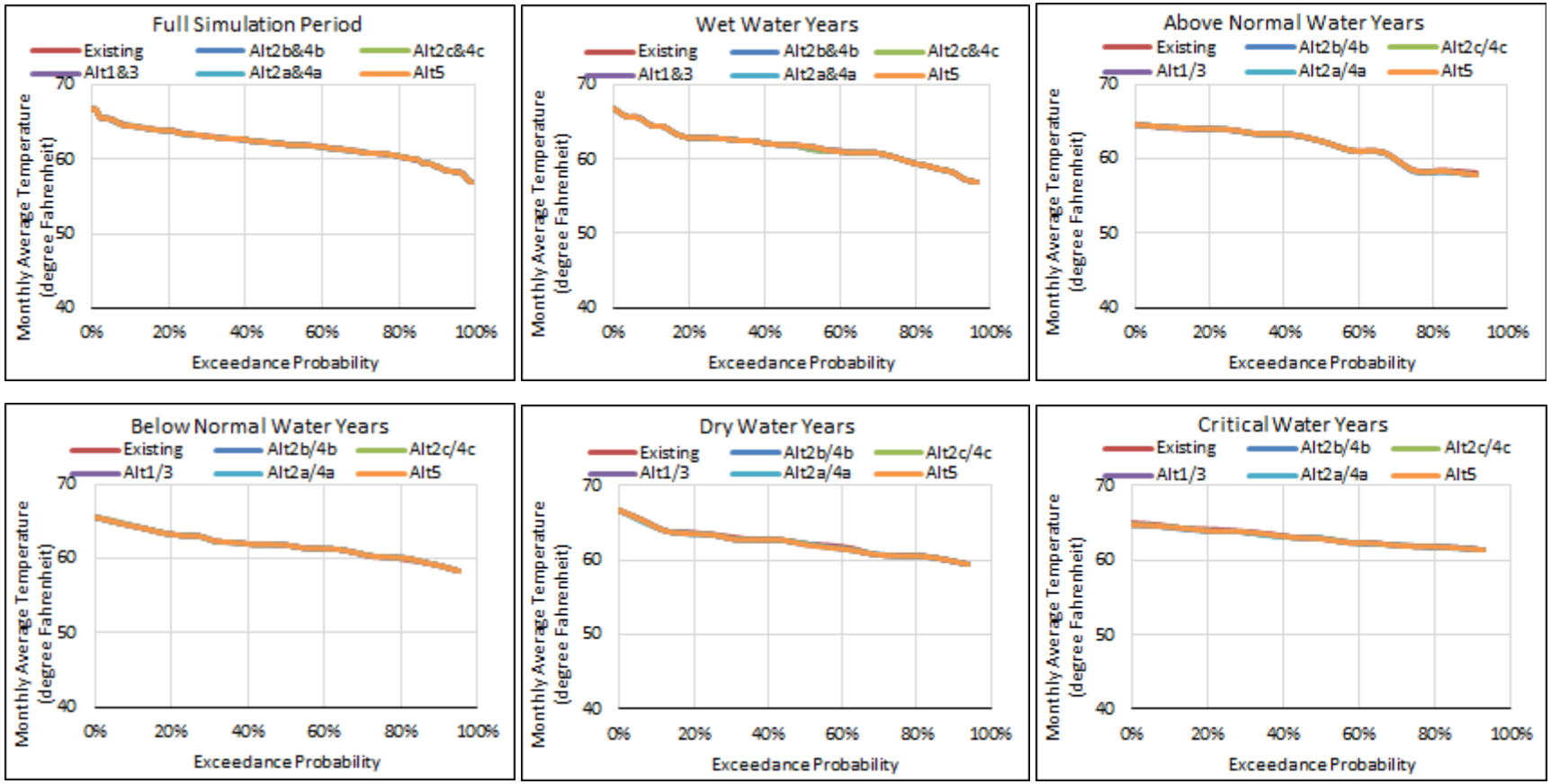


Figure 5A-D1.19.46. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

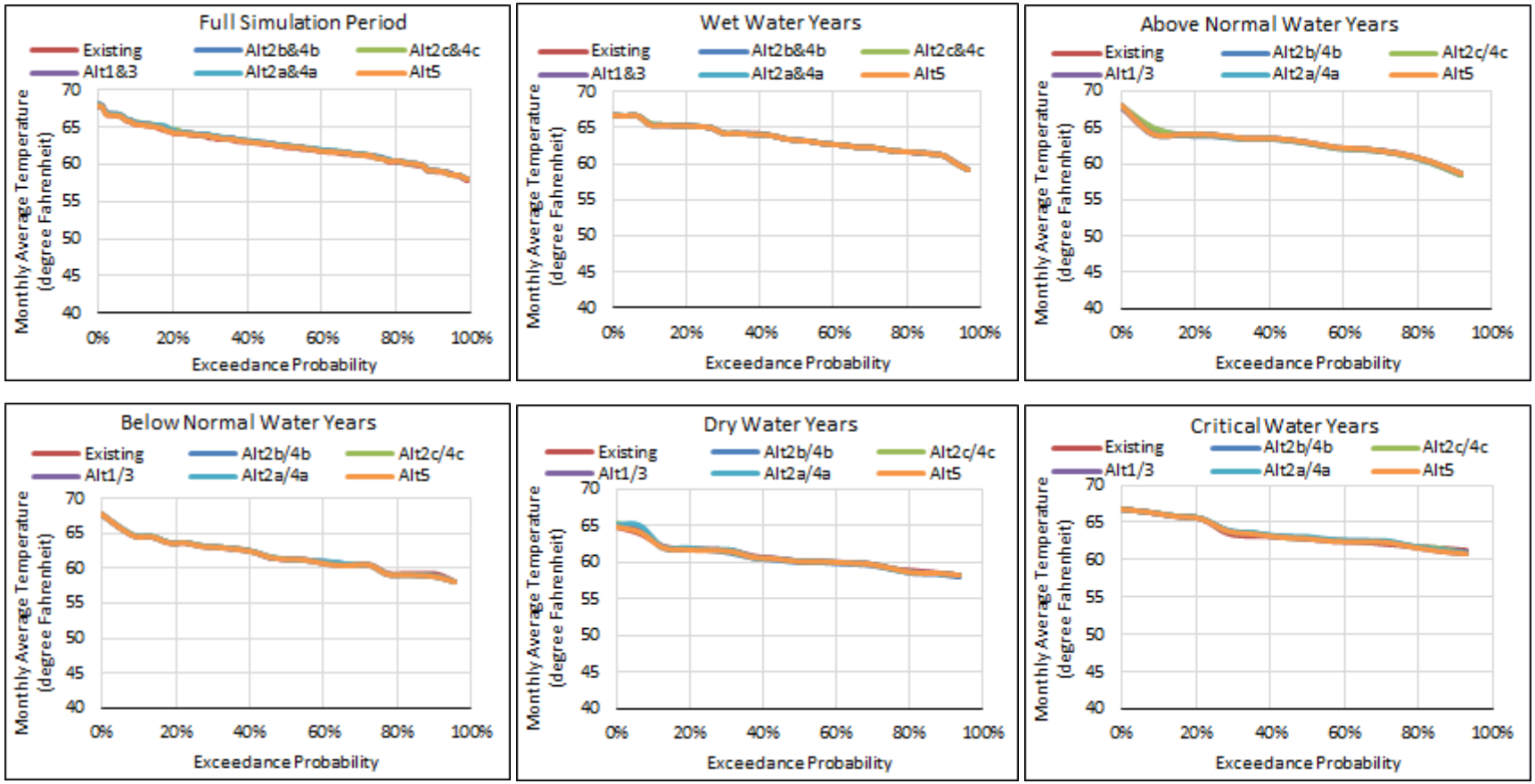


Figure 5A-D1.19.47. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

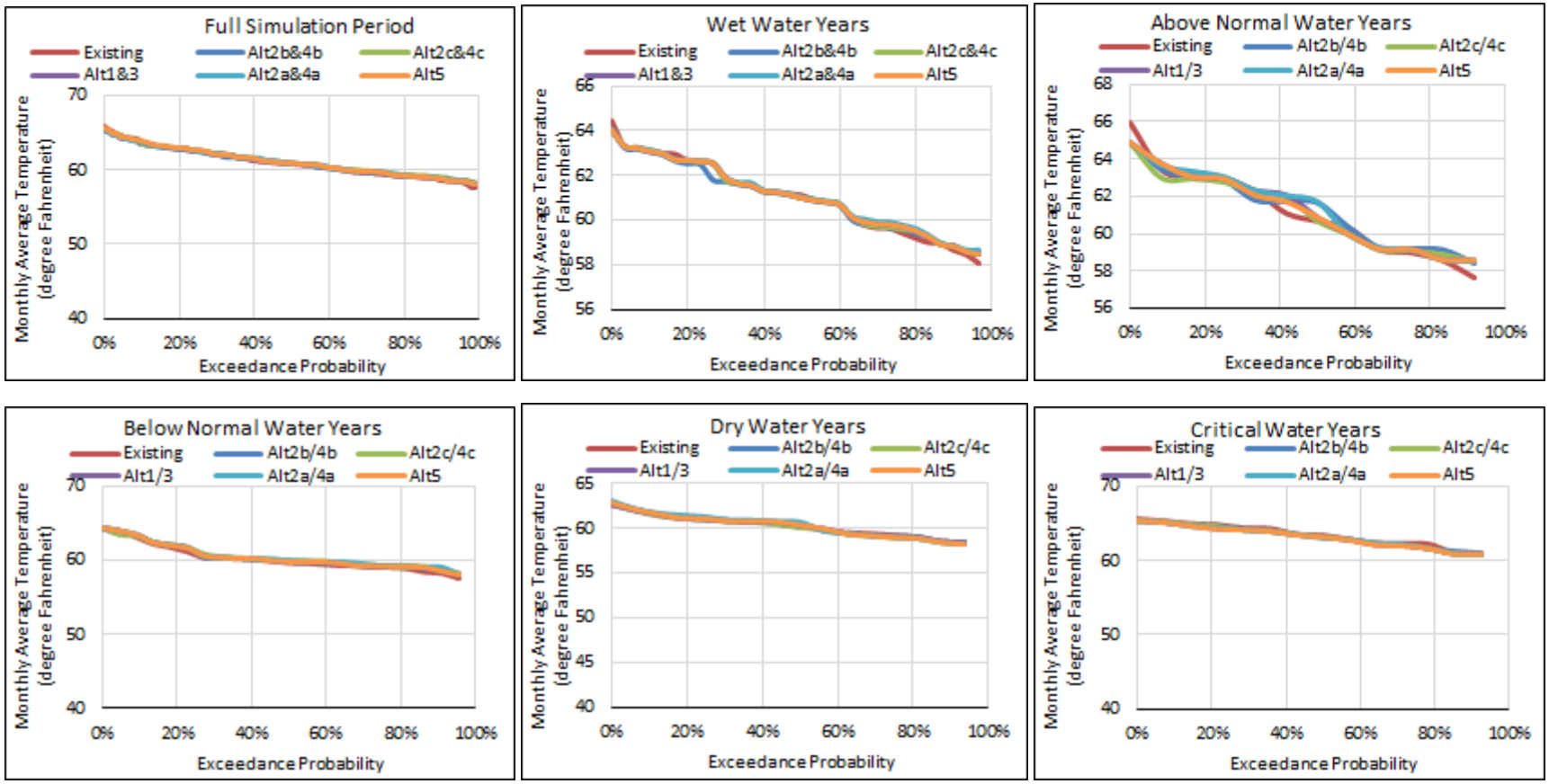


Figure 5A-D1.19.48. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

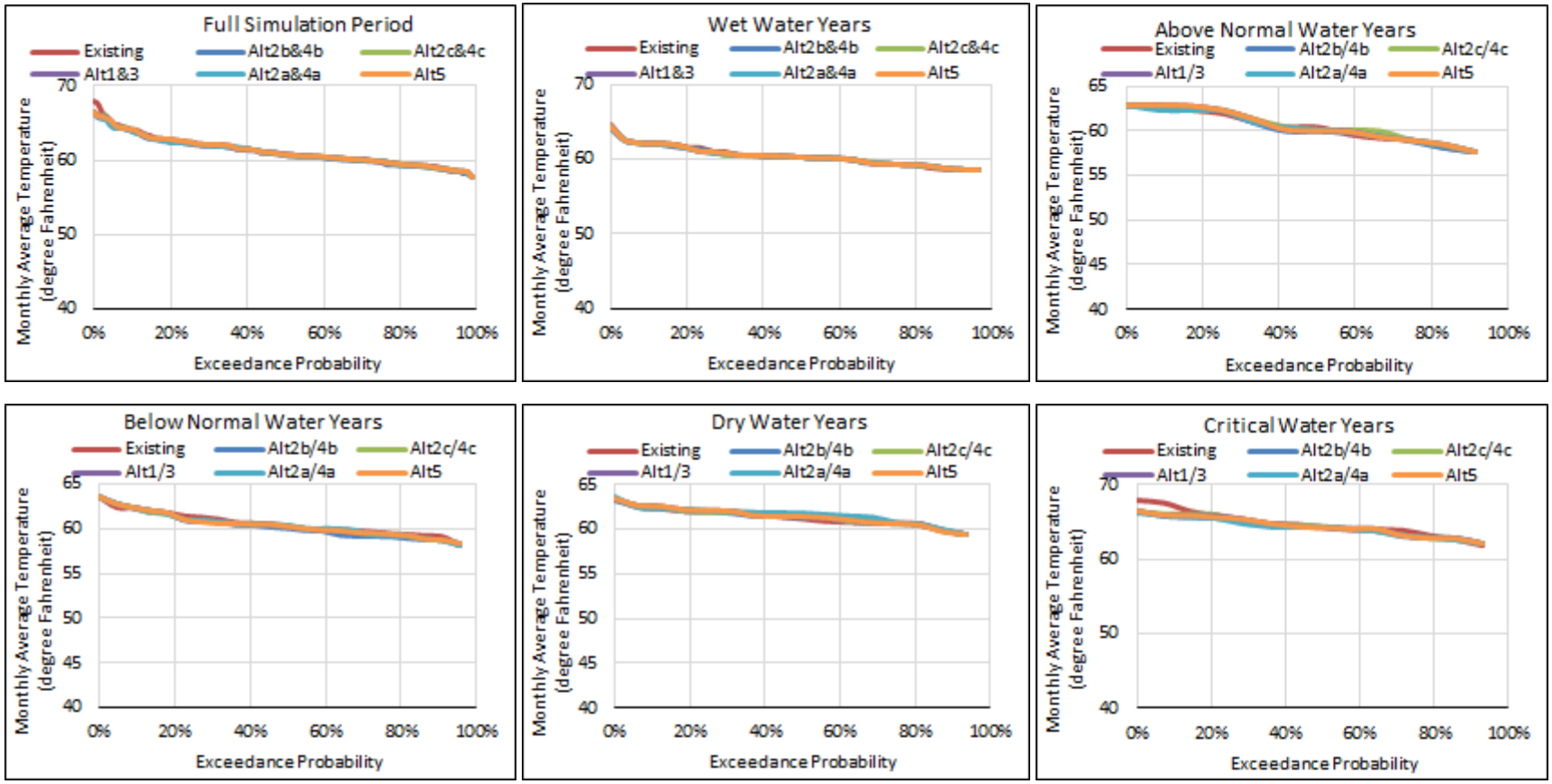
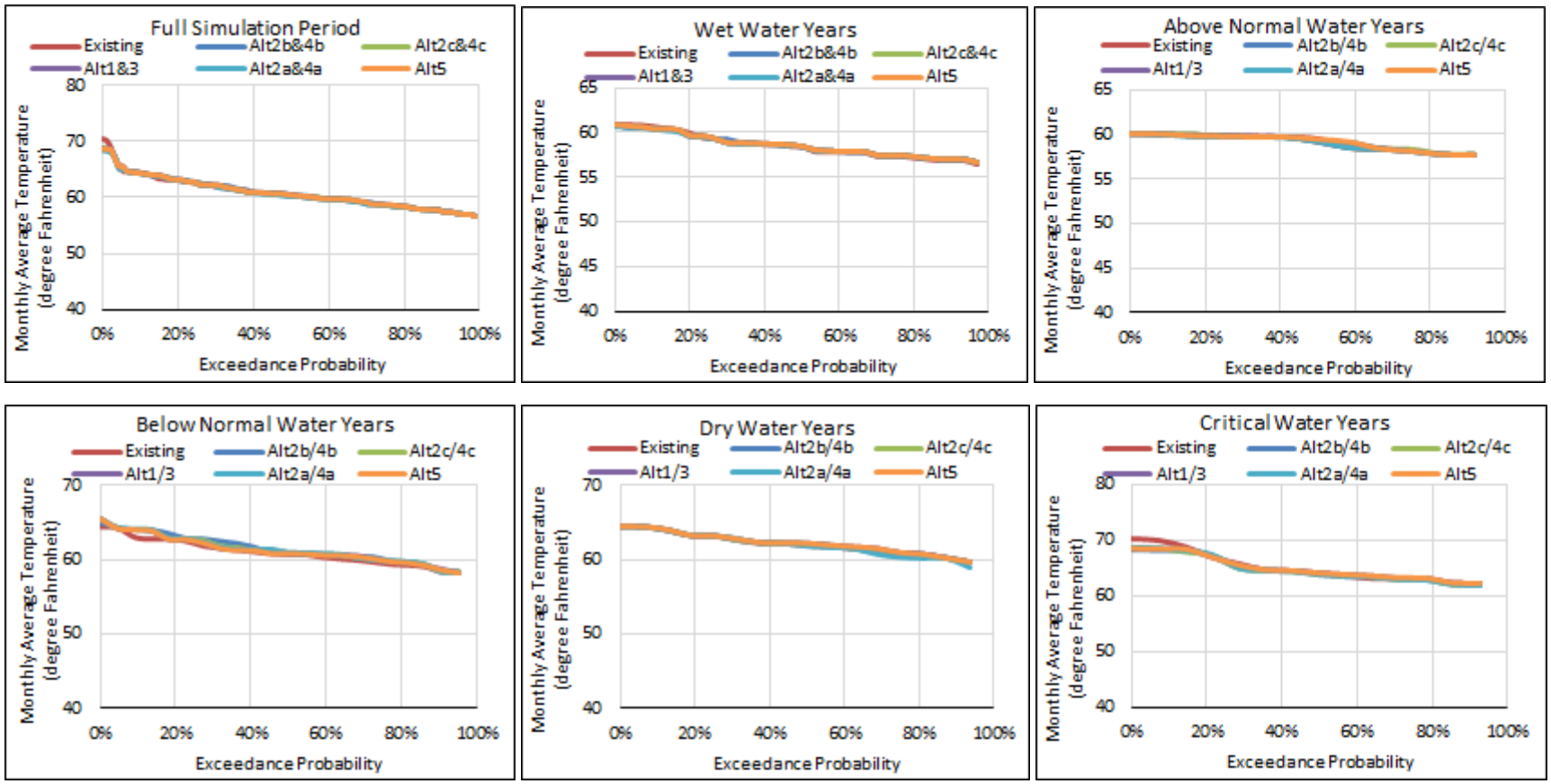


Figure 5A-D1.19.49. Sacramento River at Glenn-Colusa Irrigation District (GCID), Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.20 Sacramento River at Hamilton City

Table 5A-D1.20.1-A. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60.4	55.3	51.1	49.0	51.5	56.4	62.6	65.3	66.4	64.9	64.9	65.1
20%	59.6	54.6	50.1	48.3	50.3	55.4	61.5	64.6	65.3	63.9	63.4	63.6
30%	59.0	54.4	49.8	48.0	49.8	54.9	61.1	63.9	64.6	63.1	62.8	62.6
40%	58.4	54.0	49.6	47.6	49.5	54.1	60.6	63.3	63.9	62.1	62.3	61.5
50%	57.9	53.9	49.5	47.4	49.1	53.3	59.8	62.8	63.2	61.6	61.6	60.9
60%	57.4	53.7	49.3	47.2	48.9	52.8	58.8	62.4	62.6	61.1	61.2	60.3
70%	56.9	53.4	48.8	46.8	48.1	52.0	58.2	61.6	62.2	60.3	60.7	59.6
80%	56.5	53.0	48.5	46.4	47.6	50.9	56.8	61.1	61.2	59.8	60.2	58.9
90%	55.9	52.6	47.7	45.9	47.1	49.8	55.4	59.6	59.8	59.4	59.8	58.3

Table 5A-D1.20.1-B. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.1	53.9	49.4	47.4	49.2	53.2	59.2	62.7	63.4	61.9	62.0	61.4
Wet Water Years	56.7	53.7	49.7	47.0	47.9	51.2	57.0	62.2	64.3	61.8	61.1	59.1
Above Normal Water Years	57.0	53.6	49.3	47.2	48.6	52.7	58.8	62.4	63.6	62.0	61.2	59.7
Below Normal Water Years	58.4	53.9	49.4	47.2	49.4	53.7	60.3	62.5	62.7	61.0	61.4	61.6
Dry Water Years	58.6	53.6	49.5	47.7	49.7	54.7	60.6	63.1	61.5	61.0	62.1	62.8
Critical Water Years	61.4	54.8	48.9	48.5	51.2	55.7	61.2	63.8	64.2	64.3	65.6	65.8

Table 5A-D1.20.1-C. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60.4	55.4	51.1	49.0	51.5	56.4	62.3	65.2	66.4	64.5	64.9	65.1
20%	59.8	54.7	50.1	48.3	50.3	55.3	61.3	64.6	65.7	63.8	63.5	63.9
30%	59.1	54.3	49.8	48.0	49.8	54.9	61.0	63.8	64.7	63.0	62.8	62.9
40%	58.4	54.0	49.6	47.6	49.4	54.1	60.4	63.3	63.9	62.3	62.2	61.6
50%	57.9	53.9	49.5	47.4	49.1	53.3	59.8	62.8	63.3	61.7	61.5	61.0
60%	57.3	53.7	49.3	47.2	48.9	52.8	58.7	62.3	62.6	61.1	61.1	60.4
70%	56.8	53.4	48.8	46.8	48.1	52.0	57.9	61.5	62.2	60.5	60.7	59.8
80%	56.4	53.1	48.5	46.4	47.6	50.9	56.8	61.1	61.2	60.0	60.1	58.9
90%	55.9	52.6	47.7	45.9	47.1	49.8	55.4	59.6	59.9	59.7	59.6	58.3

Table 5A-D1.20.1-D. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.1	53.9	49.4	47.4	49.1	53.2	59.2	62.7	63.4	61.9	61.9	61.5
Wet Water Years	56.6	53.7	49.7	47.0	47.9	51.2	57.0	62.2	64.3	61.8	61.1	59.1
Above Normal Water Years	56.9	53.6	49.3	47.1	48.6	52.7	58.8	62.4	63.7	62.1	61.3	59.7
Below Normal Water Years	58.5	53.9	49.3	47.2	49.4	53.7	60.2	62.5	62.8	61.3	61.1	62.1
Dry Water Years	58.6	53.6	49.5	47.7	49.7	54.7	60.6	63.1	61.6	61.0	62.1	62.9
Critical Water Years	61.4	54.8	48.9	48.5	51.2	55.7	61.1	63.7	64.4	64.2	65.2	65.5

Table 5A-D1.20.1-E. Sacramento River at Hamilton City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	-0.4	-0.1	0.0
20%	0.1	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	0.4	-0.1	0.1	0.4
30%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0	0.3
40%	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0	0.0	0.3	-0.1	0.1
50%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.1
70%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.2	0.0	0.2
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.3	0.0

Table 5A-D1.20.1-F. Sacramento River at Hamilton City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.2	0.5
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.4	-0.3

Table 5A-D1.20.1-G. Sacramento River at Hamilton City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.4%	-0.2%	0.0%	-0.6%	-0.1%	0.0%
20%	0.2%	0.1%	0.0%	0.0%	0.1%	-0.2%	-0.3%	0.0%	0.6%	-0.1%	0.2%	0.6%
30%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.2%	-0.2%	0.0%	0.5%
40%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.1%	0.0%	0.4%	-0.2%	0.1%
50%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%	0.3%
60%	-0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.1%
70%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.4%	-0.1%	0.0%	0.3%	0.0%	0.3%
80%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	-0.1%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	-0.4%	0.0%

Table 5A-D1.20.1-H. Sacramento River at Hamilton City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.4%	0.7%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.2%	-0.1%	-0.7%	-0.4%

Table 5A-D1.20.2-A. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60.4	55.4	51.1	49.0	51.5	56.4	62.4	65.3	66.4	64.4	64.9	65.1
20%	59.6	54.7	50.1	48.3	50.3	55.3	61.3	64.6	65.7	63.8	63.4	63.8
30%	59.1	54.4	49.8	48.0	49.8	54.9	61.0	63.8	64.6	63.1	62.8	62.8
40%	58.6	54.0	49.7	47.6	49.5	54.1	60.4	63.3	63.9	62.3	62.3	61.5
50%	57.9	53.9	49.5	47.4	49.1	53.3	59.8	62.7	63.2	61.6	61.5	60.9
60%	57.3	53.7	49.3	47.2	48.9	52.8	58.7	62.3	62.6	61.1	61.1	60.4
70%	56.8	53.5	48.8	46.8	48.1	52.0	57.9	61.4	62.2	60.6	60.8	59.7
80%	56.4	53.0	48.5	46.4	47.6	50.9	56.8	61.1	61.3	60.0	60.3	58.9
90%	55.9	52.6	47.7	45.9	47.1	49.8	55.4	59.6	59.9	59.6	59.6	58.3

Table 5A-D1.20.2-B. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.1	53.9	49.4	47.4	49.2	53.2	59.2	62.7	63.4	61.9	61.9	61.4
Wet Water Years	56.6	53.7	49.7	47.0	47.9	51.2	57.0	62.2	64.3	61.8	61.1	59.0
Above Normal Water Years	57.0	53.6	49.3	47.2	48.6	52.7	58.8	62.4	63.7	62.0	61.4	59.7
Below Normal Water Years	58.5	53.9	49.3	47.2	49.5	53.7	60.2	62.5	62.7	61.3	61.2	62.1
Dry Water Years	58.6	53.6	49.5	47.7	49.7	54.7	60.6	63.1	61.6	61.0	62.2	62.8
Critical Water Years	61.4	54.8	48.9	48.5	51.2	55.7	61.1	63.7	64.3	64.2	65.2	65.5

Table 5A-D1.20.2-C. Sacramento River at Hamilton City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	-0.5	-0.1	0.0
20%	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	0.4	-0.1	0.0	0.3
30%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.3
40%	0.2	0.0	0.1	0.0	-0.1	0.0	-0.2	0.0	0.0	0.2	0.0	0.0
50%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.2	0.1	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0

Table 5A-D1.20.2-D. Sacramento River at Hamilton City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.20.2-E. Sacramento River at Hamilton City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	-0.7%	-0.1%	0.0%
20%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.2%	-0.4%	0.0%	0.7%	-0.1%	0.0%	0.5%
30%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	-0.1%	0.0%	0.4%
40%	0.4%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.3%	0.0%	0.0%	0.4%	0.0%	0.0%
50%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.1%
60%	-0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%	-0.2%	0.0%
70%	-0.2%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.4%	-0.2%	0.0%	0.4%	0.1%	0.1%
80%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.3%	0.0%

Table 5A-D1.20.2-F. Sacramento River at Hamilton City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.4%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%
Critical Water Years	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.1%	-0.2%	-0.7%	-0.4%

Table 5A-D1.20.3-A. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60.4	55.4	51.1	49.0	51.4	56.4	62.4	65.3	66.4	64.9	64.9	65.1
20%	59.8	54.7	50.1	48.3	50.3	55.3	61.4	64.6	65.3	63.8	63.6	63.9
30%	59.1	54.4	49.8	48.0	49.8	54.9	61.0	63.8	64.7	63.1	62.9	62.8
40%	58.6	54.0	49.6	47.6	49.4	54.1	60.6	63.3	63.9	62.3	62.2	61.6
50%	57.9	53.9	49.5	47.4	49.1	53.3	59.8	62.8	63.2	61.7	61.6	61.1
60%	57.3	53.7	49.3	47.2	48.8	52.8	58.7	62.3	62.6	61.2	61.1	60.3
70%	56.8	53.5	48.8	46.8	48.1	52.0	58.0	61.5	62.1	60.6	60.8	59.7
80%	56.4	53.0	48.5	46.4	47.6	50.9	56.8	61.1	61.2	60.0	60.2	58.9
90%	55.9	52.6	47.7	45.9	47.1	49.8	55.4	59.6	59.9	59.6	59.6	58.3

Table 5A-D1.20.3-B. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.1	53.9	49.4	47.4	49.1	53.2	59.2	62.7	63.4	62.0	62.0	61.5
Wet Water Years	56.7	53.7	49.7	47.0	47.9	51.2	57.0	62.2	64.3	61.8	61.1	59.0
Above Normal Water Years	57.0	53.6	49.3	47.1	48.6	52.7	58.8	62.4	63.6	62.1	61.4	59.6
Below Normal Water Years	58.5	53.9	49.3	47.2	49.5	53.7	60.2	62.5	62.7	61.3	61.2	62.1
Dry Water Years	58.7	53.6	49.5	47.7	49.7	54.7	60.6	63.1	61.5	61.0	62.2	62.9
Critical Water Years	61.5	54.8	48.9	48.5	51.2	55.8	61.2	63.7	64.3	64.1	65.2	65.6

Table 5A-D1.20.3-C. Sacramento River at Hamilton City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0	0.0
20%	0.1	0.1	0.0	0.0	0.1	-0.1	-0.1	0.0	0.1	-0.1	0.2	0.3
30%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.1	0.3
40%	0.2	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.3	-0.1	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
60%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	-0.1	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	0.3	0.1	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0

Table 5A-D1.20.3-D. Sacramento River at Hamilton City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.0	0.1	0.0	0.0	-0.1	0.1	-0.1	-0.1	0.1	-0.1	-0.4	-0.2

Table 5A-D1.20.3-E. Sacramento River at Hamilton City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.1%	0.1%	0.0%	-0.2%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%
20%	0.2%	0.1%	0.0%	0.0%	0.1%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	0.3%	0.5%
30%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	-0.1%	0.1%	0.4%
40%	0.4%	0.0%	-0.1%	0.0%	-0.2%	0.0%	-0.1%	0.1%	0.0%	0.4%	-0.1%	0.1%
50%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%
60%	-0.2%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.2%	-0.1%	0.0%
70%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.2%	0.4%	0.1%	0.1%
80%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.2%	-0.1%	-0.1%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.4%	0.0%

Table 5A-D1.20.3-F. Sacramento River at Hamilton City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%
Below Normal Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.7%	-0.3%

Table 5A-D1.20.4-A. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60.4	55.4	51.1	49.0	51.4	56.4	62.4	65.3	66.4	64.8	64.9	65.1
20%	59.7	54.7	50.1	48.3	50.3	55.3	61.5	64.6	65.5	64.0	63.3	63.9
30%	59.1	54.3	49.8	48.0	49.8	54.9	61.0	63.8	64.7	63.1	62.8	62.6
40%	58.5	54.0	49.6	47.6	49.5	54.1	60.4	63.3	63.9	62.5	62.4	61.4
50%	57.8	53.9	49.5	47.4	49.1	53.4	59.8	62.8	63.2	61.7	61.6	60.8
60%	57.3	53.7	49.3	47.2	48.8	52.8	58.7	62.3	62.7	61.2	61.2	60.3
70%	56.8	53.5	48.8	46.8	48.1	52.0	58.0	61.5	62.1	60.6	60.7	59.6
80%	56.4	53.1	48.5	46.4	47.6	50.9	56.8	61.1	61.2	60.1	60.1	58.9
90%	55.9	52.6	47.7	45.9	47.1	49.8	55.4	59.6	59.9	59.6	59.6	58.3

Table 5A-D1.20.4-B. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.1	53.9	49.4	47.4	49.1	53.3	59.2	62.7	63.4	62.0	61.9	61.4
Wet Water Years	56.7	53.7	49.7	47.0	47.9	51.2	57.0	62.2	64.3	61.9	61.1	59.0
Above Normal Water Years	56.9	53.6	49.3	47.1	48.6	52.7	58.8	62.4	63.6	62.2	61.3	59.6
Below Normal Water Years	58.4	53.9	49.3	47.2	49.4	53.7	60.2	62.5	62.7	61.4	61.2	62.0
Dry Water Years	58.6	53.6	49.5	47.7	49.7	54.7	60.6	63.1	61.7	61.1	62.3	62.7
Critical Water Years	61.4	54.8	48.9	48.5	51.2	55.8	61.2	63.7	64.3	64.1	65.1	65.5

Table 5A-D1.20.4-C. Sacramento River at Hamilton City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	-0.1	0.0	-0.2	-0.1	0.0	-0.1	-0.1	0.0
20%	0.1	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.2	0.1	-0.1	0.3
30%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.1
40%	0.1	0.0	0.0	0.0	-0.1	0.0	-0.2	0.1	0.1	0.4	0.2	0.0
50%	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	-0.1	-0.1
70%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	0.3	0.0	-0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	-0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.2	0.0

Table 5A-D1.20.4-D. Sacramento River at Hamilton City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	0.1	0.2	-0.2
Critical Water Years	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	-0.1	0.1	-0.1	-0.5	-0.3

Table 5A-D1.20.4-E. Sacramento River at Hamilton City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.1%	0.0%	-0.2%	0.0%	-0.3%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%
20%	0.1%	0.1%	0.0%	0.0%	0.1%	-0.2%	-0.1%	0.0%	0.3%	0.1%	-0.2%	0.5%
30%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.2%	0.0%	0.0%	0.1%
40%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.1%	0.1%	0.7%	0.3%	-0.1%
50%	-0.2%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%
60%	-0.2%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.1%	0.3%	-0.1%	-0.1%
70%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.3%	-0.1%	-0.2%	0.4%	0.0%	-0.1%
80%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.3%	-0.1%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	-0.3%	0.0%

Table 5A-D1.20.4-F. Sacramento River at Hamilton City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.2%	-0.1%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	-0.2%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.6%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.3%	0.2%	0.3%	-0.3%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-0.8%	-0.4%

Table 5A-D1.20.5-A. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	60.4	55.4	51.1	49.0	51.4	56.4	62.4	65.3	66.4	64.9	64.9	65.1
20%	59.8	54.7	50.1	48.3	50.3	55.3	61.4	64.6	65.3	63.8	63.6	63.9
30%	59.1	54.4	49.8	48.0	49.8	54.9	61.0	63.8	64.7	62.9	62.8	62.8
40%	58.6	54.0	49.6	47.6	49.4	54.1	60.6	63.3	63.9	62.3	62.2	61.6
50%	57.9	53.9	49.5	47.4	49.1	53.3	59.8	62.8	63.2	61.7	61.5	61.1
60%	57.3	53.7	49.3	47.1	48.8	52.8	58.7	62.3	62.6	61.2	61.1	60.3
70%	56.8	53.5	48.8	46.8	48.1	52.0	58.0	61.5	62.1	60.6	60.7	59.8
80%	56.4	53.0	48.5	46.4	47.6	50.9	56.8	61.1	61.3	60.0	60.2	58.9
90%	55.9	52.6	47.7	45.9	47.1	49.8	55.4	59.6	59.9	59.6	59.6	58.3

Table 5A-D1.20.5-B. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.1	53.9	49.4	47.4	49.1	53.2	59.2	62.7	63.4	61.9	61.9	61.5
Wet Water Years	56.6	53.7	49.7	47.0	47.9	51.2	57.0	62.2	64.3	61.8	61.1	59.0
Above Normal Water Years	57.0	53.6	49.3	47.1	48.6	52.7	58.8	62.4	63.6	62.0	61.3	59.7
Below Normal Water Years	58.5	53.9	49.3	47.2	49.5	53.7	60.2	62.5	62.7	61.3	61.2	62.0
Dry Water Years	58.7	53.6	49.5	47.7	49.7	54.7	60.6	63.1	61.5	61.0	62.2	62.9
Critical Water Years	61.5	54.8	48.9	48.5	51.2	55.8	61.2	63.7	64.3	64.1	65.2	65.6

Table 5A-D1.20.5-C. Sacramento River at Hamilton City, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0	0.0
20%	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.1	-0.1	0.2	0.3
30%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.2	0.1	0.3
40%	0.2	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.3	-0.1	0.1
50%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
60%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	-0.1	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1	0.3	0.0	0.2
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0

Table 5A-D1.20.5-D. Sacramento River at Hamilton City, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.4	-0.2

Table 5A-D1.20.5-E. Sacramento River at Hamilton City, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.1%	0.0%	-0.2%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%
20%	0.2%	0.1%	0.0%	0.0%	0.1%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	0.3%	0.5%
30%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	-0.3%	0.1%	0.4%
40%	0.4%	0.0%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.1%	0.0%	0.4%	-0.1%	0.1%
50%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.3%
60%	-0.2%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.2%	-0.1%	0.0%
70%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.2%	0.4%	0.0%	0.3%
80%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.3%	-0.1%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.4%	0.0%

Table 5A-D1.20.5-F. Sacramento River at Hamilton City, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
Below Normal Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.7%	-0.3%

Figure 5A-D1.20.1. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

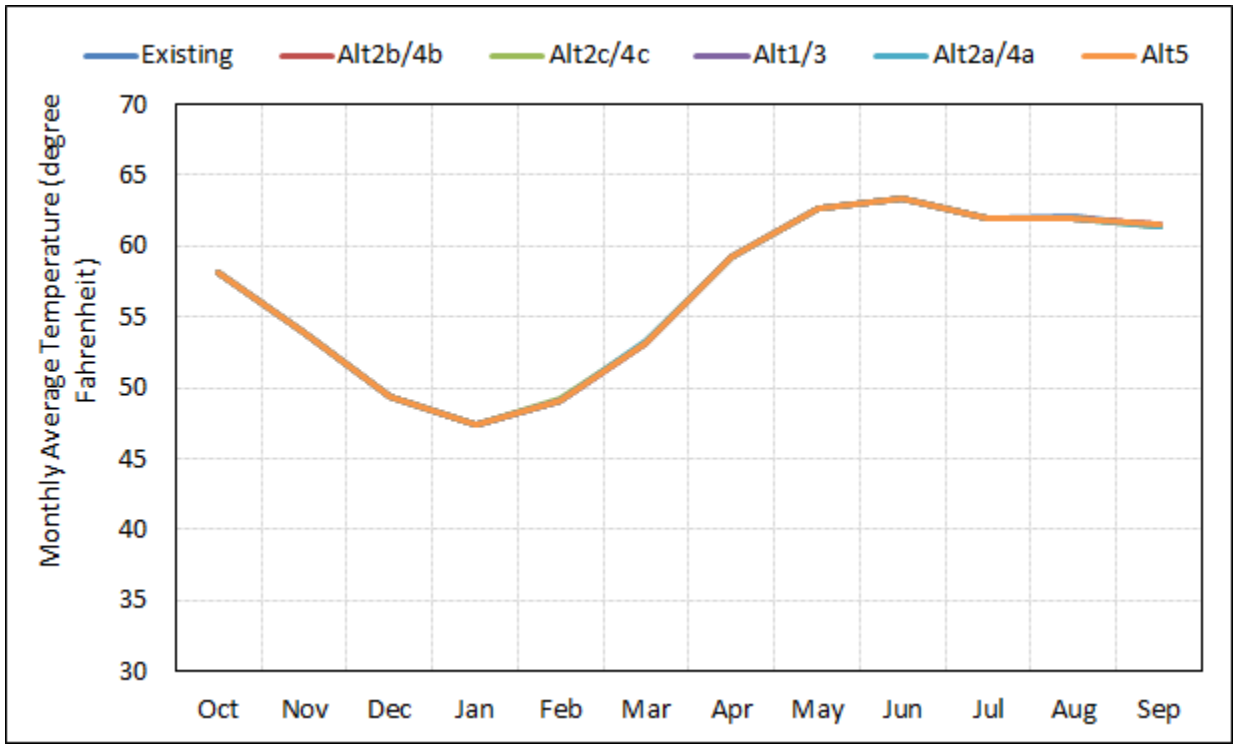


Figure 5A-D1.20.2. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

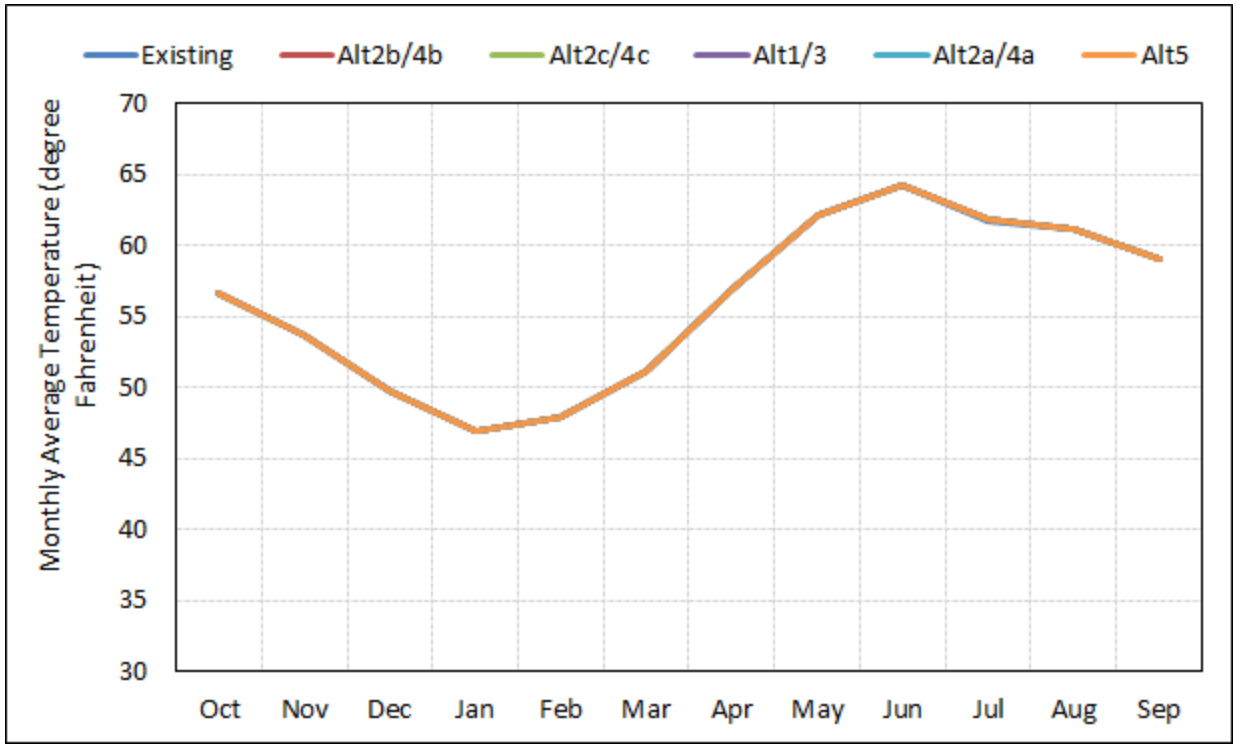


Figure 5A-D1.20.3. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

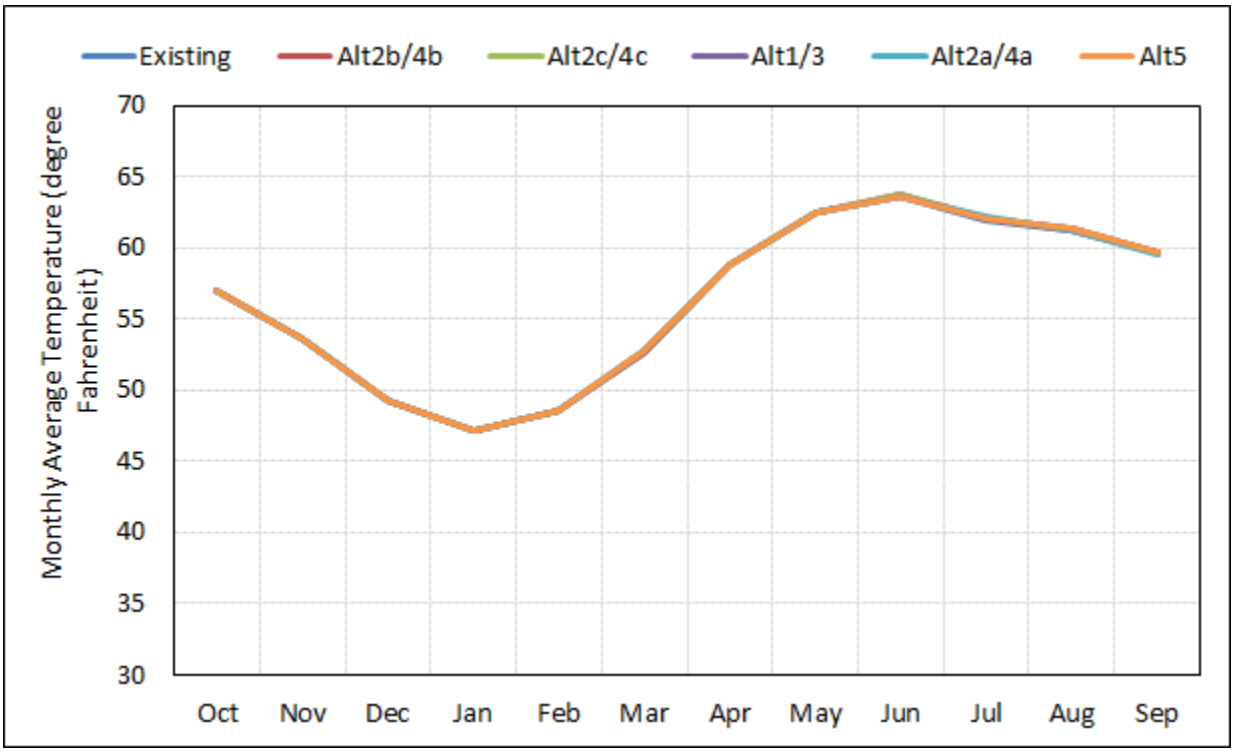


Figure 5A-D1.20.4. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

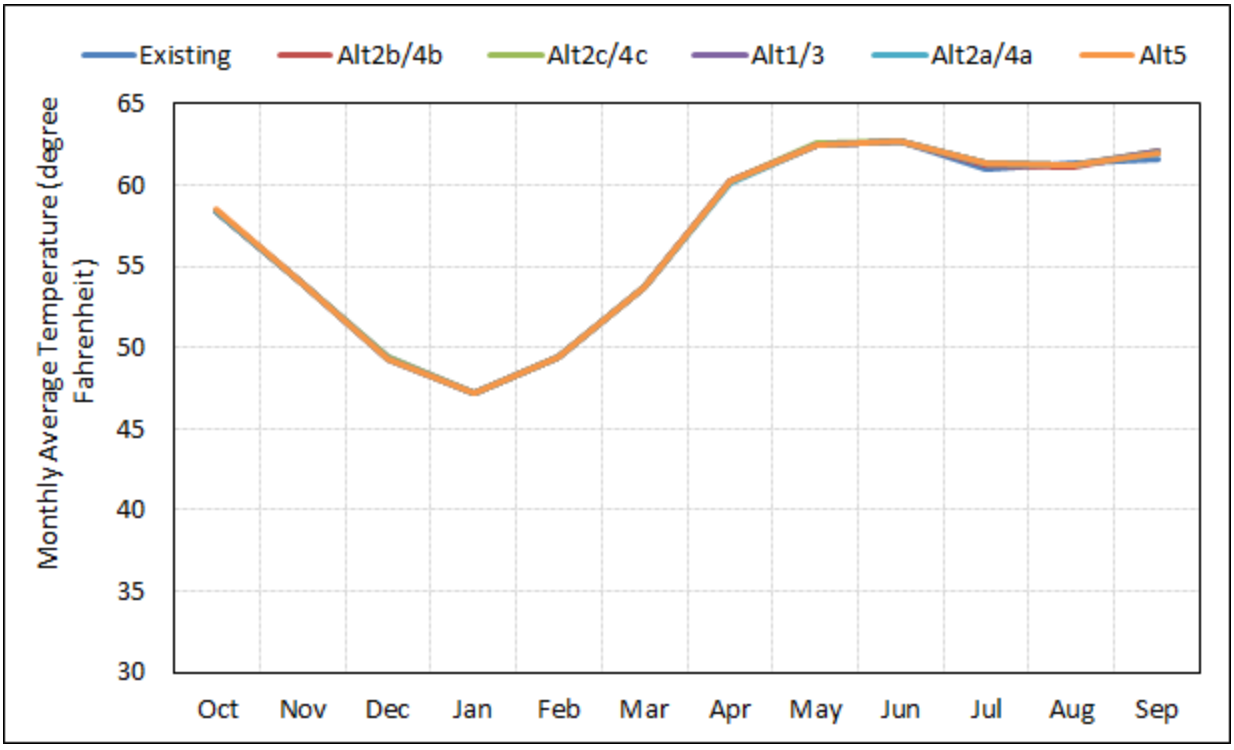


Figure 5A-D1.20.5. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

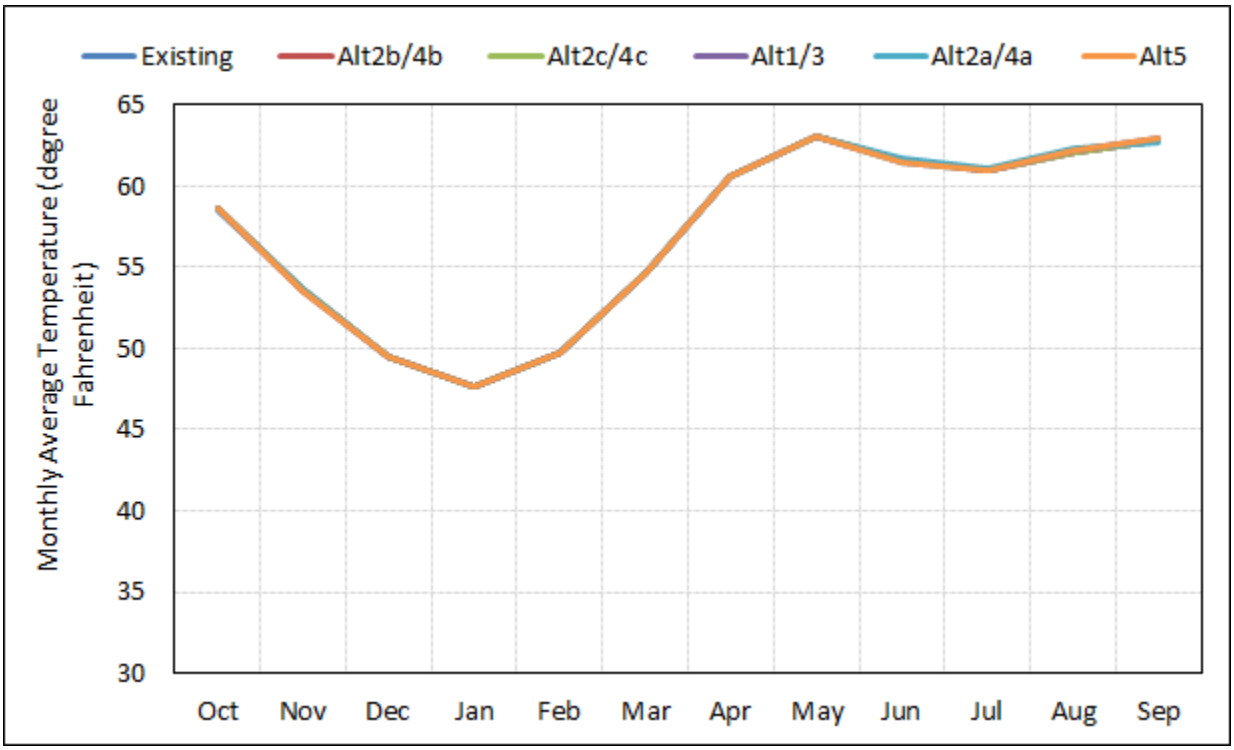


Figure 5A-D1.20.6. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

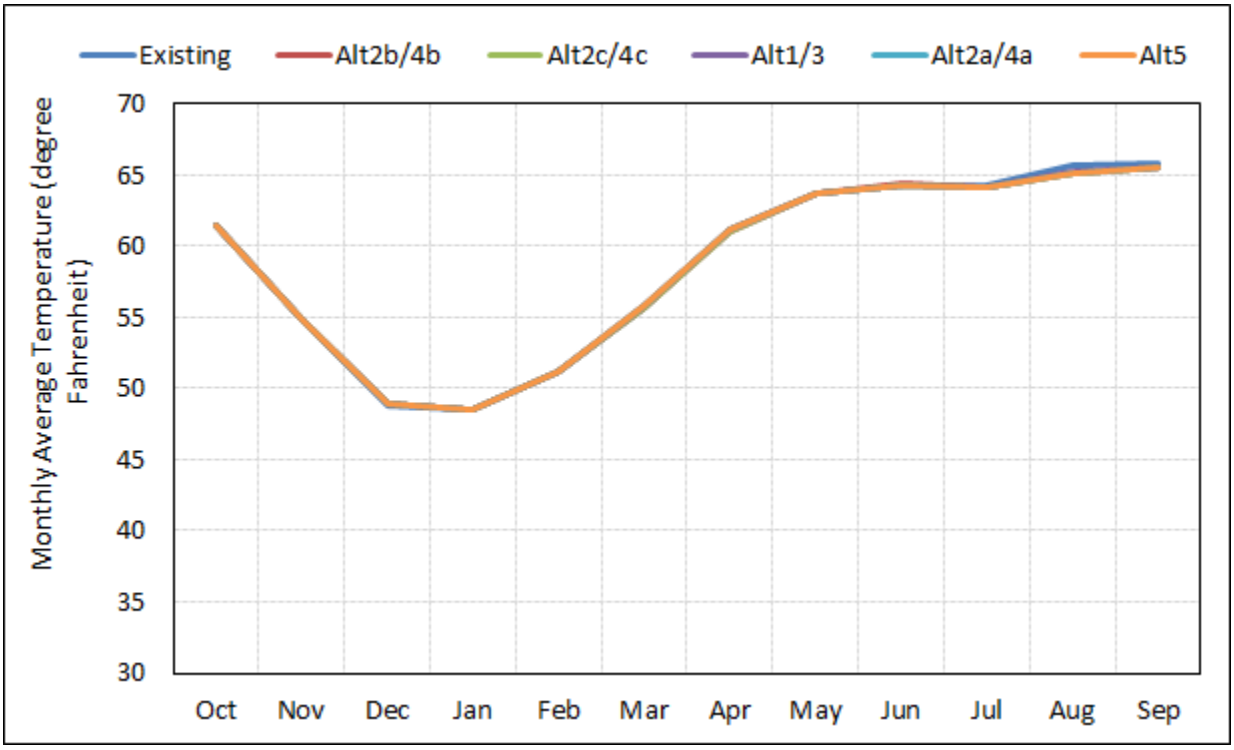


Figure 5A-D1.20.7. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

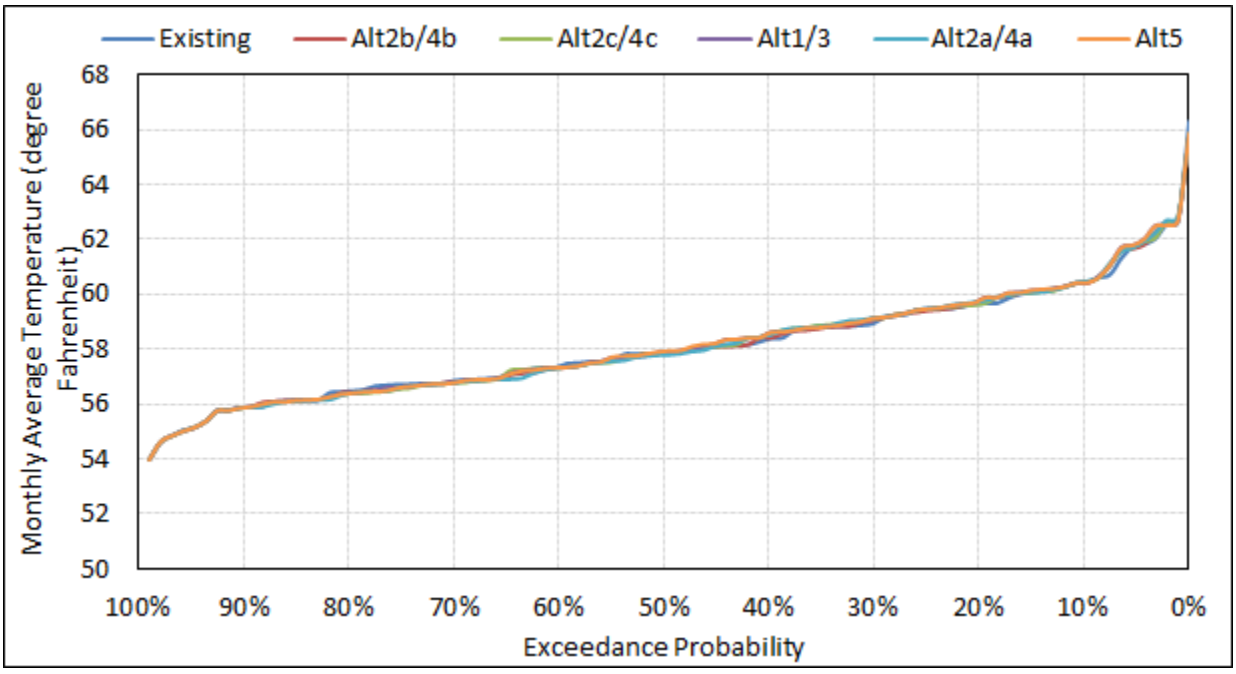


Figure 5A-D1.20.8. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

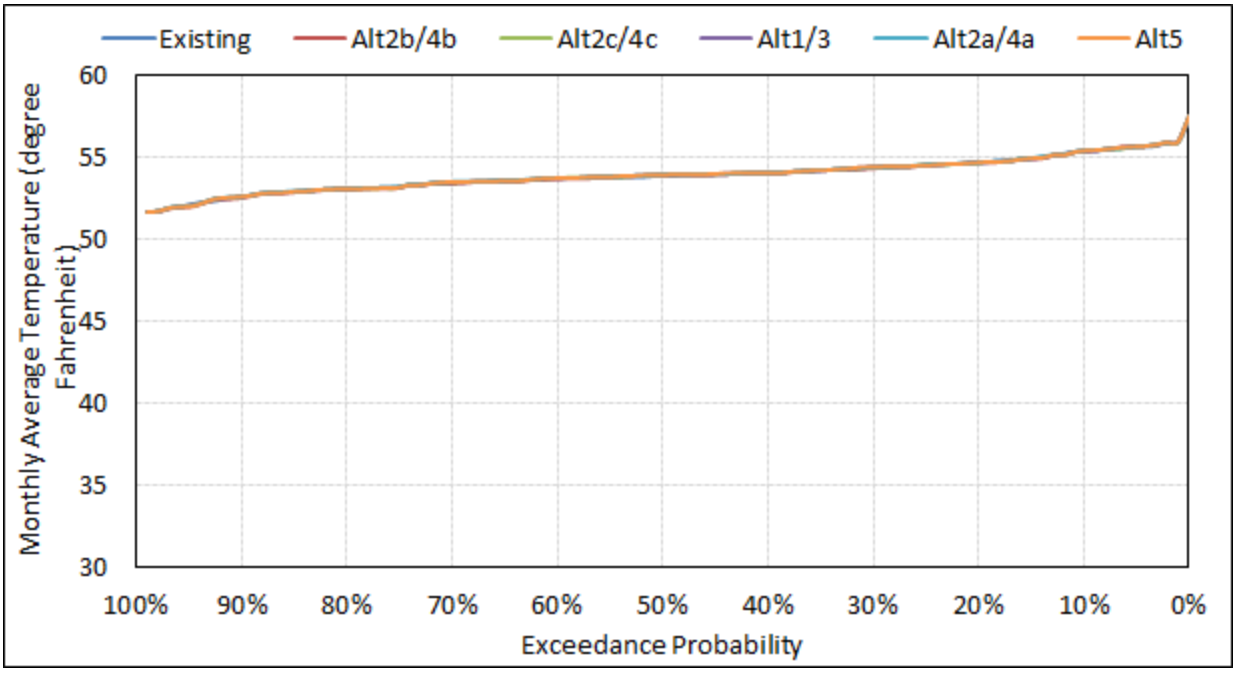


Figure 5A-D1.20.9. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

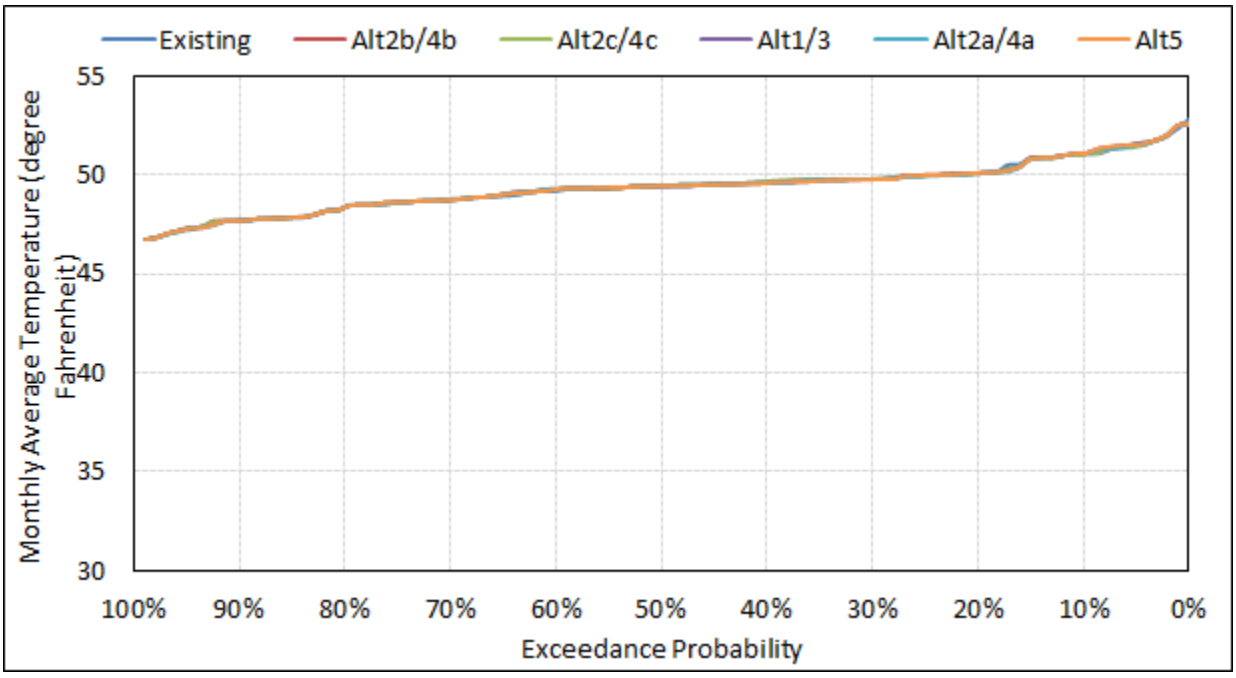


Figure 5A-D1.20.10. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

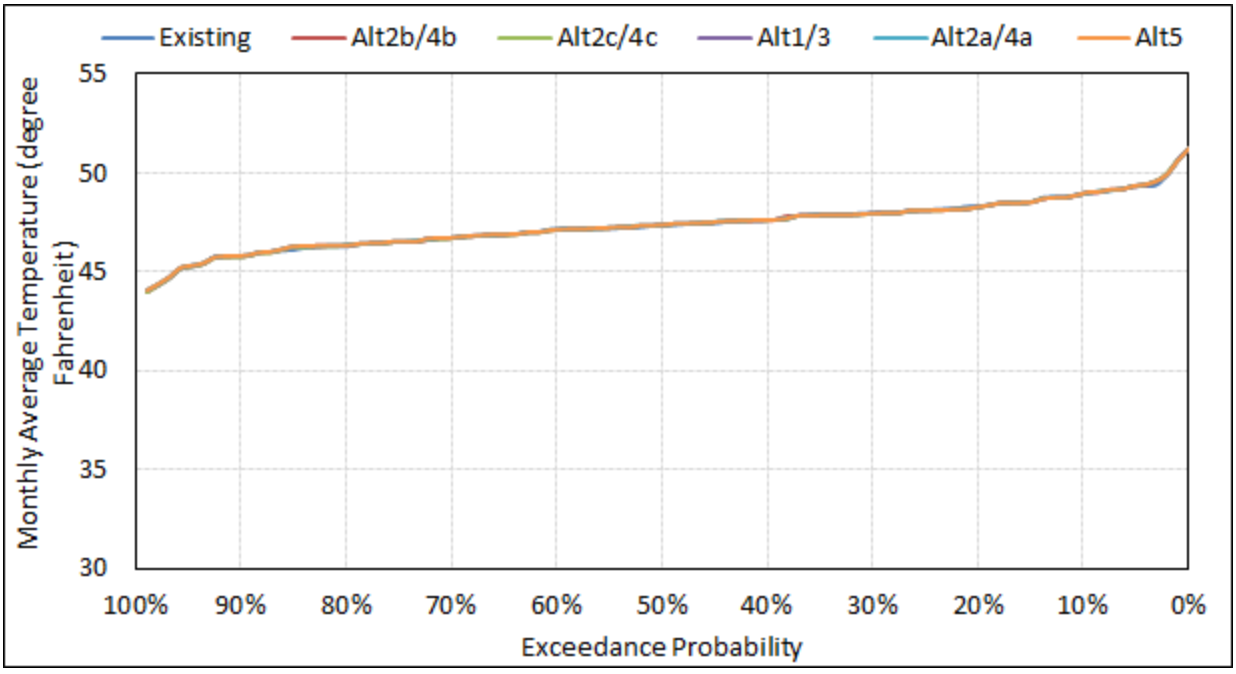


Figure 5A-D1.20.11. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

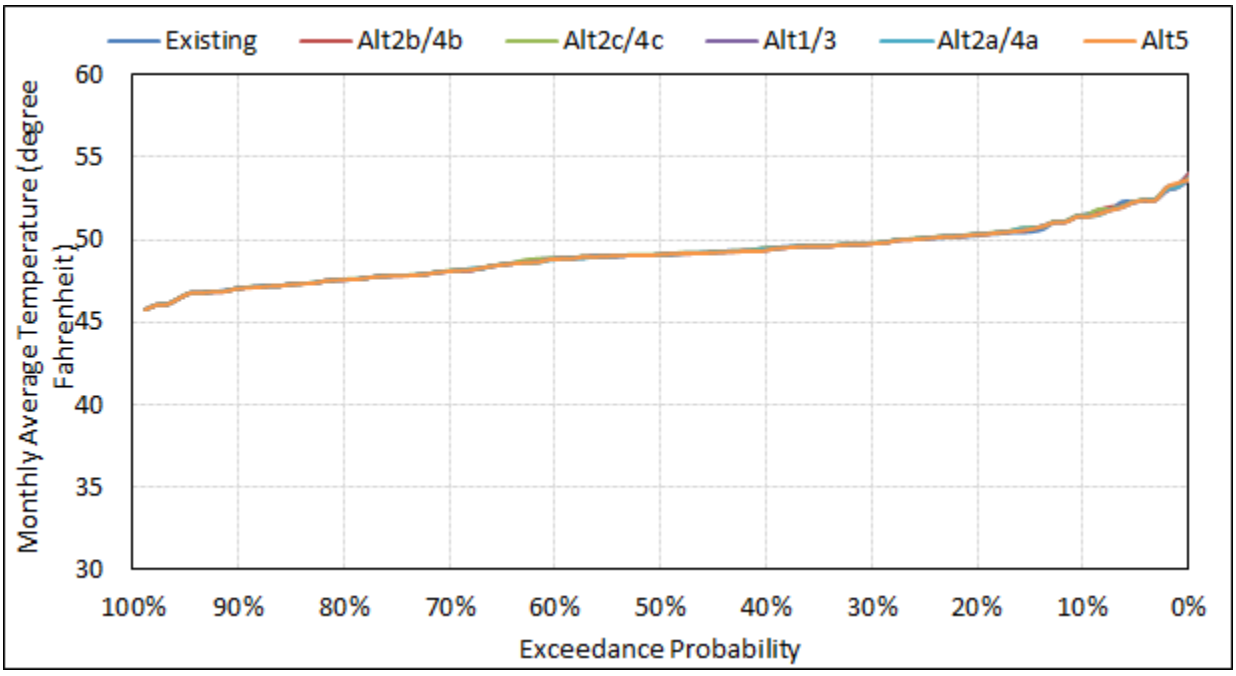


Figure 5A-D1.20.12. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

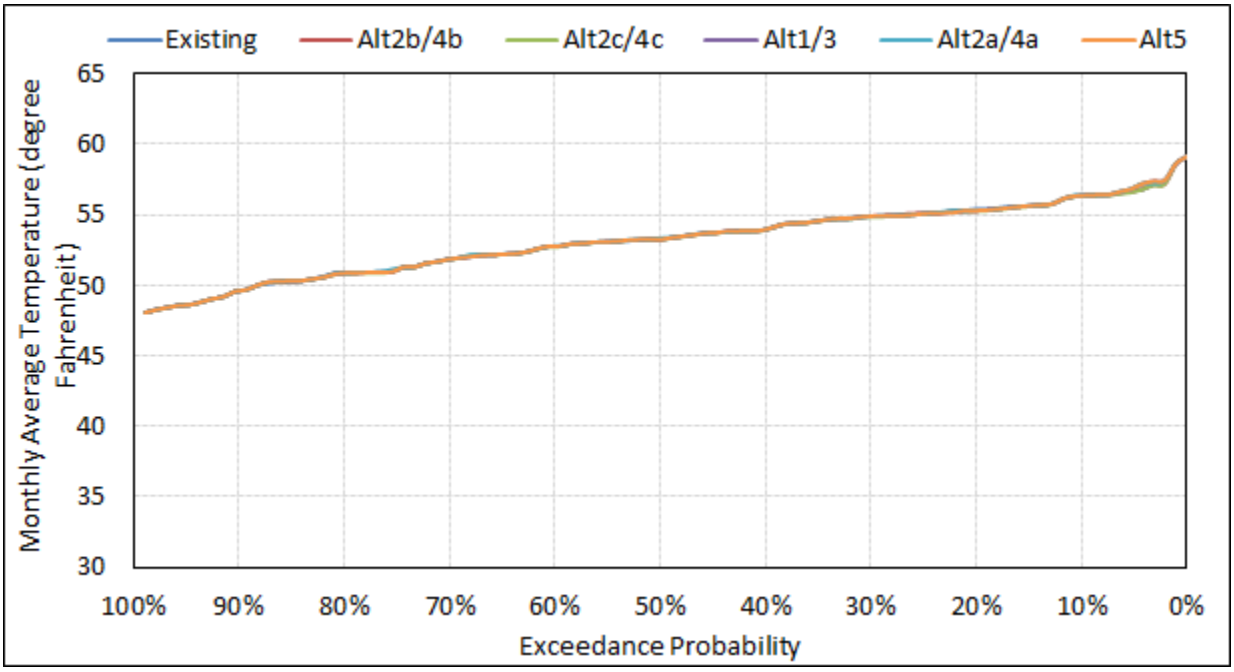


Figure 5A-D1.20.13. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

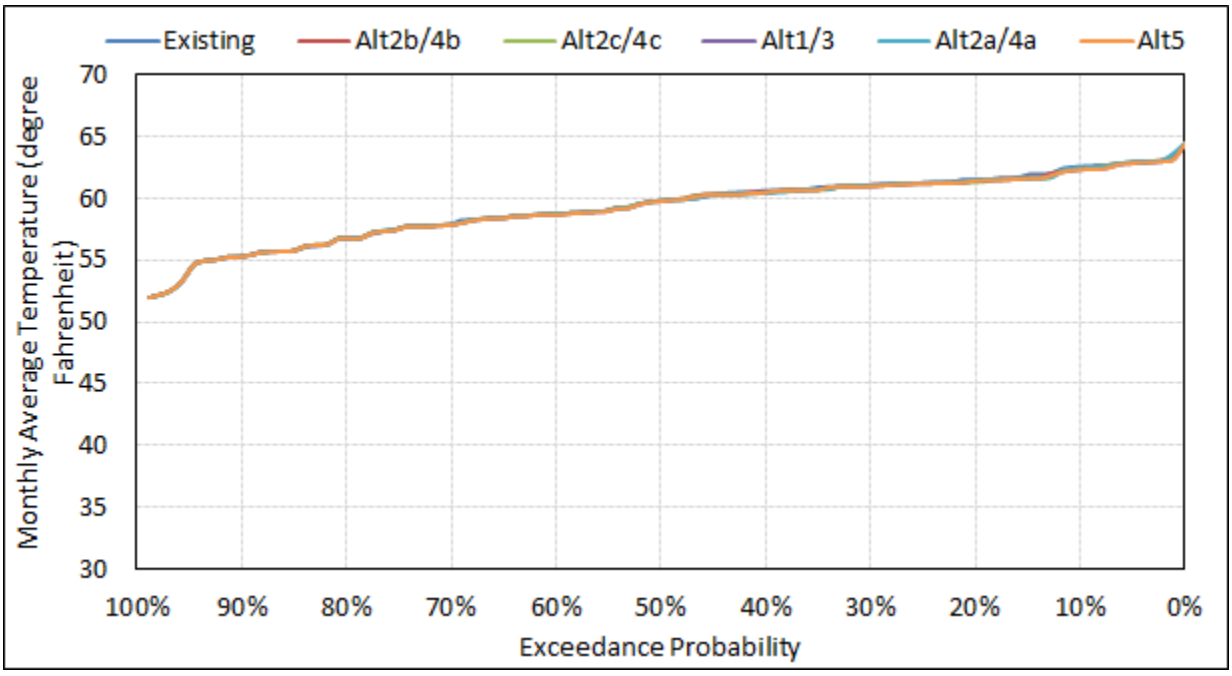


Figure 5A-D1.20.14. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

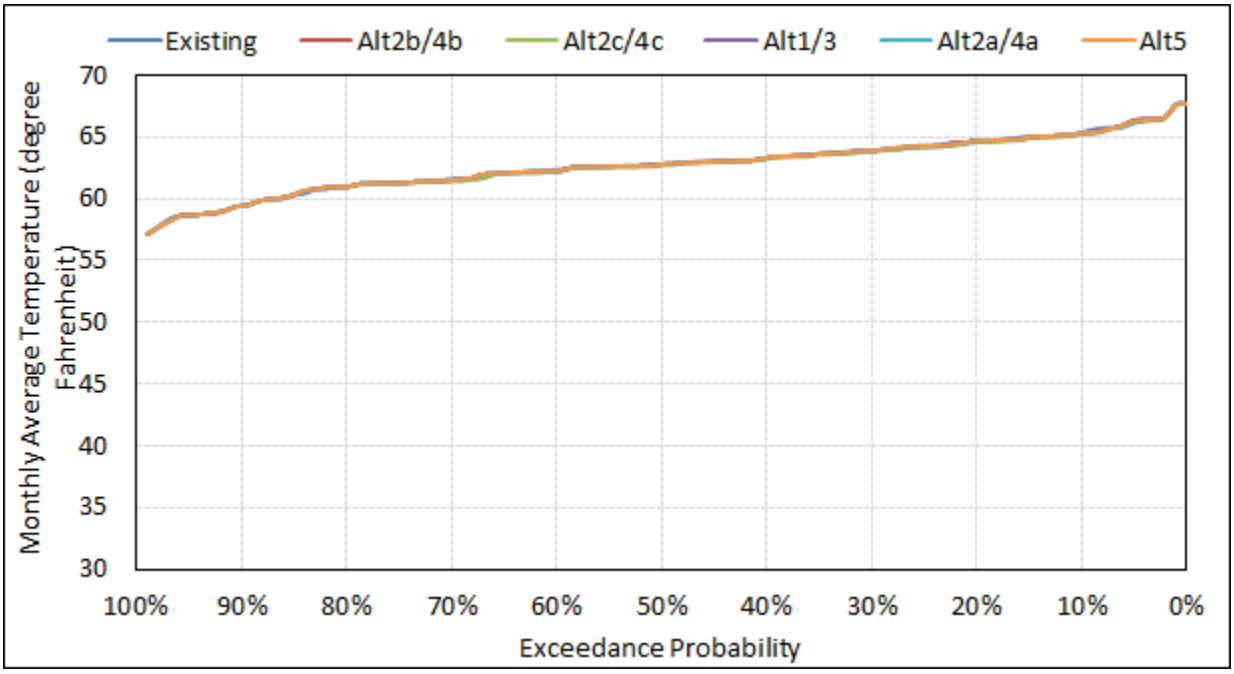


Figure 5A-D1.20.15. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

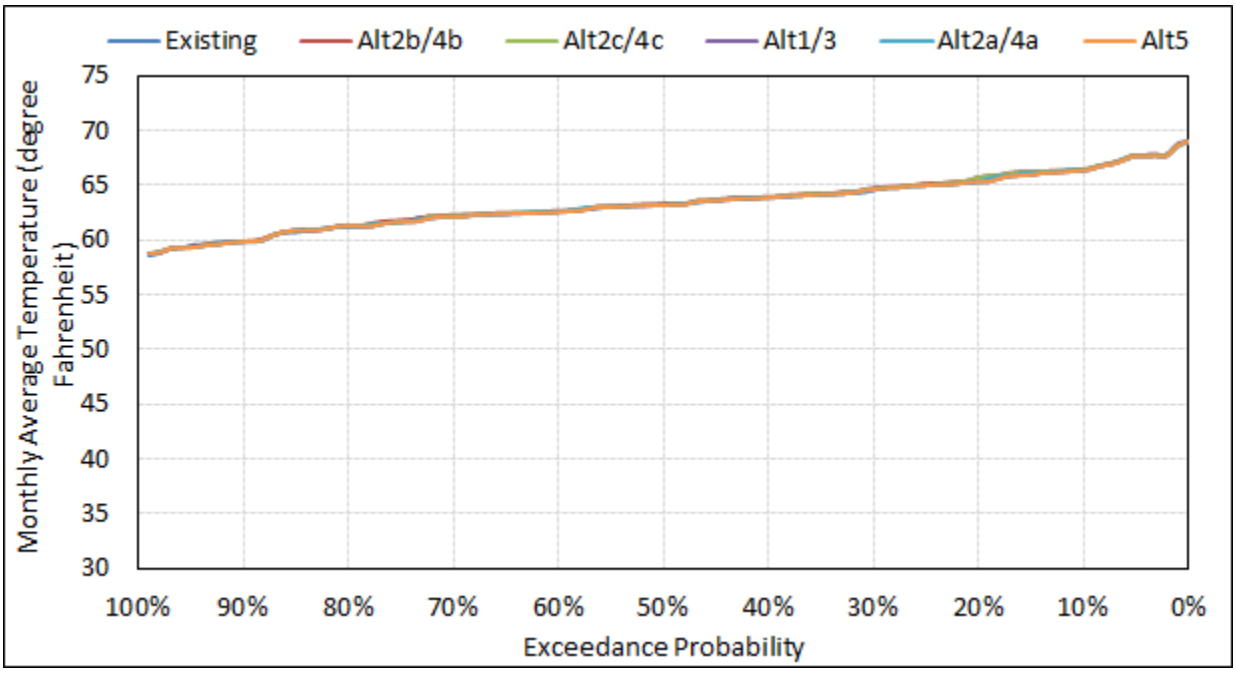


Figure 5A-D1.20.16. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

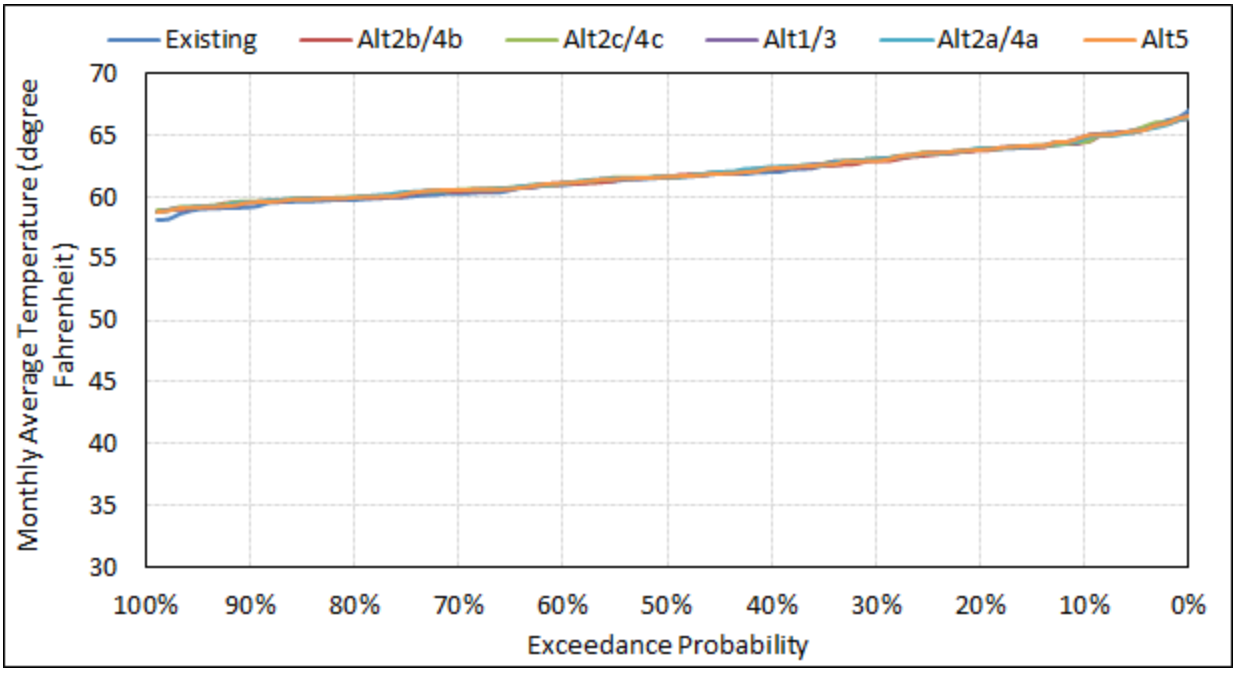


Figure 5A-D1.20.17. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

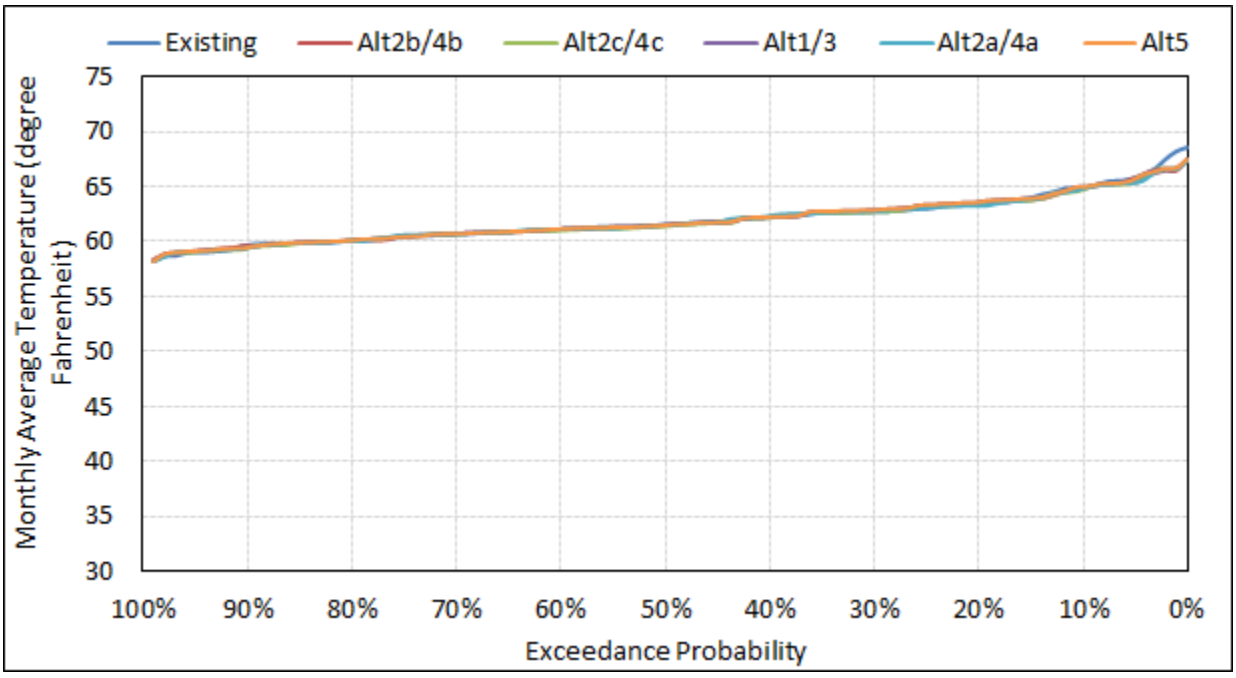


Figure 5A-D1.20.18. Sacramento River at Hamilton City, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

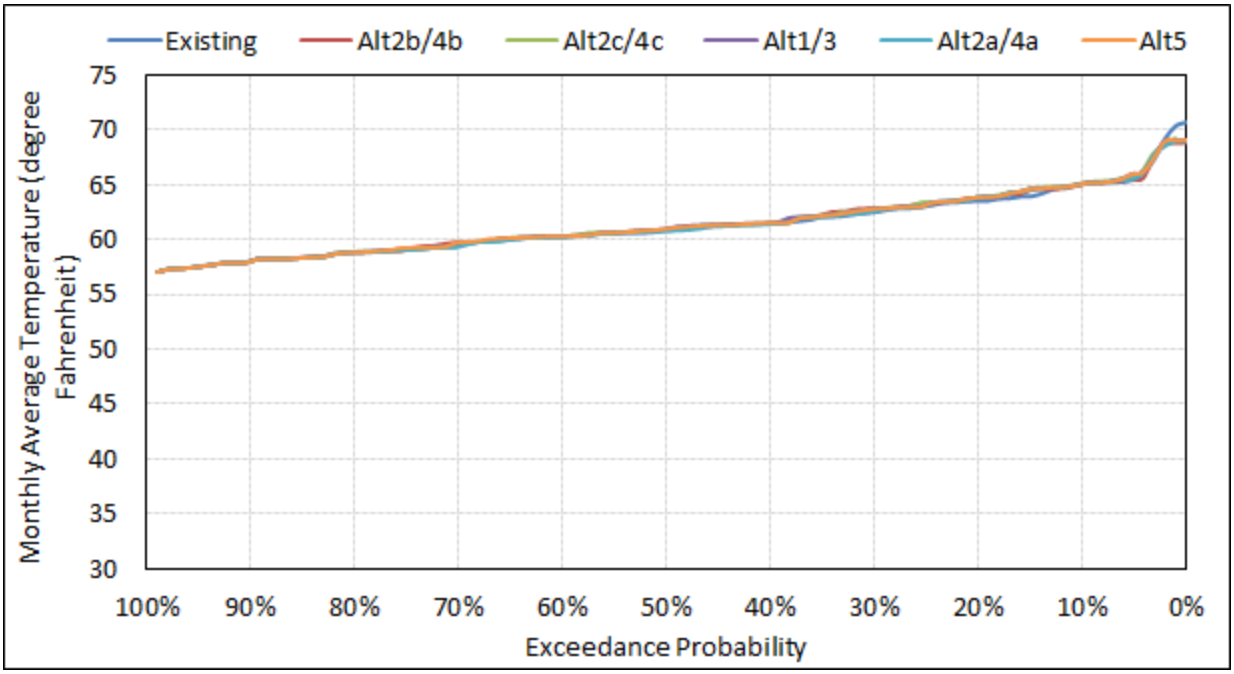
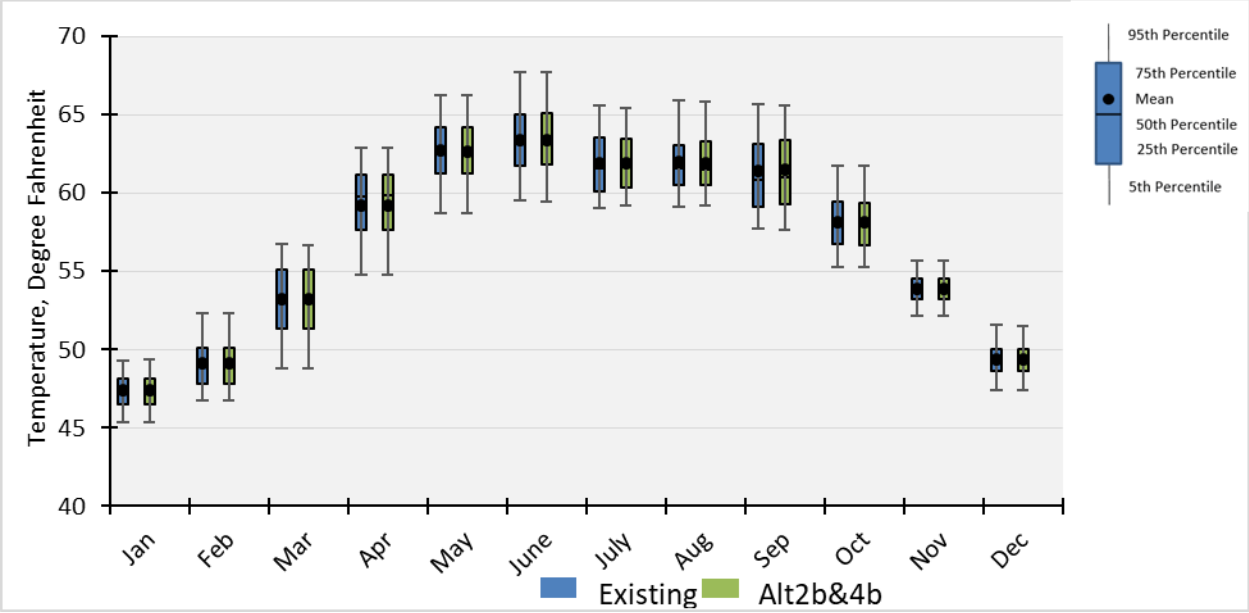


Figure 5A-D1.20.19. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



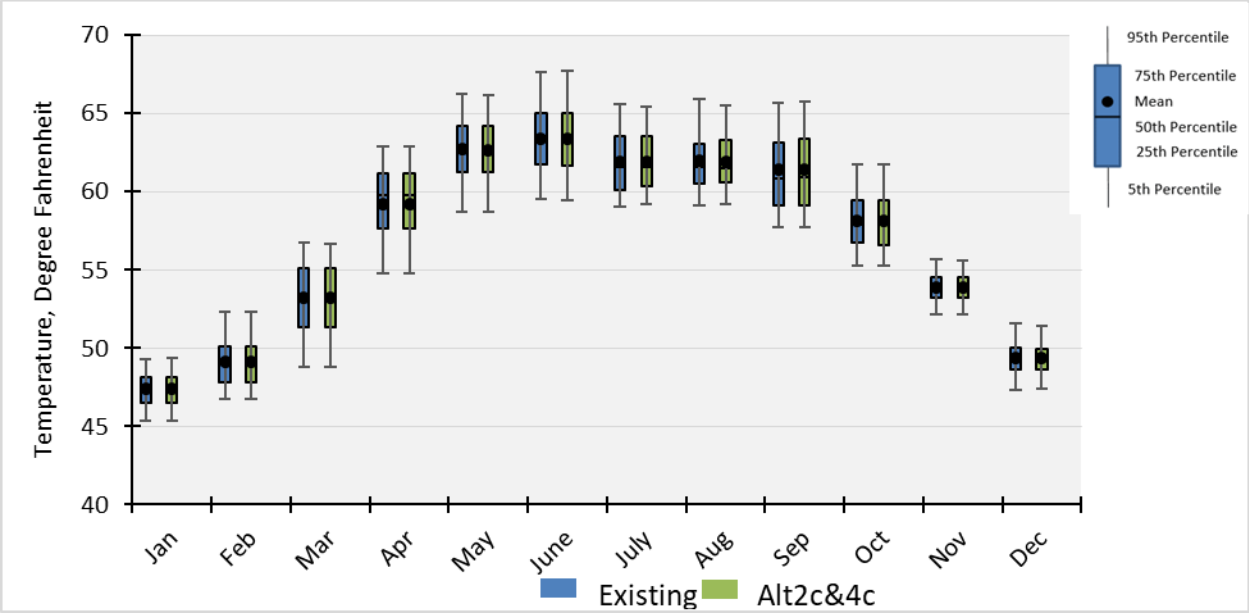
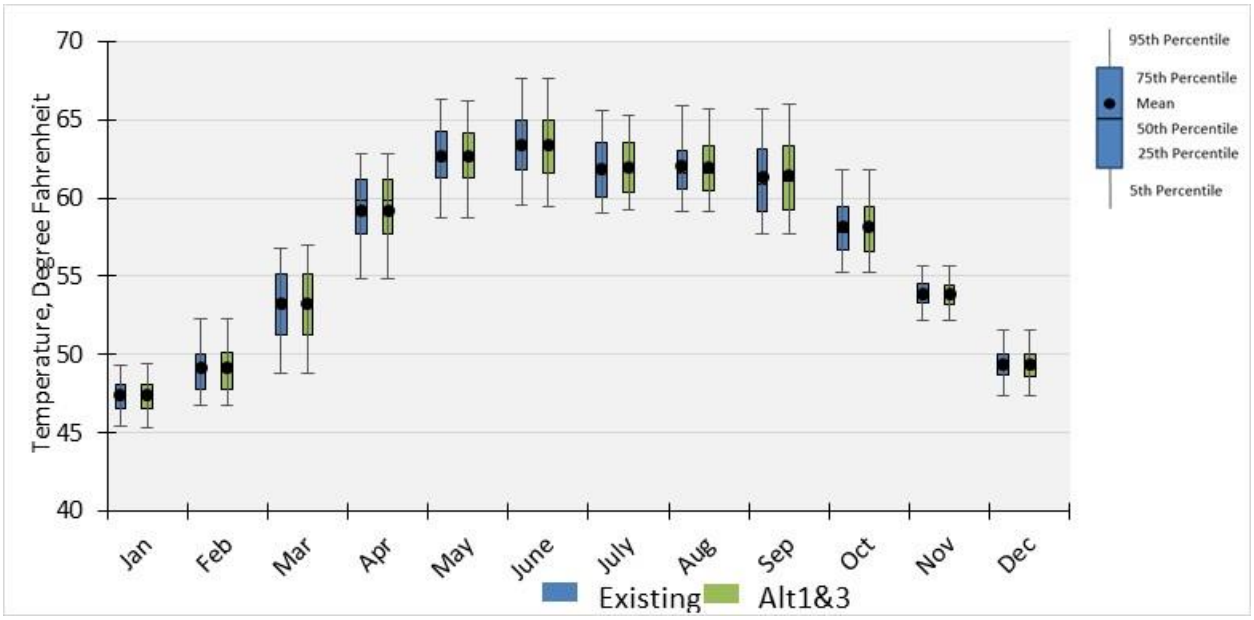


Figure 5A-D1.20.20. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



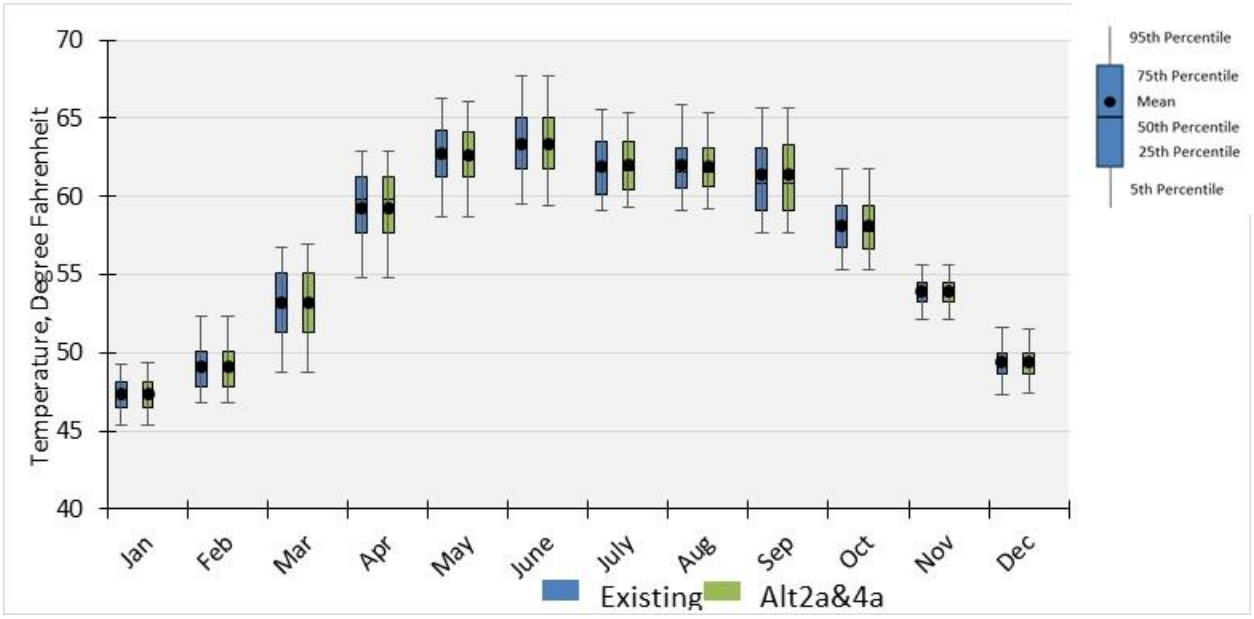


Figure 5A-D1.20.21. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

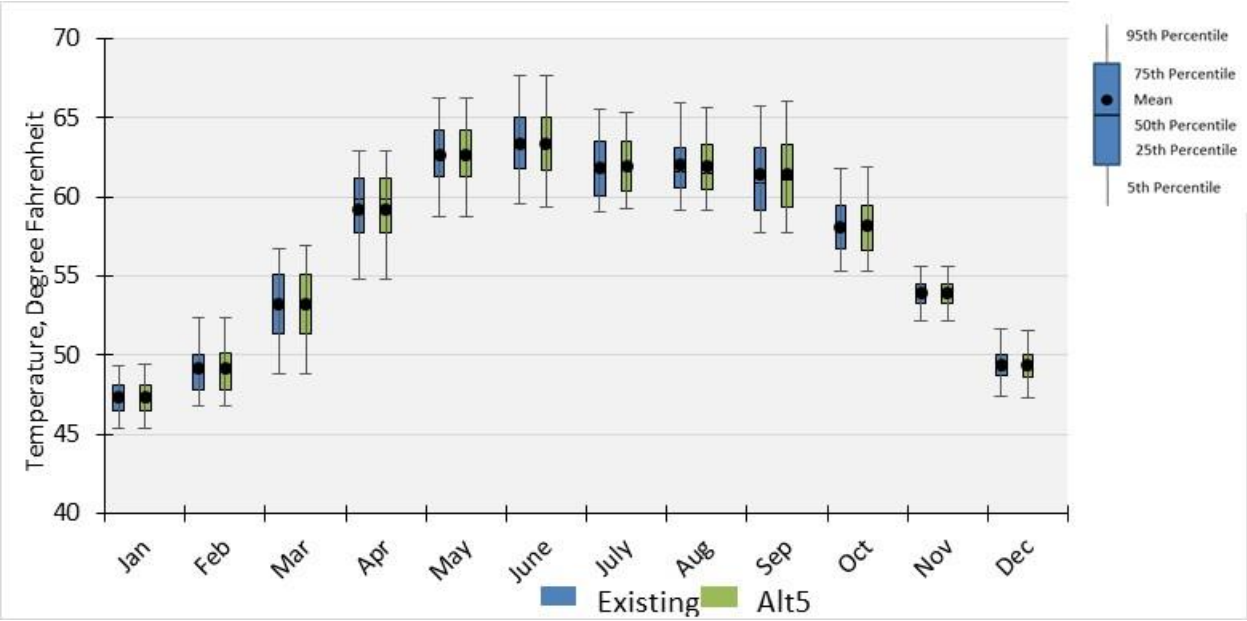
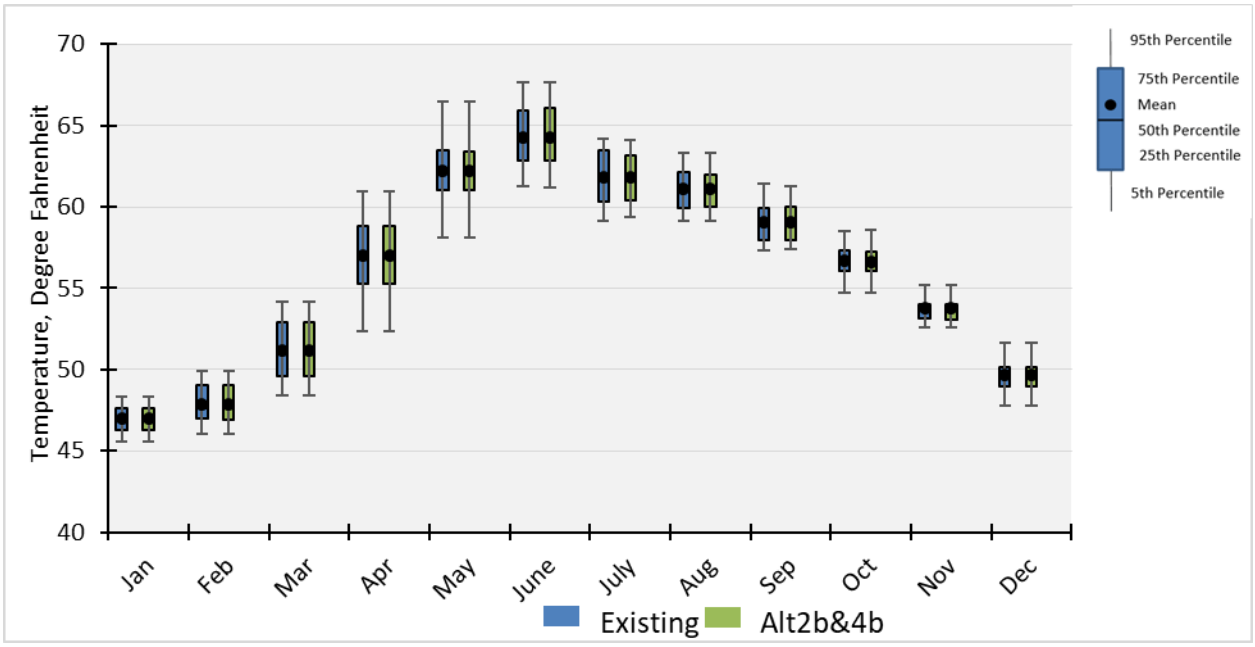


Figure 5A-D1.20.22. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



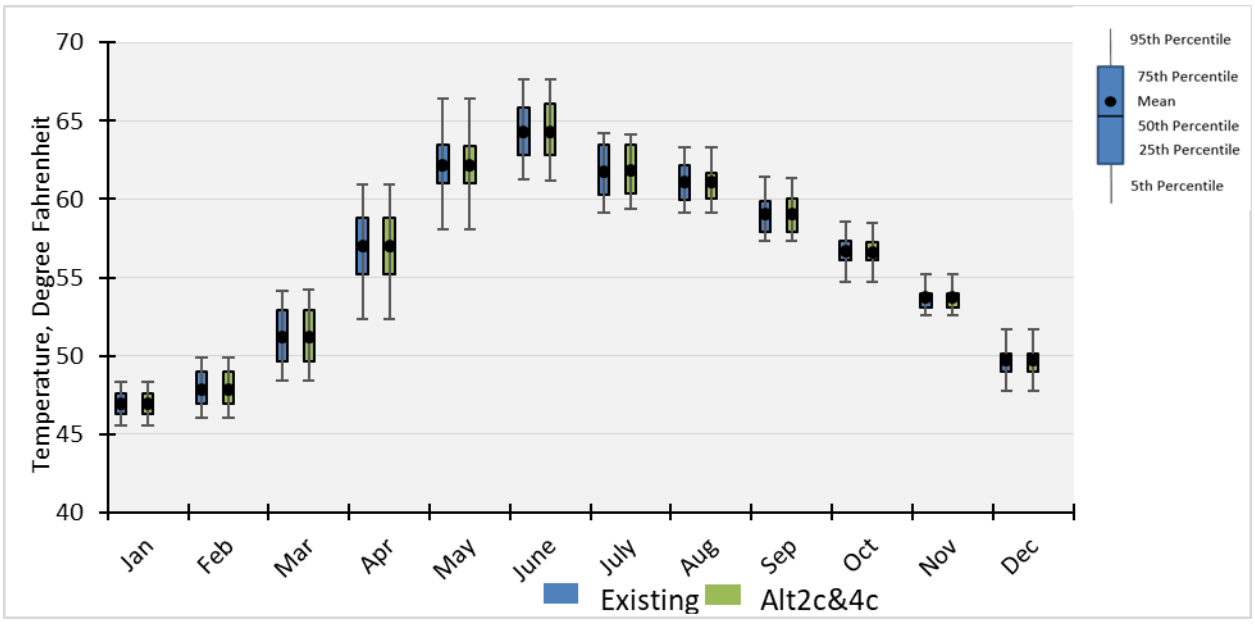
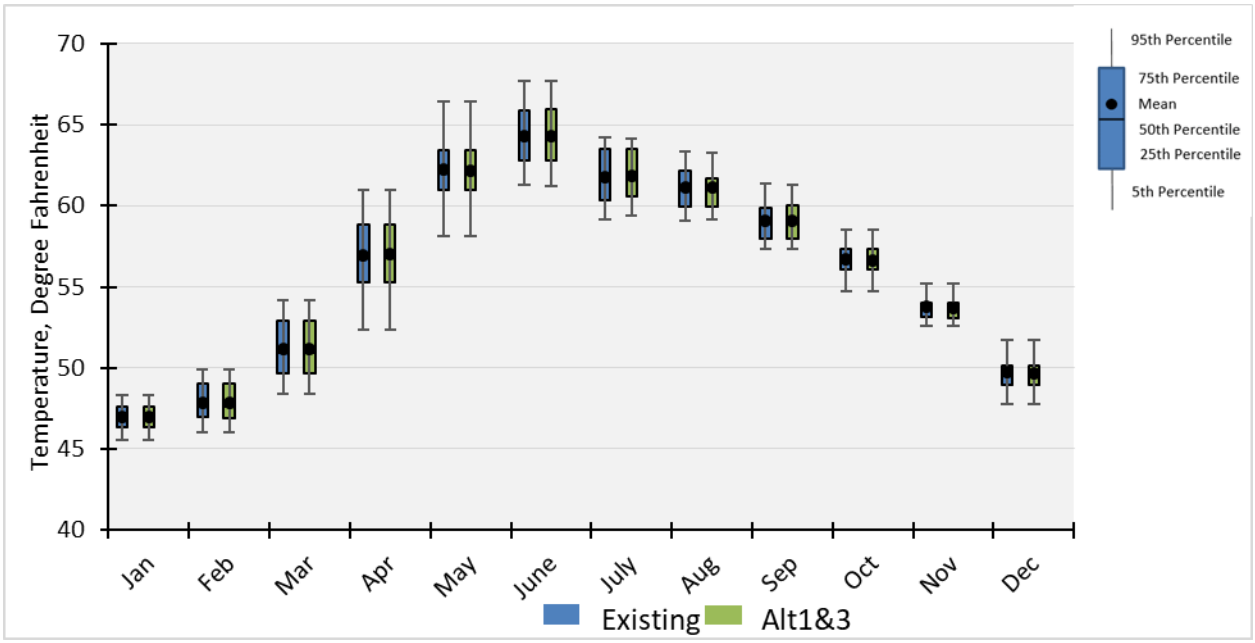


Figure 5A-D1.20.23. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



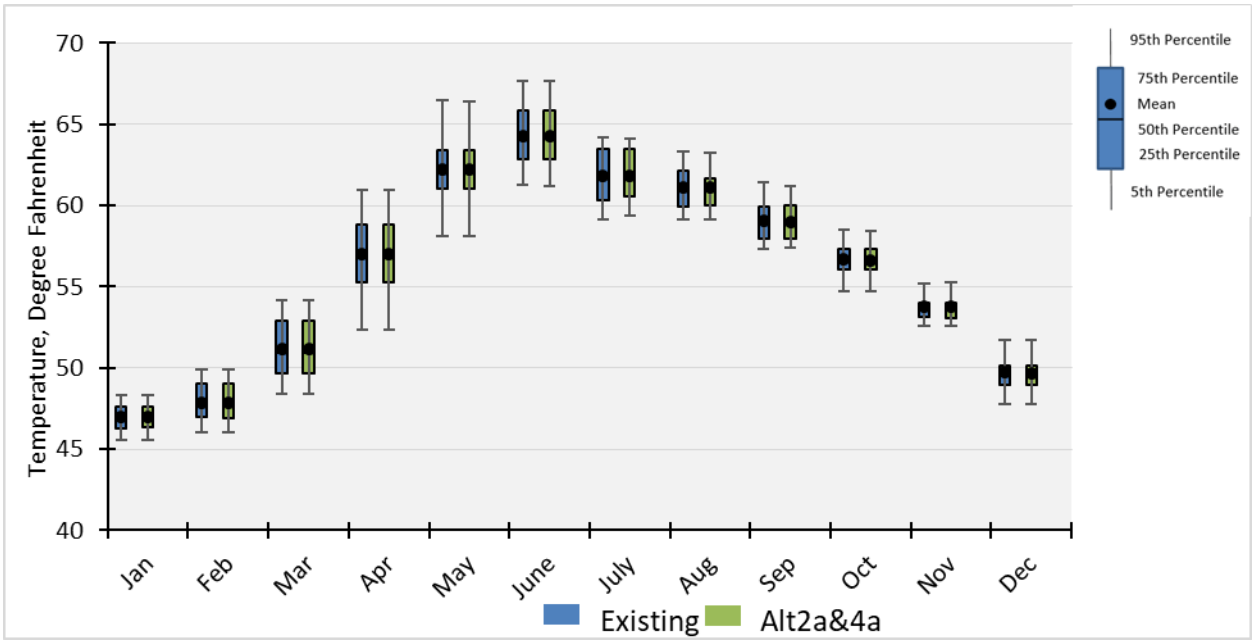


Figure 5A-D1.20.24. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

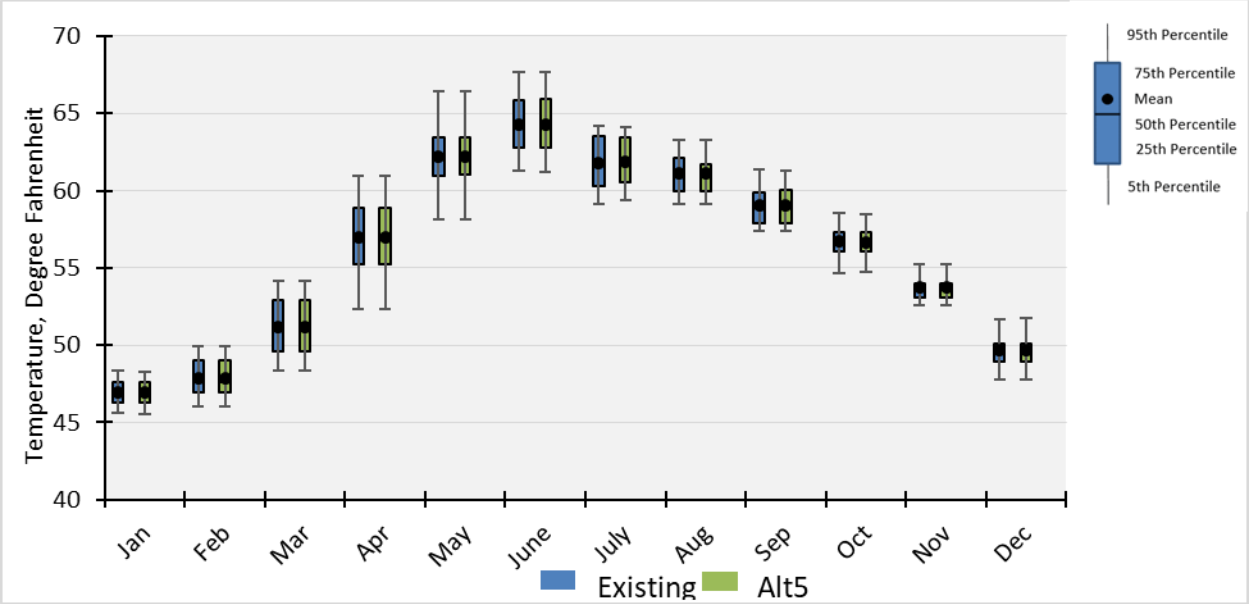
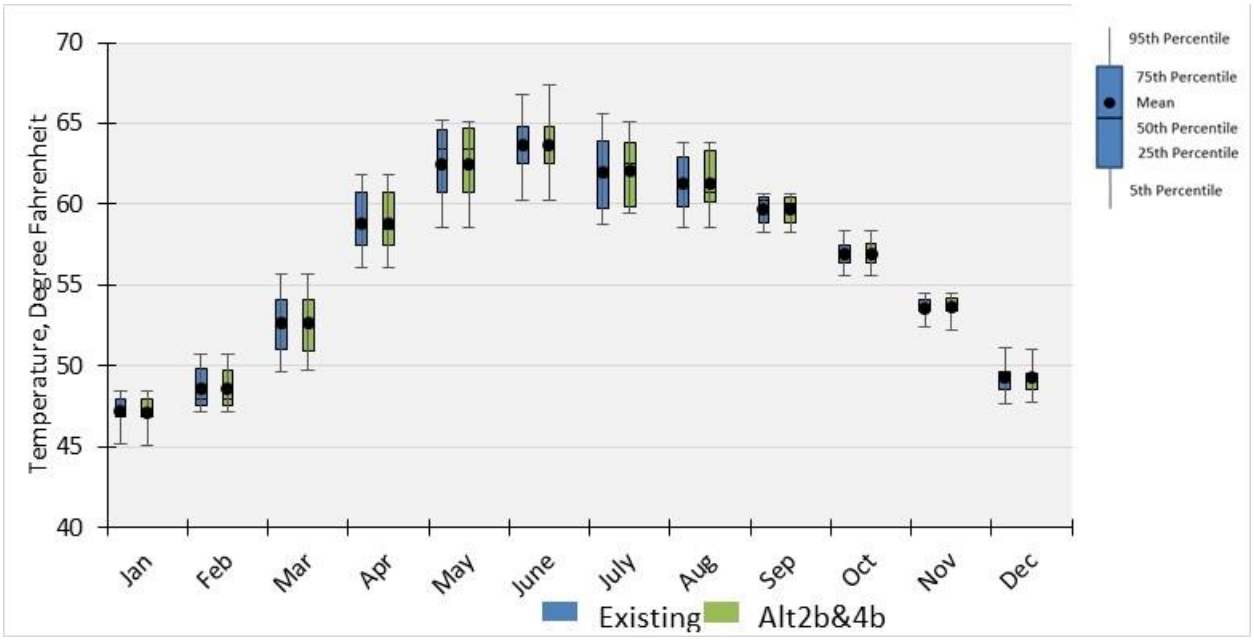


Figure 5A-D1.20.25. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



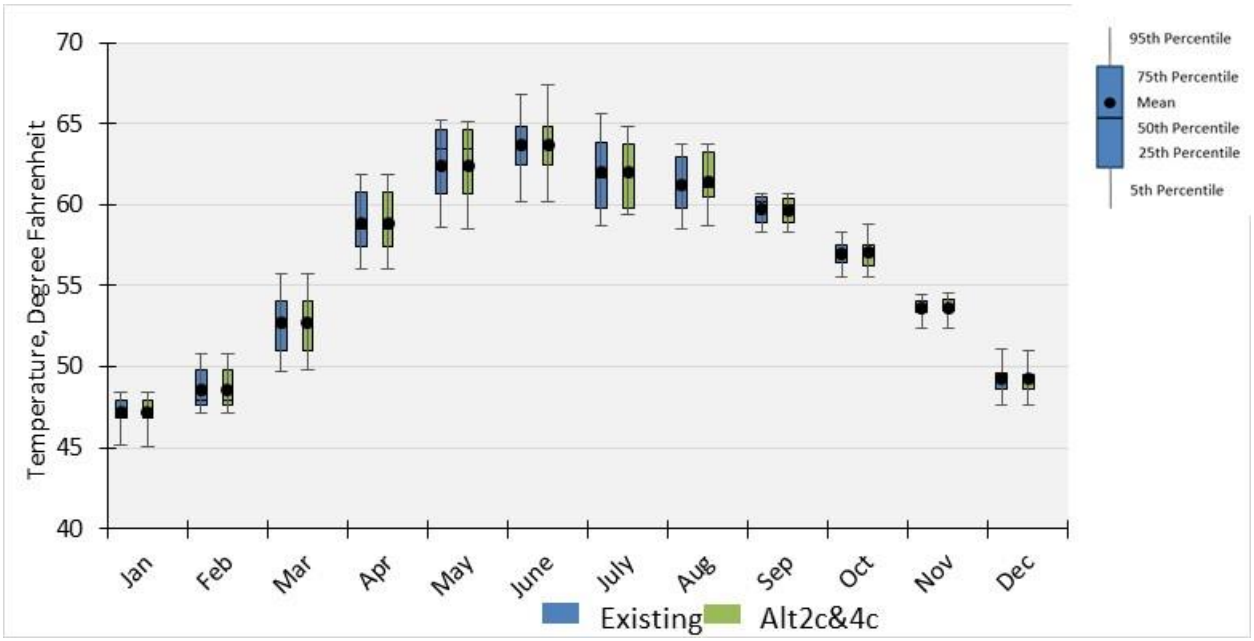
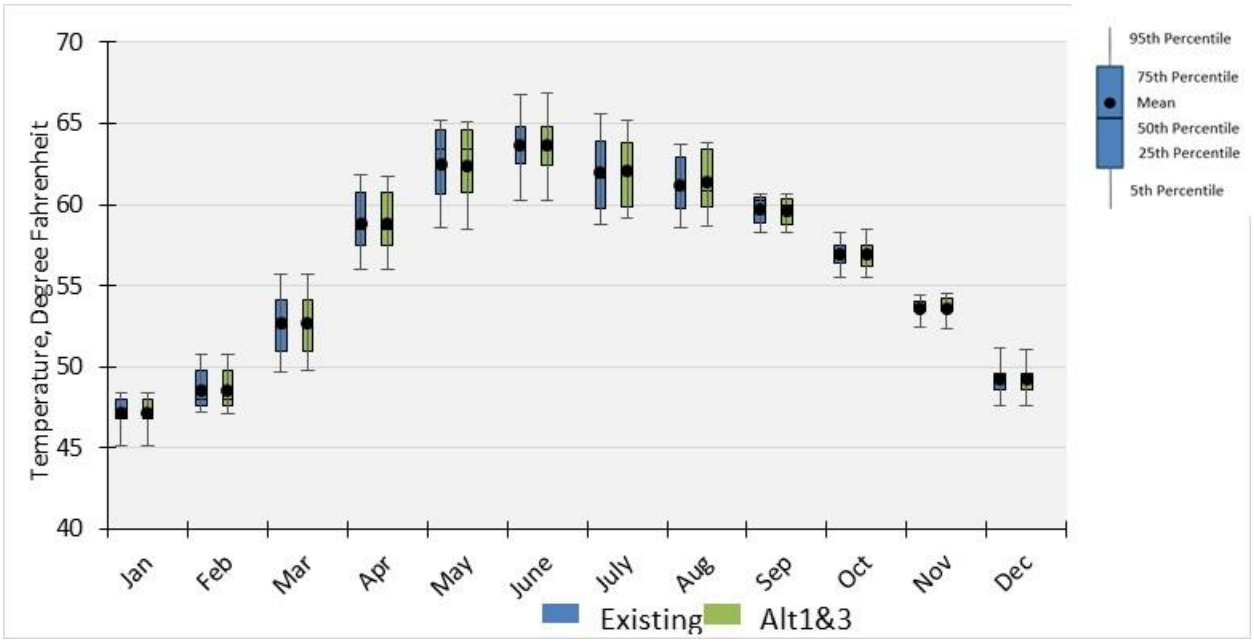


Figure 5A-D1.20.26. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



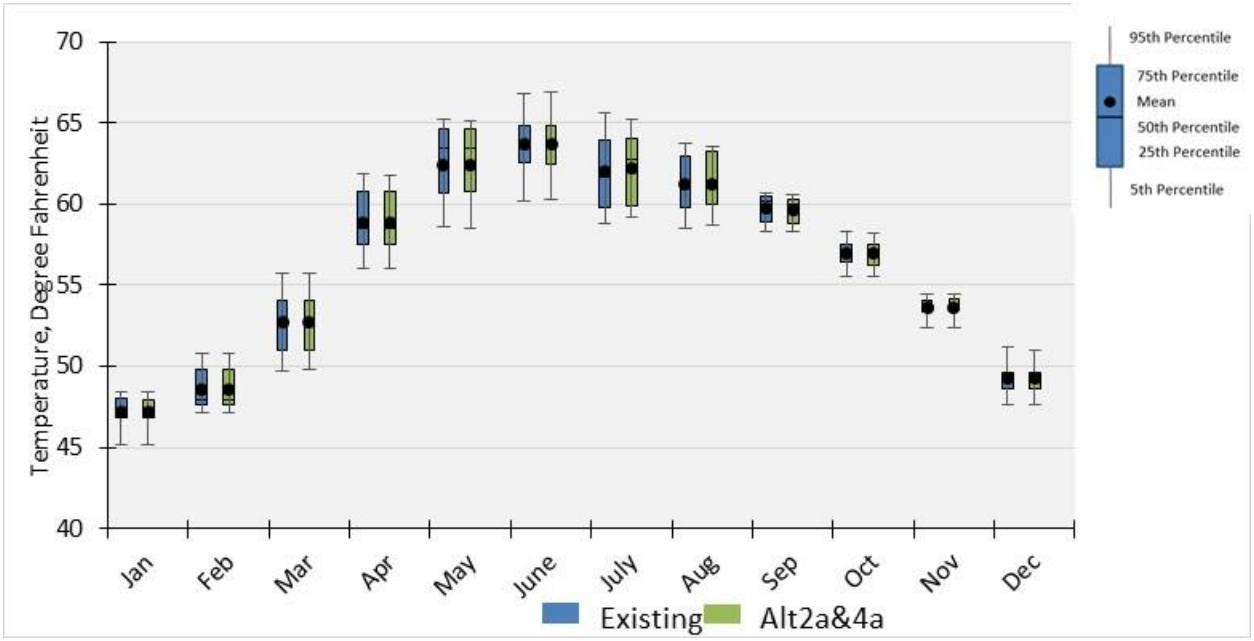


Figure 5A-D1.20.27. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

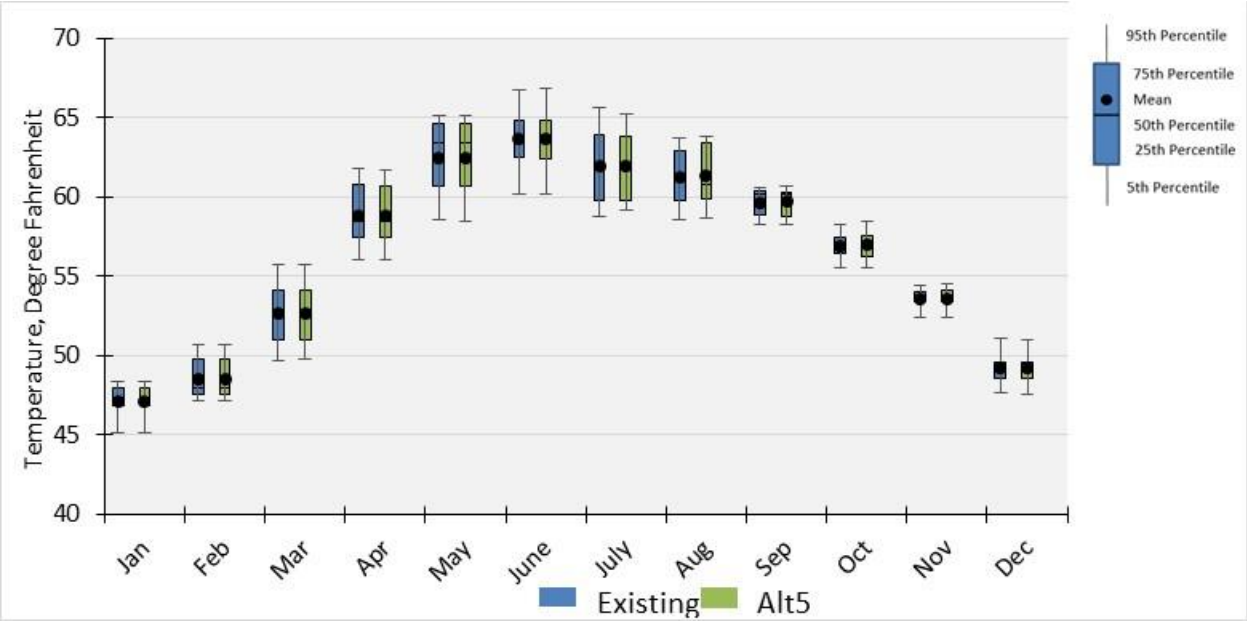
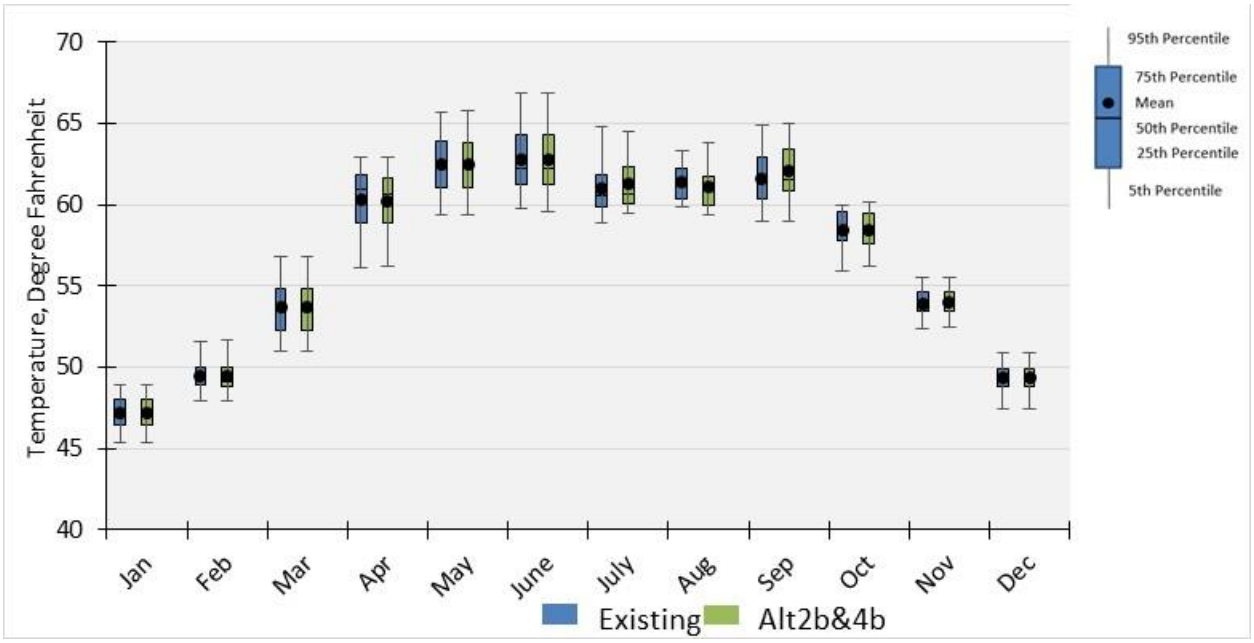


Figure 5A-D1.20.28. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



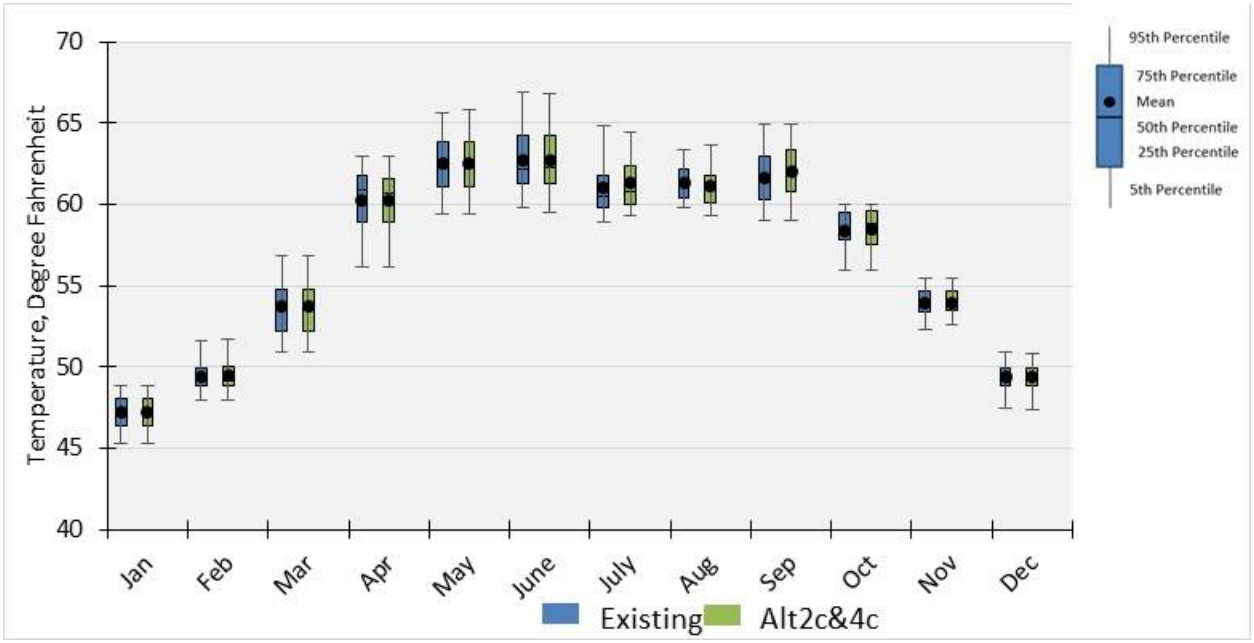
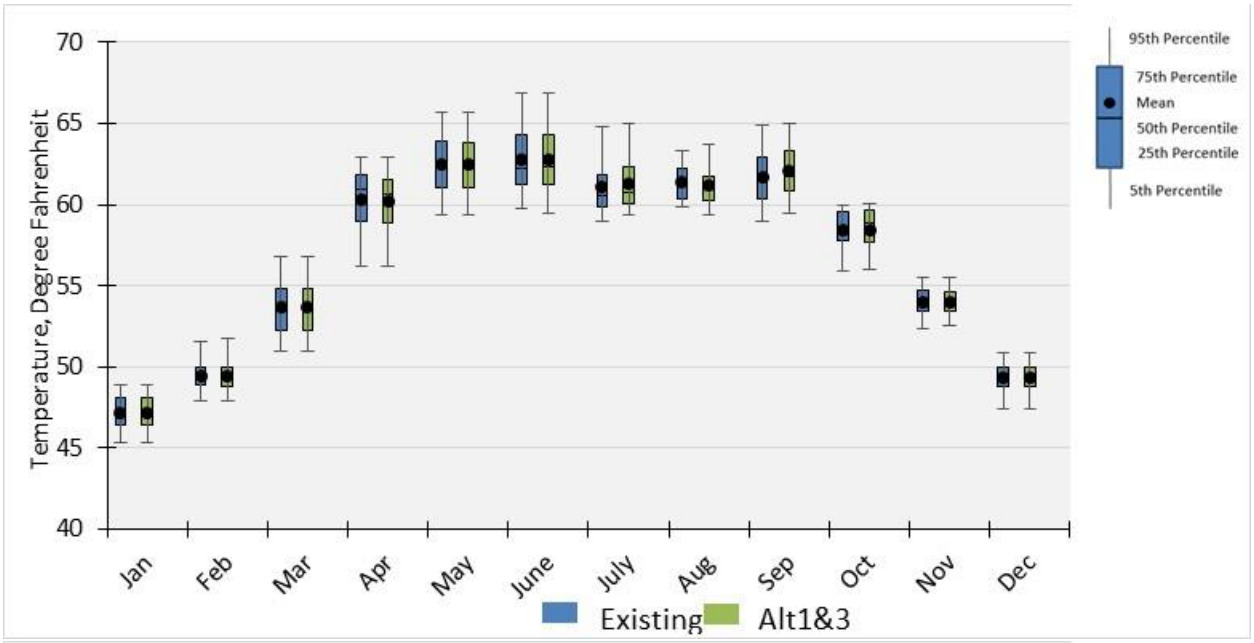


Figure 5A-D1.20.29. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



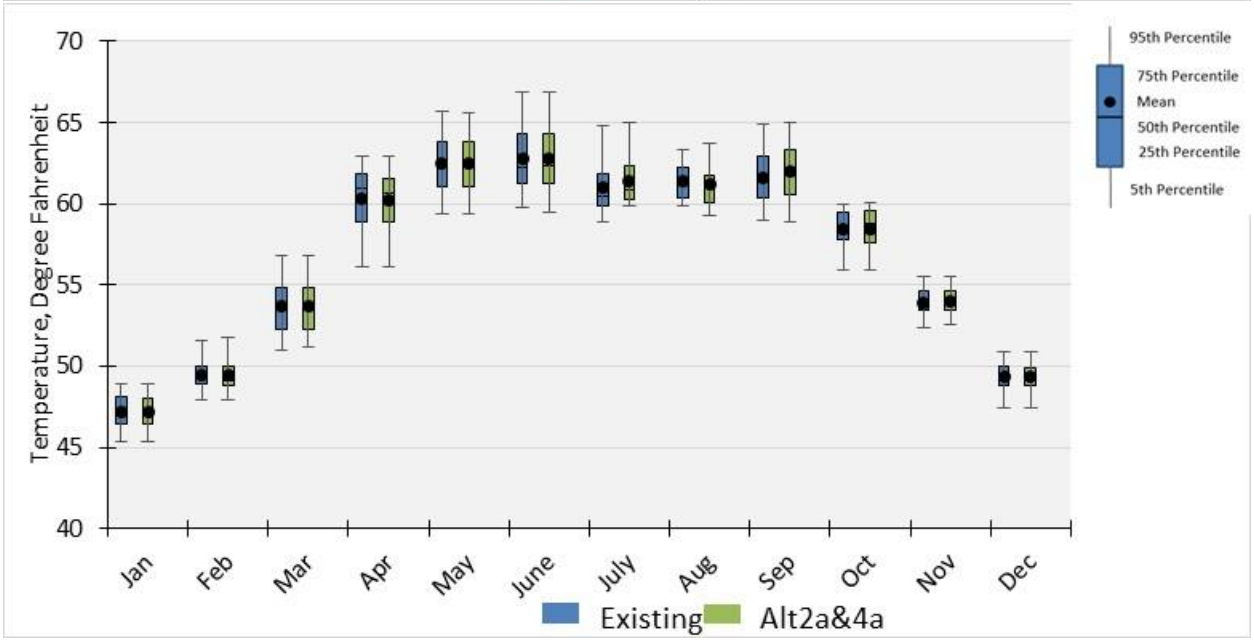


Figure 5A-D1.20.30. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

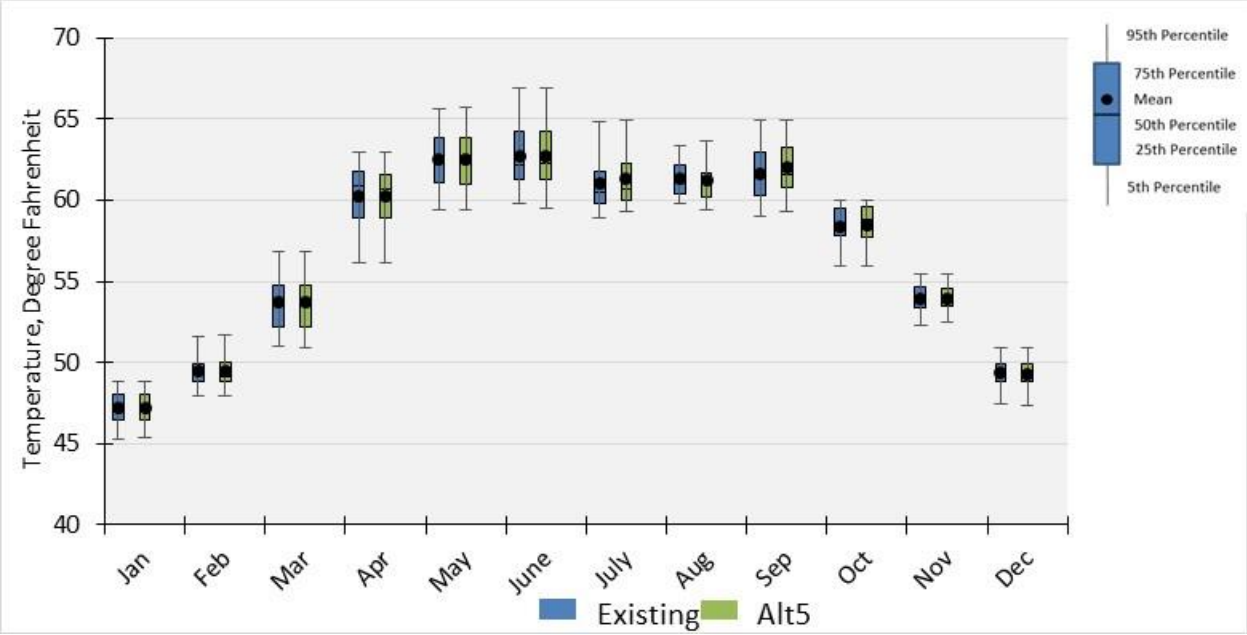


Figure 5A-D1.20.31. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions

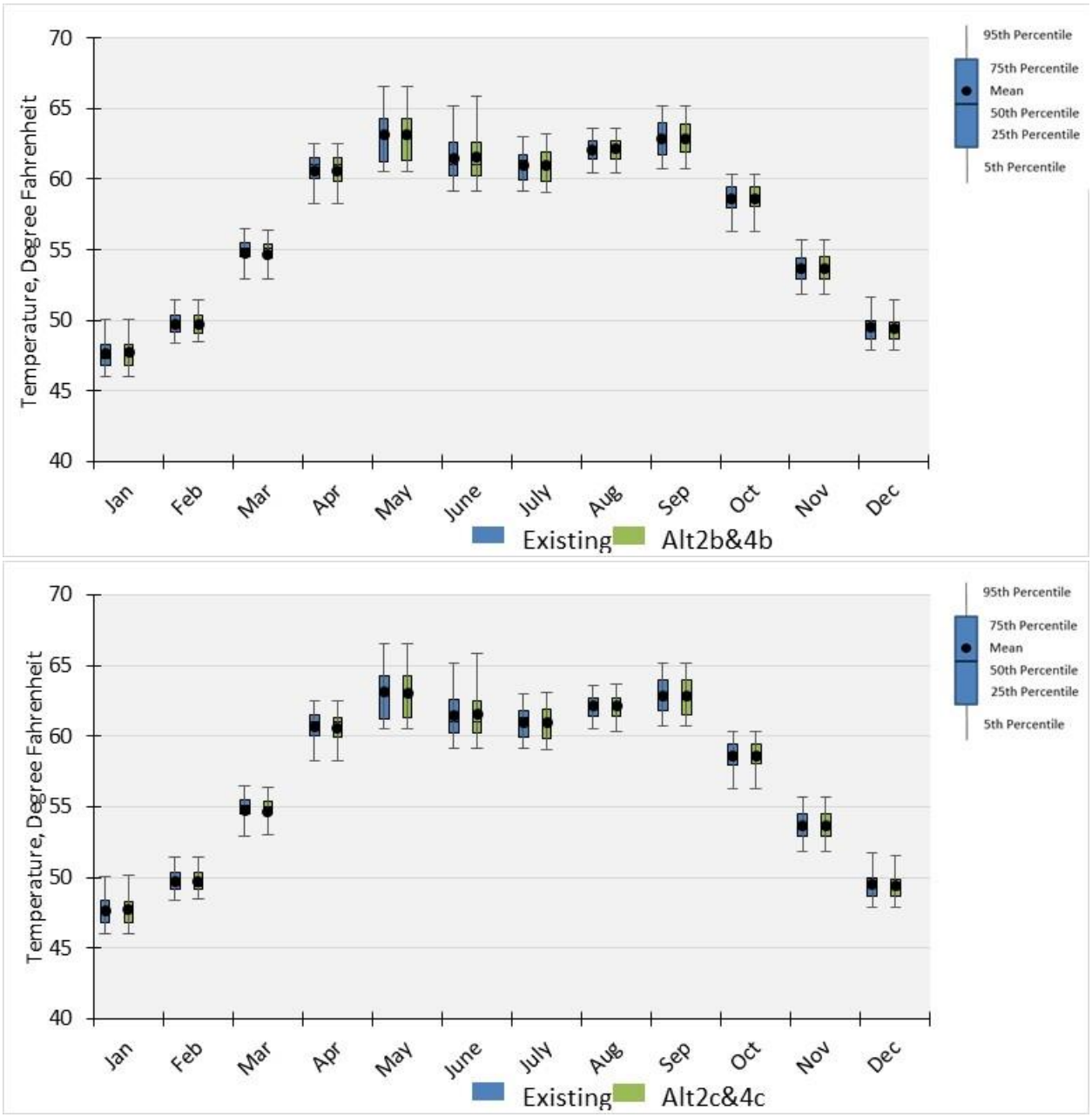
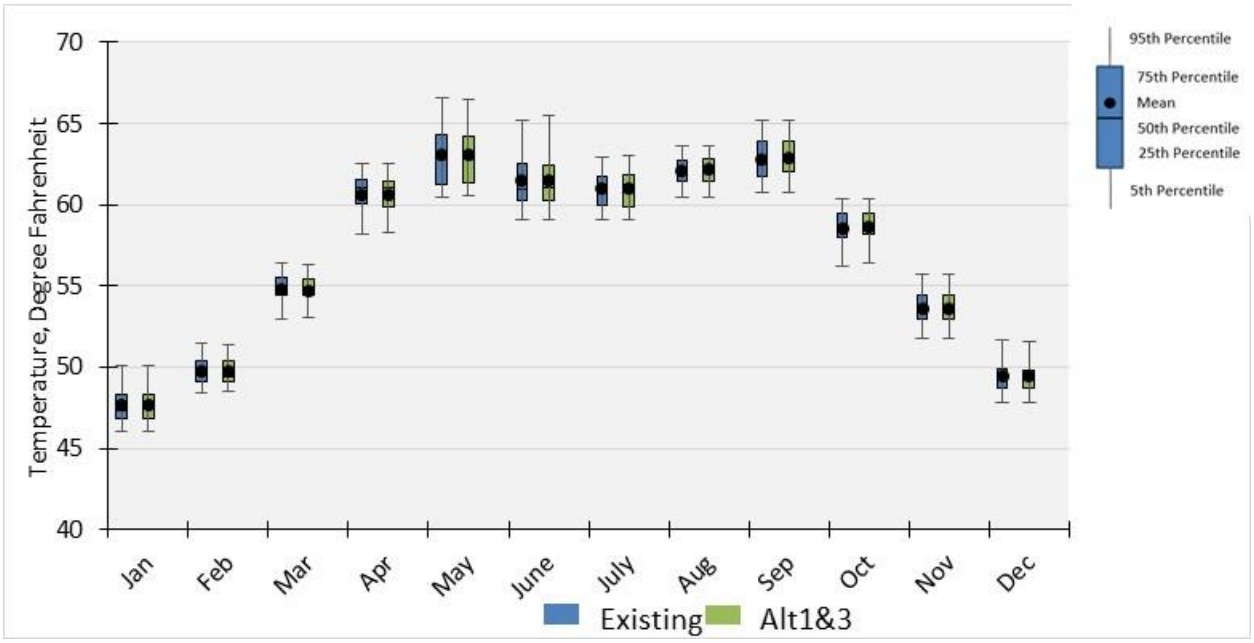


Figure 5A-D1.20.32. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



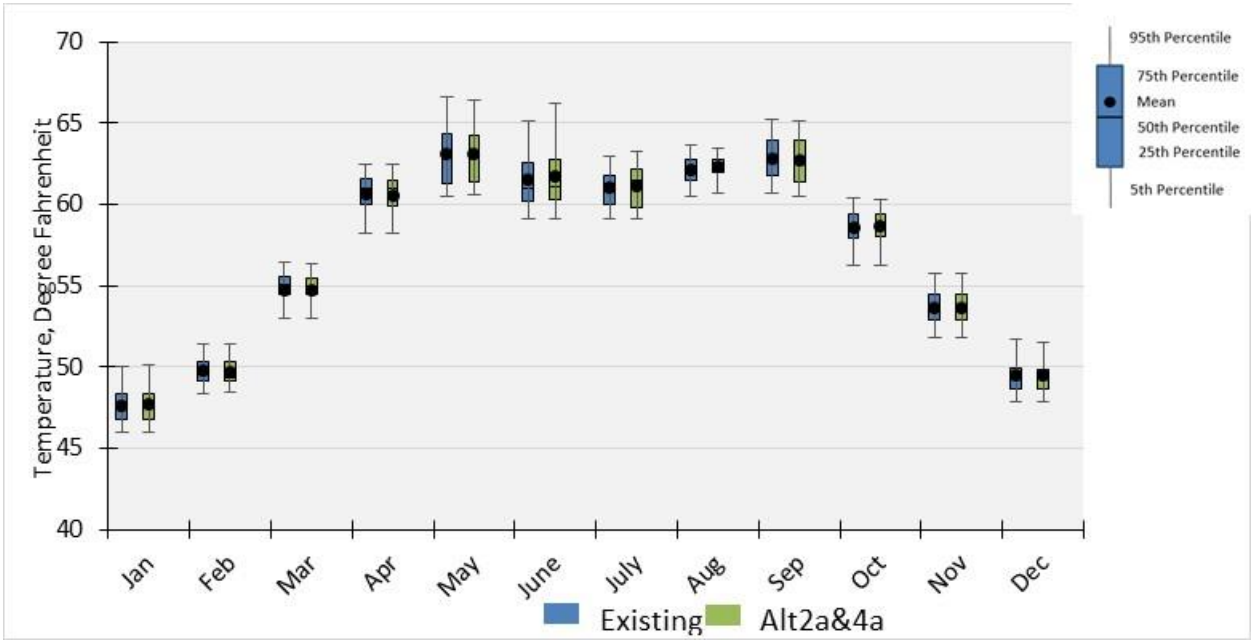


Figure 5A-D1.20.33. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

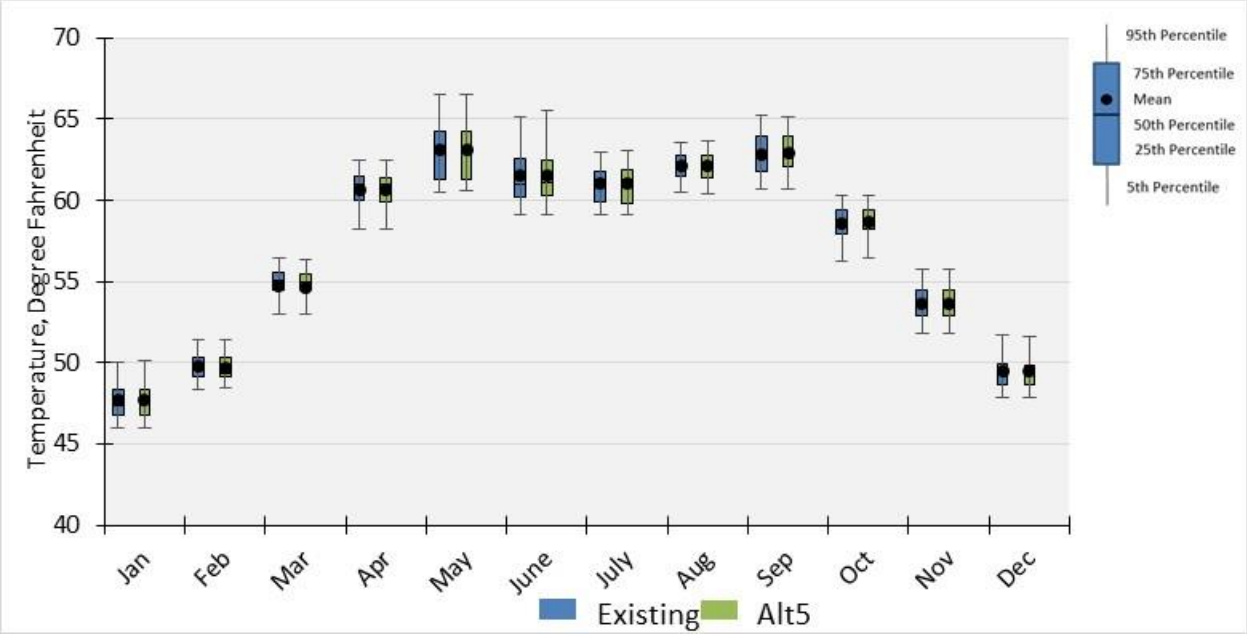
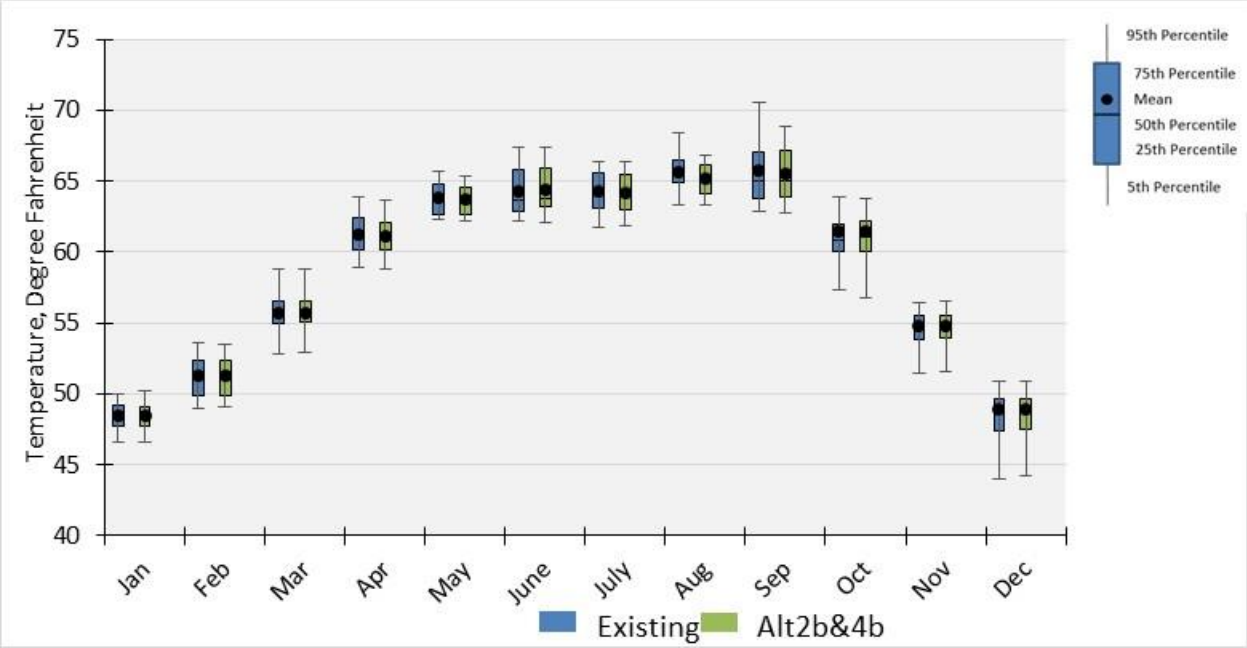


Figure 5A-D1.20.34. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



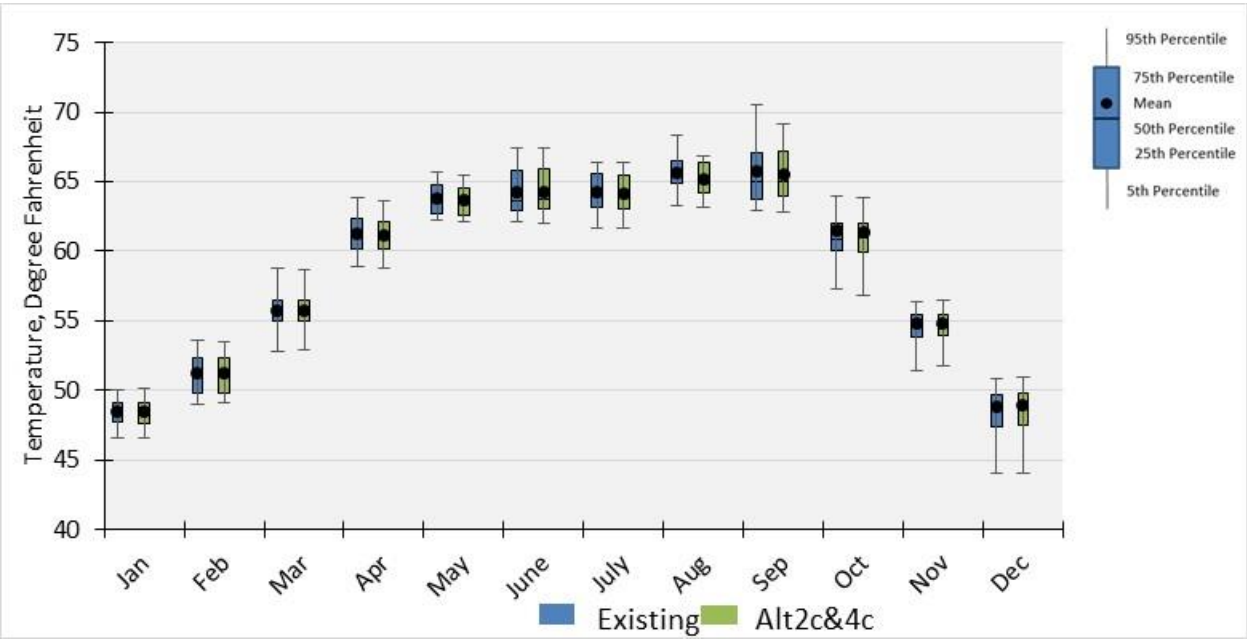
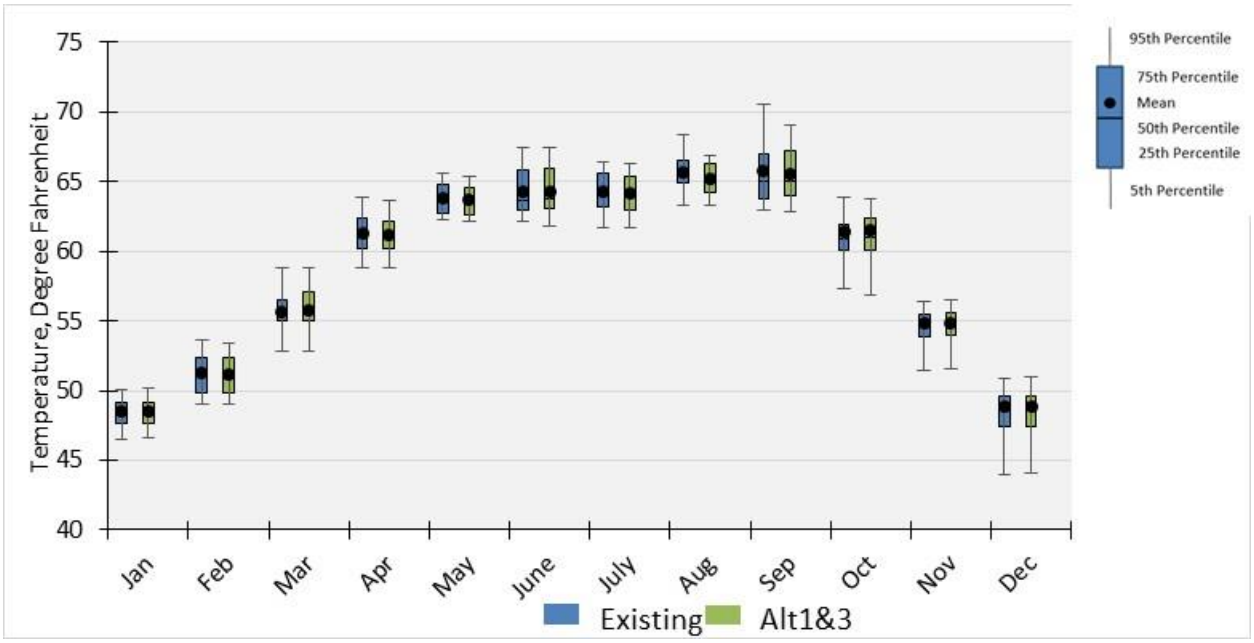


Figure 5A-D1.20.35. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



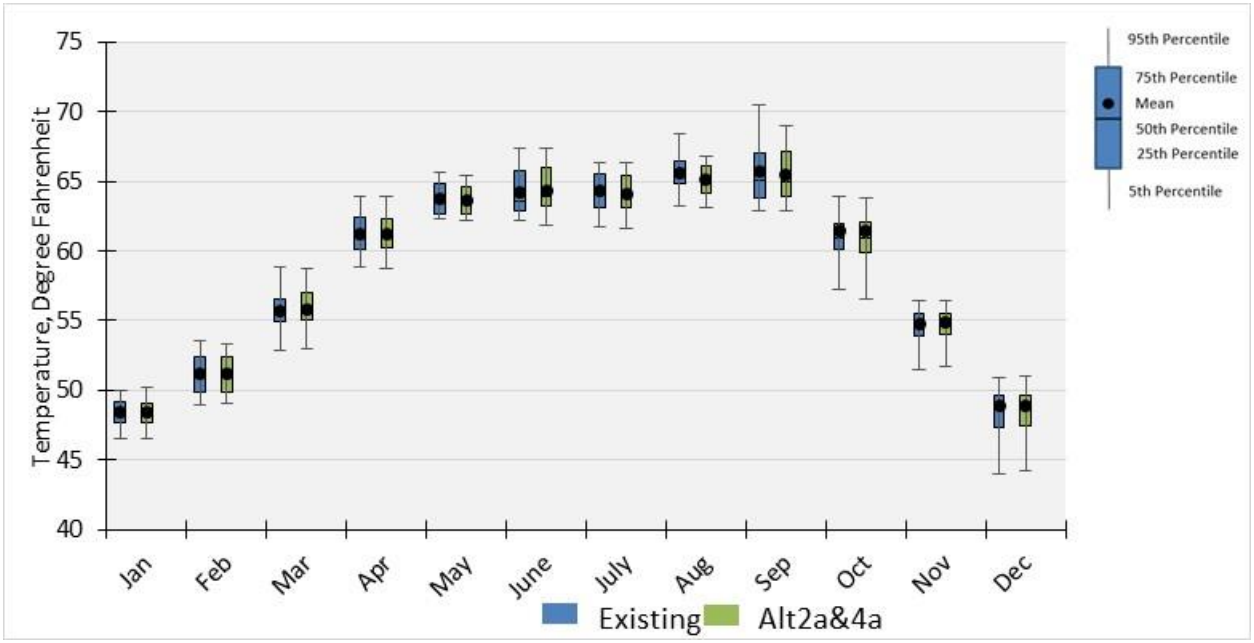


Figure 5A-D1.20.36. Sacramento River at Hamilton City, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

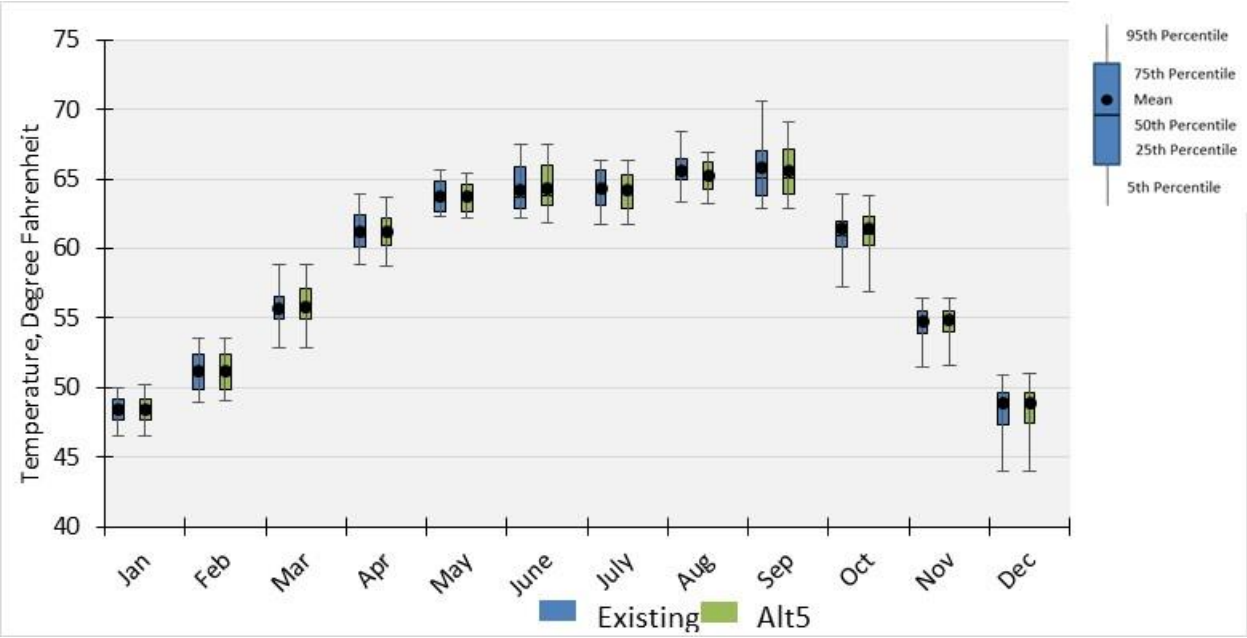
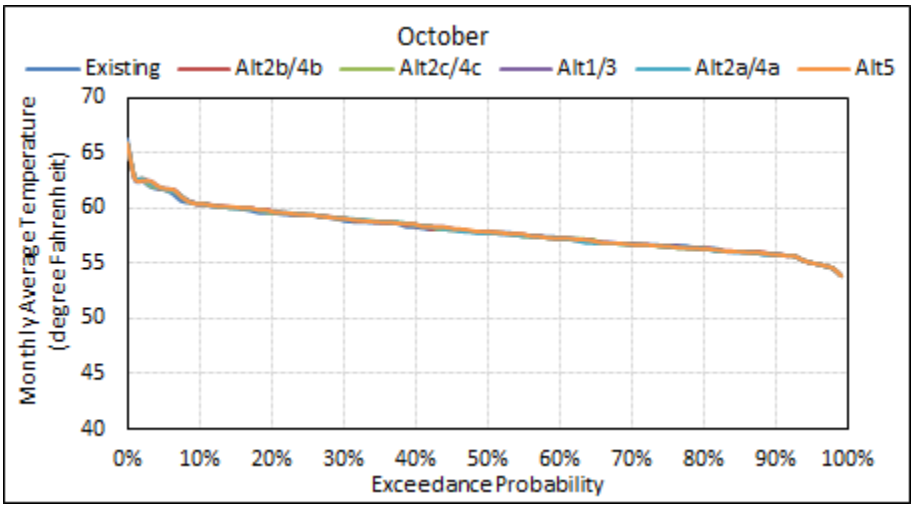
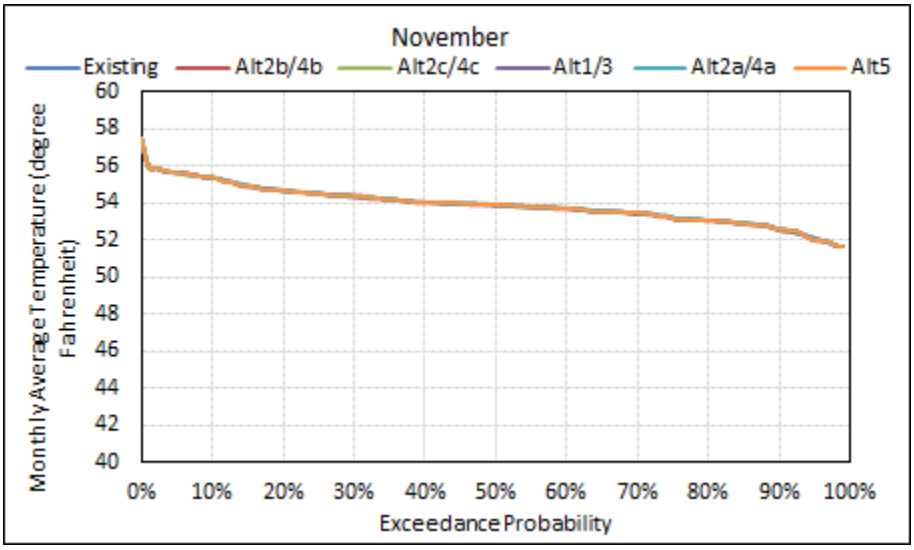


Figure 5A-D1.20.37-A. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





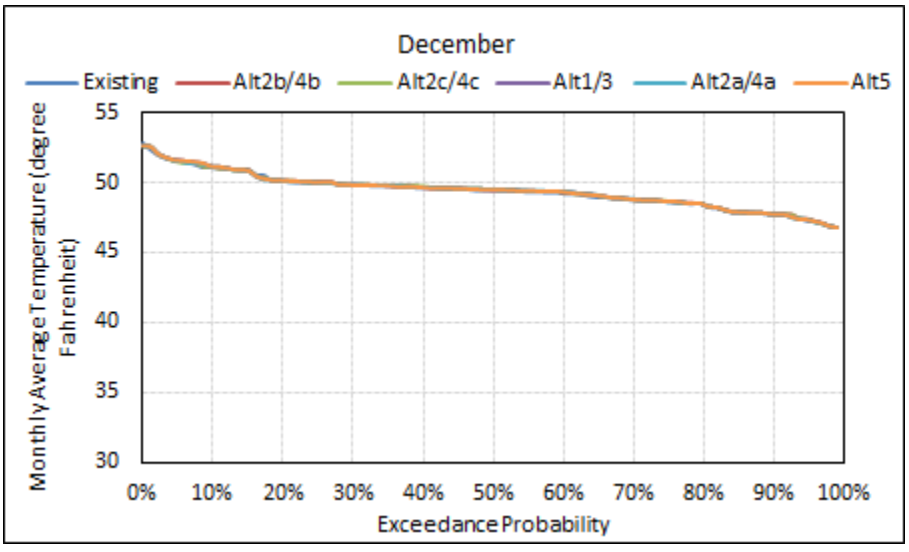
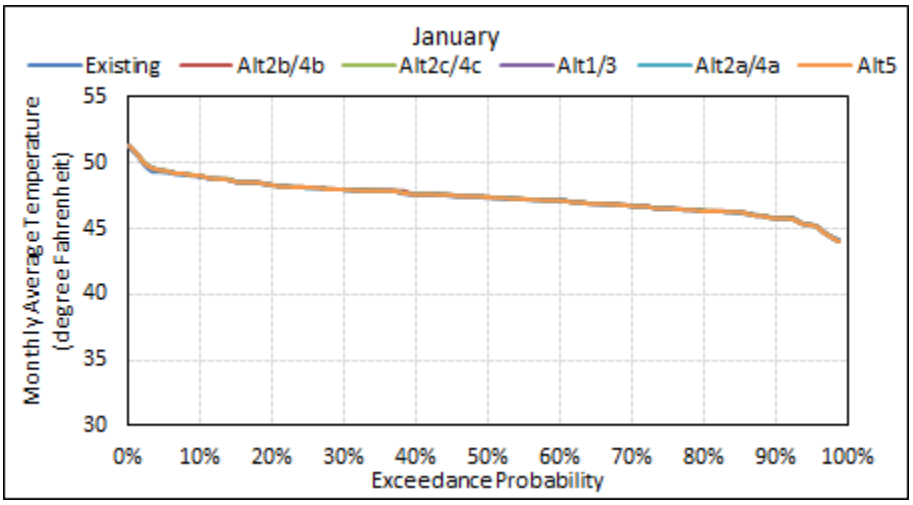
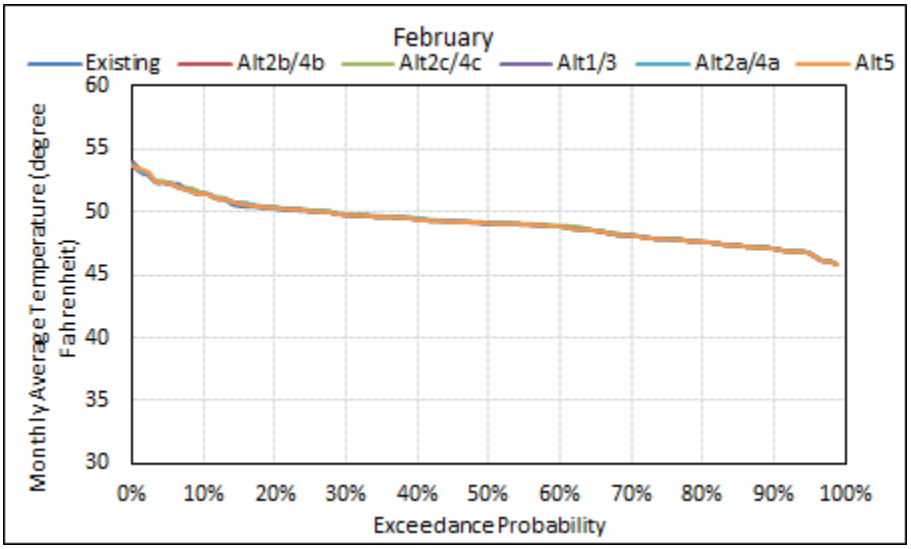


Figure 5A-D1.20.37-B. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





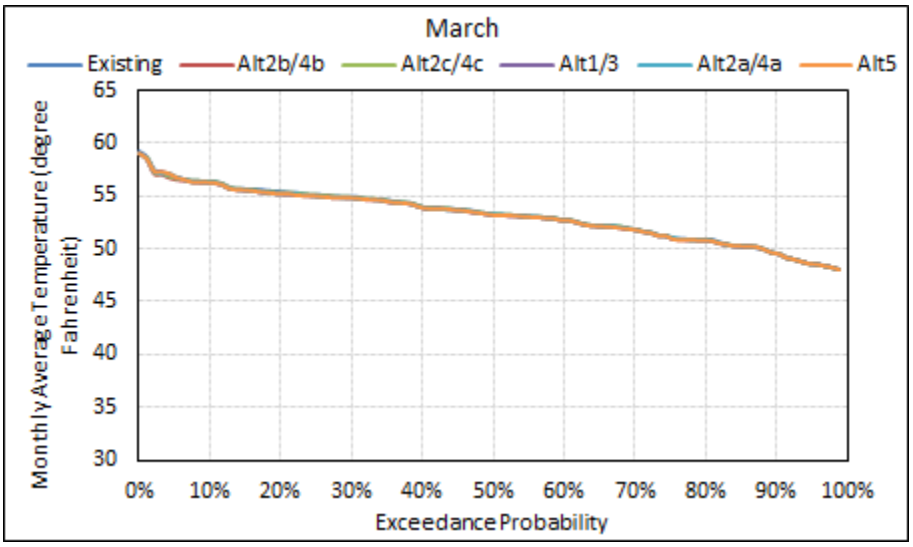
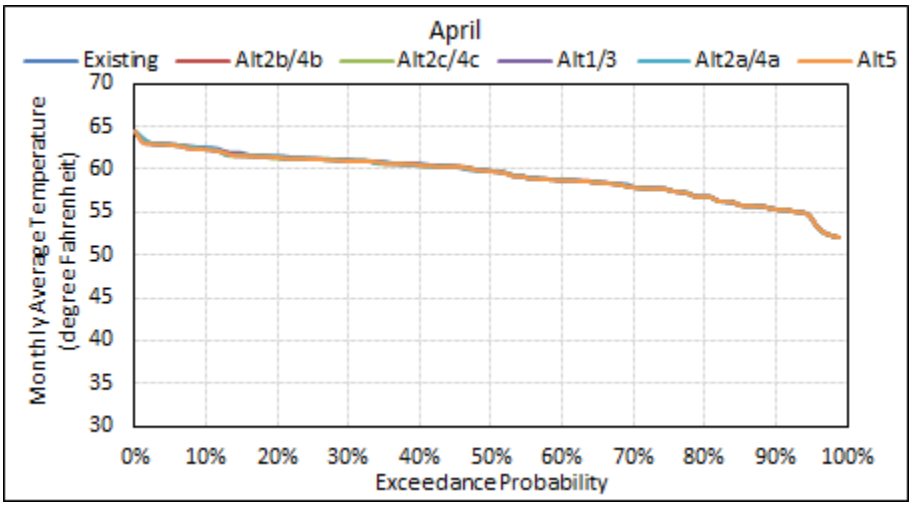
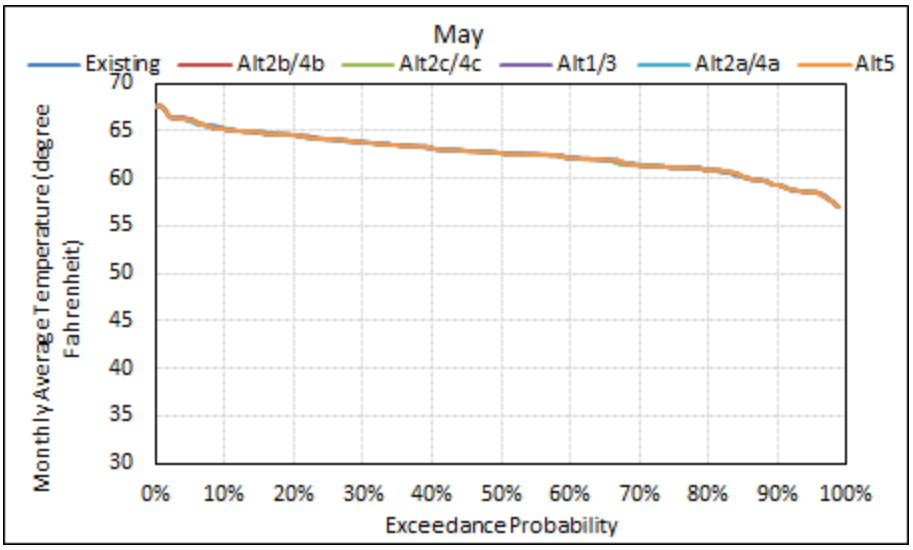


Figure 5A-D1.20.37-C. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





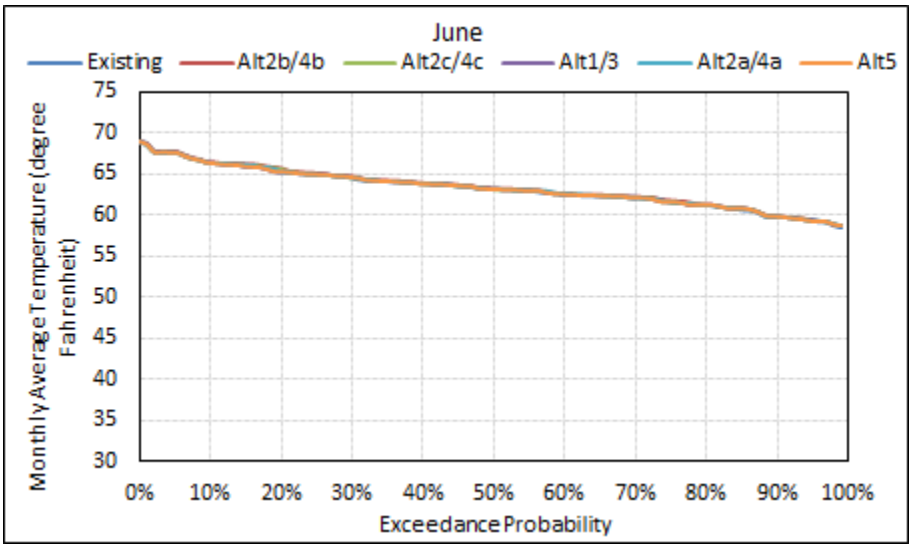
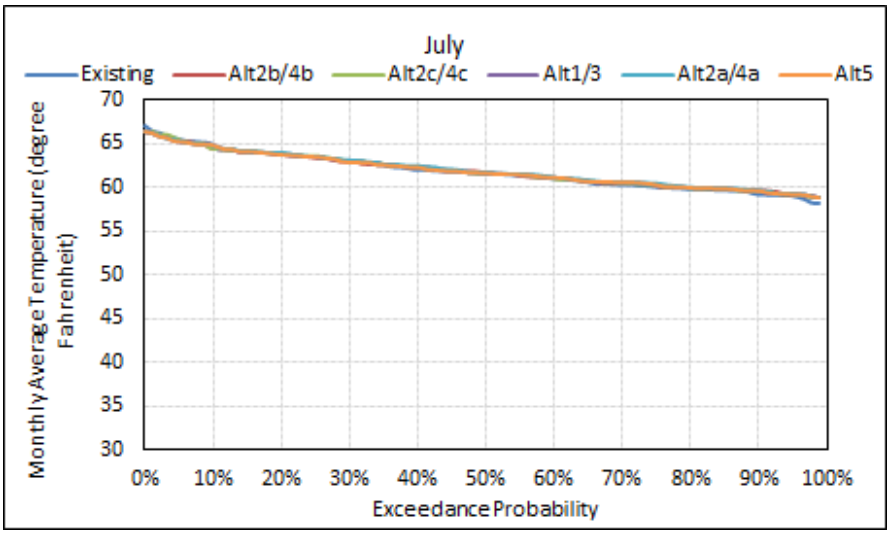
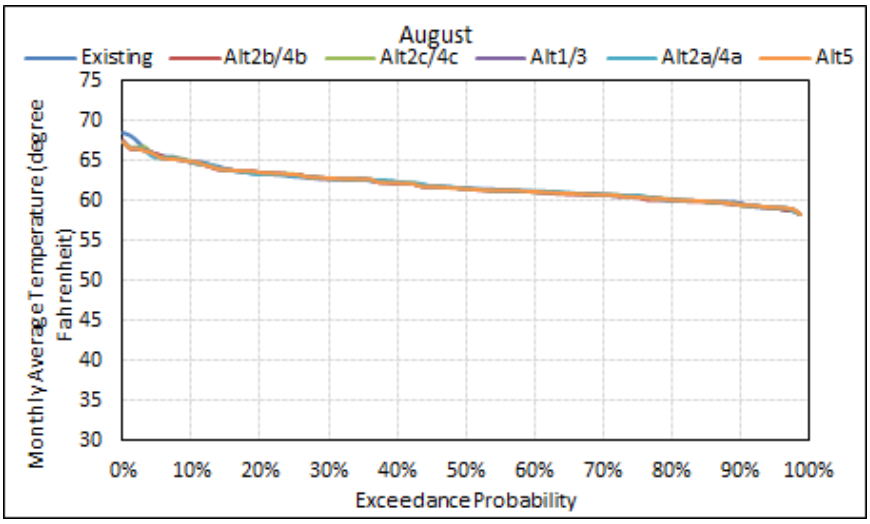


Figure 5A-D1.20.37-D. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





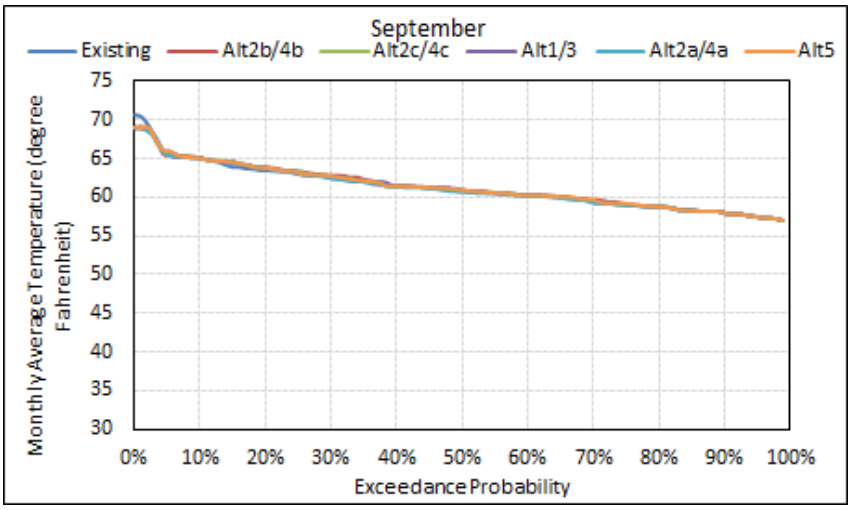


Figure 5A-D1.20.38. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

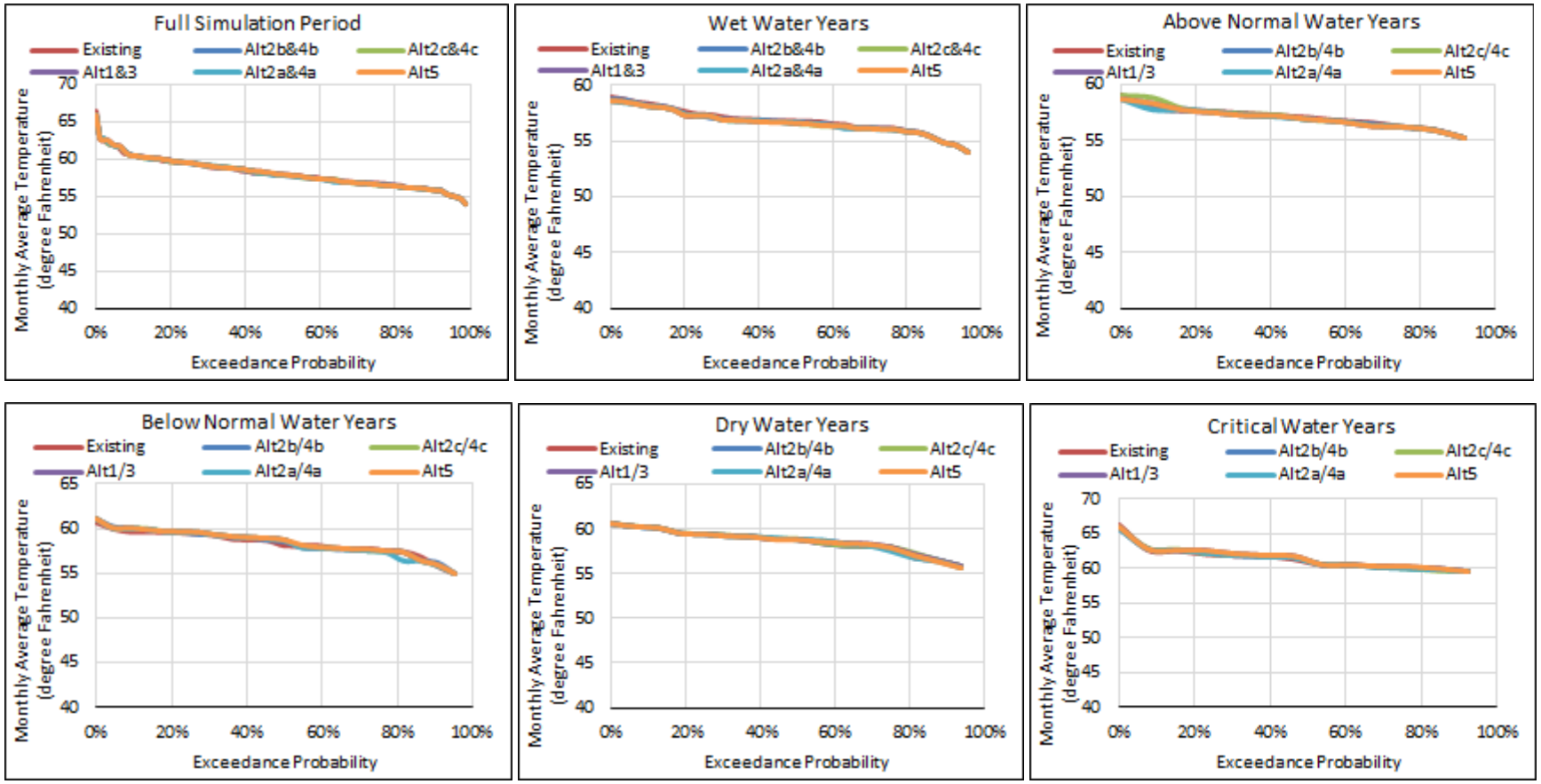


Figure 5A-D1.20.39. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

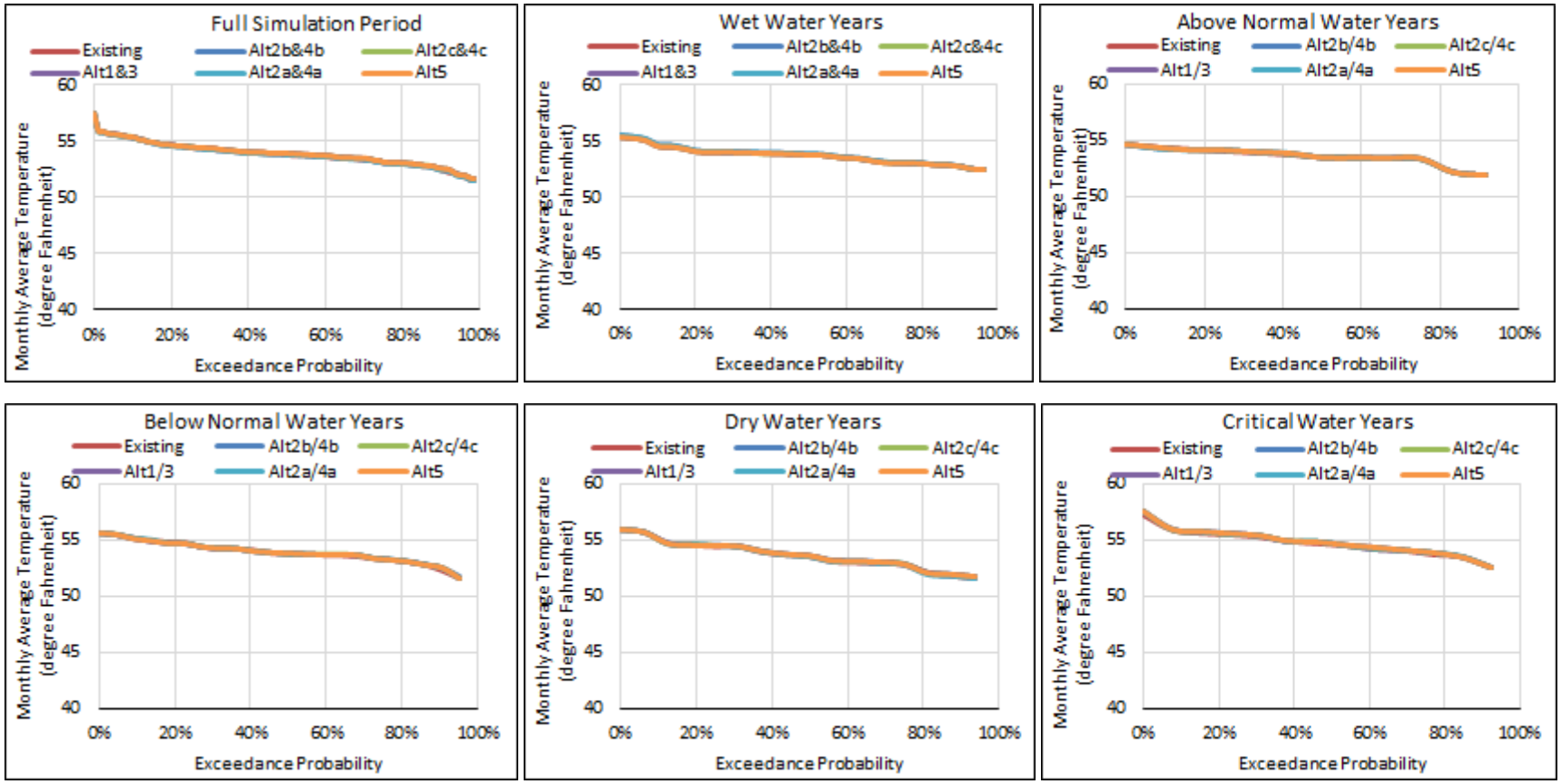


Figure 5A-D1.20.40. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

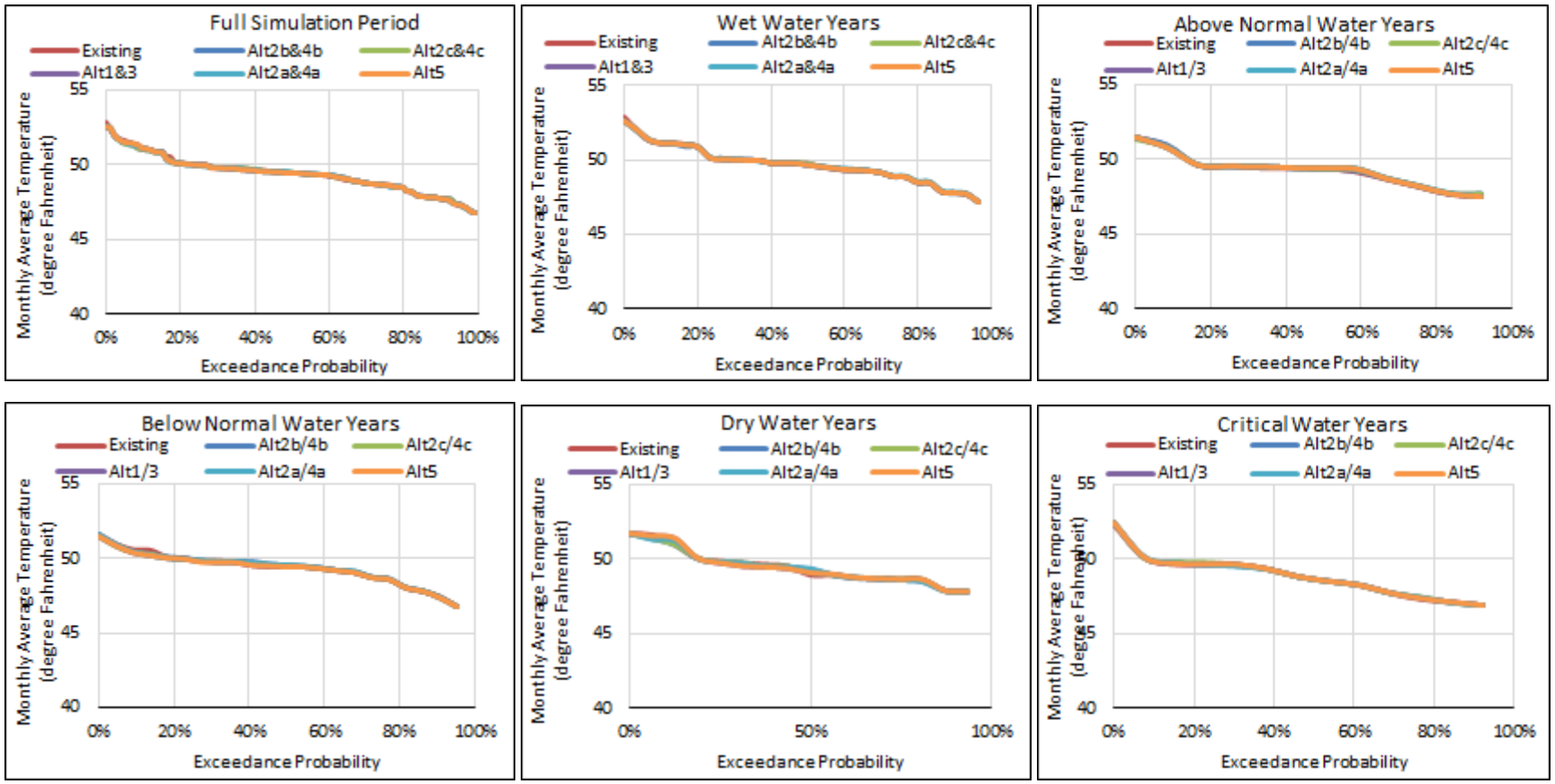


Figure 5A-D1.20.41. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

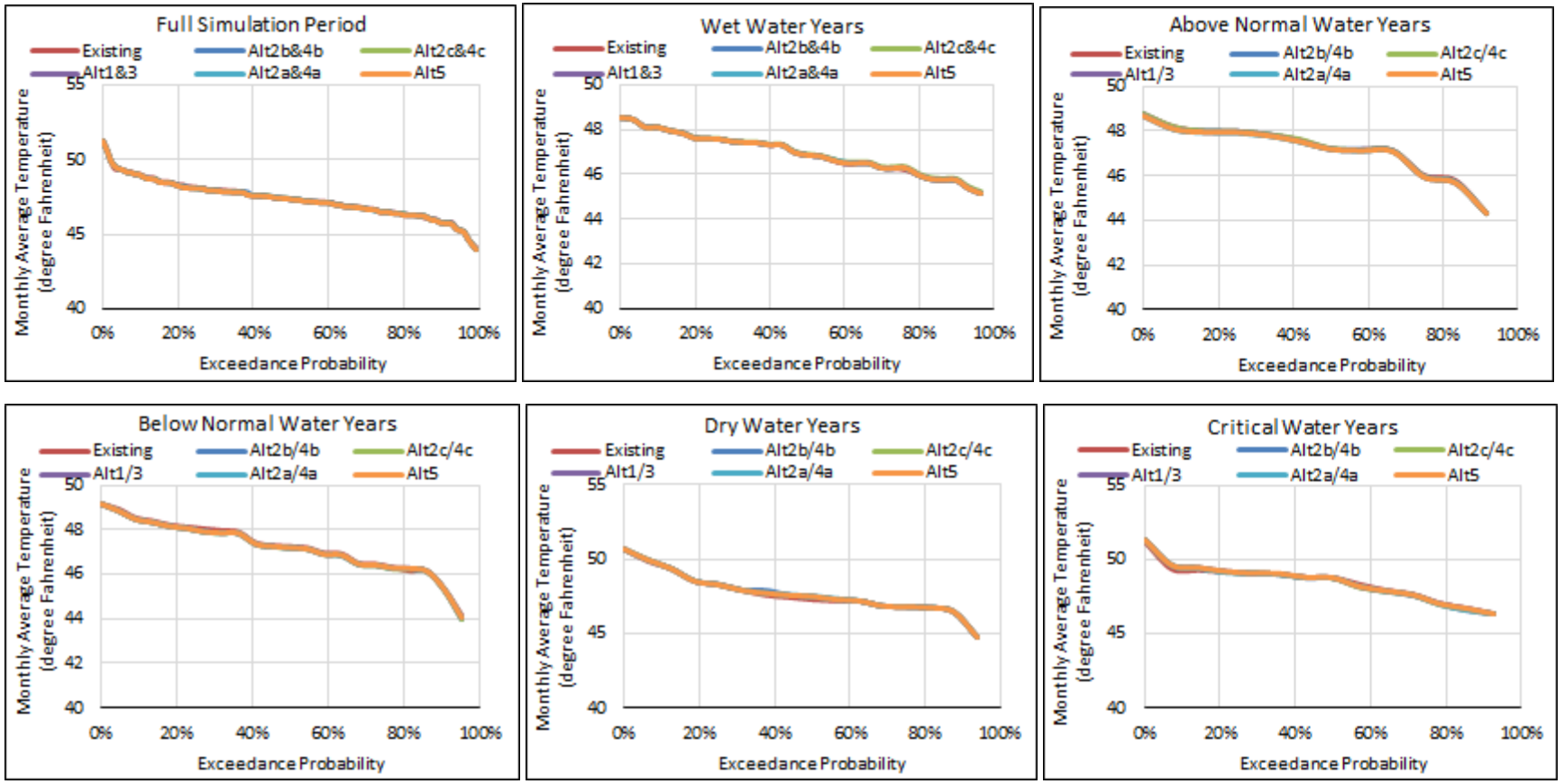


Figure 5A-D1.20.42. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

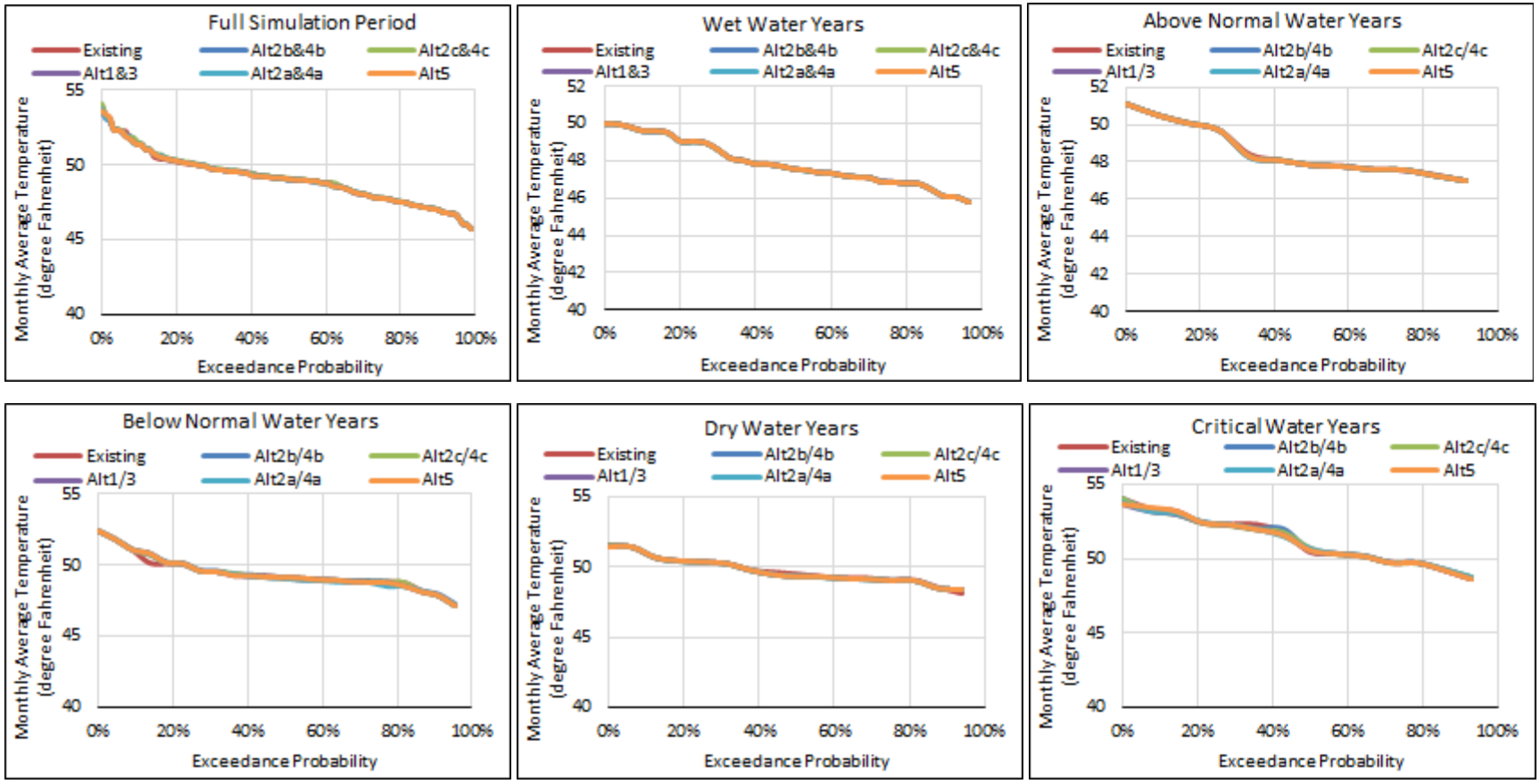


Figure 5A-D1.20.43. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

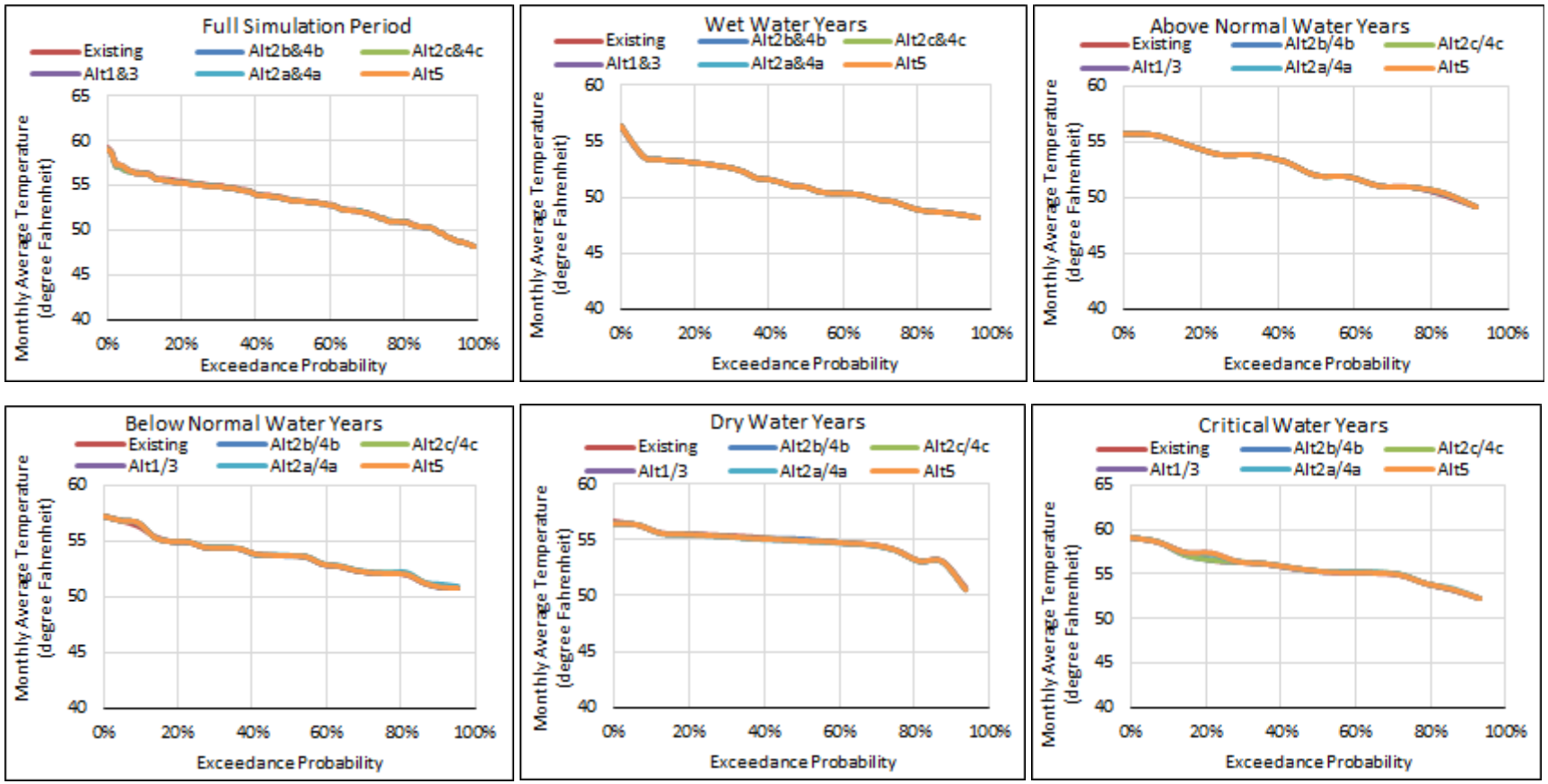


Figure 5A-D1.20.44. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

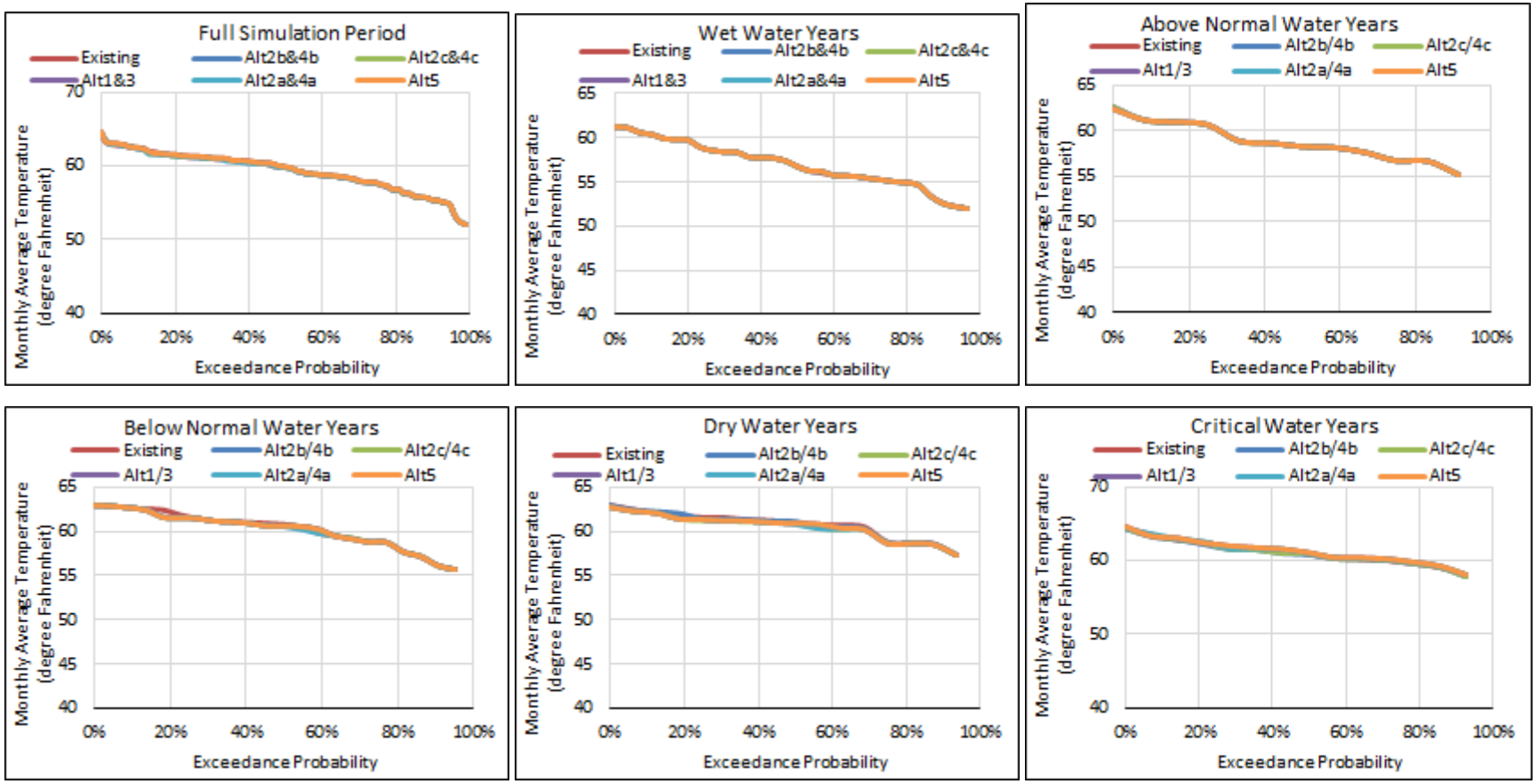


Figure 5A-D1.20.45. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

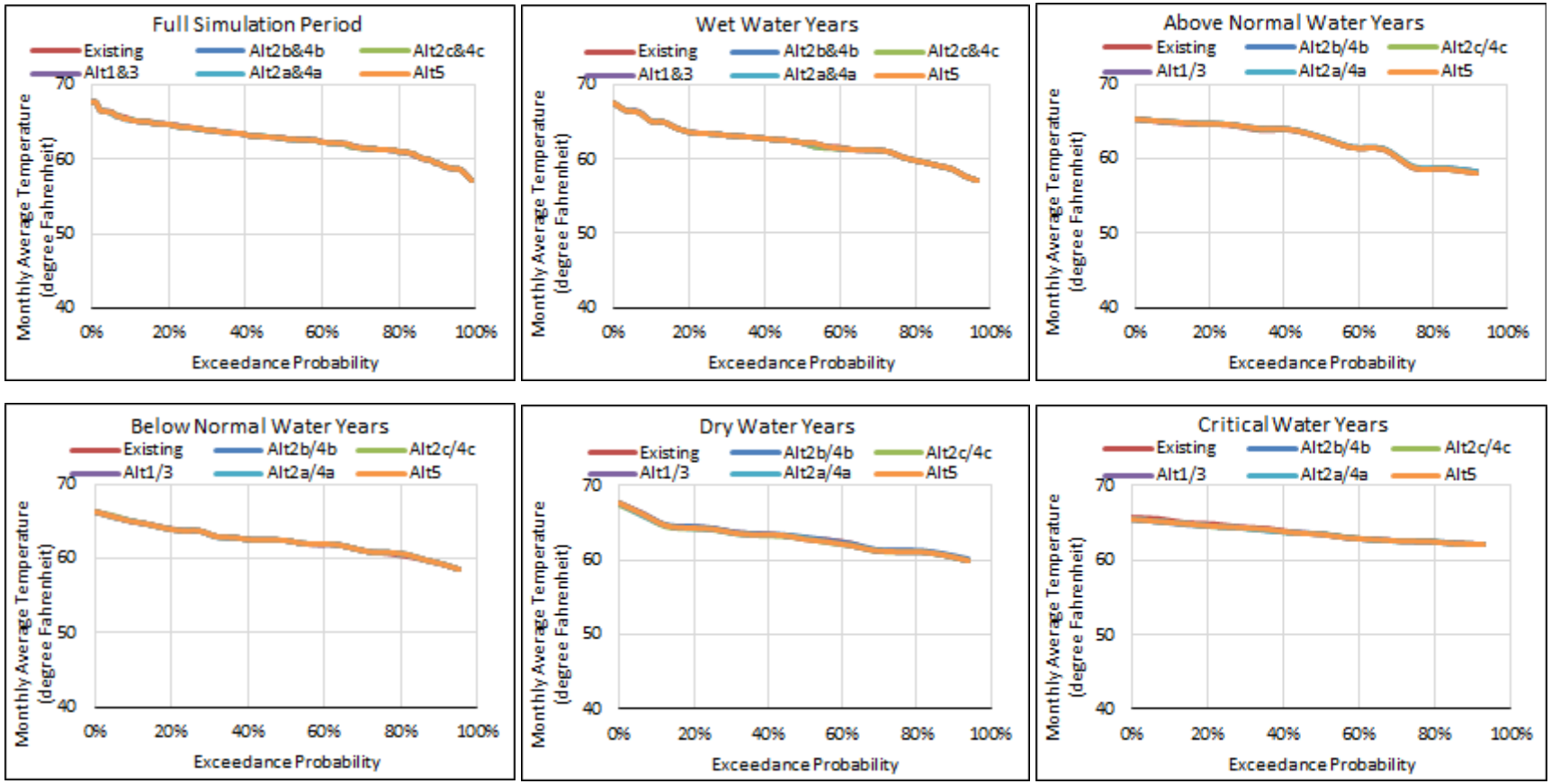


Figure 5A-D1.20.46. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

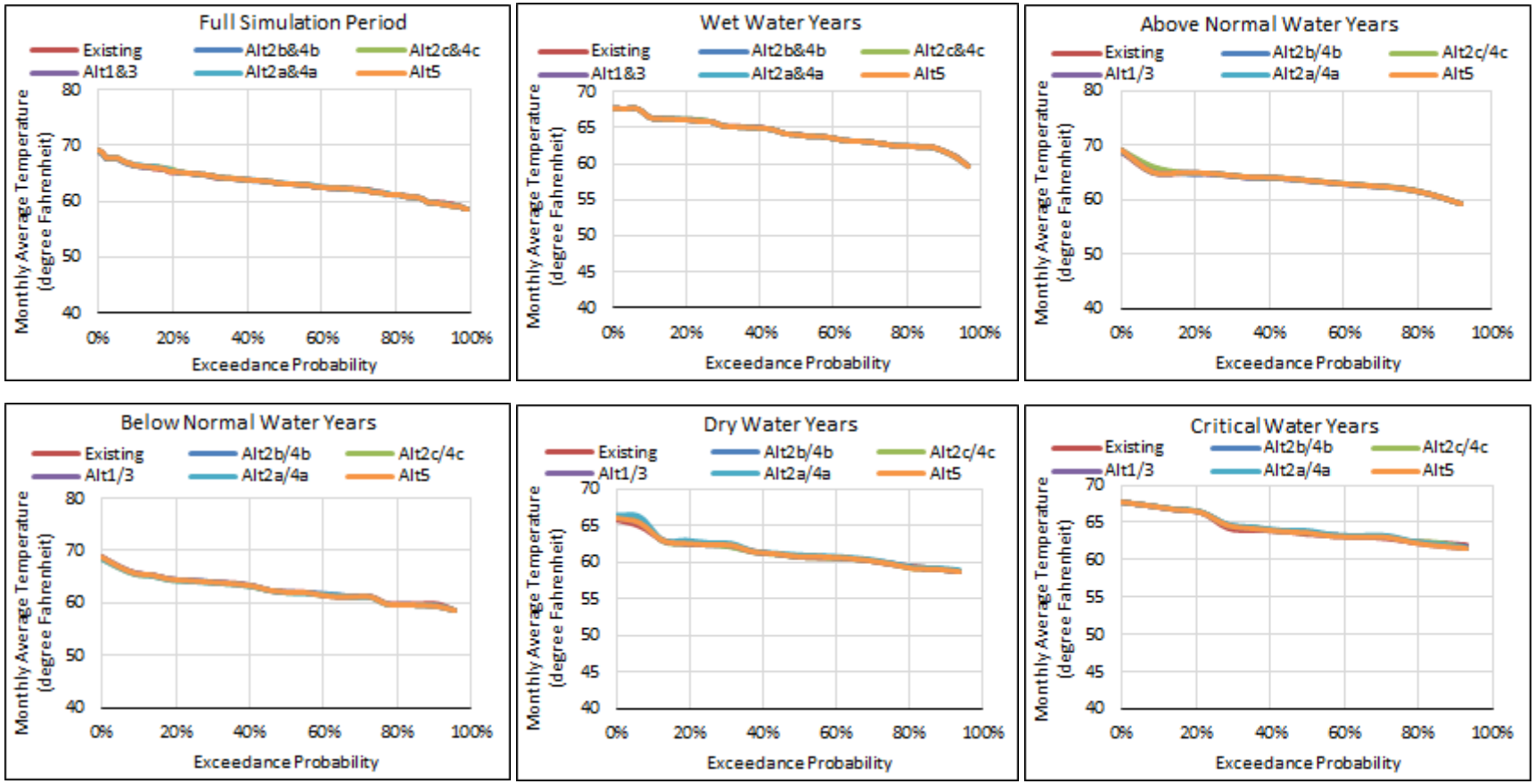


Figure 5A-D1.20.47. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

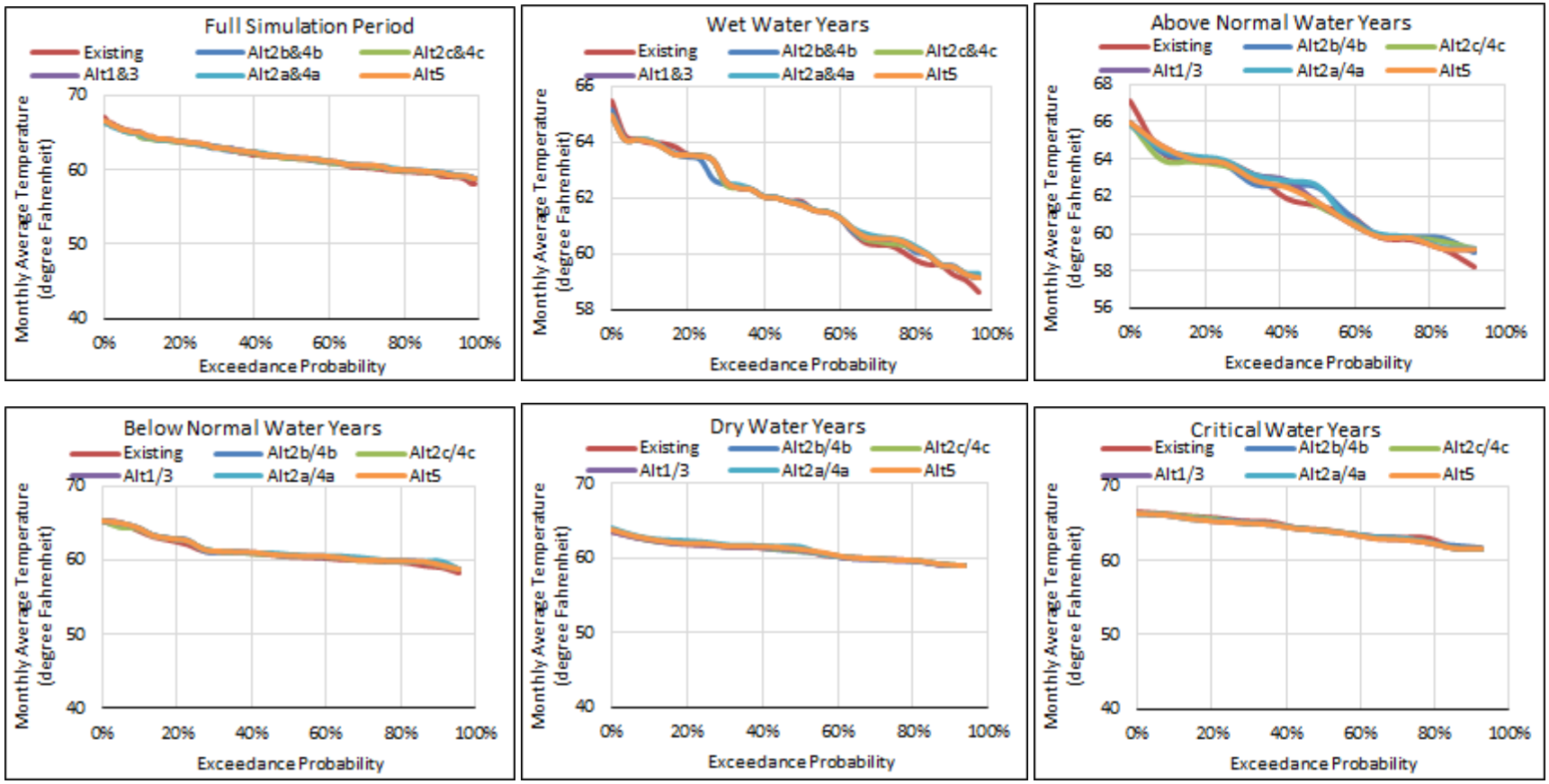


Figure 5A-D1.20.48. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

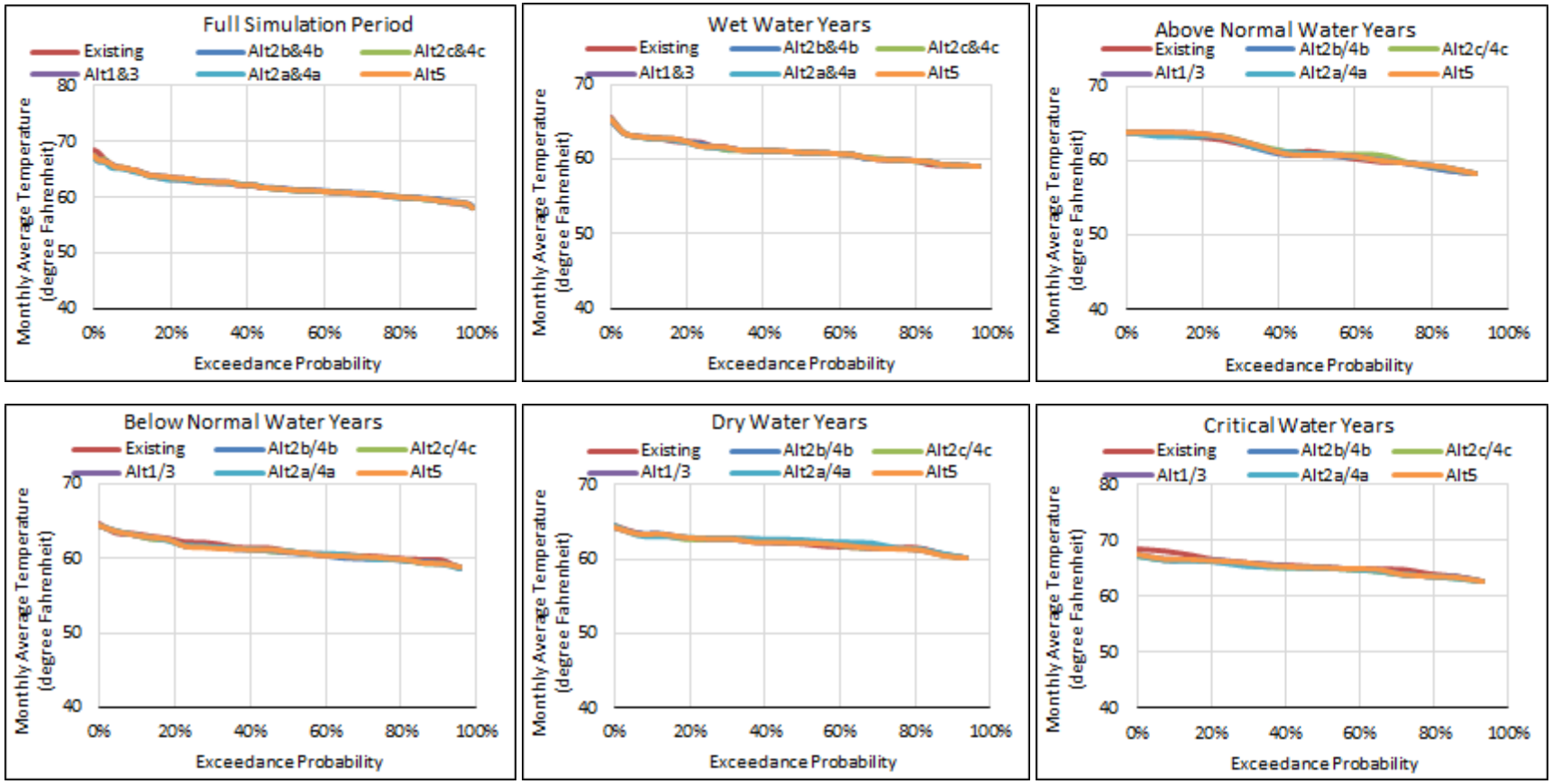
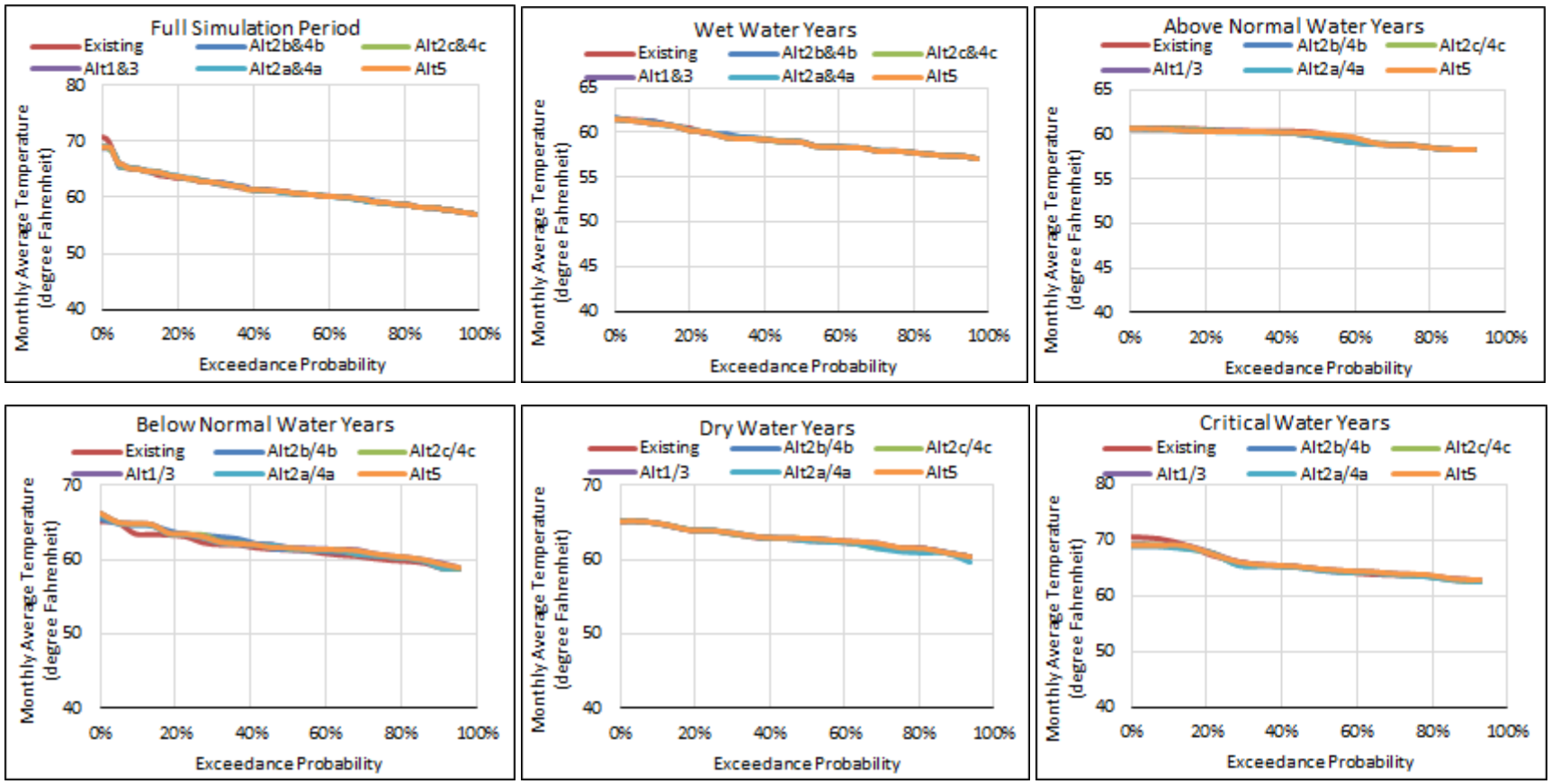


Figure 5A-D1.20.49. Sacramento River at Hamilton City, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.21 Sacramento River at Jellys Ferry

Table 5A-D1.21.1-A. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.8	54.7	52.0	48.8	49.8	53.3	58.4	59.6	57.6	56.4	56.3	57.9
20%	55.9	54.3	51.4	48.3	49.1	52.8	57.7	58.4	57.1	55.3	55.5	56.9
30%	55.4	54.1	50.8	48.0	48.7	52.2	57.3	58.0	56.5	55.0	54.9	56.0
40%	54.6	53.9	50.7	47.6	48.3	51.8	56.8	57.6	55.9	54.6	54.5	55.0
50%	54.2	53.7	50.3	47.3	48.1	51.4	56.2	57.0	55.5	54.3	54.1	54.6
60%	54.0	53.5	49.9	47.1	47.8	50.8	55.7	56.6	55.1	53.9	53.8	54.1
70%	53.6	53.2	49.5	46.7	47.1	50.1	55.1	56.3	54.5	53.6	53.6	53.6
80%	53.3	53.0	49.1	46.3	46.8	49.4	53.9	55.7	54.0	53.3	53.3	53.2
90%	52.8	52.6	48.3	45.9	46.3	48.4	53.3	54.8	53.4	53.1	53.0	52.6

Table 5A-D1.21.1-B. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.8	53.7	50.2	47.4	48.0	51.1	56.0	57.1	55.6	54.4	54.6	55.3
Wet Water Years	53.6	53.6	50.6	46.9	47.0	49.5	54.5	57.1	56.0	54.3	53.7	53.5
Above Normal Water Years	53.7	53.5	50.1	47.2	47.6	50.8	56.0	57.0	55.6	54.4	53.8	53.7
Below Normal Water Years	54.7	53.6	50.2	47.3	48.3	51.5	56.8	56.8	54.9	53.9	54.1	55.1
Dry Water Years	54.8	53.4	50.3	47.8	48.6	52.3	56.9	57.1	54.2	54.0	54.6	55.9
Critical Water Years	58.5	54.6	49.5	48.2	49.5	52.7	56.7	58.0	57.3	56.2	58.0	60.2

Table 5A-D1.21.1-C. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.8	54.7	52.0	48.8	49.9	53.4	58.4	59.6	57.8	56.3	56.2	58.1
20%	55.9	54.3	51.3	48.2	49.1	52.8	57.5	58.4	57.1	55.3	55.6	57.2
30%	55.4	54.1	50.8	48.0	48.7	52.1	57.3	58.0	56.6	55.0	54.9	55.9
40%	54.7	53.9	50.7	47.7	48.3	51.8	56.8	57.5	55.9	54.6	54.4	55.1
50%	54.1	53.7	50.3	47.3	48.0	51.4	56.1	57.0	55.6	54.4	54.1	54.5
60%	54.0	53.6	49.9	47.1	47.7	50.8	55.7	56.6	55.1	54.0	53.7	54.2
70%	53.6	53.3	49.5	46.7	47.2	50.1	55.1	56.3	54.4	53.6	53.5	53.7
80%	53.2	53.0	49.1	46.3	46.8	49.4	54.0	55.7	54.1	53.4	53.3	53.3
90%	53.0	52.6	48.3	45.8	46.4	48.4	53.3	54.9	53.3	53.2	53.0	52.6

Table 5A-D1.21.1-D. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.8	53.7	50.2	47.4	48.0	51.1	55.9	57.1	55.6	54.5	54.5	55.3
Wet Water Years	53.6	53.6	50.6	46.9	47.0	49.5	54.5	57.0	56.0	54.3	53.7	53.5
Above Normal Water Years	53.7	53.5	50.1	47.2	47.6	50.8	56.0	57.0	55.7	54.4	53.8	53.7
Below Normal Water Years	54.7	53.6	50.2	47.3	48.3	51.5	56.8	56.8	54.9	54.0	53.9	55.4
Dry Water Years	54.8	53.4	50.3	47.8	48.6	52.2	56.8	57.1	54.2	54.0	54.6	55.9
Critical Water Years	58.6	54.7	49.6	48.2	49.5	52.7	56.6	57.9	57.4	56.1	57.3	59.8

Table 5A-D1.21.1-E. Sacramento River at Jellys Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.3	-0.2	-0.1	0.1
20%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.4
30%	-0.1	0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	0.1	-0.1	0.1	0.0
40%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.0
50%	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	-0.1	-0.1
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
70%	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.1	-0.1	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1
90%	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0

Table 5A-D1.21.1-F. Sacramento River at Jellys Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.0	0.0	0.1	0.0	-0.2	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.21.1-G. Sacramento River at Jellys Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%	0.5%	-0.3%	-0.3%	0.2%
20%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.1%	0.7%
30%	-0.1%	0.1%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.2%	0.1%	-0.1%	0.1%	-0.1%
40%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.2%	0.1%	-0.1%	-0.2%	0.1%
50%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.2%	0.2%	-0.1%	-0.2%
60%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.1%	0.2%	-0.1%	0.2%
70%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	-0.1%	0.1%	-0.2%	0.1%
80%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%	0.0%	-0.1%	0.1%
90%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.2%	0.0%	0.0%

Table 5A-D1.21.1-H. Sacramento River at Jellys Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.3%	0.5%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.3%	-0.2%	0.3%	-0.2%	-1.1%	-0.6%

Table 5A-D1.21.2-A. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.8	54.7	52.0	48.8	49.8	53.4	58.3	59.6	57.8	56.3	56.1	58.0
20%	55.9	54.3	51.3	48.2	49.1	52.8	57.4	58.4	57.1	55.3	55.5	57.0
30%	55.4	54.1	50.8	48.0	48.8	52.1	57.3	58.0	56.6	55.0	54.9	55.9
40%	54.7	53.9	50.7	47.7	48.3	51.8	56.8	57.5	55.9	54.6	54.4	55.0
50%	54.1	53.7	50.3	47.3	48.0	51.4	56.1	57.0	55.6	54.4	54.1	54.5
60%	54.0	53.6	49.9	47.1	47.7	50.8	55.7	56.6	55.1	53.9	53.7	54.2
70%	53.6	53.3	49.5	46.7	47.3	50.1	55.0	56.3	54.4	53.6	53.5	53.7
80%	53.2	53.0	49.1	46.3	46.8	49.4	54.0	55.7	54.0	53.3	53.3	53.3
90%	52.8	52.6	48.3	45.9	46.3	48.4	53.3	54.9	53.4	53.2	53.0	52.6

Table 5A-D1.21.2-B. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.8	53.7	50.2	47.4	48.0	51.1	55.9	57.1	55.6	54.5	54.5	55.3
Wet Water Years	53.6	53.6	50.6	46.9	47.0	49.5	54.5	57.0	56.0	54.3	53.7	53.5
Above Normal Water Years	53.7	53.5	50.1	47.2	47.6	50.8	56.0	57.0	55.7	54.4	53.9	53.6
Below Normal Water Years	54.7	53.6	50.2	47.3	48.3	51.5	56.8	56.8	54.9	54.0	53.9	55.4
Dry Water Years	54.8	53.4	50.3	47.8	48.6	52.2	56.8	57.1	54.2	54.0	54.6	55.9
Critical Water Years	58.5	54.7	49.6	48.2	49.6	52.7	56.6	57.9	57.4	56.1	57.3	59.9

Table 5A-D1.21.2-C. Sacramento River at Jellys Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.1	-0.1	-0.1	0.2	-0.1	-0.2	0.0
20%	0.0	0.1	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.1
30%	-0.1	0.0	0.0	0.0	0.1	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0

Table 5A-D1.21.2-D. Sacramento River at Jellys Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.1	0.0	0.1	0.0	-0.2	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.21.2-E. Sacramento River at Jellys Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.2%	-0.1%	-0.1%	0.3%	-0.2%	-0.3%	0.1%
20%	0.1%	0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.1%	0.2%
30%	-0.1%	0.0%	0.1%	0.0%	0.2%	-0.1%	0.0%	-0.2%	0.1%	0.0%	0.0%	0.0%
40%	0.2%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.2%	0.1%	0.0%	-0.2%	-0.1%
50%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.2%	0.1%	-0.1%	-0.2%
60%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.2%	0.1%
70%	0.1%	0.1%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%
80%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%
90%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.2%	0.1%	0.0%

Table 5A-D1.21.2-F. Sacramento River at Jellys Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	-0.1%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.3%	-0.2%	0.2%	-0.2%	-1.1%	-0.5%

Table 5A-D1.21.3-A. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.8	54.7	52.1	48.8	49.7	53.4	58.3	59.6	57.8	56.3	56.0	58.0
20%	55.9	54.3	51.3	48.2	49.1	52.8	57.4	58.4	57.0	55.3	55.6	57.2
30%	55.4	54.1	50.9	48.0	48.7	52.1	57.3	58.0	56.6	55.0	54.9	56.0
40%	54.7	53.9	50.7	47.7	48.3	51.8	56.8	57.6	55.9	54.7	54.4	54.9
50%	54.2	53.7	50.3	47.3	48.0	51.4	56.3	57.0	55.6	54.4	54.1	54.5
60%	54.0	53.6	49.9	47.1	47.7	50.8	55.7	56.6	55.0	53.9	53.7	54.2
70%	53.6	53.3	49.5	46.7	47.2	50.1	55.1	56.3	54.4	53.7	53.5	53.7
80%	53.2	53.0	49.1	46.3	46.8	49.4	54.0	55.7	54.0	53.3	53.3	53.2
90%	52.9	52.6	48.3	45.9	46.3	48.4	53.3	54.9	53.3	53.2	53.0	52.6

Table 5A-D1.21.3-B. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.8	53.7	50.2	47.4	48.0	51.1	55.9	57.1	55.6	54.5	54.5	55.3
Wet Water Years	53.6	53.6	50.6	46.9	47.0	49.5	54.5	57.1	56.0	54.3	53.7	53.5
Above Normal Water Years	53.7	53.5	50.1	47.2	47.6	50.8	55.9	57.0	55.7	54.4	53.8	53.6
Below Normal Water Years	54.7	53.6	50.1	47.3	48.3	51.5	56.8	56.8	54.9	54.0	54.0	55.4
Dry Water Years	54.8	53.4	50.3	47.8	48.6	52.2	56.9	57.1	54.2	54.0	54.6	56.0
Critical Water Years	58.7	54.7	49.5	48.2	49.5	52.7	56.6	57.9	57.4	56.1	57.4	60.0

Table 5A-D1.21.3-C. Sacramento River at Jellys Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.1	-0.1	-0.1	0.2	-0.1	-0.3	0.0
20%	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.3
30%	-0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	0.0
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	-0.1
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0

Table 5A-D1.21.3-D. Sacramento River at Jellys Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.21.3-E. Sacramento River at Jellys Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.2%	-0.1%	-0.1%	0.4%	-0.2%	-0.5%	0.0%
20%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.4%	0.0%	-0.1%	0.0%	0.1%	0.5%
30%	-0.1%	0.1%	0.1%	-0.1%	0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%
40%	0.2%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.1%	-0.2%
50%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.3%	-0.1%	0.2%	0.1%	0.0%	-0.1%
60%	0.0%	0.1%	-0.1%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.2%	0.1%
70%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.1%	0.1%
80%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%
90%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.2%	0.1%	0.0%

Table 5A-D1.21.3-F. Sacramento River at Jellys Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.1%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.2%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-1.0%	-0.3%

Table 5A-D1.21.4-A. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.8	54.7	52.0	48.8	49.7	53.4	58.3	59.5	57.9	56.3	56.0	57.9
20%	55.9	54.3	51.3	48.2	49.1	52.8	57.5	58.4	57.1	55.3	55.5	57.1
30%	55.4	54.1	50.9	48.0	48.8	52.1	57.2	58.0	56.6	55.0	54.9	56.0
40%	54.8	53.9	50.7	47.7	48.3	51.8	56.8	57.5	56.1	54.7	54.4	54.9
50%	54.1	53.7	50.3	47.3	48.0	51.4	56.1	57.0	55.6	54.5	54.1	54.4
60%	53.9	53.6	49.9	47.1	47.6	50.8	55.7	56.6	55.1	54.0	53.7	54.1
70%	53.6	53.3	49.4	46.7	47.2	50.1	55.1	56.3	54.4	53.7	53.5	53.6
80%	53.2	53.0	49.1	46.3	46.8	49.4	54.0	55.7	54.1	53.4	53.3	53.2
90%	52.9	52.6	48.3	45.8	46.4	48.4	53.3	54.9	53.3	53.1	53.0	52.6

Table 5A-D1.21.4-B. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.8	53.7	50.2	47.4	48.0	51.1	55.9	57.1	55.6	54.5	54.5	55.3
Wet Water Years	53.6	53.6	50.6	46.9	47.0	49.5	54.5	57.1	56.0	54.3	53.7	53.4
Above Normal Water Years	53.7	53.5	50.1	47.2	47.6	50.8	55.9	57.0	55.6	54.5	53.8	53.6
Below Normal Water Years	54.7	53.6	50.2	47.3	48.3	51.6	56.7	56.8	54.9	54.0	54.0	55.3
Dry Water Years	54.8	53.4	50.3	47.8	48.6	52.2	56.8	57.1	54.3	54.0	54.7	55.8
Critical Water Years	58.6	54.7	49.6	48.2	49.5	52.8	56.6	57.9	57.4	56.1	57.3	59.8

Table 5A-D1.21.4-C. Sacramento River at Jellys Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	-0.1	0.3	-0.2	-0.3	0.0
20%	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.2
30%	-0.1	0.0	0.1	0.0	0.1	-0.1	0.0	-0.1	0.1	0.0	0.1	0.0
40%	0.2	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.2	0.1	-0.1	-0.1
50%	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.1	0.1	0.0	-0.2
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0

Table 5A-D1.21.4-D. Sacramento River at Jellys Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	-0.1
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.2	-0.2	-0.7	-0.3

Table 5A-D1.21.4-E. Sacramento River at Jellys Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.0%	0.1%	0.0%	-0.2%	0.1%	-0.1%	-0.2%	0.5%	-0.3%	-0.4%	-0.1%
20%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.4%
30%	-0.1%	0.1%	0.2%	0.0%	0.2%	-0.1%	-0.1%	-0.2%	0.1%	0.0%	0.1%	0.0%
40%	0.3%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.2%	0.3%	0.1%	-0.2%	-0.2%
50%	-0.1%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.2%	0.2%	0.0%	-0.4%
60%	-0.1%	0.1%	0.0%	0.0%	-0.3%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%	0.1%
70%	-0.1%	0.0%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.1%	0.0%
80%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.0%	0.1%	0.0%	0.0%	0.1%
90%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.2%	0.1%	0.0%

Table 5A-D1.21.4-F. Sacramento River at Jellys Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%
Wet Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.4%
Dry Water Years	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.2%	0.1%	0.1%	-0.2%
Critical Water Years	0.0%	0.2%	0.1%	0.1%	0.0%	0.1%	-0.1%	-0.2%	0.3%	-0.3%	-1.2%	-0.5%

Table 5A-D1.21.5-A. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	56.8	54.7	52.1	48.8	49.7	53.4	58.3	59.6	57.8	56.3	56.0	58.0
20%	55.9	54.3	51.3	48.2	49.1	52.8	57.5	58.4	57.0	55.3	55.6	57.2
30%	55.4	54.1	50.9	48.0	48.7	52.1	57.3	58.0	56.6	55.0	54.9	56.0
40%	54.7	53.9	50.7	47.7	48.3	51.8	56.8	57.6	55.9	54.7	54.4	54.9
50%	54.2	53.7	50.3	47.3	48.0	51.4	56.3	57.0	55.6	54.4	54.1	54.5
60%	54.0	53.6	49.9	47.1	47.7	50.8	55.7	56.6	55.0	53.9	53.7	54.1
70%	53.6	53.3	49.5	46.7	47.2	50.1	55.1	56.3	54.4	53.7	53.5	53.7
80%	53.2	53.0	49.1	46.3	46.8	49.4	54.0	55.7	54.0	53.3	53.3	53.2
90%	52.9	52.6	48.3	45.9	46.3	48.4	53.3	54.9	53.3	53.2	53.0	52.6

Table 5A-D1.21.5-B. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	54.8	53.7	50.2	47.4	48.0	51.1	55.9	57.1	55.6	54.5	54.5	55.3
Wet Water Years	53.6	53.6	50.6	46.9	47.0	49.5	54.5	57.1	56.0	54.3	53.7	53.5
Above Normal Water Years	53.7	53.5	50.1	47.2	47.6	50.8	55.9	57.0	55.6	54.4	53.8	53.7
Below Normal Water Years	54.7	53.6	50.1	47.3	48.3	51.5	56.8	56.8	54.9	54.0	54.0	55.3
Dry Water Years	54.8	53.4	50.3	47.8	48.6	52.2	56.9	57.1	54.2	54.0	54.6	56.0
Critical Water Years	58.7	54.7	49.5	48.2	49.5	52.8	56.6	57.9	57.4	56.1	57.4	60.0

Table 5A-D1.21.5-C. Sacramento River at Jellys Ferry, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.1	-0.1	-0.1	0.2	-0.2	-0.3	0.0
20%	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.1	0.3
30%	-0.1	0.1	0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.1	0.0
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	-0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	-0.1
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0
90%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0

Table 5A-D1.21.5-D. Sacramento River at Jellys Ferry, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.6	-0.2

Table 5A-D1.21.5-E. Sacramento River at Jellys Ferry, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.2%	-0.1%	-0.1%	0.4%	-0.3%	-0.5%	0.1%
20%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.4%	0.0%	-0.1%	0.0%	0.1%	0.5%
30%	-0.1%	0.1%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%
40%	0.2%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.2%	-0.2%
50%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.3%	-0.1%	0.2%	0.1%	0.0%	-0.2%
60%	0.0%	0.1%	-0.1%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.2%	0.0%
70%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.1%	0.1%
80%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.1%	0.0%	0.0%	-0.1%	0.1%
90%	0.0%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.2%	0.1%	0.0%

Table 5A-D1.21.5-F. Sacramento River at Jellys Ferry, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	-0.2%	0.4%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%
Critical Water Years	0.2%	0.2%	0.0%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-1.0%	-0.3%

Figure 5A-D1.21.1. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

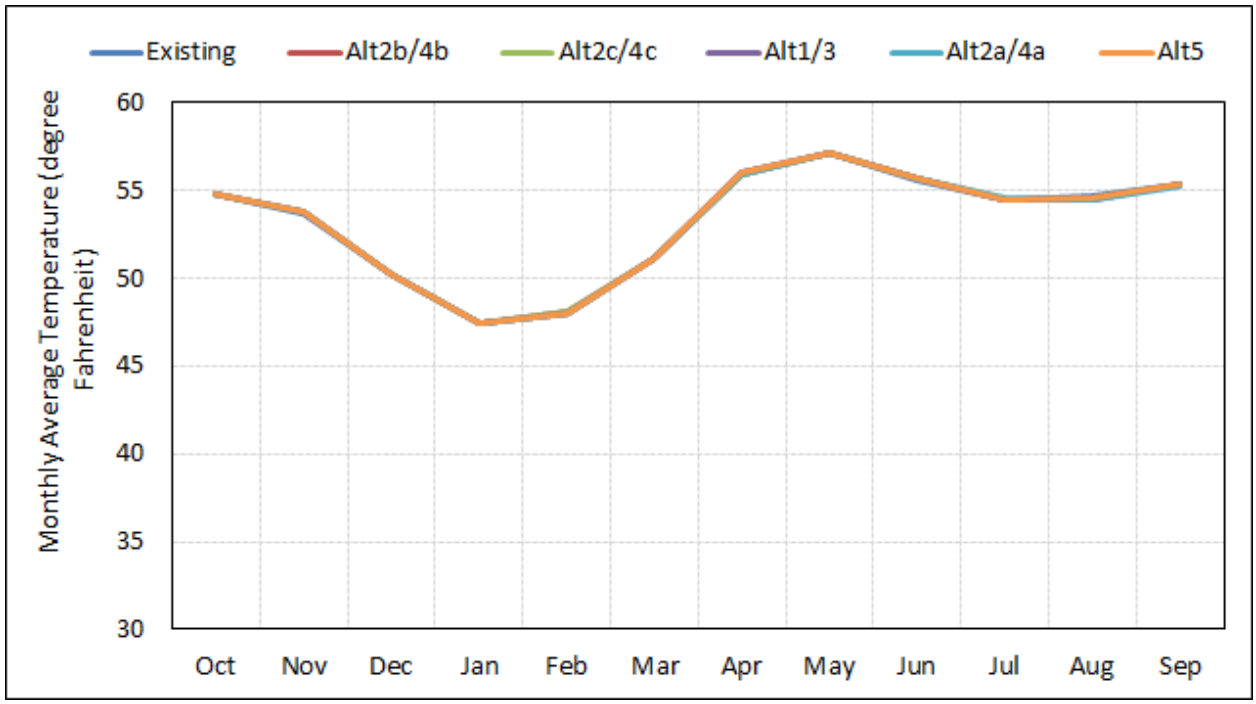


Figure 5A-D1.21.2. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

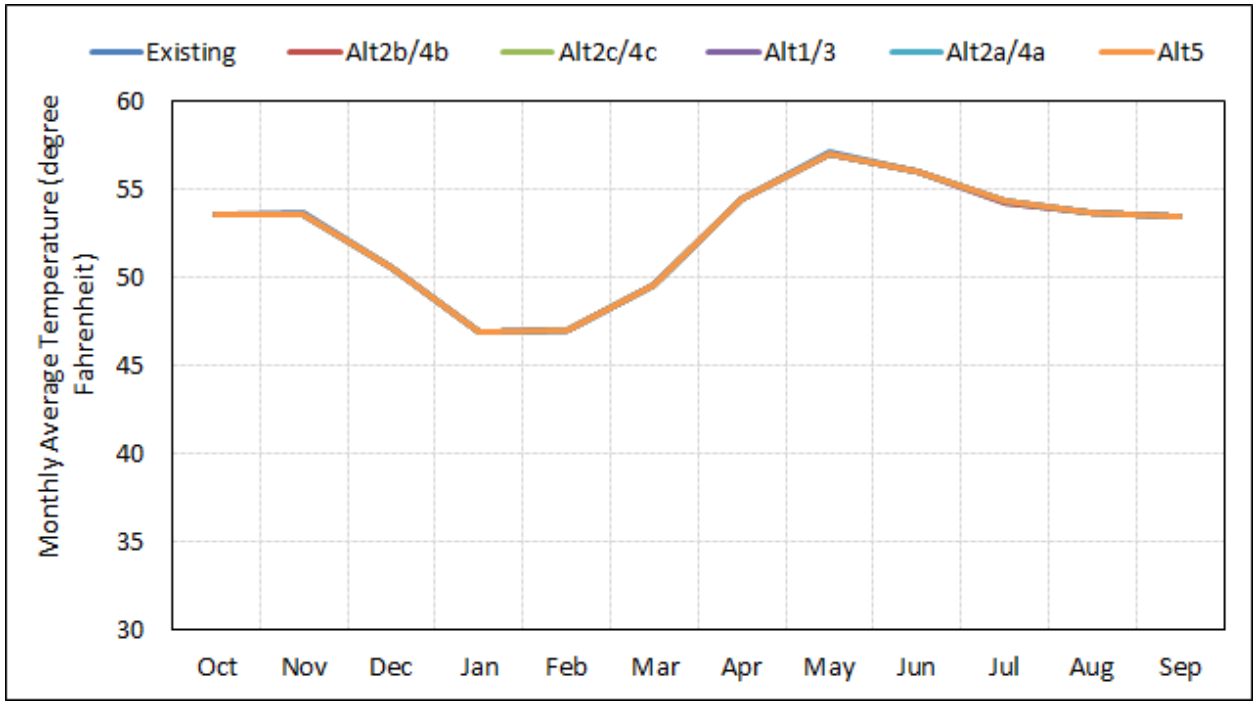


Figure 5A-D1.21.3. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

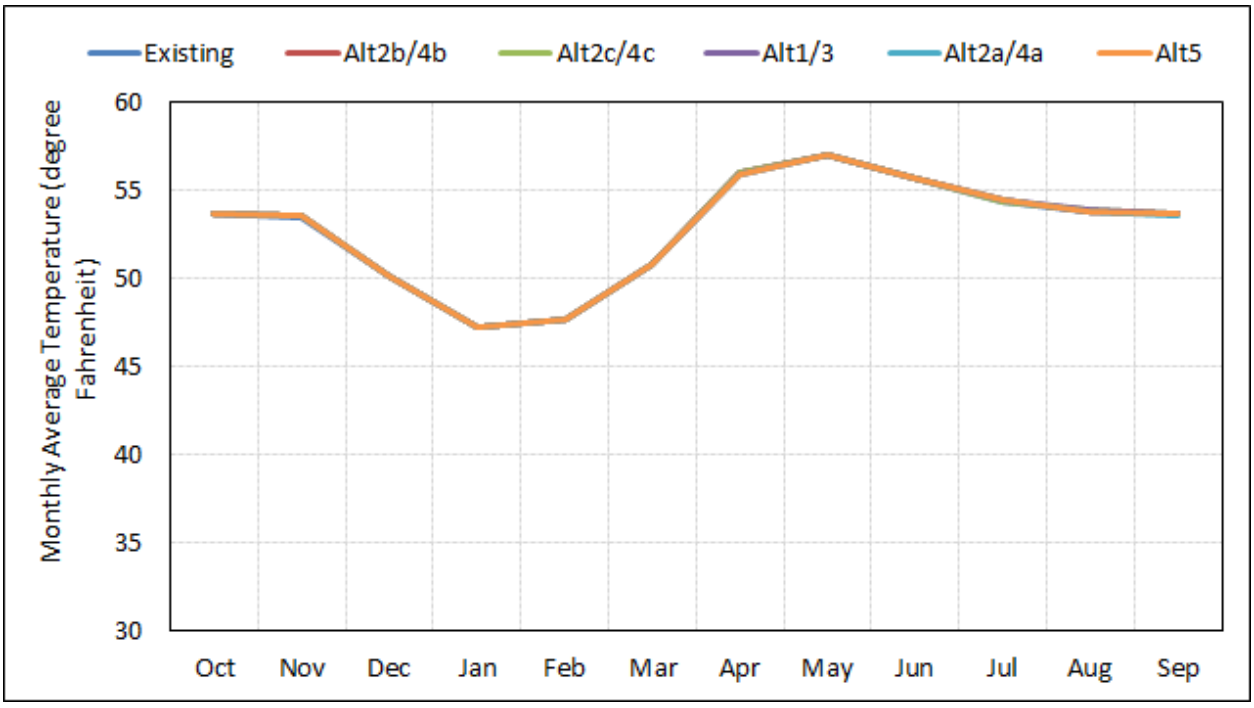


Figure 5A-D1.21.4. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

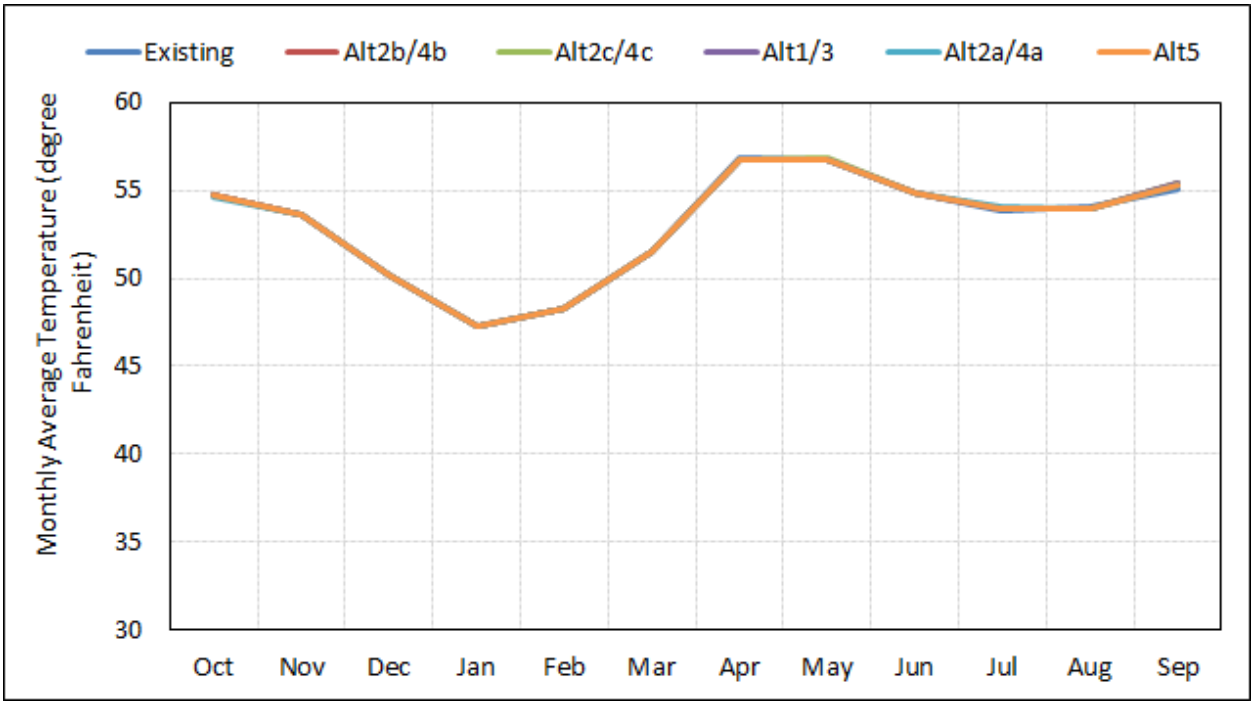


Figure 5A-D1.21.5. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

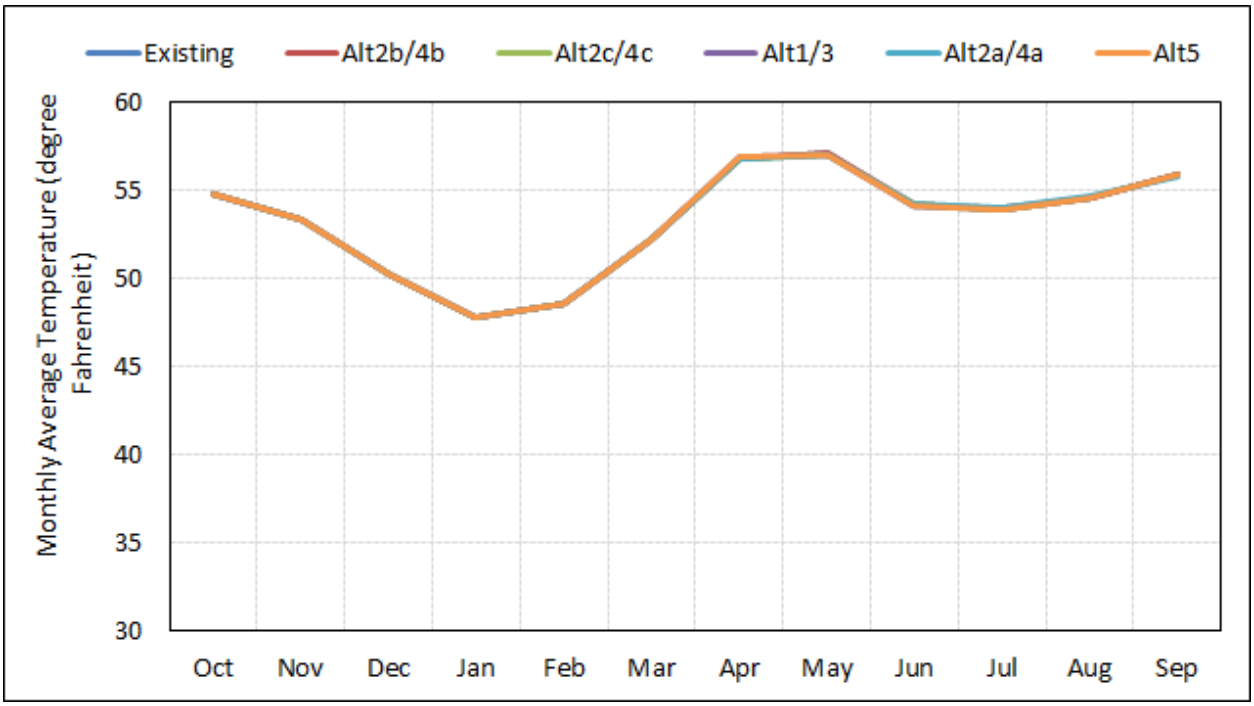


Figure 5A-D1.21.6. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

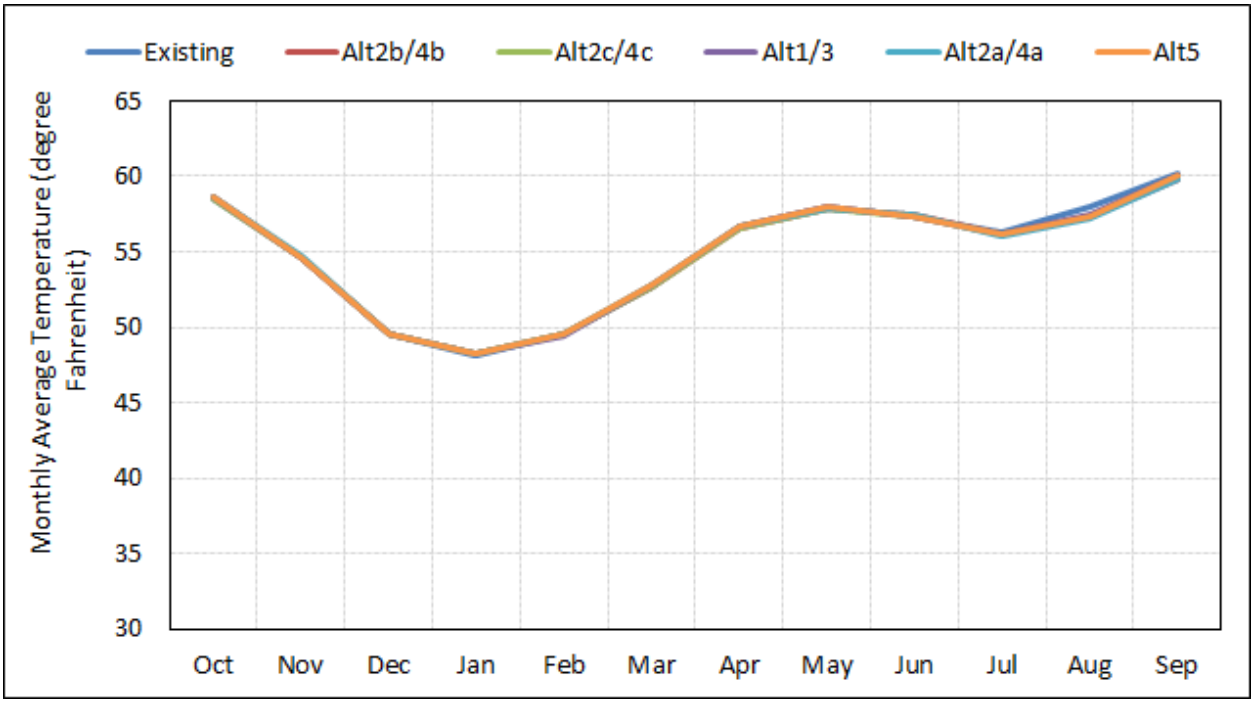


Figure 5A-D1.21.7. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

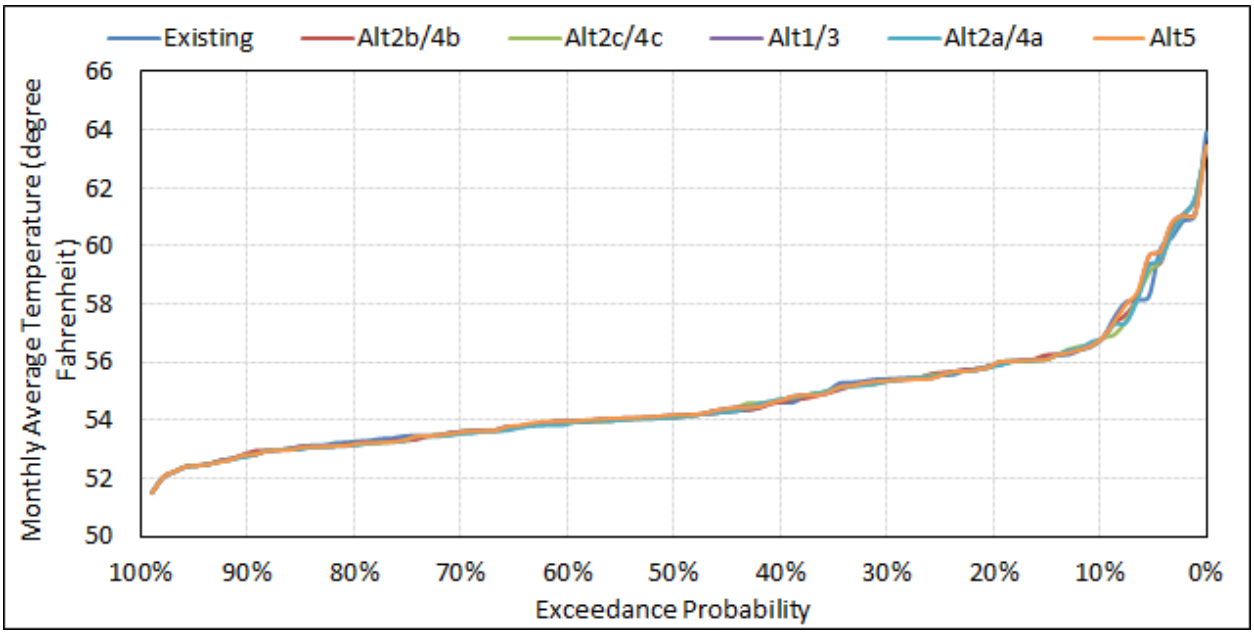


Figure 5A-D1.21.8. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

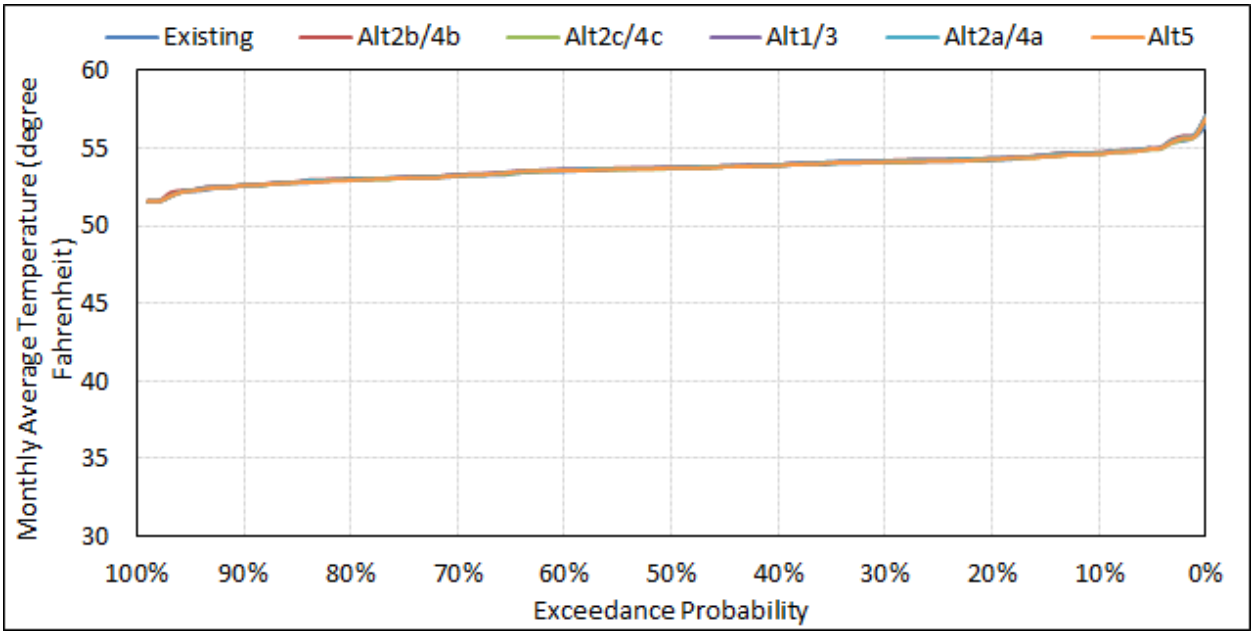


Figure 5A-D1.21.9. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

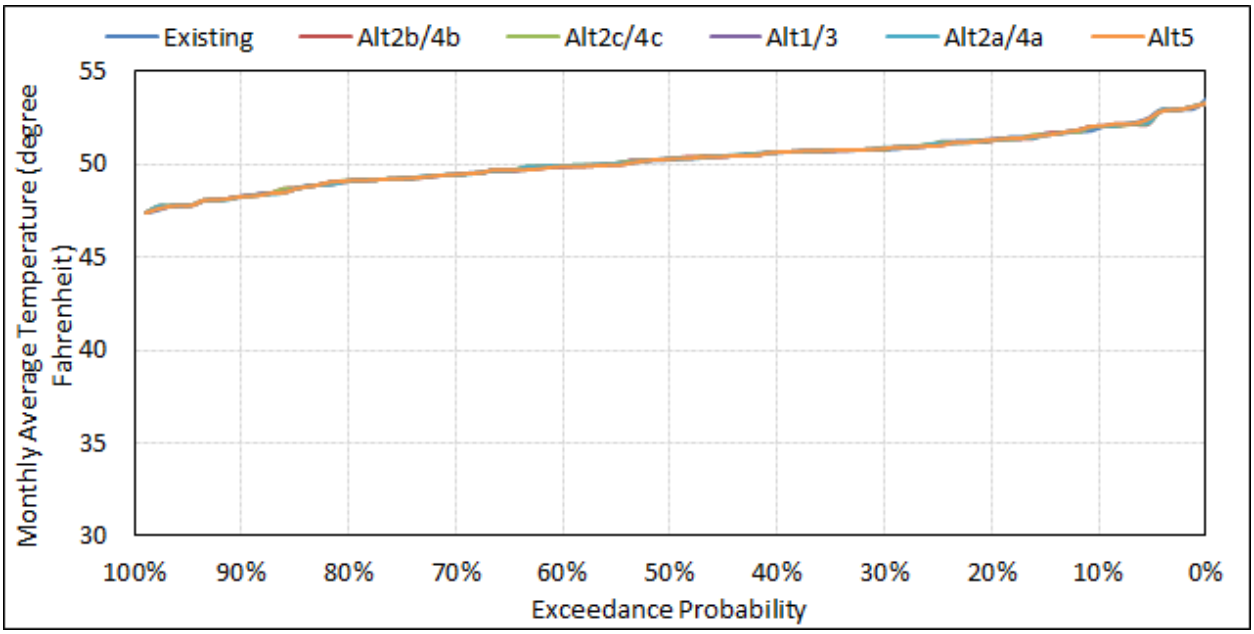


Figure 5A-D1.21.10. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

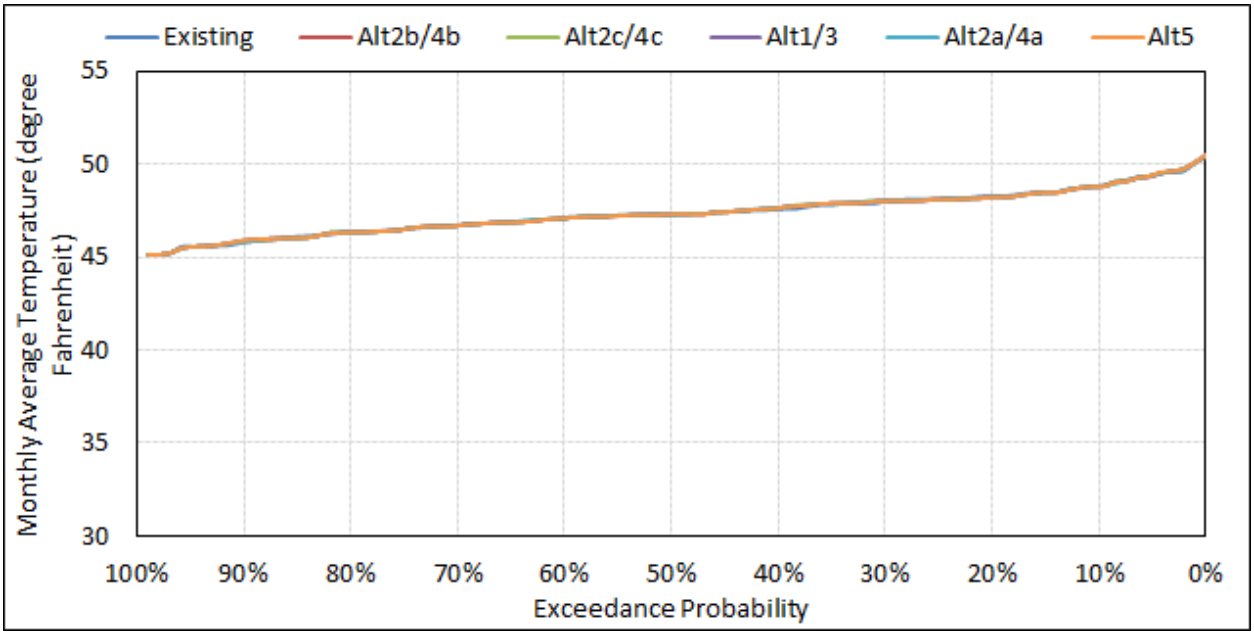


Figure 5A-D1.21.11. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

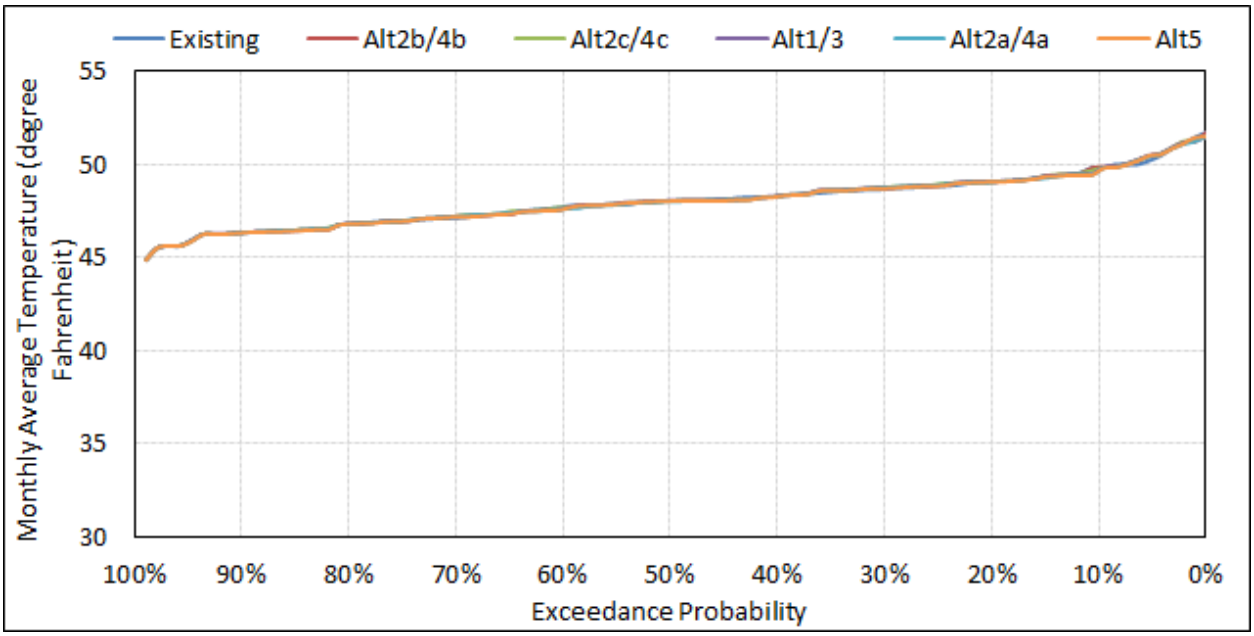


Figure 5A-D1.21.12. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

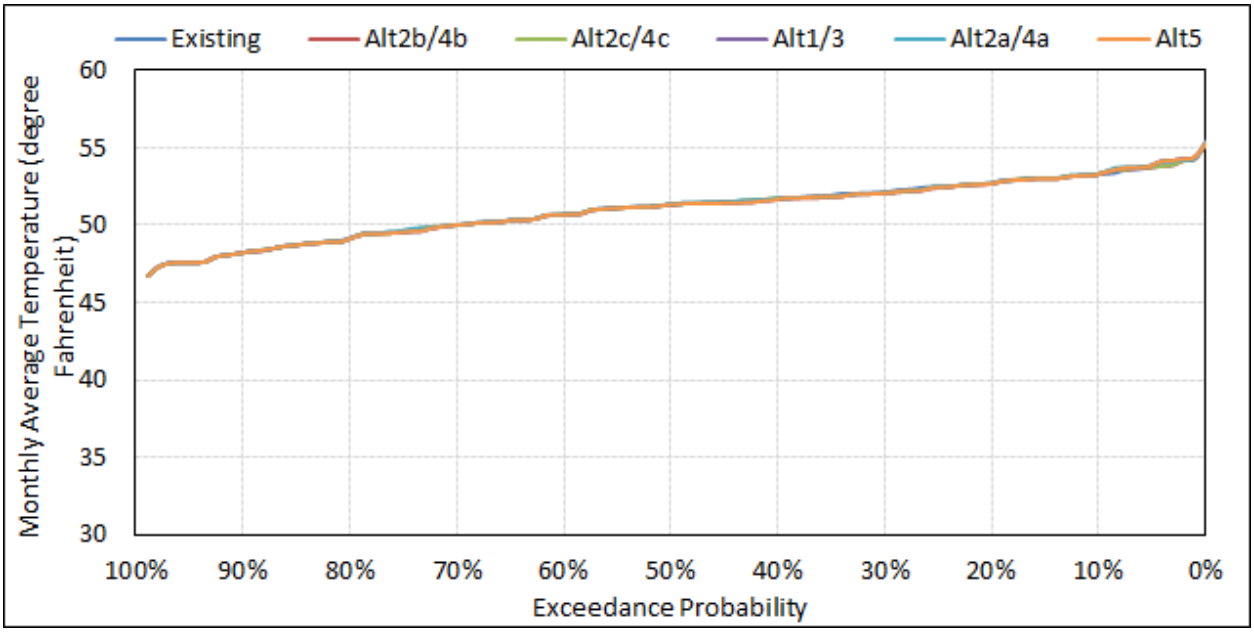


Figure 5A-D1.21.13. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

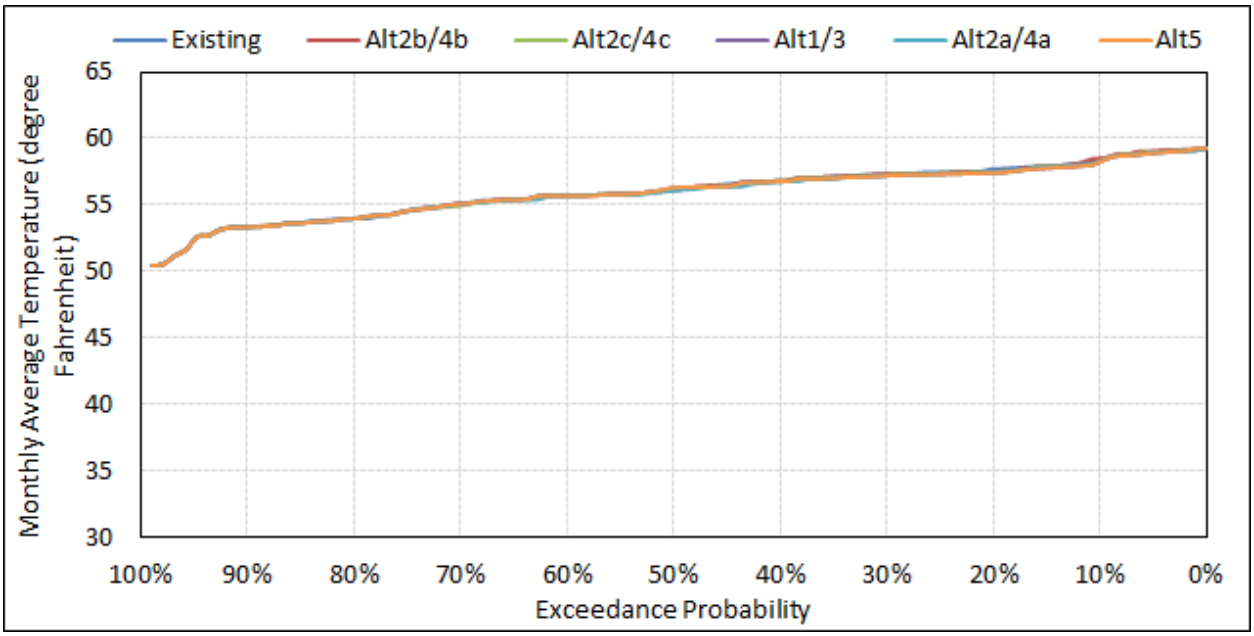


Figure 5A-D1.21.14. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

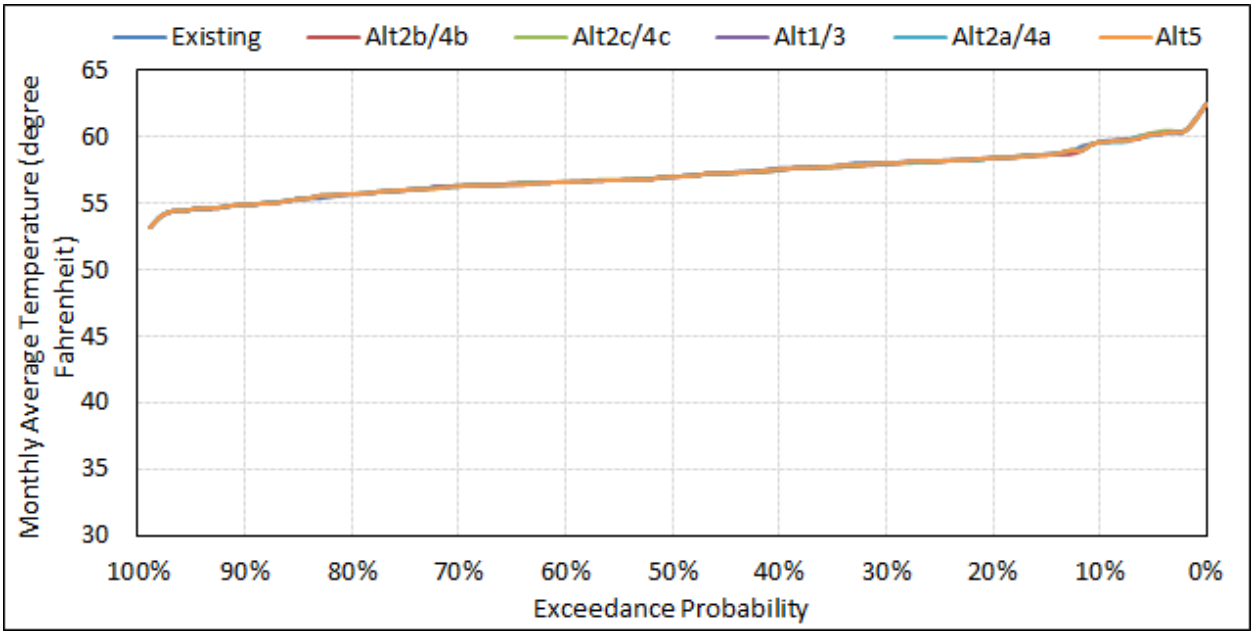


Figure 5A-D1.21.15. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

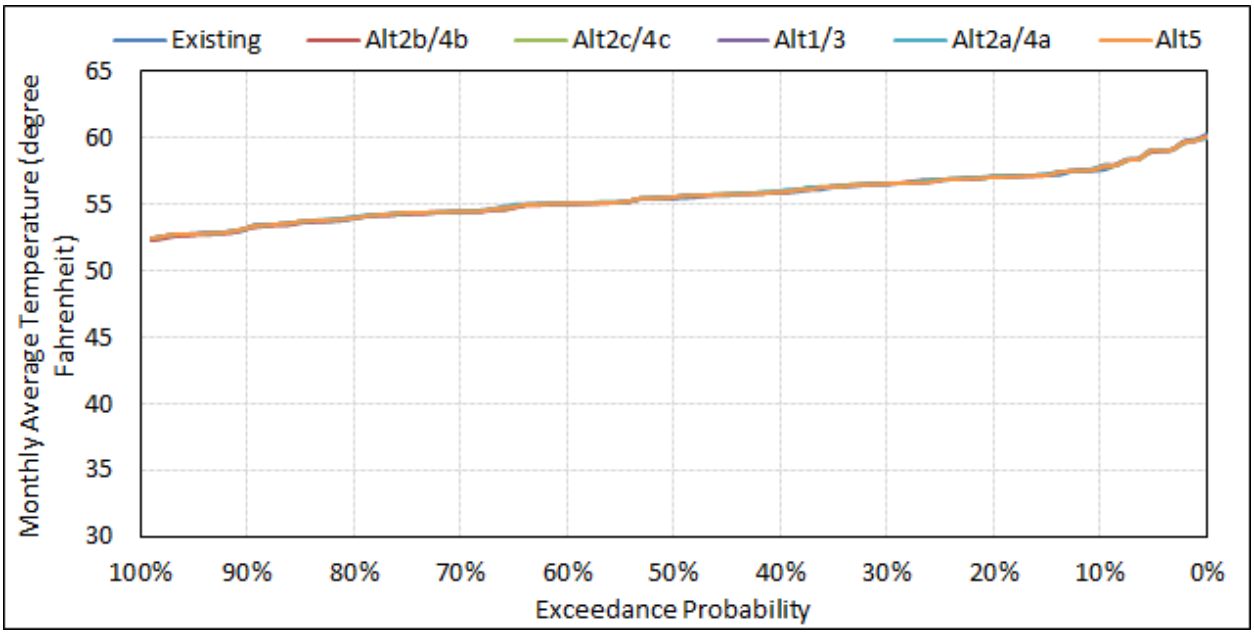


Figure 5A-D1.21.16. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

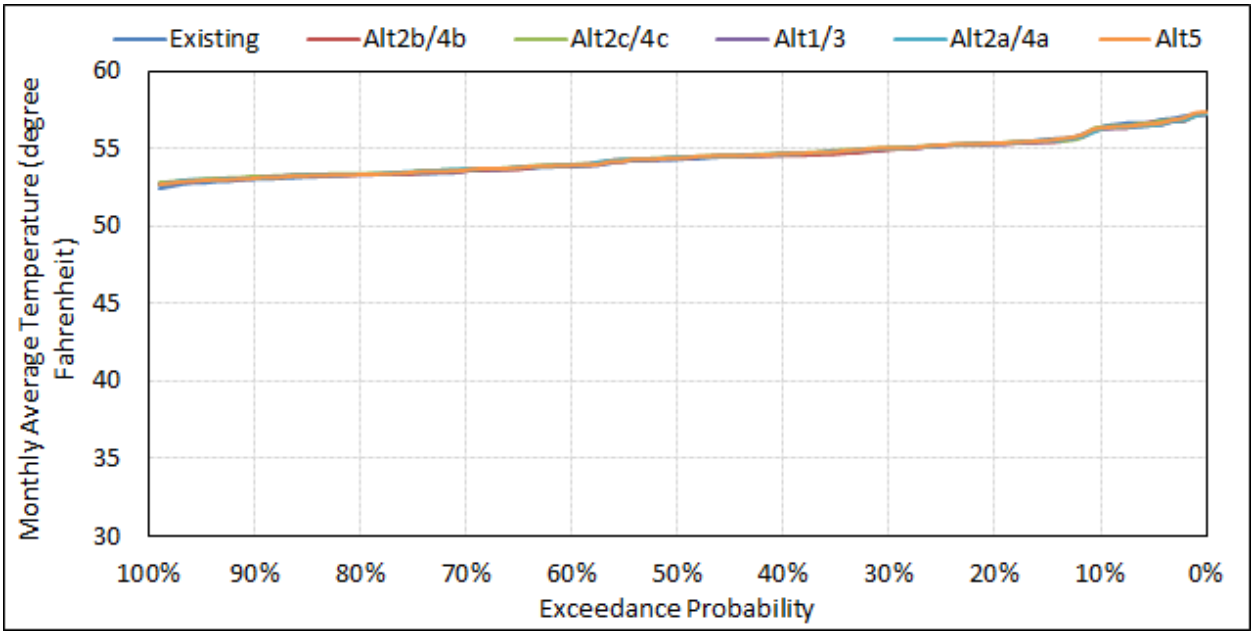


Figure 5A-D1.21.17. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

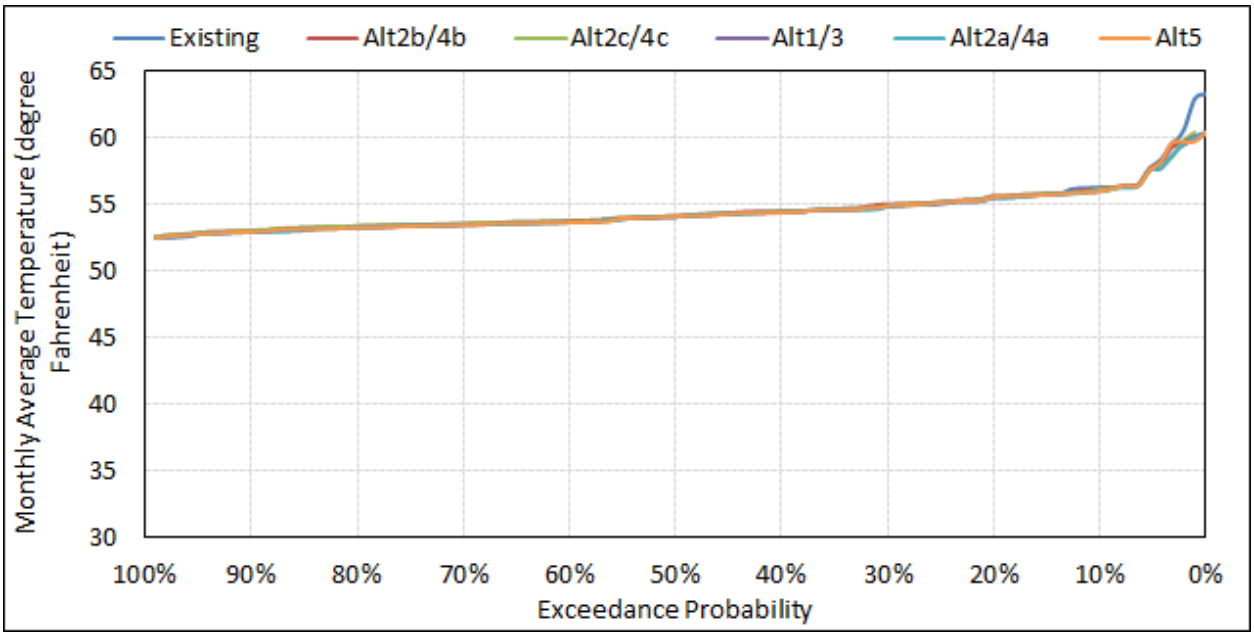


Figure 5A-D1.21.18. Sacramento River at Jellys Ferry, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

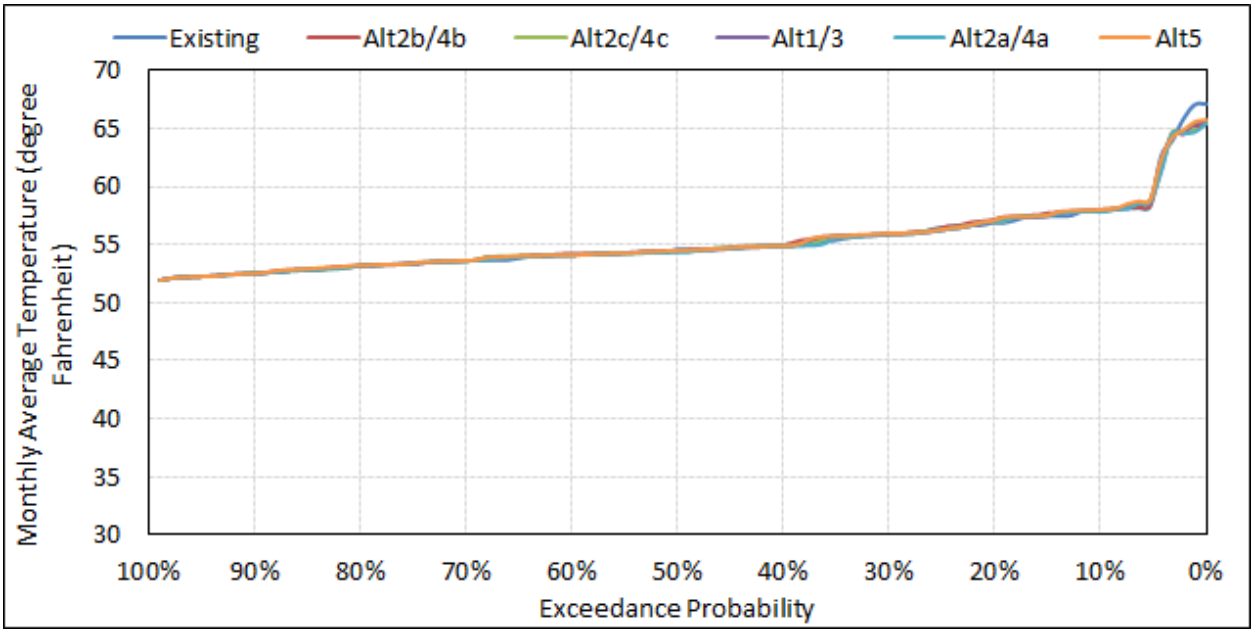
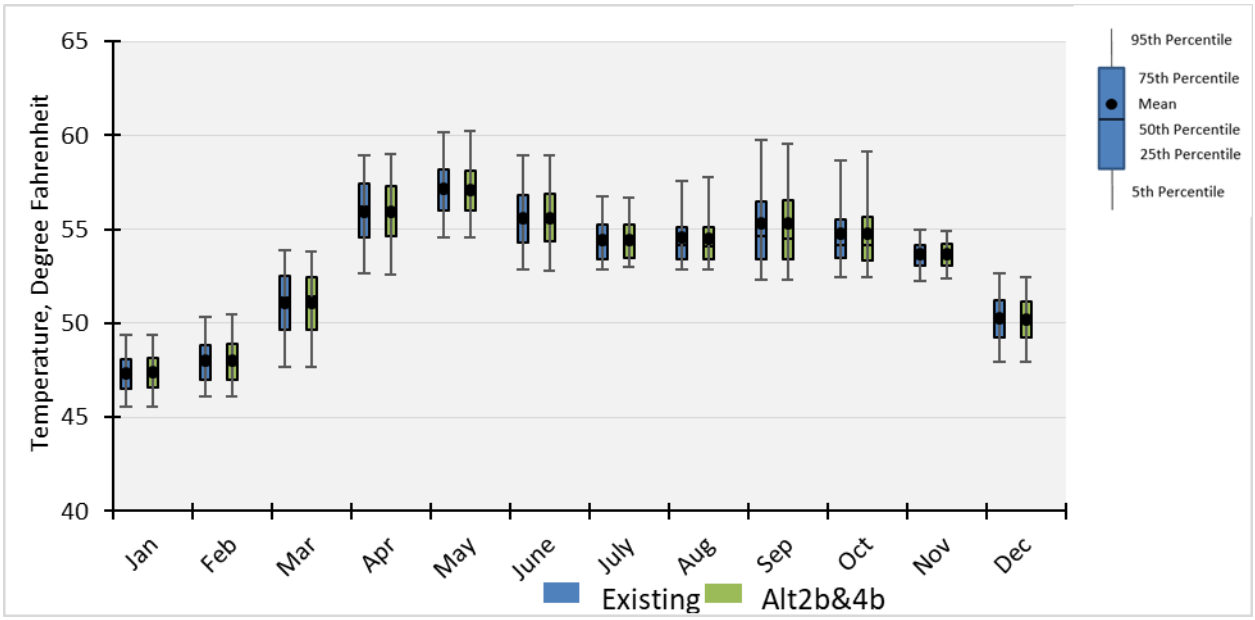


Figure 5A-D1.21.19. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



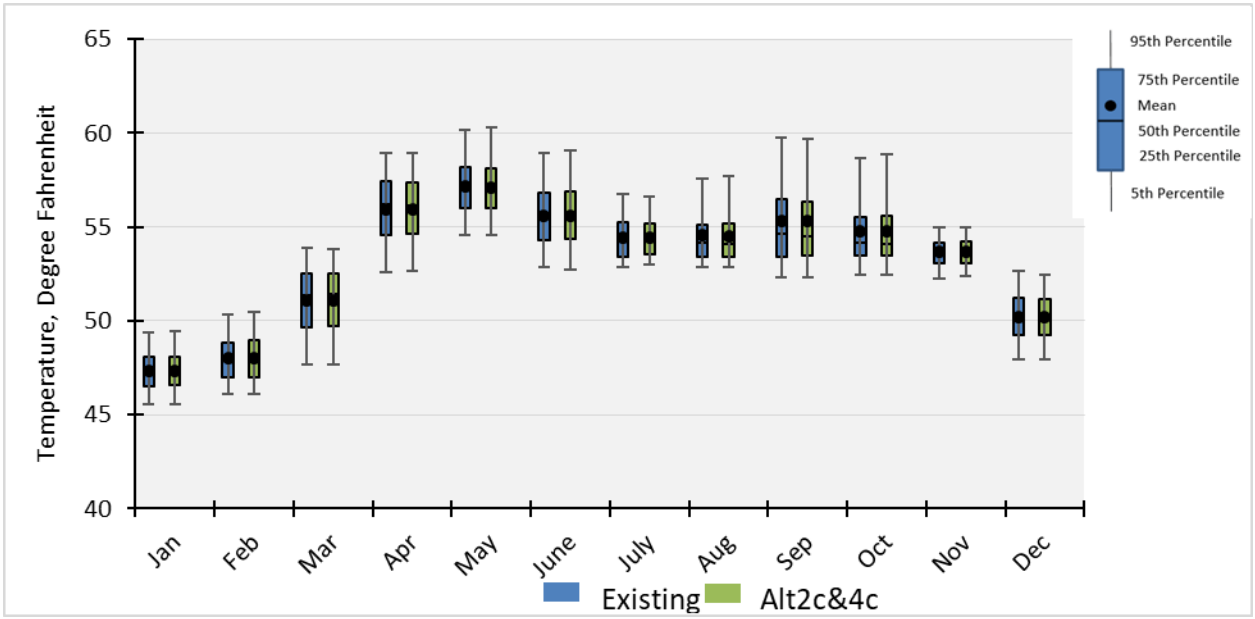
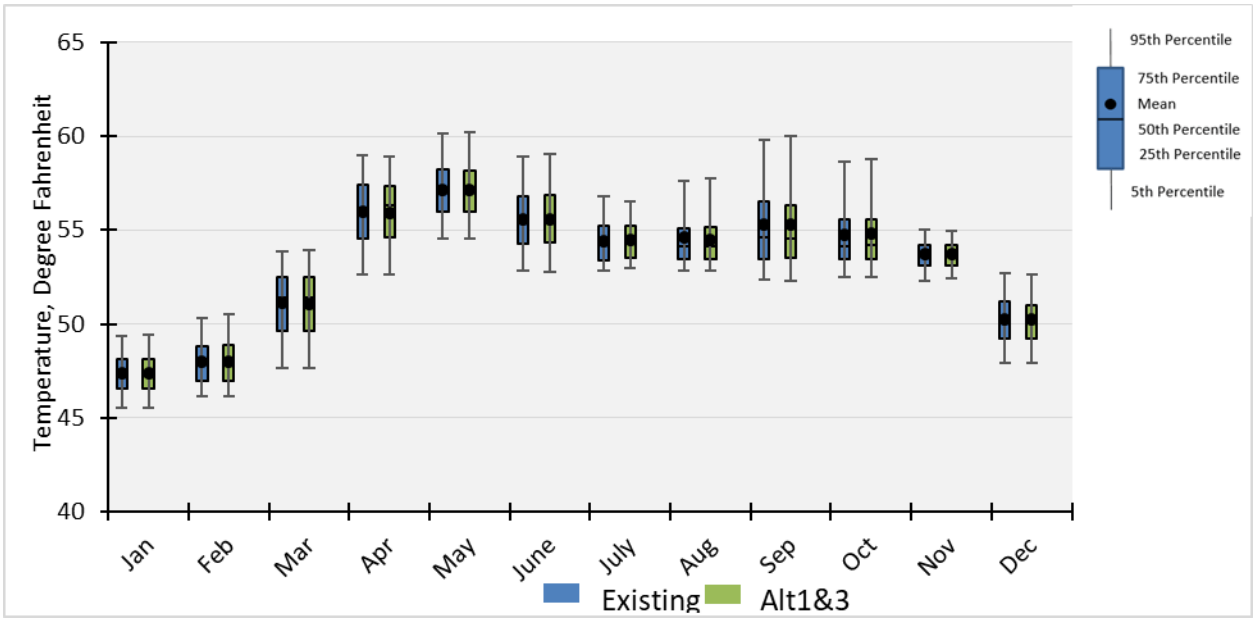


Figure 5A-D1.21.20. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



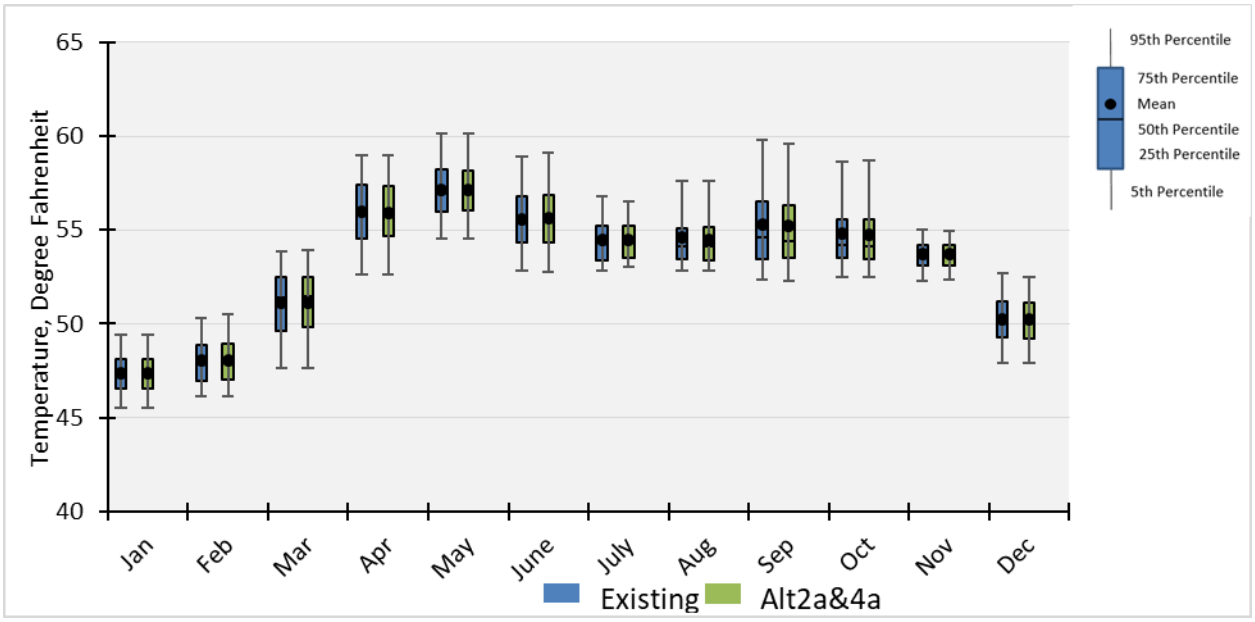


Figure 5A-D1.21.21. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

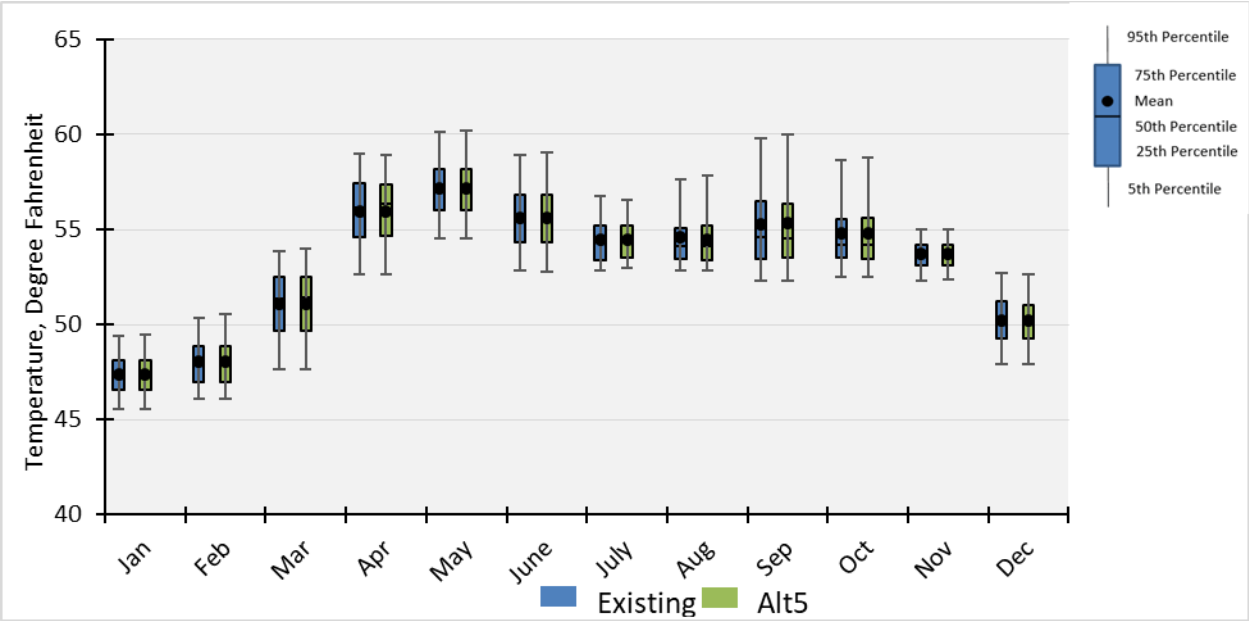
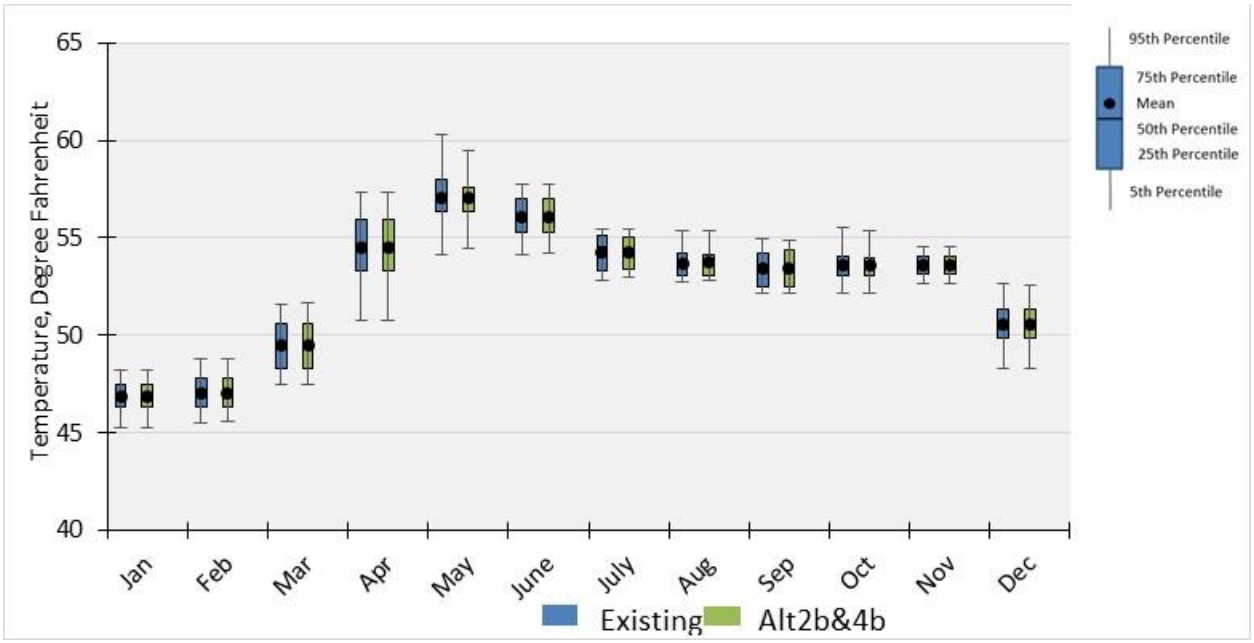


Figure 5A-D1.21.22. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



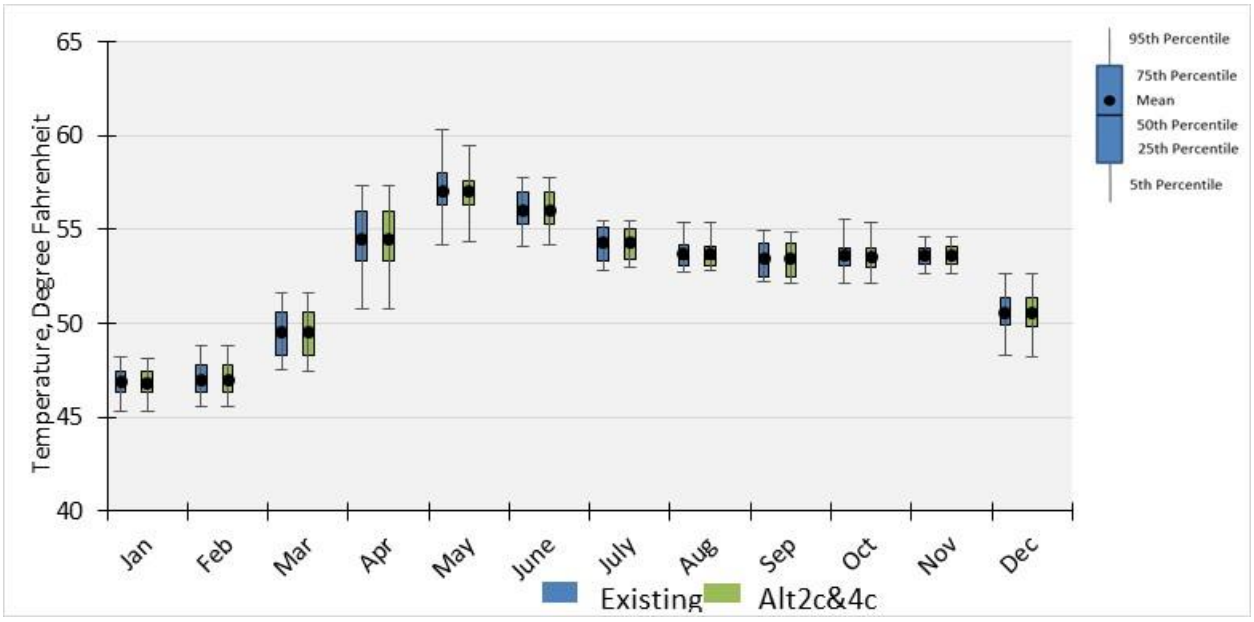
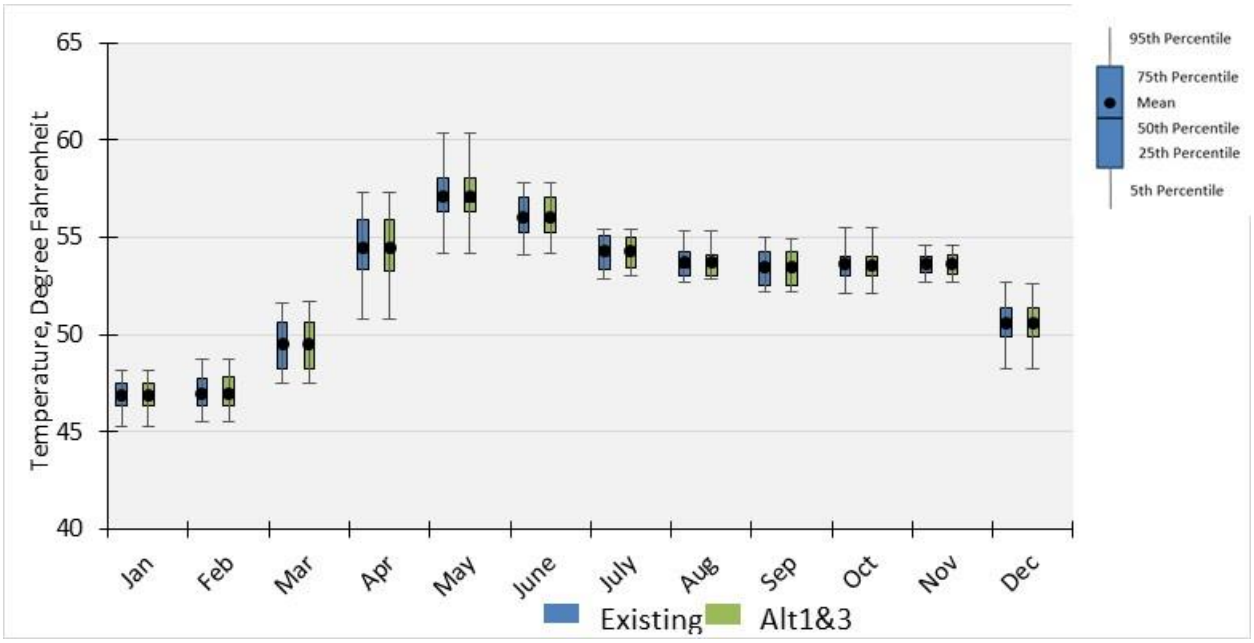


Figure 5A-D1.21.23. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



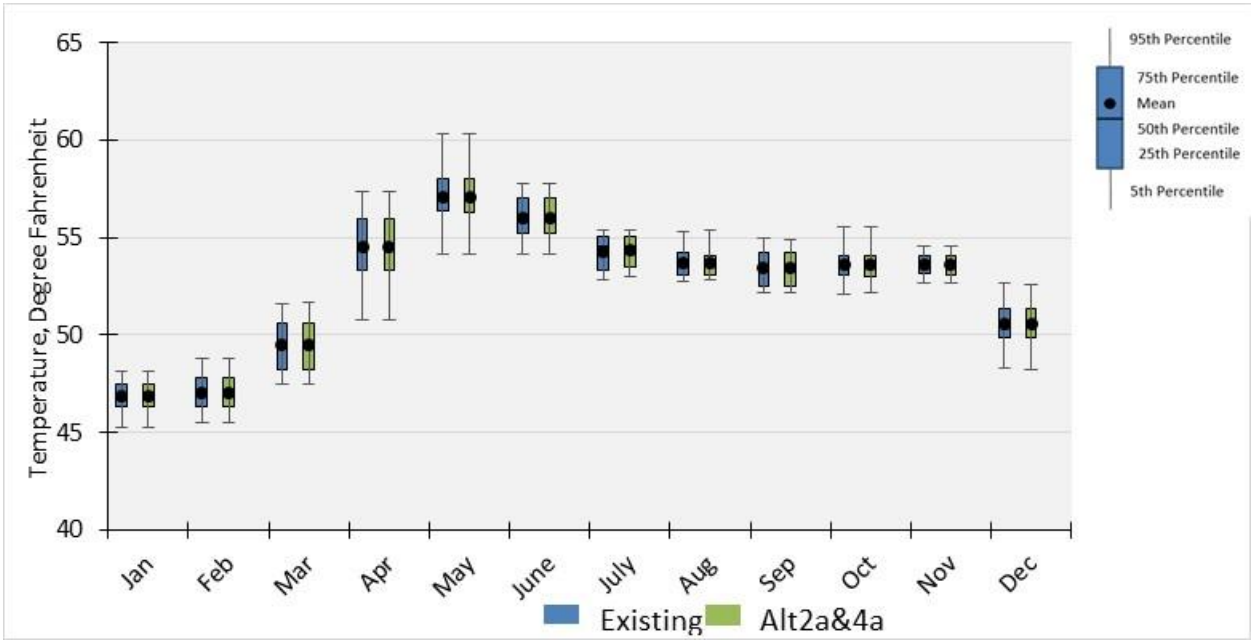


Figure 5A-D1.21.24. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

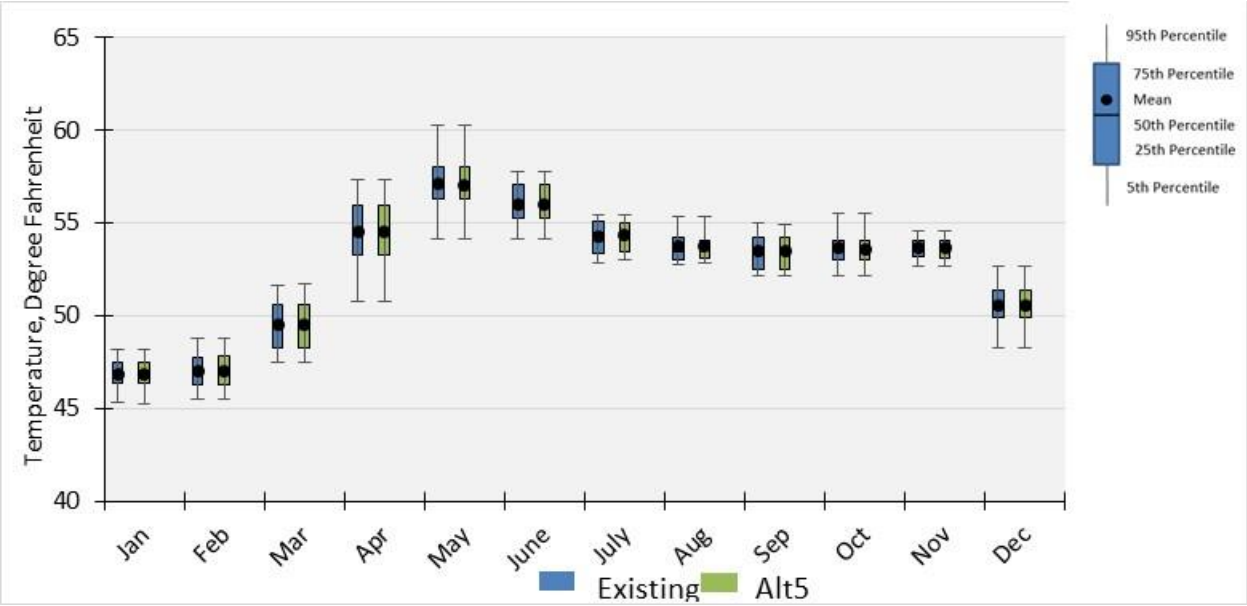
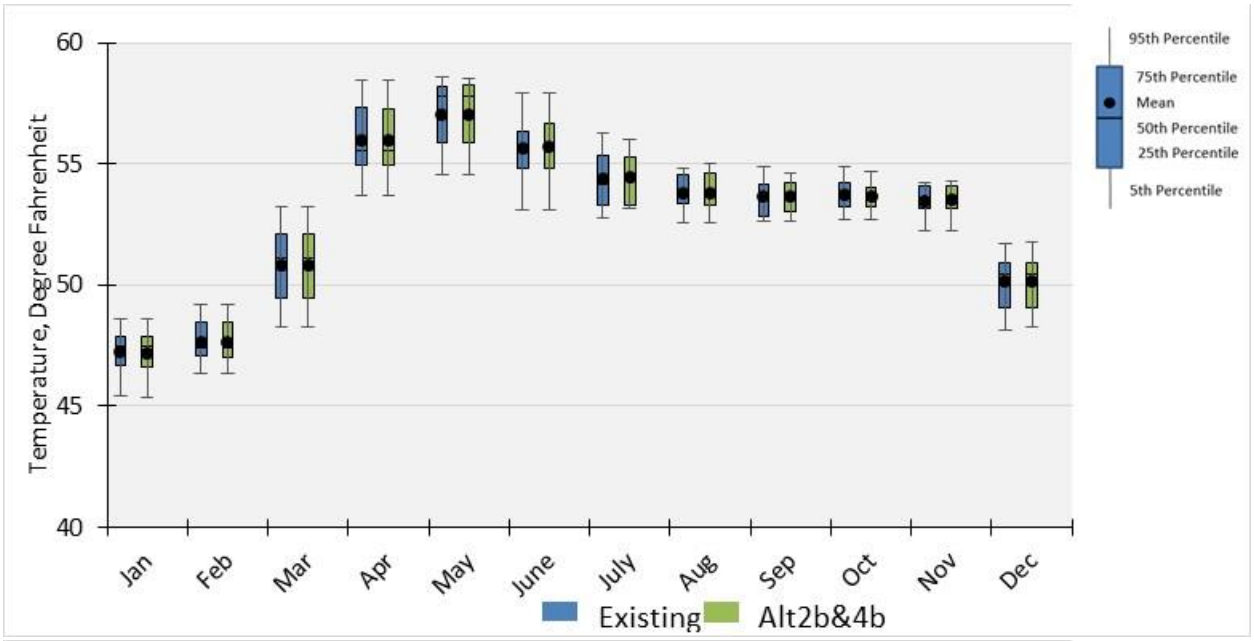


Figure 5A-D1.21.25. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



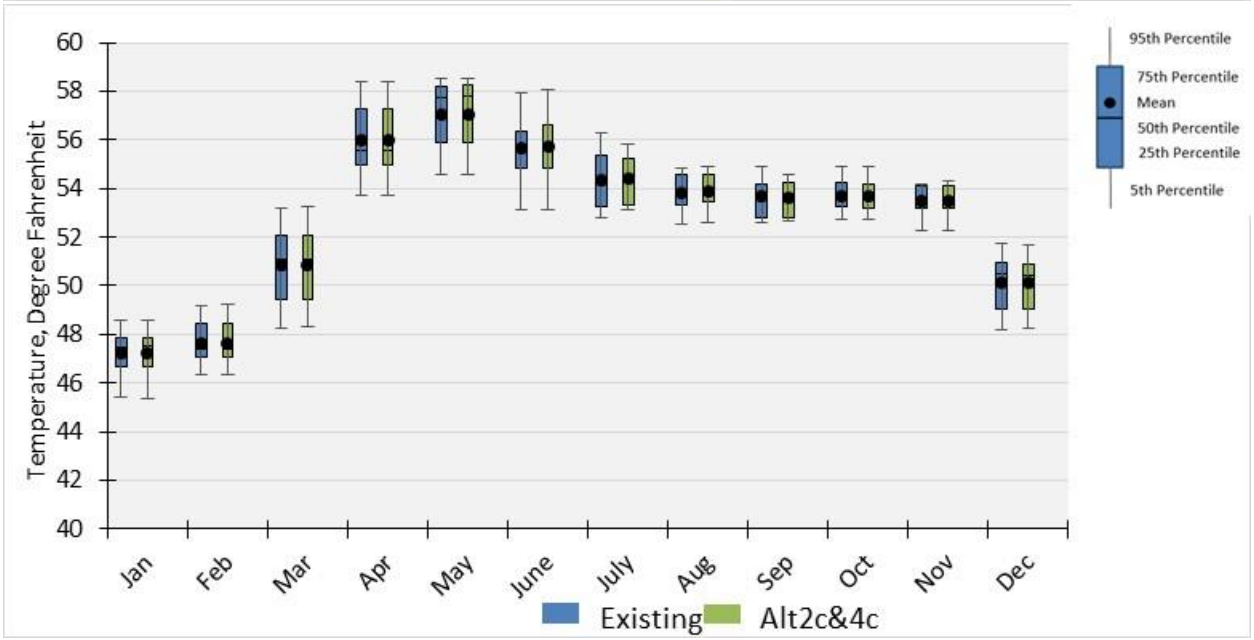
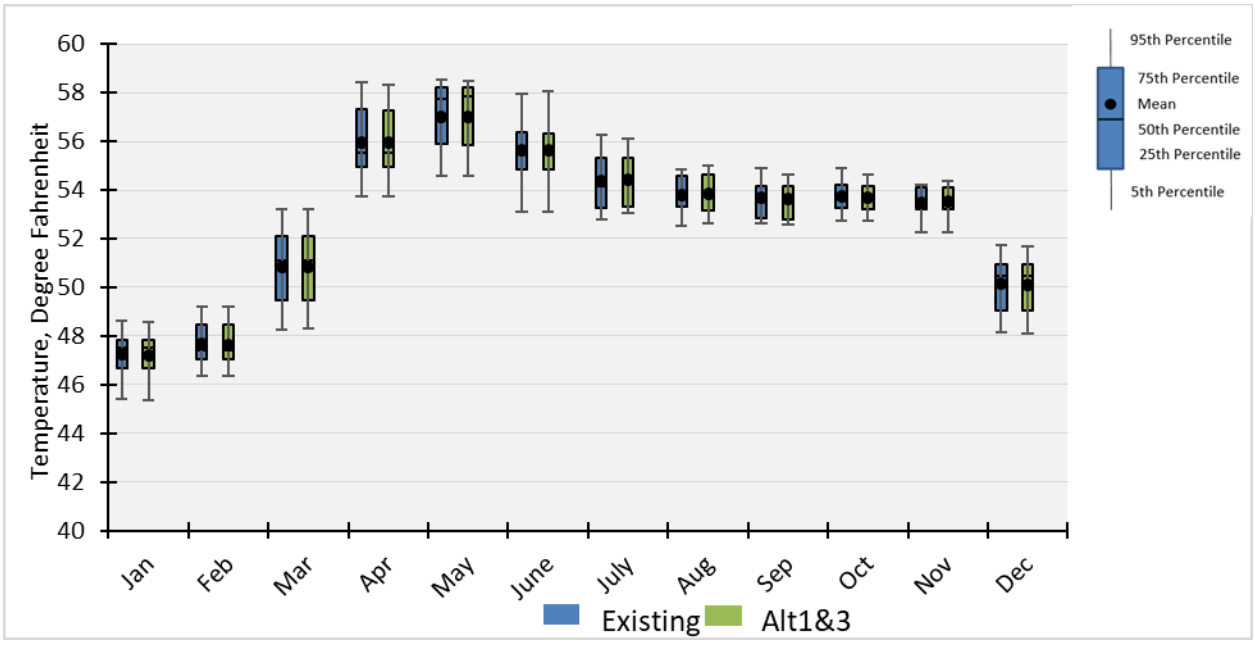


Figure 5A-D1.21.26. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



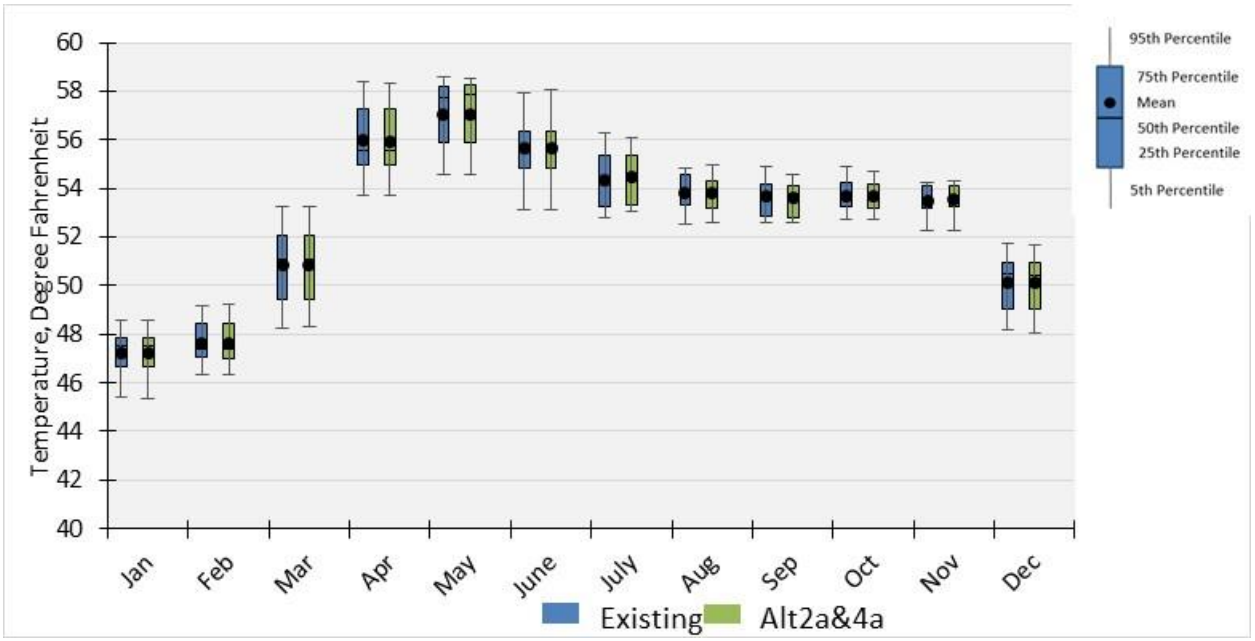


Figure 5A-D1.21.27. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

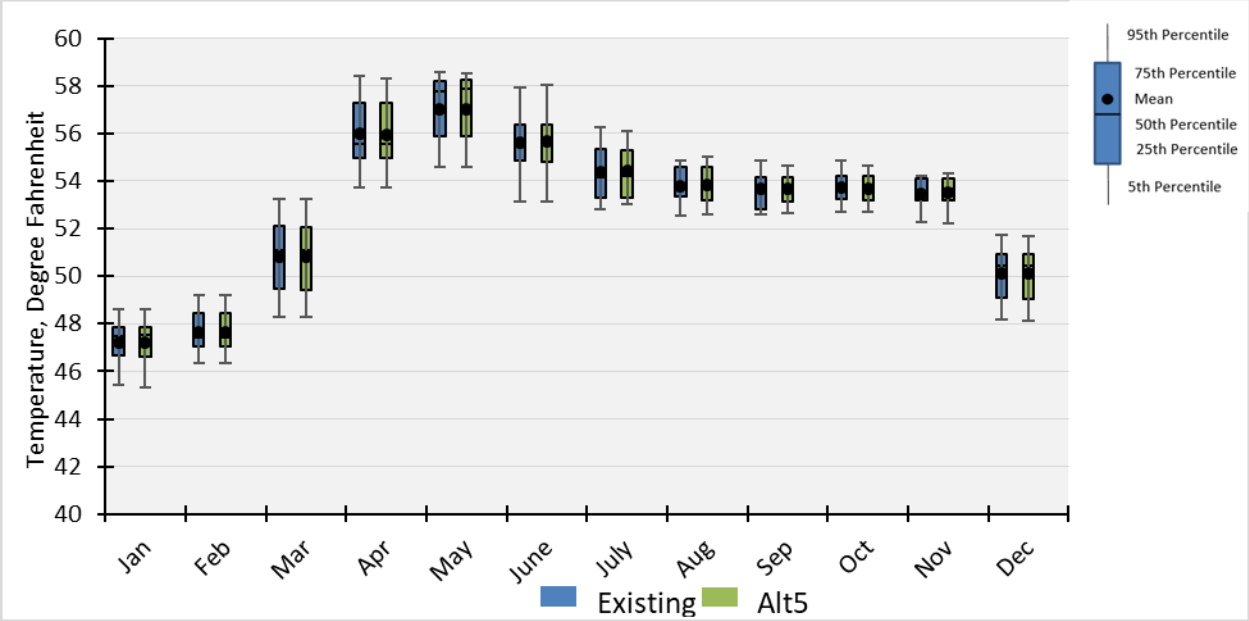
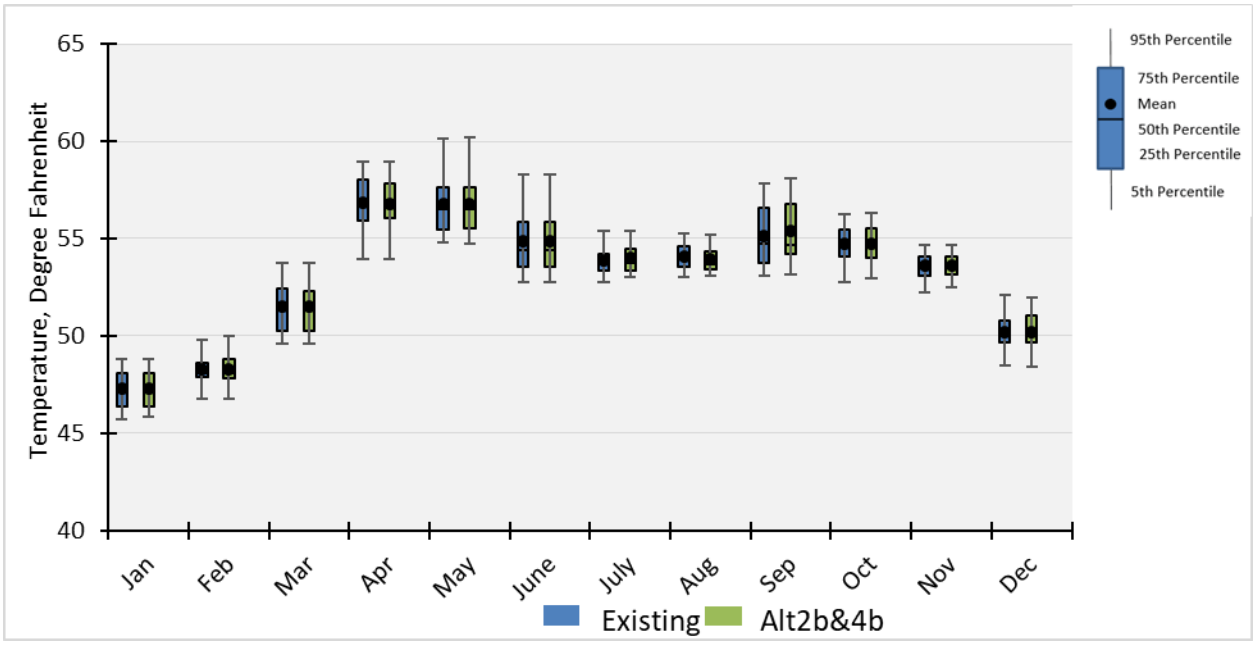


Figure 5A-D1.21.28. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



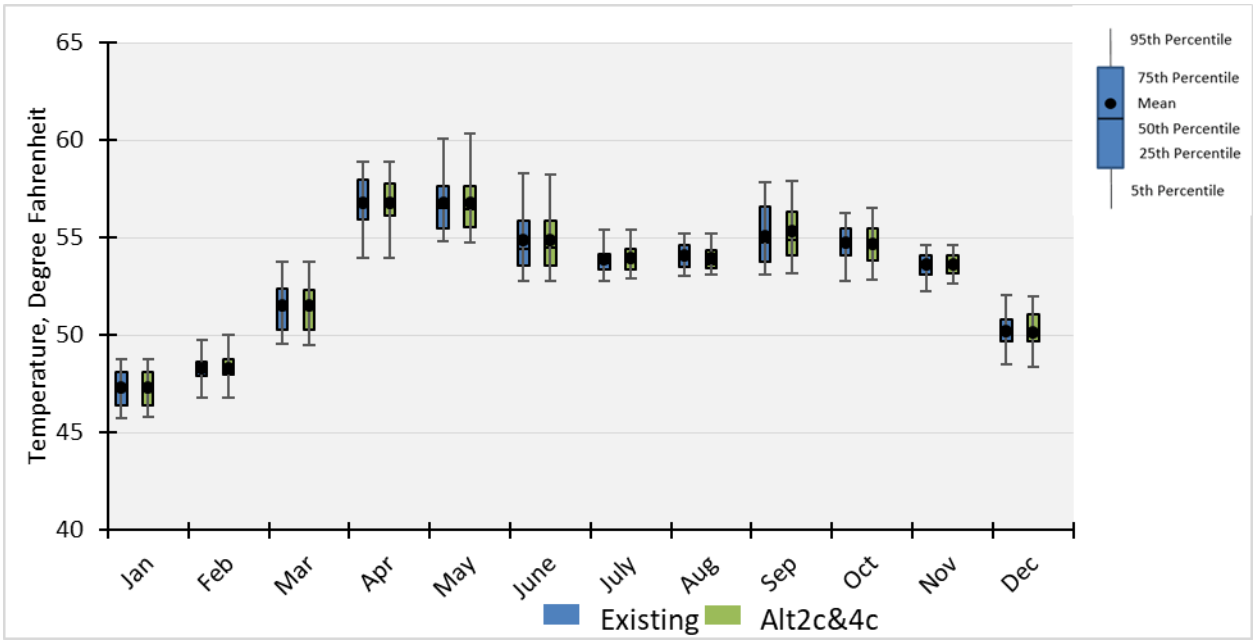
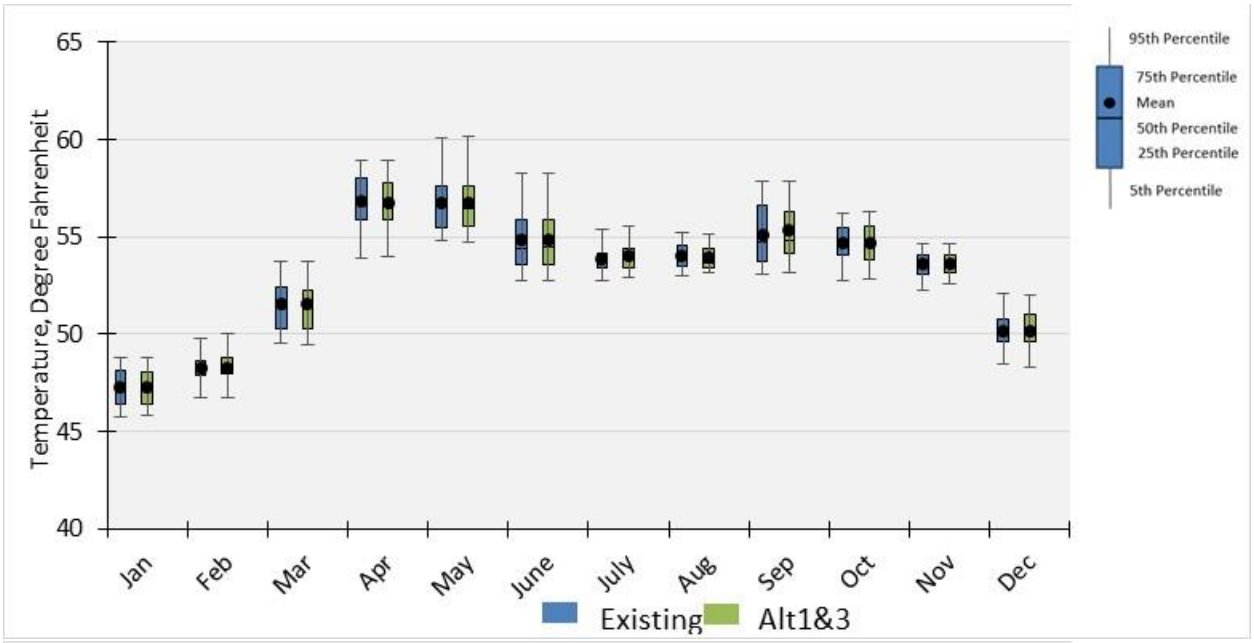


Figure 5A-D1.21.29. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



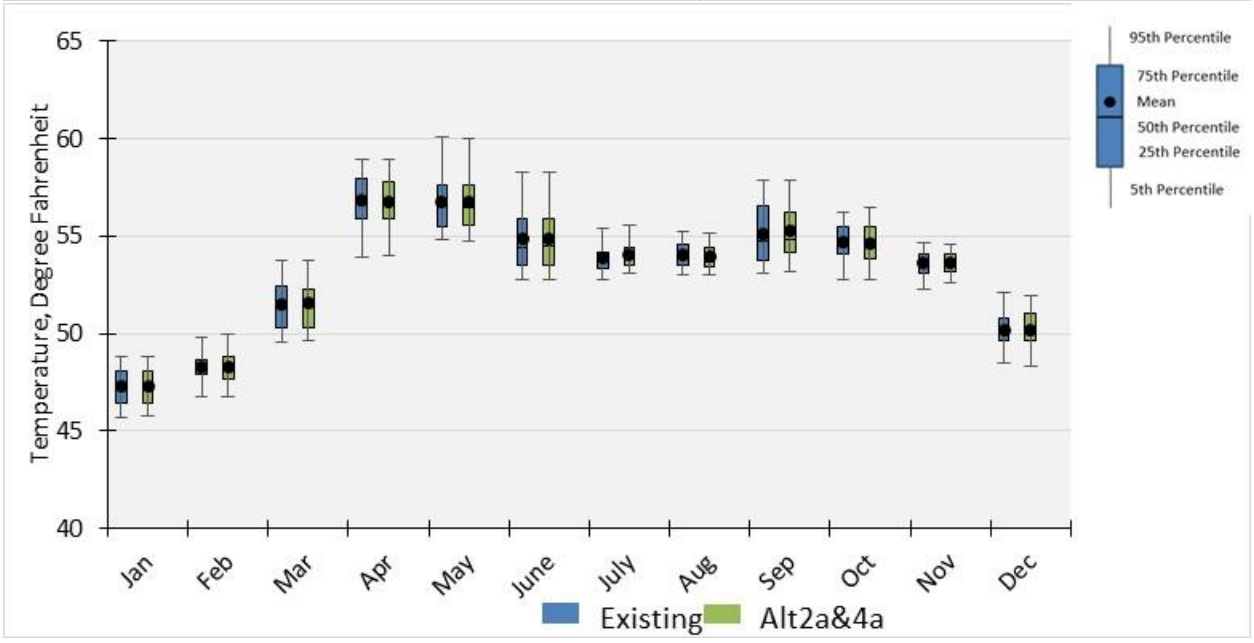


Figure 5A-D1.21.30. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

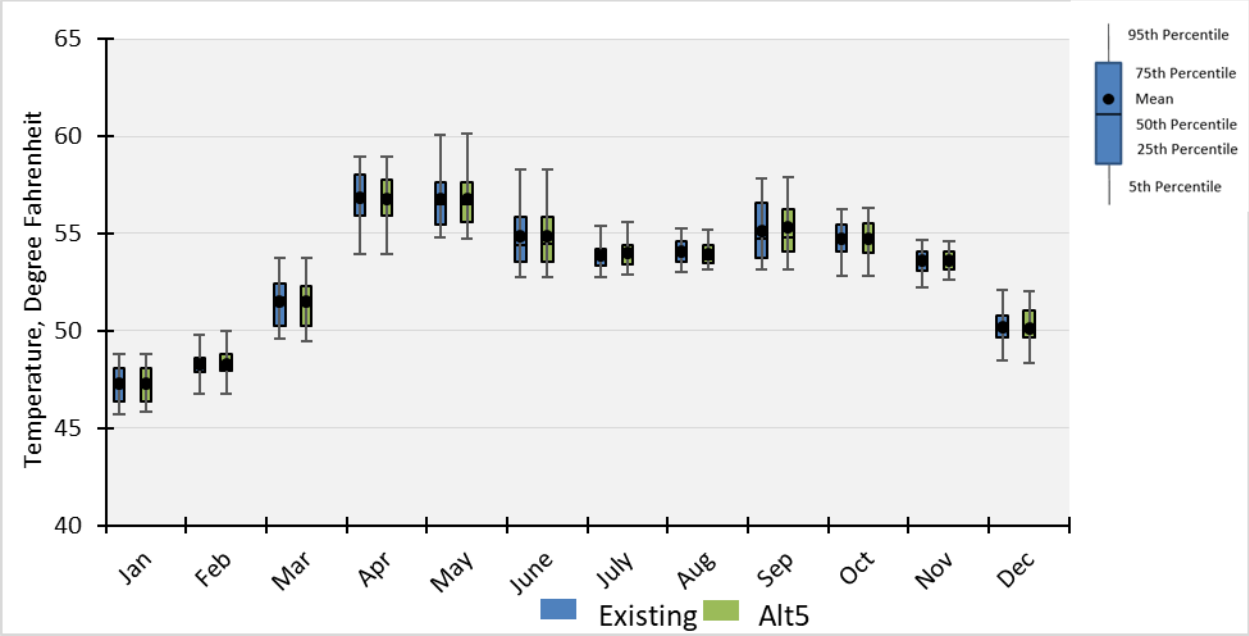
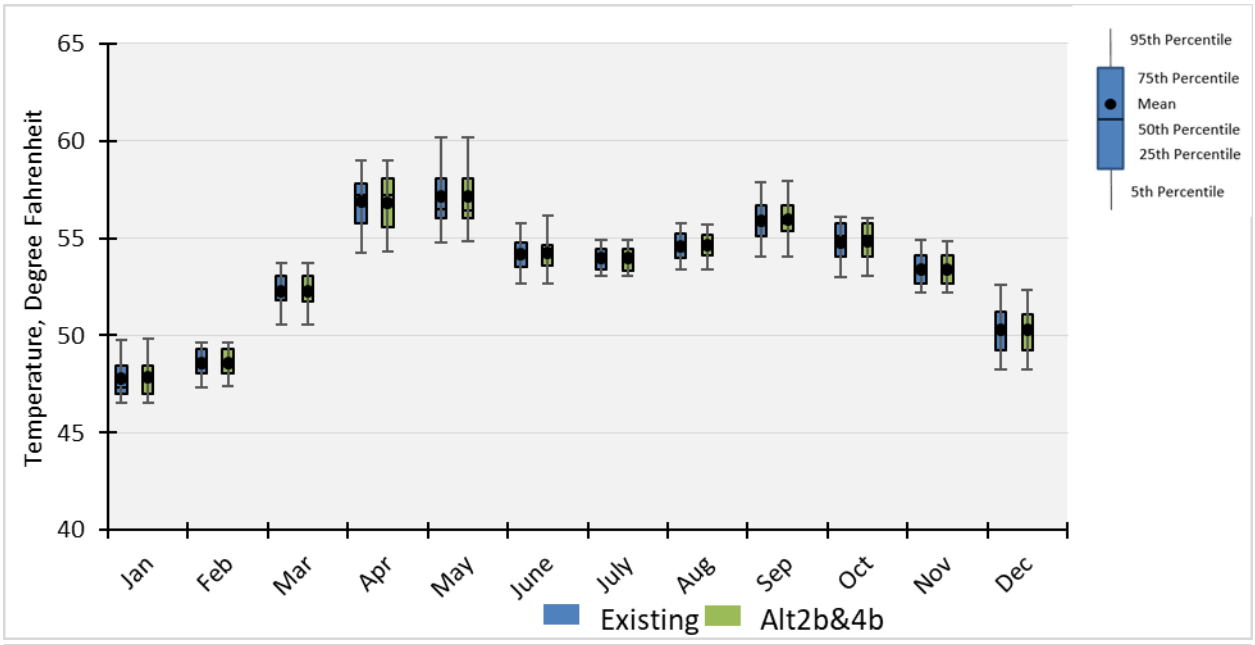


Figure 5A-D1.21.31. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



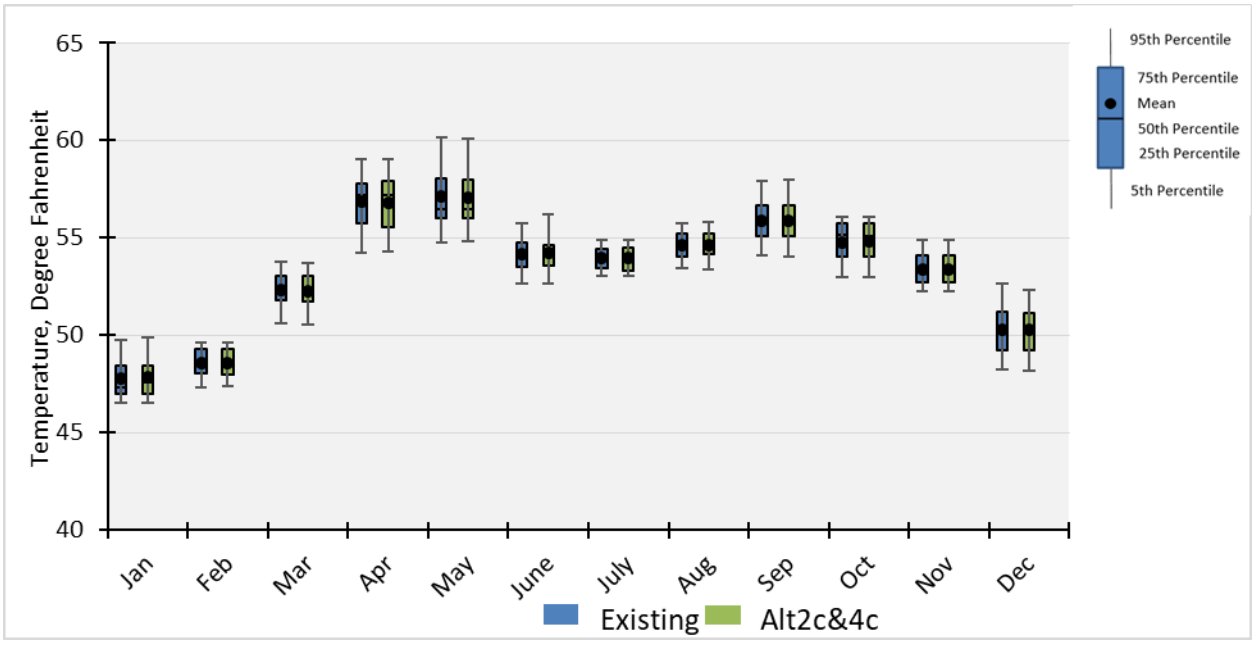
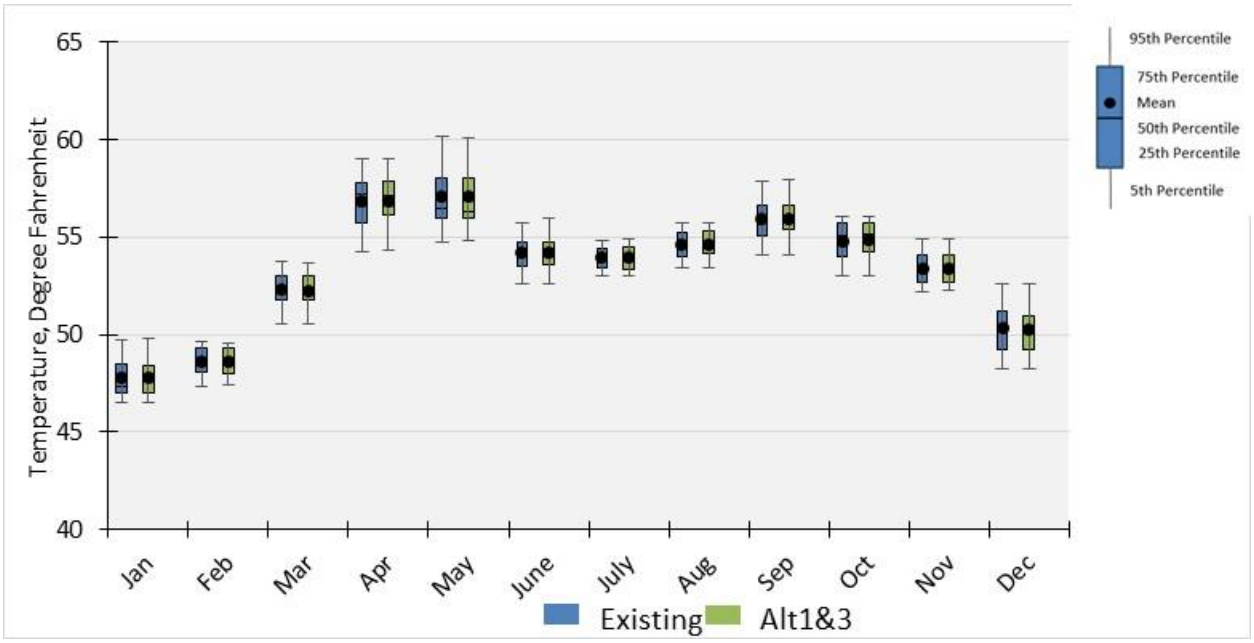


Figure 5A-D1.21.32. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



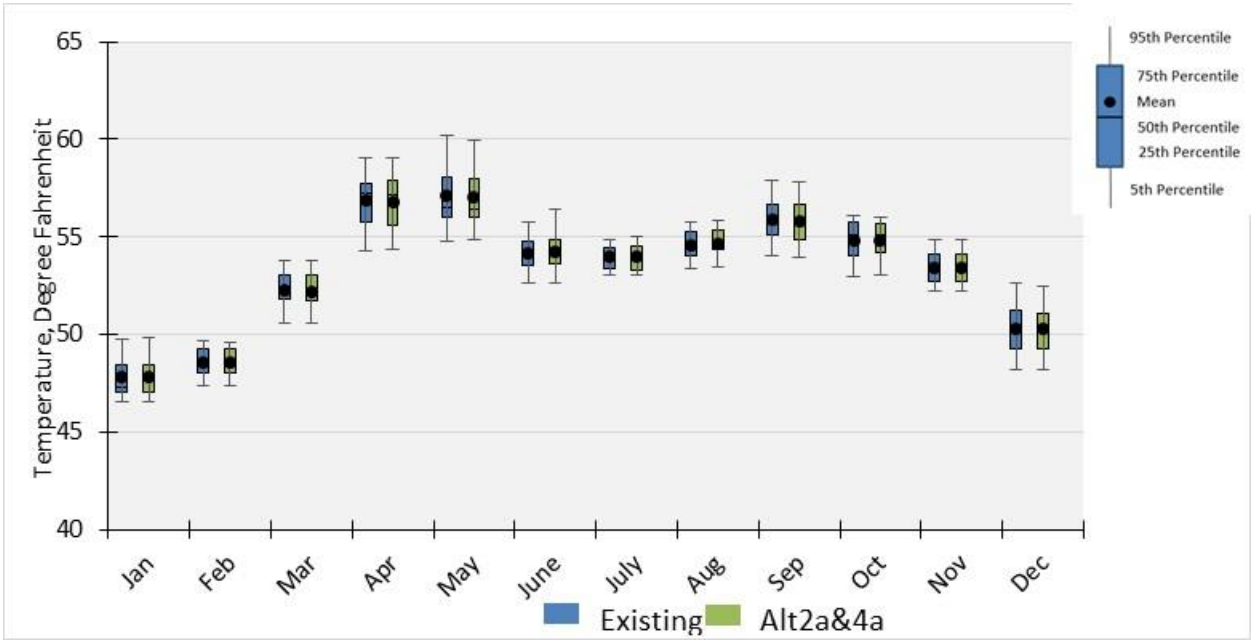


Figure 5A-D1.21.33. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

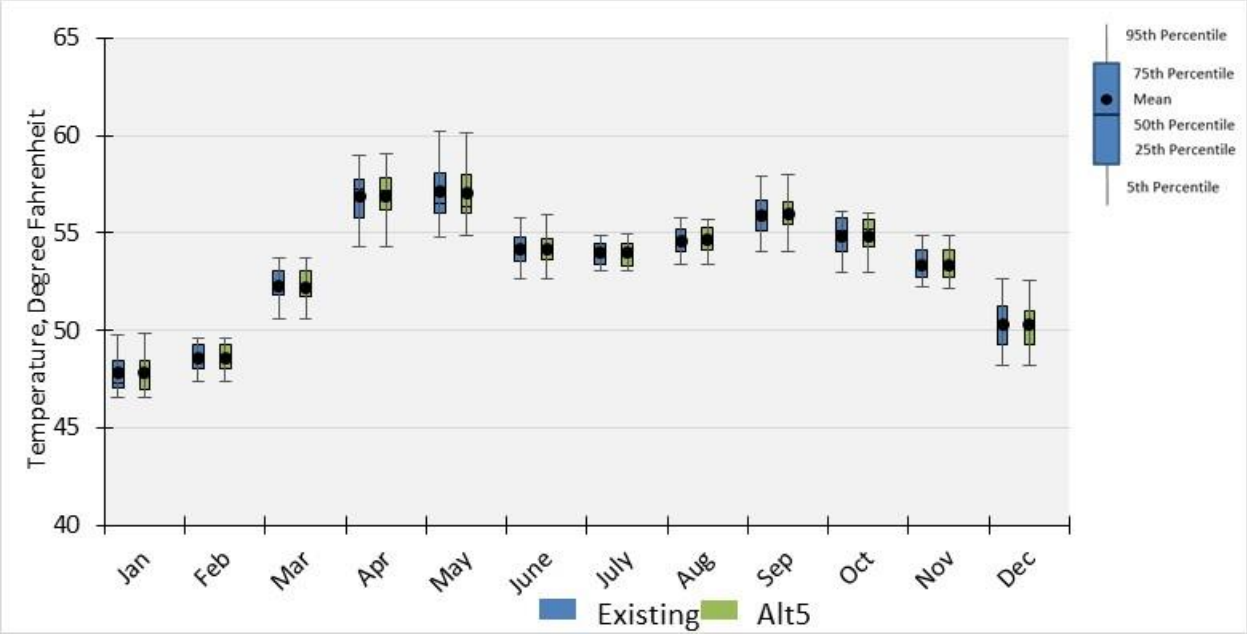
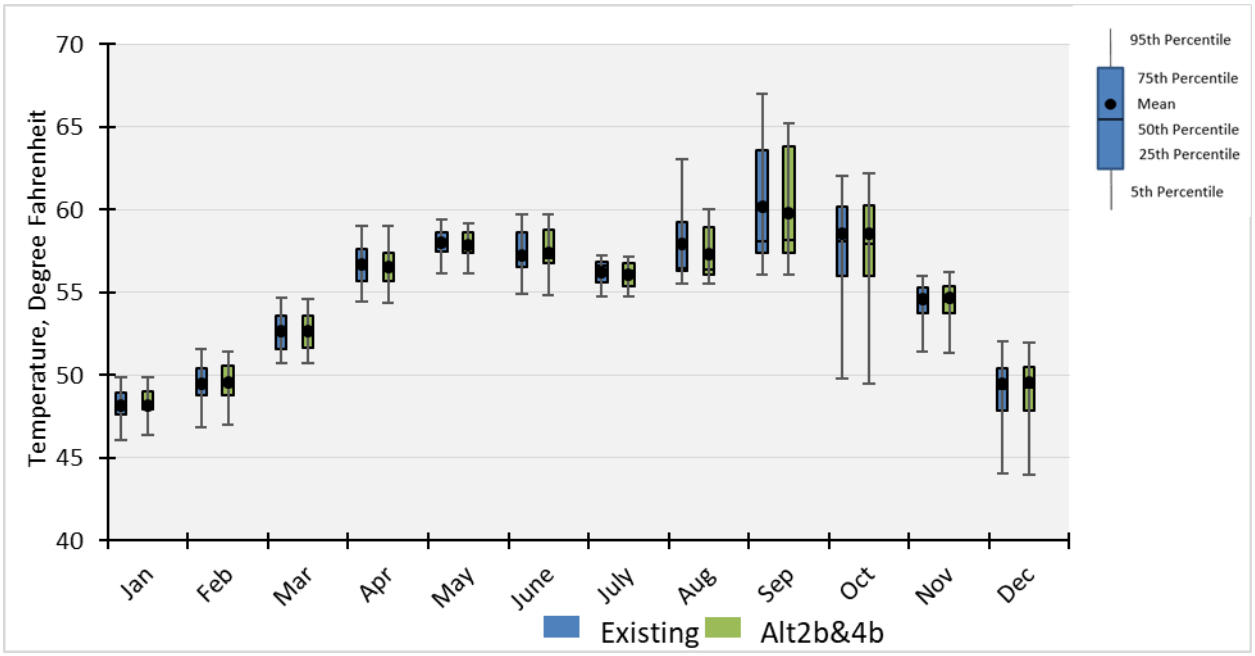


Figure 5A-D1.21.34. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



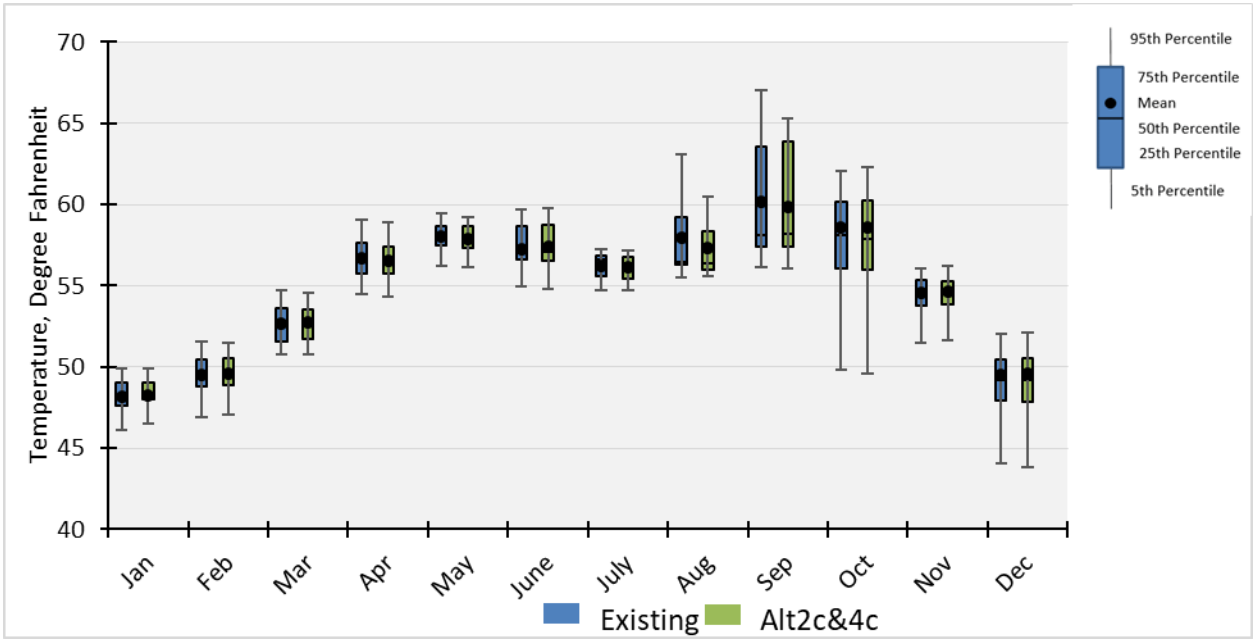
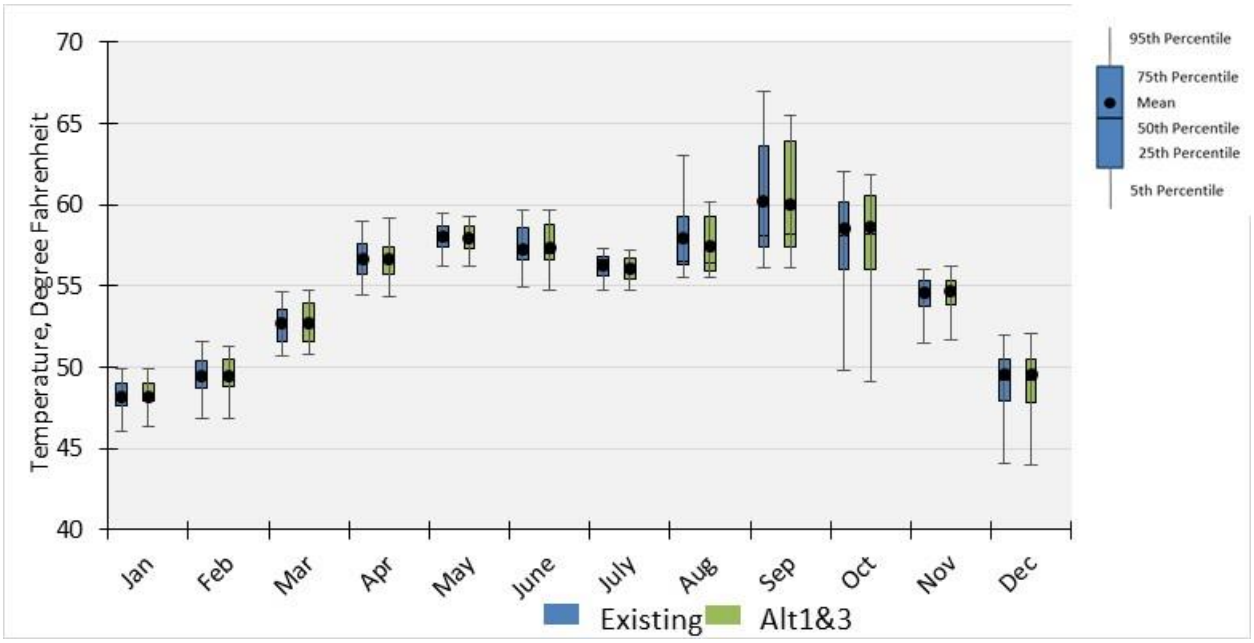


Figure 5A-D1.21.35. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



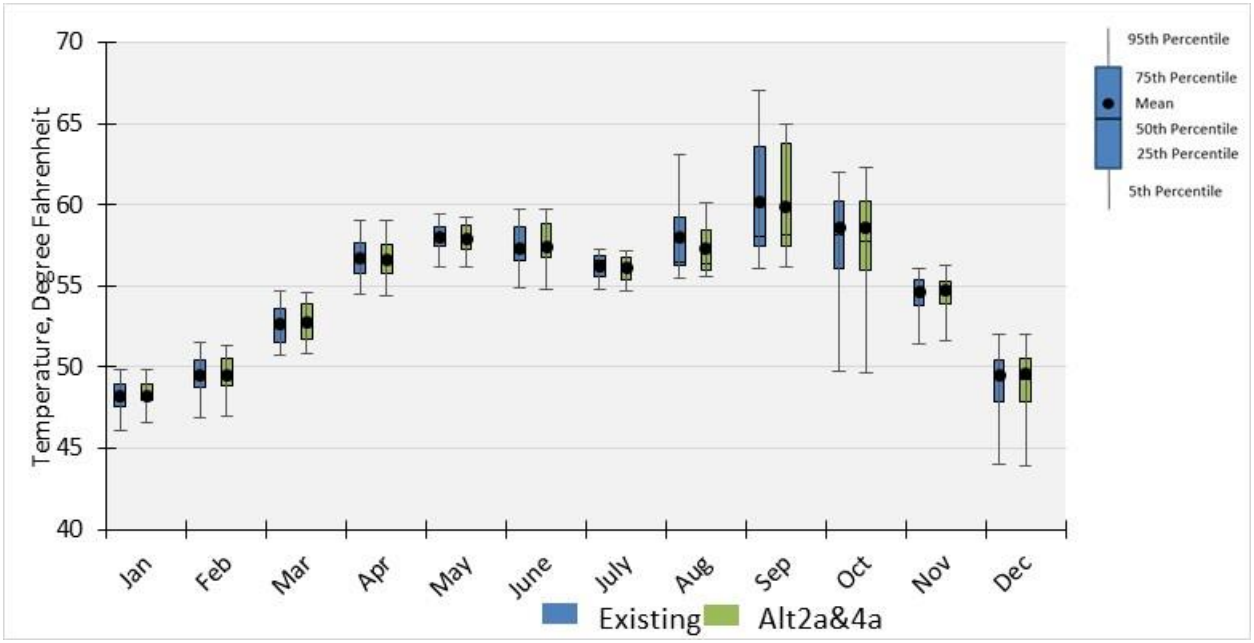


Figure 5A-D1.21.36. Sacramento River at Jellys Ferry, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

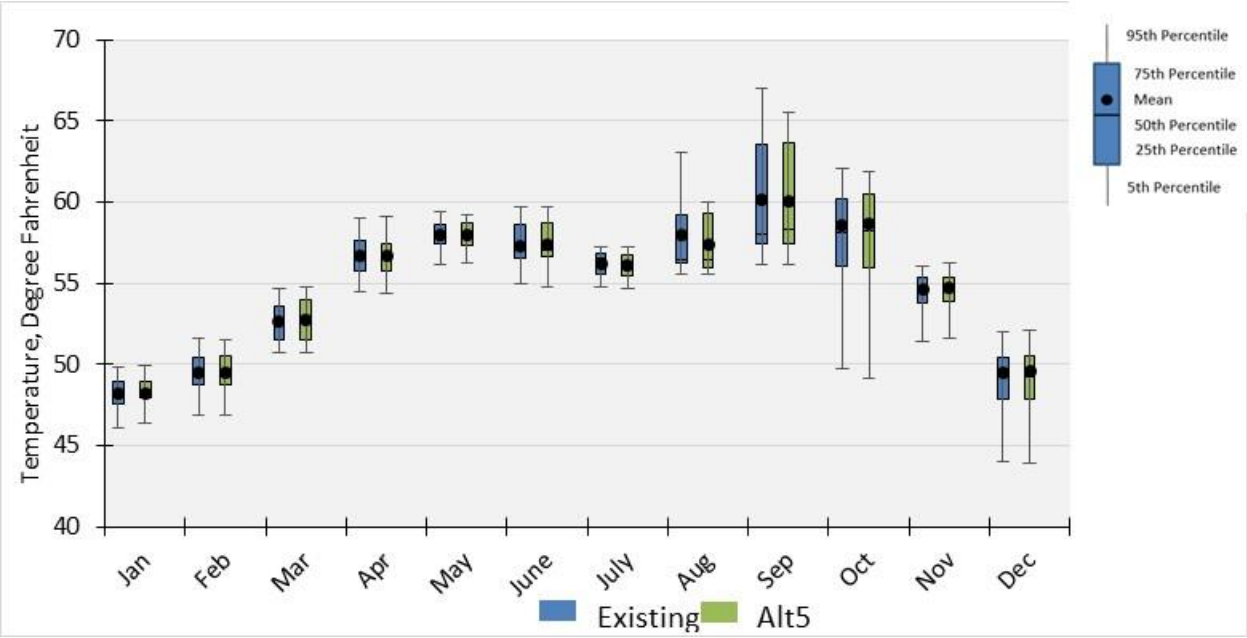
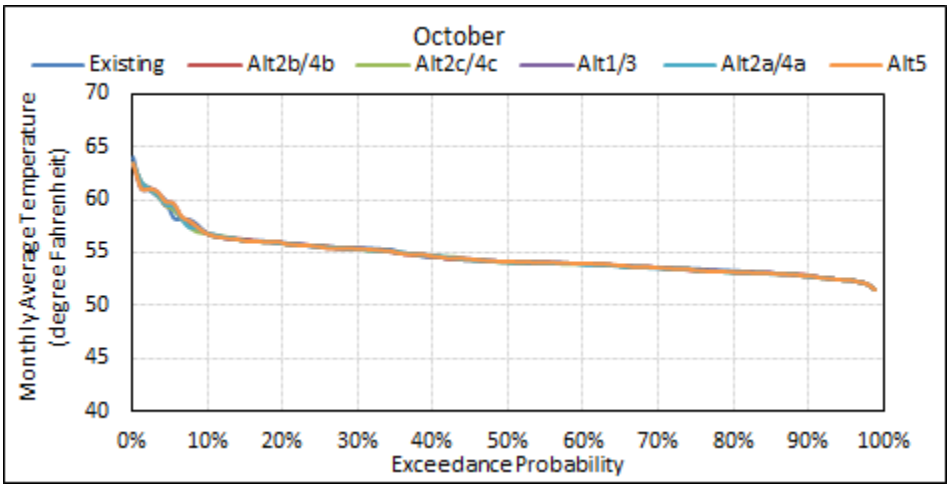
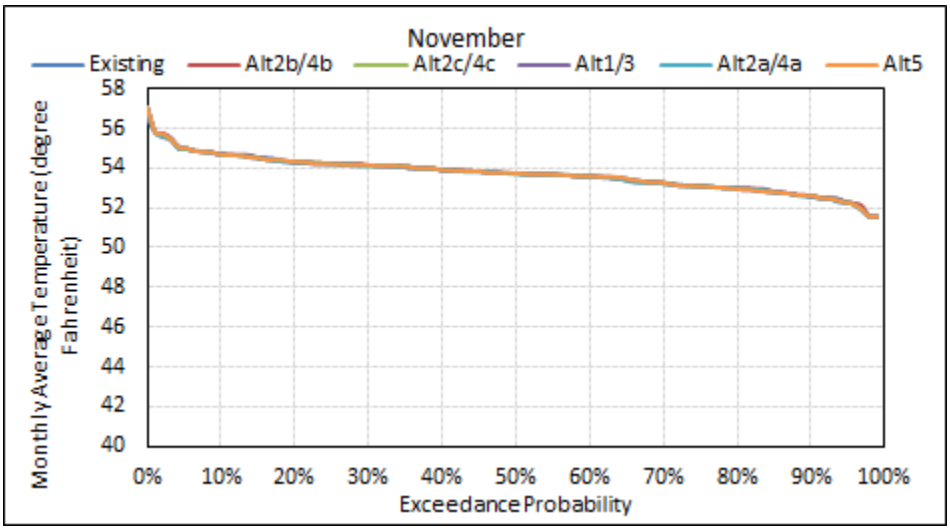


Figure 5A-D1.21.37-A. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





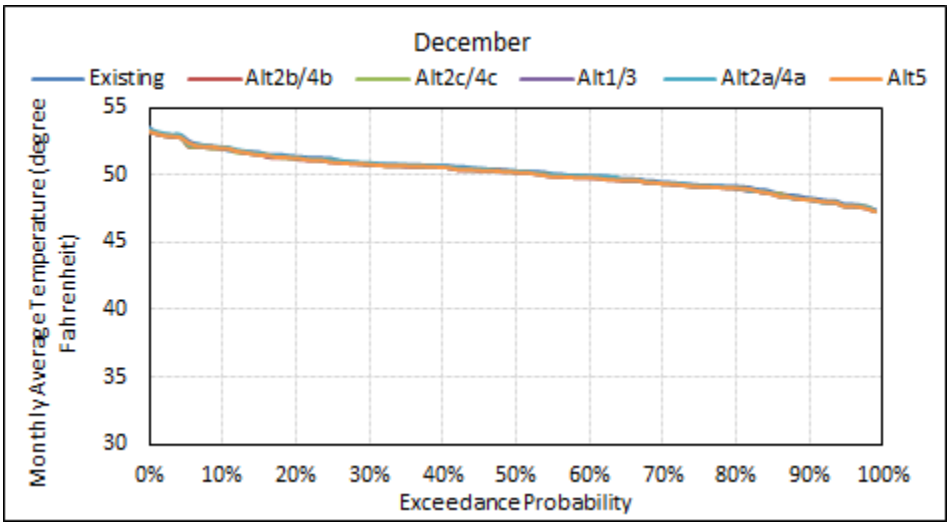
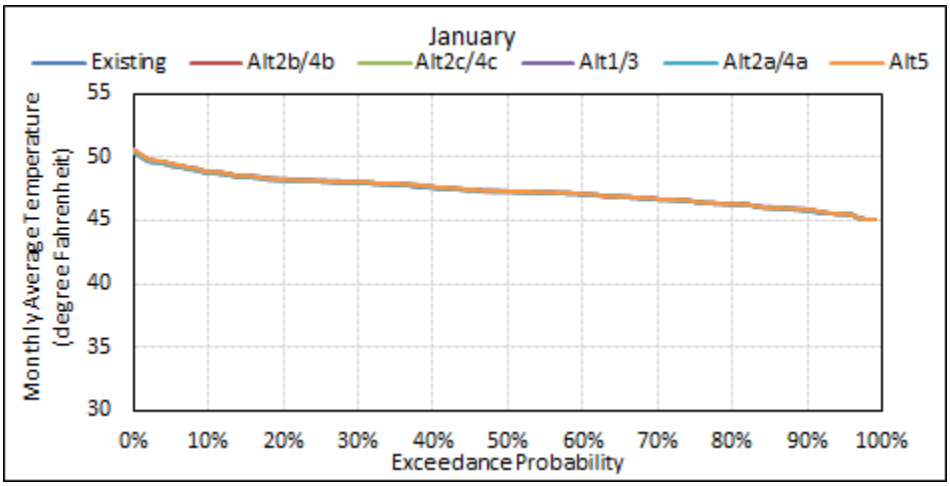
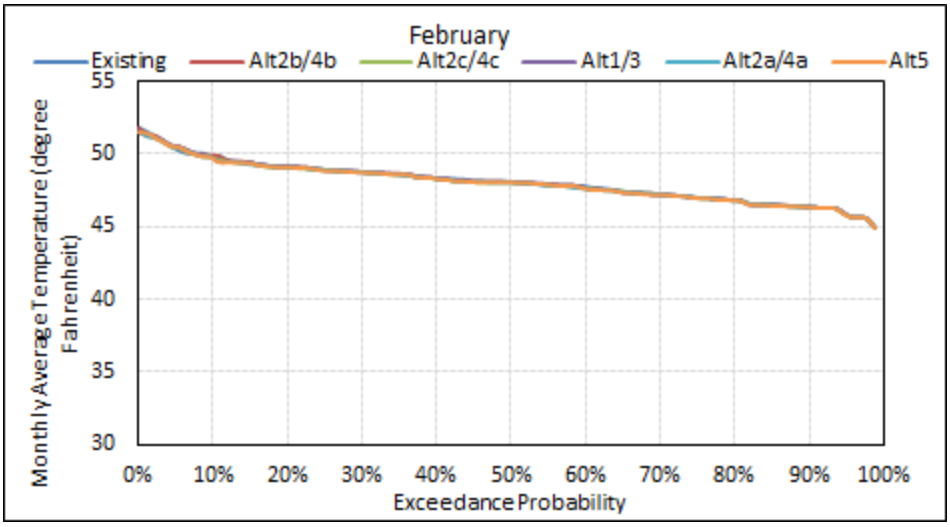


Figure 5A-D1.21.37-B. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





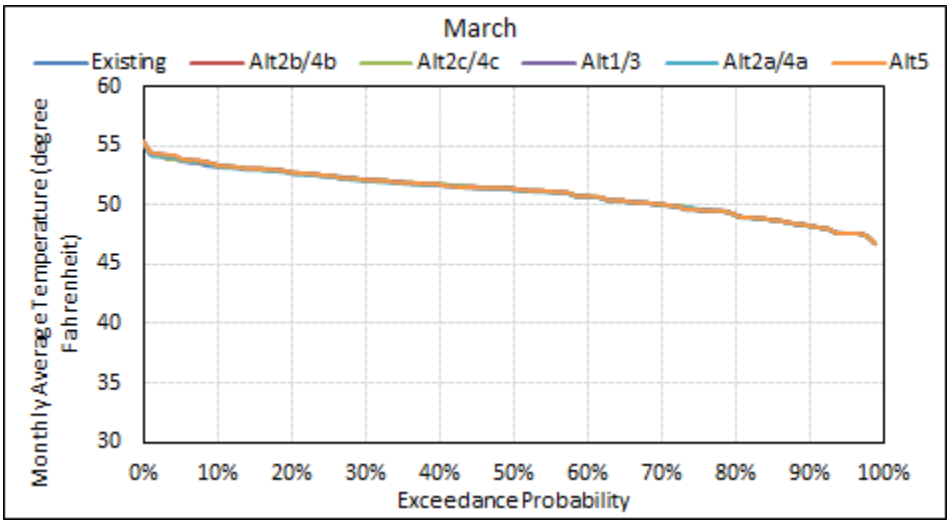
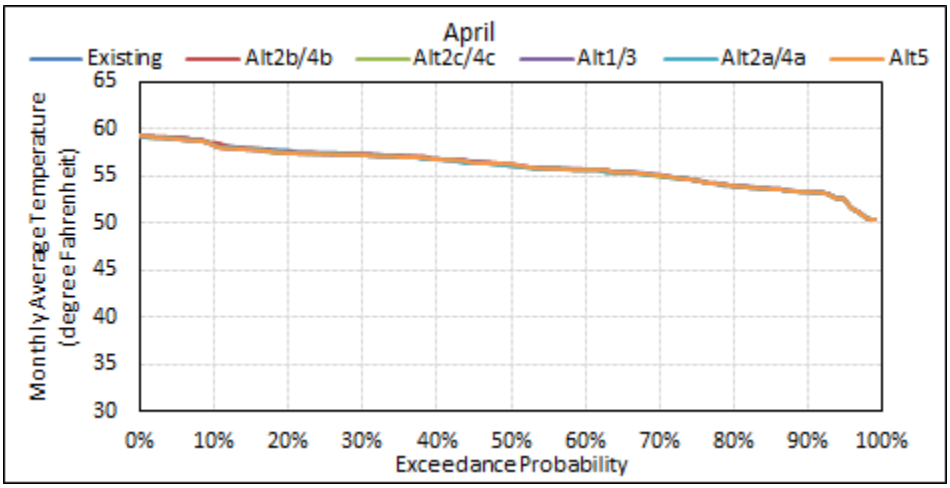
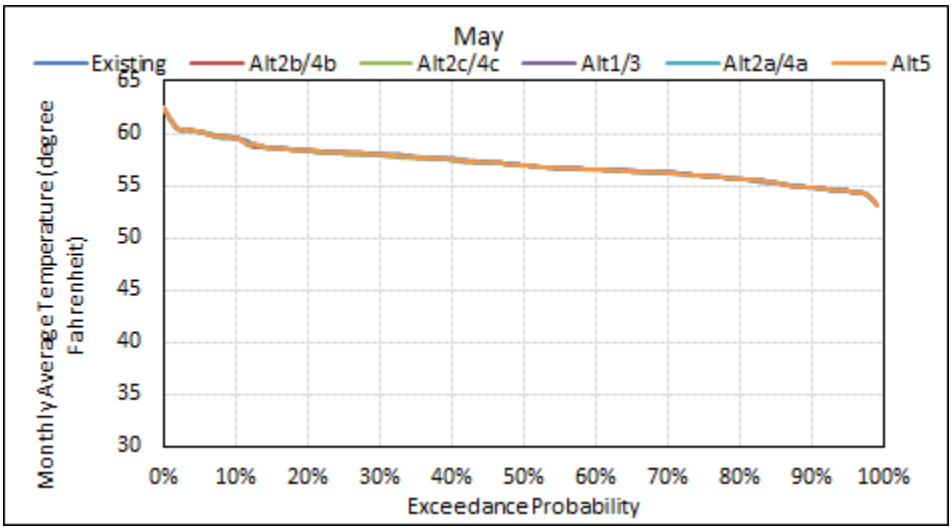


Figure 5A-D1.21.37-C. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





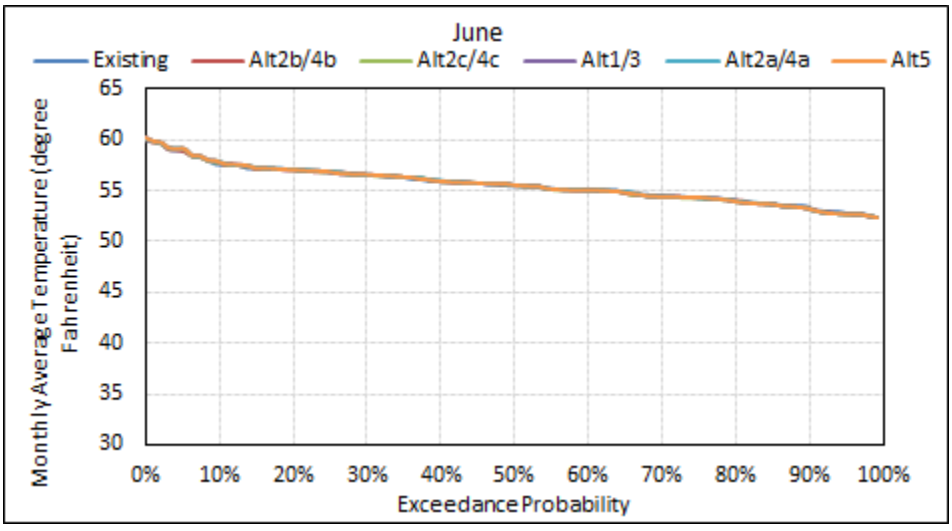
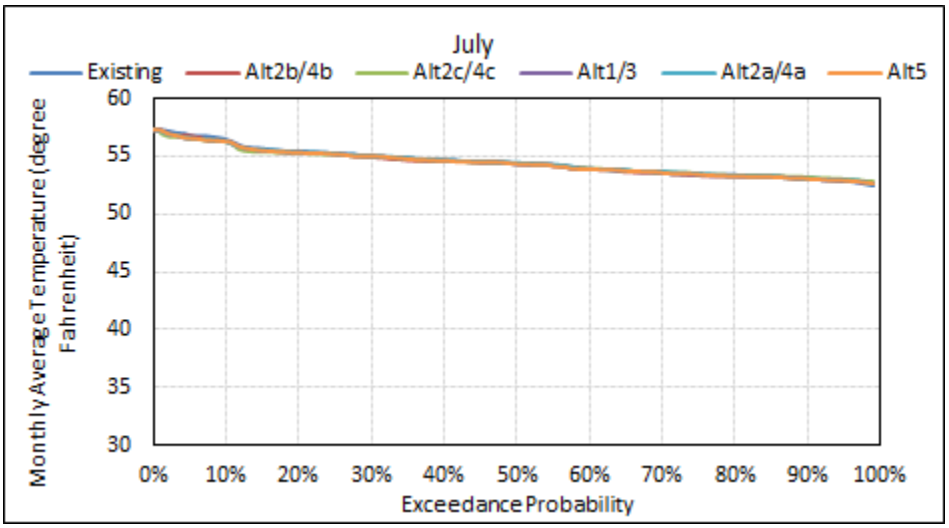
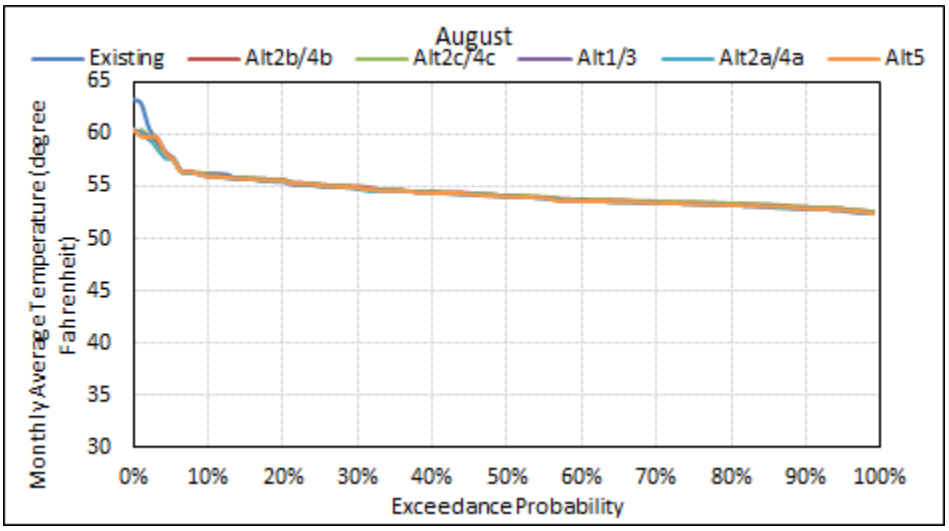


Figure 5A-D1.21.37-D. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





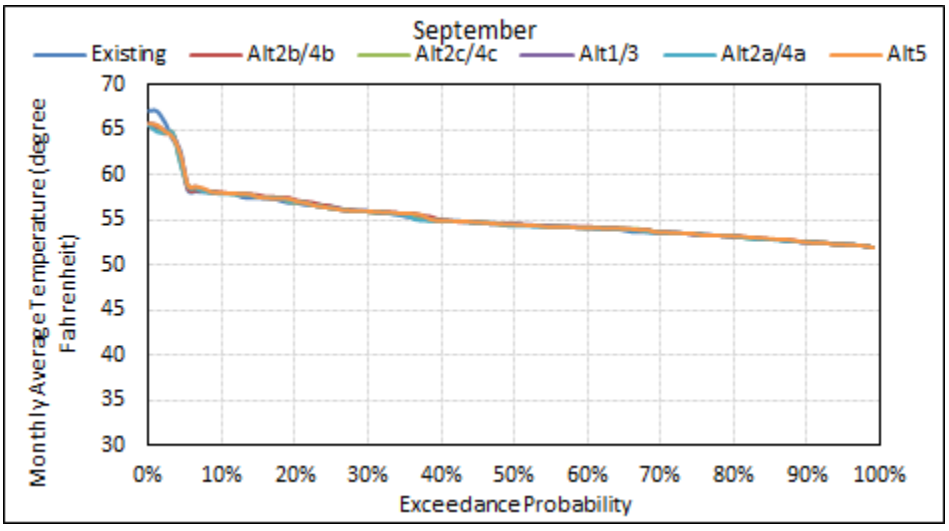


Figure 5A-D1.21.38. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

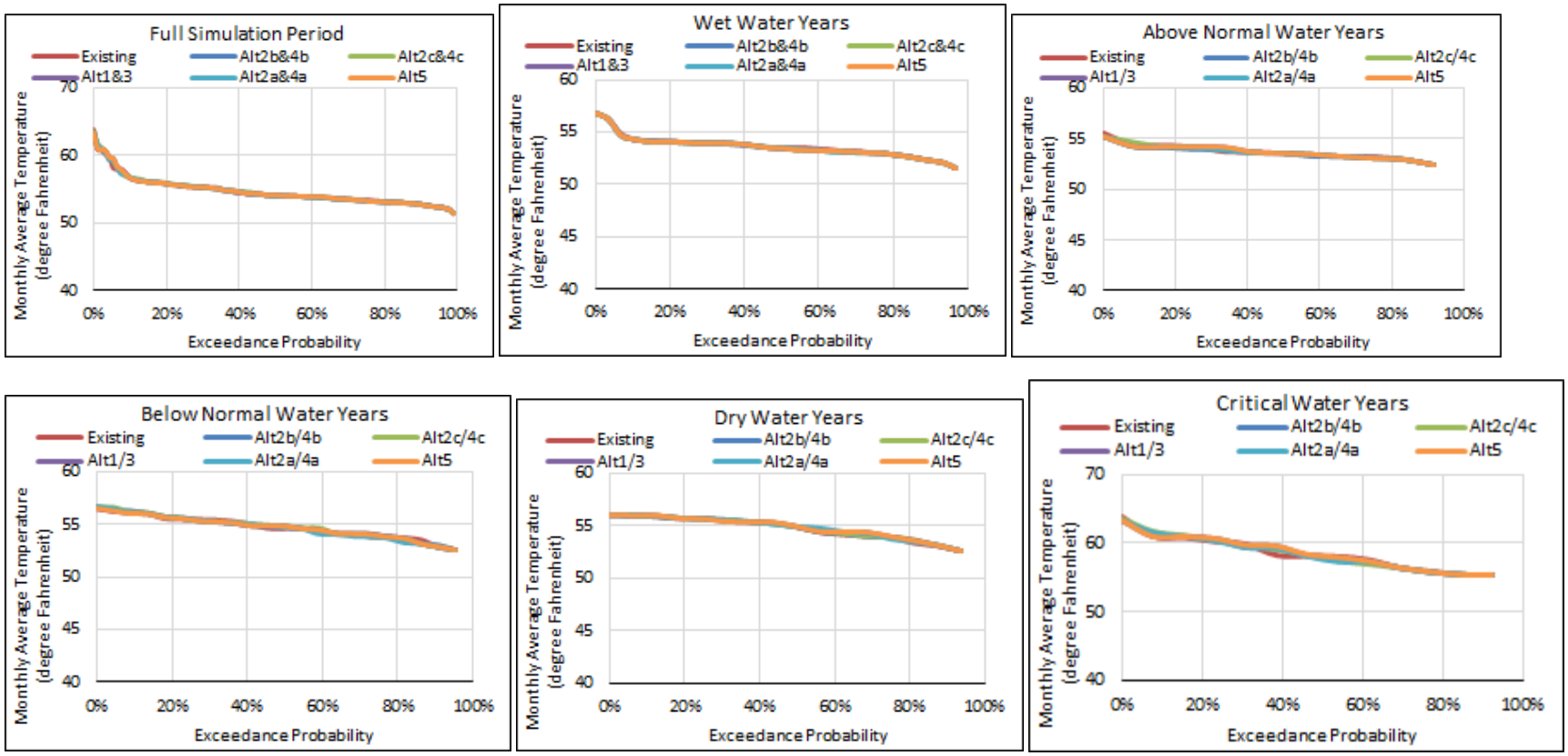


Figure 5A-D1.21.39. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

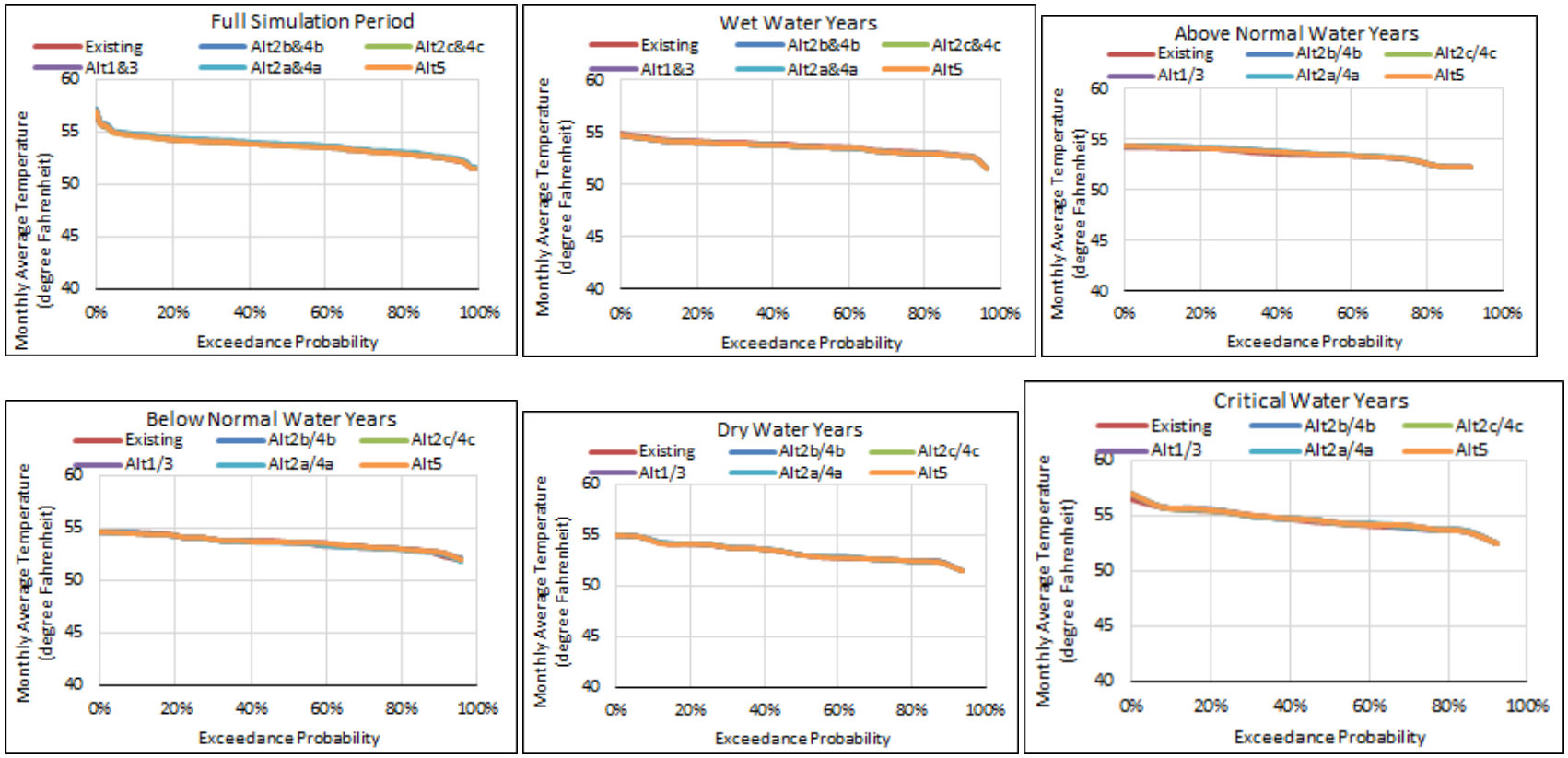


Figure 5A-D1.21.40. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

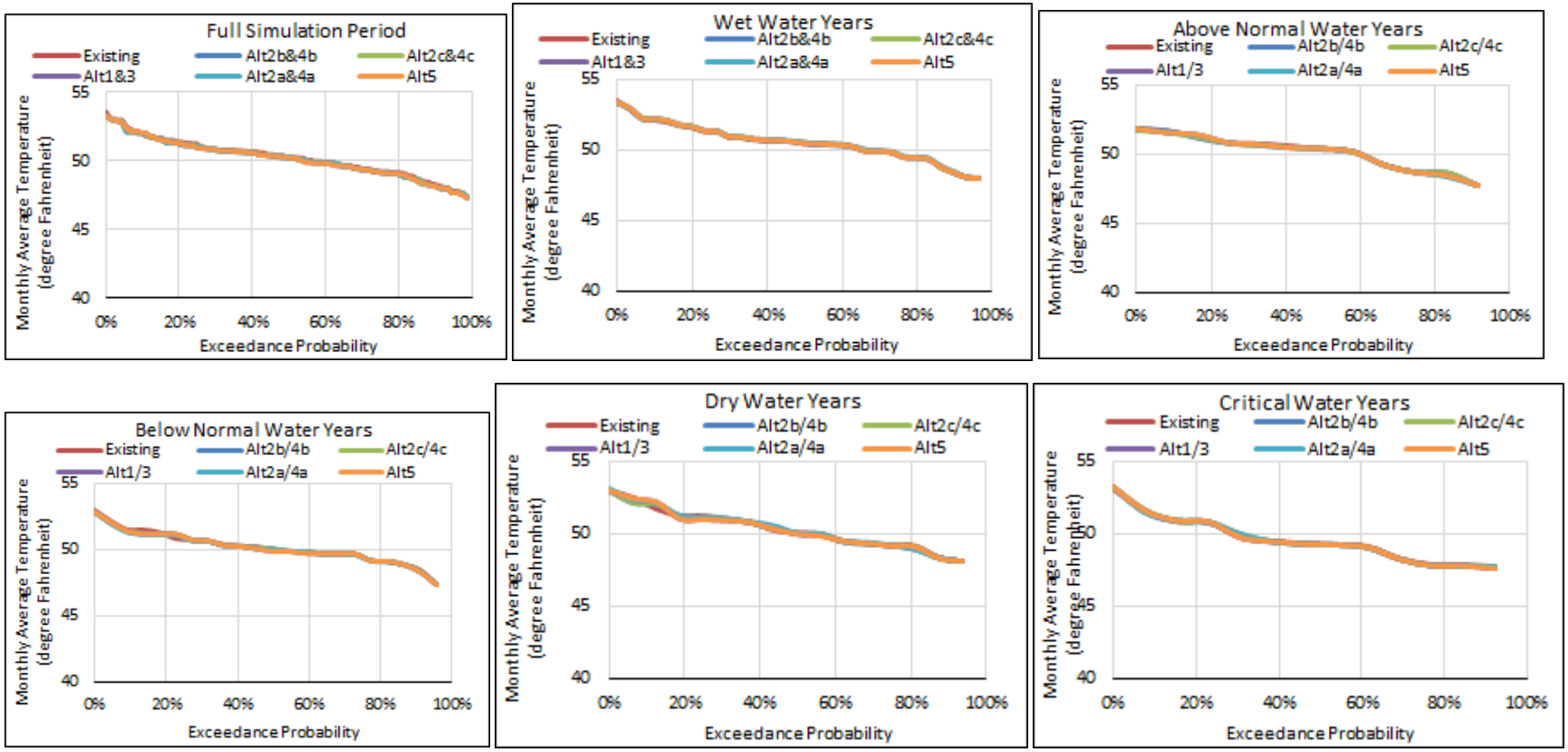


Figure 5A-D1.21.41. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

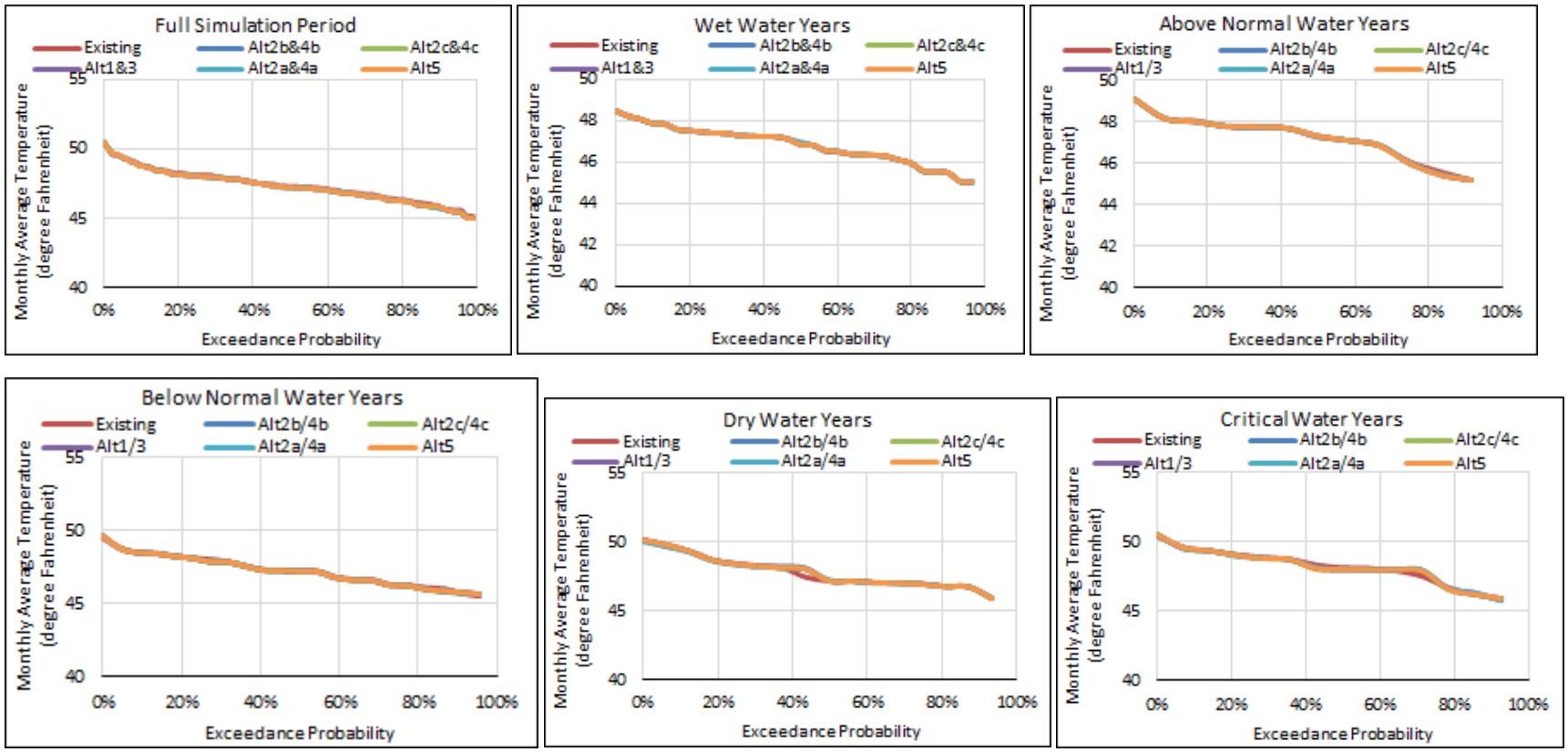


Figure 5A-D1.21.42. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

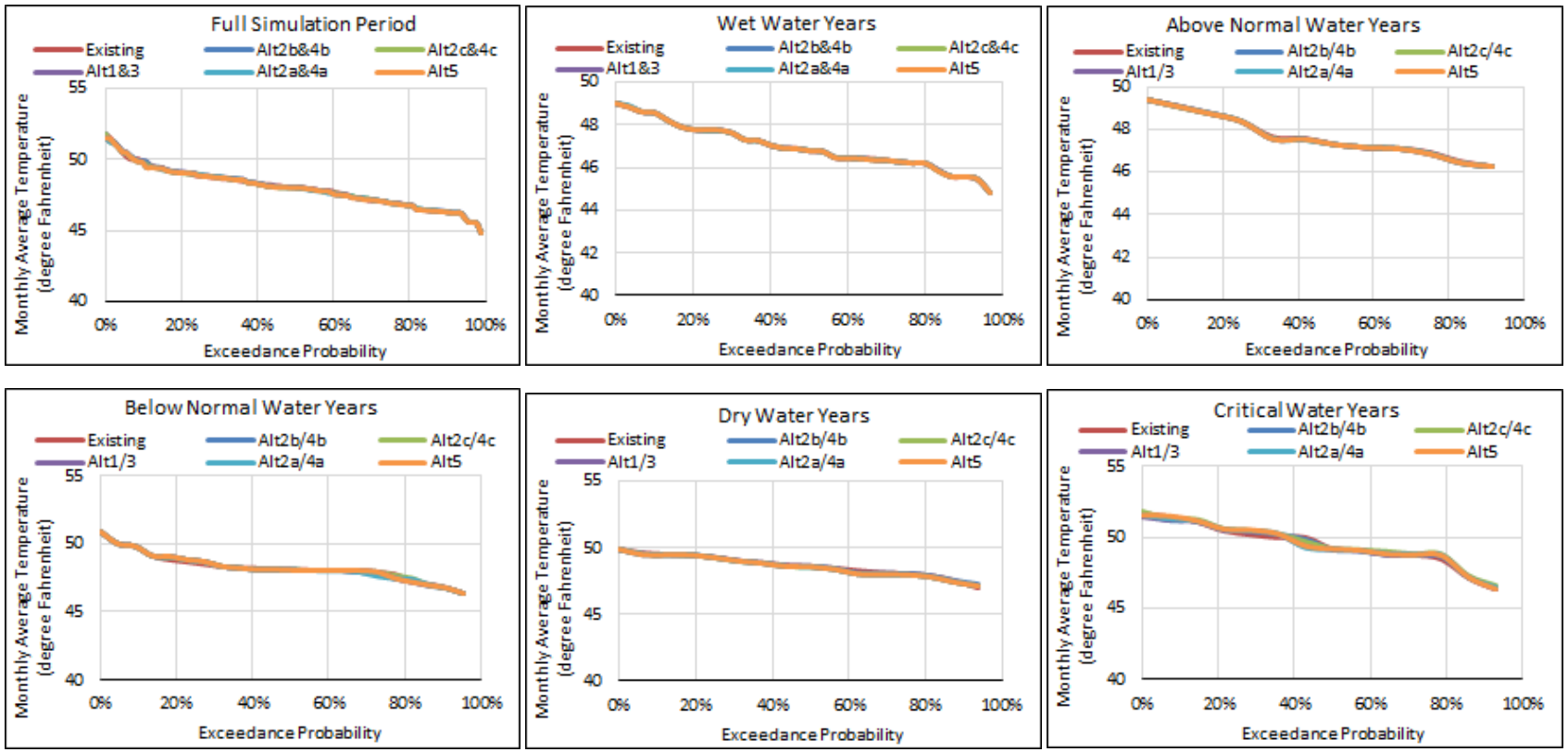


Figure 5A-D1.21.43. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

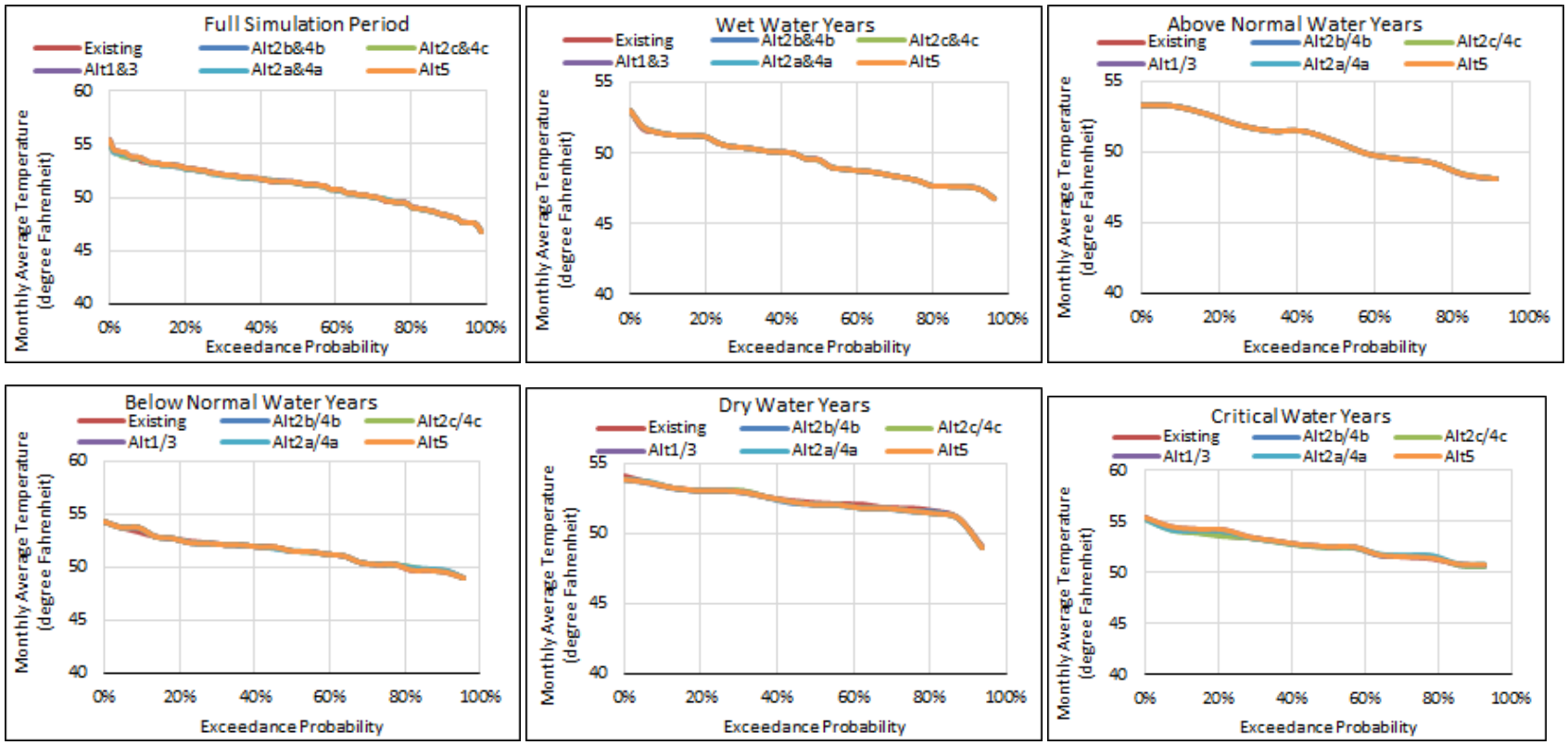


Figure 5A-D1.21.44. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

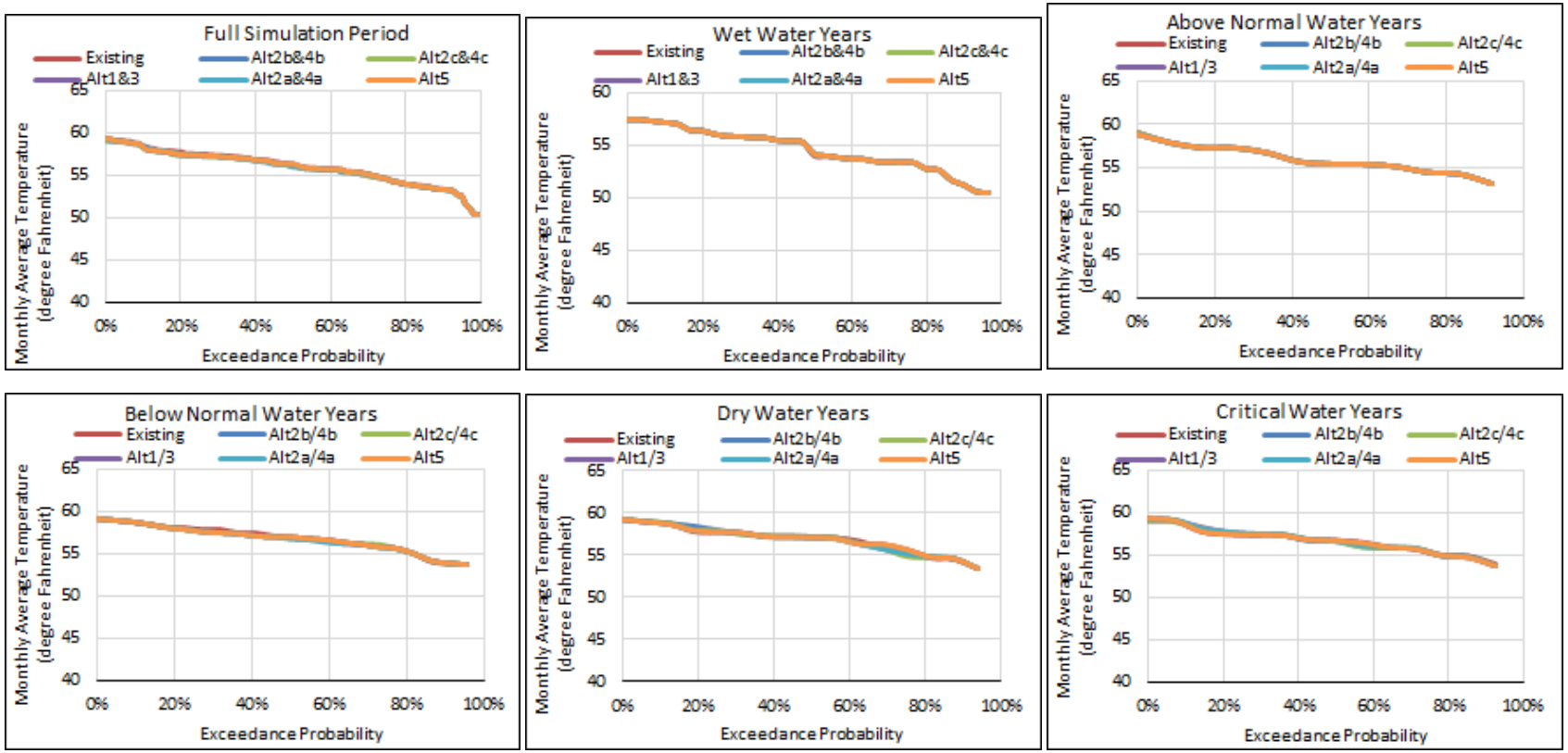


Figure 5A-D1.21.45. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

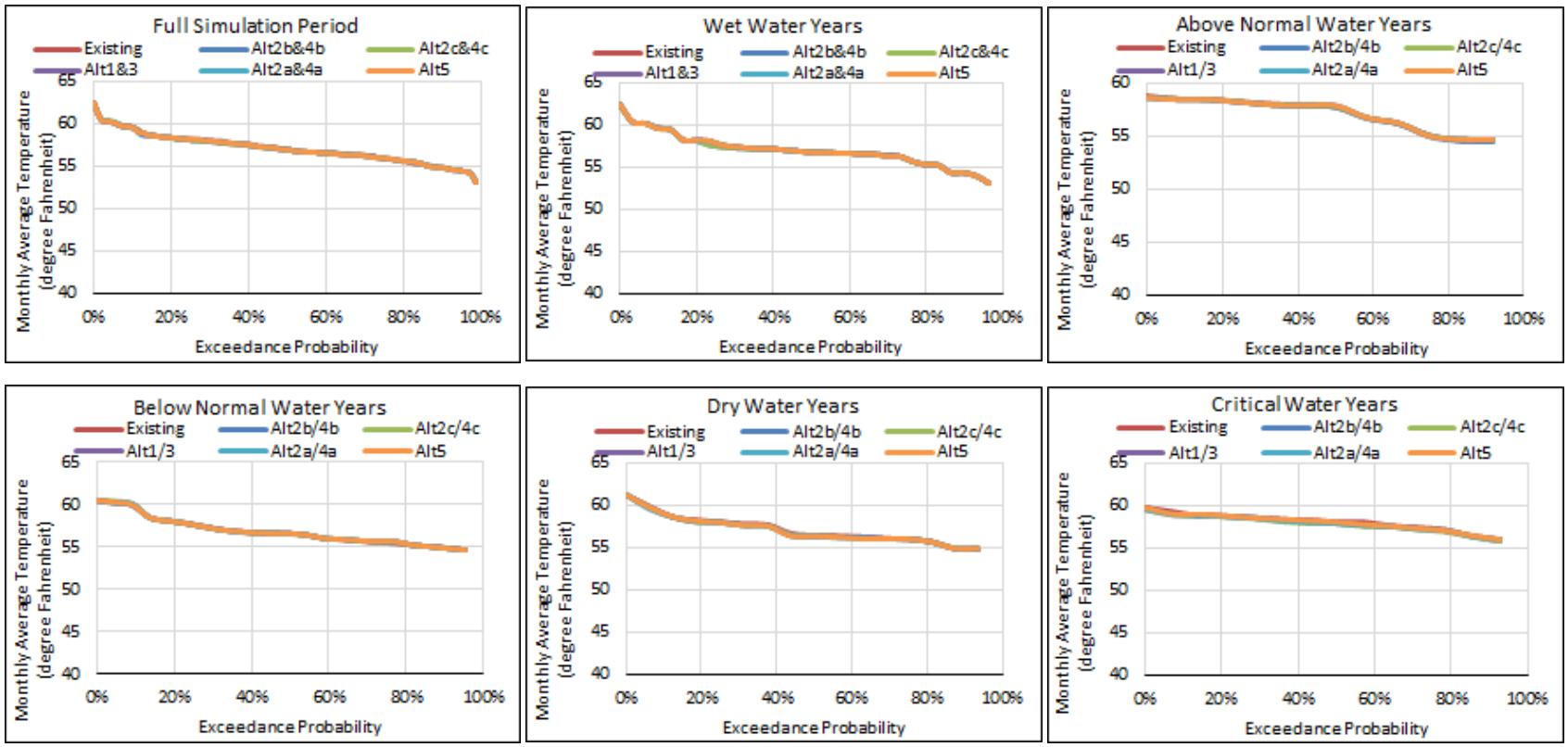


Figure 5A-D1.21.46. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

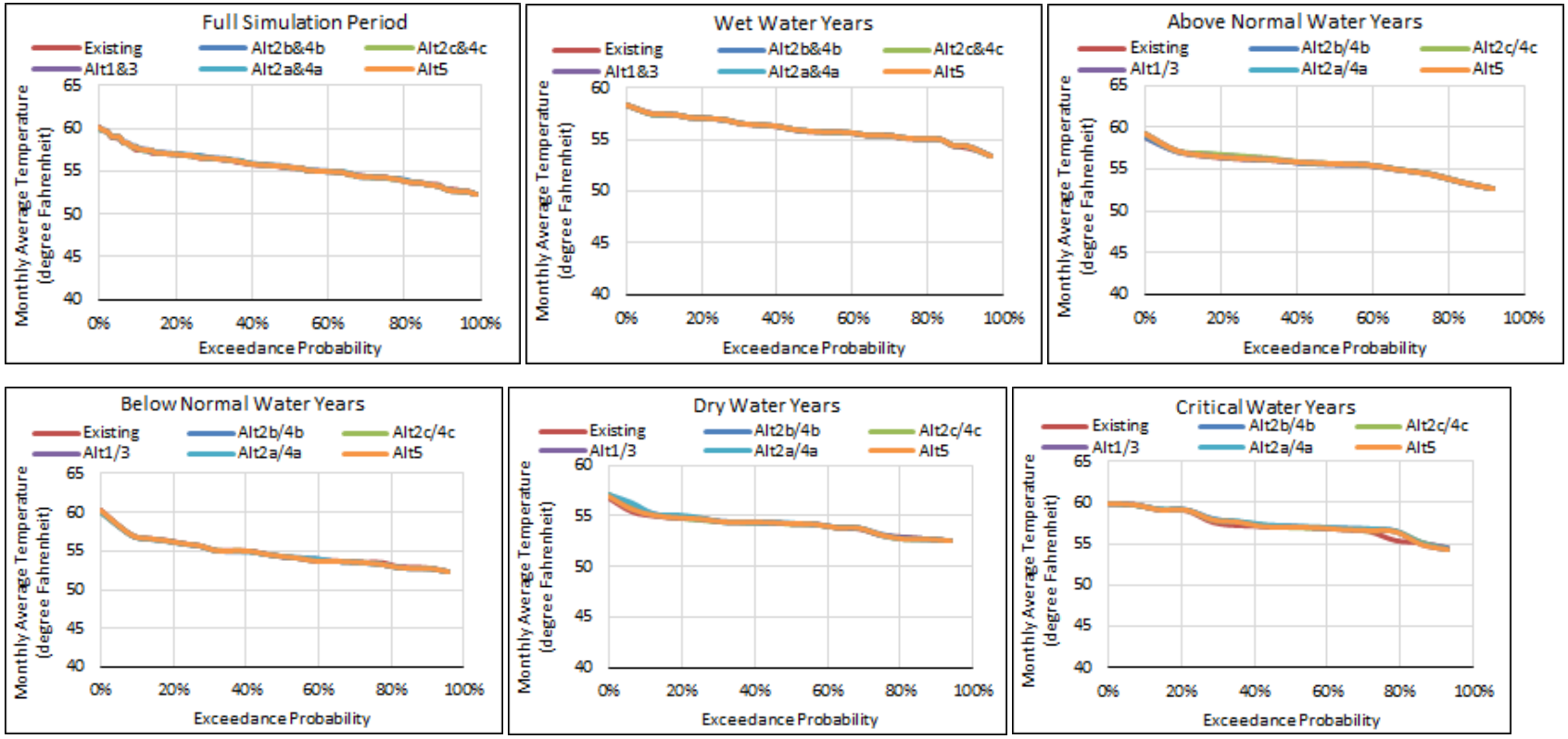


Figure 5A-D1.21.47. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

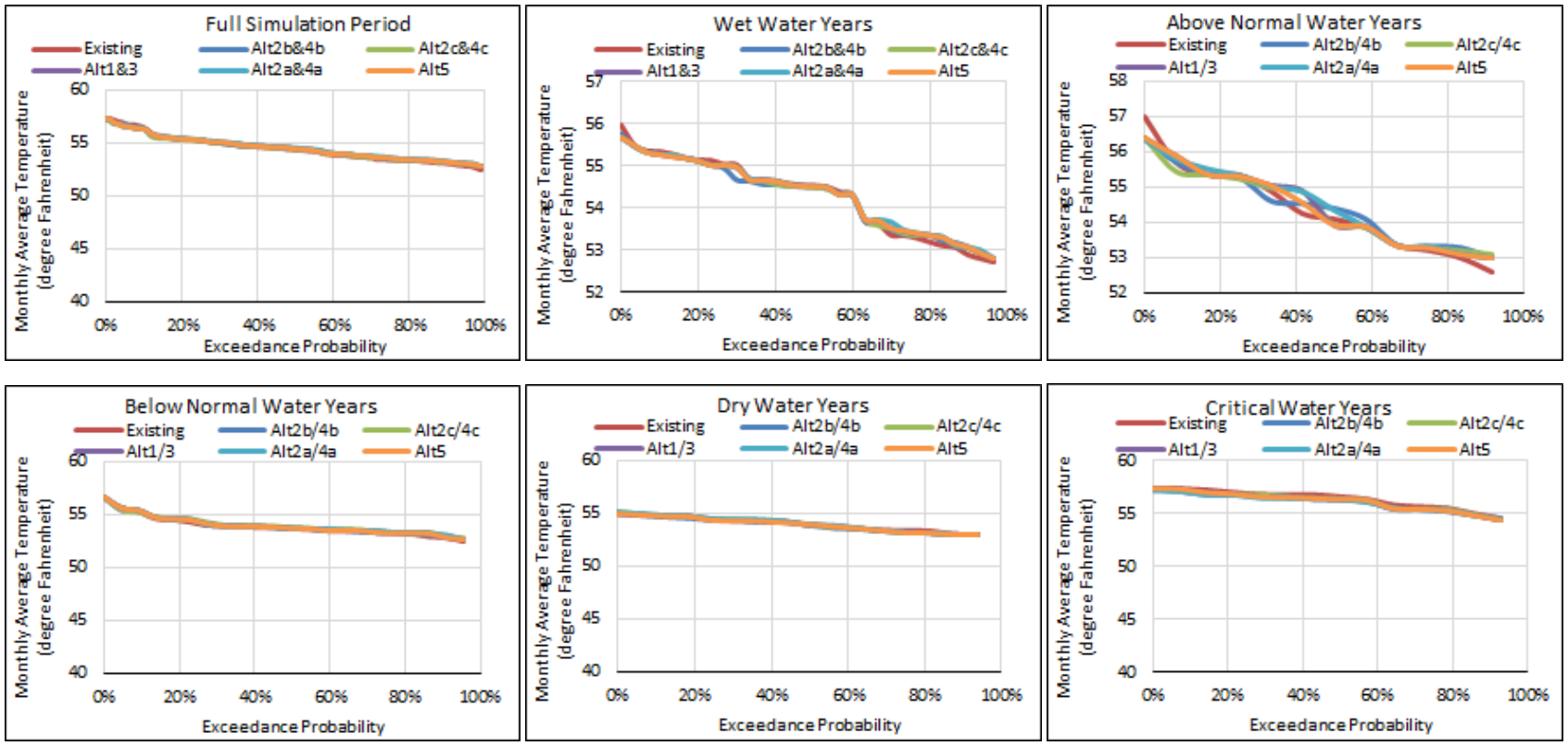


Figure 5A-D1.21.48. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

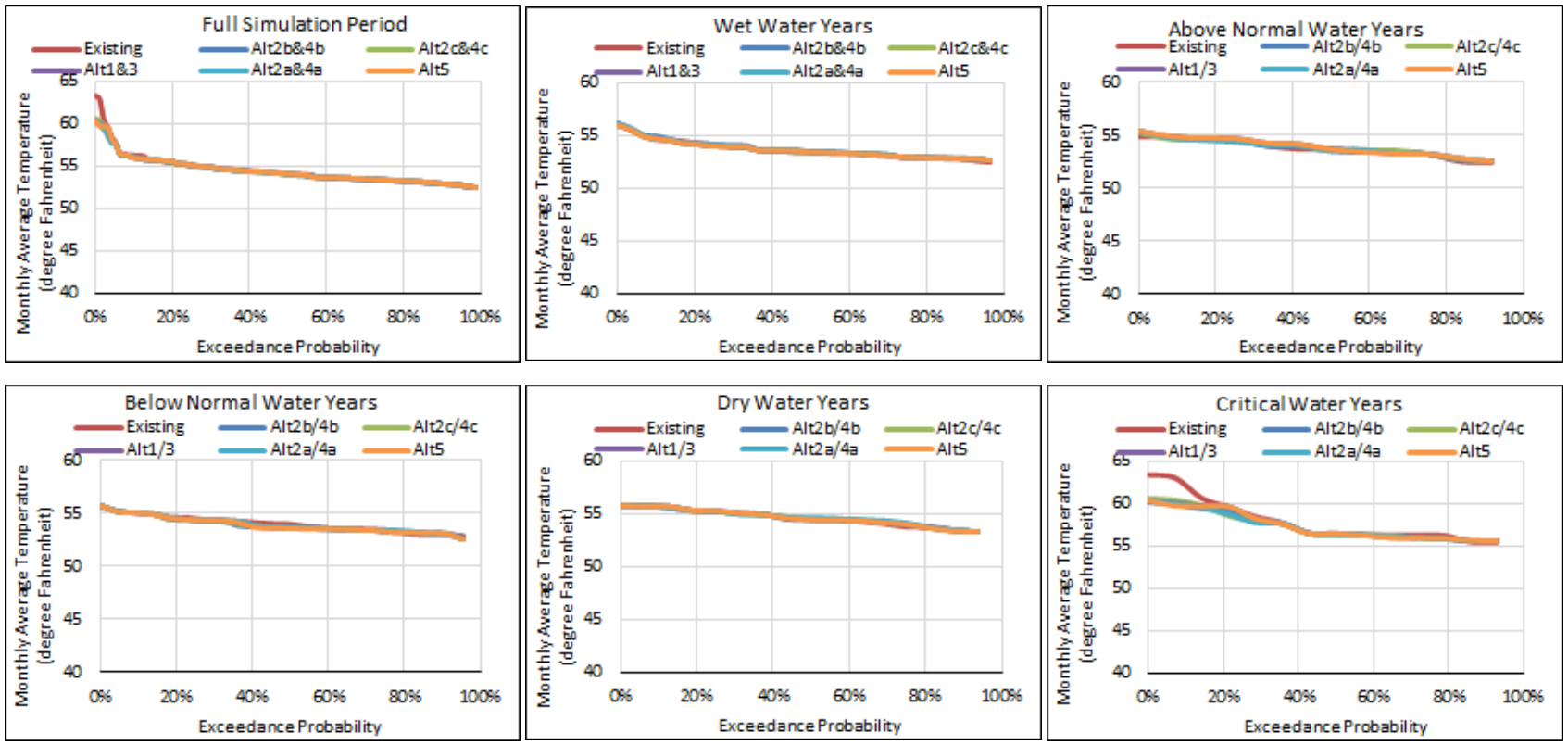
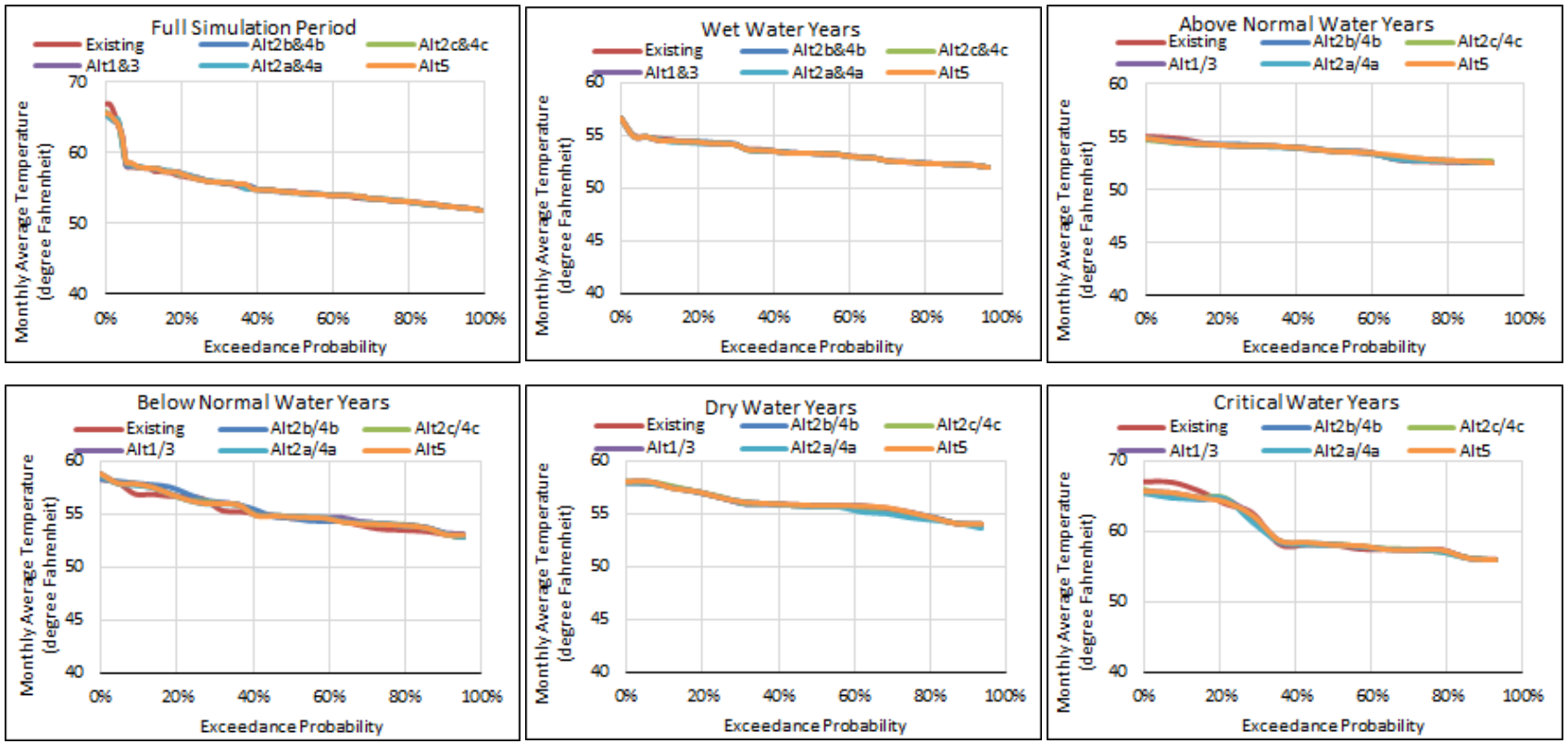


Figure 5A-D1.21.49. Sacramento River at Jellys Ferry, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.22 Sacramento River at Red Bluff Dam

Table 5A-D1.22.1-A. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	58.0	54.8	51.5	48.8	50.5	54.6	60.2	61.6	61.2	59.6	59.9	60.7
20%	57.2	54.3	50.8	48.3	49.6	54.0	59.3	60.6	59.8	58.5	58.4	59.6
30%	56.8	54.0	50.5	48.1	49.2	53.4	58.8	60.0	59.4	58.2	57.9	58.6
40%	56.2	53.9	50.2	47.7	48.8	52.9	58.4	59.7	59.1	57.4	57.5	57.6
50%	55.5	53.7	50.1	47.4	48.6	52.3	57.6	59.0	58.4	57.1	57.0	57.1
60%	55.0	53.5	49.7	47.2	48.3	51.6	56.9	58.6	57.9	56.6	56.6	56.5
70%	54.8	53.1	49.2	46.8	47.5	50.9	56.5	58.3	57.4	56.2	56.3	56.0
80%	54.4	52.8	48.8	46.4	47.2	50.0	55.3	57.7	56.8	55.8	55.9	55.3
90%	53.9	52.3	48.1	45.8	46.6	48.8	54.1	56.5	55.8	55.4	55.5	54.8

Table 5A-D1.22.1-B. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.3	59.1	58.5	57.2	57.4	57.7
Wet Water Years	54.6	53.5	50.3	47.0	47.4	50.2	55.5	58.9	59.0	57.0	56.5	55.6
Above Normal Water Years	54.8	53.4	49.7	47.3	48.1	51.7	57.3	58.9	58.6	57.2	56.6	55.9
Below Normal Water Years	56.0	53.6	49.9	47.3	48.8	52.5	58.3	58.8	57.8	56.6	56.8	57.7
Dry Water Years	56.1	53.2	50.0	47.7	49.2	53.4	58.4	59.3	57.0	56.7	57.5	58.7
Critical Water Years	59.4	54.4	49.2	48.3	50.2	54.0	58.5	60.1	60.0	59.4	61.0	62.4

Table 5A-D1.22.1-C. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	58.2	54.9	51.5	48.8	50.7	54.6	60.1	61.6	61.2	59.3	59.6	60.7
20%	57.2	54.3	50.7	48.3	49.7	54.0	59.1	60.6	60.2	58.5	58.4	60.0
30%	56.7	54.0	50.5	48.1	49.3	53.4	58.8	60.0	59.4	58.0	58.0	58.7
40%	56.0	53.9	50.2	47.7	48.7	53.0	58.3	59.6	59.1	57.5	57.5	57.8
50%	55.5	53.7	50.1	47.5	48.6	52.3	57.6	59.0	58.4	57.1	56.8	57.1
60%	55.0	53.4	49.7	47.2	48.1	51.6	56.9	58.6	57.9	56.6	56.5	56.6
70%	54.7	53.1	49.2	46.8	47.5	50.9	56.5	58.3	57.4	56.2	56.2	56.2
80%	54.3	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.8	55.8	55.9	55.4
90%	53.9	52.4	48.1	45.8	46.6	48.8	54.1	56.6	55.7	55.6	55.5	54.8

Table 5A-D1.22.1-D. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.3	59.1	58.5	57.3	57.3	57.7
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.2	55.5	58.9	59.0	57.0	56.5	55.6
Above Normal Water Years	54.7	53.4	49.8	47.3	48.1	51.7	57.3	58.9	58.6	57.3	56.6	55.9
Below Normal Water Years	56.0	53.6	49.9	47.3	48.8	52.5	58.3	58.8	57.8	56.7	56.7	58.1
Dry Water Years	56.1	53.2	50.0	47.8	49.2	53.4	58.4	59.3	57.0	56.7	57.5	58.7
Critical Water Years	59.5	54.5	49.2	48.3	50.2	54.0	58.3	60.0	60.1	59.3	60.5	62.1

Table 5A-D1.22.1-E. Sacramento River at Red Bluff Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2	0.0	0.0	0.0	0.2	0.0	-0.1	0.0	0.0	-0.3	-0.2	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.4	0.0	0.1	0.4
30%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1
40%	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	-0.1	0.2
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0
60%	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	-0.1	0.2
90%	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2	-0.1	0.0

Table 5A-D1.22.1-F. Sacramento River at Red Bluff Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.22.1-G. Sacramento River at Red Bluff Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.3%	0.0%	0.0%	0.0%	0.4%	0.1%	-0.2%	0.0%	0.1%	-0.5%	-0.4%	-0.1%
20%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.7%	-0.1%	0.1%	0.7%
30%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.2%	0.2%
40%	-0.4%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.2%	-0.2%	0.1%	0.2%	-0.1%	0.4%
50%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	-0.3%	0.0%
60%	-0.1%	-0.1%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%
70%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.3%
80%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	-0.1%	0.3%
90%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.3%	-0.1%	0.0%

Table 5A-D1.22.1-H. Sacramento River at Red Bluff Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.3%	-0.2%	0.2%	-0.2%	-0.9%	-0.5%

Table 5A-D1.22.2-A. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.7	54.8	51.5	48.8	50.5	54.6	60.1	61.6	61.2	59.2	59.6	60.7
20%	57.2	54.2	50.8	48.3	49.7	54.0	59.1	60.6	60.2	58.4	58.4	59.7
30%	56.7	54.0	50.5	48.1	49.3	53.4	58.8	60.0	59.4	58.1	58.0	58.7
40%	56.2	53.9	50.2	47.8	48.7	52.9	58.3	59.6	59.1	57.5	57.4	57.7
50%	55.5	53.7	50.1	47.5	48.5	52.3	57.7	58.9	58.5	57.1	56.9	57.1
60%	55.0	53.5	49.7	47.2	48.3	51.6	56.9	58.6	57.9	56.6	56.5	56.6
70%	54.7	53.1	49.2	46.8	47.5	50.9	56.5	58.2	57.4	56.3	56.3	56.2
80%	54.2	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.8	55.8	55.9	55.3
90%	53.9	52.4	48.0	45.8	46.6	48.8	54.1	56.6	55.7	55.6	55.5	54.8

Table 5A-D1.22.2-B. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.3	59.1	58.5	57.3	57.3	57.7
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.2	55.5	58.9	59.0	57.1	56.5	55.6
Above Normal Water Years	54.8	53.4	49.7	47.3	48.1	51.7	57.3	58.9	58.6	57.2	56.7	55.9
Below Normal Water Years	56.0	53.6	49.9	47.3	48.8	52.5	58.3	58.8	57.8	56.7	56.7	58.0
Dry Water Years	56.1	53.2	50.0	47.8	49.2	53.3	58.3	59.2	57.0	56.7	57.6	58.7
Critical Water Years	59.4	54.5	49.2	48.3	50.2	54.0	58.3	60.0	60.0	59.3	60.5	62.1

Table 5A-D1.22.2-C. Sacramento River at Red Bluff Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-0.3	-0.2	0.0
20%	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	0.0	0.4	-0.1	0.1	0.1
30%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	0.1	0.1	-0.1	0.1
50%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.1
80%	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
90%	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2	0.0	0.0

Table 5A-D1.22.2-D. Sacramento River at Red Bluff Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.1	0.0	0.0	0.0	-0.2	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.22.2-E. Sacramento River at Red Bluff Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.3%	0.0%	0.1%	-0.6%	-0.4%	0.0%
20%	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%	-0.4%	0.0%	0.7%	-0.1%	0.1%	0.2%
30%	-0.1%	0.1%	0.0%	-0.1%	0.2%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.1%
40%	0.0%	0.0%	0.0%	0.2%	-0.1%	-0.1%	-0.1%	-0.2%	0.1%	0.1%	-0.2%	0.3%
50%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.2%	0.1%
60%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.1%	0.2%
80%	-0.3%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%
90%	0.1%	0.2%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.3%	-0.1%	0.0%

Table 5A-D1.22.2-F. Sacramento River at Red Bluff Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	-0.1%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.1%	0.0%
Critical Water Years	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.3%	-0.2%	0.1%	-0.2%	-0.9%	-0.5%

Table 5A-D1.22.3-A. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	58.1	54.8	51.7	48.8	50.4	54.6	60.0	61.6	61.2	59.3	59.8	60.7
20%	57.2	54.3	50.8	48.3	49.7	54.0	59.1	60.6	60.0	58.5	58.5	59.7
30%	56.7	54.0	50.5	48.1	49.3	53.4	58.7	60.0	59.4	58.1	58.1	58.6
40%	56.1	53.9	50.2	47.7	48.7	52.9	58.4	59.7	59.2	57.5	57.4	57.8
50%	55.5	53.7	50.0	47.5	48.5	52.3	57.8	59.0	58.4	57.1	57.0	57.1
60%	55.0	53.5	49.7	47.2	48.1	51.6	56.9	58.6	57.9	56.6	56.5	56.6
70%	54.8	53.1	49.2	46.8	47.5	50.9	56.5	58.2	57.4	56.3	56.2	56.2
80%	54.3	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.8	55.8	55.8	55.4
90%	53.9	52.3	48.1	45.8	46.6	48.8	54.1	56.6	55.7	55.6	55.5	54.7

Table 5A-D1.22.3-B. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.3	59.1	58.5	57.3	57.3	57.7
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.2	55.5	58.9	59.0	57.1	56.5	55.6
Above Normal Water Years	54.8	53.4	49.7	47.3	48.1	51.7	57.2	58.9	58.6	57.2	56.6	55.9
Below Normal Water Years	56.0	53.6	49.9	47.3	48.8	52.5	58.3	58.8	57.8	56.8	56.7	58.0
Dry Water Years	56.2	53.2	50.0	47.8	49.2	53.3	58.4	59.3	57.0	56.7	57.6	58.7
Critical Water Years	59.5	54.5	49.2	48.3	50.2	54.0	58.4	60.0	60.0	59.3	60.5	62.2

Table 5A-D1.22.3-C. Sacramento River at Red Bluff Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	0.2	0.0	-0.1	0.0	-0.2	0.0	0.0	-0.3	-0.1	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.2	-0.1	0.1	0.2
30%	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.2
50%	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	0.0

Table 5A-D1.22.3-D. Sacramento River at Red Bluff Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.3
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.22.3-E. Sacramento River at Red Bluff Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.0%	0.4%	0.0%	-0.1%	0.1%	-0.3%	0.0%	0.0%	-0.5%	-0.2%	0.0%
20%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.3%	-0.1%	0.2%	0.3%
30%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.3%	0.0%
40%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.2%	0.2%	-0.2%	0.3%
50%	0.0%	0.1%	-0.1%	0.1%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.1%	-0.1%	0.1%
60%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.1%	0.2%
80%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.1%	-0.1%	0.3%
90%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.2%	-0.1%	-0.1%

Table 5A-D1.22.3-F. Sacramento River at Red Bluff Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.1%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.8%	-0.3%

Table 5A-D1.22.4-A. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.9	54.8	51.7	48.8	50.4	54.6	60.1	61.6	61.1	59.3	59.7	60.7
20%	57.2	54.2	50.7	48.3	49.7	54.0	59.1	60.6	60.2	58.5	58.4	59.7
30%	56.7	54.0	50.5	48.1	49.3	53.4	58.8	60.0	59.4	58.1	57.9	58.6
40%	56.3	53.9	50.2	47.7	48.7	52.9	58.1	59.7	59.2	57.5	57.5	57.6
50%	55.3	53.7	50.1	47.5	48.5	52.3	57.6	58.9	58.4	57.2	56.9	57.0
60%	55.0	53.5	49.7	47.2	48.1	51.7	56.9	58.6	57.9	56.7	56.6	56.5
70%	54.7	53.1	49.3	46.8	47.5	50.9	56.5	58.2	57.4	56.3	56.3	56.0
80%	54.3	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.9	55.8	55.9	55.3
90%	53.9	52.4	48.0	45.8	46.6	48.8	54.1	56.6	55.7	55.6	55.5	54.7

Table 5A-D1.22.4-B. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.3	59.1	58.5	57.3	57.3	57.6
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.2	55.5	58.9	59.0	57.1	56.5	55.6
Above Normal Water Years	54.7	53.4	49.7	47.3	48.1	51.7	57.2	58.9	58.6	57.3	56.6	55.8
Below Normal Water Years	56.0	53.6	49.9	47.3	48.8	52.5	58.2	58.8	57.8	56.8	56.7	58.0
Dry Water Years	56.1	53.2	50.0	47.8	49.1	53.3	58.3	59.2	57.1	56.8	57.7	58.5
Critical Water Years	59.4	54.5	49.2	48.3	50.2	54.1	58.4	60.0	60.1	59.3	60.4	62.1

Table 5A-D1.22.4-C. Sacramento River at Red Bluff Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.2	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.3	-0.2	0.0
20%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.4	0.0	0.1	0.2
30%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
40%	0.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.1	0.1	0.0	0.0
50%	-0.1	0.0	0.0	0.1	-0.1	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0
60%	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
90%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	0.0

Table 5A-D1.22.4-D. Sacramento River at Red Bluff Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.1	-0.1
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.22.4-E. Sacramento River at Red Bluff Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	0.4%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.0%	-0.5%	-0.3%	0.0%
20%	0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.7%	0.0%	0.1%	0.3%
30%	-0.1%	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.1%	-0.1%	-0.1%	0.0%
40%	0.3%	0.0%	0.0%	0.1%	-0.1%	-0.1%	-0.5%	0.0%	0.2%	0.2%	0.0%	0.0%
50%	-0.3%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.1%	-0.2%	0.0%
60%	-0.1%	0.0%	0.1%	0.1%	-0.3%	0.2%	-0.1%	0.0%	0.1%	0.2%	0.0%	0.0%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.3%	-0.1%	0.0%
80%	-0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%	0.1%	-0.1%	0.0%
90%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.2%	-0.1%	-0.1%

Table 5A-D1.22.4-F. Sacramento River at Red Bluff Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%
Wet Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.3%	0.0%	-0.2%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.4%	-0.2%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.2%	-0.1%	-0.1%	0.2%	0.1%	0.2%	-0.2%
Critical Water Years	0.0%	0.1%	0.1%	0.1%	0.0%	0.1%	-0.1%	-0.2%	0.2%	-0.2%	-1.0%	-0.5%

Table 5A-D1.22.5-A. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	58.1	54.8	51.7	48.8	50.4	54.6	60.0	61.6	61.2	59.3	59.8	60.7
20%	57.2	54.3	50.8	48.3	49.7	54.0	59.1	60.6	60.0	58.5	58.5	59.7
30%	56.7	54.0	50.5	48.1	49.3	53.4	58.8	60.0	59.4	58.1	58.1	58.6
40%	56.1	53.9	50.2	47.7	48.7	52.9	58.4	59.7	59.2	57.5	57.4	57.7
50%	55.5	53.7	50.0	47.5	48.5	52.3	57.8	59.0	58.4	57.1	57.0	57.1
60%	55.0	53.5	49.7	47.2	48.1	51.7	56.9	58.6	57.9	56.7	56.5	56.6
70%	54.8	53.1	49.2	46.8	47.5	50.9	56.5	58.2	57.3	56.3	56.2	56.2
80%	54.2	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.8	55.8	55.9	55.5
90%	53.9	52.3	48.0	45.8	46.6	48.8	54.1	56.6	55.7	55.6	55.5	54.8

Table 5A-D1.22.5-B. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.3	59.1	58.5	57.3	57.3	57.7
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.2	55.5	58.9	59.0	57.1	56.5	55.6
Above Normal Water Years	54.8	53.4	49.7	47.3	48.1	51.7	57.2	58.9	58.6	57.2	56.6	55.9
Below Normal Water Years	56.0	53.6	49.9	47.3	48.8	52.5	58.3	58.8	57.8	56.8	56.7	58.0
Dry Water Years	56.2	53.2	50.0	47.8	49.2	53.3	58.4	59.2	57.0	56.7	57.6	58.7
Critical Water Years	59.5	54.5	49.2	48.3	50.2	54.0	58.4	60.0	60.0	59.3	60.5	62.2

Table 5A-D1.22.5-C. Sacramento River at Red Bluff Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	0.2	0.0	-0.1	0.0	-0.2	0.0	0.0	-0.3	-0.1	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.2	-0.1	0.1	0.2
30%	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.2	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.1
50%	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0
60%	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.1	-0.1	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.1
80%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	0.0

Table 5A-D1.22.5-D. Sacramento River at Red Bluff Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.3
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.22.5-E. Sacramento River at Red Bluff Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.3%	0.0%	0.4%	0.0%	-0.1%	0.1%	-0.3%	0.0%	0.0%	-0.5%	-0.2%	0.1%
20%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.3%	-0.1%	0.2%	0.3%
30%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.3%	0.0%
40%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.2%	0.1%	-0.2%	0.2%
50%	0.1%	0.1%	-0.1%	0.1%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%
60%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.2%	-0.2%	0.2%
80%	-0.3%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.1%	-0.1%	0.4%
90%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.2%	-0.1%	-0.1%

Table 5A-D1.22.5-F. Sacramento River at Red Bluff Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%
Below Normal Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.9%	-0.3%

Figure 5A-D1.22.1. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

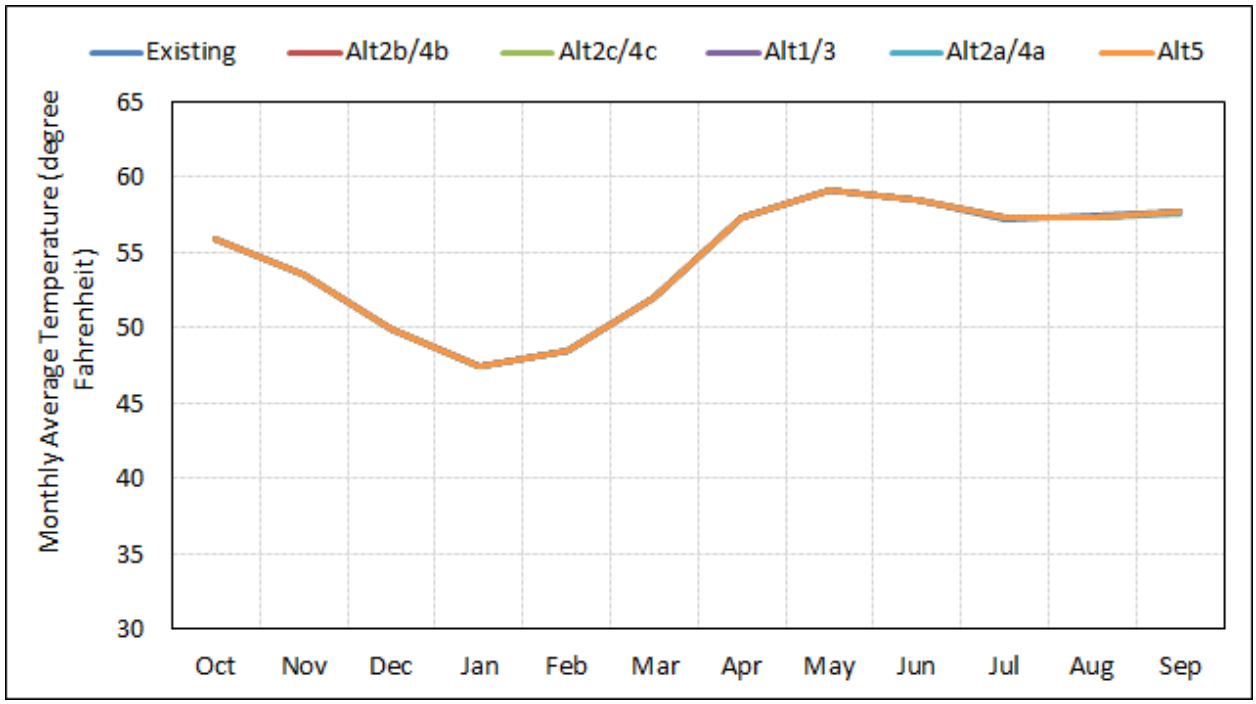


Figure 5A-D1.22.2. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

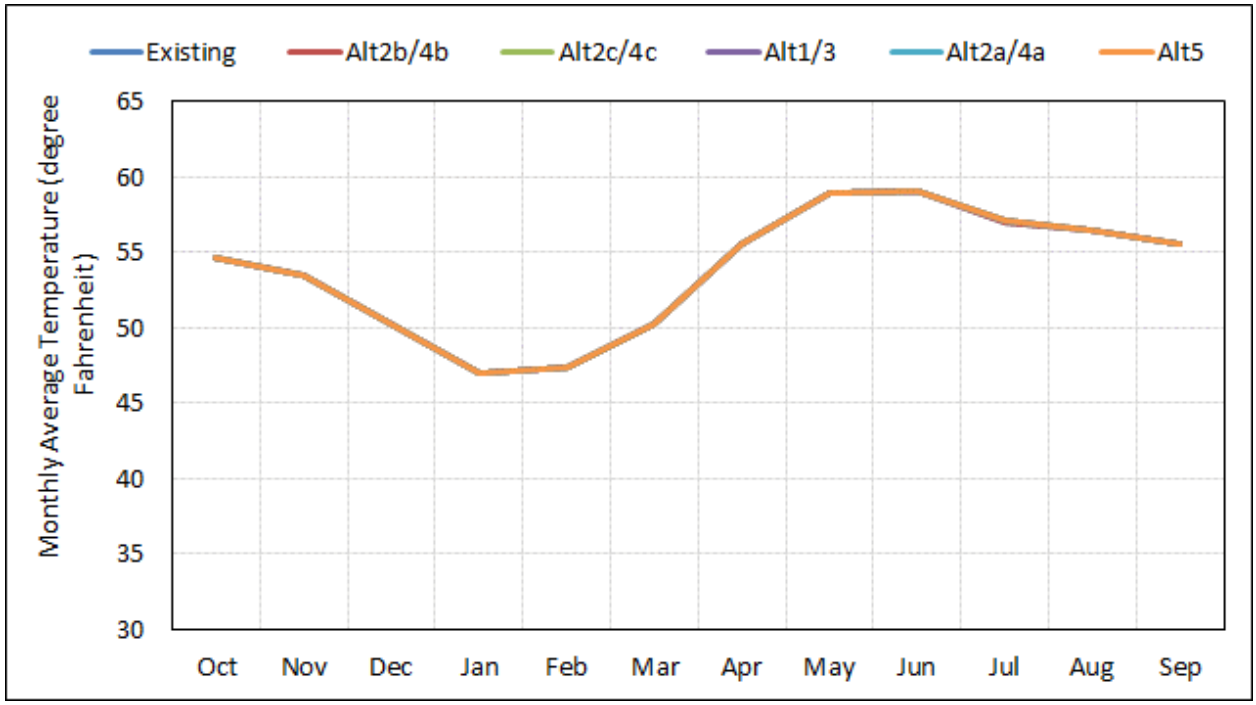


Figure 5A-D1.22.3. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

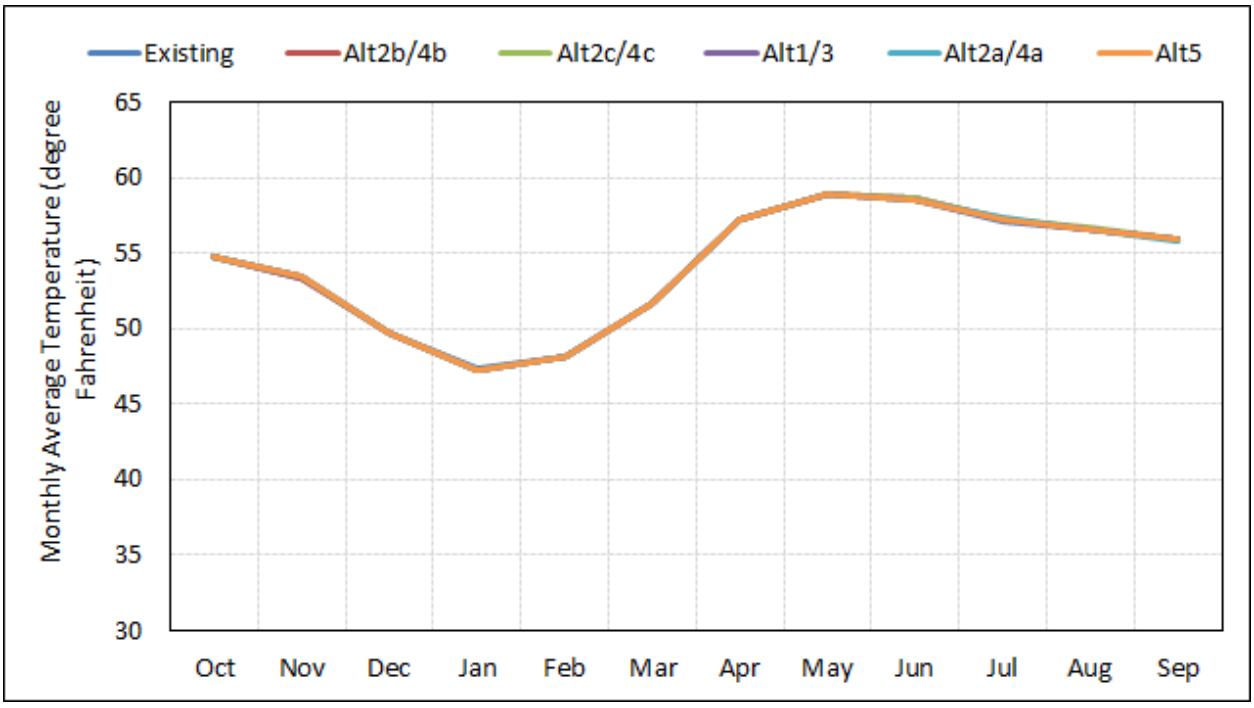


Figure 5A-D1.22.4. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

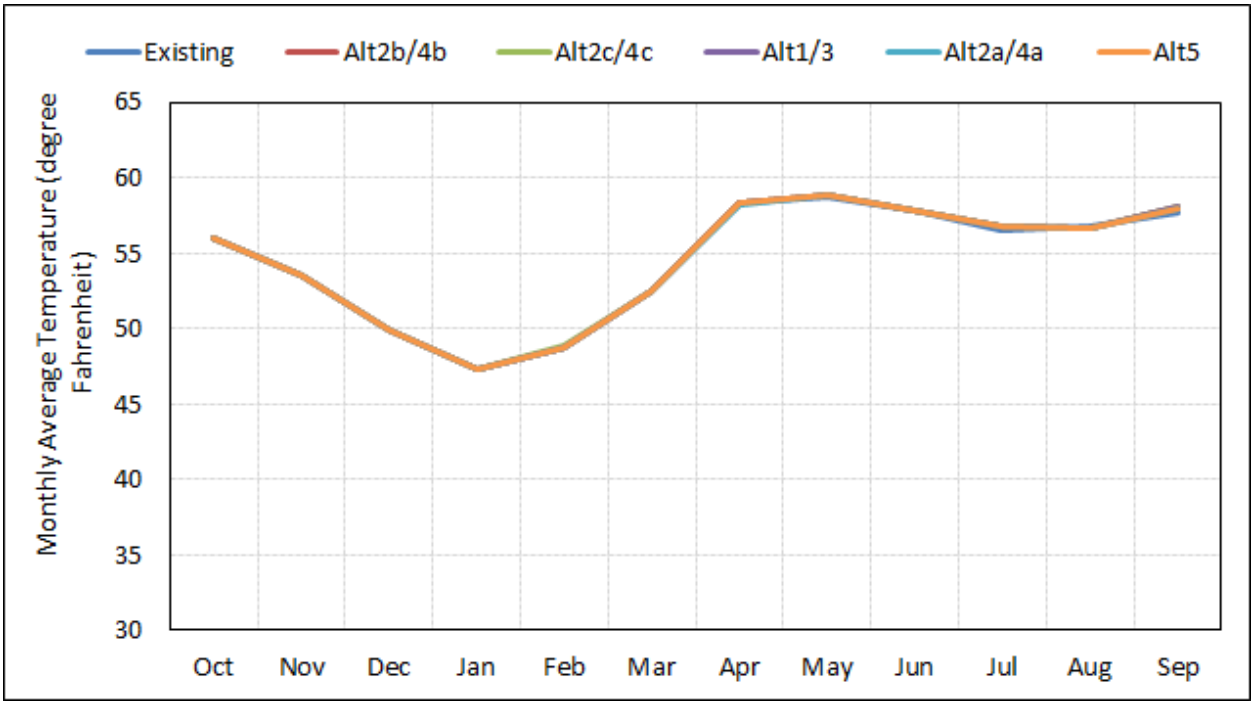


Figure 5A-D1.22.5. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

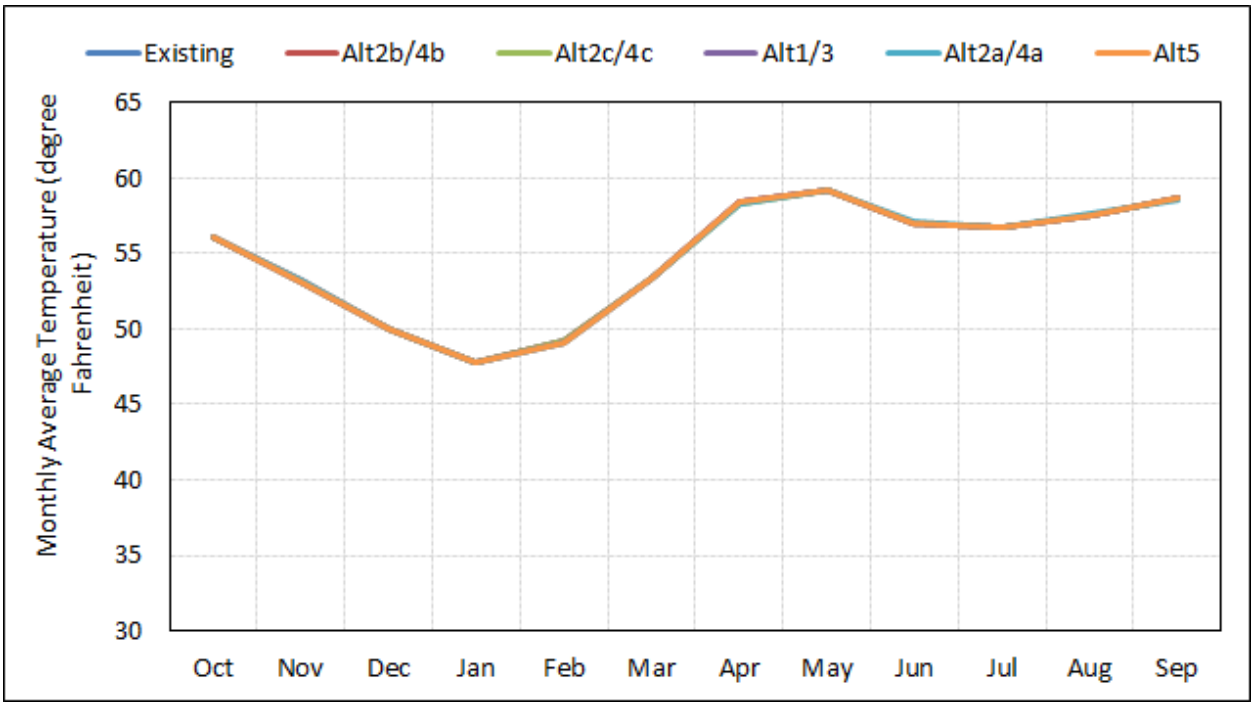


Figure 5A-D1.22.6. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

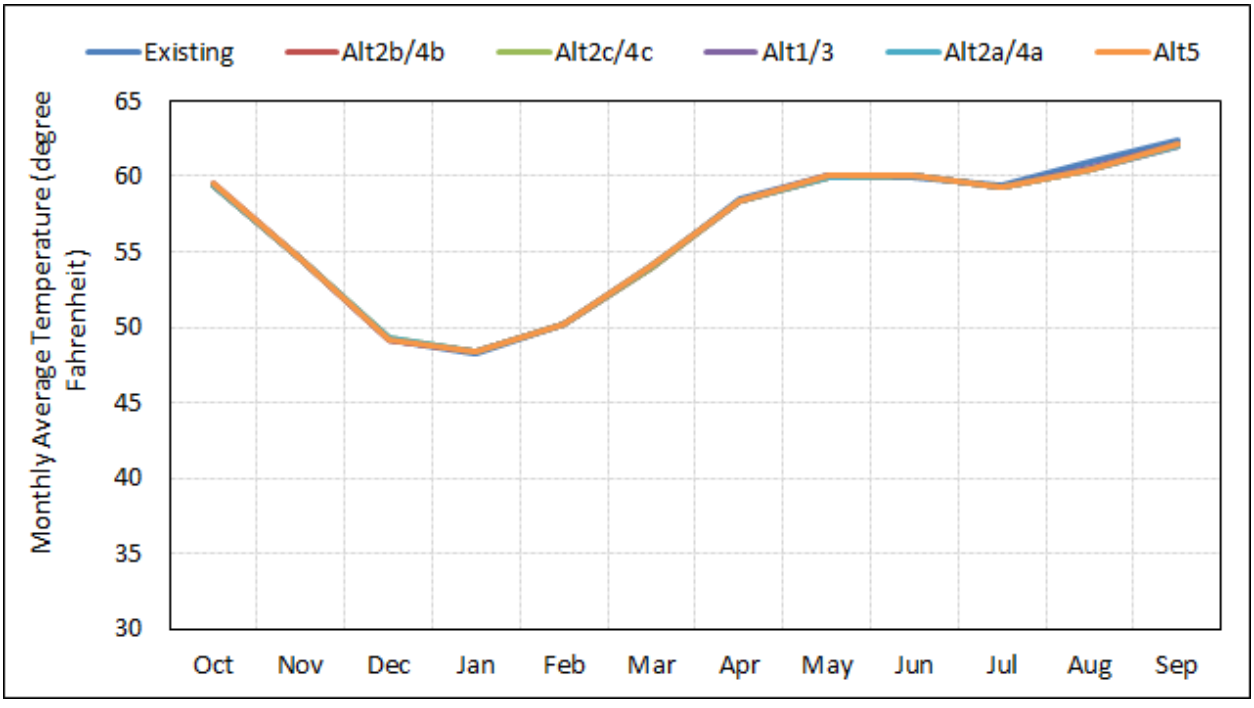


Figure 5A-D1.22.7. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

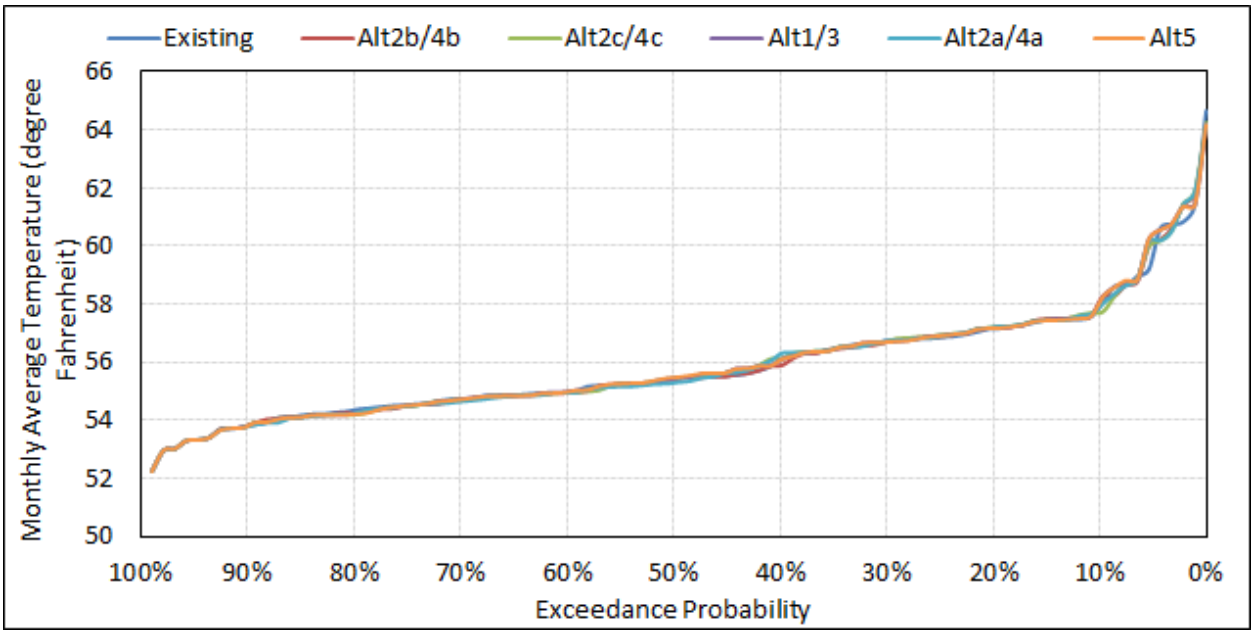


Figure 5A-D1.22.8. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

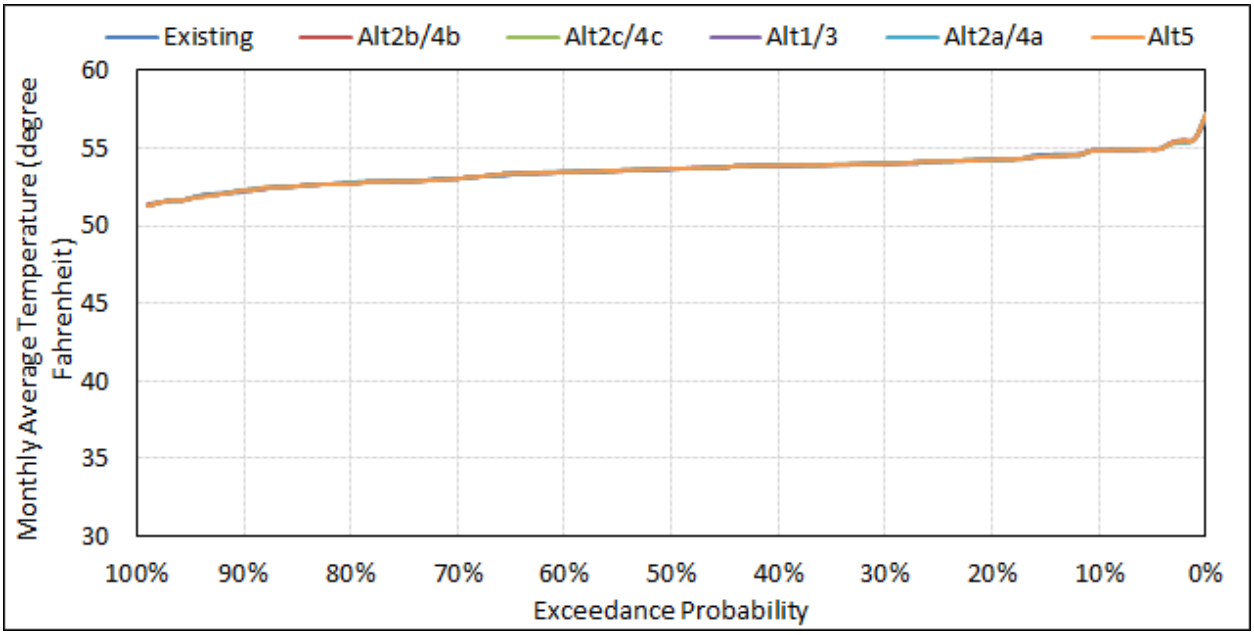


Figure 5A-D1.22.9. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

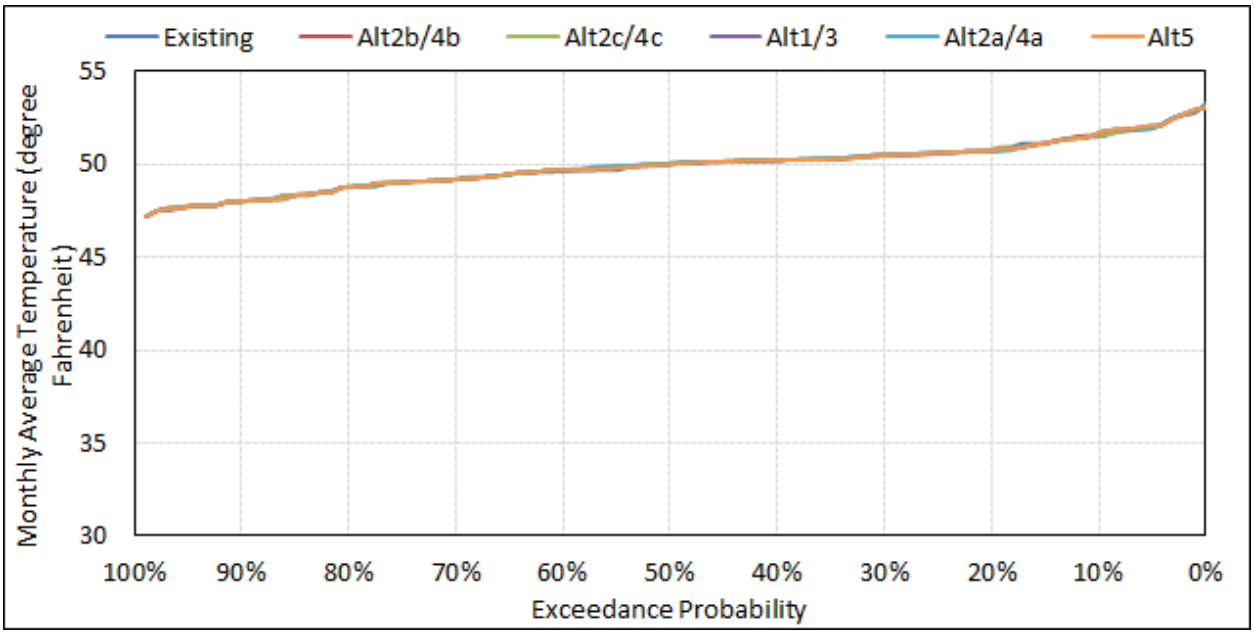


Figure 5A-D1.22.10. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

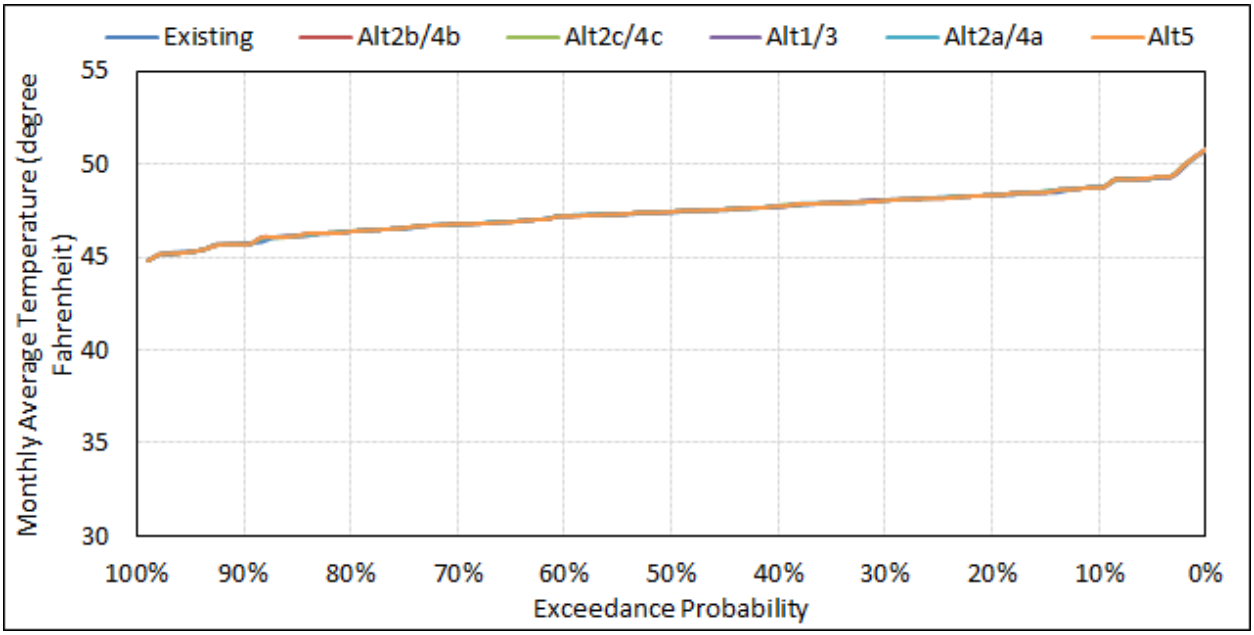


Figure 5A-D1.22.11. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

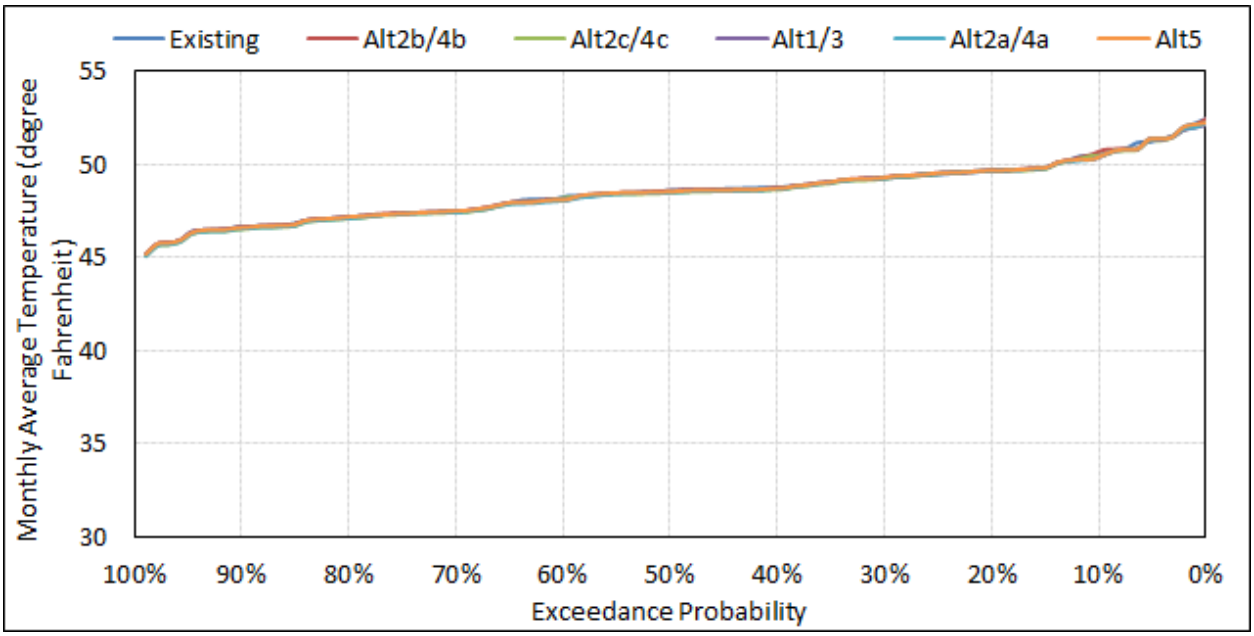


Figure 5A-D1.22.12. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

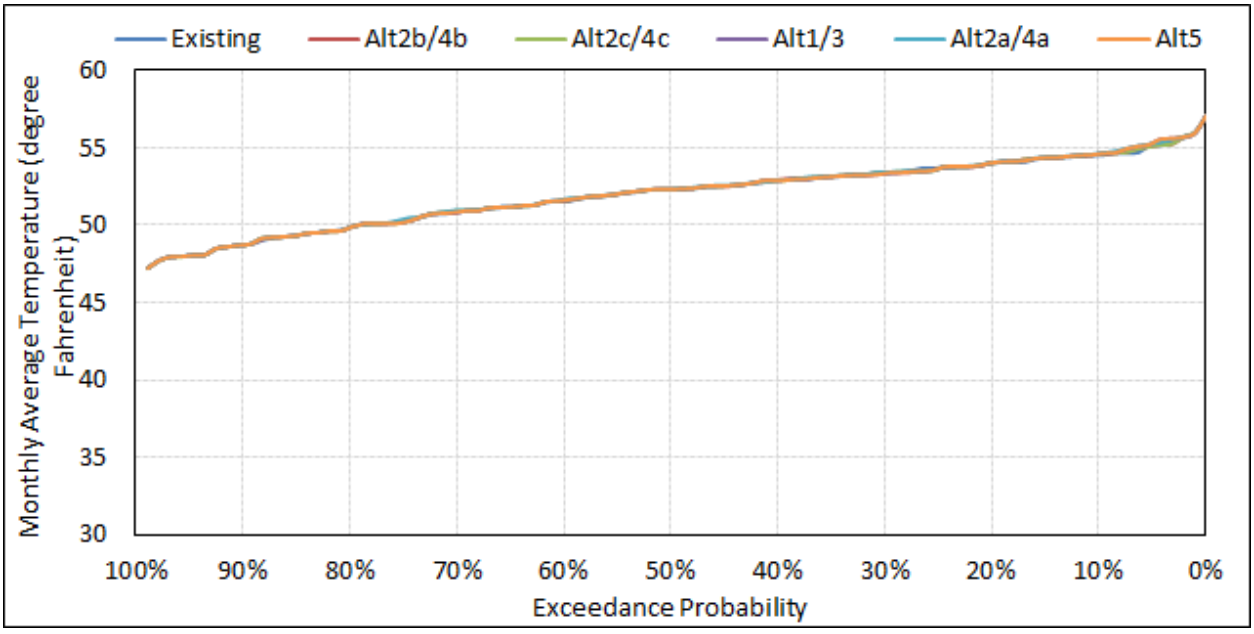


Figure 5A-D1.22.13. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

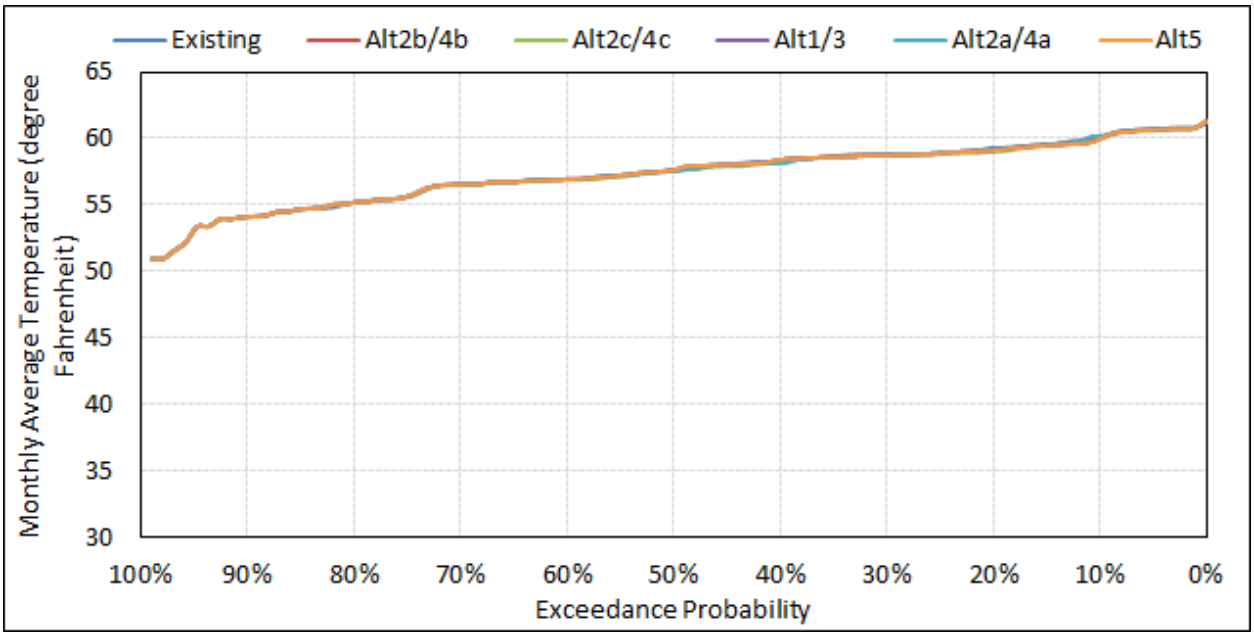


Figure 5A-D1.22.14. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

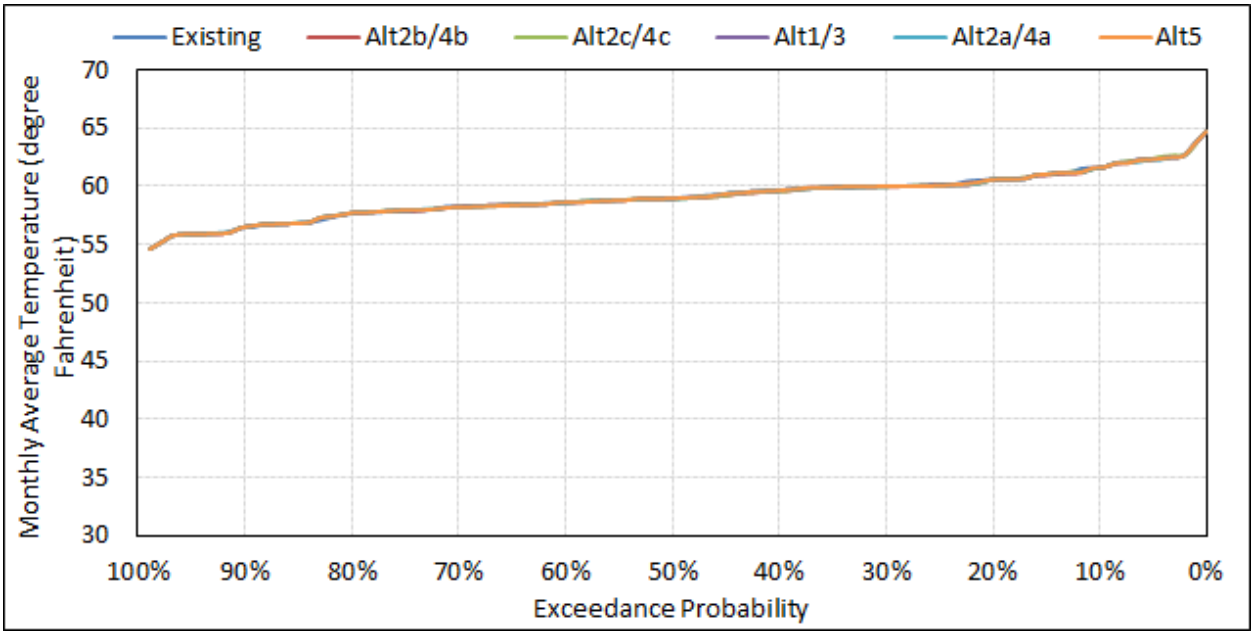


Figure 5A-D1.22.15. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

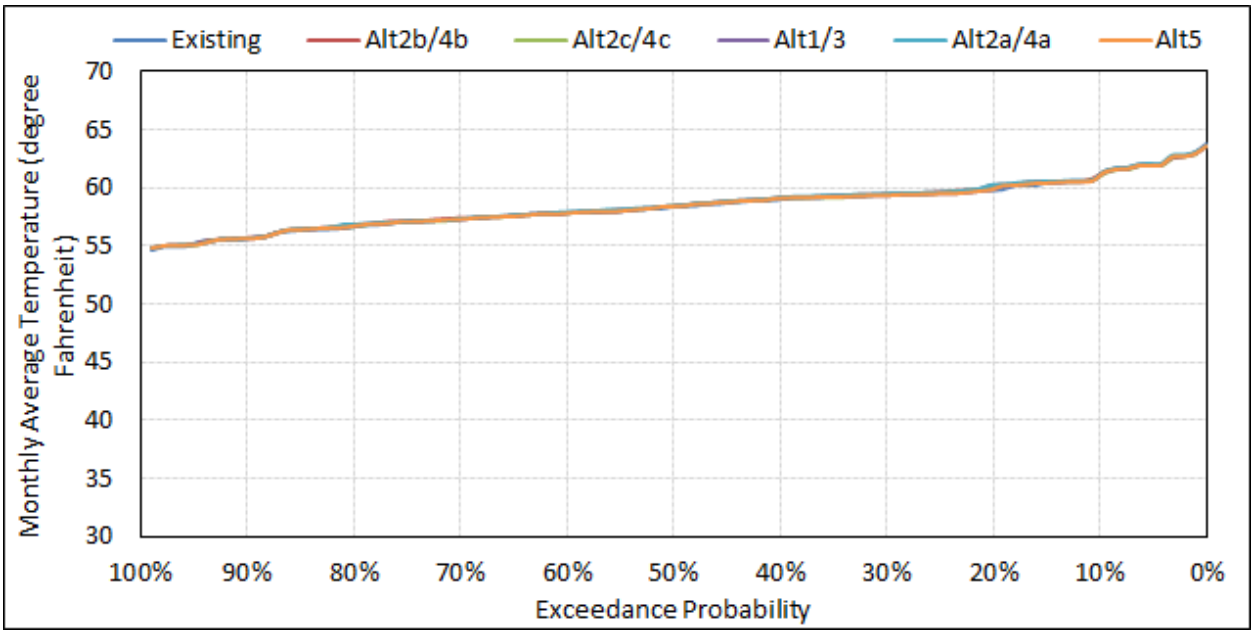


Figure 5A-D1.22.16. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

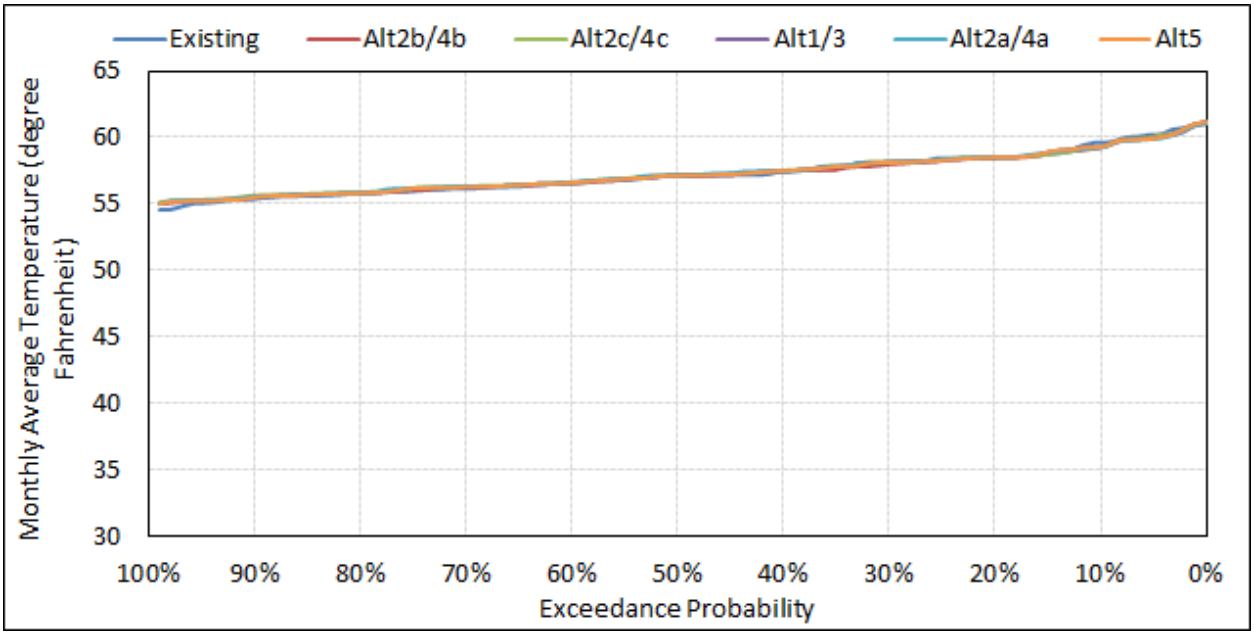


Figure 5A-D1.22.17. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

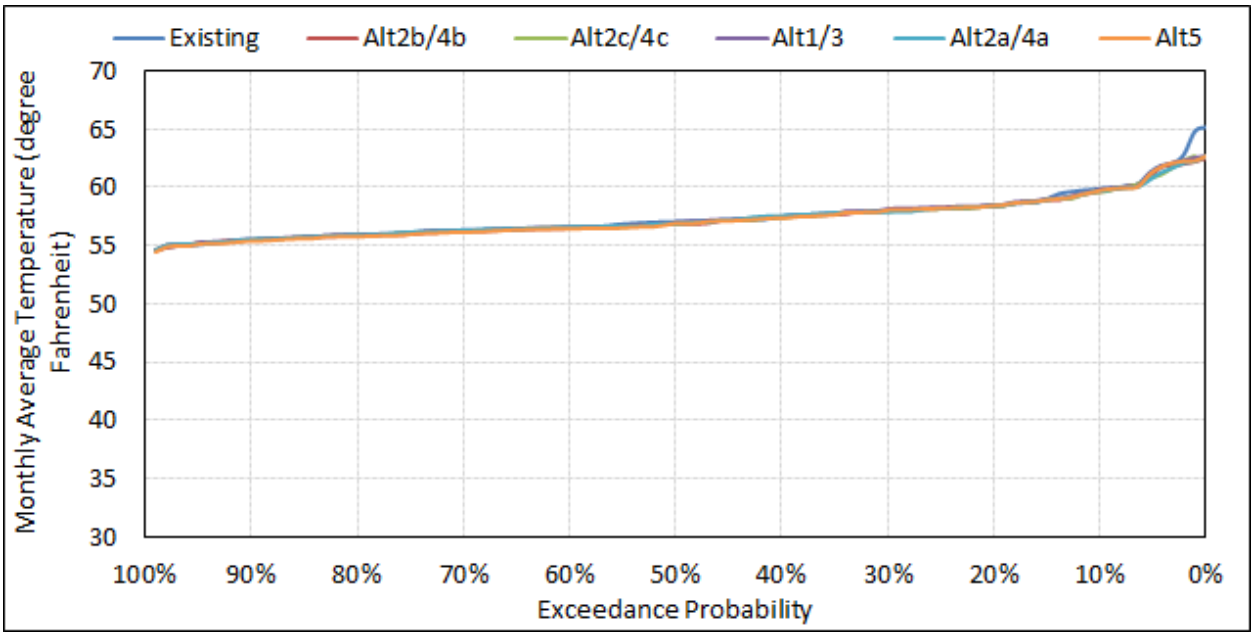


Figure 5A-D1.22.18. Sacramento River at Red Bluff Dam, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

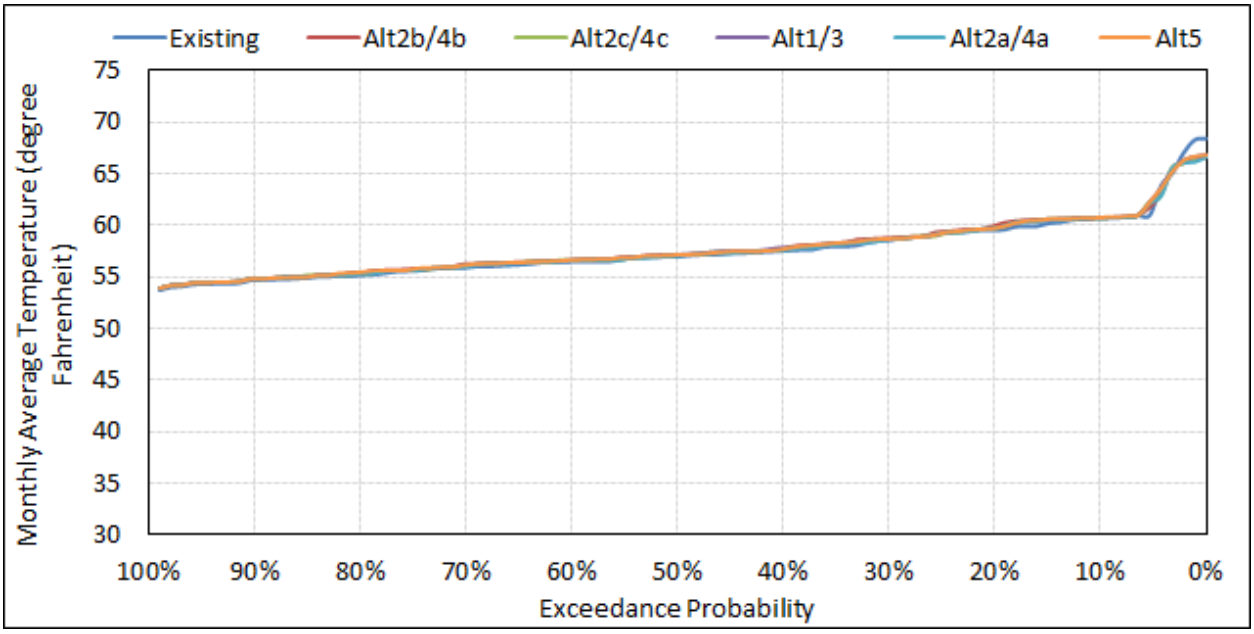
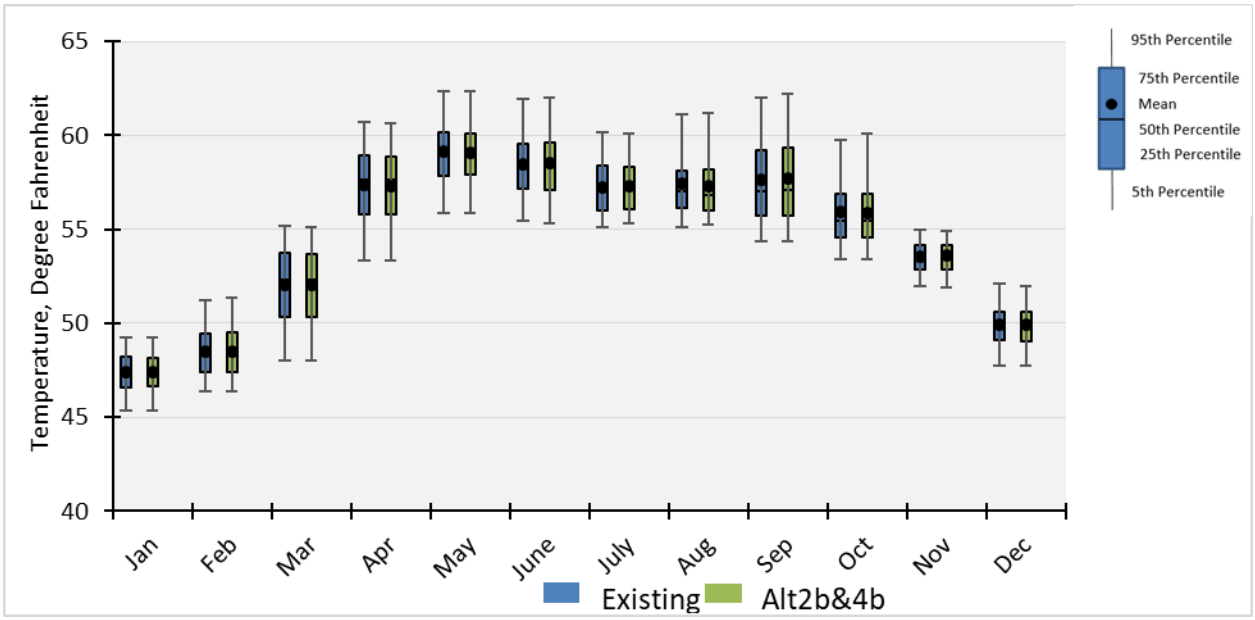


Figure 5A-D1.22.19. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



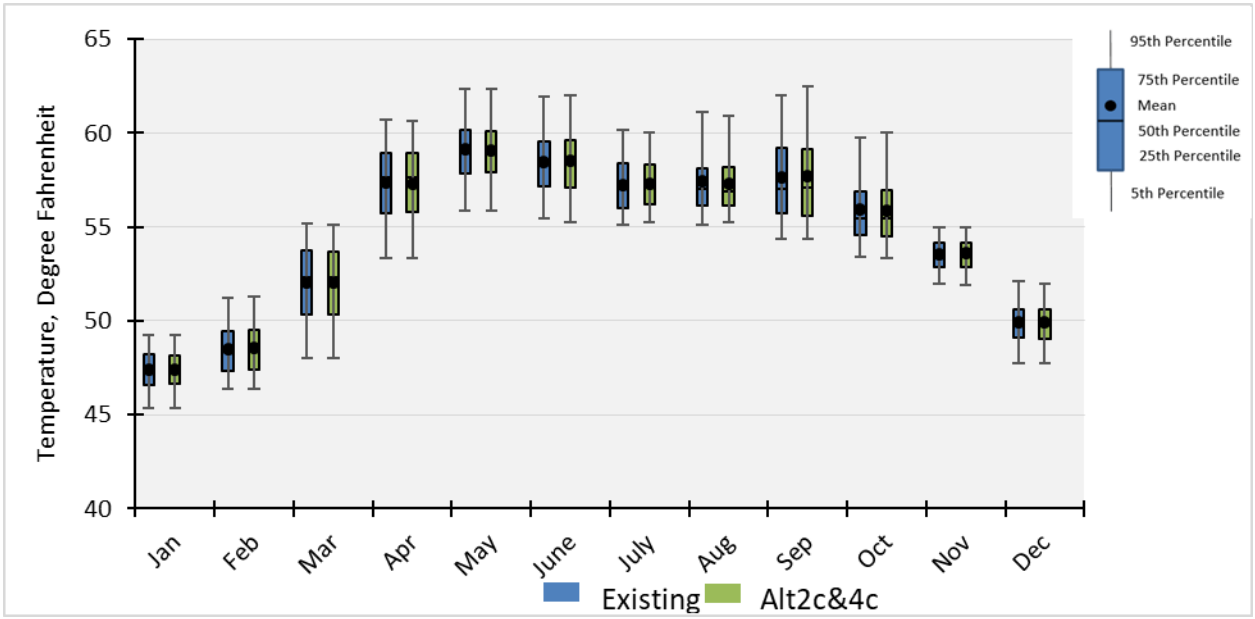
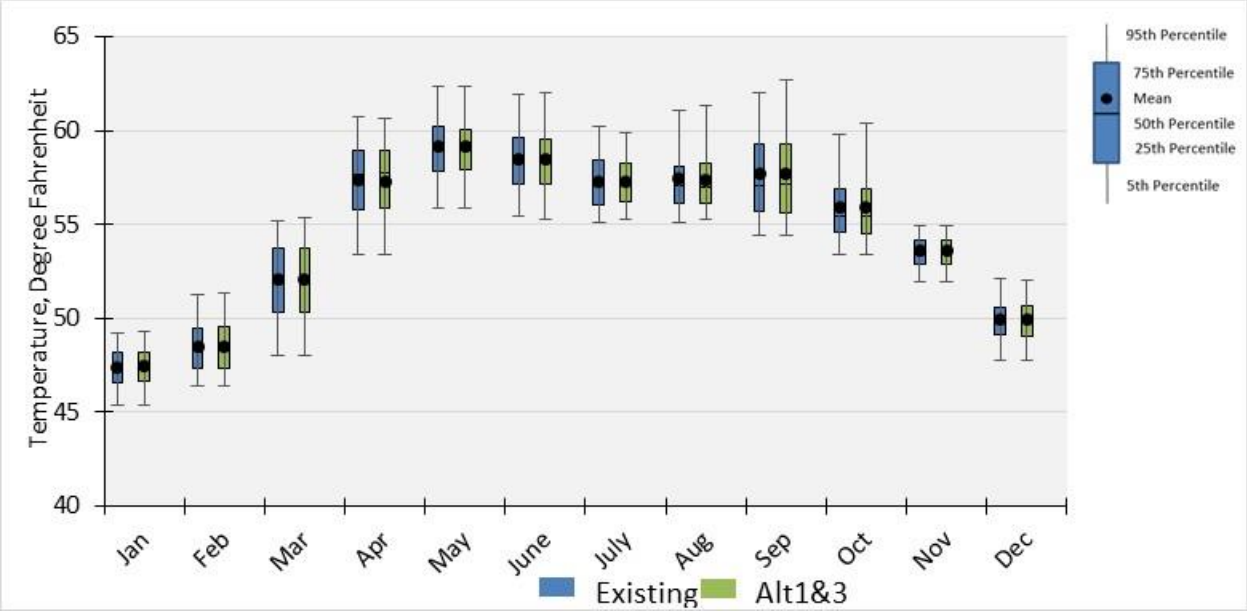


Figure 5A-D1.22.20. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



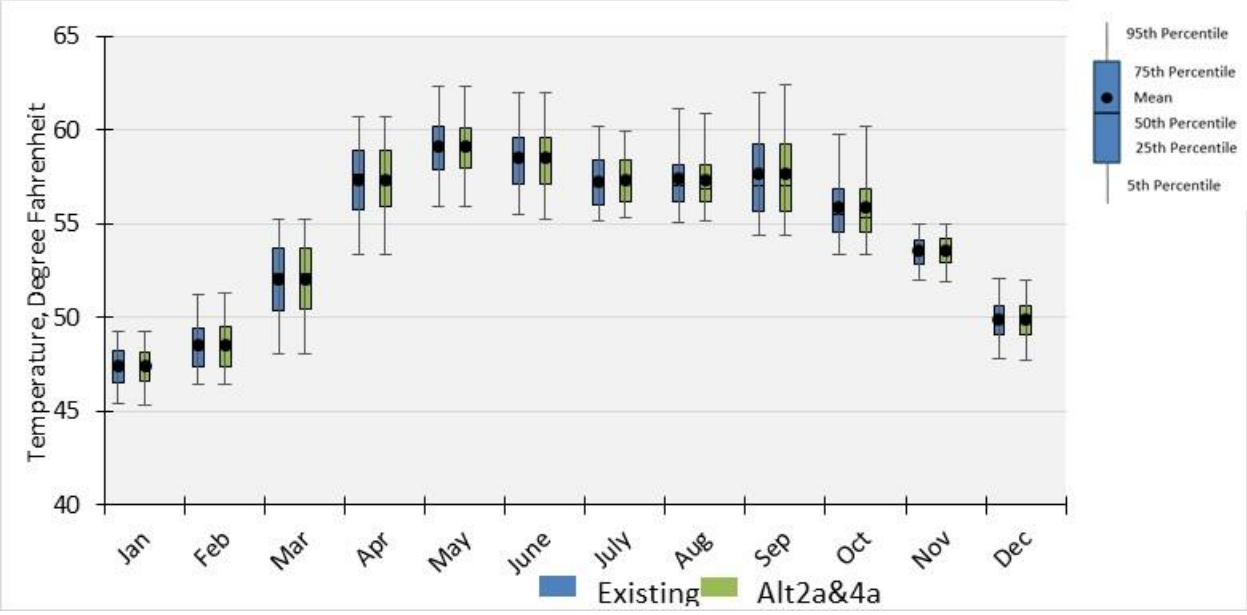


Figure 5A-D1.22.21. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

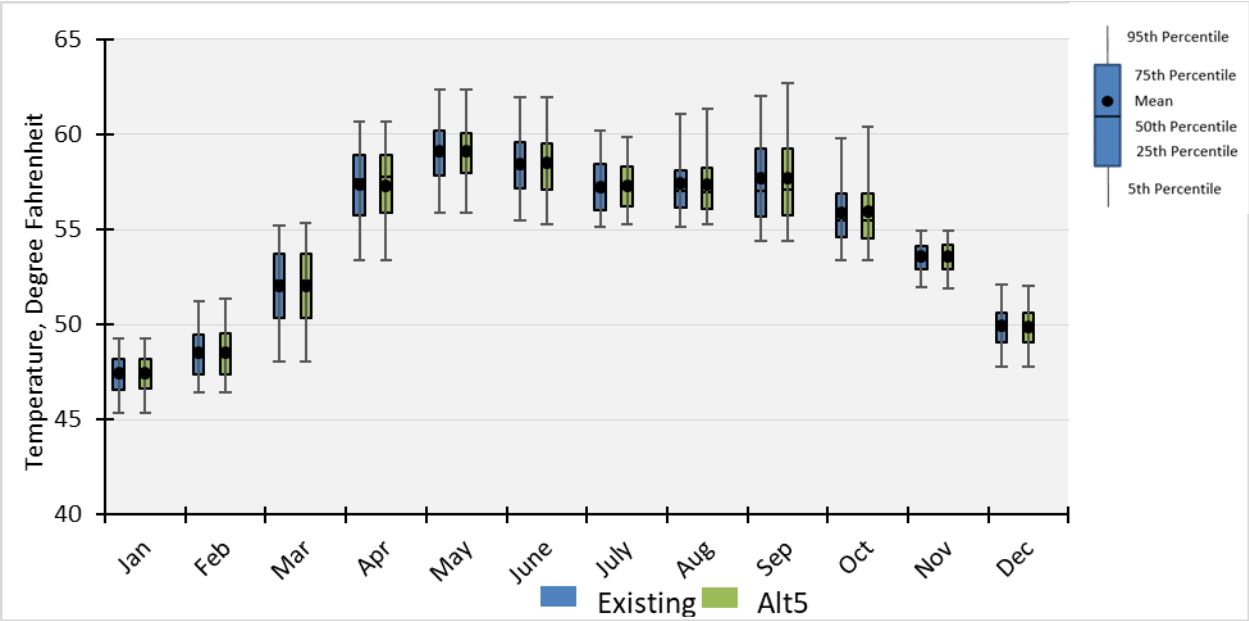
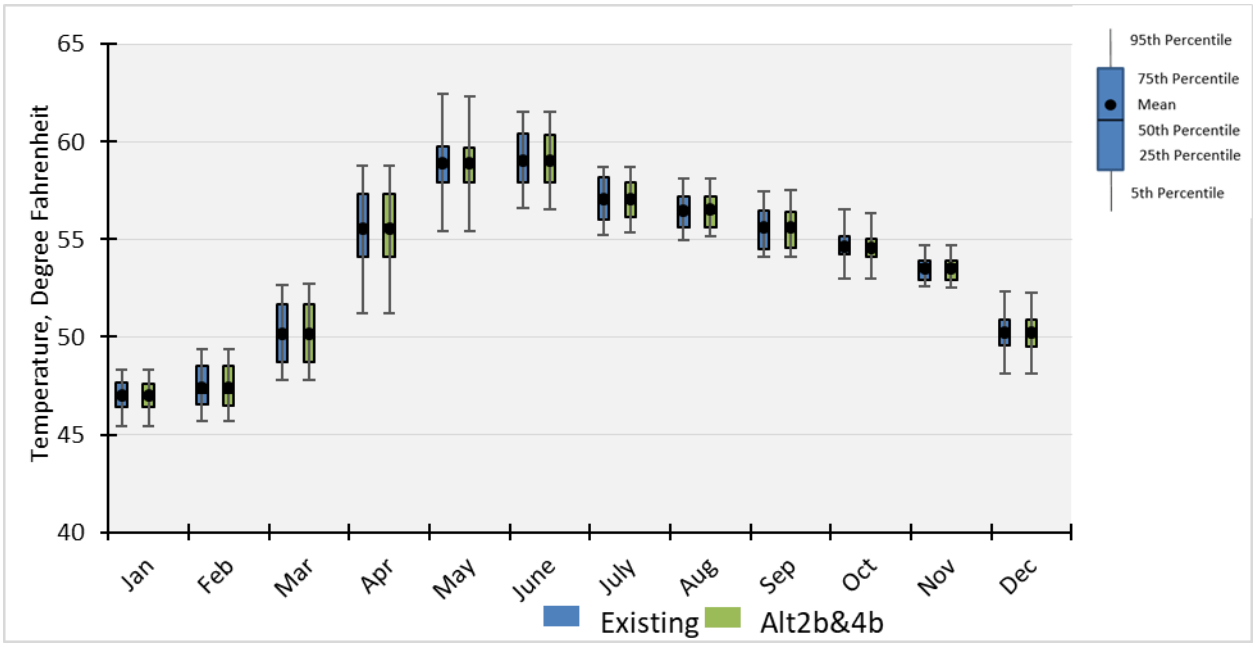


Figure 5A-D1.22.22. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



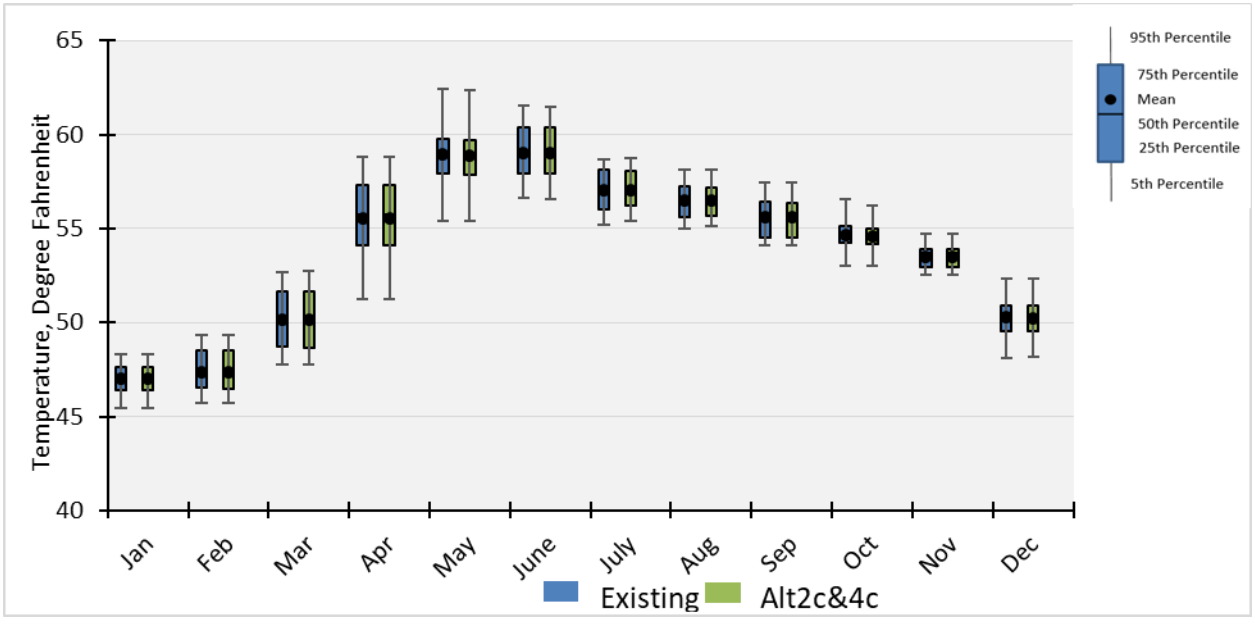
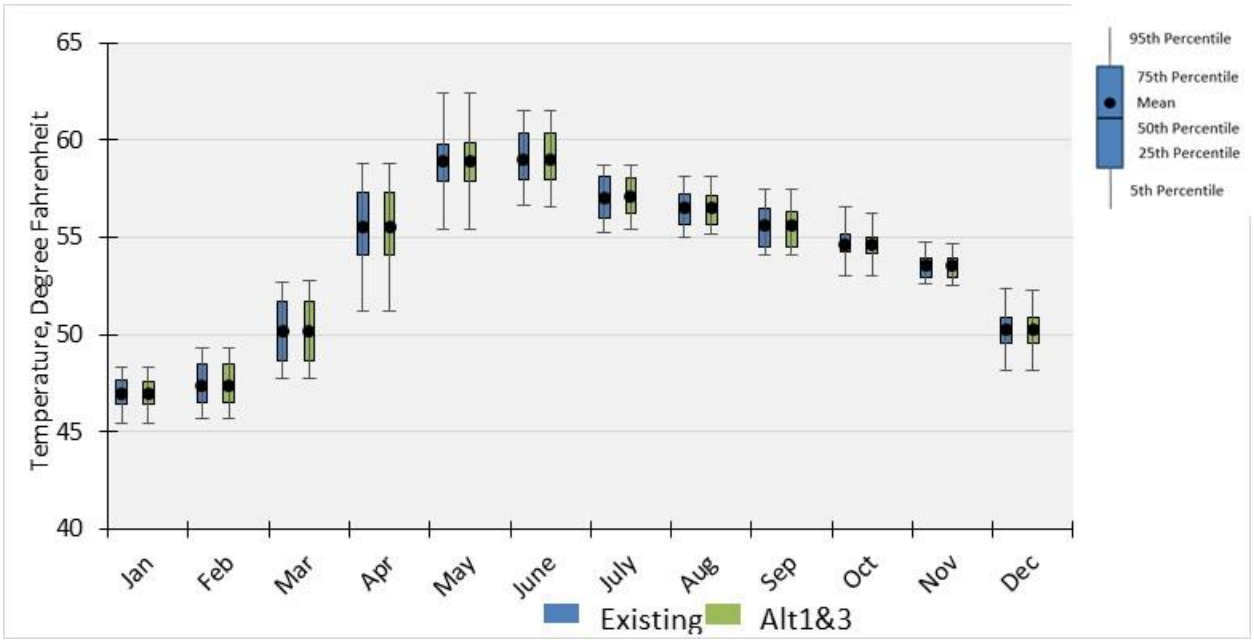


Figure 5A-D1.22.23. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



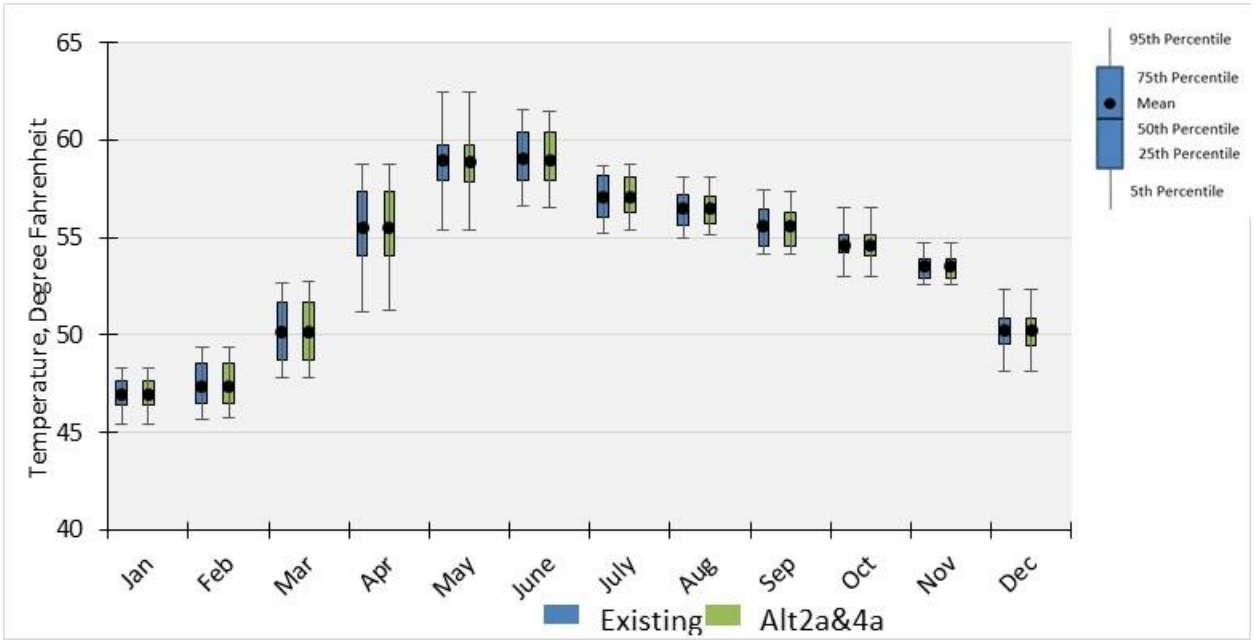


Figure 5A-D1.22.24. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

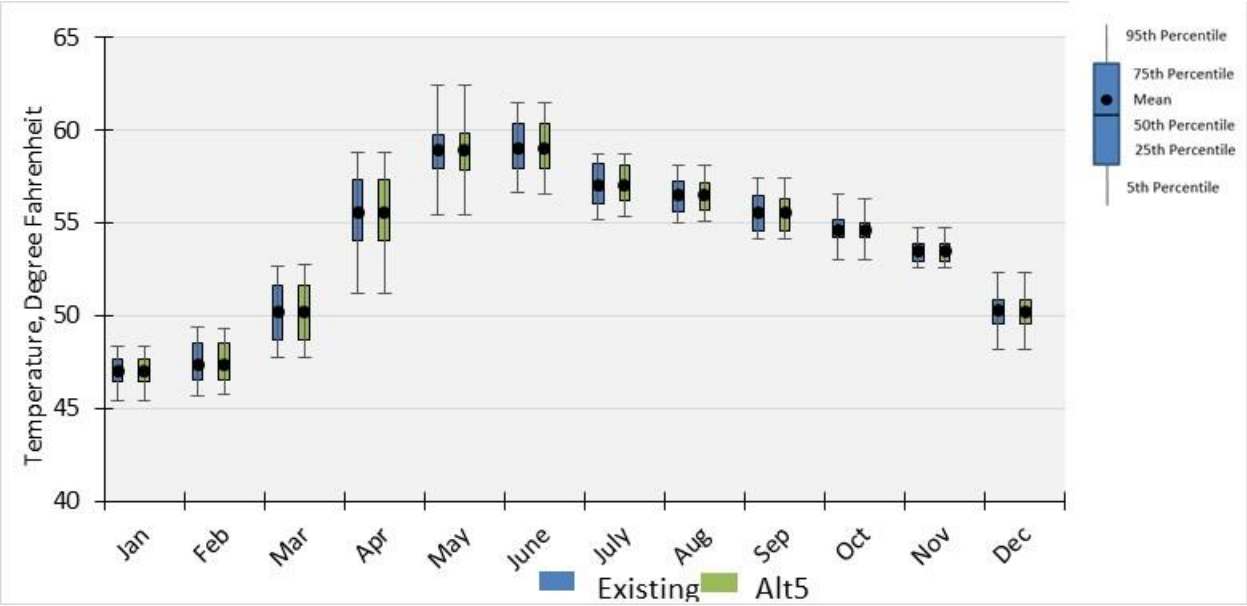
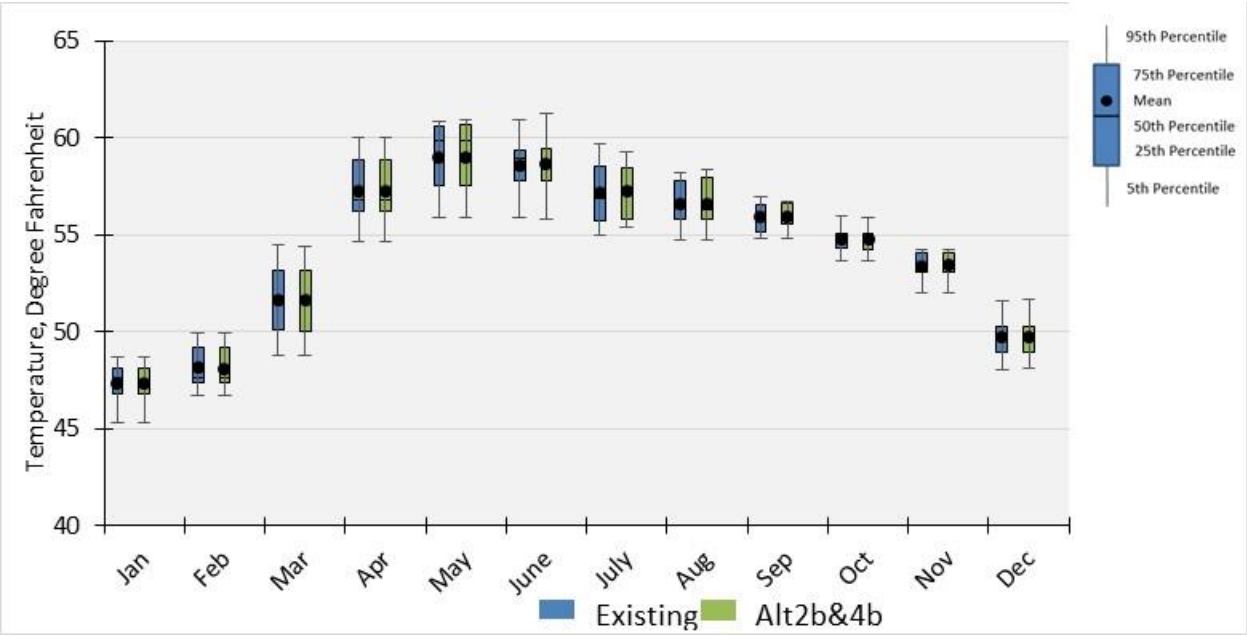


Figure 5A-D1.22.25. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



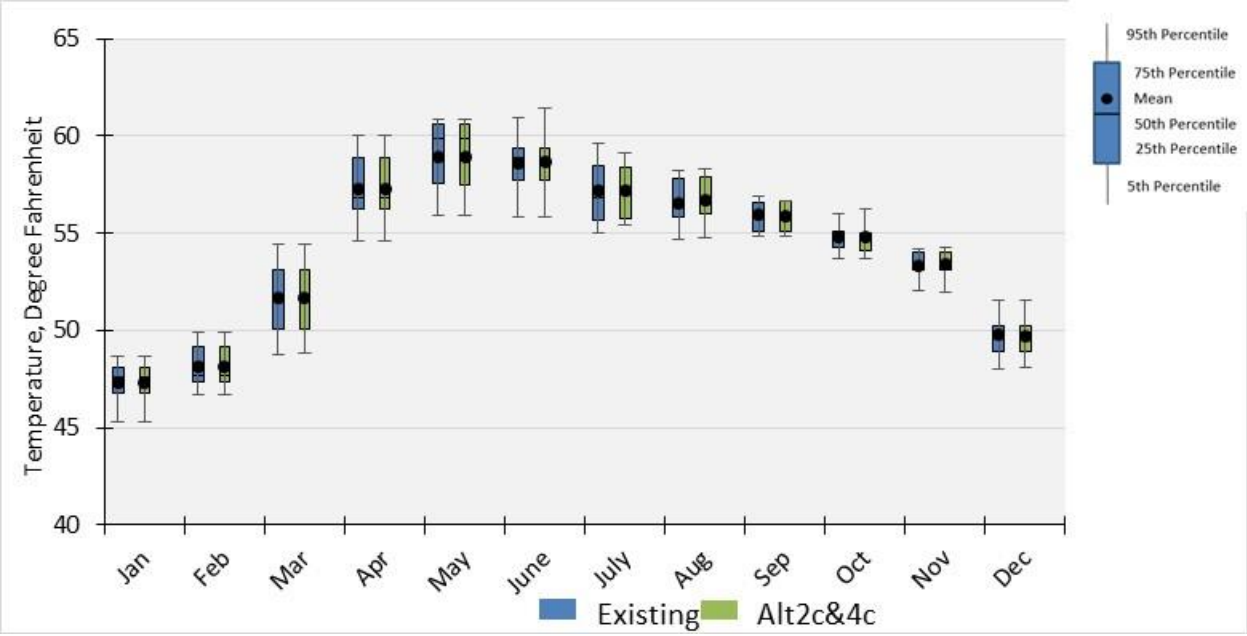
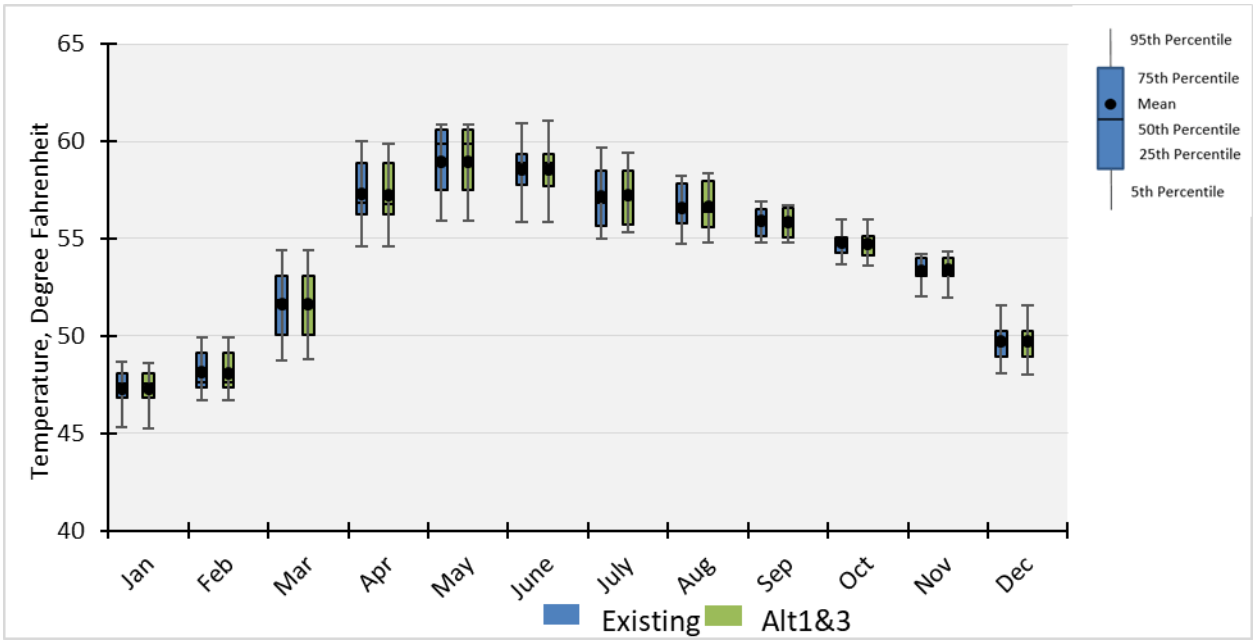


Figure 5A-D1.22.26. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



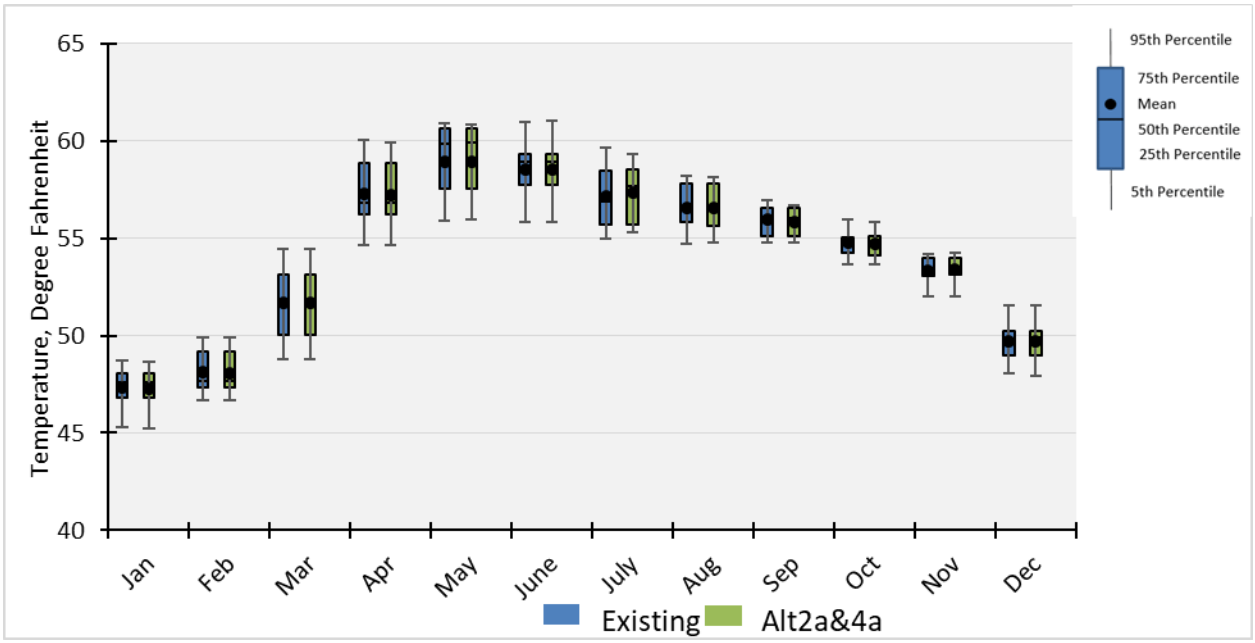


Figure 5A-D1.22.27. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

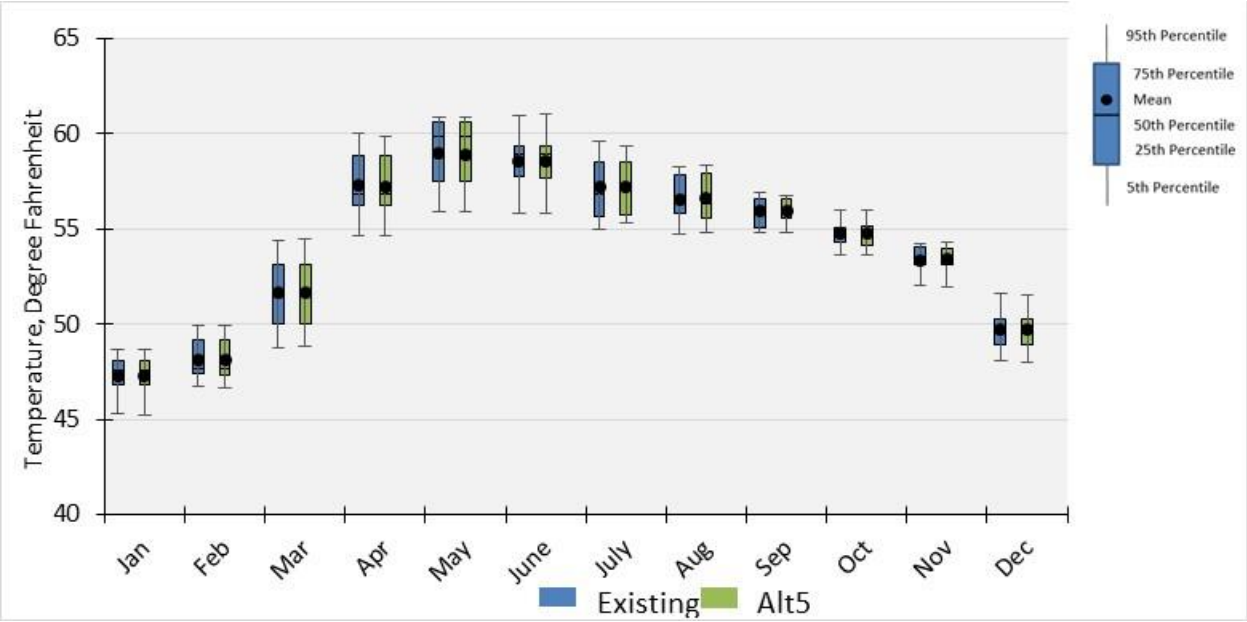
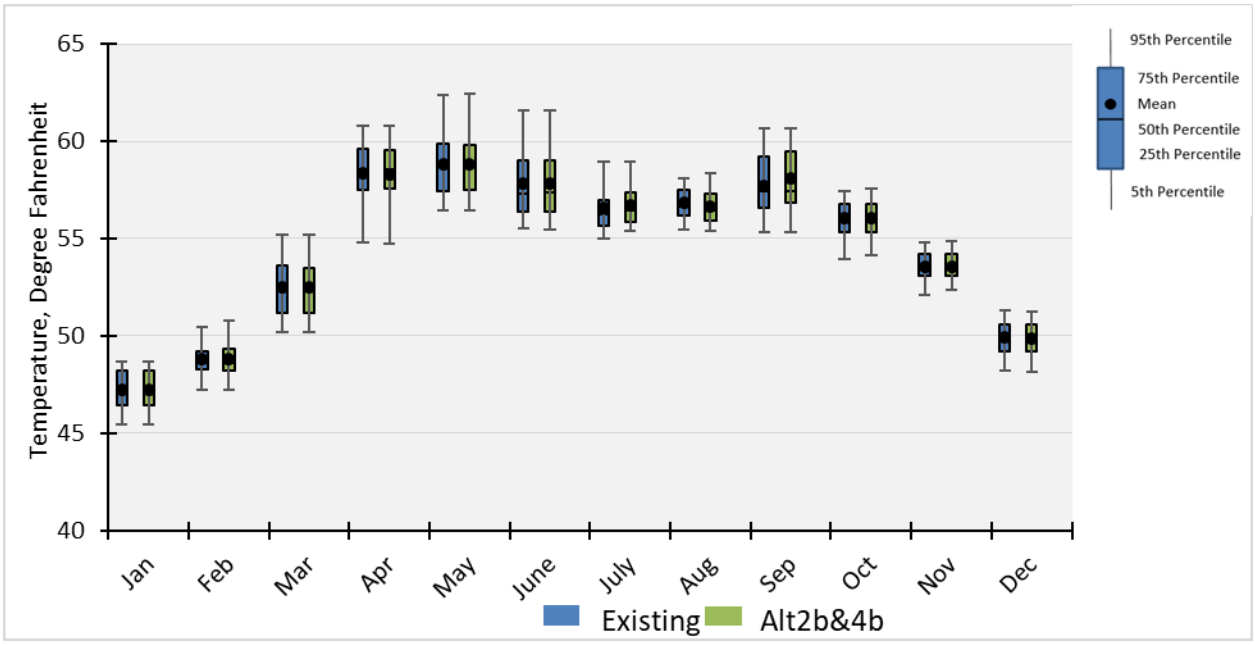


Figure 5A-D1.22.28. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



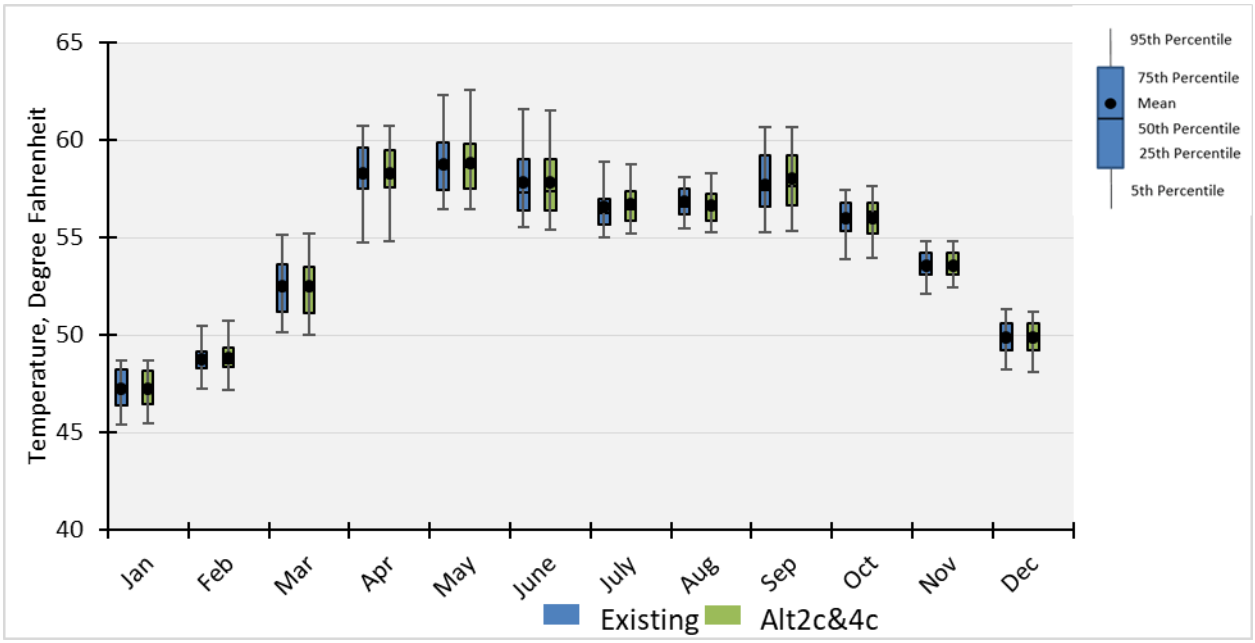
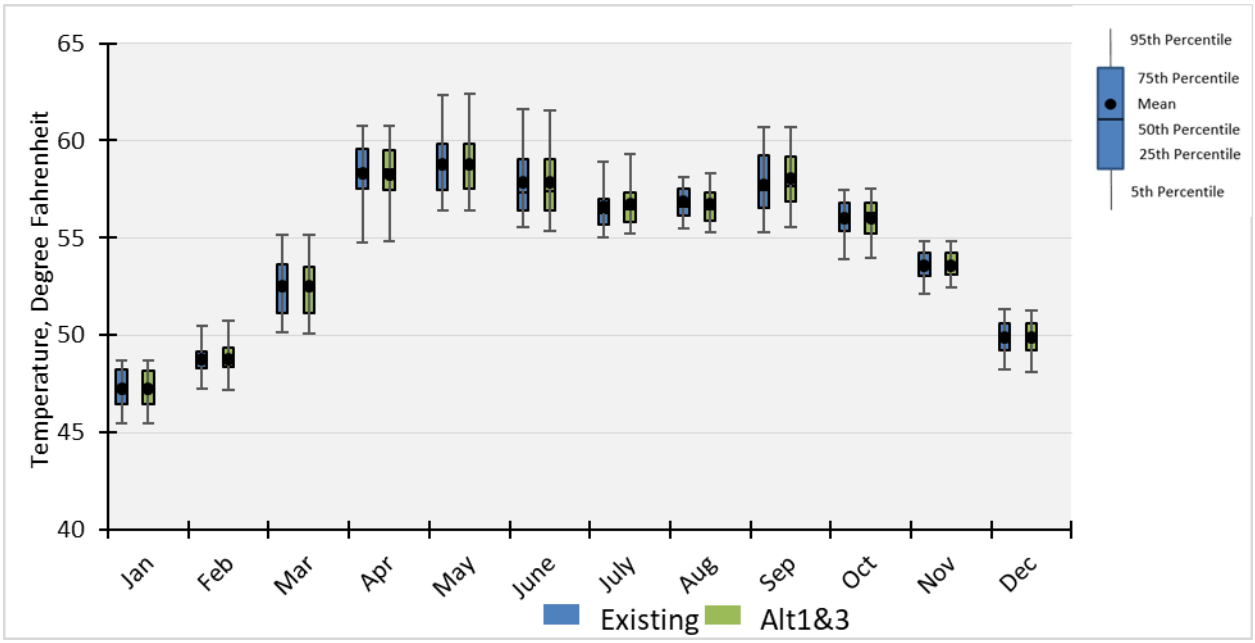


Figure 5A-D1.22.29. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



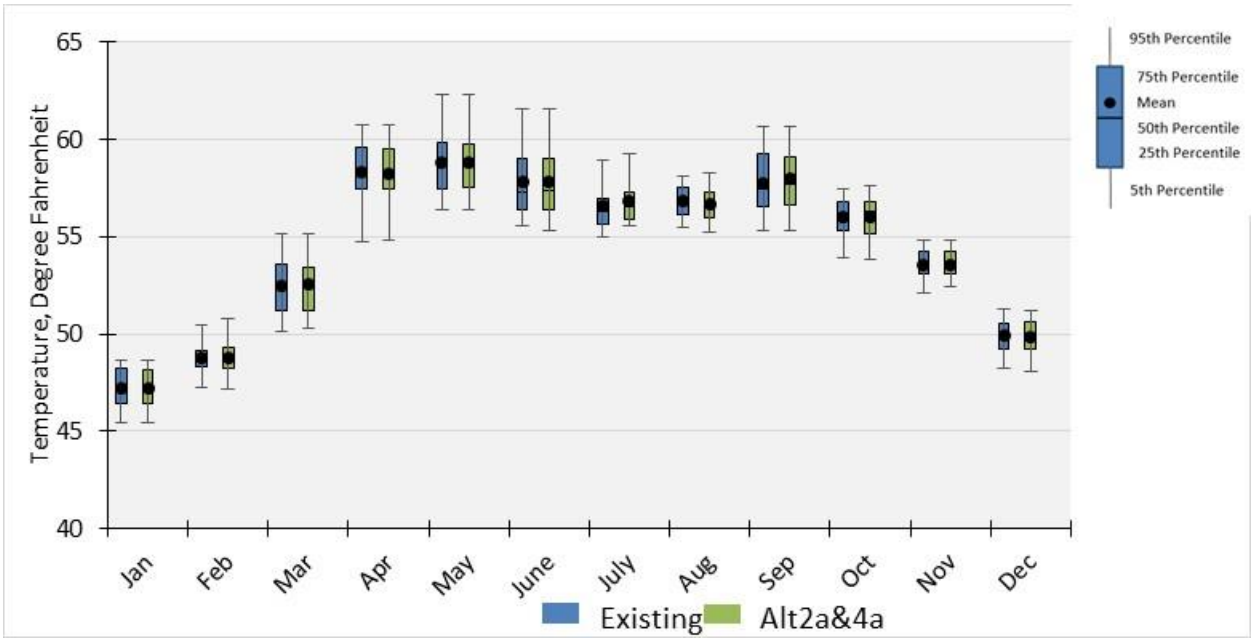


Figure 5A-D1.22.30. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

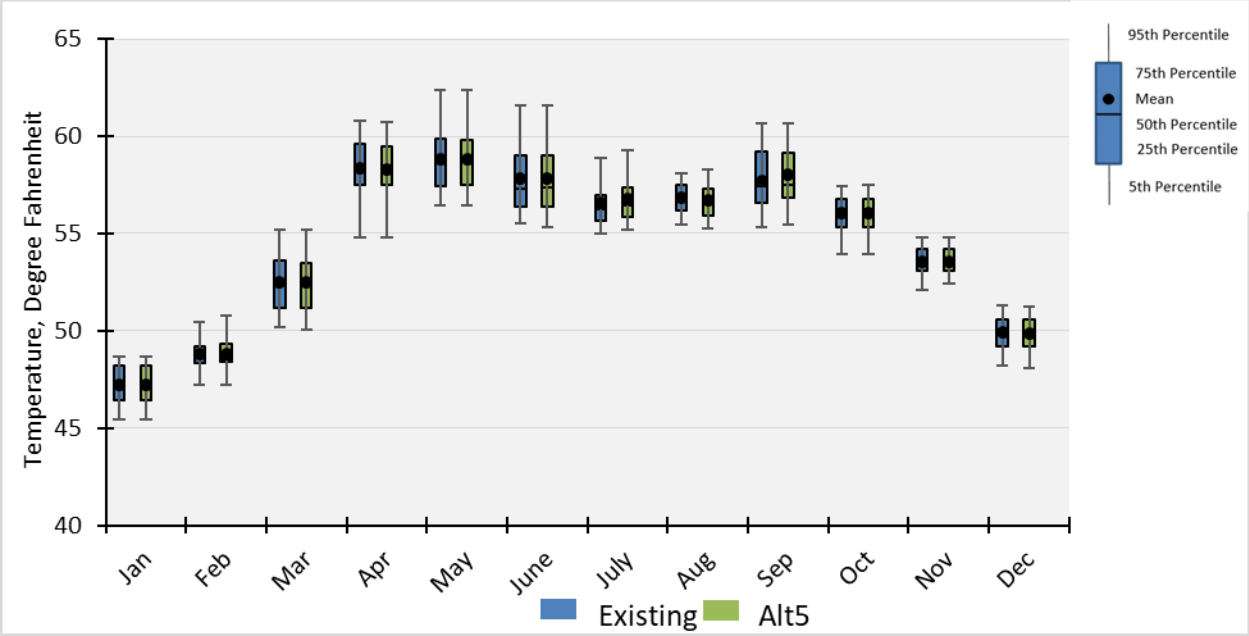
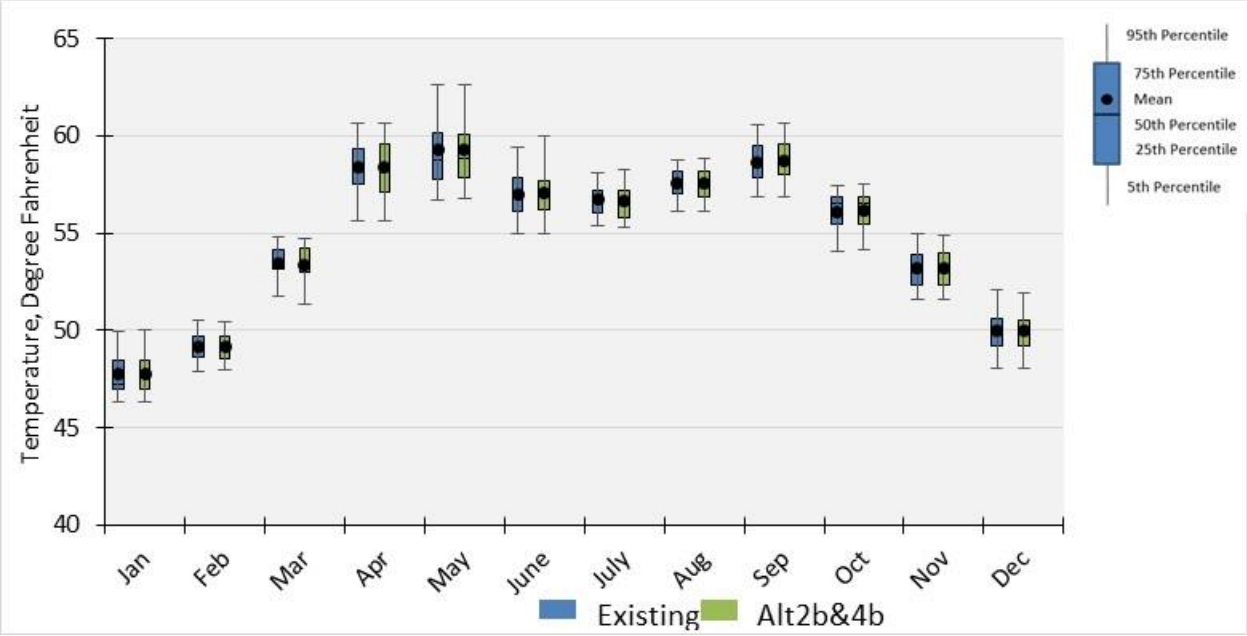


Figure 5A-D1.22.31. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



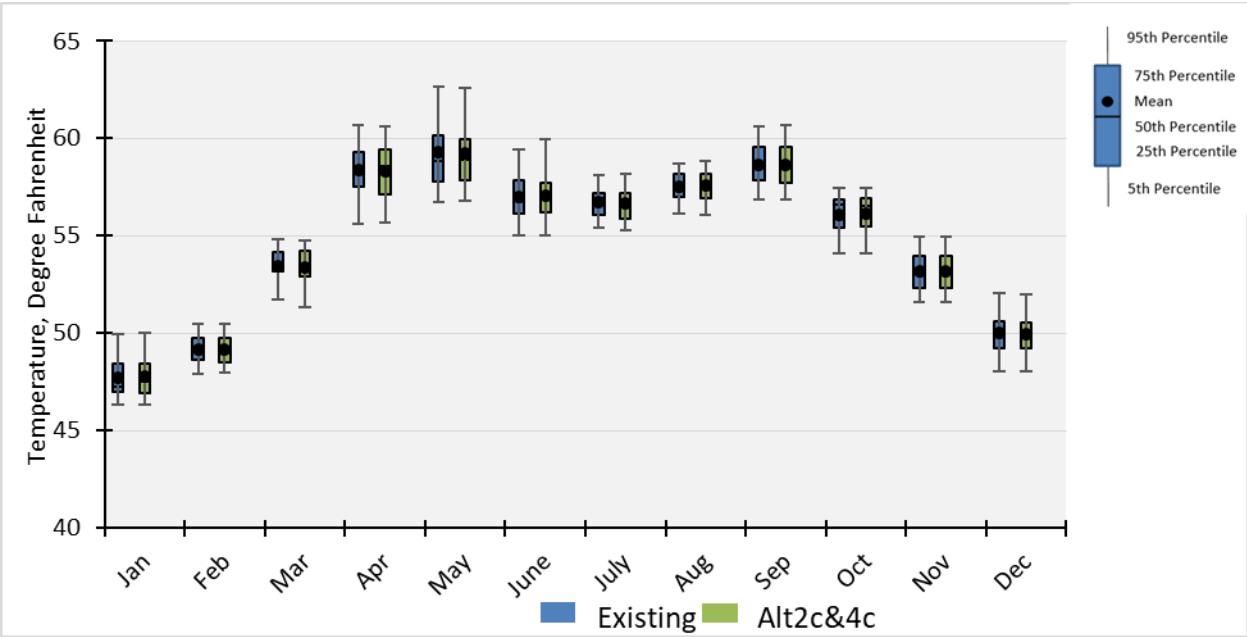
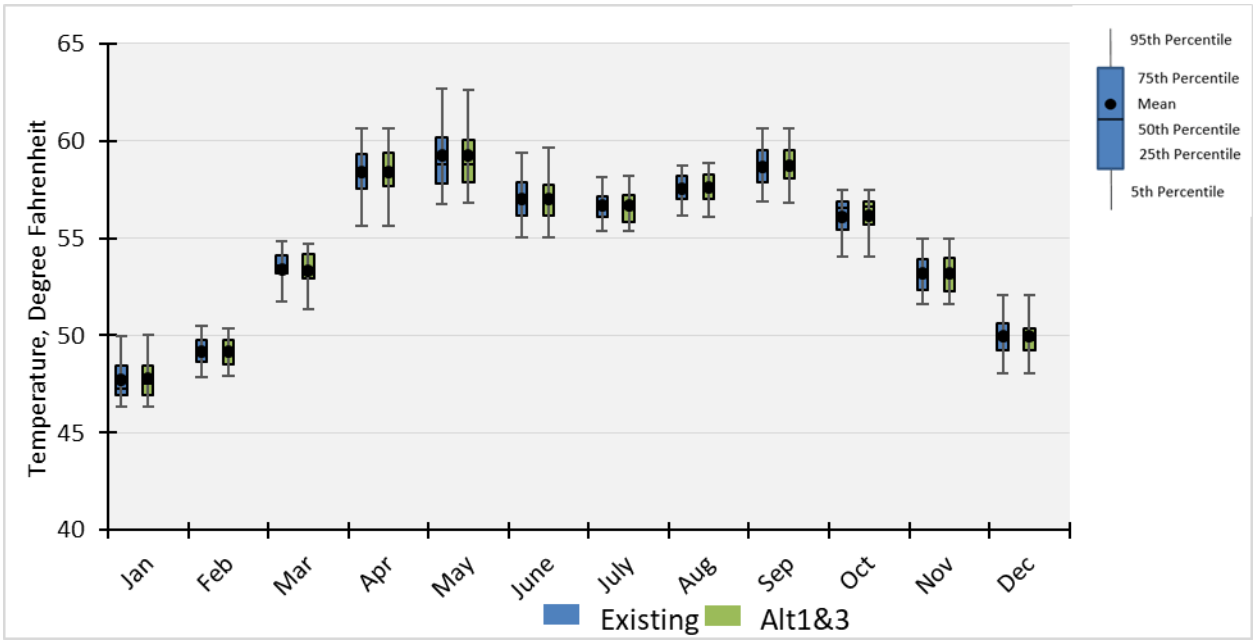


Figure 5A-D1.22.32. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



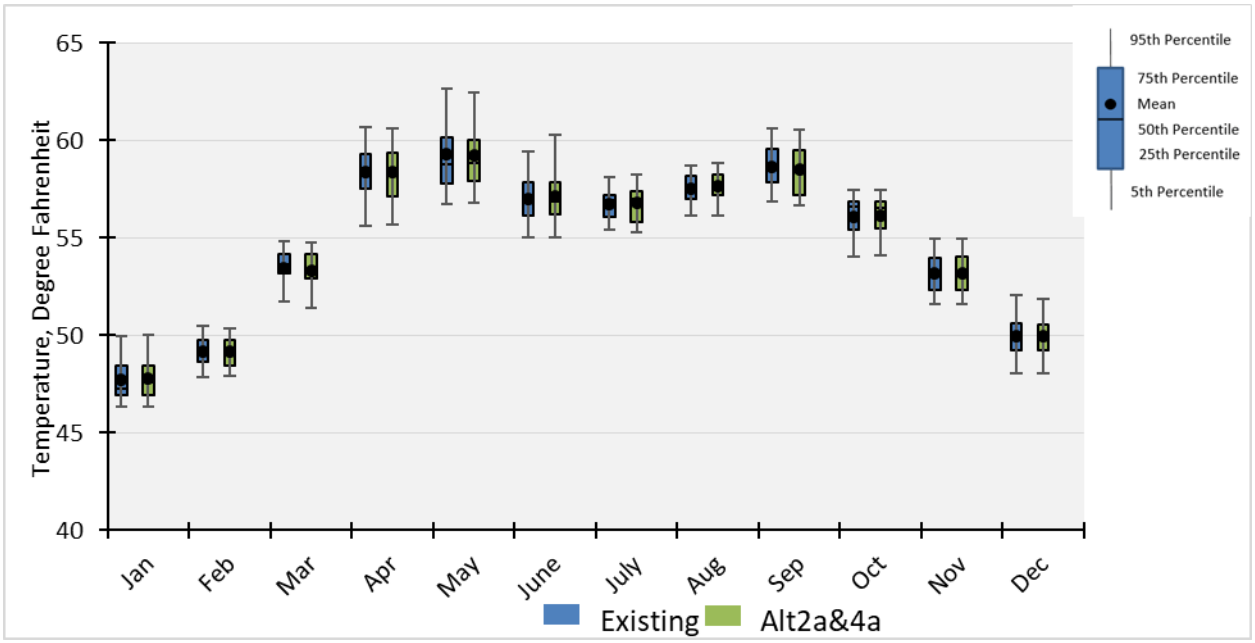


Figure 5A-D1.22.33. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

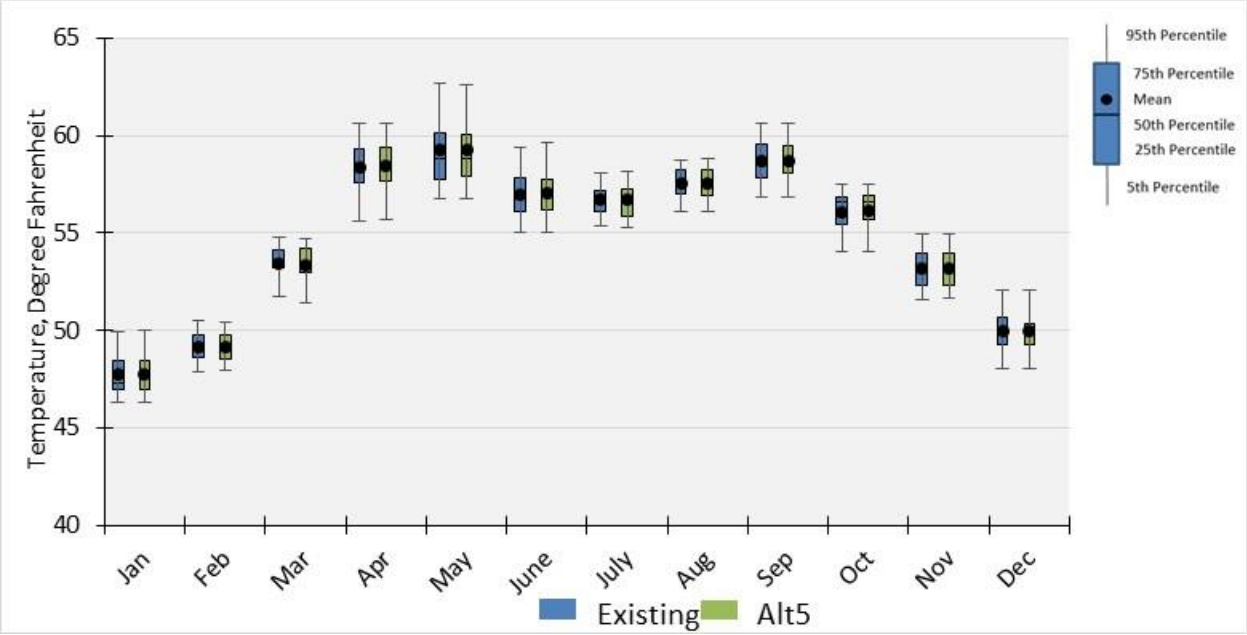
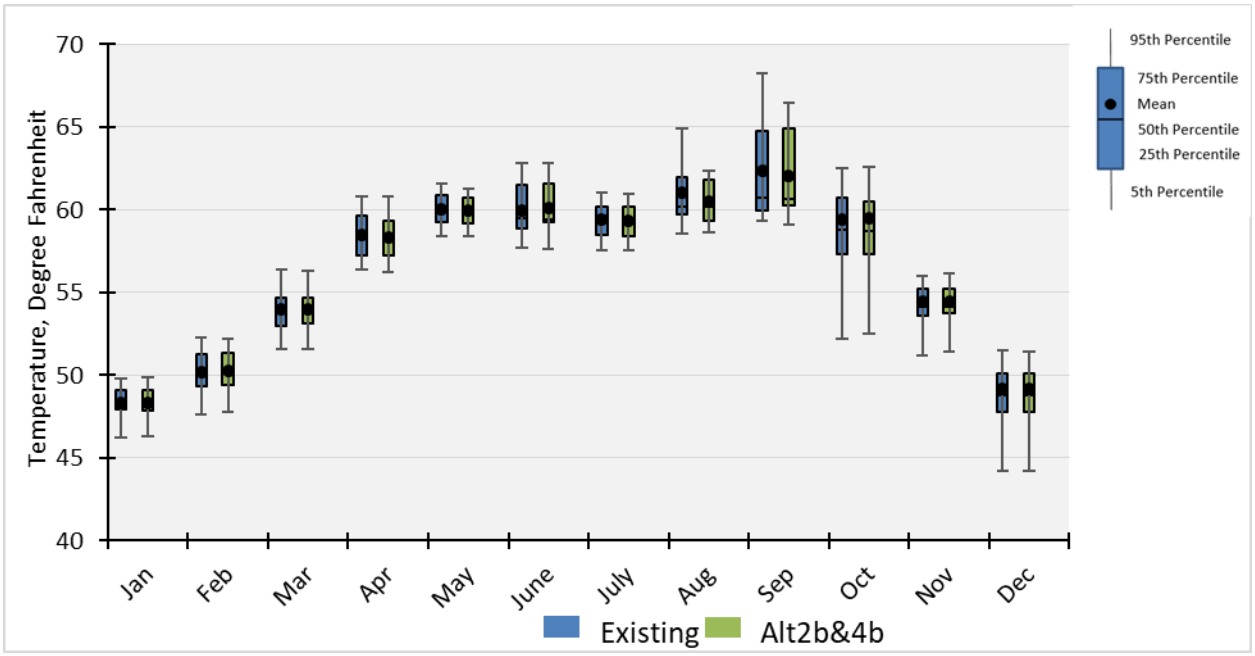


Figure 5A-D1.22.34. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



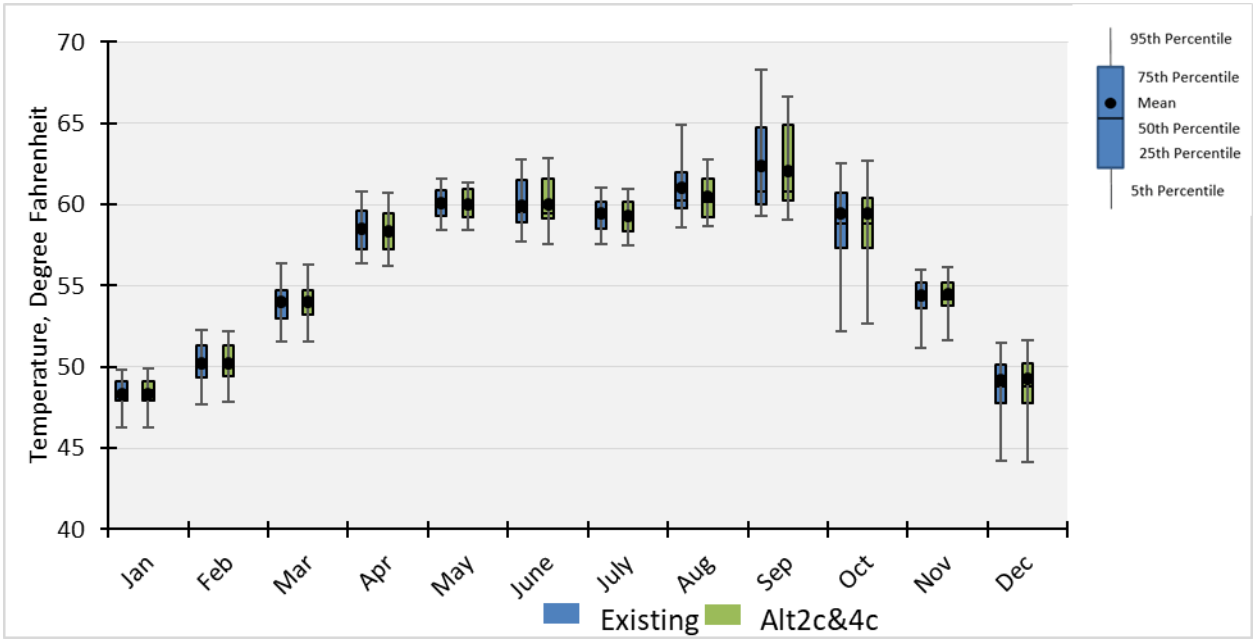
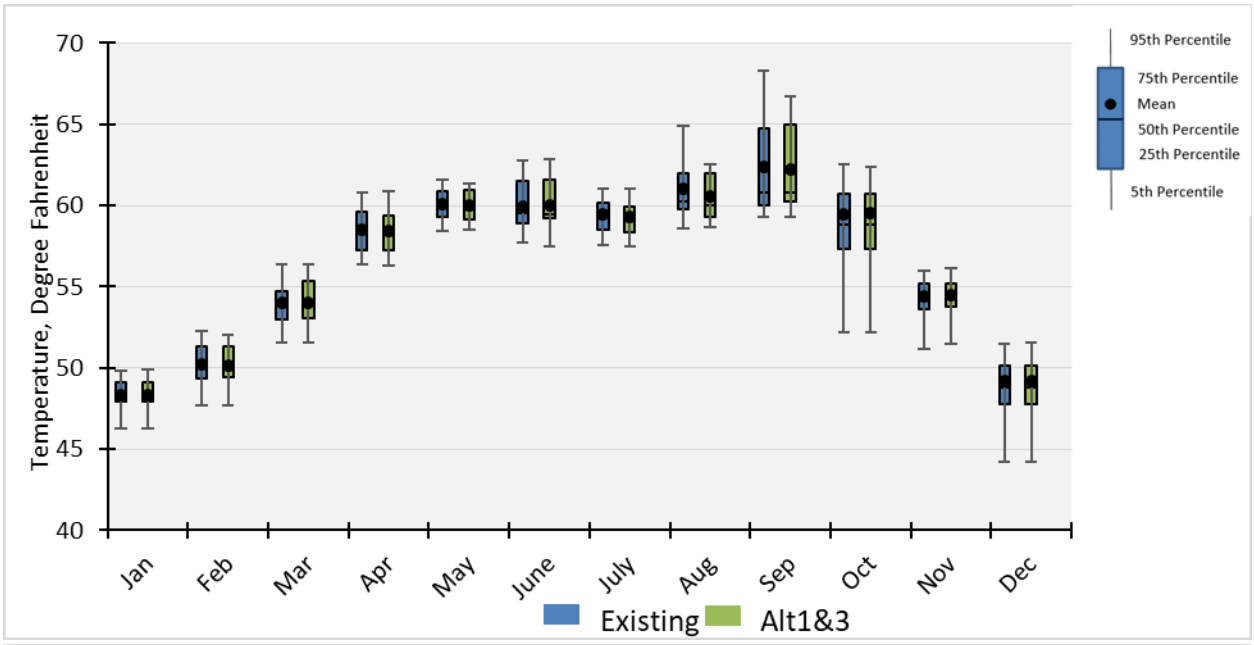


Figure 5A-D1.22.35. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



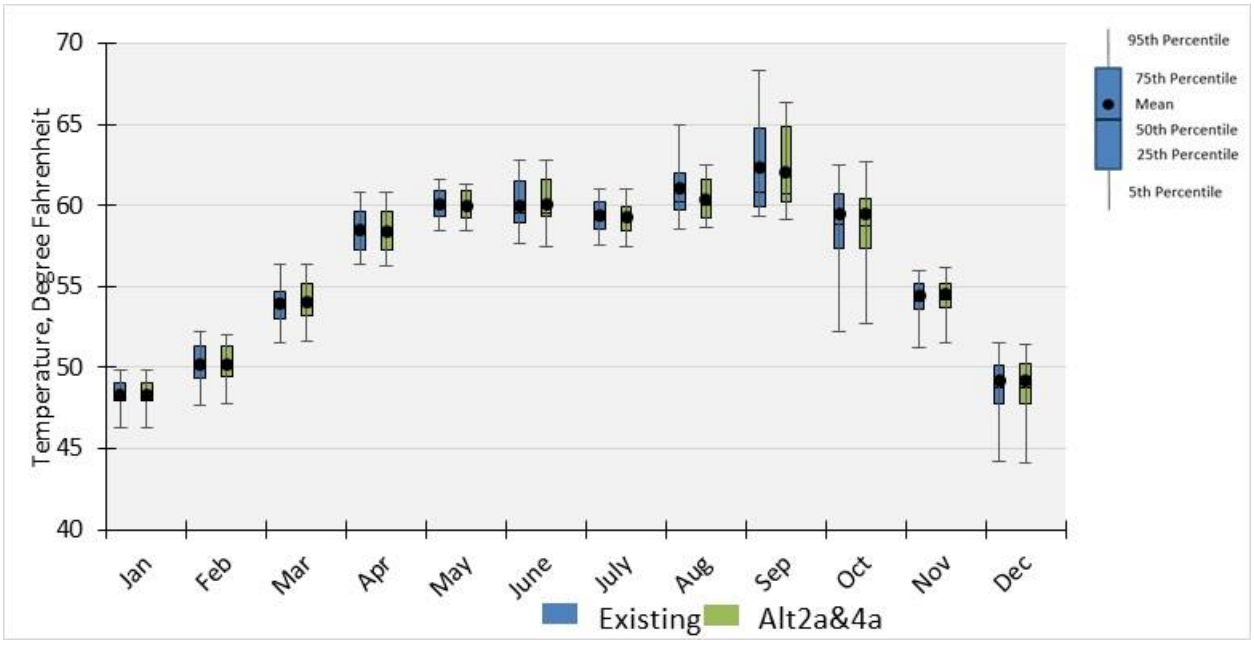


Figure 5A-D1.22.36. Sacramento River at Red Bluff Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

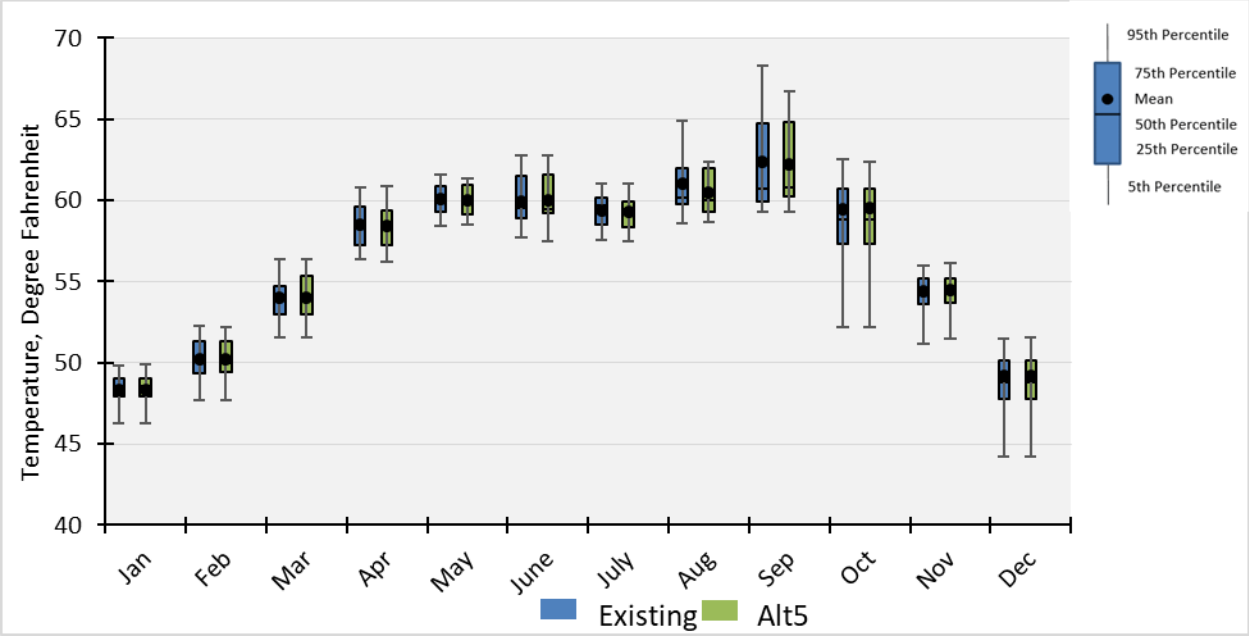
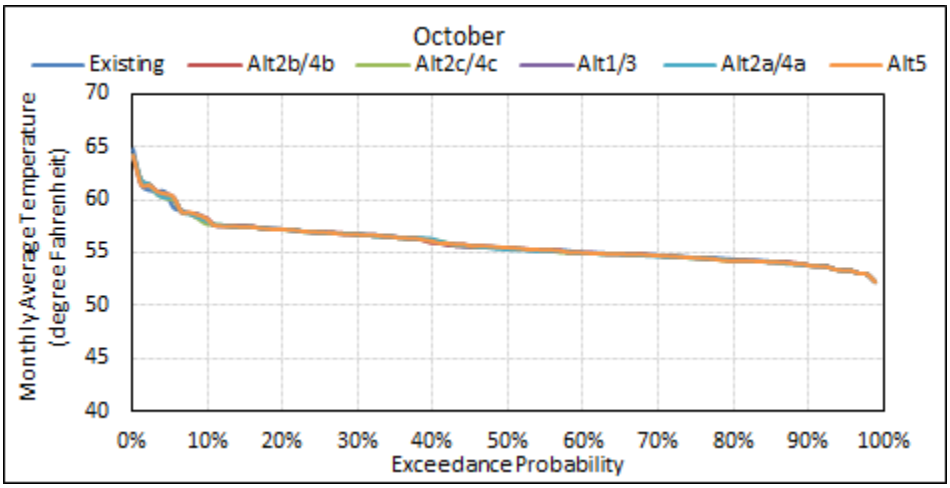
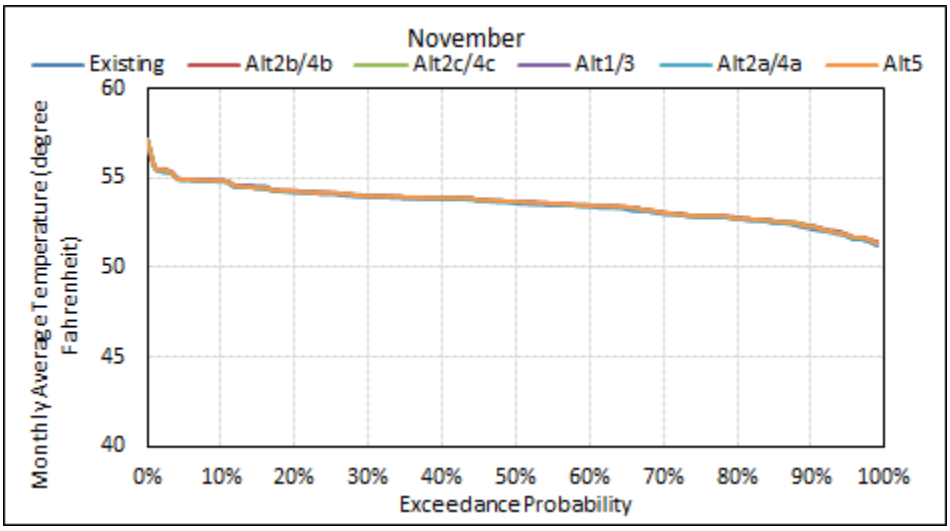


Figure 5A-D1.22.37-A. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





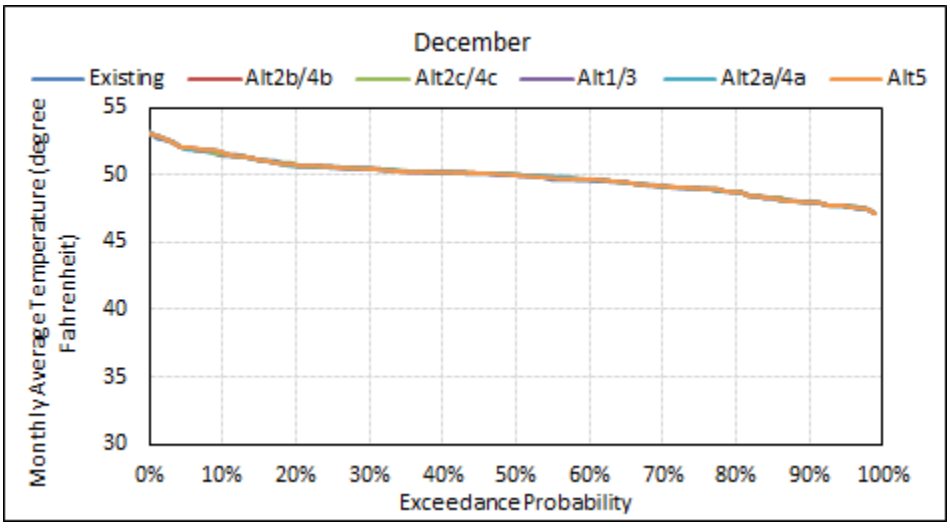
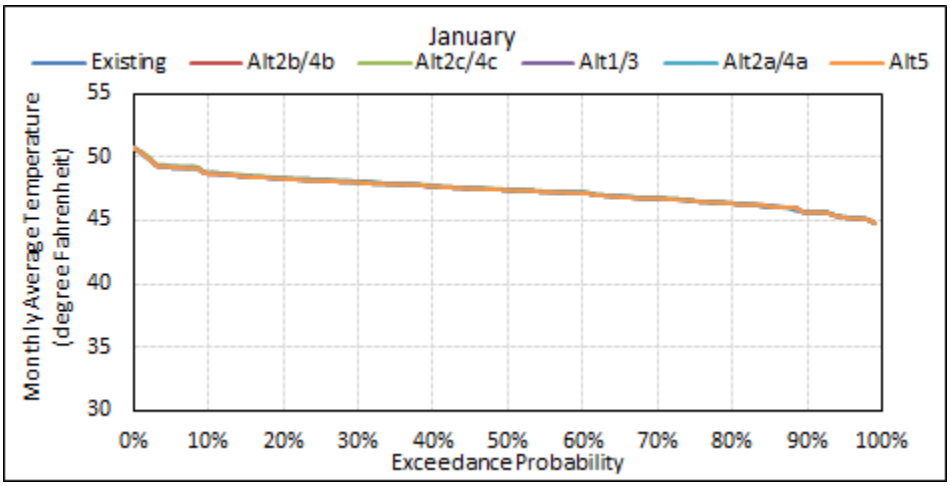
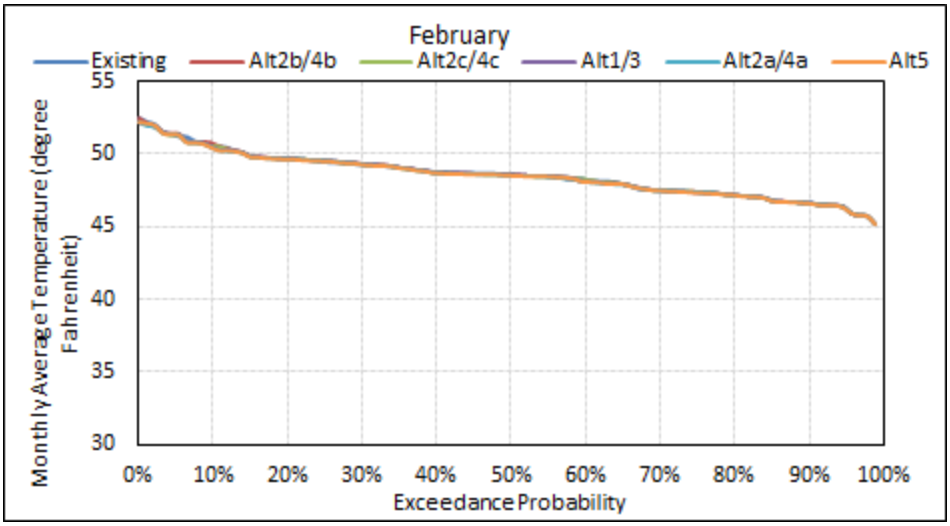


Figure 5A-D1.22.37-B. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





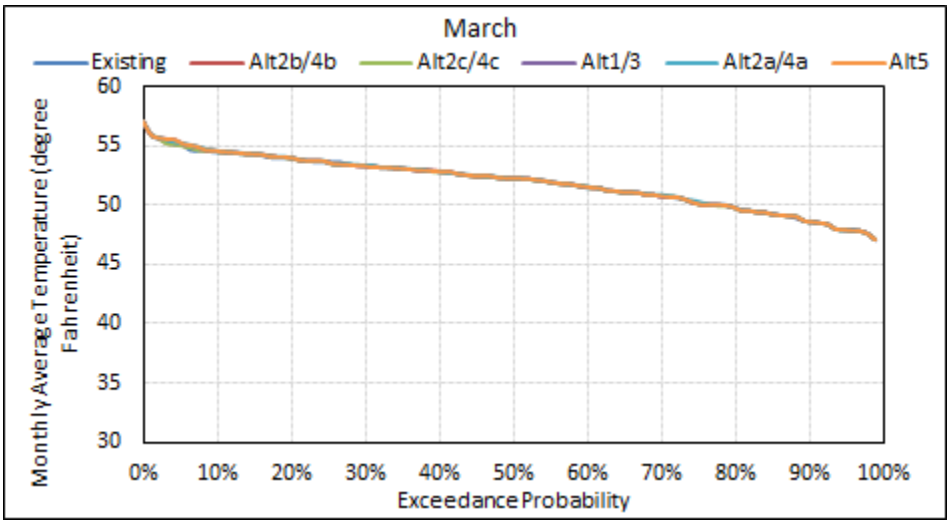
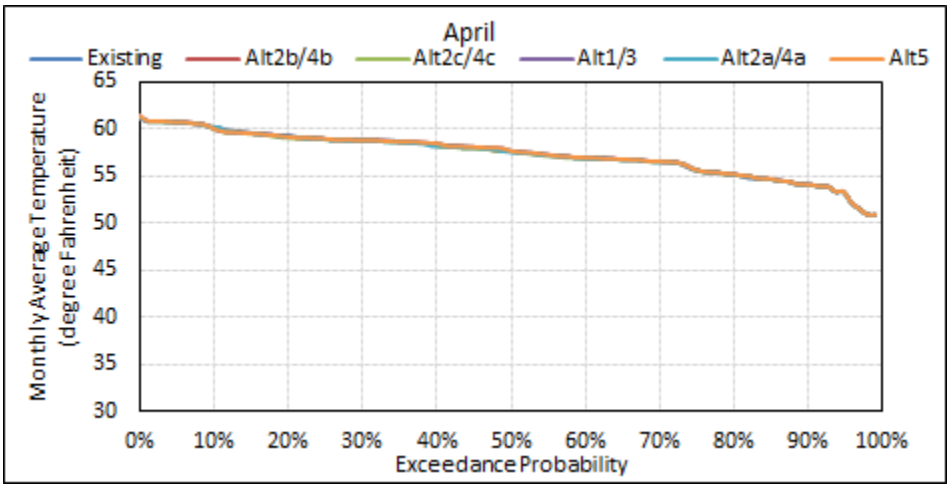
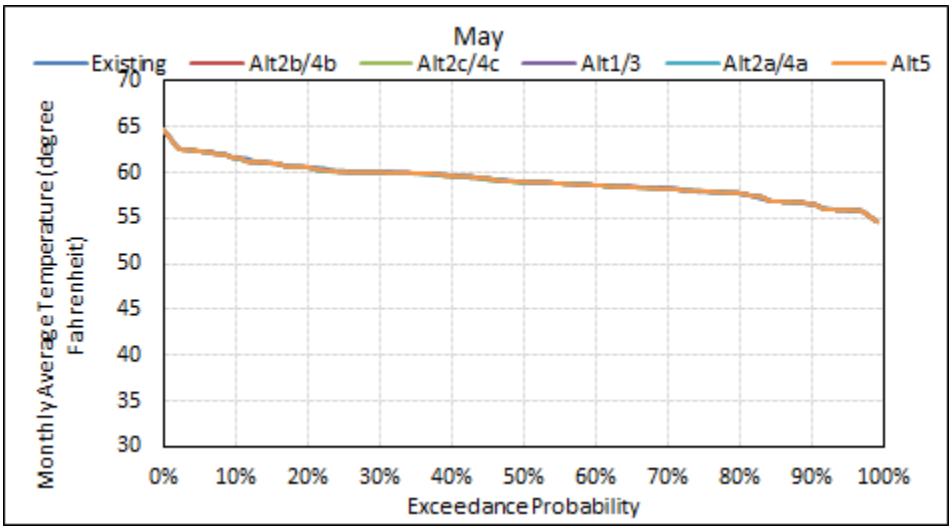


Figure 5A-D1.22.37-C. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





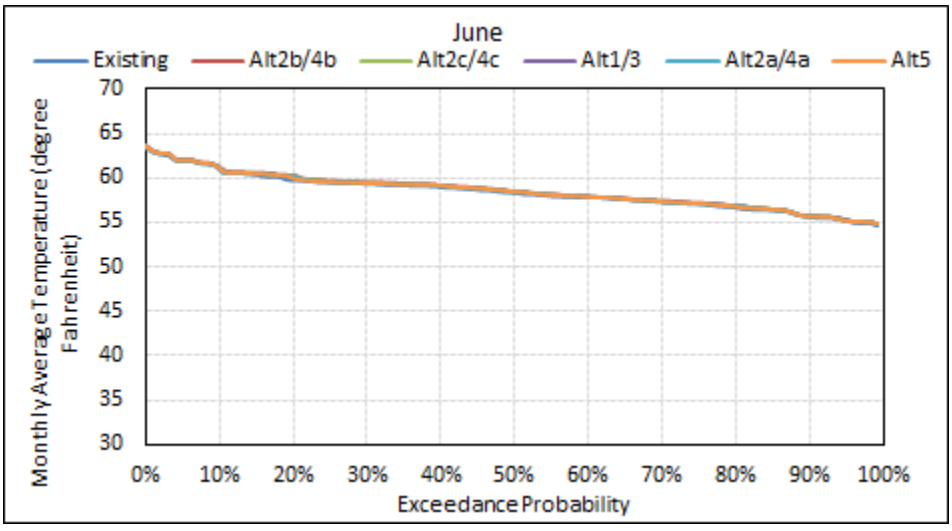
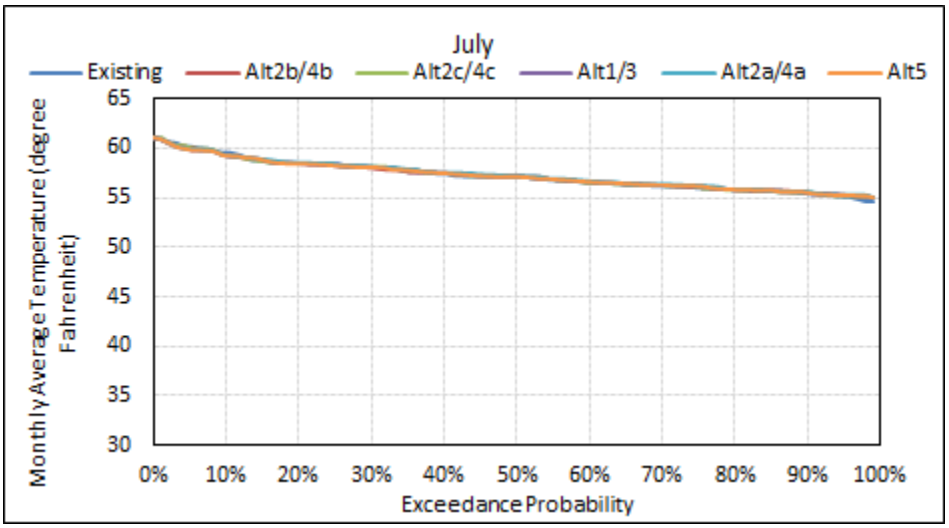
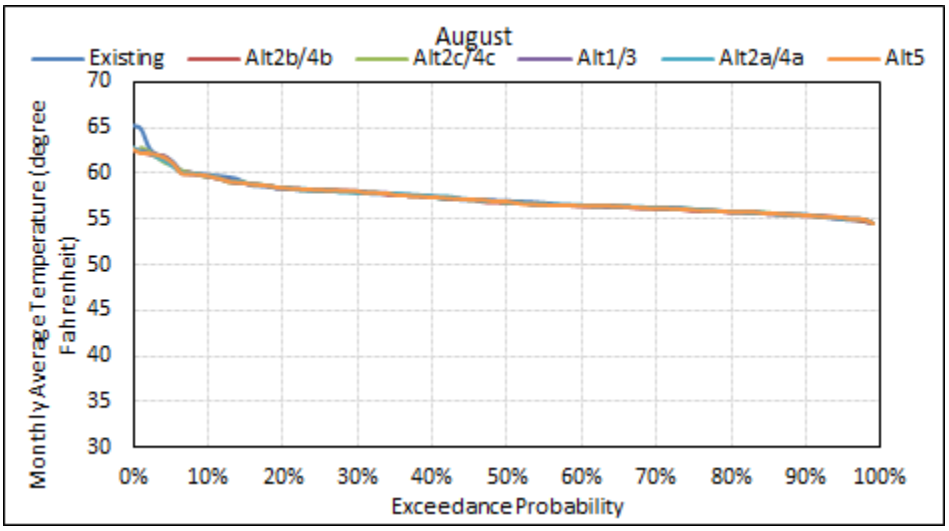


Figure 5A-D1.22.37-D. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





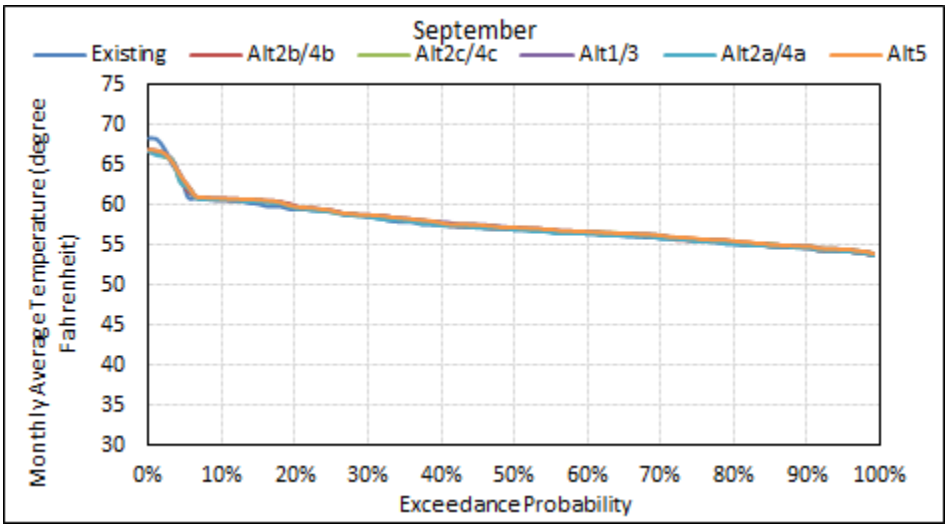


Figure 5A-D1.22.38. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

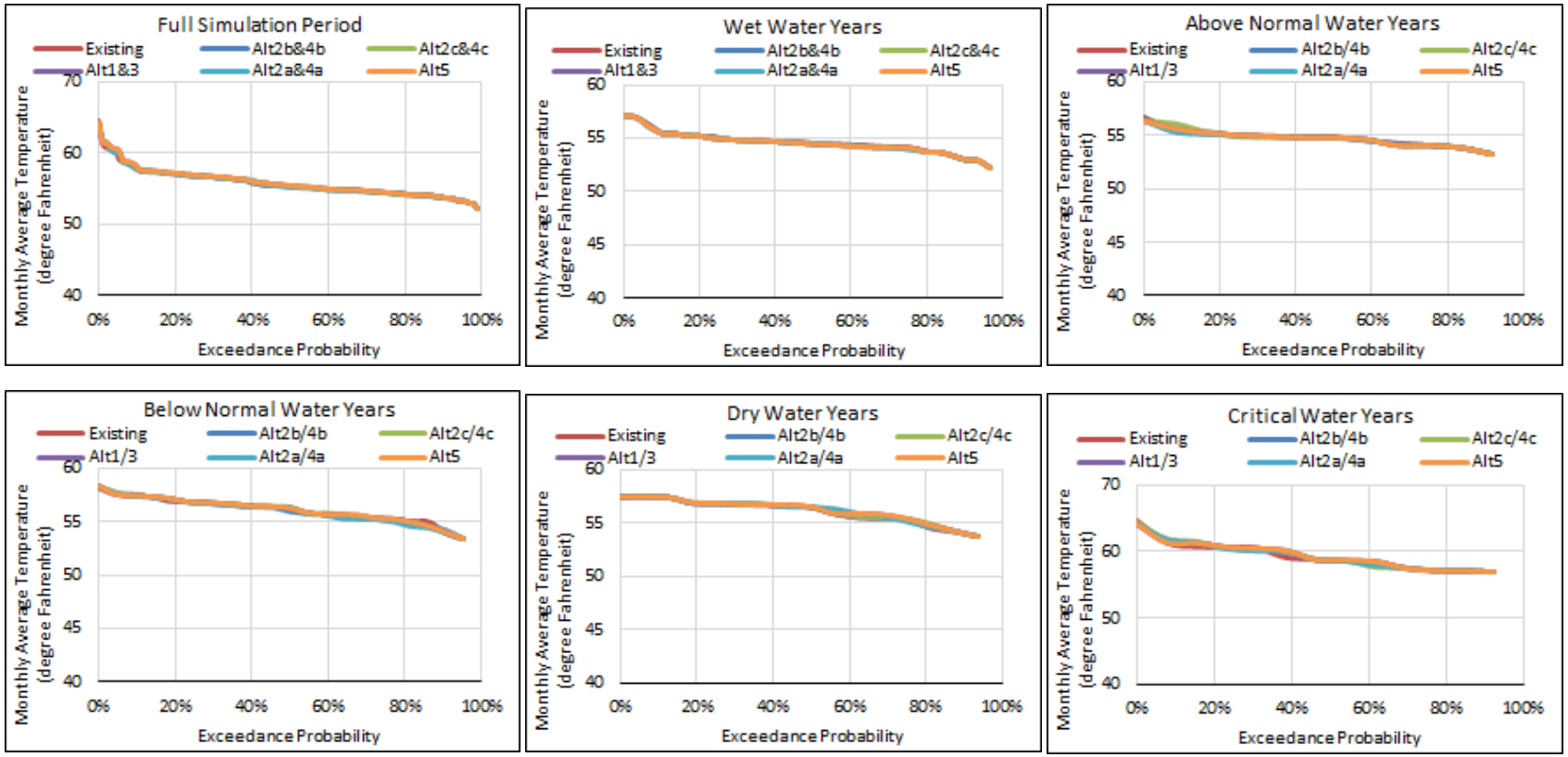


Figure 5A-D1.22.39. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

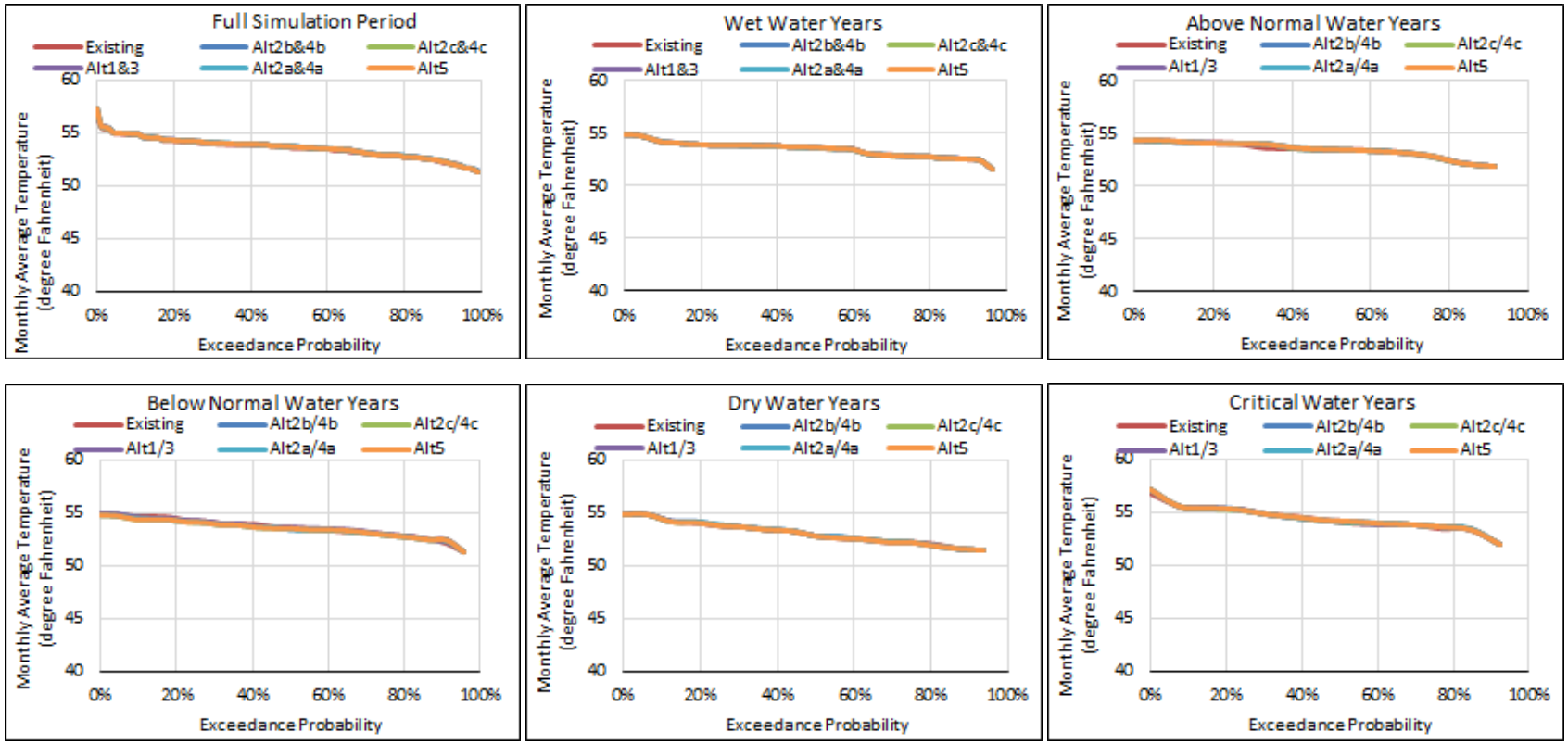


Figure 5A-D1.22.40. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

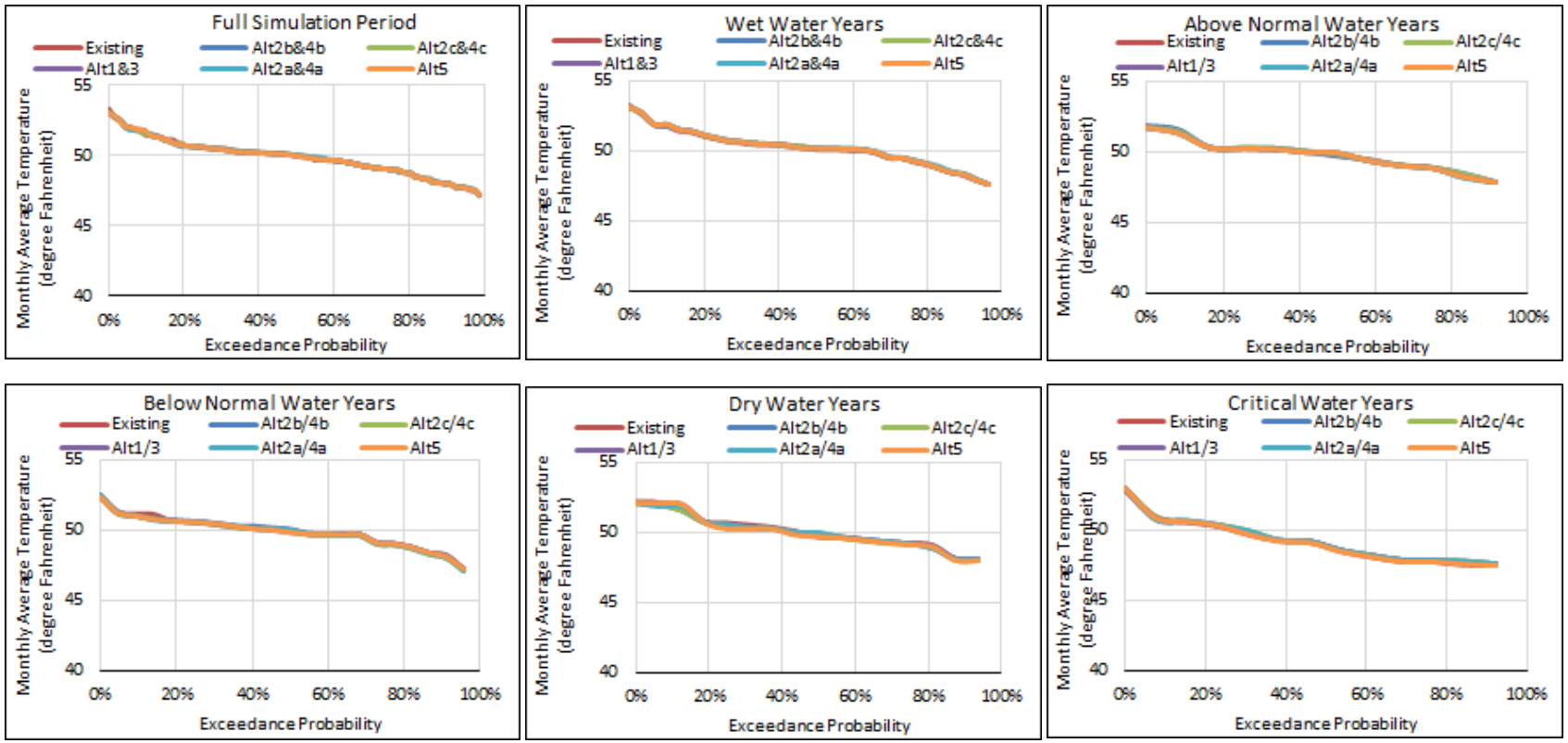


Figure 5A-D1.22.41. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

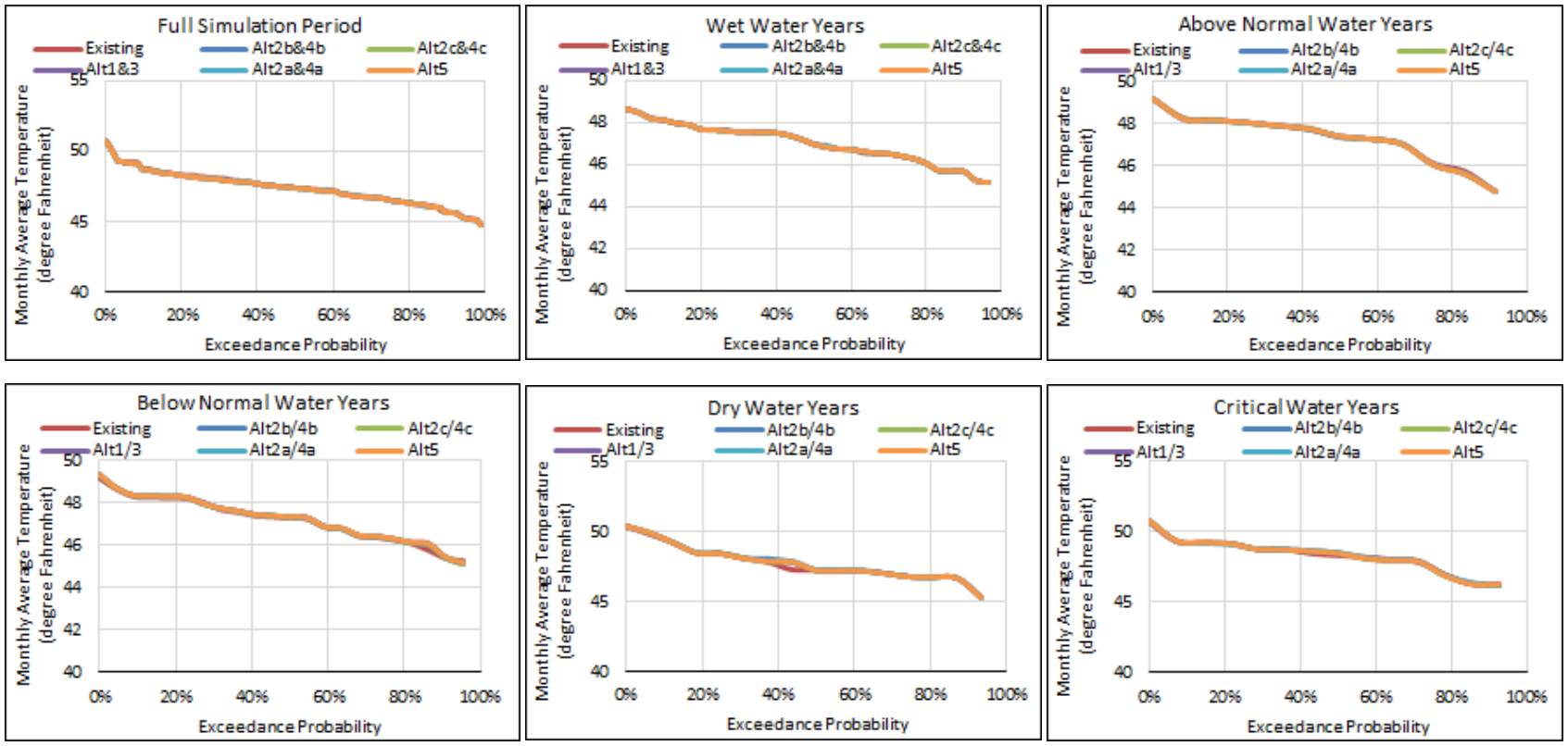


Figure 5A-D1.22.42. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

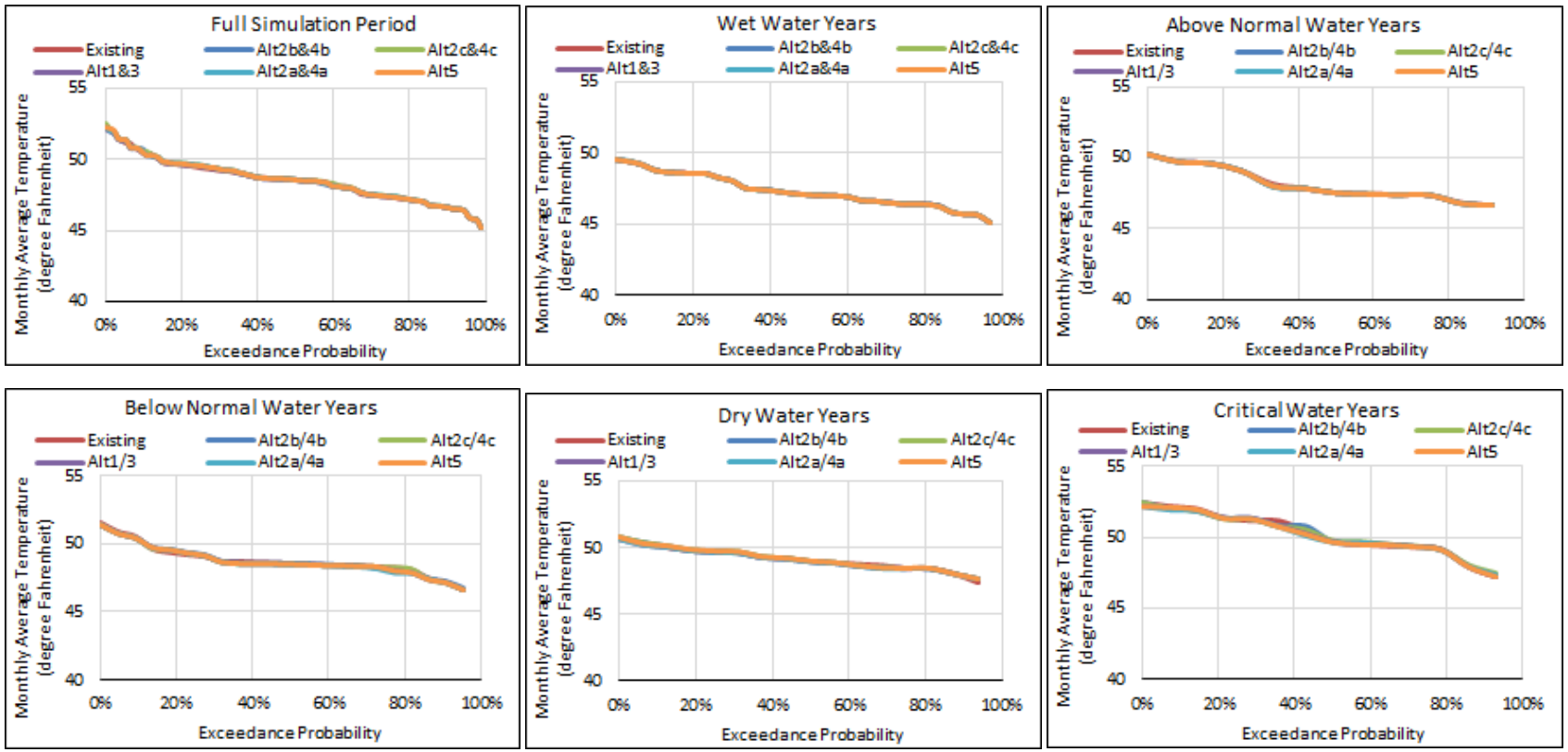


Figure 5A-D1.22.43. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

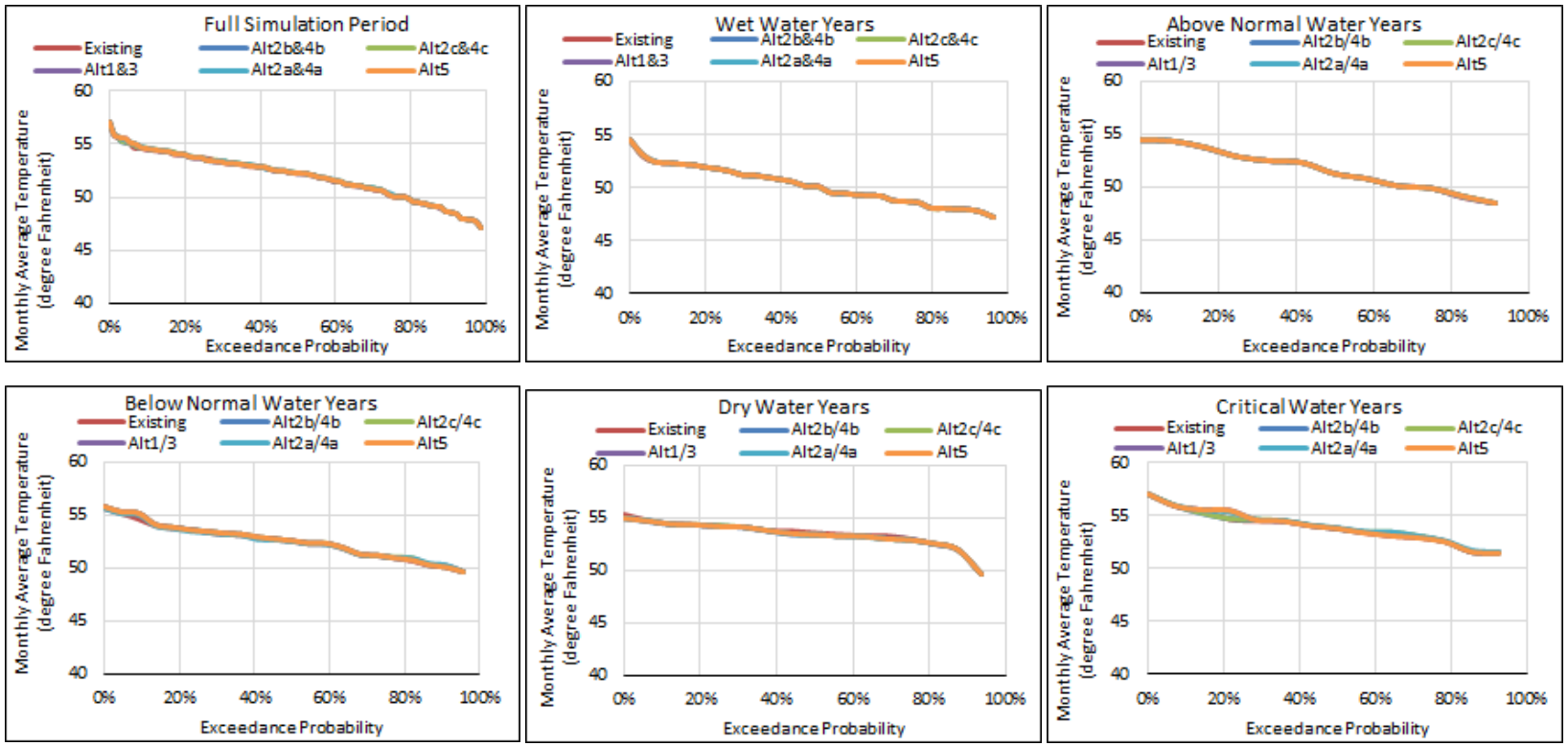


Figure 5A-D1.22.44. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

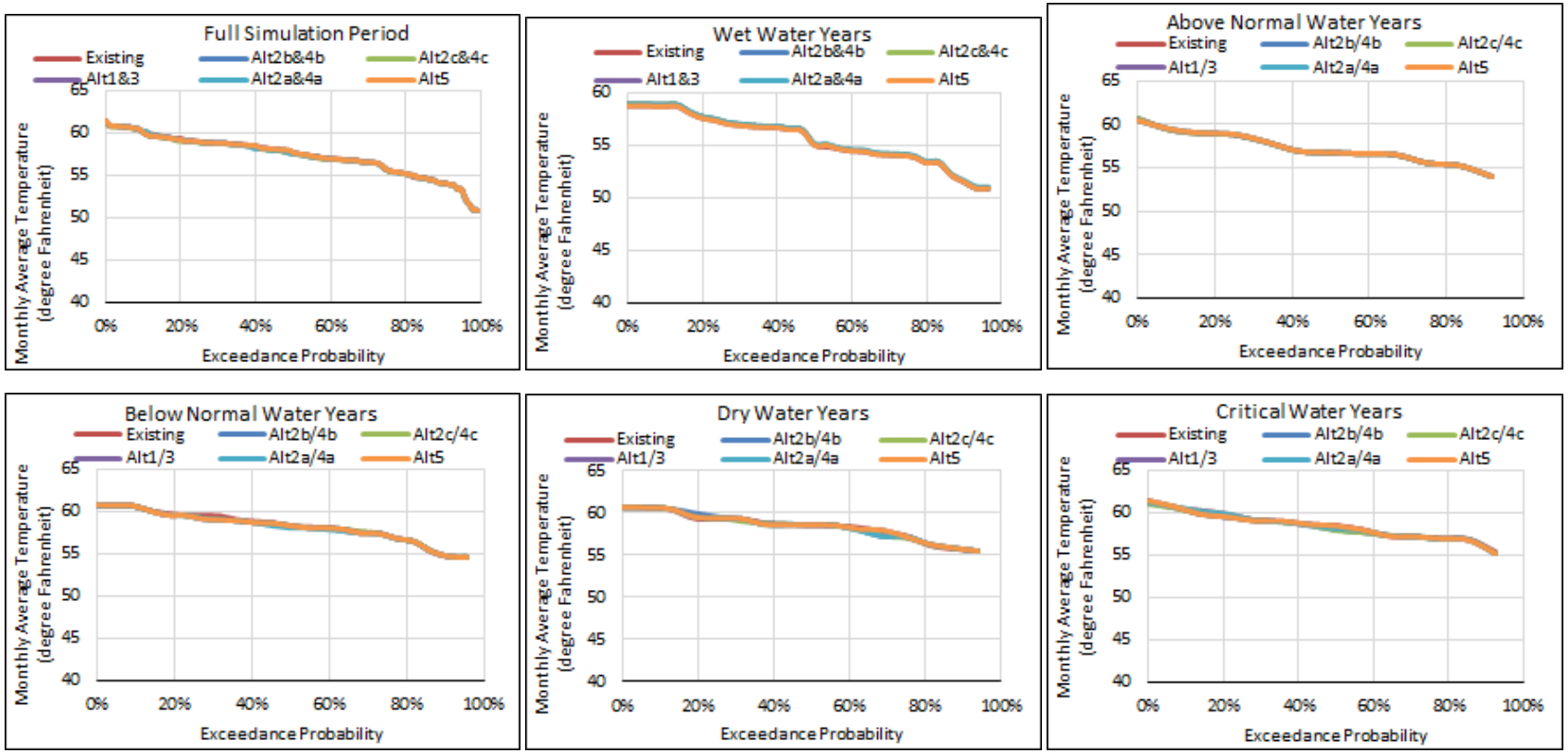


Figure 5A-D1.22.45. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

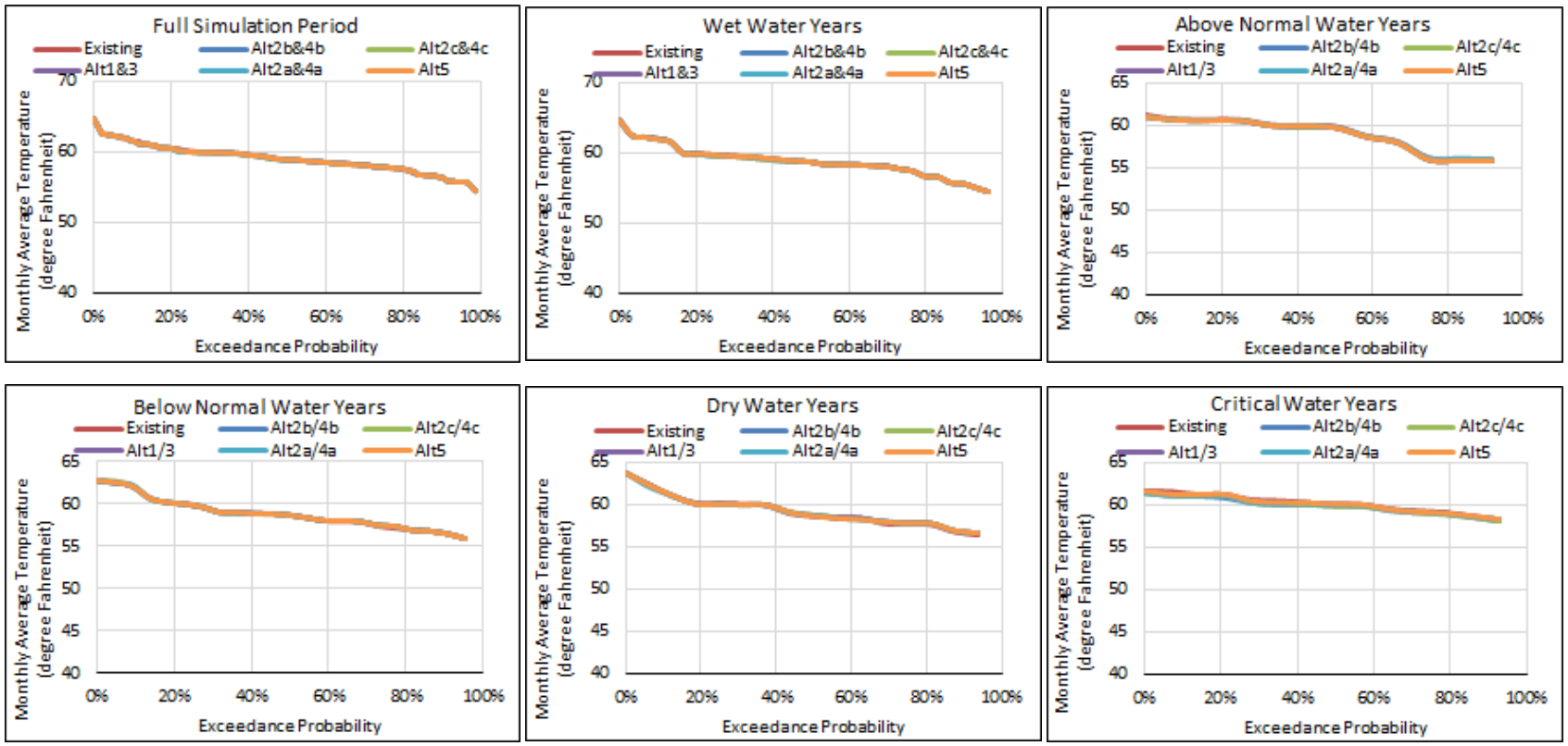


Figure 5A-D1.22.46. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

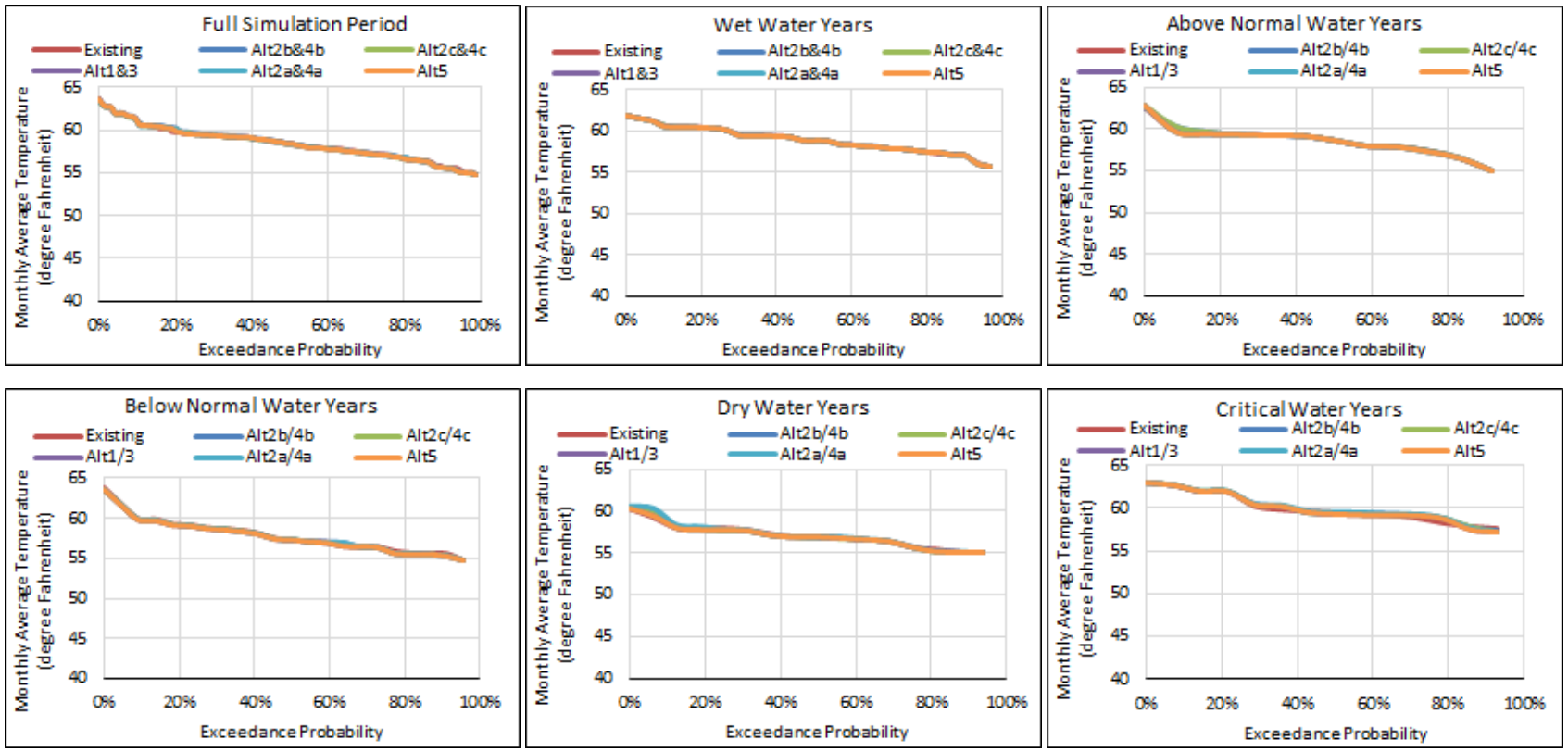


Figure 5A-D1.22.47. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

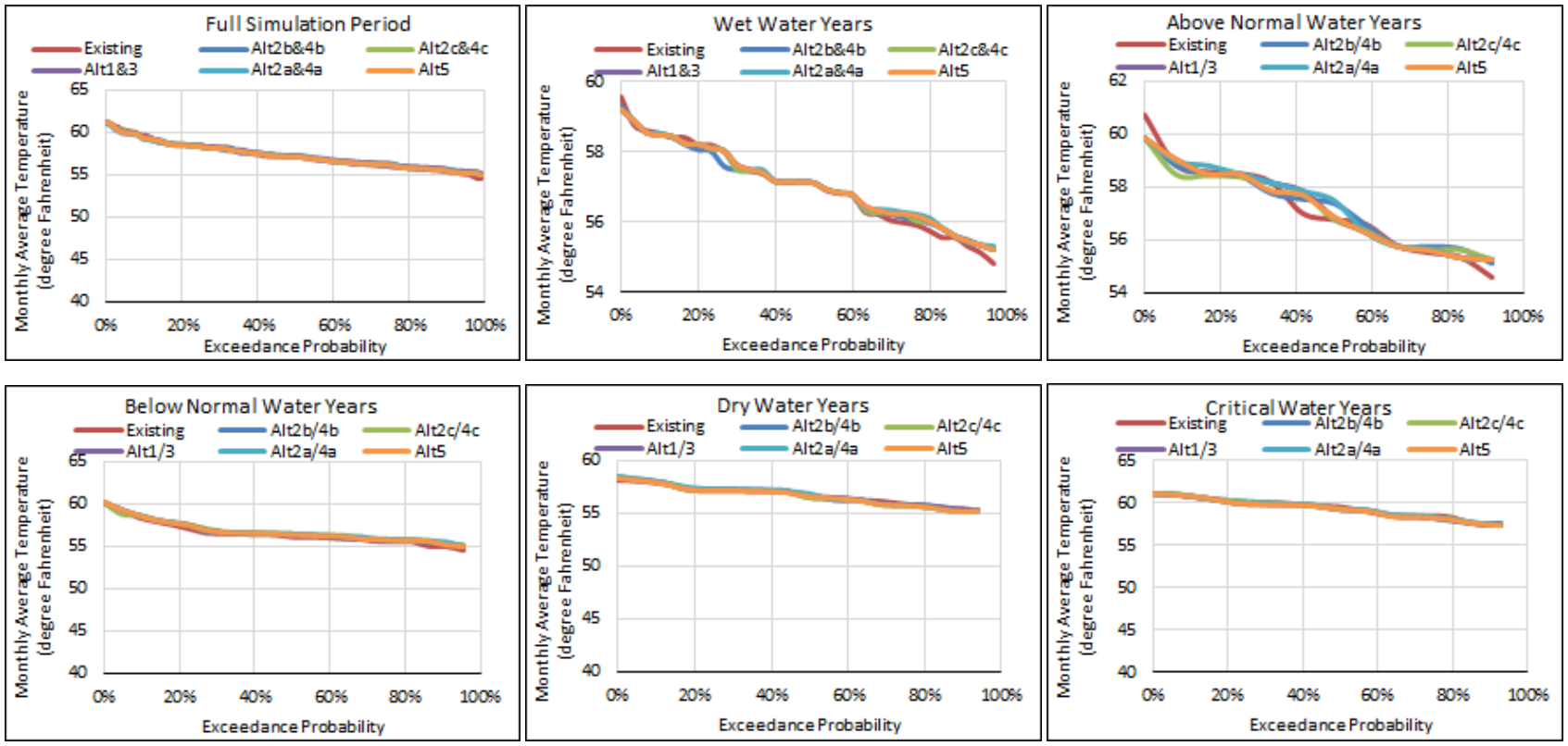


Figure 5A-D1.22.48. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

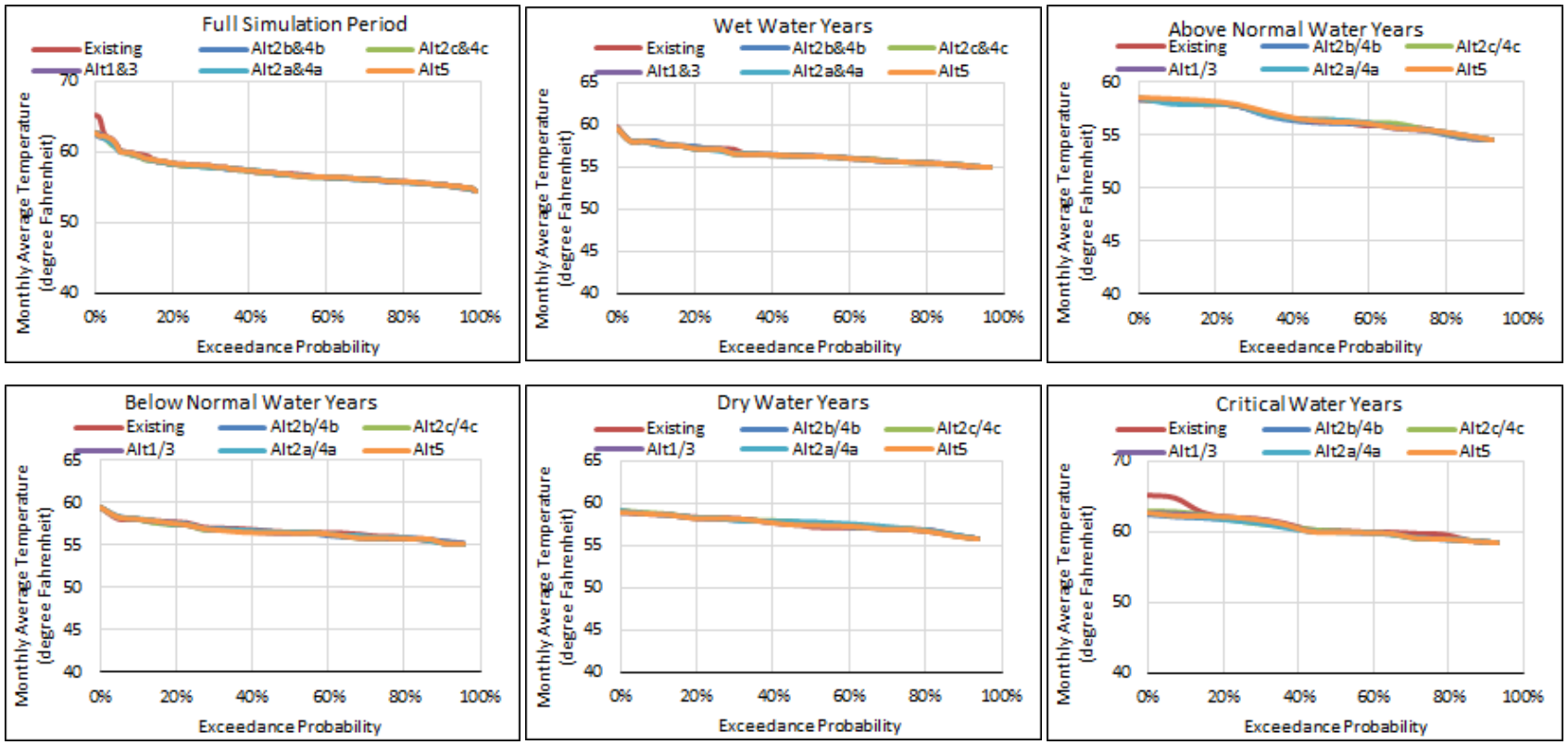
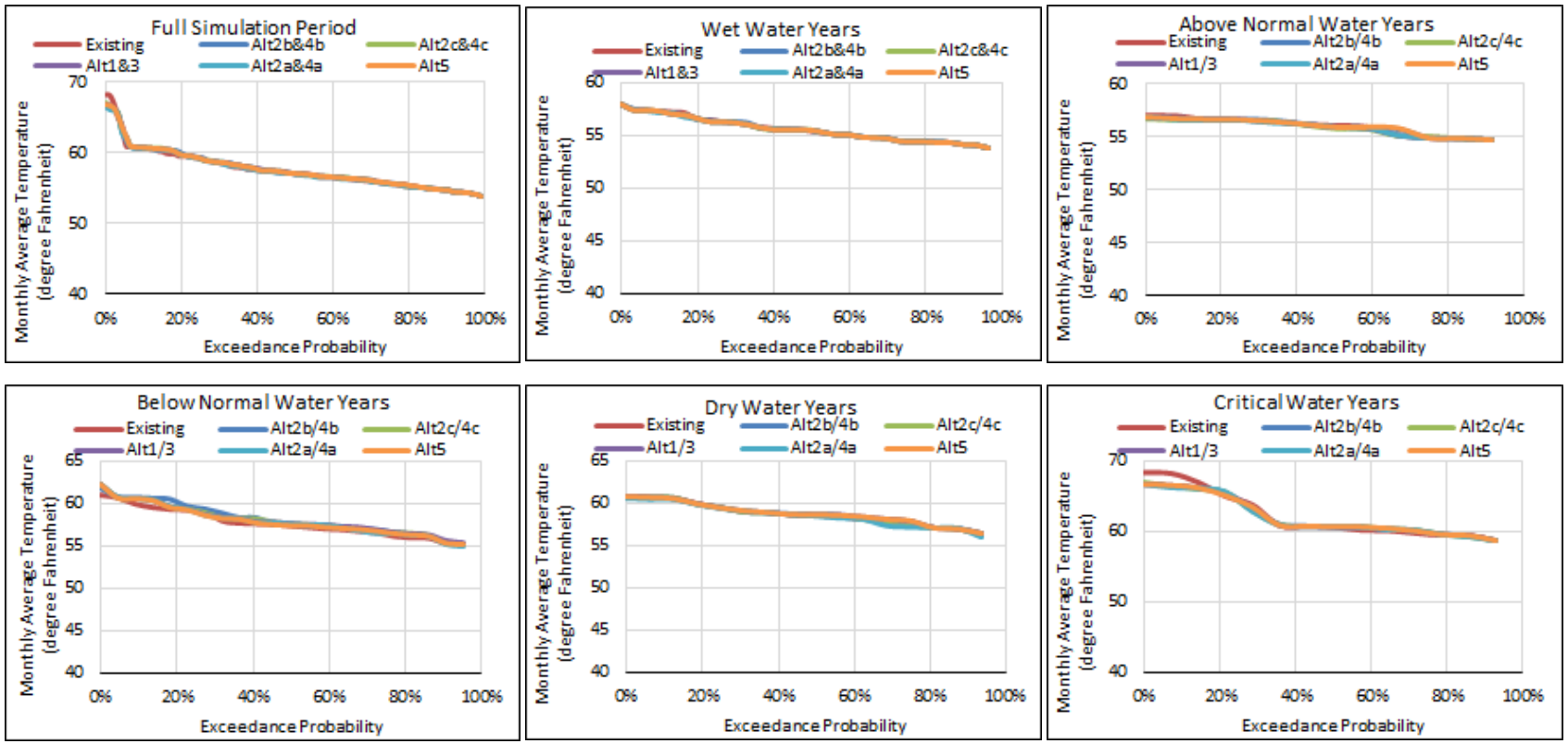


Figure 5A-D1.22.49. Sacramento River at Red Bluff Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.23 Sacramento River at Red Bluff

Table 5A-D1.23.1-A. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.9	54.8	51.5	48.8	50.5	54.5	60.1	61.6	61.0	59.5	59.8	60.6
20%	57.1	54.2	50.8	48.3	49.6	54.0	59.2	60.5	59.7	58.4	58.3	59.5
30%	56.7	54.0	50.5	48.1	49.2	53.3	58.7	59.9	59.3	58.1	57.8	58.5
40%	56.1	53.9	50.2	47.7	48.7	52.9	58.4	59.6	59.0	57.3	57.4	57.5
50%	55.4	53.6	50.1	47.4	48.6	52.3	57.6	58.9	58.3	57.0	56.9	57.0
60%	55.0	53.5	49.7	47.2	48.2	51.6	56.9	58.5	57.8	56.5	56.5	56.5
70%	54.7	53.1	49.2	46.8	47.5	50.9	56.5	58.2	57.3	56.1	56.2	56.0
80%	54.4	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.7	55.7	55.8	55.2
90%	53.8	52.3	48.1	45.8	46.6	48.8	54.1	56.5	55.7	55.4	55.4	54.7

Table 5A-D1.23.1-B. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.3	59.1	58.4	57.2	57.4	57.6
Wet Water Years	54.6	53.5	50.3	47.0	47.4	50.2	55.5	58.9	58.9	57.0	56.4	55.5
Above Normal Water Years	54.7	53.3	49.7	47.3	48.1	51.6	57.2	58.9	58.5	57.1	56.5	55.9
Below Normal Water Years	56.0	53.6	49.9	47.2	48.8	52.5	58.3	58.7	57.8	56.5	56.8	57.6
Dry Water Years	56.0	53.2	50.0	47.7	49.1	53.4	58.3	59.2	56.9	56.6	57.4	58.6
Critical Water Years	59.4	54.4	49.2	48.3	50.2	53.9	58.4	60.0	59.9	59.3	61.0	62.3

Table 5A-D1.23.1-C. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	58.1	54.9	51.5	48.7	50.6	54.5	60.0	61.5	61.1	59.2	59.6	60.6
20%	57.2	54.3	50.7	48.3	49.6	54.0	59.1	60.5	60.1	58.4	58.3	59.9
30%	56.7	54.0	50.5	48.1	49.3	53.3	58.7	59.9	59.3	57.9	57.9	58.6
40%	55.9	53.9	50.2	47.7	48.7	52.9	58.3	59.5	59.0	57.4	57.4	57.7
50%	55.4	53.7	50.1	47.5	48.5	52.3	57.5	58.9	58.4	57.1	56.8	57.0
60%	54.9	53.4	49.7	47.2	48.1	51.6	56.9	58.5	57.8	56.5	56.4	56.5
70%	54.7	53.1	49.2	46.8	47.5	50.9	56.5	58.2	57.3	56.2	56.1	56.1
80%	54.3	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.8	55.8	55.8	55.4
90%	53.9	52.3	48.1	45.8	46.6	48.8	54.1	56.6	55.7	55.5	55.4	54.7

Table 5A-D1.23.1-D. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.2	59.0	58.4	57.2	57.2	57.6
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.2	55.5	58.8	58.9	57.0	56.4	55.6
Above Normal Water Years	54.7	53.4	49.7	47.3	48.1	51.6	57.2	58.9	58.5	57.2	56.5	55.9
Below Normal Water Years	56.0	53.6	49.9	47.2	48.8	52.5	58.2	58.7	57.8	56.7	56.6	58.0
Dry Water Years	56.1	53.2	50.0	47.8	49.1	53.3	58.3	59.2	57.0	56.6	57.5	58.6
Critical Water Years	59.4	54.5	49.2	48.3	50.2	53.9	58.3	59.9	60.0	59.2	60.4	62.0

Table 5A-D1.23.1-E. Sacramento River at Red Bluff, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2	0.0	0.0	0.0	0.2	0.0	-0.1	0.0	0.0	-0.3	-0.2	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.4	0.0	0.1	0.4
30%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1
40%	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	-0.1	0.2
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	-0.1	0.2
90%	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	0.0

Table 5A-D1.23.1-F. Sacramento River at Red Bluff, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.23.1-G. Sacramento River at Red Bluff, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.3%	0.0%	0.0%	0.0%	0.4%	0.1%	-0.2%	0.0%	0.1%	-0.5%	-0.4%	0.0%
20%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.6%	-0.1%	0.1%	0.7%
30%	-0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.1%	0.2%
40%	-0.3%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.2%	-0.2%	0.0%	0.2%	-0.1%	0.4%
50%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.3%	0.0%
60%	0.0%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%
70%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.3%
80%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	-0.1%	0.3%
90%	0.1%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.3%	-0.1%	0.0%

Table 5A-D1.23.1-H. Sacramento River at Red Bluff, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.3%	-0.2%	0.2%	-0.2%	-0.9%	-0.5%

Table 5A-D1.23.2-A. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.7	54.8	51.5	48.8	50.5	54.6	60.0	61.5	61.1	59.1	59.5	60.6
20%	57.2	54.2	50.8	48.3	49.7	54.0	59.0	60.5	60.1	58.3	58.3	59.6
30%	56.7	54.0	50.5	48.0	49.3	53.4	58.7	59.9	59.3	58.0	57.9	58.6
40%	56.1	53.9	50.2	47.8	48.7	52.8	58.3	59.5	59.1	57.4	57.3	57.7
50%	55.4	53.7	50.1	47.5	48.5	52.3	57.6	58.9	58.4	57.0	56.8	57.0
60%	54.9	53.5	49.7	47.2	48.3	51.6	56.8	58.5	57.8	56.5	56.4	56.5
70%	54.7	53.1	49.2	46.8	47.5	50.9	56.5	58.1	57.3	56.2	56.2	56.1
80%	54.2	52.7	48.8	46.4	47.2	49.9	55.1	57.7	56.7	55.8	55.8	55.2
90%	53.9	52.4	48.0	45.8	46.6	48.8	54.1	56.5	55.6	55.5	55.4	54.7

Table 5A-D1.23.2-B. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.2	59.0	58.4	57.2	57.2	57.6
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.1	55.5	58.8	58.9	57.0	56.4	55.5
Above Normal Water Years	54.8	53.4	49.7	47.3	48.1	51.6	57.2	58.9	58.6	57.1	56.6	55.8
Below Normal Water Years	56.0	53.6	49.9	47.2	48.8	52.5	58.2	58.7	57.7	56.7	56.6	58.0
Dry Water Years	56.1	53.2	50.0	47.8	49.1	53.3	58.3	59.2	57.0	56.6	57.5	58.6
Critical Water Years	59.4	54.5	49.2	48.3	50.2	53.9	58.3	59.9	60.0	59.2	60.4	62.0

Table 5A-D1.23.2-C. Sacramento River at Red Bluff, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	-0.3	-0.2	0.0
20%	0.0	0.0	0.1	0.0	0.1	0.0	-0.2	0.0	0.4	-0.1	0.1	0.1
30%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	0.1	0.1	-0.1	0.1
50%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.1
80%	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
90%	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.2	0.0	0.0

Table 5A-D1.23.2-D. Sacramento River at Red Bluff, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.1	0.0	0.0	0.0	-0.2	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.23.2-E. Sacramento River at Red Bluff, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.4%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.3%	-0.1%	0.0%	-0.6%	-0.4%	0.0%
20%	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%	-0.4%	0.0%	0.6%	-0.1%	0.1%	0.2%
30%	-0.1%	0.0%	0.0%	-0.1%	0.2%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.1%
40%	0.0%	0.0%	0.0%	0.2%	-0.1%	-0.1%	-0.2%	-0.2%	0.1%	0.1%	-0.2%	0.3%
50%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.2%	0.1%
60%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.1%	0.2%
80%	-0.3%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%
90%	0.1%	0.2%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.3%	-0.1%	0.0%

Table 5A-D1.23.2-F. Sacramento River at Red Bluff, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	-0.1%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.1%	0.0%
Critical Water Years	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.3%	-0.2%	0.1%	-0.2%	-0.9%	-0.5%

Table 5A-D1.23.3-A. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	58.1	54.8	51.7	48.8	50.4	54.6	60.0	61.5	61.1	59.2	59.7	60.6
20%	57.1	54.3	50.8	48.3	49.6	54.0	59.1	60.5	59.9	58.4	58.4	59.6
30%	56.7	54.0	50.5	48.0	49.3	53.3	58.7	59.9	59.3	58.0	58.0	58.6
40%	56.1	53.9	50.2	47.7	48.7	52.8	58.4	59.6	59.1	57.4	57.3	57.7
50%	55.4	53.7	50.0	47.5	48.5	52.3	57.7	58.9	58.4	57.1	56.9	57.0
60%	55.0	53.5	49.7	47.2	48.1	51.6	56.9	58.5	57.8	56.6	56.4	56.5
70%	54.7	53.1	49.2	46.8	47.5	50.9	56.5	58.2	57.3	56.2	56.2	56.1
80%	54.3	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.8	55.8	55.8	55.4
90%	53.9	52.3	48.1	45.8	46.6	48.8	54.1	56.6	55.6	55.5	55.4	54.7

Table 5A-D1.23.3-B. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.3	59.0	58.4	57.2	57.3	57.7
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.2	55.5	58.8	58.9	57.0	56.4	55.5
Above Normal Water Years	54.7	53.4	49.7	47.3	48.1	51.6	57.2	58.9	58.5	57.2	56.5	55.8
Below Normal Water Years	56.0	53.6	49.9	47.2	48.8	52.5	58.2	58.7	57.7	56.7	56.6	58.0
Dry Water Years	56.1	53.2	50.0	47.8	49.1	53.3	58.3	59.2	56.9	56.6	57.5	58.6
Critical Water Years	59.5	54.5	49.2	48.3	50.1	54.0	58.4	59.9	60.0	59.2	60.4	62.1

Table 5A-D1.23.3-C. Sacramento River at Red Bluff, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	0.2	0.0	-0.1	0.0	-0.2	0.0	0.0	-0.3	-0.1	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.2	-0.1	0.1	0.1
30%	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.2
50%	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1
60%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	0.0

Table 5A-D1.23.3-D. Sacramento River at Red Bluff, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.3
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.23.3-E. Sacramento River at Red Bluff, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.0%	0.4%	0.0%	-0.1%	0.1%	-0.3%	0.0%	0.0%	-0.5%	-0.2%	0.0%
20%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.3%	-0.1%	0.2%	0.2%
30%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.3%	0.0%
40%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.2%	0.3%
50%	0.0%	0.1%	-0.1%	0.1%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.1%	-0.1%	0.1%
60%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.3%	-0.1%	0.2%
80%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.1%	-0.1%	0.3%
90%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.2%	-0.1%	-0.1%

Table 5A-D1.23.3-F. Sacramento River at Red Bluff, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.1%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.8%	-0.3%

Table 5A-D1.23.4-A. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	57.9	54.8	51.7	48.8	50.4	54.5	60.1	61.5	61.0	59.2	59.6	60.6
20%	57.2	54.2	50.7	48.3	49.6	54.0	59.1	60.5	60.1	58.4	58.4	59.6
30%	56.7	54.0	50.5	48.0	49.3	53.3	58.7	59.9	59.3	58.0	57.8	58.5
40%	56.3	53.9	50.2	47.7	48.7	52.8	58.1	59.6	59.1	57.4	57.4	57.5
50%	55.3	53.7	50.1	47.5	48.5	52.3	57.5	58.8	58.3	57.1	56.8	57.0
60%	54.9	53.5	49.7	47.2	48.1	51.7	56.9	58.5	57.8	56.6	56.5	56.4
70%	54.6	53.1	49.3	46.8	47.5	50.9	56.5	58.1	57.3	56.2	56.2	56.0
80%	54.3	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.8	55.8	55.8	55.2
90%	53.8	52.3	48.0	45.8	46.6	48.8	54.1	56.6	55.6	55.5	55.4	54.7

Table 5A-D1.23.4-B. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.8	53.6	49.9	47.4	48.5	52.0	57.2	59.0	58.4	57.2	57.2	57.6
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.2	55.5	58.8	58.9	57.0	56.4	55.5
Above Normal Water Years	54.7	53.4	49.7	47.3	48.1	51.6	57.2	58.9	58.5	57.2	56.5	55.8
Below Normal Water Years	55.9	53.6	49.9	47.2	48.8	52.5	58.2	58.7	57.8	56.7	56.6	57.9
Dry Water Years	56.1	53.2	50.0	47.8	49.1	53.3	58.3	59.2	57.0	56.7	57.6	58.4
Critical Water Years	59.4	54.5	49.2	48.3	50.2	54.0	58.4	59.9	60.0	59.2	60.3	62.0

Table 5A-D1.23.4-C. Sacramento River at Red Bluff, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.2	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.3	-0.2	0.0
20%	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.4	0.0	0.1	0.1
30%	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
40%	0.2	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.1	0.1	0.0	0.0
50%	-0.1	0.0	0.0	0.1	-0.1	0.0	-0.1	-0.1	0.0	0.1	-0.1	0.0
60%	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
90%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	0.0

Table 5A-D1.23.4-D. Sacramento River at Red Bluff, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.1	-0.1
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.23.4-E. Sacramento River at Red Bluff, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.4%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.0%	-0.5%	-0.3%	0.0%
20%	0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.6%	0.0%	0.1%	0.2%
30%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%
40%	0.3%	0.0%	0.0%	0.1%	-0.1%	-0.1%	-0.5%	0.0%	0.1%	0.2%	0.0%	0.0%
50%	-0.3%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.1%	-0.2%	0.0%
60%	-0.1%	0.0%	0.1%	0.0%	-0.3%	0.2%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%
70%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.3%	-0.1%	0.0%
80%	-0.2%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.2%	0.1%	-0.1%	0.0%
90%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.2%	-0.1%	-0.1%

Table 5A-D1.23.4-F. Sacramento River at Red Bluff, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	-0.1%
Wet Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.3%	0.0%	-0.2%
Below Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.2%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.2%	-0.1%	-0.1%	0.2%	0.1%	0.2%	-0.2%
Critical Water Years	0.0%	0.1%	0.1%	0.1%	0.0%	0.1%	-0.1%	-0.2%	0.2%	-0.3%	-1.0%	-0.5%

Table 5A-D1.23.5-A. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	58.1	54.8	51.7	48.8	50.4	54.6	60.0	61.5	61.0	59.2	59.7	60.6
20%	57.1	54.3	50.8	48.3	49.6	54.0	59.1	60.5	59.9	58.4	58.4	59.6
30%	56.7	54.0	50.5	48.0	49.3	53.3	58.7	59.9	59.3	58.0	58.0	58.6
40%	56.1	53.9	50.2	47.7	48.7	52.8	58.4	59.6	59.1	57.4	57.3	57.6
50%	55.4	53.7	50.0	47.5	48.5	52.3	57.7	58.9	58.3	57.0	56.9	57.0
60%	55.0	53.5	49.7	47.2	48.1	51.6	56.9	58.5	57.8	56.6	56.4	56.5
70%	54.7	53.1	49.2	46.8	47.5	50.9	56.5	58.1	57.3	56.2	56.1	56.1
80%	54.2	52.8	48.8	46.4	47.2	50.0	55.2	57.7	56.7	55.8	55.8	55.4
90%	53.9	52.3	48.0	45.8	46.6	48.8	54.1	56.6	55.6	55.5	55.4	54.7

Table 5A-D1.23.5-B. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	55.9	53.6	49.9	47.4	48.5	52.0	57.3	59.0	58.4	57.2	57.3	57.7
Wet Water Years	54.6	53.5	50.2	47.0	47.4	50.2	55.5	58.8	58.9	57.0	56.4	55.5
Above Normal Water Years	54.7	53.4	49.7	47.3	48.1	51.6	57.2	58.9	58.5	57.1	56.5	55.9
Below Normal Water Years	56.0	53.6	49.9	47.2	48.8	52.5	58.2	58.7	57.7	56.7	56.6	57.9
Dry Water Years	56.1	53.1	50.0	47.8	49.1	53.3	58.3	59.2	56.9	56.6	57.5	58.7
Critical Water Years	59.5	54.5	49.2	48.3	50.2	54.0	58.4	59.9	60.0	59.2	60.4	62.1

Table 5A-D1.23.5-C. Sacramento River at Red Bluff, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1	0.0	0.2	0.0	-0.1	0.0	-0.2	0.0	0.0	-0.3	-0.1	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.2	-0.1	0.1	0.1
30%	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.2	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0
60%	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.1
80%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0	0.0

Table 5A-D1.23.5-D. Sacramento River at Red Bluff, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.3
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.23.5-E. Sacramento River at Red Bluff, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.2%	0.0%	0.4%	0.0%	-0.1%	0.1%	-0.3%	0.0%	0.0%	-0.5%	-0.2%	0.1%
20%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.3%	-0.1%	0.2%	0.2%
30%	-0.1%	0.0%	-0.1%	-0.1%	0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.3%	0.1%
40%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.2%	0.2%
50%	0.1%	0.1%	-0.1%	0.1%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%
60%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.3%	-0.2%	0.2%
80%	-0.3%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.1%	-0.1%	0.4%
90%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.2%	0.2%	-0.1%	-0.1%

Table 5A-D1.23.5-F. Sacramento River at Red Bluff, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.2%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.9%	-0.3%

Figure 5A-D1.23.1. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

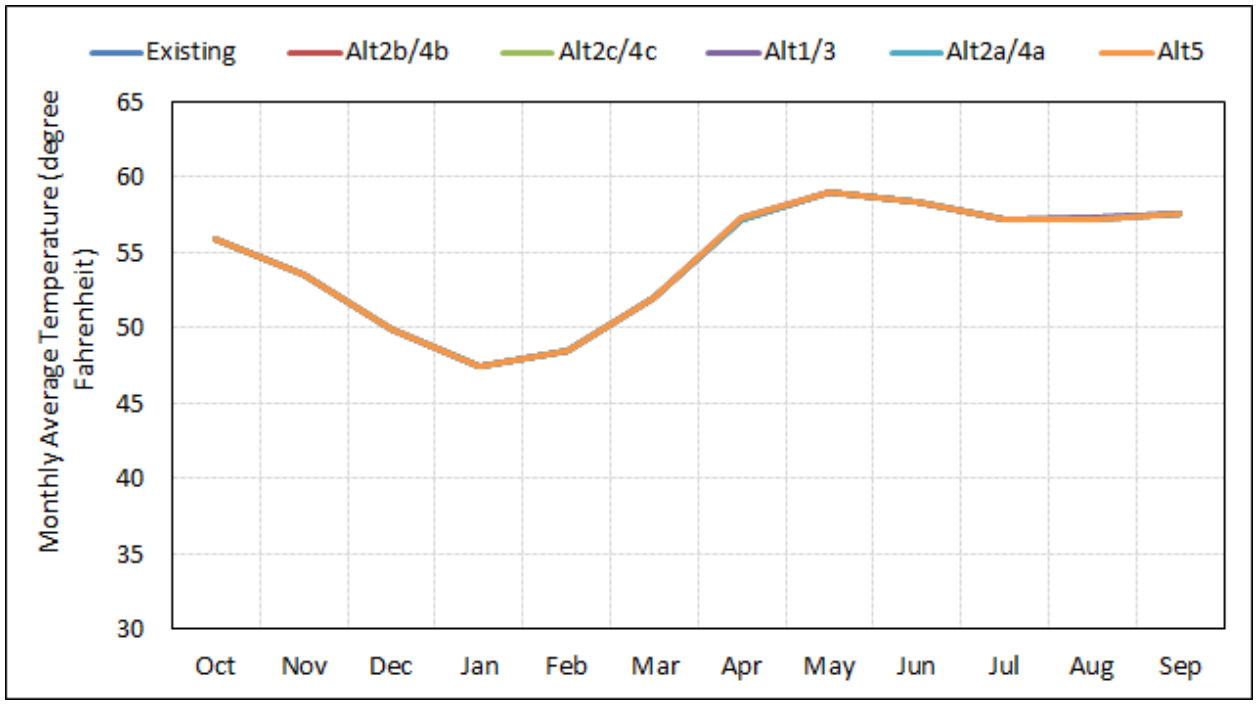


Figure 5A-D1.23.2. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

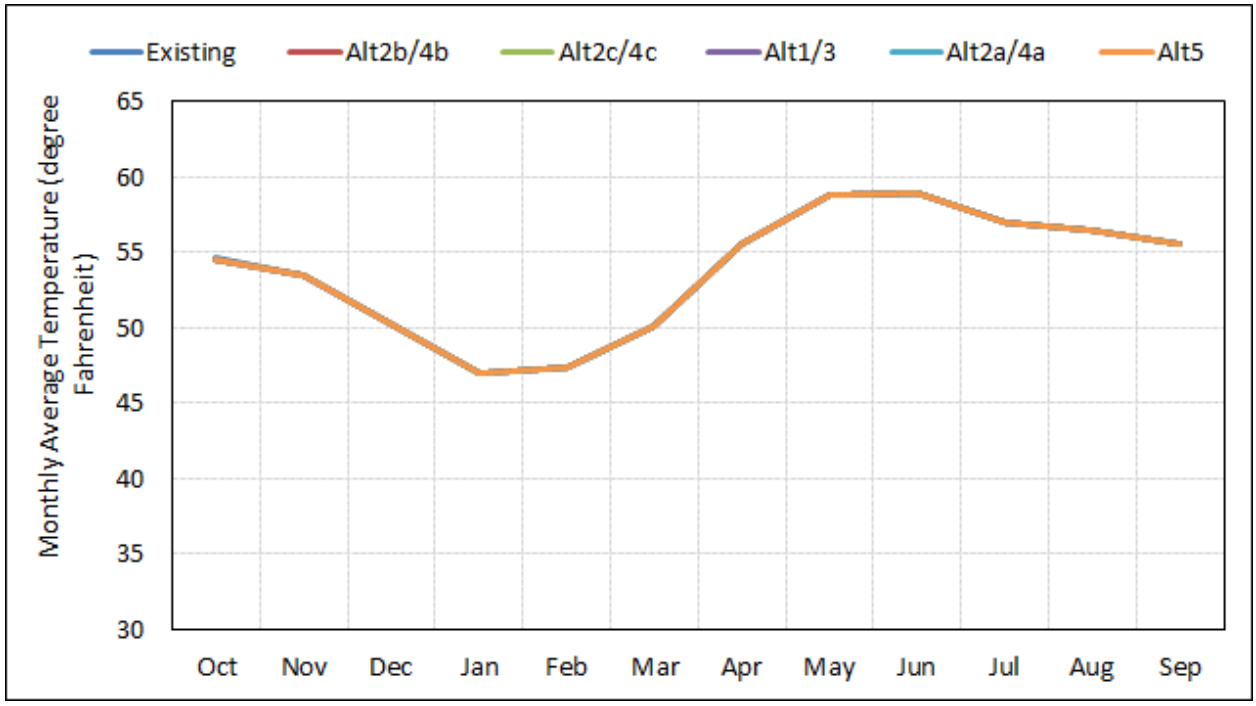


Figure 5A-D1.23.3. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

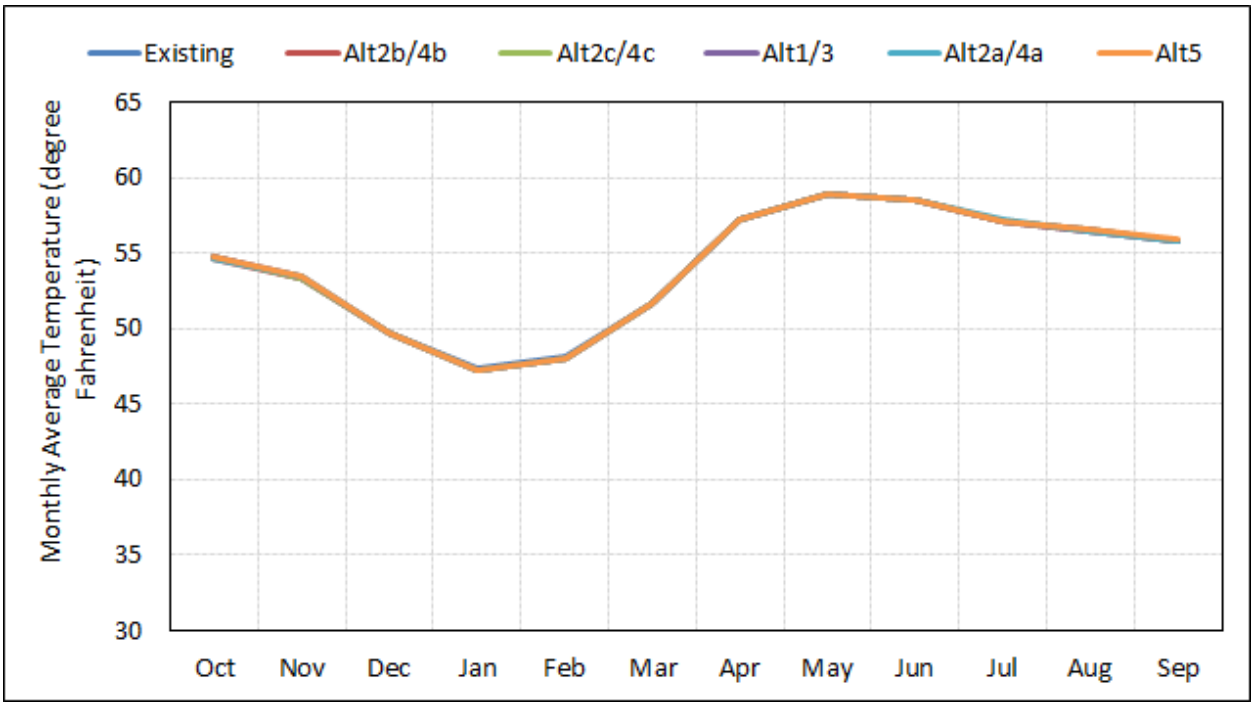


Figure 5A-D1.23.4. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

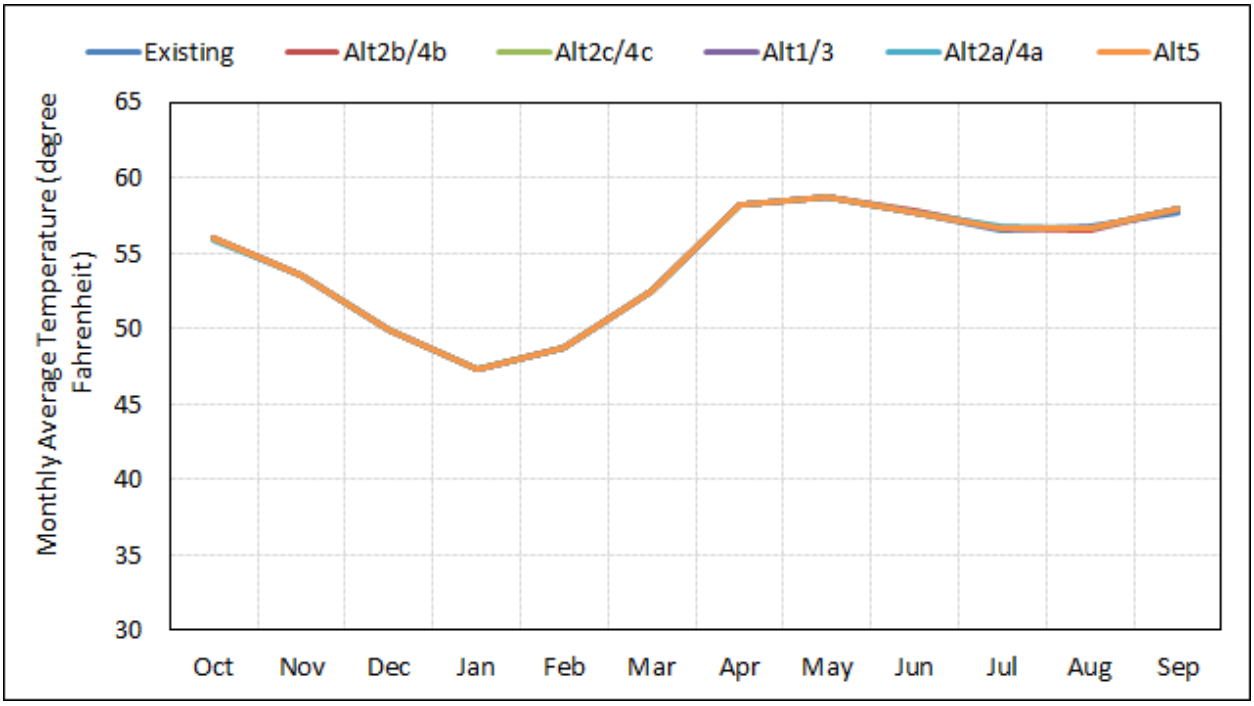


Figure 5A-D1.23.5. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

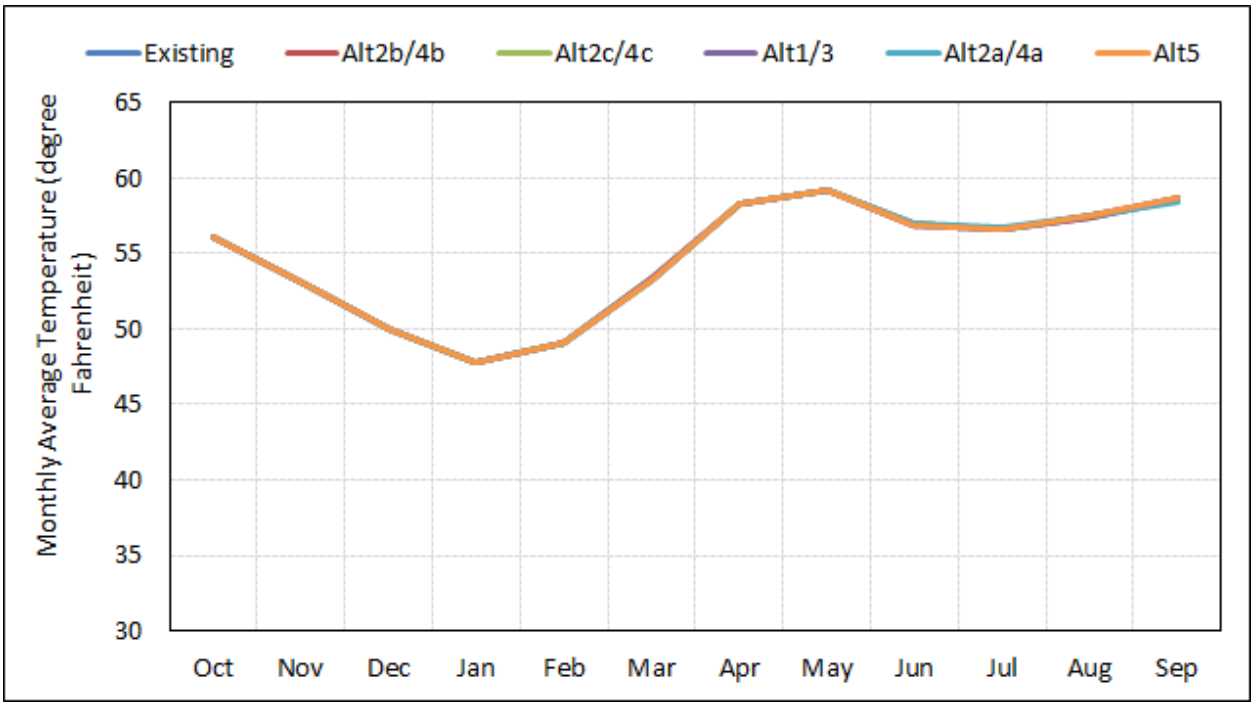


Figure 5A-D1.23.6. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

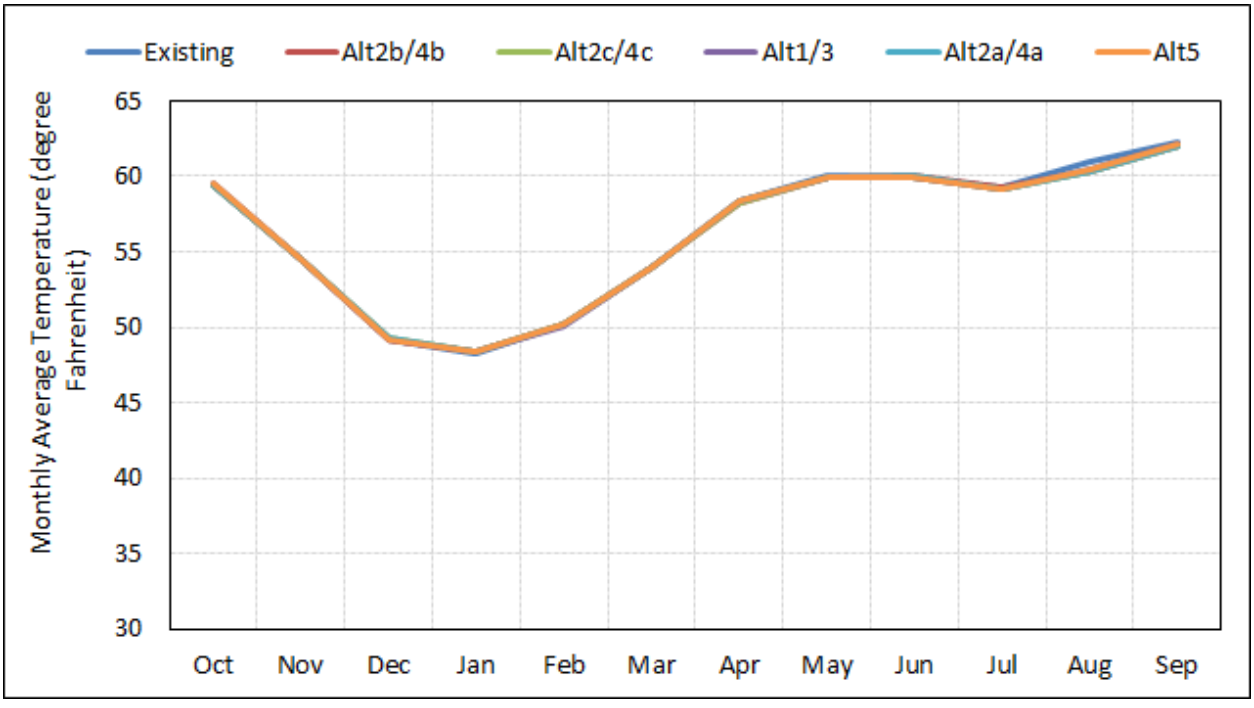


Figure 5A-D1.23.7. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

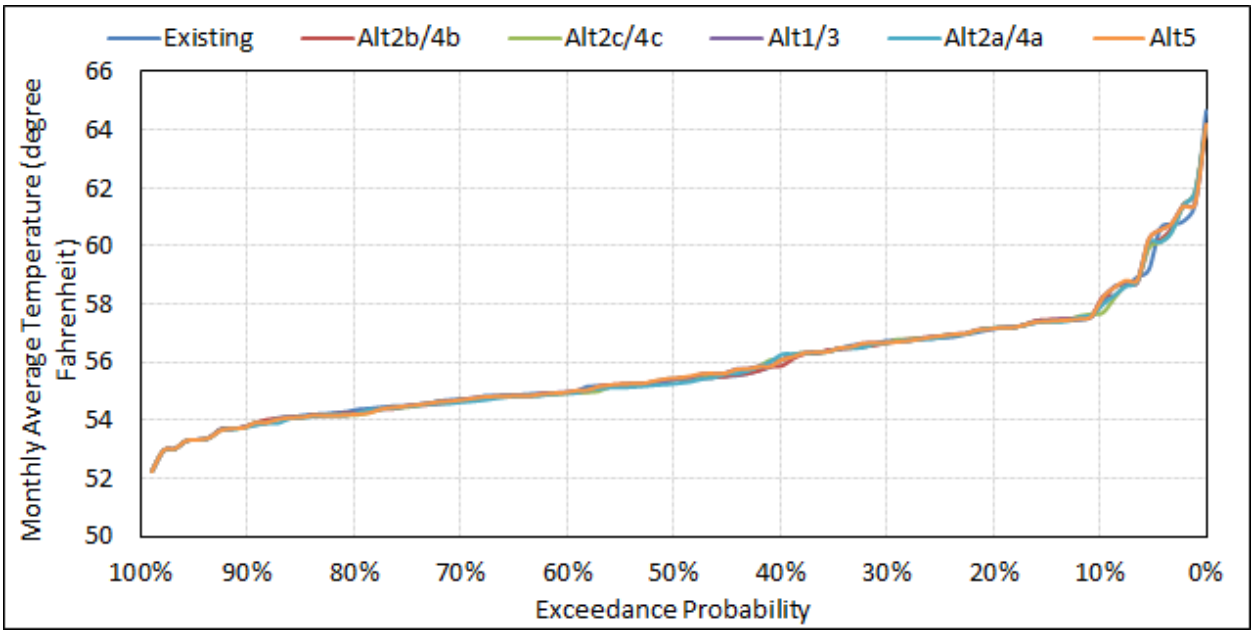


Figure 5A-D1.23.8. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

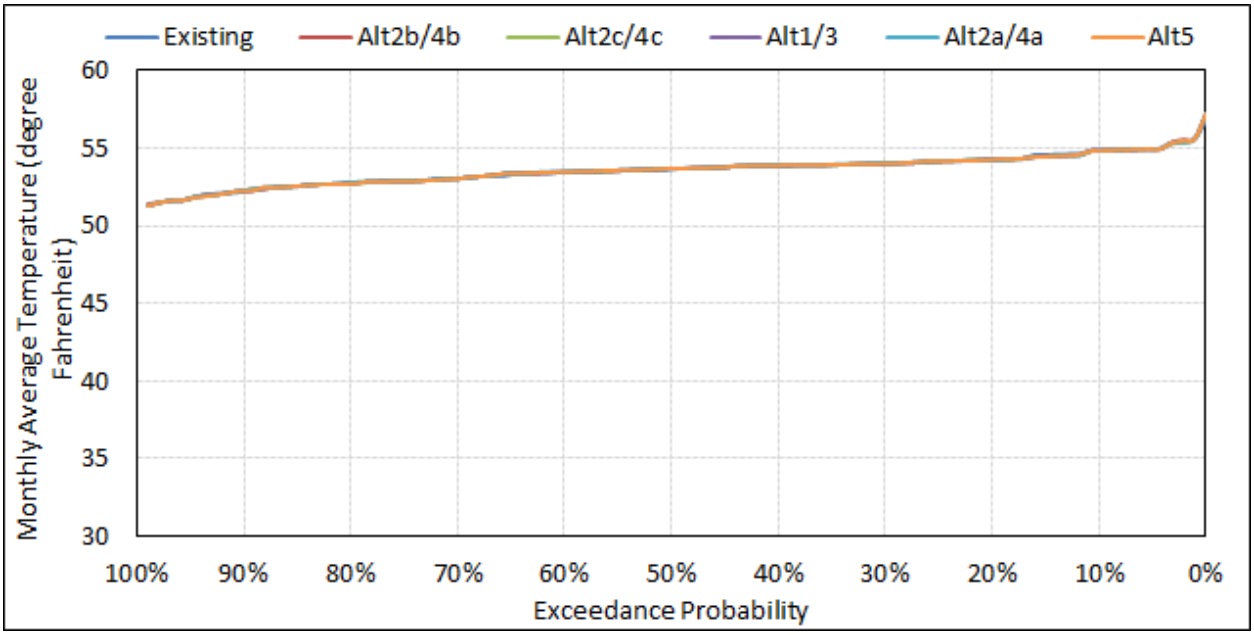


Figure 5A-D1.23.9. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

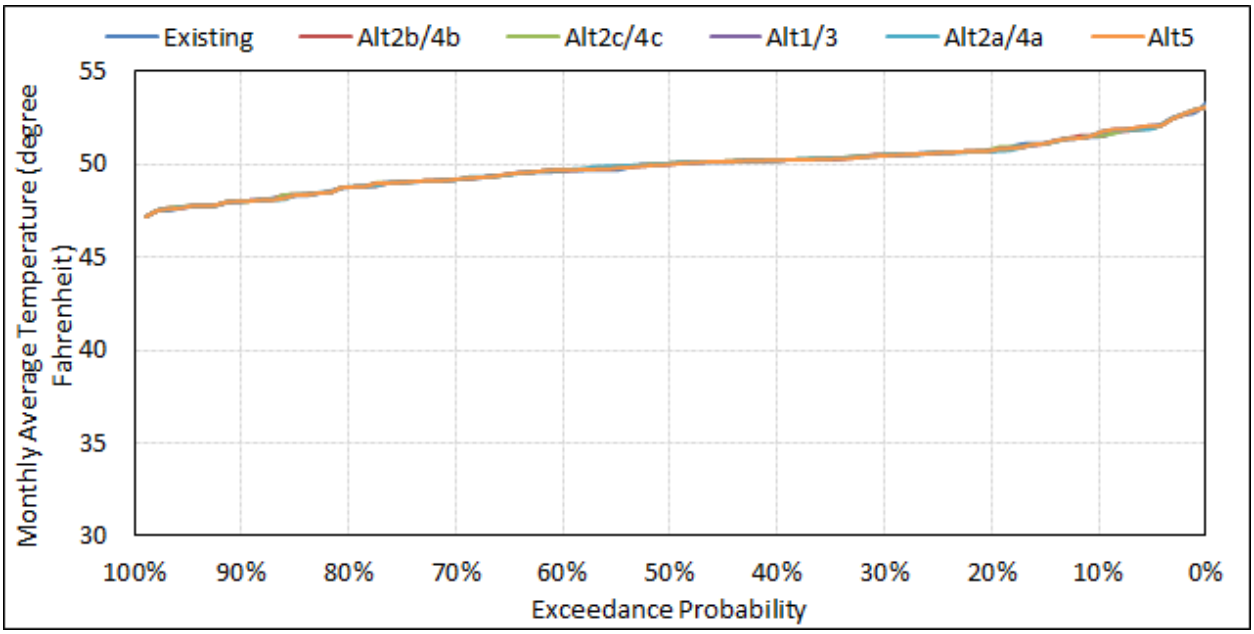


Figure 5A-D1.23.10. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

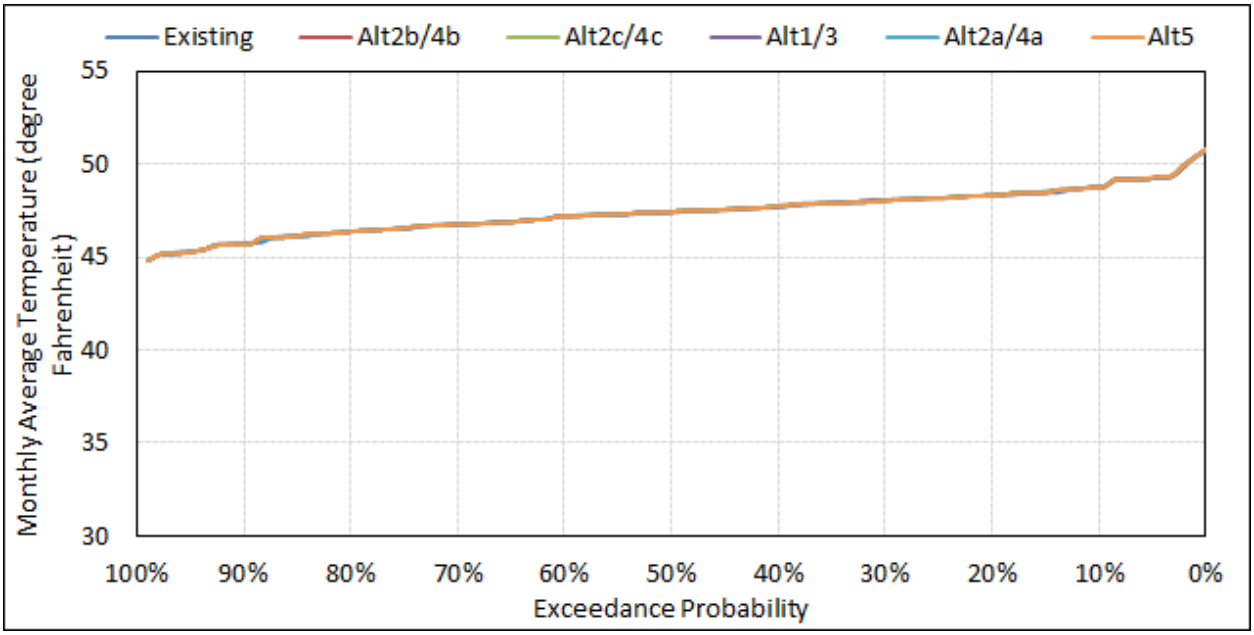


Figure 5A-D1.23.11. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

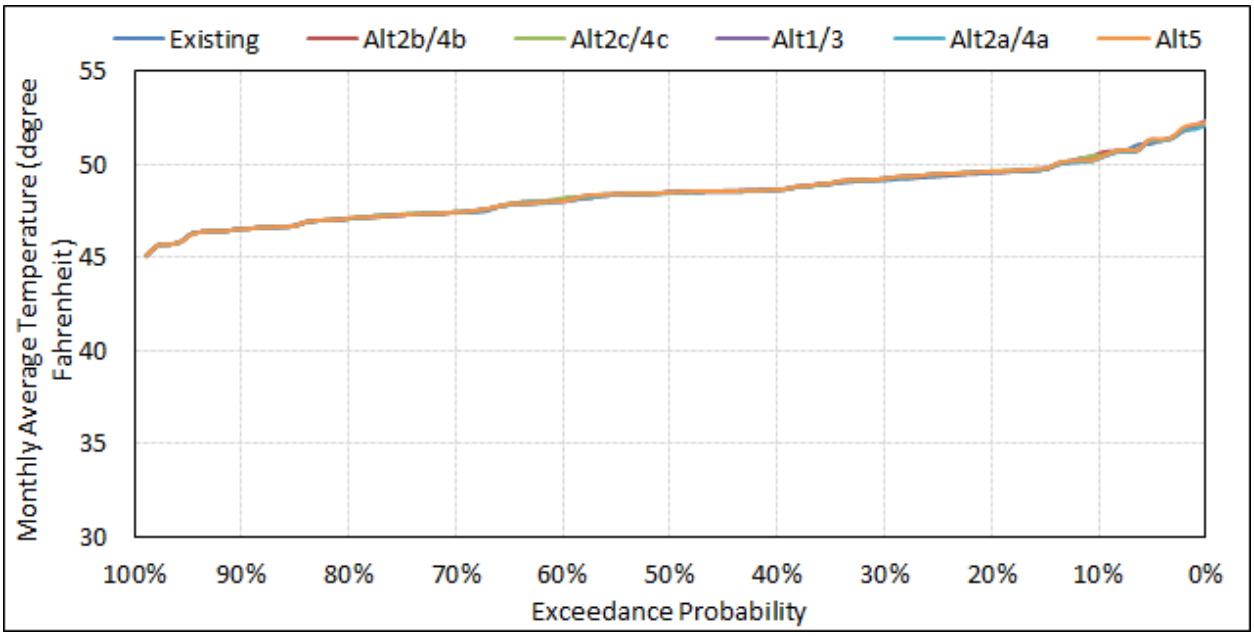


Figure 5A-D1.23.12. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

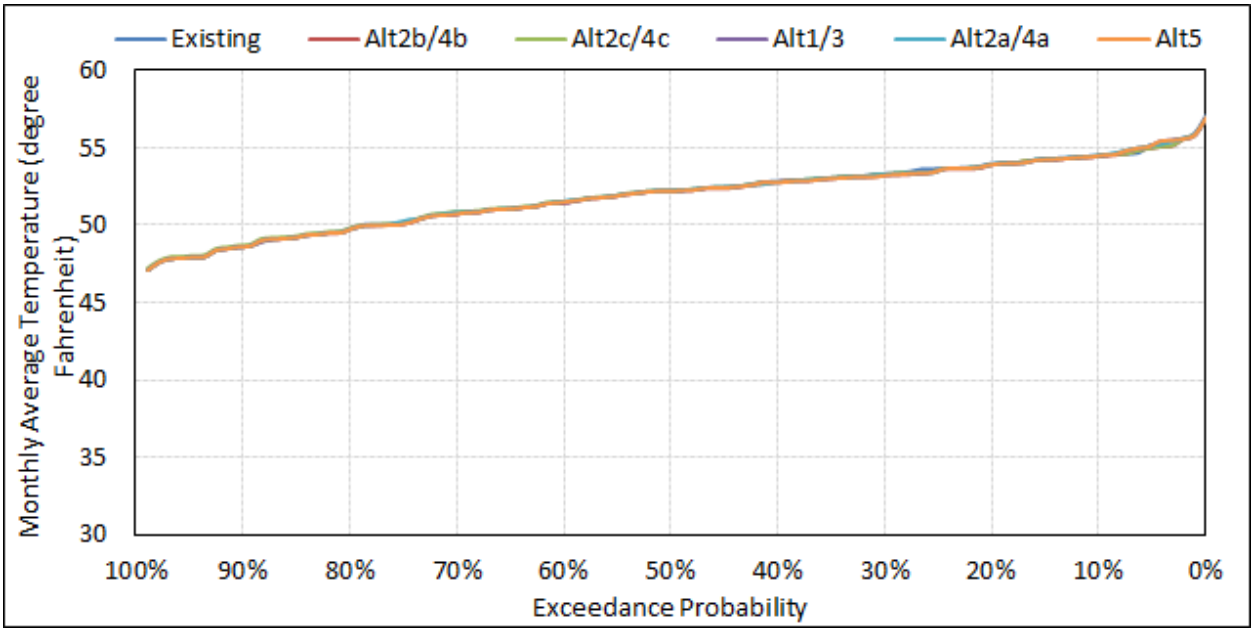


Figure 5A-D1.23.13. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

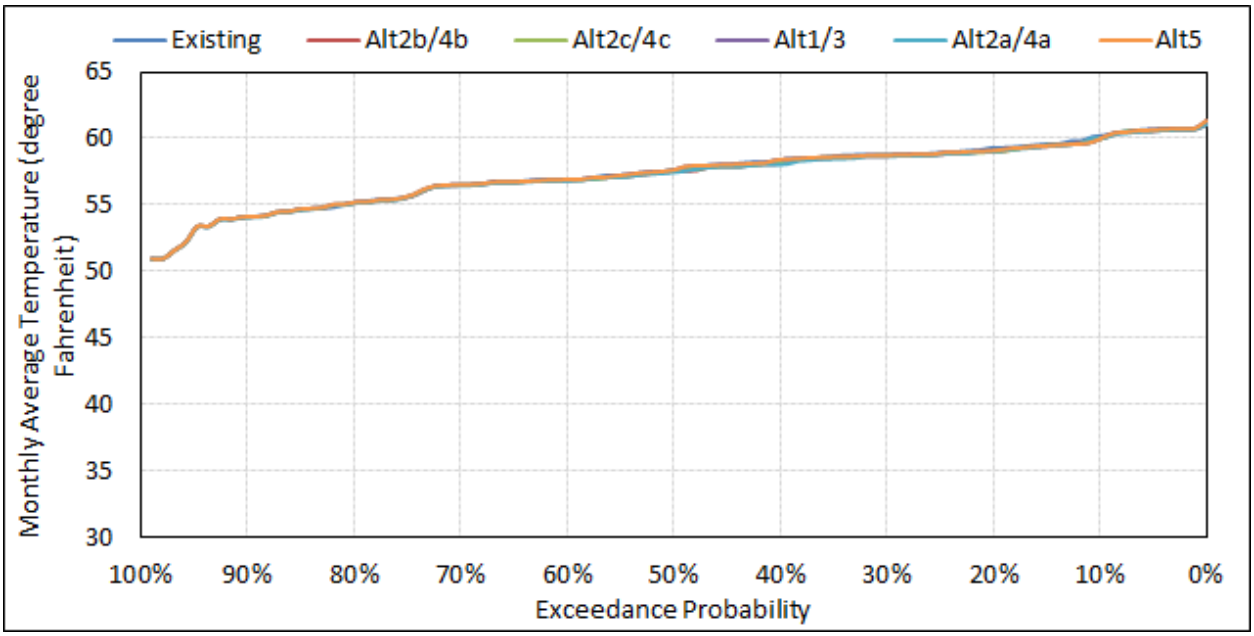


Figure 5A-D1.23.14. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

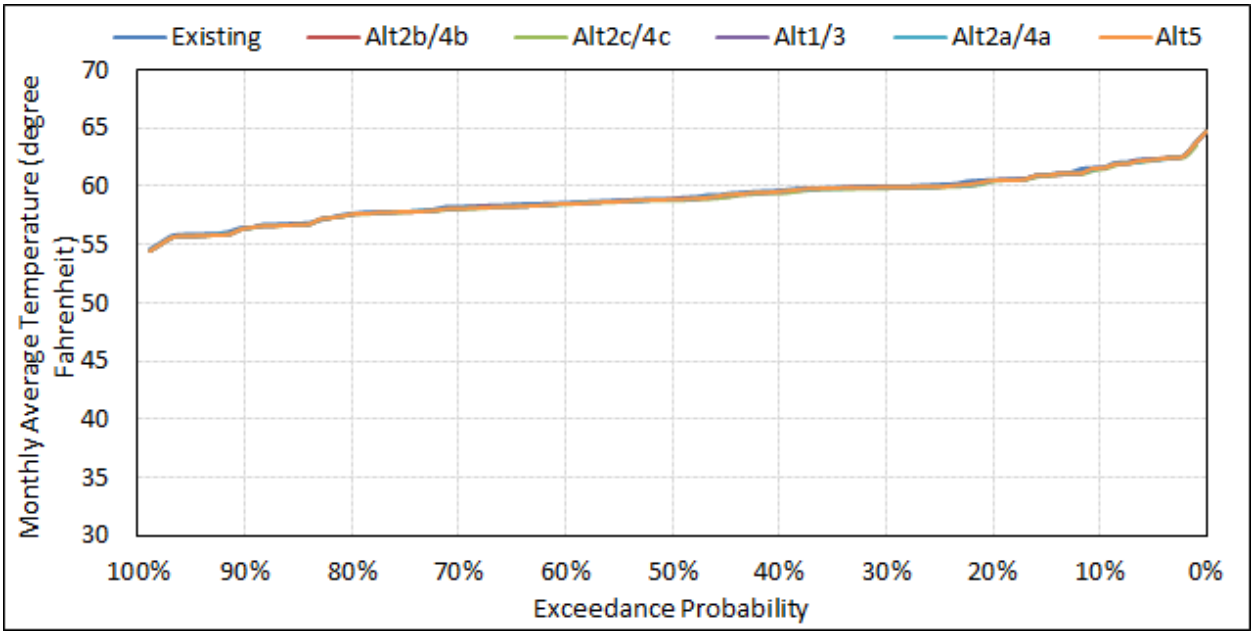


Figure 5A-D1.23.15. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

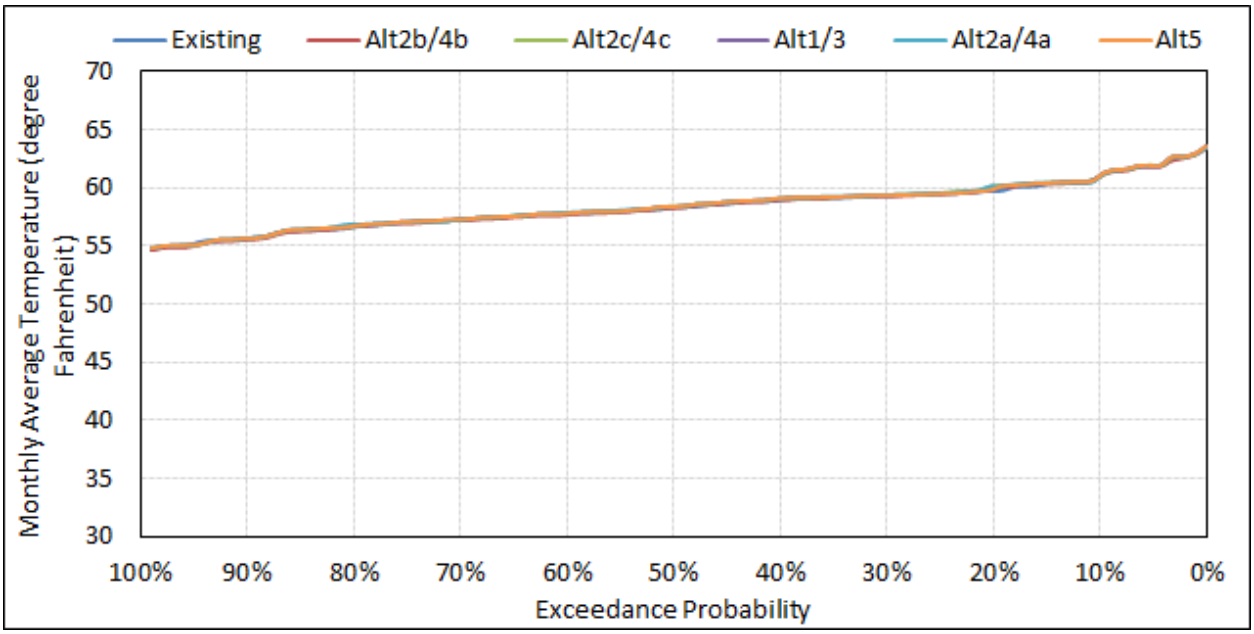


Figure 5A-D1.23.16. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

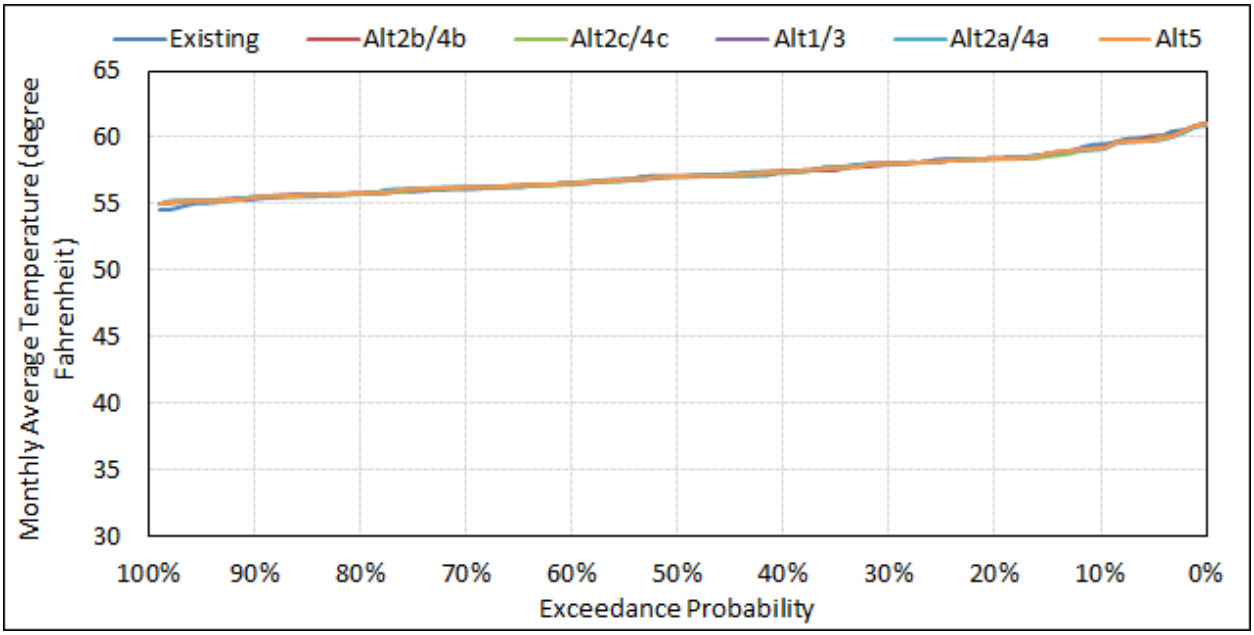


Figure 5A-D1.23.17. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

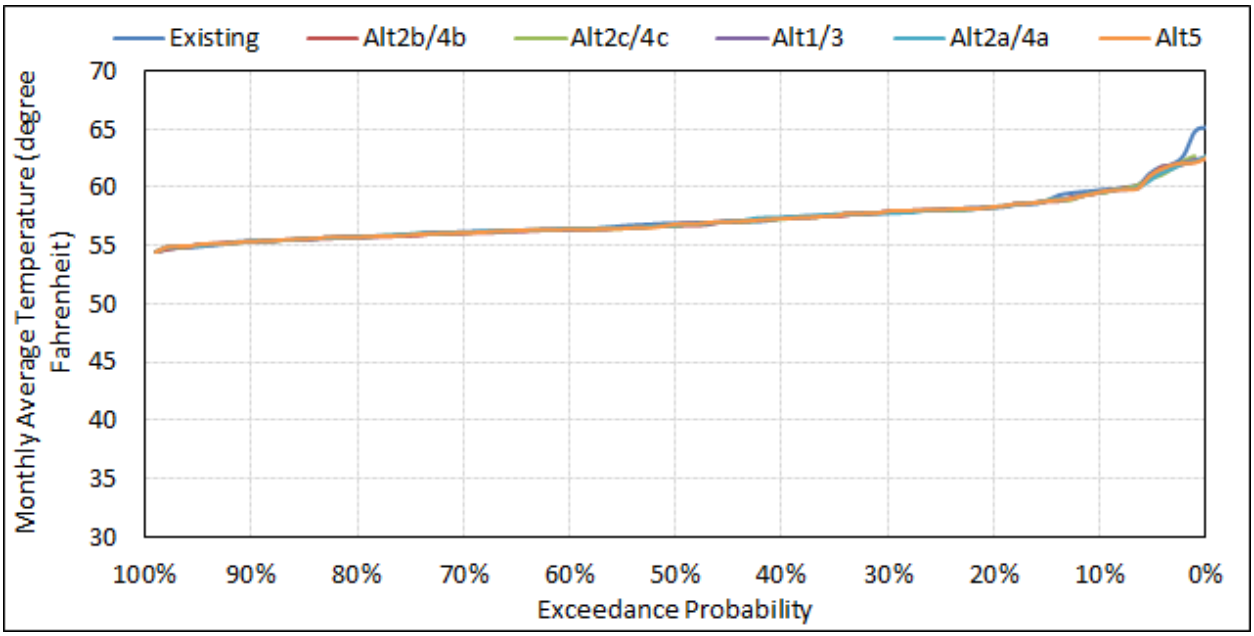


Figure 5A-D1.23.18. Sacramento River at Red Bluff, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

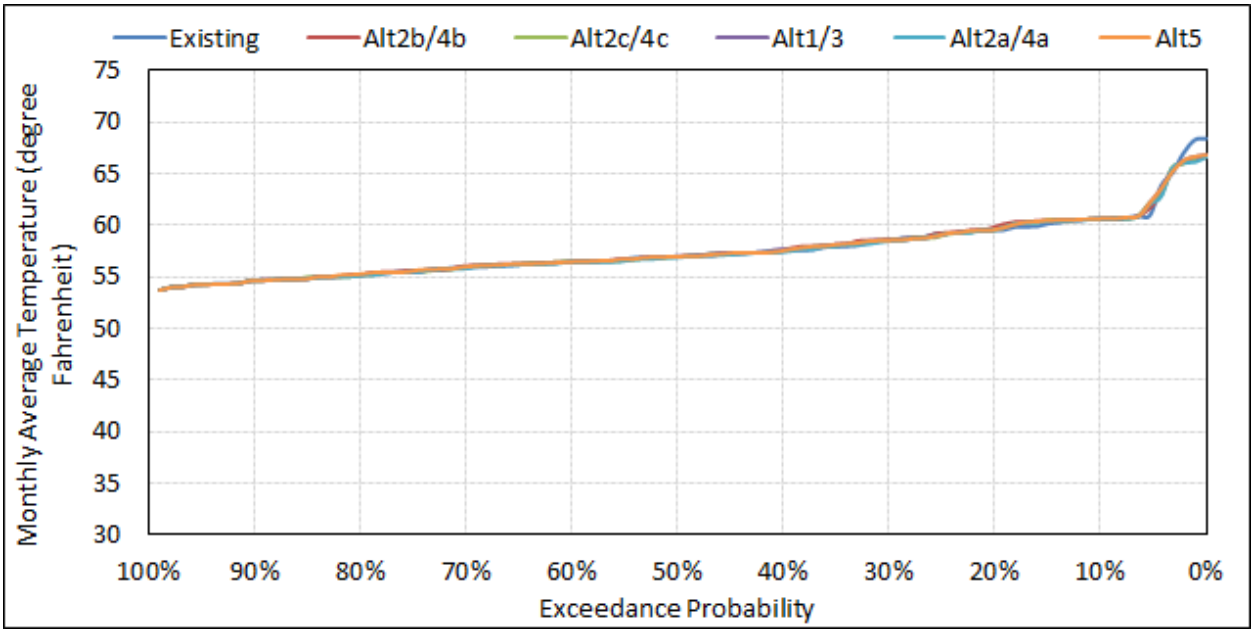
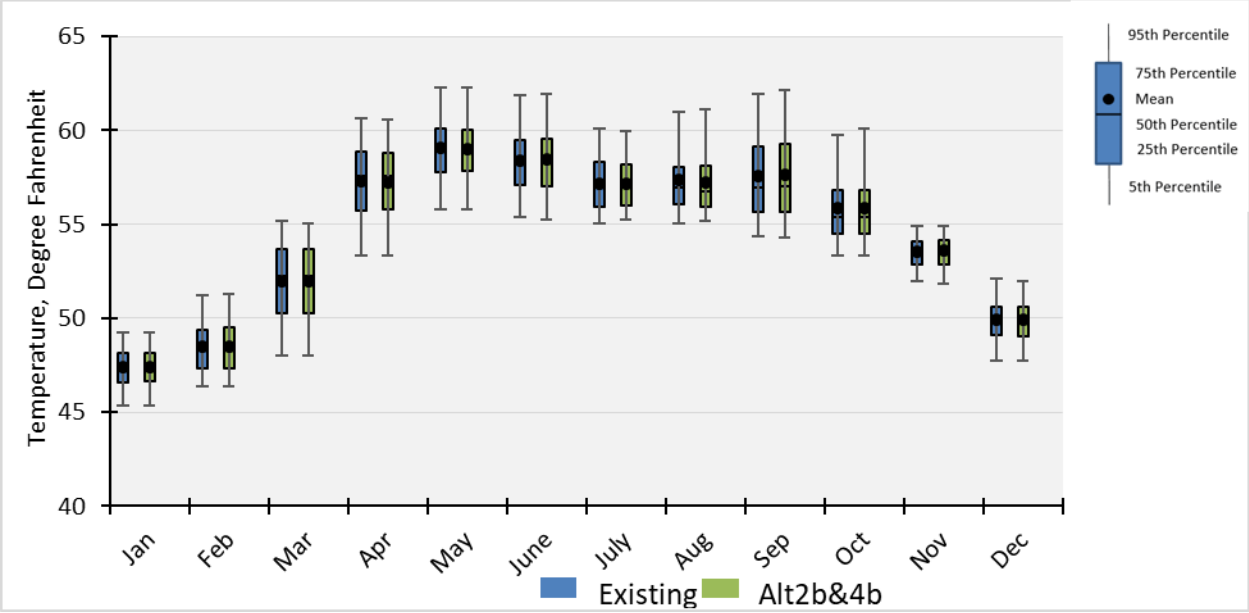


Figure 5A-D1.23.19. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



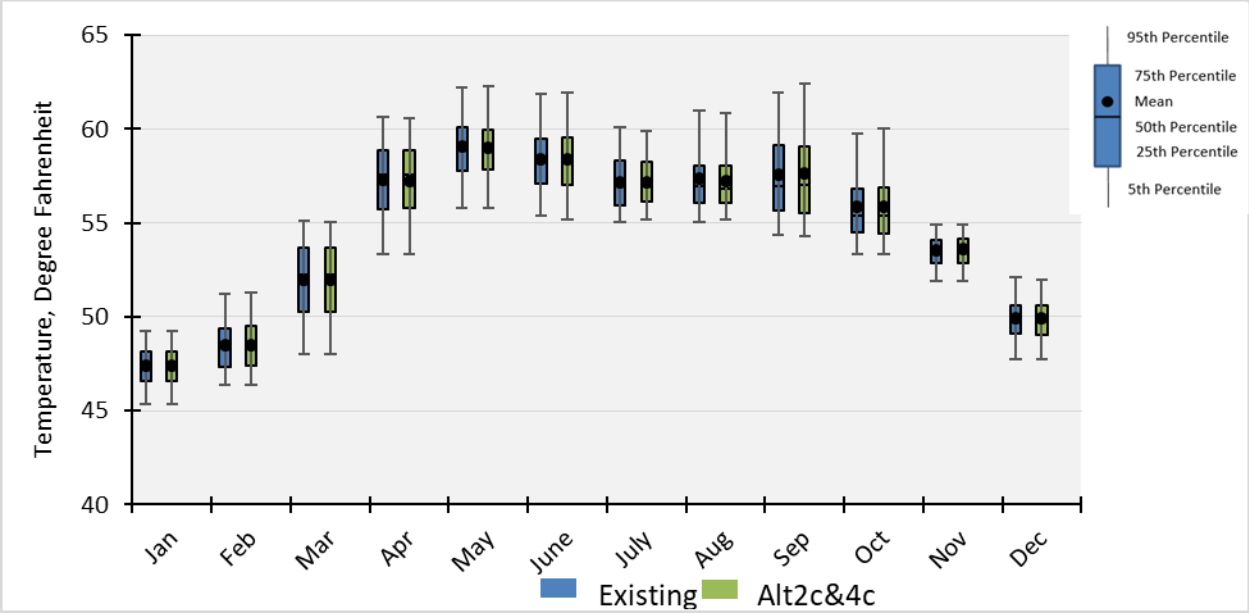
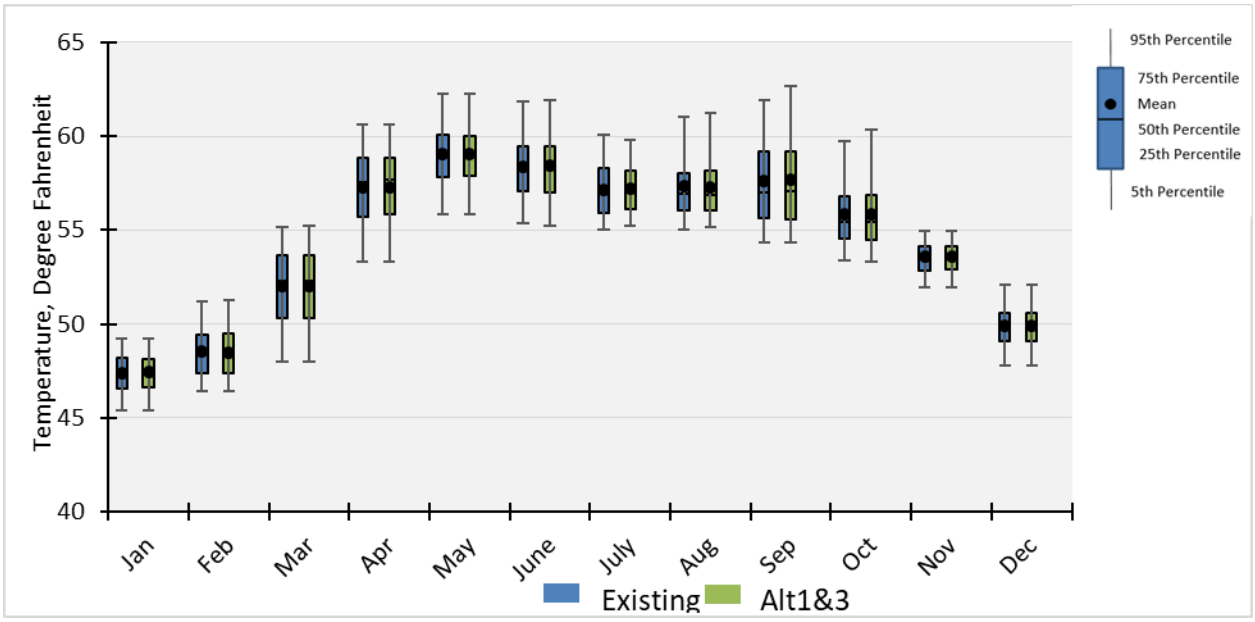


Figure 5A-D1.23.20. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



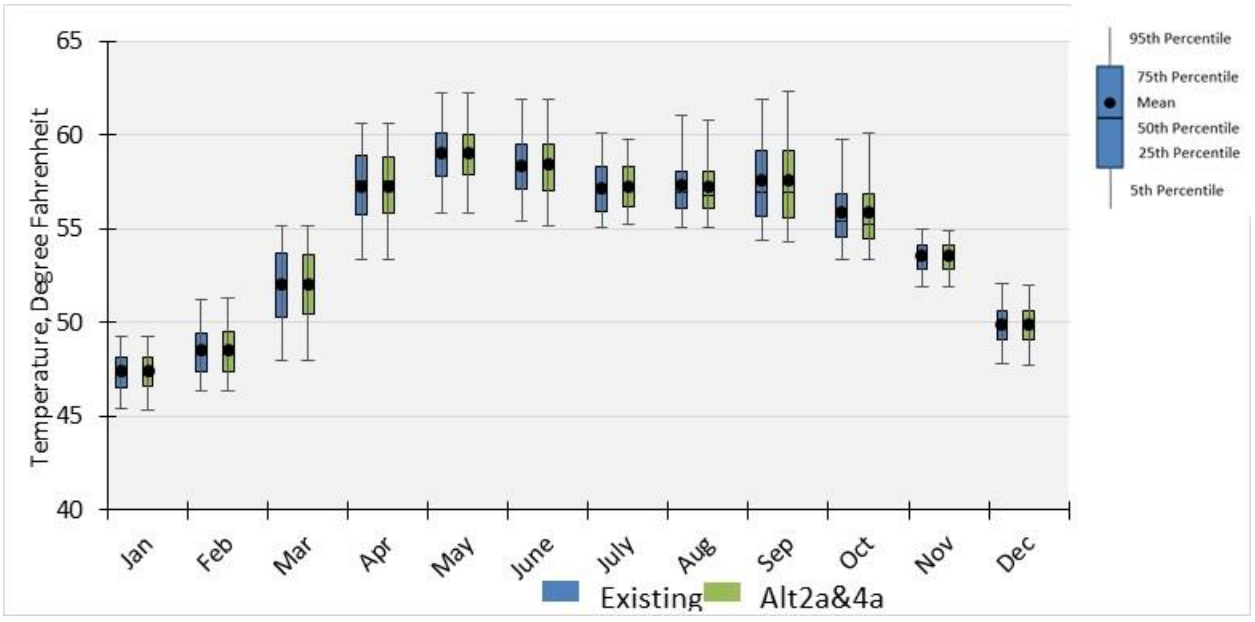


Figure 5A-D1.23.21. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

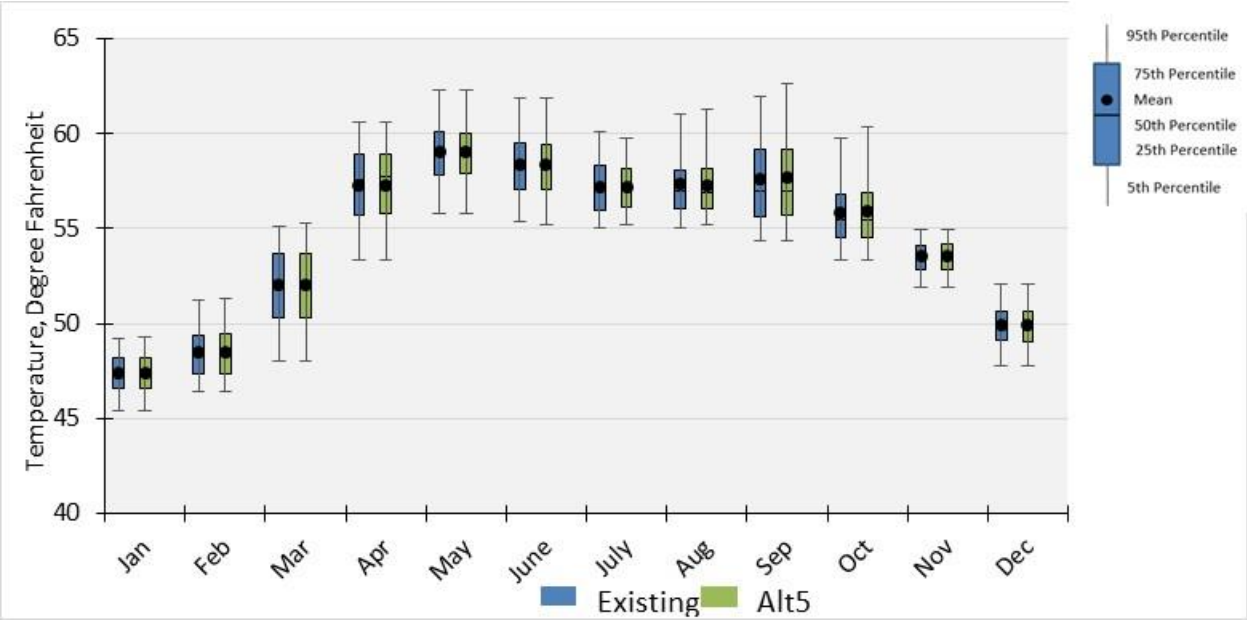
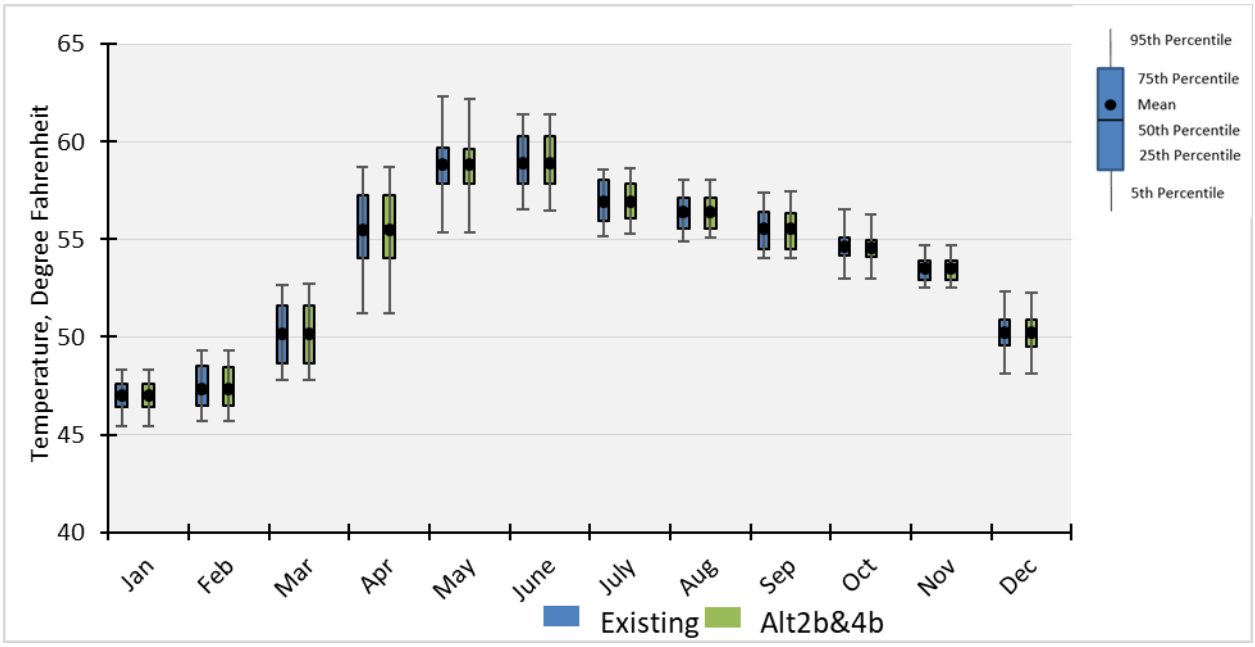


Figure 5A-D1.23.22. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



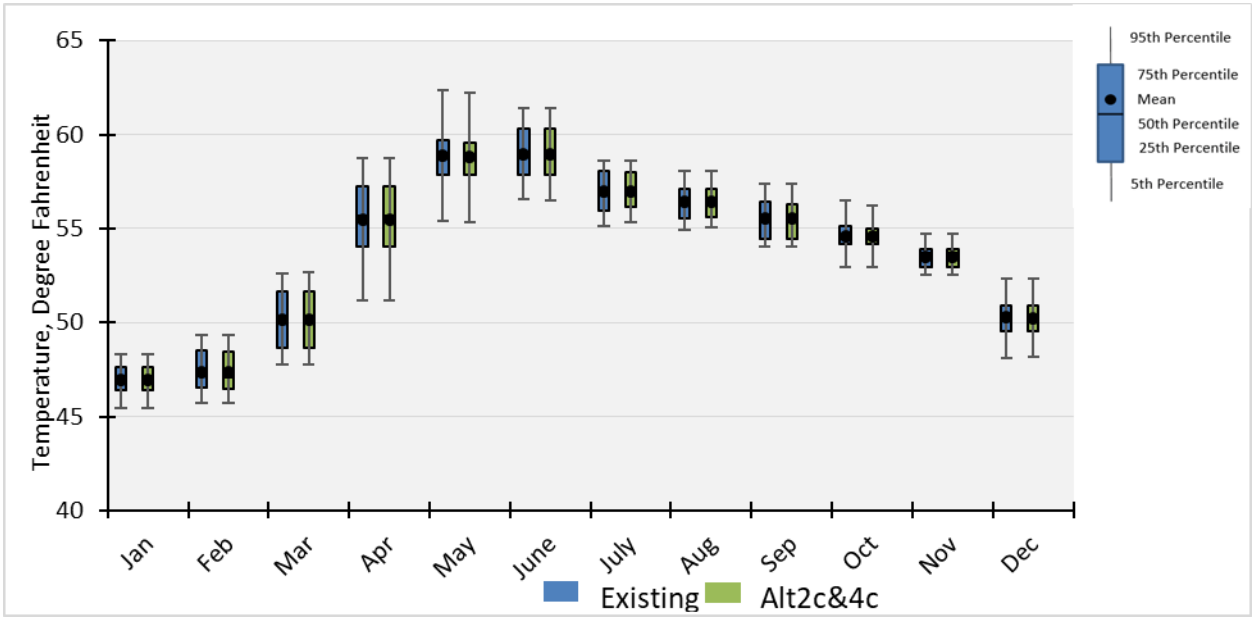
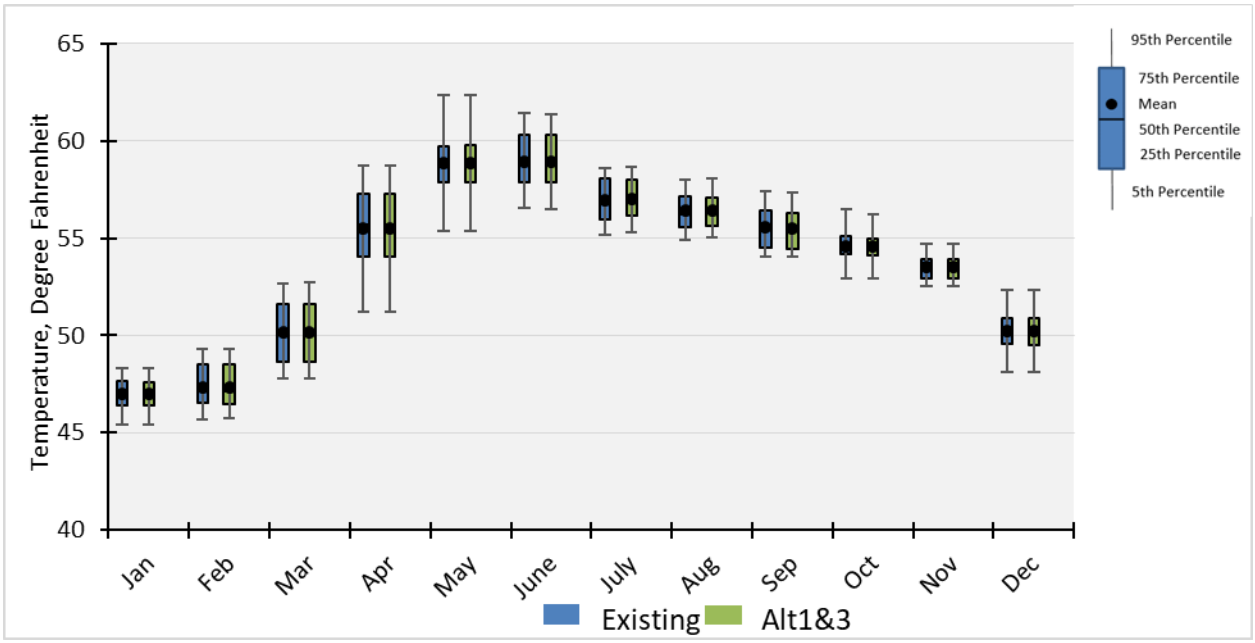


Figure 5A-D1.23.23. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



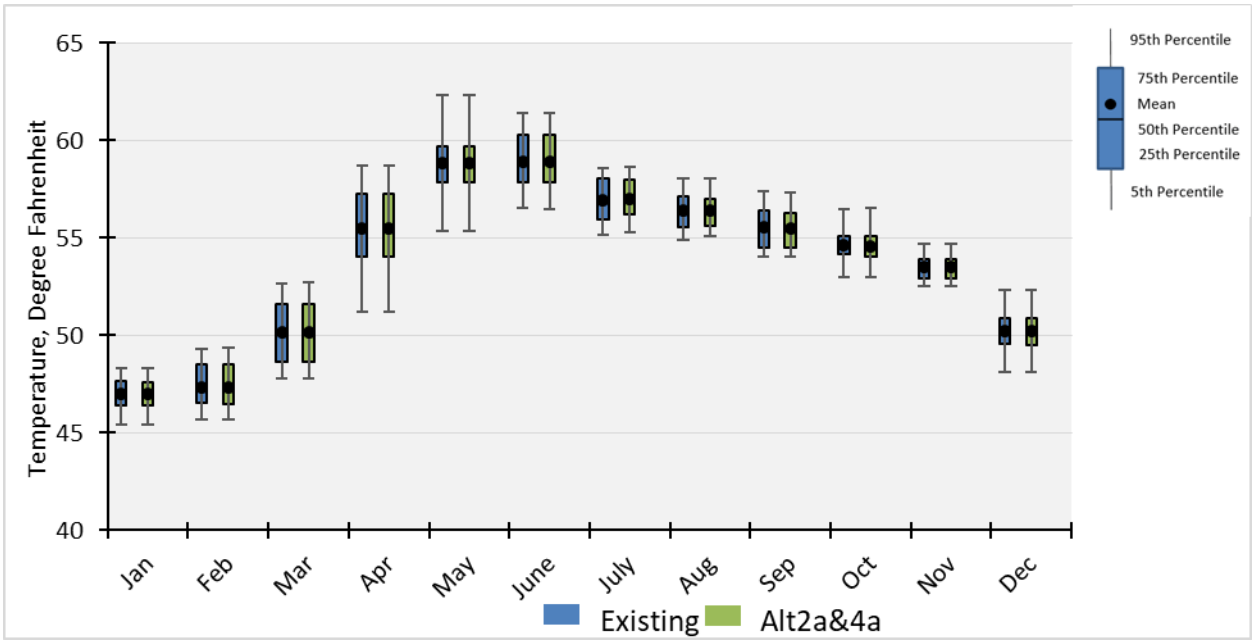


Figure 5A-D1.23.24. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

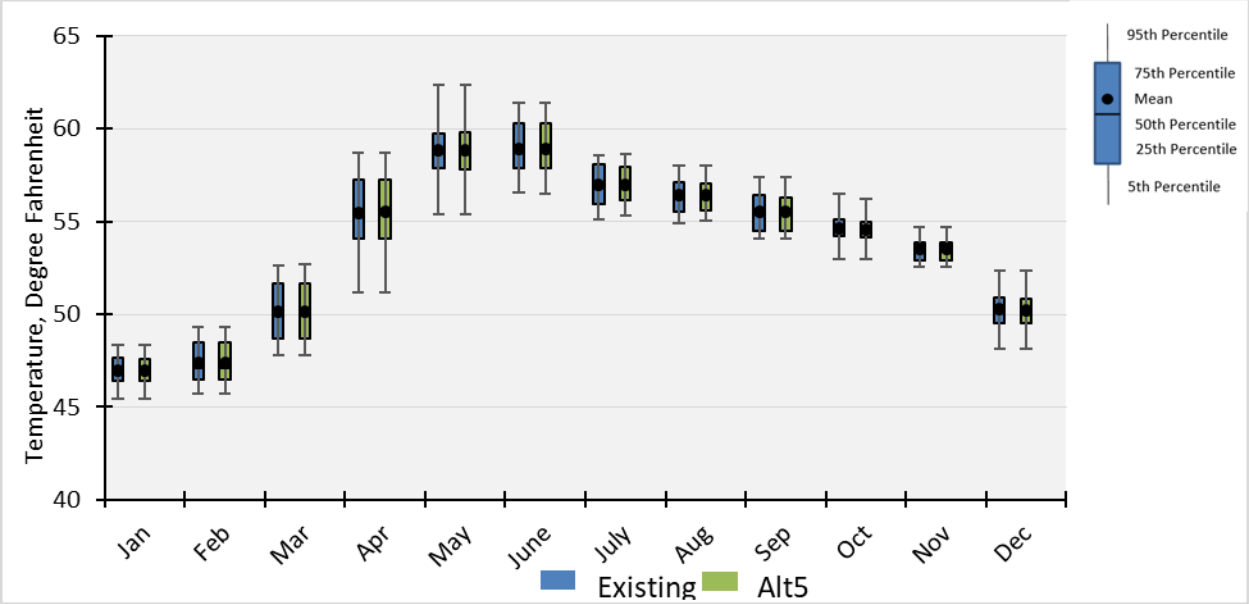
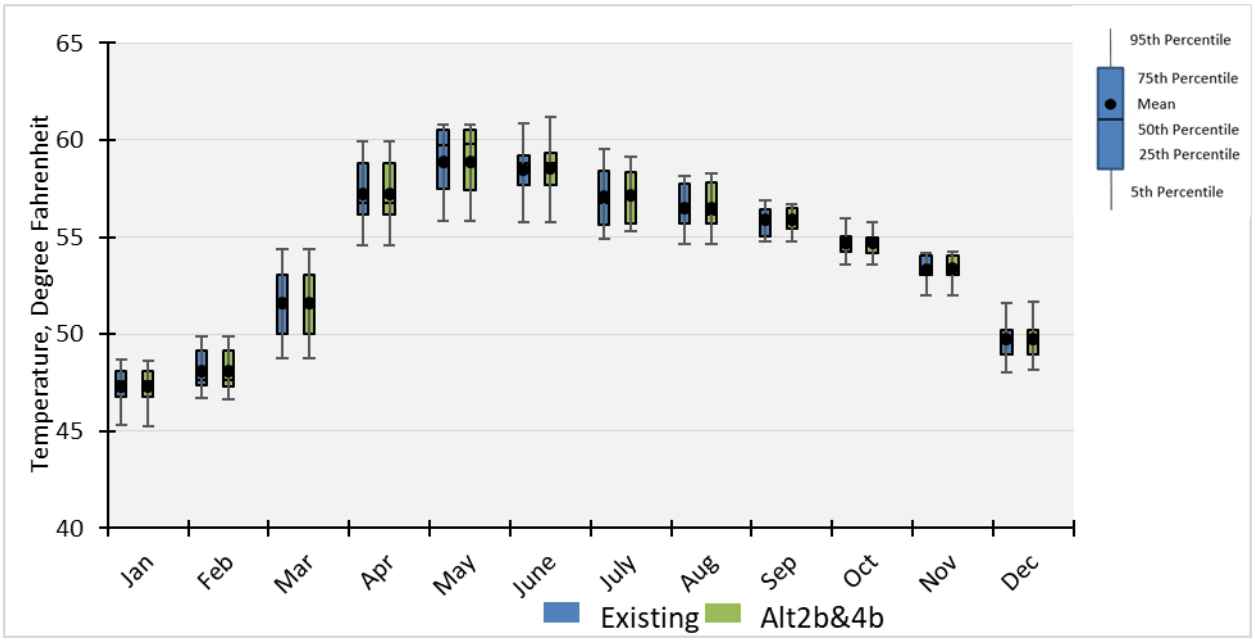


Figure 5A-D1.23.25. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



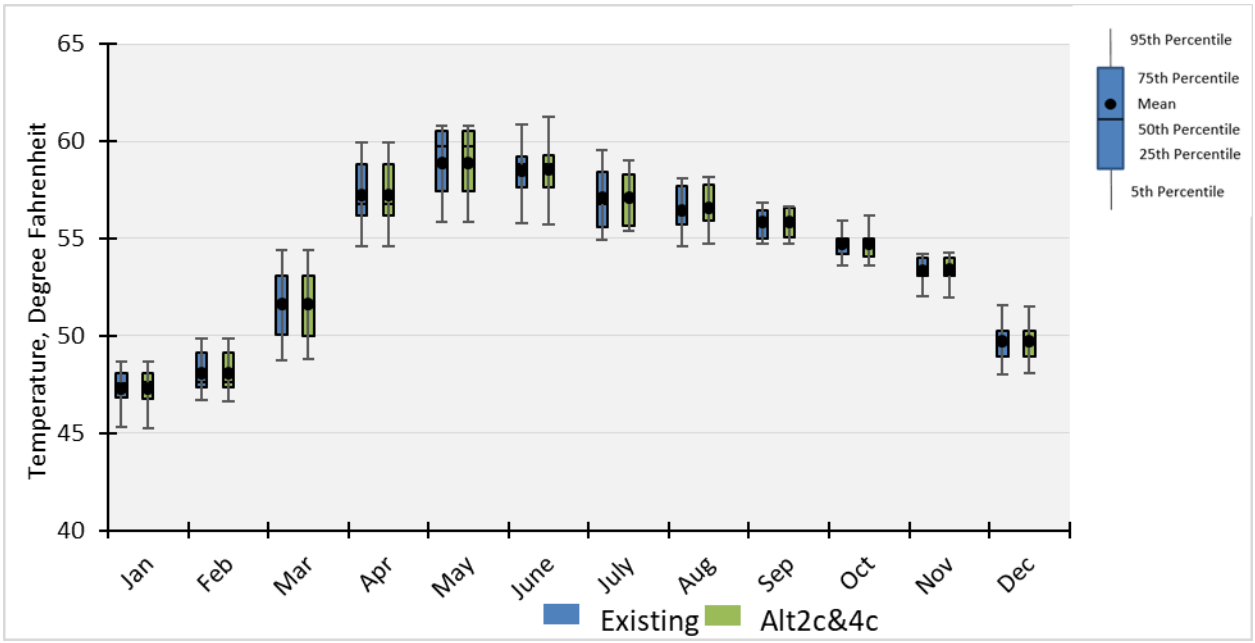
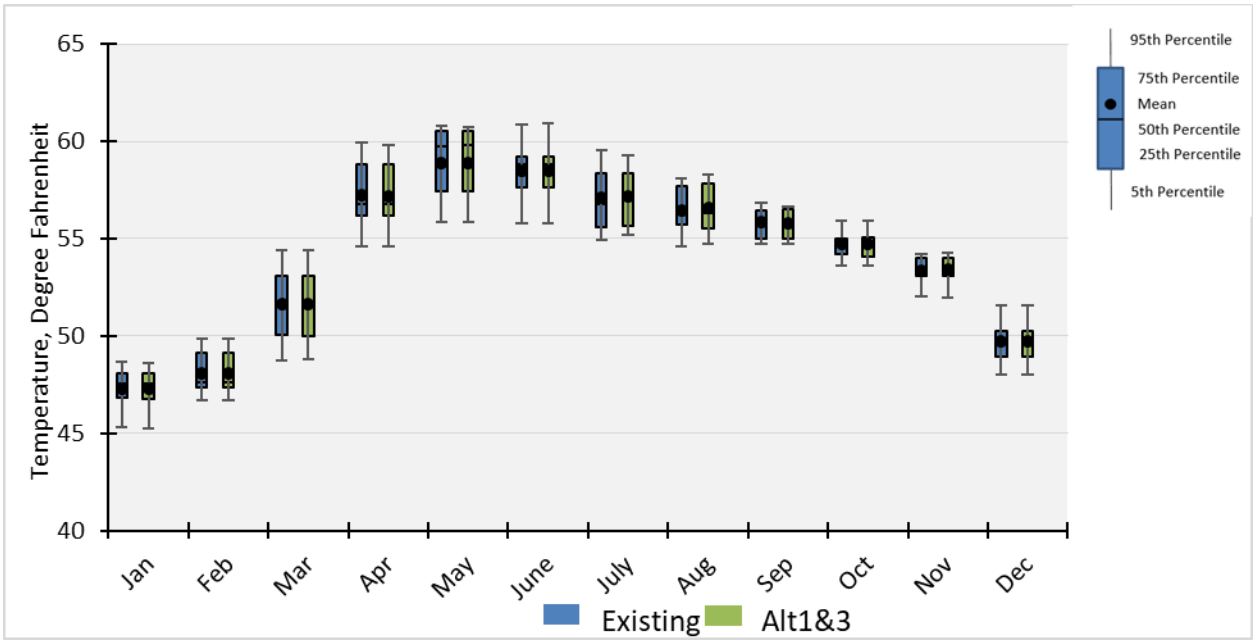


Figure 5A-D1.23.26. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



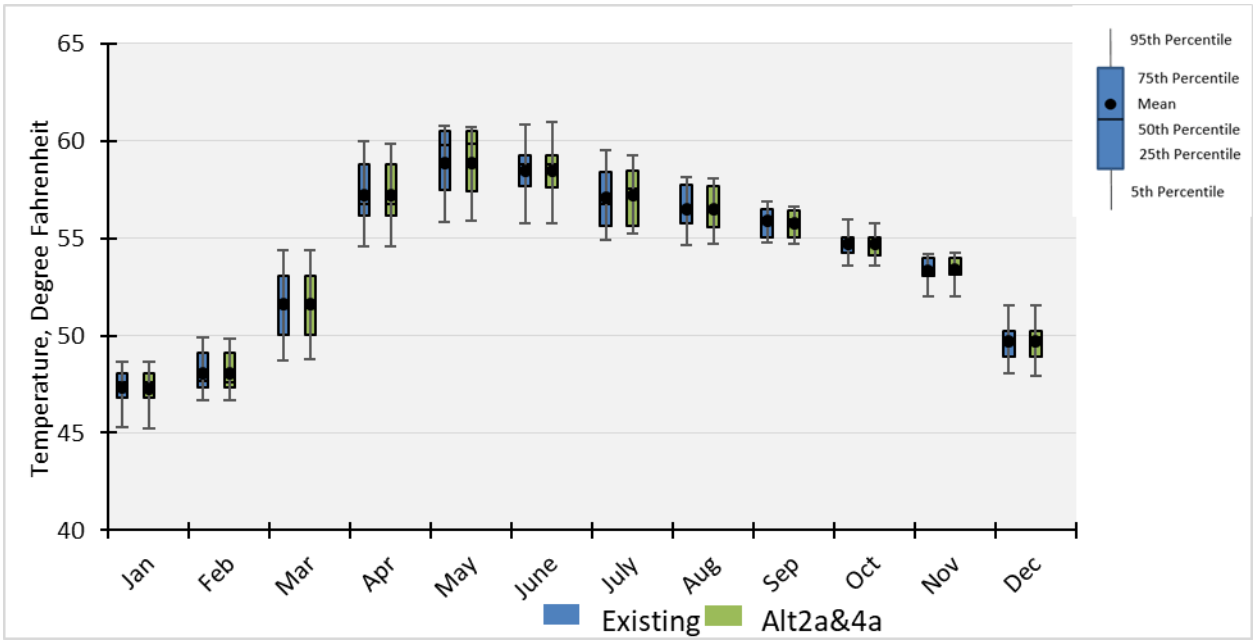


Figure 5A-D1.23.27. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

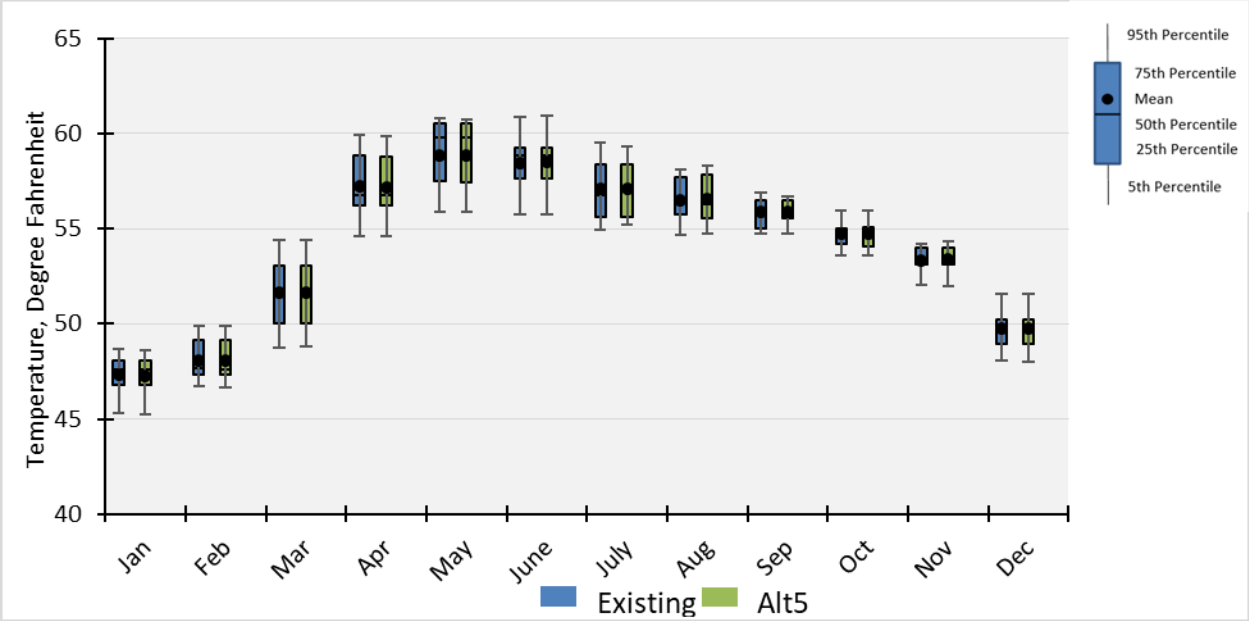
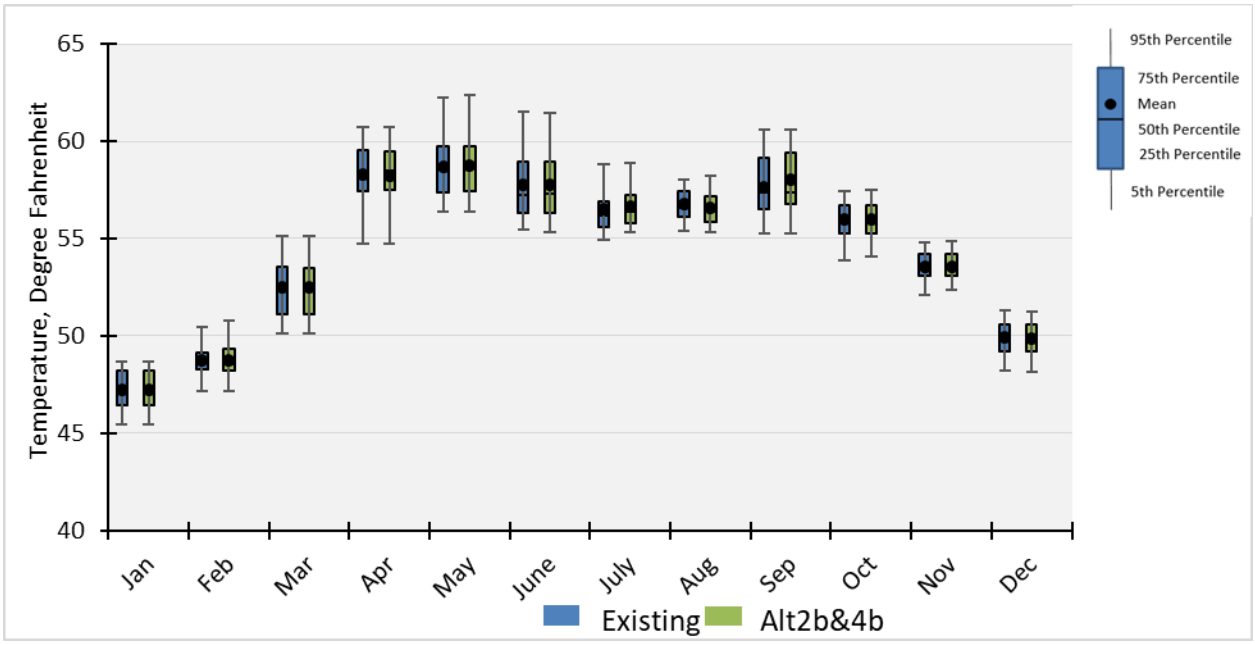


Figure 5A-D1.23.28. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



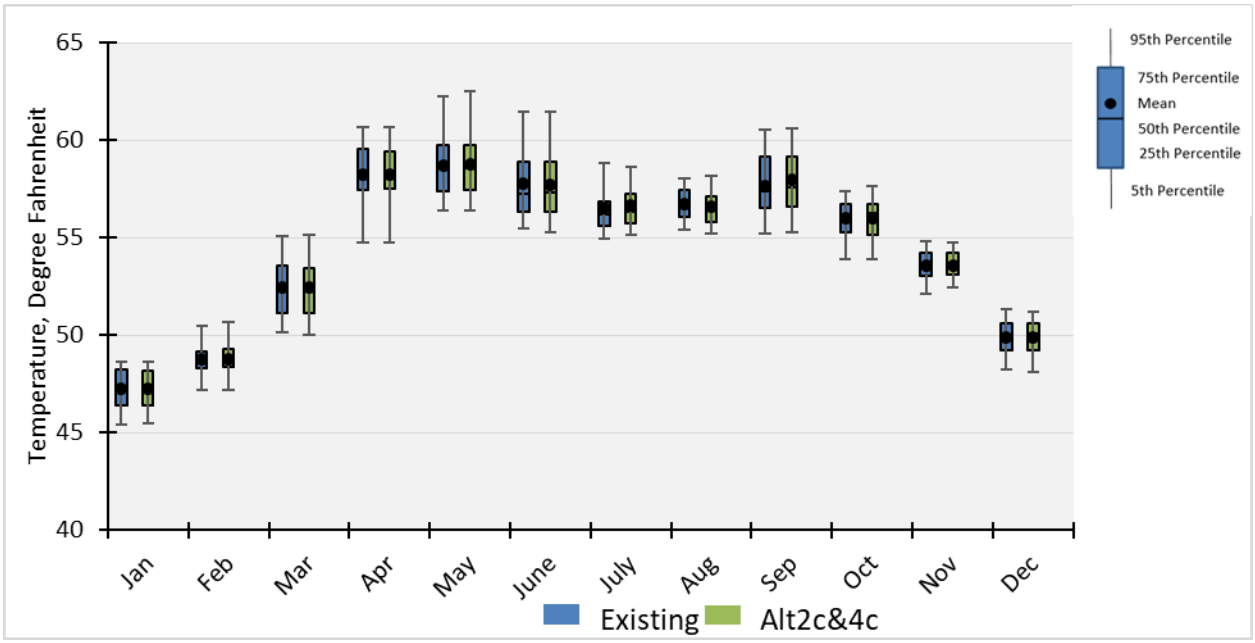
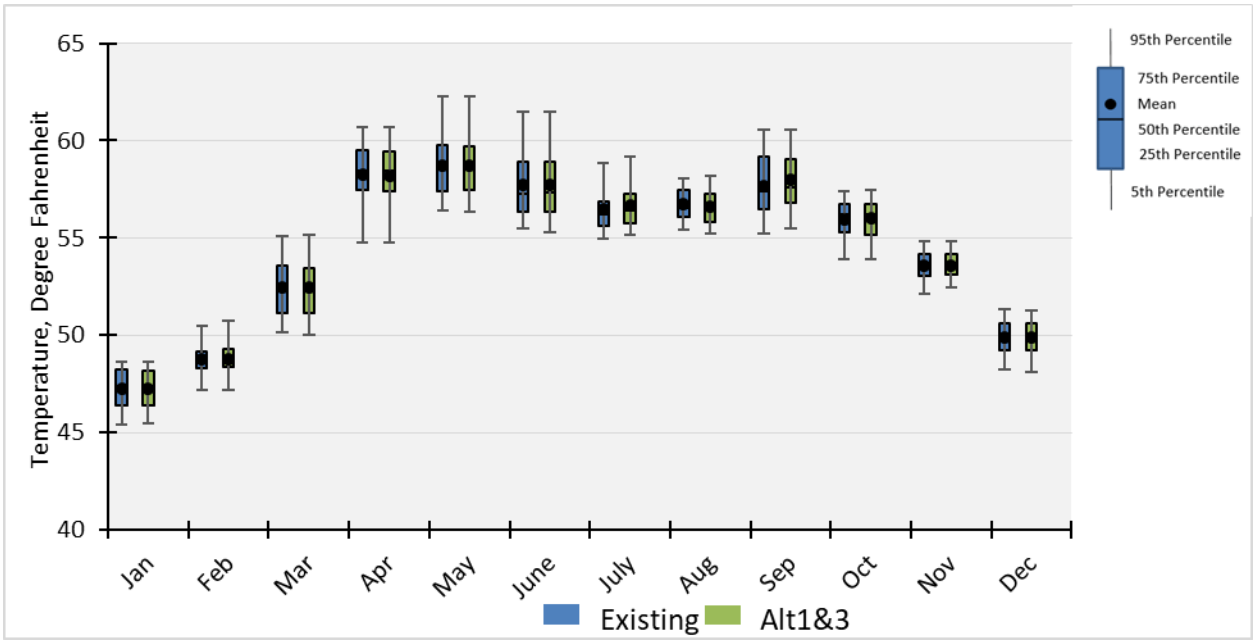


Figure 5A-D1.23.29. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



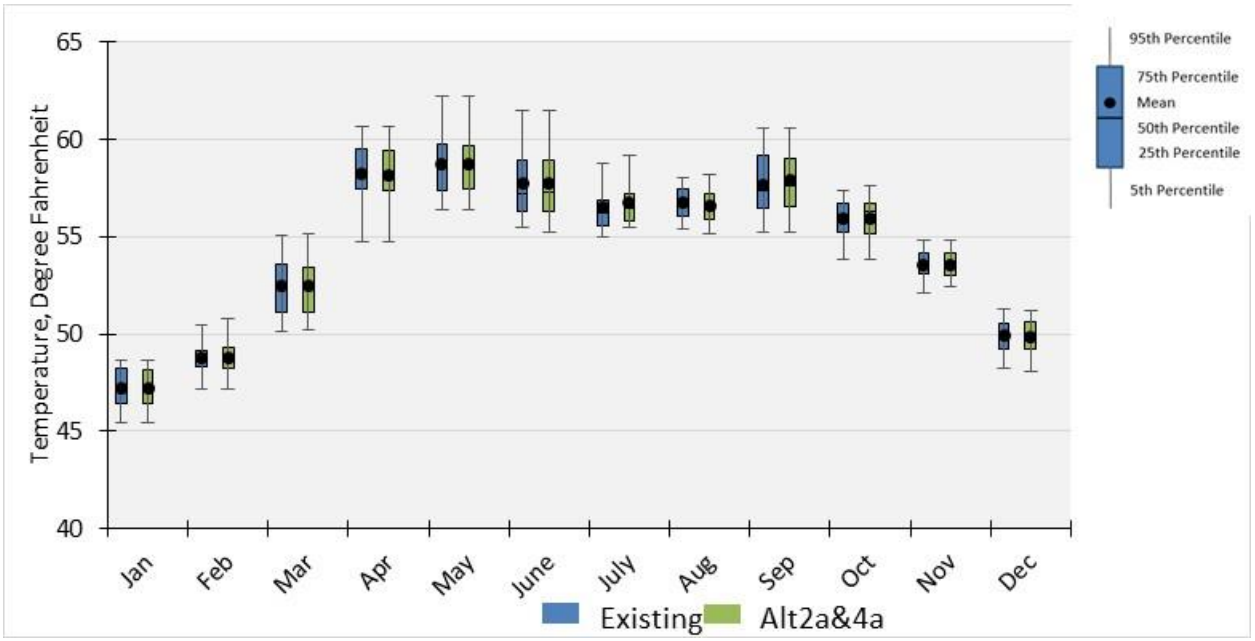


Figure 5A-D1.23.30. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

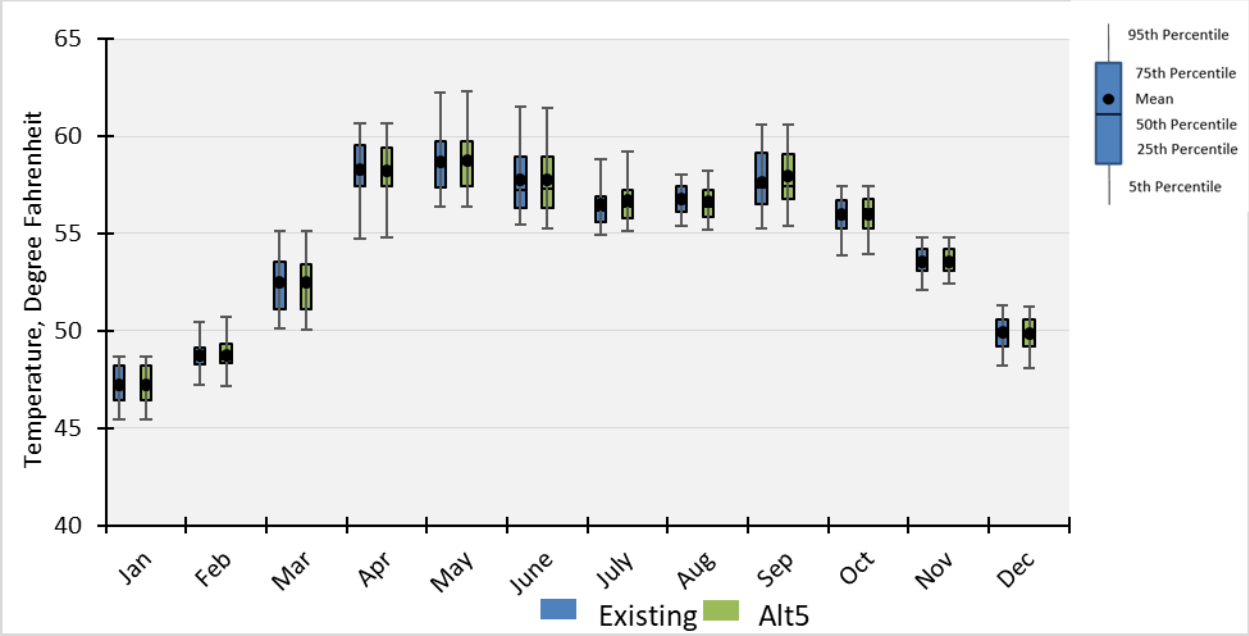
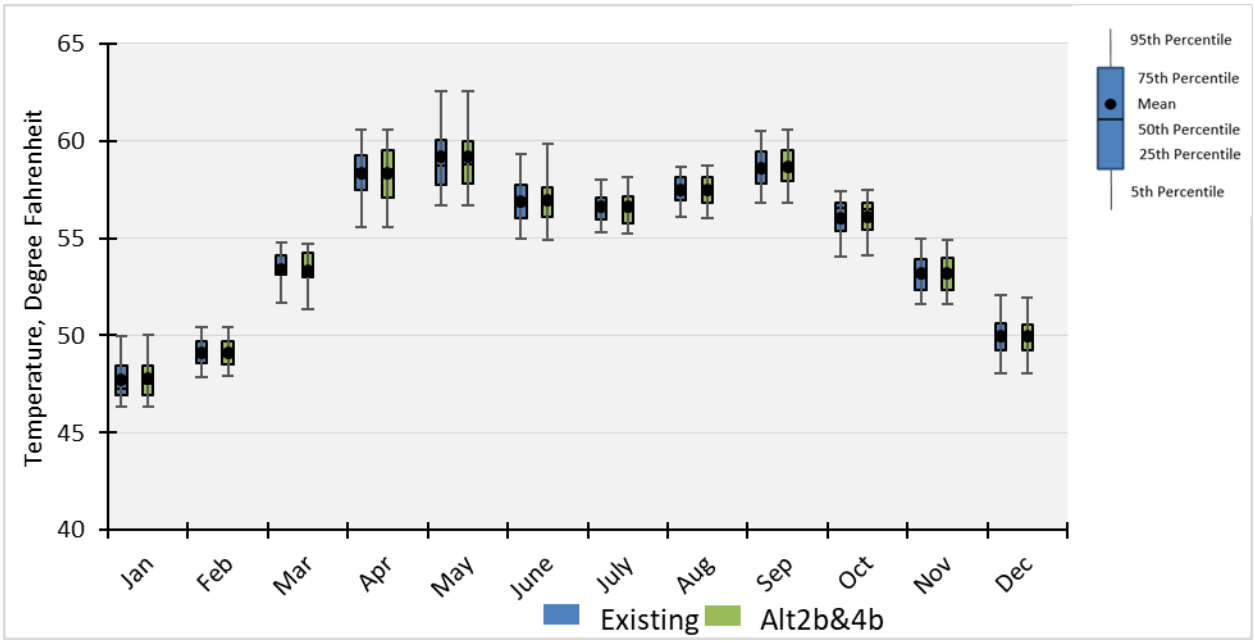


Figure 5A-D1.23.31. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



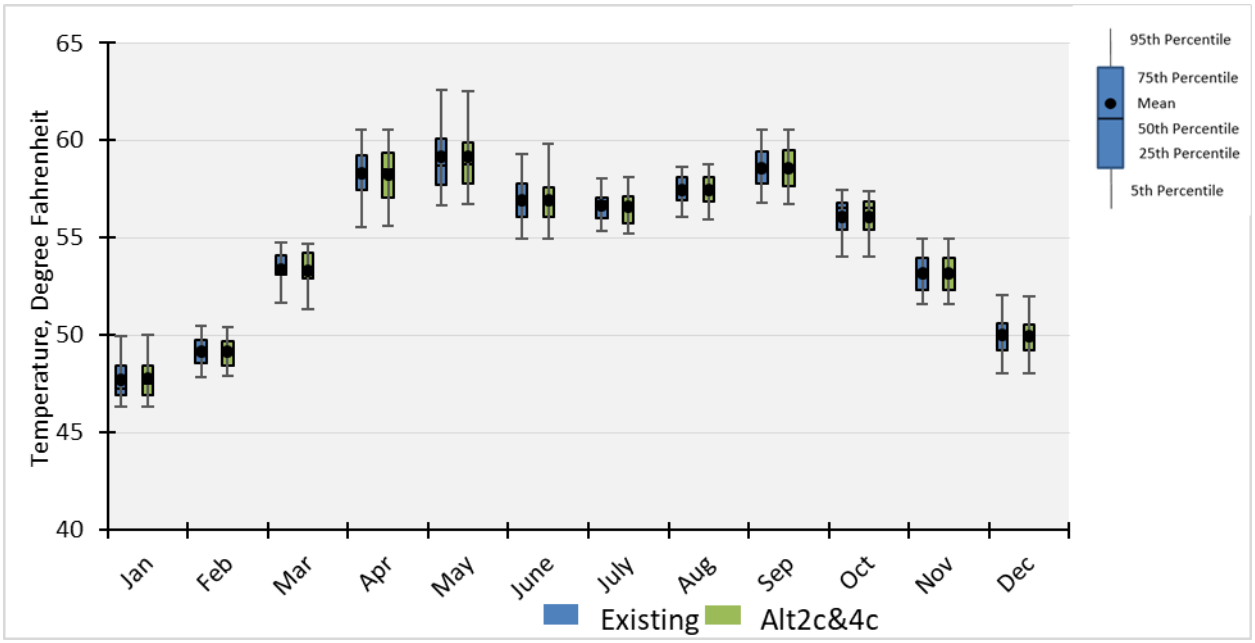
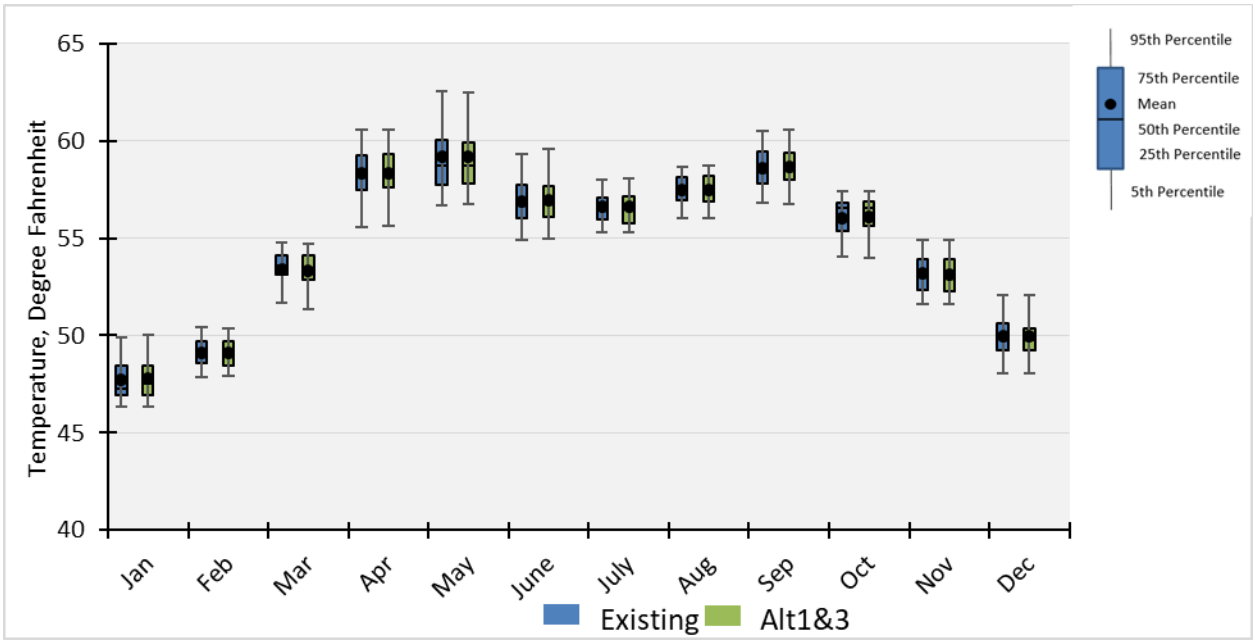


Figure 5A-D1.23.32. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



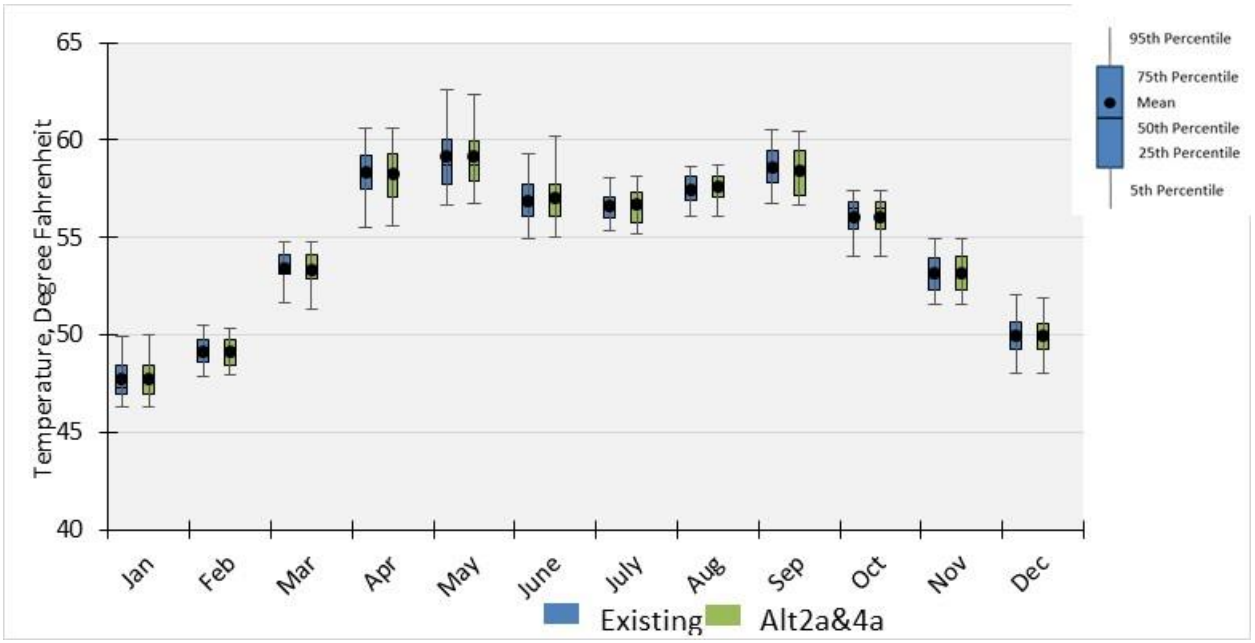


Figure 5A-D1.23.33. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

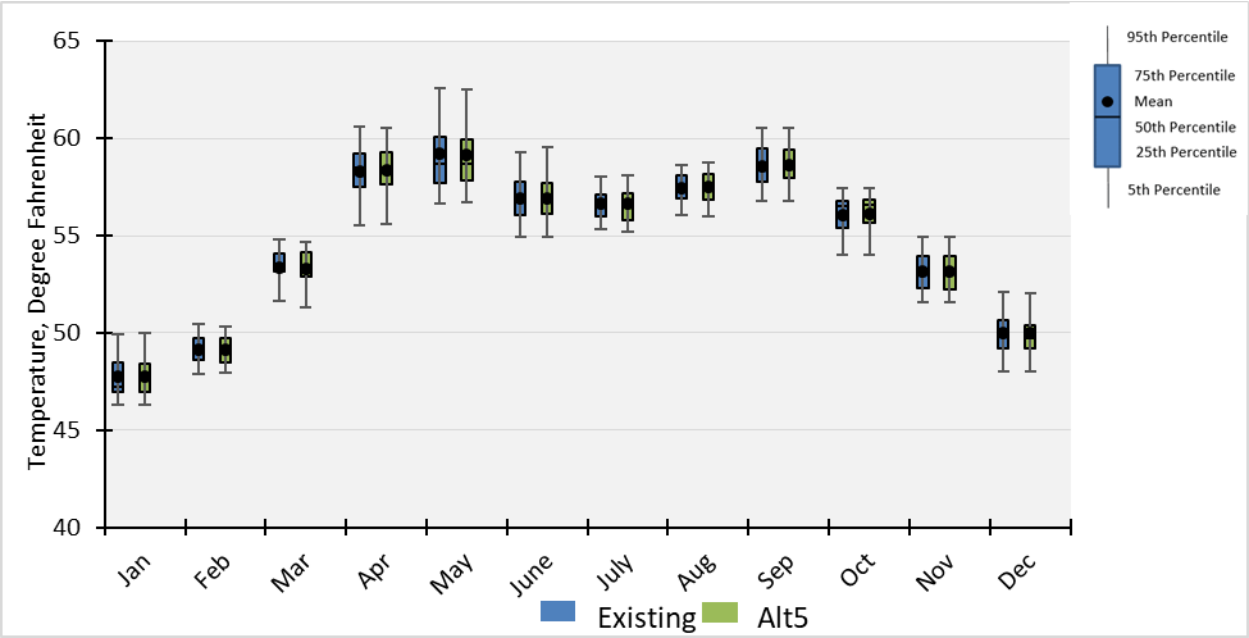


Figure 5A-D1.23.34. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions

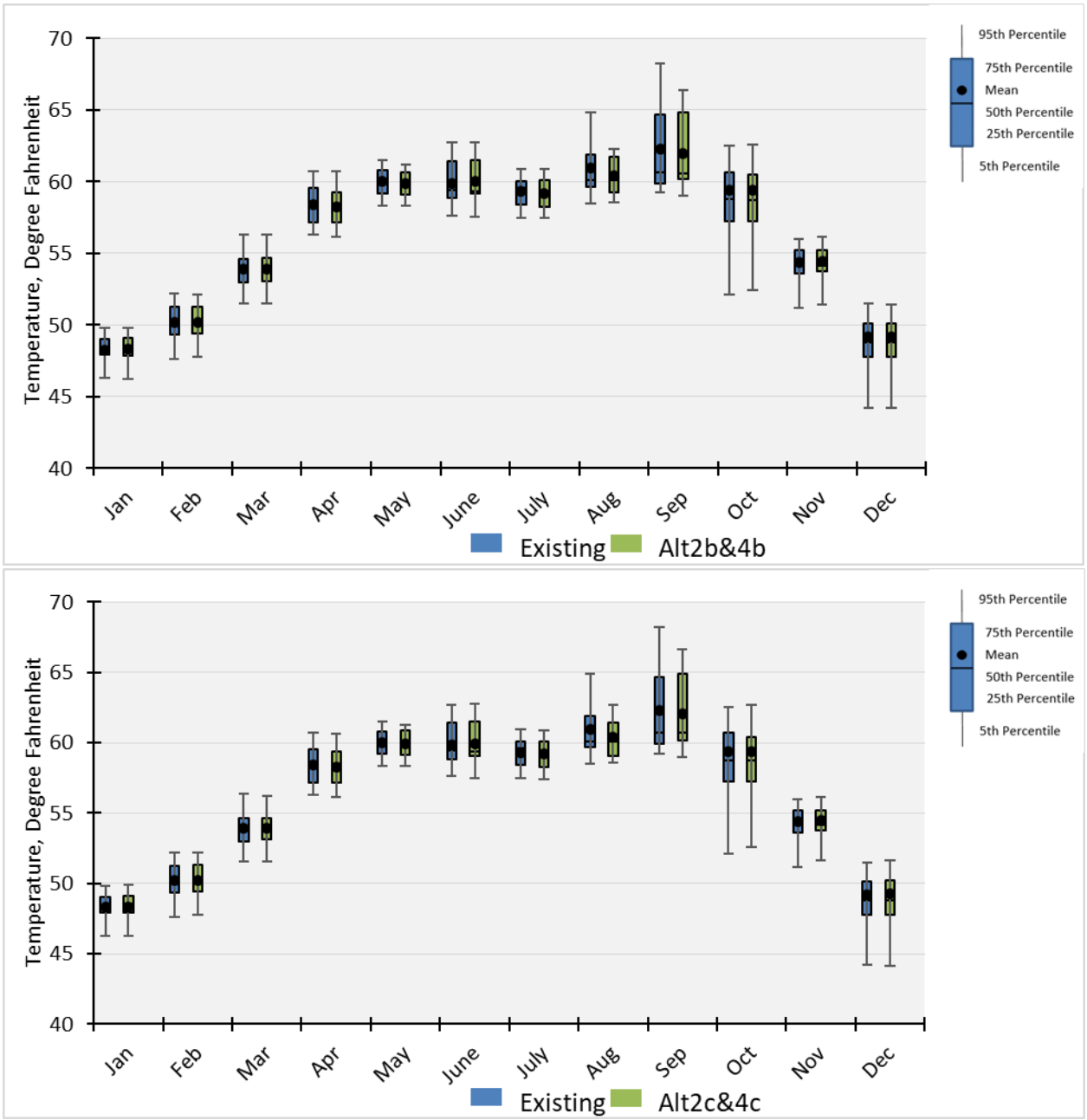
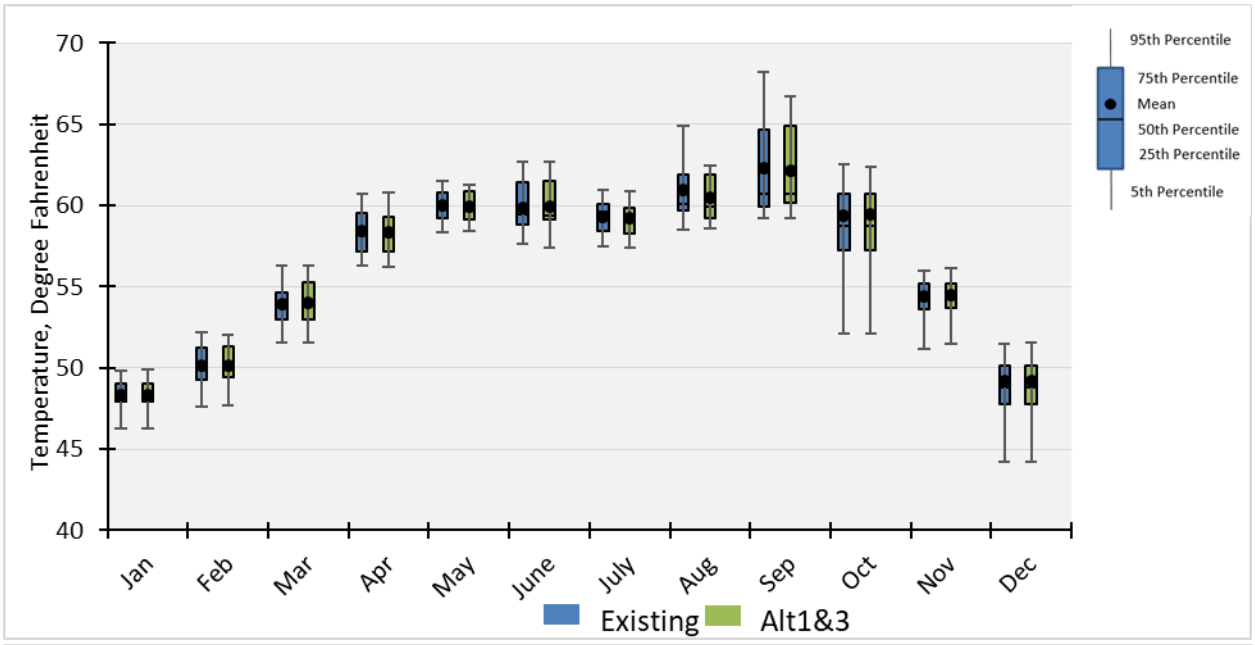


Figure 5A-D1.23.35. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



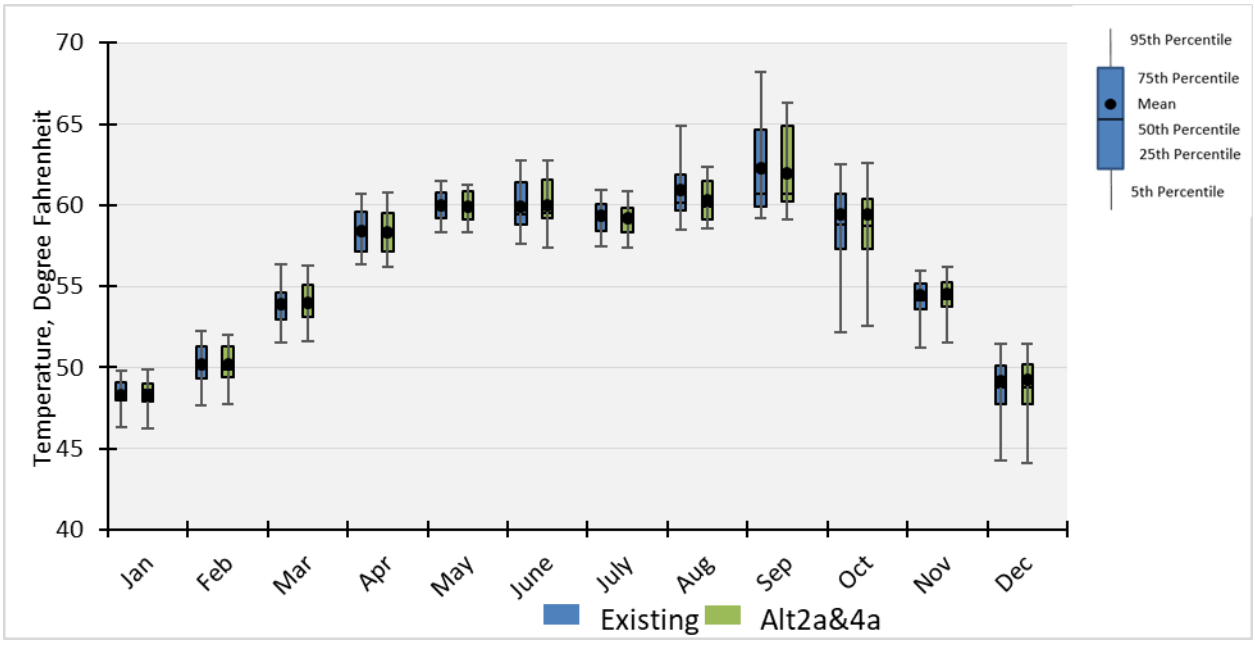


Figure 5A-D1.23.36. Sacramento River at Red Bluff, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

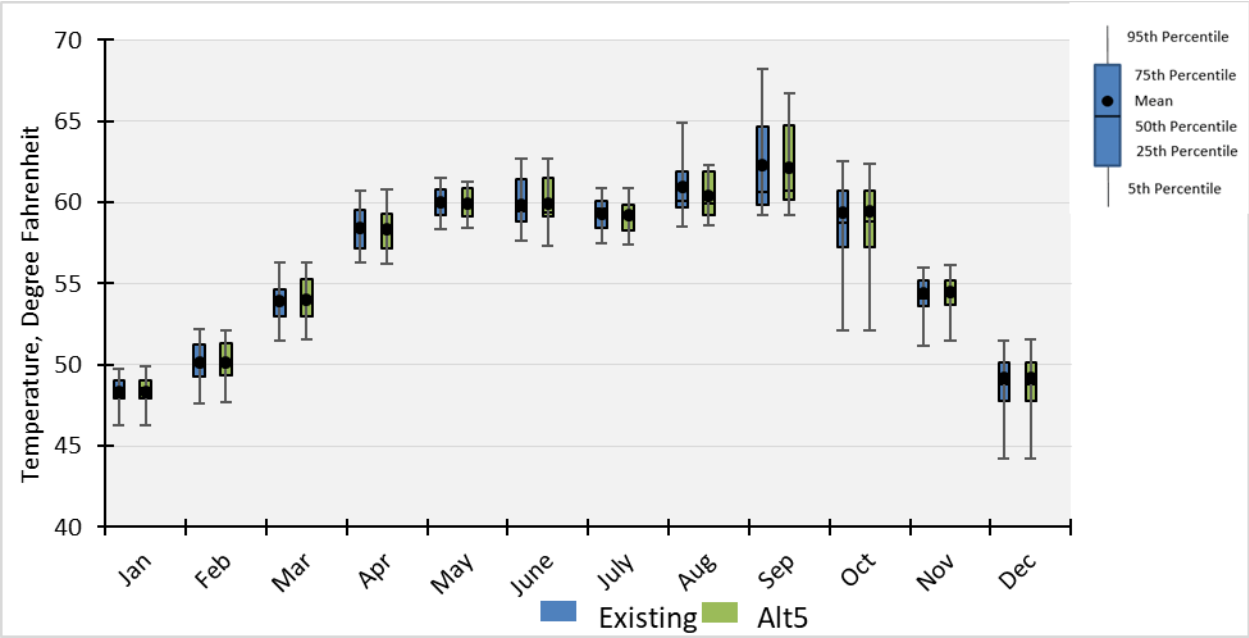
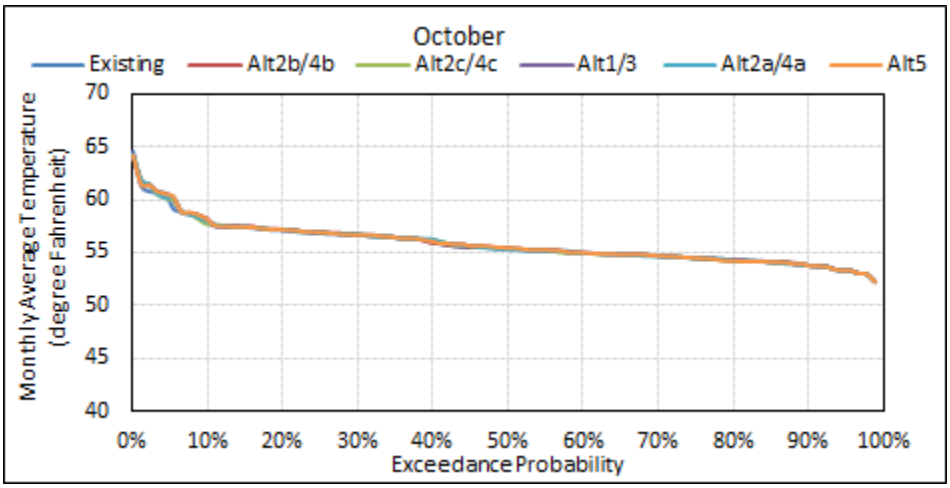
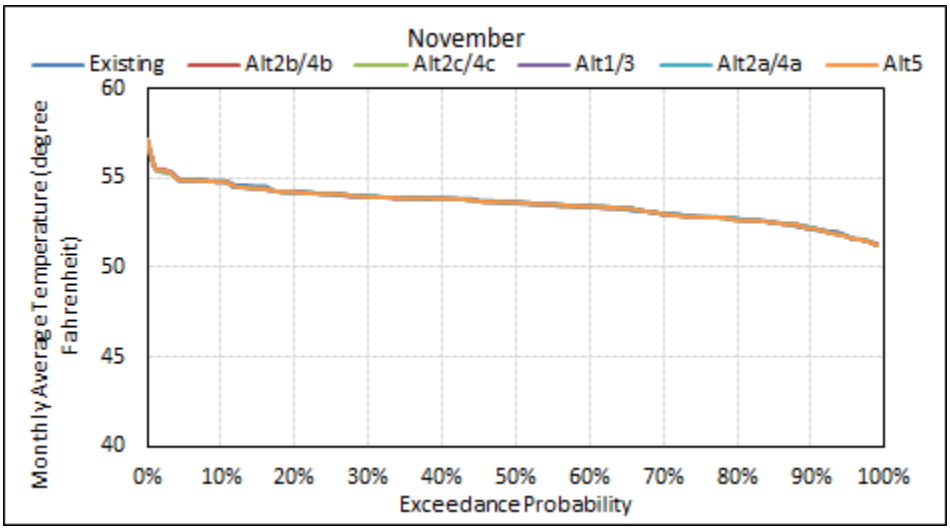


Figure 5A-D1.23.37-A. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





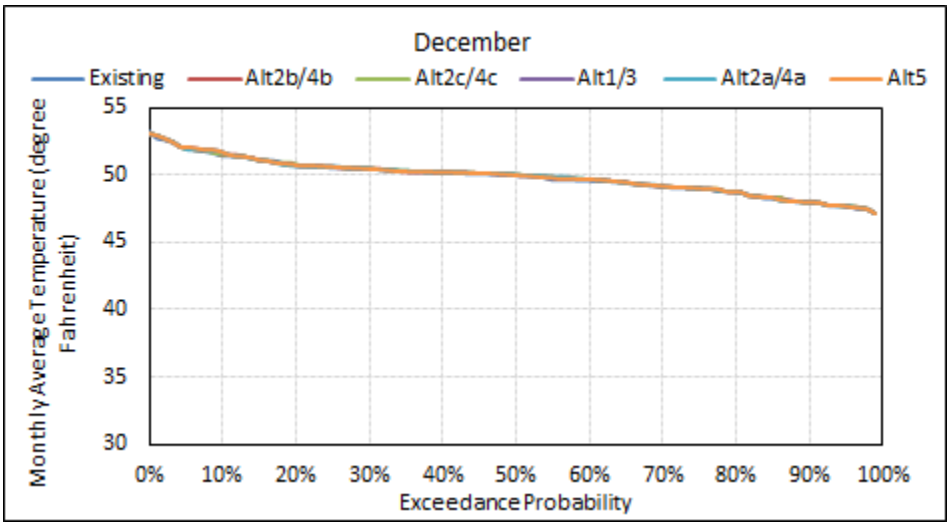
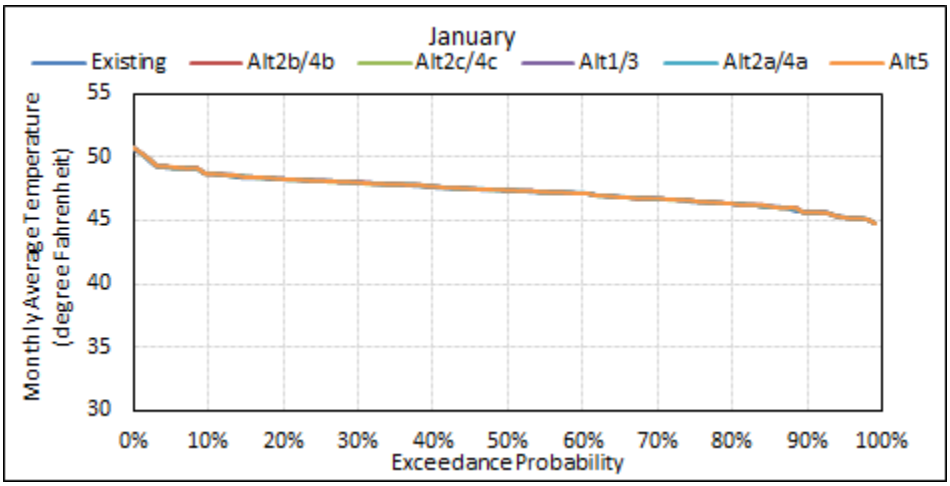
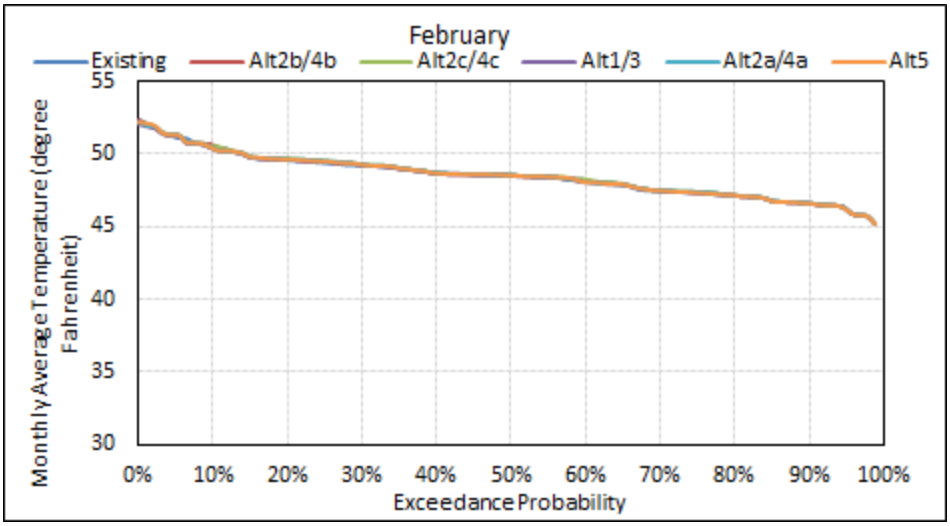


Figure 5A-D1.23.37-B. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





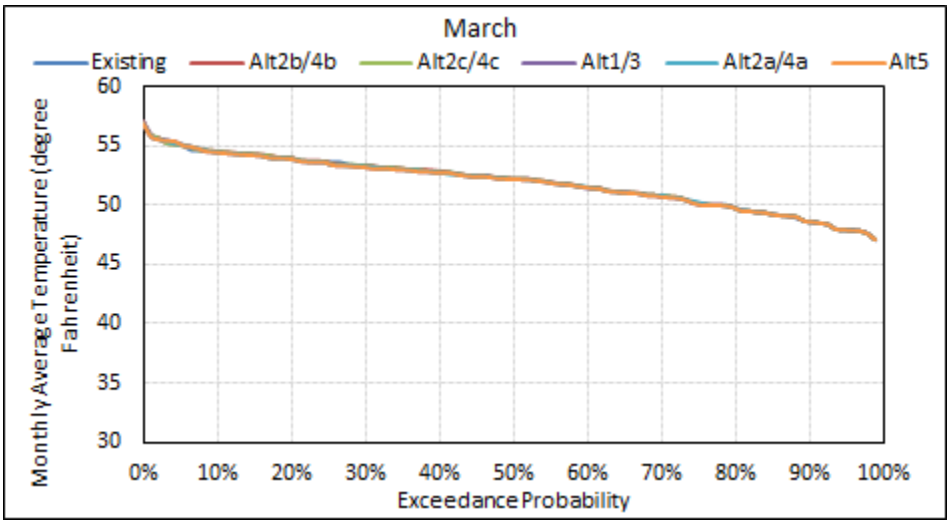
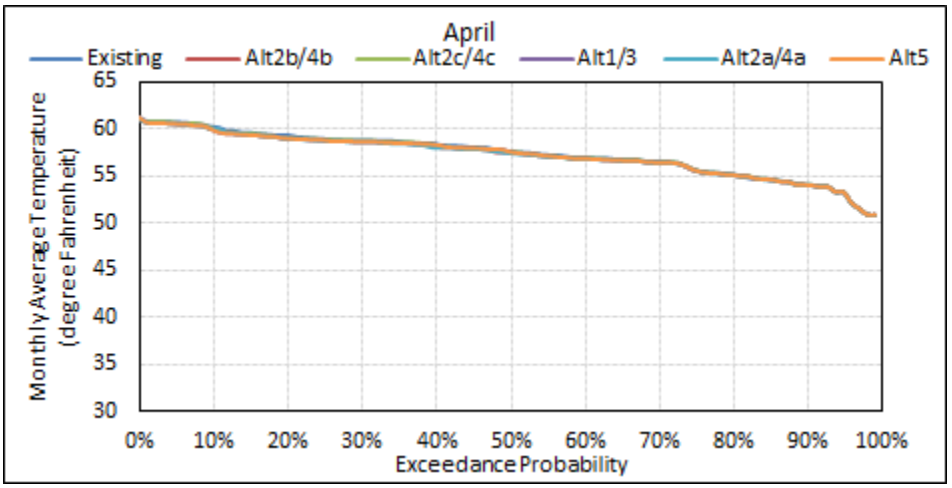
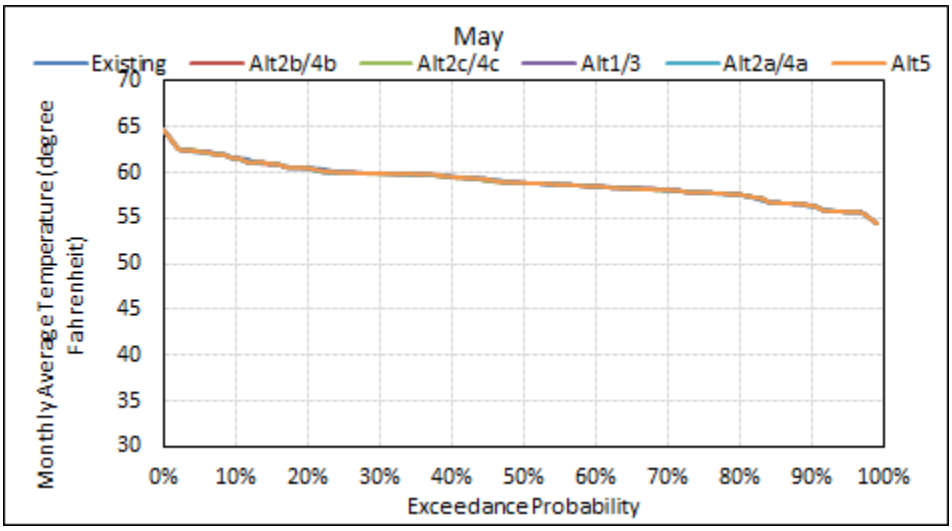


Figure 5A-D1.23.37-C. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





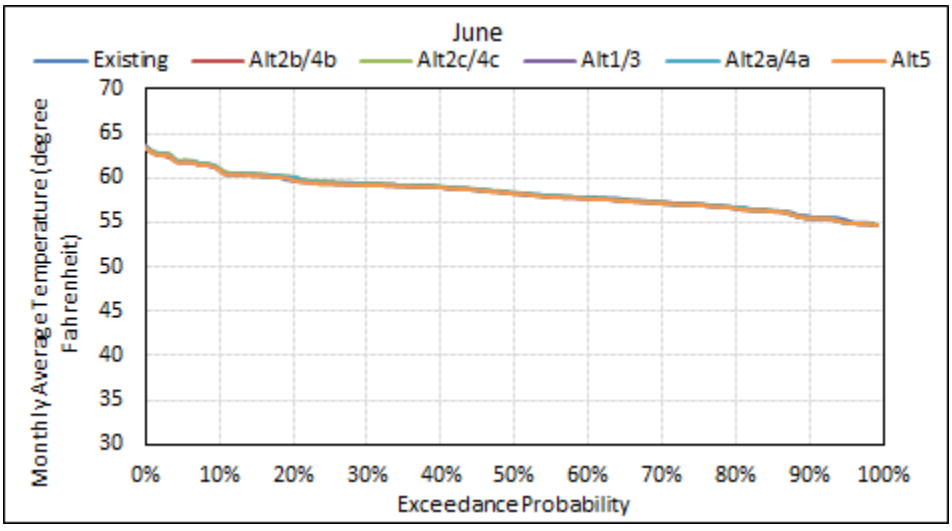
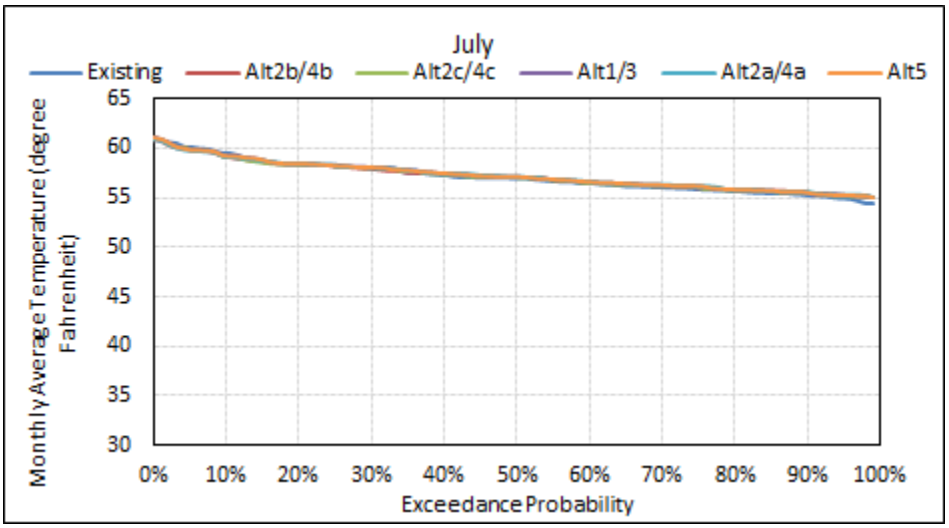
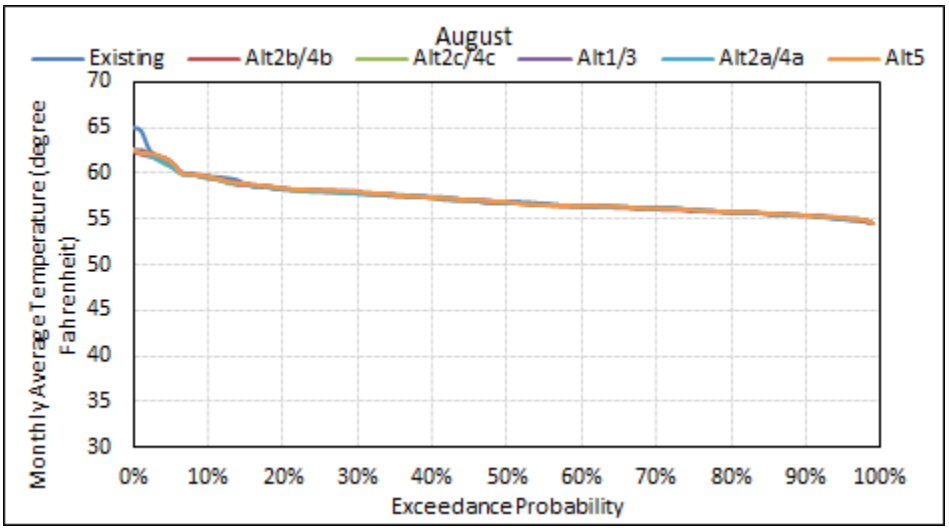


Figure 5A-D1.23.37-D. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





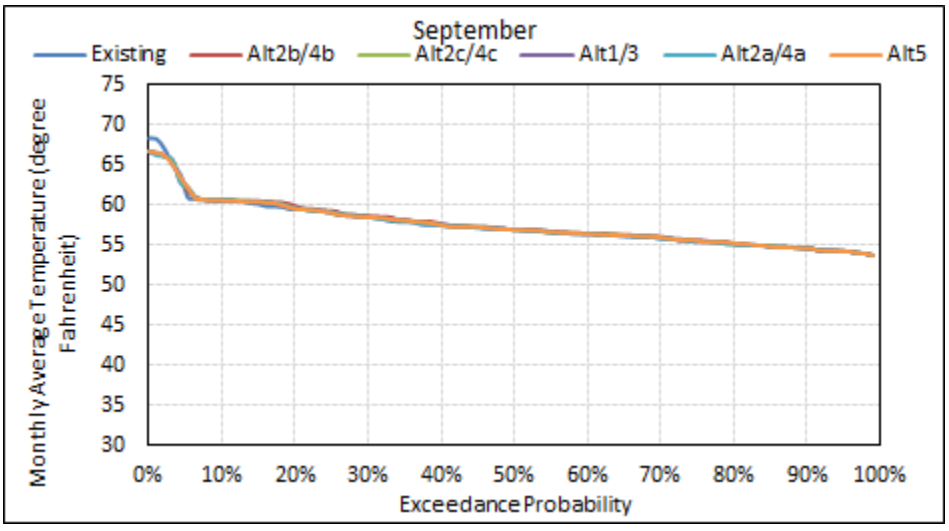


Figure 5A-D1.23.38. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

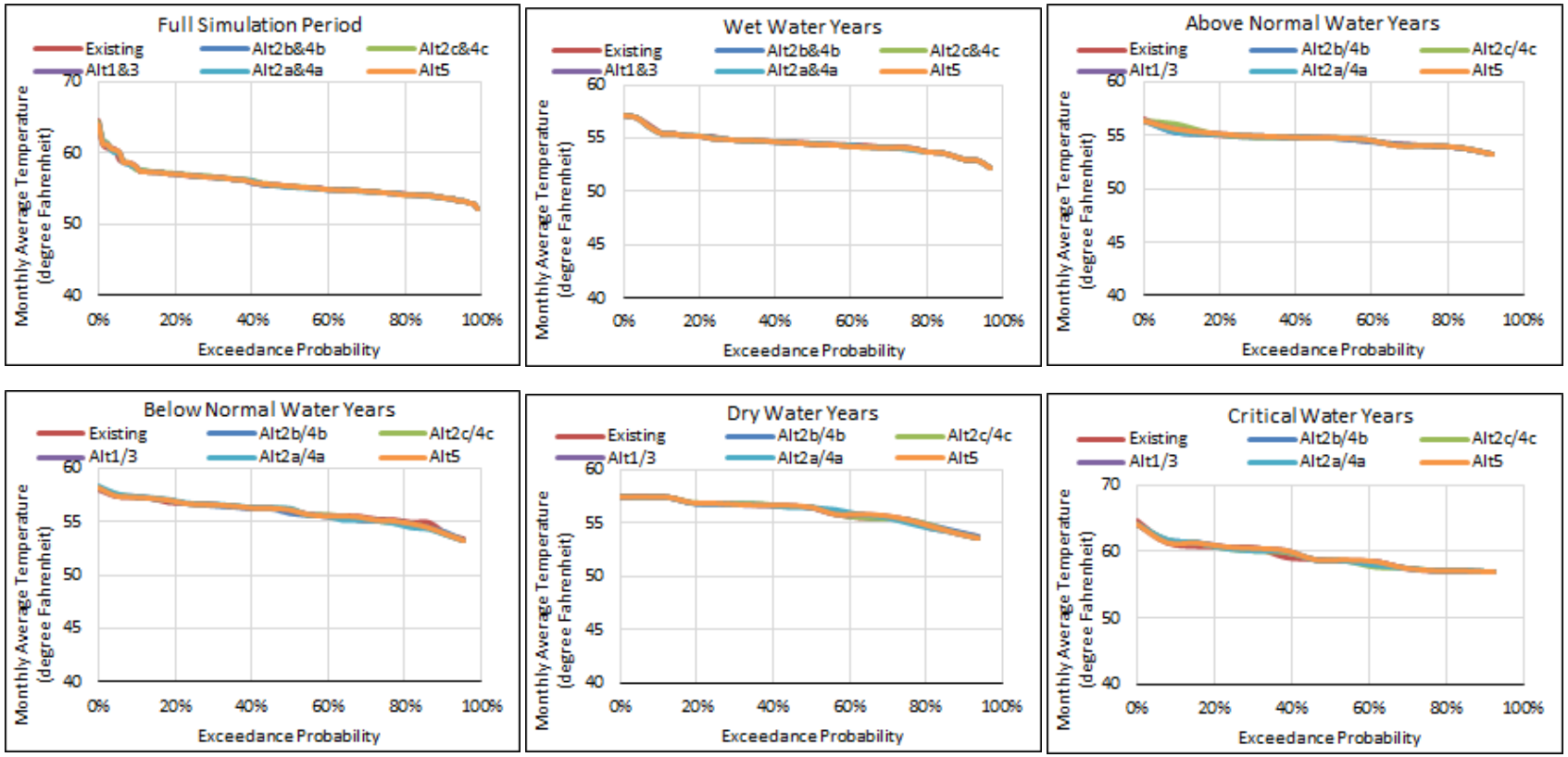


Figure 5A-D1.23.39. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

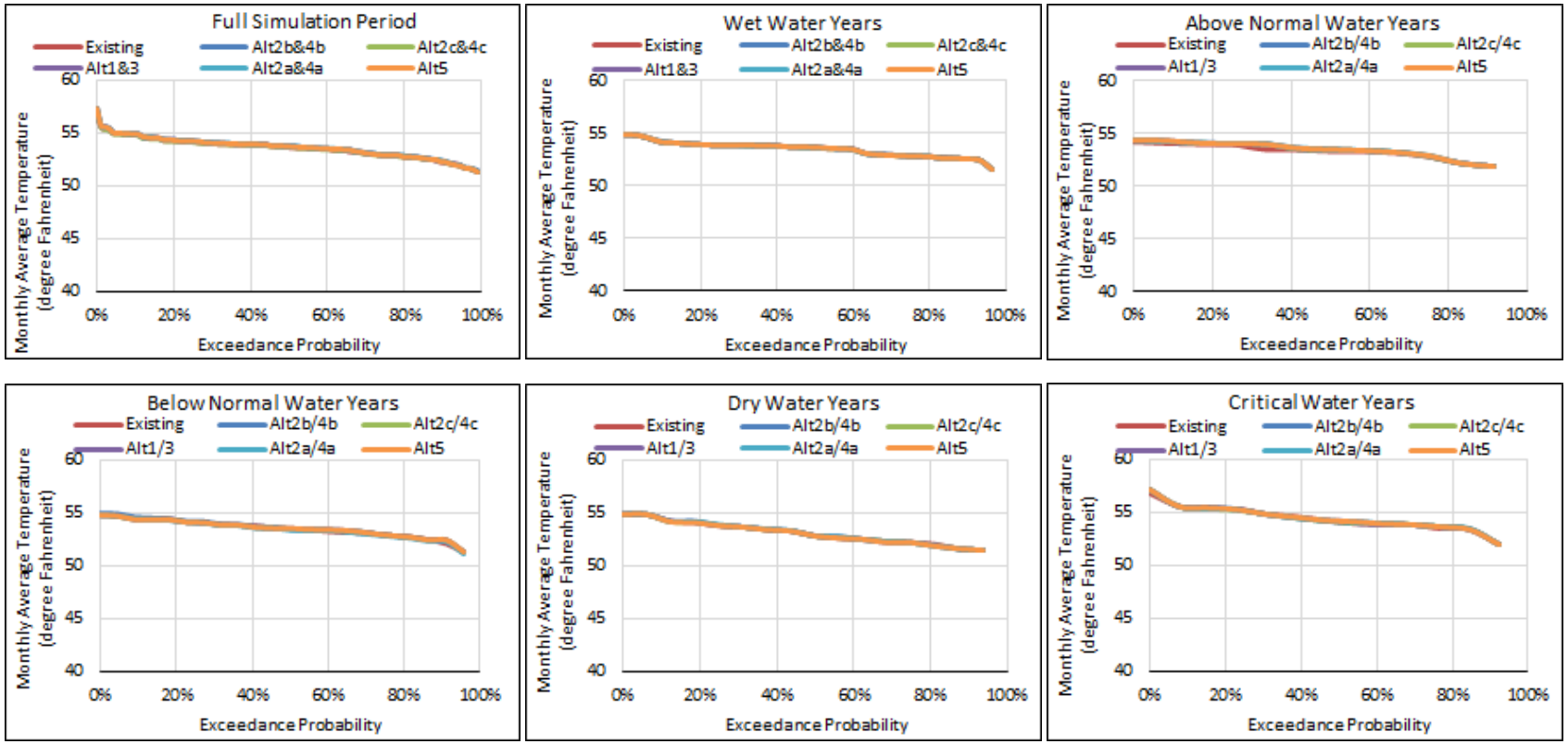


Figure 5A-D1.23.40. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

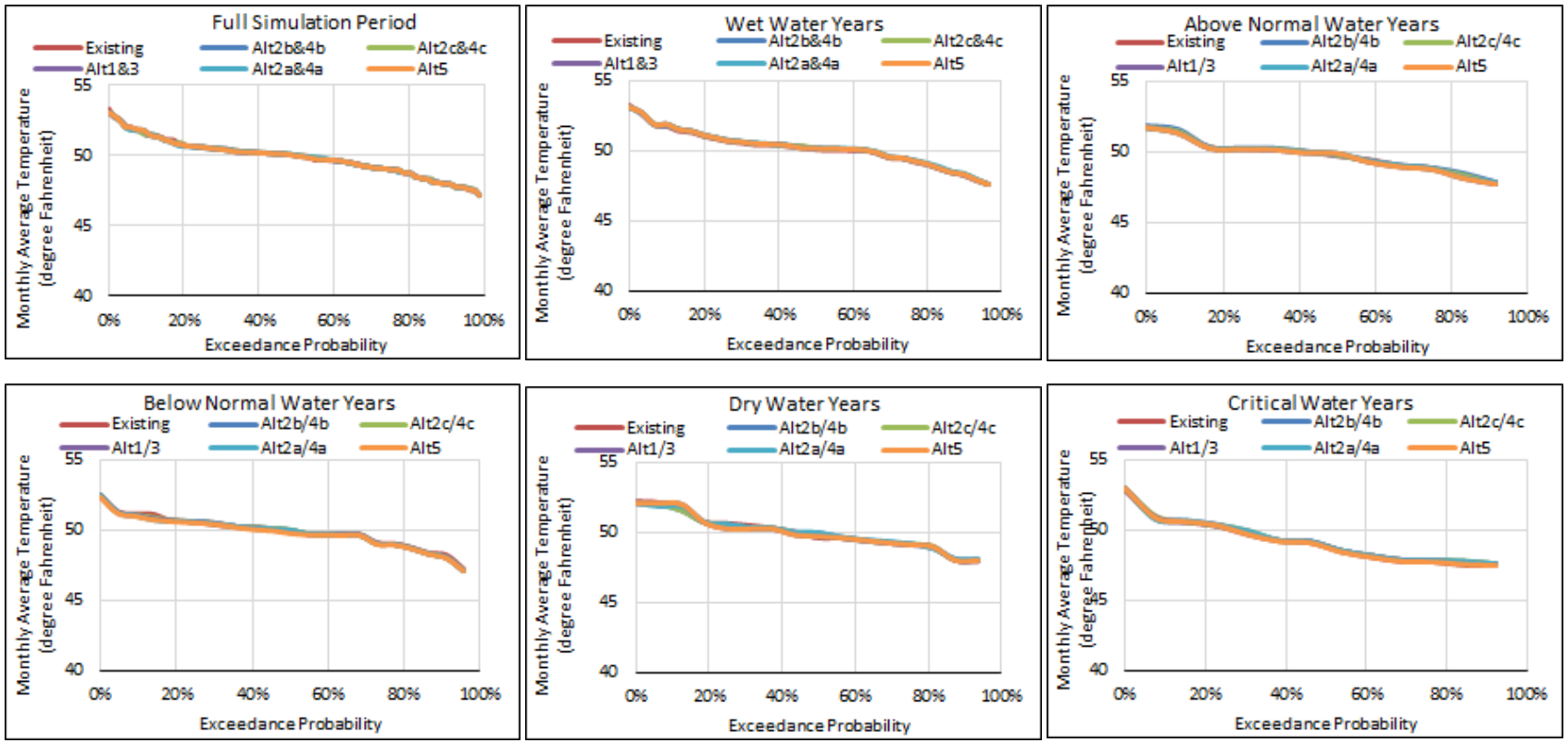


Figure 5A-D1.23.41. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

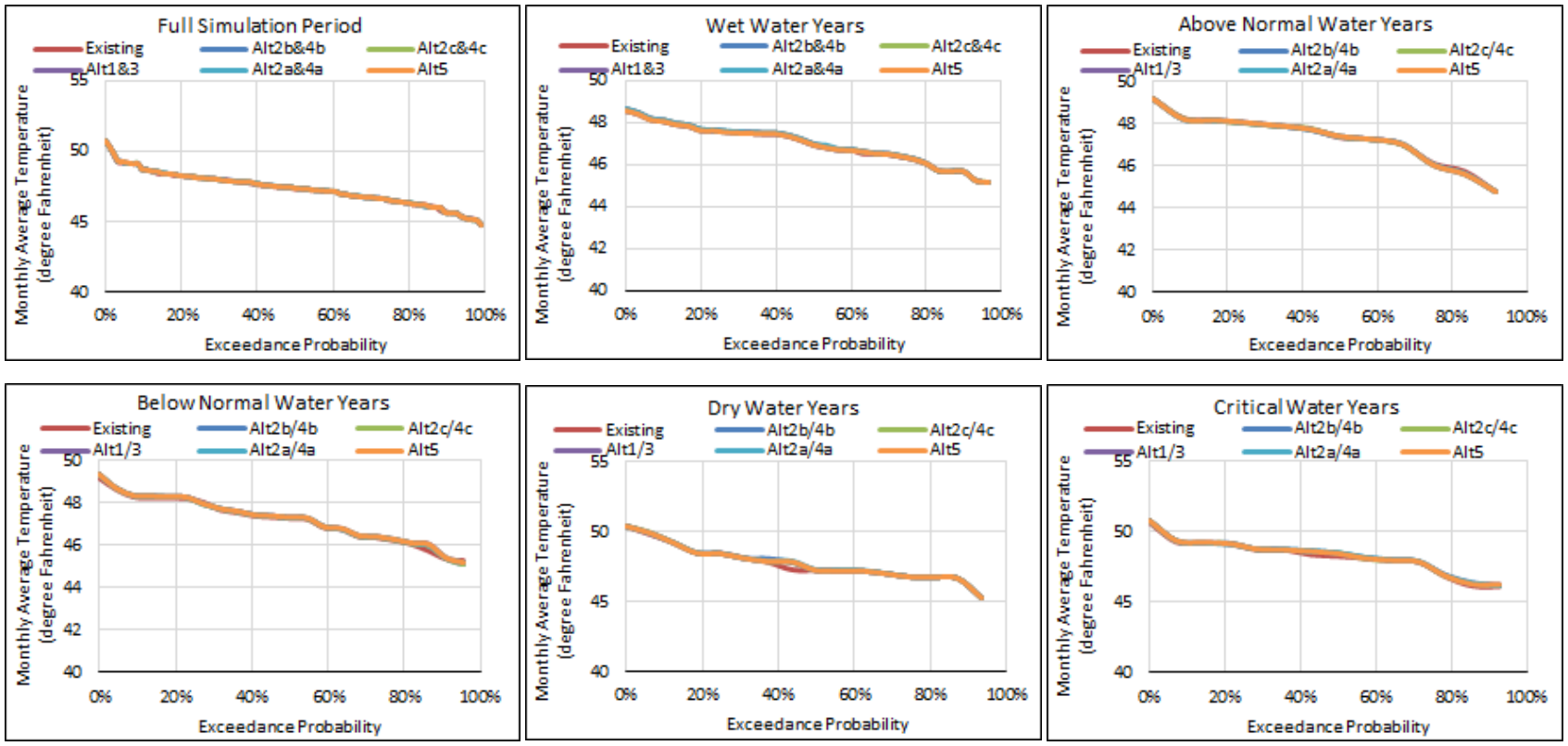


Figure 5A-D1.23.42. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

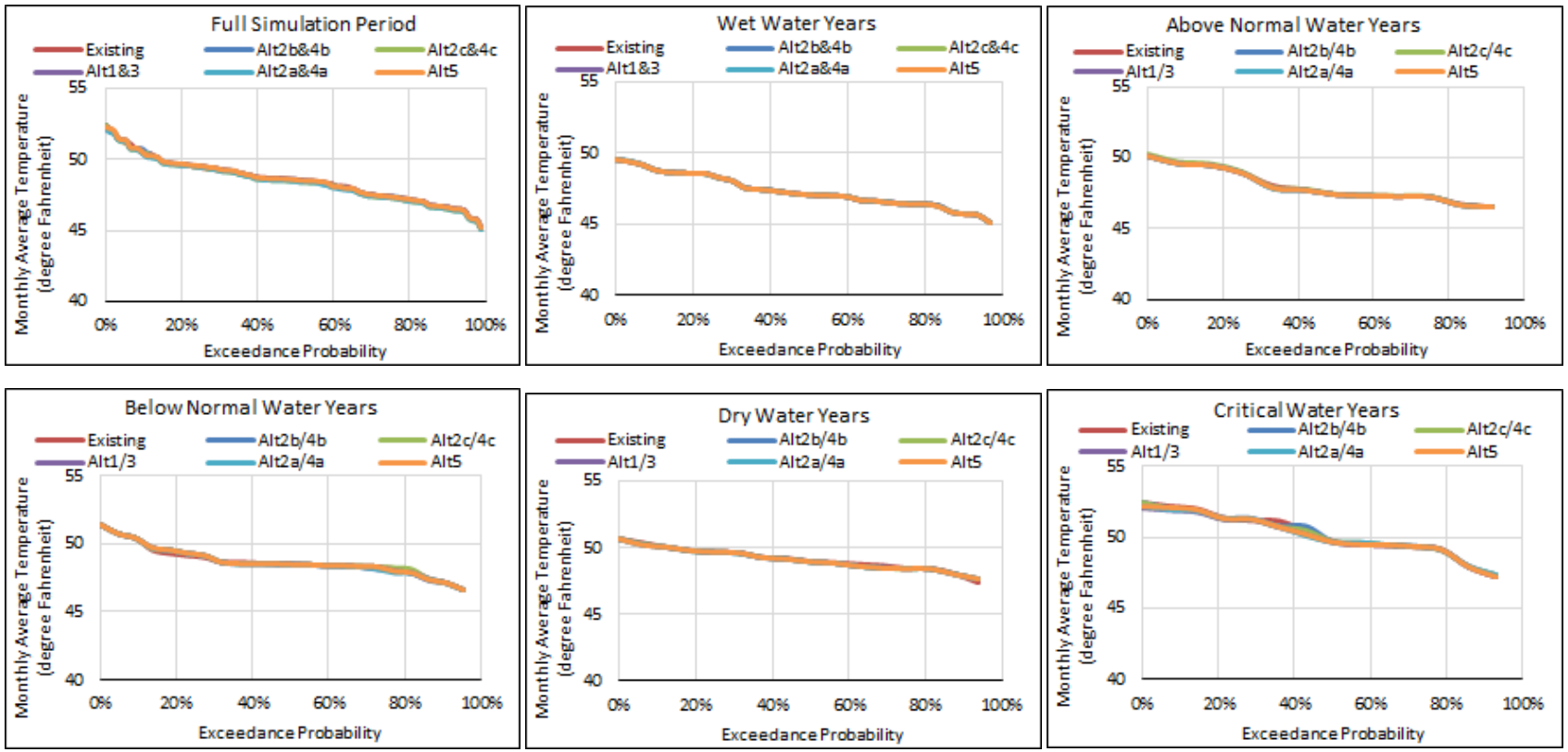


Figure 5A-D1.23.43. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

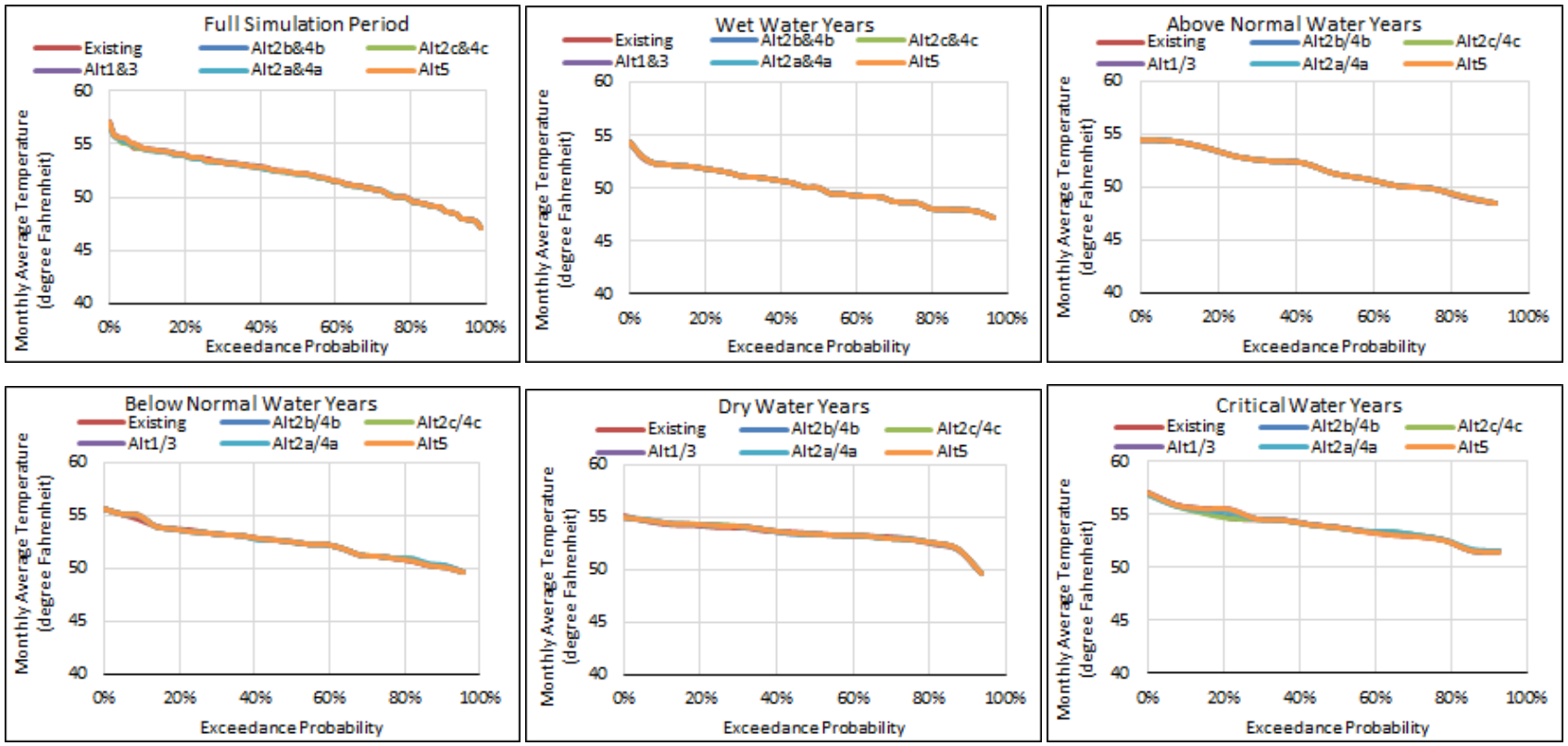


Figure 5A-D1.23.44. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

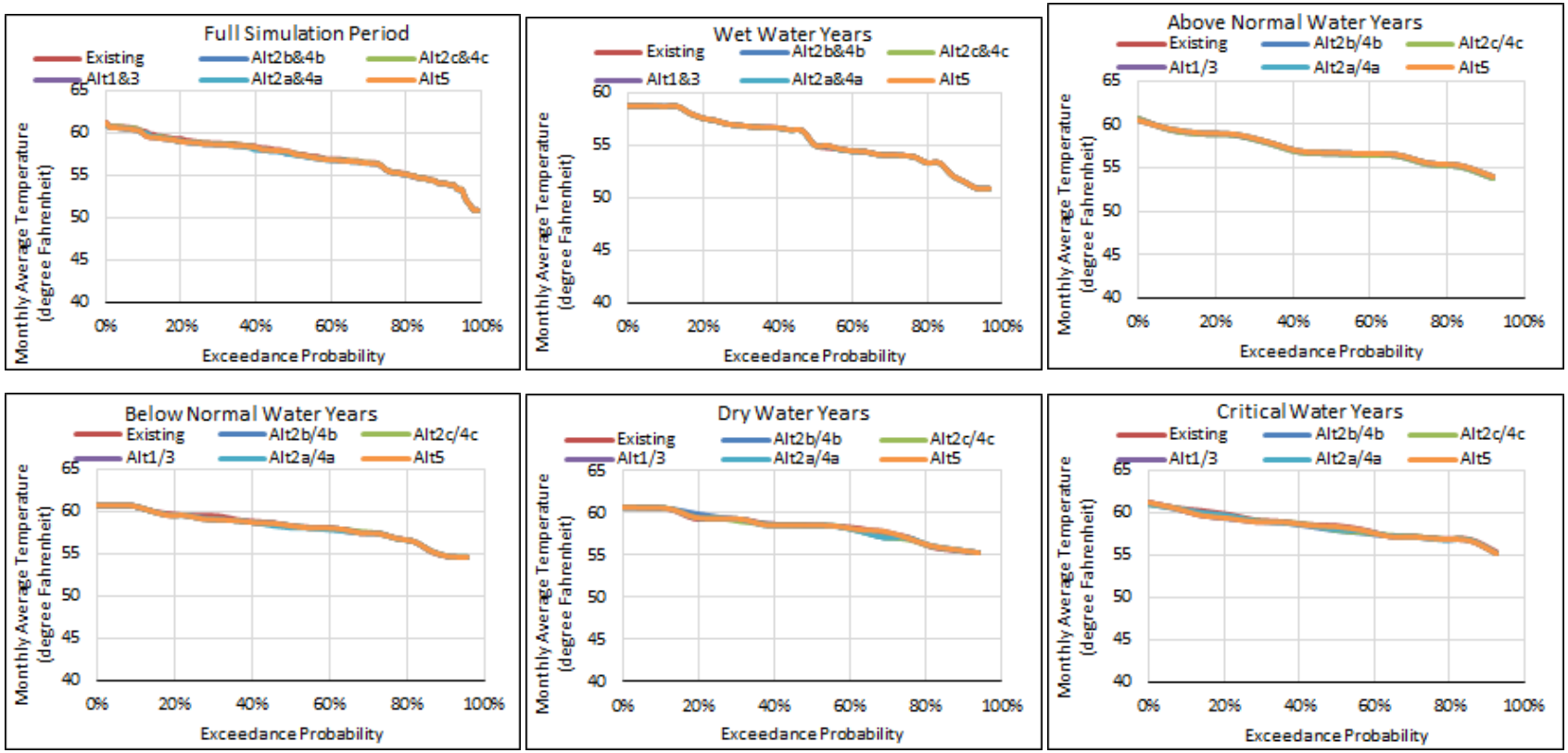


Figure 5A-D1.23.45. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

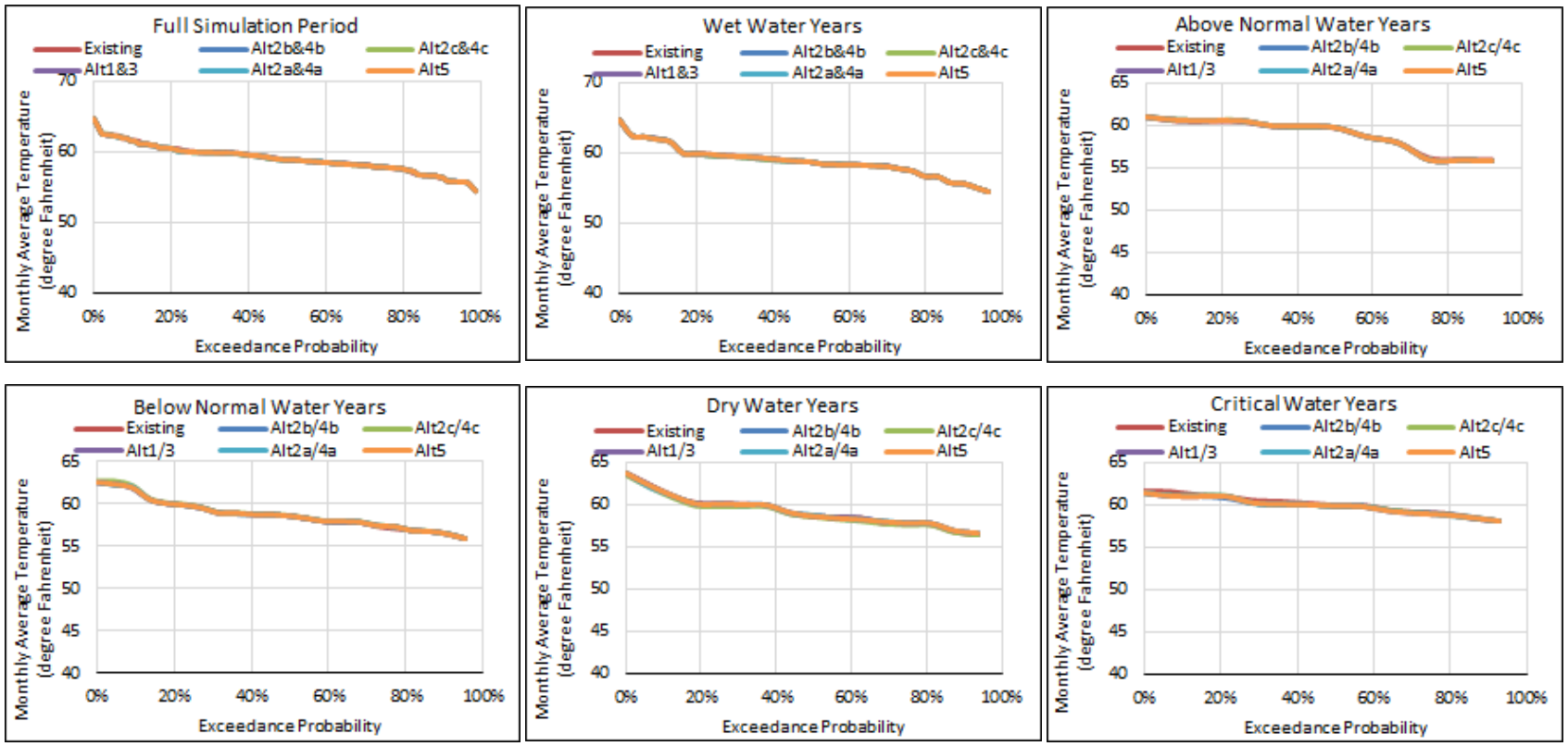


Figure 5A-D1.23.46. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

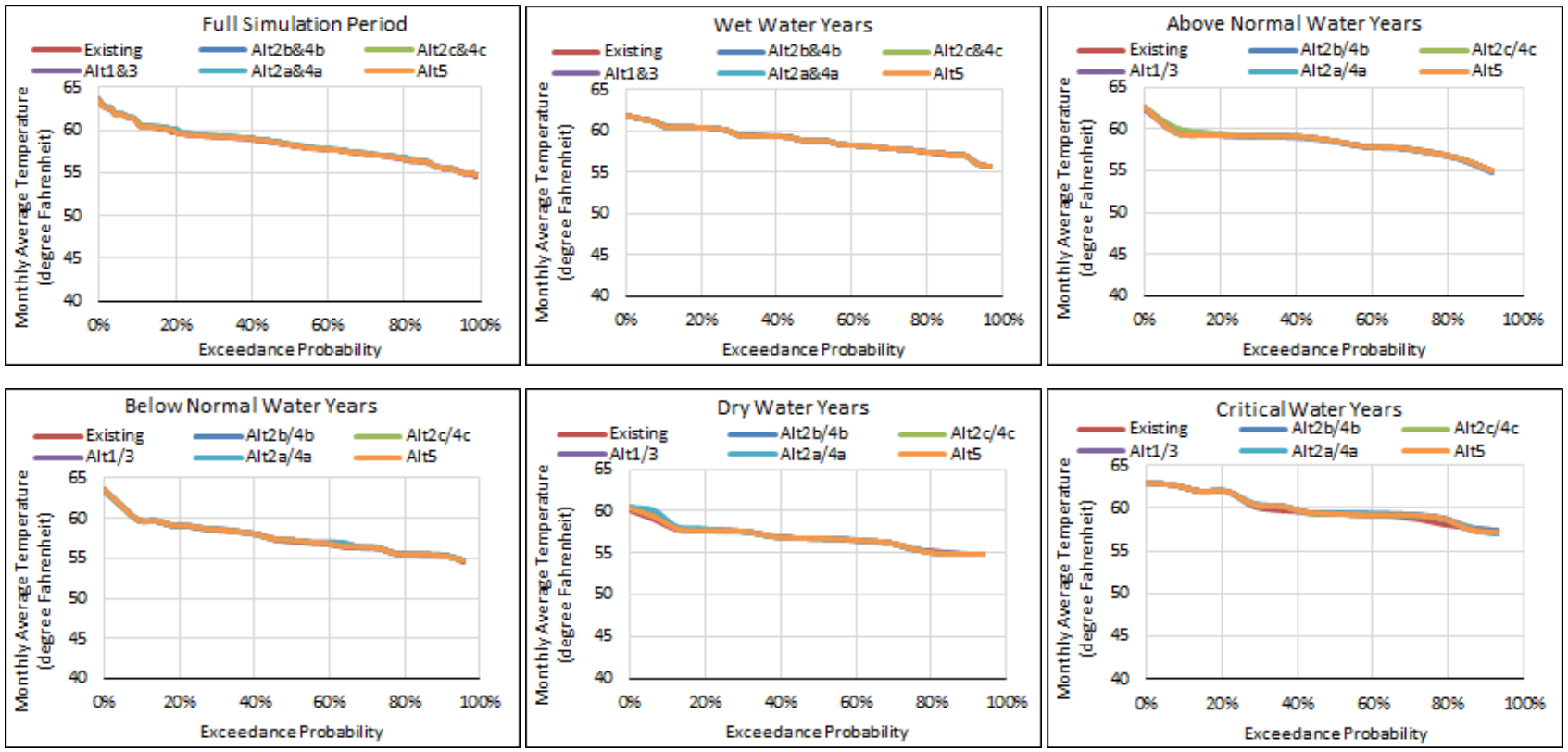


Figure 5A-D1.23.47. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

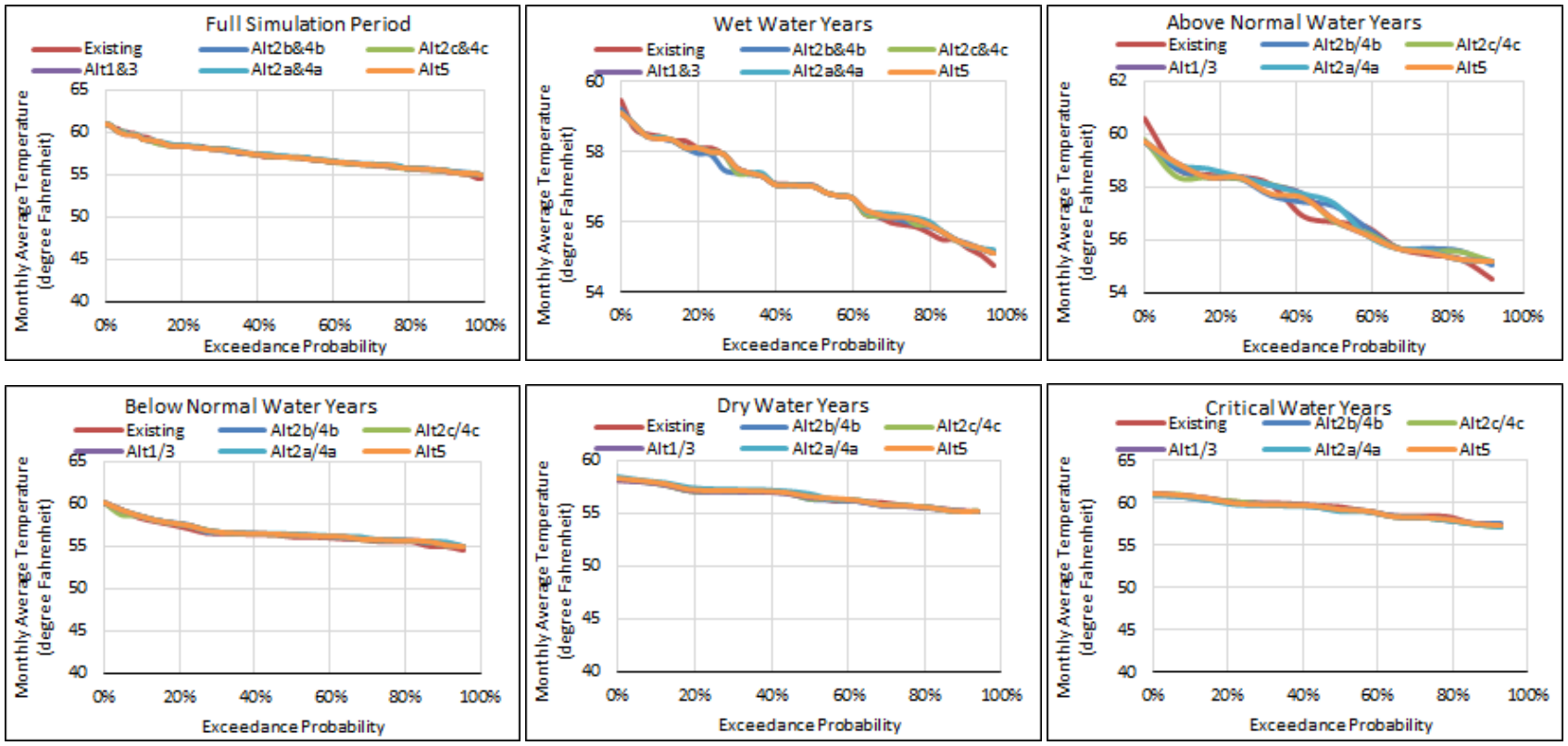


Figure 5A-D1.23.48. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

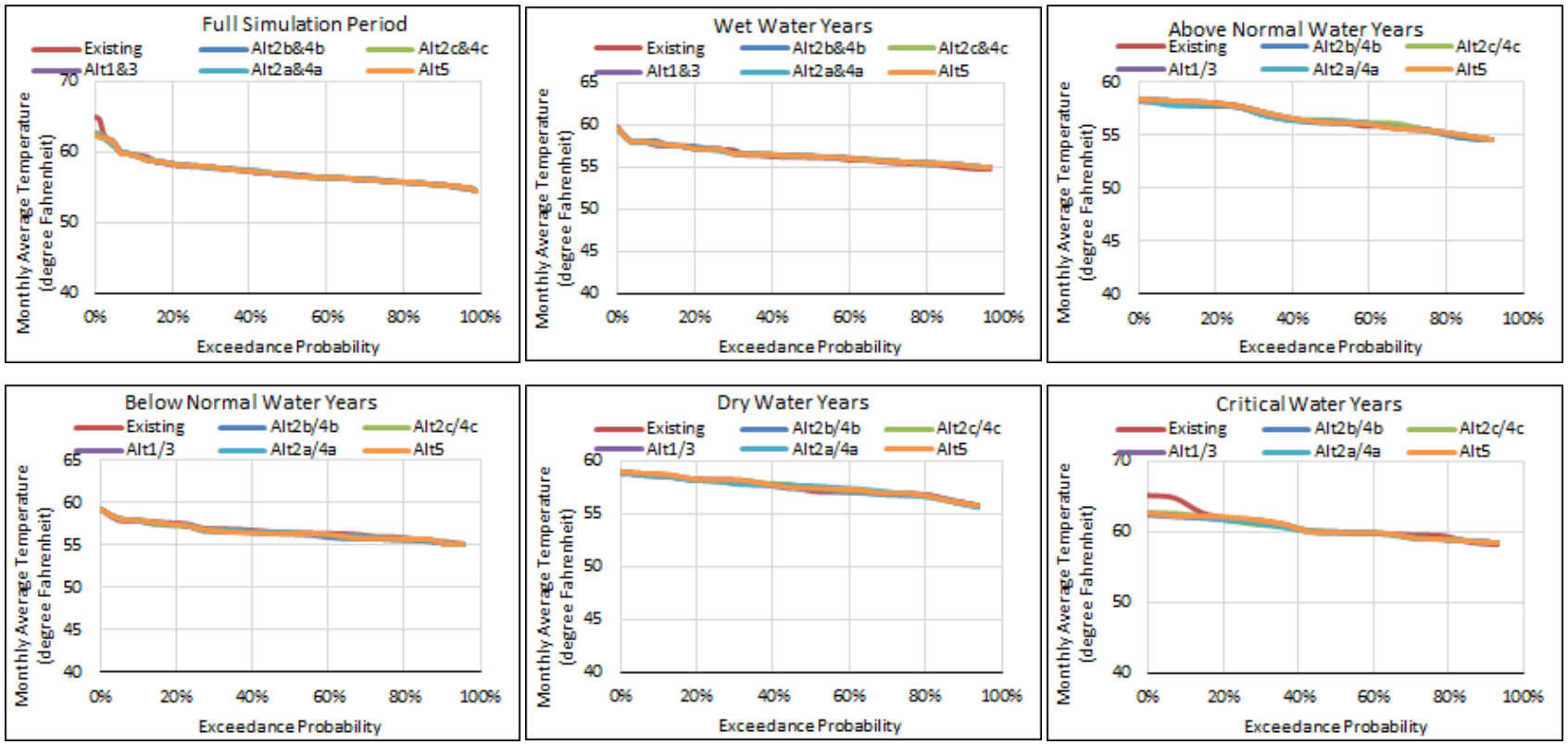
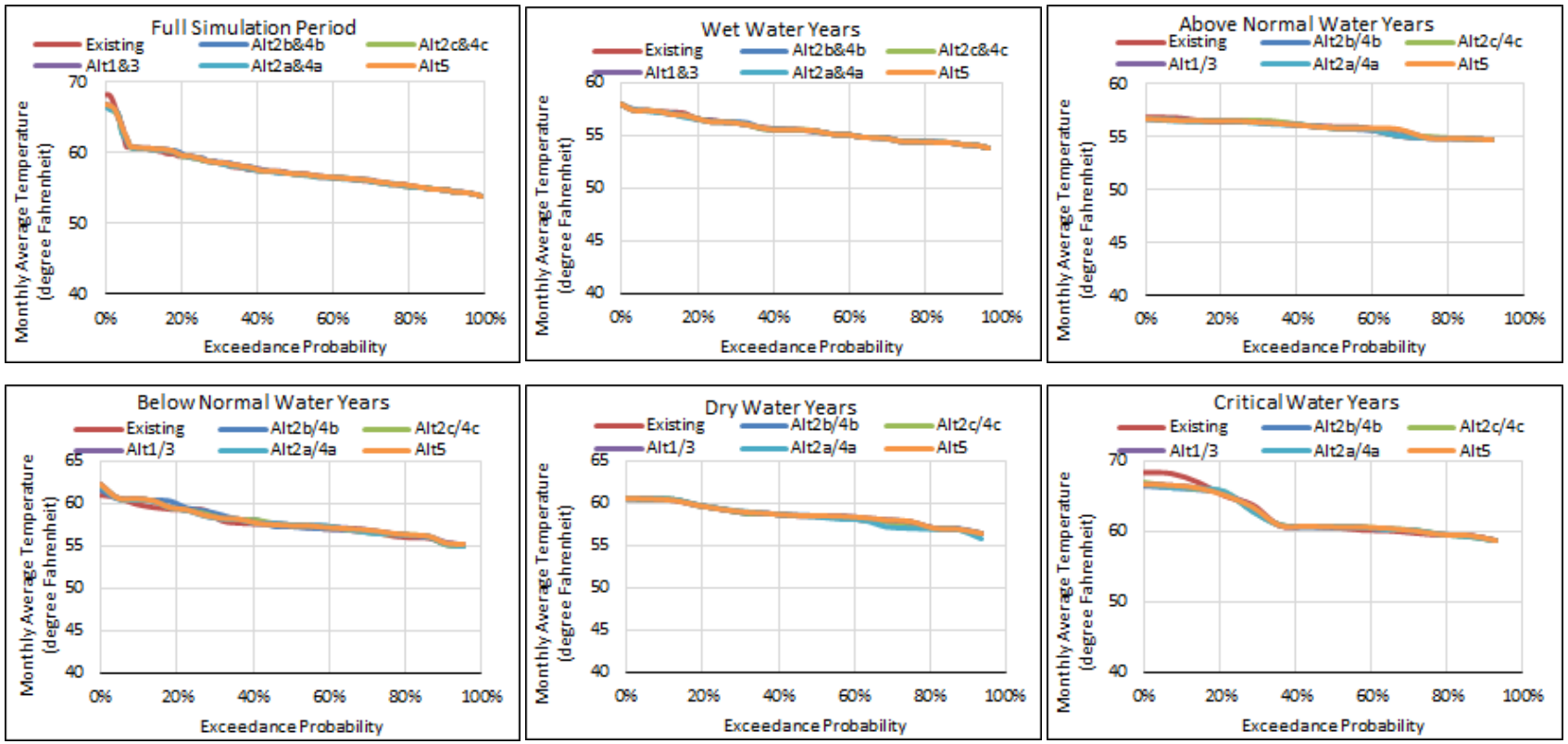


Figure 5A-D1.23.49. Sacramento River at Red Bluff, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.24 Sacramento River at Stony Creek

Table 5A-D1.24.1-A. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.4	55.6	51.1	49.1	51.8	56.9	63.3	66.6	67.9	66.5	66.5	66.3
20%	60.3	54.9	50.0	48.4	50.5	55.9	62.2	65.8	66.9	65.4	65.0	64.7
30%	59.8	54.5	49.8	48.0	50.0	55.4	61.8	65.1	66.0	64.6	64.2	63.7
40%	59.1	54.2	49.6	47.6	49.7	54.5	61.3	64.3	65.3	63.5	63.7	62.8
50%	58.7	54.0	49.4	47.3	49.3	53.7	60.4	63.8	64.5	62.9	62.9	61.9
60%	58.2	53.8	49.1	47.0	49.0	53.1	59.4	63.4	63.9	62.4	62.6	61.5
70%	57.6	53.6	48.8	46.7	48.3	52.3	58.7	62.4	63.5	61.6	62.0	60.7
80%	57.1	53.2	48.4	46.3	47.6	51.2	57.2	61.9	62.6	61.0	61.5	59.9
90%	56.5	52.8	47.7	45.8	47.2	50.1	55.8	60.2	61.0	60.5	61.0	59.2

Table 5A-D1.24.1-B. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.8	54.1	49.3	47.4	49.3	53.6	59.8	63.7	64.7	63.2	63.4	62.5
Wet Water Years	57.4	53.9	49.6	46.8	48.0	51.5	57.4	63.1	65.6	63.1	62.4	60.0
Above Normal Water Years	57.7	53.7	49.2	47.0	48.7	53.0	59.4	63.4	65.0	63.4	62.6	60.8
Below Normal Water Years	59.1	54.1	49.3	47.2	49.7	54.1	60.9	63.6	64.1	62.4	62.7	62.8
Dry Water Years	59.3	53.8	49.4	47.7	50.0	55.2	61.3	64.3	62.8	62.3	63.5	64.1
Critical Water Years	62.0	55.0	48.9	48.5	51.6	56.2	62.0	64.9	65.5	65.7	67.0	66.7

Table 5A-D1.24.1-C. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.3	55.6	51.1	49.1	51.8	56.9	63.1	66.4	68.0	66.2	66.4	66.3
20%	60.4	54.9	50.0	48.4	50.6	55.9	62.1	65.8	67.3	65.4	65.0	65.0
30%	59.8	54.5	49.8	48.0	50.0	55.3	61.8	65.1	66.0	64.4	64.3	64.2
40%	59.2	54.2	49.6	47.7	49.7	54.5	61.3	64.3	65.3	63.7	63.6	62.8
50%	58.8	54.1	49.3	47.3	49.3	53.7	60.4	63.8	64.5	63.1	62.9	62.2
60%	58.0	53.9	49.2	47.0	49.0	53.1	59.4	63.4	63.9	62.4	62.4	61.5
70%	57.5	53.6	48.8	46.7	48.3	52.3	58.7	62.4	63.5	61.7	62.0	60.8
80%	57.0	53.3	48.4	46.4	47.6	51.2	57.2	61.9	62.6	61.2	61.3	59.9
90%	56.6	52.8	47.7	45.8	47.2	50.1	55.8	60.3	61.1	60.8	60.7	59.2

Table 5A-D1.24.1-D. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.8	54.1	49.3	47.4	49.3	53.6	59.8	63.7	64.7	63.3	63.3	62.5
Wet Water Years	57.4	53.9	49.6	46.8	48.0	51.5	57.4	63.0	65.6	63.1	62.5	60.1
Above Normal Water Years	57.7	53.8	49.2	47.0	48.6	53.0	59.4	63.4	65.0	63.5	62.6	60.8
Below Normal Water Years	59.1	54.1	49.2	47.2	49.7	54.1	60.9	63.6	64.1	62.6	62.5	63.2
Dry Water Years	59.3	53.8	49.4	47.7	50.0	55.1	61.3	64.3	62.9	62.3	63.5	64.1
Critical Water Years	62.0	55.0	48.9	48.6	51.6	56.2	61.9	64.8	65.6	65.7	66.6	66.5

Table 5A-D1.24.1-E. Sacramento River at Stony Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	0.1	-0.3	-0.1	0.1
20%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.4	0.0	0.0	0.3
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.5
40%	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
50%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3
60%	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	-0.1	0.0
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-0.2	0.0

Table 5A-D1.24.1-F. Sacramento River at Stony Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.5
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.4	-0.3

Table 5A-D1.24.1-G. Sacramento River at Stony Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.4%	-0.3%	0.1%	-0.4%	-0.2%	0.1%
20%	0.2%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.6%	0.0%	0.0%	0.5%
30%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.1%	0.8%
40%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.1%
50%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.5%
60%	-0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	0.0%	0.2%
80%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	-0.2%	0.0%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	-0.4%	0.0%

Table 5A-D1.24.1-H. Sacramento River at Stony Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	0.2%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.4%	0.8%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.2%	-0.1%	-0.6%	-0.4%

Table 5A-D1.24.2-A. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.3	55.6	51.1	49.1	51.8	56.9	63.1	66.5	68.1	66.1	66.4	66.3
20%	60.3	54.8	50.0	48.4	50.6	55.8	62.1	65.8	67.3	65.4	65.0	65.0
30%	59.8	54.5	49.8	48.0	50.0	55.3	61.7	65.1	66.0	64.5	64.2	64.0
40%	59.3	54.2	49.6	47.6	49.7	54.5	61.3	64.3	65.2	63.5	63.7	62.7
50%	58.8	54.1	49.4	47.3	49.3	53.7	60.4	63.8	64.5	62.9	62.9	62.1
60%	58.1	53.9	49.2	47.0	49.0	53.1	59.4	63.4	64.0	62.4	62.5	61.5
70%	57.5	53.6	48.8	46.7	48.3	52.3	58.7	62.3	63.5	61.8	62.1	60.8
80%	56.9	53.2	48.4	46.3	47.6	51.2	57.2	61.9	62.6	61.2	61.5	59.9
90%	56.5	52.8	47.7	45.8	47.2	50.1	55.8	60.3	61.1	60.8	60.8	59.2

Table 5A-D1.24.2-B. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.8	54.1	49.3	47.4	49.3	53.6	59.8	63.7	64.7	63.3	63.3	62.5
Wet Water Years	57.4	53.9	49.6	46.8	48.0	51.5	57.4	63.0	65.6	63.2	62.4	60.0
Above Normal Water Years	57.7	53.8	49.2	47.0	48.6	53.0	59.4	63.4	65.0	63.4	62.8	60.8
Below Normal Water Years	59.1	54.1	49.2	47.2	49.7	54.1	60.9	63.6	64.1	62.7	62.5	63.2
Dry Water Years	59.3	53.8	49.4	47.7	49.9	55.1	61.3	64.2	62.9	62.3	63.5	64.1
Critical Water Years	62.0	55.0	48.9	48.6	51.6	56.2	61.9	64.8	65.5	65.6	66.6	66.5

Table 5A-D1.24.2-C. Sacramento River at Stony Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.1	-0.4	-0.1	0.0
20%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.4	0.0	0.0	0.3
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.3
40%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
50%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.1	0.1
80%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-0.2	0.0

Table 5A-D1.24.2-D. Sacramento River at Stony Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.4	-0.2

Table 5A-D1.24.2-E. Sacramento River at Stony Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	-0.2%	0.2%	-0.6%	-0.2%	-0.1%
20%	0.1%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.6%	0.0%	0.0%	0.5%
30%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.5%
40%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%
50%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%
60%	-0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.3%	0.2%	0.1%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.1%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	-0.3%	0.0%

Table 5A-D1.24.2-F. Sacramento River at Stony Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.4%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%
Critical Water Years	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.1%	-0.2%	-0.7%	-0.4%

Table 5A-D1.24.3-A. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.3	55.6	51.2	49.1	51.7	56.9	63.1	66.5	68.0	66.5	66.5	66.4
20%	60.4	54.9	50.0	48.4	50.6	55.8	62.1	65.8	66.9	65.3	65.2	65.1
30%	59.8	54.5	49.7	48.0	50.0	55.3	61.7	65.1	66.0	64.5	64.3	64.0
40%	59.3	54.2	49.6	47.7	49.6	54.5	61.3	64.4	65.2	63.6	63.7	62.8
50%	58.8	54.1	49.4	47.3	49.3	53.7	60.4	63.8	64.5	63.0	63.0	62.2
60%	58.0	53.9	49.2	47.0	49.0	53.1	59.4	63.4	64.0	62.5	62.5	61.4
70%	57.6	53.6	48.8	46.7	48.3	52.3	58.7	62.4	63.5	61.8	62.1	60.8
80%	56.9	53.2	48.4	46.3	47.6	51.2	57.2	61.9	62.6	61.2	61.4	59.9
90%	56.5	52.8	47.7	45.8	47.2	50.1	55.8	60.3	61.1	60.8	60.8	59.2

Table 5A-D1.24.3-B. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.8	54.1	49.3	47.4	49.3	53.6	59.8	63.7	64.7	63.3	63.3	62.5
Wet Water Years	57.4	53.9	49.6	46.8	48.0	51.5	57.4	63.1	65.6	63.2	62.4	60.0
Above Normal Water Years	57.7	53.8	49.2	47.0	48.6	53.0	59.4	63.4	65.0	63.5	62.7	60.7
Below Normal Water Years	59.1	54.1	49.2	47.2	49.7	54.1	60.9	63.6	64.1	62.7	62.5	63.2
Dry Water Years	59.4	53.8	49.4	47.7	49.9	55.1	61.3	64.2	62.8	62.3	63.6	64.1
Critical Water Years	62.1	55.0	48.9	48.6	51.5	56.3	62.0	64.9	65.5	65.6	66.6	66.6

Table 5A-D1.24.3-C. Sacramento River at Stony Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0	0.1
20%	0.2	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.1	0.0	0.1	0.3
30%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.3
40%	0.1	0.0	0.0	0.1	-0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.1
50%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.1	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-0.2	0.0

Table 5A-D1.24.3-D. Sacramento River at Stony Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.5
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	-0.1	0.0	-0.1	-0.4	-0.2

Table 5A-D1.24.3-E. Sacramento River at Stony Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.2%	0.0%	-0.2%	0.0%	-0.4%	-0.2%	0.0%	0.0%	0.0%	0.2%
20%	0.3%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.2%	0.5%
30%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.5%
40%	0.2%	0.0%	-0.1%	0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	-0.1%	0.1%
50%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%
60%	-0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.4%	0.2%	0.1%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	-0.3%	0.0%

Table 5A-D1.24.3-F. Sacramento River at Stony Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.6%	-0.3%

Table 5A-D1.24.4-A. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.3	55.6	51.2	49.1	51.7	56.9	63.1	66.5	68.1	66.4	66.3	66.2
20%	60.3	54.8	50.0	48.4	50.6	55.8	62.1	65.8	66.9	65.5	64.9	65.1
30%	59.8	54.5	49.7	48.0	50.0	55.3	61.7	65.1	66.0	64.7	64.2	63.8
40%	59.2	54.2	49.6	47.7	49.7	54.5	61.2	64.4	65.3	63.8	63.9	62.7
50%	58.6	54.1	49.3	47.3	49.3	53.8	60.4	63.8	64.5	63.0	63.0	61.9
60%	58.1	53.9	49.2	47.0	48.9	53.1	59.4	63.4	64.0	62.4	62.5	61.3
70%	57.5	53.6	48.8	46.7	48.3	52.3	58.7	62.4	63.4	61.8	62.1	60.7
80%	56.9	53.3	48.4	46.3	47.6	51.2	57.2	61.9	62.6	61.2	61.3	59.9
90%	56.5	52.8	47.7	45.8	47.2	50.1	55.8	60.3	61.1	60.8	60.8	59.2

Table 5A-D1.24.4-B. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.8	54.1	49.3	47.4	49.3	53.6	59.8	63.7	64.7	63.4	63.3	62.4
Wet Water Years	57.4	53.9	49.6	46.9	48.0	51.5	57.4	63.1	65.6	63.2	62.4	60.0
Above Normal Water Years	57.6	53.8	49.2	47.0	48.6	53.0	59.4	63.4	65.0	63.6	62.6	60.7
Below Normal Water Years	59.1	54.1	49.2	47.2	49.6	54.1	60.8	63.6	64.1	62.8	62.5	63.1
Dry Water Years	59.3	53.8	49.4	47.7	49.9	55.1	61.3	64.2	63.0	62.4	63.7	63.9
Critical Water Years	62.0	55.0	48.9	48.6	51.5	56.3	62.0	64.8	65.6	65.6	66.5	66.5

Table 5A-D1.24.4-C. Sacramento River at Stony Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.2	-0.2	0.2	-0.1	-0.2	-0.1
20%	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.0	0.1	-0.1	0.3
30%	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%	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	0.3	0.1	0.0
50%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
60%	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1
70%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.1	0.0
80%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	-0.2	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.2	0.0

Table 5A-D1.24.4-D. Sacramento River at Stony Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.4	-0.2	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.2	0.1	0.2	-0.2
Critical Water Years	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	-0.1	0.1	-0.1	-0.5	-0.3

Table 5A-D1.24.4-E. Sacramento River at Stony Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.2%	0.0%	-0.2%	0.0%	-0.4%	-0.2%	0.2%	-0.2%	-0.2%	-0.1%
20%	0.1%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.1%	0.0%	0.2%	-0.2%	0.5%
30%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%
40%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.2%	0.1%	0.0%	0.5%	0.2%	0.0%
50%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.1%
60%	-0.1%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.1%	-0.2%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.4%	0.1%	-0.1%
80%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.3%	-0.2%	0.0%
90%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.5%	-0.3%	0.0%

Table 5A-D1.24.4-F. Sacramento River at Stony Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.2%	-0.1%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	-0.2%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.6%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.3%	0.2%	0.3%	-0.3%
Critical Water Years	-0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.1%	-0.2%	-0.8%	-0.4%

Table 5A-D1.24.5-A. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	61.3	55.6	51.2	49.1	51.7	56.9	63.1	66.5	68.0	66.5	66.5	66.4
20%	60.4	54.8	50.0	48.4	50.6	55.8	62.1	65.8	66.9	65.4	65.2	65.1
30%	59.8	54.5	49.7	48.0	50.0	55.3	61.7	65.1	66.0	64.4	64.3	64.0
40%	59.3	54.2	49.6	47.7	49.6	54.5	61.3	64.4	65.2	63.6	63.7	62.8
50%	58.9	54.1	49.4	47.3	49.3	53.7	60.4	63.8	64.5	63.0	62.9	62.2
60%	58.0	53.9	49.2	47.0	49.0	53.1	59.4	63.4	64.0	62.5	62.5	61.4
70%	57.6	53.6	48.8	46.7	48.3	52.3	58.7	62.4	63.5	61.8	62.1	60.9
80%	56.9	53.2	48.4	46.3	47.6	51.2	57.2	61.9	62.6	61.2	61.4	59.9
90%	56.5	52.8	47.7	45.8	47.2	50.1	55.8	60.2	61.1	60.8	60.8	59.2

Table 5A-D1.24.5-B. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	58.8	54.1	49.3	47.4	49.3	53.6	59.8	63.7	64.7	63.3	63.3	62.5
Wet Water Years	57.4	53.9	49.6	46.8	48.0	51.5	57.4	63.1	65.6	63.2	62.4	60.0
Above Normal Water Years	57.7	53.8	49.2	47.0	48.6	53.0	59.4	63.4	65.0	63.4	62.7	60.8
Below Normal Water Years	59.1	54.1	49.2	47.2	49.7	54.1	60.8	63.6	64.1	62.7	62.5	63.2
Dry Water Years	59.4	53.8	49.4	47.7	49.9	55.1	61.3	64.2	62.8	62.3	63.6	64.1
Critical Water Years	62.1	55.0	48.9	48.6	51.6	56.3	62.0	64.9	65.5	65.6	66.6	66.6

Table 5A-D1.24.5-C. Sacramento River at Stony Creek, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0	0.1
20%	0.2	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.1	0.3
30%	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1	0.3
40%	0.1	0.0	0.0	0.1	-0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0
50%	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	-0.2	0.0

Table 5A-D1.24.5-D. Sacramento River at Stony Creek, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1	-0.4	-0.2

Table 5A-D1.24.5-E. Sacramento River at Stony Creek, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.2%	0.0%	-0.2%	0.0%	-0.4%	-0.2%	0.0%	0.0%	0.0%	0.2%
20%	0.3%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.2%	0.5%
30%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.3%	0.1%	0.5%
40%	0.2%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.1%	0.0%	0.1%	-0.1%	0.0%
50%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%
60%	-0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.2%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.4%	0.0%	0.2%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	-0.3%	0.0%

Table 5A-D1.24.5-F. Sacramento River at Stony Creek, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.6%	-0.3%

Figure 5A-D1.24.1. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

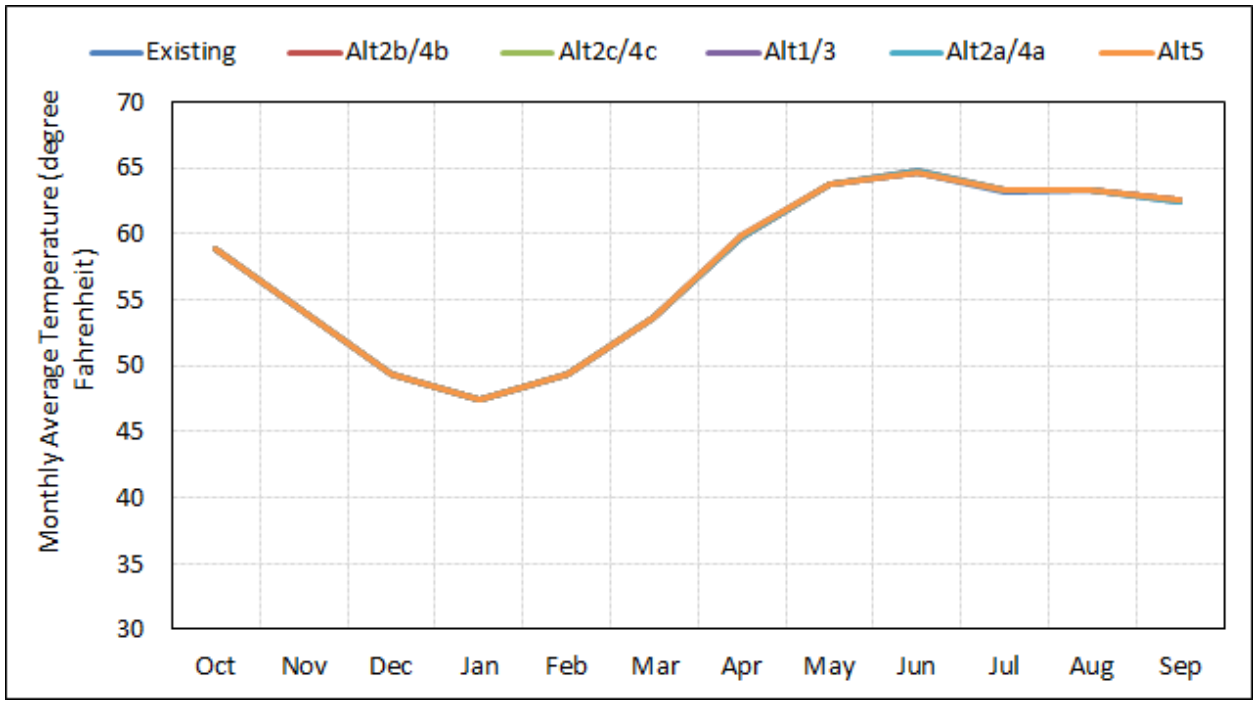


Figure 5A-D1.24.2. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

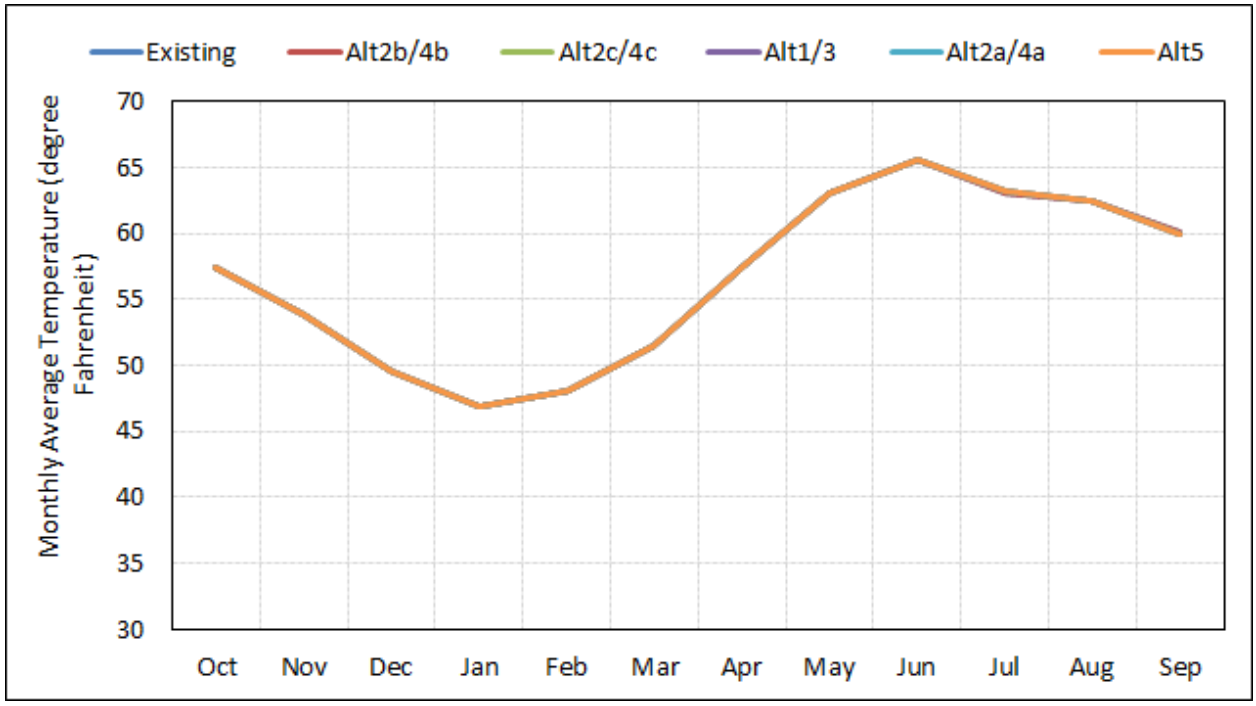


Figure 5A-D1.24.3. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

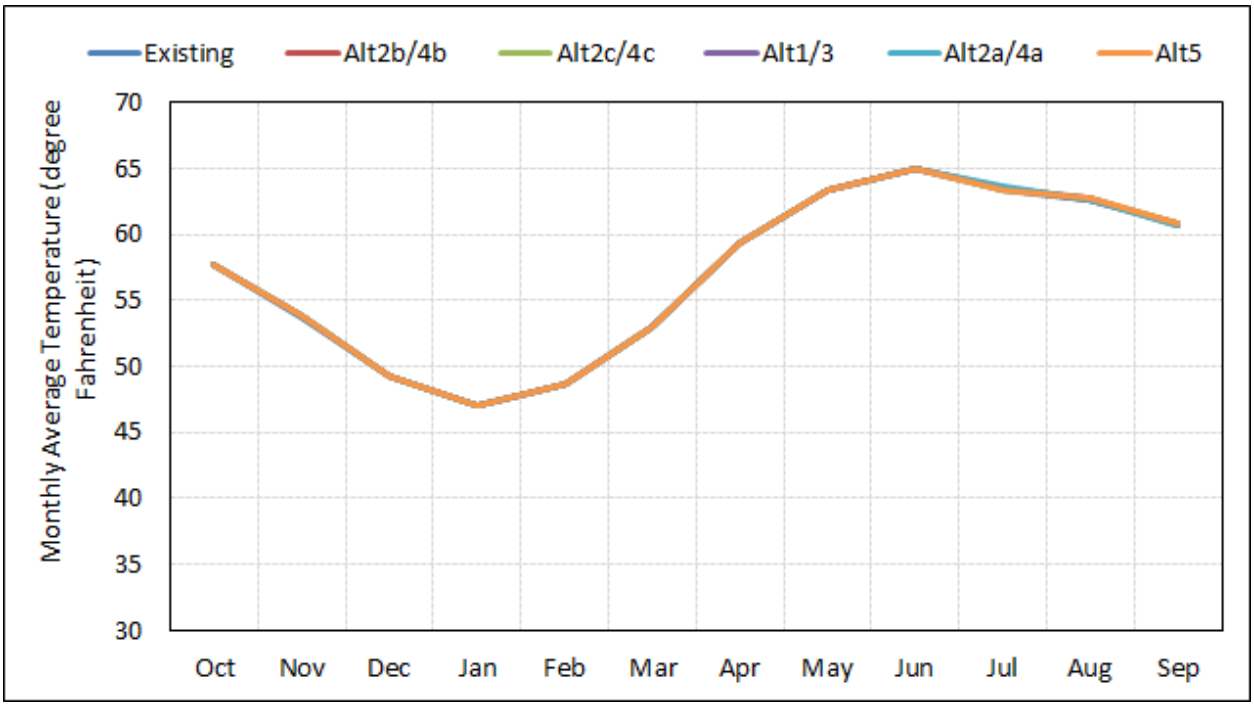


Figure 5A-D1.24.4. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

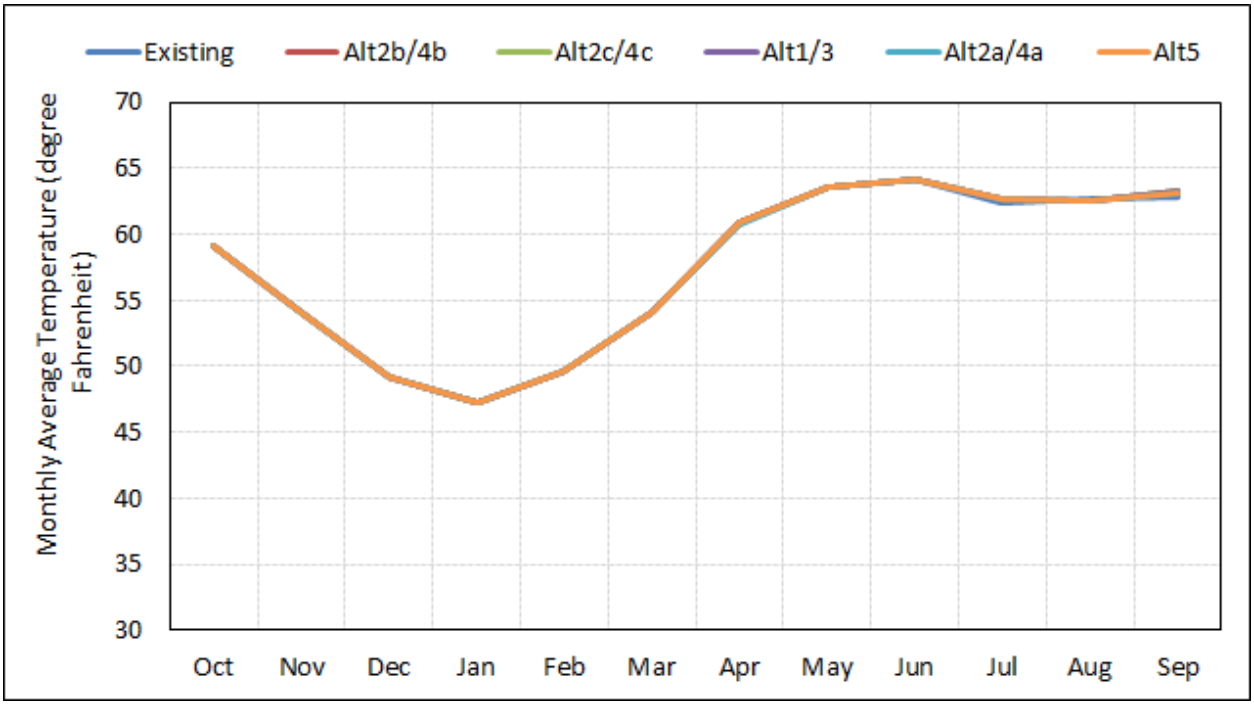


Figure 5A-D1.24.5. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

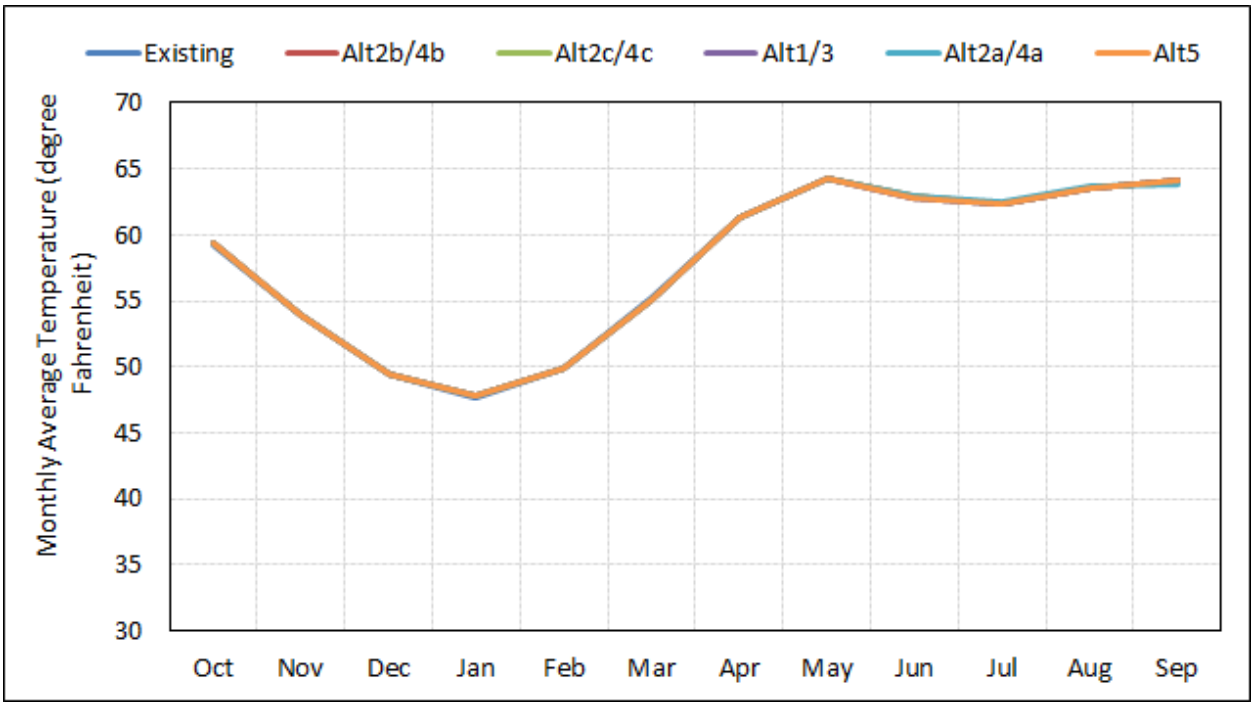


Figure 5A-D1.24.6. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

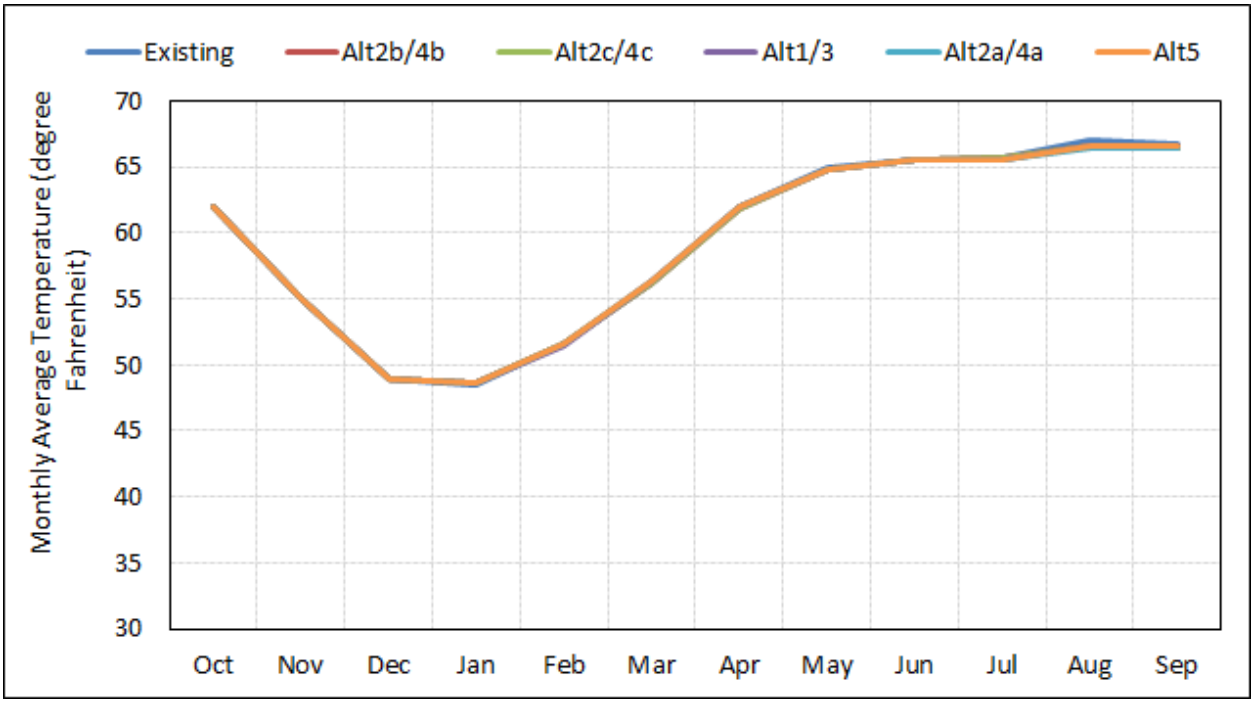


Figure 5A-D1.24.7. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

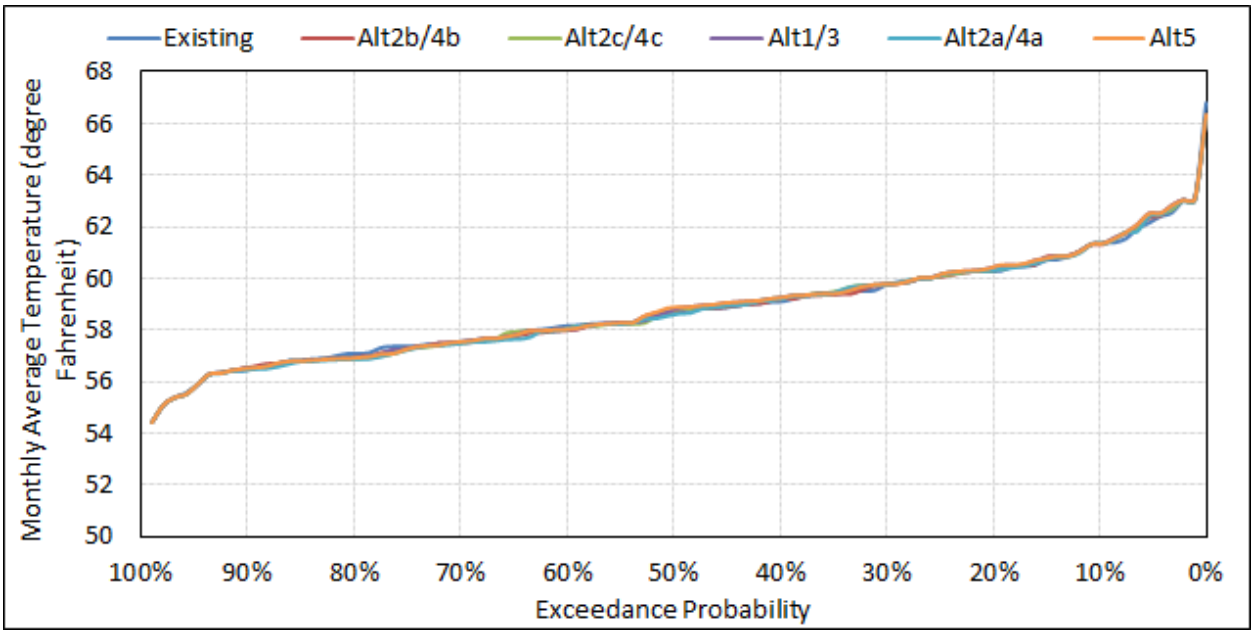


Figure 5A-D1.24.8. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

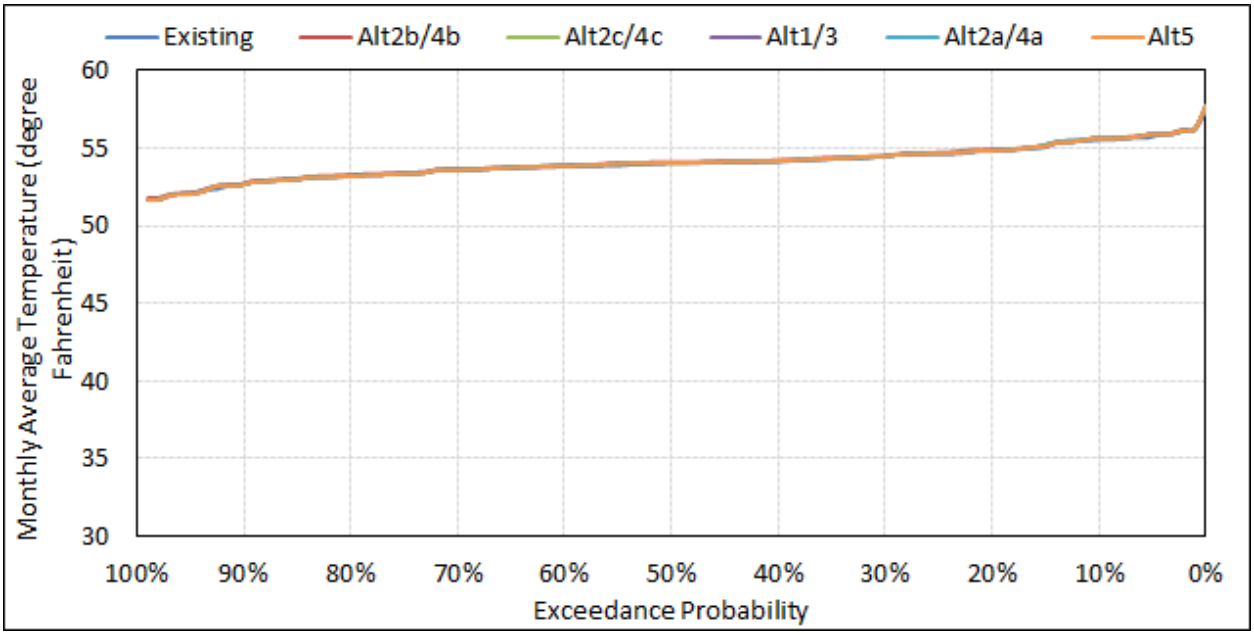


Figure 5A-D1.24.9. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

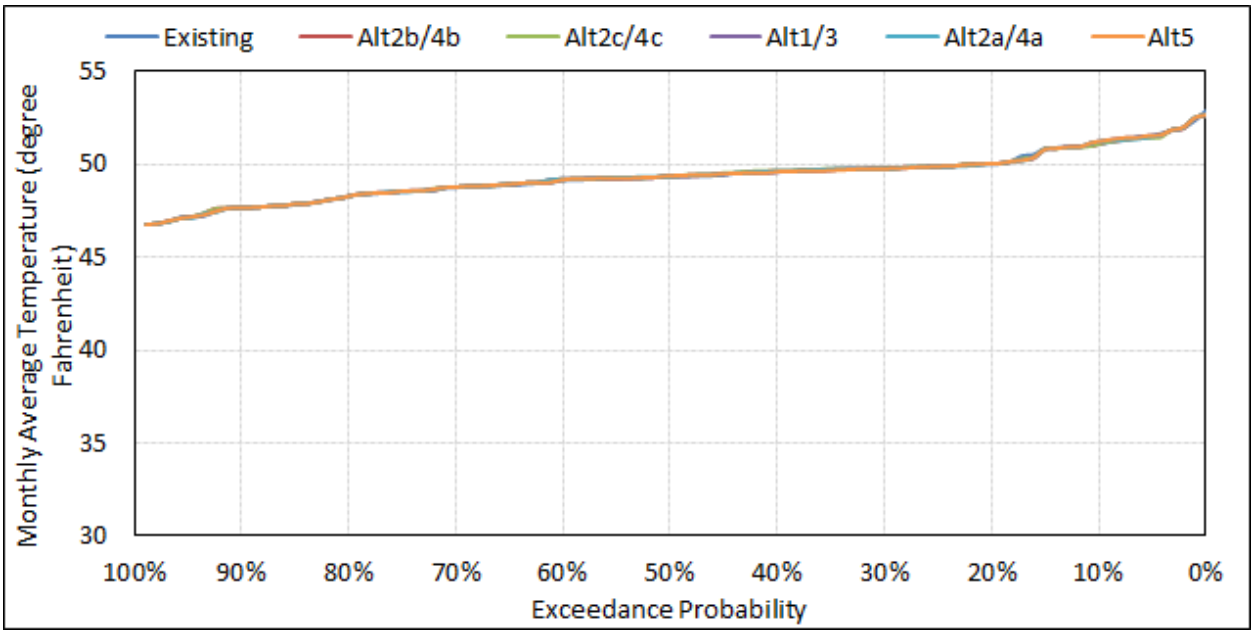


Figure 5A-D1.24.10. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

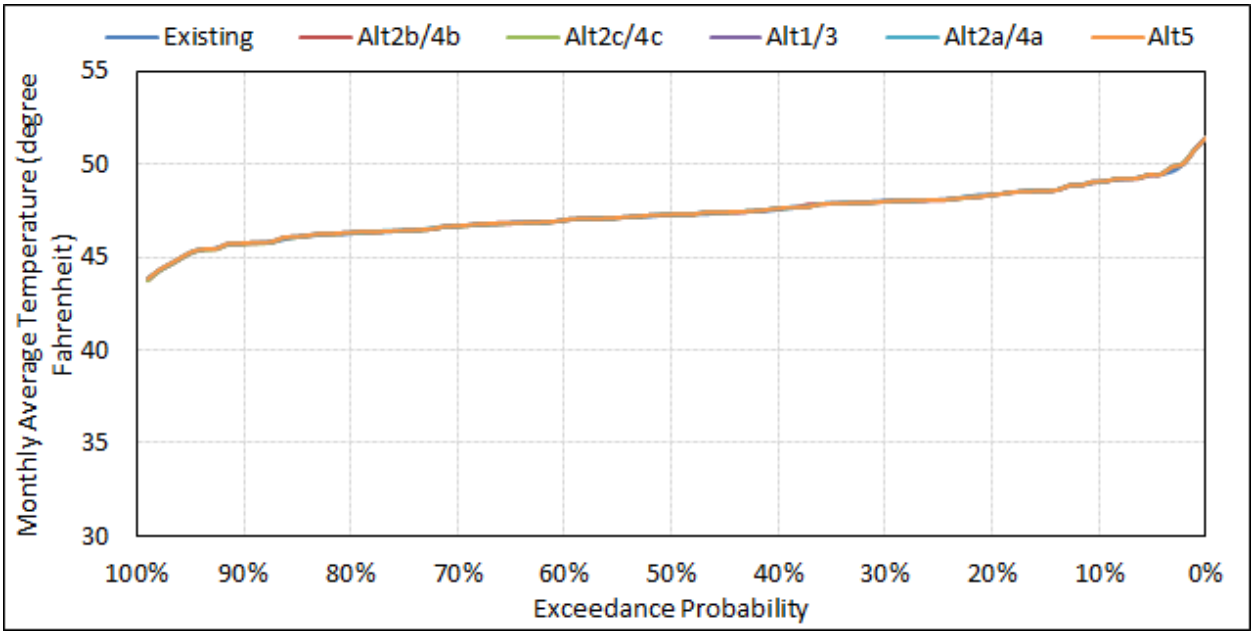


Figure 5A-D1.24.11. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

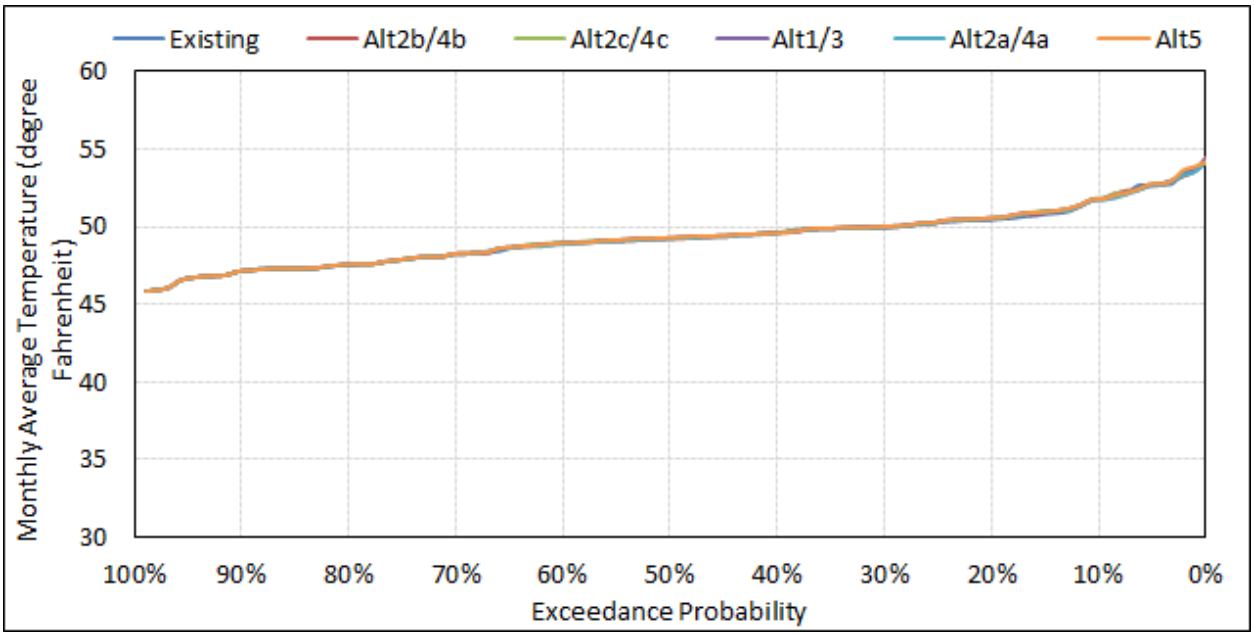


Figure 5A-D1.24.12. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

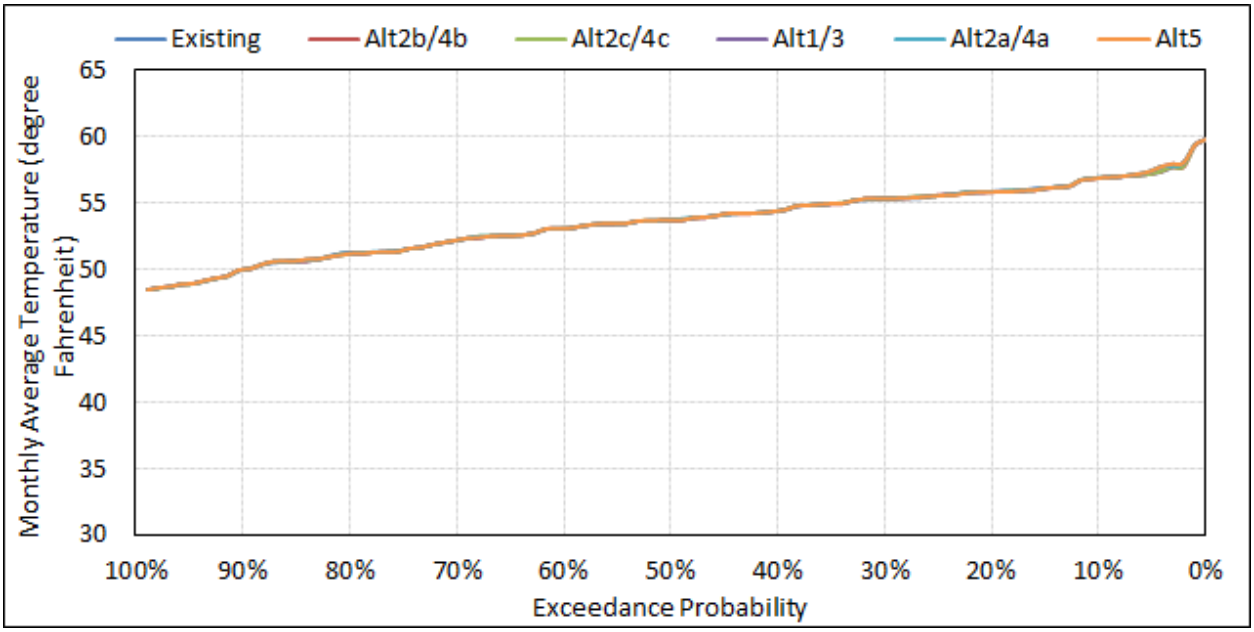


Figure 5A-D1.24.13. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

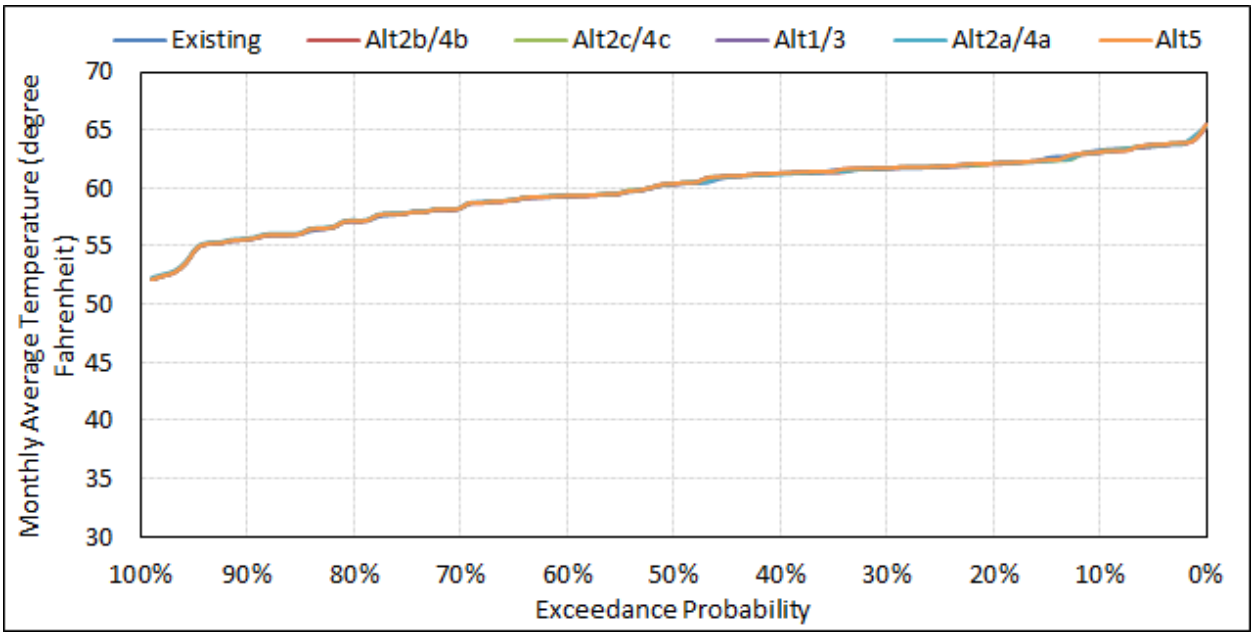


Figure 5A-D1.24.14. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

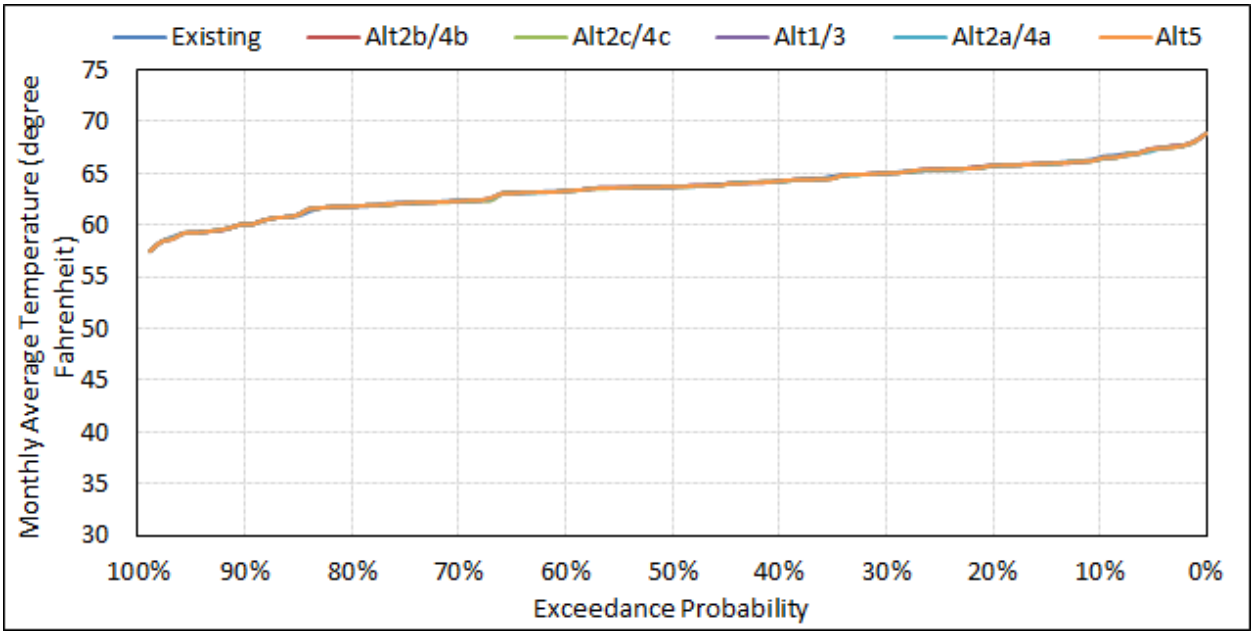


Figure 5A-D1.24.15. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

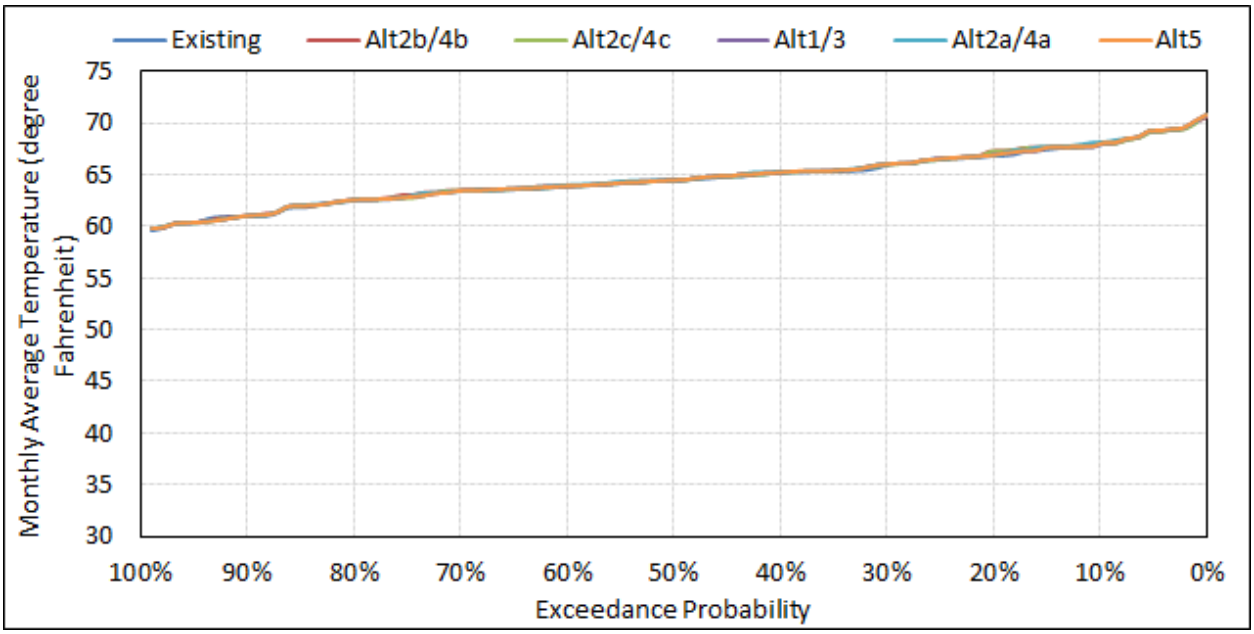


Figure 5A-D1.24.16. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

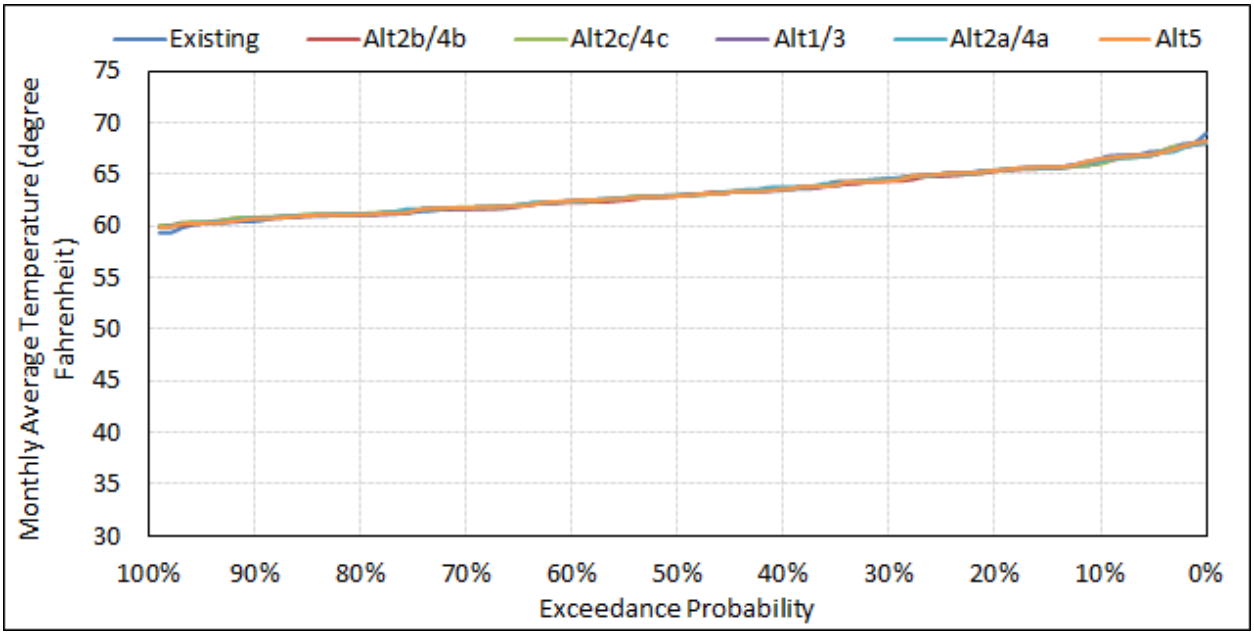


Figure 5A-D1.24.17. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

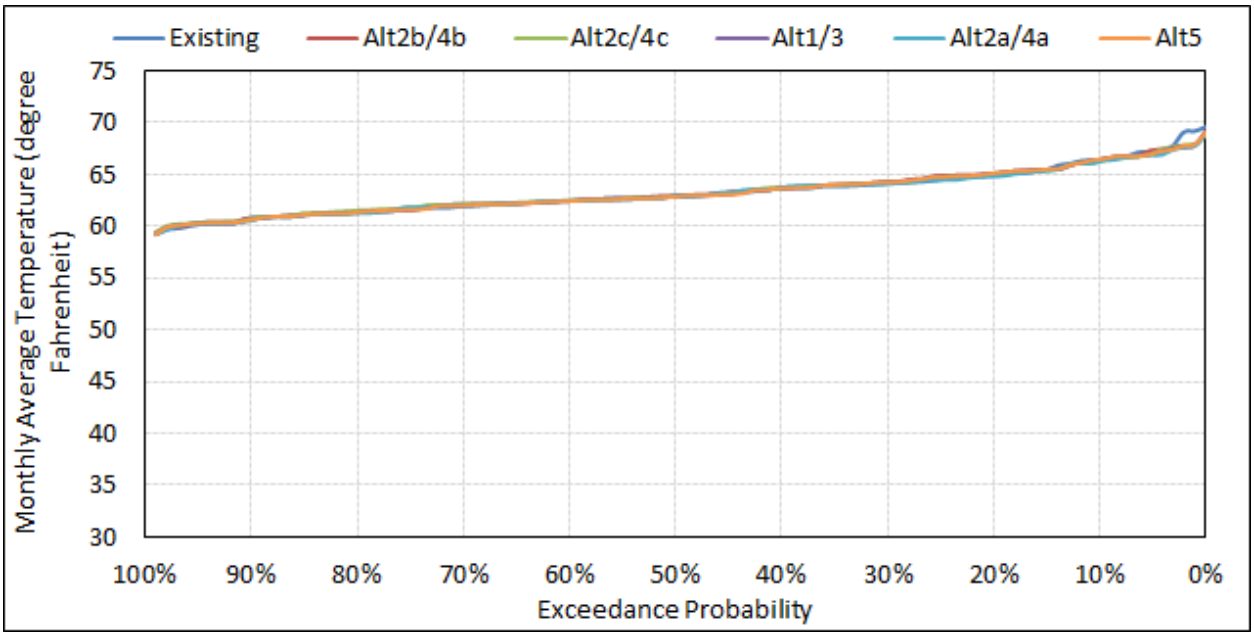


Figure 5A-D1.24.18. Sacramento River at Stony Creek, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

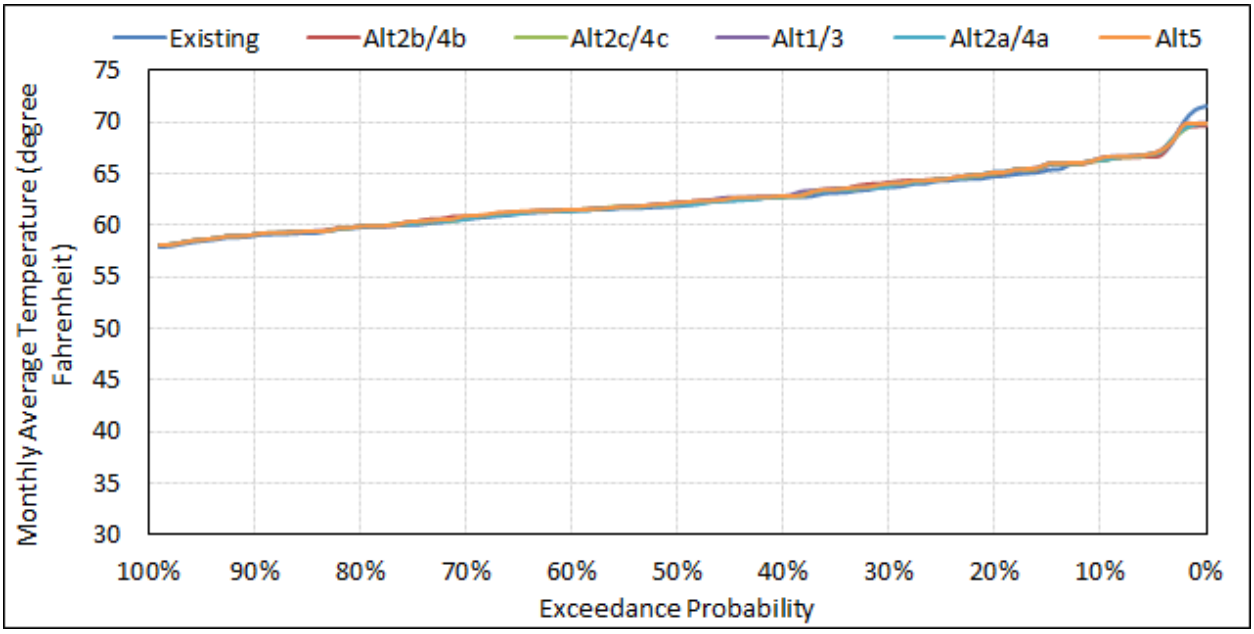
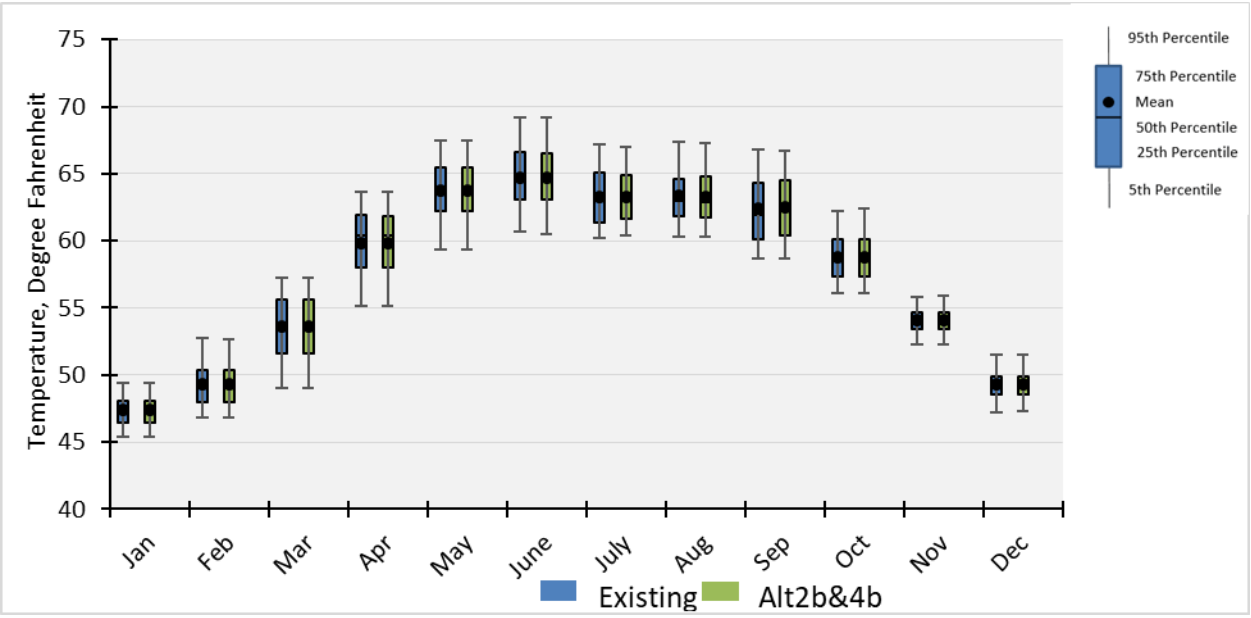


Figure 5A-D1.24.19. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



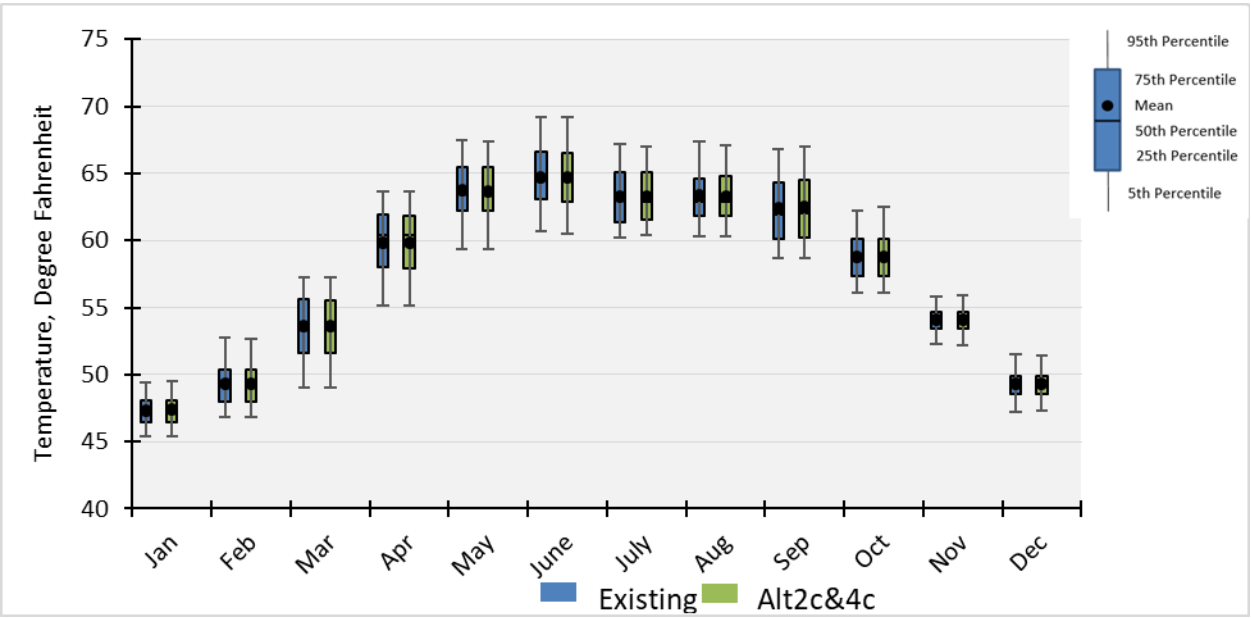
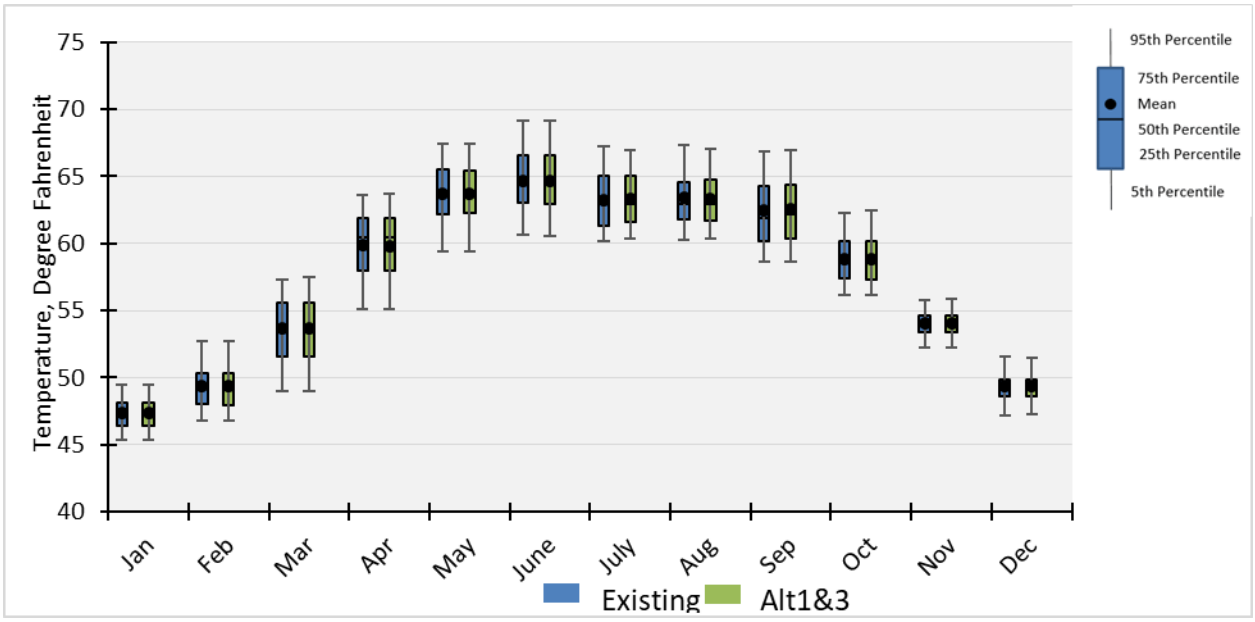


Figure 5A-D1.24.20. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



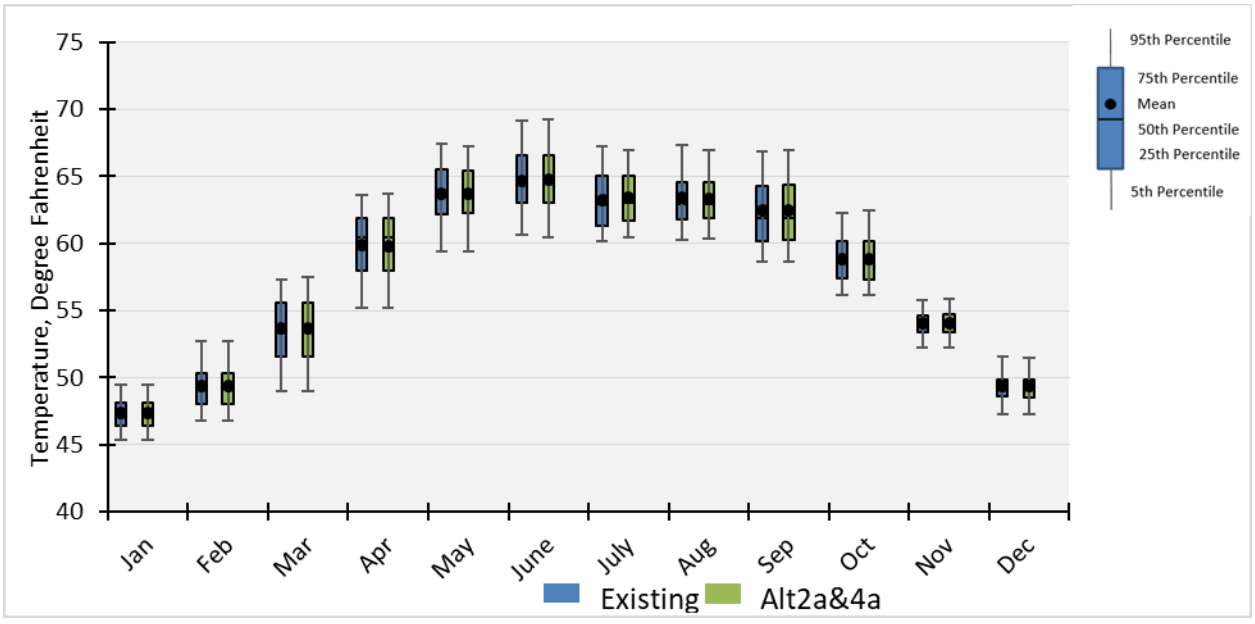


Figure 5A-D1.24.21. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

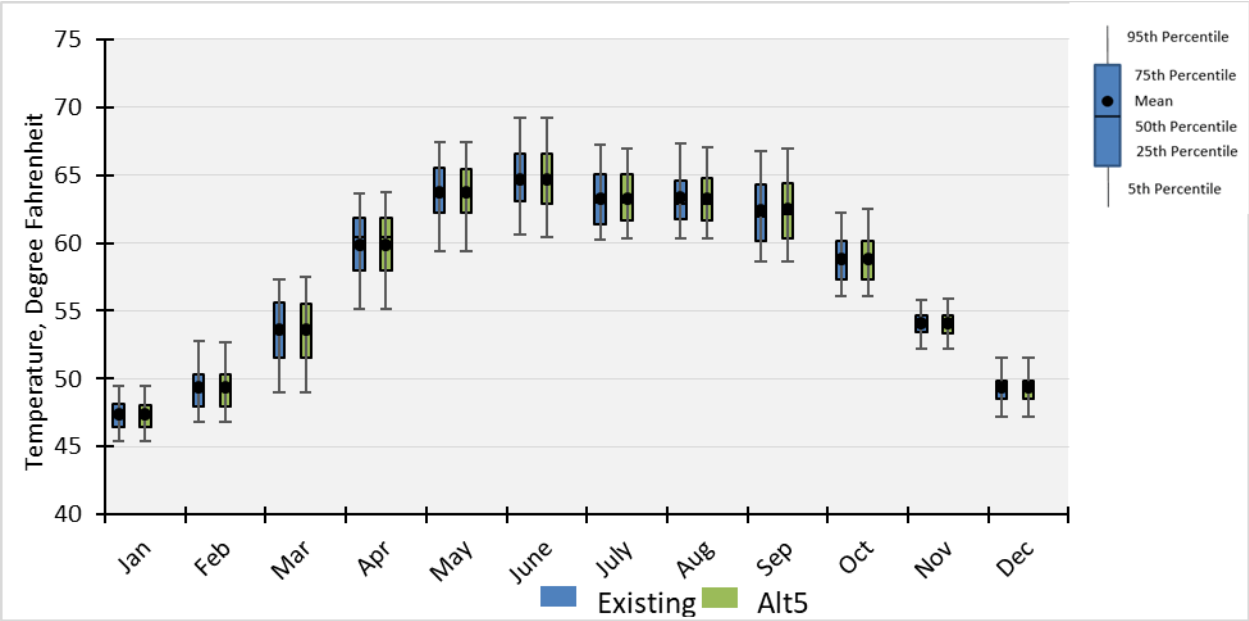
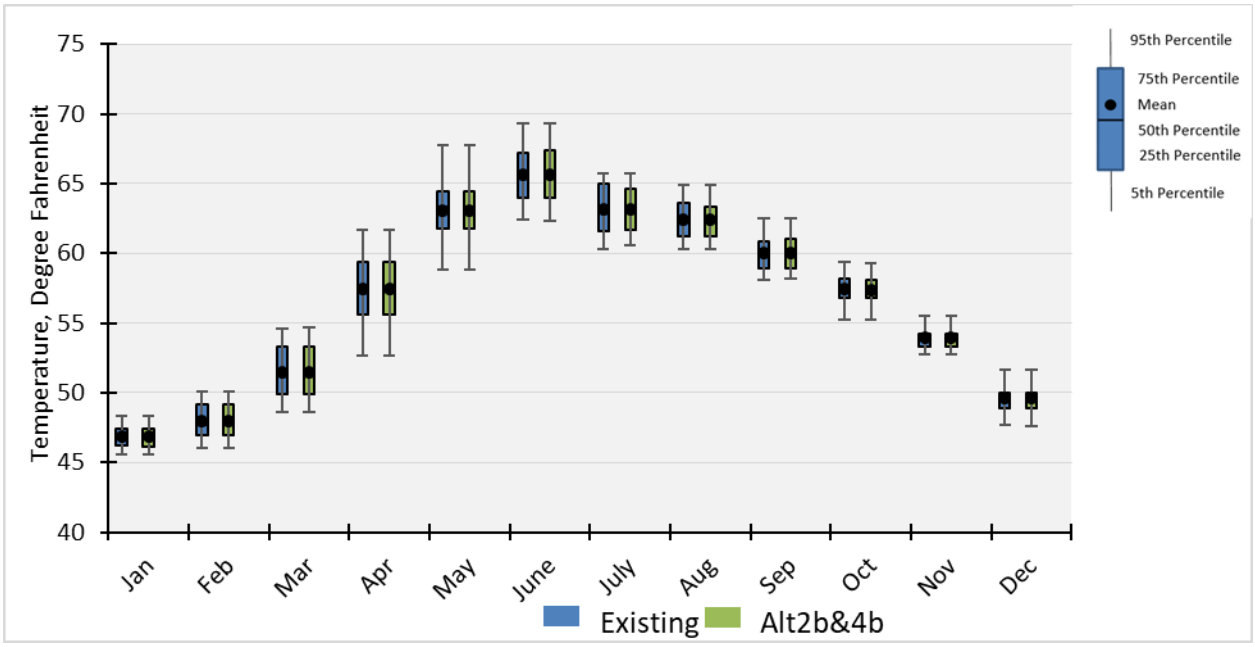


Figure 5A-D1.24.22. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



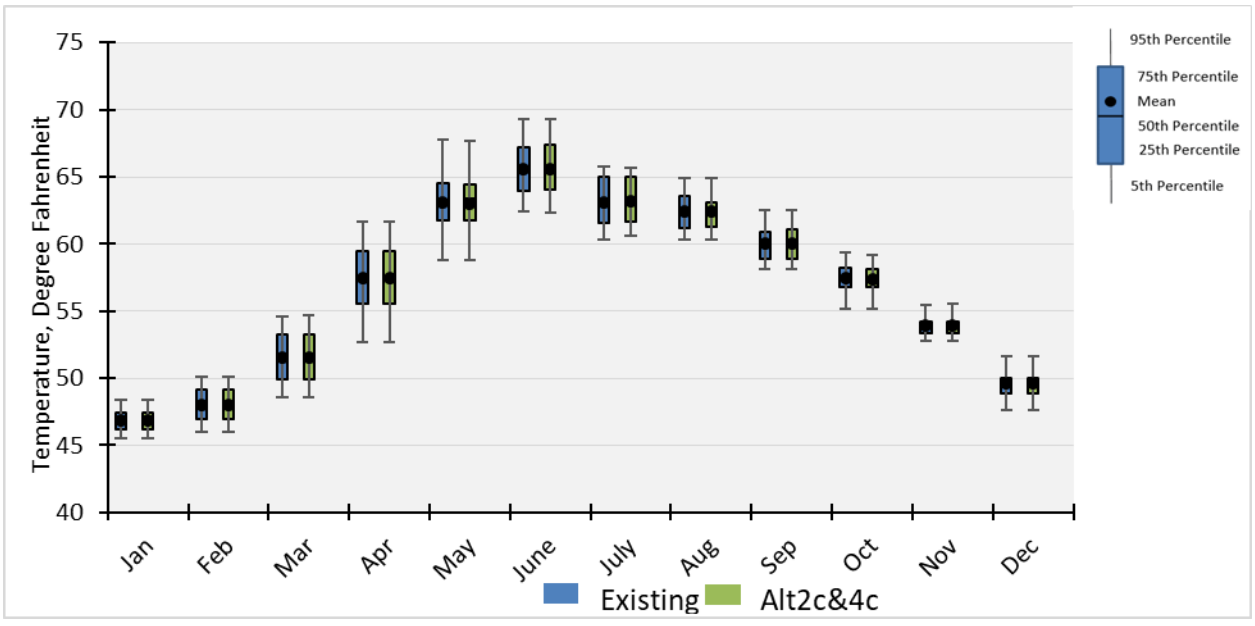
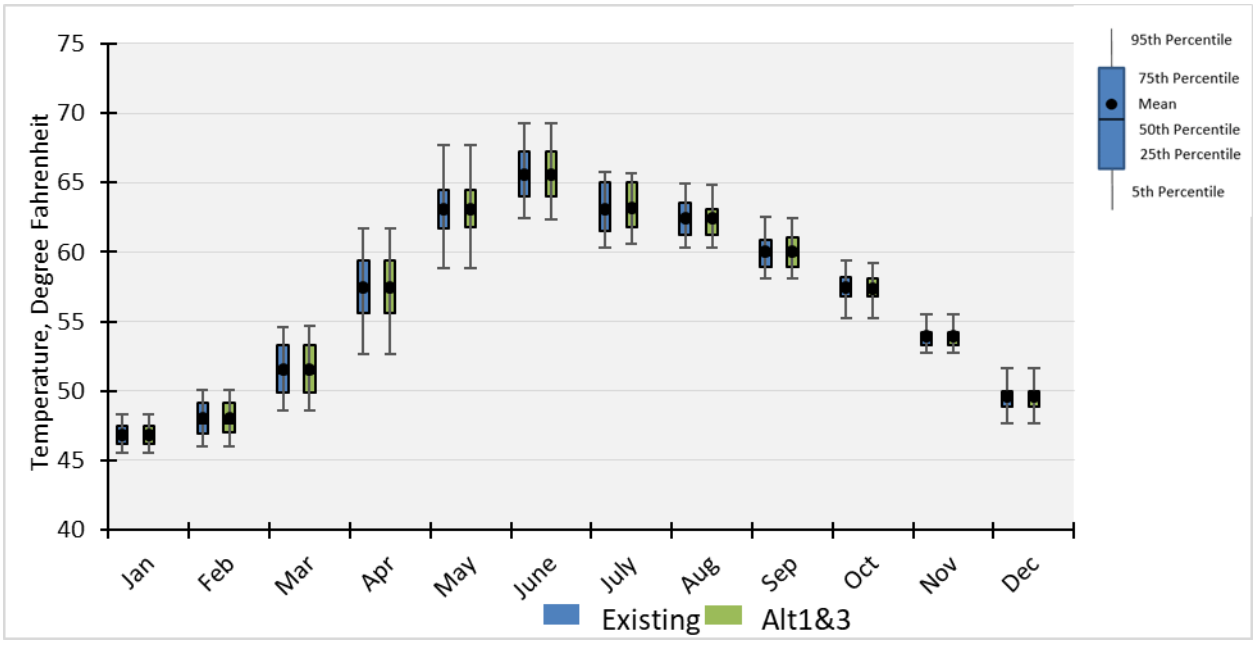


Figure 5A-D1.24.23. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



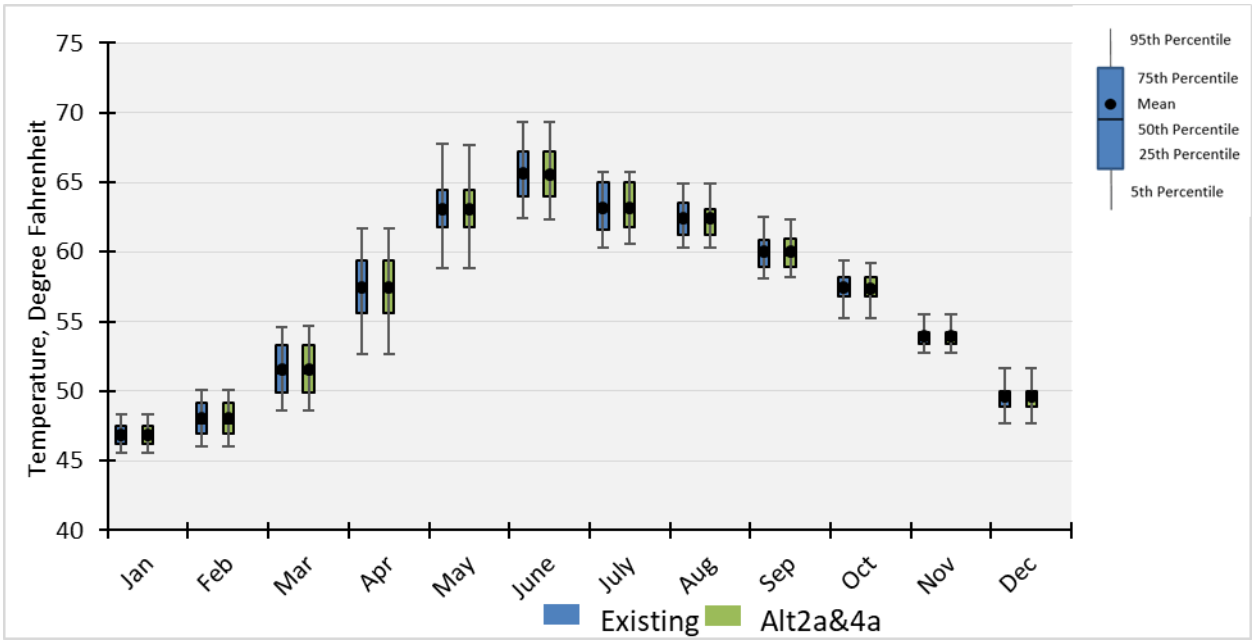


Figure 5A-D1.24.24. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

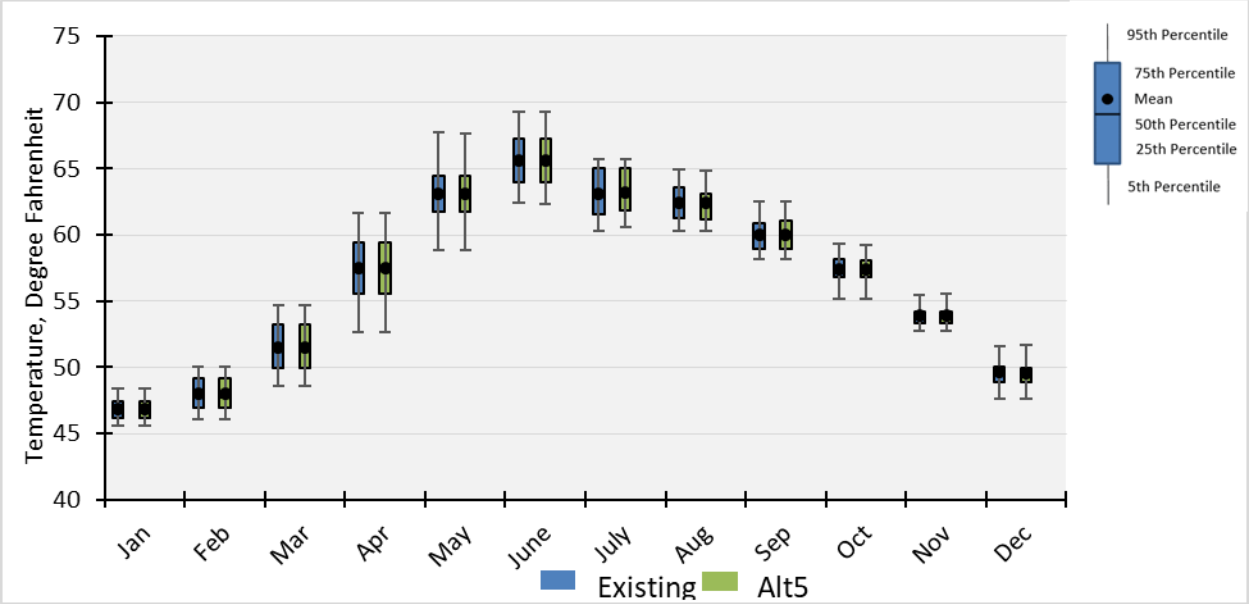
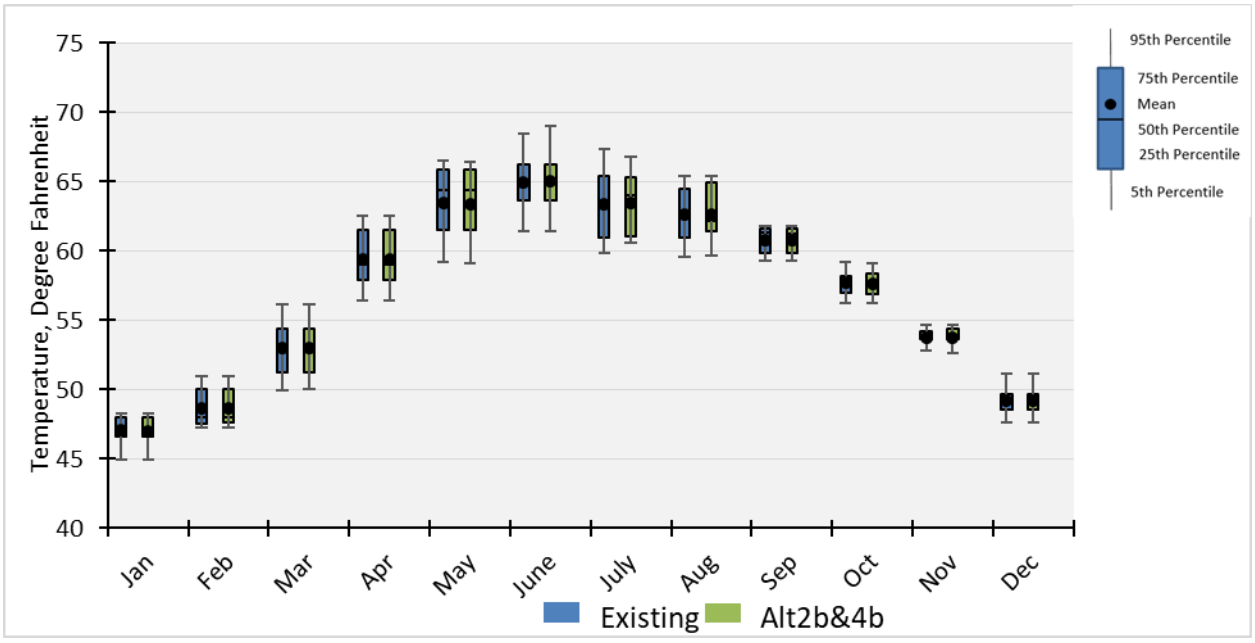


Figure 5A-D1.24.25. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



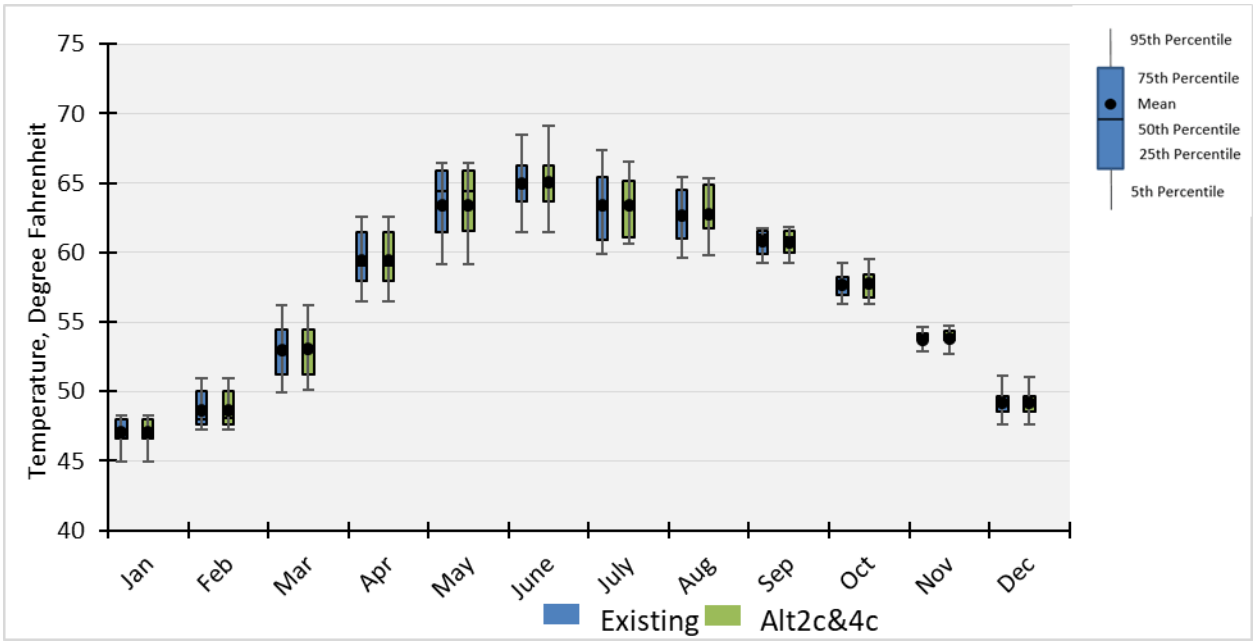
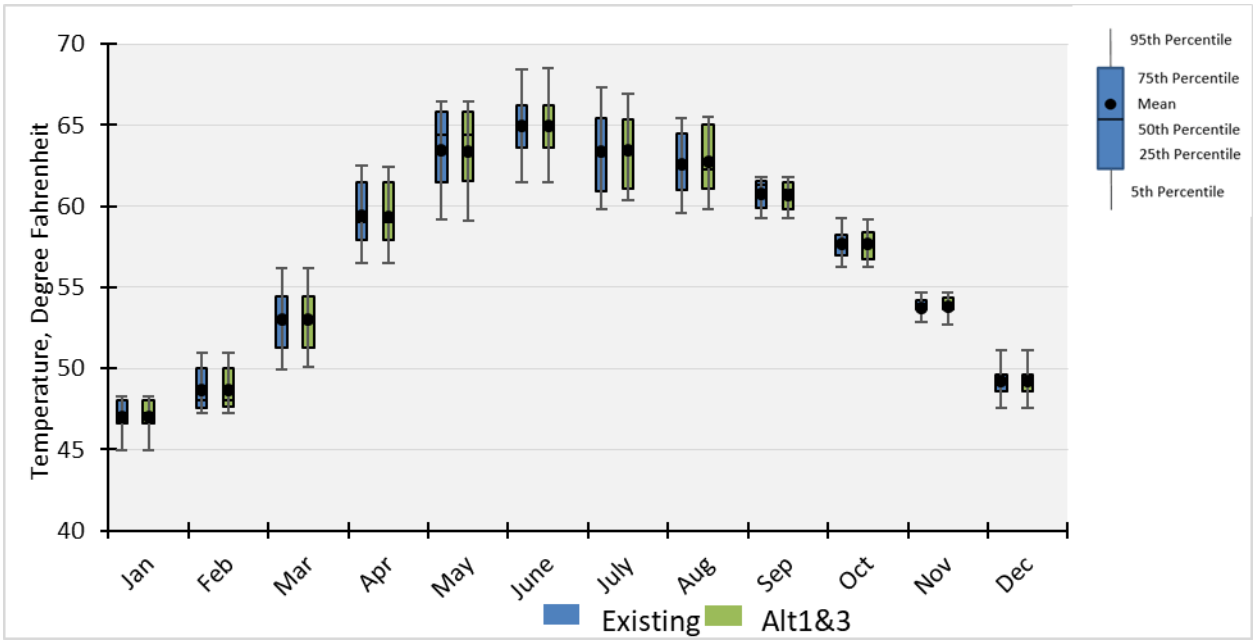


Figure 5A-D1.24.26. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



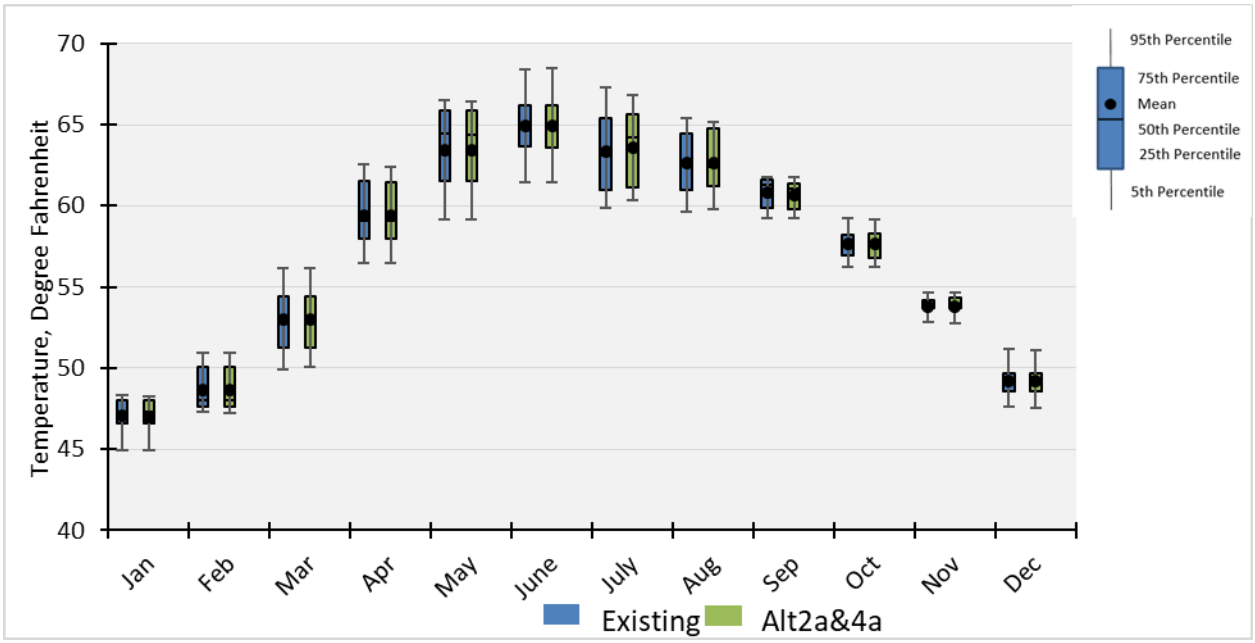


Figure 5A-D1.24.27. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

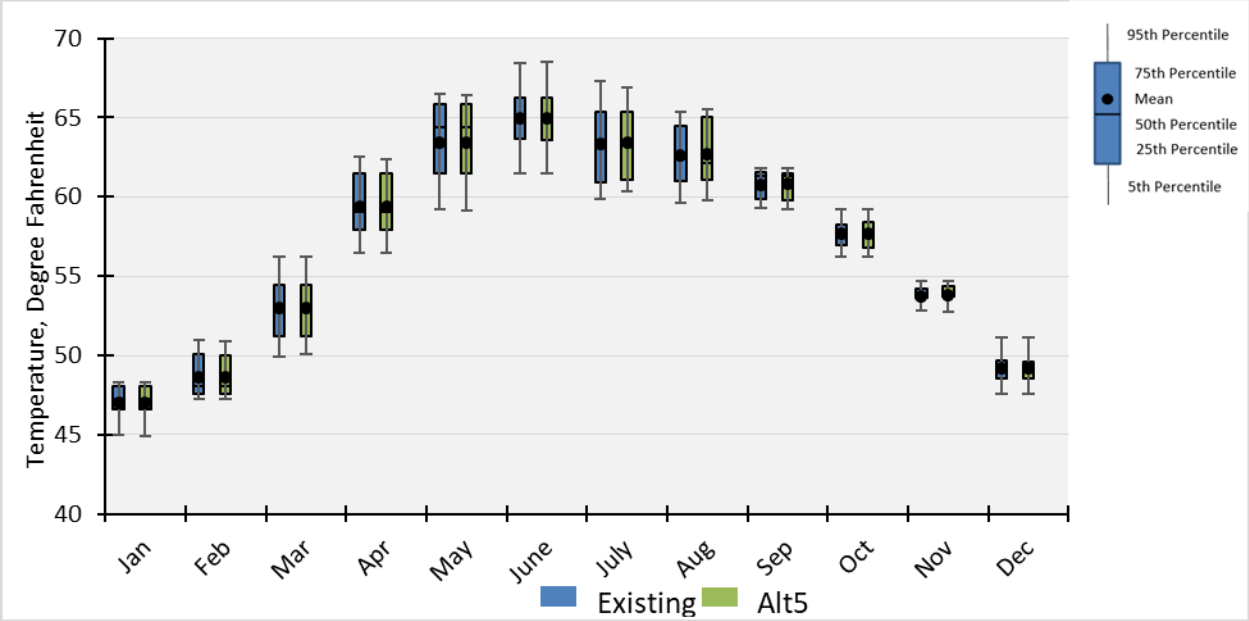
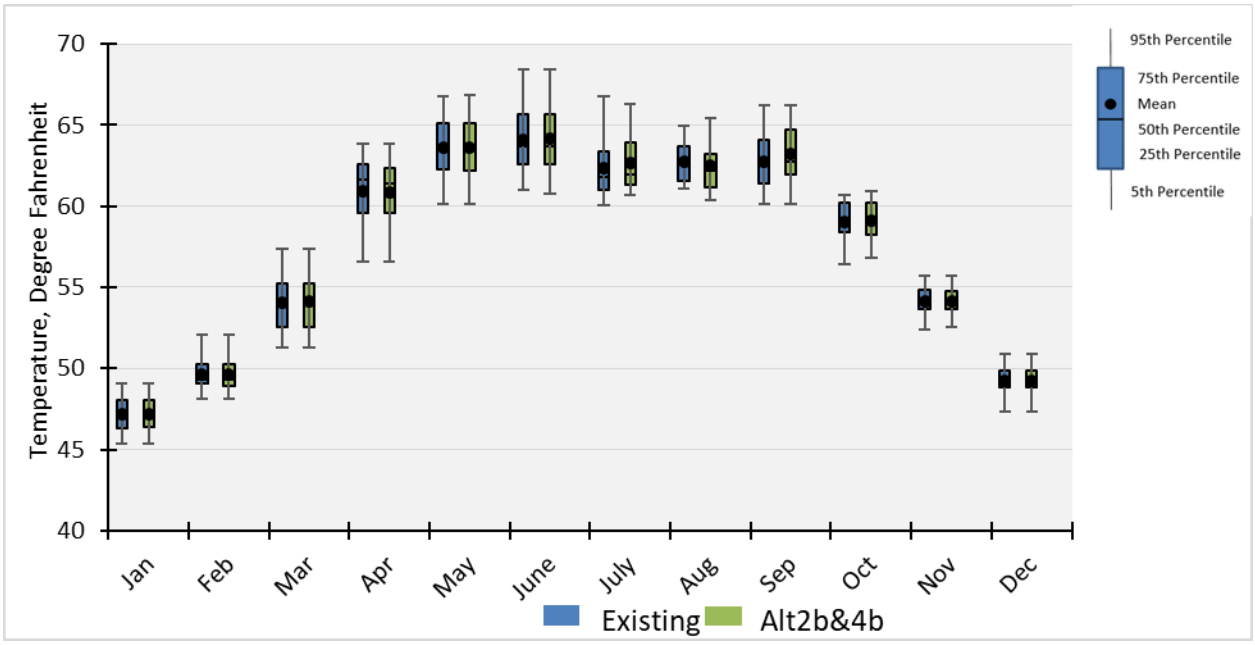


Figure 5A-D1.24.28. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



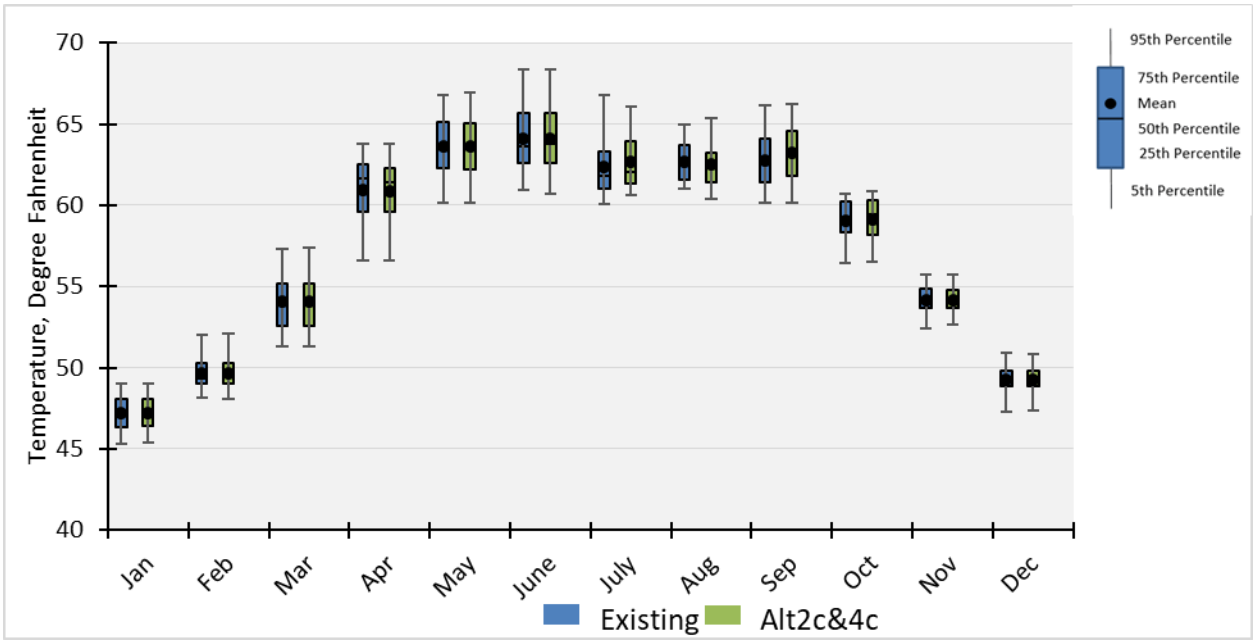
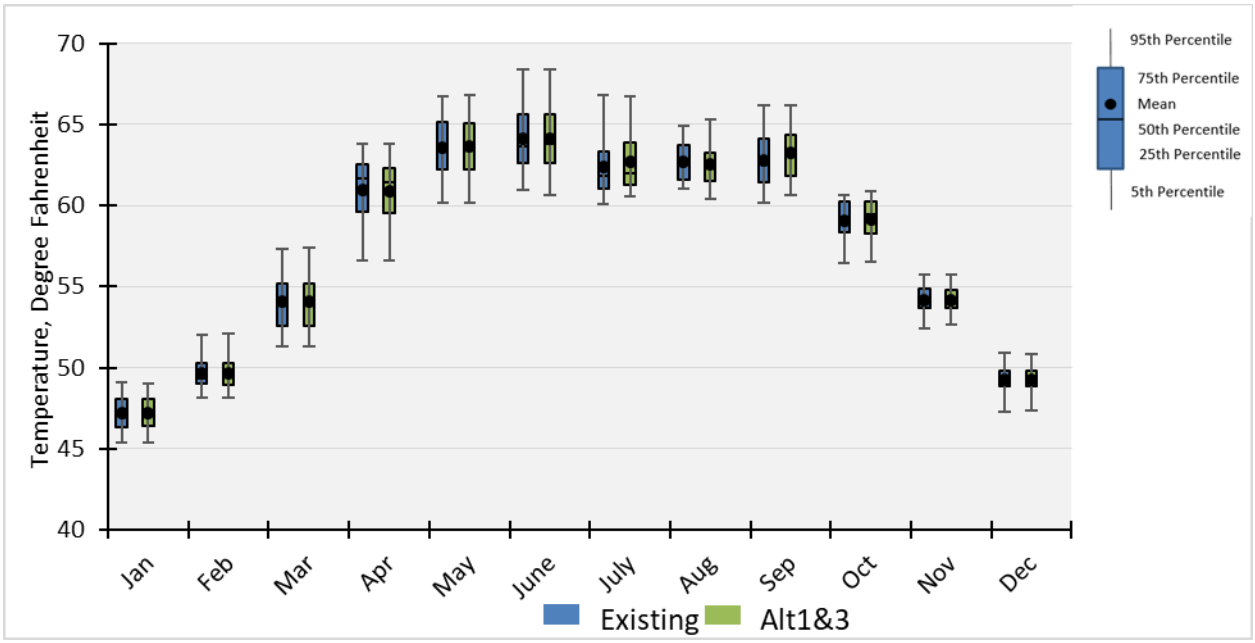


Figure 5A-D1.24.29. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



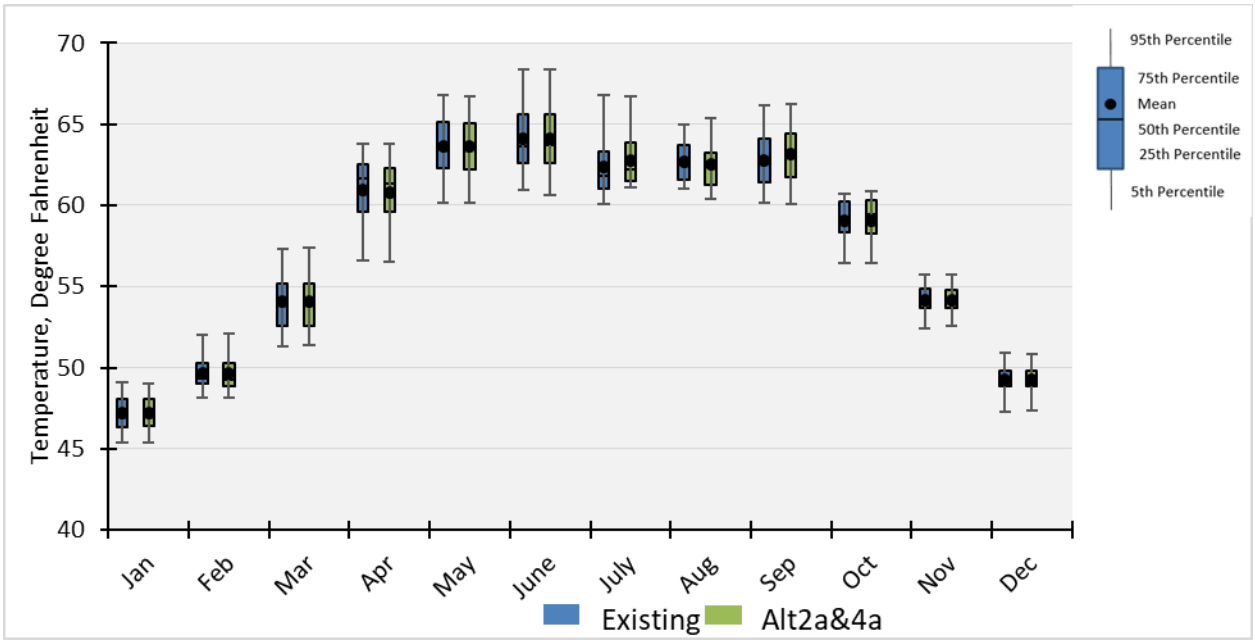


Figure 5A-D1.24.30. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

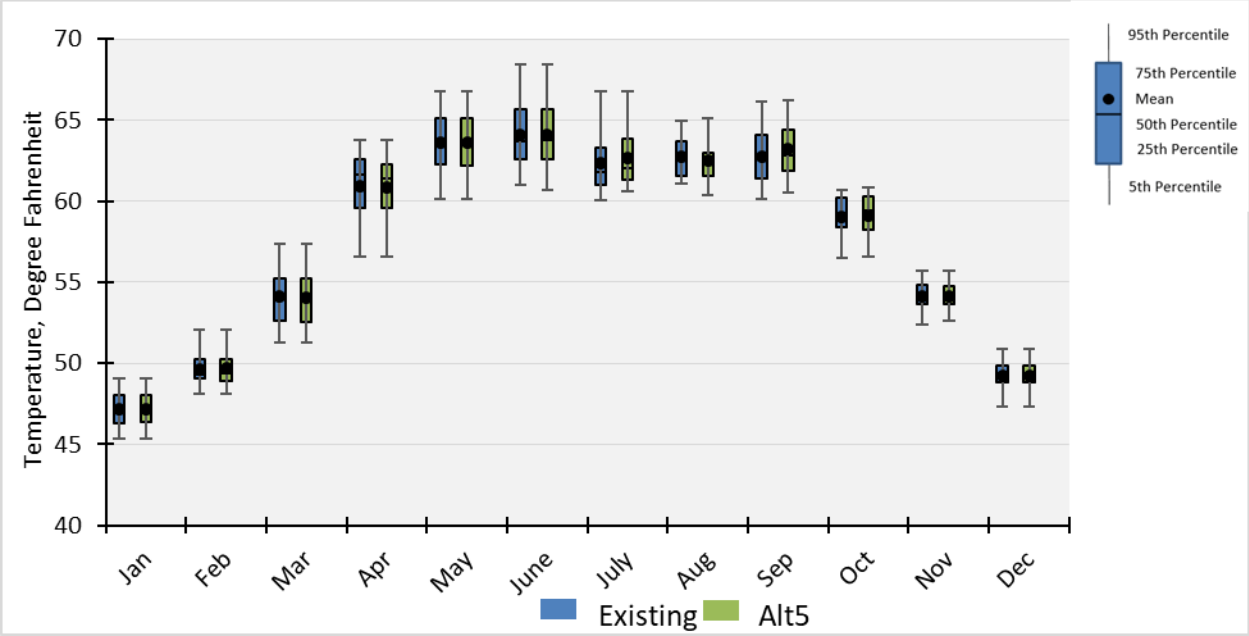
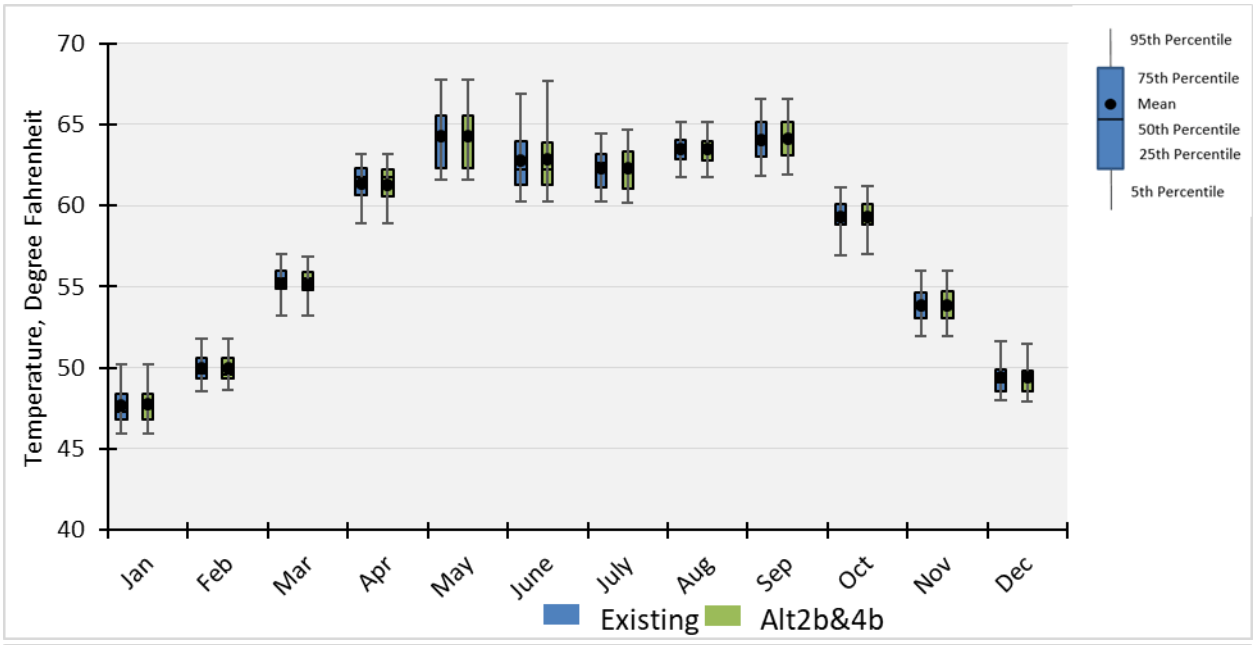


Figure 5A-D1.24.31. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



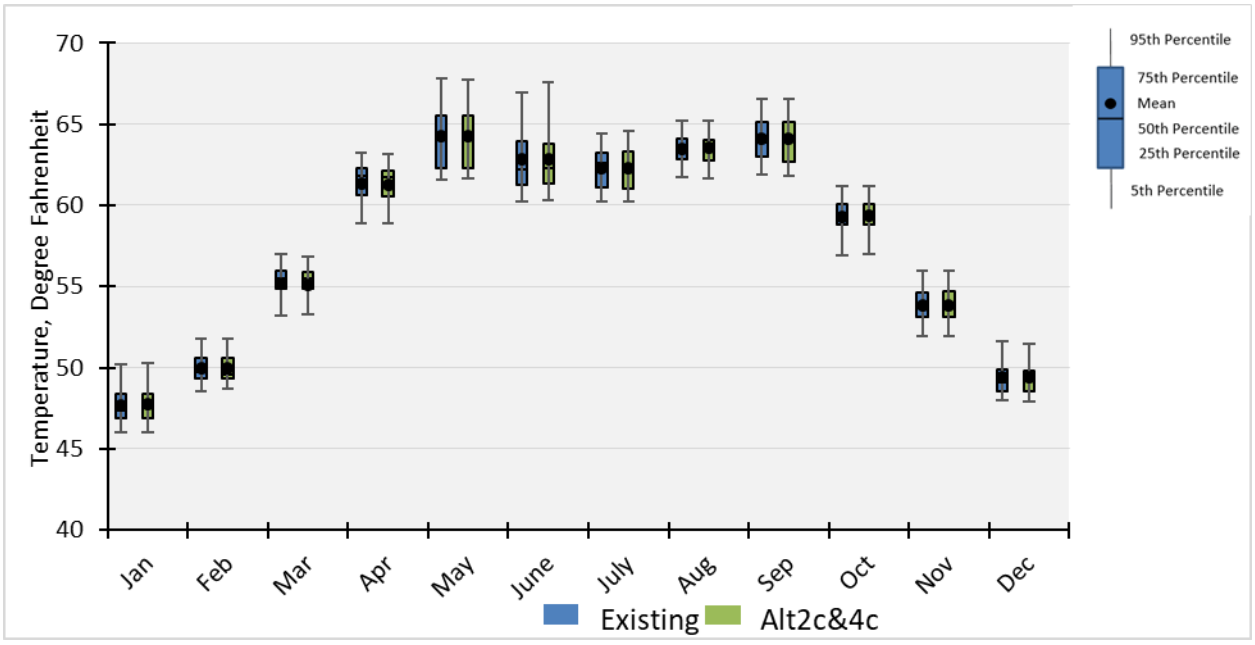
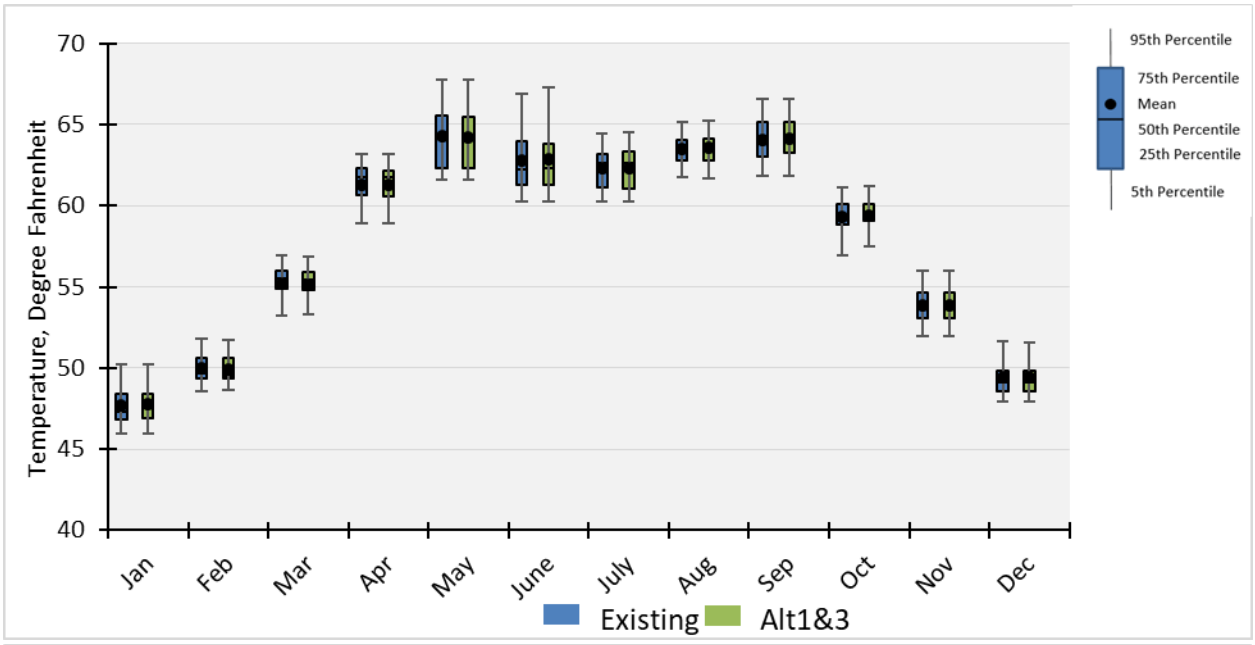


Figure 5A-D1.24.32. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



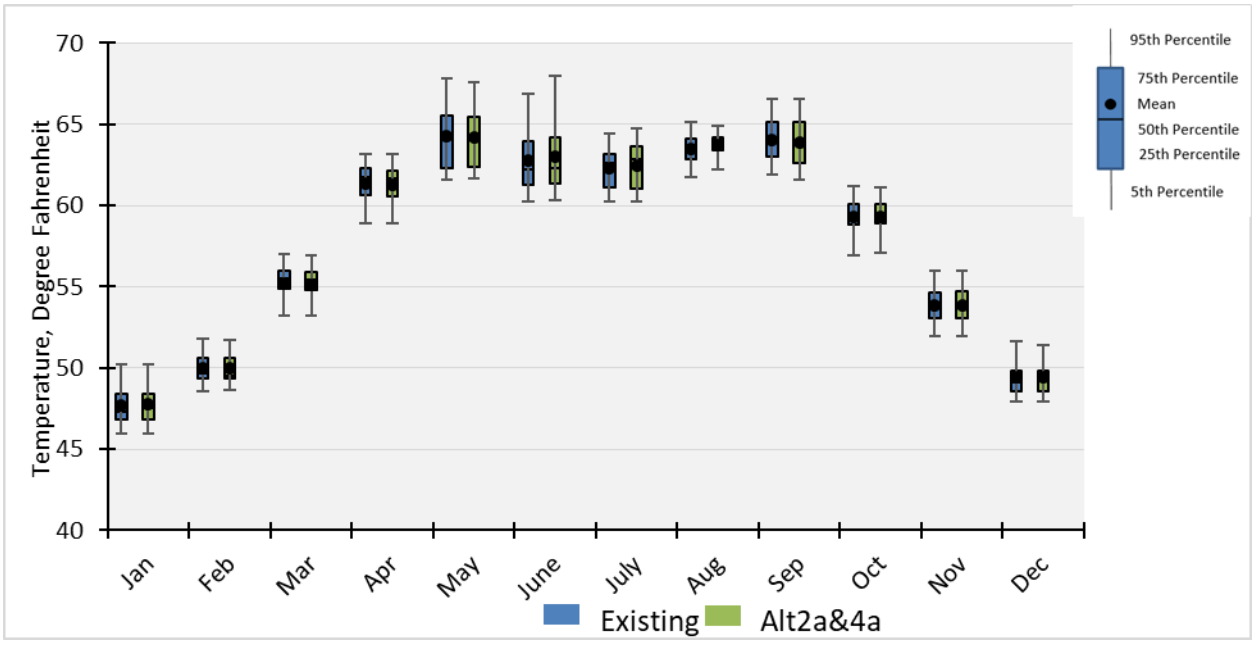


Figure 5A-D1.24.33. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

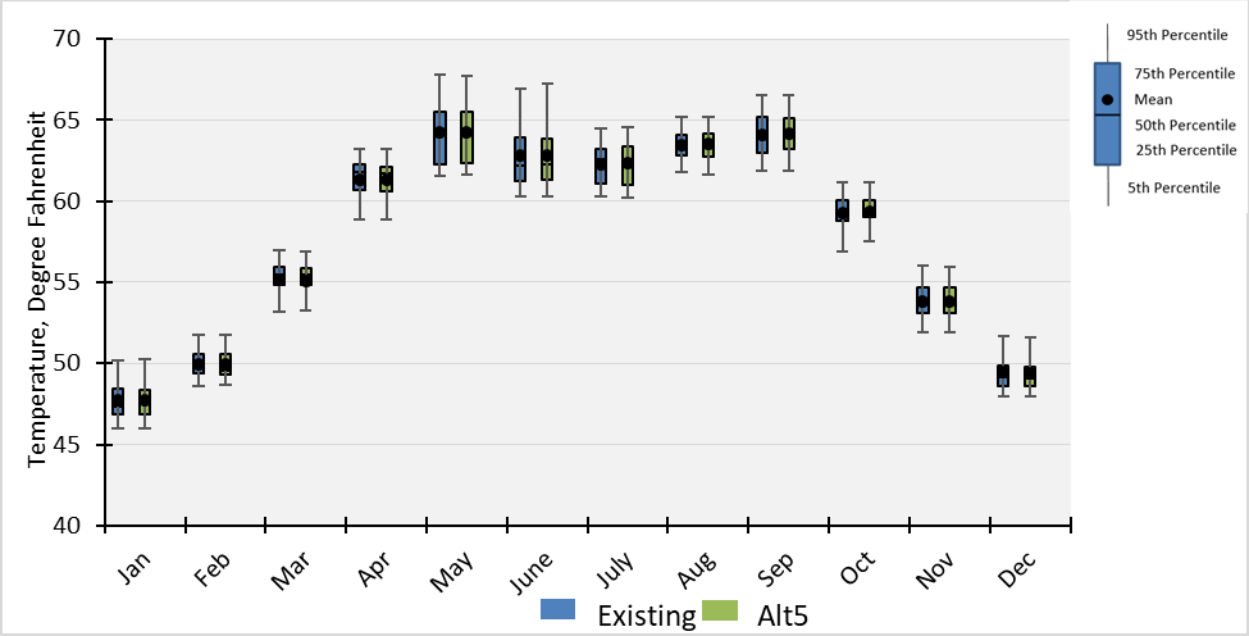
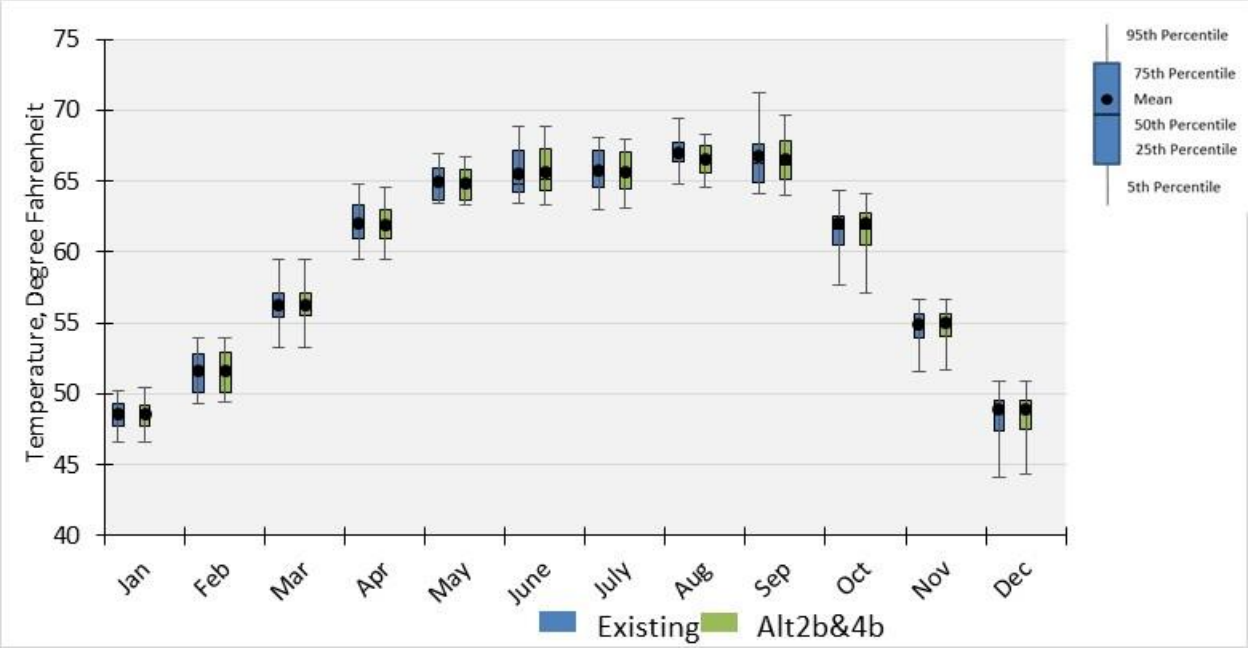


Figure 5A-D1.24.34. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



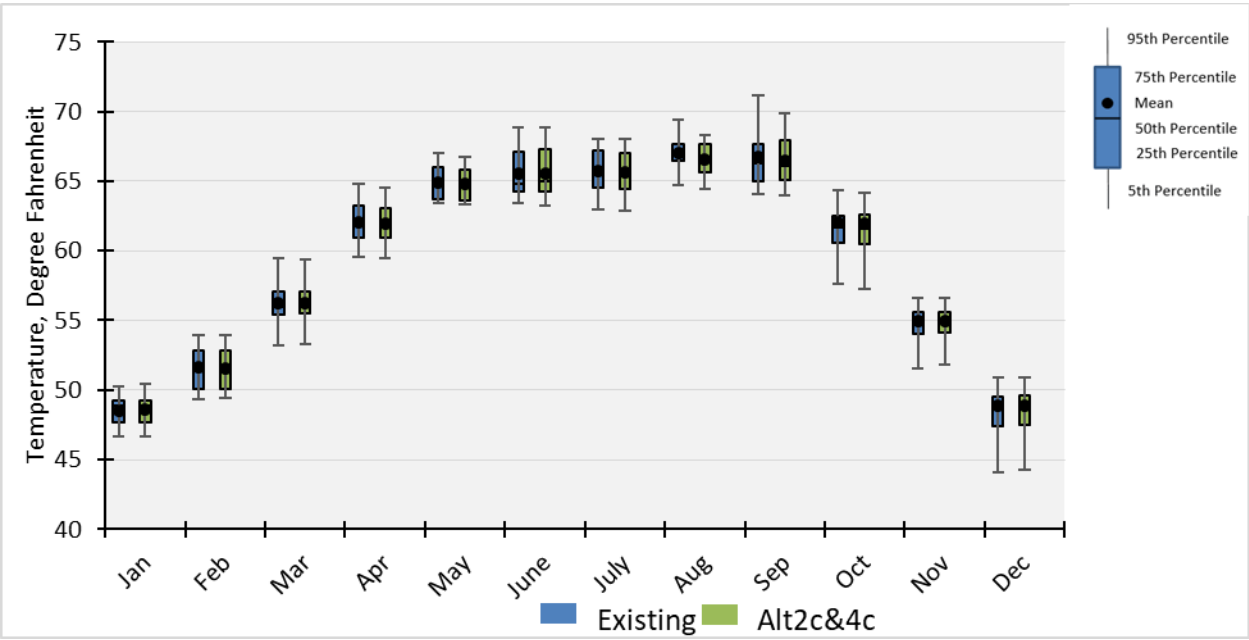
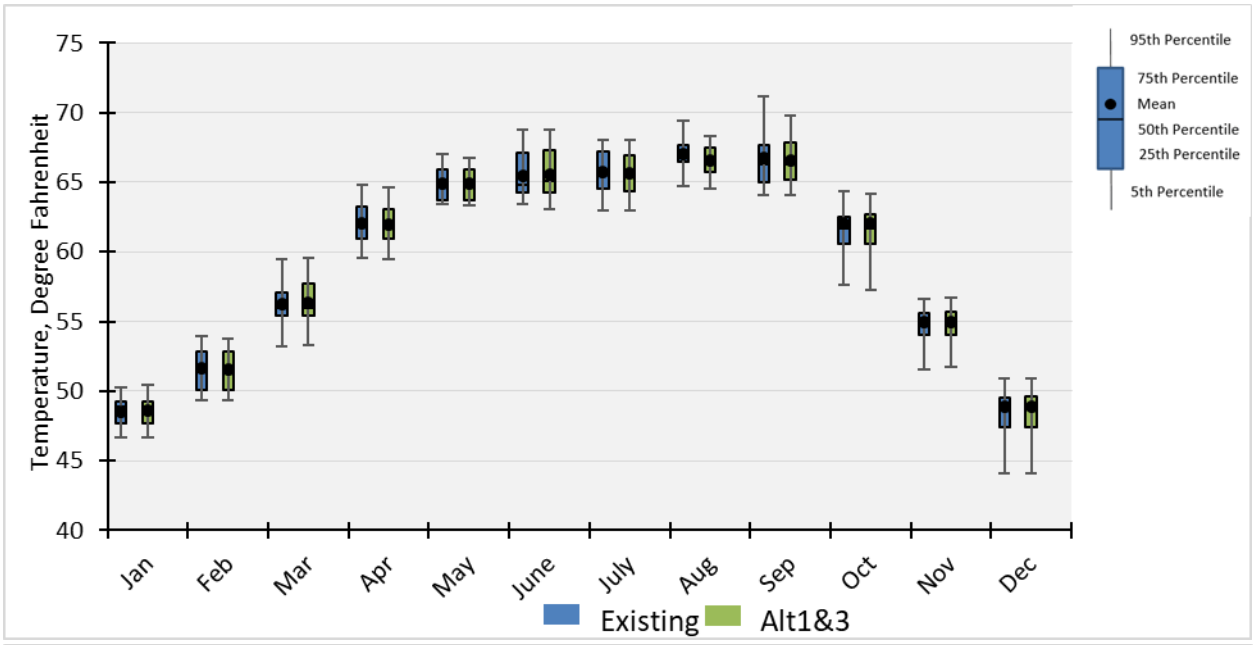


Figure 5A-D1.24.35. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



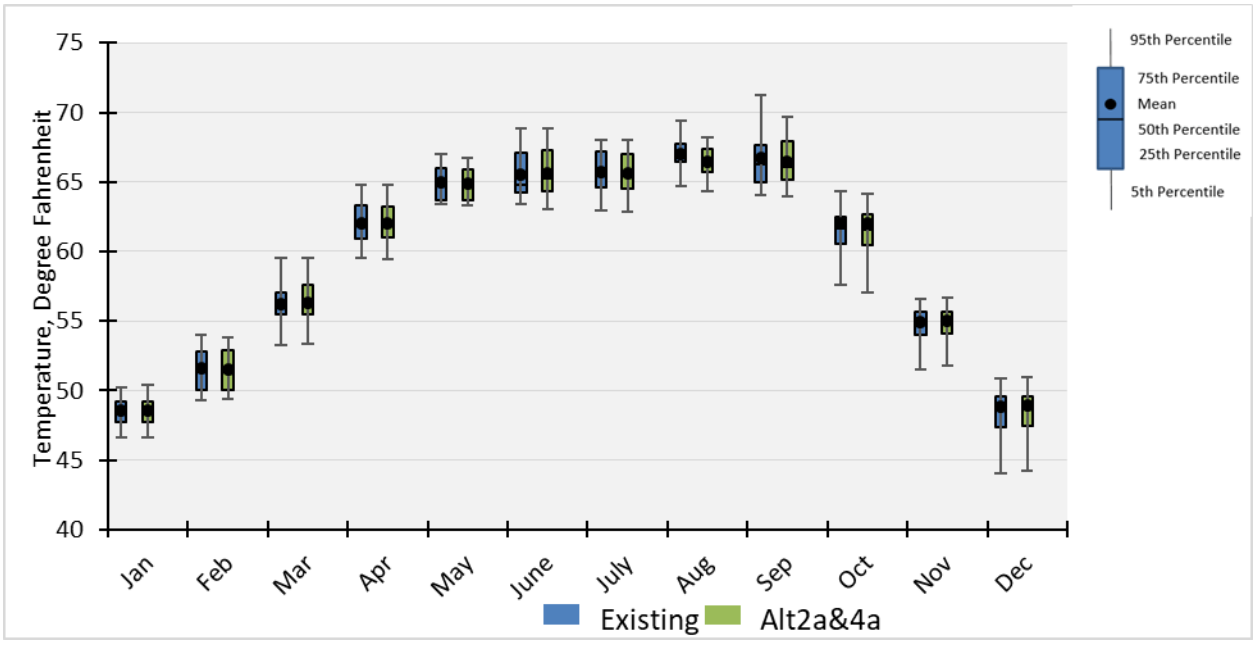


Figure 5A-D1.24.36. Sacramento River at Stony Creek, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

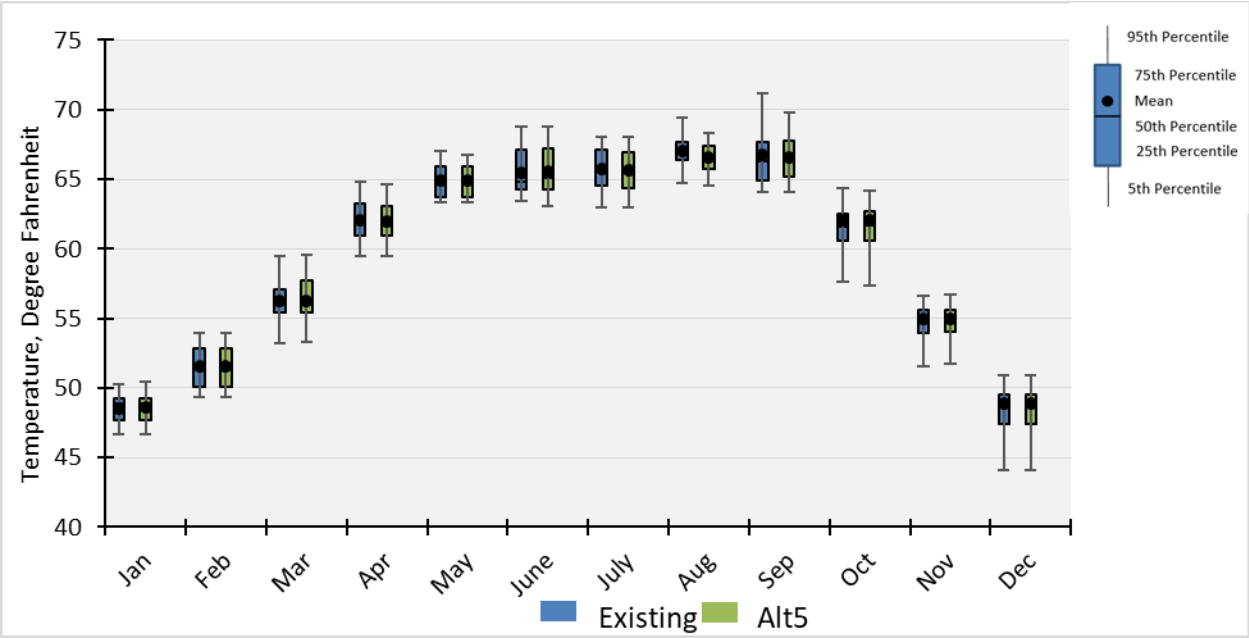
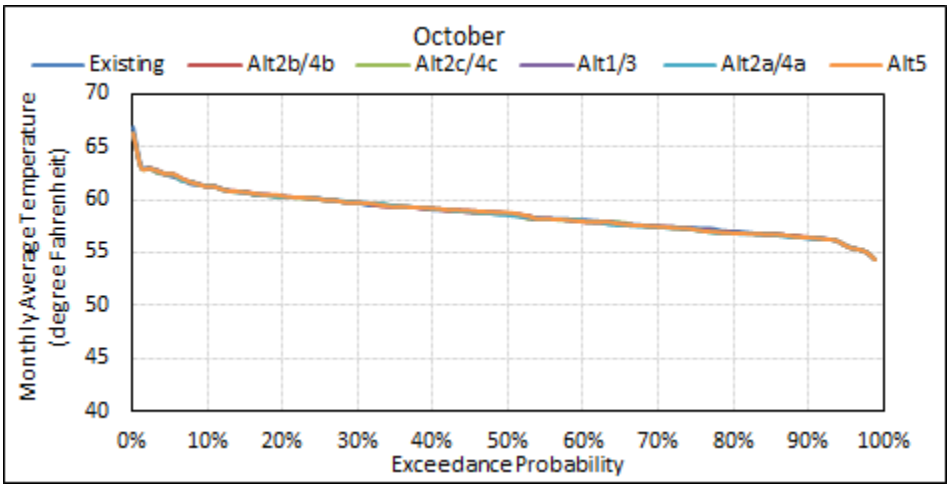
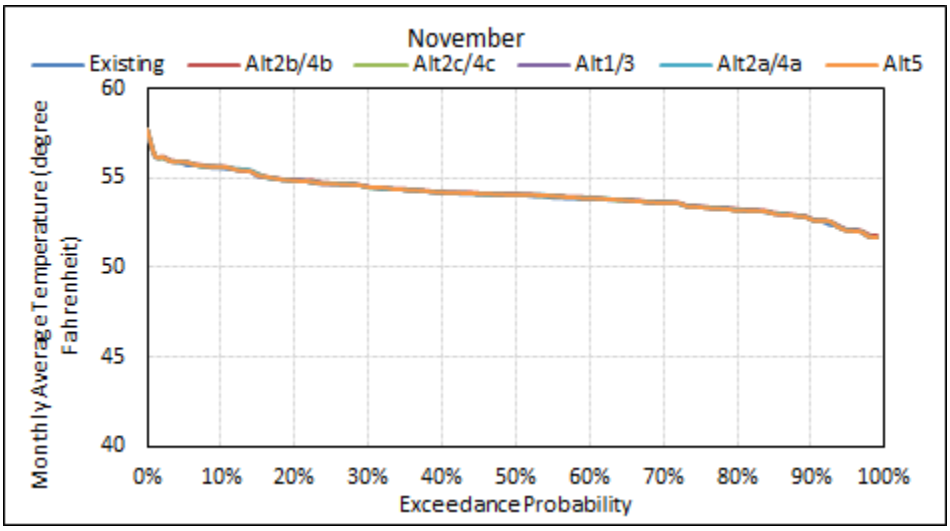


Figure 5A-D1.24.37-A. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





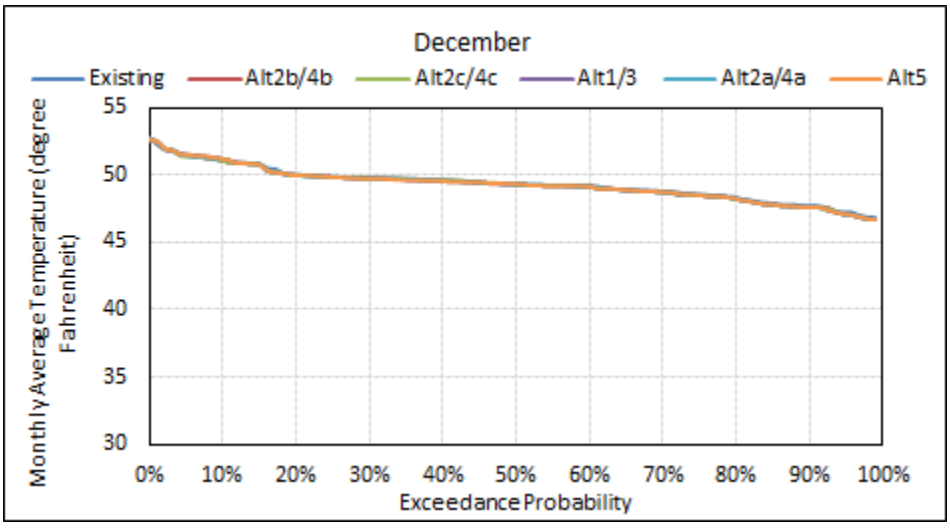
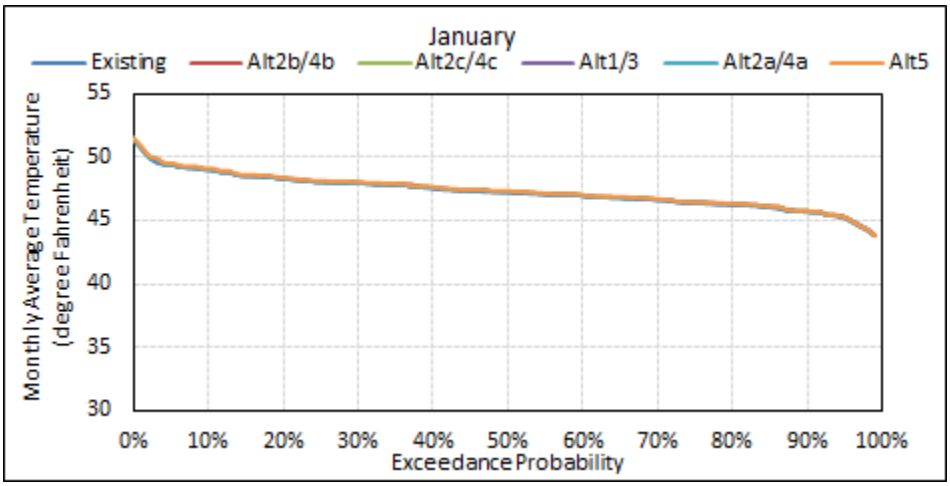
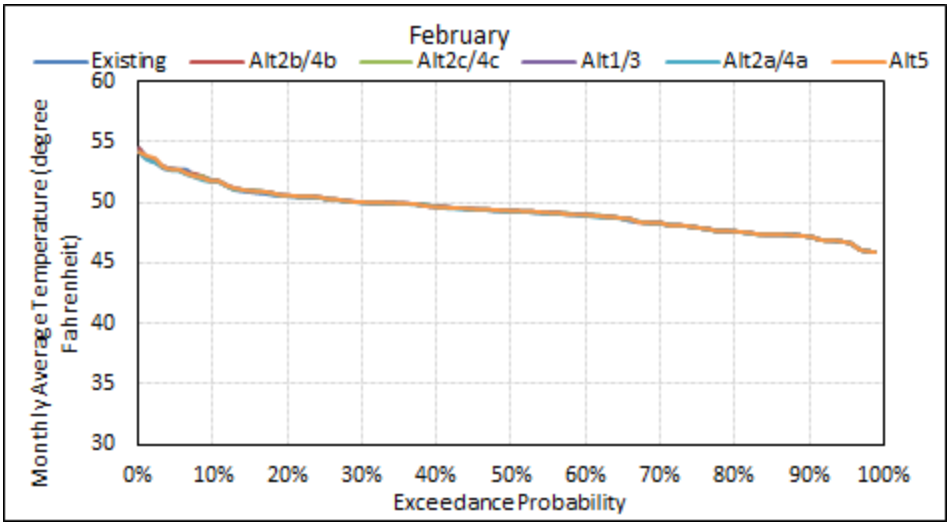


Figure 5A-D1.24.37-B. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





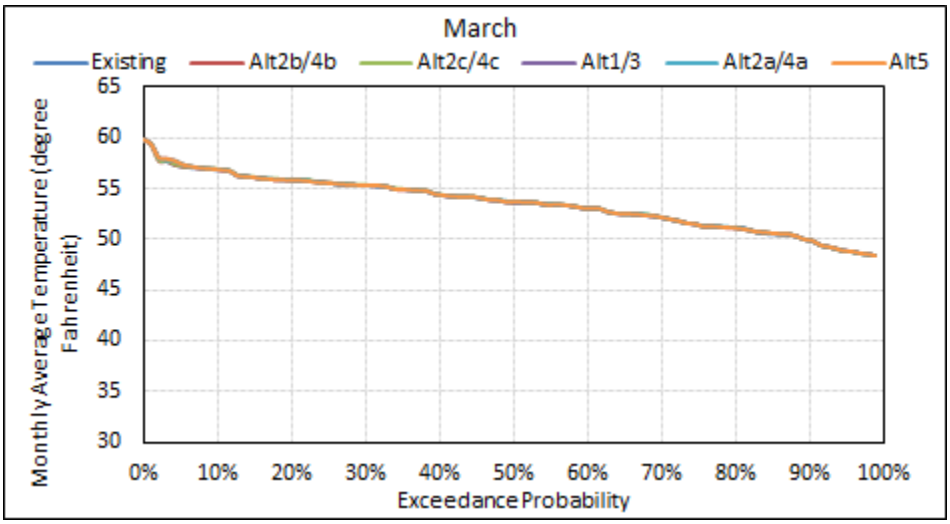
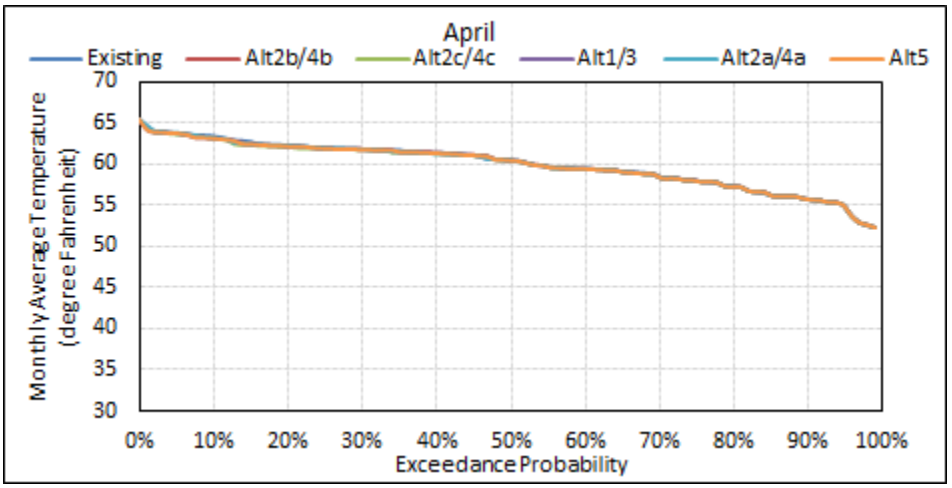
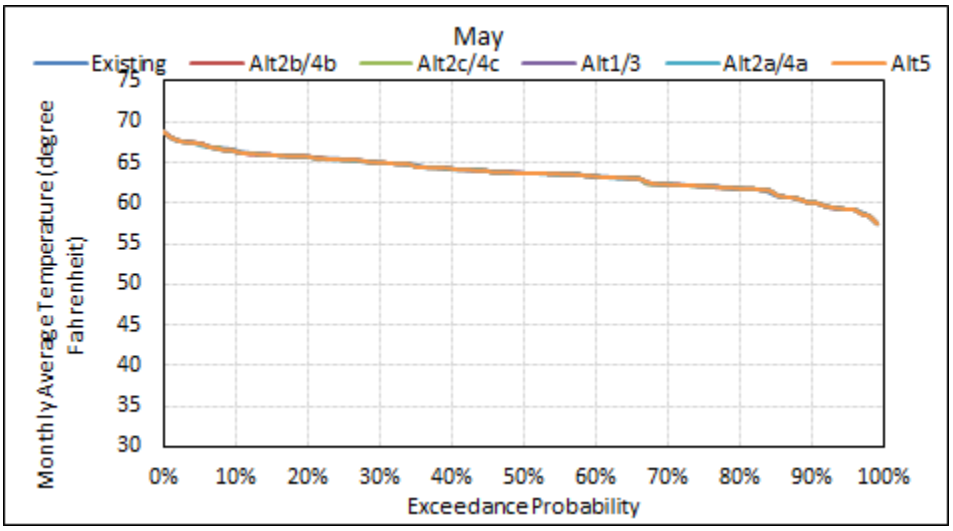


Figure 5A-D1.24.37-C. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





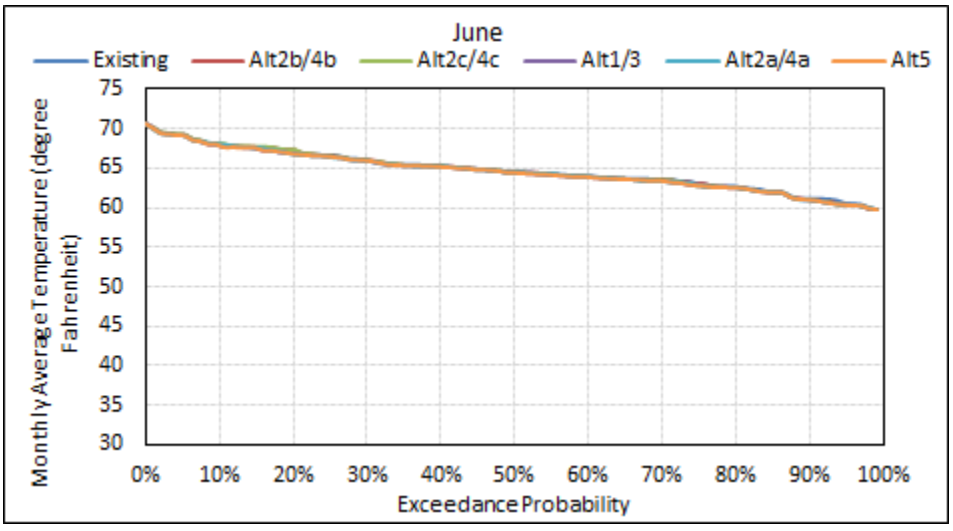
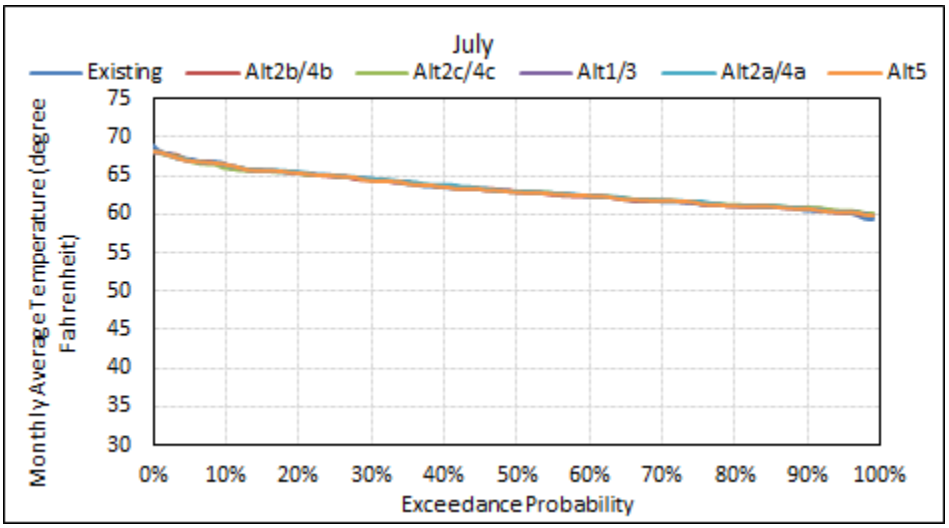
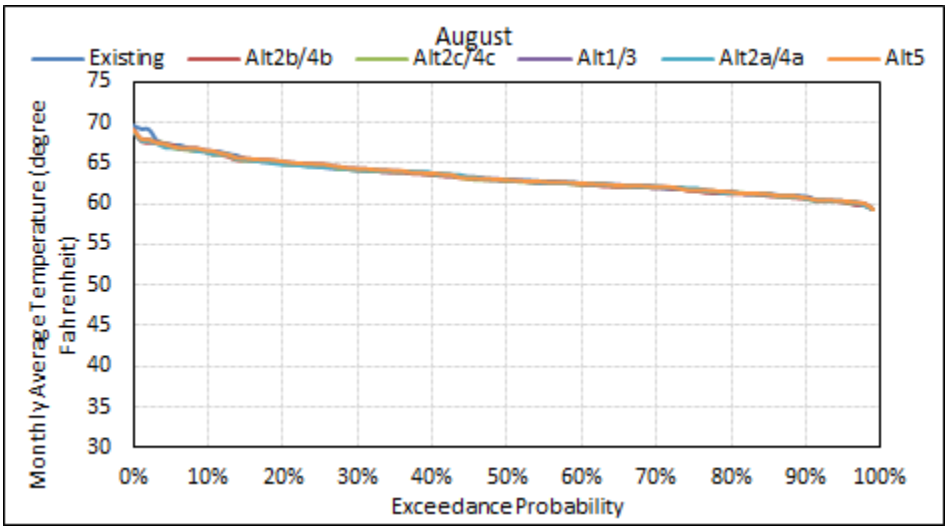


Figure 5A-D1.24.37-D. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





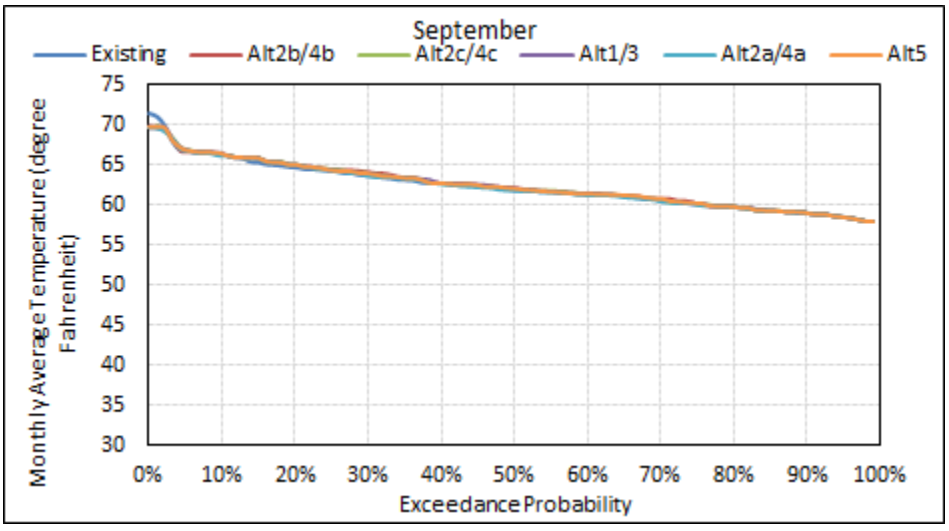


Figure 5A-D1.24.38. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

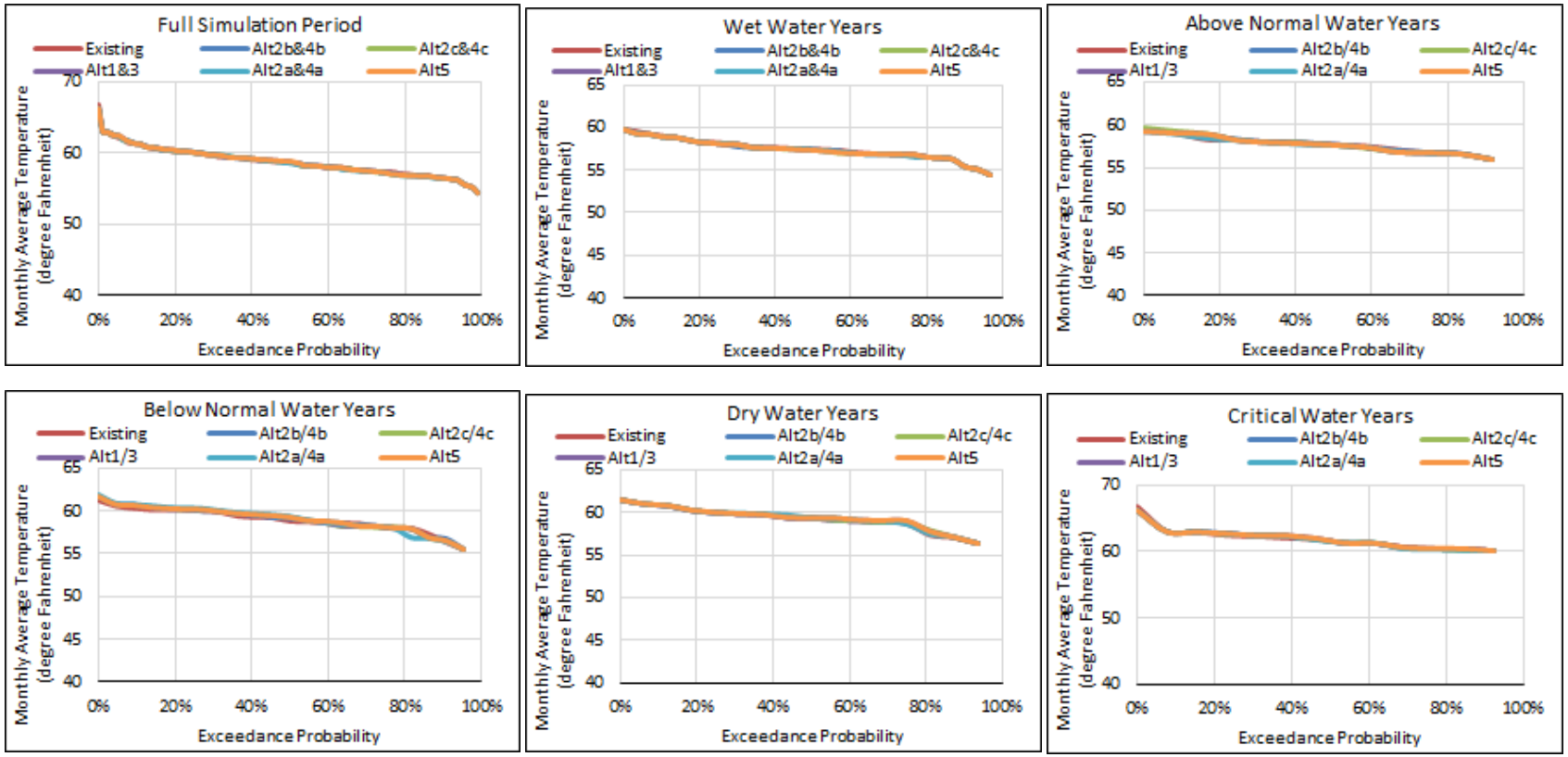


Figure 5A-D1.24.39. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

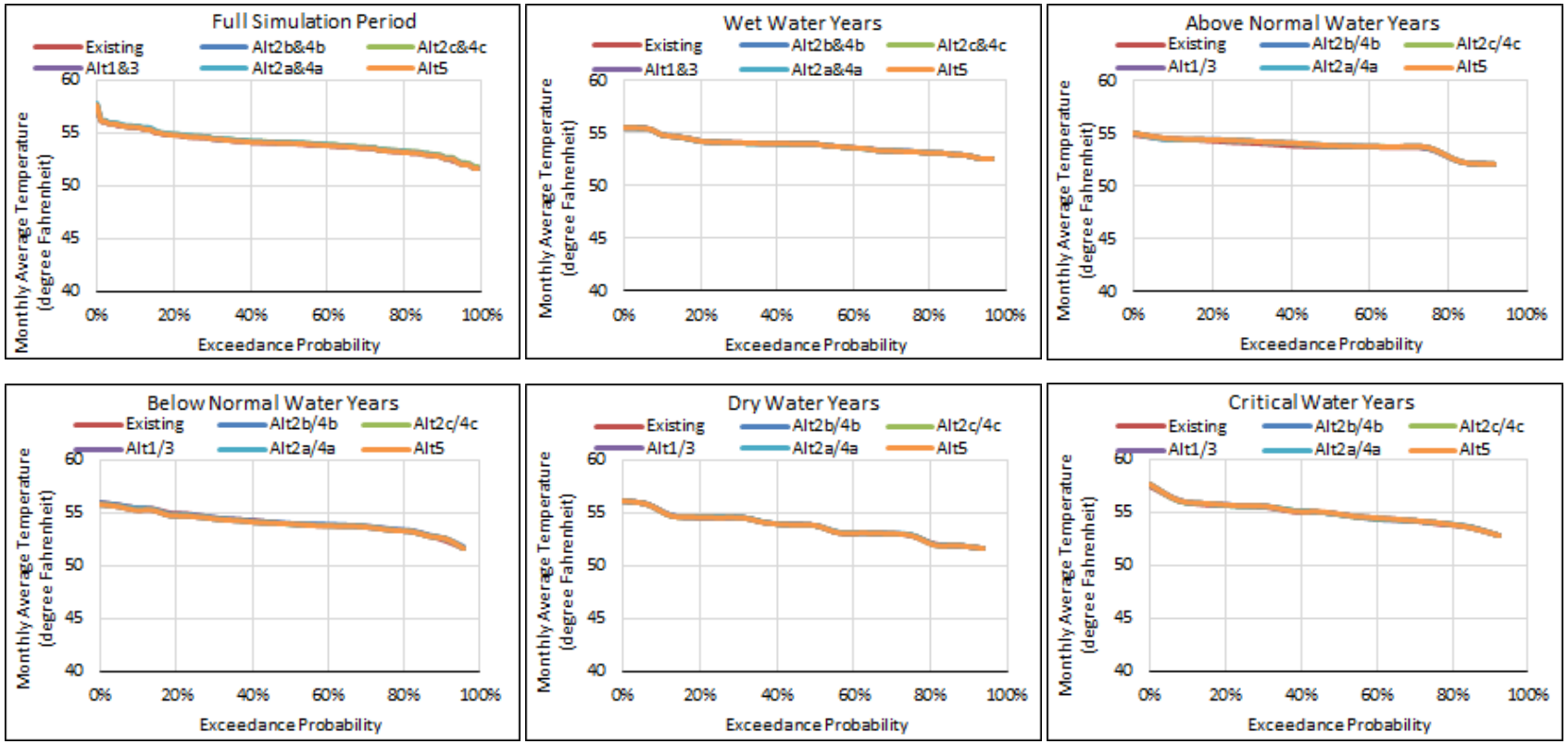


Figure 5A-D1.24.40. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

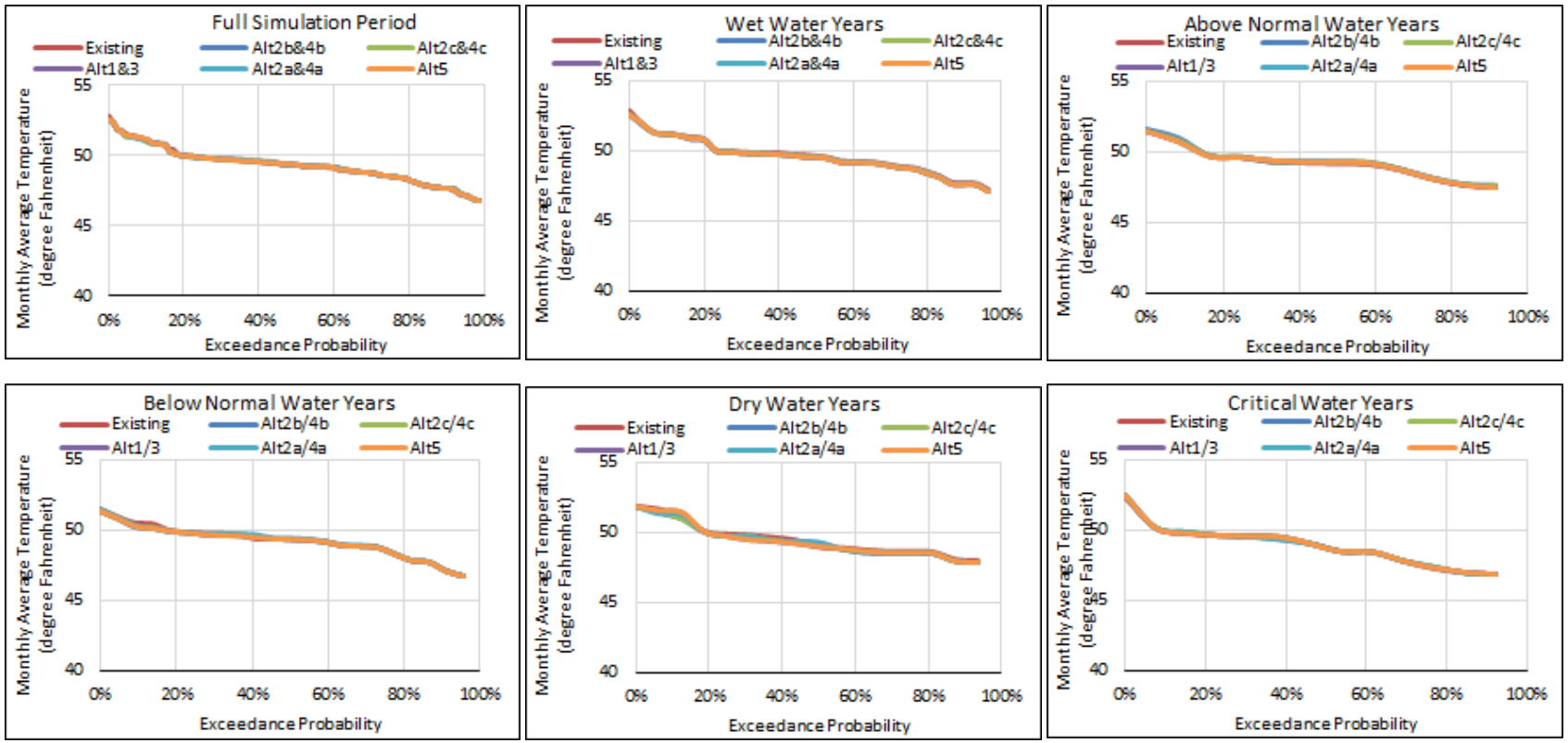


Figure 5A-D1.24.41. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

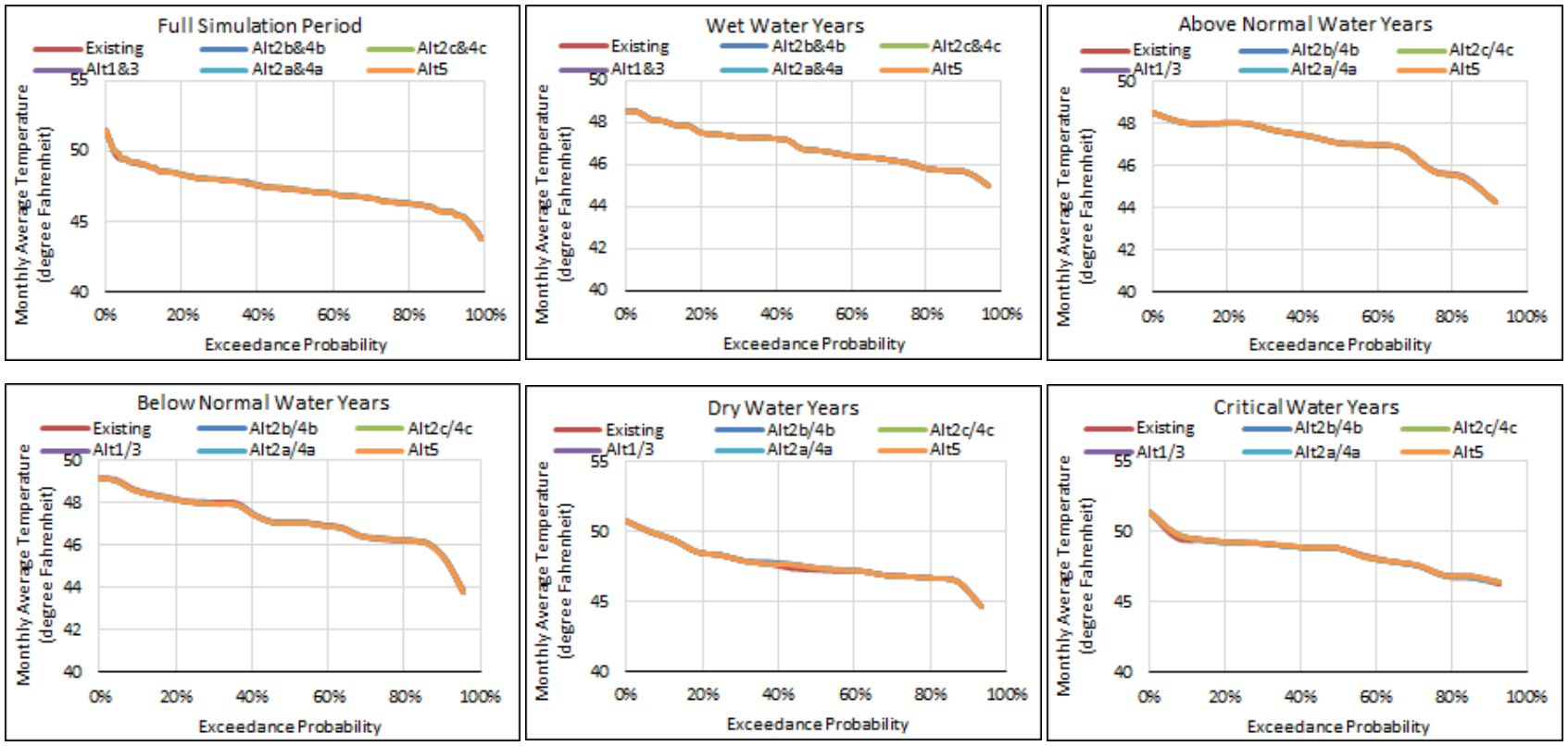


Figure 5A-D1.24.42. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

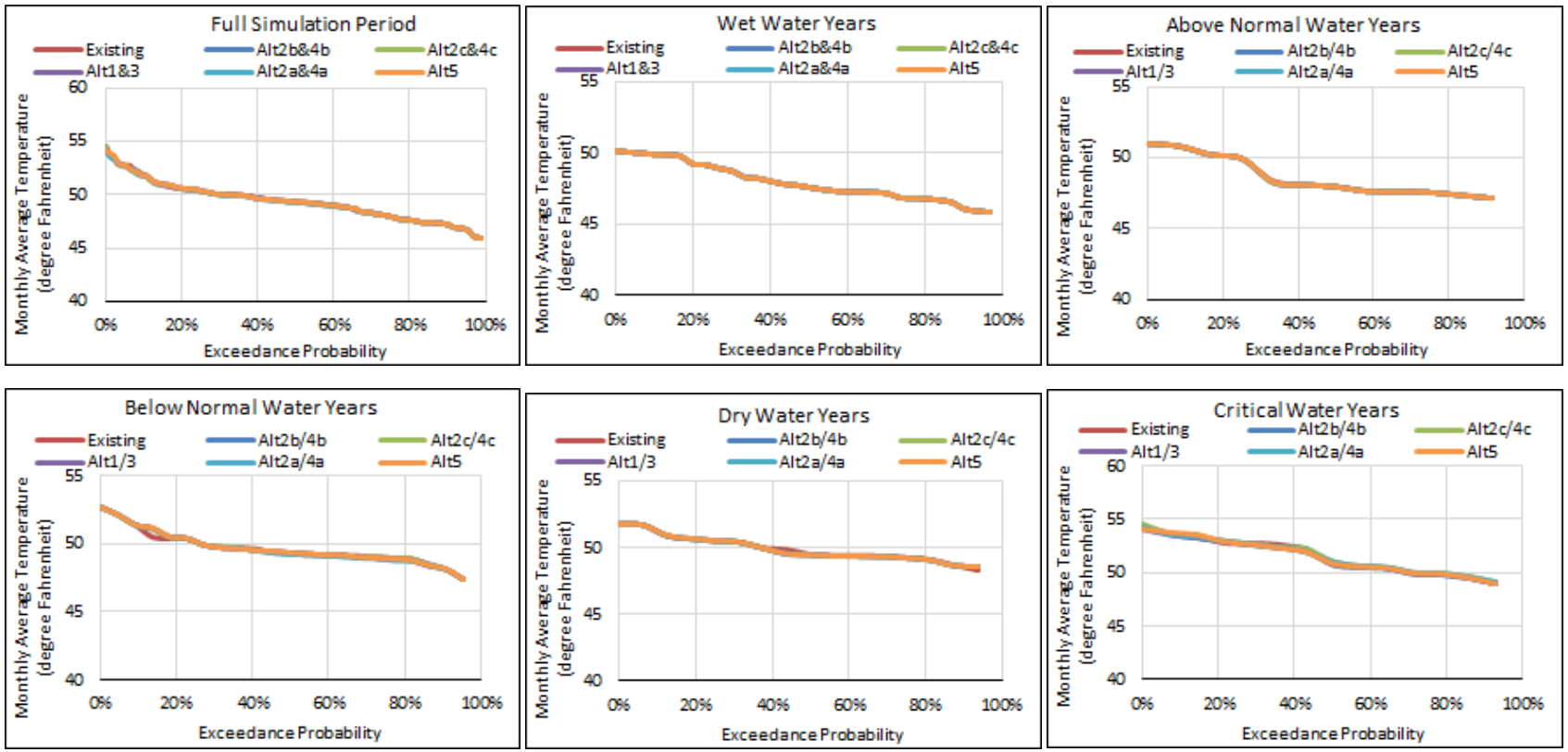


Figure 5A-D1.24.43. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

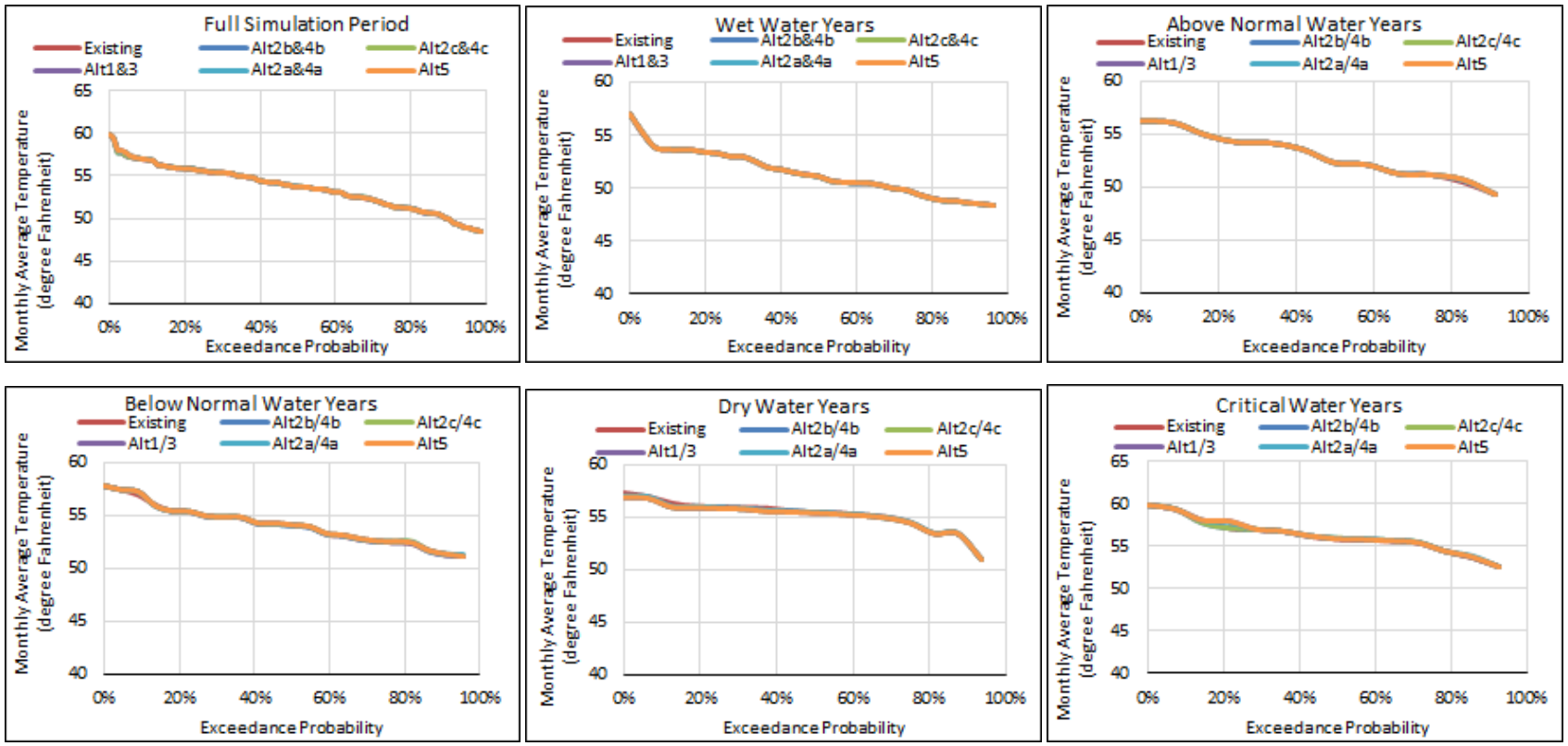


Figure 5A-D1.24.44. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

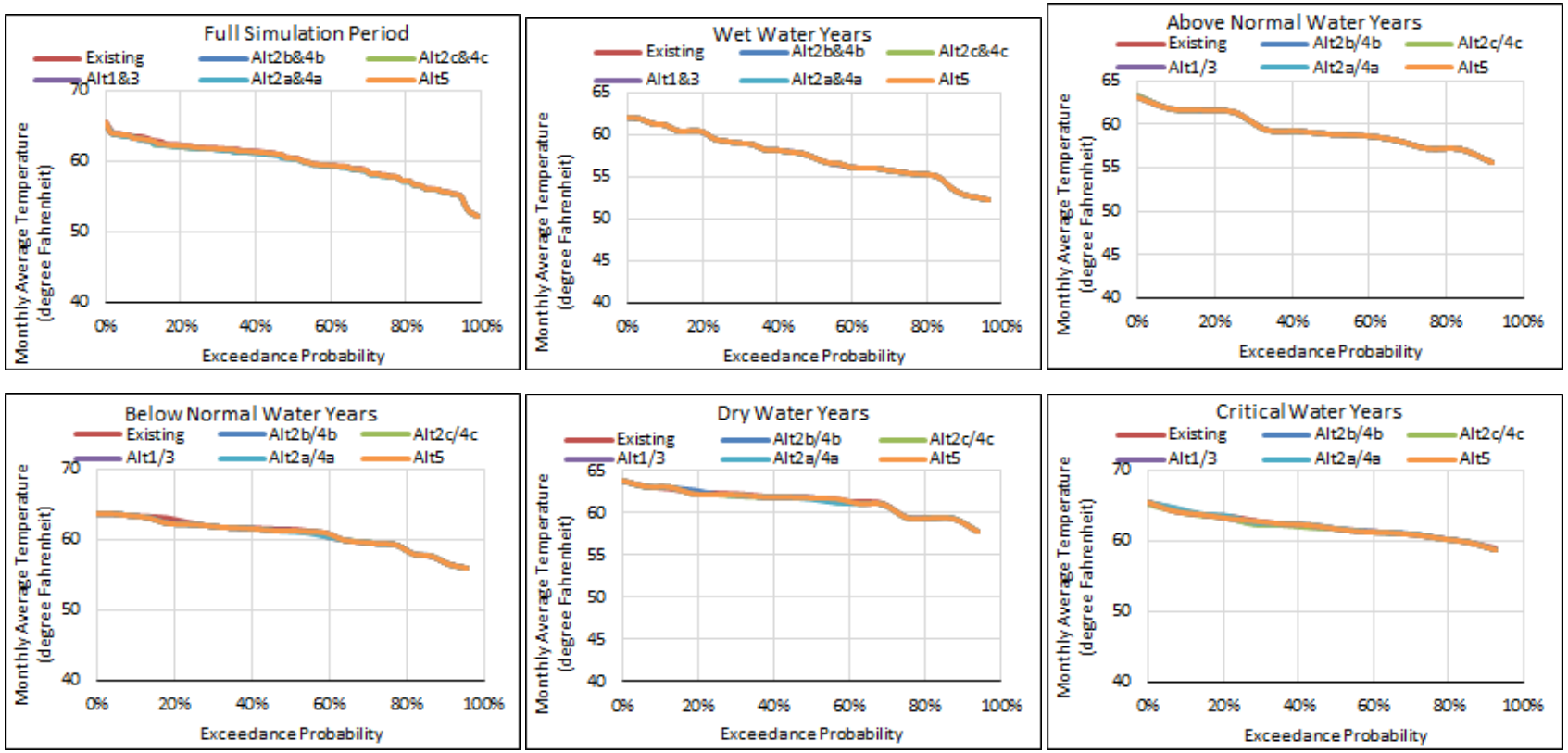


Figure 5A-D1.24.45. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

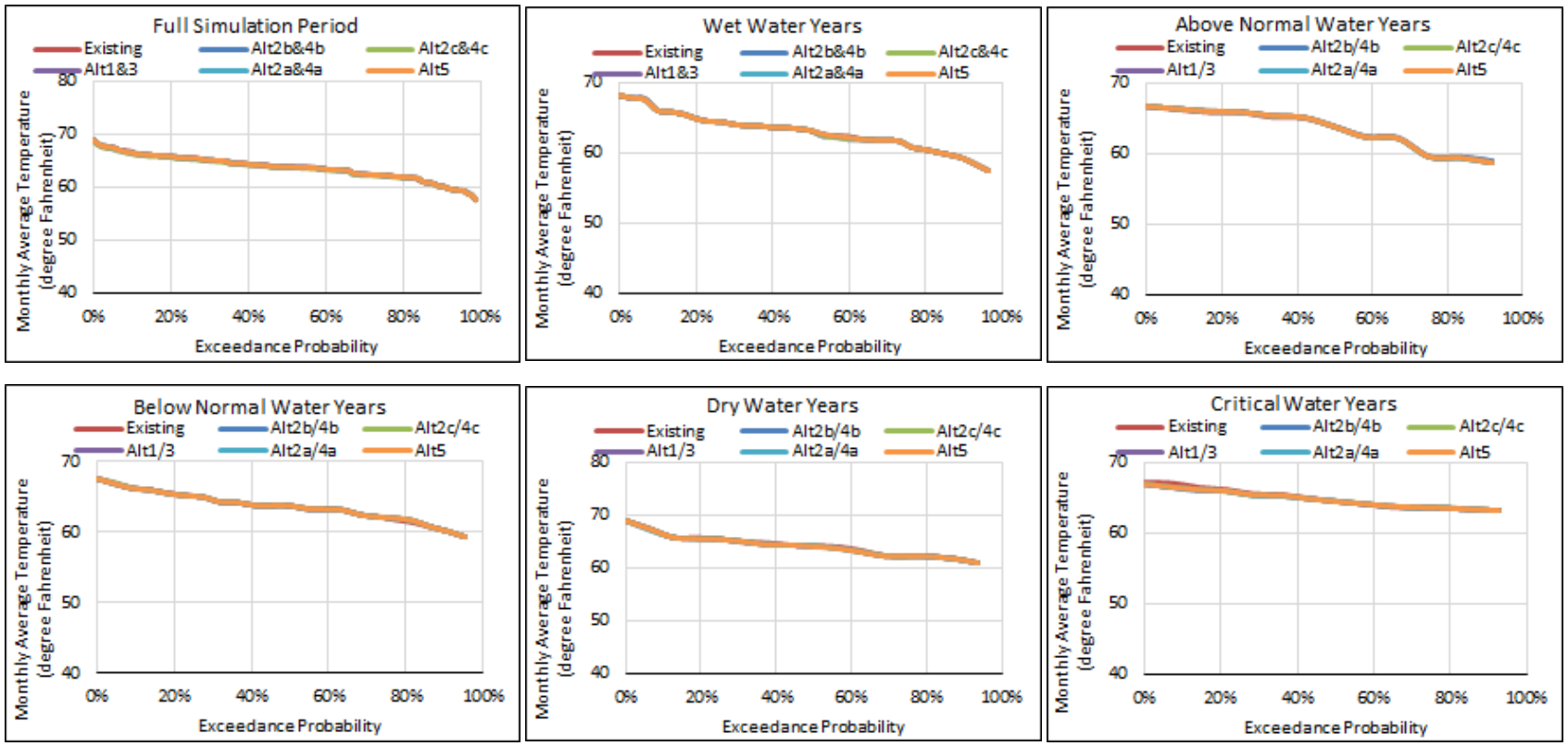


Figure 5A-D1.24.46. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

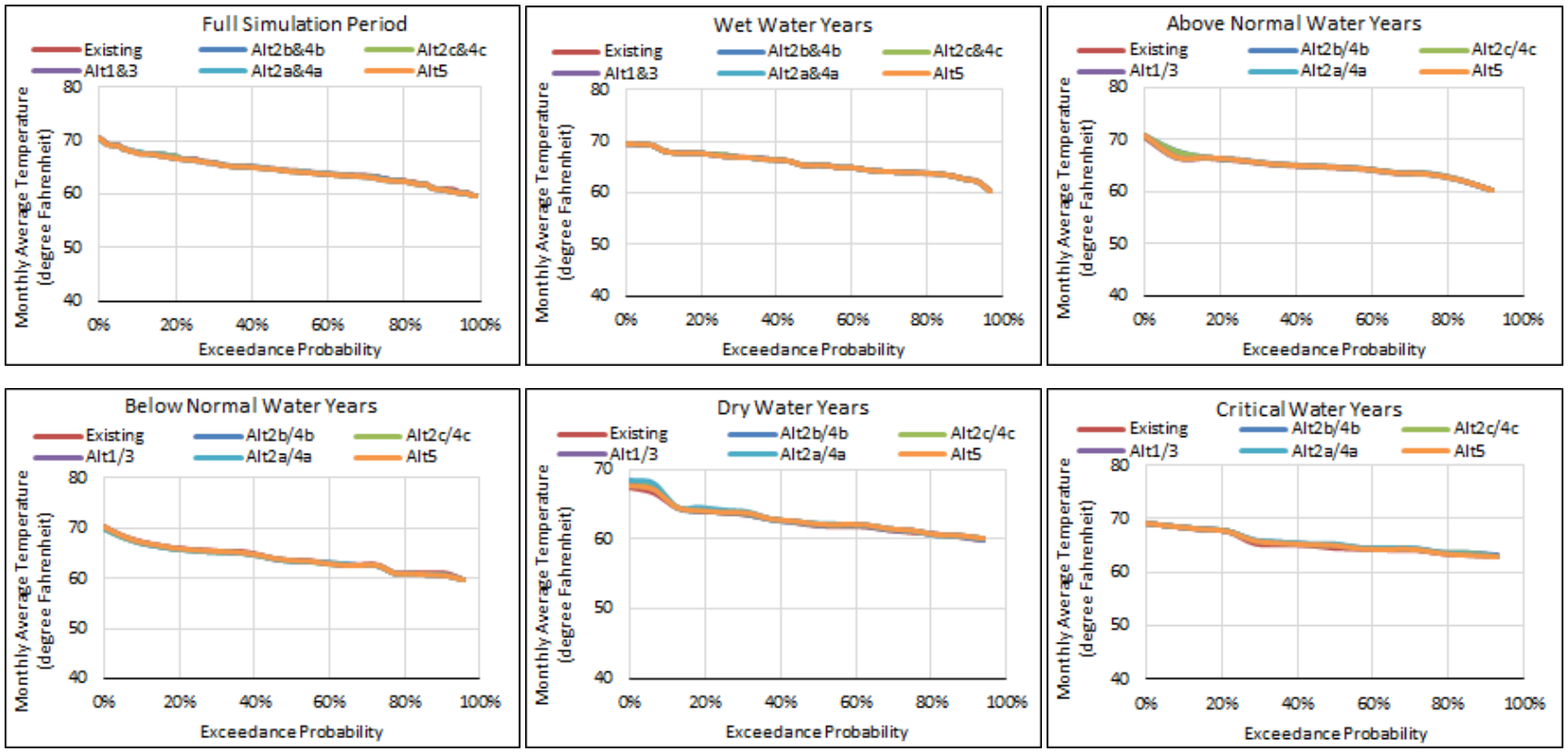


Figure 5A-D1.24.47. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

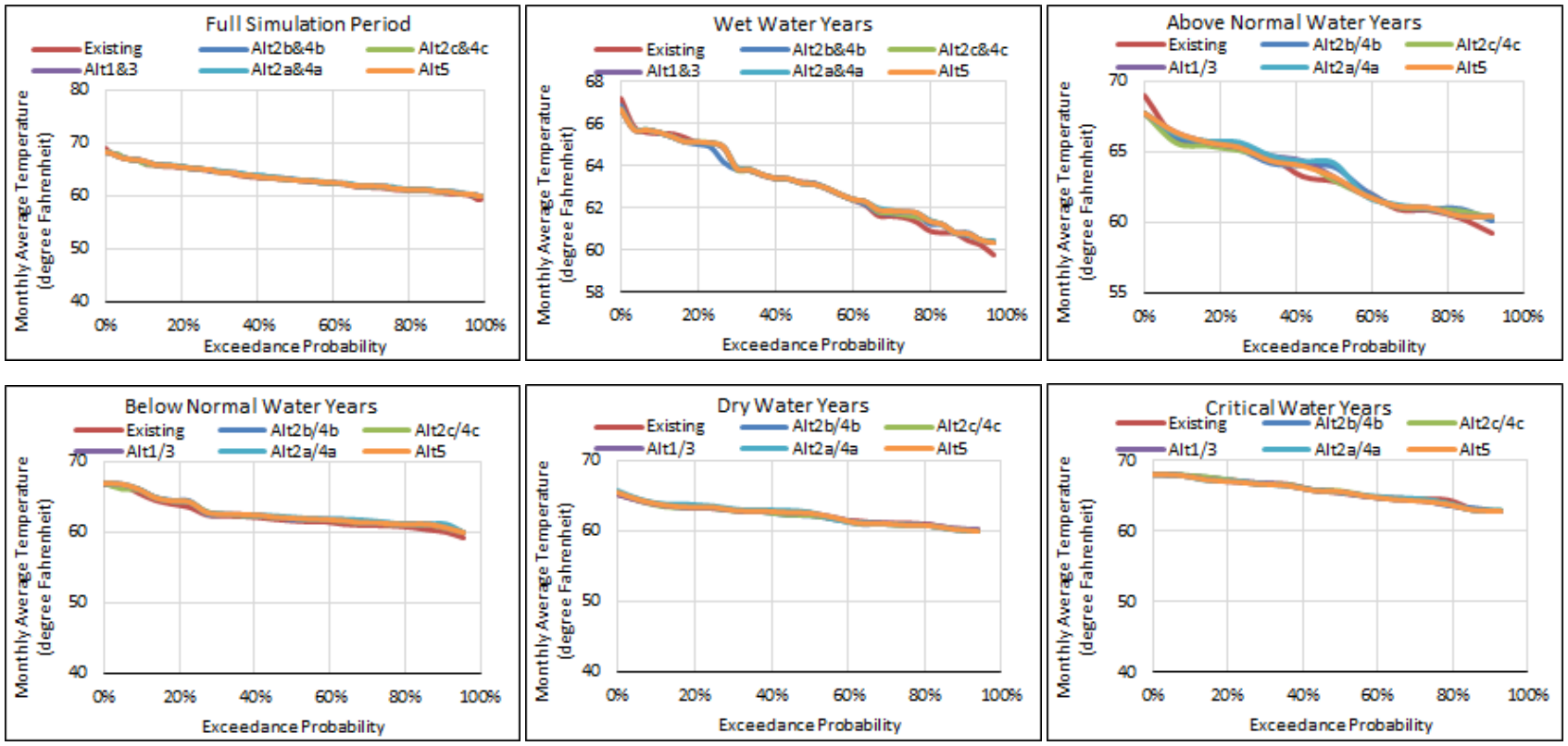


Figure 5A-D1.24.48. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

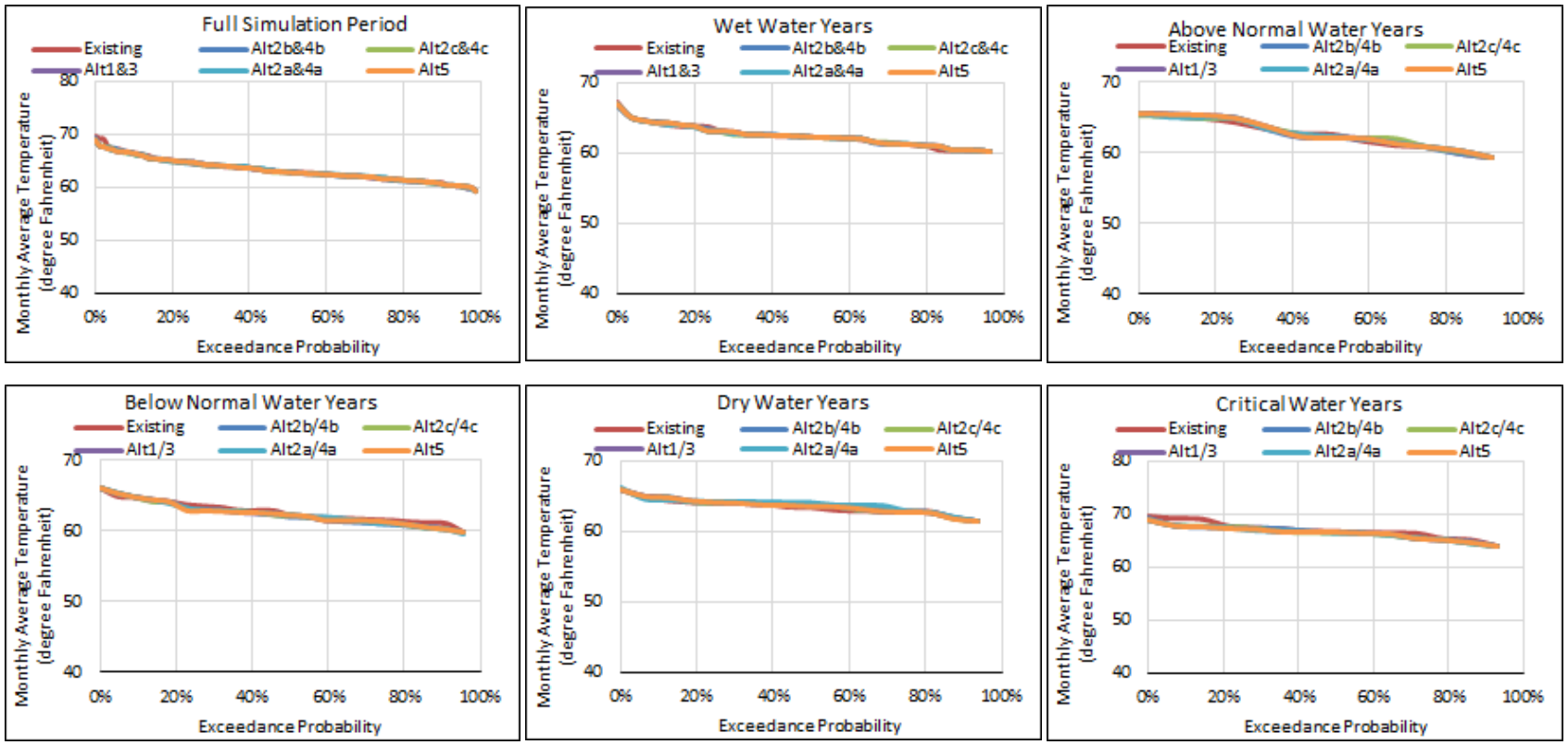
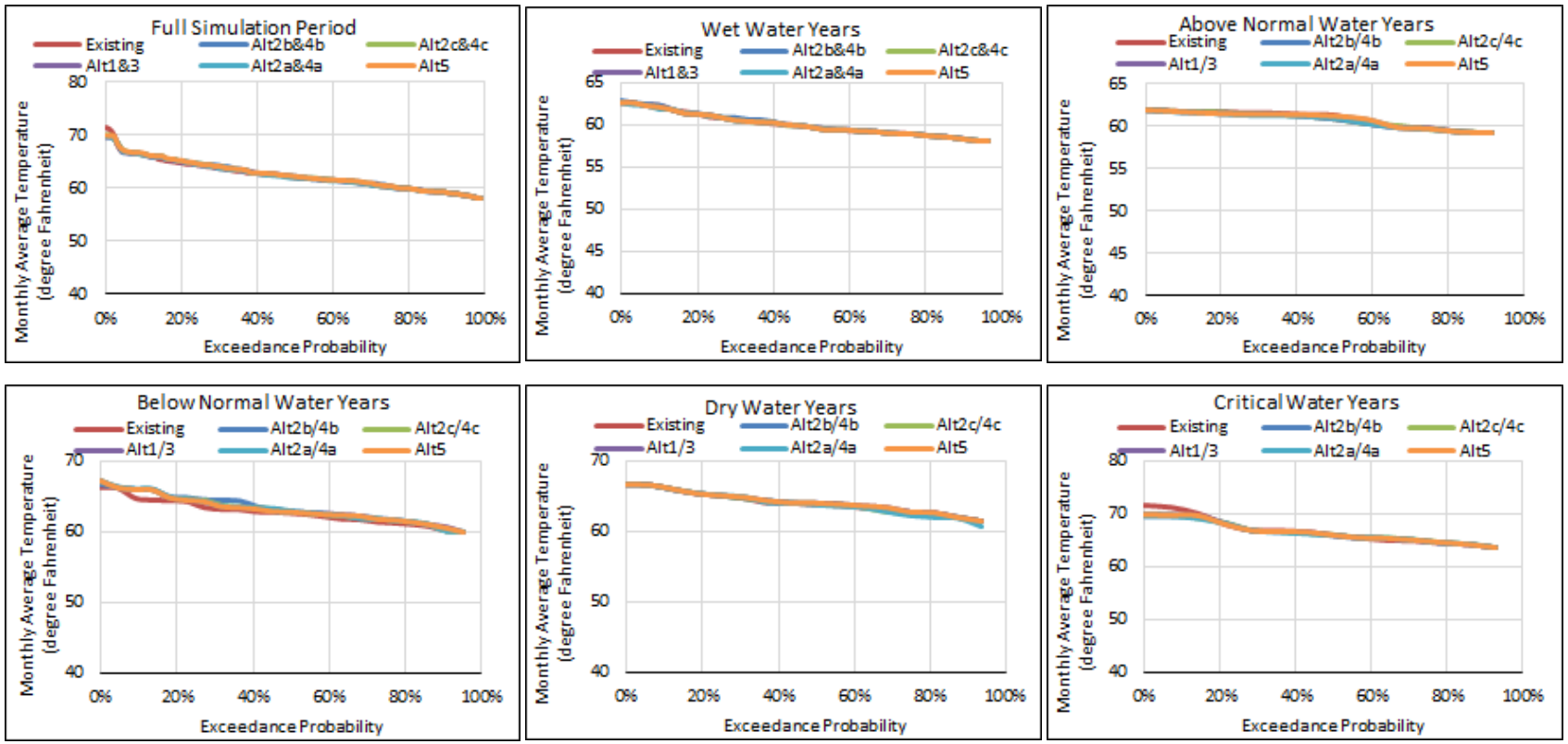


Figure 5A-D1.24.49. Sacramento River at Stony Creek, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.25 Sacramento River at TCID

Table 5A-D1.25.1-A. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.5	55.1	51.0	48.6	50.8	55.4	61.2	63.7	64.6	62.8	63.0	63.4
20%	58.7	54.4	50.1	48.1	49.8	54.5	60.3	63.1	63.4	61.9	61.4	62.2
30%	58.2	54.1	49.8	47.8	49.4	54.0	59.9	62.3	62.8	61.3	61.1	61.2
40%	57.5	53.9	49.6	47.5	49.0	53.3	59.5	61.9	62.2	60.4	60.5	60.0
50%	57.0	53.7	49.4	47.2	48.7	52.7	58.7	61.3	61.7	60.0	59.9	59.6
60%	56.5	53.5	49.2	46.9	48.6	52.3	57.8	61.0	61.1	59.5	59.5	59.0
70%	56.1	53.1	48.7	46.6	47.8	51.4	57.1	60.4	60.5	58.8	59.1	58.3
80%	55.8	52.9	48.4	46.2	47.4	50.5	56.0	59.8	59.5	58.4	58.7	57.6
90%	55.2	52.4	47.6	45.8	46.8	49.5	54.9	58.6	58.5	57.9	58.3	57.0

Table 5A-D1.25.1-B. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.3	53.7	49.3	47.2	48.7	52.6	58.3	61.3	61.7	60.2	60.3	60.0
Wet Water Years	56.0	53.5	49.7	46.8	47.6	50.7	56.2	61.0	62.6	60.1	59.5	57.8
Above Normal Water Years	56.2	53.4	49.2	47.0	48.2	52.1	57.9	61.1	62.0	60.2	59.5	58.3
Below Normal Water Years	57.6	53.7	49.3	47.0	49.0	53.0	59.2	61.0	61.0	59.4	59.7	60.2
Dry Water Years	57.6	53.3	49.4	47.5	49.3	53.9	59.5	61.6	59.8	59.4	60.4	61.3
Critical Water Years	60.6	54.5	48.8	48.2	50.6	54.8	60.0	62.2	62.6	62.4	63.9	64.4

Table 5A-D1.25.1-C. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.4	55.1	51.0	48.6	50.8	55.4	61.1	63.6	64.8	62.5	62.9	63.5
20%	58.9	54.4	50.1	48.1	49.8	54.4	60.2	63.0	63.5	61.9	61.7	62.4
30%	58.1	54.0	49.9	47.8	49.4	54.1	59.8	62.3	62.9	61.2	61.2	61.3
40%	57.7	53.9	49.6	47.5	48.9	53.3	59.3	61.9	62.2	60.6	60.5	60.1
50%	57.0	53.7	49.4	47.2	48.7	52.7	58.8	61.3	61.7	60.1	59.8	59.8
60%	56.5	53.5	49.2	46.9	48.5	52.3	57.8	60.9	61.1	59.5	59.5	59.0
70%	56.1	53.1	48.7	46.6	47.8	51.4	57.0	60.5	60.5	59.0	59.1	58.5
80%	55.7	52.9	48.4	46.3	47.4	50.5	56.0	59.8	59.6	58.5	58.5	57.7
90%	55.3	52.4	47.6	45.7	46.8	49.5	54.9	58.6	58.5	58.2	58.1	57.0

Table 5A-D1.25.1-D. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.3	53.7	49.3	47.2	48.7	52.6	58.2	61.3	61.7	60.2	60.2	60.1
Wet Water Years	55.9	53.5	49.6	46.8	47.6	50.7	56.2	60.9	62.6	60.1	59.5	57.9
Above Normal Water Years	56.2	53.4	49.2	47.0	48.2	52.1	57.9	61.1	62.0	60.3	59.6	58.4
Below Normal Water Years	57.6	53.7	49.3	47.0	49.0	53.0	59.1	61.1	61.0	59.6	59.5	60.6
Dry Water Years	57.7	53.3	49.4	47.5	49.3	53.9	59.5	61.6	59.9	59.4	60.4	61.3
Critical Water Years	60.6	54.6	48.8	48.2	50.6	54.8	59.9	62.1	62.7	62.3	63.4	64.2

Table 5A-D1.25.1-E. Sacramento River at TCID, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.2	-0.2	-0.1	0.0
20%	0.2	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.1	0.0	0.3	0.2
30%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.2	0.1	0.1
40%	0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	0.0	0.1
50%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.1
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0

Table 5A-D1.25.1-F. Sacramento River at TCID, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	-0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.5	-0.3

Table 5A-D1.25.1-G. Sacramento River at TCID, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	-0.2%	-0.1%	0.3%	-0.4%	-0.1%	0.0%
20%	0.3%	0.1%	0.0%	-0.1%	0.2%	-0.2%	-0.2%	-0.1%	0.1%	0.0%	0.4%	0.2%
30%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.3%	0.2%	0.2%
40%	0.3%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.4%	-0.1%	0.2%
50%	-0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	-0.2%	0.2%
60%	-0.1%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.3%	-0.1%	0.3%
80%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.3%	0.0%
90%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%	-0.2%	0.0%

Table 5A-D1.25.1-H. Sacramento River at TCID, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	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	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.2%	-0.1%	-0.8%	-0.5%

Table 5A-D1.25.2-A. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.3	55.1	51.1	48.6	50.8	55.4	61.1	63.7	64.8	62.5	62.9	63.4
20%	58.8	54.4	50.1	48.1	49.8	54.4	60.2	63.0	63.5	61.9	61.7	62.3
30%	58.2	54.1	49.8	47.7	49.4	54.0	59.8	62.3	62.9	61.3	61.1	61.3
40%	57.8	53.9	49.6	47.5	48.9	53.3	59.3	61.9	62.2	60.6	60.5	60.1
50%	57.0	53.7	49.4	47.2	48.7	52.7	58.8	61.3	61.7	60.0	59.8	59.8
60%	56.5	53.5	49.2	46.9	48.6	52.3	57.8	60.9	61.1	59.4	59.5	59.0
70%	56.1	53.1	48.7	46.6	47.8	51.5	57.0	60.4	60.5	59.0	59.1	58.3
80%	55.6	52.9	48.4	46.3	47.4	50.4	56.0	59.8	59.6	58.5	58.7	57.7
90%	55.2	52.4	47.6	45.7	46.9	49.5	54.9	58.6	58.5	58.1	58.1	57.0

Table 5A-D1.25.2-B. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.3	53.7	49.3	47.2	48.7	52.6	58.2	61.3	61.7	60.2	60.2	60.1
Wet Water Years	55.9	53.5	49.6	46.8	47.6	50.7	56.2	60.9	62.6	60.2	59.5	57.8
Above Normal Water Years	56.2	53.4	49.2	47.0	48.2	52.1	57.9	61.1	62.0	60.3	59.7	58.3
Below Normal Water Years	57.6	53.7	49.3	47.0	49.0	53.0	59.1	61.1	61.0	59.6	59.5	60.6
Dry Water Years	57.7	53.3	49.4	47.5	49.3	53.9	59.4	61.6	59.9	59.4	60.4	61.3
Critical Water Years	60.6	54.6	48.8	48.2	50.6	54.8	59.9	62.1	62.7	62.3	63.4	64.2

Table 5A-D1.25.2-C. Sacramento River at TCID, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.3	-0.1	0.0
20%	0.1	0.0	0.0	0.0	0.1	-0.1	-0.2	0.0	0.1	0.0	0.2	0.1
30%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1	0.0	0.1
40%	0.3	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.2	0.0	0.2
50%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0
80%	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0

Table 5A-D1.25.2-D. Sacramento River at TCID, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	-0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.5	-0.3

Table 5A-D1.25.2-E. Sacramento River at TCID, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2%	0.1%	0.1%	0.1%	-0.1%	0.1%	-0.2%	-0.1%	0.3%	-0.4%	-0.2%	0.0%
20%	0.2%	0.1%	0.1%	-0.1%	0.2%	-0.2%	-0.3%	-0.1%	0.2%	0.0%	0.4%	0.2%
30%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.2%	-0.1%	0.0%	0.1%
40%	0.5%	0.0%	0.0%	0.0%	-0.2%	0.0%	-0.2%	0.0%	-0.1%	0.3%	0.0%	0.3%
50%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%	0.2%
60%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	-0.1%	-0.1%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.0%	0.0%	0.3%	0.0%	0.1%
80%	-0.4%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%	-0.3%	0.0%

Table 5A-D1.25.2-F. Sacramento River at TCID, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%
Below Normal Water Years	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%
Critical Water Years	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.1%	-0.2%	-0.8%	-0.4%

Table 5A-D1.25.3-A. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.5	55.1	51.1	48.6	50.7	55.4	61.1	63.7	64.6	62.8	63.0	63.4
20%	58.9	54.4	50.1	48.1	49.8	54.4	60.3	63.0	63.4	61.9	61.7	62.3
30%	58.2	54.1	49.8	47.7	49.4	54.0	59.9	62.3	62.9	61.3	61.2	61.4
40%	57.7	53.9	49.5	47.5	48.9	53.3	59.4	61.9	62.2	60.6	60.5	60.2
50%	57.0	53.7	49.4	47.2	48.7	52.7	58.8	61.3	61.7	60.1	59.8	59.8
60%	56.5	53.5	49.2	46.9	48.6	52.3	57.8	61.0	61.1	59.5	59.5	59.0
70%	56.1	53.2	48.7	46.6	47.8	51.4	57.0	60.4	60.4	59.0	59.1	58.3
80%	55.6	52.9	48.4	46.3	47.4	50.4	56.0	59.8	59.5	58.5	58.6	57.7
90%	55.2	52.4	47.6	45.8	46.9	49.5	54.9	58.6	58.5	58.1	58.1	57.0

Table 5A-D1.25.3-B. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.3	53.7	49.3	47.2	48.7	52.6	58.2	61.3	61.7	60.3	60.3	60.1
Wet Water Years	55.9	53.5	49.6	46.8	47.6	50.7	56.2	61.0	62.6	60.2	59.5	57.8
Above Normal Water Years	56.2	53.4	49.2	47.0	48.2	52.1	57.9	61.1	62.0	60.3	59.6	58.3
Below Normal Water Years	57.6	53.7	49.3	47.0	49.0	53.0	59.1	61.1	61.0	59.6	59.5	60.6
Dry Water Years	57.7	53.3	49.4	47.5	49.2	53.9	59.5	61.6	59.9	59.4	60.4	61.3
Critical Water Years	60.7	54.6	48.8	48.2	50.6	54.8	59.9	62.2	62.7	62.3	63.4	64.3

Table 5A-D1.25.3-C. Sacramento River at TCID, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1
20%	0.2	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.0	0.0	0.3	0.1
30%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	-0.1	0.1	0.1
40%	0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.2	0.0	0.3
50%	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	0.0
80%	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	-0.1	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0

Table 5A-D1.25.3-D. Sacramento River at TCID, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.1	0.1	0.0	0.0	-0.1	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.25.3-E. Sacramento River at TCID, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	0.1%	0.1%	0.0%	-0.2%	0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%
20%	0.3%	0.1%	0.0%	-0.1%	0.2%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.5%	0.1%
30%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.2%	-0.1%	0.2%	0.2%
40%	0.3%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.1%	0.5%
50%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.2%	0.2%
60%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.3%	0.0%	0.0%
80%	-0.3%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.1%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%	-0.3%	0.0%

Table 5A-D1.25.3-F. Sacramento River at TCID, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%
Below Normal Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.2%	0.7%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.7%	-0.3%

Table 5A-D1.25.4-A. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.3	55.1	51.1	48.6	50.7	55.4	61.2	63.7	64.7	62.7	62.9	63.4
20%	58.9	54.4	50.1	48.1	49.8	54.4	60.2	63.0	63.5	62.0	61.5	62.3
30%	58.1	54.1	49.8	47.7	49.4	54.0	59.8	62.3	62.9	61.3	61.1	61.3
40%	57.8	53.9	49.6	47.5	48.9	53.3	59.2	61.9	62.2	60.7	60.6	60.0
50%	56.9	53.7	49.4	47.2	48.7	52.7	58.7	61.3	61.7	60.1	59.8	59.5
60%	56.5	53.5	49.2	46.9	48.5	52.3	57.8	60.9	61.2	59.6	59.5	58.9
70%	56.0	53.2	48.7	46.6	47.8	51.5	57.0	60.4	60.4	59.1	59.1	58.2
80%	55.6	52.9	48.4	46.3	47.4	50.5	56.0	59.8	59.6	58.5	58.5	57.6
90%	55.2	52.4	47.6	45.7	46.8	49.5	54.9	58.6	58.5	58.2	58.1	57.0

Table 5A-D1.25.4-B. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.3	53.7	49.3	47.2	48.7	52.6	58.2	61.3	61.7	60.3	60.2	60.0
Wet Water Years	55.9	53.5	49.6	46.8	47.6	50.7	56.2	61.0	62.6	60.2	59.5	57.8
Above Normal Water Years	56.1	53.4	49.2	47.0	48.2	52.1	57.9	61.1	62.0	60.4	59.6	58.2
Below Normal Water Years	57.5	53.7	49.3	47.0	49.0	53.0	59.1	61.1	61.0	59.7	59.5	60.5
Dry Water Years	57.7	53.3	49.4	47.5	49.2	53.9	59.4	61.5	60.0	59.5	60.5	61.1
Critical Water Years	60.6	54.6	48.8	48.2	50.6	54.8	60.0	62.2	62.7	62.3	63.3	64.2

Table 5A-D1.25.4-C. Sacramento River at TCID, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	0.1	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0
20%	0.2	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.1	0.0	0.0	0.1
30%	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.0	0.1
40%	0.3	0.0	0.0	0.0	-0.1	0.0	-0.3	0.0	0.0	0.3	0.1	0.0
50%	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1
60%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	-0.1
70%	-0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1	0.3	0.0	-0.1
80%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	-0.1	0.0

Table 5A-D1.25.4-D. Sacramento River at TCID, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	0.1	0.2	-0.2
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.1	0.0	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.25.4-E. Sacramento River at TCID, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2%	0.1%	0.1%	0.0%	-0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%
20%	0.3%	0.1%	0.0%	-0.1%	0.2%	-0.2%	-0.1%	-0.1%	0.2%	0.0%	0.0%	0.1%
30%	-0.1%	0.1%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.2%
40%	0.5%	0.0%	0.0%	0.1%	-0.2%	0.0%	-0.5%	0.0%	0.0%	0.5%	0.2%	0.1%
50%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.2%	-0.2%
60%	-0.1%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.1%	0.2%	-0.1%	-0.2%
70%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%	0.0%	-0.1%	0.4%	0.0%	-0.1%
80%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	-0.3%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.4%	-0.2%	0.0%

Table 5A-D1.25.4-F. Sacramento River at TCID, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.2%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	-0.2%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	-0.3%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.3%	0.2%	0.3%	-0.3%
Critical Water Years	0.0%	0.1%	0.1%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-0.9%	-0.4%

Table 5A-D1.25.5-A. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.5	55.1	51.1	48.6	50.7	55.4	61.1	63.7	64.6	62.8	63.0	63.4
20%	58.9	54.4	50.1	48.1	49.8	54.4	60.3	63.0	63.4	61.9	61.7	62.3
30%	58.2	54.1	49.8	47.7	49.4	54.0	59.9	62.3	62.9	61.1	61.2	61.4
40%	57.7	53.9	49.5	47.5	48.9	53.3	59.4	61.9	62.2	60.6	60.5	60.2
50%	57.1	53.7	49.4	47.2	48.7	52.7	58.8	61.3	61.7	60.1	59.8	59.8
60%	56.5	53.5	49.2	46.9	48.6	52.3	57.8	60.9	61.1	59.5	59.5	59.0
70%	56.1	53.2	48.7	46.6	47.8	51.4	57.0	60.4	60.4	59.0	59.1	58.5
80%	55.6	52.9	48.4	46.3	47.4	50.4	56.0	59.8	59.5	58.5	58.6	57.8
90%	55.2	52.4	47.6	45.8	46.8	49.5	54.9	58.6	58.5	58.1	58.1	57.0

Table 5A-D1.25.5-B. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.3	53.7	49.3	47.2	48.7	52.6	58.2	61.3	61.7	60.3	60.3	60.1
Wet Water Years	55.9	53.5	49.6	46.8	47.6	50.7	56.2	61.0	62.6	60.2	59.5	57.8
Above Normal Water Years	56.2	53.4	49.2	47.0	48.2	52.1	57.9	61.1	62.0	60.3	59.6	58.4
Below Normal Water Years	57.6	53.7	49.3	47.0	49.0	53.0	59.1	61.1	61.0	59.6	59.5	60.6
Dry Water Years	57.7	53.3	49.4	47.5	49.2	53.9	59.5	61.6	59.9	59.4	60.4	61.3
Critical Water Years	60.7	54.6	48.8	48.2	50.6	54.8	59.9	62.2	62.7	62.3	63.4	64.3

Table 5A-D1.25.5-C. Sacramento River at TCID, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1
20%	0.2	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.0	0.0	0.3	0.1
30%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	-0.2	0.1	0.1
40%	0.2	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.2	0.0	0.2
50%	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	0.2
80%	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	-0.1	0.1
90%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.0

Table 5A-D1.25.5-D. Sacramento River at TCID, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.2	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.25.5-E. Sacramento River at TCID, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	0.1%	0.0%	-0.2%	0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%
20%	0.3%	0.0%	0.0%	-0.1%	0.2%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.5%	0.1%
30%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.2%	-0.3%	0.2%	0.2%
40%	0.3%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.1%	0.3%
50%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.2%	0.2%
60%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%
70%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.4%	0.0%	0.4%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.2%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%	-0.3%	0.0%

Table 5A-D1.25.5-F. Sacramento River at TCID, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%
Below Normal Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.7%	-0.3%

Figure 5A-D1.25.1. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

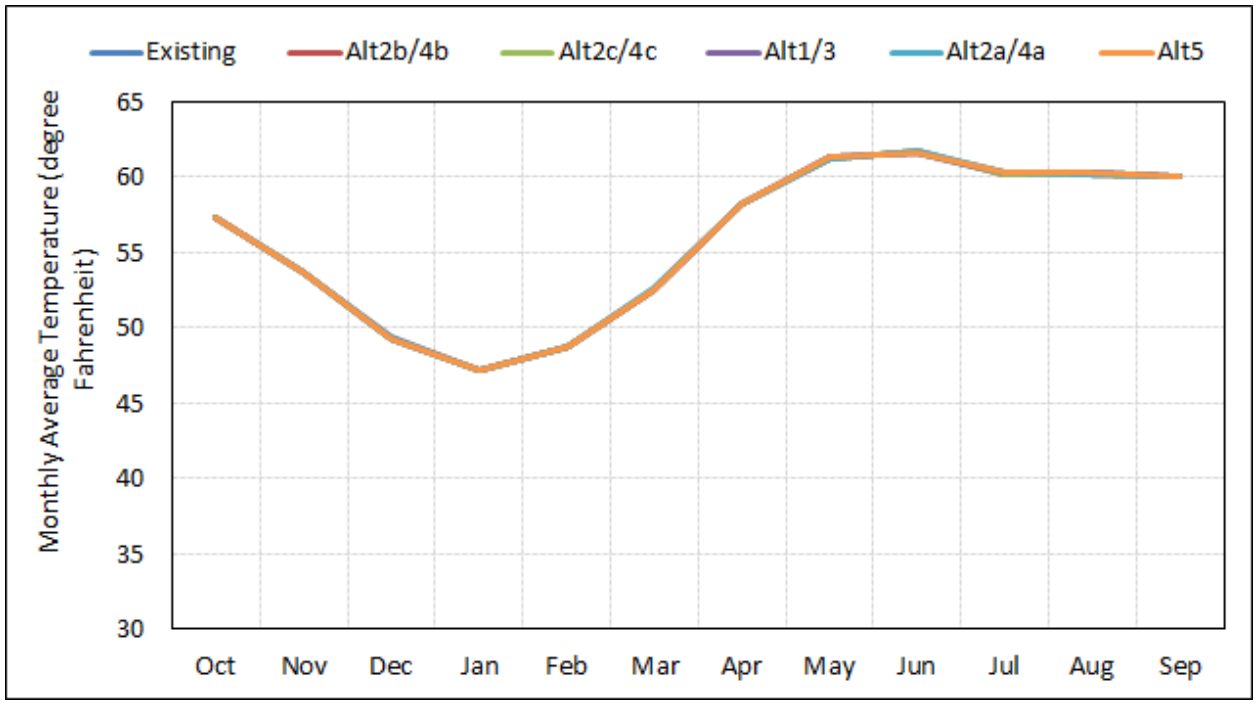


Figure 5A-D1.25.2. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

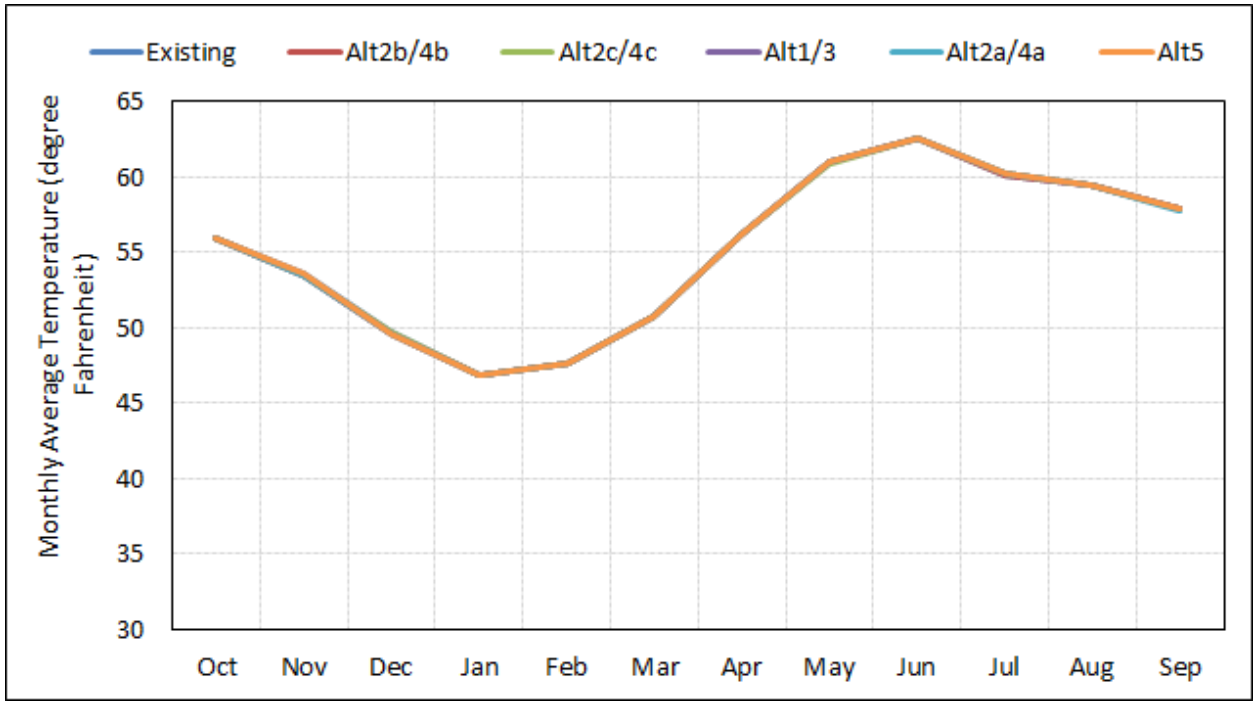


Figure 5A-D1.25.3. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

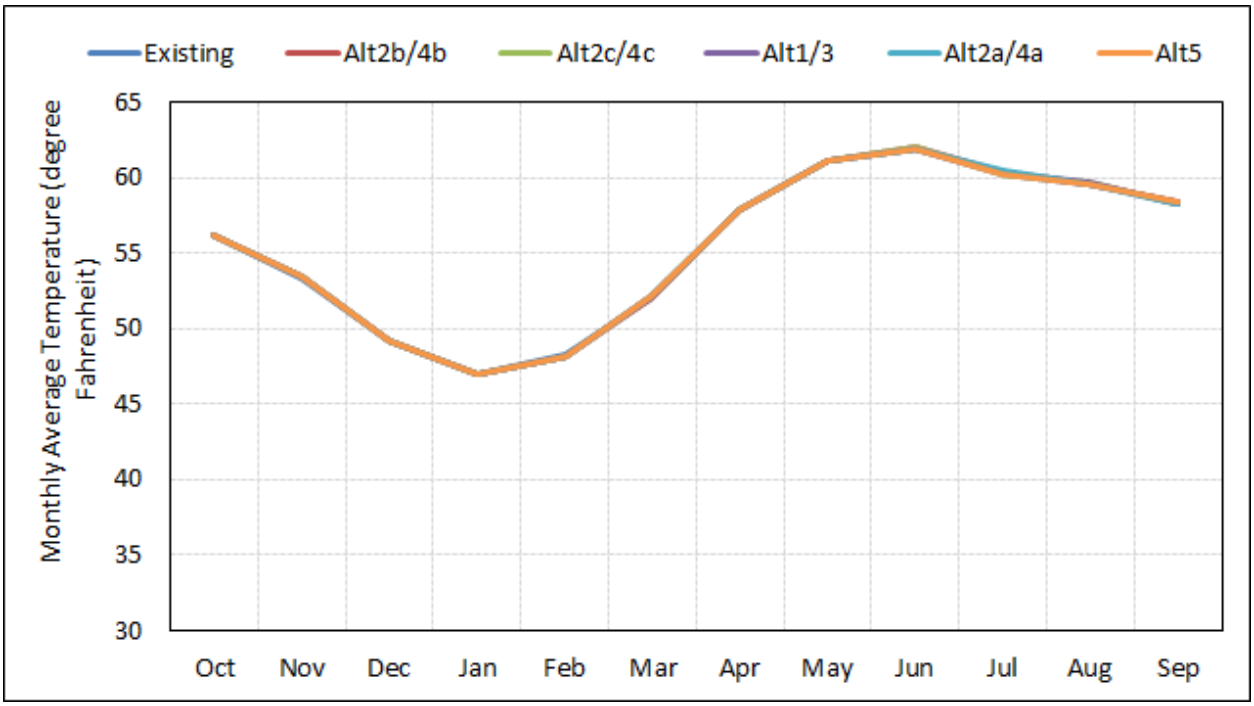


Figure 5A-D1.25.4. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

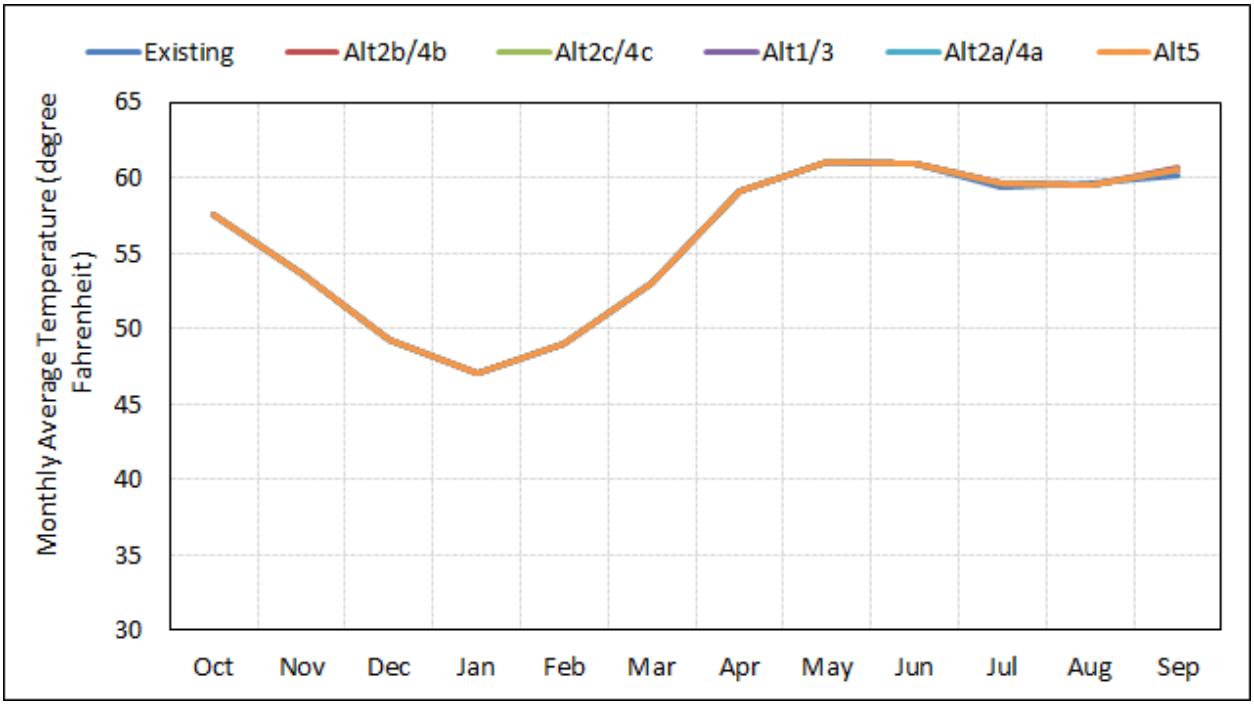


Figure 5A-D1.25.5. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

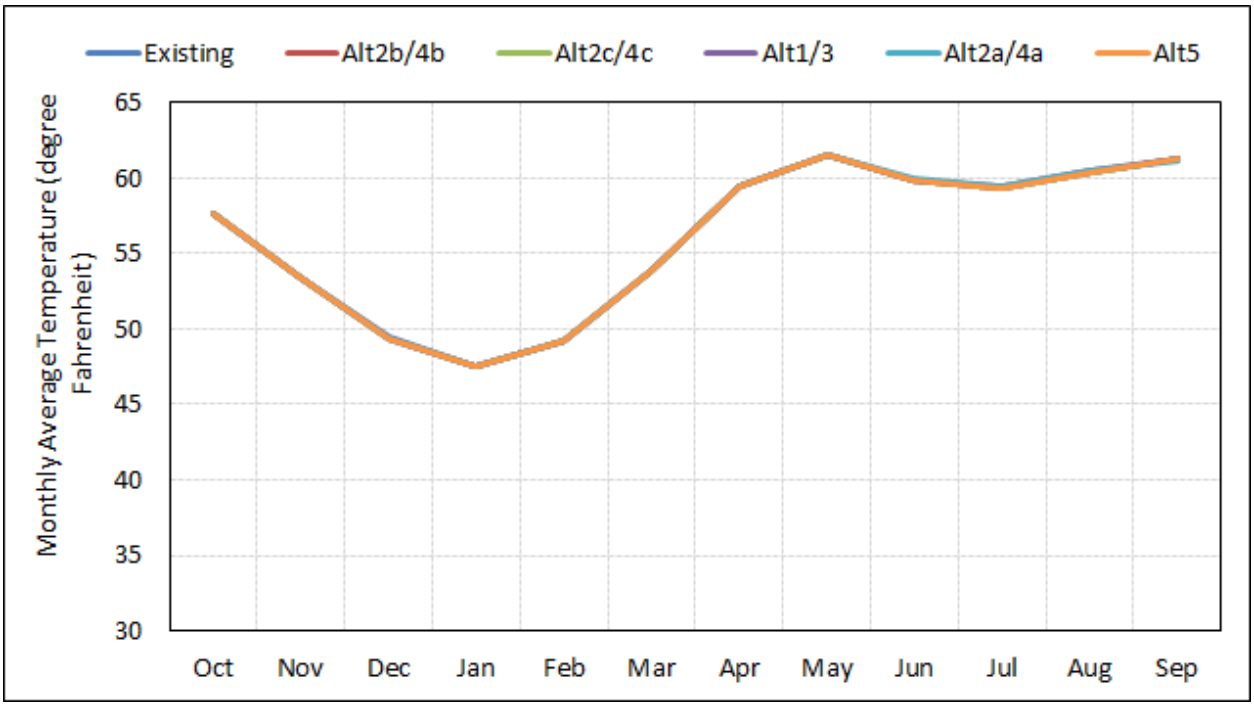


Figure 5A-D1.25.6. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

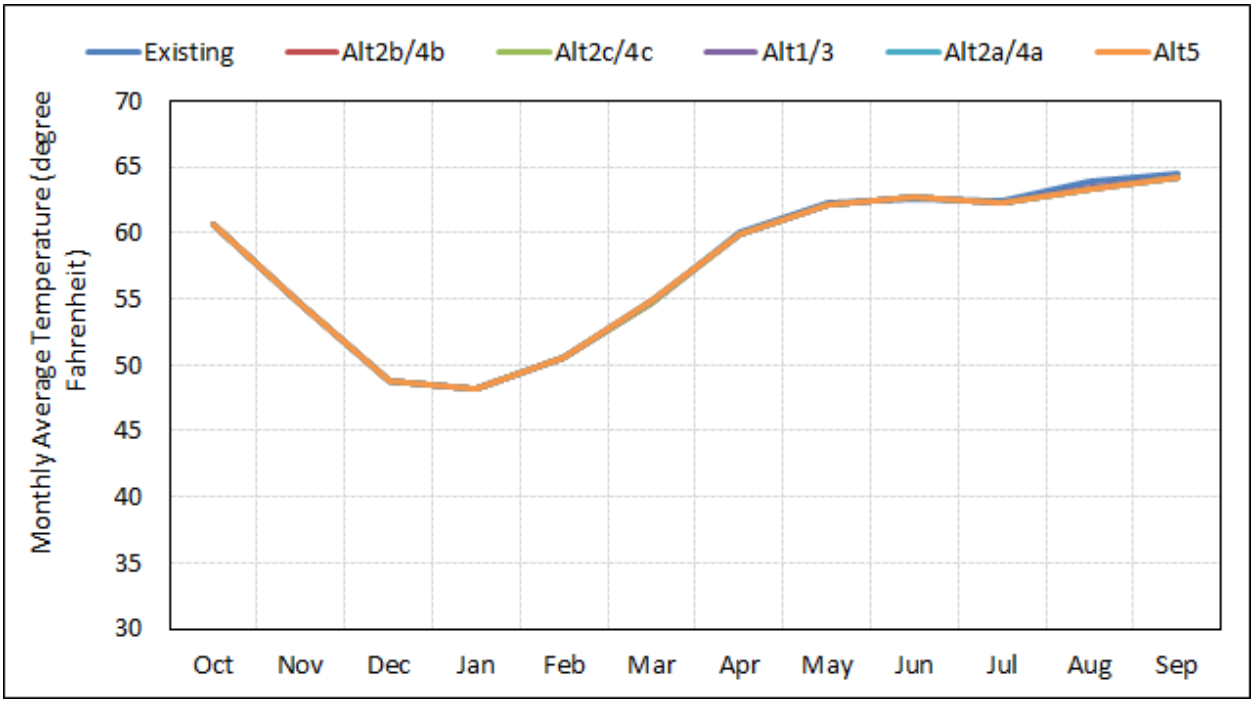


Figure 5A-D1.25.7. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

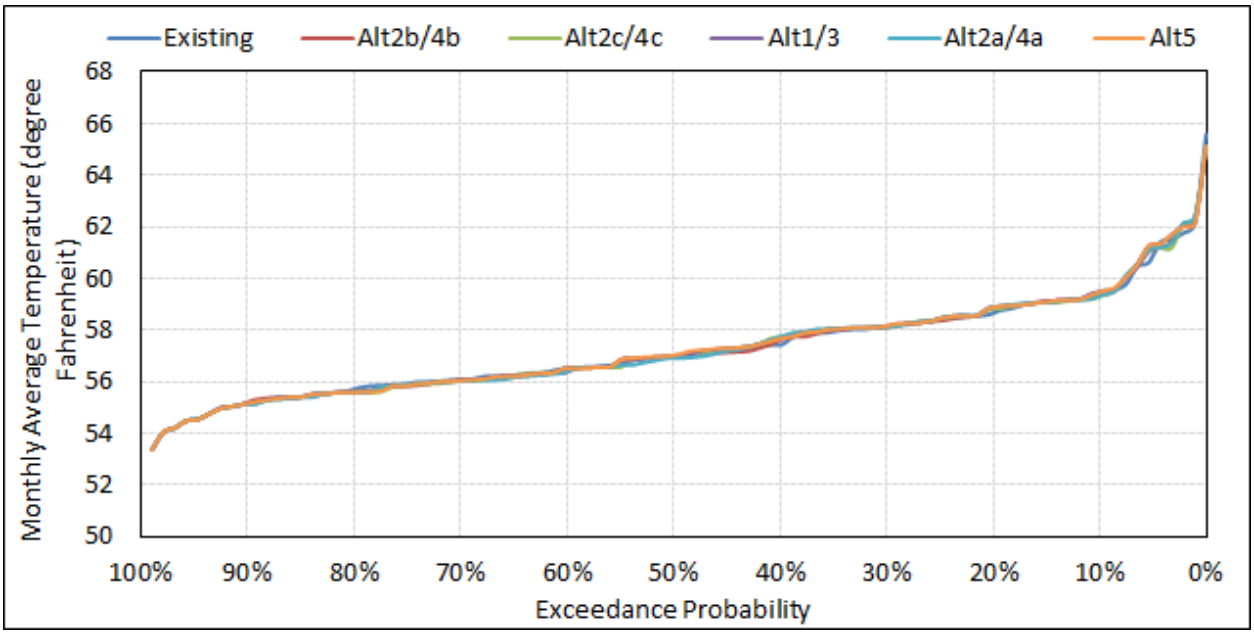


Figure 5A-D1.25.8. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

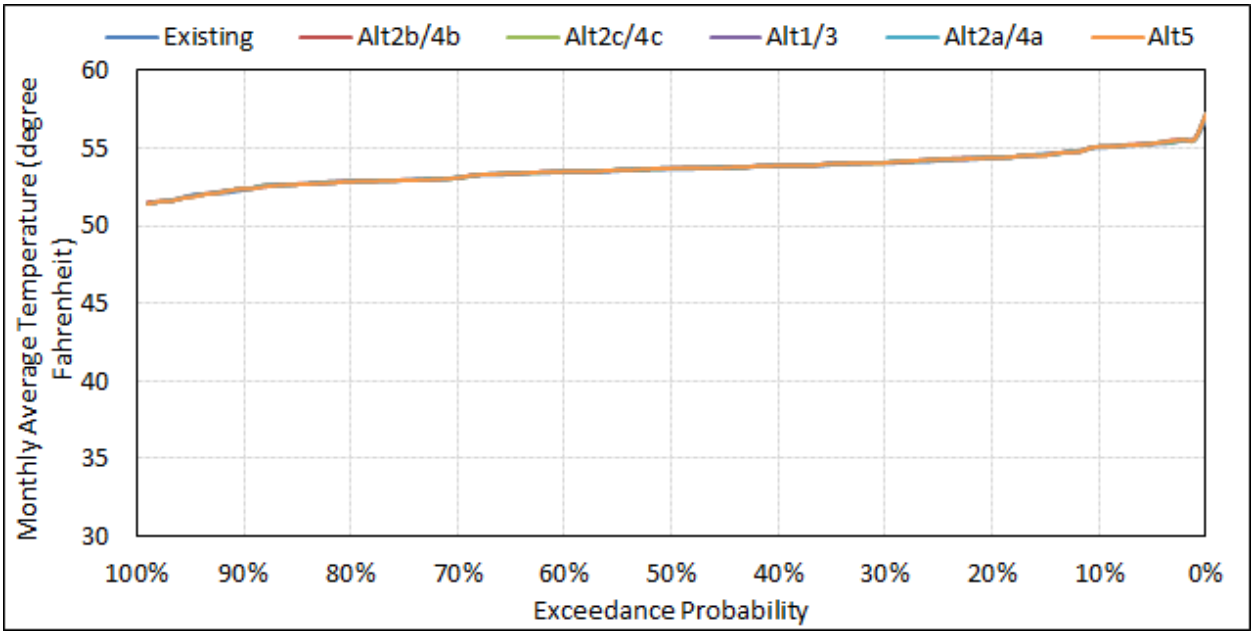


Figure 5A-D1.25.9. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

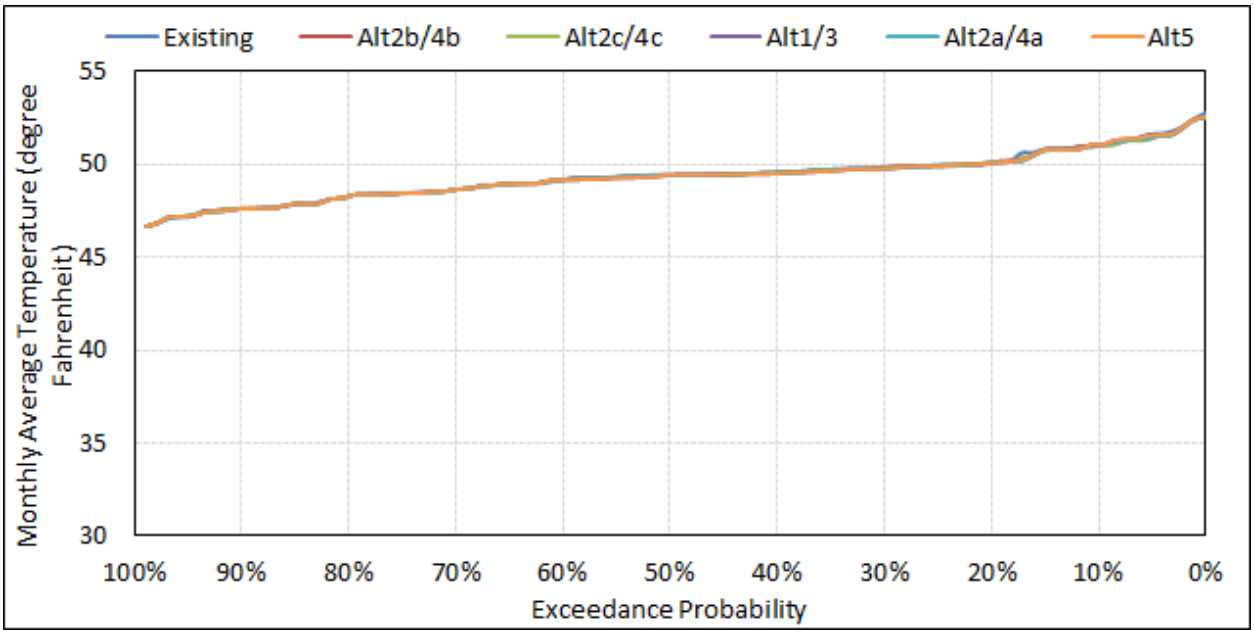


Figure 5A-D1.25.10. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

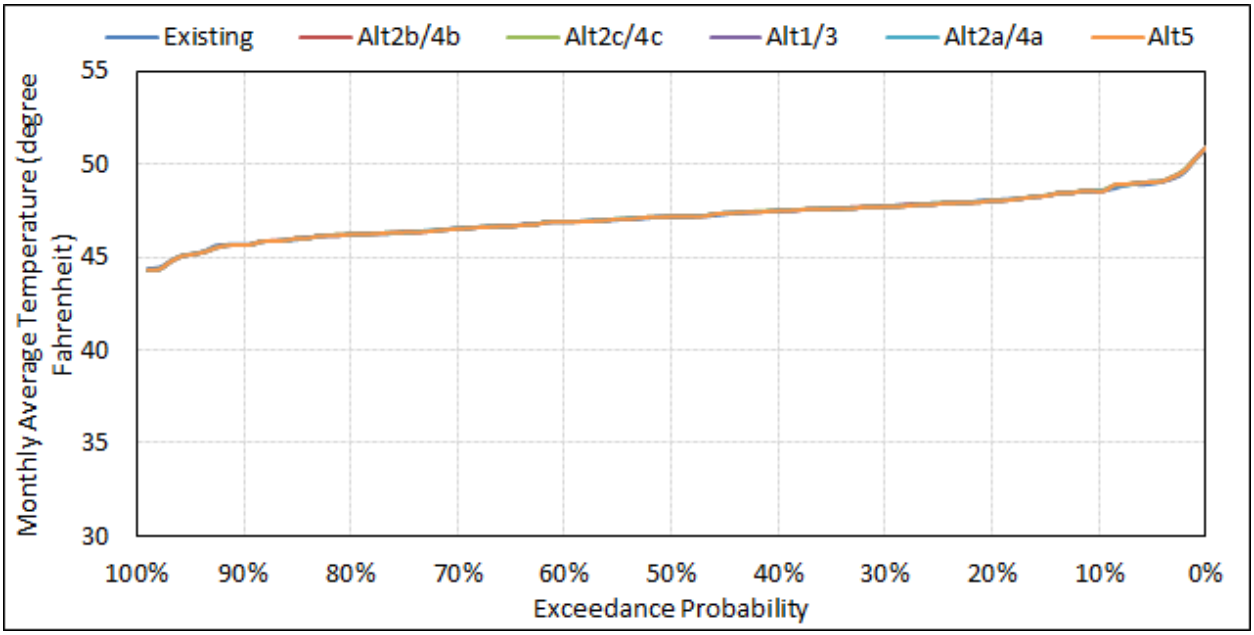


Figure 5A-D1.25.11. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

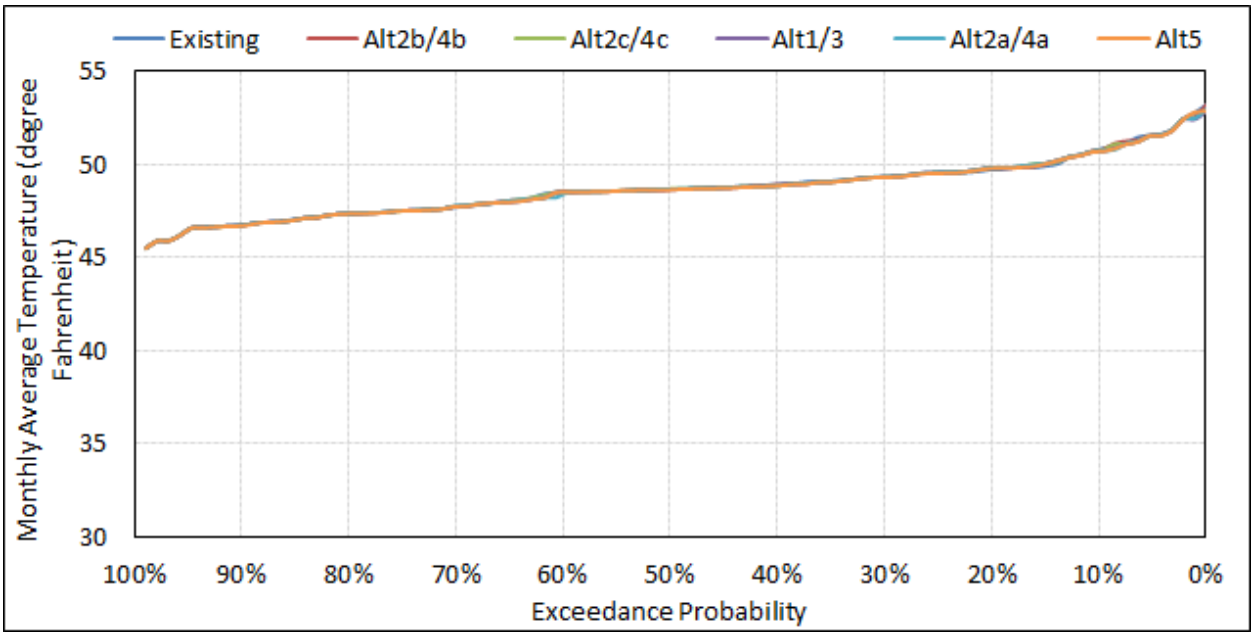


Figure 5A-D1.25.12. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

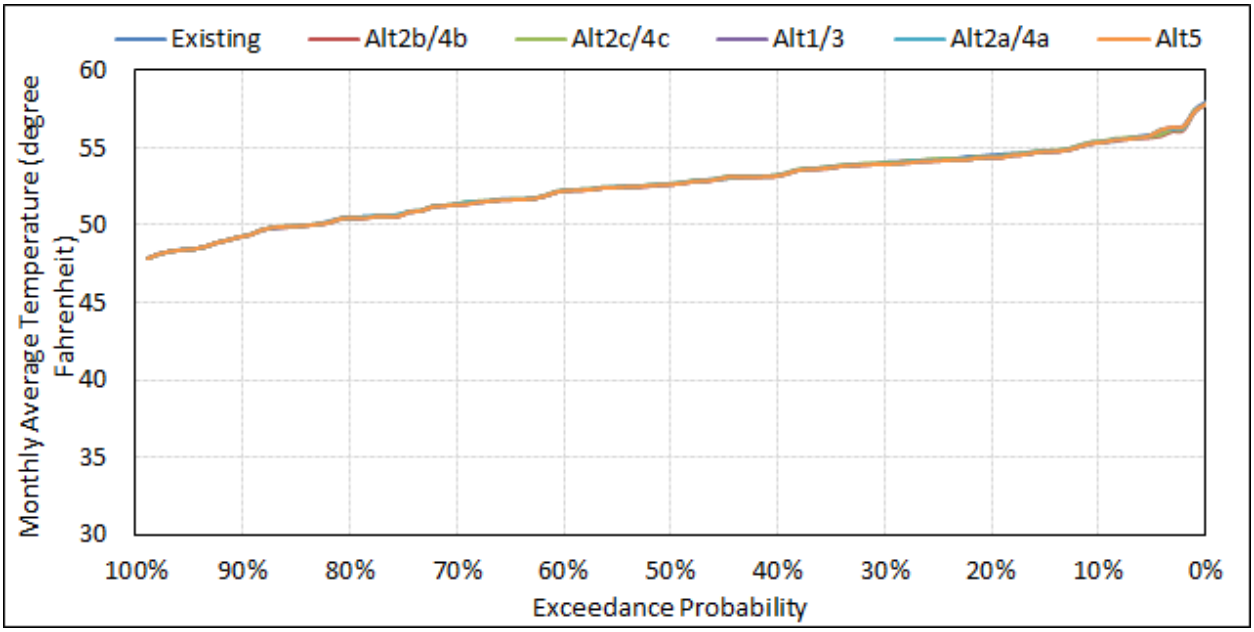


Figure 5A-D1.25.13. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

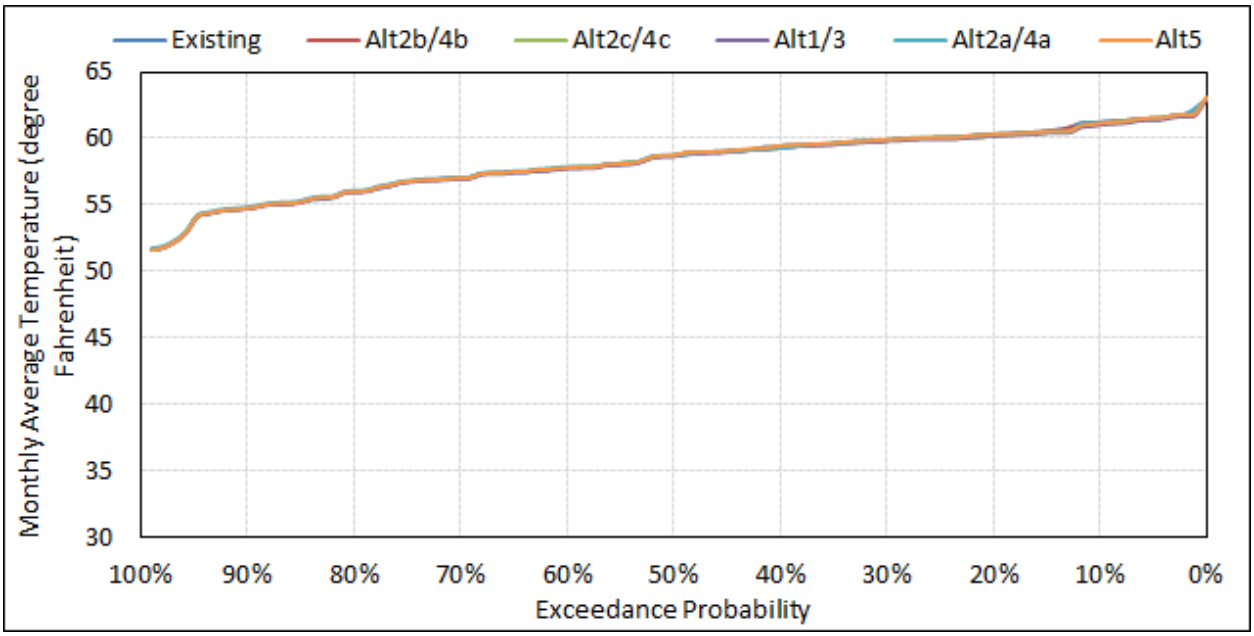


Figure 5A-D1.25.14. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

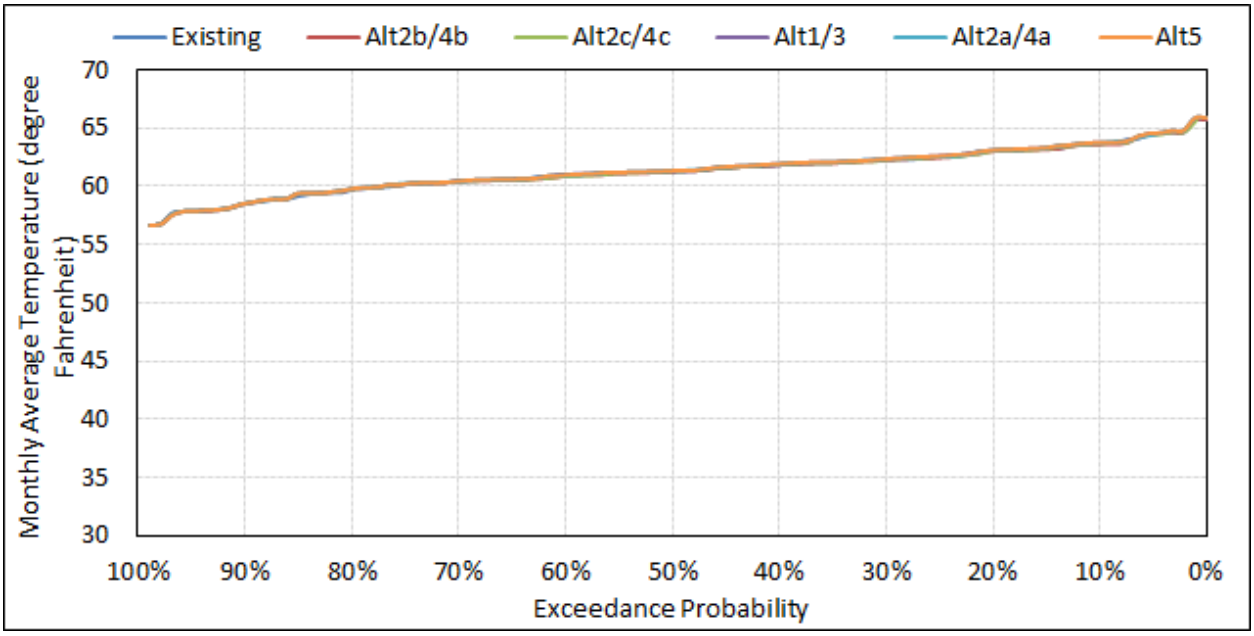


Figure 5A-D1.25.15. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

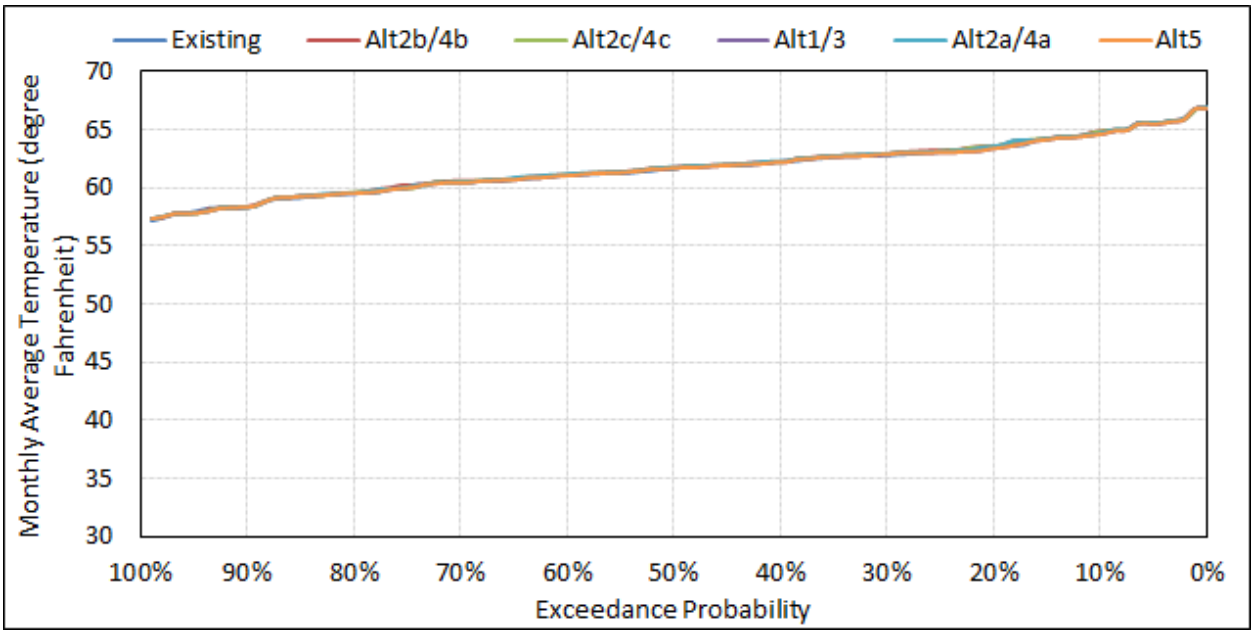


Figure 5A-D1.25.16. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

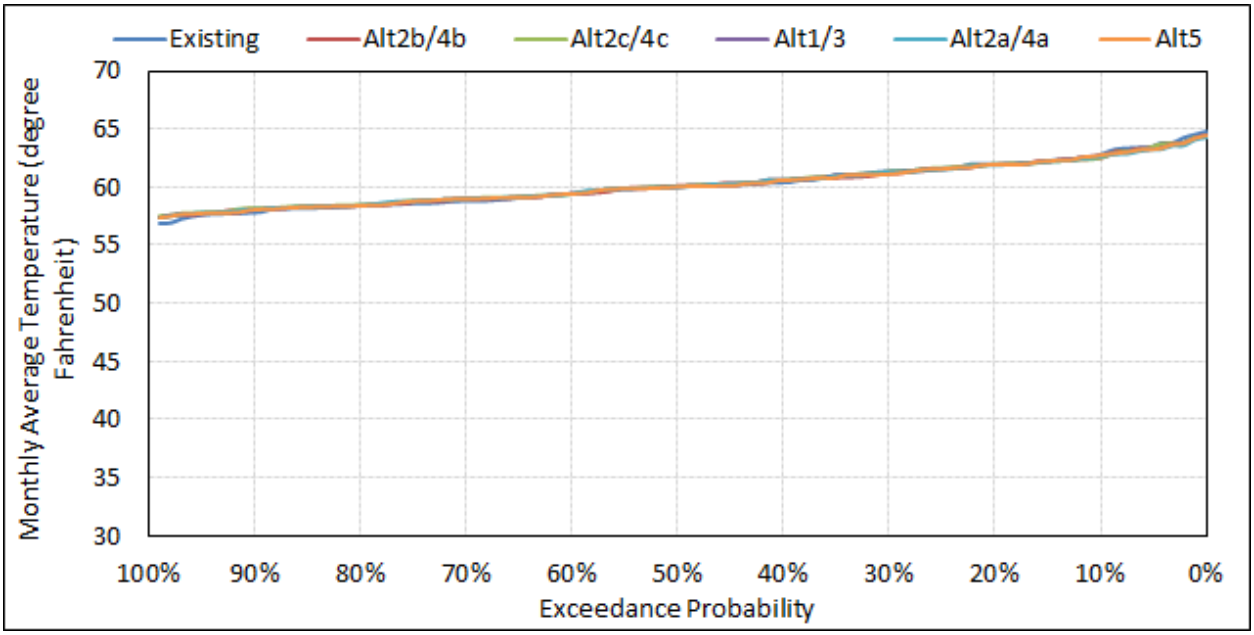


Figure 5A-D1.25.17. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

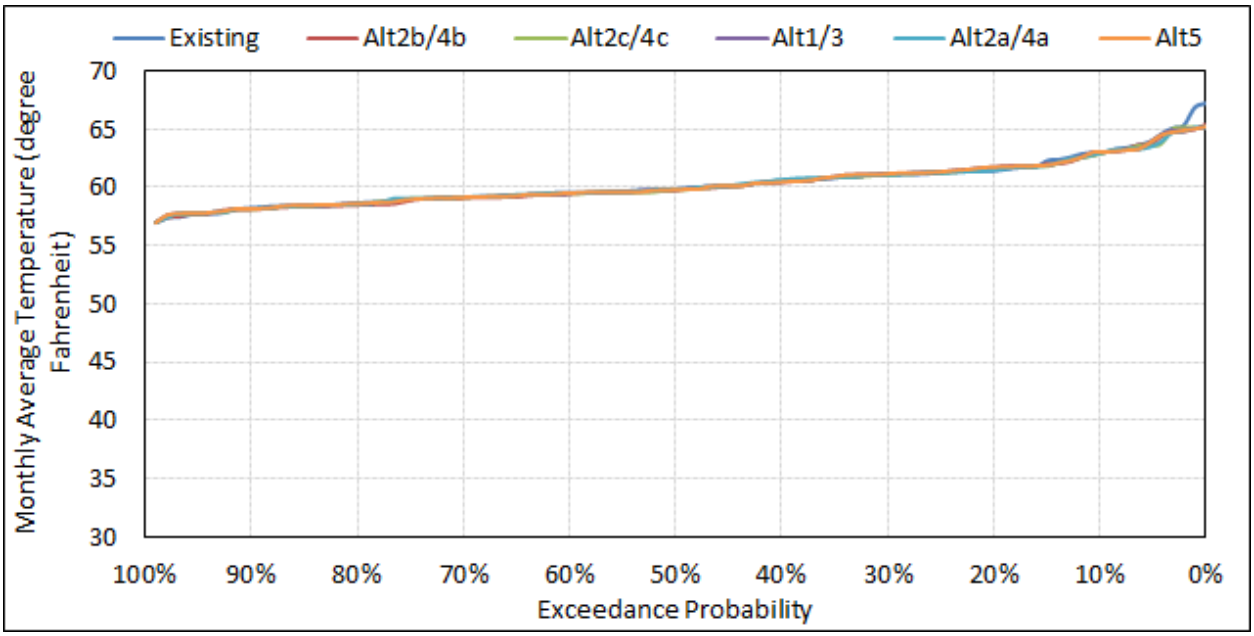


Figure 5A-D1.25.18. Sacramento River at TCID, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

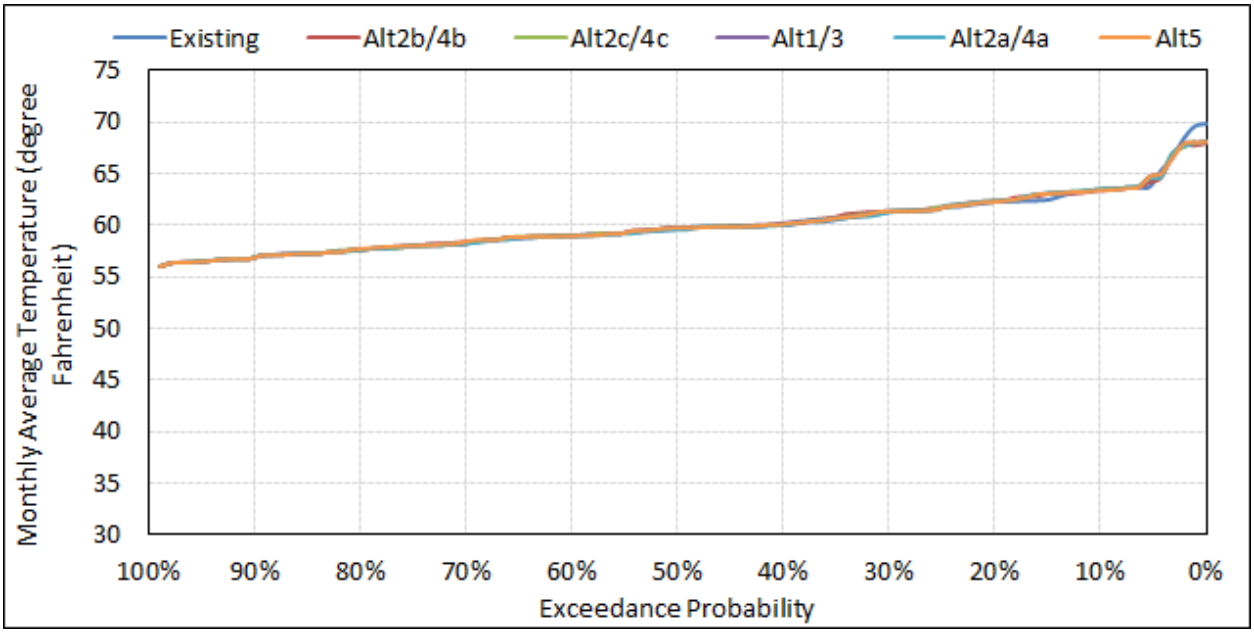
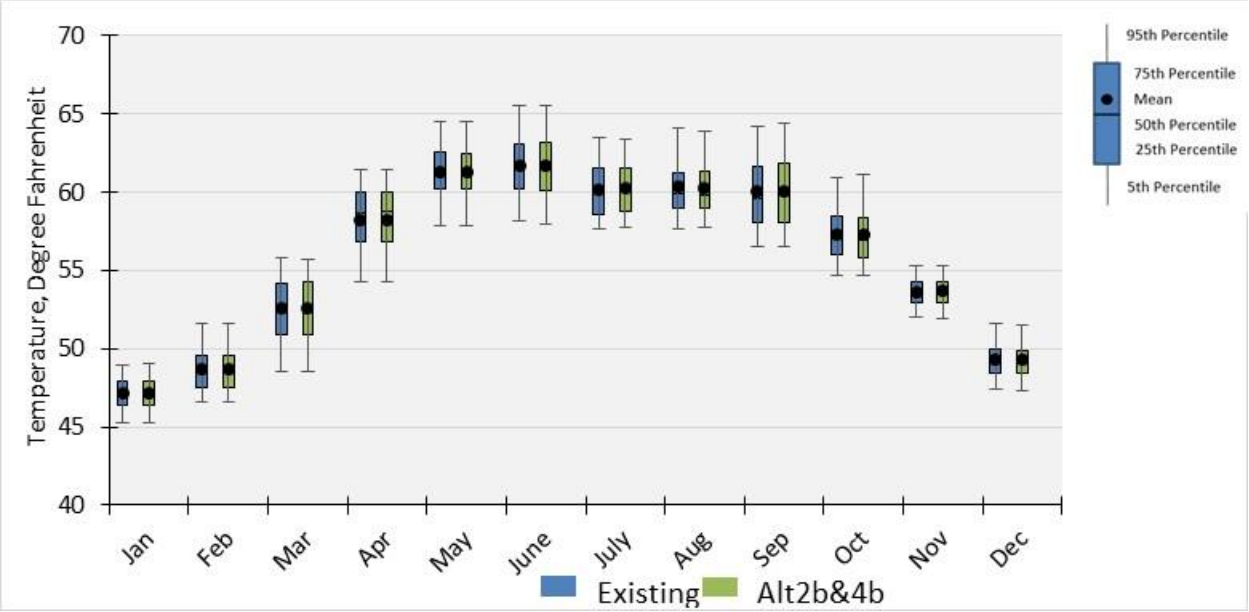


Figure 5A-D1.25.19. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



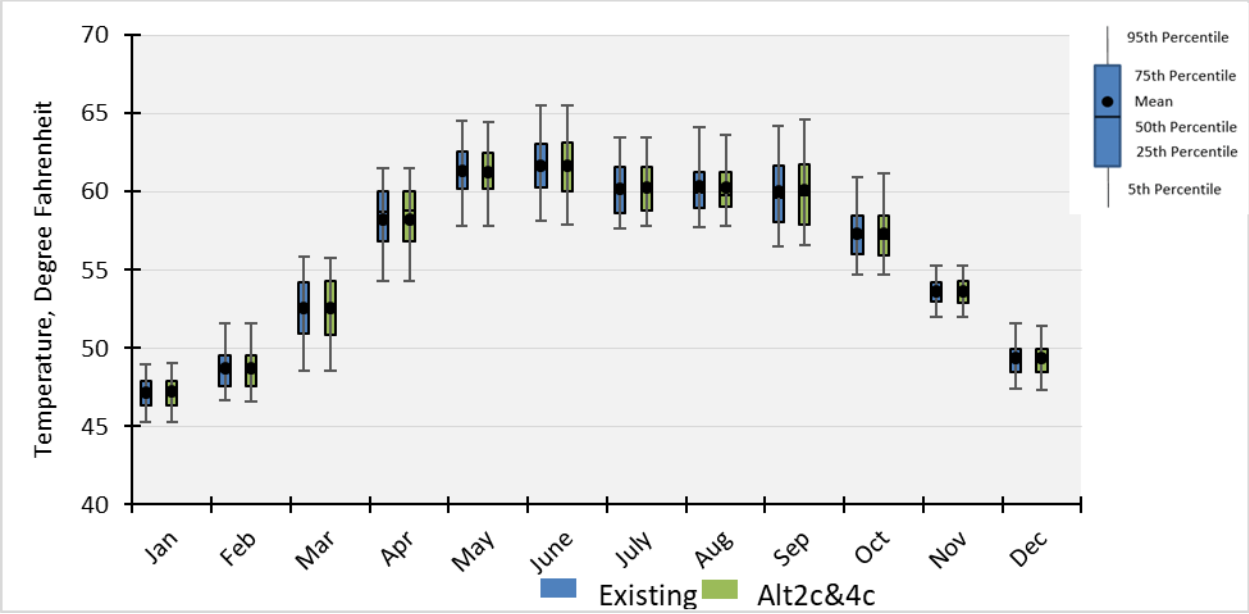
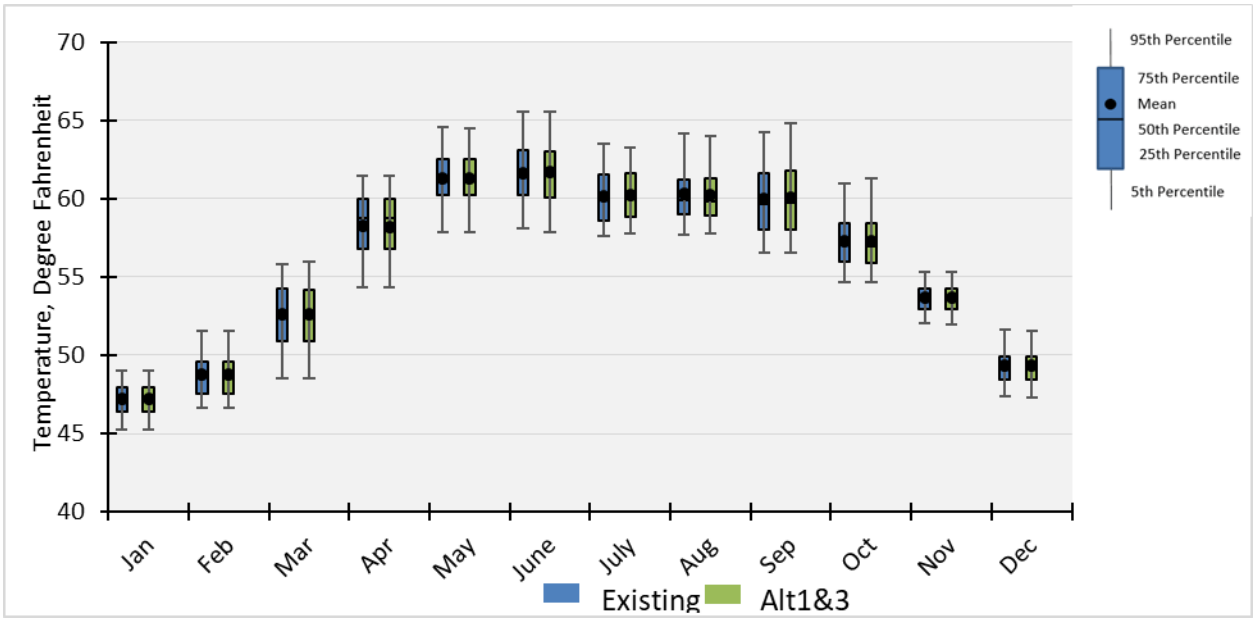


Figure 5A-D1.25.20. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



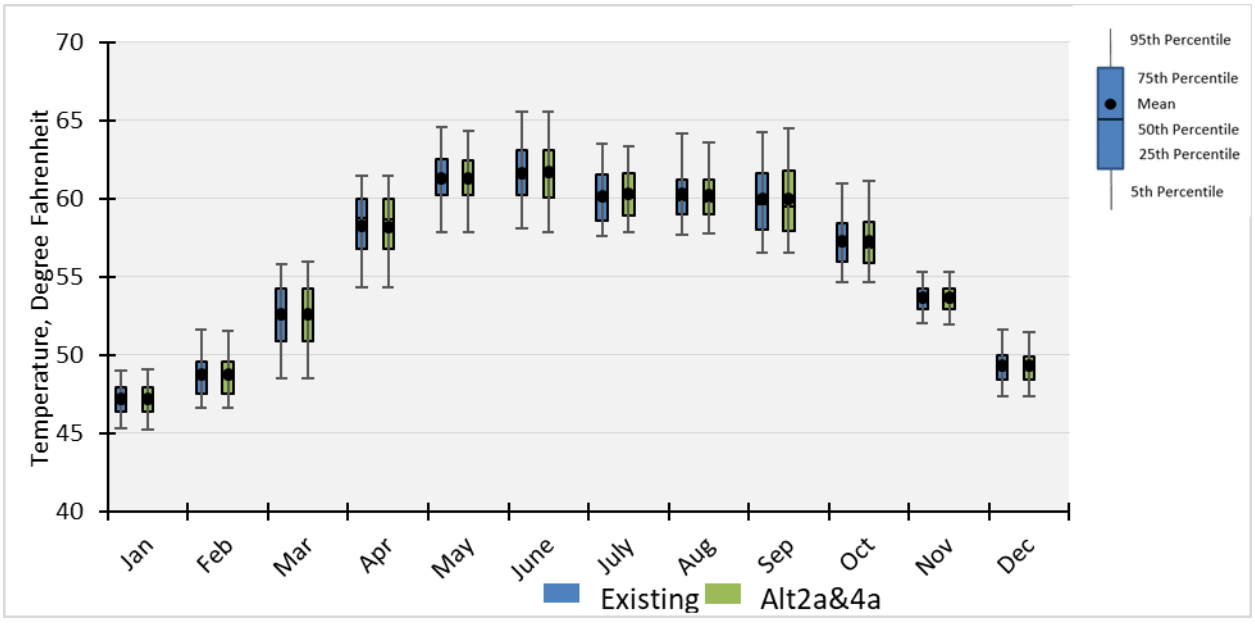


Figure 5A-D1.25.21. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

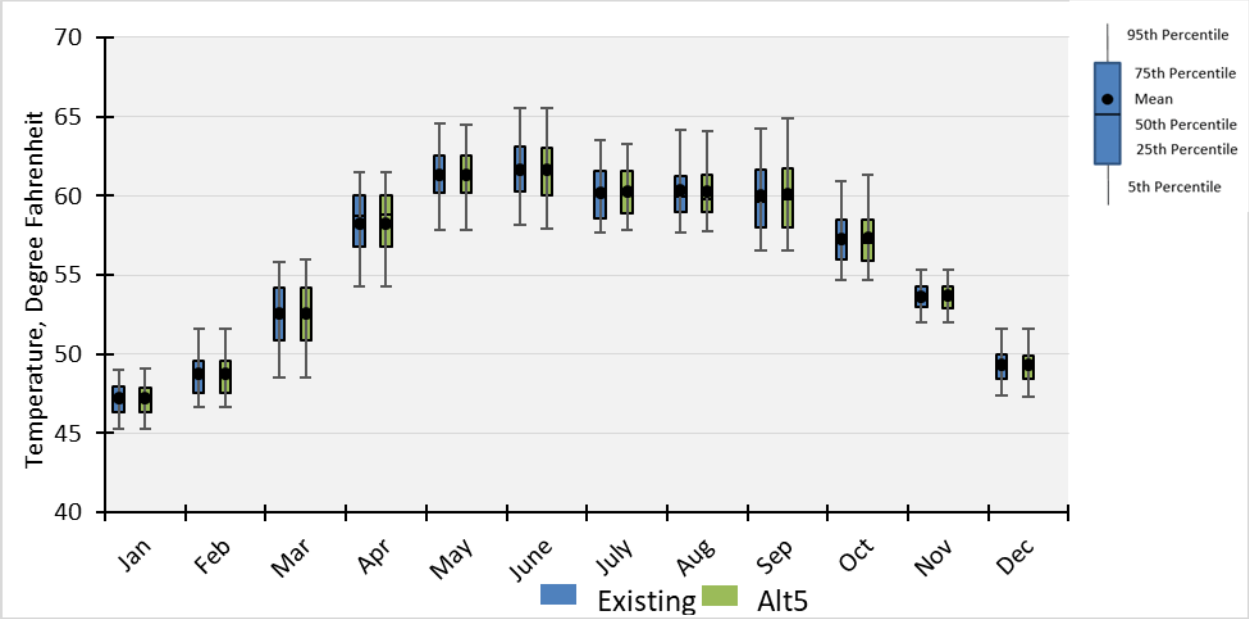
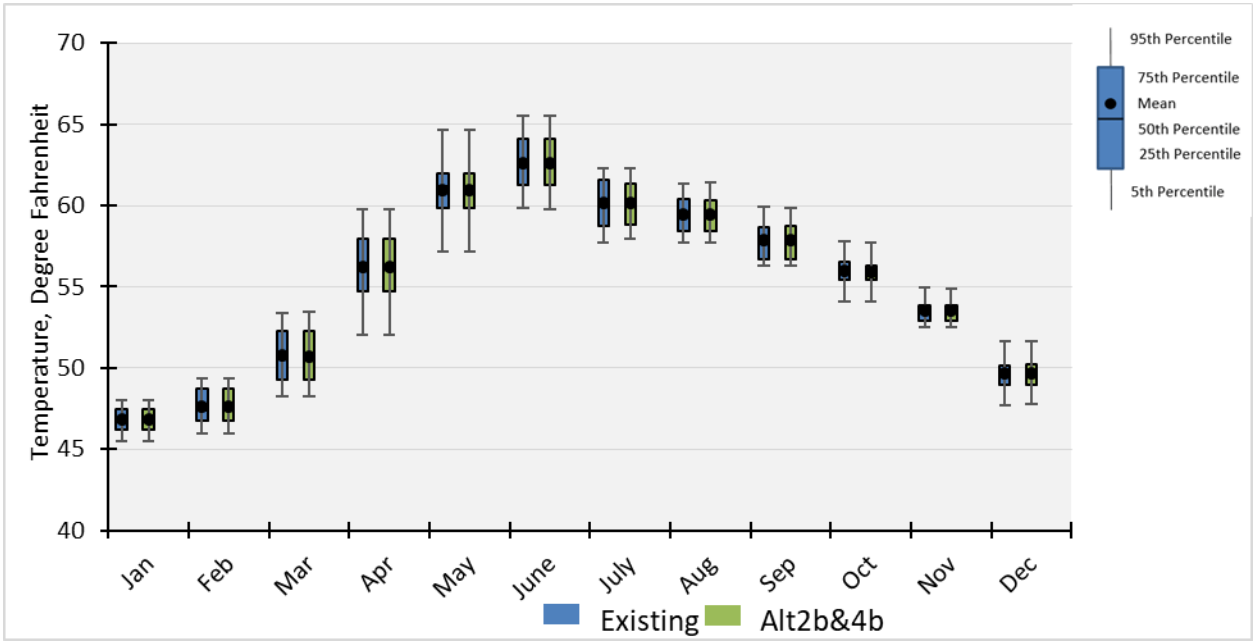


Figure 5A-D1.25.22. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



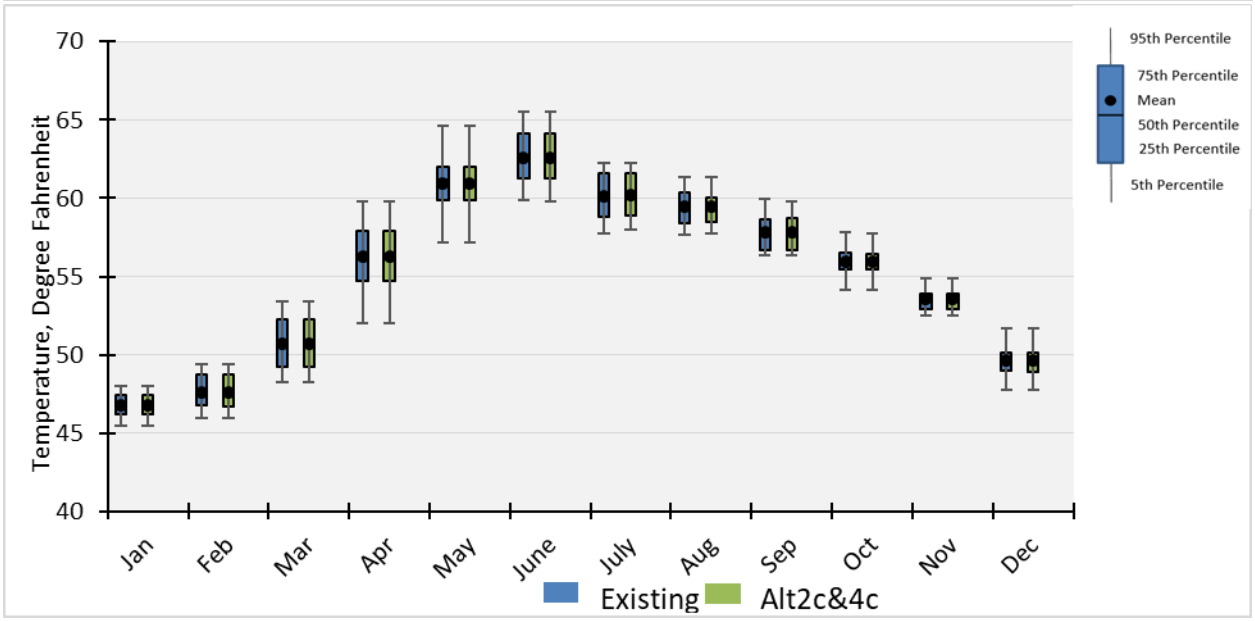
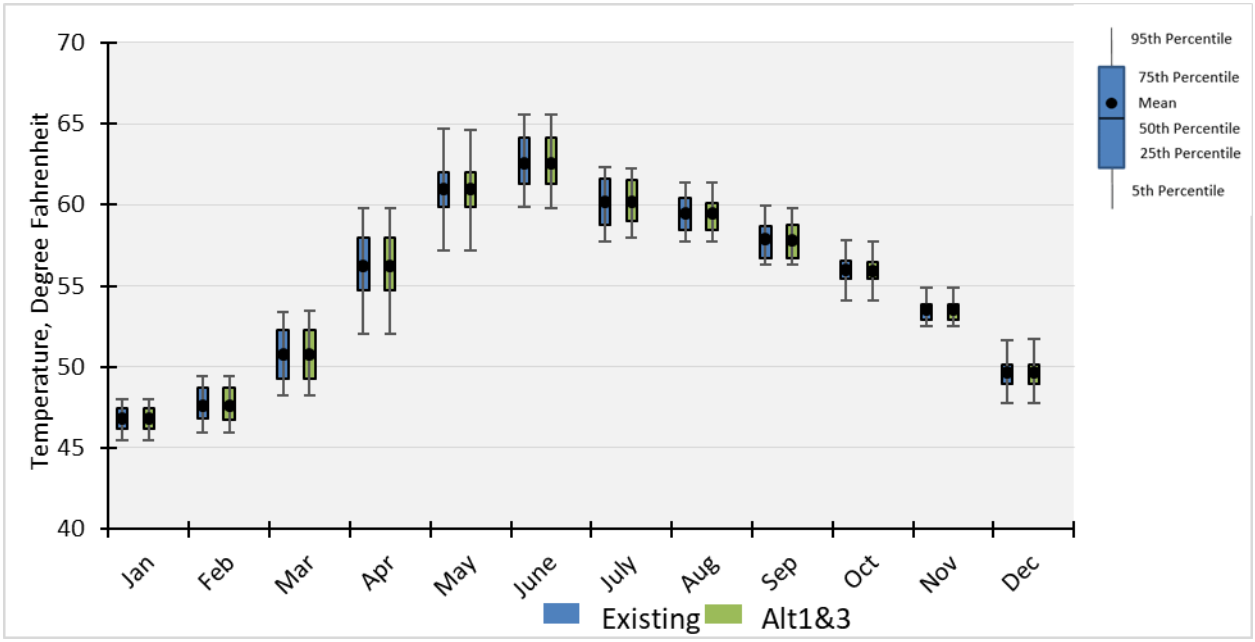


Figure 5A-D1.25.23. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



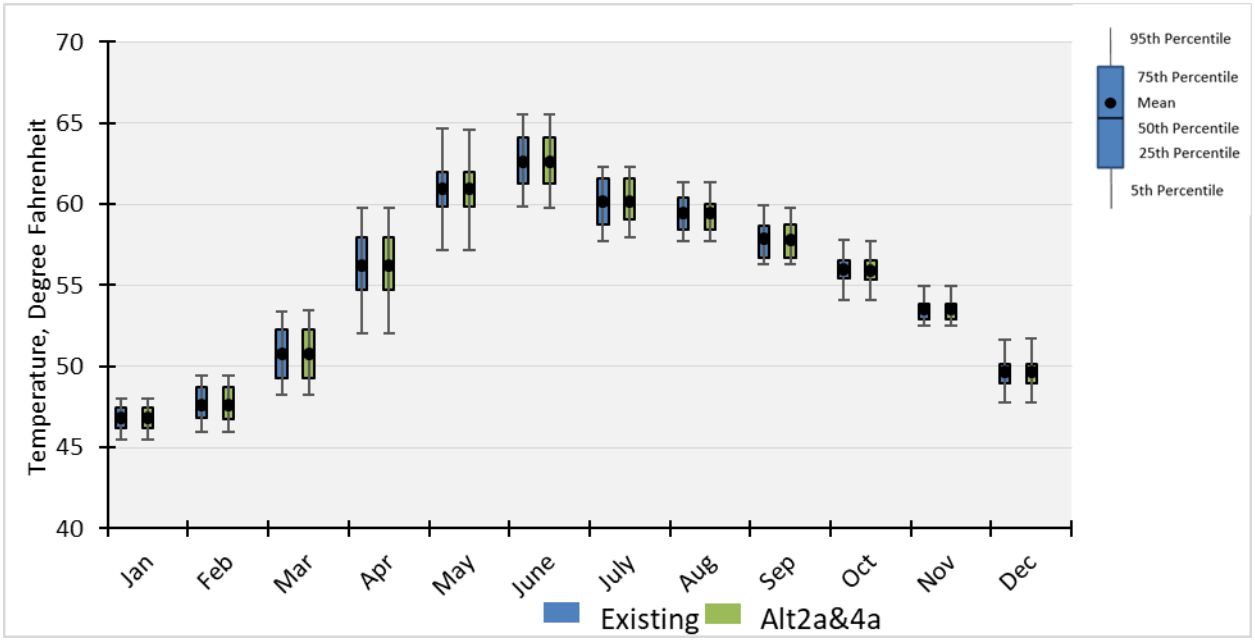


Figure 5A-D1.25.24. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

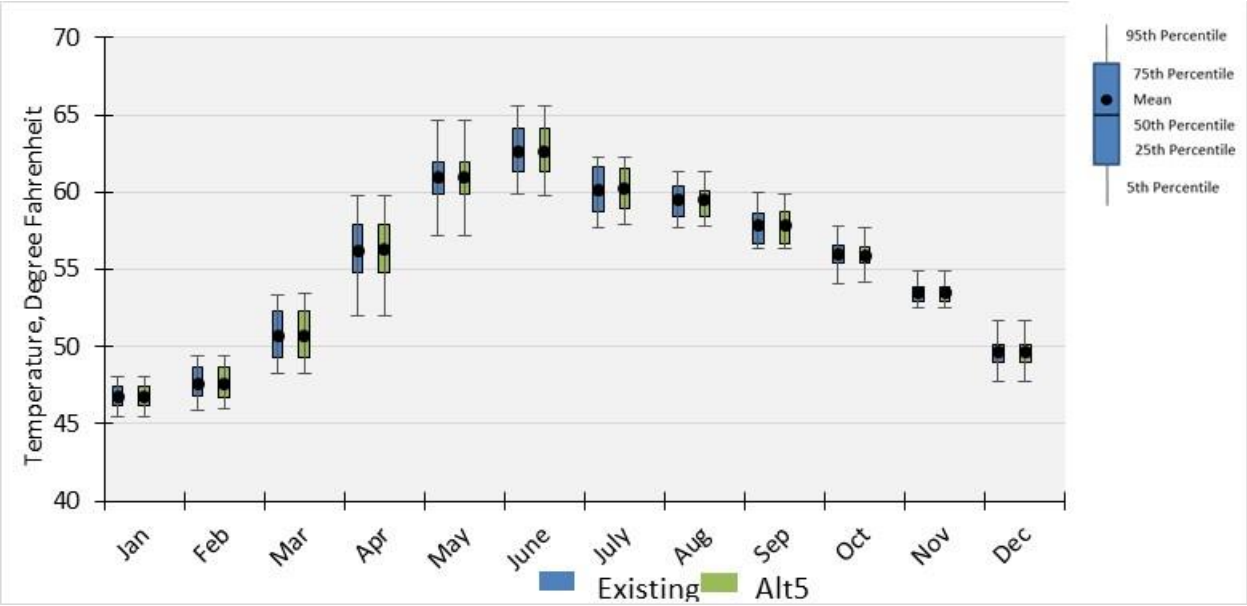
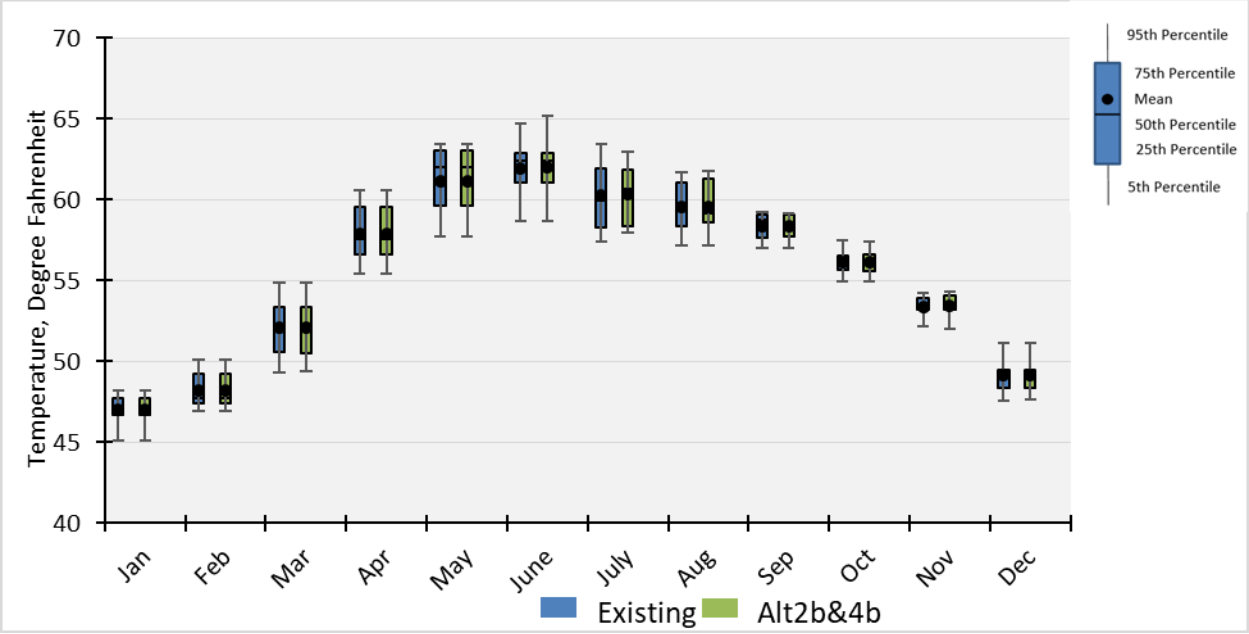


Figure 5A-D1.25.25. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



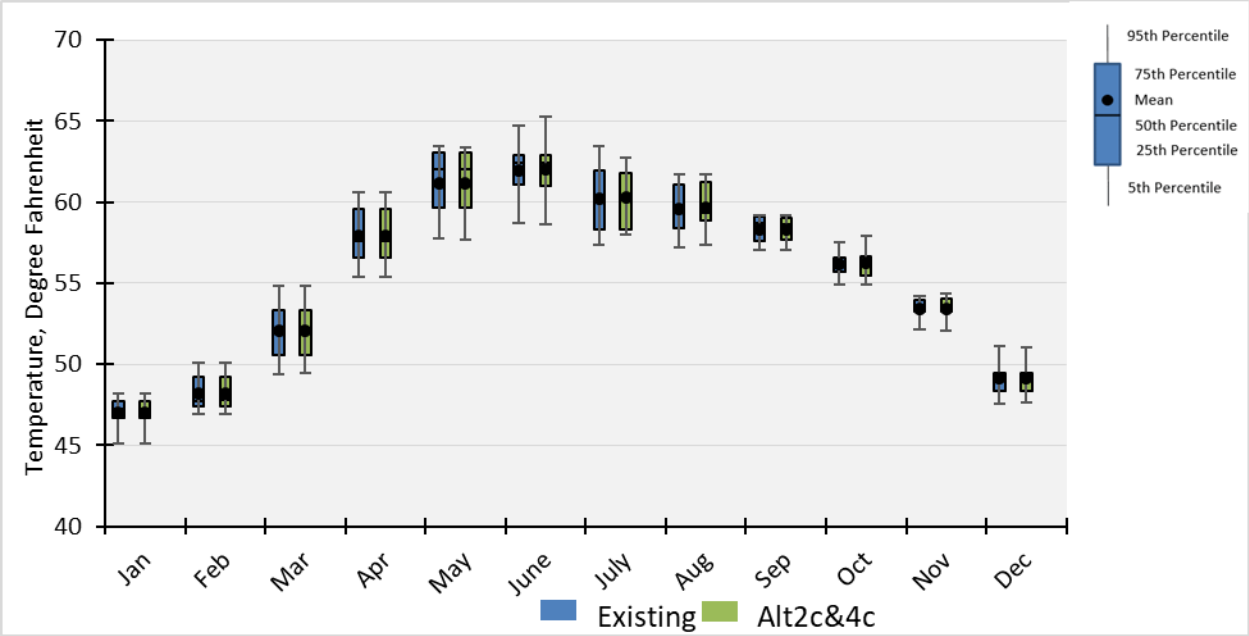
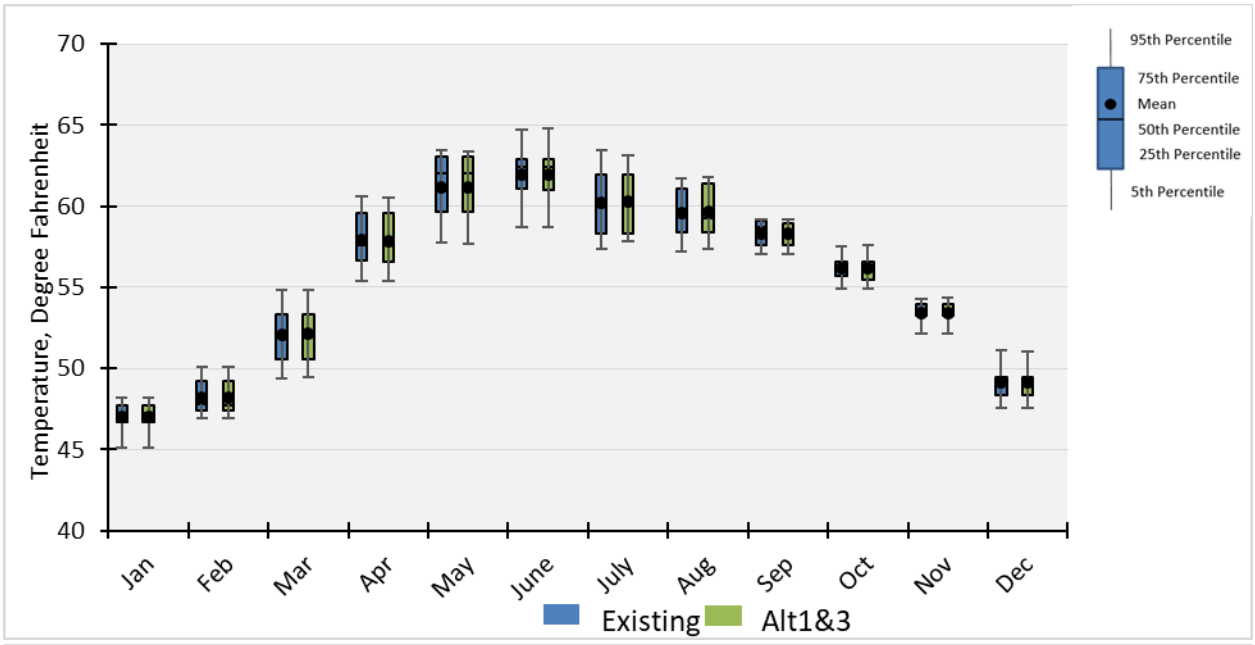


Figure 5A-D1.25.26. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



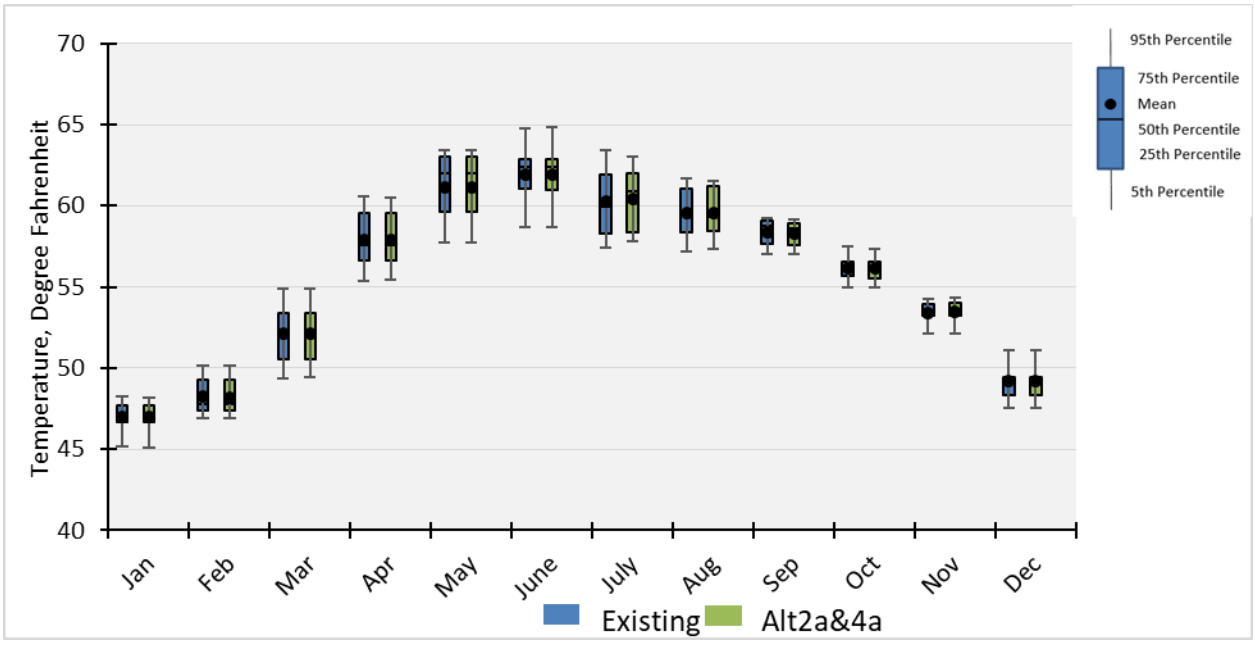


Figure 5A-D1.25.27. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

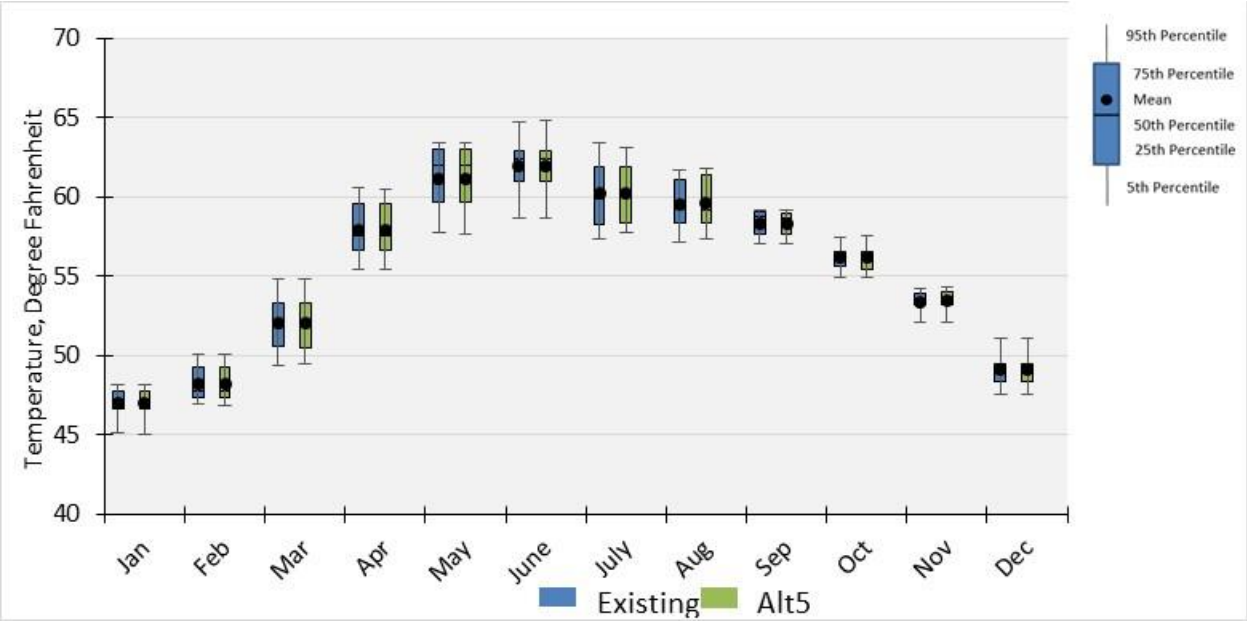
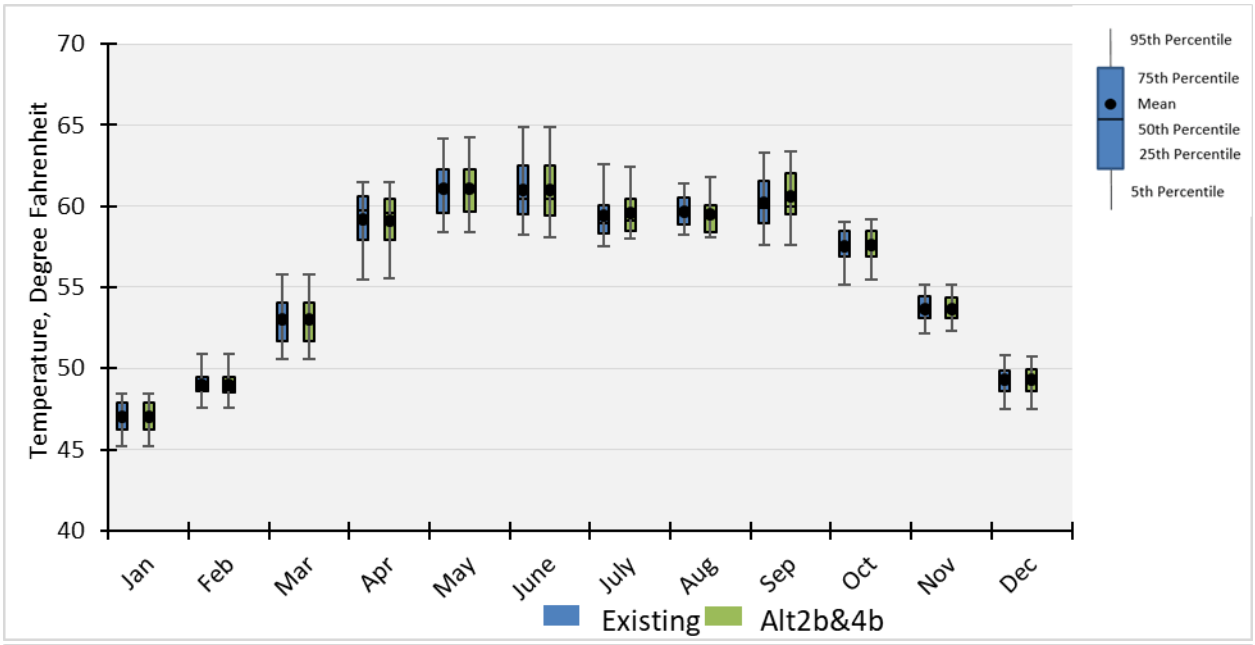


Figure 5A-D1.25.28. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



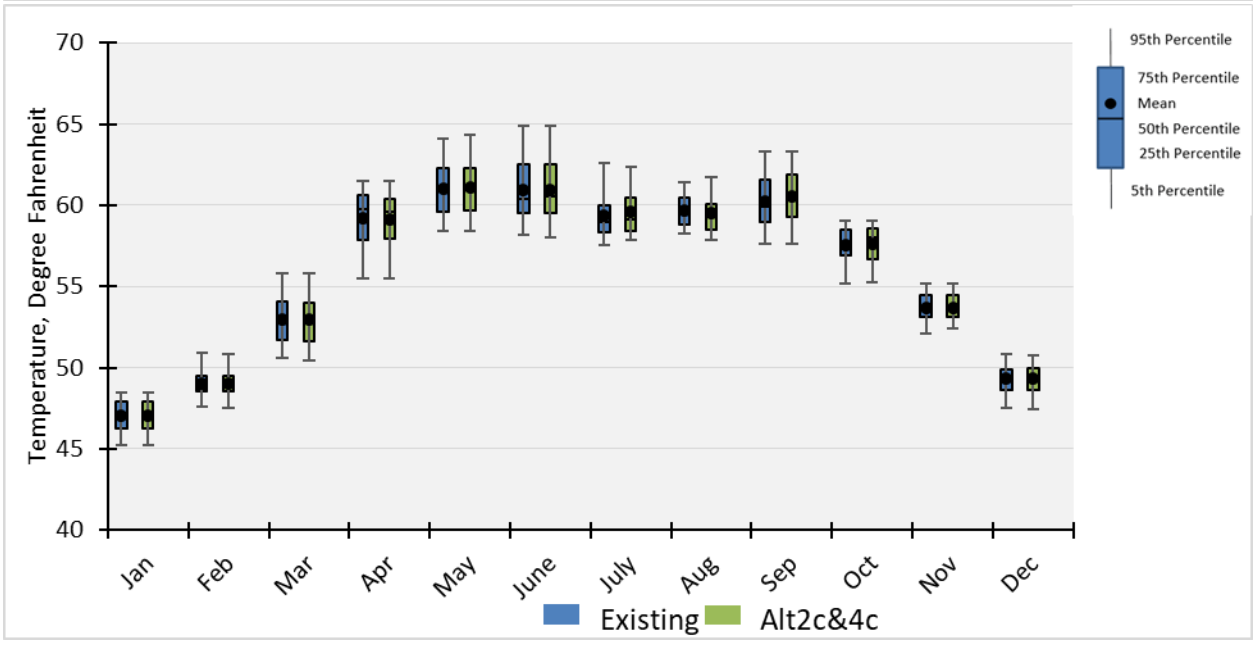


Figure 5A-D1.25.29. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

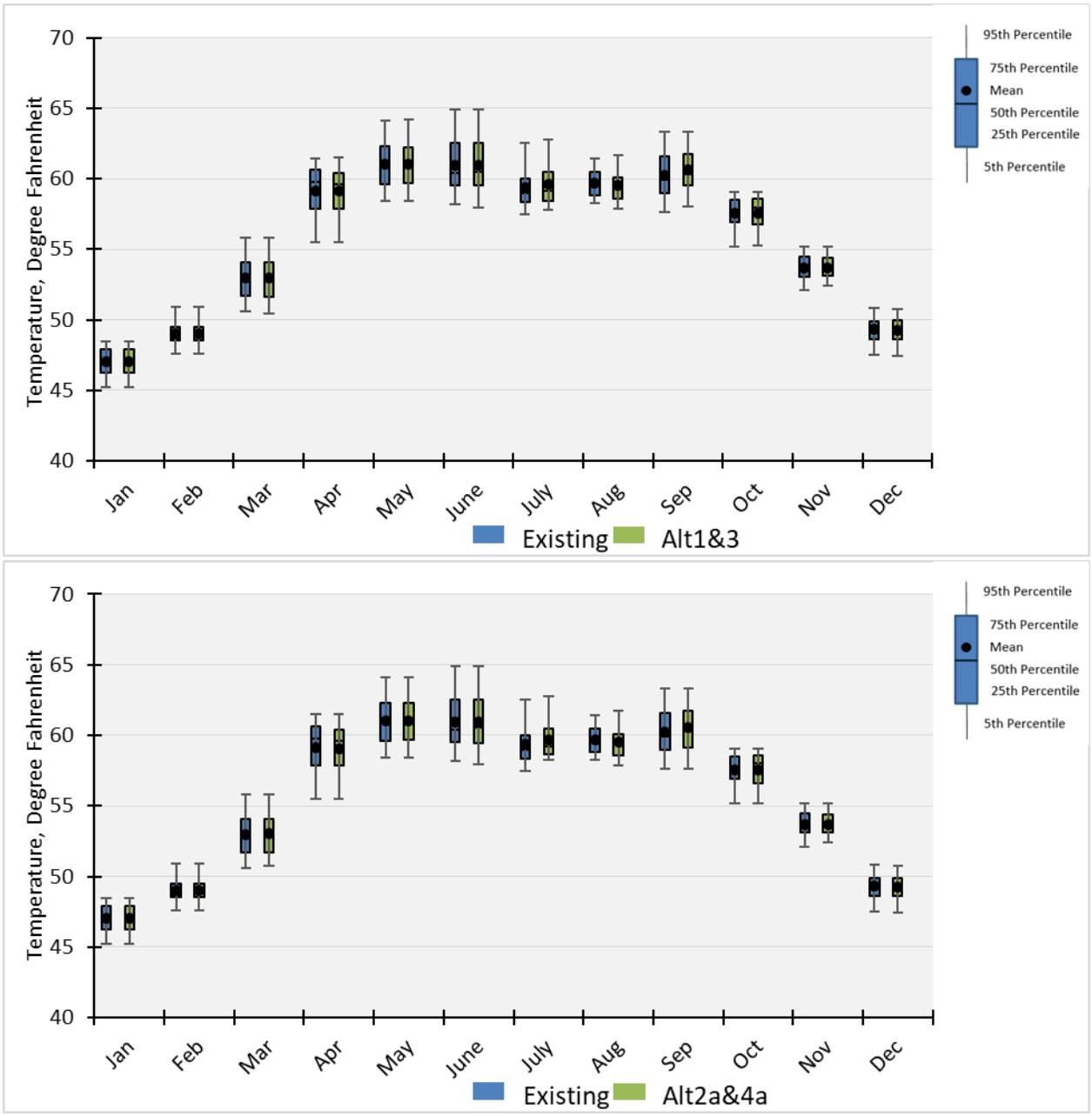


Figure 5A-D1.25.30. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

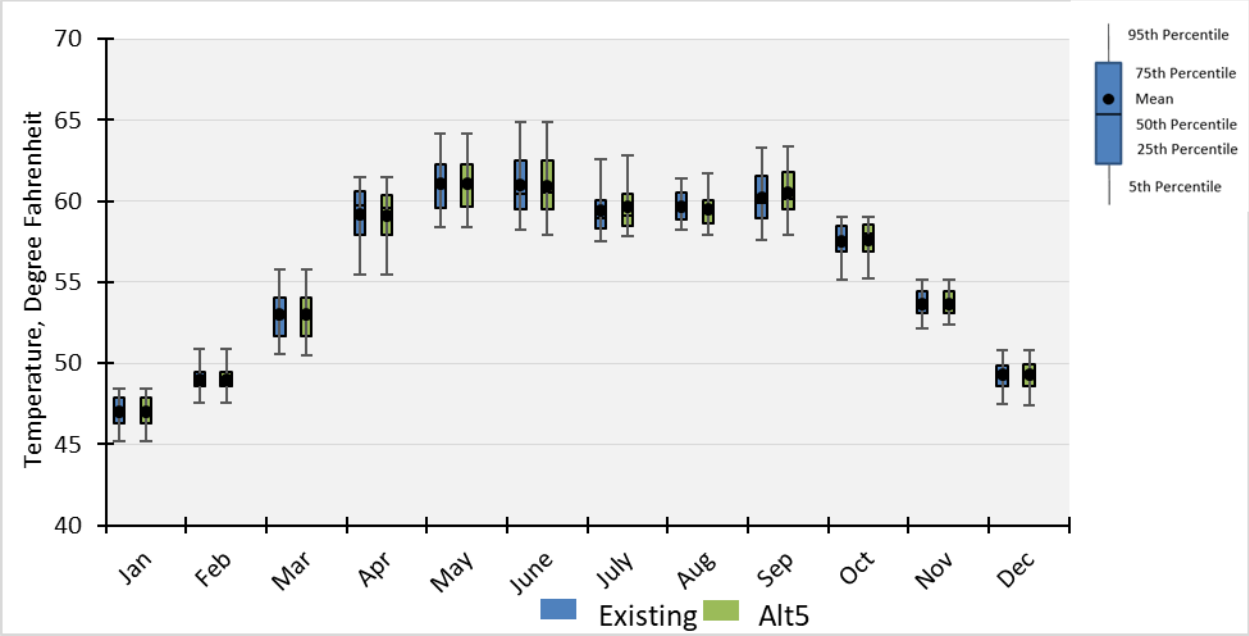
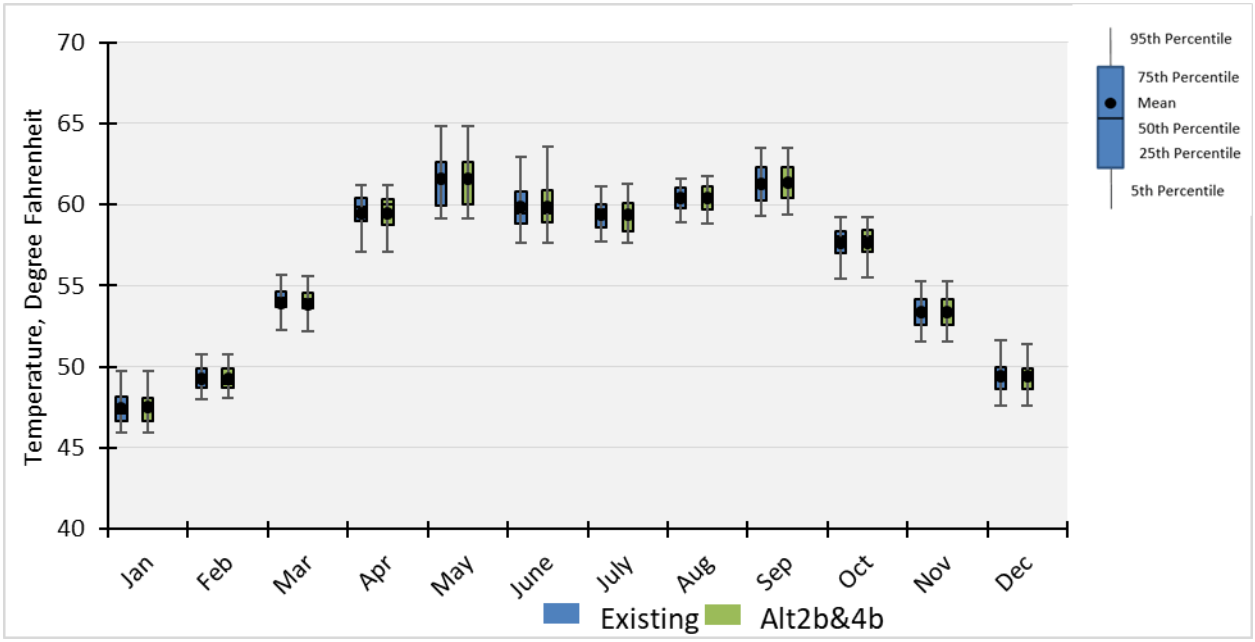


Figure 5A-D1.25.31. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



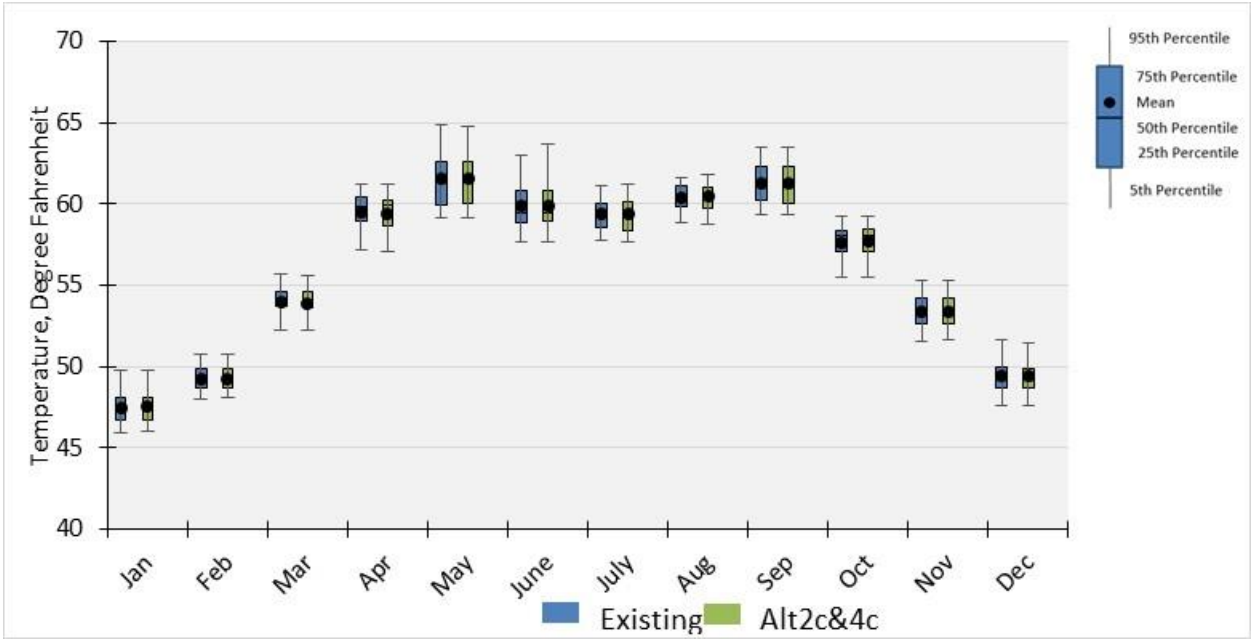


Figure 5A-D1.25.32. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

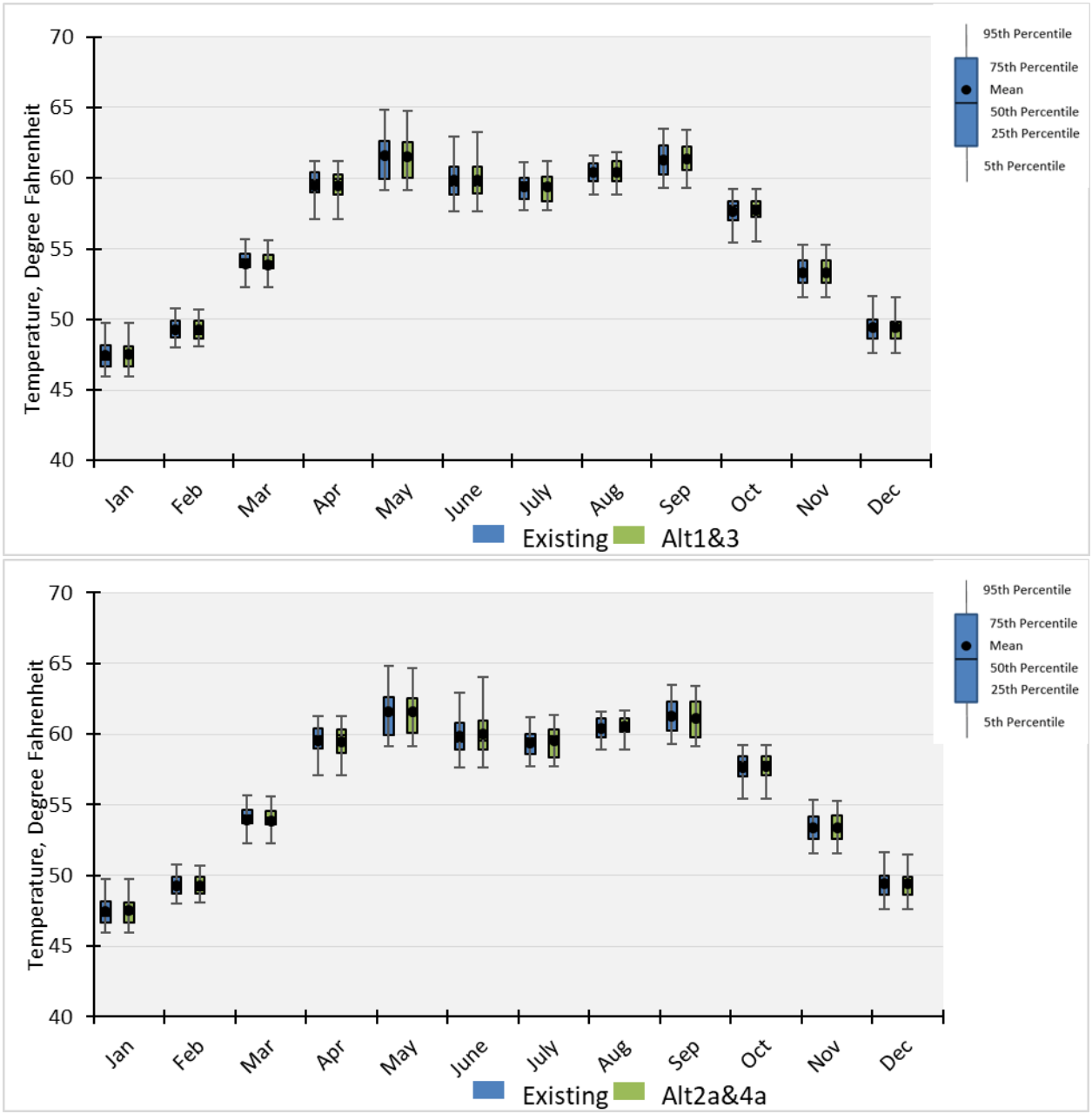


Figure 5A-D1.25.33. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

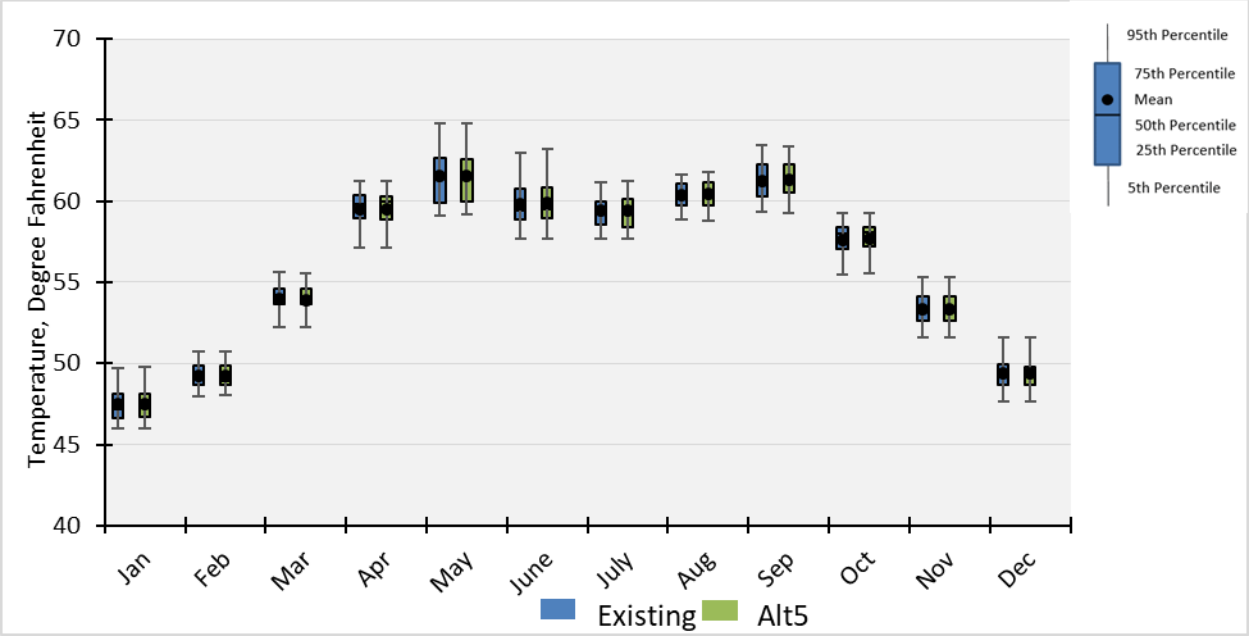
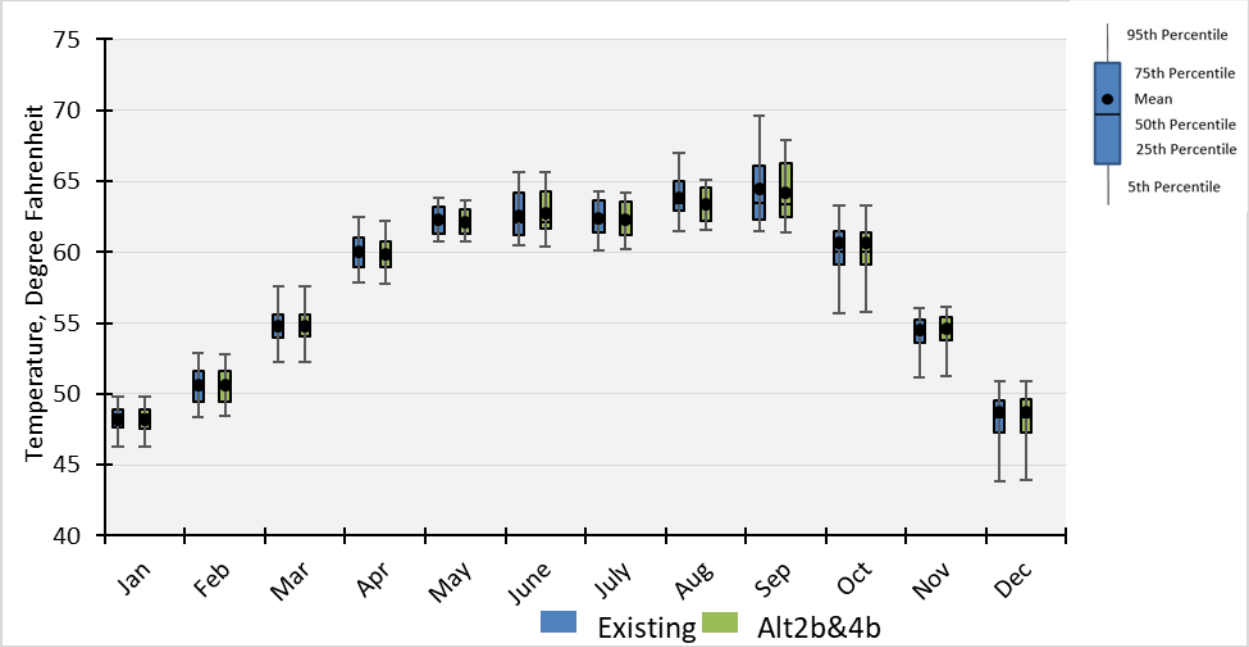


Figure 5A-D1.25.34. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



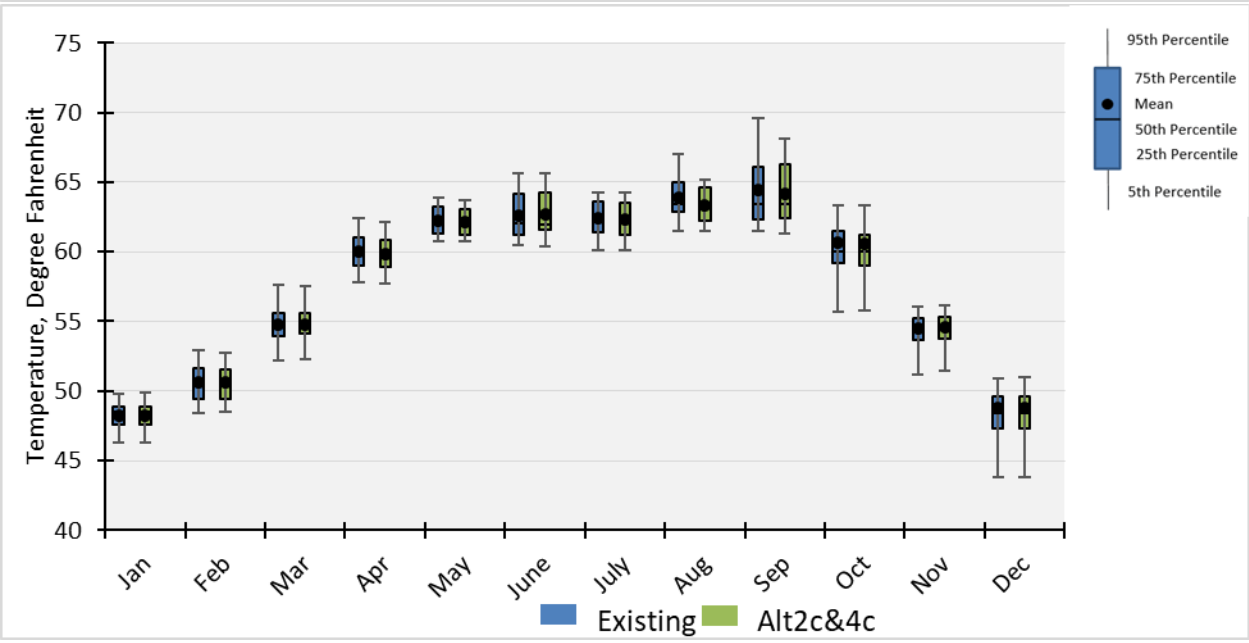
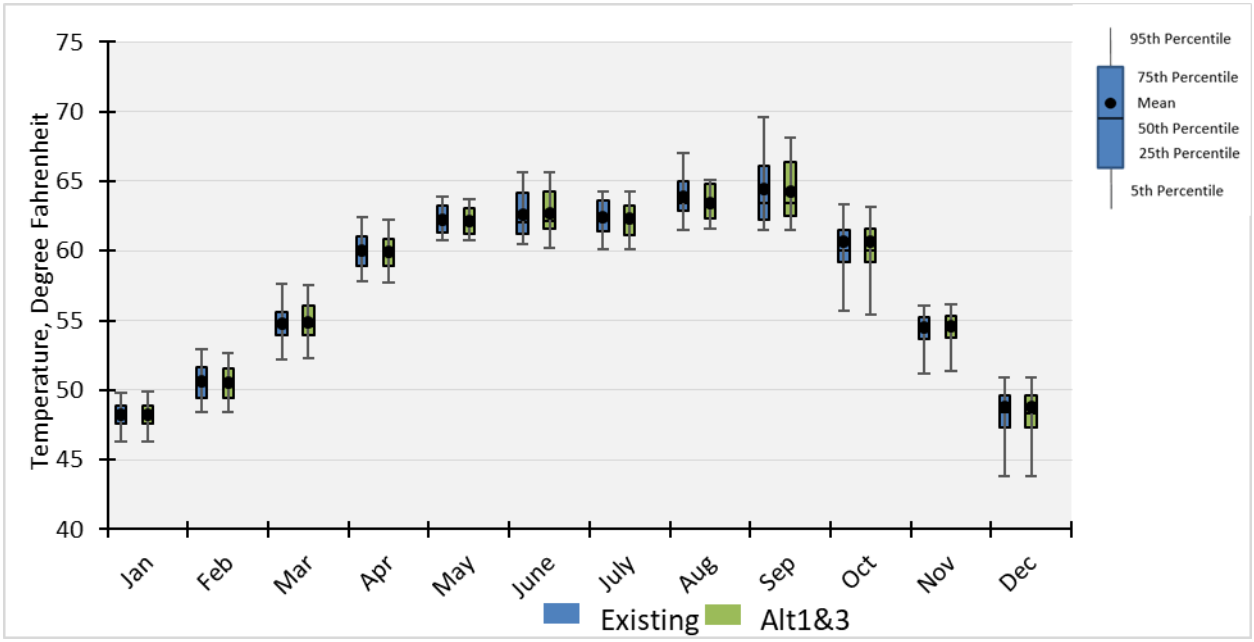


Figure 5A-D1.25.35. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



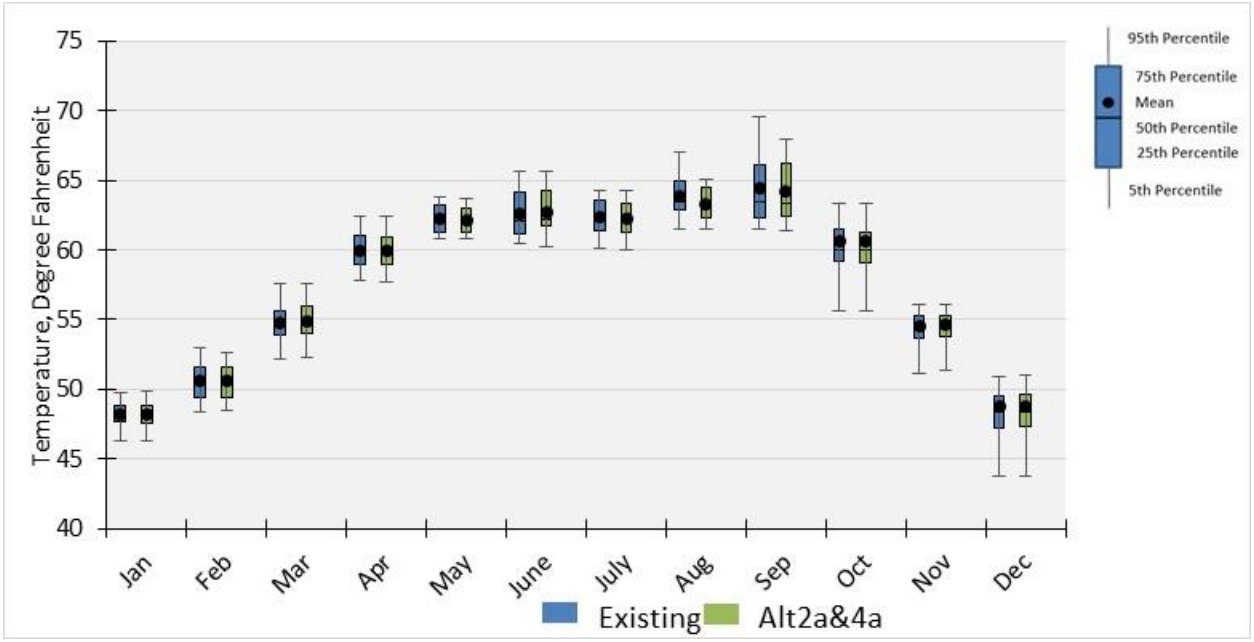


Figure 5A-D1.25.36. Sacramento River at TCID, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

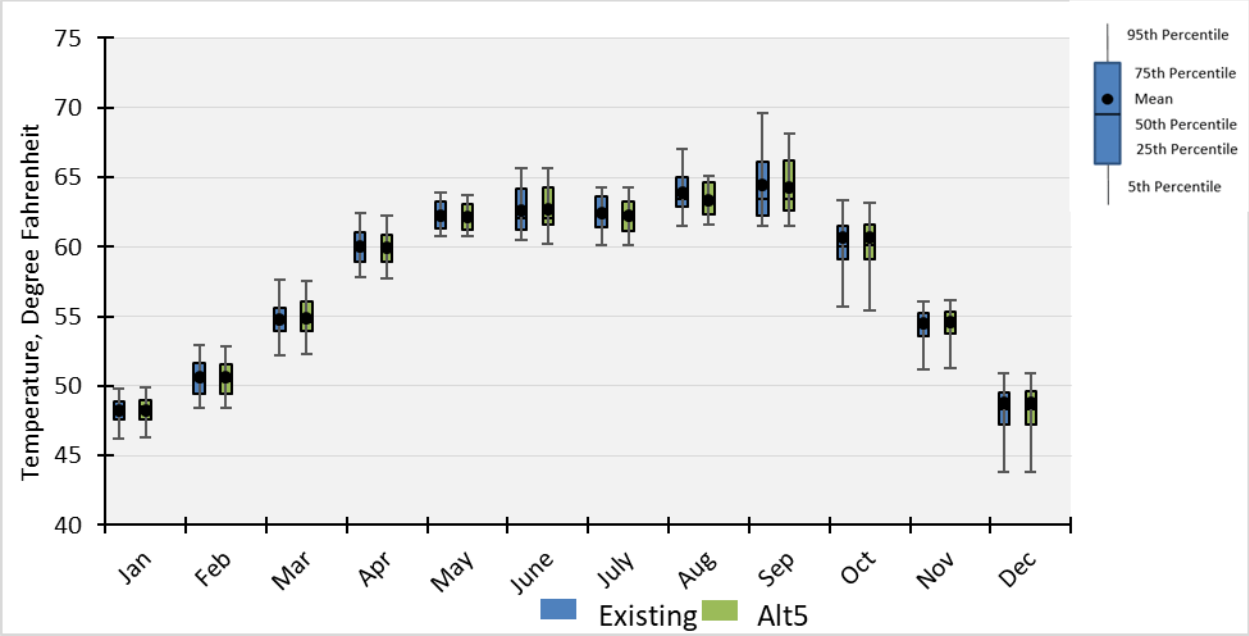
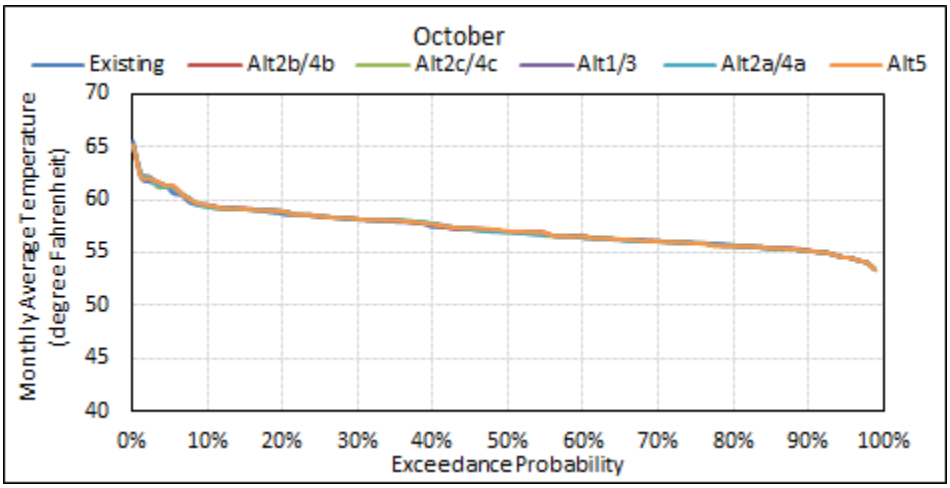
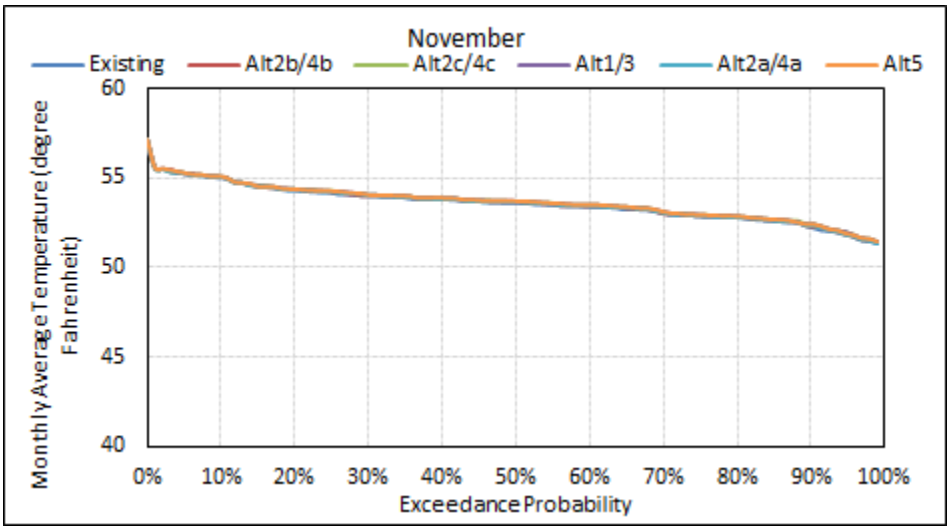


Figure 5A-D1.25.37-A. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





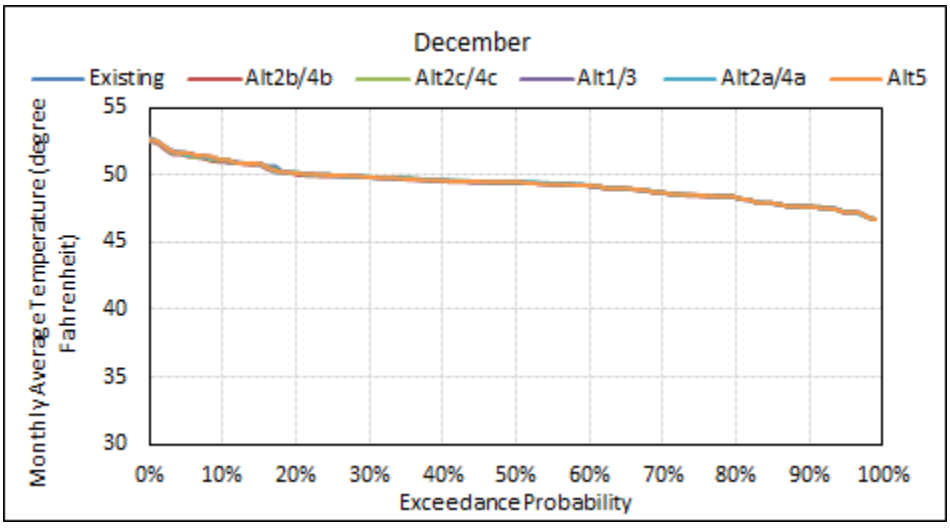
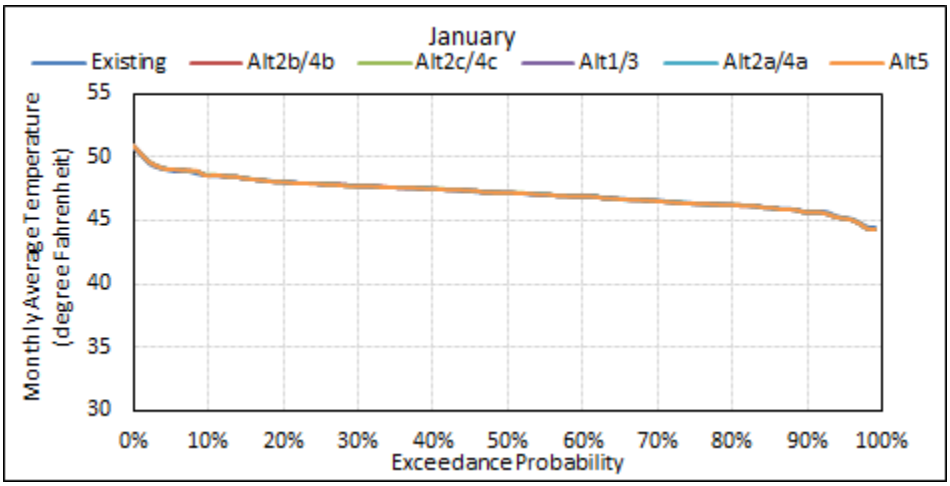
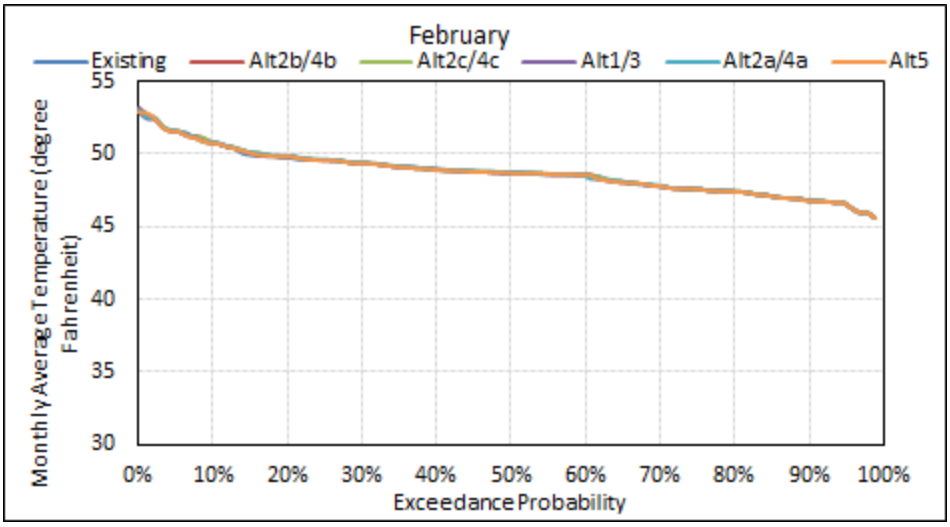


Figure 5A-D1.25.37-B. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





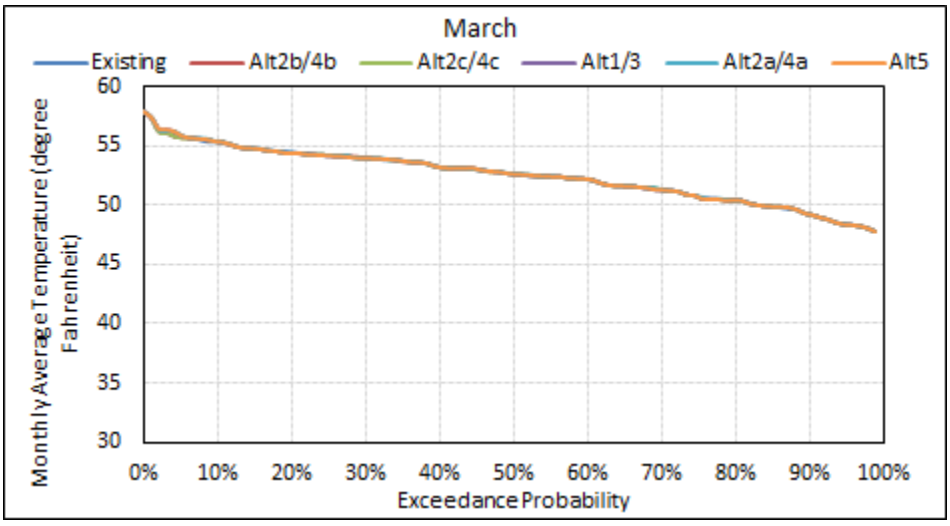
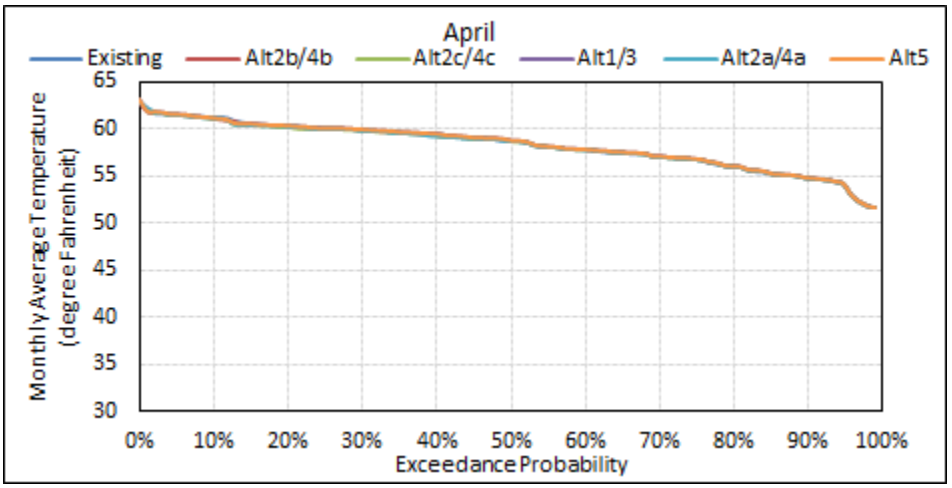
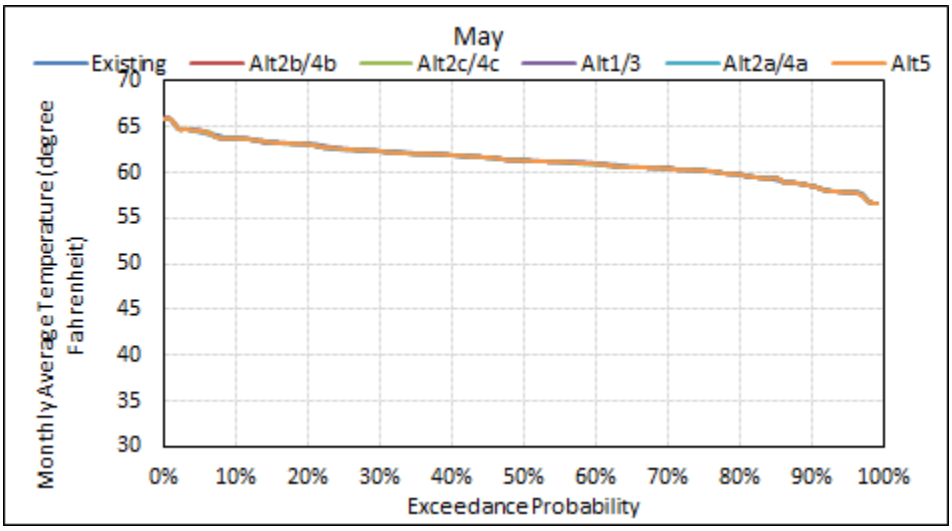


Figure 5A-D1.25.37-C. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





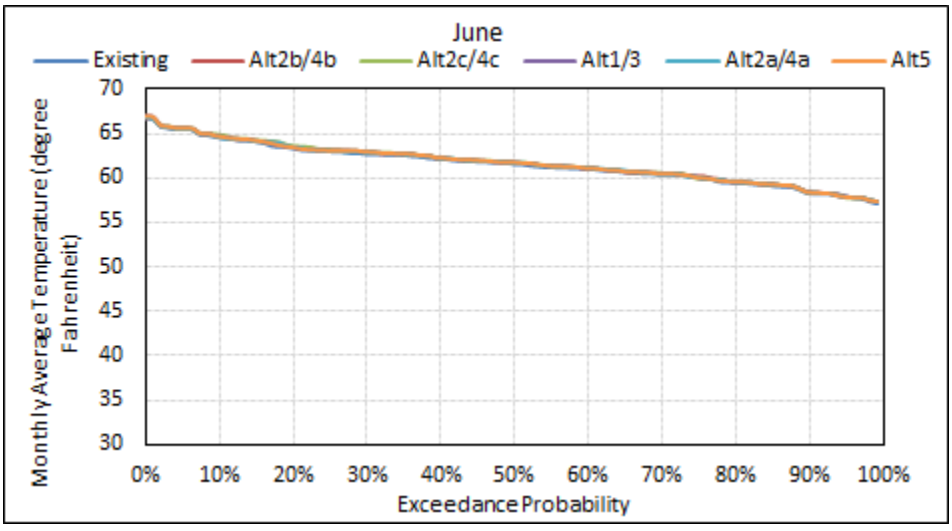
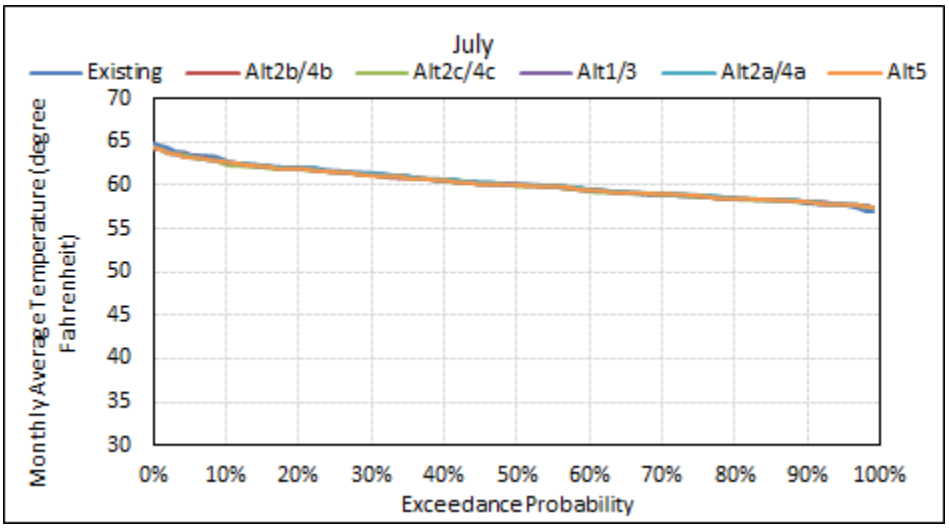
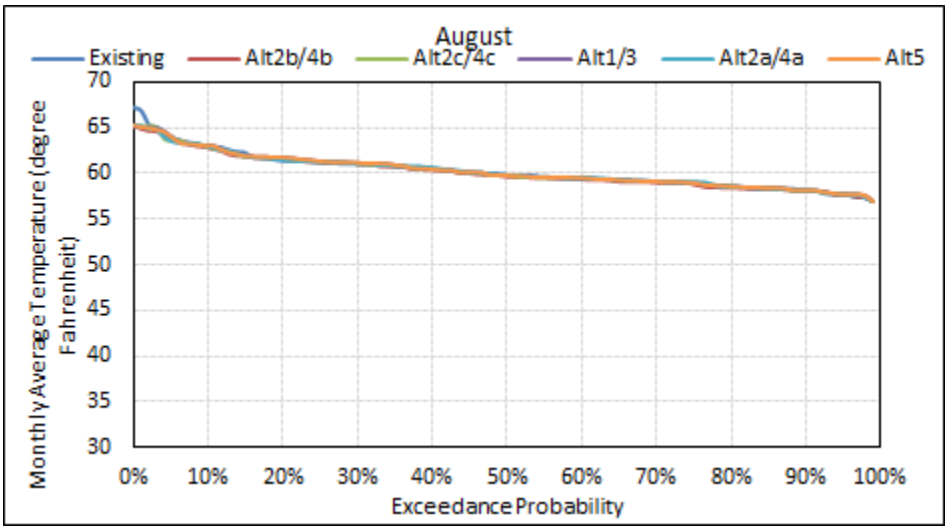


Figure 5A-D1.25.37-D. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





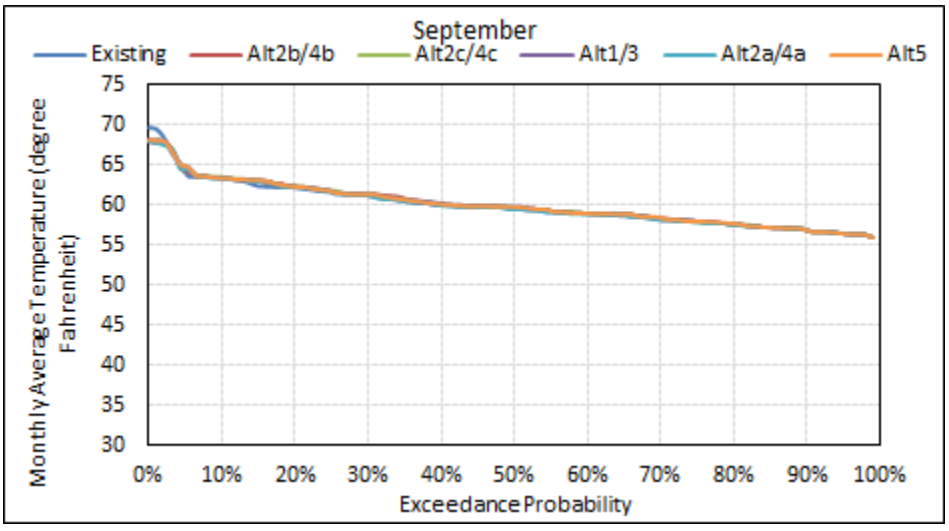


Figure 5A-D1.25.38. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

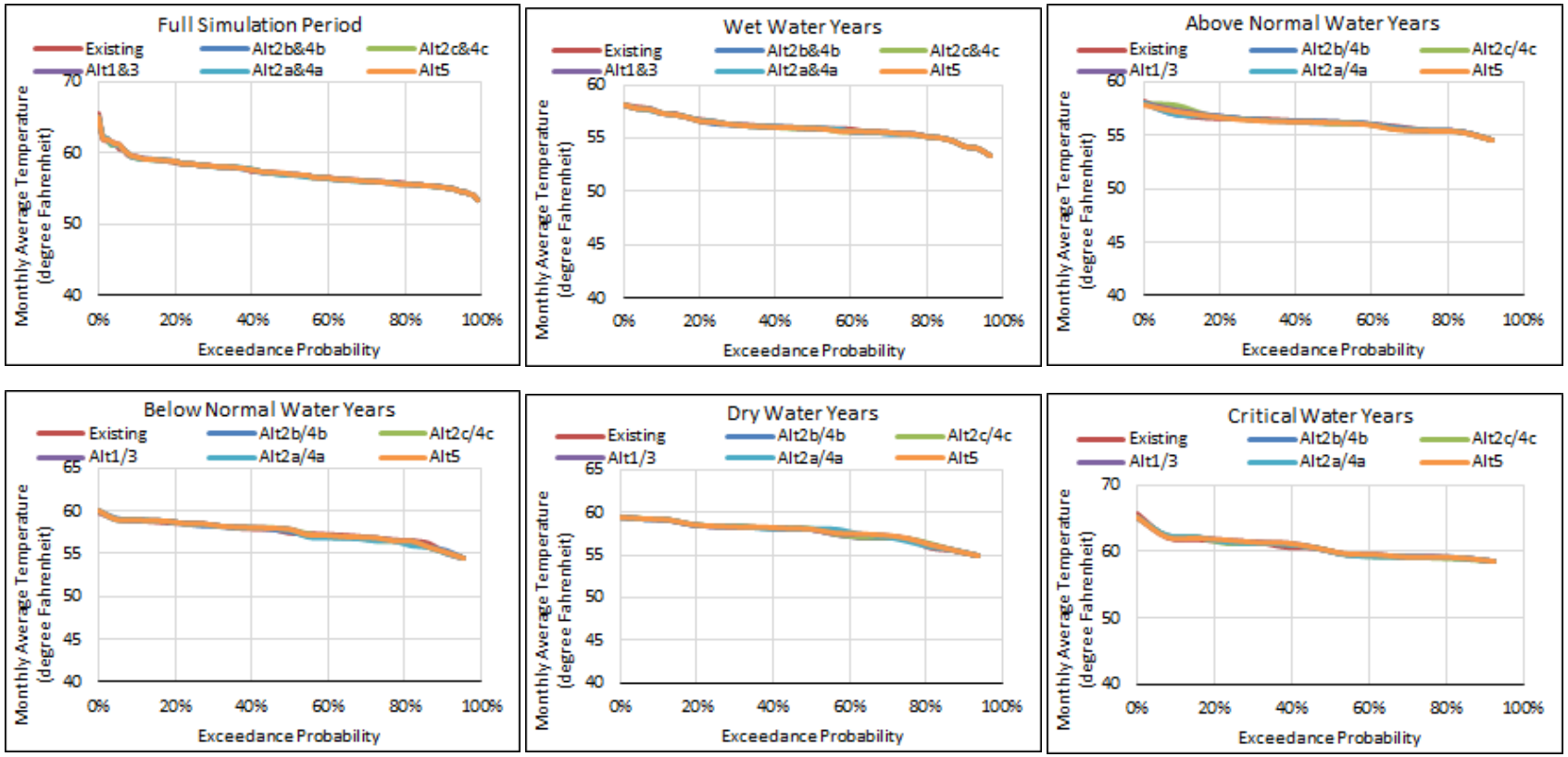


Figure 5A-D1.25.39. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

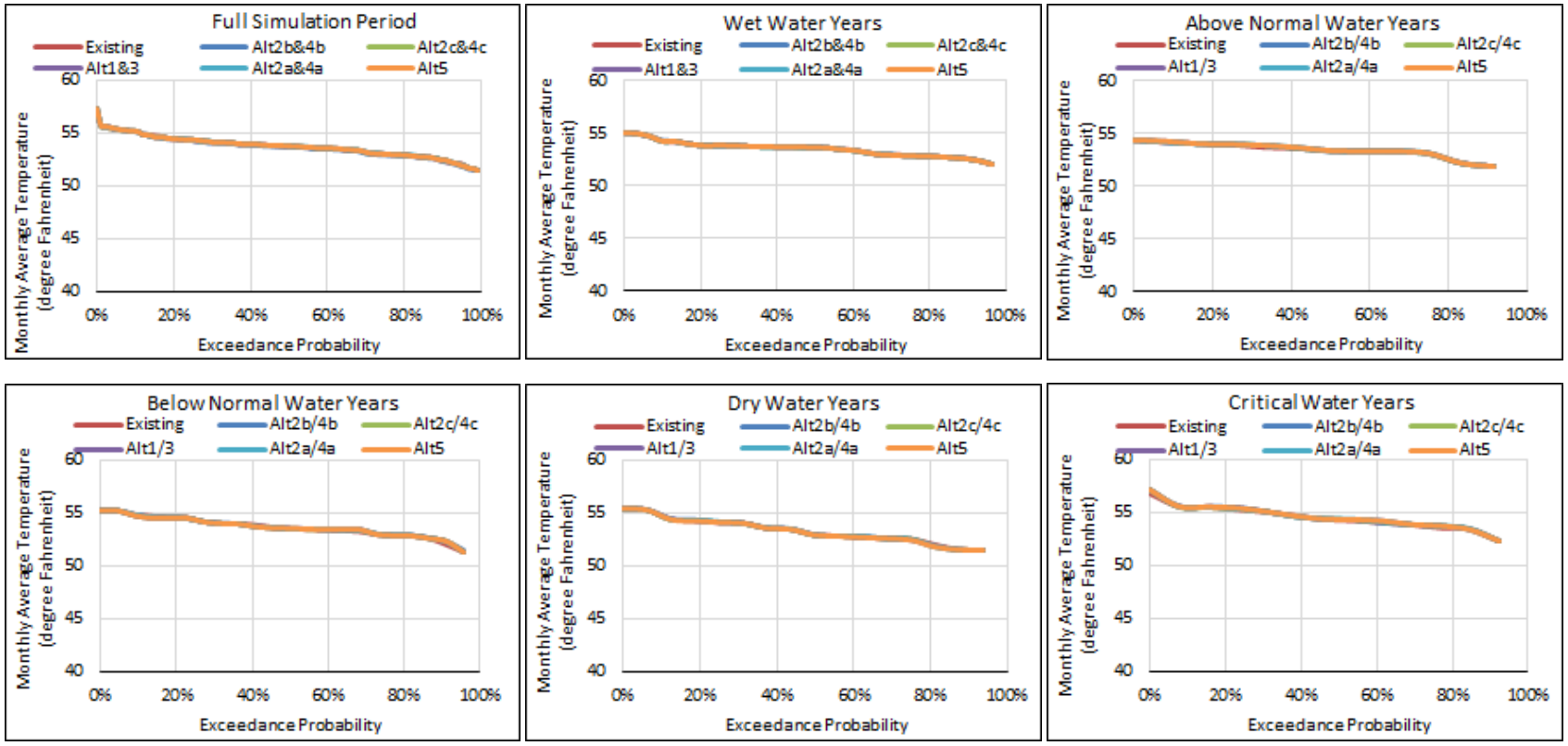


Figure 5A-D1.25.40. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

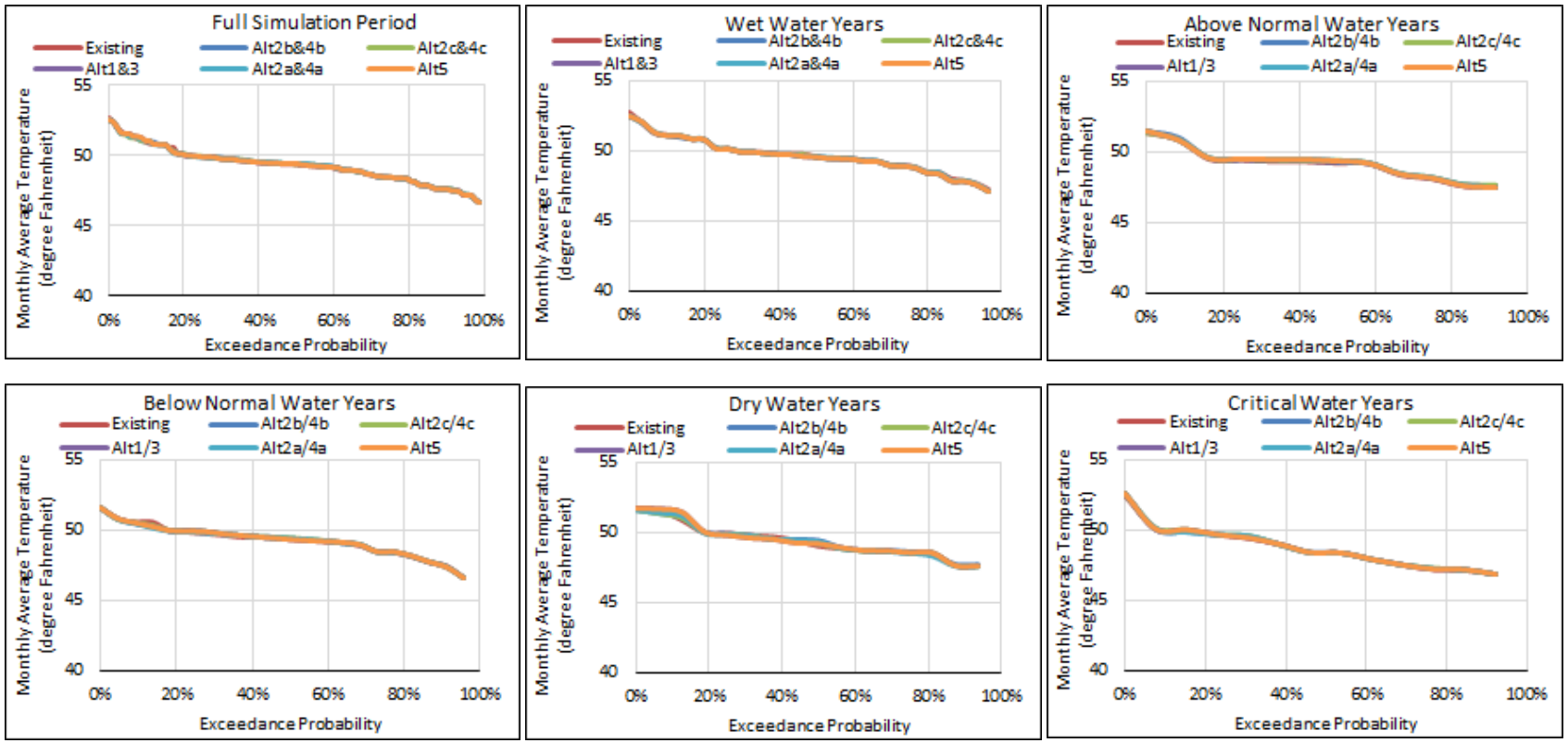


Figure 5A-D1.25.41. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

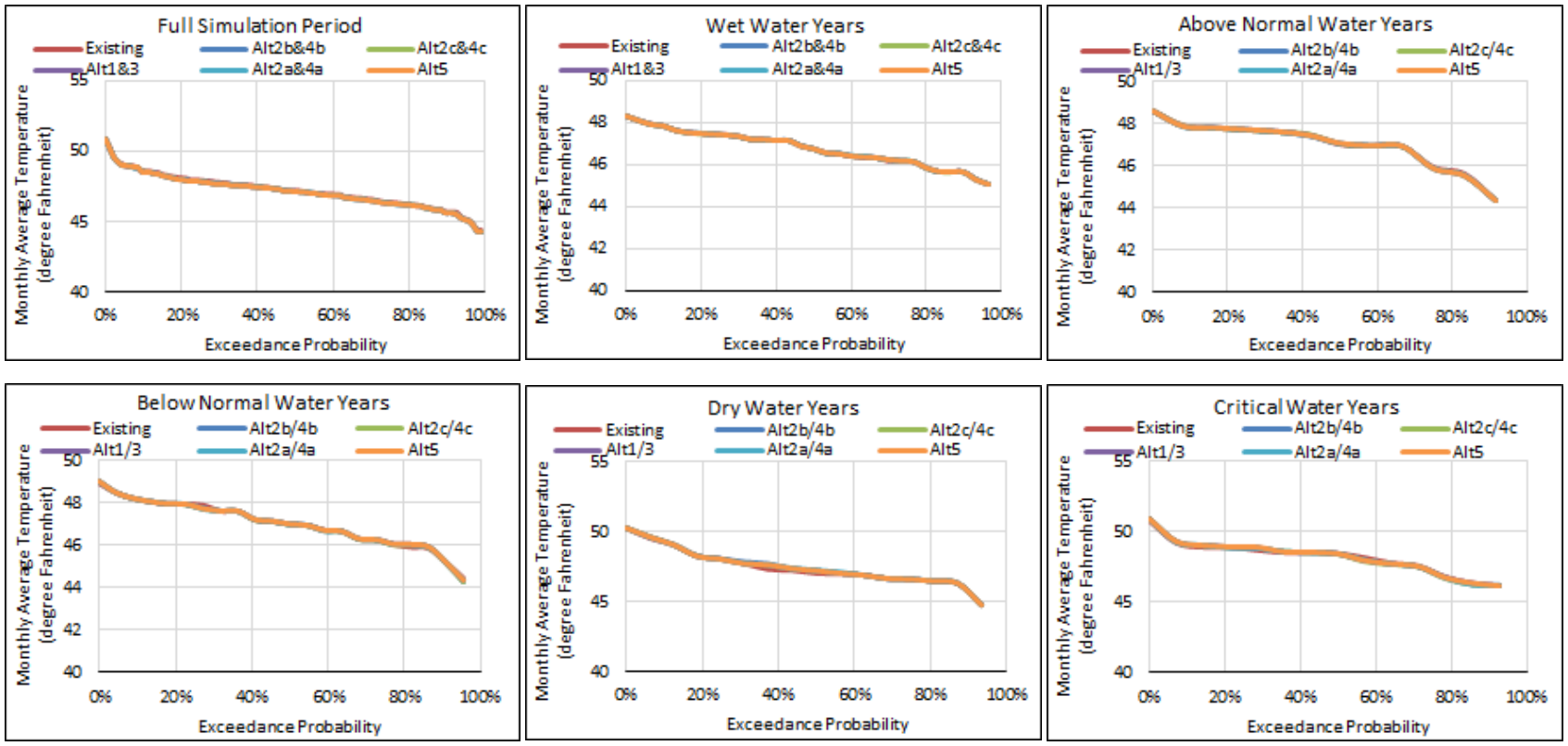


Figure 5A-D1.25.42. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

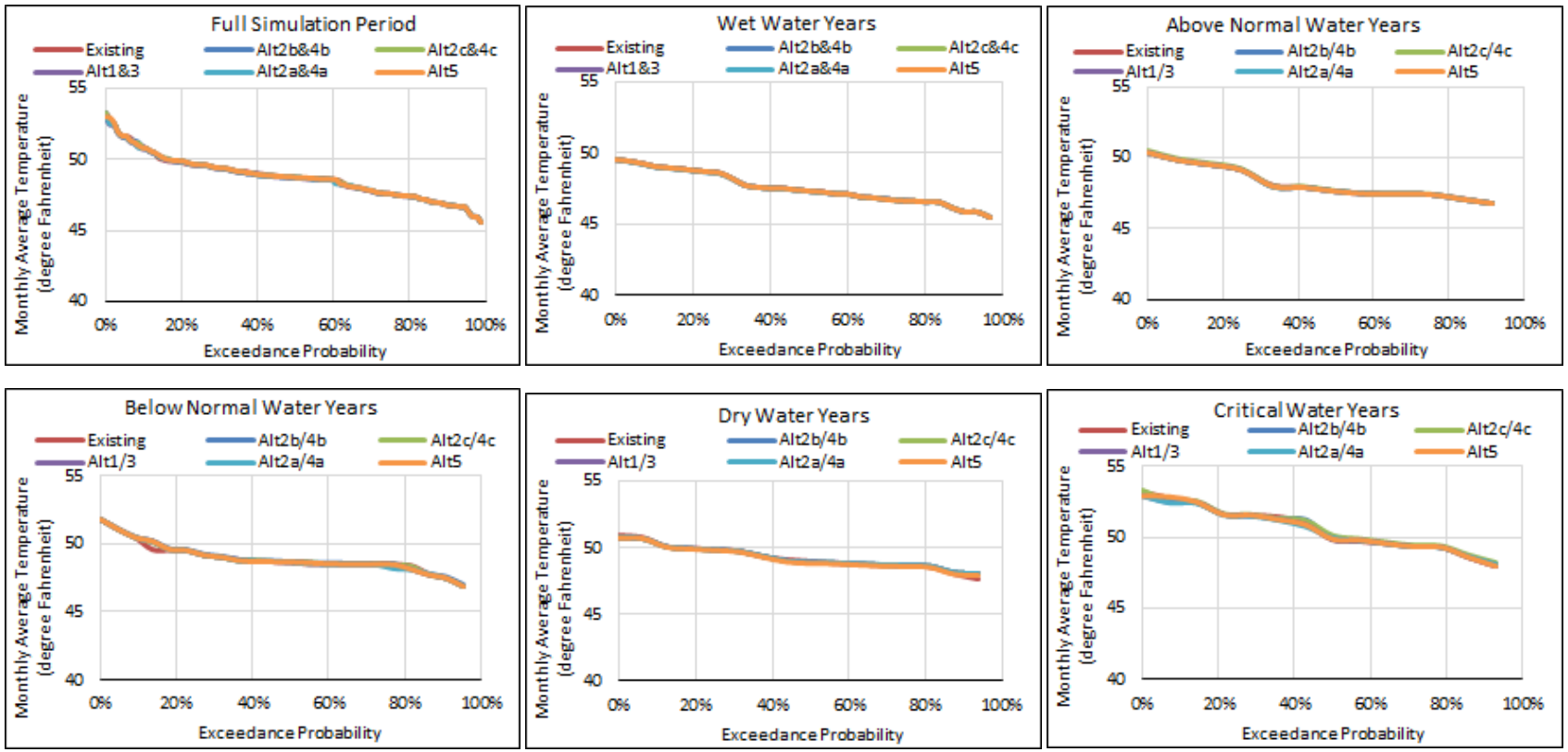


Figure 5A-D1.25.43. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

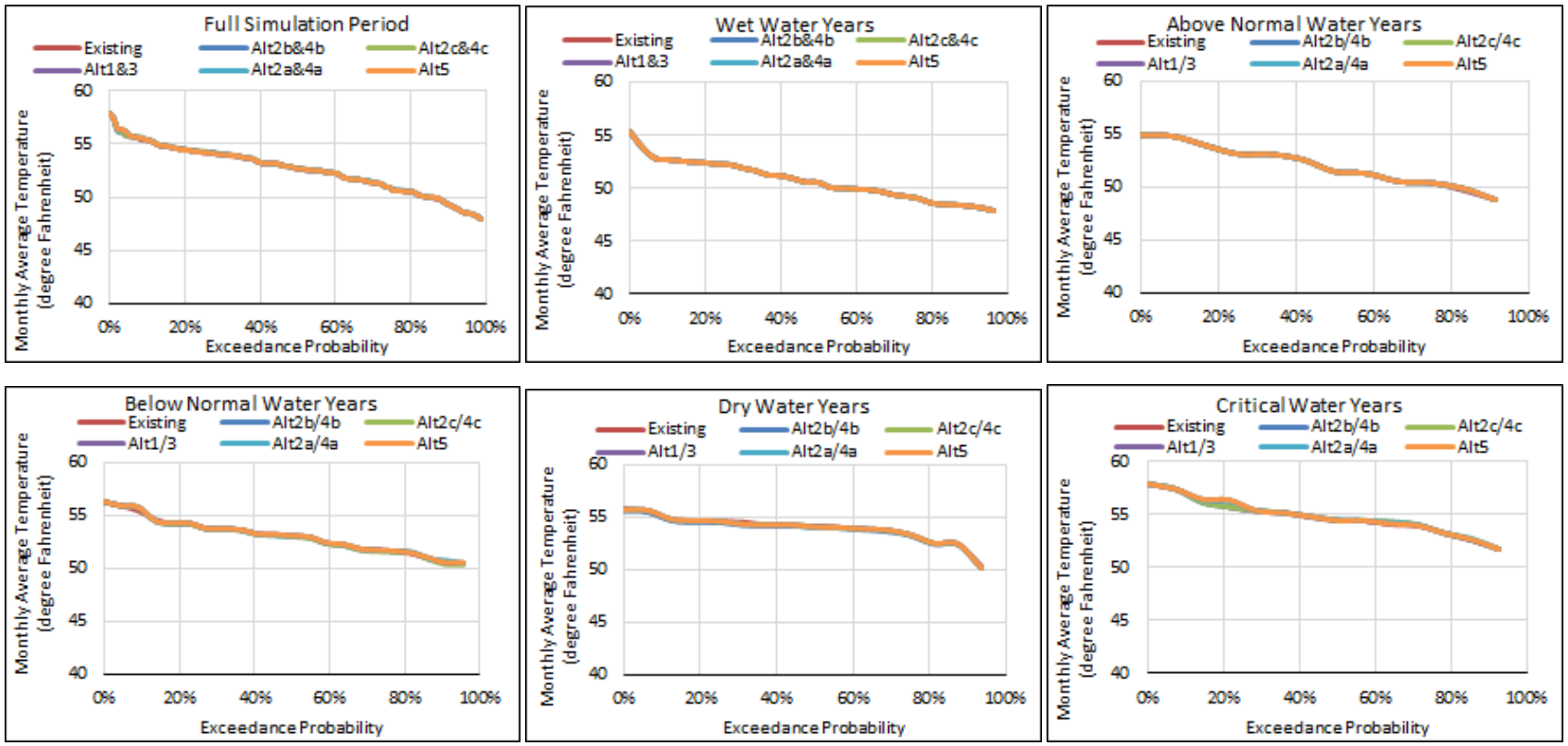


Figure 5A-D1.25.44. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

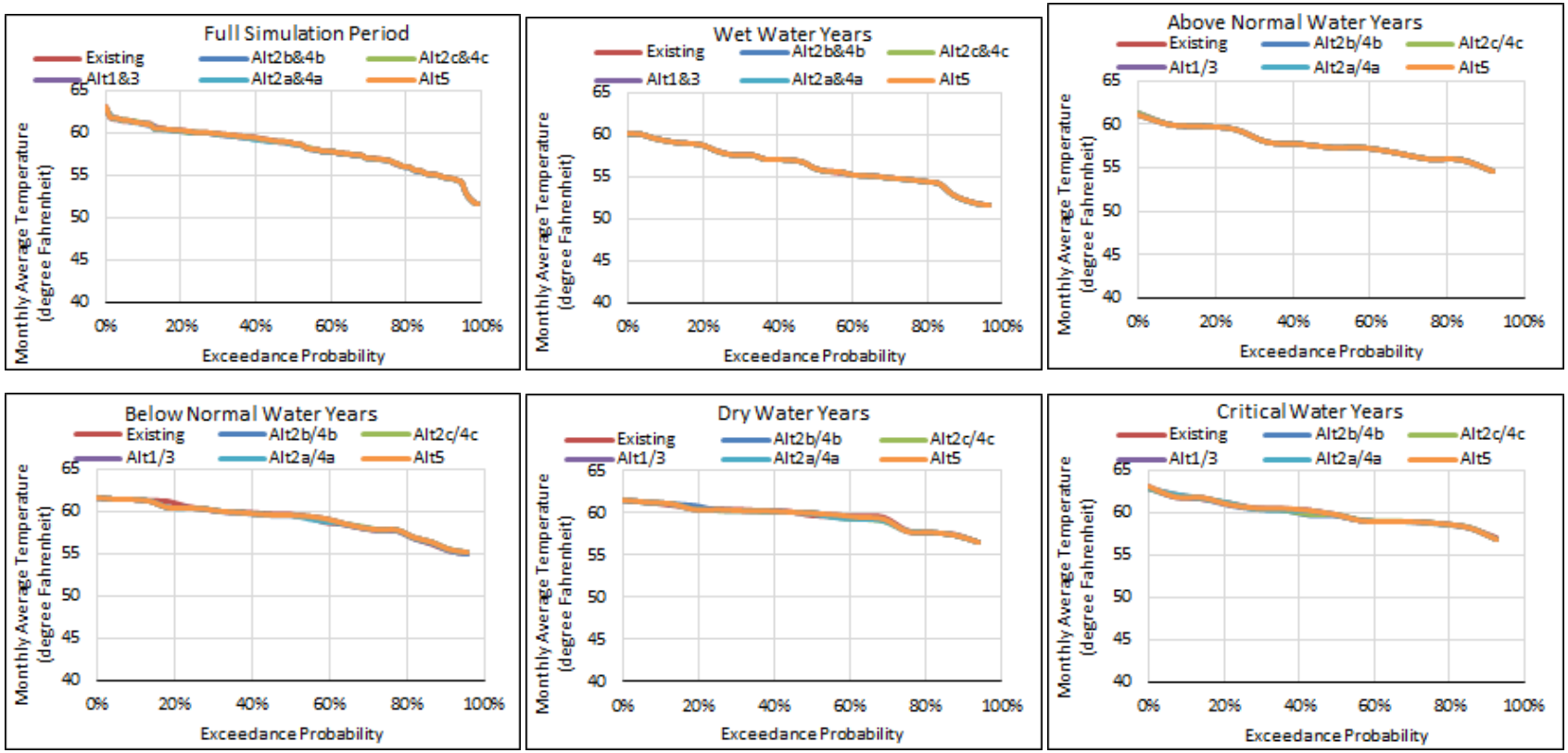


Figure 5A-D1.25.45. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

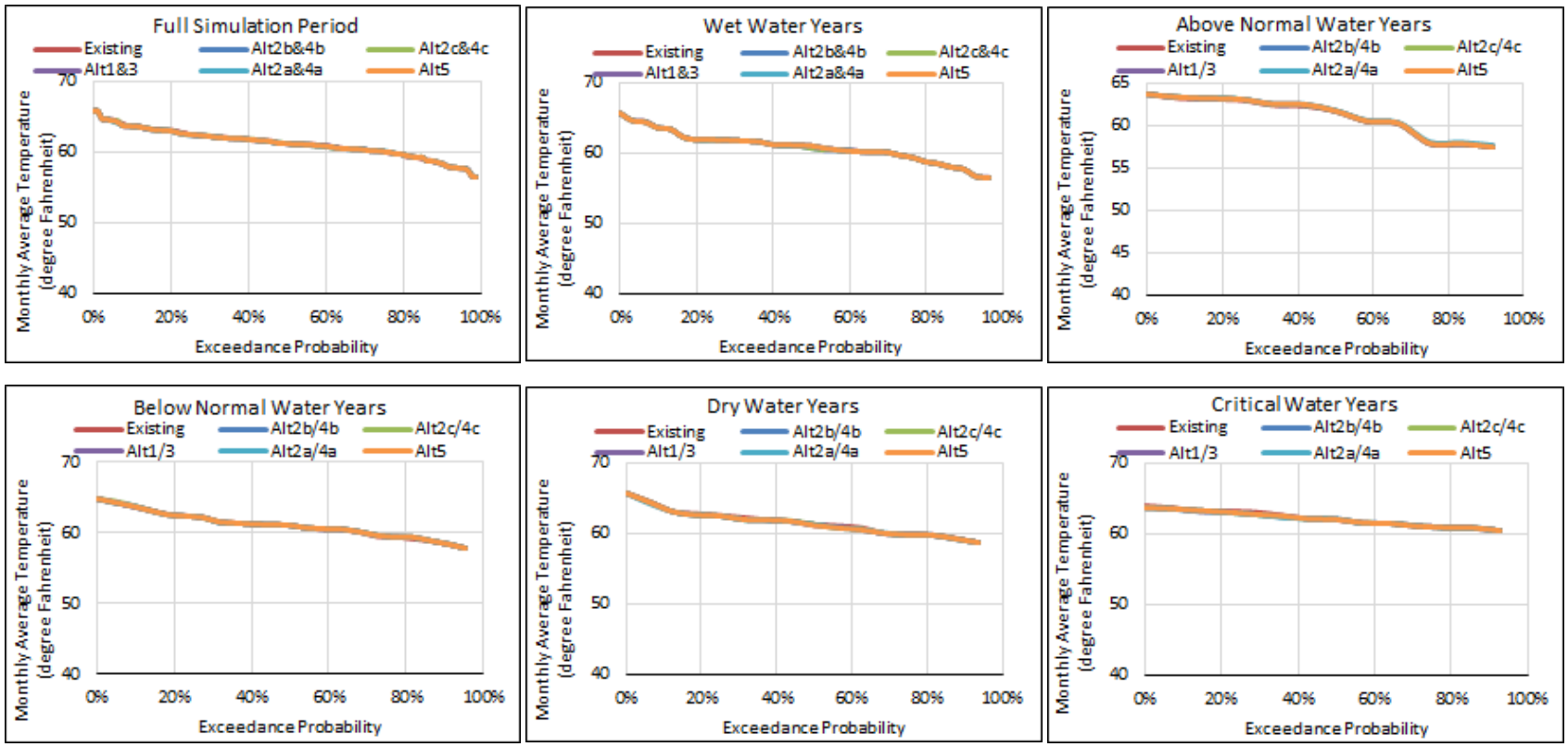


Figure 5A-D1.25.46. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

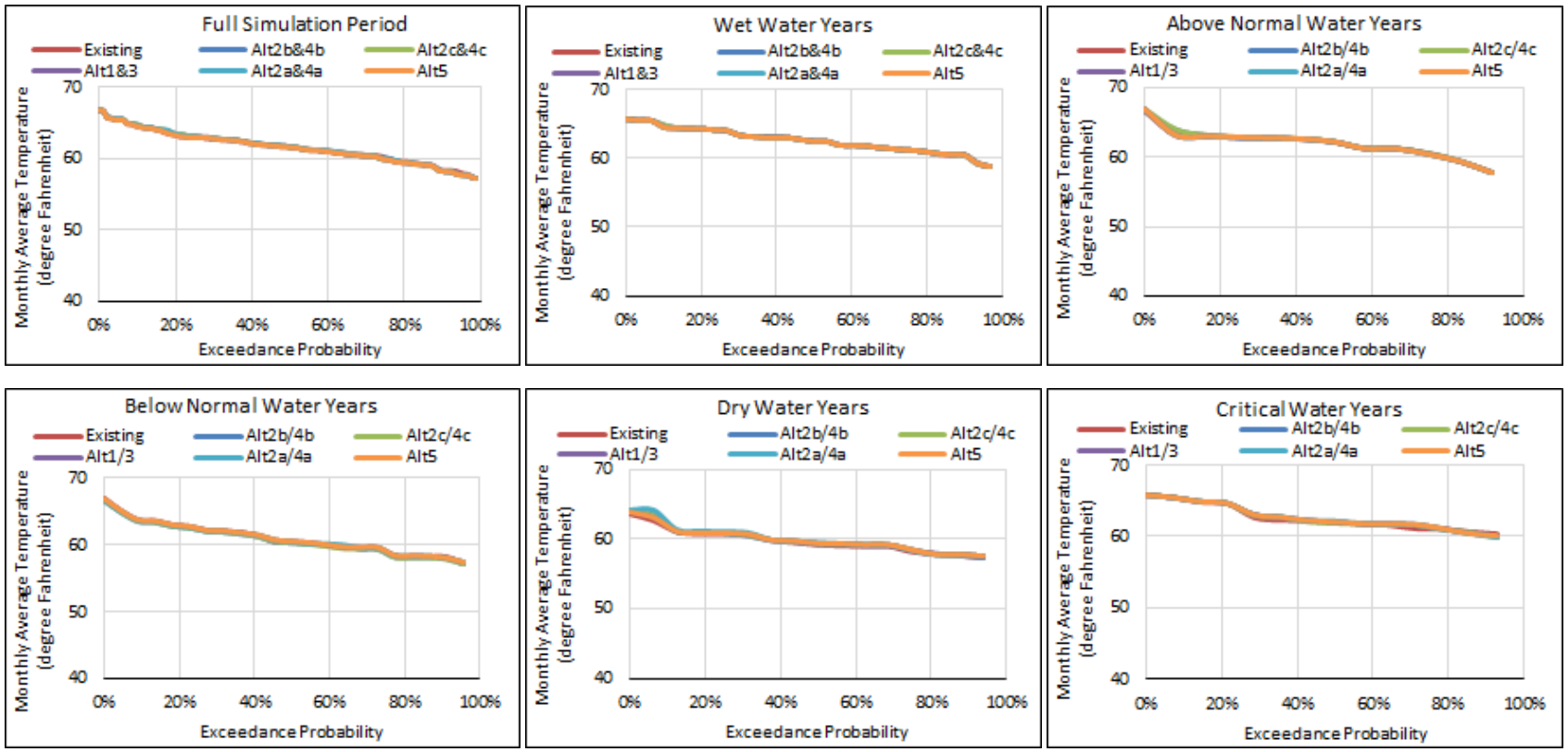


Figure 5A-D1.25.47. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

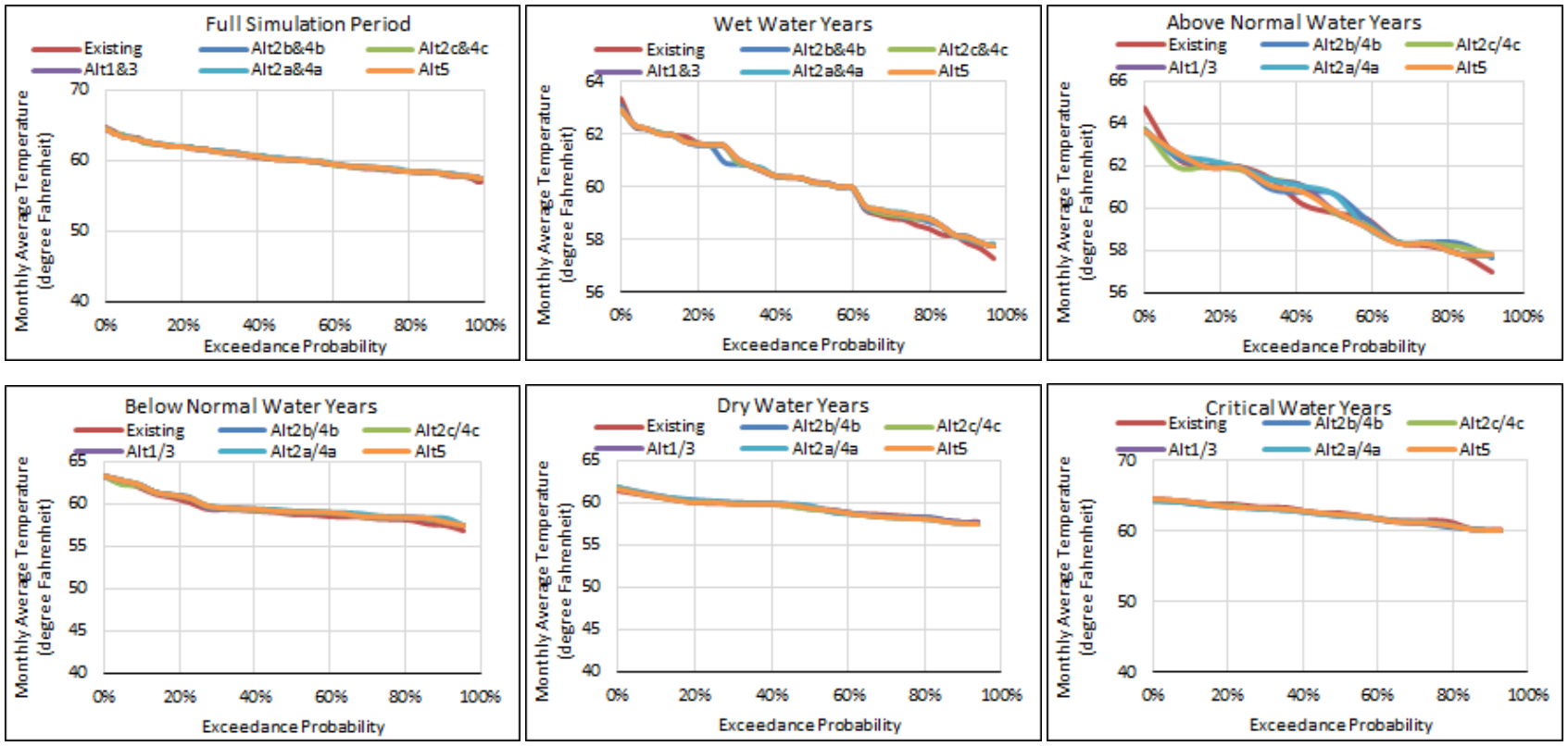


Figure 5A-D1.25.48. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

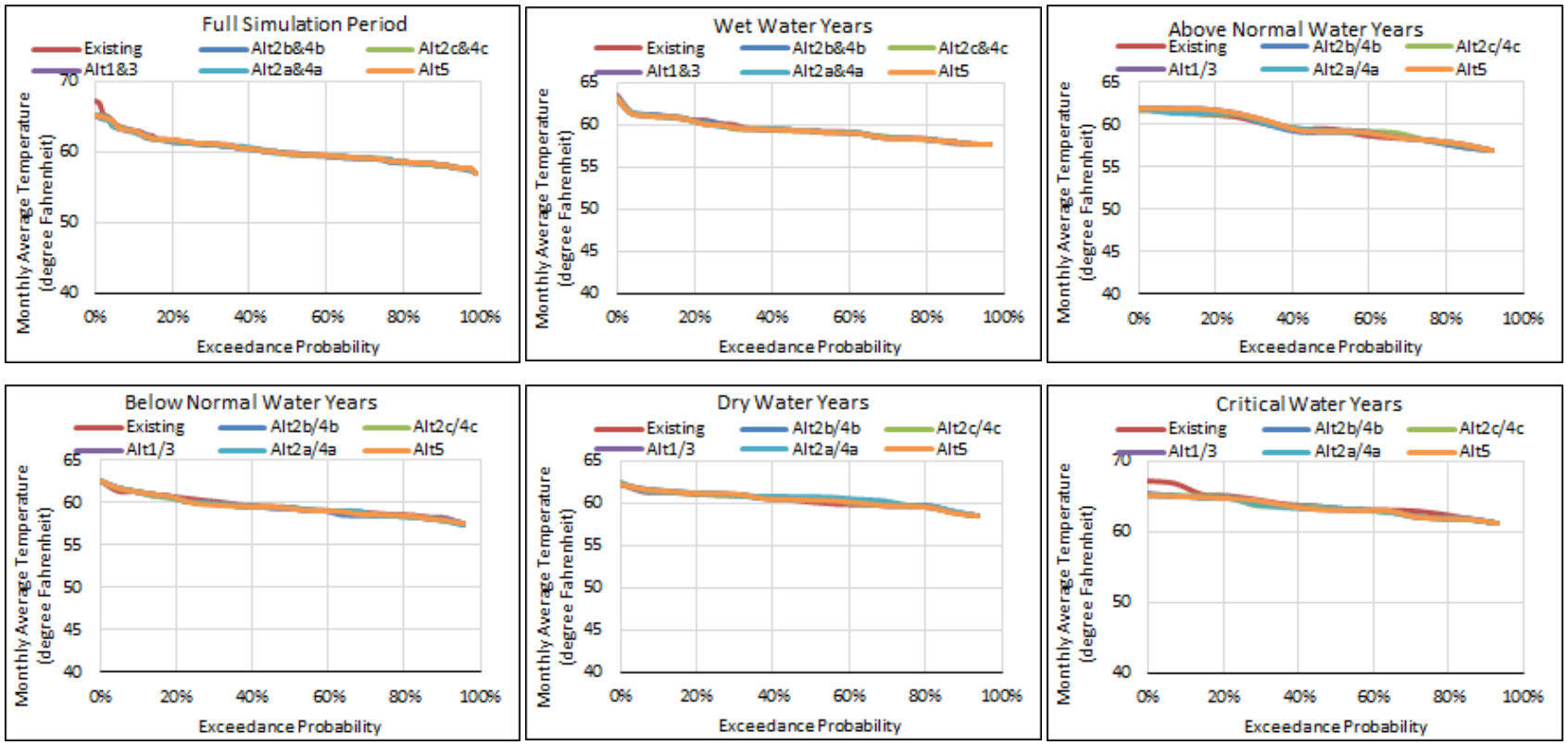
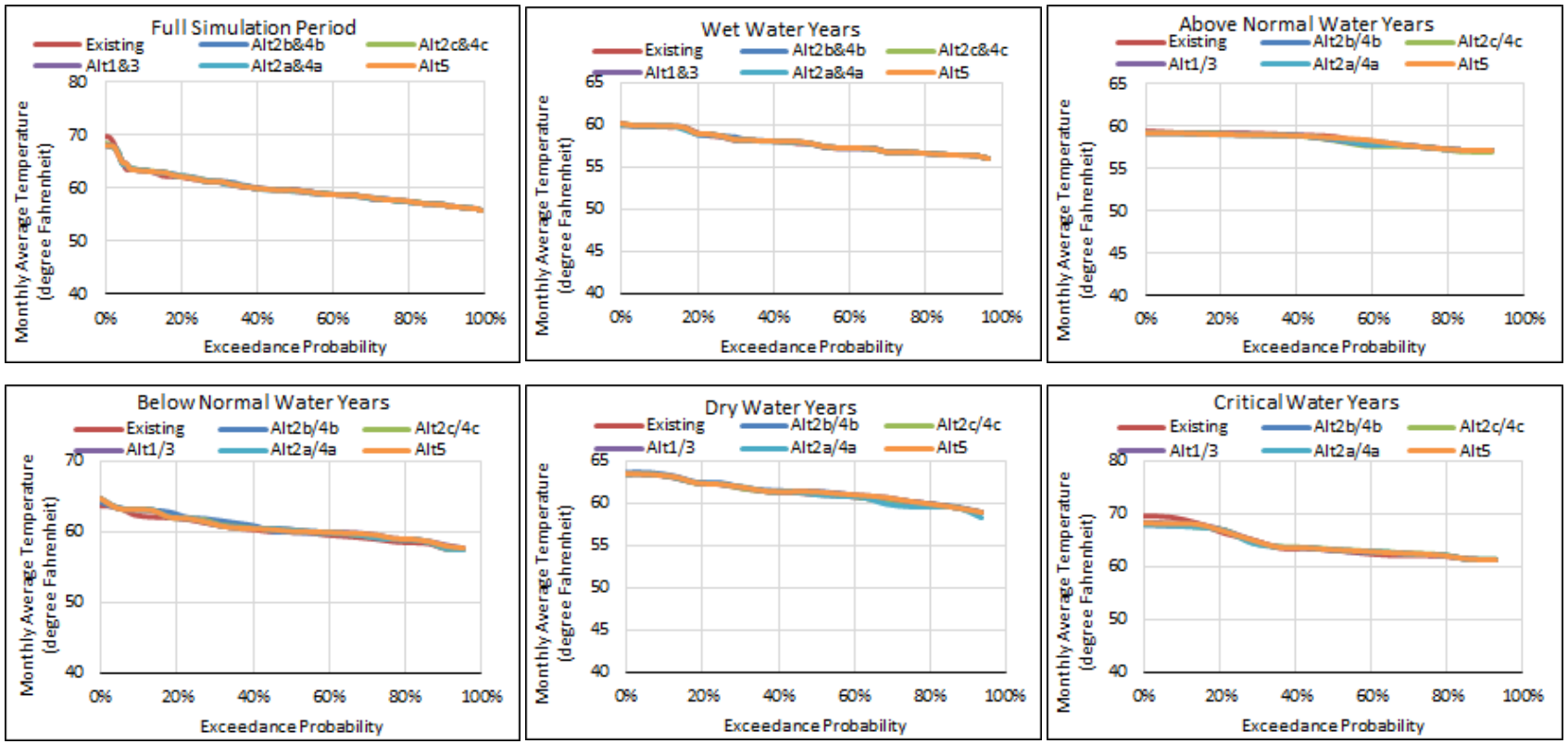


Figure 5A-D1.25.49. Sacramento River at TCID, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.26 Sacramento River at Woodson Bridge

Table 5A-D1.26.1-A. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.2	55.0	51.0	48.5	50.6	55.0	60.8	63.2	64.1	62.1	62.3	62.8
20%	58.3	54.3	50.1	48.0	49.6	54.2	59.9	62.5	62.8	61.3	60.8	61.6
30%	57.8	54.0	49.8	47.8	49.2	53.7	59.5	61.8	62.2	60.7	60.4	60.7
40%	57.3	53.8	49.6	47.5	48.8	53.1	59.0	61.4	61.7	59.8	59.9	59.4
50%	56.7	53.6	49.4	47.1	48.6	52.5	58.4	60.8	61.1	59.5	59.3	59.1
60%	56.2	53.4	49.1	46.9	48.4	52.0	57.5	60.5	60.5	58.9	59.0	58.5
70%	55.8	53.1	48.7	46.5	47.7	51.1	56.8	60.0	59.9	58.3	58.6	57.8
80%	55.5	52.8	48.3	46.2	47.3	50.4	55.8	59.3	58.9	57.9	58.2	57.1
90%	54.9	52.4	47.6	45.7	46.8	49.4	54.7	58.2	58.0	57.4	57.7	56.6

Table 5A-D1.26.1-B. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.0	53.6	49.4	47.2	48.6	52.4	57.9	60.8	61.1	59.6	59.7	59.5
Wet Water Years	55.7	53.5	49.7	46.8	47.5	50.6	56.0	60.6	62.0	59.6	58.9	57.4
Above Normal Water Years	55.9	53.3	49.2	47.0	48.1	51.9	57.6	60.7	61.4	59.6	58.9	57.9
Below Normal Water Years	57.2	53.6	49.3	47.0	48.9	52.8	58.8	60.6	60.4	58.8	59.1	59.7
Dry Water Years	57.3	53.2	49.4	47.4	49.1	53.7	59.1	61.1	59.3	58.9	59.8	60.7
Critical Water Years	60.3	54.4	48.7	48.1	50.4	54.5	59.6	61.7	62.0	61.8	63.2	64.0

Table 5A-D1.26.1-C. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.0	55.0	51.1	48.6	50.6	55.0	60.7	63.1	64.2	61.9	62.3	62.8
20%	58.5	54.3	50.1	48.0	49.7	54.1	59.8	62.5	62.8	61.3	61.1	61.9
30%	57.8	54.0	49.9	47.7	49.2	53.7	59.5	61.8	62.3	60.6	60.6	60.8
40%	57.3	53.8	49.5	47.5	48.8	53.1	59.0	61.4	61.7	60.0	59.8	59.6
50%	56.7	53.6	49.4	47.2	48.6	52.5	58.4	60.8	61.2	59.6	59.2	59.2
60%	56.1	53.4	49.2	46.9	48.4	52.0	57.5	60.4	60.6	58.9	58.9	58.5
70%	55.8	53.1	48.7	46.5	47.7	51.2	56.8	59.9	59.9	58.4	58.5	58.0
80%	55.4	52.7	48.3	46.2	47.3	50.4	55.8	59.4	59.0	57.9	57.9	57.2
90%	55.1	52.4	47.6	45.7	46.8	49.4	54.7	58.3	58.1	57.7	57.7	56.6

Table 5A-D1.26.1-D. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.0	53.6	49.3	47.2	48.6	52.4	57.9	60.8	61.1	59.7	59.6	59.6
Wet Water Years	55.6	53.5	49.7	46.8	47.5	50.6	56.0	60.5	62.0	59.6	58.9	57.4
Above Normal Water Years	55.9	53.4	49.2	47.0	48.1	51.9	57.6	60.7	61.4	59.7	59.0	57.9
Below Normal Water Years	57.3	53.6	49.3	47.0	48.9	52.8	58.8	60.6	60.4	59.0	58.9	60.1
Dry Water Years	57.3	53.2	49.4	47.5	49.1	53.6	59.1	61.1	59.3	58.8	59.8	60.8
Critical Water Years	60.3	54.5	48.8	48.2	50.4	54.5	59.4	61.6	62.2	61.7	62.7	63.7

Table 5A-D1.26.1-E. Sacramento River at Woodson Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.2	-0.2	-0.1	0.0
20%	0.2	0.0	0.0	0.0	0.1	-0.1	-0.1	0.0	0.1	0.0	0.3	0.2
30%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.2	0.2	0.1
40%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.2
50%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.1
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.1
70%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.2	-0.1	0.1
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1
90%	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	-0.1	0.0

Table 5A-D1.26.1-F. Sacramento River at Woodson Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	-0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.1
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.5	-0.3

Table 5A-D1.26.1-G. Sacramento River at Woodson Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.2%	-0.2%	0.2%	-0.3%	-0.1%	0.0%
20%	0.3%	0.0%	-0.1%	-0.1%	0.2%	-0.2%	-0.2%	0.0%	0.1%	-0.1%	0.5%	0.4%
30%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.1%	-0.1%	0.0%	0.2%	-0.3%	0.3%	0.1%
40%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.2%	0.3%
50%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.2%	0.1%
60%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.1%	-0.2%	0.1%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.3%	-0.1%	0.3%
80%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.4%	0.1%
90%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%	-0.1%	0.0%

Table 5A-D1.26.1-H. Sacramento River at Woodson Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	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	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.3%	0.7%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Critical Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.2%	-0.1%	-0.8%	-0.5%

Table 5A-D1.26.2-A. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	58.9	55.0	51.1	48.6	50.6	55.0	60.7	63.2	64.2	61.9	62.2	62.8
20%	58.5	54.3	50.2	48.0	49.7	54.1	59.8	62.5	62.9	61.2	61.0	61.7
30%	57.8	54.0	49.9	47.7	49.2	53.7	59.5	61.7	62.3	60.7	60.4	60.8
40%	57.5	53.8	49.6	47.5	48.8	53.1	59.0	61.4	61.7	60.0	59.9	59.6
50%	56.7	53.6	49.5	47.1	48.6	52.5	58.4	60.8	61.1	59.5	59.2	59.2
60%	56.2	53.4	49.2	46.9	48.4	52.0	57.5	60.3	60.6	58.8	58.9	58.5
70%	55.8	53.1	48.7	46.5	47.7	51.3	56.8	60.0	59.9	58.5	58.6	57.8
80%	55.3	52.7	48.3	46.2	47.3	50.3	55.8	59.4	59.0	57.9	58.1	57.2
90%	55.0	52.4	47.6	45.7	46.8	49.4	54.7	58.3	58.0	57.6	57.6	56.6

Table 5A-D1.26.2-B. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.0	53.6	49.3	47.2	48.6	52.4	57.9	60.8	61.1	59.7	59.7	59.6
Wet Water Years	55.6	53.5	49.7	46.8	47.5	50.6	56.0	60.5	62.0	59.6	58.9	57.4
Above Normal Water Years	55.9	53.4	49.2	47.0	48.1	51.9	57.6	60.7	61.4	59.7	59.1	57.8
Below Normal Water Years	57.3	53.6	49.3	47.0	48.9	52.8	58.8	60.6	60.4	59.0	58.9	60.1
Dry Water Years	57.3	53.2	49.4	47.5	49.1	53.6	59.1	61.1	59.3	58.8	59.8	60.7
Critical Water Years	60.3	54.5	48.8	48.2	50.4	54.5	59.4	61.7	62.1	61.7	62.7	63.7

Table 5A-D1.26.2-C. Sacramento River at Woodson Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3	0.0	0.1	0.1	0.0	0.0	-0.1	-0.1	0.2	-0.2	-0.1	0.0
20%	0.2	0.0	0.1	0.0	0.1	-0.1	-0.1	0.0	0.1	-0.1	0.2	0.1
30%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0
40%	0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.2
50%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
60%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.2	0.1	0.0	-0.1	0.0
70%	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.2	0.0	0.0
80%	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	-0.1	0.0

Table 5A-D1.26.2-D. Sacramento River at Woodson Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	-0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.2	0.4
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.1	0.0	0.0	0.0
Critical Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	-0.1	-0.5	-0.3

Table 5A-D1.26.2-E. Sacramento River at Woodson Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	0.0%	0.1%	0.1%	-0.1%	0.0%	-0.2%	-0.1%	0.2%	-0.3%	-0.2%	0.0%
20%	0.3%	0.0%	0.1%	-0.1%	0.2%	-0.2%	-0.2%	0.0%	0.1%	-0.1%	0.3%	0.2%
30%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.1%	0.1%	0.0%
40%	0.4%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	-0.1%	0.3%	-0.1%	0.3%
50%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.2%
60%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.2%	-0.1%	-0.1%	0.0%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%	0.3%	0.0%	0.0%
80%	-0.3%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.3%	-0.1%	0.0%

Table 5A-D1.26.2-F. Sacramento River at Woodson Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.2%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.3%	-0.3%	0.6%
Dry Water Years	0.1%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%
Critical Water Years	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.1%	-0.2%	-0.8%	-0.4%

Table 5A-D1.26.3-A. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.2	55.0	51.1	48.5	50.5	55.0	60.7	63.2	64.1	62.0	62.3	62.8
20%	58.5	54.3	50.2	48.0	49.7	54.1	59.9	62.5	62.7	61.3	61.0	61.7
30%	57.9	54.0	49.8	47.7	49.2	53.7	59.5	61.8	62.3	60.7	60.5	60.8
40%	57.4	53.8	49.5	47.5	48.8	53.1	59.0	61.4	61.7	60.0	59.8	59.8
50%	56.7	53.6	49.4	47.1	48.6	52.5	58.4	60.8	61.1	59.5	59.2	59.2
60%	56.2	53.4	49.1	46.9	48.4	52.0	57.5	60.5	60.6	58.9	58.9	58.4
70%	55.8	53.1	48.7	46.5	47.7	51.1	56.8	60.0	59.8	58.5	58.6	57.8
80%	55.3	52.7	48.3	46.2	47.3	50.3	55.8	59.4	58.9	57.9	58.0	57.2
90%	55.0	52.4	47.6	45.7	46.8	49.4	54.7	58.3	58.0	57.6	57.6	56.6

Table 5A-D1.26.3-B. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.0	53.6	49.3	47.2	48.6	52.4	57.9	60.8	61.1	59.7	59.7	59.6
Wet Water Years	55.7	53.5	49.7	46.8	47.5	50.6	56.0	60.6	62.0	59.6	58.9	57.4
Above Normal Water Years	55.9	53.4	49.2	47.0	48.1	51.9	57.6	60.7	61.4	59.7	59.0	57.8
Below Normal Water Years	57.3	53.6	49.3	47.0	48.9	52.8	58.8	60.6	60.3	59.1	59.0	60.1
Dry Water Years	57.4	53.2	49.4	47.5	49.1	53.6	59.1	61.1	59.3	58.9	59.8	60.8
Critical Water Years	60.4	54.5	48.8	48.2	50.4	54.5	59.5	61.7	62.1	61.6	62.8	63.8

Table 5A-D1.26.3-C. Sacramento River at Woodson Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0	-0.1
20%	0.2	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.3	0.1
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1	0.0
40%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.3
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
80%	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.0

Table 5A-D1.26.3-D. Sacramento River at Woodson Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.4
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.26.3-E. Sacramento River at Woodson Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.2%	0.1%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%
20%	0.3%	0.1%	0.0%	-0.1%	0.2%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.4%	0.2%
30%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.1%	0.2%	0.1%
40%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.2%	0.6%
50%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.2%	0.2%
60%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%
70%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	-0.3%	0.2%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.3%	-0.1%	0.0%

Table 5A-D1.26.3-F. Sacramento River at Woodson Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.2%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.7%	-0.3%

Table 5A-D1.26.4-A. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	58.9	55.0	51.1	48.6	50.5	55.0	60.7	63.2	64.1	62.0	62.3	62.8
20%	58.5	54.3	50.1	48.0	49.7	54.1	59.9	62.5	62.9	61.3	60.8	61.7
30%	57.8	54.0	49.8	47.7	49.2	53.7	59.5	61.7	62.3	60.7	60.5	60.8
40%	57.6	53.8	49.6	47.5	48.8	53.1	58.8	61.4	61.7	60.1	60.1	59.5
50%	56.6	53.6	49.5	47.2	48.6	52.5	58.4	60.8	61.2	59.6	59.2	59.0
60%	56.1	53.4	49.2	46.9	48.4	52.0	57.5	60.4	60.6	59.0	58.9	58.4
70%	55.8	53.1	48.7	46.5	47.7	51.3	56.8	60.0	59.8	58.5	58.6	57.8
80%	55.3	52.7	48.3	46.2	47.3	50.4	55.8	59.4	59.0	58.0	58.0	57.2
90%	54.9	52.4	47.6	45.7	46.8	49.4	54.7	58.3	58.0	57.7	57.6	56.6

Table 5A-D1.26.4-B. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.0	53.6	49.3	47.2	48.6	52.4	57.9	60.8	61.1	59.7	59.6	59.5
Wet Water Years	55.7	53.5	49.6	46.8	47.5	50.6	56.0	60.6	62.0	59.6	58.9	57.4
Above Normal Water Years	55.8	53.4	49.2	47.0	48.1	51.9	57.6	60.7	61.4	59.8	58.9	57.8
Below Normal Water Years	57.2	53.6	49.3	47.0	48.9	52.8	58.7	60.6	60.4	59.1	58.9	60.0
Dry Water Years	57.3	53.2	49.4	47.5	49.1	53.6	59.1	61.0	59.4	58.9	59.9	60.6
Critical Water Years	60.3	54.5	48.8	48.2	50.4	54.5	59.5	61.7	62.2	61.6	62.7	63.7

Table 5A-D1.26.4-C. Sacramento River at Woodson Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3	0.0	0.1	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.0
20%	0.2	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.1
30%	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.1	0.0
40%	0.3	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.3	0.1	0.0
50%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	-0.1
60%	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	-0.1
70%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0
80%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	-0.2	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	-0.1	0.0

Table 5A-D1.26.4-D. Sacramento River at Woodson Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Above Normal Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.3	-0.2	0.3
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.1	-0.2
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.1	0.0	-0.1	0.1	-0.1	-0.6	-0.3

Table 5A-D1.26.4-E. Sacramento River at Woodson Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	0.0%	0.2%	0.1%	-0.1%	0.0%	-0.2%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%
20%	0.3%	0.0%	0.0%	-0.1%	0.2%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.1%	0.2%
30%	0.0%	0.1%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.2%	0.0%	0.2%	0.0%
40%	0.6%	0.0%	0.1%	0.0%	-0.1%	0.0%	-0.4%	0.0%	0.0%	0.5%	0.2%	0.1%
50%	-0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	-0.2%	-0.2%
60%	-0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.2%	0.2%	-0.2%	-0.1%
70%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%
80%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	-0.3%	0.0%
90%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.4%	-0.1%	0.0%

Table 5A-D1.26.4-F. Sacramento River at Woodson Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.2%	-0.2%	0.0%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Above Normal Water Years	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	-0.2%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.5%	-0.3%	0.5%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.2%	0.2%	0.2%	-0.2%
Critical Water Years	0.0%	0.1%	0.1%	0.0%	-0.1%	0.1%	-0.1%	-0.1%	0.2%	-0.2%	-0.9%	-0.5%

Table 5A-D1.26.5-A. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	59.2	55.0	51.1	48.5	50.5	55.0	60.7	63.2	64.1	62.0	62.3	62.8
20%	58.5	54.3	50.2	48.0	49.7	54.1	59.9	62.5	62.7	61.3	61.0	61.7
30%	57.9	54.0	49.8	47.7	49.2	53.7	59.5	61.7	62.3	60.5	60.5	60.8
40%	57.4	53.8	49.5	47.5	48.8	53.1	59.0	61.4	61.7	60.0	59.8	59.7
50%	56.8	53.6	49.4	47.1	48.6	52.5	58.4	60.8	61.1	59.5	59.2	59.2
60%	56.2	53.4	49.1	46.9	48.4	52.0	57.5	60.4	60.6	58.9	58.9	58.4
70%	55.8	53.1	48.7	46.5	47.7	51.1	56.8	60.0	59.8	58.5	58.5	58.0
80%	55.3	52.7	48.3	46.2	47.3	50.3	55.8	59.4	58.9	57.9	58.0	57.3
90%	55.0	52.4	47.6	45.7	46.7	49.4	54.7	58.3	58.0	57.6	57.6	56.6

Table 5A-D1.26.5-B. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	57.0	53.6	49.3	47.2	48.6	52.4	57.9	60.8	61.1	59.7	59.7	59.6
Wet Water Years	55.7	53.5	49.7	46.8	47.5	50.6	56.0	60.6	62.0	59.6	58.9	57.4
Above Normal Water Years	55.9	53.4	49.2	47.0	48.1	51.9	57.6	60.7	61.4	59.7	59.0	57.9
Below Normal Water Years	57.3	53.6	49.3	47.0	48.9	52.8	58.8	60.6	60.3	59.1	59.0	60.0
Dry Water Years	57.3	53.2	49.4	47.5	49.1	53.6	59.1	61.1	59.3	58.9	59.8	60.8
Critical Water Years	60.4	54.5	48.8	48.2	50.4	54.5	59.5	61.7	62.1	61.7	62.8	63.8

Table 5A-D1.26.5-C. Sacramento River at Woodson Bridge, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.1	0.0	-0.1	0.0	-0.2	-0.1	0.0	0.0	0.0	-0.1
20%	0.2	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.3	0.1
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.1	0.1
40%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1	0.2
50%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	0.1
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
80%	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2	0.2
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	-0.1	0.0

Table 5A-D1.26.5-D. Sacramento River at Woodson Bridge, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.1
Wet Water Years	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	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.2	-0.1	0.3
Dry Water Years	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1
Critical Water Years	0.1	0.1	0.0	0.0	0.0	0.1	-0.1	-0.1	0.1	-0.1	-0.5	-0.2

Table 5A-D1.26.5-E. Sacramento River at Woodson Bridge, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	0.2%	0.1%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	0.0%	0.0%	-0.1%
20%	0.3%	0.0%	0.0%	-0.1%	0.2%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.4%	0.2%
30%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.3%	0.2%	0.1%
40%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.2%	0.4%
50%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.3%	0.2%
60%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.1%	-0.1%
70%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	-0.1%	0.3%
80%	-0.3%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	-0.3%	0.3%
90%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.3%	-0.1%	0.0%

Table 5A-D1.26.5-F. Sacramento River at Woodson Bridge, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.1%
Wet Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Above Normal Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%
Below Normal Water Years	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.4%	-0.2%	0.6%
Dry Water Years	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
Critical Water Years	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	-0.1%	-0.1%	0.1%	-0.2%	-0.8%	-0.3%

Figure 5A-D1.26.1. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

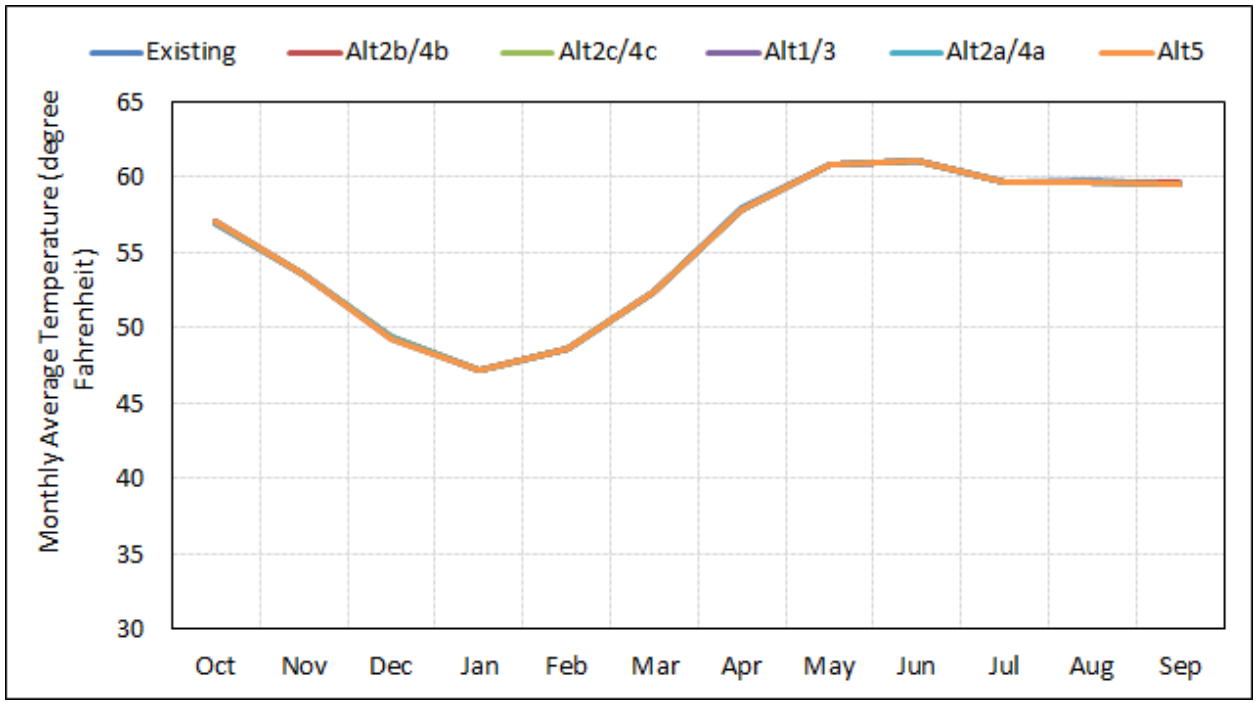


Figure 5A-D1.26.2. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

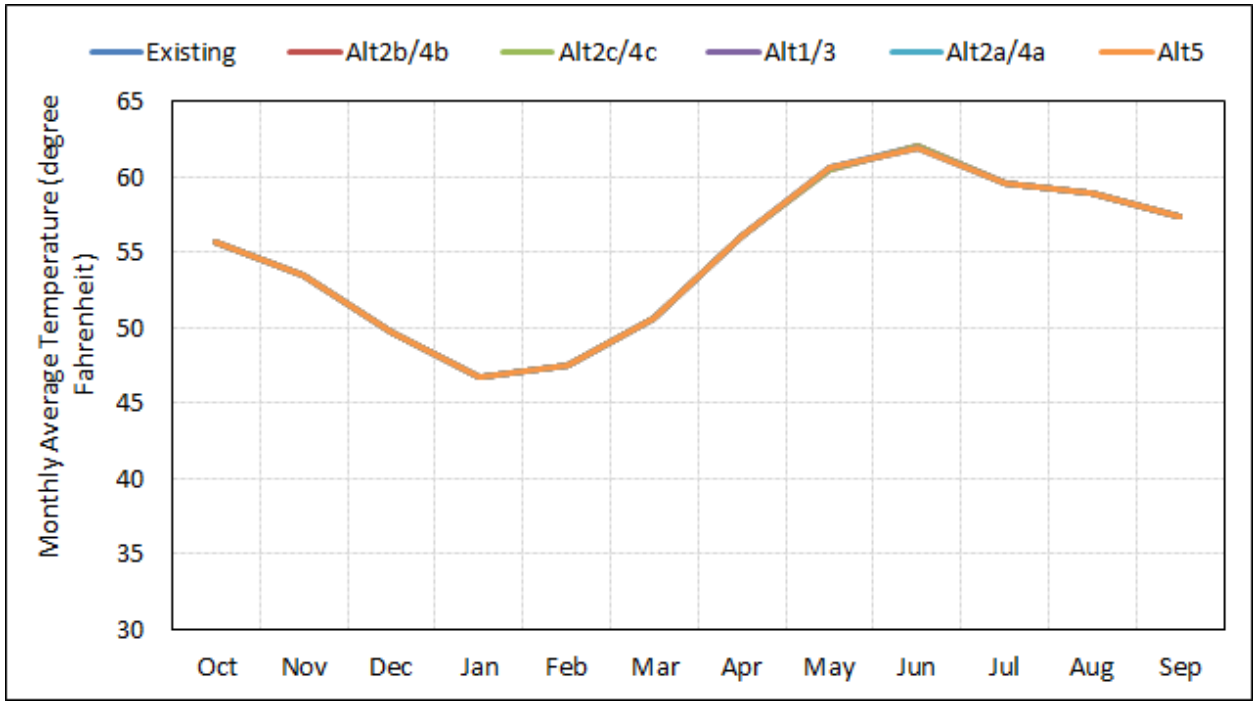


Figure 5A-D1.26.3. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

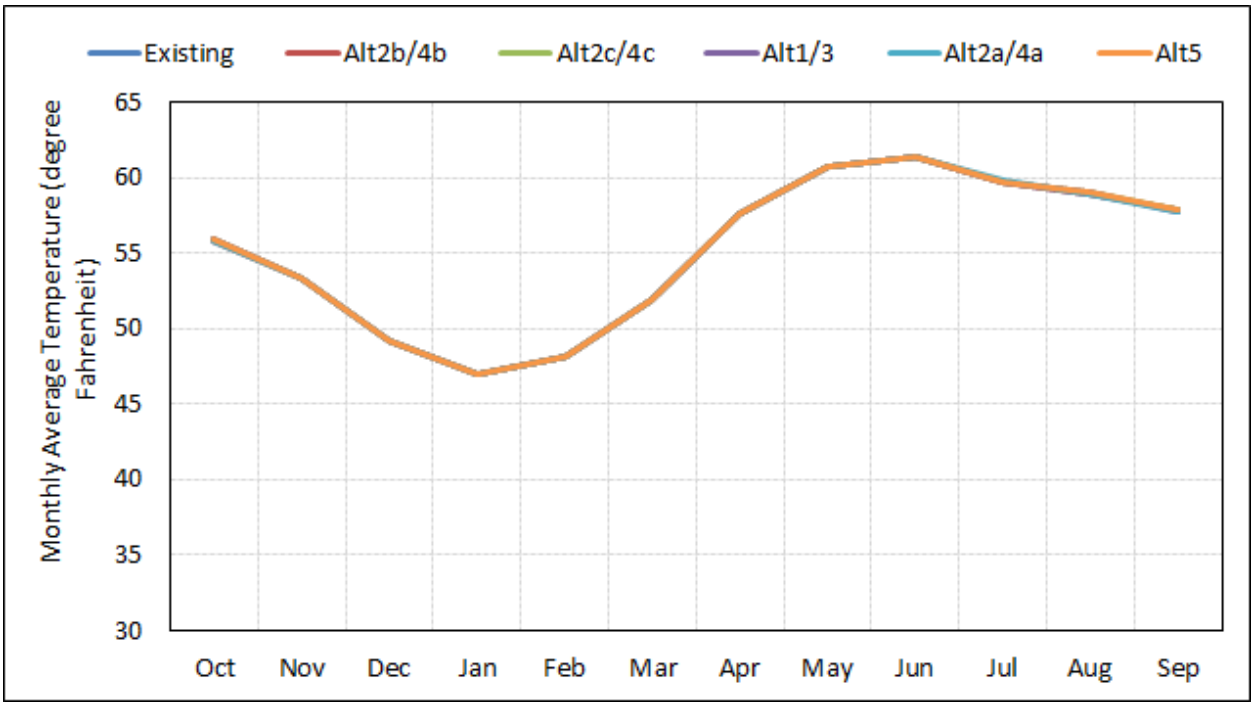


Figure 5A-D1.26.4. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

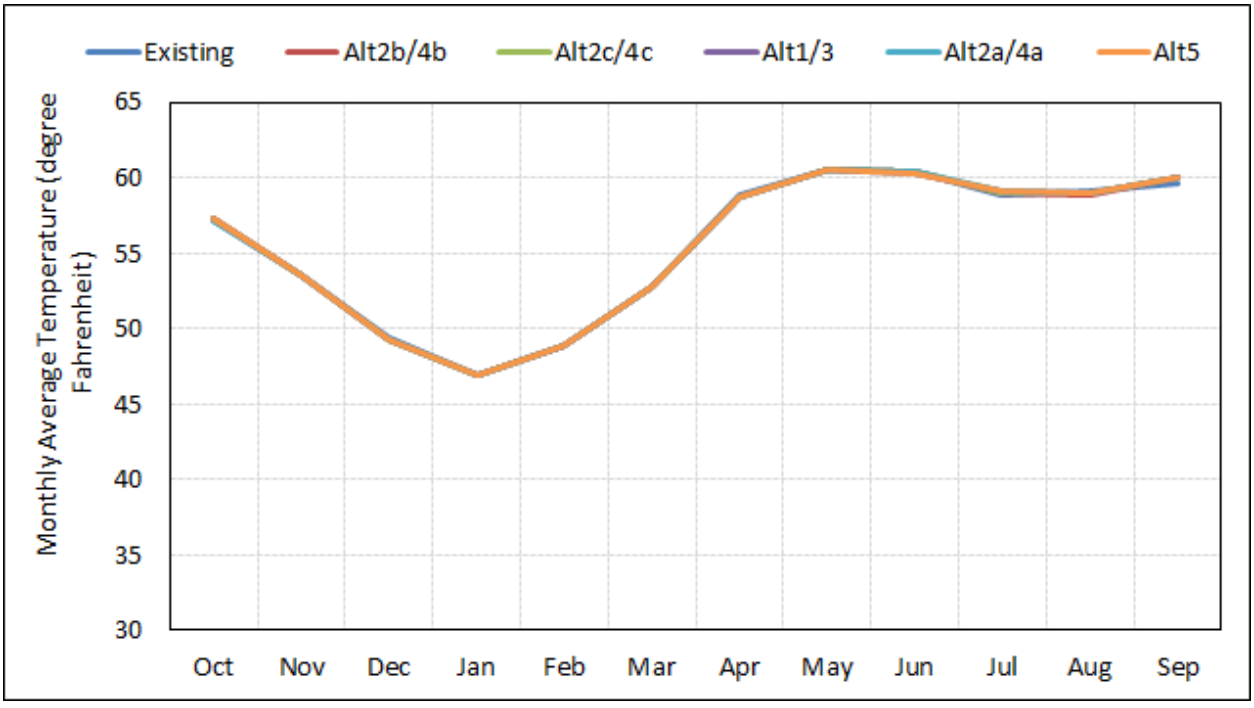


Figure 5A-D1.26.5. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

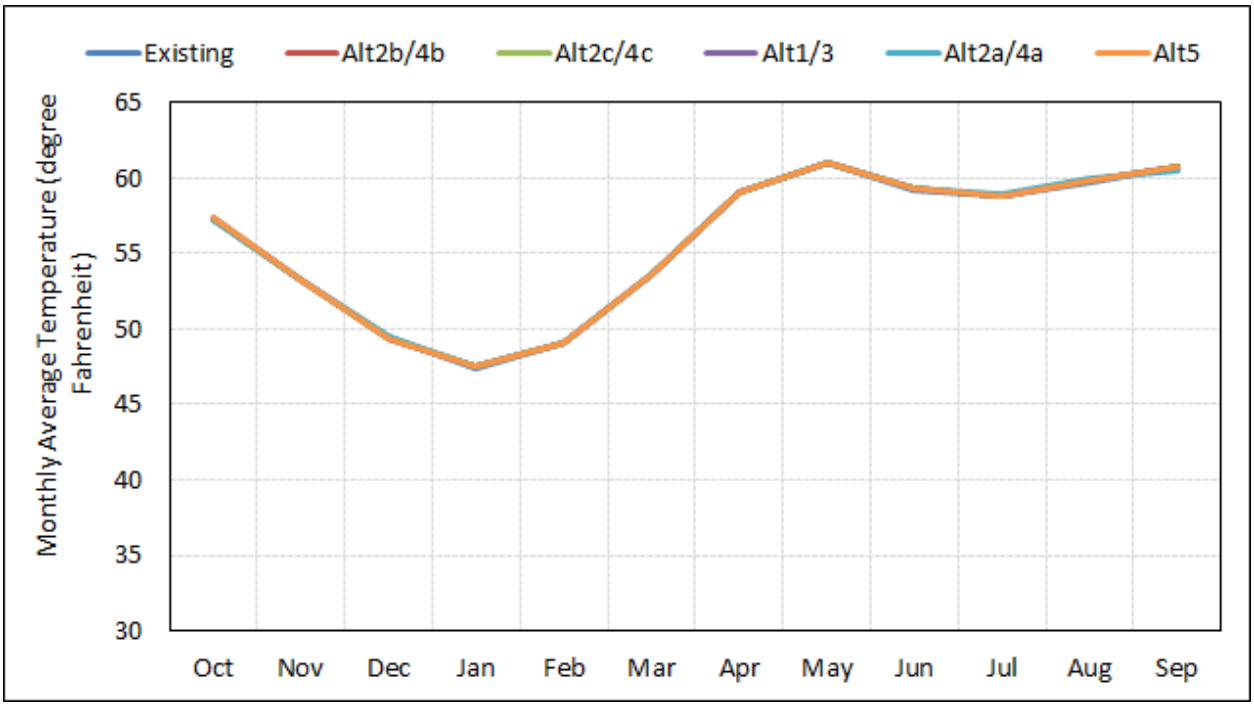


Figure 5A-D1.26.6. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

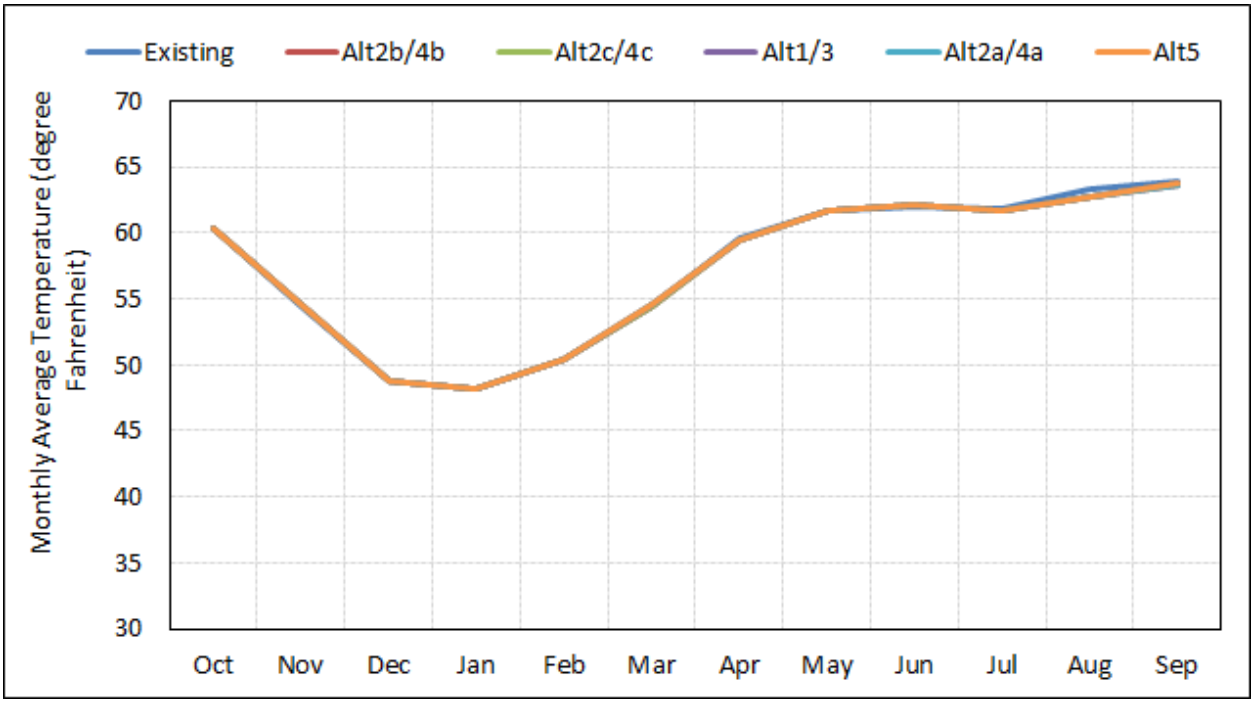


Figure 5A-D1.26.7. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

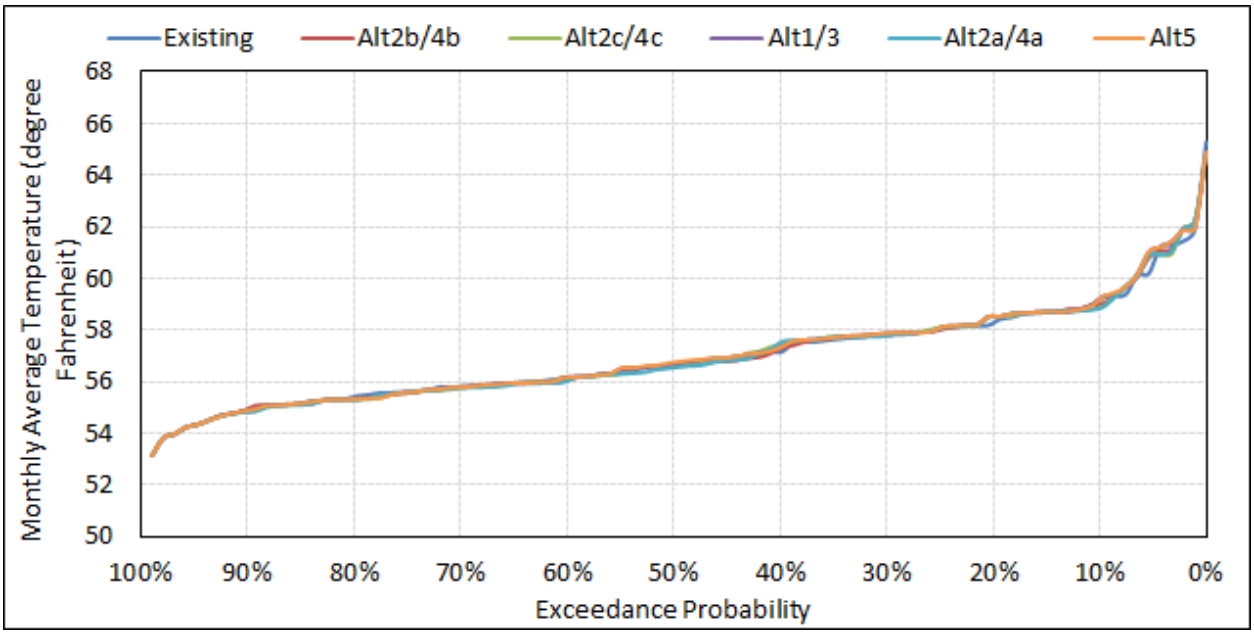


Figure 5A-D1.26.8. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

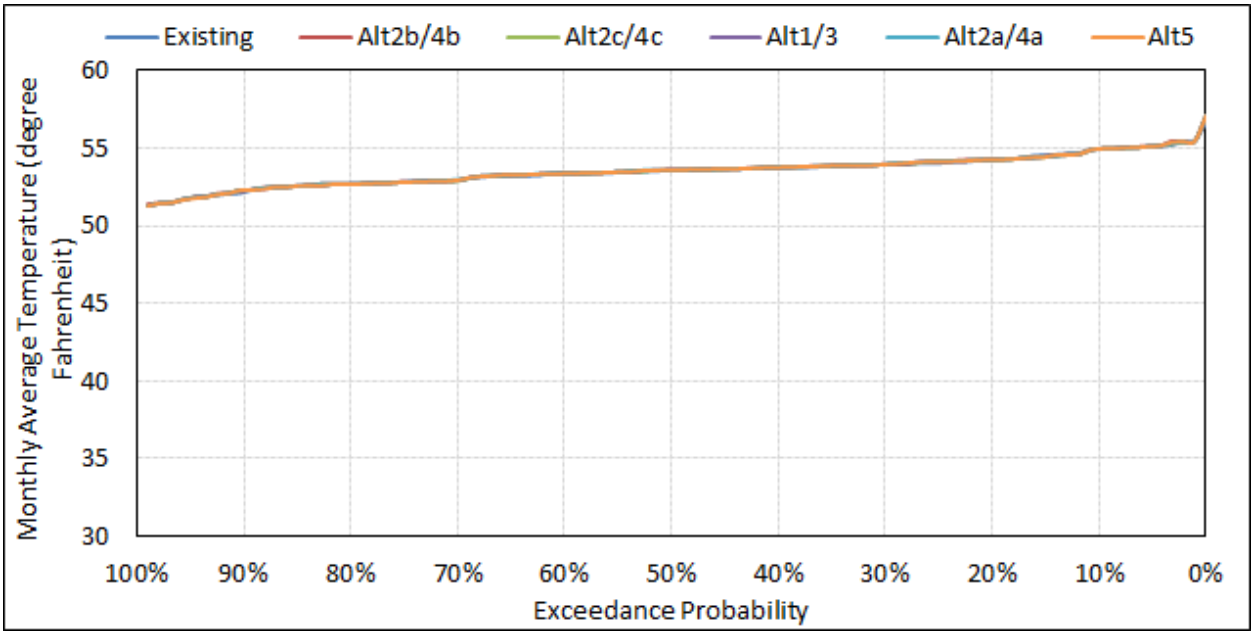


Figure 5A-D1.26.9. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

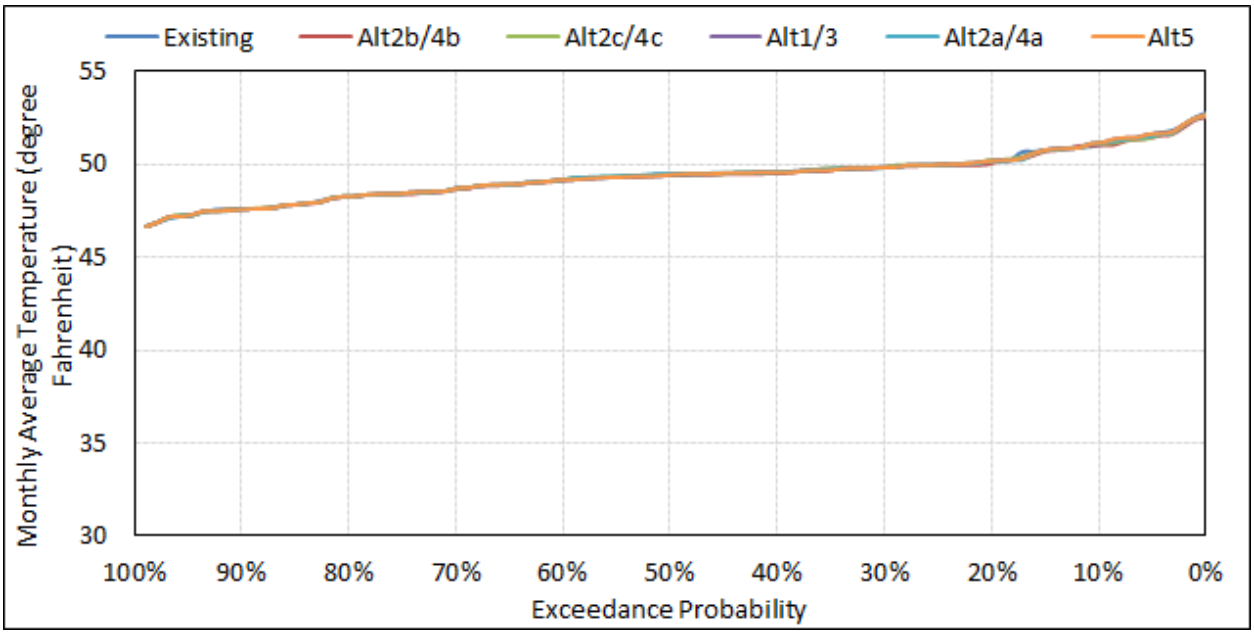


Figure 5A-D1.26.10. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

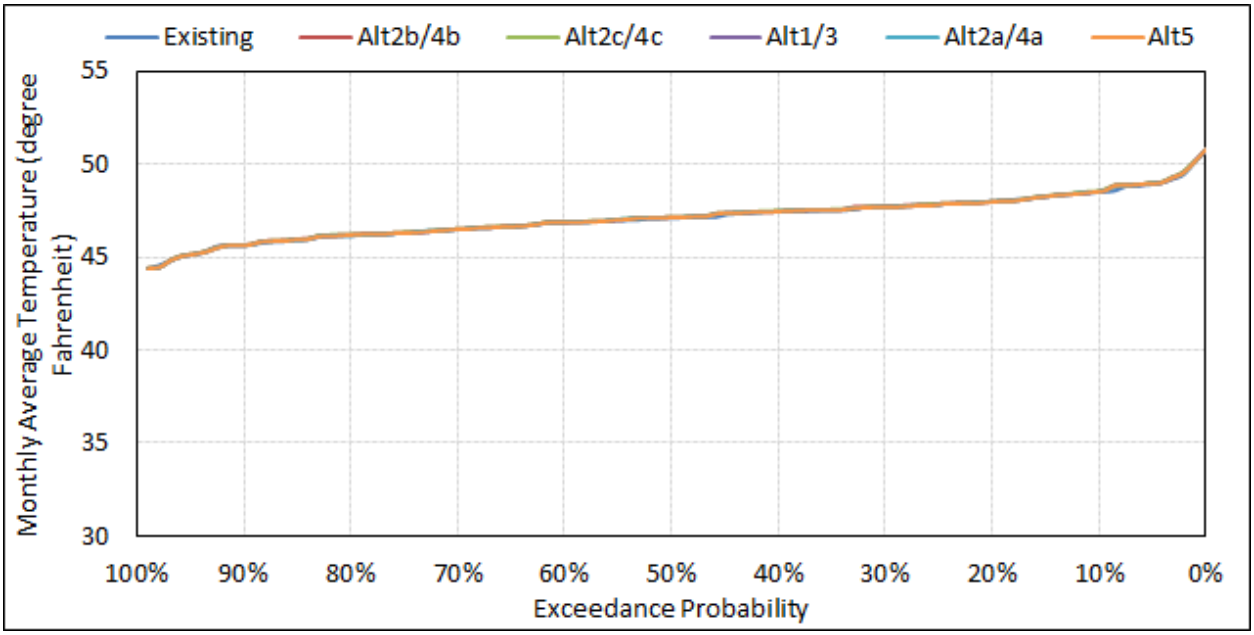


Figure 5A-D1.26.11. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

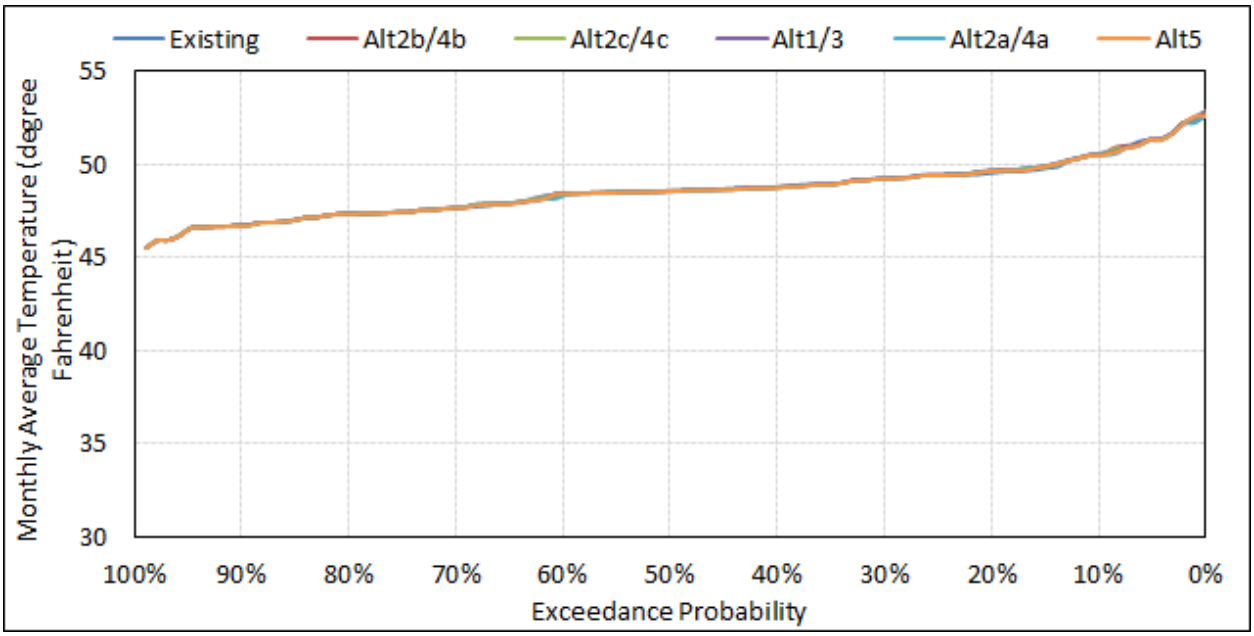


Figure 5A-D1.26.12. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

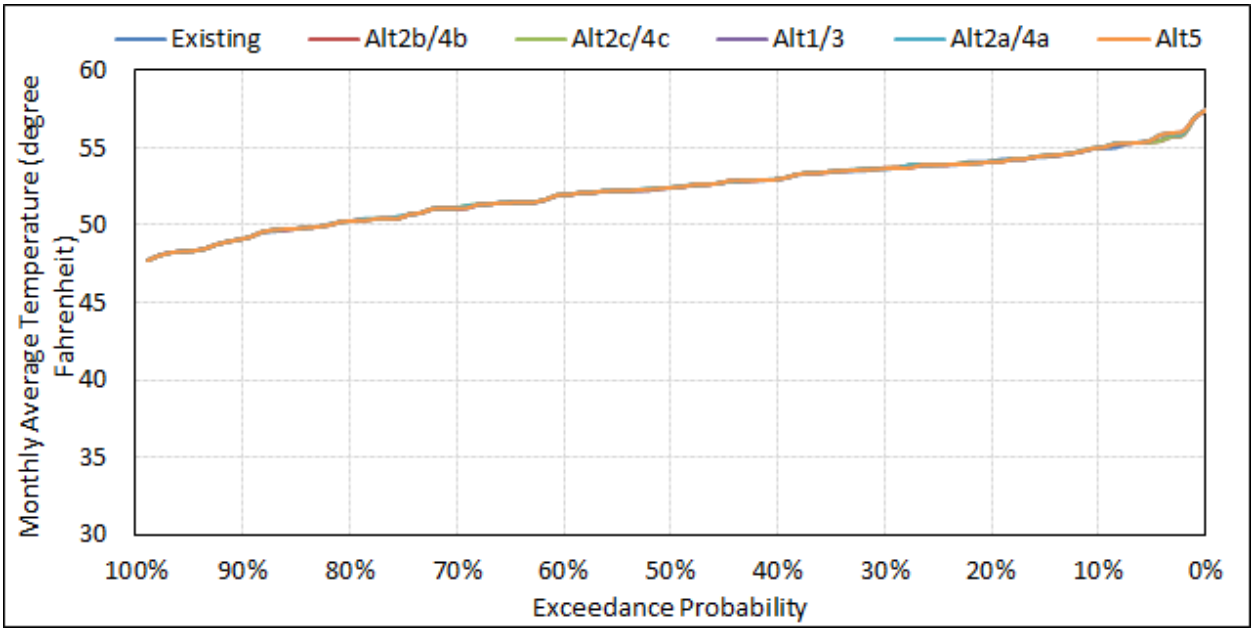


Figure 5A-D1.26.13. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

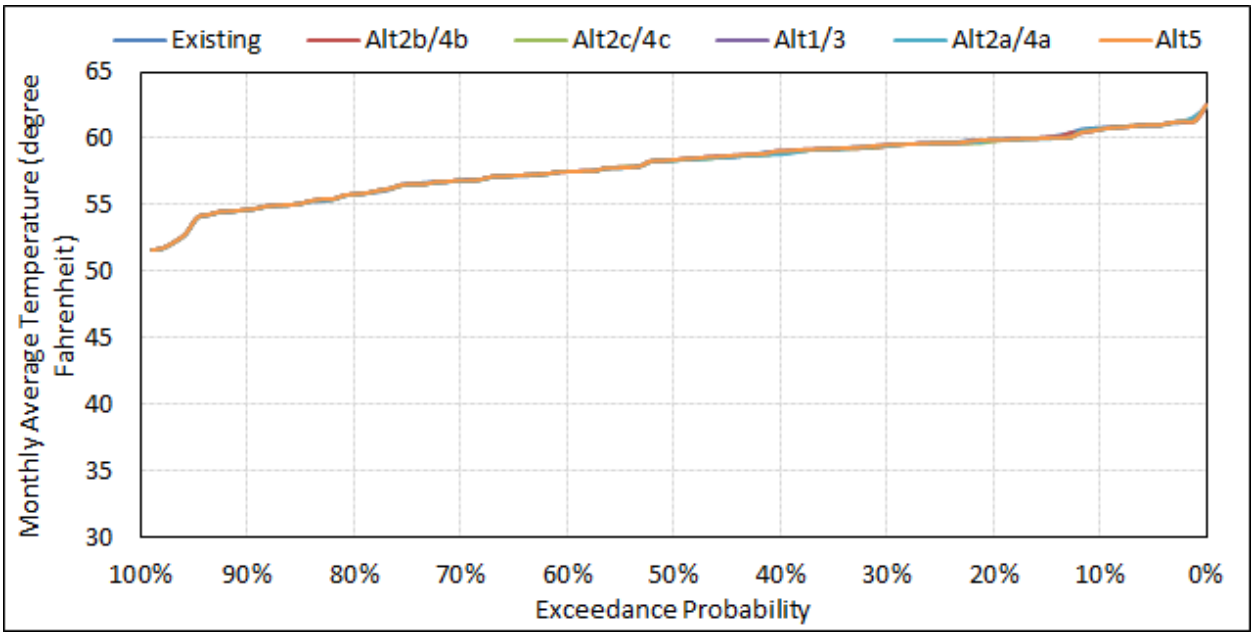


Figure 5A-D1.26.14. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

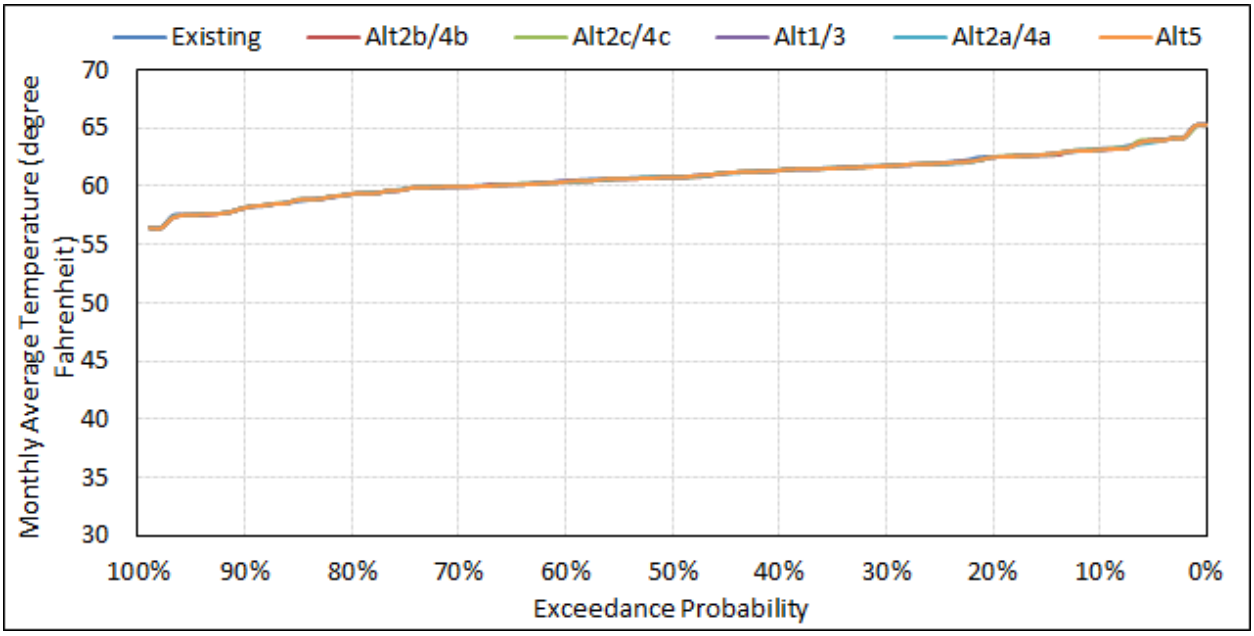


Figure 5A-D1.26.15. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

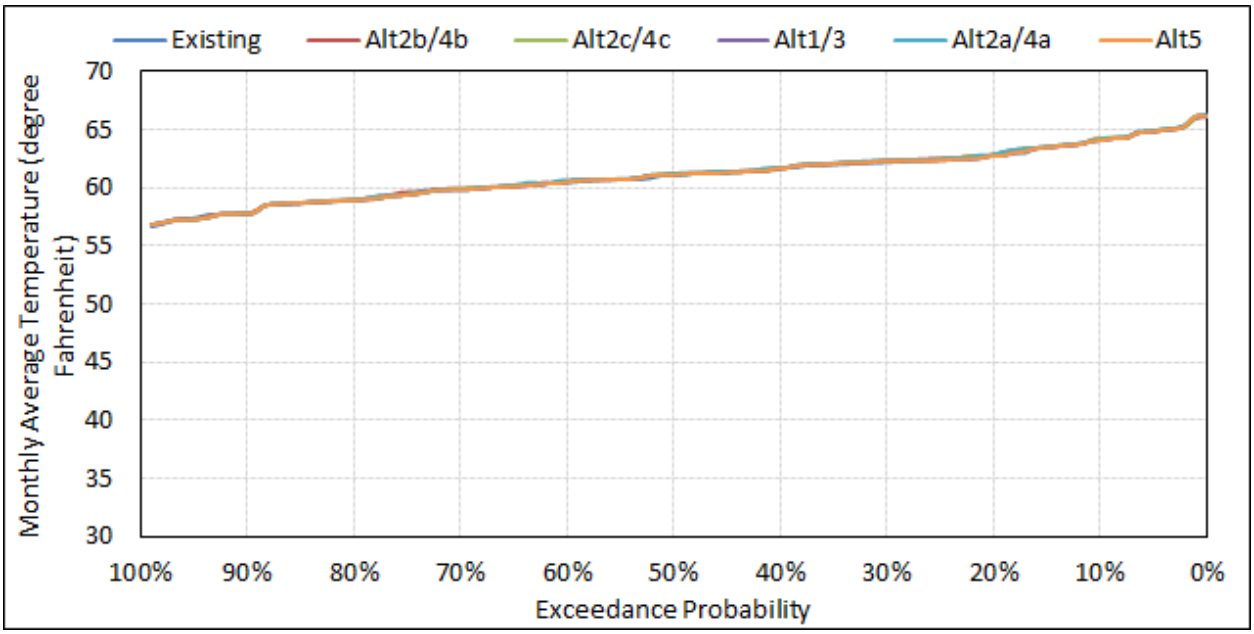


Figure 5A-D1.26.16. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

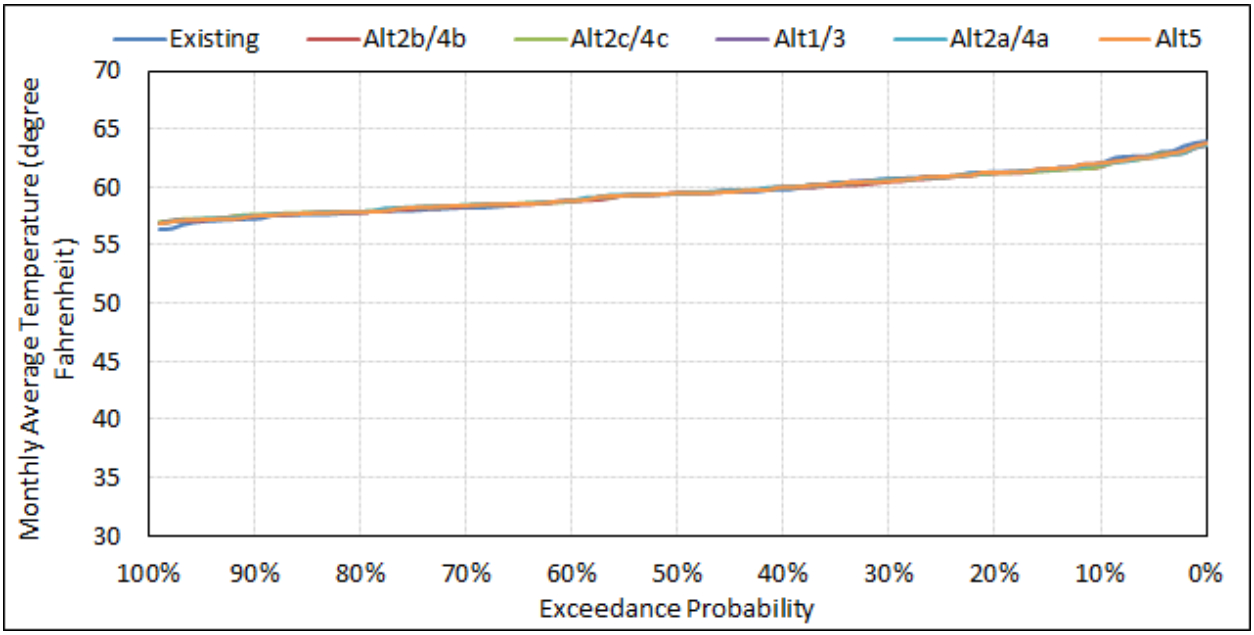


Figure 5A-D1.26.17. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

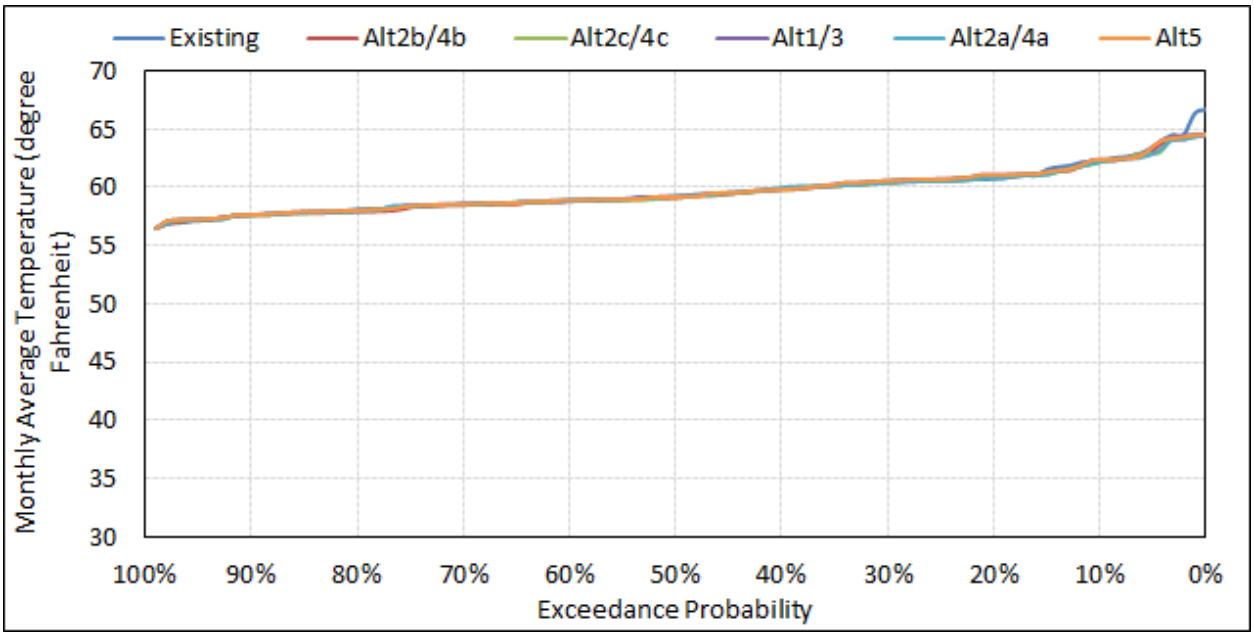


Figure 5A-D1.26.18. Sacramento River at Woodson Bridge, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

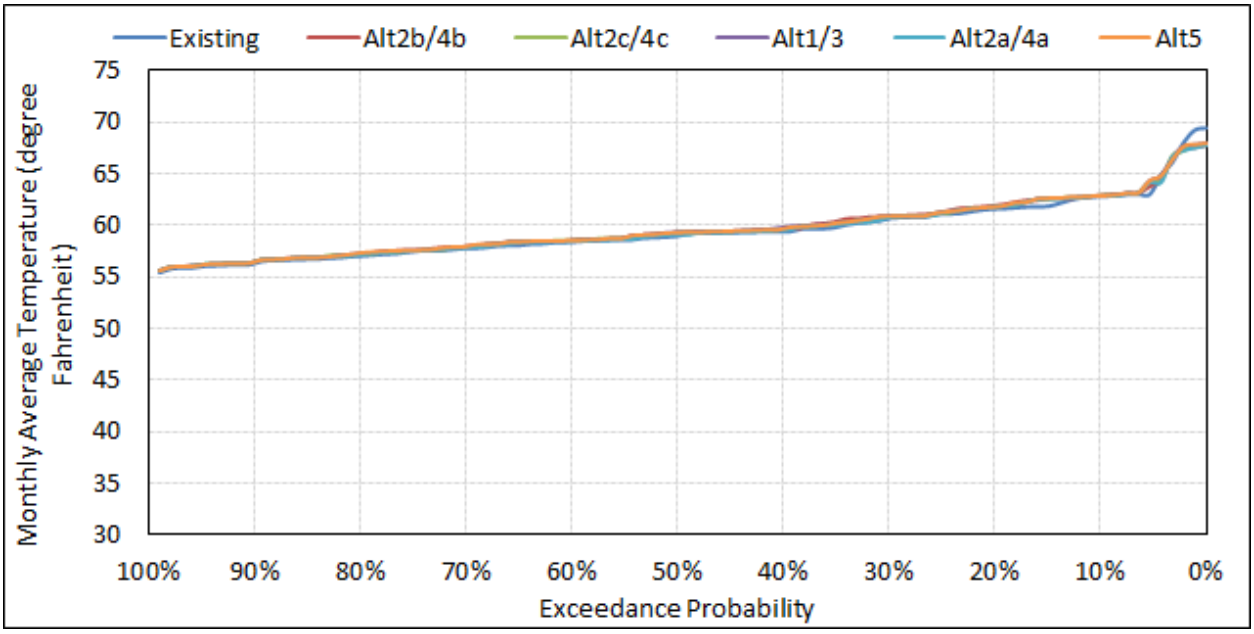
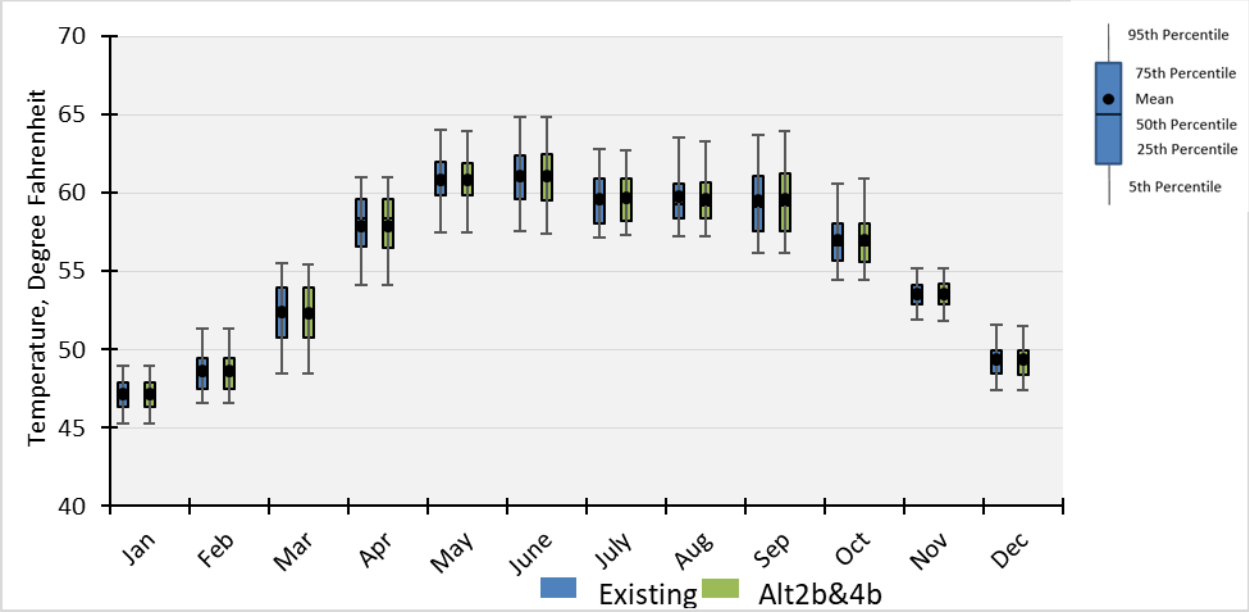


Figure 5A-D1.26.19. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



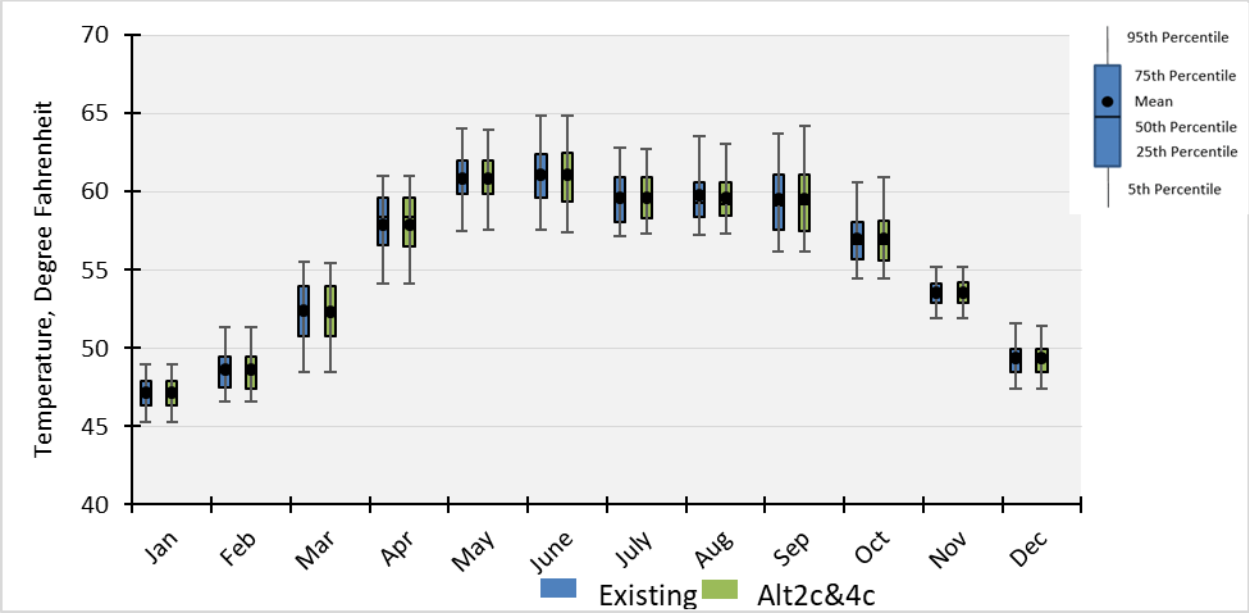
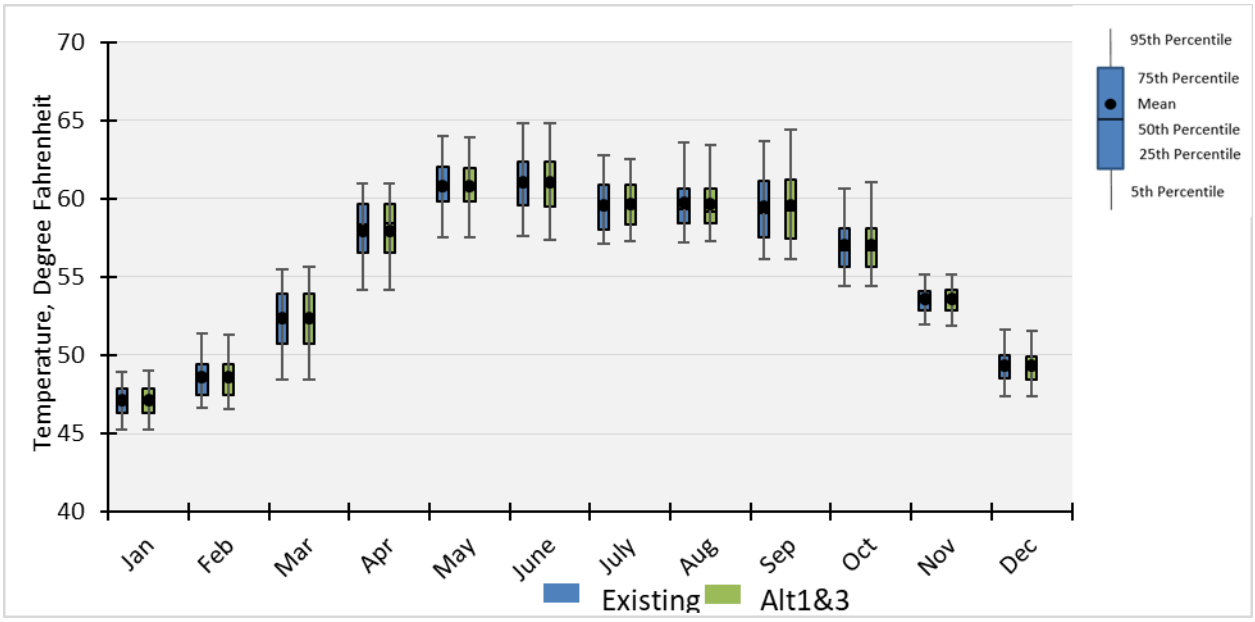


Figure 5A-D1.26.20. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



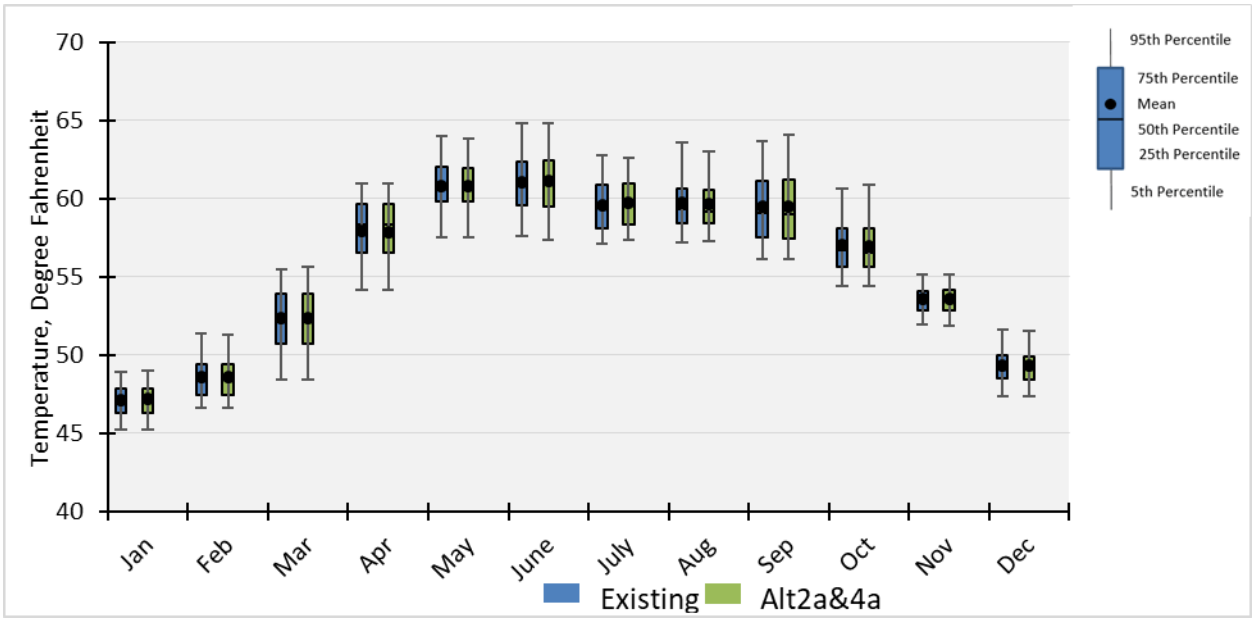


Figure 5A-D1.26.21. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

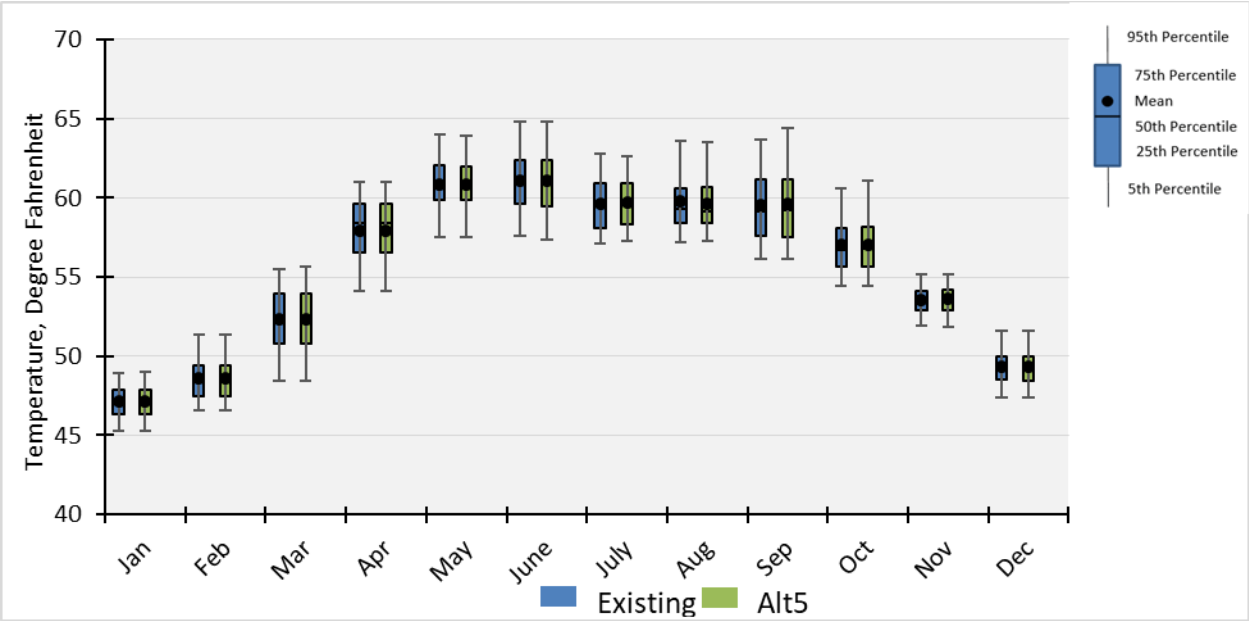
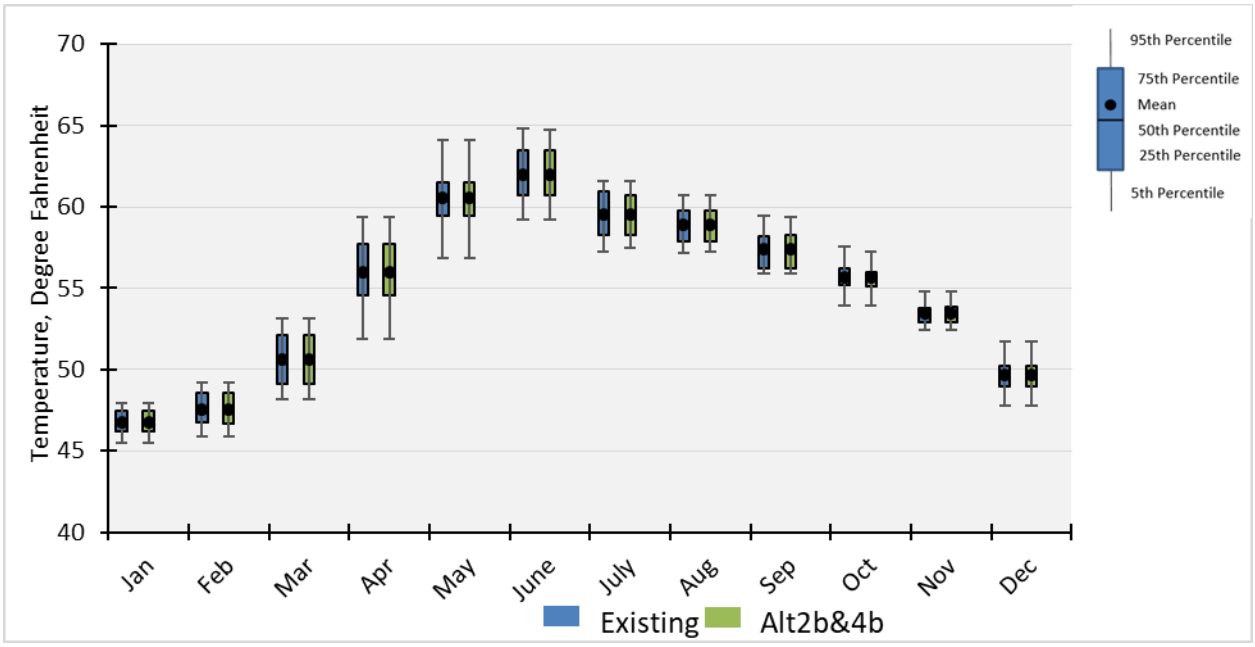


Figure 5A-D1.26.22. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



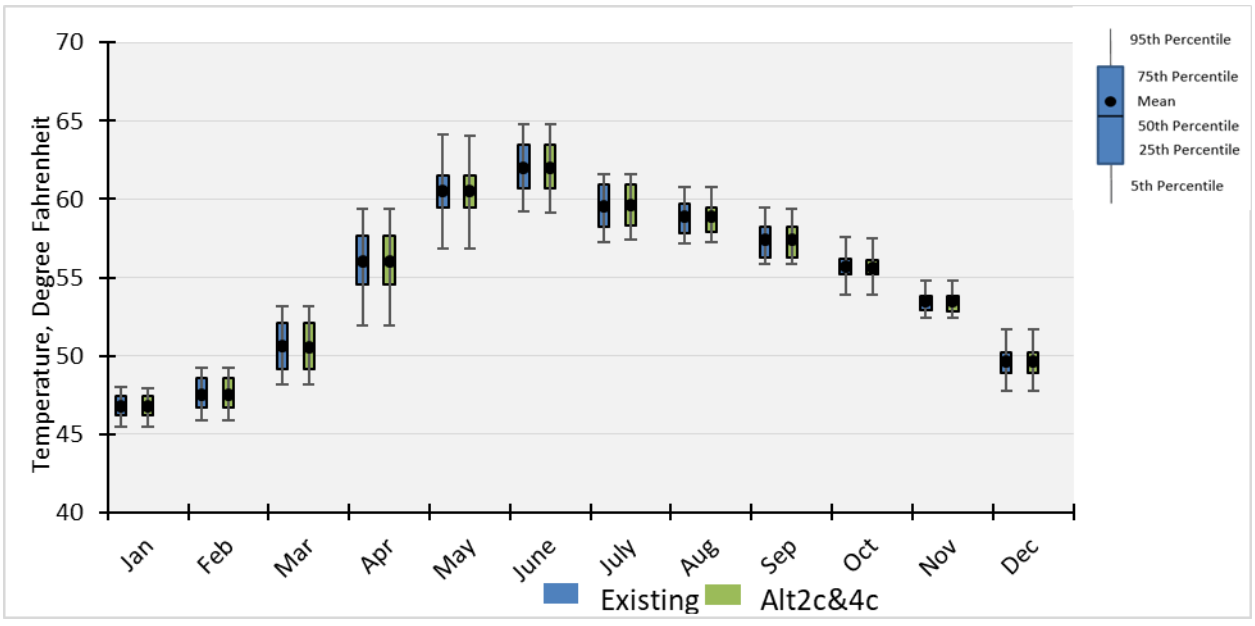
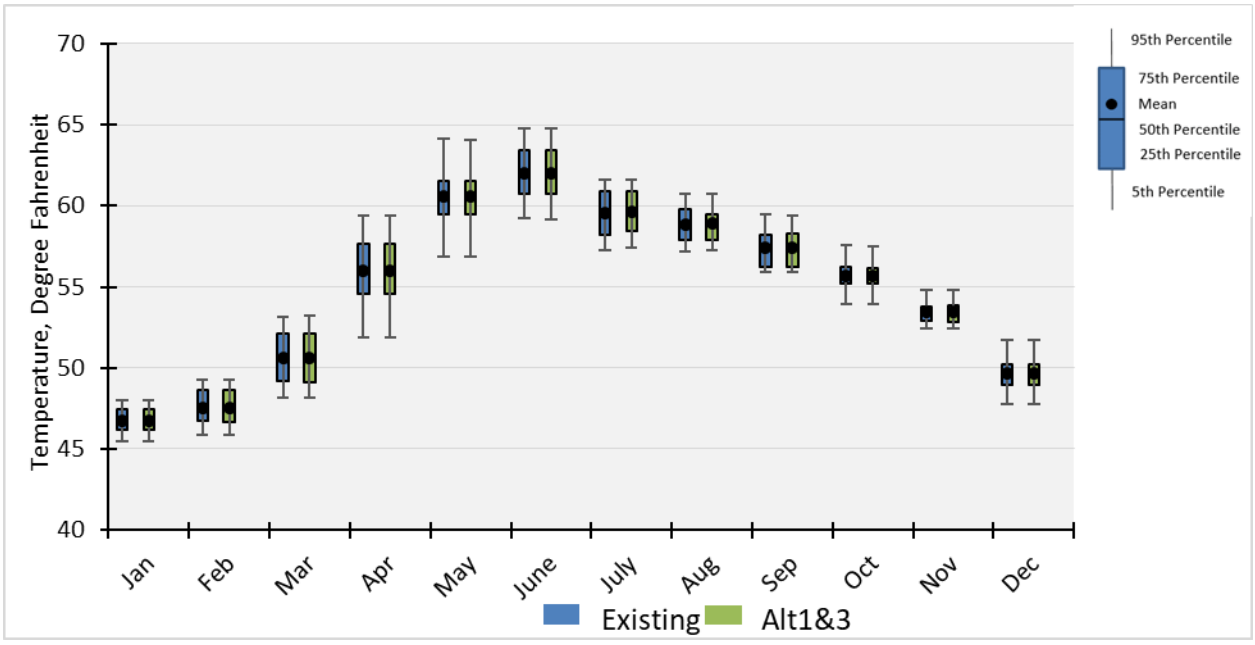


Figure 5A-D1.26.23. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



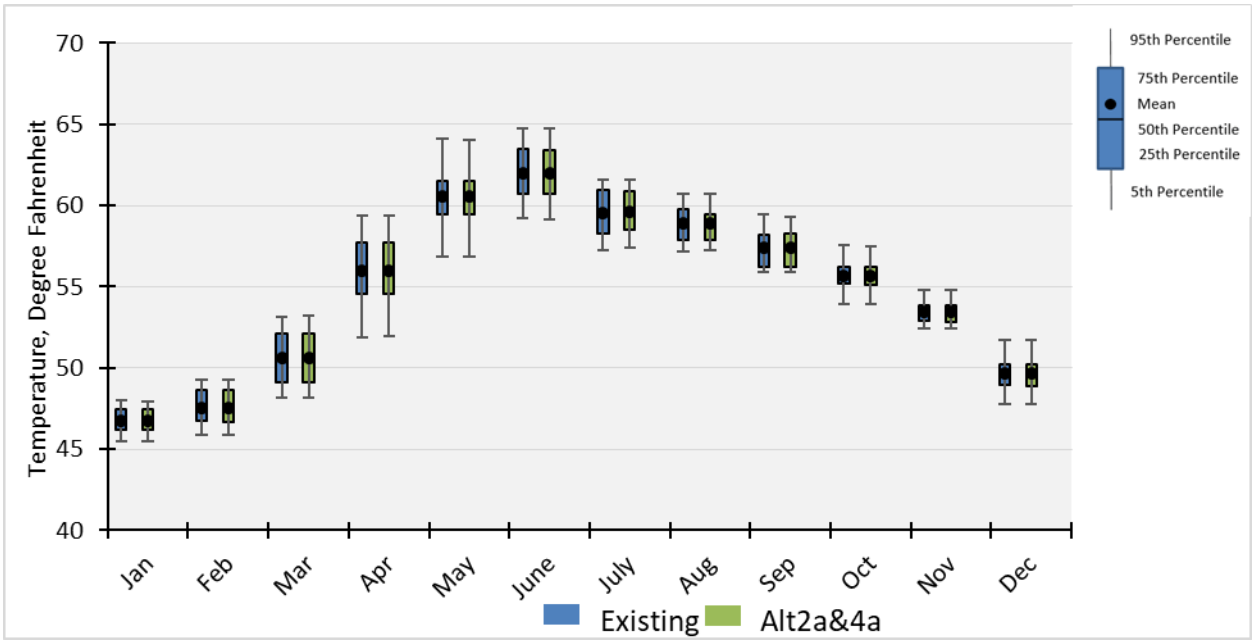


Figure 5A-D1.26.24. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

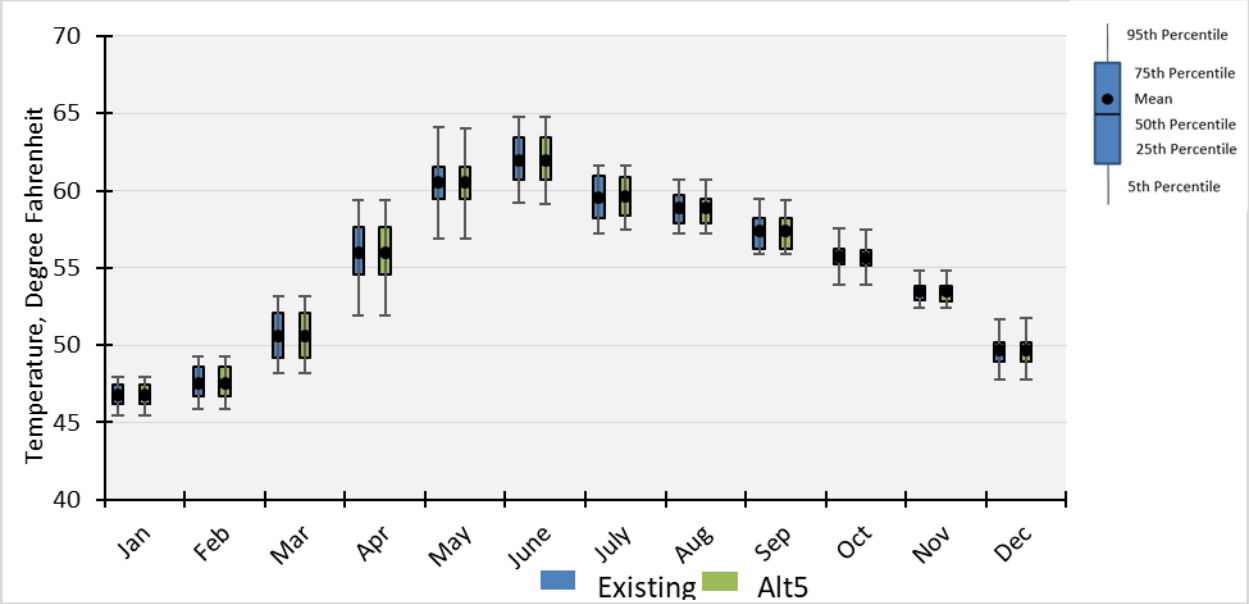
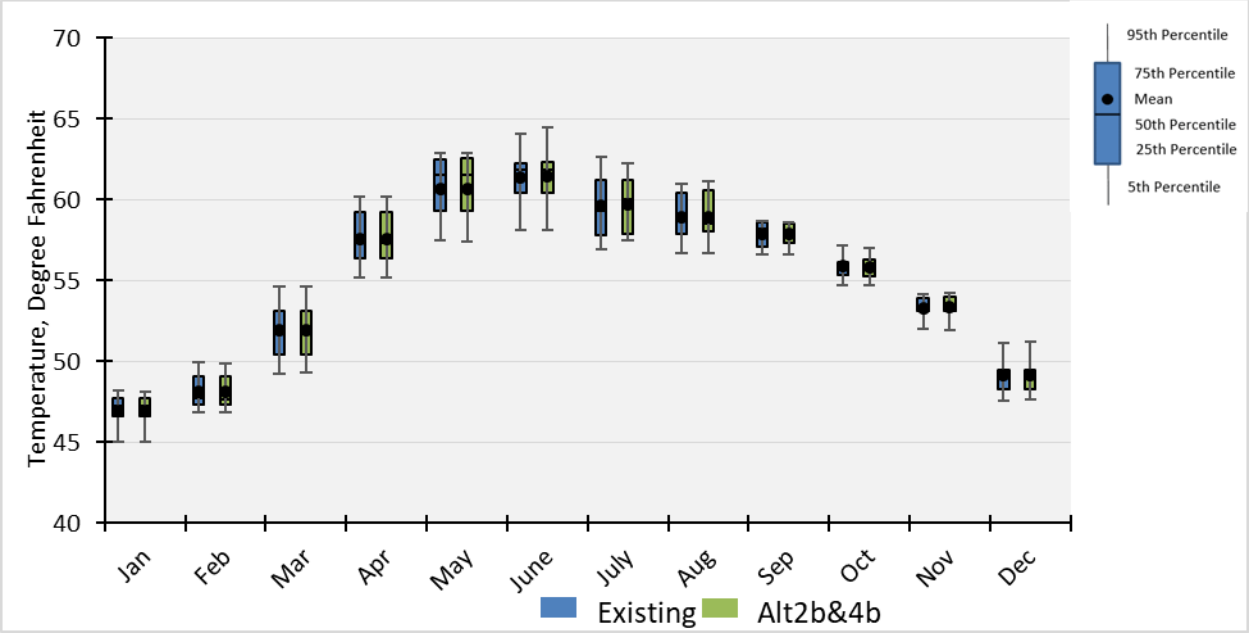


Figure 5A-D1.26.25. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



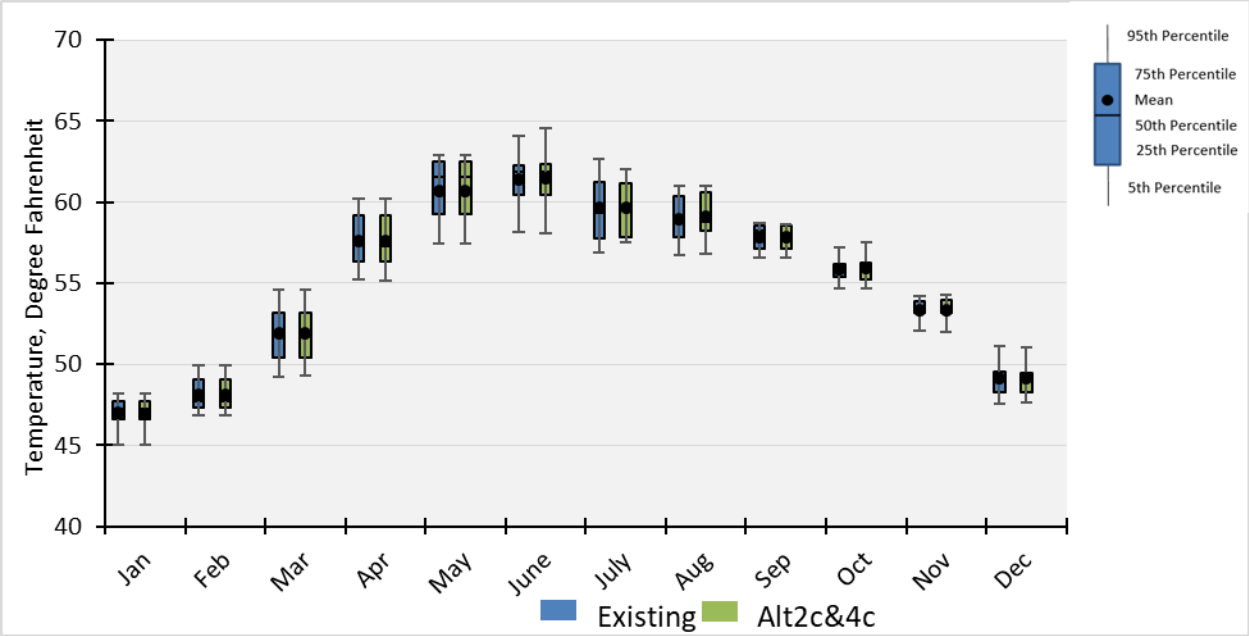
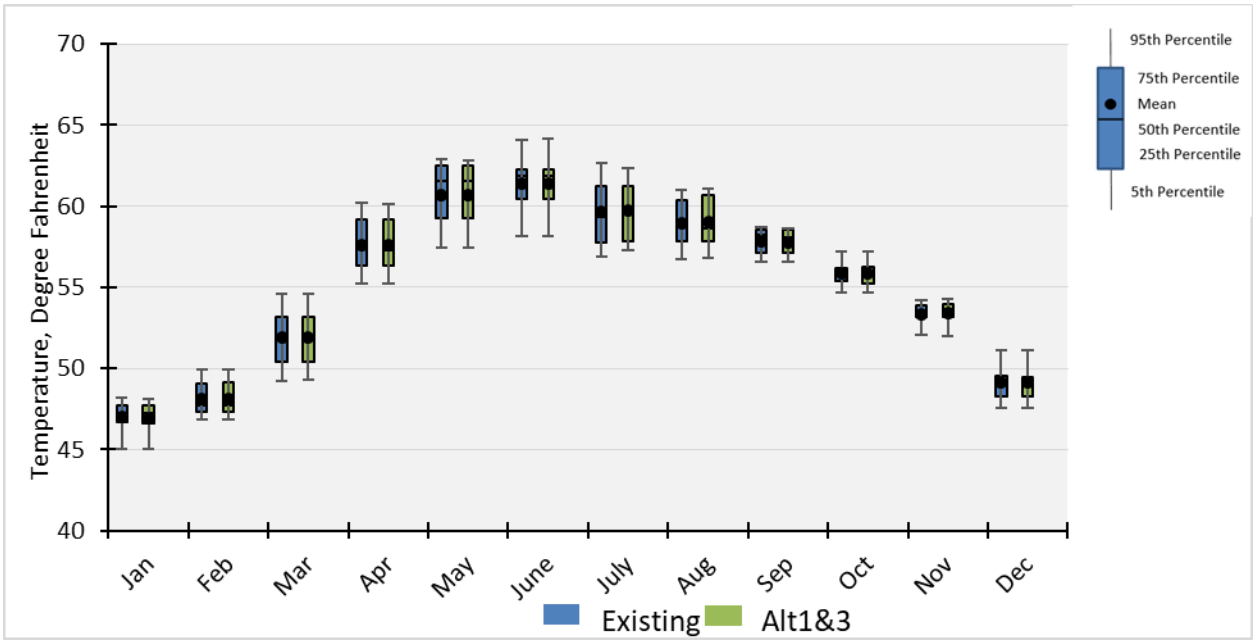


Figure 5A-D1.26.26. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



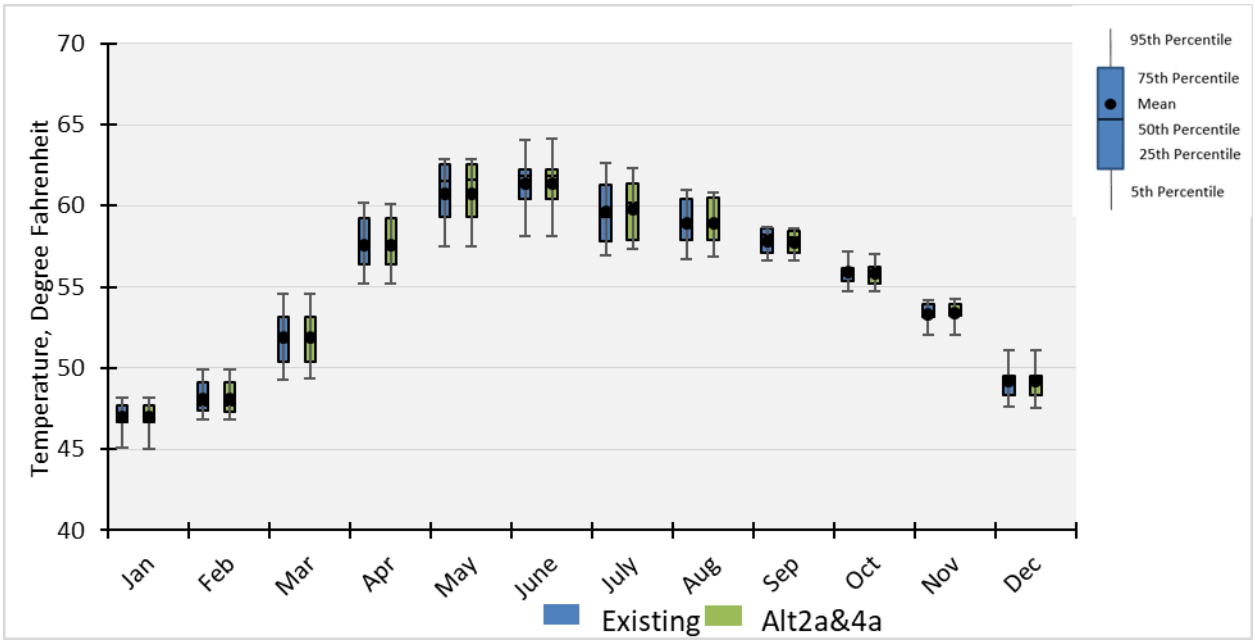


Figure 5A-D1.26.27. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

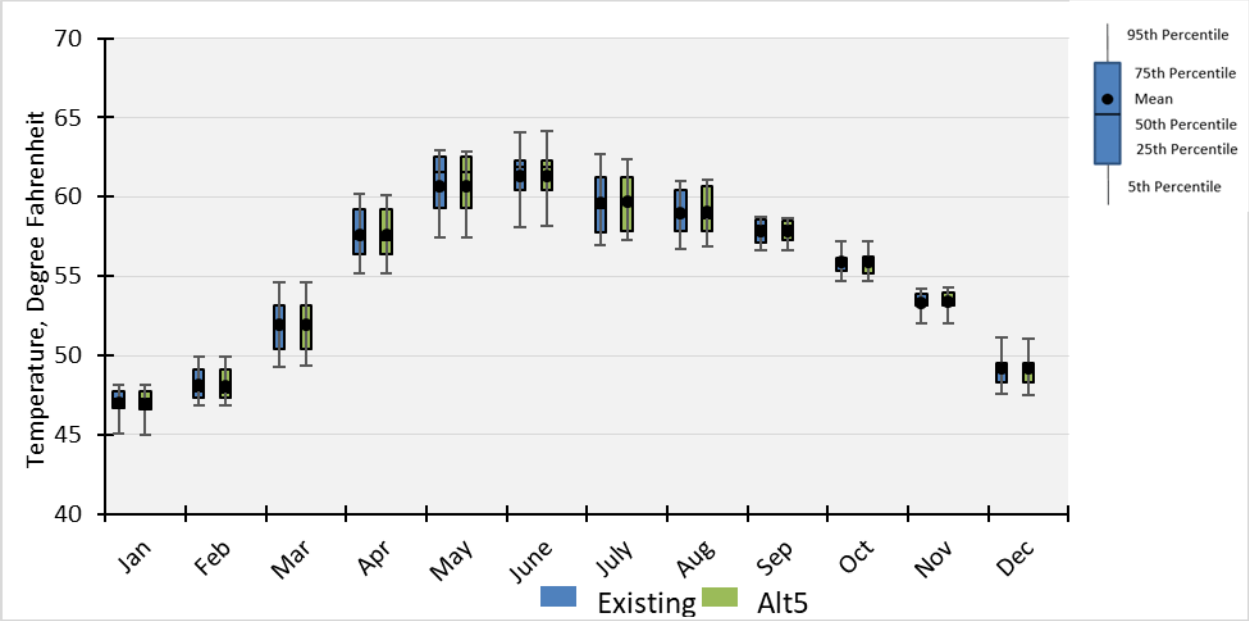
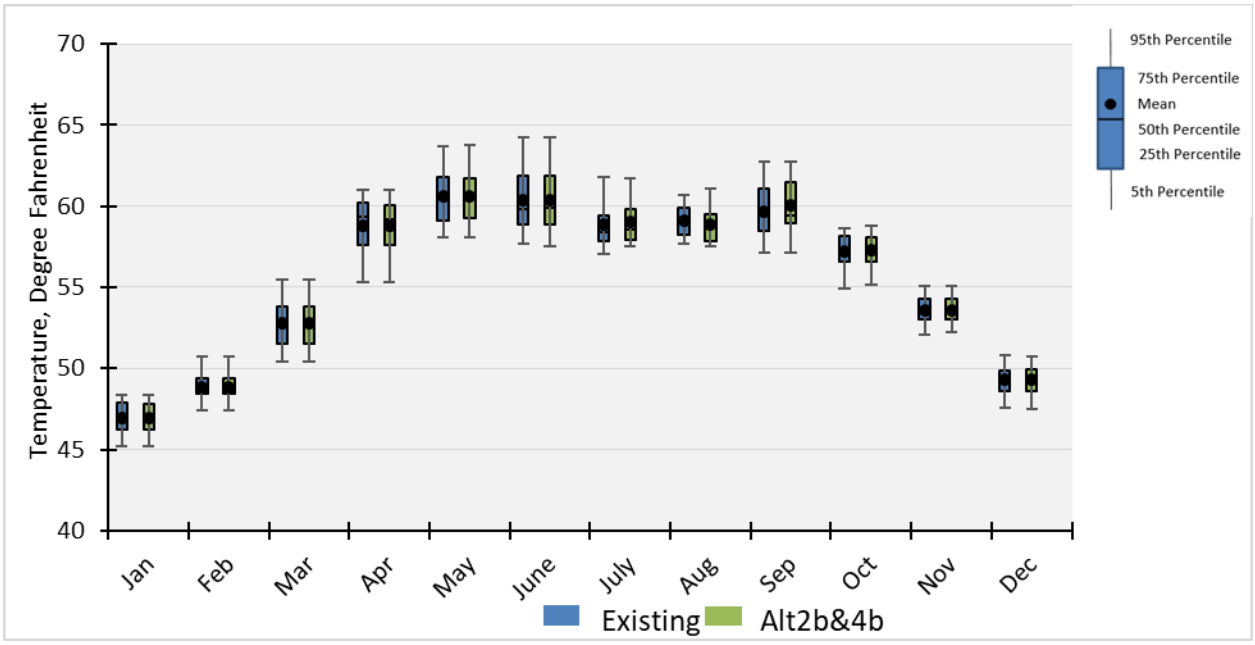


Figure 5A-D1.26.28. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



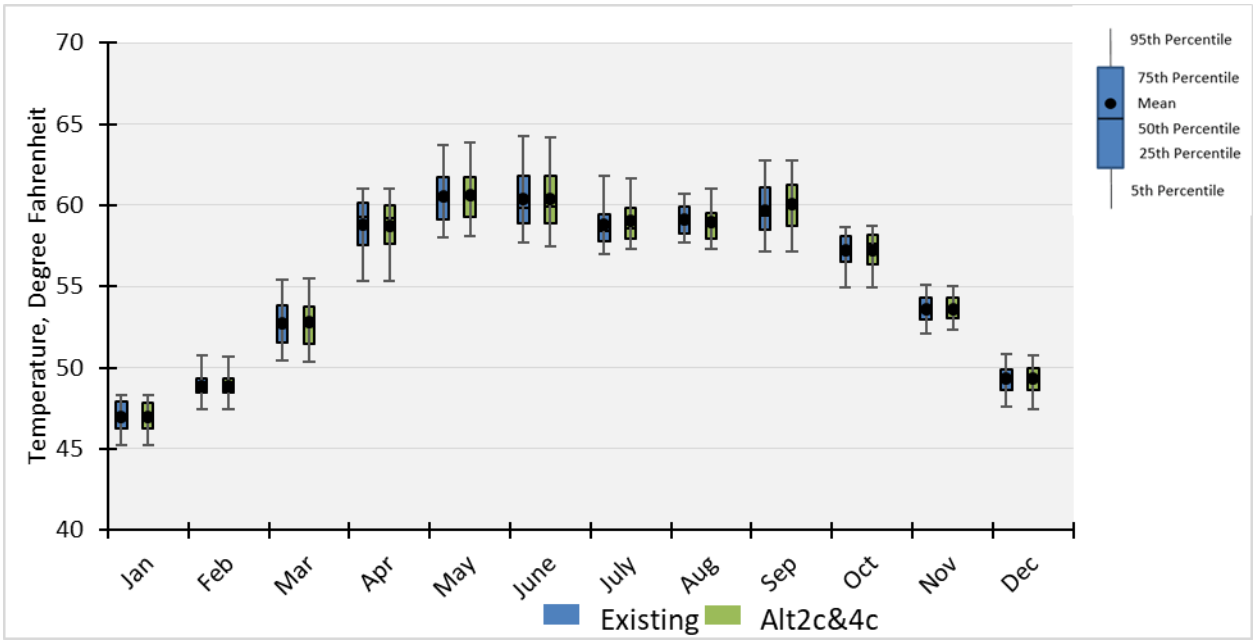
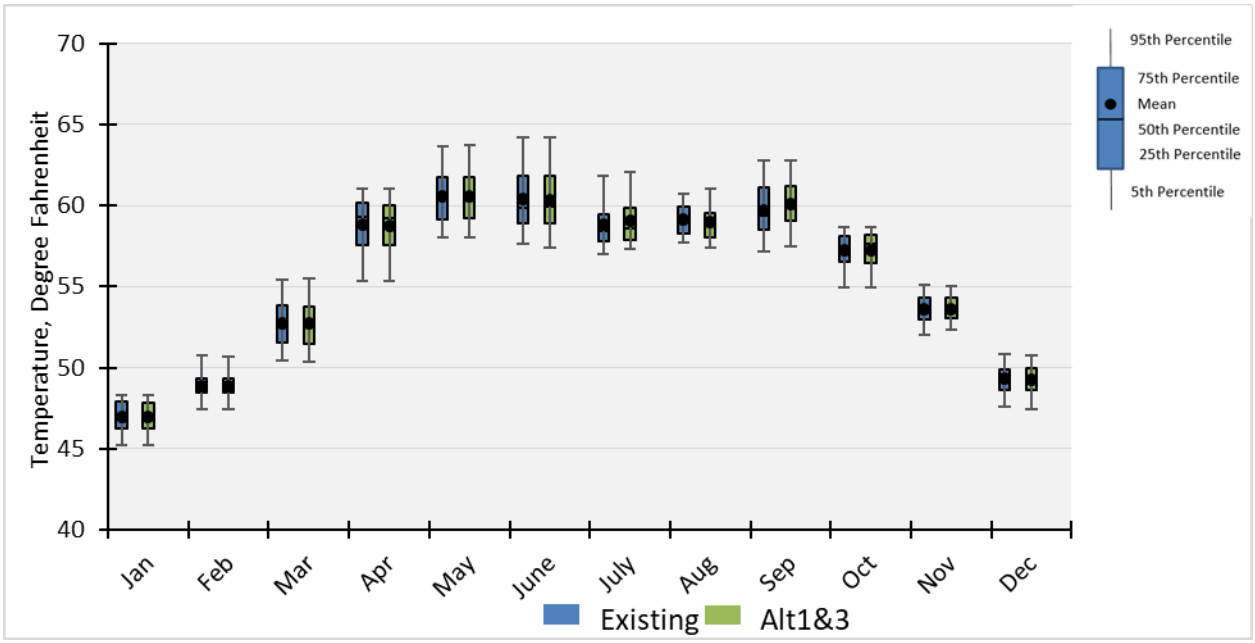


Figure 5A-D1.26.29. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



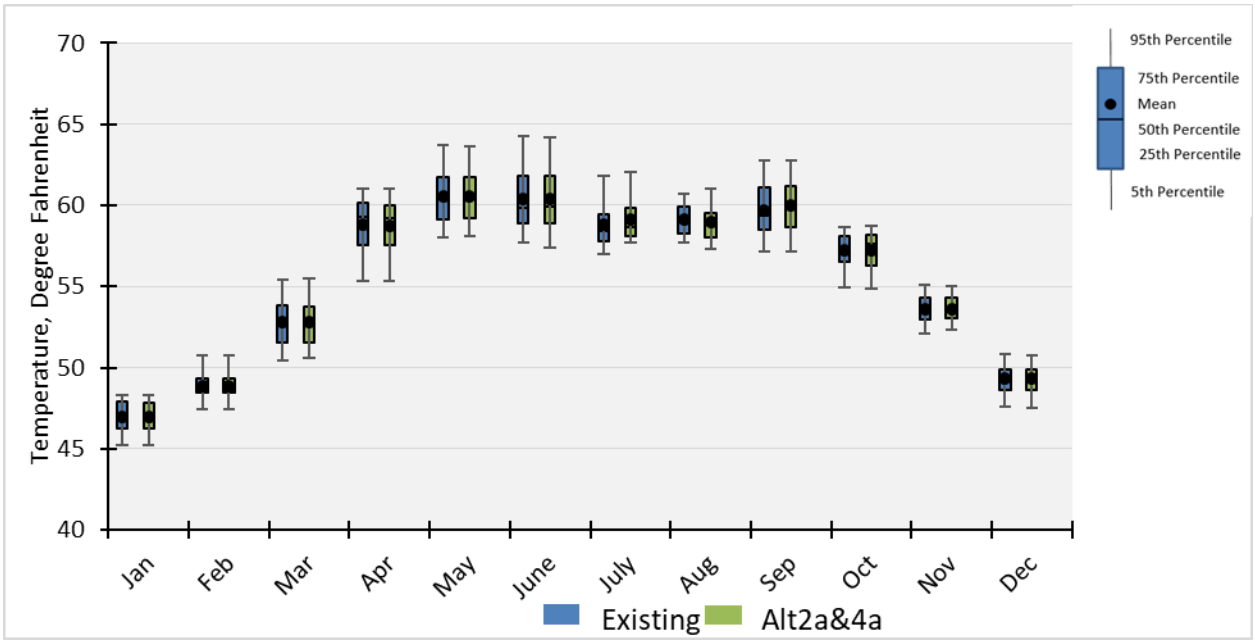


Figure 5A-D1.26.30. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

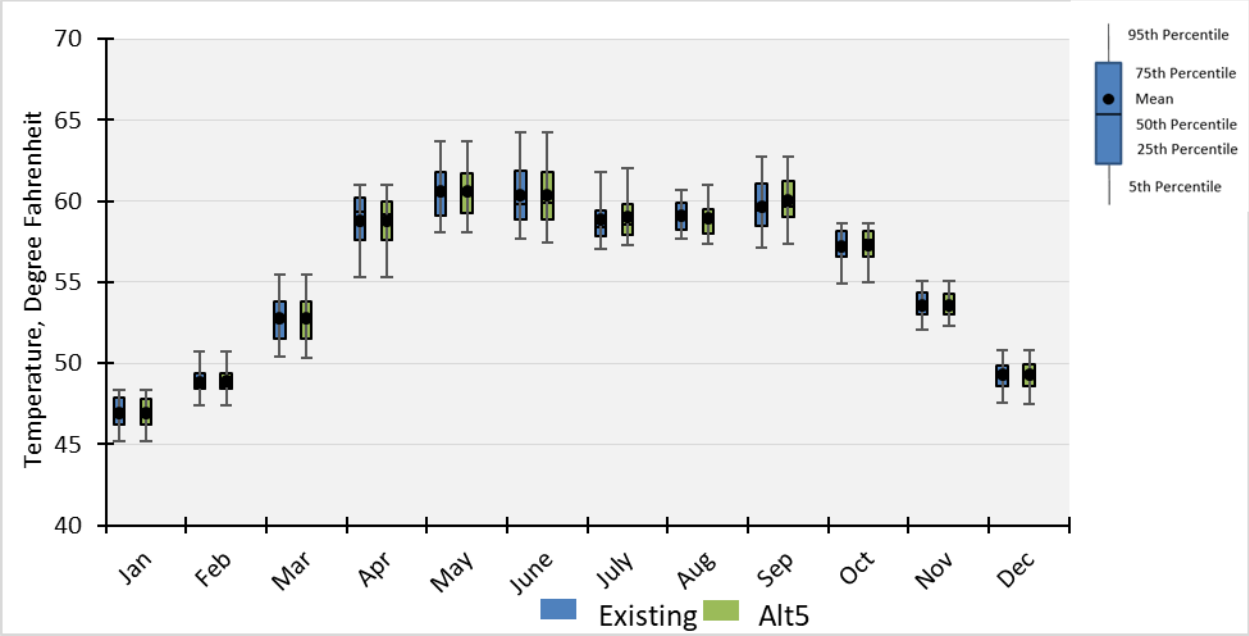
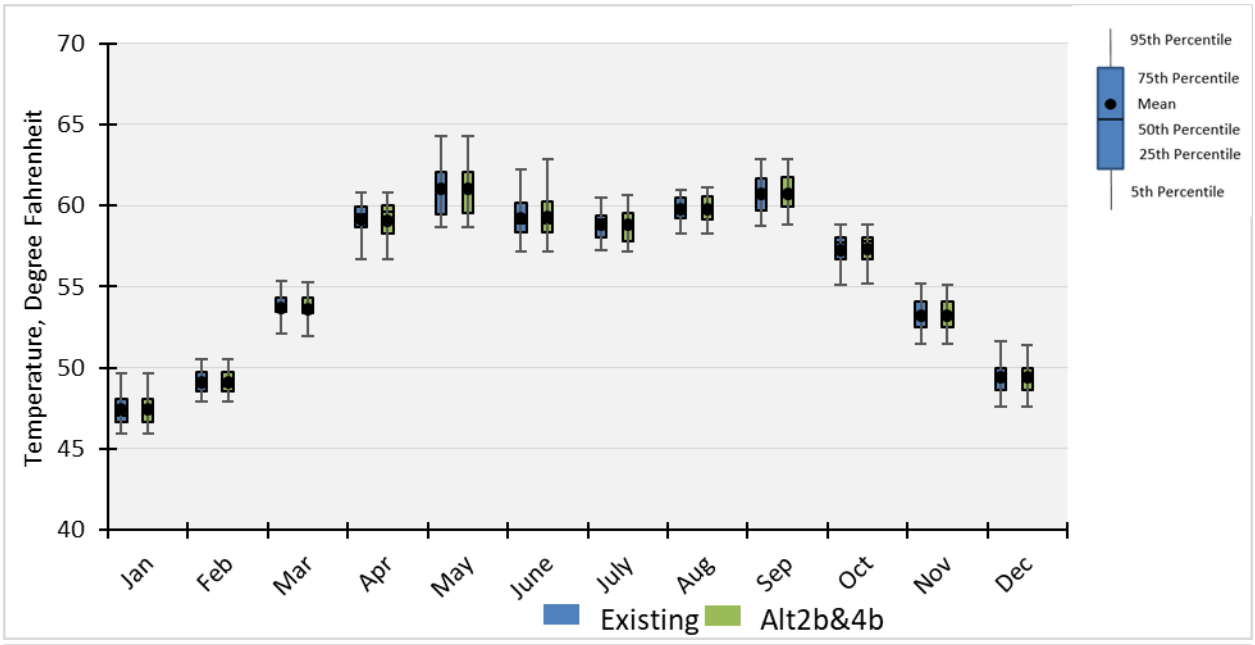


Figure 5A-D1.26.31. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



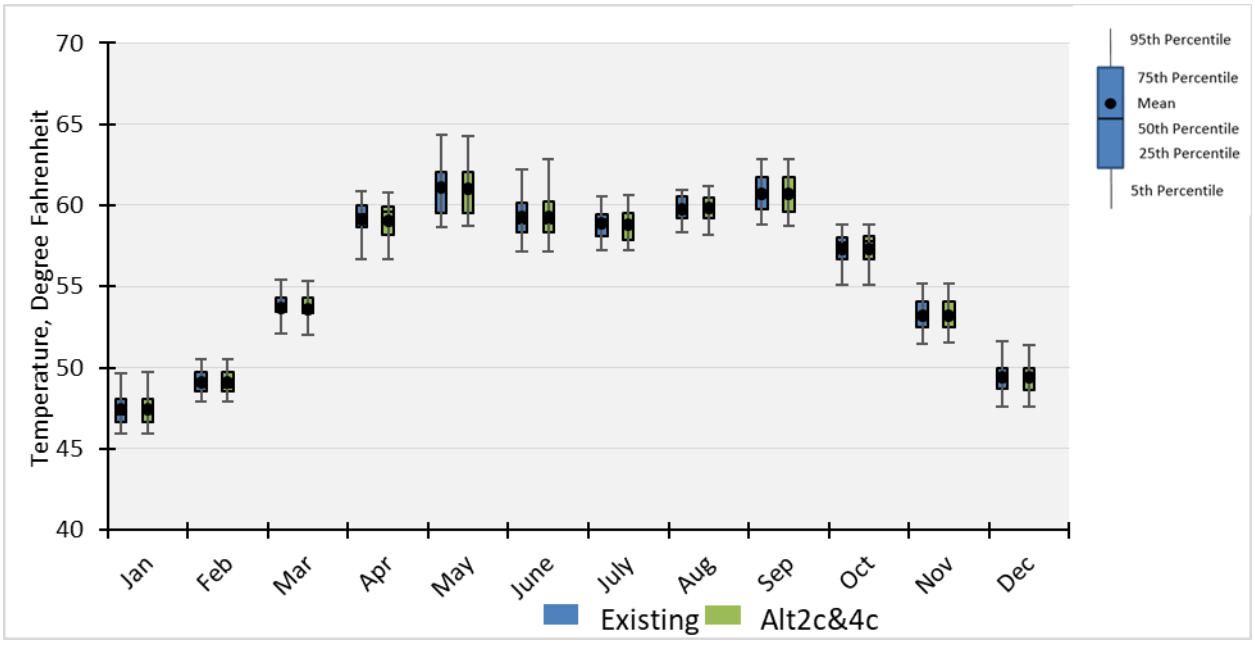
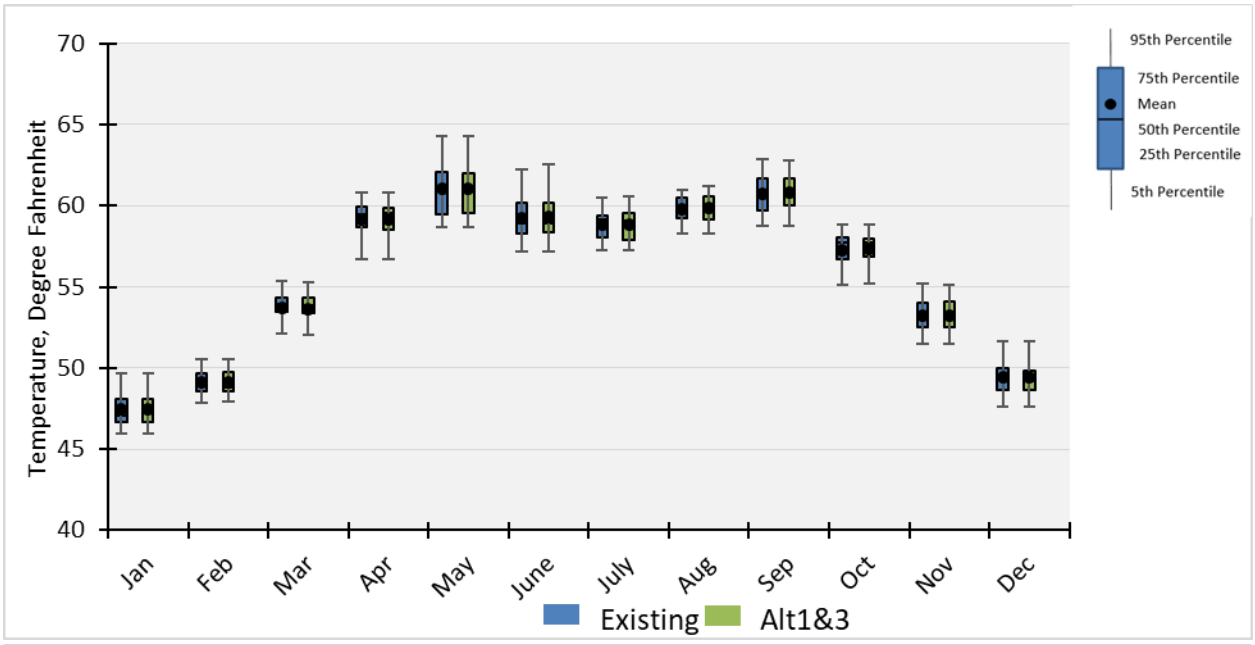


Figure 5A-D1.26.32. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



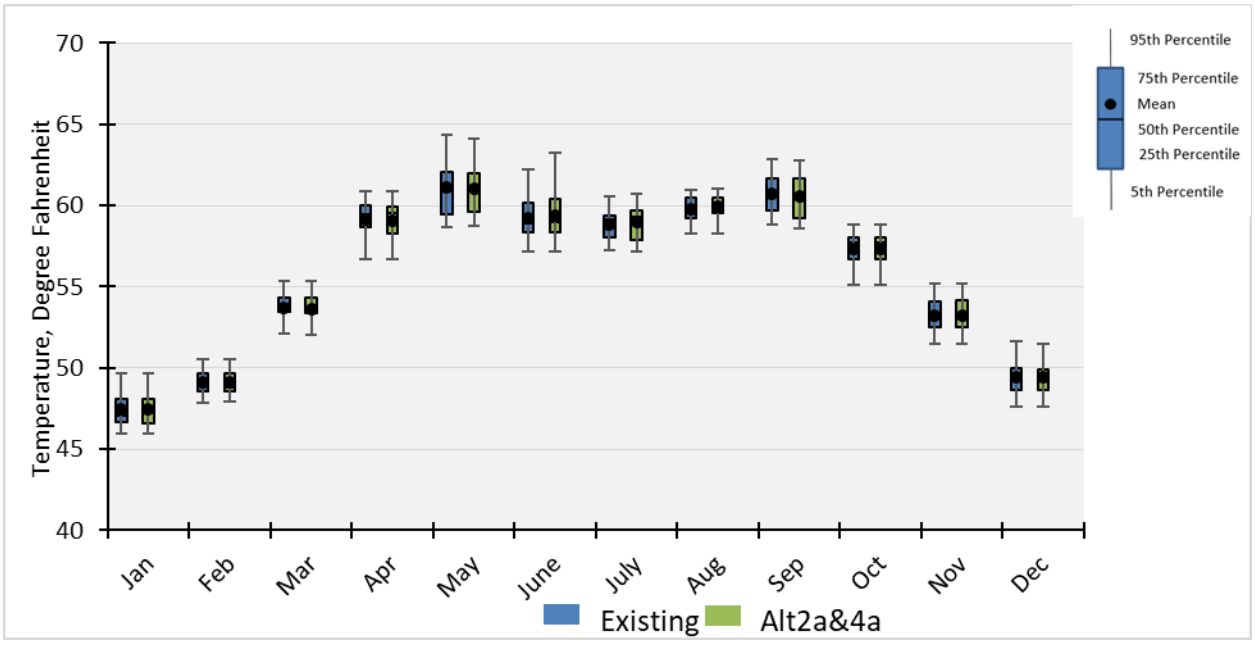


Figure 5A-D1.26.33. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

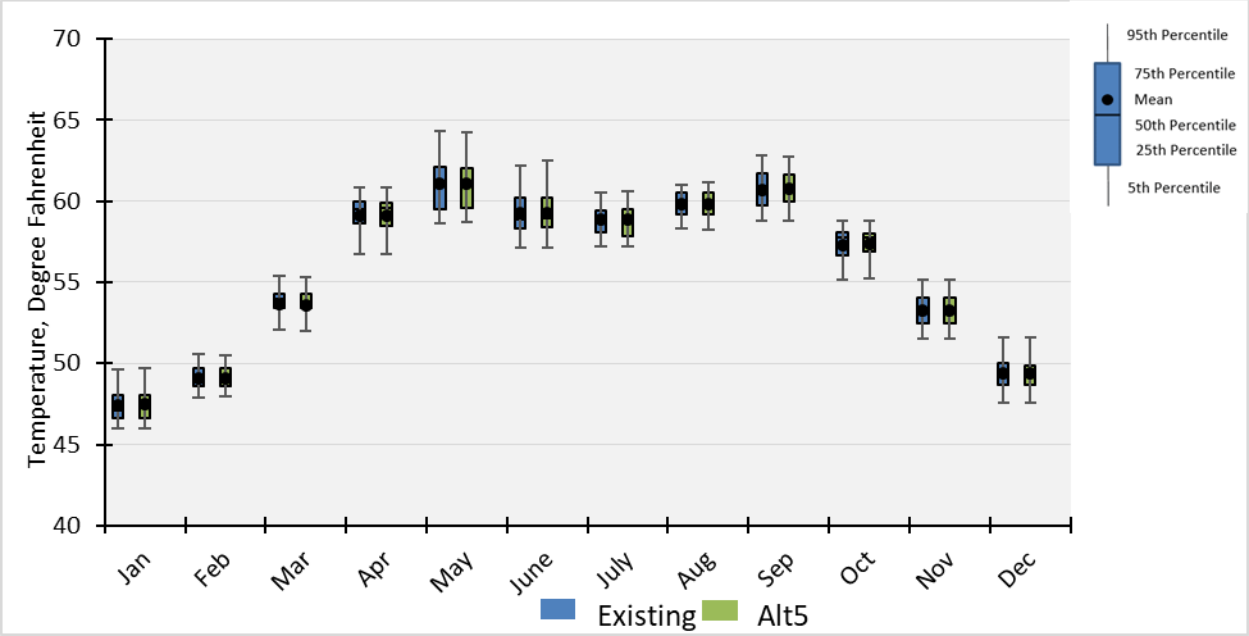
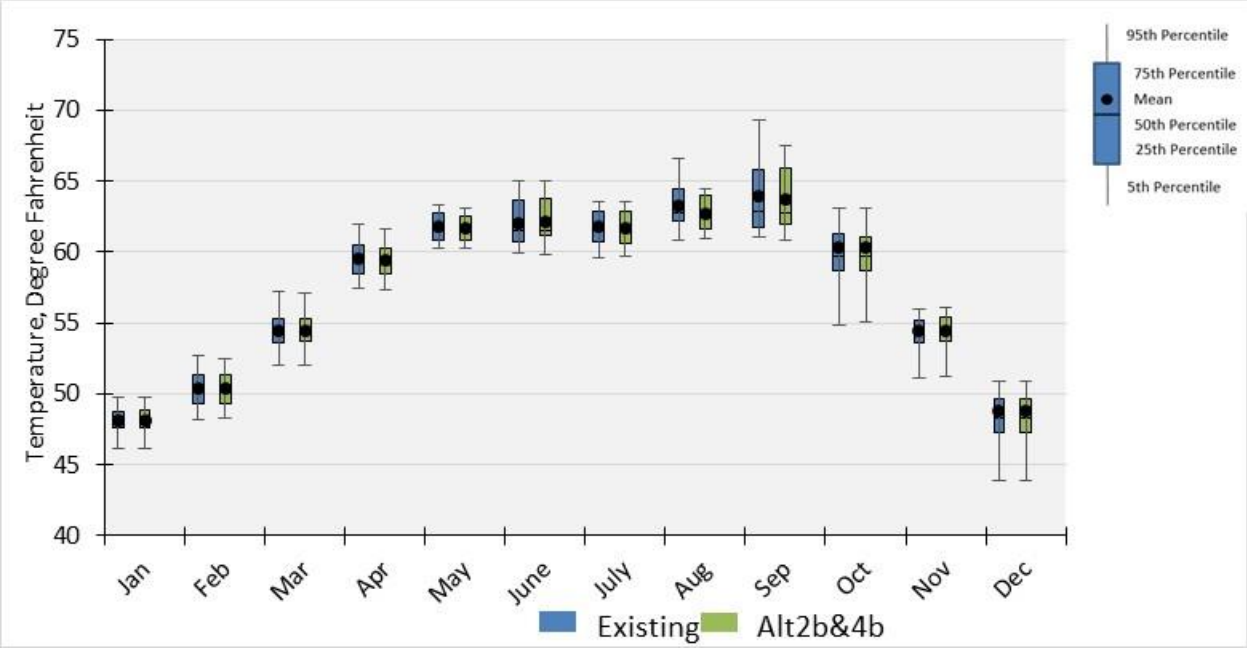


Figure 5A-D1.26.34. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



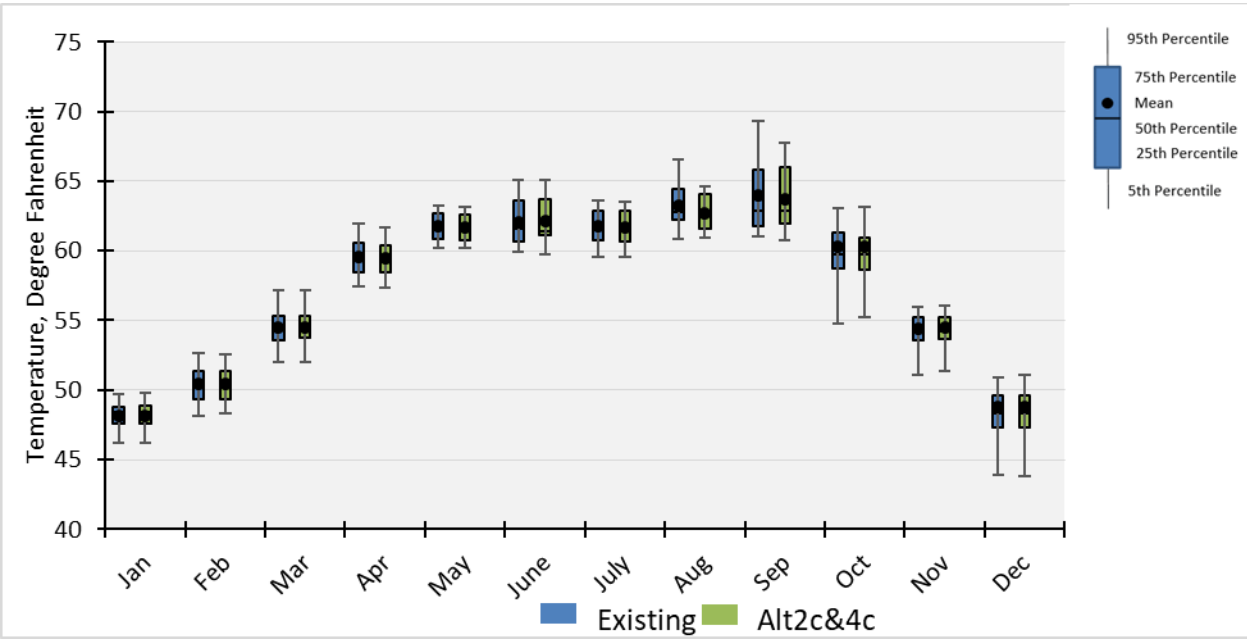
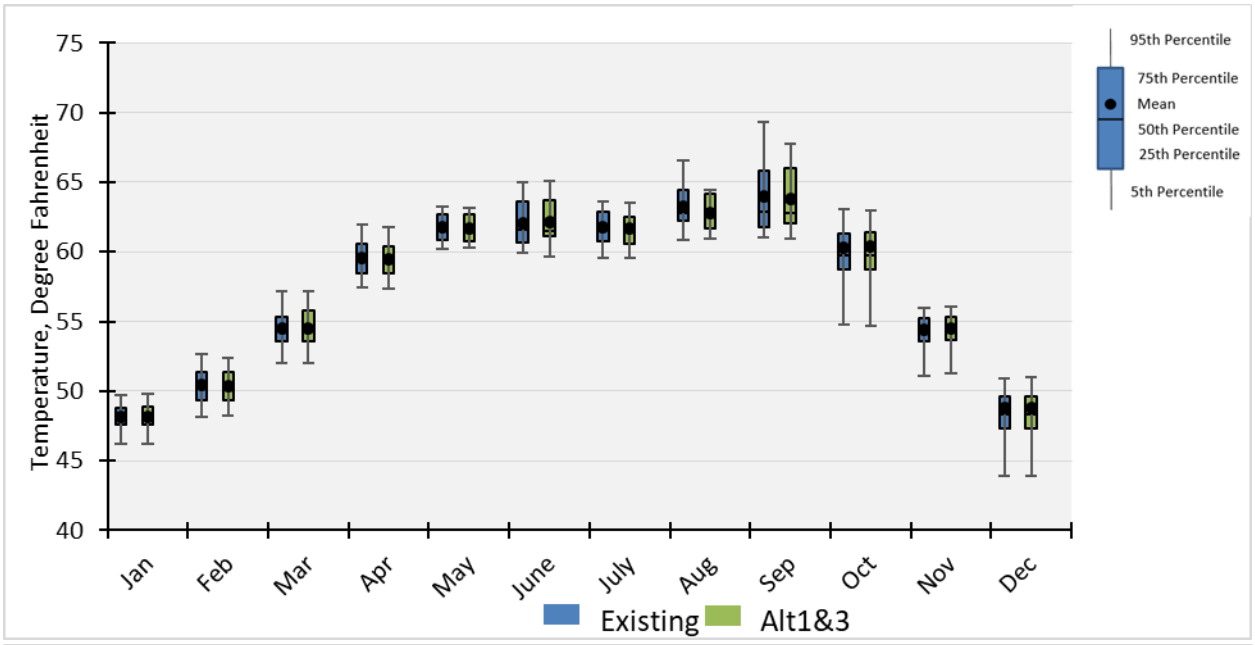


Figure 5A-D1.26.35. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



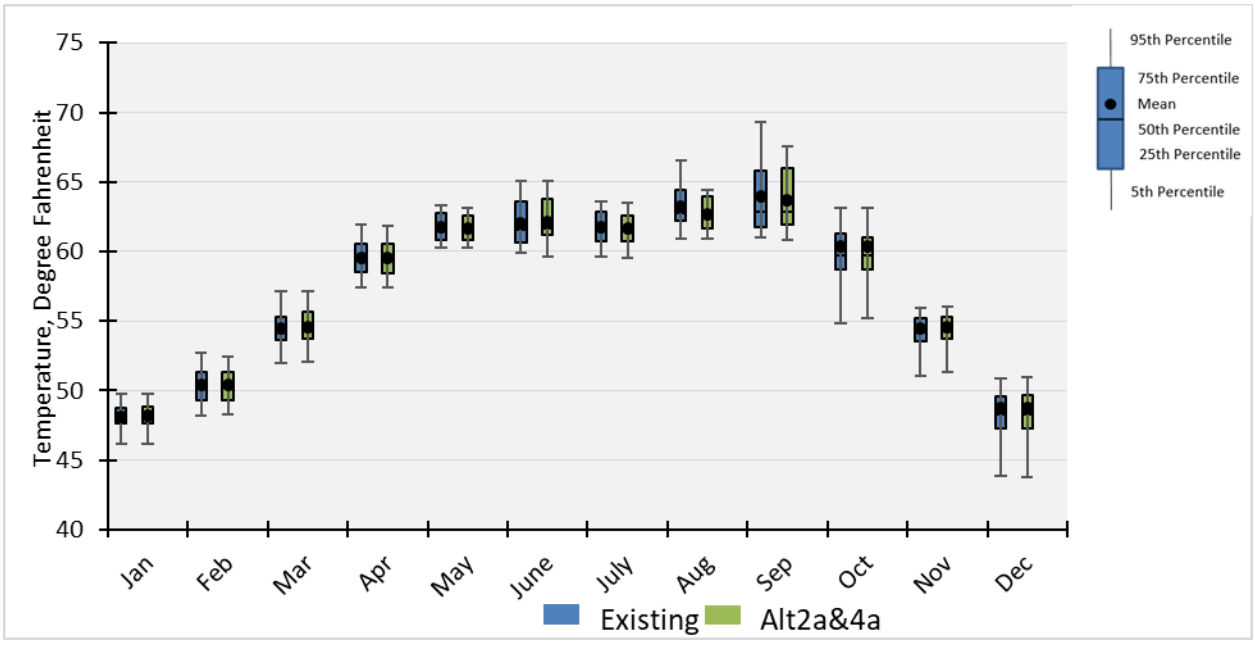


Figure 5A-D1.26.36. Sacramento River at Woodson Bridge, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

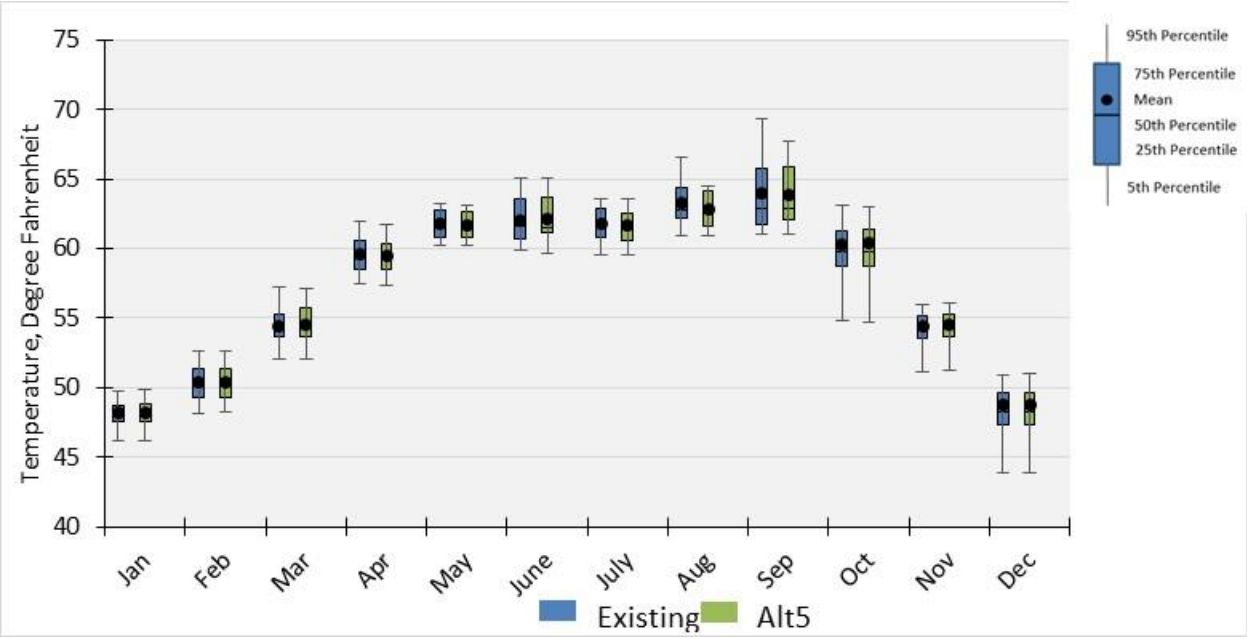
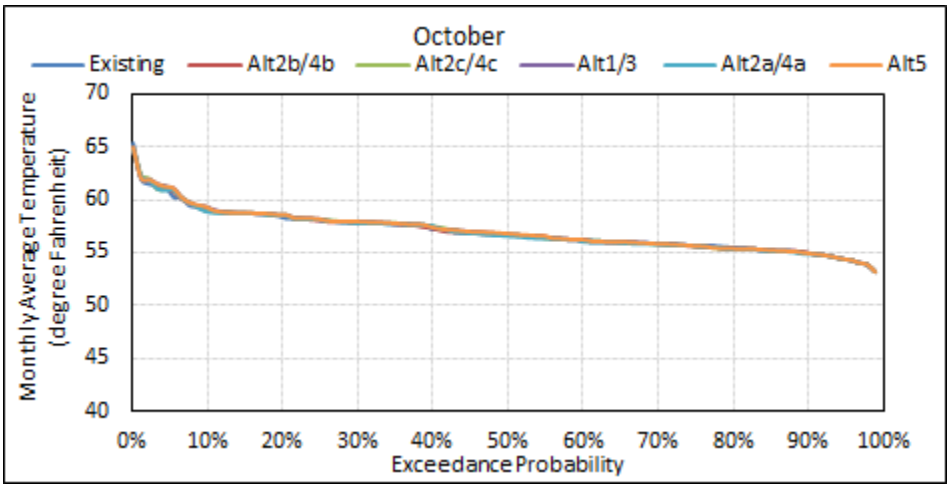
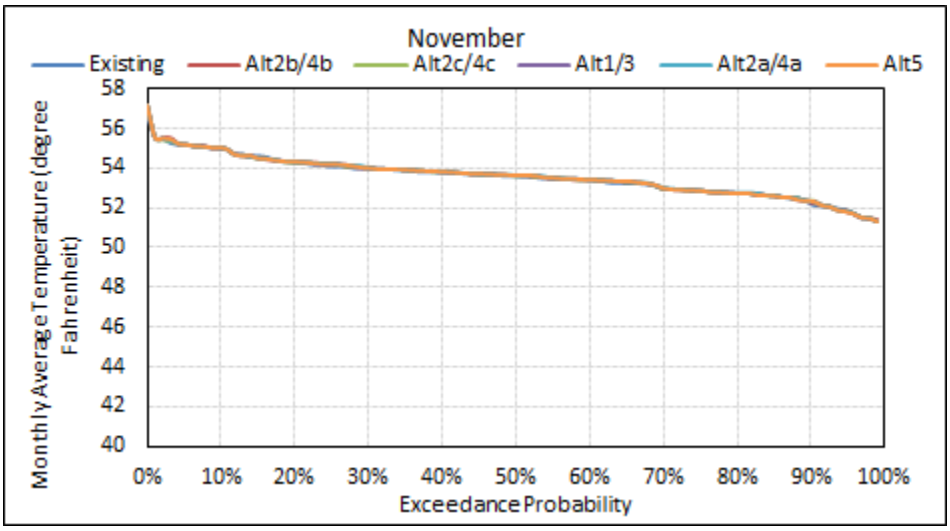


Figure 5A-D1.26.37-A. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





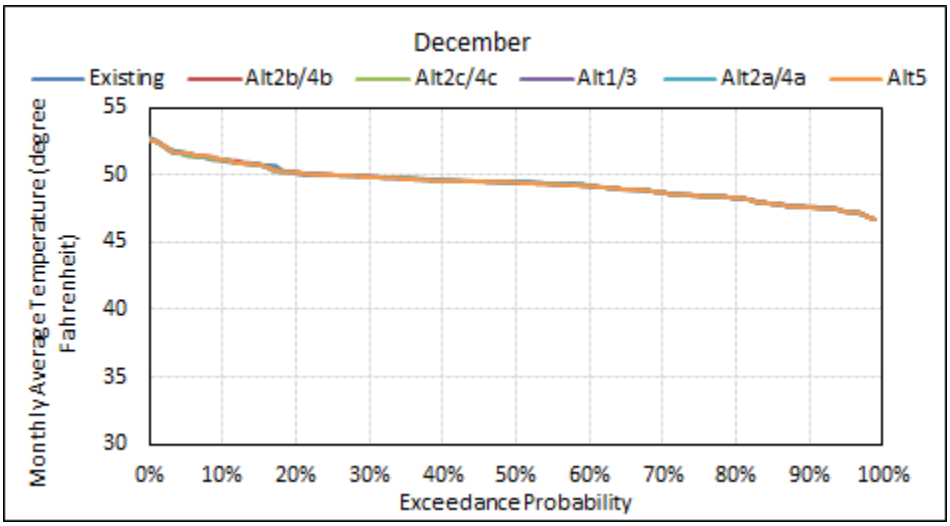
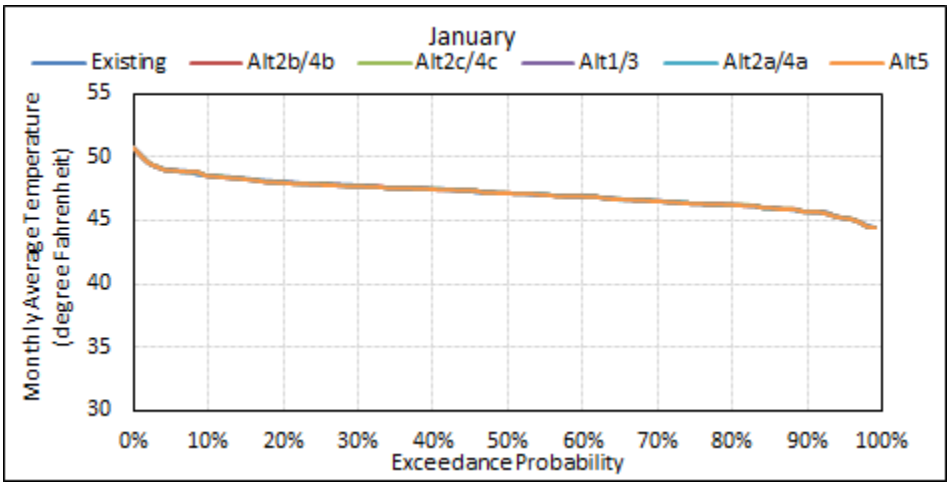
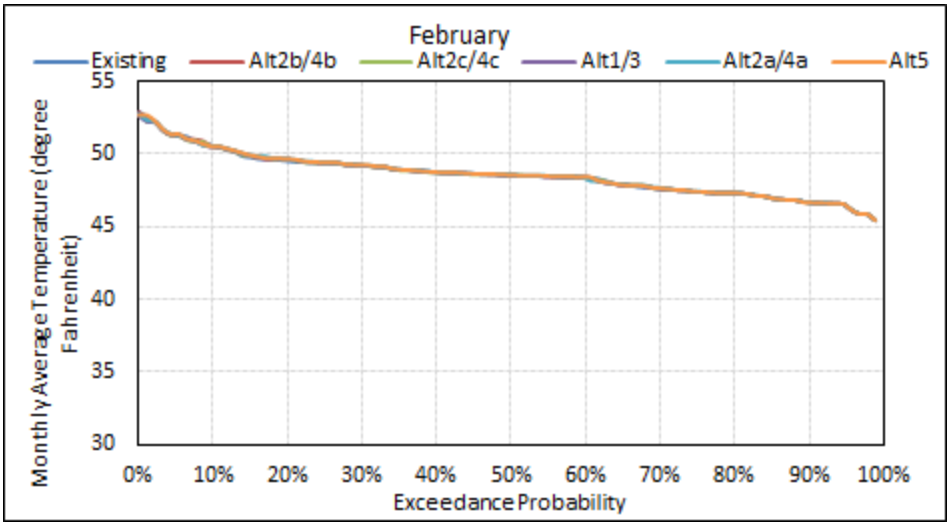


Figure 5A-D1.26.37-B. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





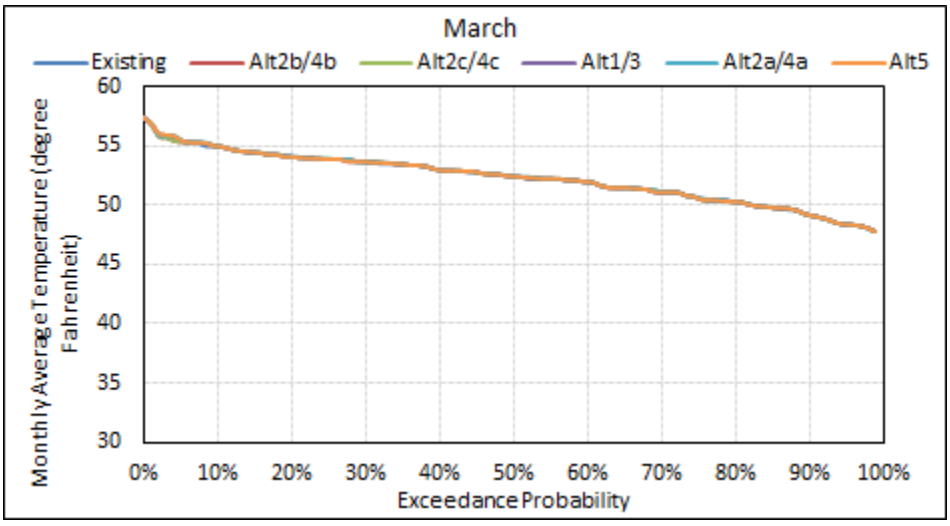
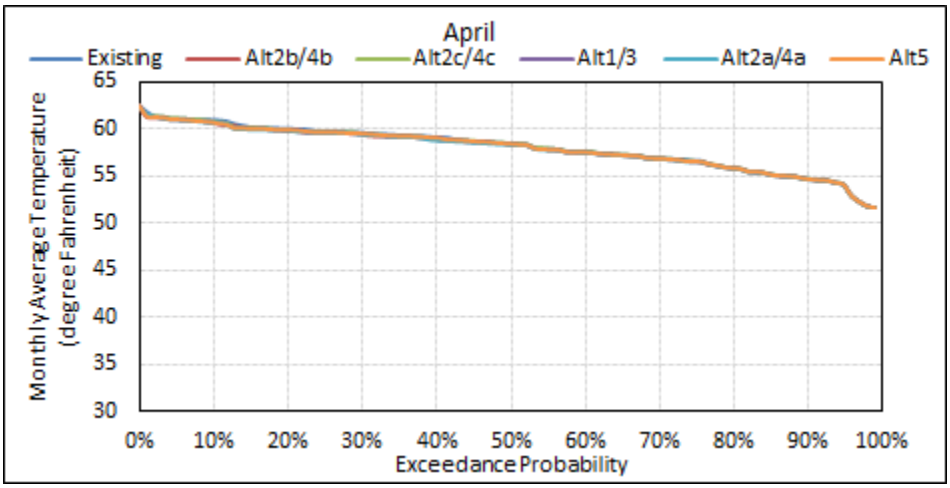
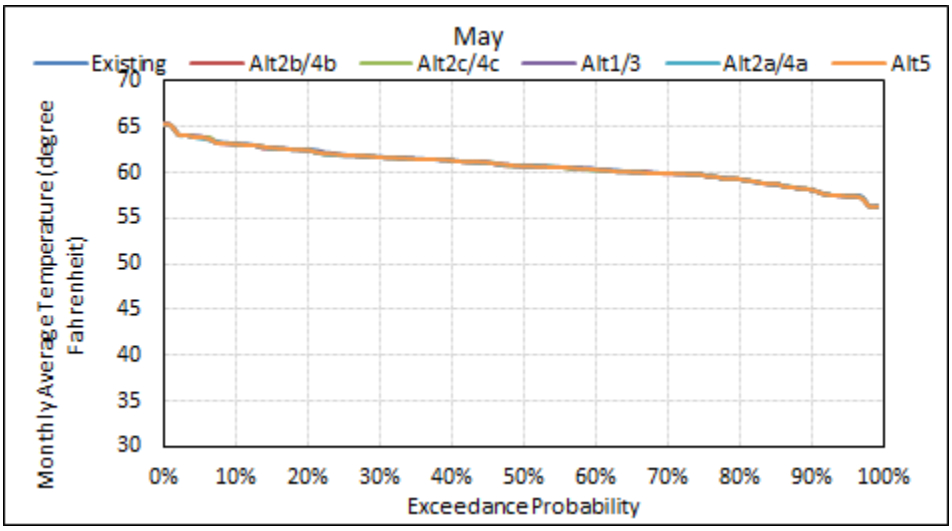


Figure 5A-D1.26.37-C. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





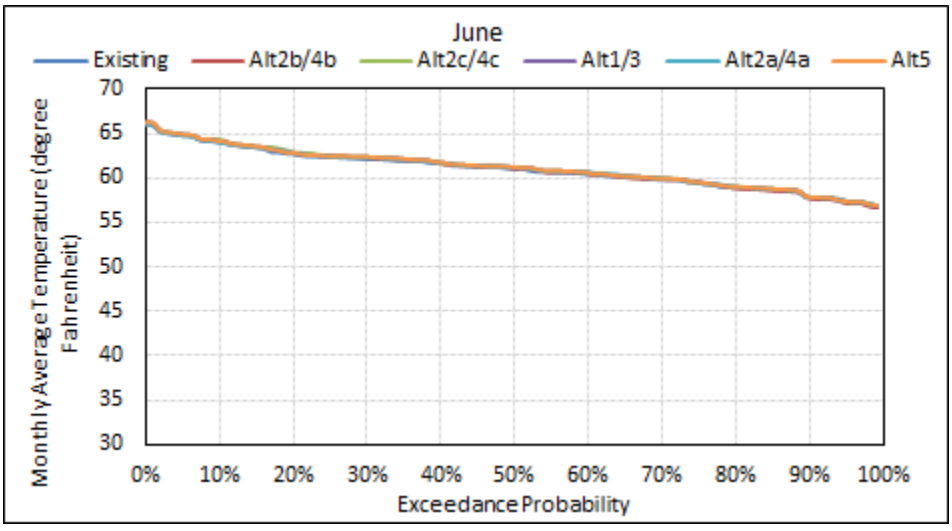
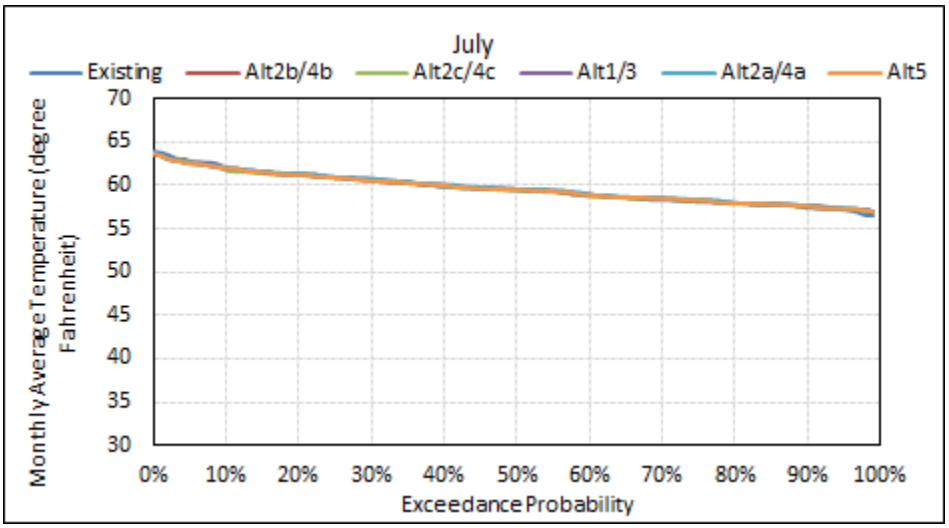
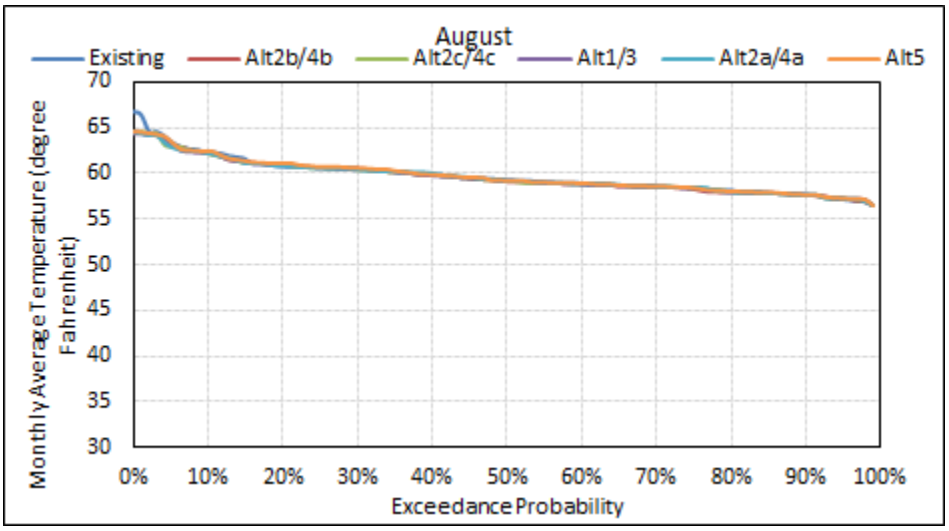


Figure 5A-D1.26.37-D. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





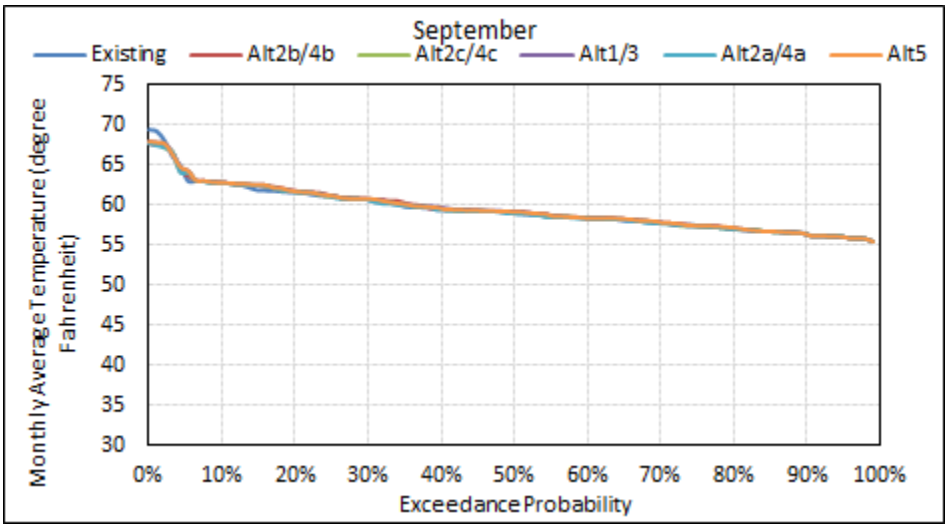


Figure 5A-D1.26.38. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

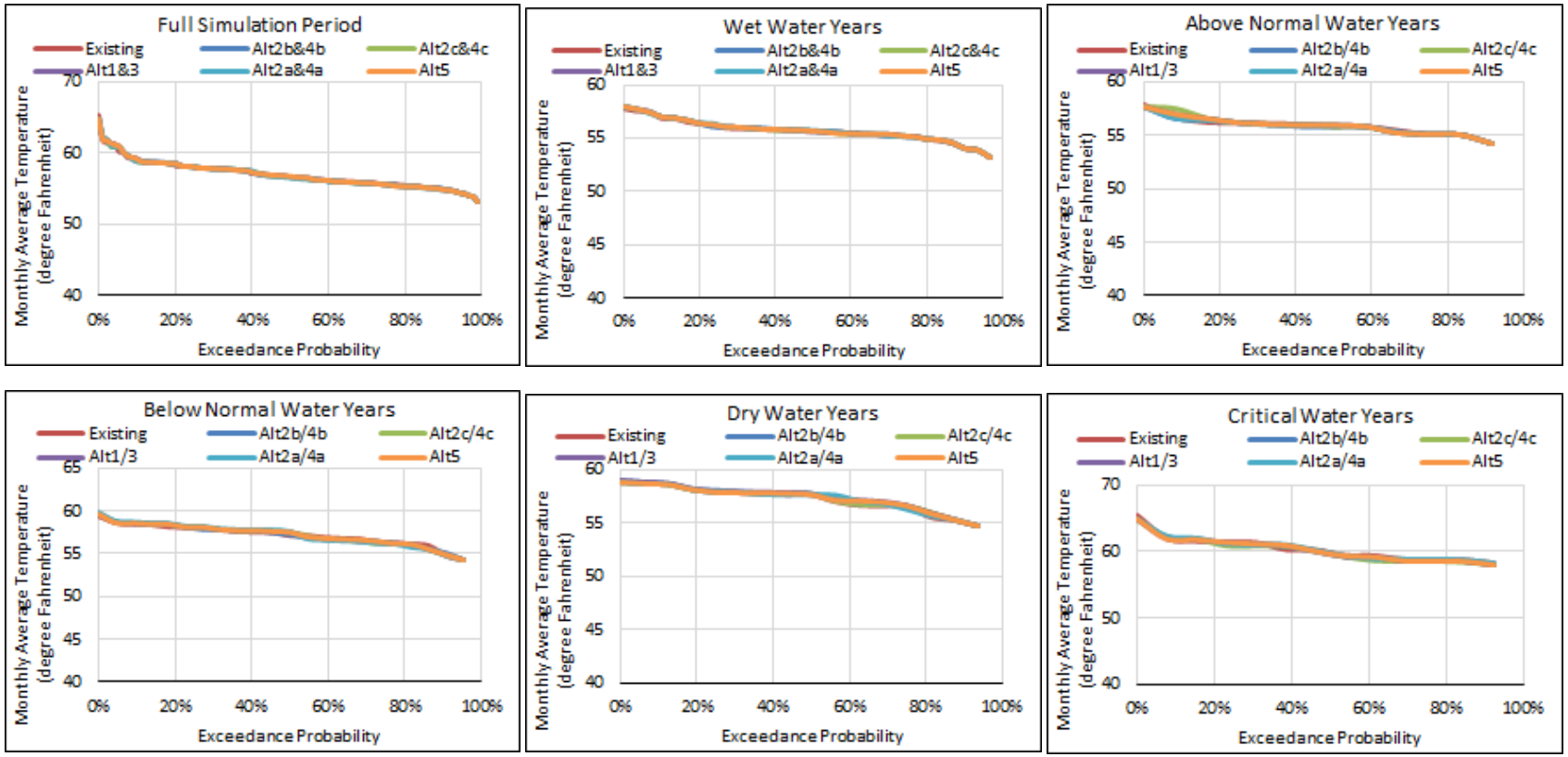


Figure 5A-D1.26.39. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

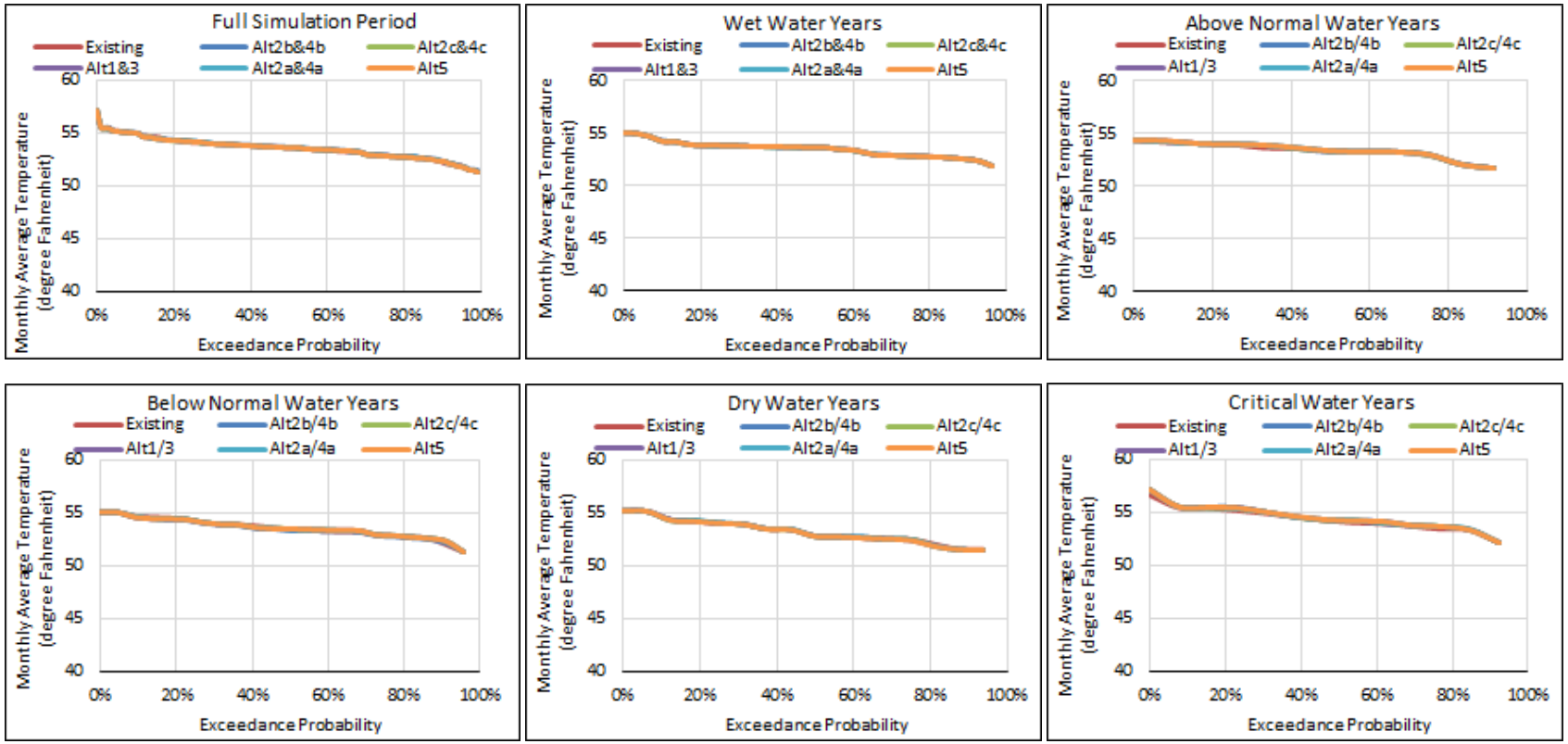


Figure 5A-D1.26.40. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

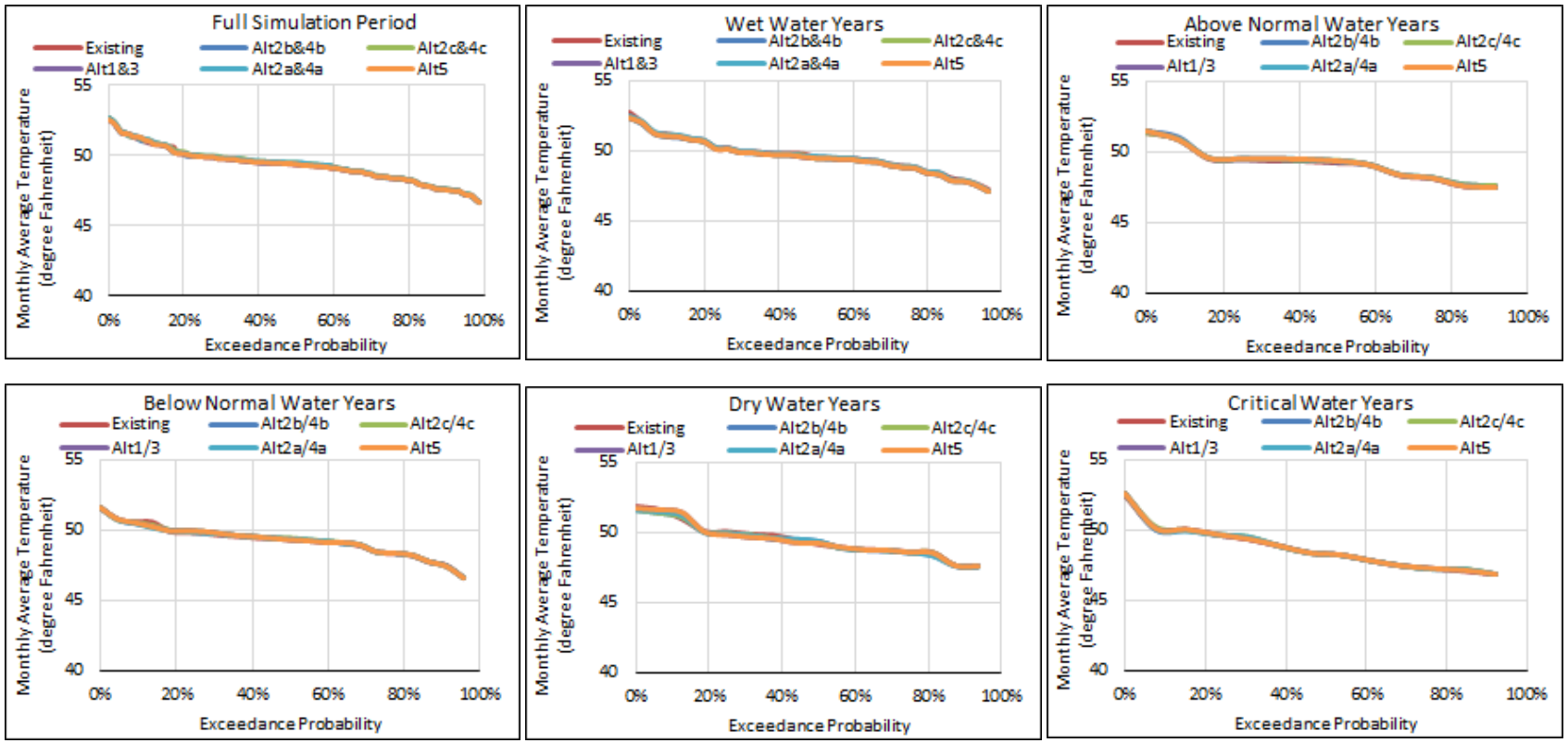


Figure 5A-D1.26.41. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

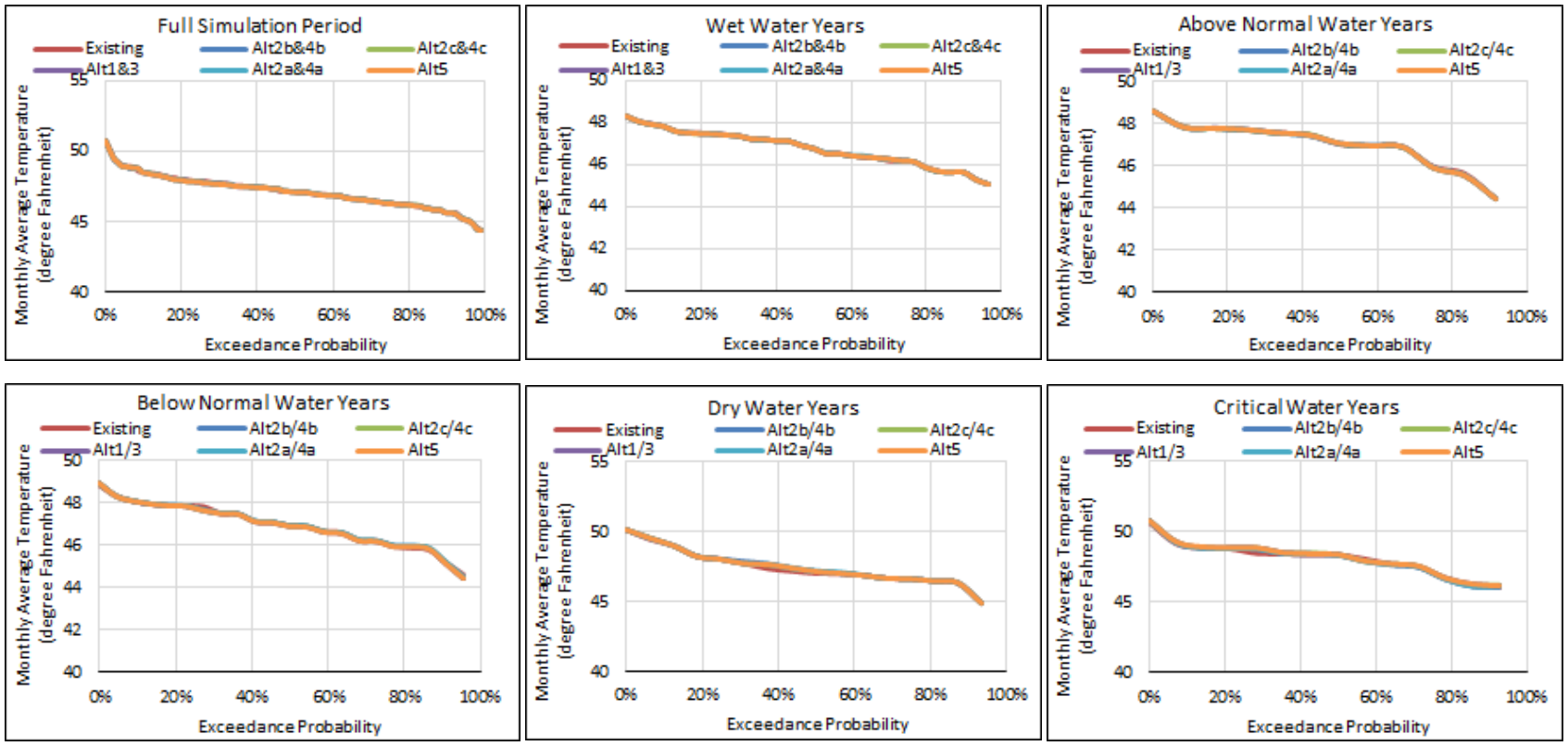


Figure 5A-D1.26.42. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

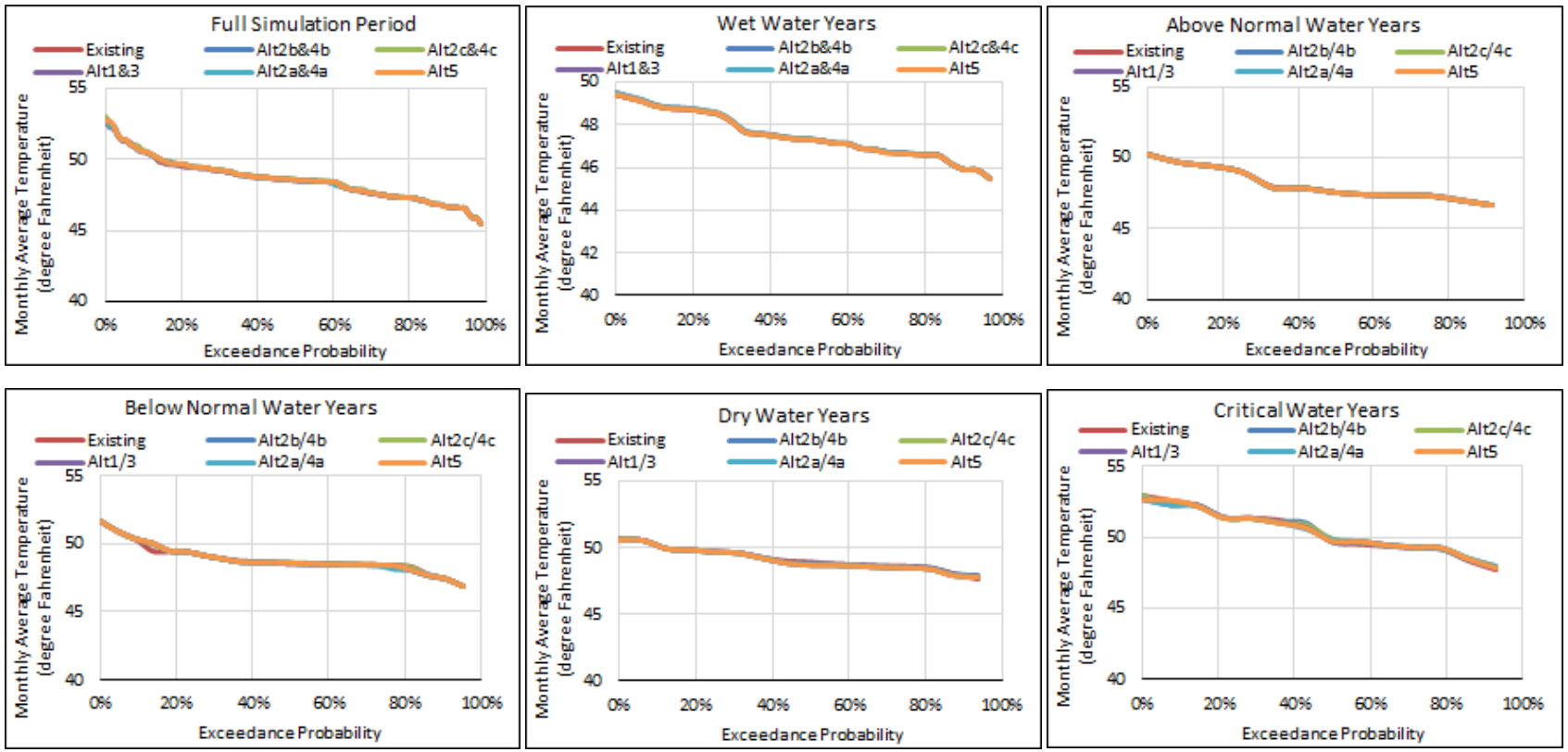


Figure 5A-D1.26.43. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

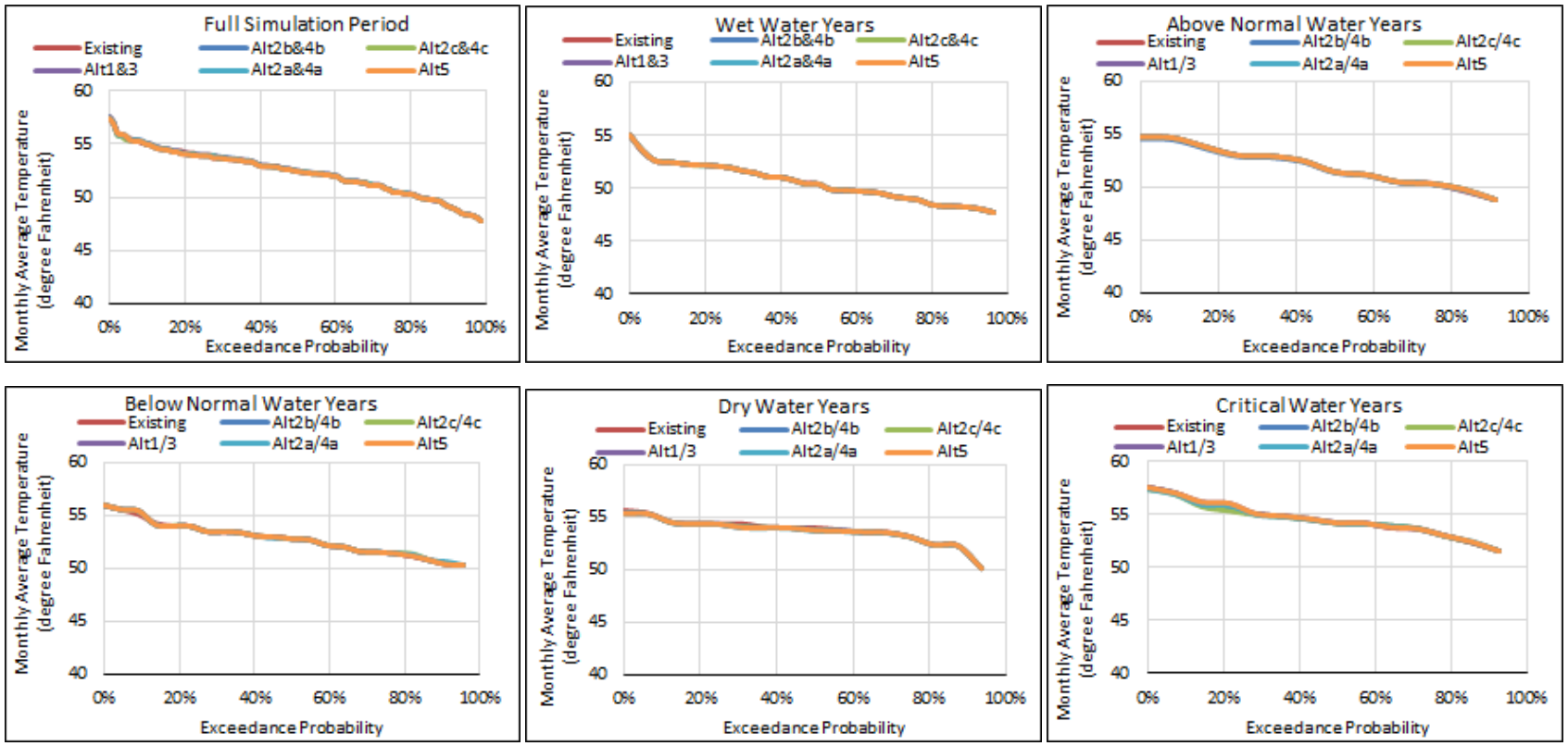


Figure 5A-D1.26.44. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

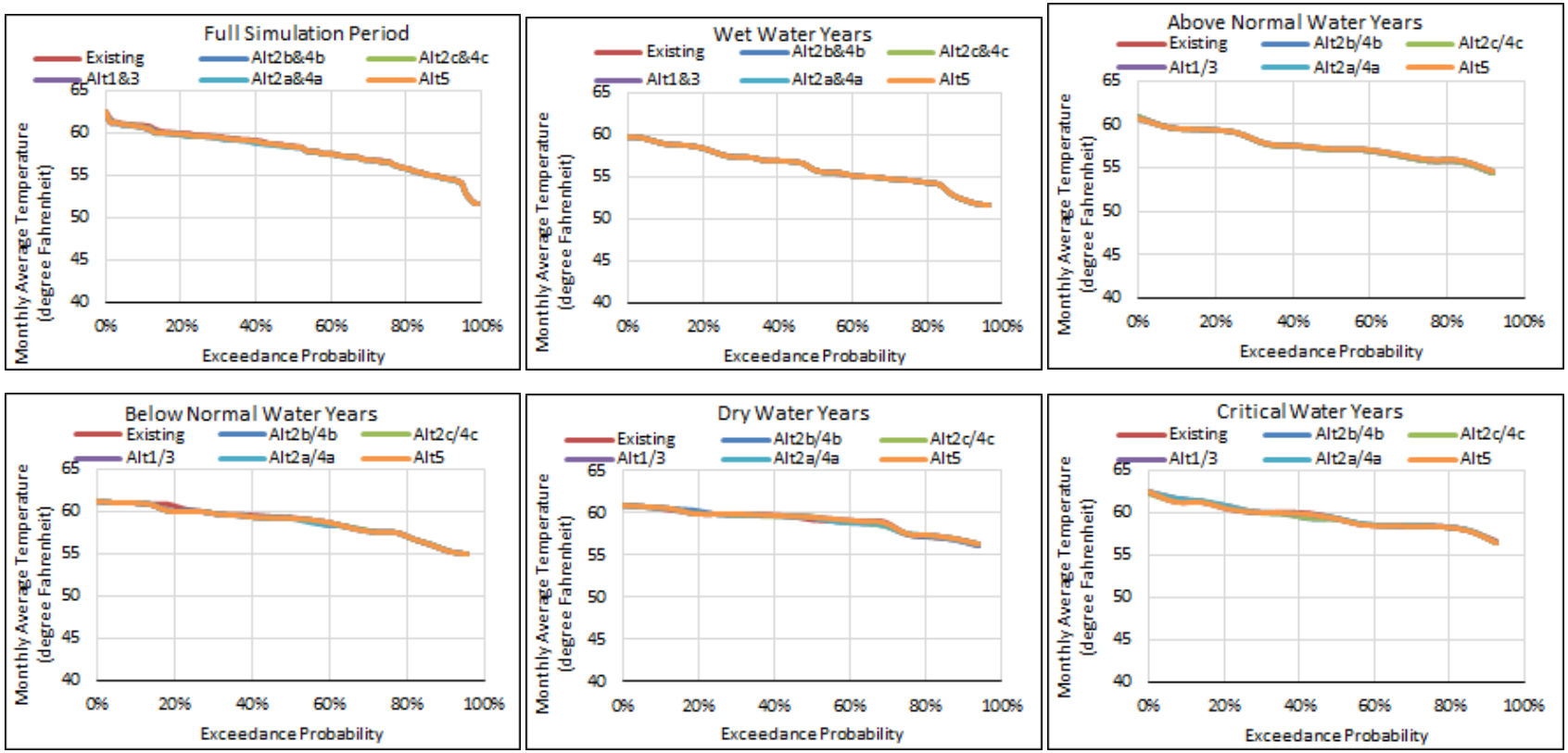


Figure 5A-D1.26.45. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

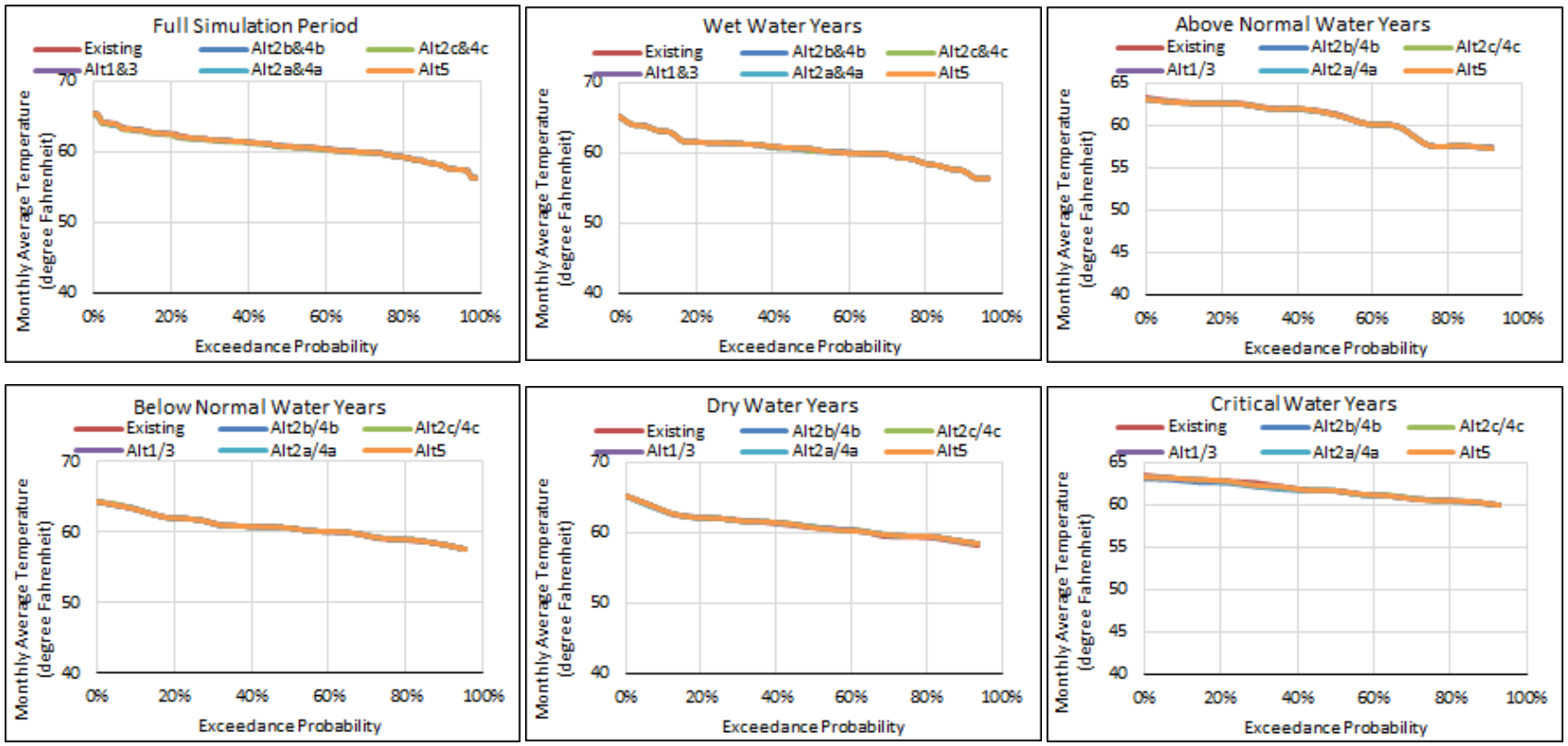


Figure 5A-D1.26.46. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

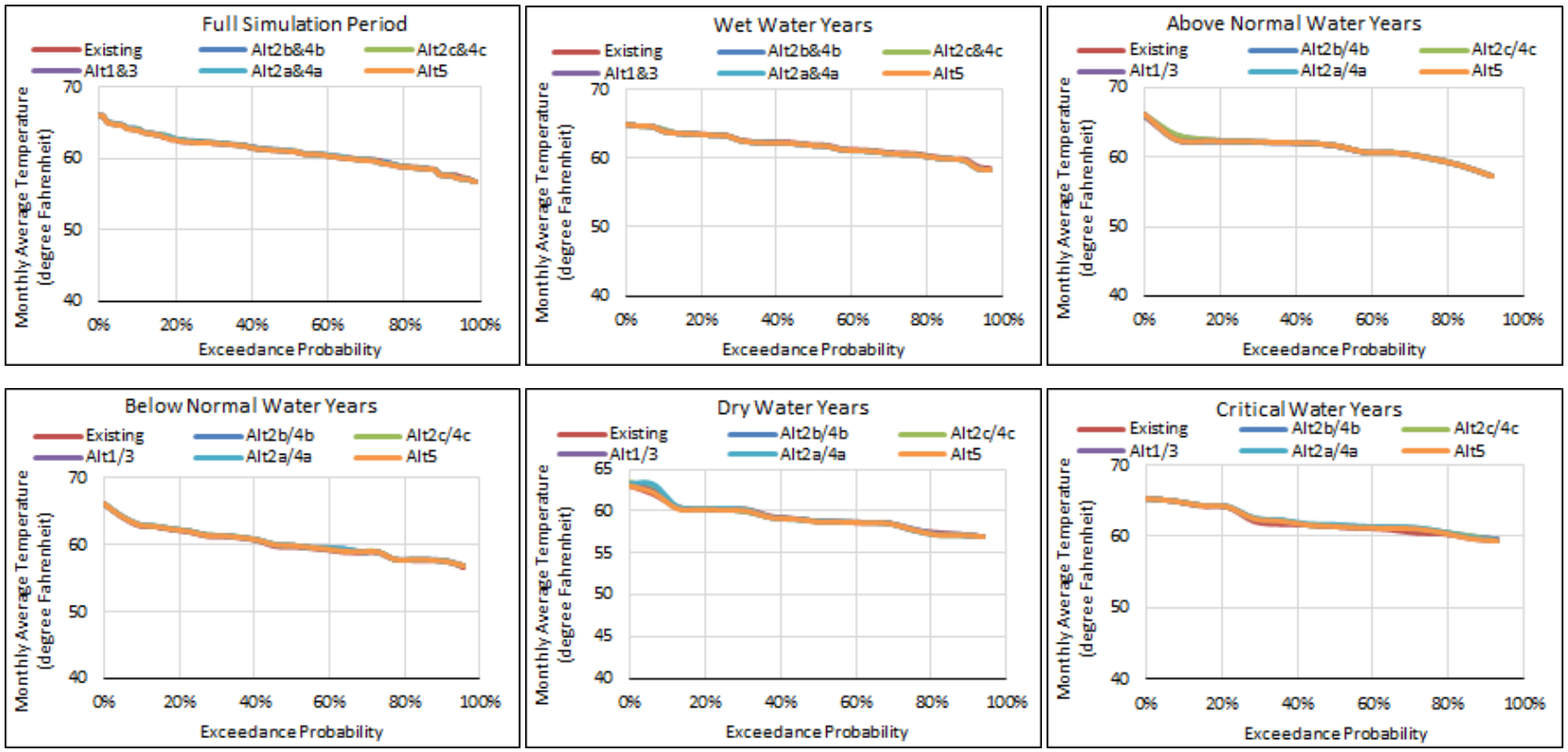


Figure 5A-D1.26.47. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

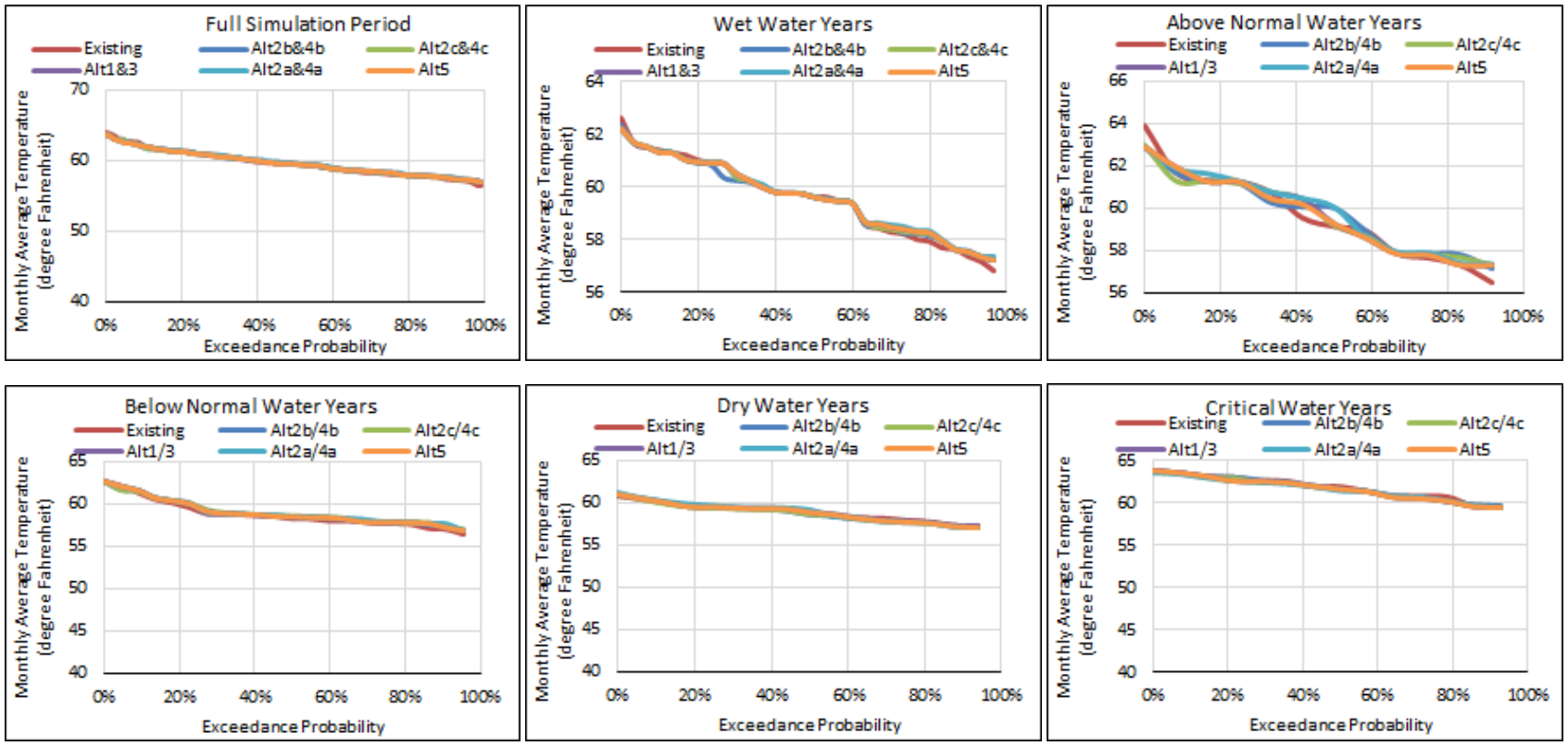


Figure 5A-D1.26.48. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

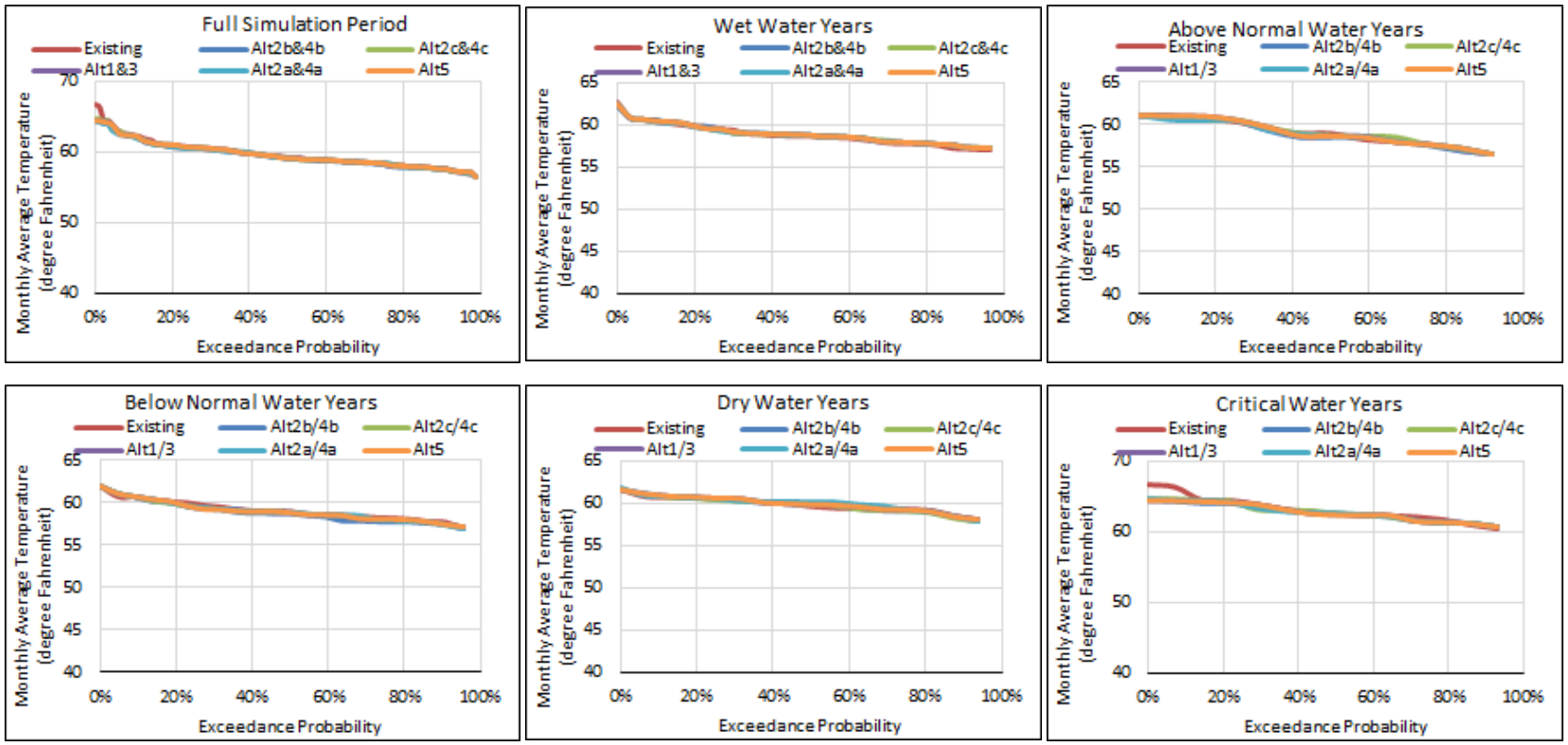
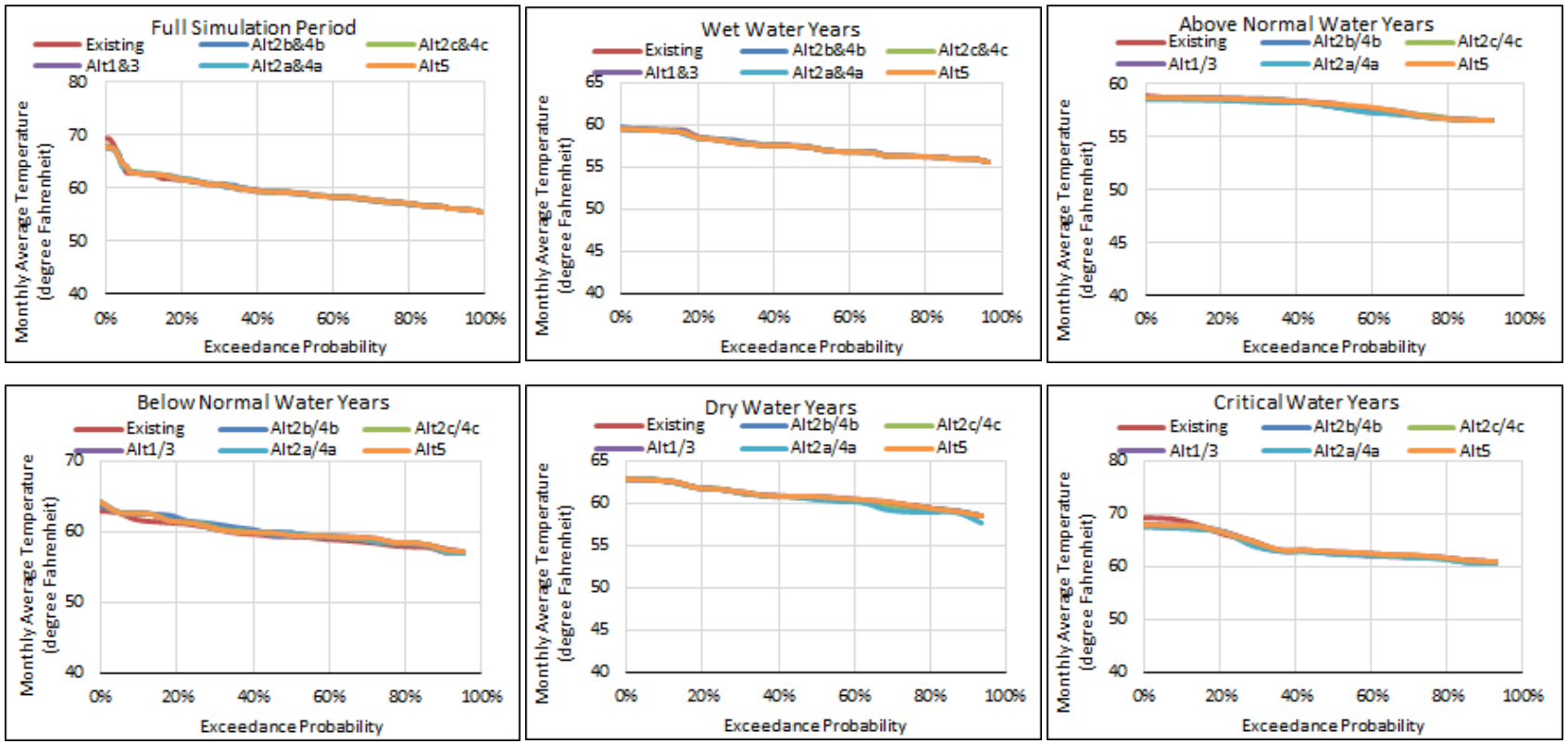


Figure 5A-D1.26.49. Sacramento River at Woodson Bridge, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.27 Stony Creek Above Sacramento

Table 5A-D1.27.1-A. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	69.9	60.1	51.7	50.7	57.0	64.9	68.7	74.3	78.1	81.1	81.1	76.5
20%	69.2	59.1	51.0	49.4	55.2	64.2	67.6	72.8	77.2	80.5	80.1	76.0
30%	68.6	58.3	50.1	48.3	53.7	62.7	66.9	72.2	76.8	79.6	79.6	75.6
40%	68.1	58.0	49.3	46.7	52.9	61.7	66.3	71.5	76.2	79.4	79.3	75.3
50%	67.4	57.8	48.4	46.1	49.9	60.5	65.8	71.0	75.7	79.0	78.9	74.9
60%	66.9	57.4	48.2	45.6	48.8	59.5	65.2	70.5	75.4	78.5	78.6	74.4
70%	66.4	57.0	47.6	45.0	48.0	54.9	64.5	69.6	75.0	78.1	78.2	74.0
80%	65.4	56.3	47.1	44.8	47.4	53.6	62.9	68.4	74.4	77.6	77.2	73.5
90%	64.3	55.5	46.5	44.2	46.5	51.8	57.9	61.9	73.5	77.1	76.8	73.1

Table 5A-D1.27.1-B. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.4	57.8	49.0	47.0	51.2	59.2	65.0	70.0	75.6	79.0	78.9	74.7
Wet Water Years	67.9	57.7	48.7	45.2	48.4	55.4	62.1	66.9	74.4	78.3	78.0	74.2
Above Normal Water Years	67.7	57.4	48.7	45.7	48.7	56.9	65.2	69.7	75.4	78.8	78.1	74.9
Below Normal Water Years	66.8	57.7	48.5	46.9	52.0	61.2	65.5	70.9	75.9	79.2	79.4	75.1
Dry Water Years	66.6	57.6	49.3	48.5	52.6	61.4	66.7	71.8	75.8	78.9	79.0	74.6
Critical Water Years	68.3	58.4	50.1	50.3	56.5	63.7	68.1	73.2	77.8	80.8	80.5	75.3

Table 5A-D1.27.1-C. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	69.9	60.0	51.7	50.8	57.0	64.7	68.7	74.2	78.0	81.1	81.1	76.5
20%	69.2	59.1	51.0	49.3	55.2	64.1	67.7	72.8	77.2	80.4	80.1	76.0
30%	68.6	58.3	50.1	48.2	53.7	62.6	67.0	72.2	76.8	79.6	79.6	75.6
40%	68.1	58.0	49.3	46.7	52.9	61.7	66.3	71.5	76.2	79.4	79.3	75.3
50%	67.4	57.8	48.4	46.1	49.9	60.2	65.8	71.0	75.7	79.0	78.9	74.9
60%	66.9	57.4	48.2	45.6	48.8	59.3	65.2	70.5	75.3	78.5	78.7	74.4
70%	66.4	57.0	47.6	45.0	48.0	54.9	64.3	69.6	74.9	78.1	78.2	74.0
80%	65.4	56.3	47.1	44.8	47.4	53.5	62.9	68.4	74.3	77.6	77.2	73.5
90%	64.3	55.5	46.5	44.2	46.5	51.7	57.9	61.9	73.4	77.1	76.7	73.1

Table 5A-D1.27.1-D. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.4	57.7	49.0	46.9	51.2	59.1	65.0	70.0	75.6	79.0	78.9	74.7
Wet Water Years	67.9	57.7	48.7	45.2	48.4	55.4	62.1	66.9	74.4	78.3	78.0	74.2
Above Normal Water Years	67.7	57.4	48.7	45.7	48.7	56.8	65.1	69.7	75.4	78.8	78.2	74.9
Below Normal Water Years	66.8	57.7	48.5	46.9	52.0	61.2	65.5	70.9	75.9	79.2	79.4	75.1
Dry Water Years	66.6	57.6	49.3	48.5	52.6	60.9	66.7	71.8	75.8	78.9	79.0	74.5
Critical Water Years	68.3	58.3	50.1	50.1	56.5	63.7	68.1	73.2	77.8	80.8	80.5	75.4

Table 5A-D1.27.1-E. Stony Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	0.0
20%	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	-0.3	0.1	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.1-F. Stony Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years	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	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.1-G. Stony Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.3%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%
20%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
40%	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%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.27.1-H. Stony Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	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 Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	-0.1%	0.1%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.27.2-A. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	69.9	60.0	51.7	50.8	56.9	64.7	68.8	74.2	78.0	81.1	81.1	76.5
20%	69.2	59.1	51.0	49.3	55.0	64.1	67.7	72.8	77.2	80.5	80.1	76.0
30%	68.6	58.3	50.1	48.2	53.7	62.6	67.0	72.2	76.8	79.6	79.6	75.6
40%	68.1	58.0	49.3	46.7	52.9	61.7	66.3	71.5	76.2	79.4	79.4	75.3
50%	67.4	57.8	48.4	46.1	49.9	60.2	65.8	71.0	75.7	79.0	78.9	74.9
60%	66.9	57.4	48.2	45.6	48.8	59.3	65.2	70.5	75.3	78.5	78.6	74.4
70%	66.4	57.0	47.6	45.0	48.0	54.9	64.5	69.6	75.0	78.1	78.2	74.0
80%	65.4	56.3	47.1	44.8	47.4	53.6	62.8	68.4	74.3	77.6	77.3	73.5
90%	64.3	55.5	46.5	44.2	46.5	51.8	58.3	61.9	73.5	77.1	76.8	73.1

Table 5A-D1.27.2-B. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.4	57.7	49.0	46.9	51.1	59.1	64.9	70.0	75.6	79.0	78.9	74.7
Wet Water Years	67.9	57.7	48.7	45.2	48.4	55.4	62.1	66.9	74.4	78.3	78.0	74.2
Above Normal Water Years	67.7	57.4	48.7	45.7	48.7	56.9	65.2	69.7	75.4	78.8	78.1	74.9
Below Normal Water Years	66.8	57.7	48.5	46.9	52.0	61.2	65.5	70.9	75.9	79.2	79.4	75.1
Dry Water Years	66.6	57.6	49.3	48.5	52.6	60.9	66.7	71.8	75.8	78.9	79.0	74.6
Critical Water Years	68.3	58.3	50.1	50.1	56.1	63.7	68.1	73.2	77.8	80.9	80.5	75.4

Table 5A-D1.27.2-C. Stony Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	0.0
20%	0.0	0.0	0.0	-0.1	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.2-D. Stony Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years	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	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	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 Water Years	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	-0.1	0.0	-0.2	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.2-E. Stony Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	-0.2%	0.0%	0.0%	-0.1%	-0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
20%	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
40%	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%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.27.2-F. Stony Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	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	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	-0.1%	0.1%	-0.4%	-0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.27.3-A. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	69.9	60.0	51.7	50.8	57.0	64.7	68.8	74.2	78.0	81.1	81.1	76.5
20%	69.2	59.1	51.0	49.3	55.2	64.1	67.7	72.8	77.2	80.4	80.1	76.0
30%	68.6	58.3	50.1	48.2	53.7	62.6	66.9	72.2	76.8	79.6	79.6	75.6
40%	68.1	58.0	49.3	46.8	52.9	61.7	66.3	71.5	76.2	79.4	79.3	75.3
50%	67.4	57.8	48.5	46.1	49.8	60.2	65.8	71.0	75.7	79.0	78.9	74.9
60%	66.9	57.4	48.2	45.6	48.9	59.3	65.4	70.5	75.3	78.5	78.6	74.4
70%	66.4	57.0	47.6	45.0	47.9	55.0	64.3	69.6	74.9	78.1	78.2	74.0
80%	65.4	56.3	47.1	44.8	47.4	53.5	62.8	68.4	74.3	77.6	77.2	73.5
90%	64.3	55.5	46.5	44.2	46.5	51.6	57.9	61.9	73.4	77.1	76.8	73.1

Table 5A-D1.27.3-B. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.4	57.7	49.0	46.9	51.2	59.1	64.9	70.0	75.6	79.0	78.9	74.7
Wet Water Years	67.9	57.7	48.7	45.2	48.4	55.4	62.0	66.9	74.4	78.3	78.0	74.2
Above Normal Water Years	67.7	57.4	48.7	45.7	48.7	56.8	65.1	69.7	75.4	78.8	78.1	74.9
Below Normal Water Years	66.8	57.7	48.5	46.9	52.0	61.2	65.5	70.9	75.9	79.2	79.4	75.1
Dry Water Years	66.6	57.6	49.3	48.5	52.5	60.8	66.7	71.8	75.8	78.9	79.0	74.5
Critical Water Years	68.3	58.3	50.1	50.1	56.5	63.7	68.2	73.2	77.8	80.8	80.5	75.4

Table 5A-D1.27.3-C. Stony Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.1	0.0	-0.1	-0.3	0.1	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.1	-0.2	0.2	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.1	-0.2	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.3-D. Stony Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years	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	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.3-E. Stony Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
20%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
40%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.0%	0.1%	0.0%	-0.2%	-0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.27.3-F. Stony Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Wet Water Years	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	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	-0.1%	0.1%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.27.4-A. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	69.9	60.0	51.7	50.8	57.0	64.7	68.7	74.2	78.0	81.1	81.1	76.5
20%	69.2	59.1	51.0	49.3	55.3	64.2	67.7	72.8	77.2	80.4	80.1	76.0
30%	68.6	58.3	50.1	48.2	53.7	62.6	66.9	72.2	76.8	79.6	79.6	75.6
40%	68.1	58.0	49.3	46.8	52.9	61.7	66.3	71.5	76.2	79.4	79.3	75.3
50%	67.4	57.8	48.5	46.1	49.9	60.2	65.8	71.0	75.7	79.0	78.9	74.9
60%	66.9	57.4	48.1	45.6	48.8	59.3	65.2	70.5	75.4	78.5	78.7	74.4
70%	66.4	57.0	47.6	45.0	47.9	54.9	64.3	69.6	74.9	78.1	78.2	74.0
80%	65.4	56.3	47.1	44.8	47.4	53.6	63.0	68.5	74.3	77.6	77.2	73.5
90%	64.3	55.5	46.5	44.2	46.5	51.8	57.6	61.9	73.4	77.1	76.7	73.1

Table 5A-D1.27.4-B. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.4	57.7	49.0	46.9	51.2	59.1	64.9	70.0	75.6	79.0	78.9	74.7
Wet Water Years	67.9	57.7	48.7	45.2	48.4	55.4	62.1	66.9	74.4	78.3	78.0	74.2
Above Normal Water Years	67.7	57.4	48.7	45.7	48.7	56.8	65.1	69.7	75.4	78.8	78.1	74.9
Below Normal Water Years	66.8	57.7	48.5	46.9	52.0	61.3	65.4	70.9	75.9	79.2	79.4	75.1
Dry Water Years	66.6	57.6	49.3	48.5	52.6	60.9	66.7	71.8	75.9	78.9	79.0	74.5
Critical Water Years	68.3	58.3	50.1	50.1	56.5	63.7	68.1	73.2	77.8	80.8	80.5	75.4

Table 5A-D1.27.4-C. Stony Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.1	0.0	0.0	-0.3	0.1	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.4-D. Stony Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years	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	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.4-E. Stony Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	-0.2%	0.0%	0.0%	0.1%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
20%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
40%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.5%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.27.4-F. Stony Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	-0.1%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.27.5-A. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	69.9	60.0	51.7	50.8	57.0	64.7	68.8	74.2	78.0	81.1	81.1	76.5
20%	69.2	59.1	51.0	49.3	55.2	64.1	67.7	72.8	77.2	80.4	80.1	76.0
30%	68.6	58.3	50.1	48.2	53.7	62.6	67.0	72.2	76.8	79.6	79.6	75.6
40%	68.1	58.0	49.3	46.7	52.9	61.7	66.3	71.5	76.2	79.4	79.3	75.3
50%	67.4	57.8	48.5	46.1	49.9	60.2	65.8	71.0	75.7	79.0	78.9	74.9
60%	66.9	57.4	48.2	45.6	48.9	59.3	65.4	70.5	75.3	78.5	78.6	74.4
70%	66.4	57.0	47.6	45.0	47.9	54.9	64.3	69.6	74.9	78.1	78.2	74.0
80%	65.4	56.3	47.1	44.8	47.4	53.6	62.8	68.4	74.3	77.6	77.2	73.5
90%	64.3	55.5	46.5	44.2	46.5	51.6	57.9	61.9	73.4	77.1	76.8	73.1

Table 5A-D1.27.5-B. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.4	57.7	49.0	46.9	51.2	59.1	64.9	70.0	75.6	79.0	78.9	74.7
Wet Water Years	67.9	57.7	48.7	45.2	48.4	55.4	62.0	66.9	74.4	78.3	78.0	74.2
Above Normal Water Years	67.7	57.4	48.7	45.7	48.7	56.8	65.1	69.7	75.4	78.8	78.1	74.9
Below Normal Water Years	66.8	57.7	48.5	46.9	52.0	61.2	65.5	70.9	75.9	79.2	79.4	75.1
Dry Water Years	66.6	57.6	49.3	48.5	52.6	60.9	66.7	71.8	75.8	78.9	79.0	74.6
Critical Water Years	68.3	58.3	50.1	50.1	56.5	63.7	68.2	73.2	77.8	80.8	80.5	75.4

Table 5A-D1.27.5-C. Stony Creek Above Sacramento, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	-0.1	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	-0.3	0.1	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.1	-0.2	0.2	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.5-D. Stony Creek Above Sacramento, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Wet Water Years	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	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	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 Water Years	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.27.5-E. Stony Creek Above Sacramento, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
20%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	-0.3%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
40%	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%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.4%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.27.5-F. Stony Creek Above Sacramento, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Wet Water Years	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	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	-0.1%	0.1%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Figure 5A-D1.27.1. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

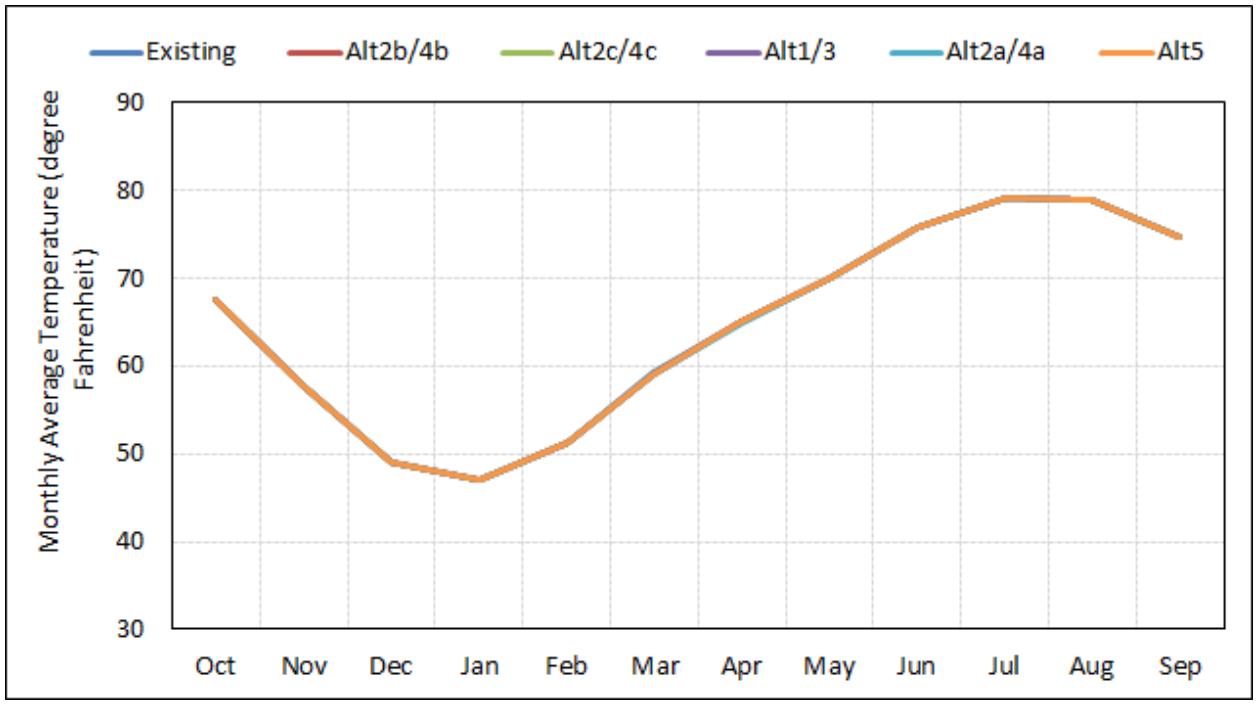


Figure 5A-D1.27.2. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

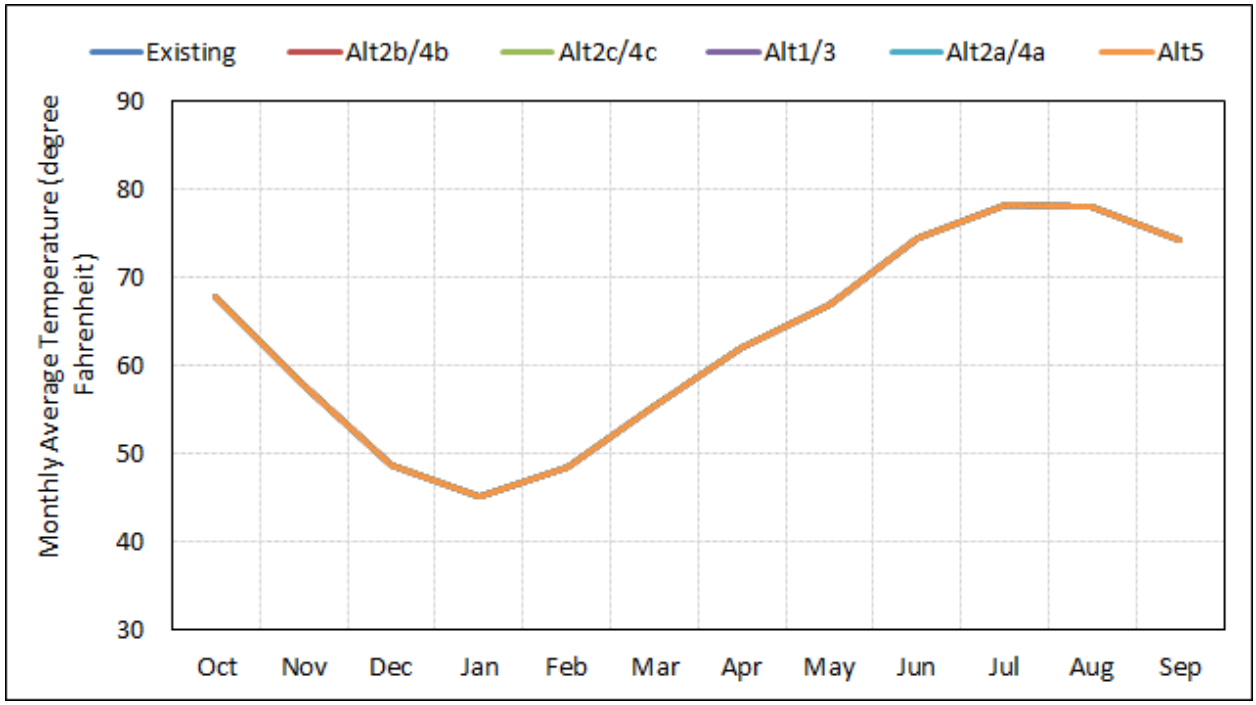


Figure 5A-D1.27.3. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

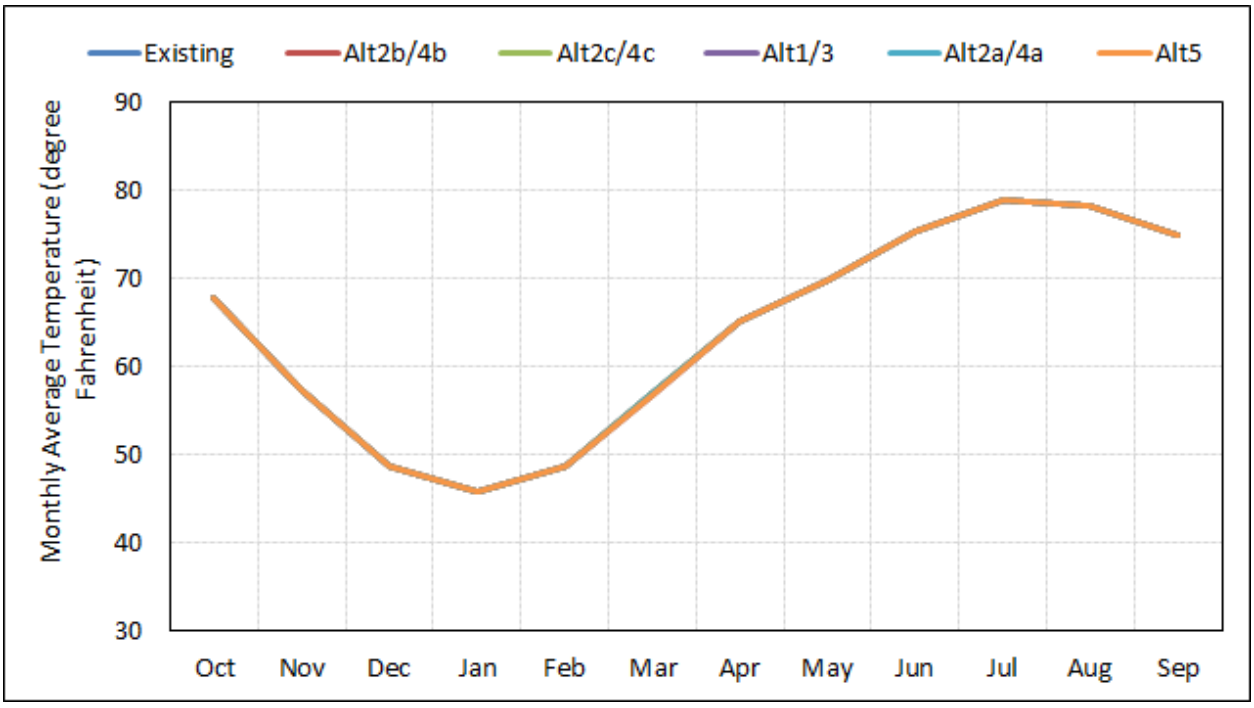


Figure 5A-D1.27.4. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

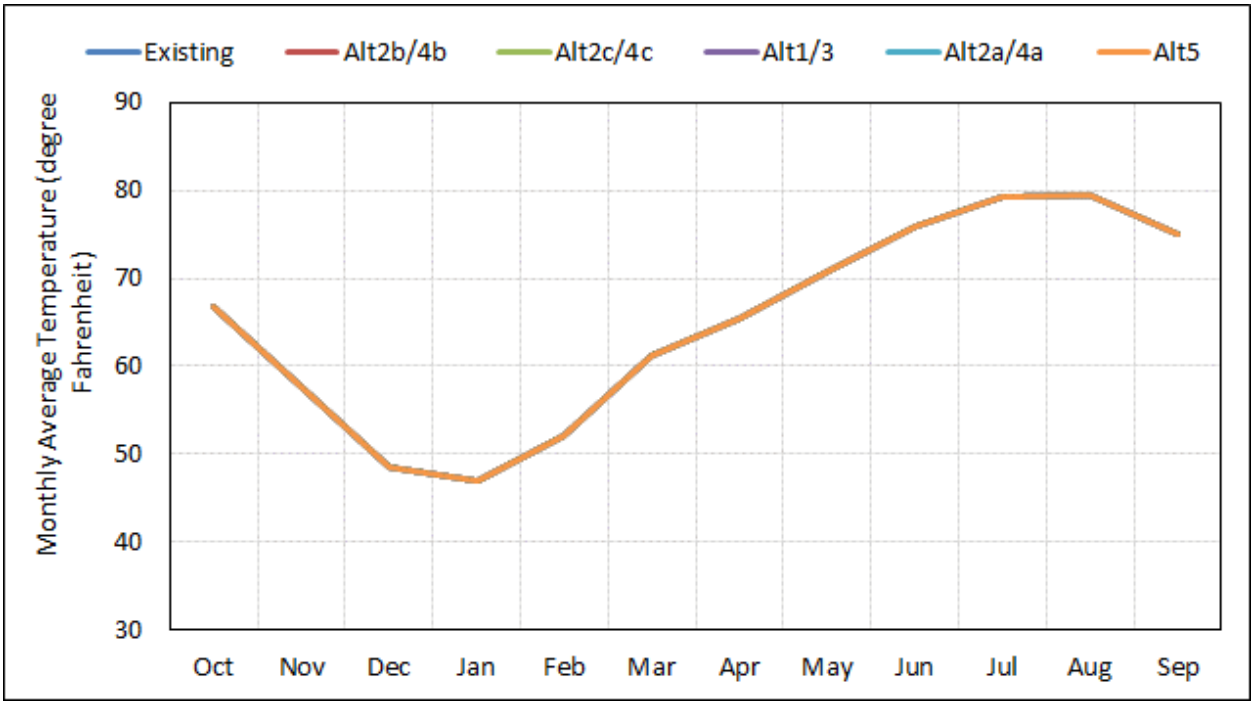


Figure 5A-D1.27.5. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

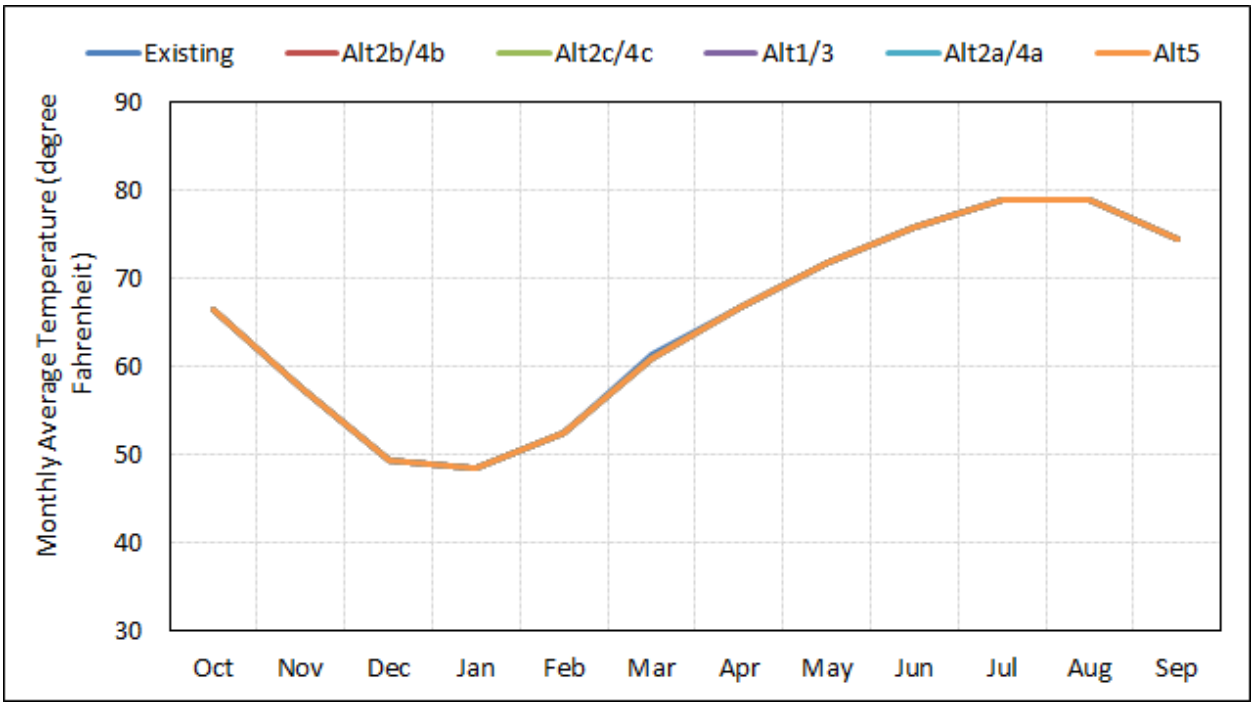


Figure 5A-D1.27.6. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

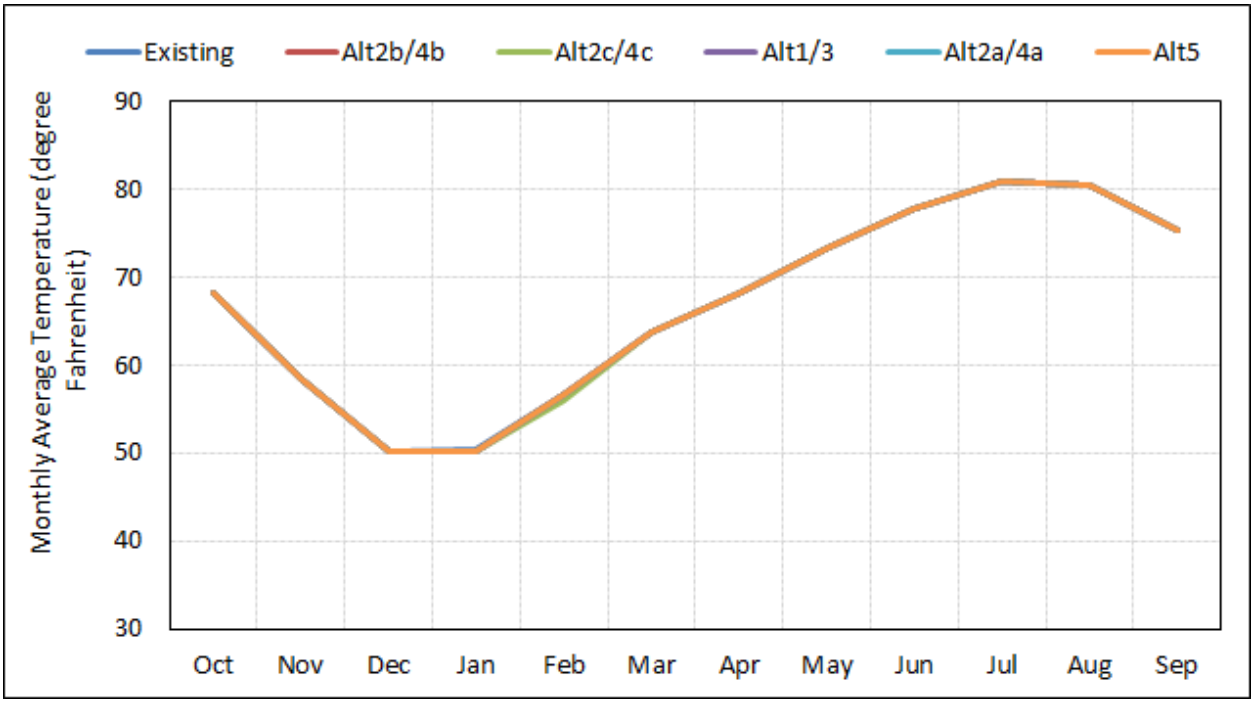


Figure 5A-D1.27.7. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

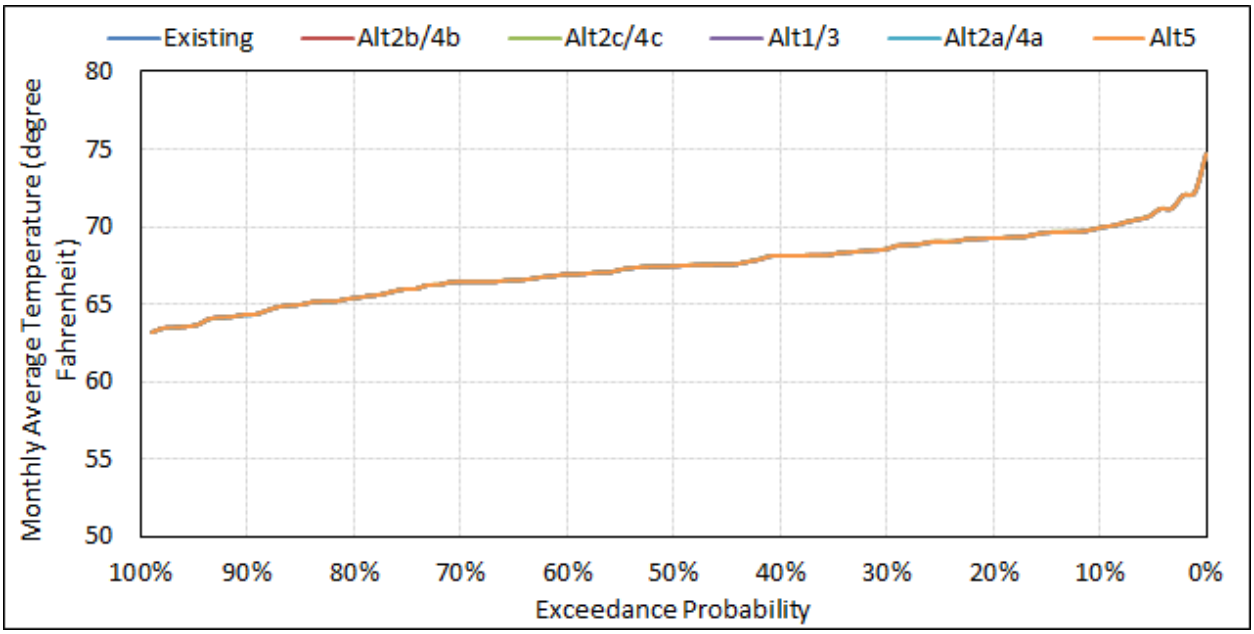


Figure 5A-D1.27.8. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

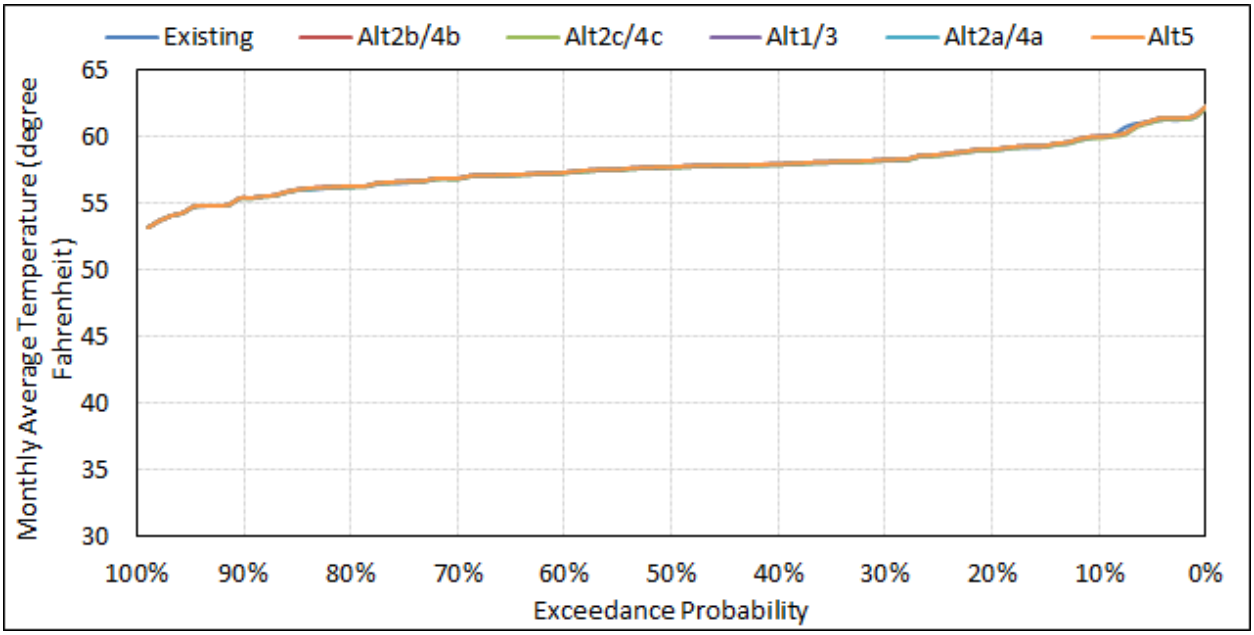


Figure 5A-D1.27.9. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

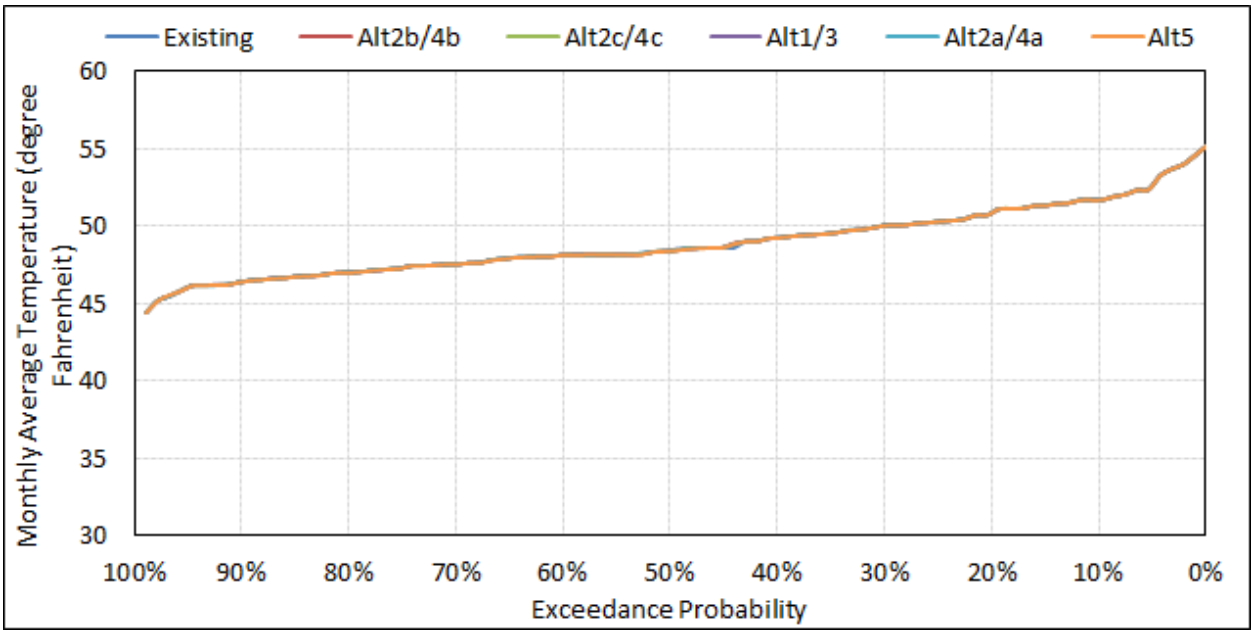


Figure 5A-D1.27.10. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

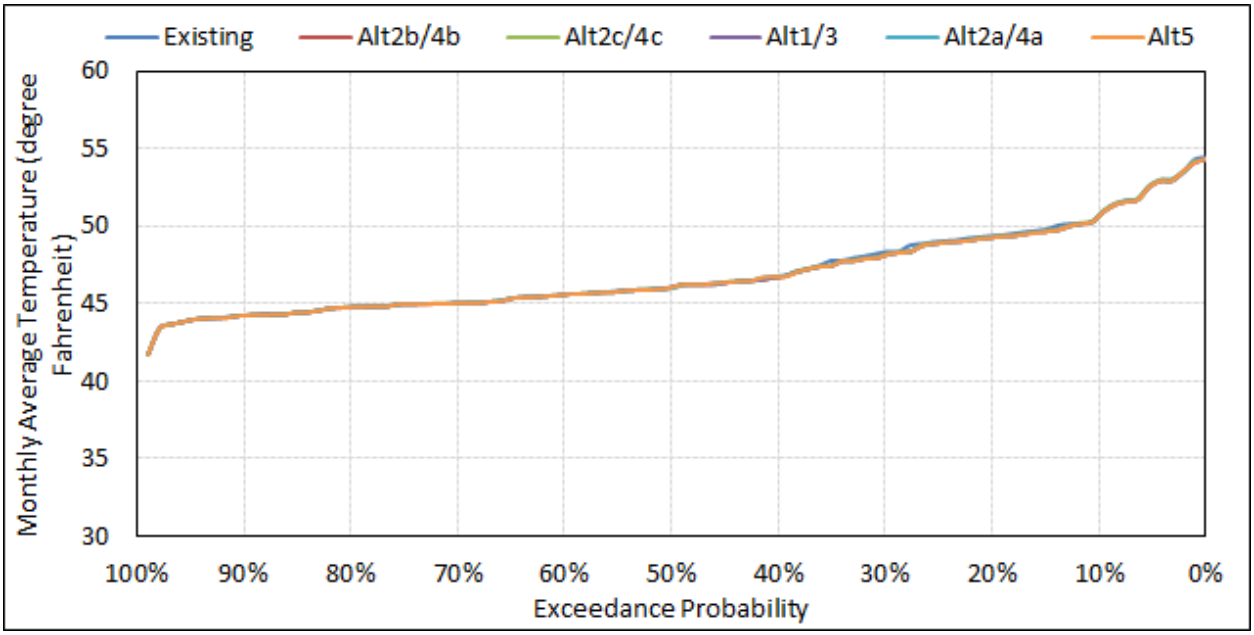


Figure 5A-D1.27.11. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

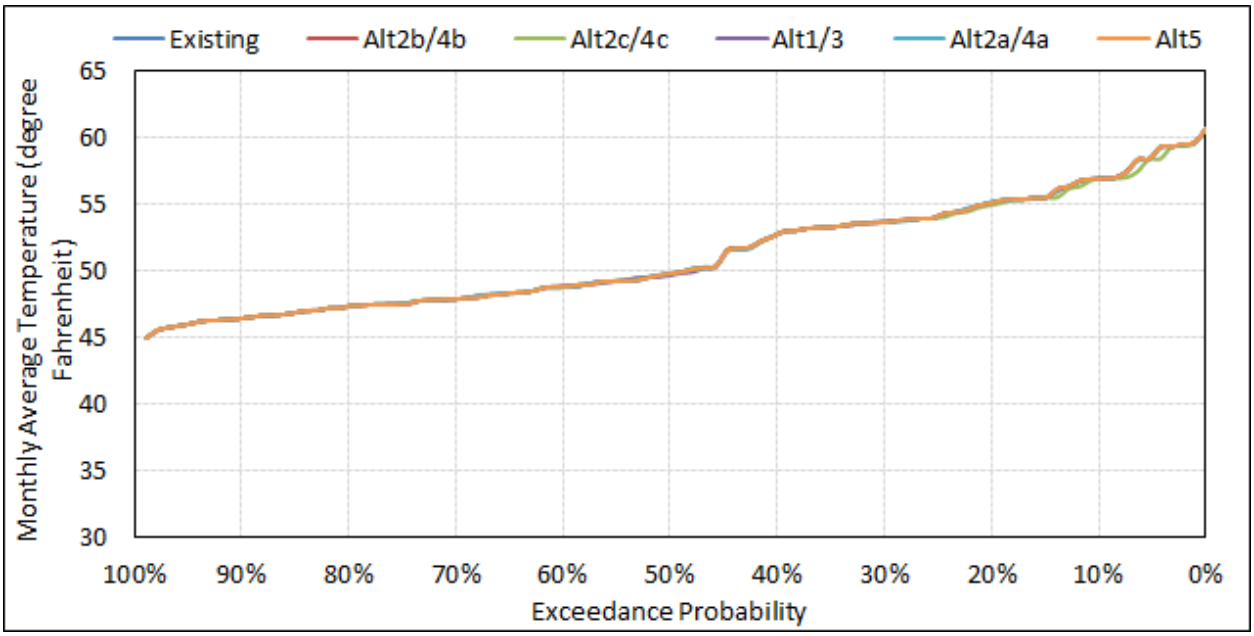


Figure 5A-D1.27.12. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

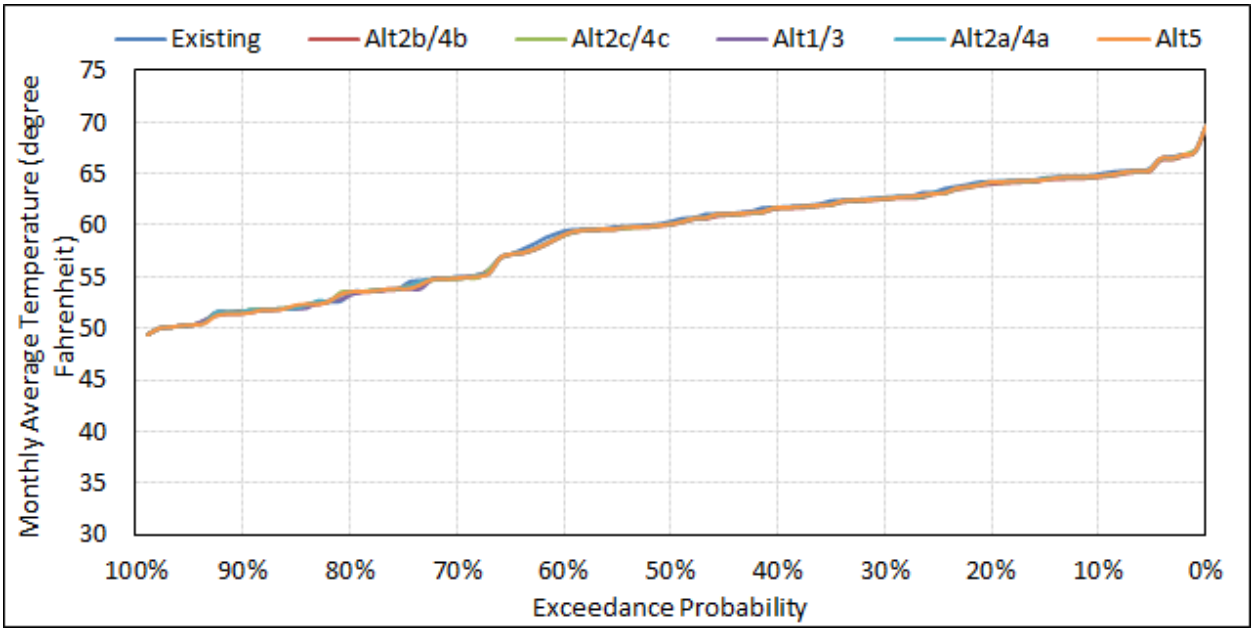


Figure 5A-D1.27.13. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

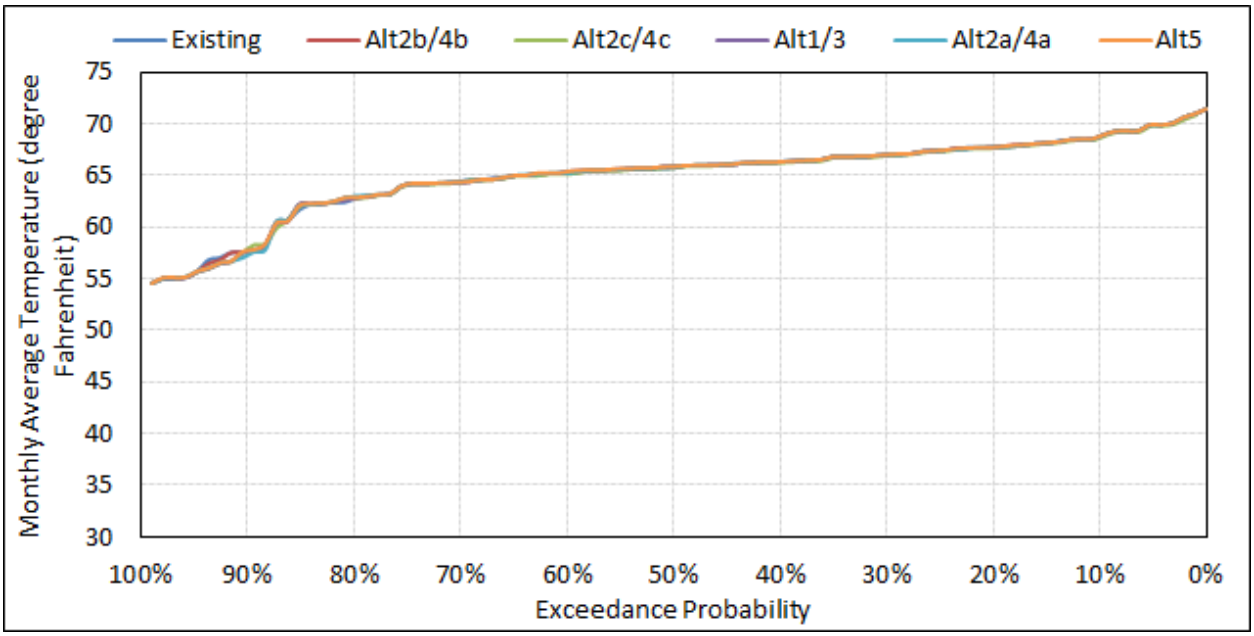


Figure 5A-D1.27.14. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

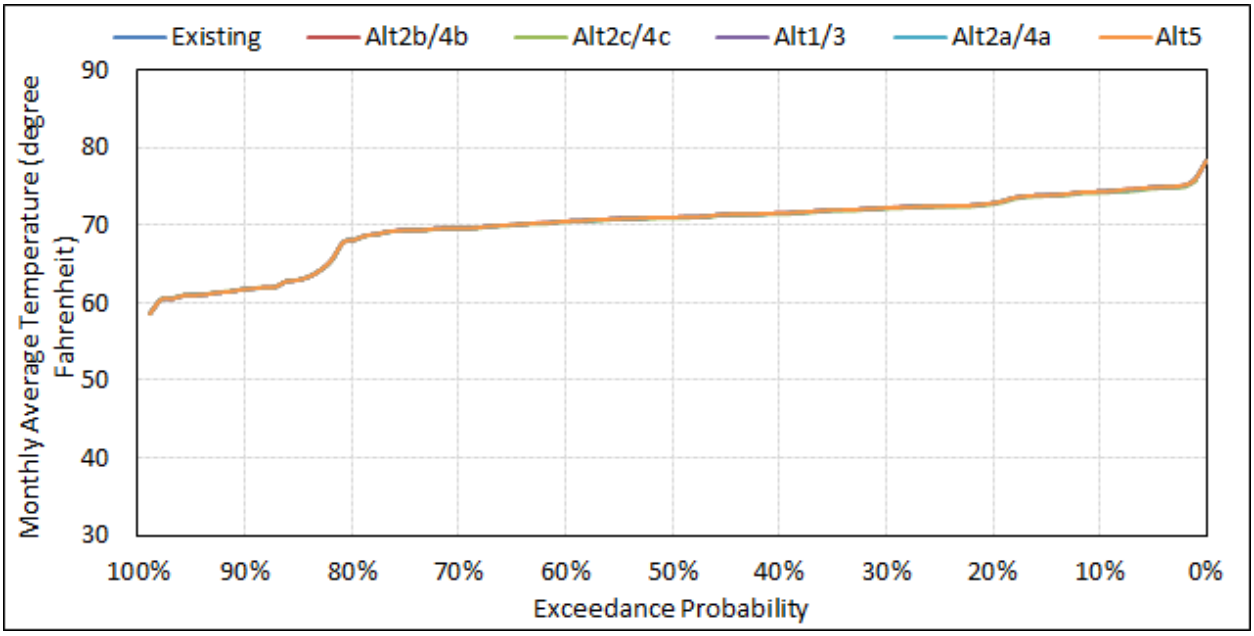


Figure 5A-D1.27.15. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

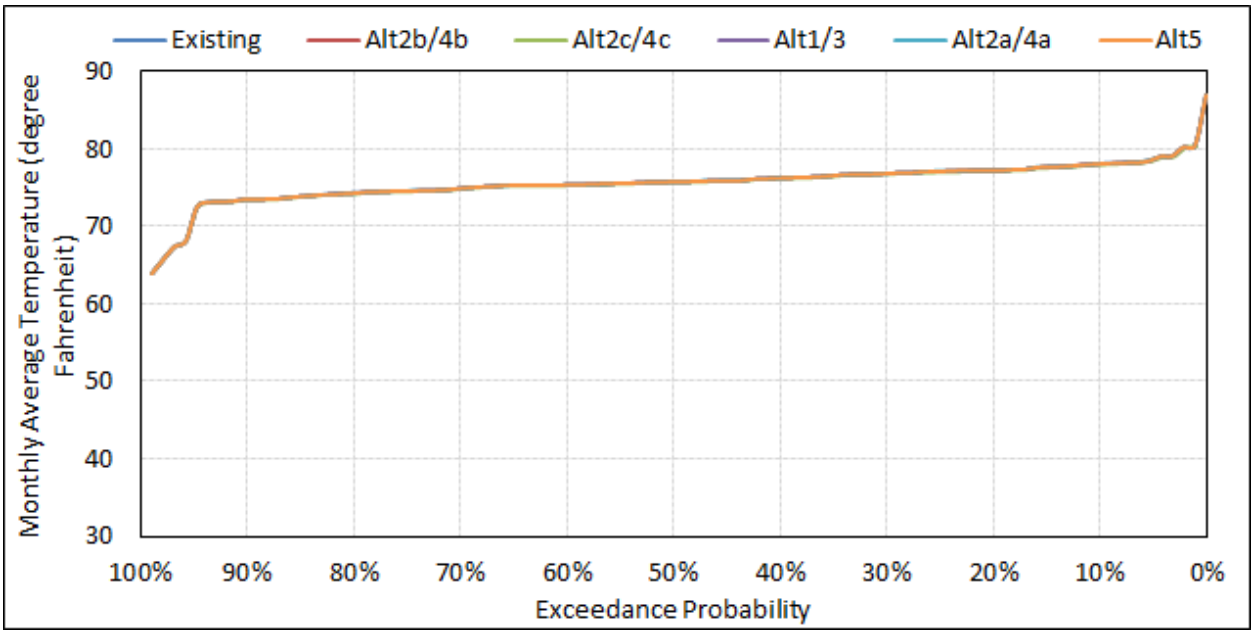


Figure 5A-D1.27.16. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

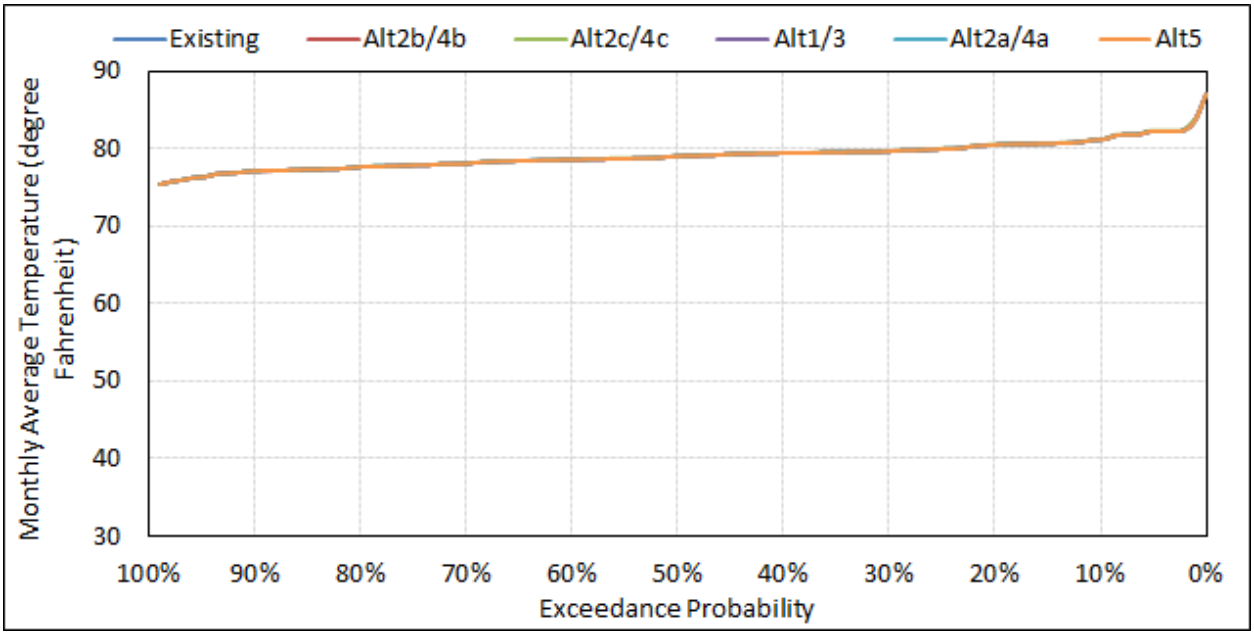


Figure 5A-D1.27.17. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

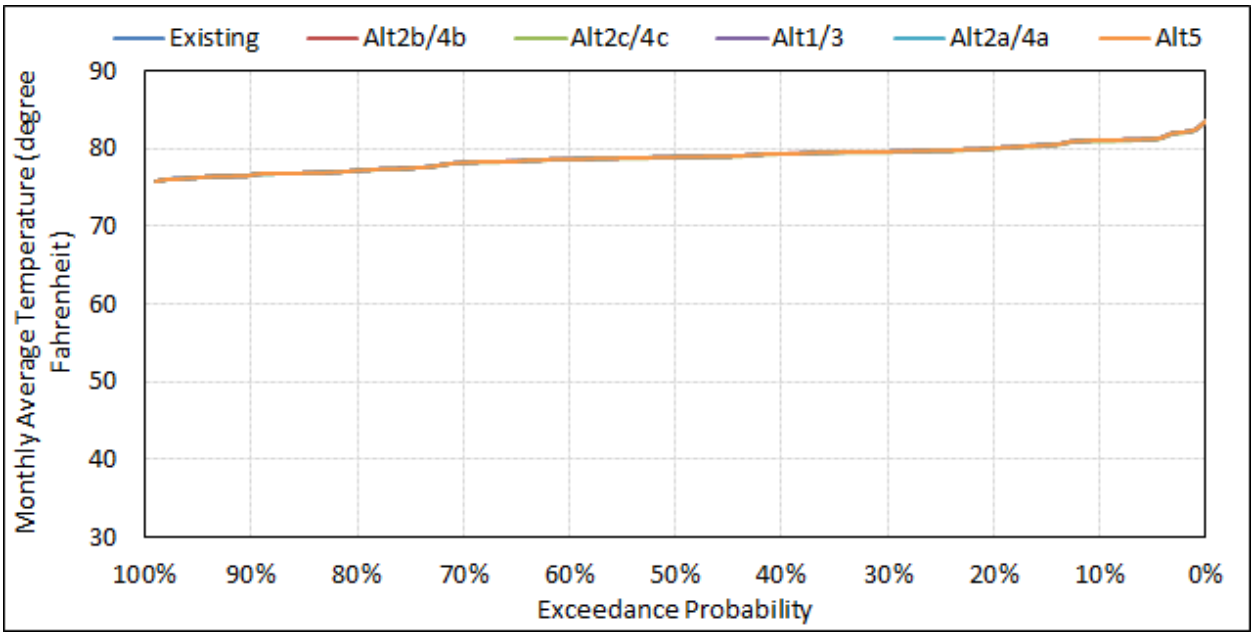


Figure 5A-D1.27.18. Stony Creek Above Sacramento, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

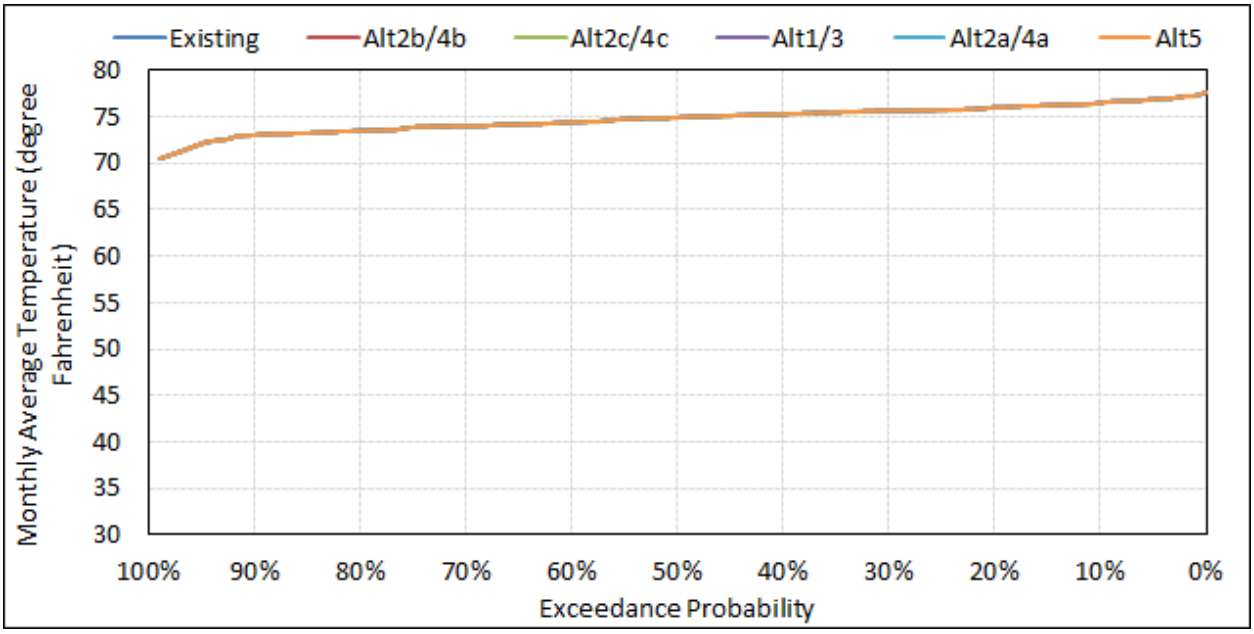
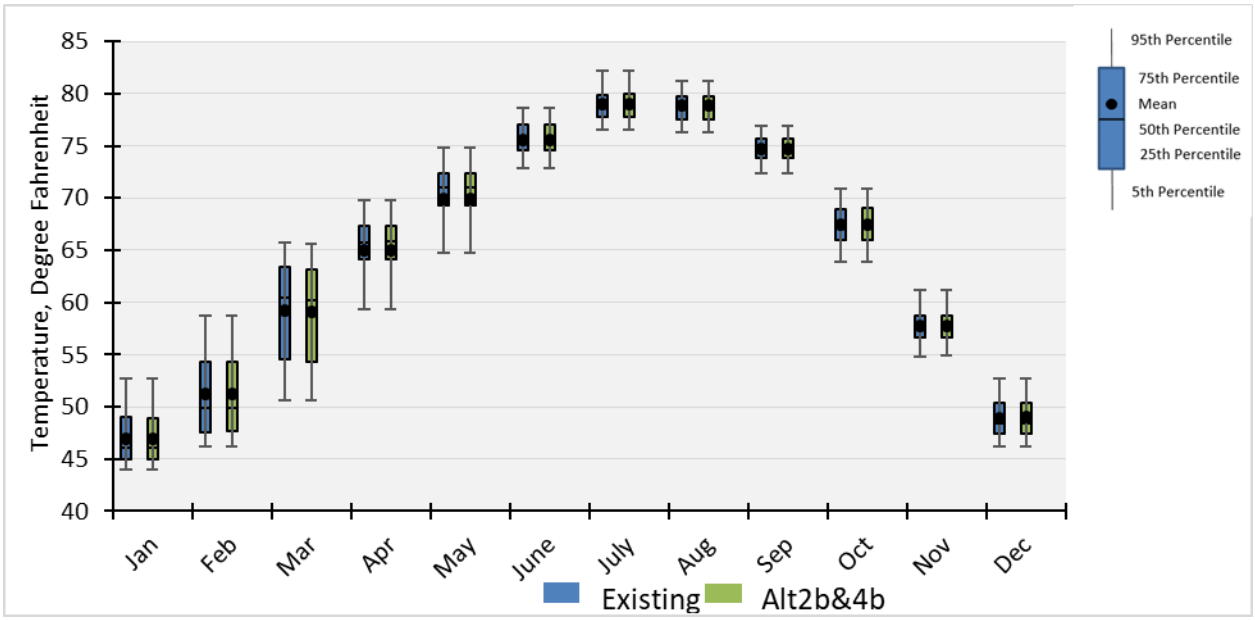


Figure 5A-D1.27.19. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



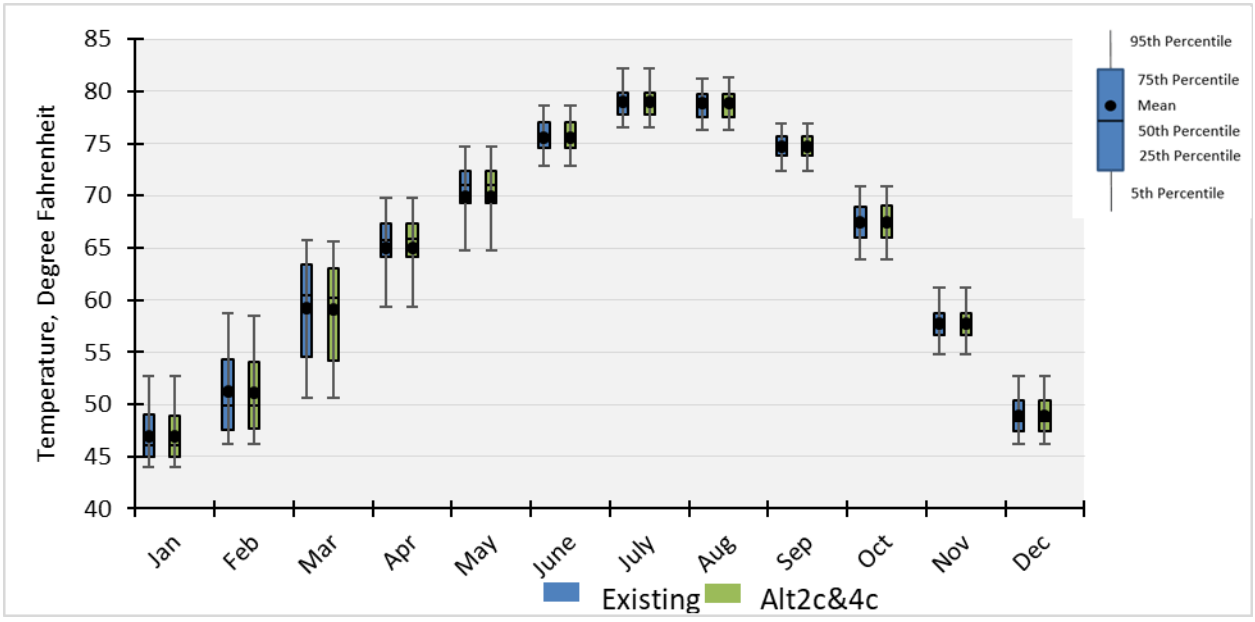
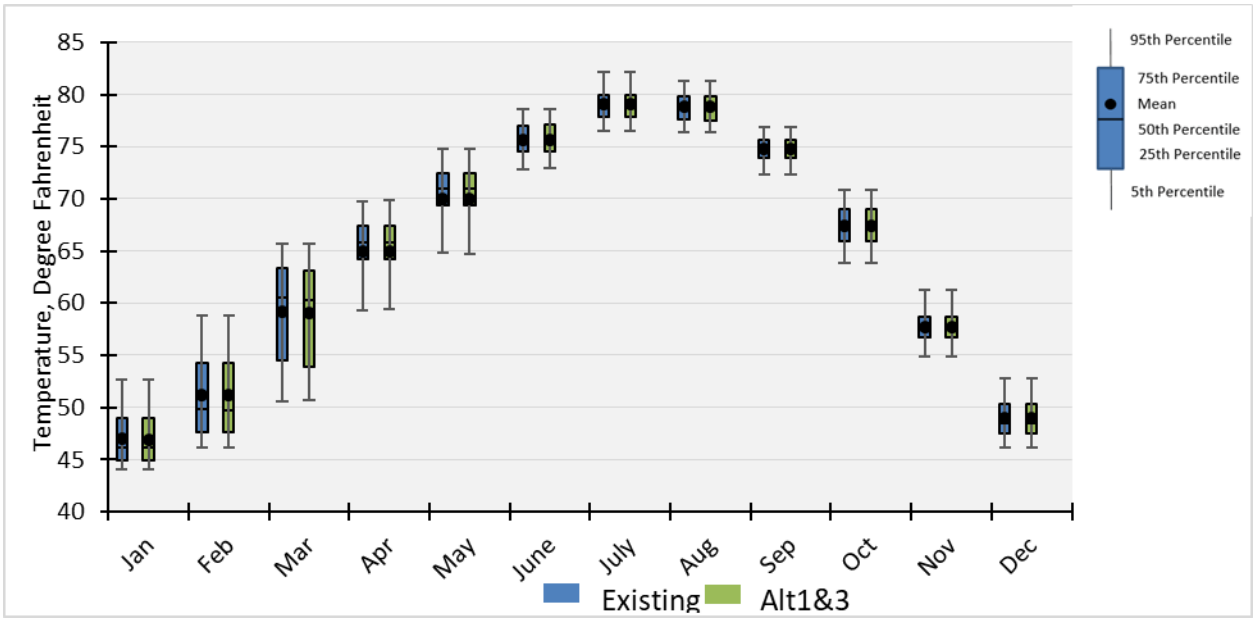


Figure 5A-D1.27.20. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



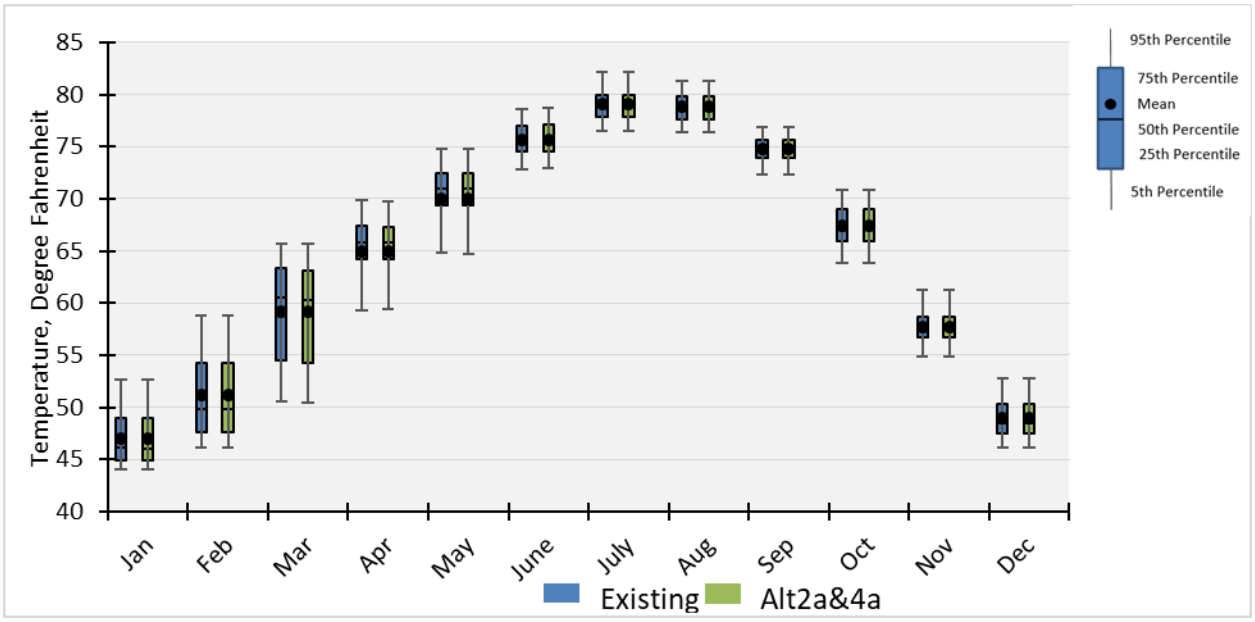


Figure 5A-D1.27.21. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

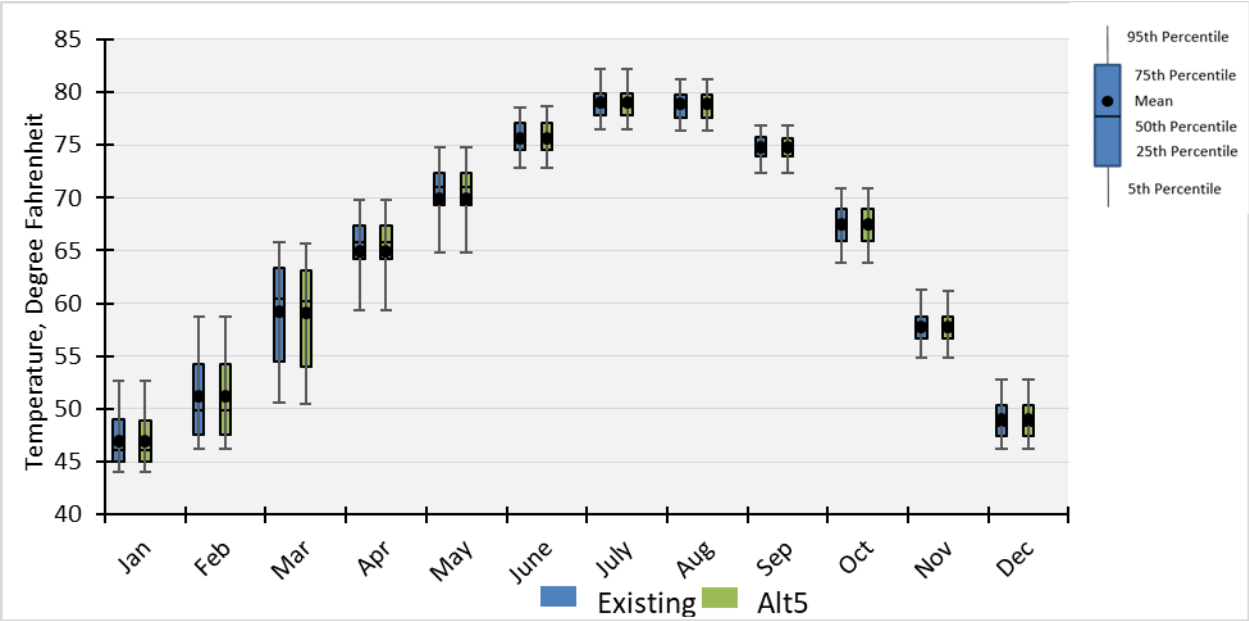
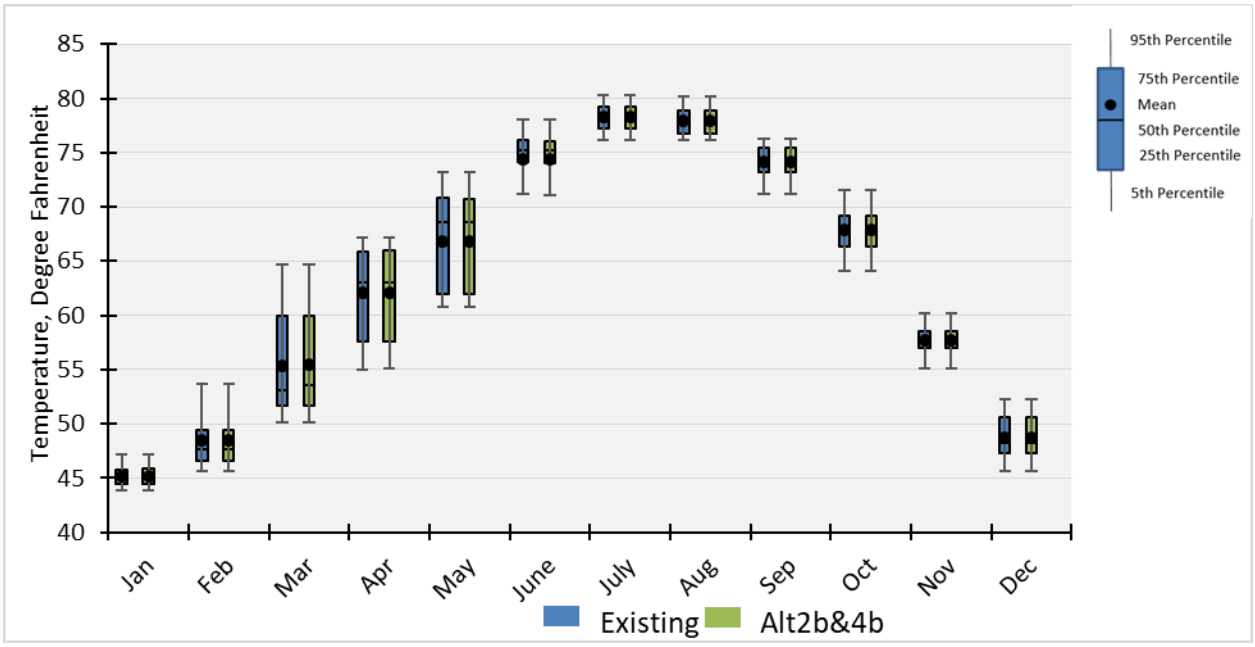


Figure 5A-D1.27.22. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



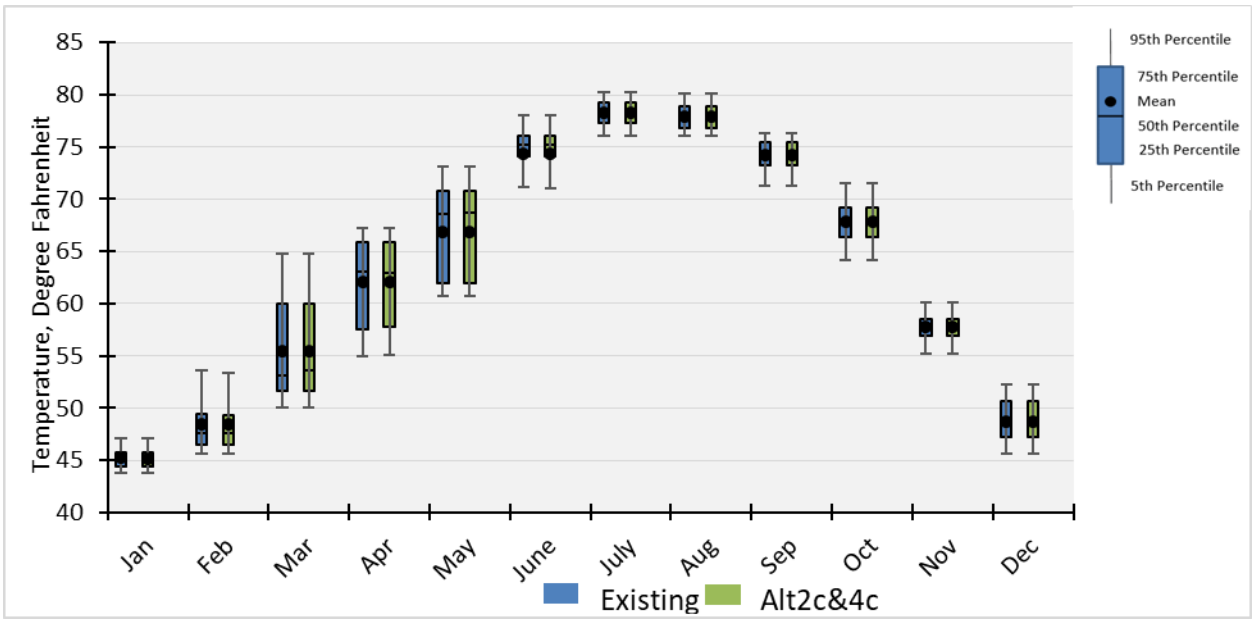
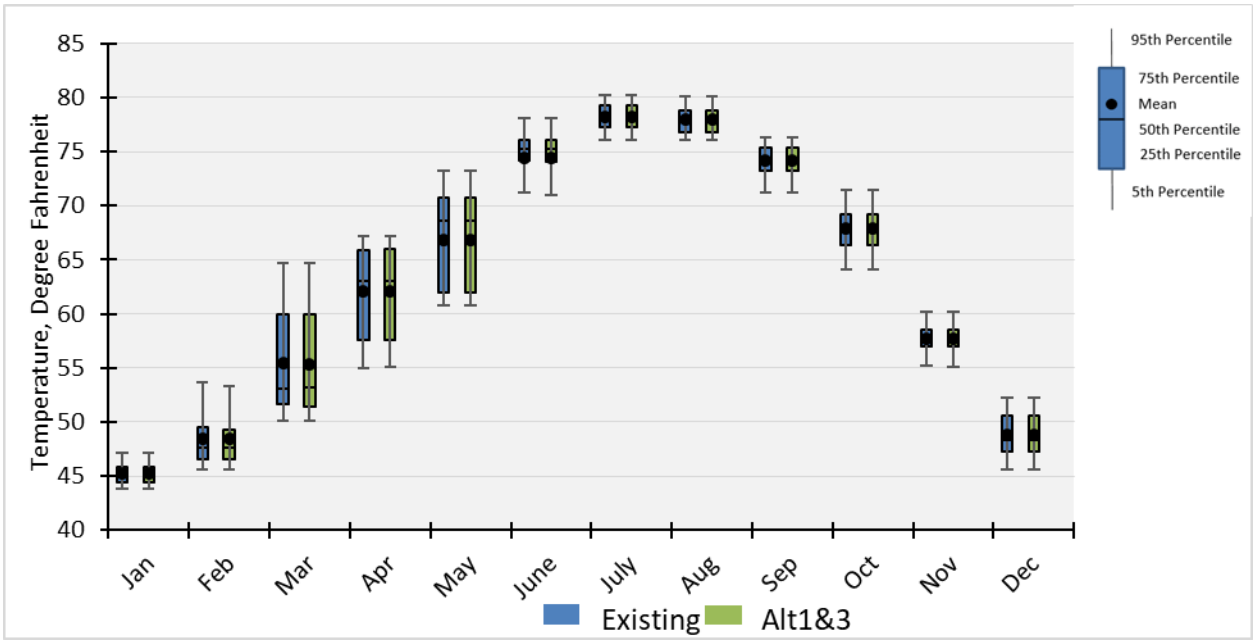


Figure 5A-D1.27.23. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



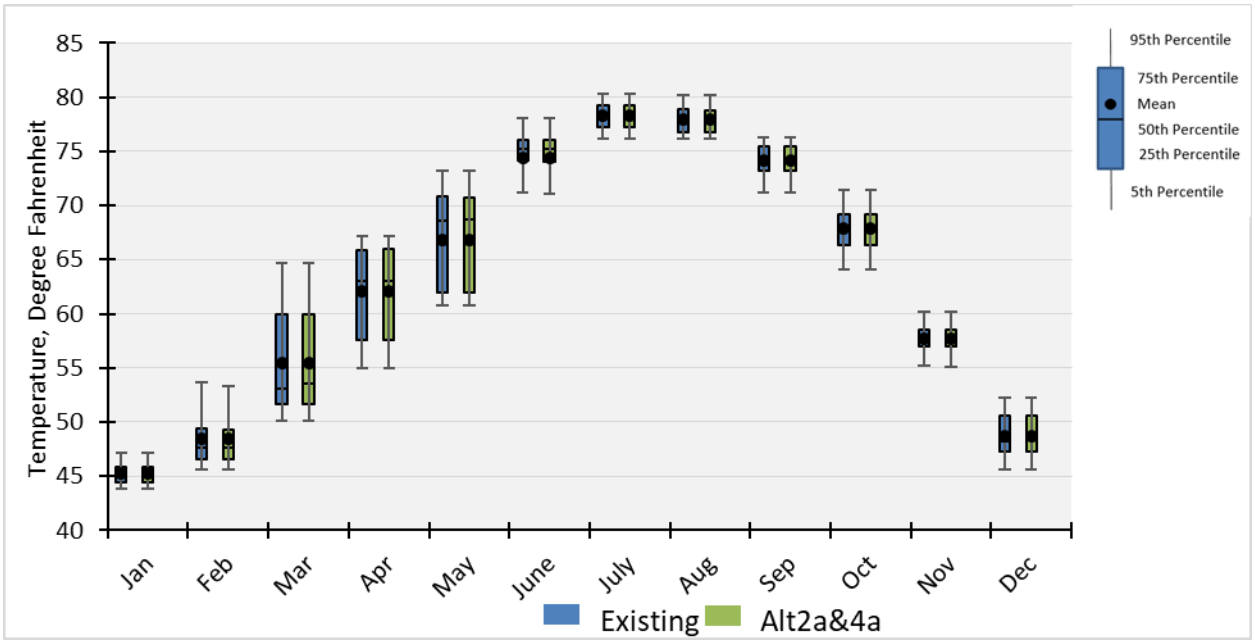


Figure 5A-D1.27.24. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

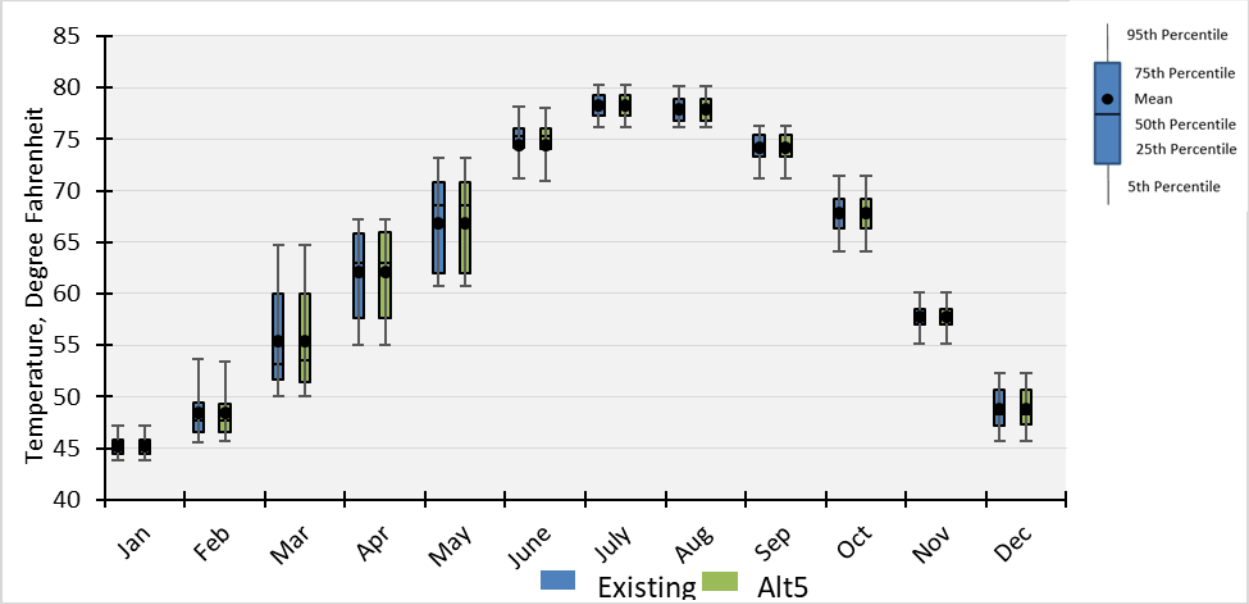
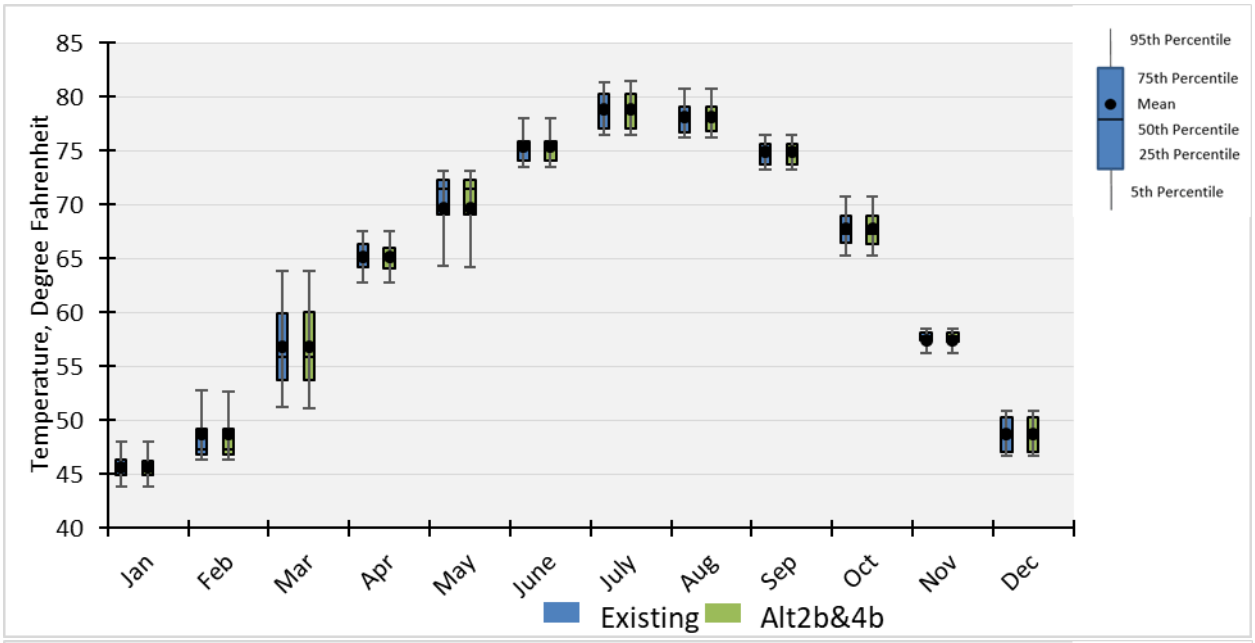


Figure 5A-D1.27.25. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



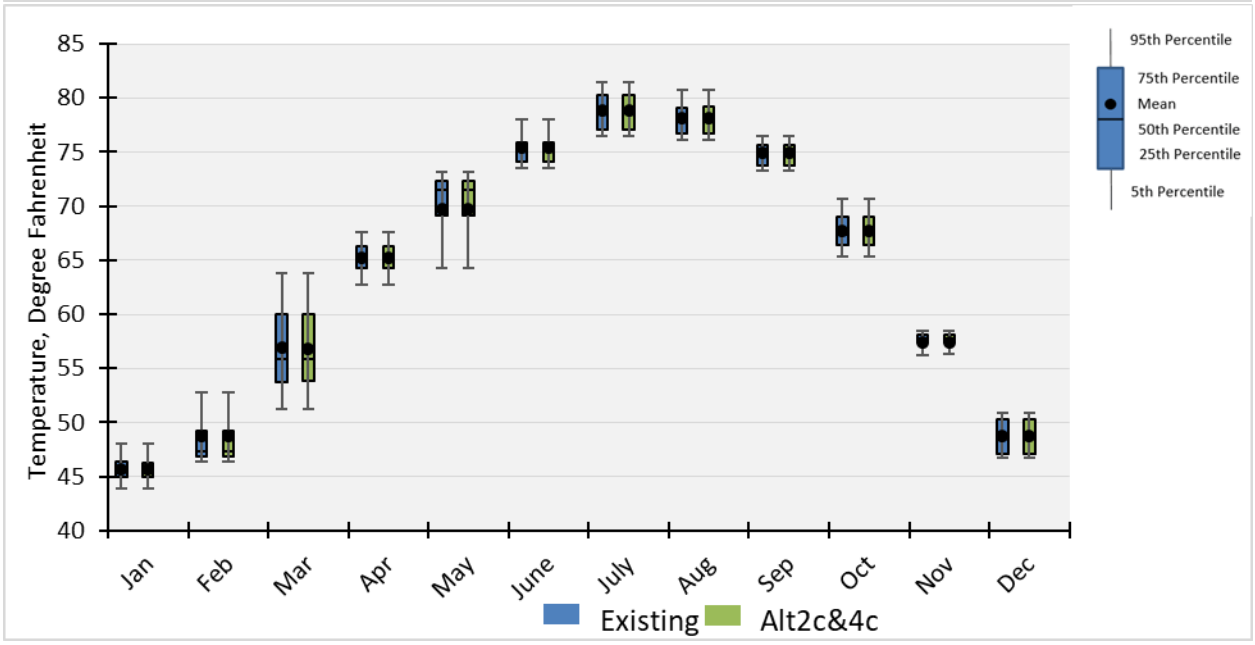
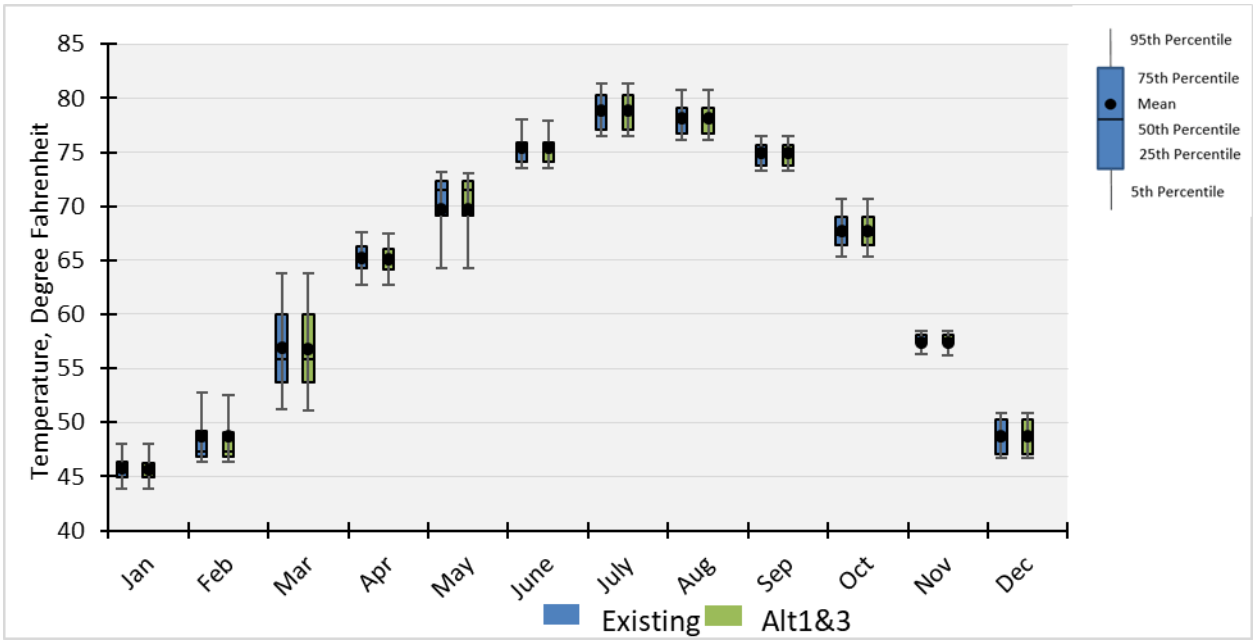


Figure 5A-D1.27.26. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



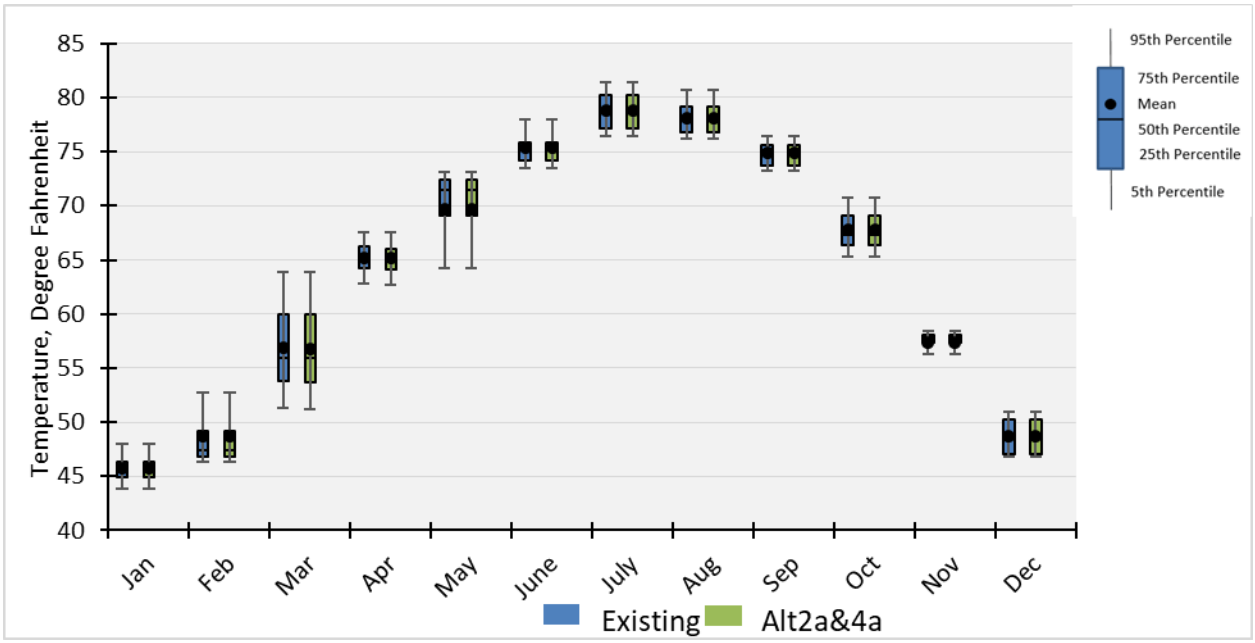


Figure 5A-D1.27.27. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

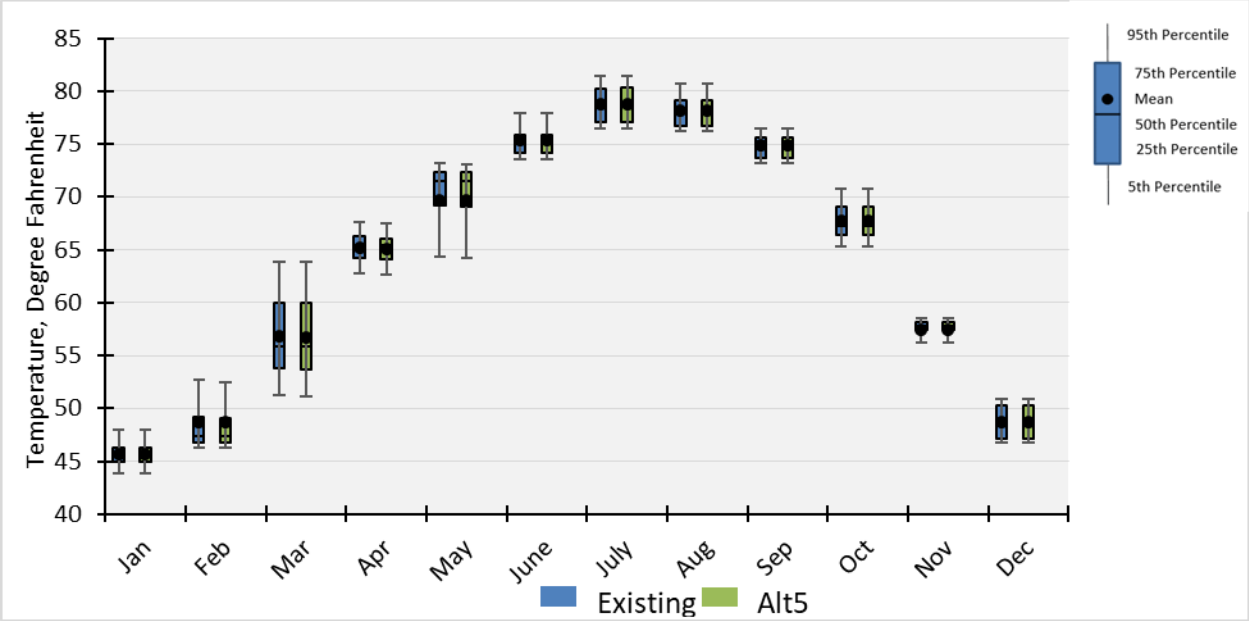
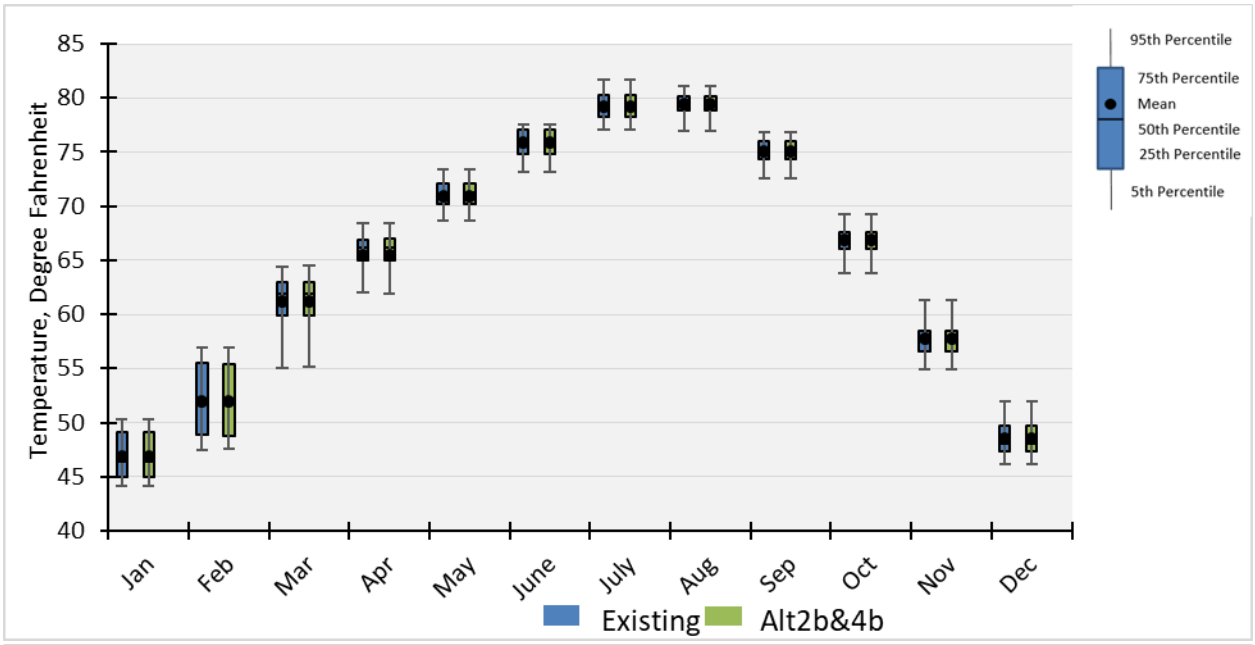


Figure 5A-D1.27.28. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



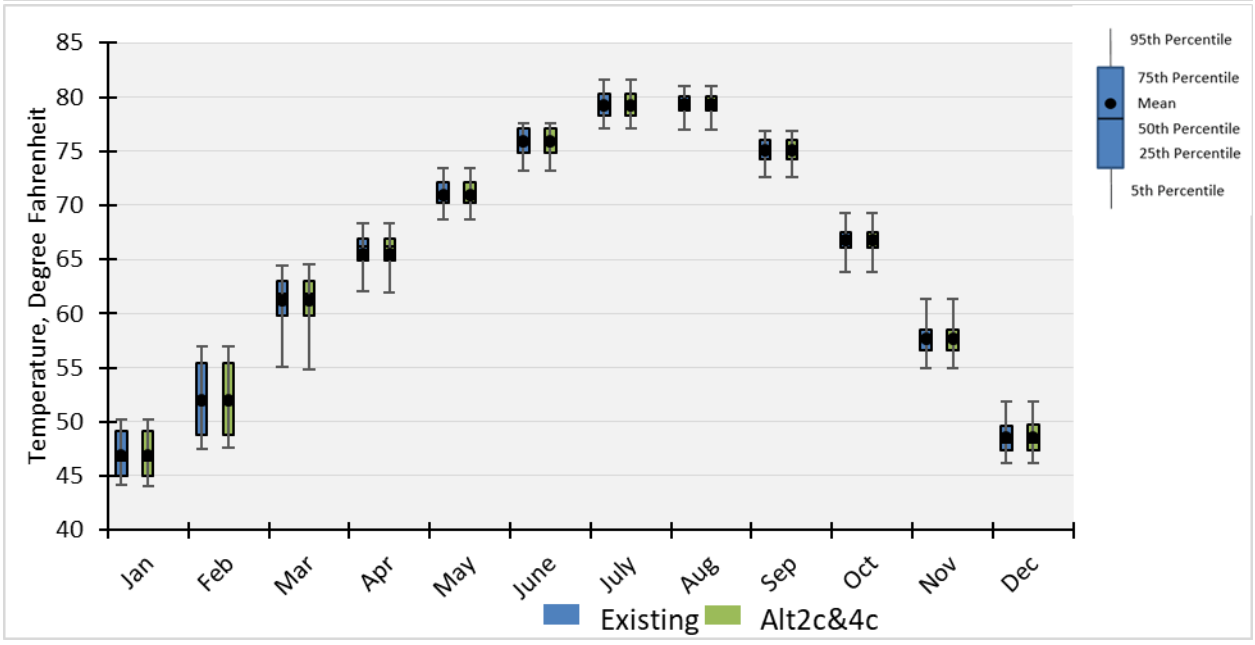


Figure 5A-D1.27.29. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions

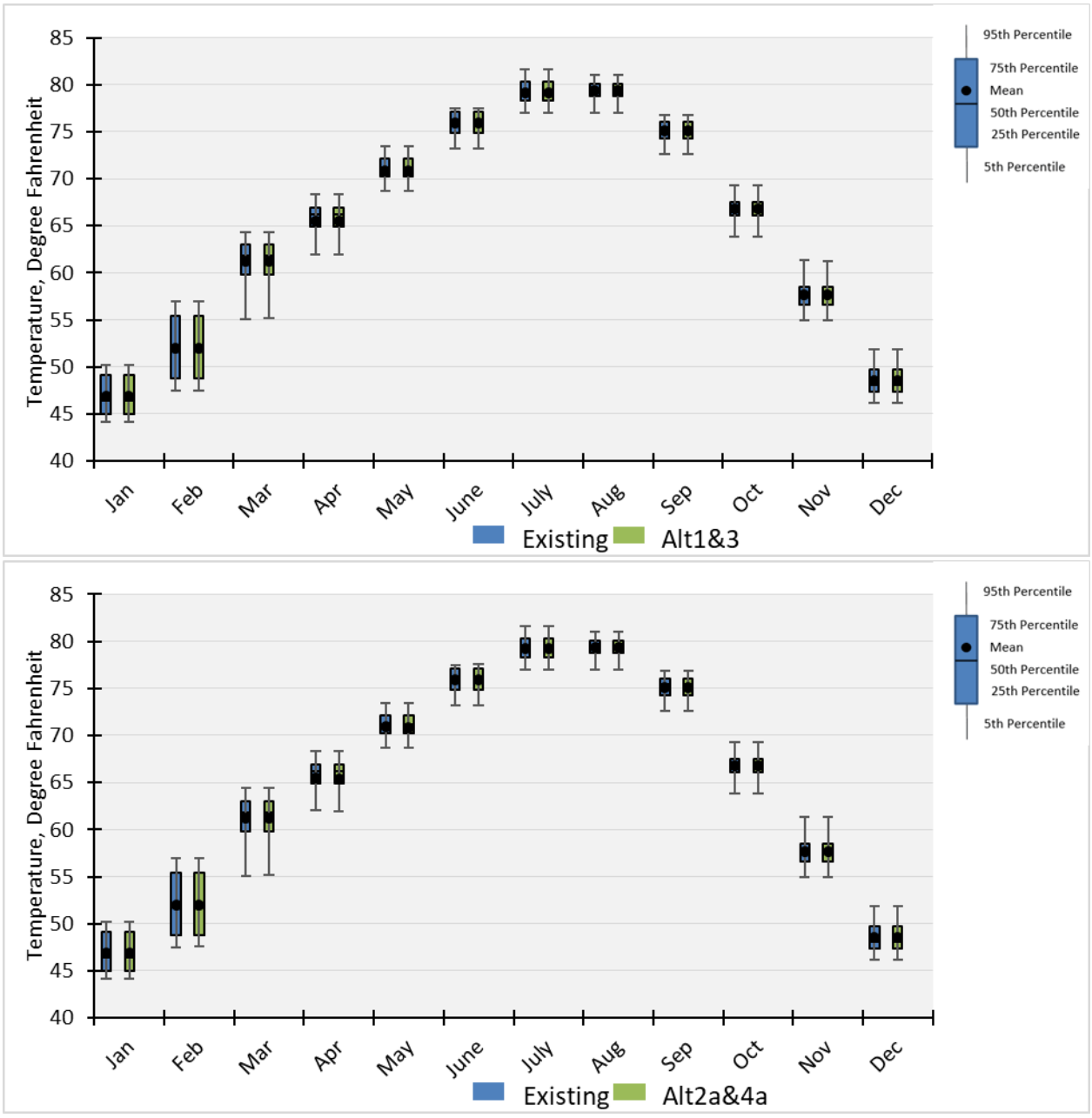


Figure 5A-D1.27.30. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

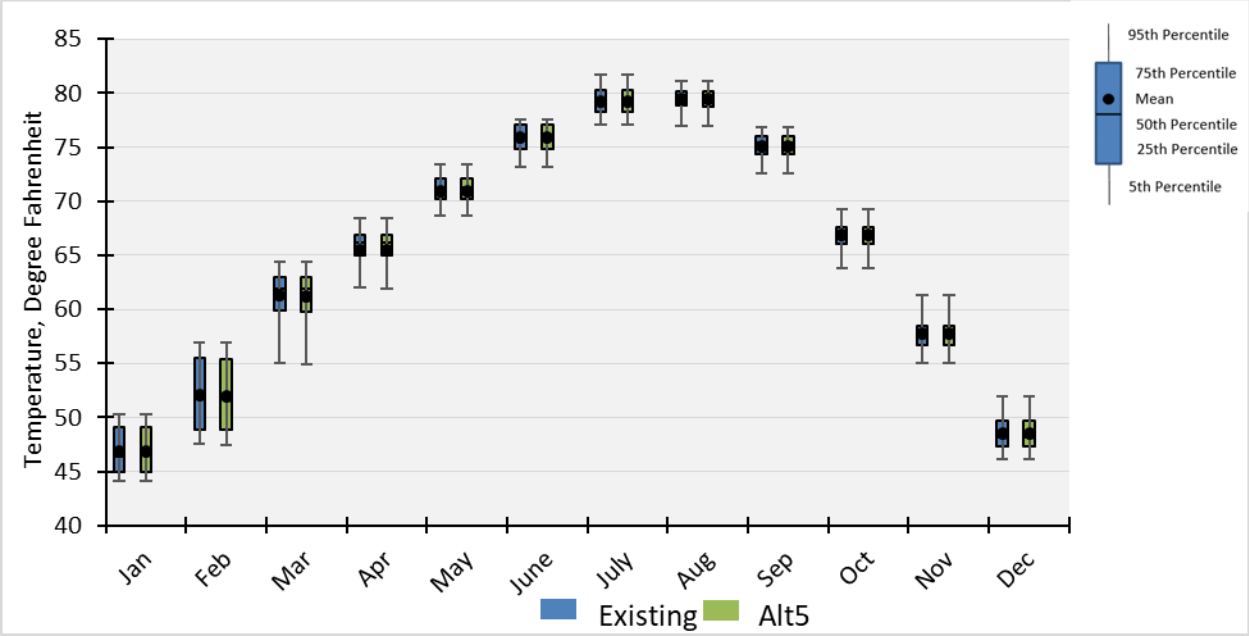
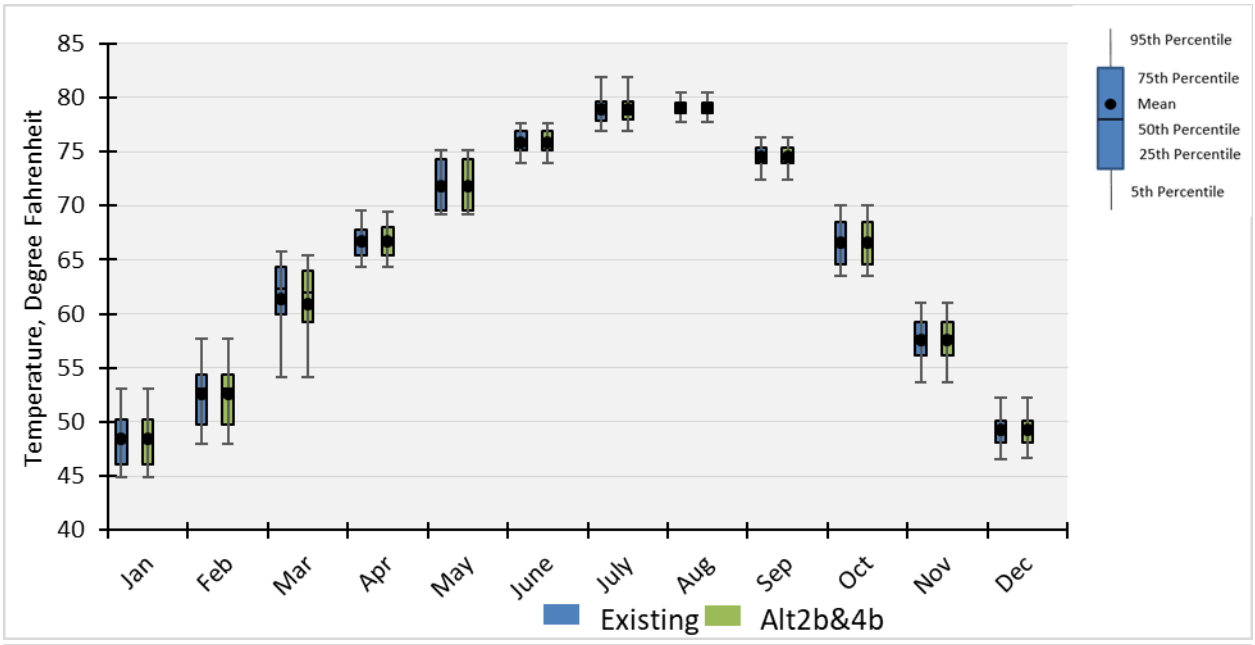


Figure 5A-D1.27.31. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



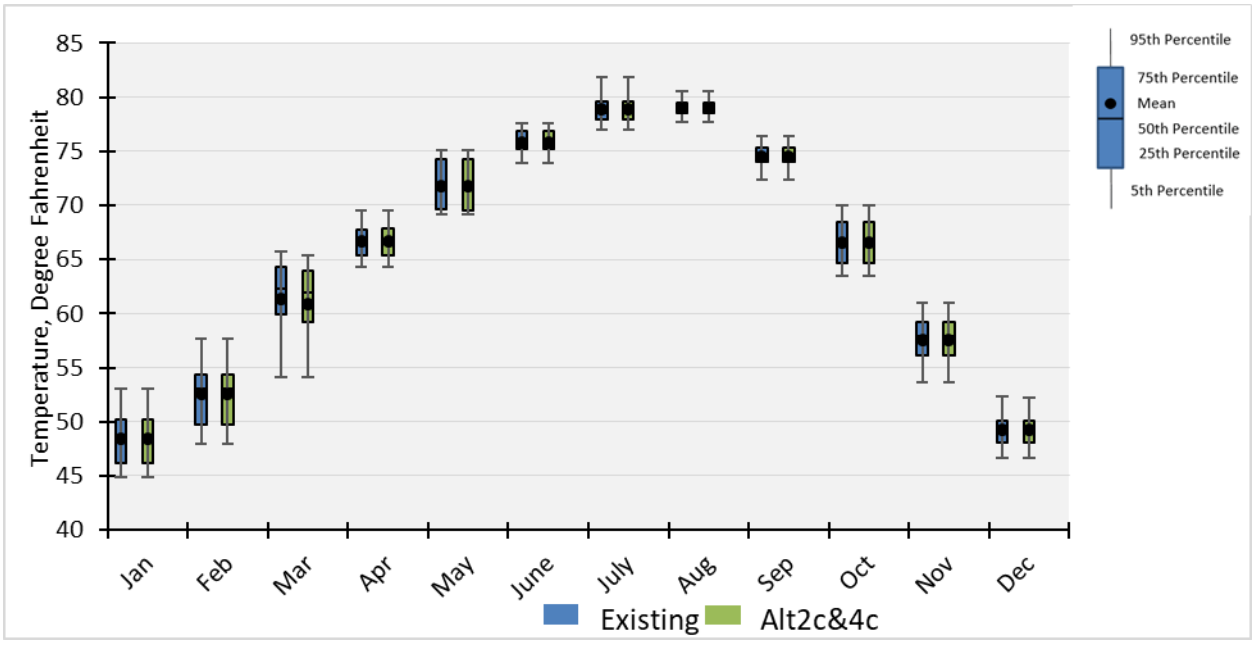
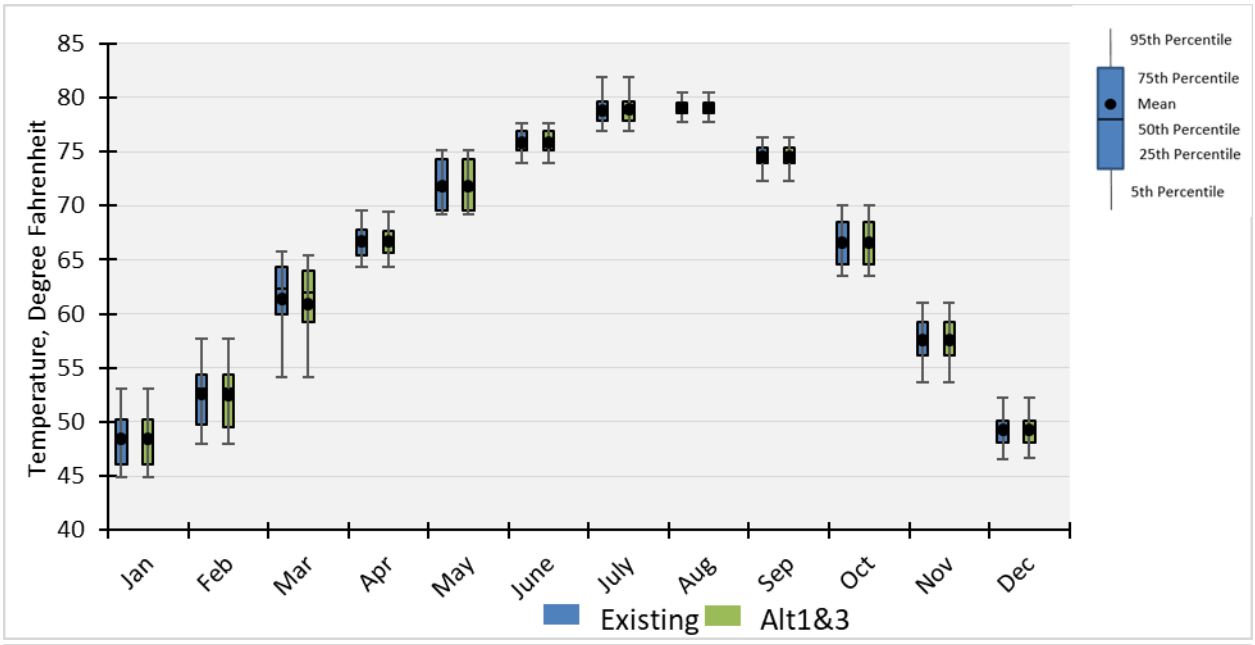


Figure 5A-D1.27.32. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



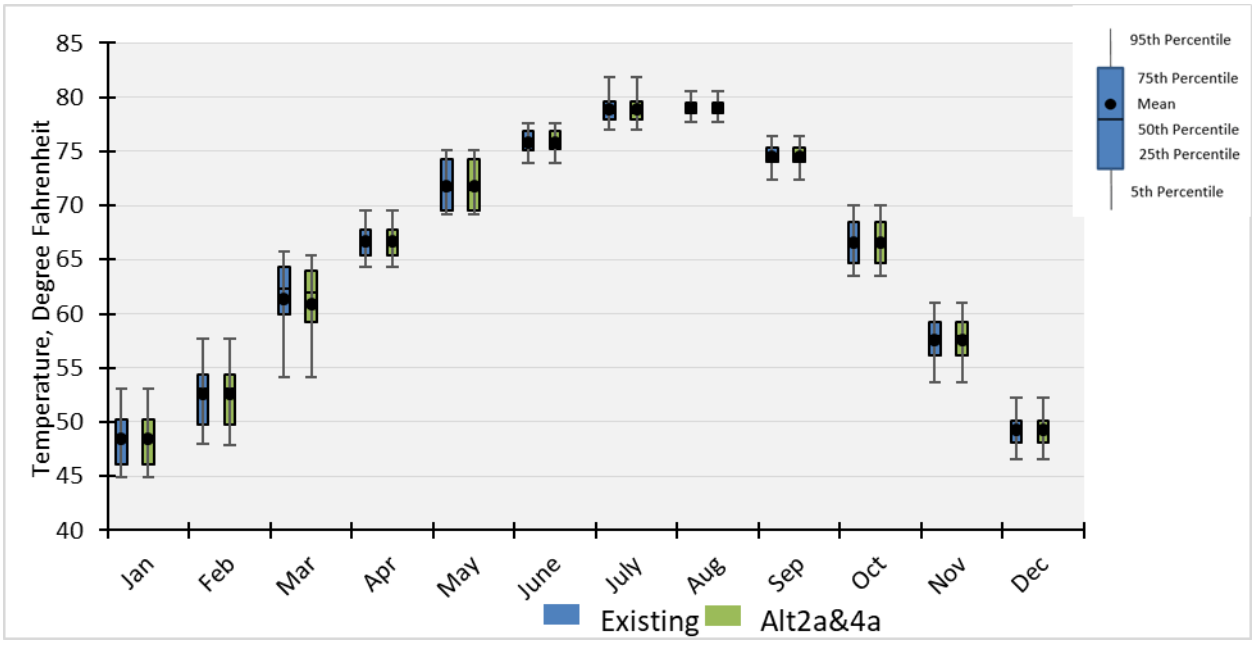


Figure 5A-D1.27.33. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions



Figure 5A-D1.27.34. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions

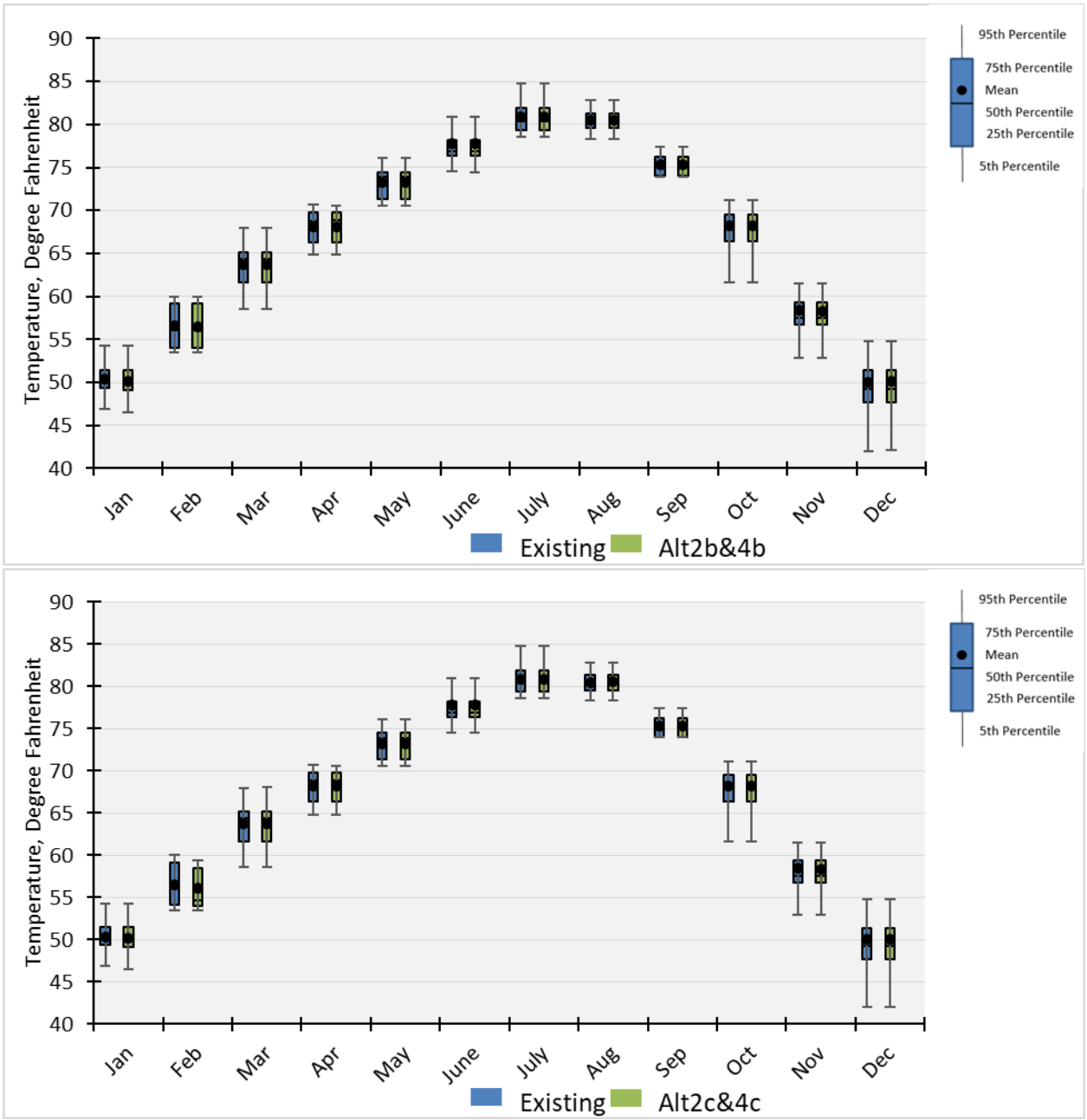
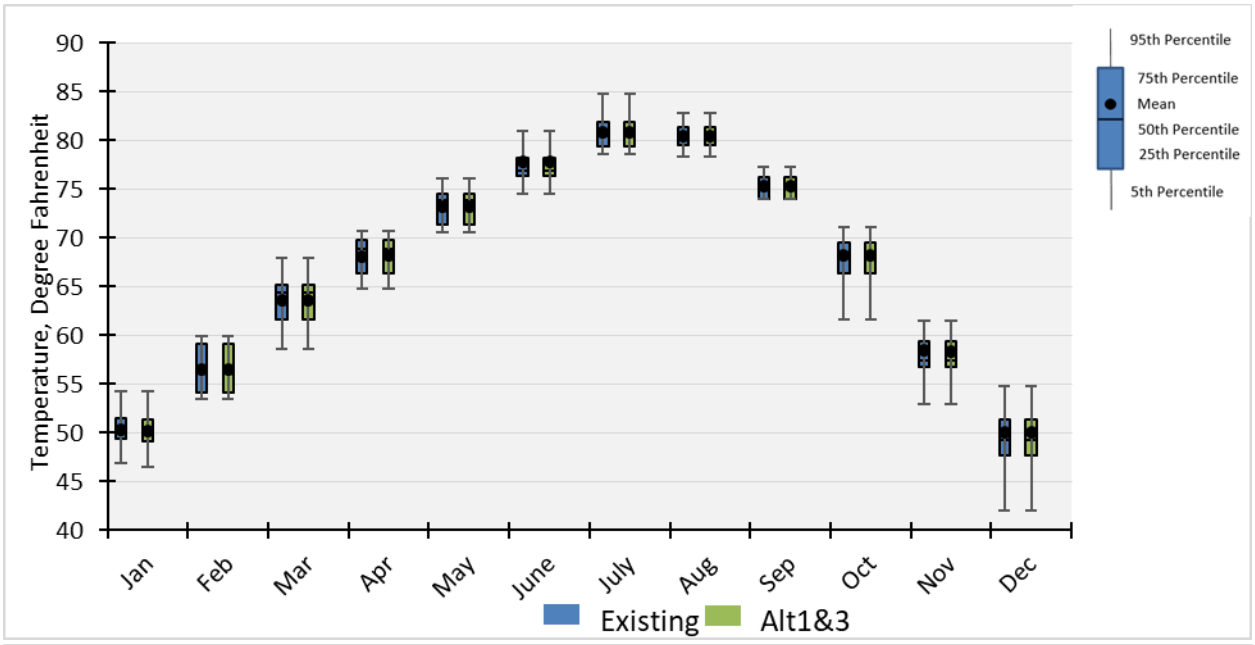


Figure 5A-D1.27.35. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



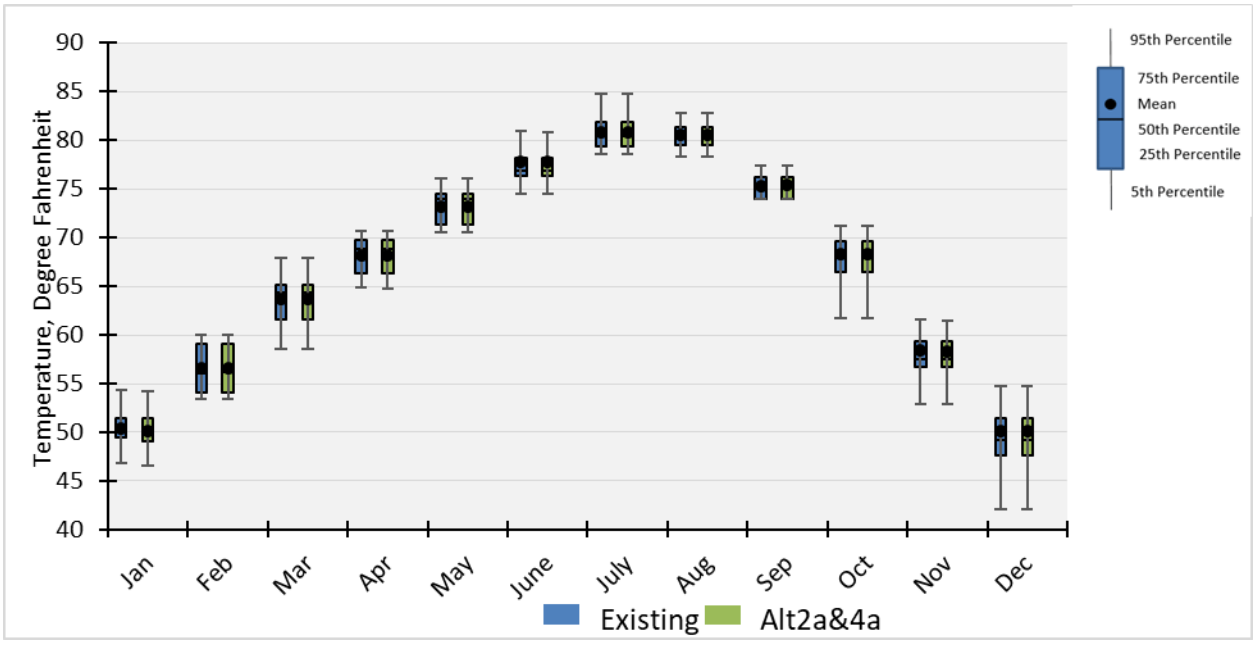


Figure 5A-D1.27.36. Stony Creek Above Sacramento, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

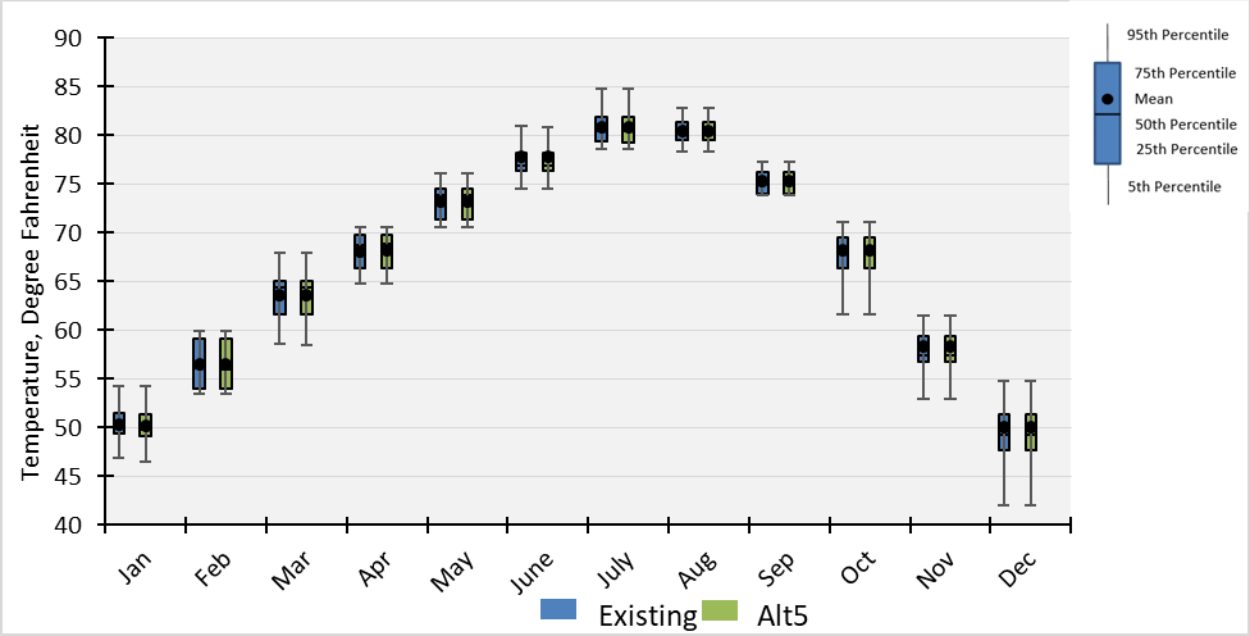
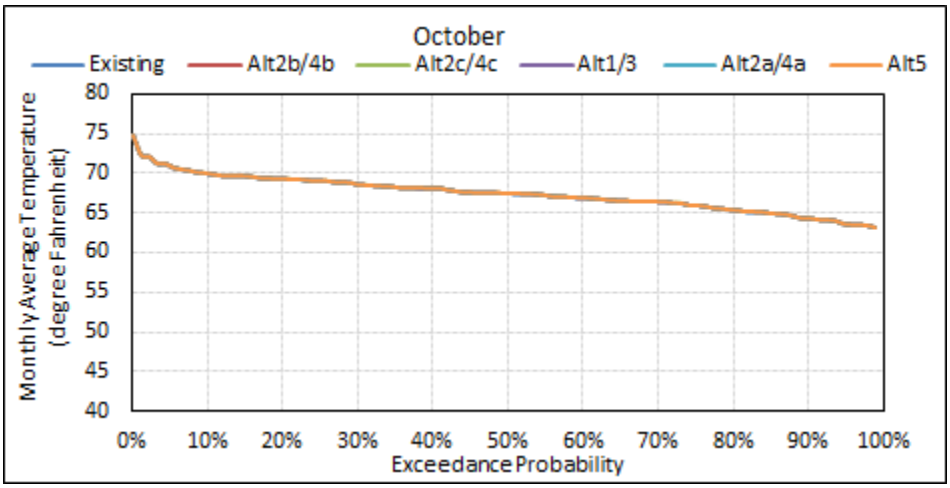
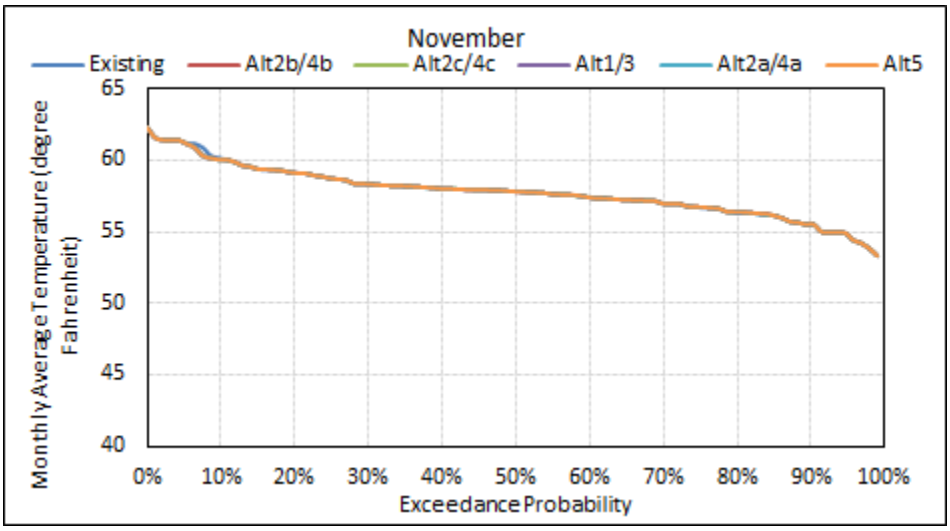


Figure 5A-D1.27.37-A. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





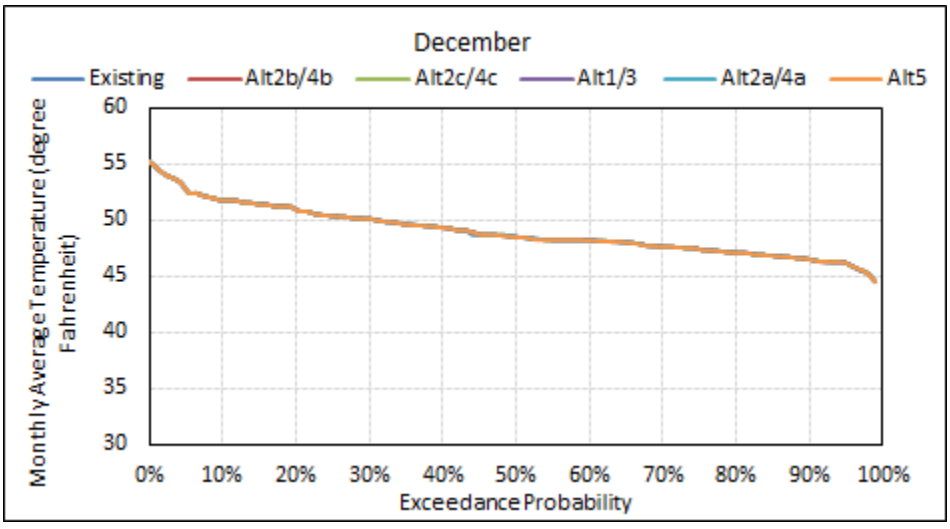
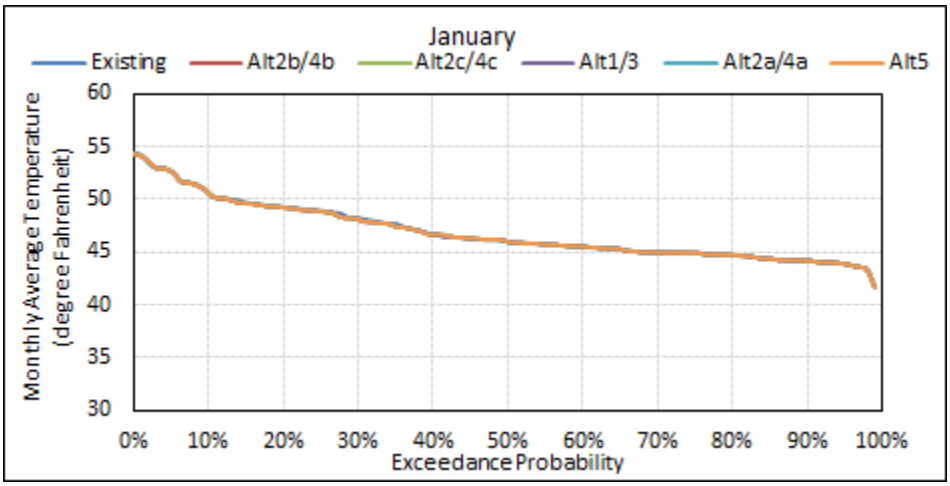
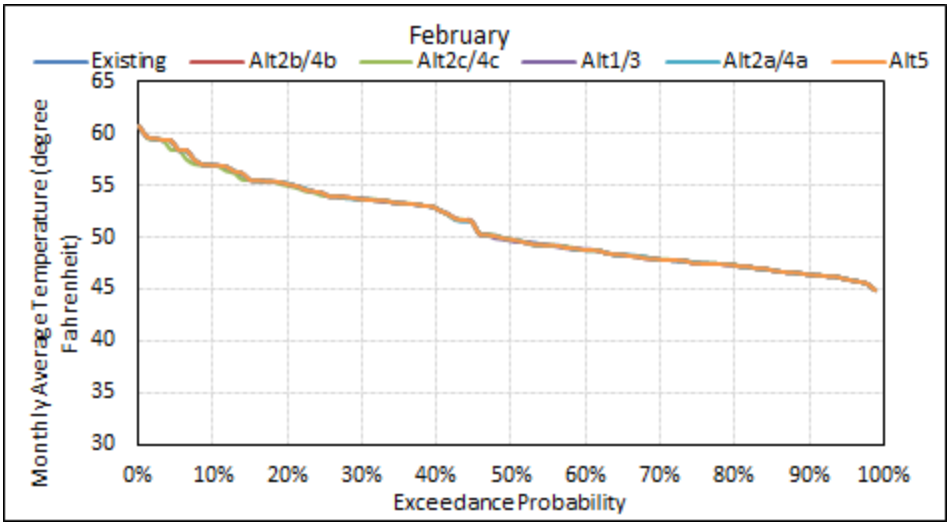


Figure 5A-D1.27.37-B. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





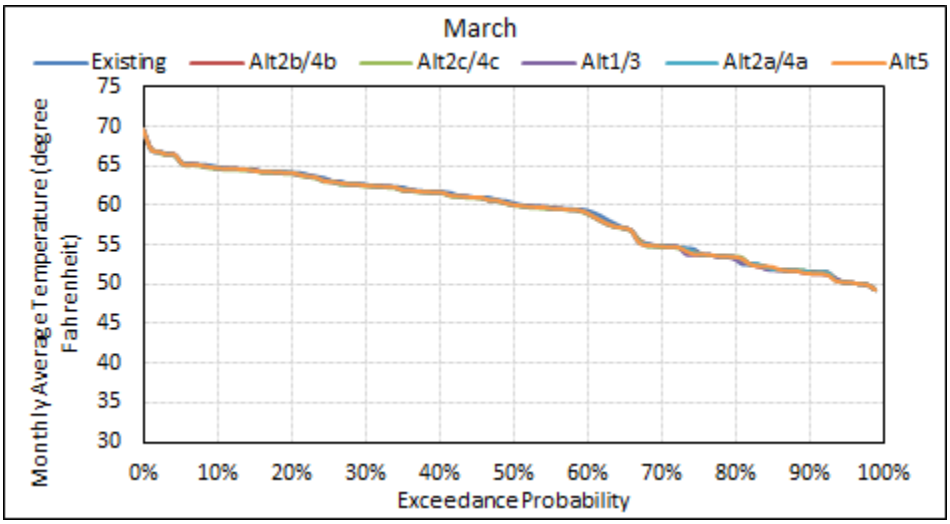
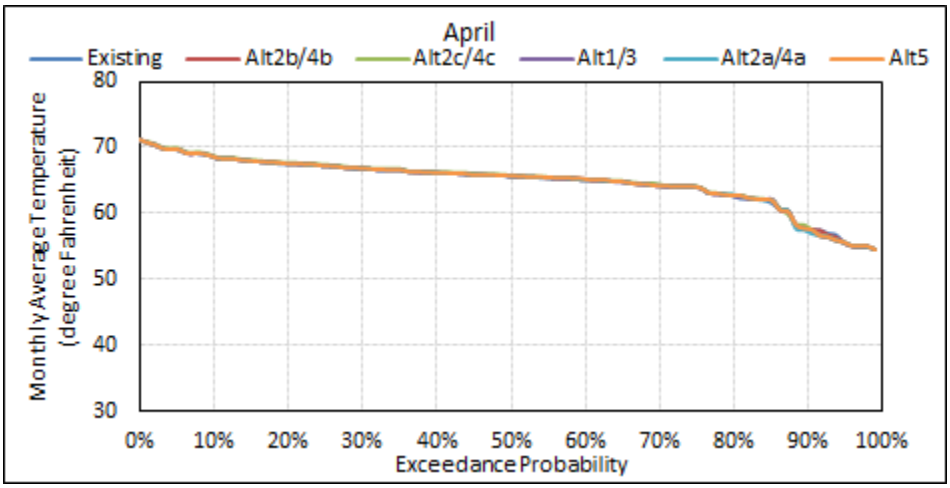
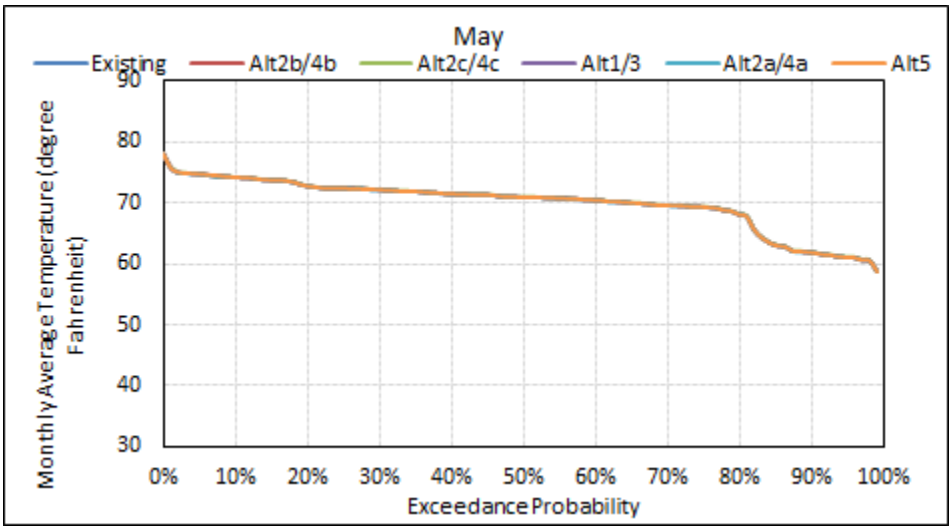


Figure 5A-D1.27.37-C. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





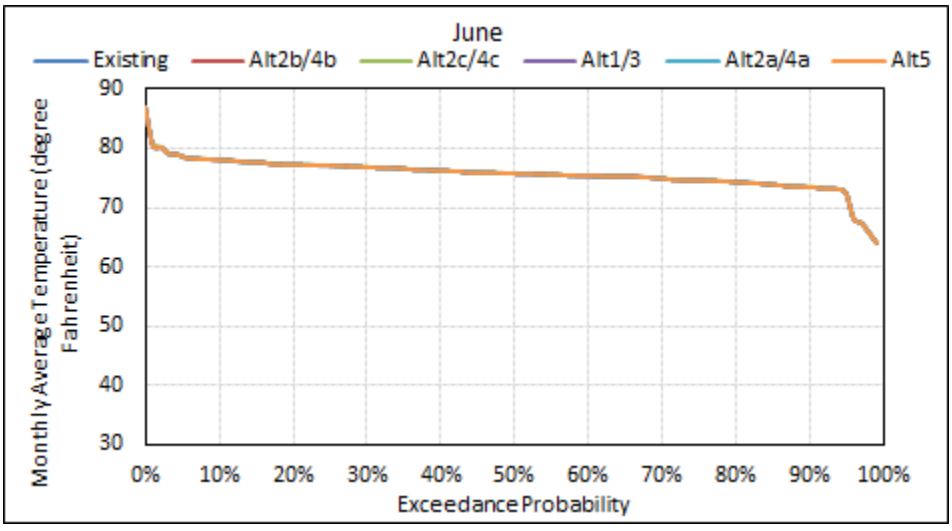
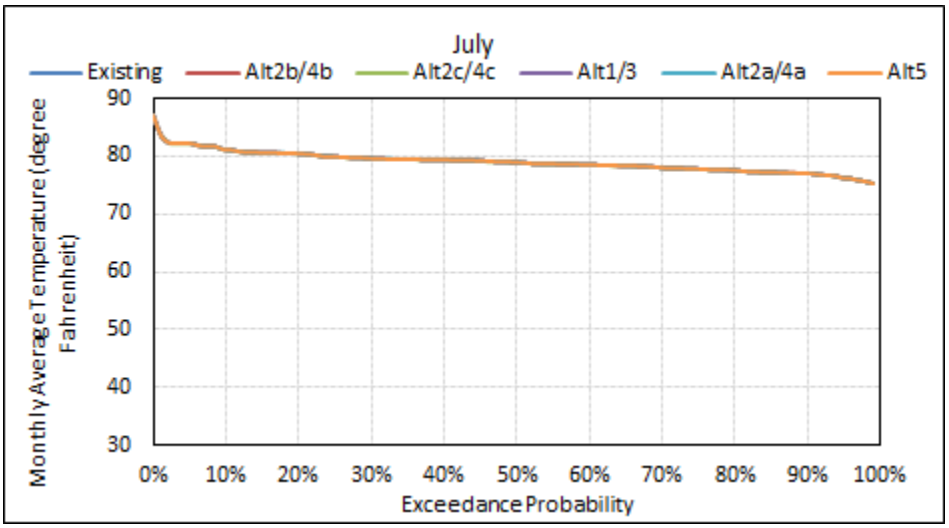
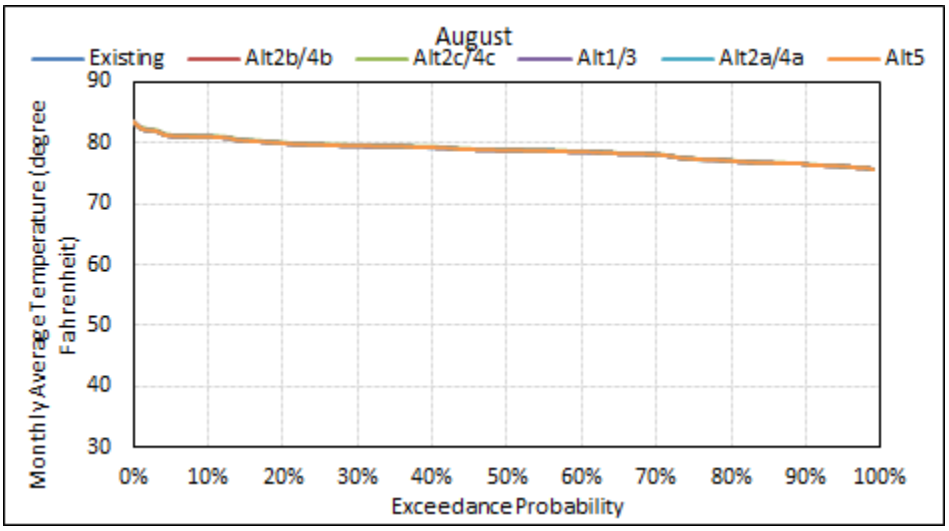


Figure 5A-D1.27.37-D. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





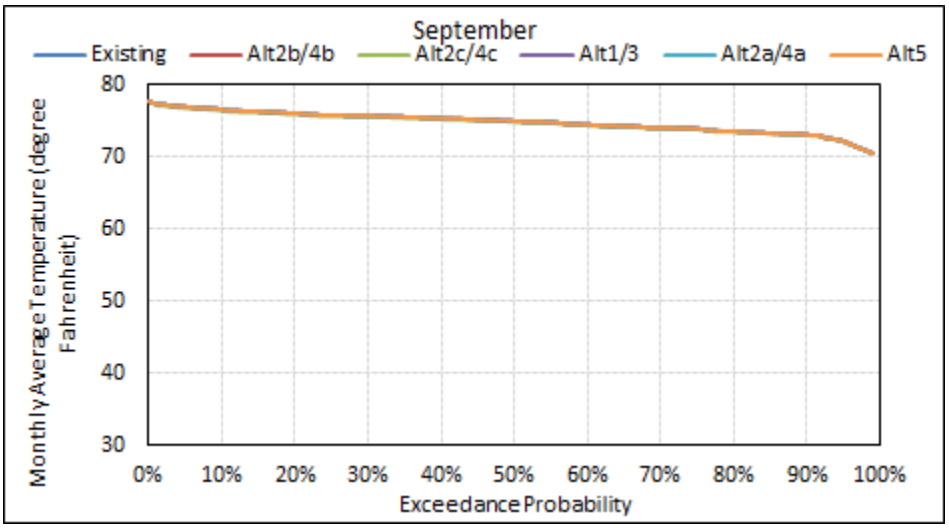


Figure 5A-D1.27.38. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

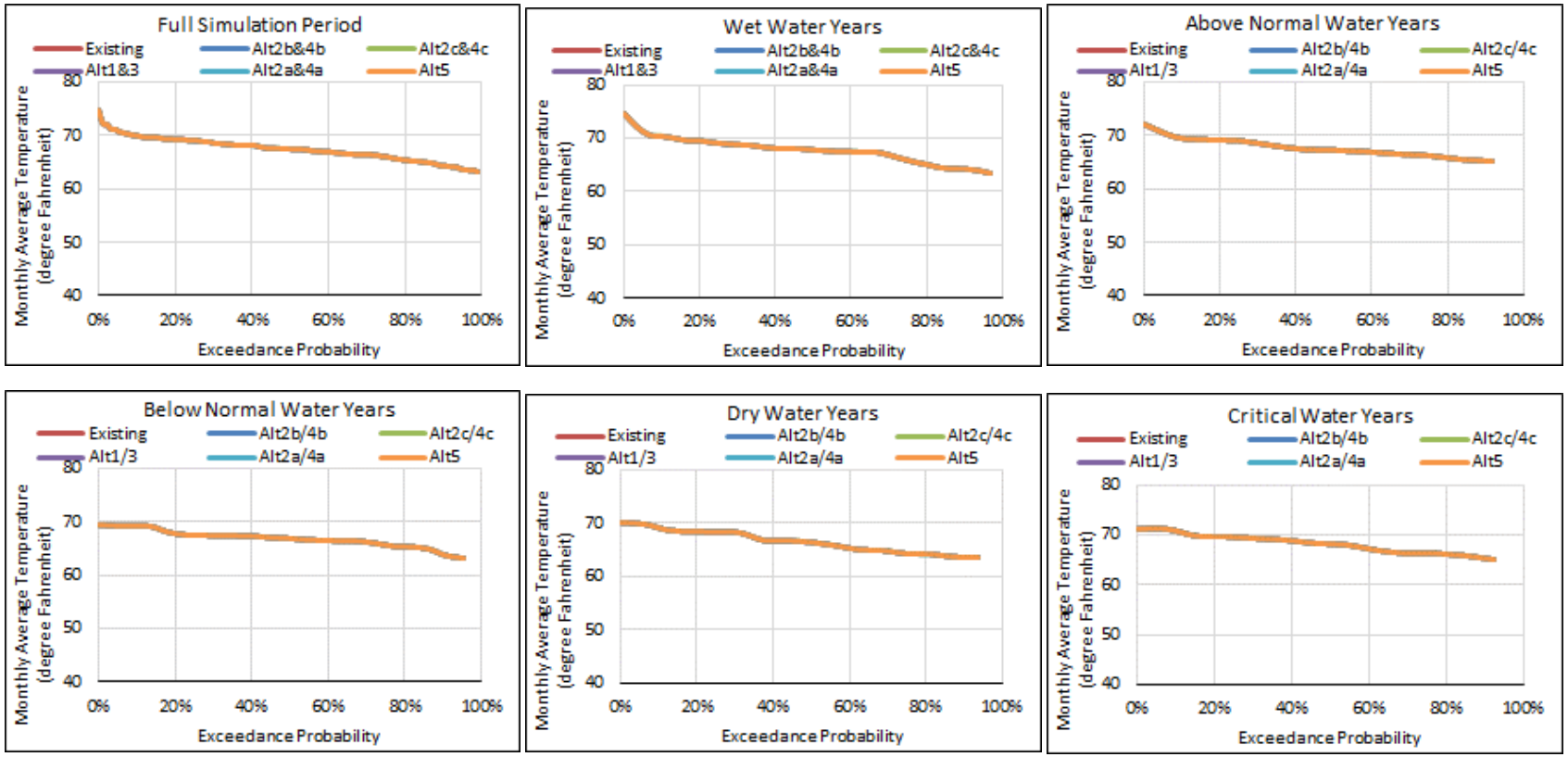


Figure 5A-D1.27.39. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

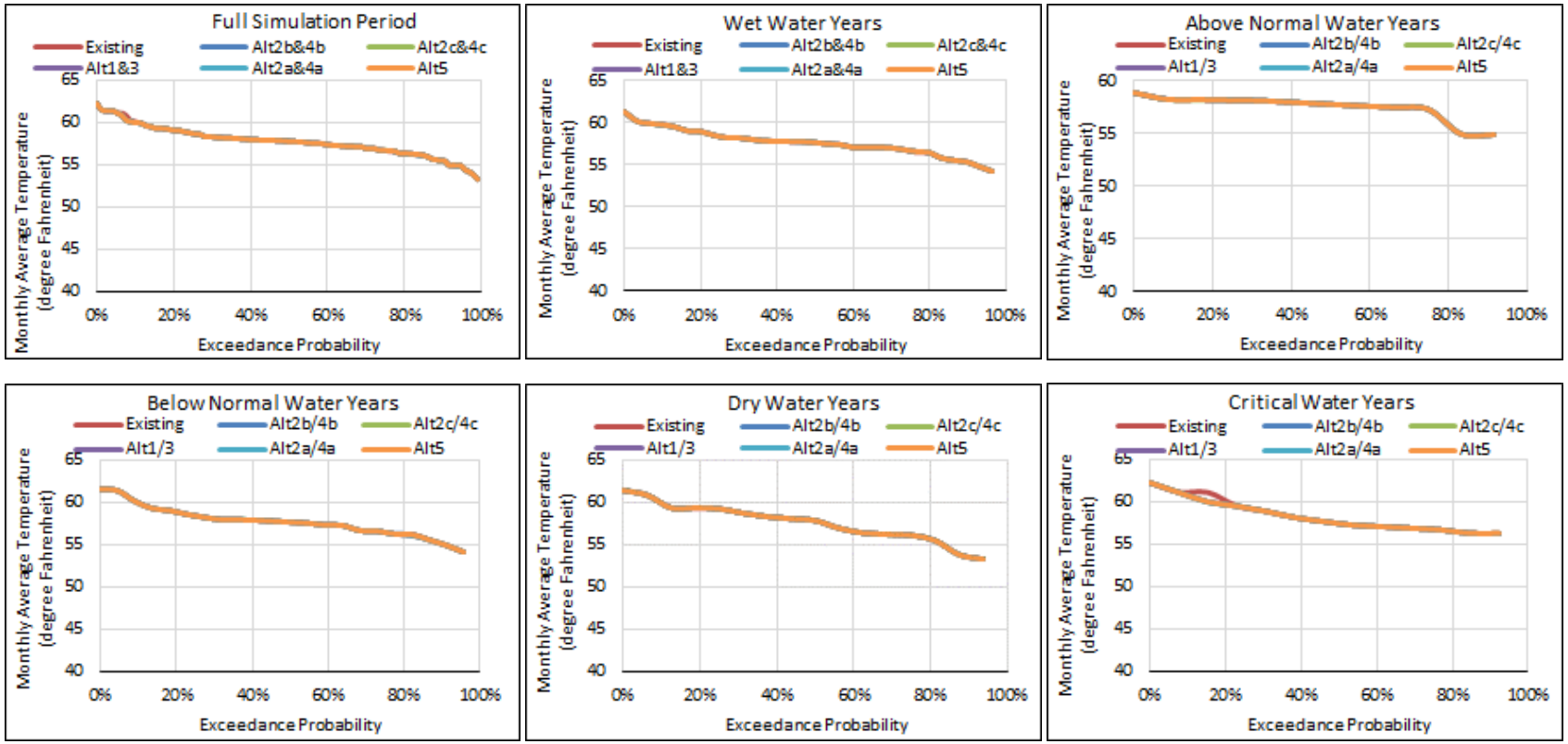


Figure 5A-D1.27.40. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

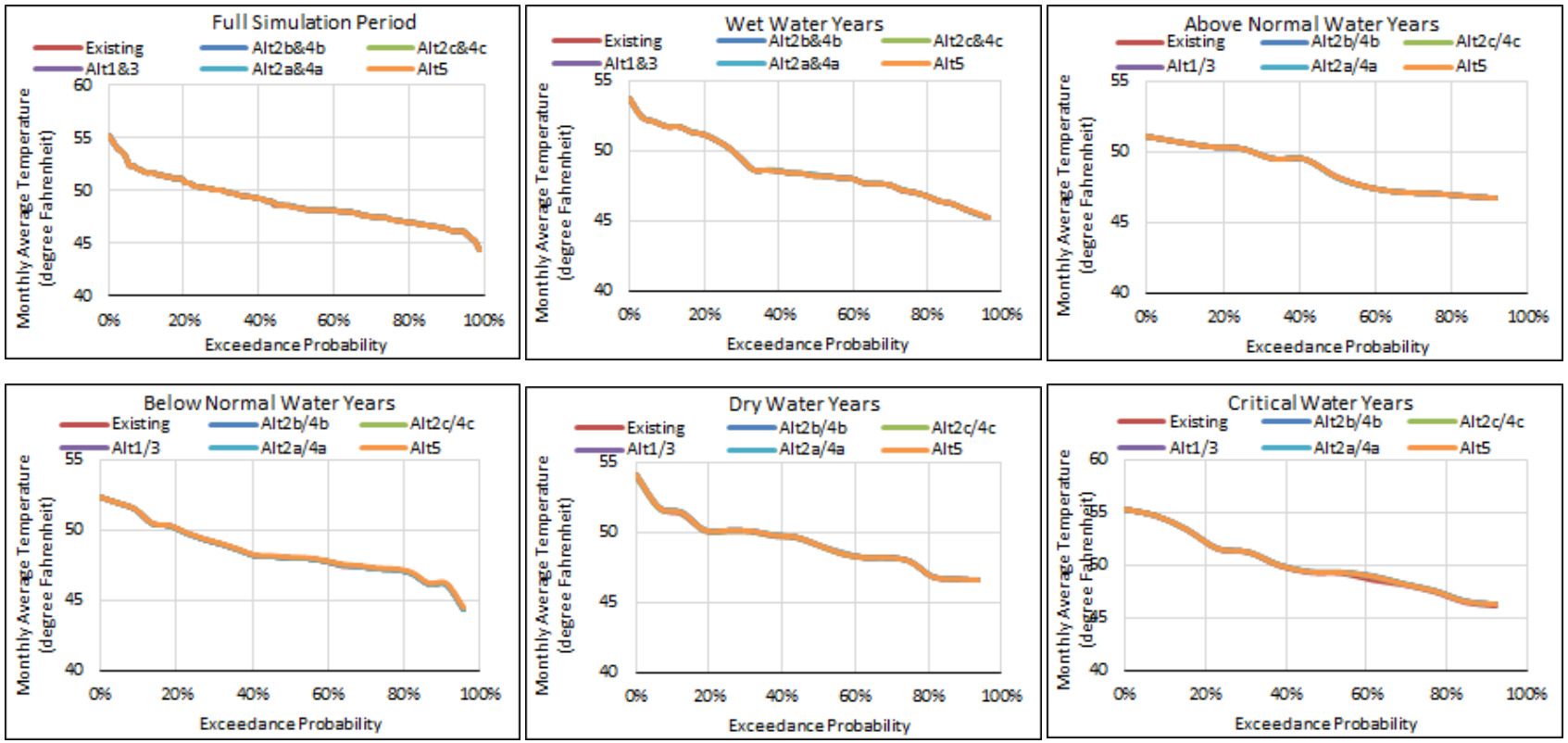


Figure 5A-D1.27.41. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

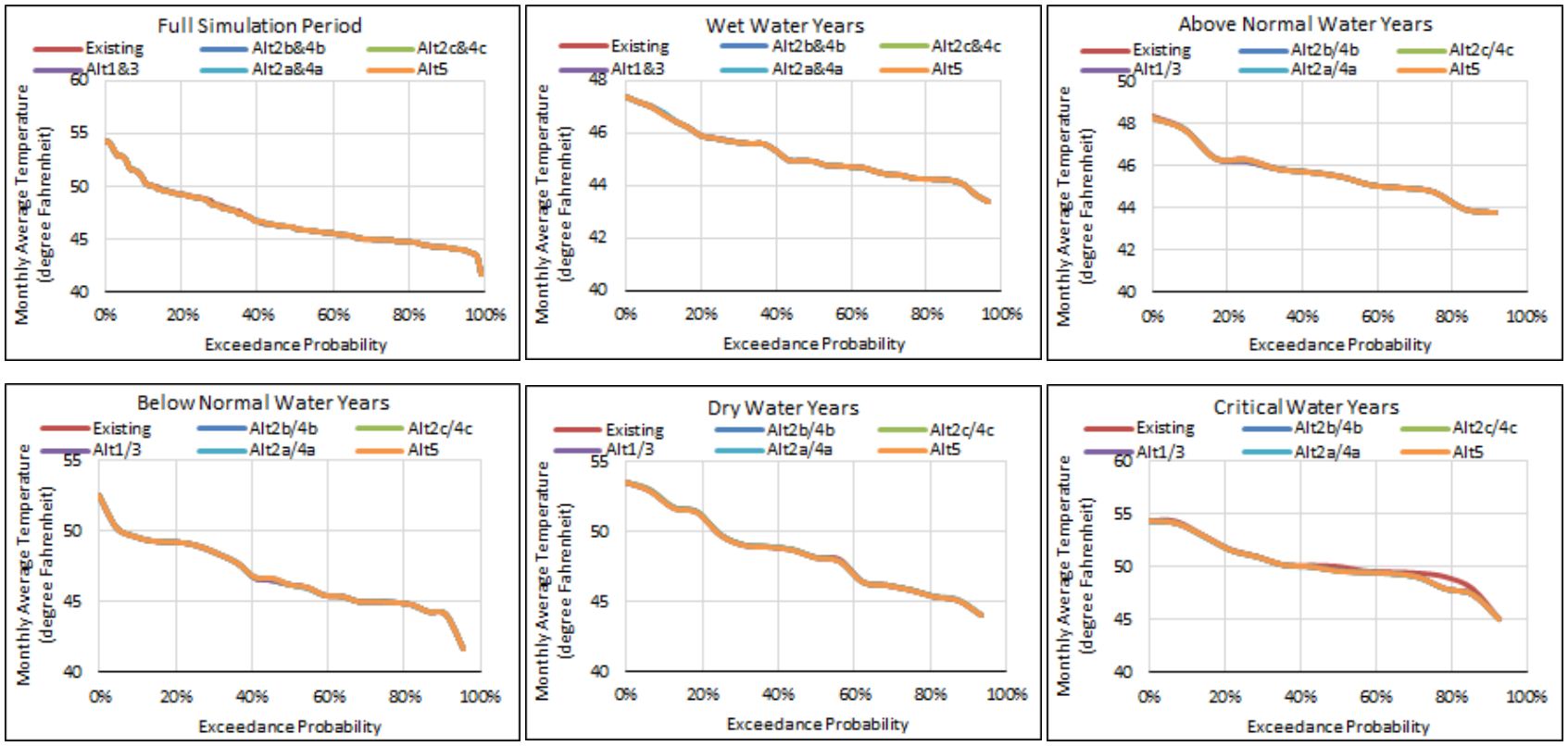


Figure 5A-D1.27.42. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

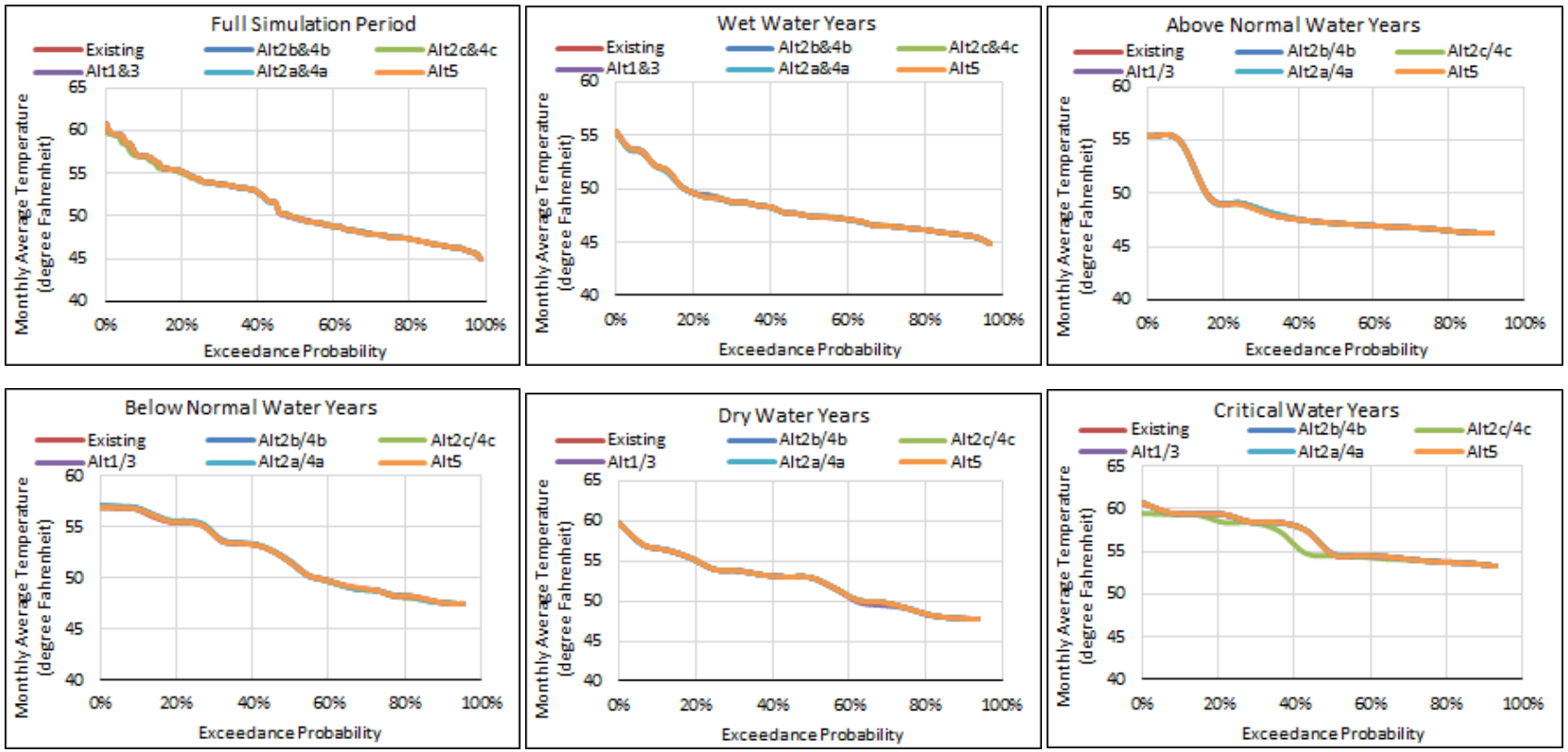


Figure 5A-D1.27.43. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

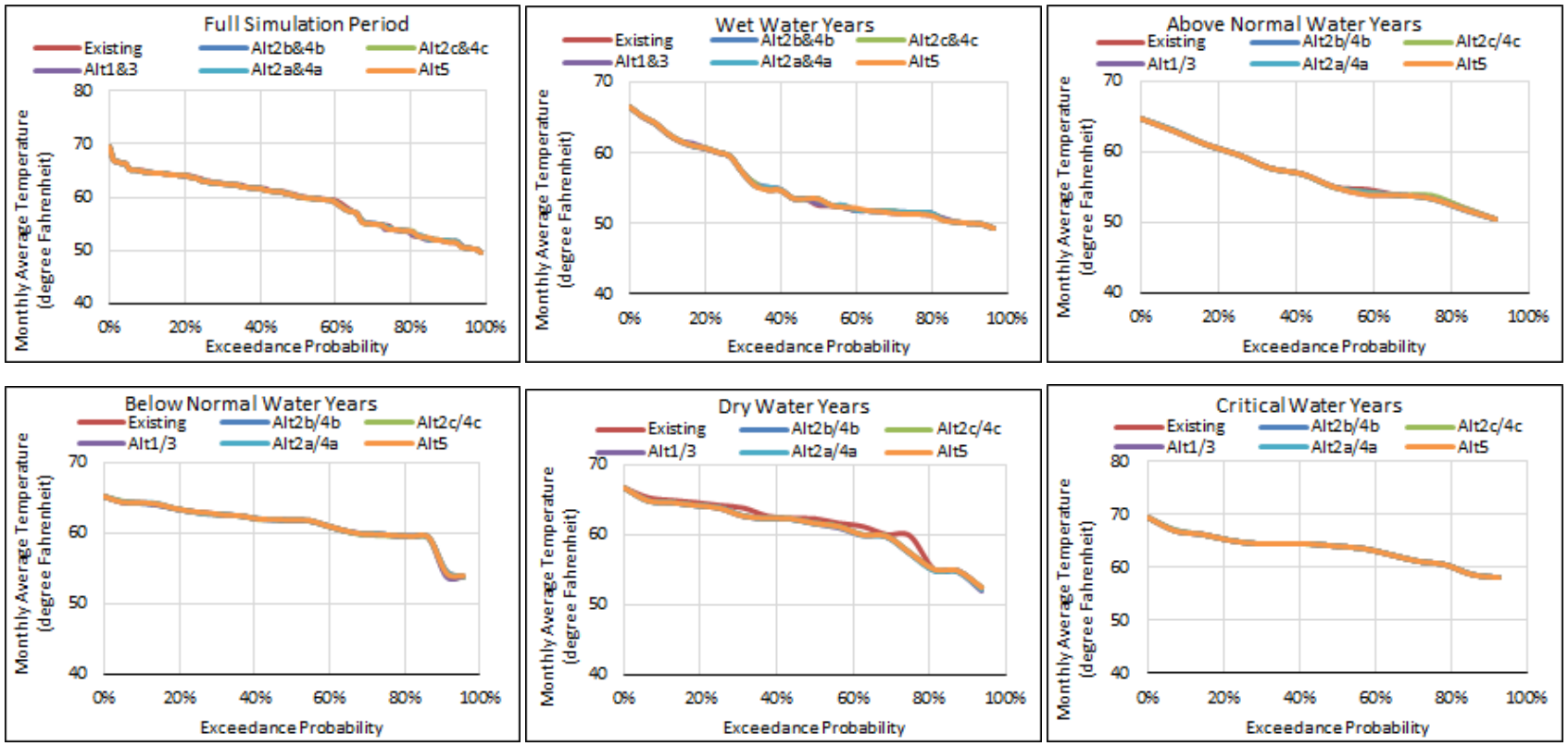


Figure 5A-D1.27.44. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

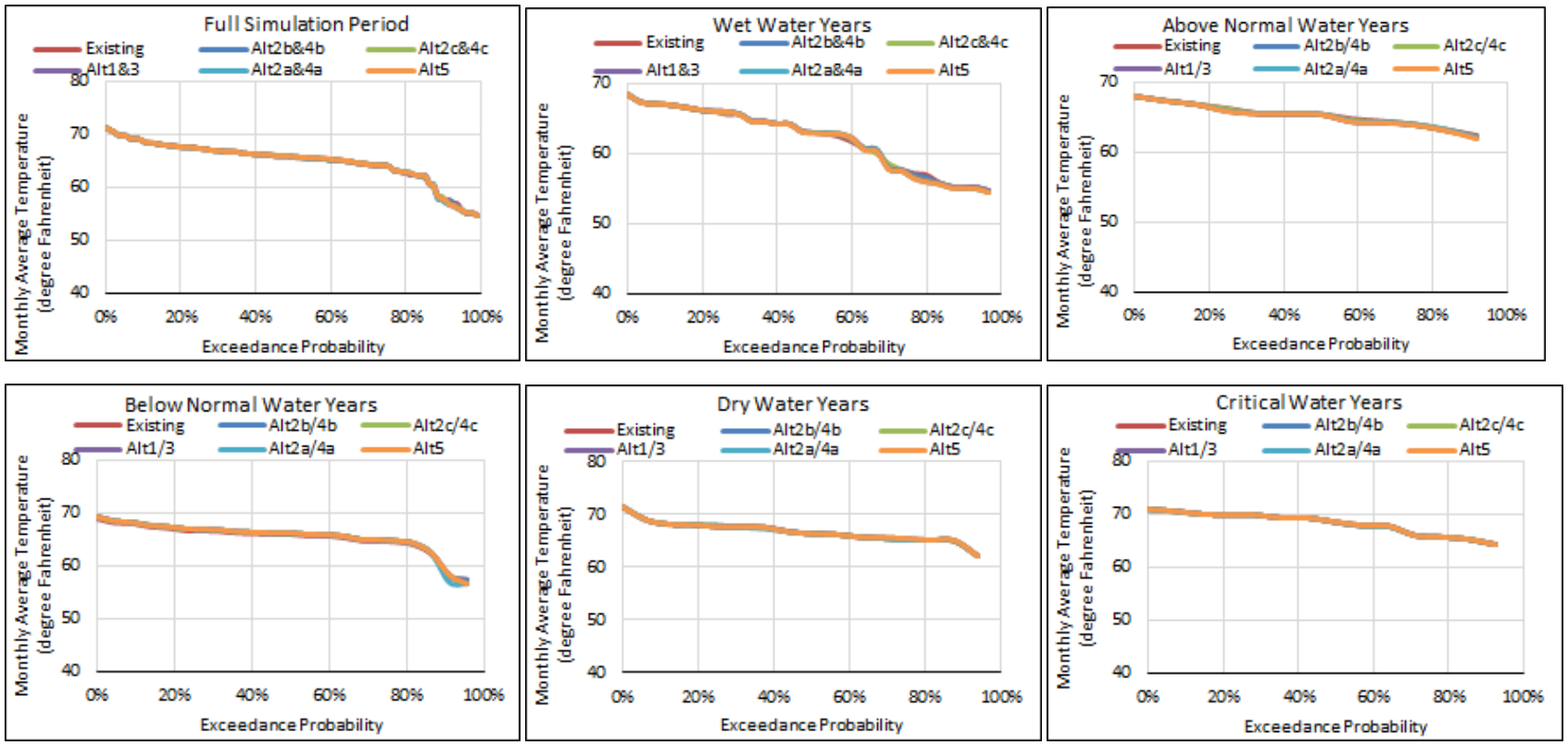


Figure 5A-D1.27.45. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

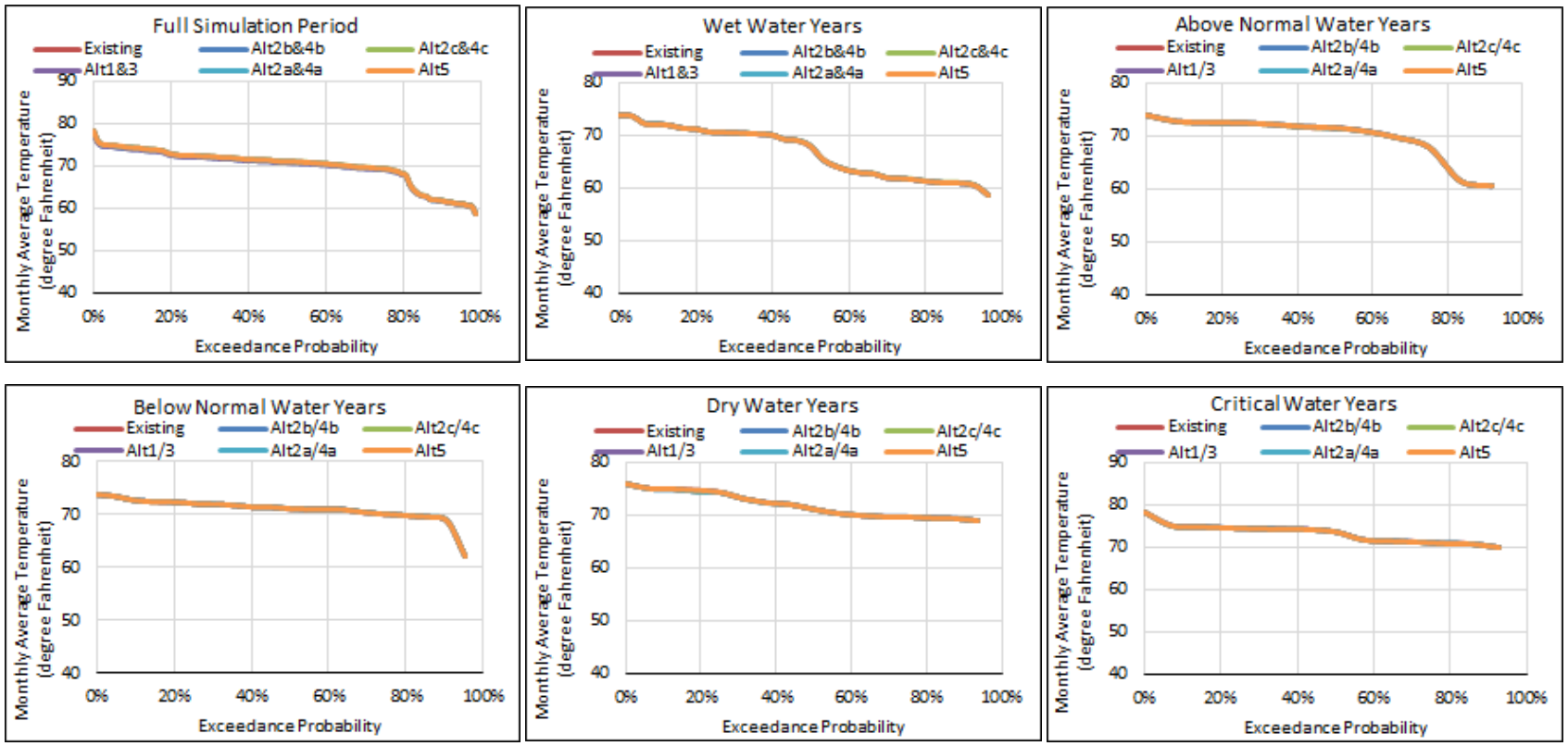


Figure 5A-D1.27.46. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

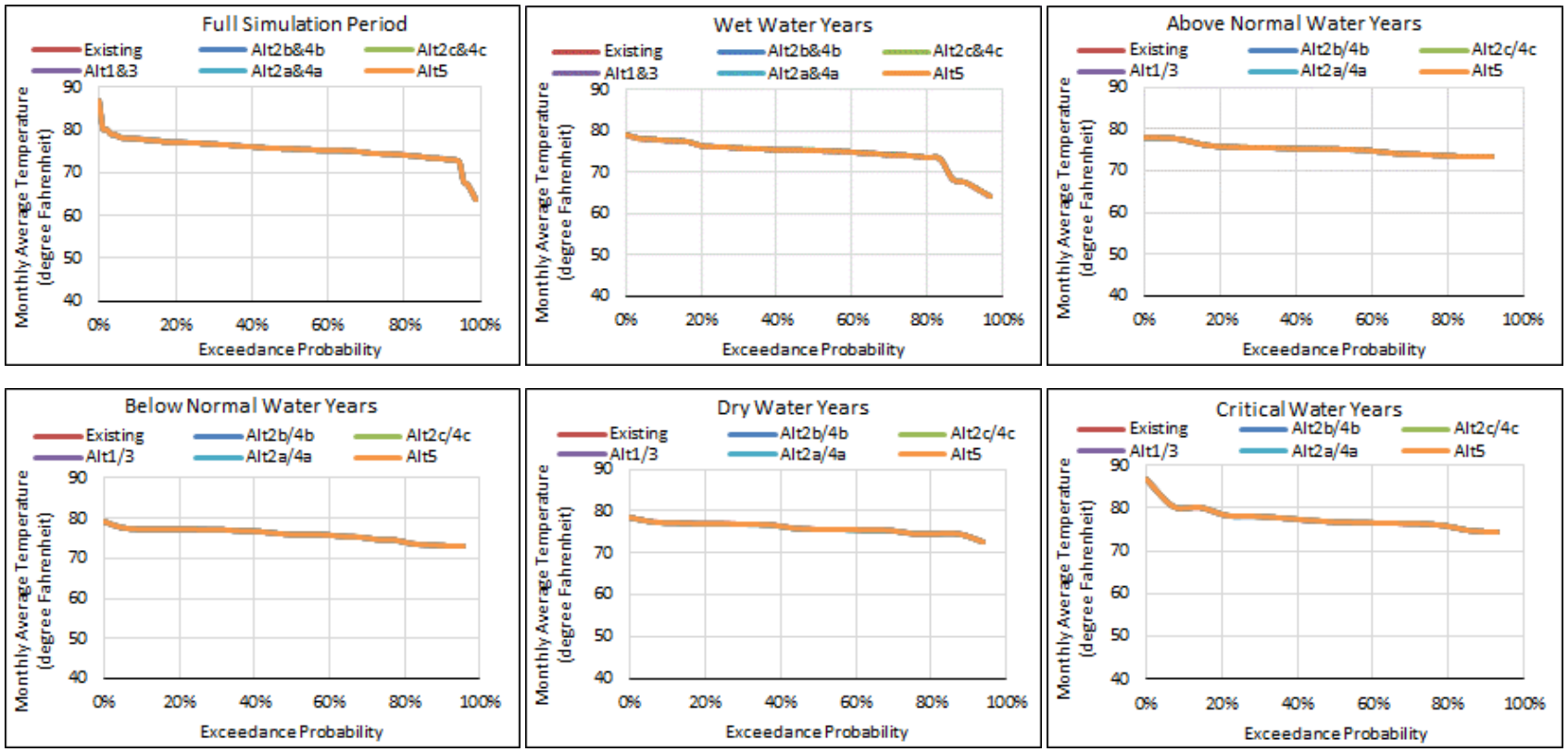


Figure 5A-D1.27.47. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

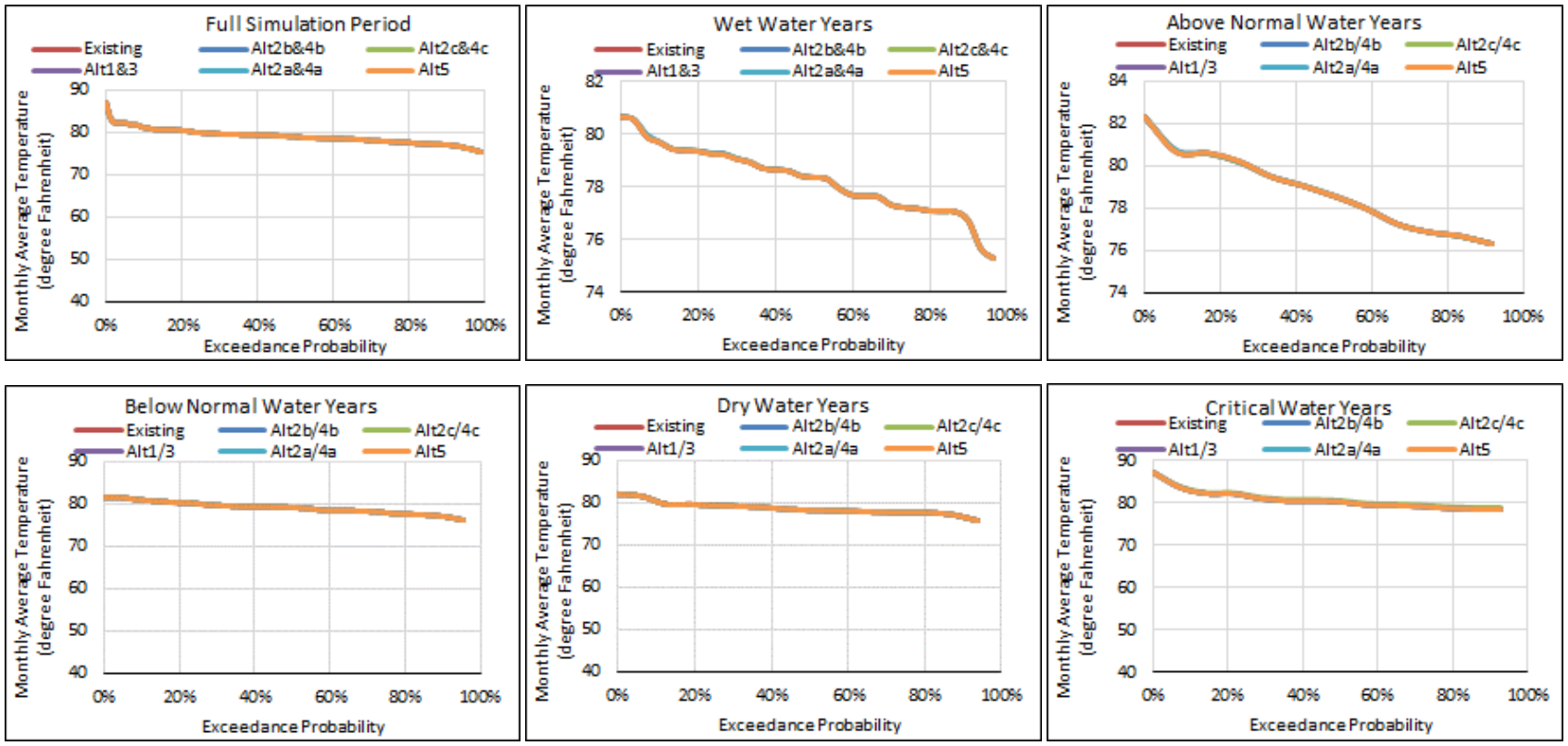


Figure 5A-D1.27.48. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

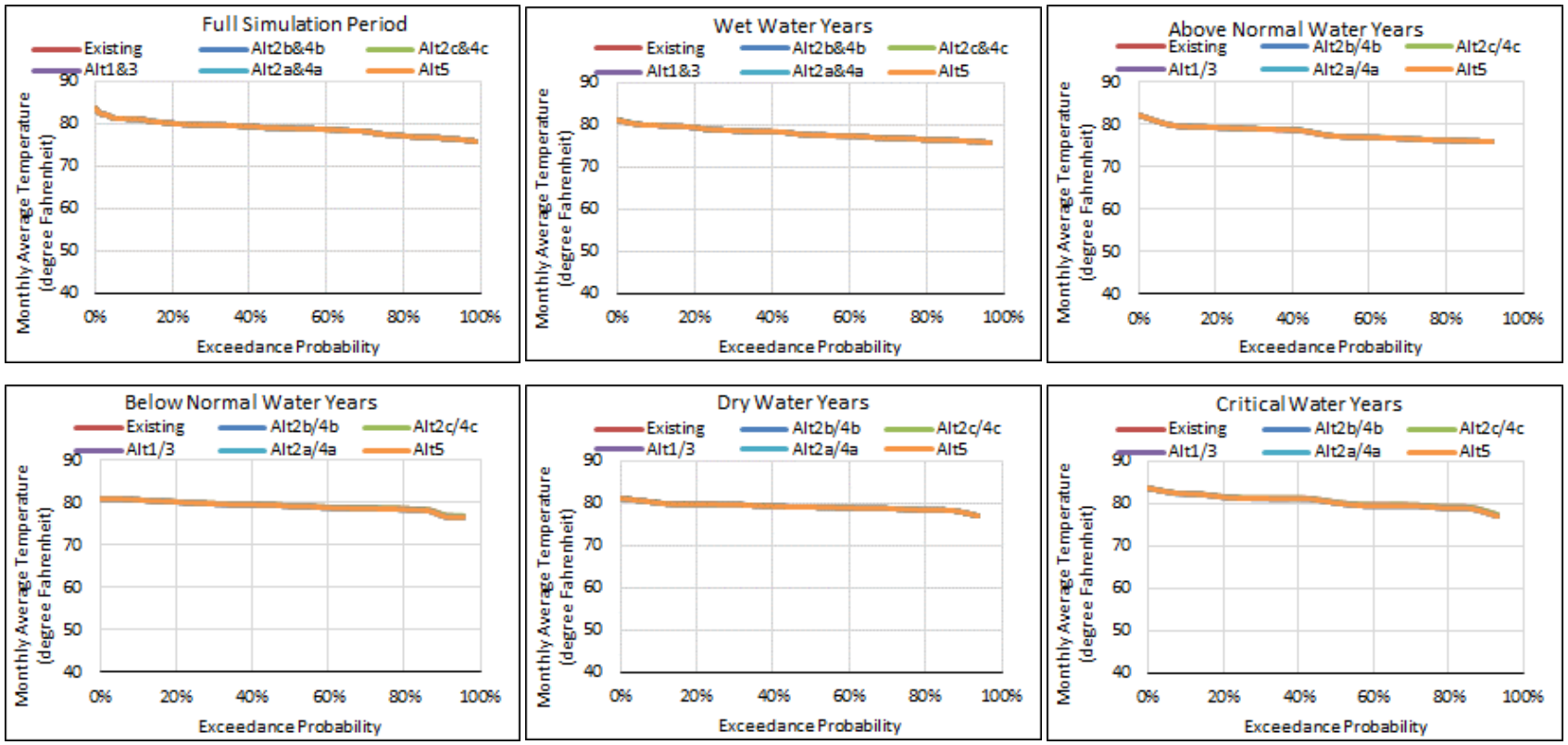
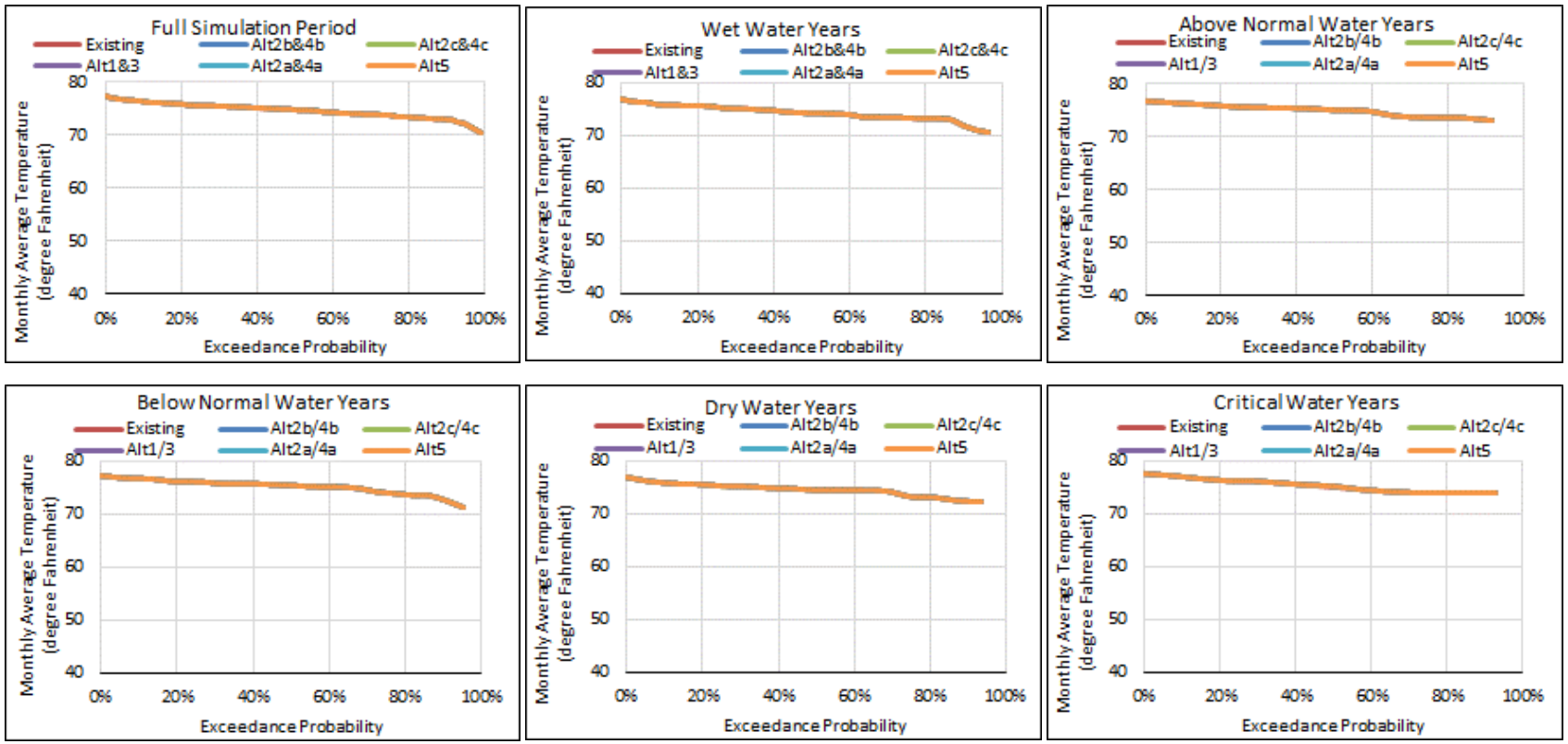


Figure 5A-D1.27.49. Stony Creek Above Sacramento, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.28 Stony Creek Below Black Butte

Table 5A-D1.28.1-A. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	70.9	59.1	49.7	46.4	48.2	53.1	57.5	62.7	66.2	71.2	77.5	74.8
20%	69.2	58.5	48.8	45.5	47.7	52.1	55.6	60.8	64.7	70.3	76.5	74.3
30%	68.8	57.7	48.0	45.0	47.3	51.7	54.8	59.2	64.0	69.7	75.1	74.0
40%	67.9	57.1	47.5	44.9	47.1	51.4	54.1	58.3	63.3	69.3	74.7	73.7
50%	66.3	56.6	47.2	44.5	46.8	51.1	53.7	57.6	62.5	68.7	74.2	73.2
60%	65.8	56.1	46.8	44.4	46.6	50.9	53.6	57.2	61.8	67.4	73.6	72.9
70%	65.1	55.5	46.4	44.1	46.3	50.5	53.3	56.7	60.7	64.7	71.0	72.5
80%	64.5	55.0	45.9	43.7	45.9	50.1	52.9	56.4	60.4	63.9	68.3	72.2
90%	64.1	54.4	45.4	43.4	45.5	49.6	52.7	56.1	60.1	63.5	67.2	71.8

Table 5A-D1.28.1-B. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.1	56.7	47.3	44.7	46.9	51.5	54.5	58.6	63.0	67.8	73.1	73.3
Wet Water Years	68.4	57.3	47.5	44.3	46.4	51.4	53.2	56.8	61.1	65.2	70.0	73.0
Above Normal Water Years	68.3	57.2	47.4	45.1	46.5	50.9	53.2	56.9	61.0	65.4	71.0	73.7
Below Normal Water Years	65.5	56.2	47.3	44.5	46.9	51.3	54.4	58.8	63.6	69.7	75.5	73.5
Dry Water Years	65.8	56.3	47.5	44.6	46.9	51.1	54.9	59.5	63.8	69.0	74.7	73.0
Critical Water Years	67.1	56.2	46.6	45.3	48.6	52.9	58.3	62.7	66.8	71.3	75.6	73.7

Table 5A-D1.28.1-C. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	70.9	59.2	49.7	46.4	48.1	53.1	57.5	62.7	66.2	71.2	77.5	74.8
20%	69.2	58.5	48.8	45.5	47.7	52.1	55.6	60.8	64.7	70.3	76.5	74.2
30%	68.9	57.7	48.0	45.0	47.3	51.9	54.8	59.3	64.0	69.7	75.1	74.0
40%	67.9	57.1	47.6	44.9	47.1	51.4	54.3	58.3	63.3	69.3	74.7	73.7
50%	66.3	56.6	47.2	44.6	46.8	51.1	53.8	57.6	62.5	68.7	74.2	73.2
60%	65.8	56.1	46.8	44.3	46.6	50.9	53.6	57.2	61.7	67.4	73.6	72.9
70%	65.1	55.5	46.5	44.0	46.4	50.4	53.2	56.7	60.7	64.7	71.0	72.5
80%	64.5	55.0	45.9	43.7	45.9	50.1	52.9	56.4	60.4	63.9	68.3	72.2
90%	64.1	54.4	45.4	43.4	45.5	49.6	52.7	56.1	60.1	63.5	67.2	71.8

Table 5A-D1.28.1-D. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.1	56.7	47.3	44.6	46.9	51.5	54.5	58.6	63.0	67.8	73.1	73.3
Wet Water Years	68.4	57.3	47.5	44.3	46.4	51.4	53.2	56.8	61.1	65.2	70.0	73.0
Above Normal Water Years	68.3	57.2	47.4	45.1	46.5	50.9	53.1	56.8	60.9	65.4	71.0	73.7
Below Normal Water Years	65.5	56.2	47.3	44.5	46.9	51.3	54.4	58.8	63.6	69.7	75.5	73.5
Dry Water Years	65.8	56.3	47.5	44.6	46.9	51.1	55.0	59.5	63.8	69.0	74.7	73.0
Critical Water Years	67.1	56.3	46.7	45.3	48.6	52.9	58.3	62.7	66.8	71.3	75.6	73.7

Table 5A-D1.28.1-E. Stony Creek Below Black Butte, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.1-F. Stony Creek Below Black Butte, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	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	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 Water Years	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 Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.1-G. Stony Creek Below Black Butte, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.2%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
20%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
40%	0.0%	0.0%	0.2%	0.0%	0.0%	-0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.28.1-H. Stony Creek Below Black Butte, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	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 Water Years	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.28.2-A. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	70.9	59.2	49.7	46.4	48.2	53.1	57.6	62.7	66.2	71.2	77.5	74.8
20%	69.2	58.5	48.8	45.5	47.6	52.1	55.7	60.8	64.7	70.3	76.5	74.3
30%	68.9	57.7	48.0	45.1	47.3	51.7	54.9	59.3	64.0	69.7	75.1	74.0
40%	67.9	57.1	47.6	44.8	47.1	51.4	54.1	58.3	63.3	69.3	74.7	73.7
50%	66.3	56.6	47.2	44.6	46.8	51.1	53.7	57.6	62.5	68.7	74.2	73.2
60%	65.8	56.1	46.8	44.3	46.6	50.9	53.5	57.2	61.8	67.4	73.6	72.9
70%	65.1	55.5	46.5	44.1	46.3	50.6	53.2	56.7	60.7	64.7	71.0	72.5
80%	64.5	55.0	45.9	43.7	45.9	50.2	52.9	56.4	60.4	63.9	68.3	72.2
90%	64.1	54.4	45.4	43.4	45.5	49.6	52.6	56.0	60.1	63.5	67.2	71.8

Table 5A-D1.28.2-B. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.1	56.7	47.3	44.6	46.9	51.5	54.5	58.6	63.0	67.8	73.1	73.3
Wet Water Years	68.4	57.3	47.5	44.3	46.4	51.4	53.2	56.8	61.1	65.2	70.0	73.0
Above Normal Water Years	68.3	57.2	47.4	45.1	46.5	50.9	53.2	56.9	61.0	65.4	71.0	73.8
Below Normal Water Years	65.5	56.2	47.3	44.5	46.9	51.3	54.3	58.8	63.6	69.7	75.5	73.5
Dry Water Years	65.8	56.3	47.5	44.6	46.9	51.2	55.0	59.5	63.8	69.0	74.7	73.0
Critical Water Years	67.1	56.3	46.7	45.3	48.6	52.8	58.3	62.7	66.8	71.3	75.6	73.7

Table 5A-D1.28.2-C. Stony Creek Below Black Butte, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0
50%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.2-D. Stony Creek Below Black Butte, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	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	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 Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.2-E. Stony Creek Below Black Butte, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
20%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%
40%	0.0%	0.0%	0.2%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
50%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.28.2-F. Stony Creek Below Black Butte, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.2%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.28.3-A. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	70.8	59.2	49.7	46.4	48.1	53.2	57.5	62.7	66.3	71.2	77.5	74.7
20%	69.2	58.4	48.8	45.4	47.6	52.0	55.7	60.8	64.7	70.3	76.5	74.2
30%	68.9	57.7	48.0	45.1	47.3	51.7	54.9	59.5	64.0	69.7	75.1	74.0
40%	67.9	57.1	47.6	44.8	47.1	51.3	54.3	58.3	63.3	69.2	74.7	73.7
50%	66.3	56.6	47.3	44.6	46.8	51.0	53.7	57.6	62.4	68.7	74.2	73.2
60%	65.8	56.1	46.8	44.3	46.6	50.8	53.5	57.2	61.7	67.4	73.6	72.9
70%	65.1	55.5	46.5	44.1	46.3	50.4	53.2	56.7	60.7	64.7	71.0	72.5
80%	64.5	55.0	45.9	43.7	45.9	50.0	52.8	56.4	60.4	63.9	68.3	72.2
90%	64.1	54.4	45.4	43.4	45.5	49.6	52.6	56.1	60.1	63.5	67.2	71.8

Table 5A-D1.28.3-B. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.1	56.7	47.3	44.6	46.9	51.5	54.5	58.6	63.0	67.8	73.0	73.3
Wet Water Years	68.4	57.3	47.5	44.3	46.4	51.4	53.2	56.8	61.1	65.2	70.0	73.0
Above Normal Water Years	68.3	57.2	47.4	45.1	46.5	50.8	53.1	56.8	60.9	65.4	71.0	73.7
Below Normal Water Years	65.5	56.2	47.3	44.5	46.9	51.3	54.3	58.8	63.6	69.7	75.5	73.5
Dry Water Years	65.8	56.3	47.5	44.6	46.8	51.1	55.0	59.6	63.8	69.0	74.7	72.9
Critical Water Years	67.1	56.3	46.7	45.3	48.6	52.9	58.3	62.7	66.8	71.3	75.6	73.7

Table 5A-D1.28.3-C. Stony Creek Below Black Butte, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.1	0.0	0.1	-0.1	0.2	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.1	0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.3-D. Stony Creek Below Black Butte, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.3-E. Stony Creek Below Black Butte, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.2%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%
20%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%
30%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.3%	0.4%	-0.1%	0.0%	0.0%	0.0%
40%	0.0%	0.0%	0.2%	-0.1%	0.2%	-0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.1%	0.1%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.28.3-F. Stony Creek Below Black Butte, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.28.4-A. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	70.9	59.2	49.7	46.4	48.1	53.1	57.6	62.7	66.2	71.2	77.5	74.8
20%	69.2	58.5	48.8	45.4	47.6	52.0	55.6	60.8	64.7	70.3	76.5	74.2
30%	68.9	57.7	48.0	45.1	47.3	51.7	54.8	59.3	64.0	69.7	75.1	74.0
40%	67.9	57.1	47.5	44.9	47.1	51.4	54.1	58.3	63.3	69.2	74.7	73.7
50%	66.3	56.6	47.2	44.5	46.9	51.1	53.7	57.6	62.5	68.7	74.2	73.2
60%	65.8	56.1	46.8	44.3	46.6	50.9	53.4	57.2	61.7	67.4	73.6	72.9
70%	65.1	55.5	46.5	44.1	46.4	50.5	53.1	56.7	60.7	64.7	71.0	72.5
80%	64.5	55.0	45.9	43.7	45.9	50.1	52.9	56.4	60.4	63.9	68.3	72.2
90%	64.1	54.4	45.4	43.4	45.5	49.6	52.6	56.1	60.1	63.5	67.2	71.8

Table 5A-D1.28.4-B. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.1	56.7	47.3	44.6	46.9	51.5	54.5	58.6	63.0	67.8	73.0	73.3
Wet Water Years	68.4	57.3	47.5	44.3	46.4	51.4	53.2	56.8	61.1	65.2	70.0	73.0
Above Normal Water Years	68.3	57.2	47.4	45.1	46.5	50.8	53.1	56.8	60.9	65.4	71.0	73.7
Below Normal Water Years	65.5	56.2	47.3	44.5	47.0	51.3	54.3	58.8	63.6	69.7	75.5	73.5
Dry Water Years	65.8	56.3	47.5	44.6	46.9	51.1	54.9	59.5	63.8	69.0	74.7	72.9
Critical Water Years	67.1	56.2	46.7	45.3	48.6	52.9	58.3	62.7	66.8	71.3	75.6	73.7

Table 5A-D1.28.4-C. Stony Creek Below Black Butte, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.4-D. Stony Creek Below Black Butte, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
Dry Water Years	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 Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.4-E. Stony Creek Below Black Butte, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
20%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
40%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	-0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.28.4-F. Stony Creek Below Black Butte, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.28.5-A. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	70.8	59.2	49.7	46.4	48.1	53.2	57.5	62.7	66.3	71.2	77.5	74.7
20%	69.2	58.4	48.8	45.4	47.6	52.0	55.7	60.8	64.7	70.3	76.5	74.2
30%	68.9	57.7	48.0	45.1	47.3	51.7	54.9	59.3	64.0	69.7	75.1	74.0
40%	67.9	57.1	47.6	44.9	47.1	51.3	54.3	58.3	63.3	69.2	74.7	73.7
50%	66.3	56.6	47.2	44.6	46.9	51.0	53.7	57.6	62.4	68.7	74.2	73.2
60%	65.8	56.1	46.8	44.3	46.6	50.8	53.6	57.2	61.7	67.4	73.6	72.9
70%	65.1	55.5	46.5	44.0	46.3	50.4	53.2	56.7	60.7	64.7	71.0	72.5
80%	64.5	55.0	45.9	43.7	45.9	50.1	52.9	56.4	60.4	63.9	68.3	72.2
90%	64.1	54.4	45.4	43.4	45.5	49.5	52.6	56.1	60.1	63.5	67.2	71.8

Table 5A-D1.28.5-B. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	67.1	56.7	47.3	44.6	46.9	51.5	54.5	58.6	63.0	67.8	73.0	73.3
Wet Water Years	68.4	57.3	47.5	44.3	46.4	51.4	53.2	56.8	61.1	65.2	70.0	73.0
Above Normal Water Years	68.3	57.2	47.4	45.1	46.5	50.7	53.0	56.8	60.9	65.4	71.0	73.7
Below Normal Water Years	65.5	56.2	47.3	44.5	46.9	51.3	54.3	58.8	63.6	69.7	75.5	73.5
Dry Water Years	65.8	56.3	47.5	44.6	46.9	51.1	55.0	59.6	63.8	69.0	74.7	73.0
Critical Water Years	67.1	56.3	46.7	45.3	48.6	52.9	58.3	62.7	66.8	71.3	75.6	73.7

Table 5A-D1.28.5-C. Stony Creek Below Black Butte, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	-0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0
20%	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.1	0.0	0.0	-0.1	0.2	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
70%	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%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.5-D. Stony Creek Below Black Butte, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	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	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	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
Dry Water Years	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 Water Years	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.28.5-E. Stony Creek Below Black Butte, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.2%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
20%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
30%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.3%	0.1%	-0.1%	0.0%	0.0%	0.0%
40%	0.0%	0.0%	0.2%	0.0%	0.1%	-0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.28.5-F. Stony Creek Below Black Butte, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Below Normal Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

Figure 5A-D1.28.1. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

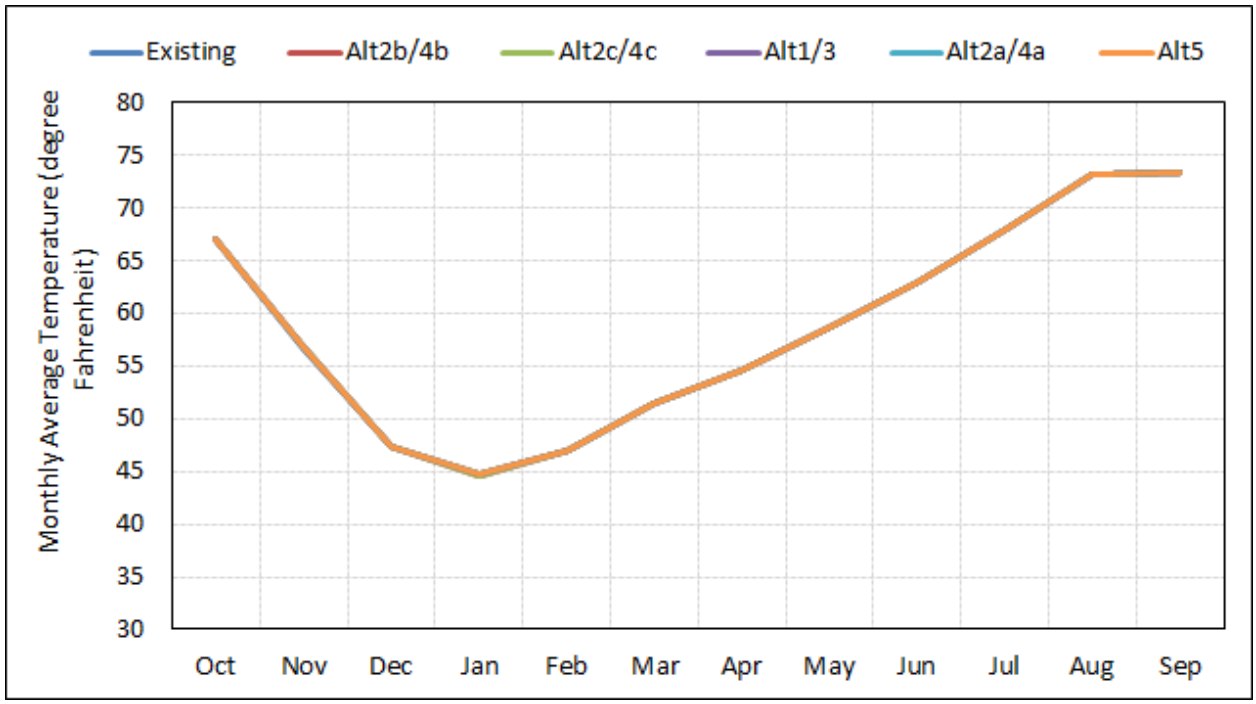


Figure 5A-D1.28.2. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

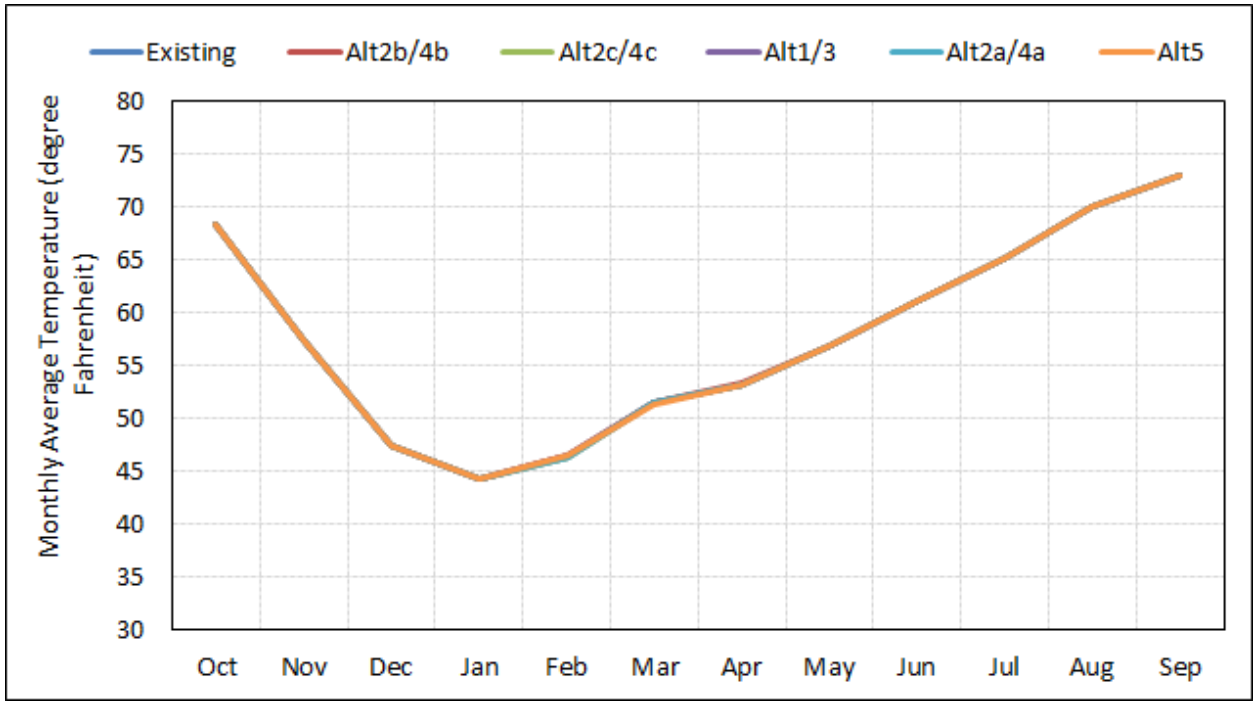


Figure 5A-D1.28.3. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

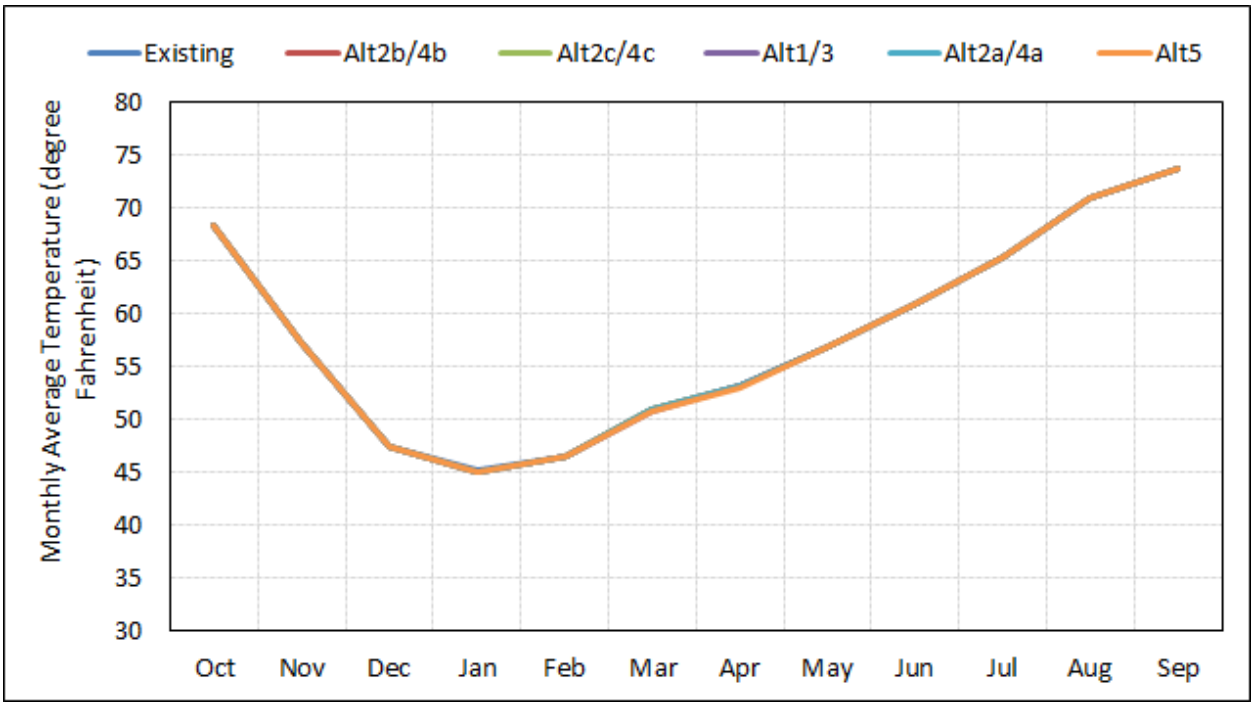


Figure 5A-D1.28.4. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

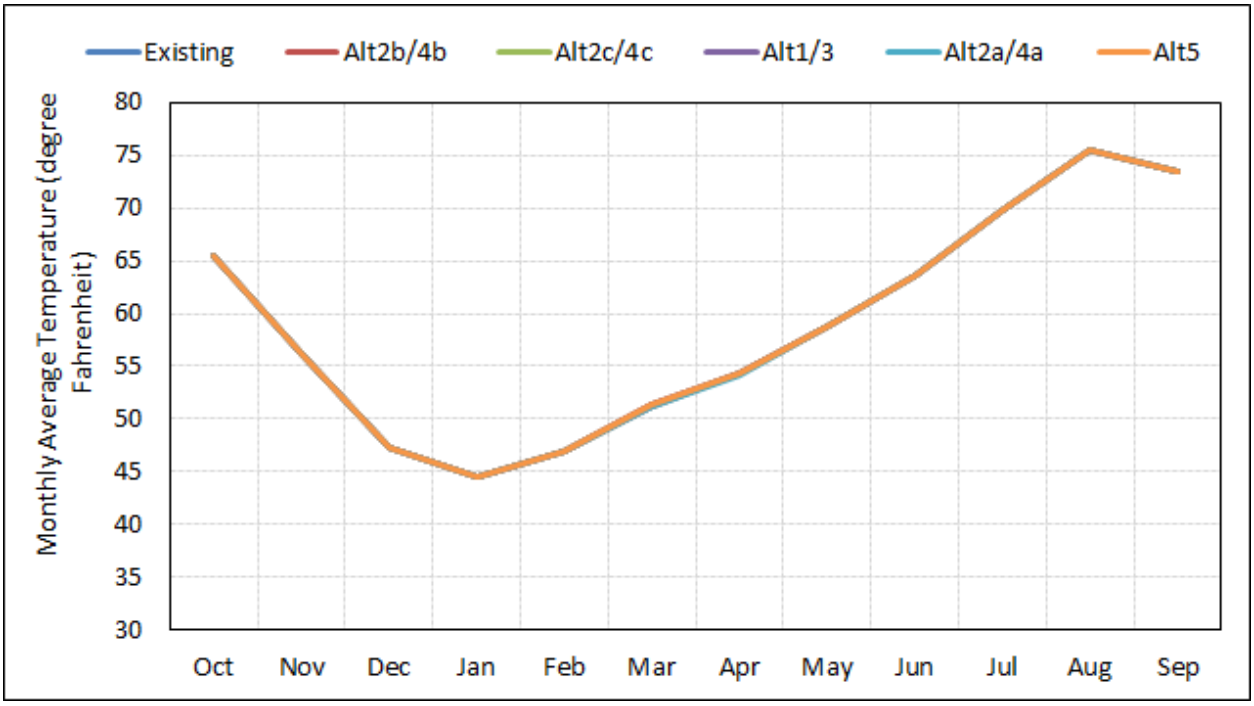


Figure 5A-D1.28.5. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

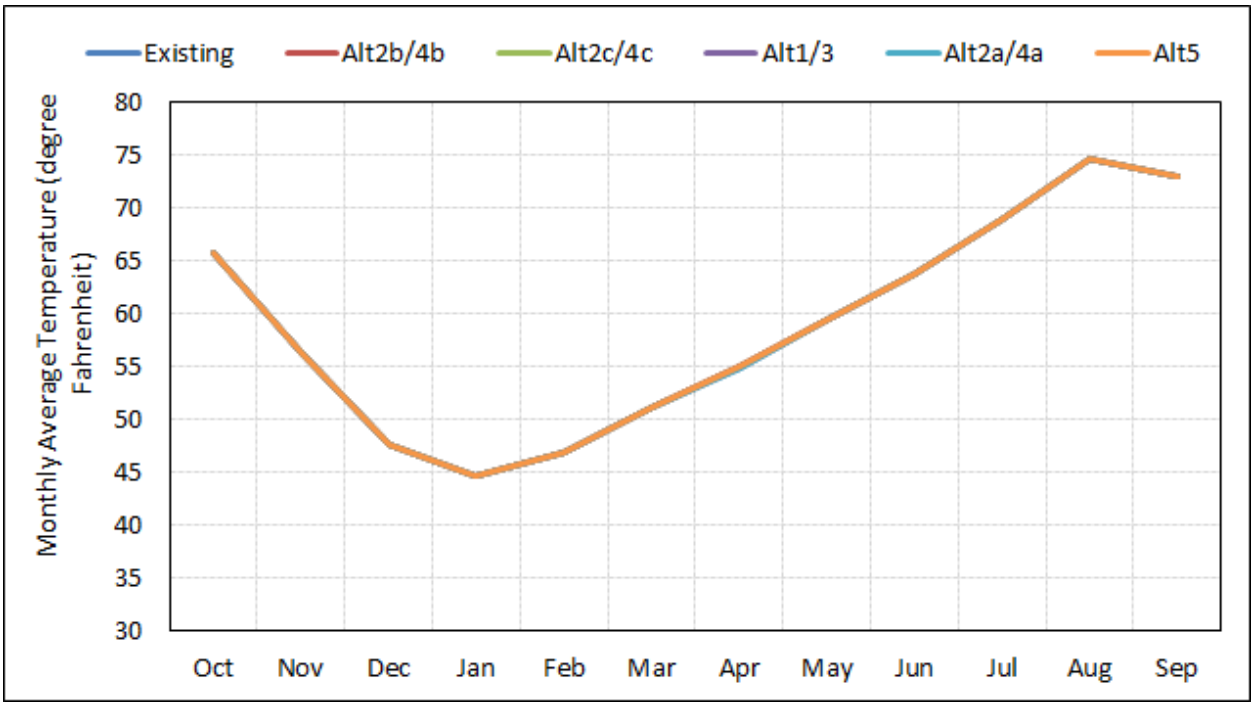


Figure 5A-D1.28.6. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

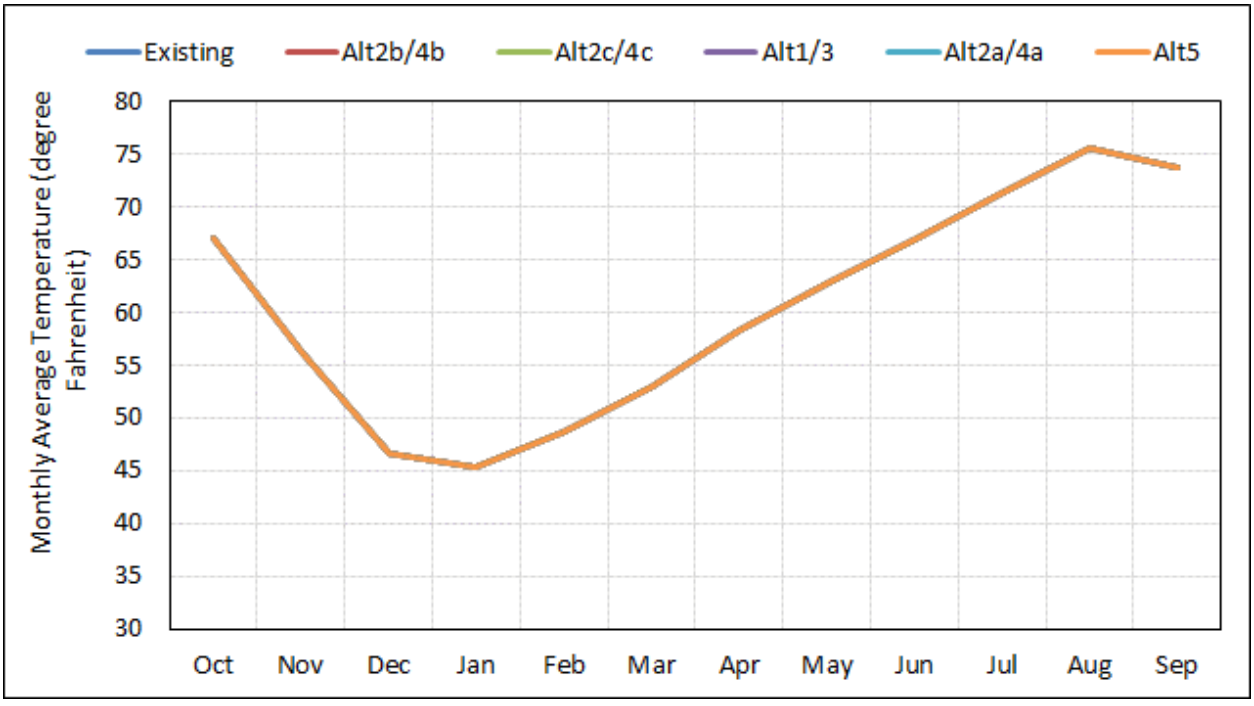


Figure 5A-D1.28.7. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

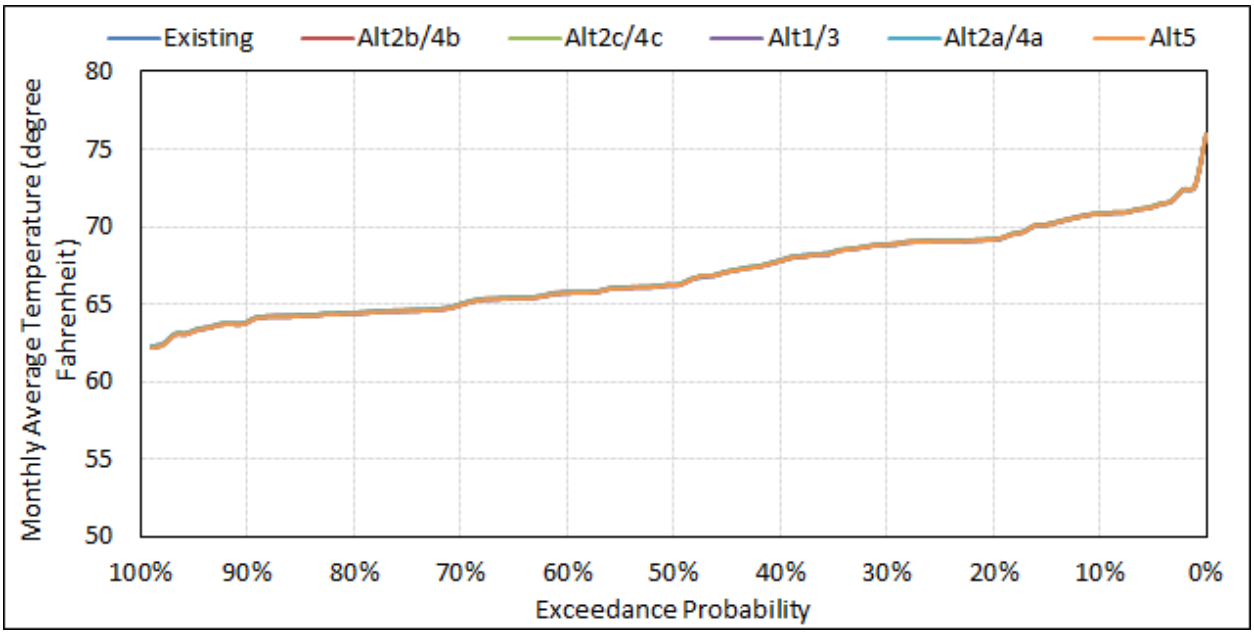


Figure 5A-D1.28.8. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

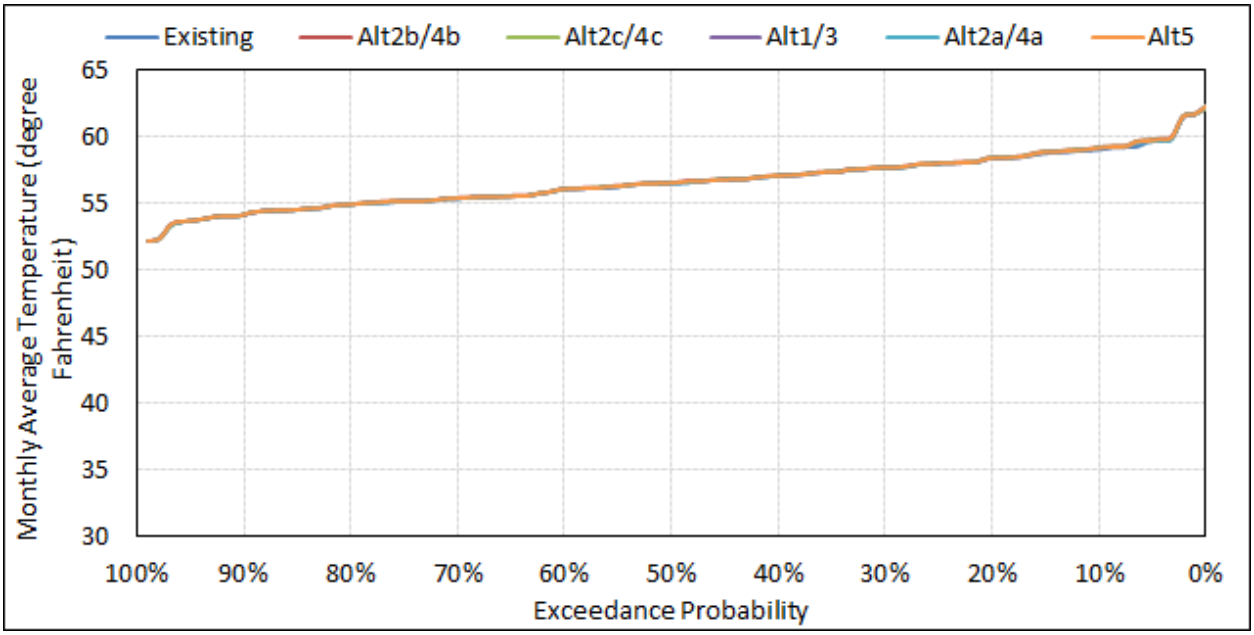


Figure 5A-D1.28.9. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

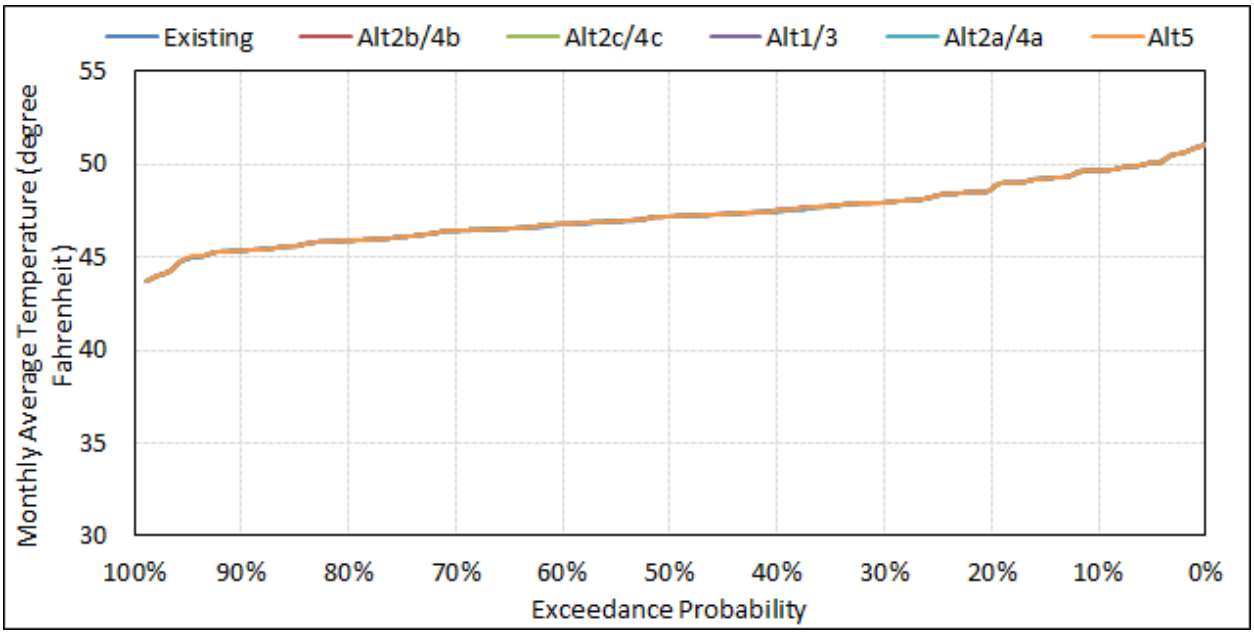


Figure 5A-D1.28.10. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

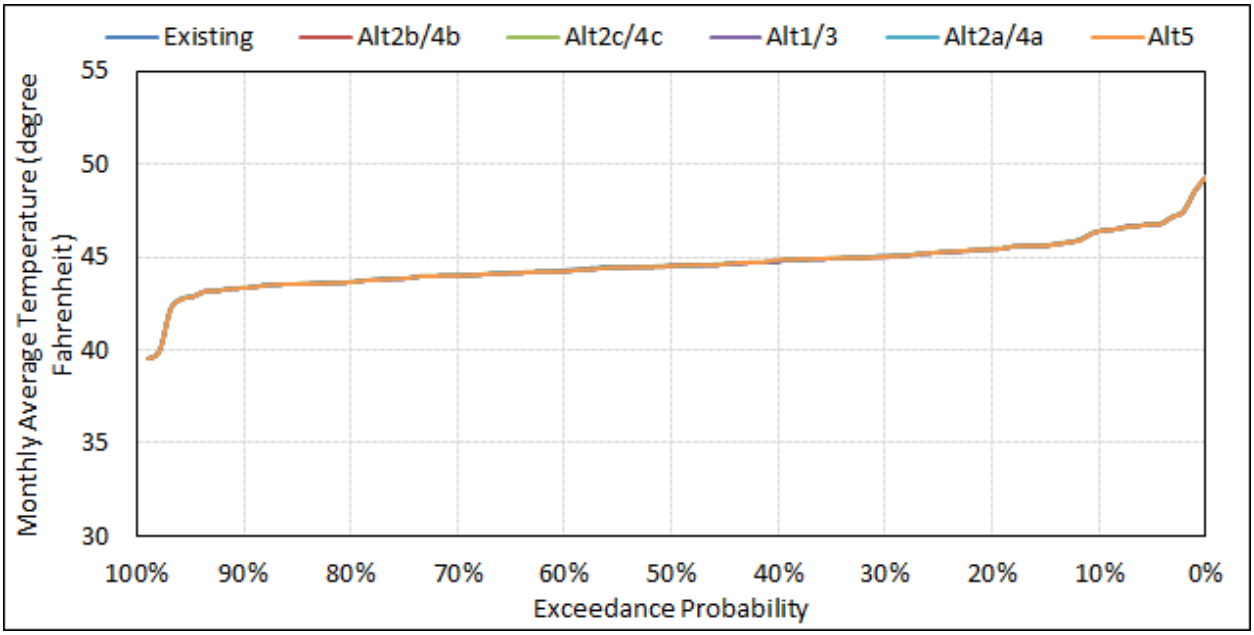


Figure 5A-D1.28.11. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

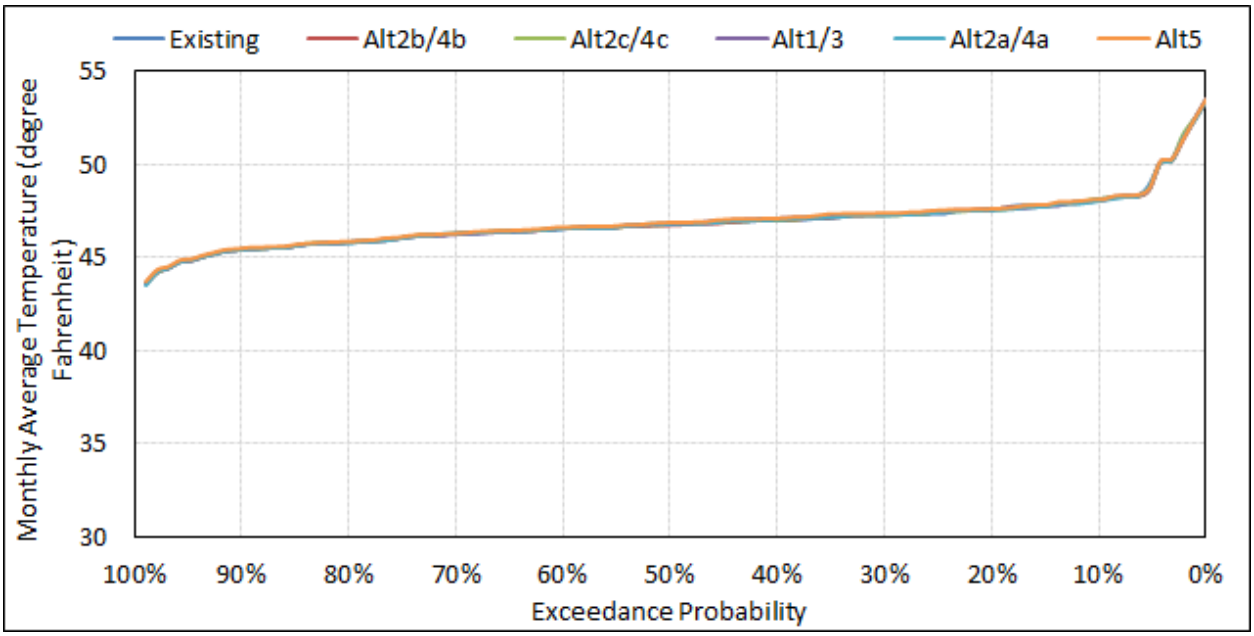


Figure 5A-D1.28.12. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

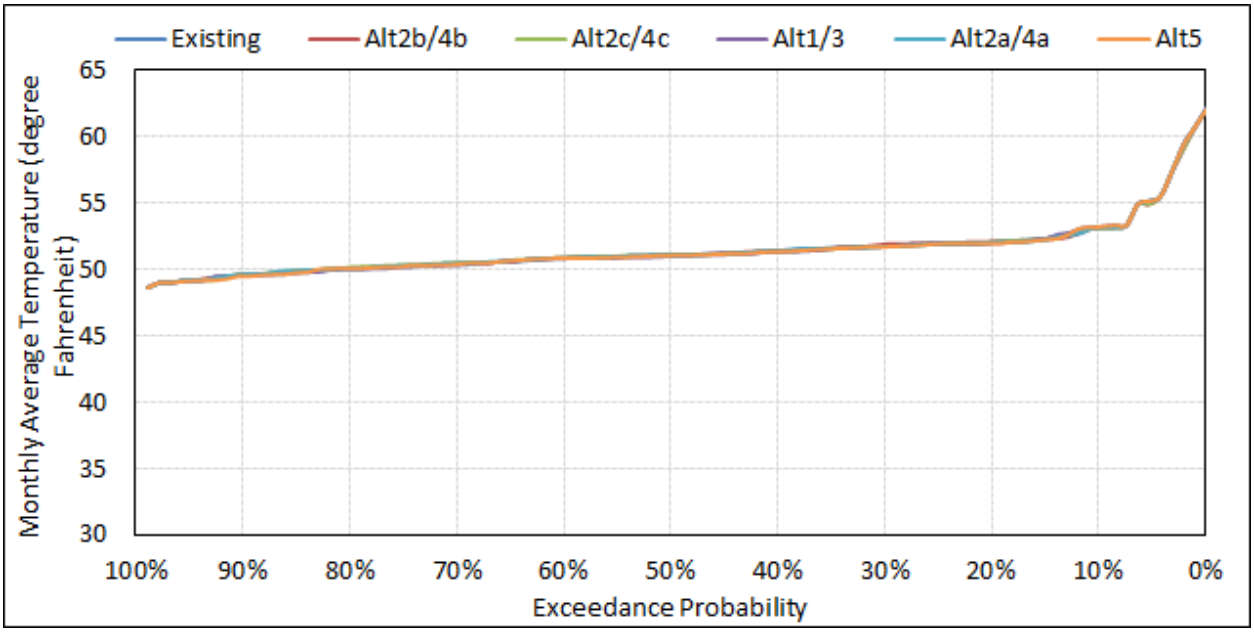


Figure 5A-D1.28.13. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

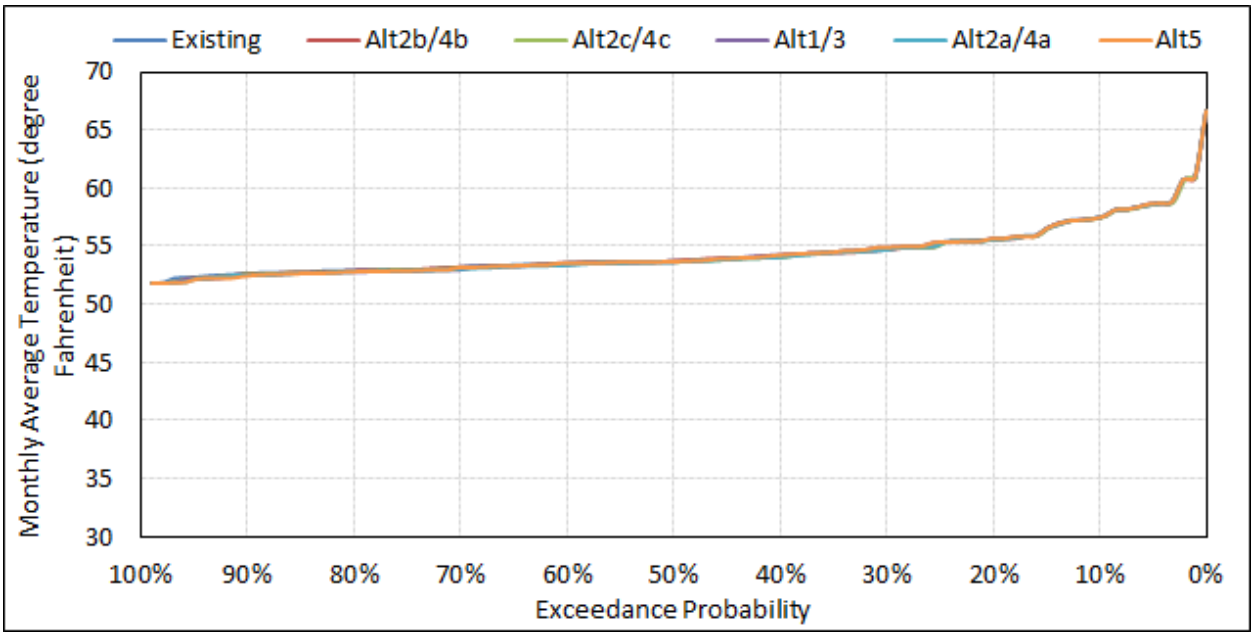


Figure 5A-D1.28.14. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

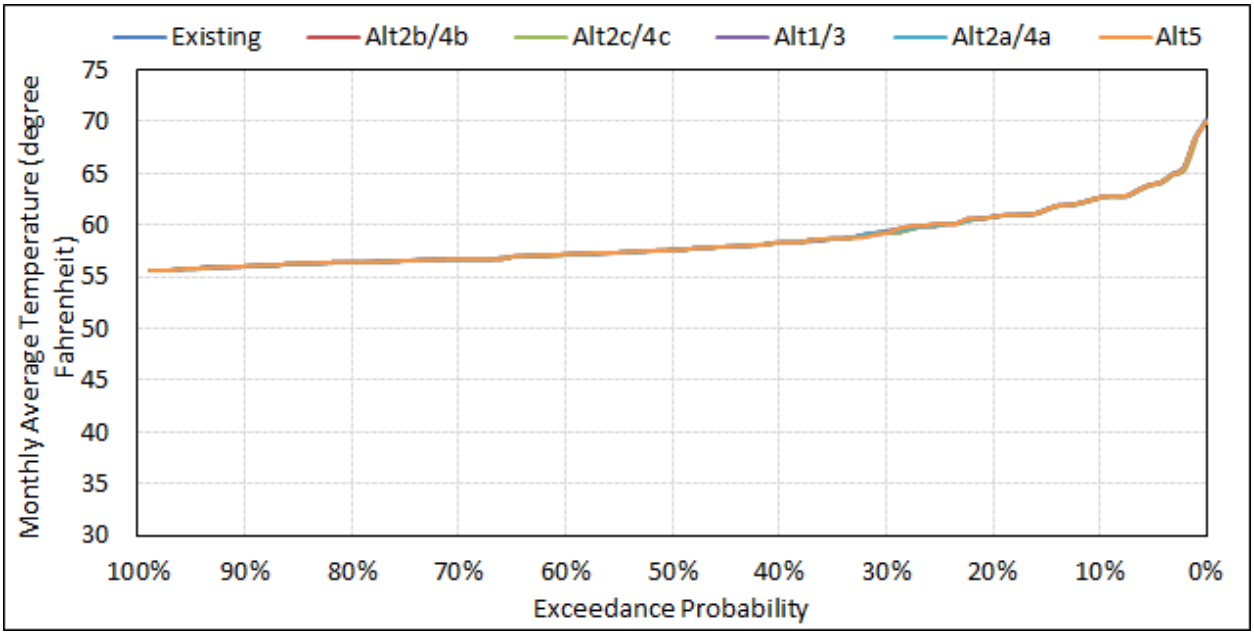


Figure 5A-D1.28.15. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

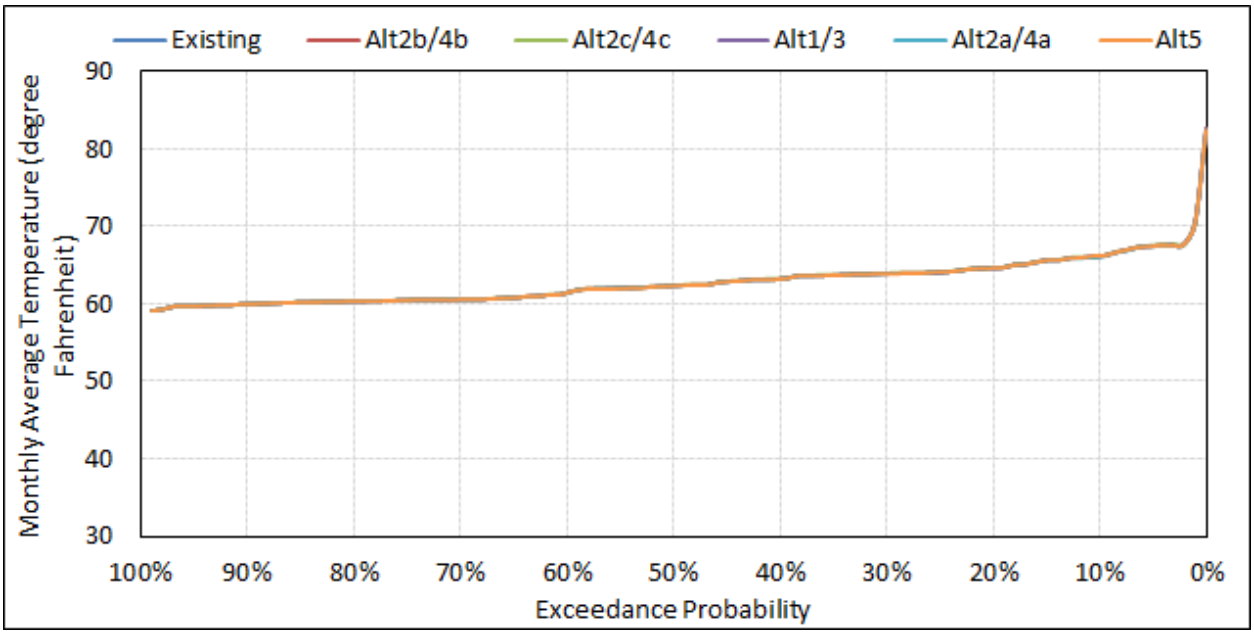


Figure 5A-D1.28.16. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

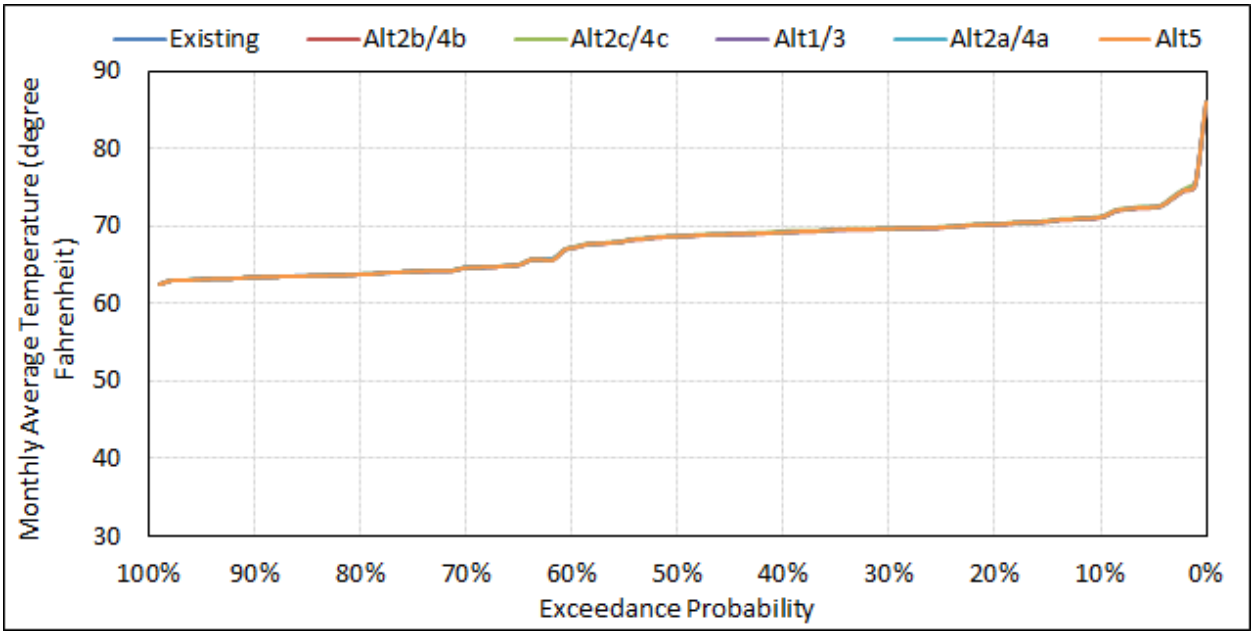


Figure 5A-D1.28.17. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

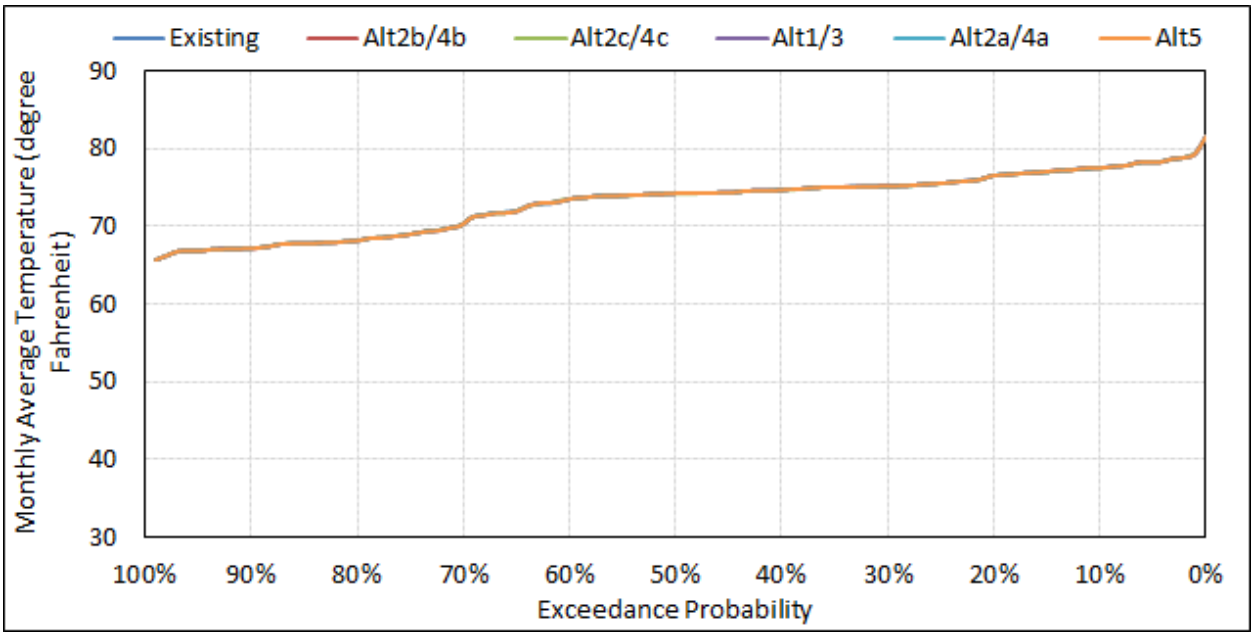


Figure 5A-D1.28.18. Stony Creek Below Black Butte, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

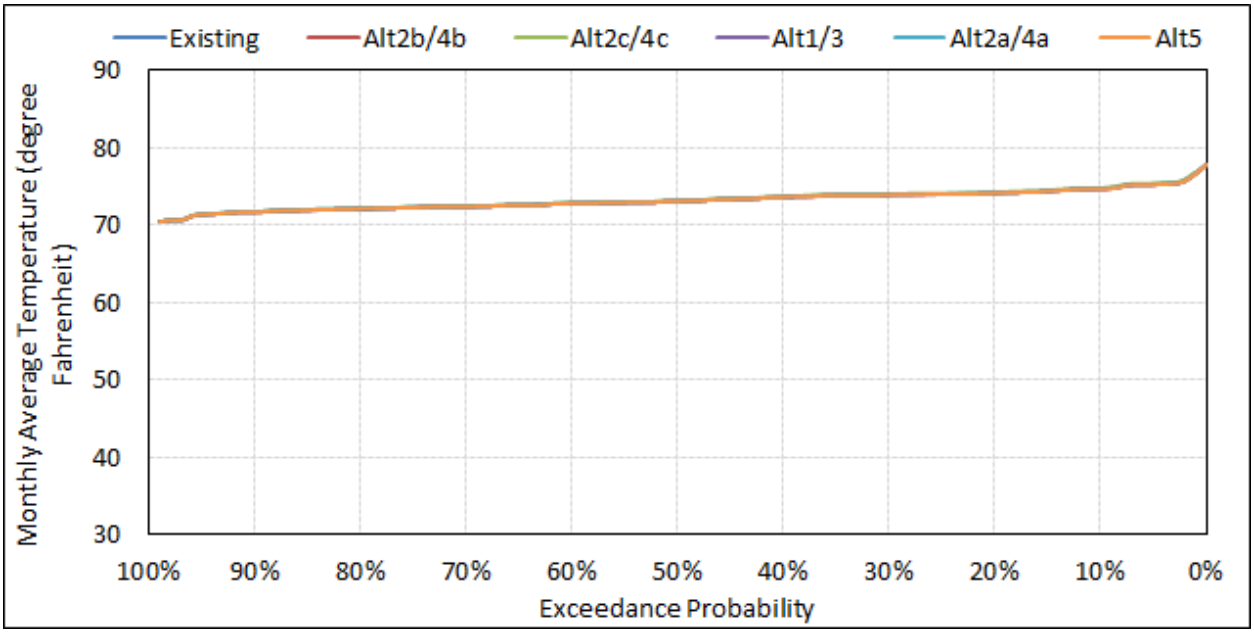
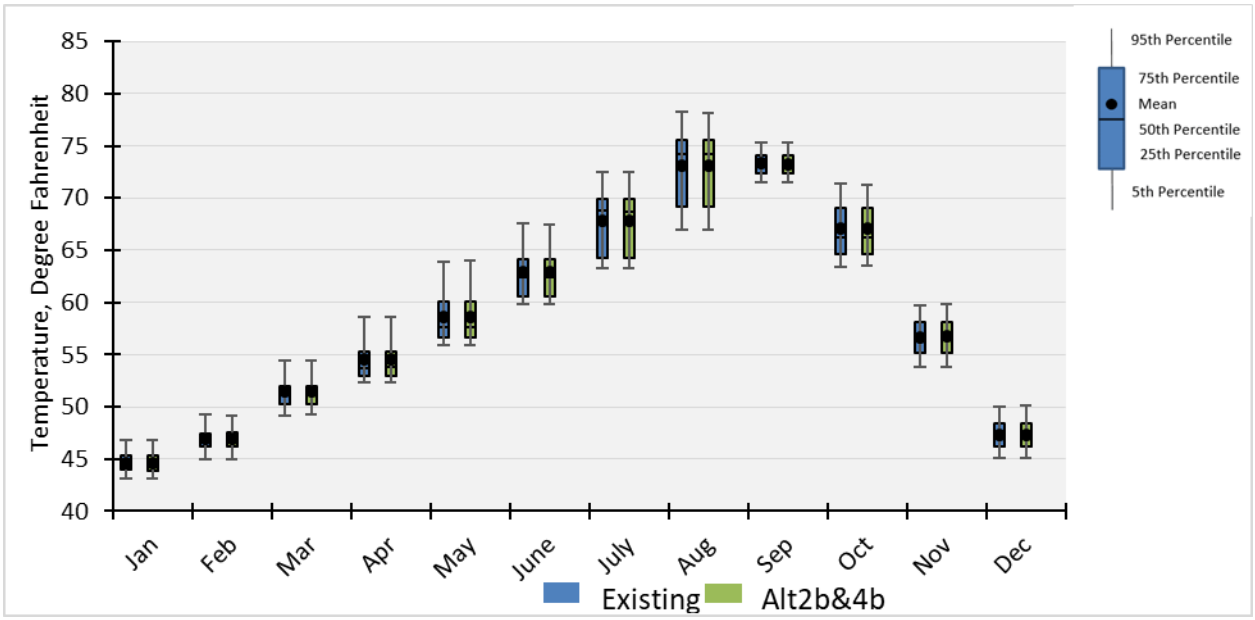


Figure 5A-D1.28.19. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



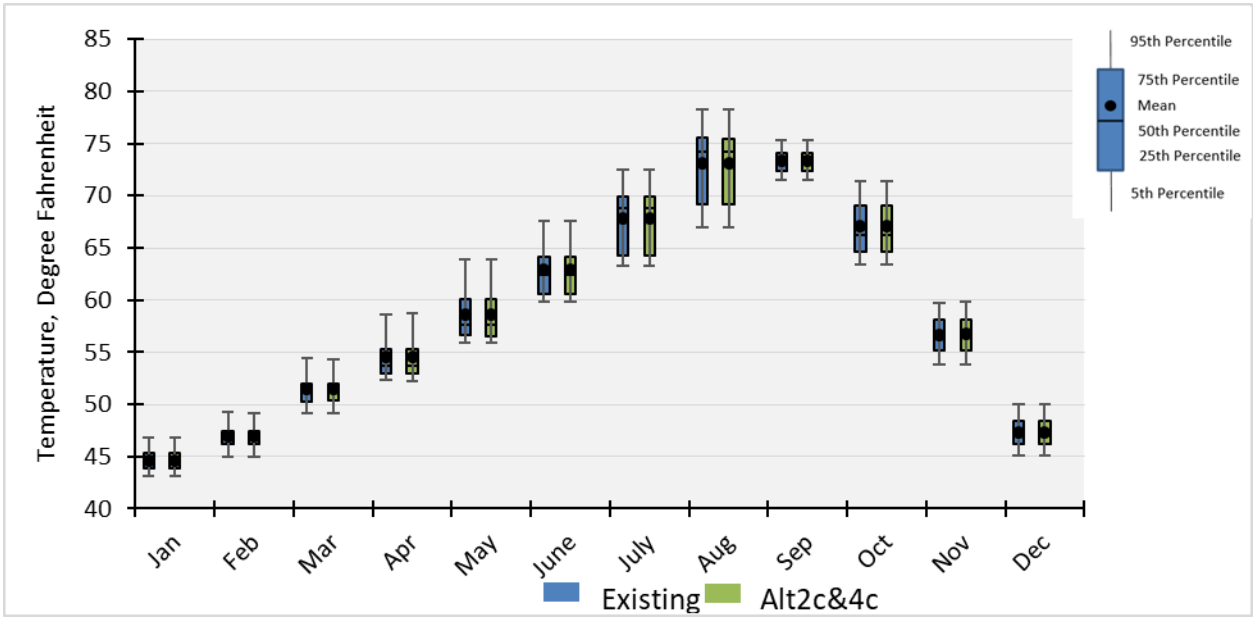
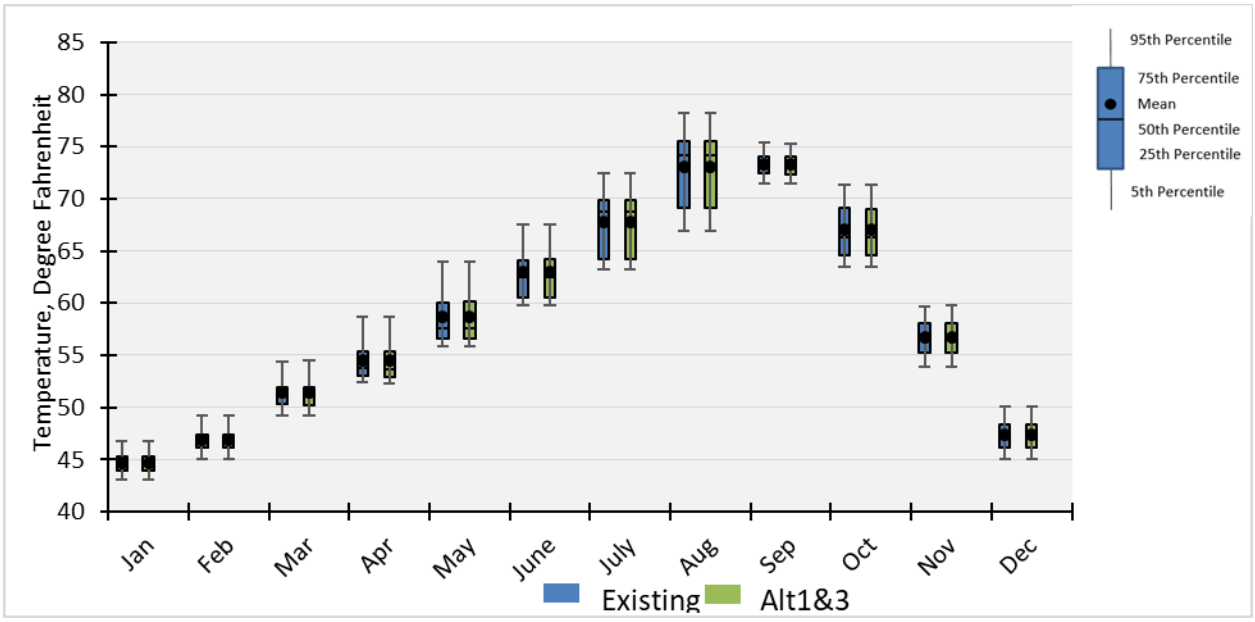


Figure 5A-D1.28.20. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



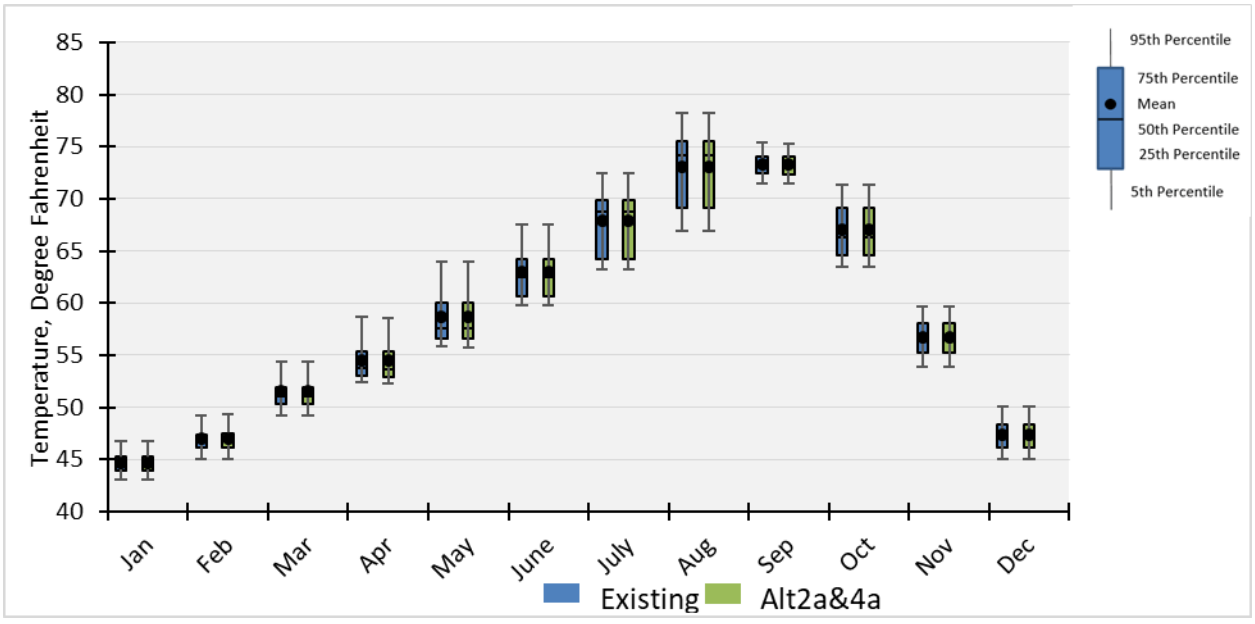


Figure 5A-D1.28.21. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

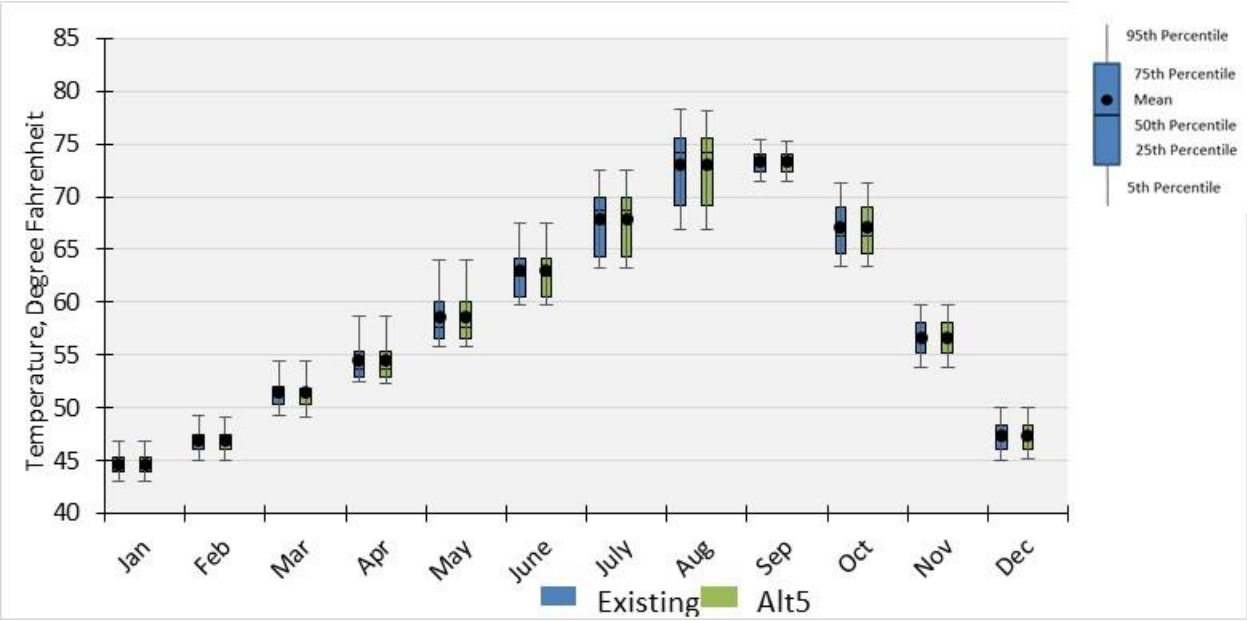
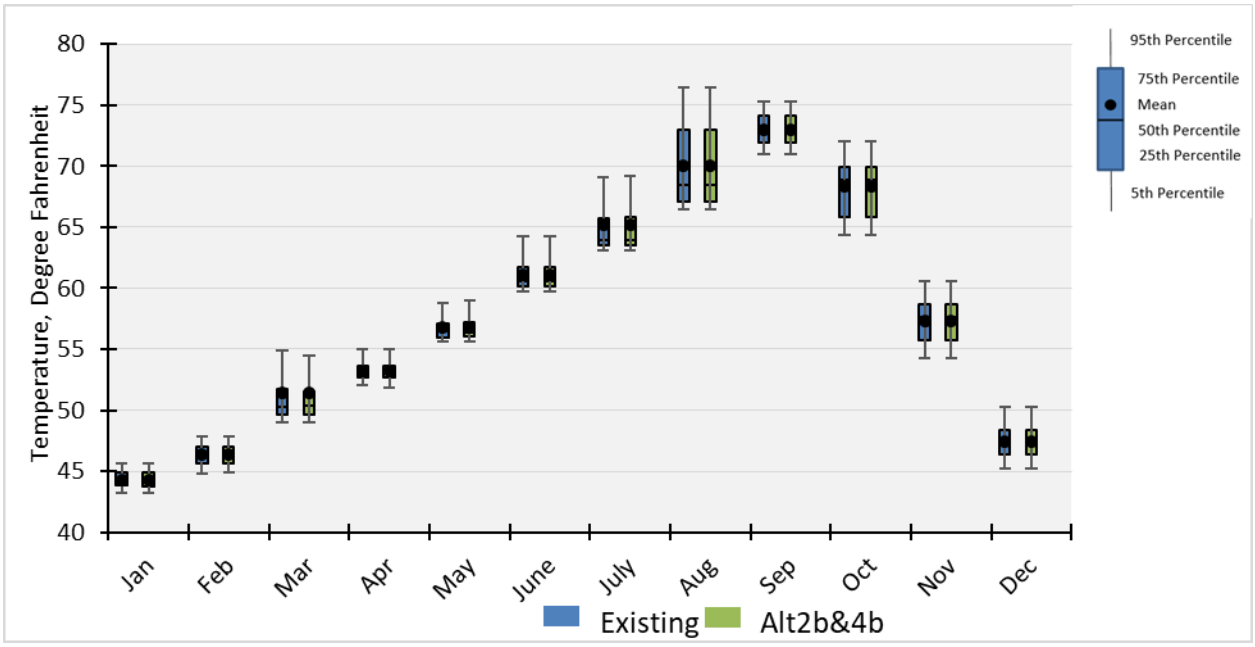


Figure 5A-D1.28.22. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



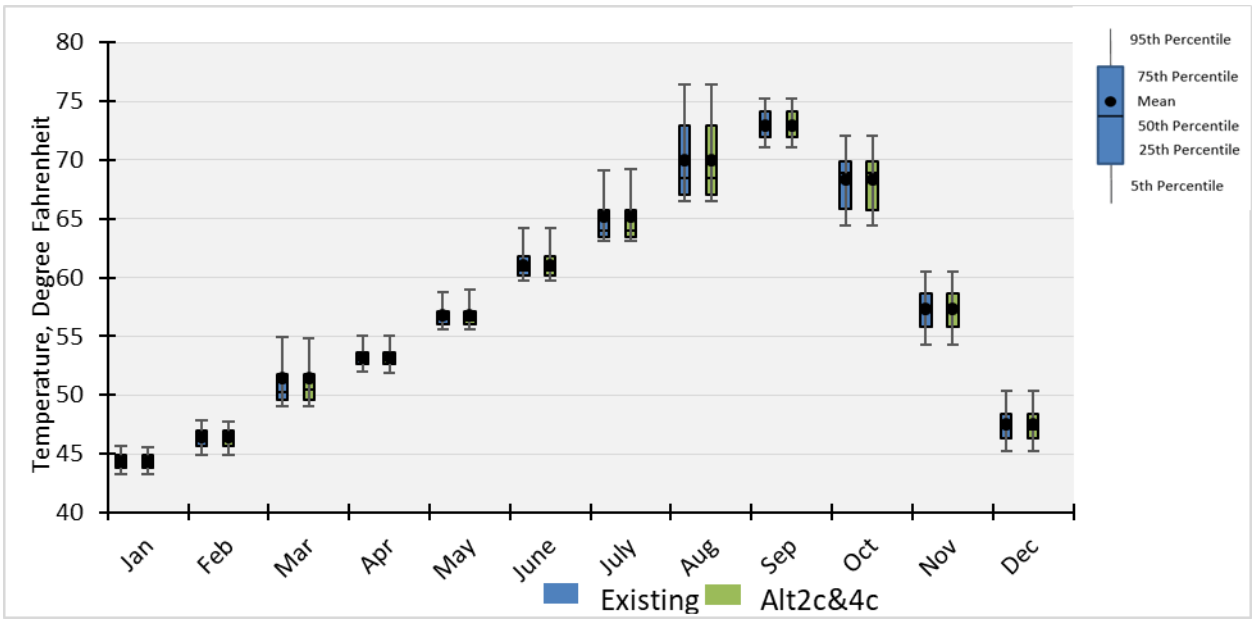
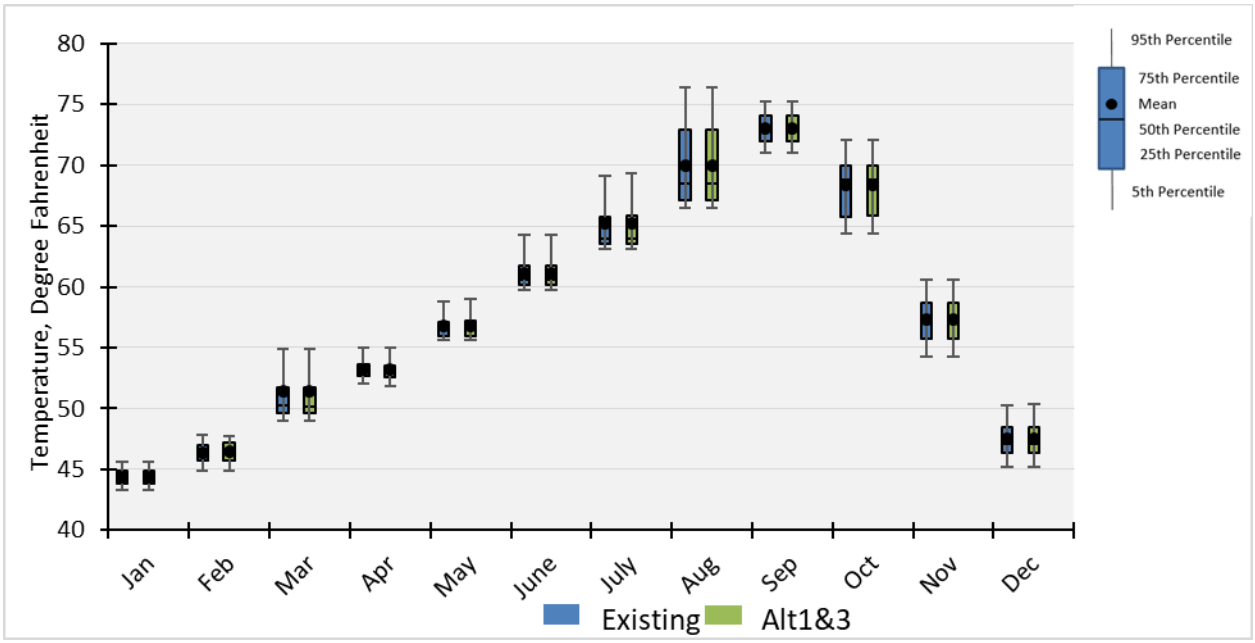


Figure 5A-D1.28.23. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



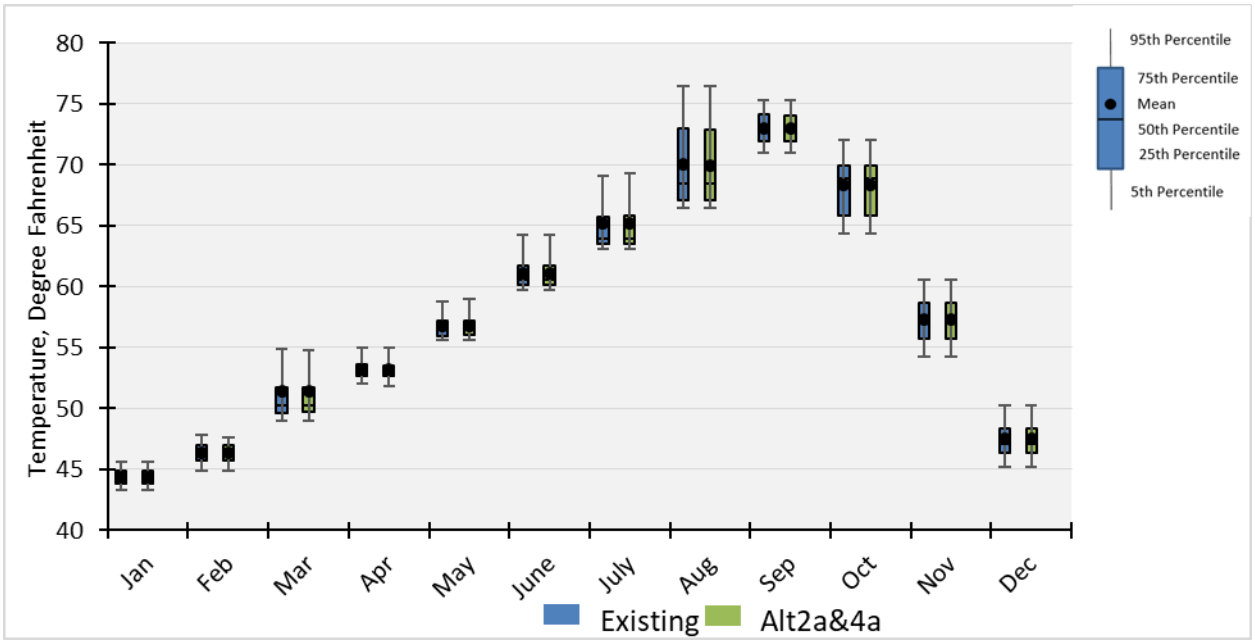


Figure 5A-D1.28.24. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

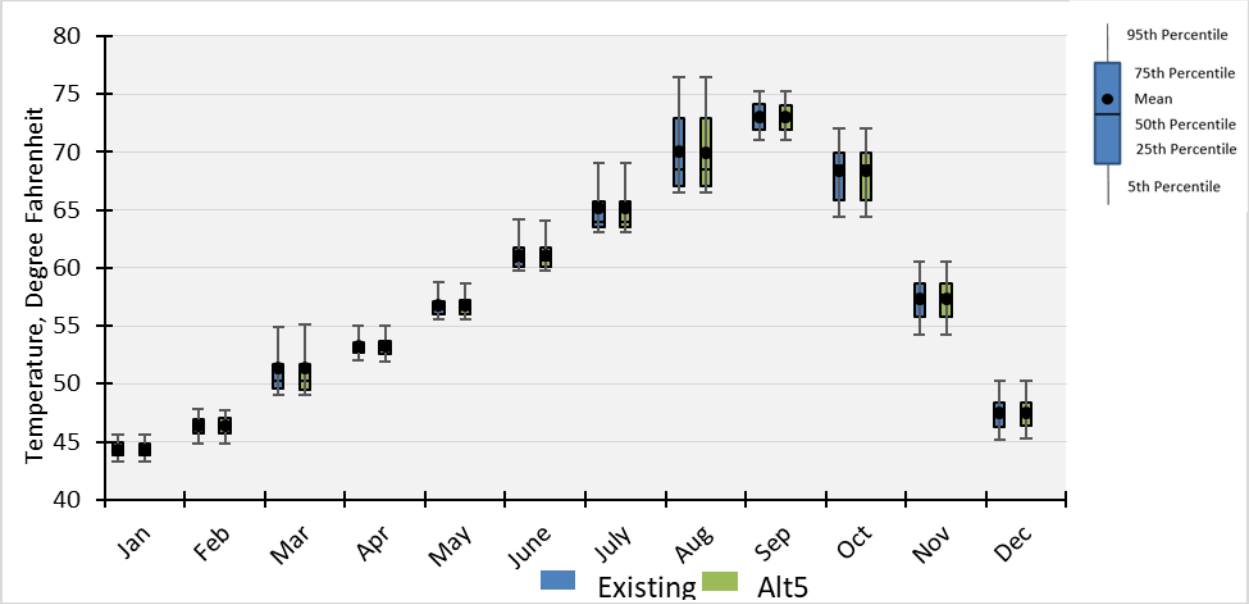
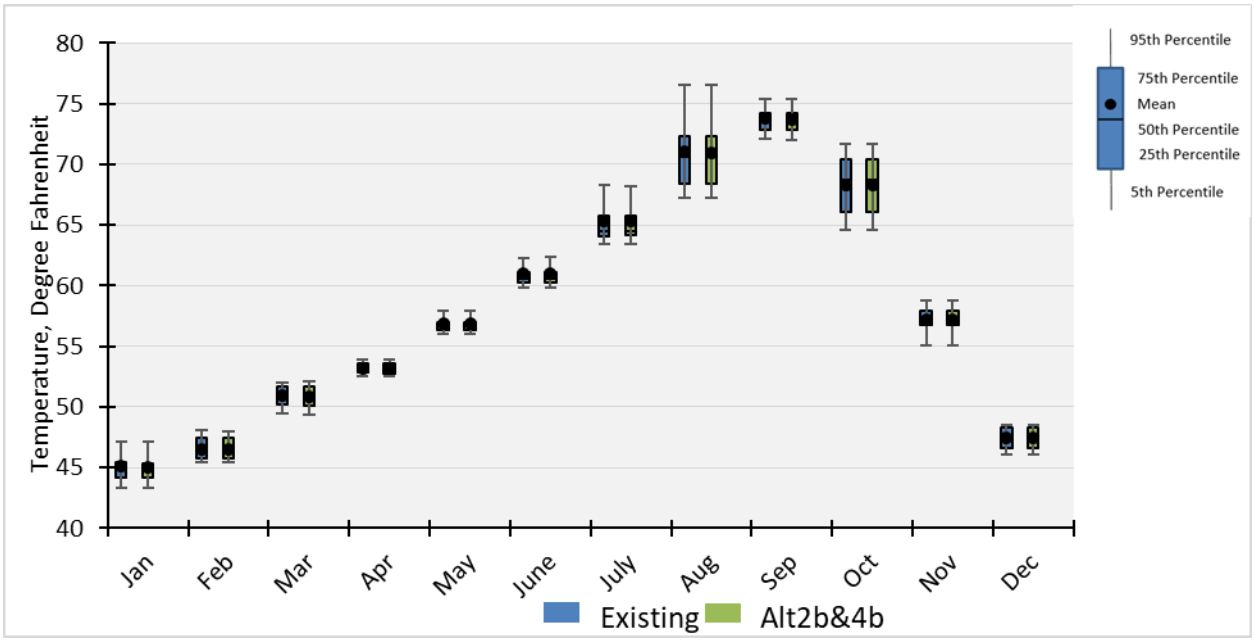


Figure 5A-D1.28.25. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



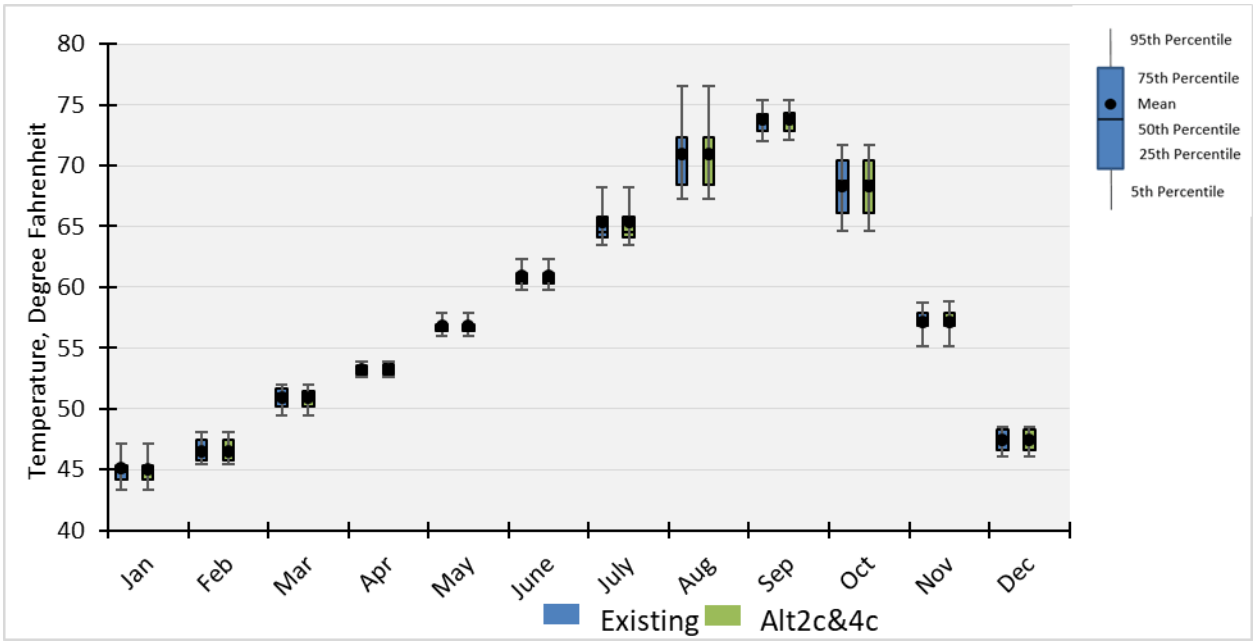
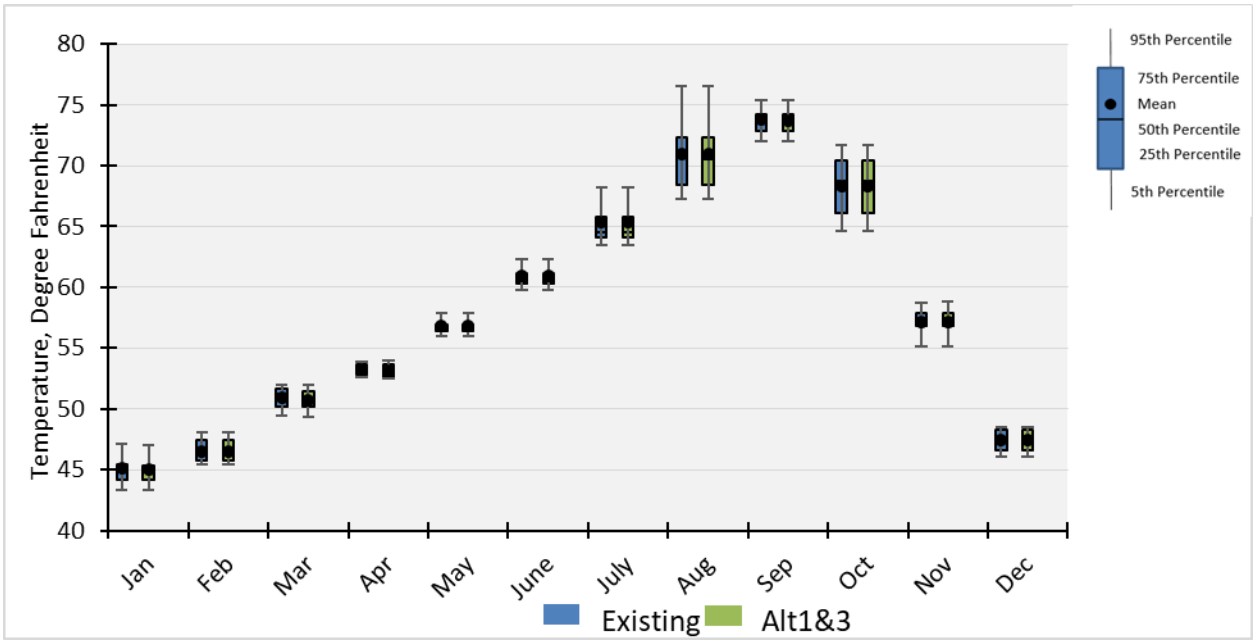


Figure 5A-D1.28.26. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



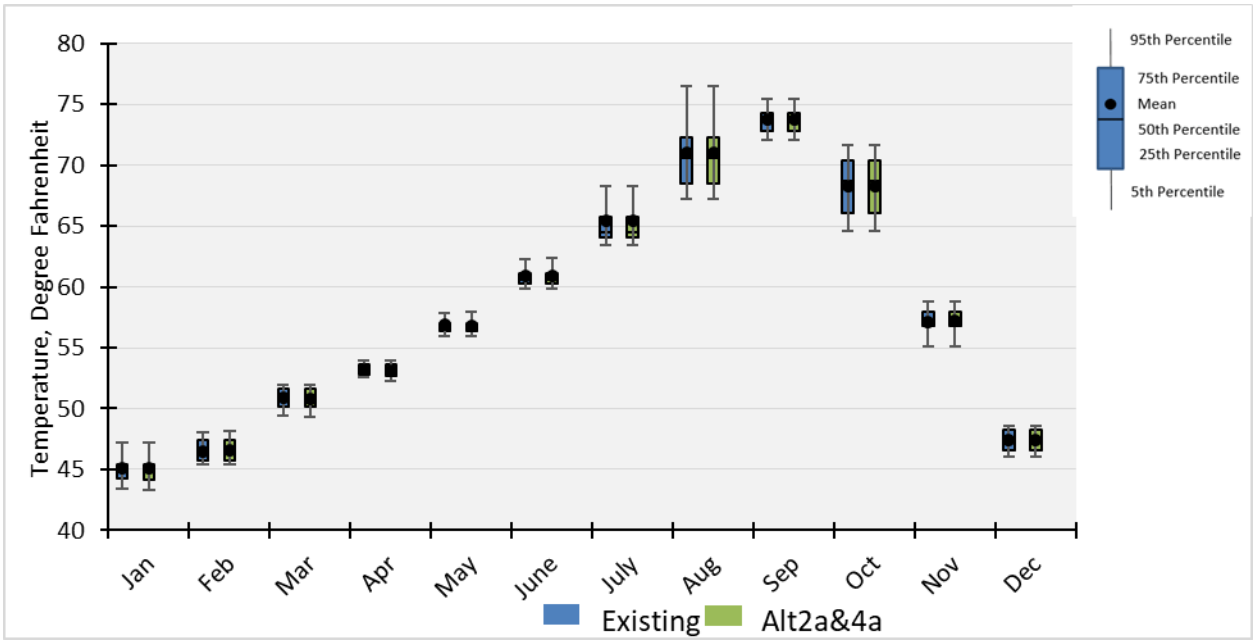


Figure 5A-D1.28.27. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

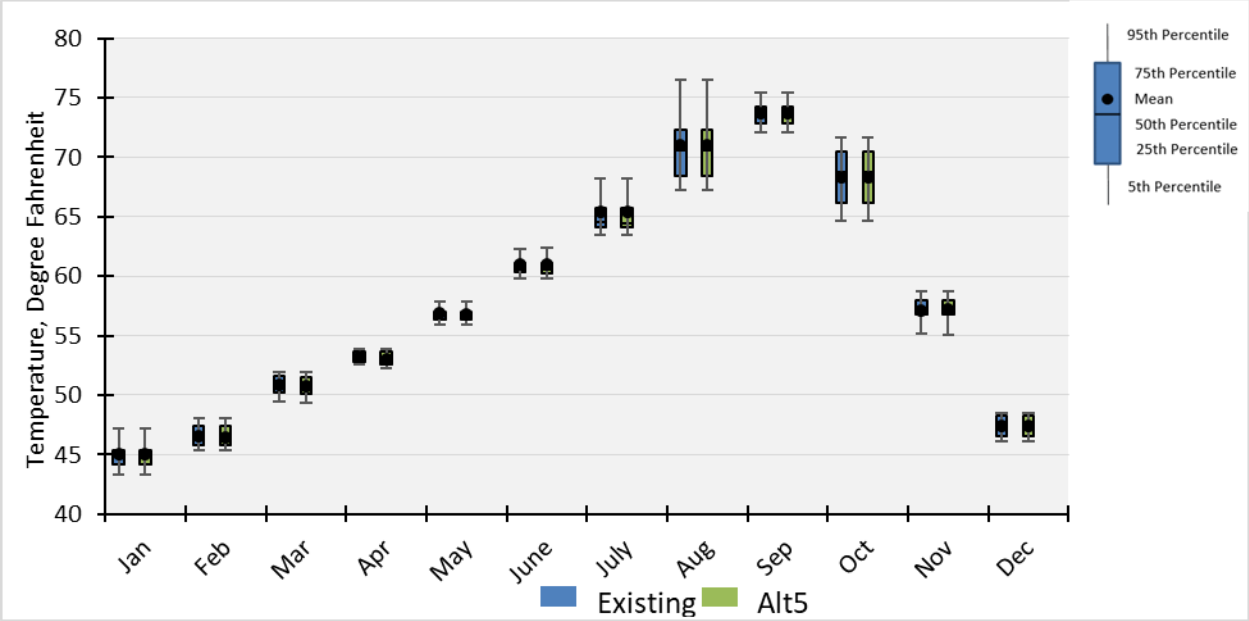
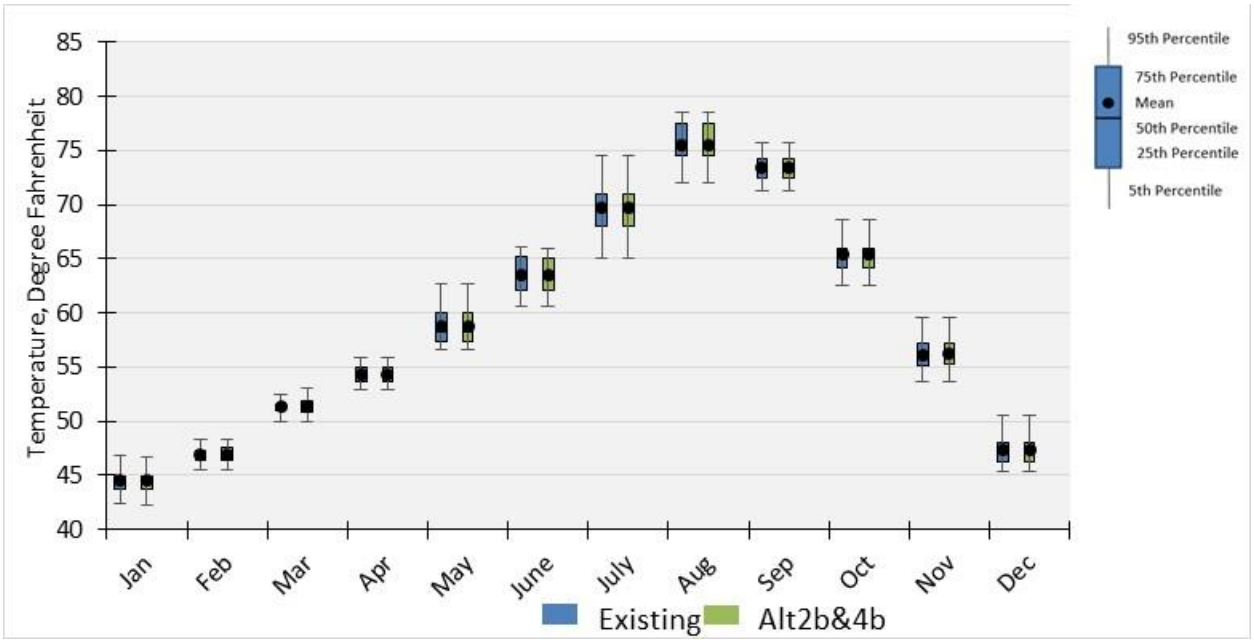


Figure 5A-D1.28.28. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



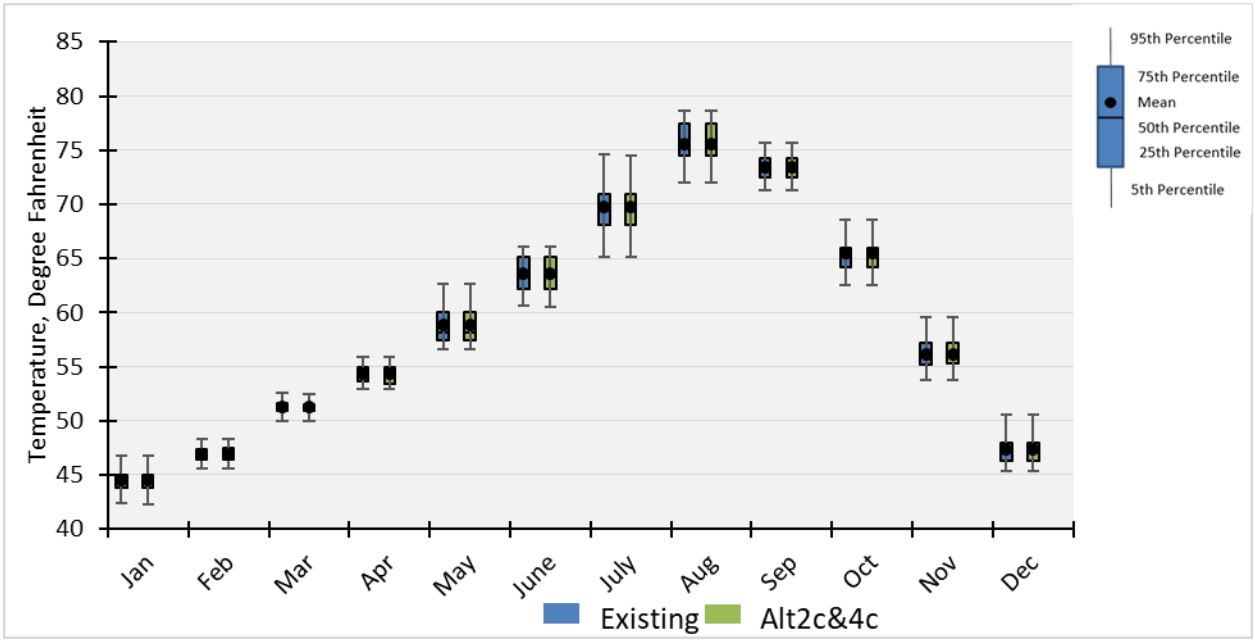
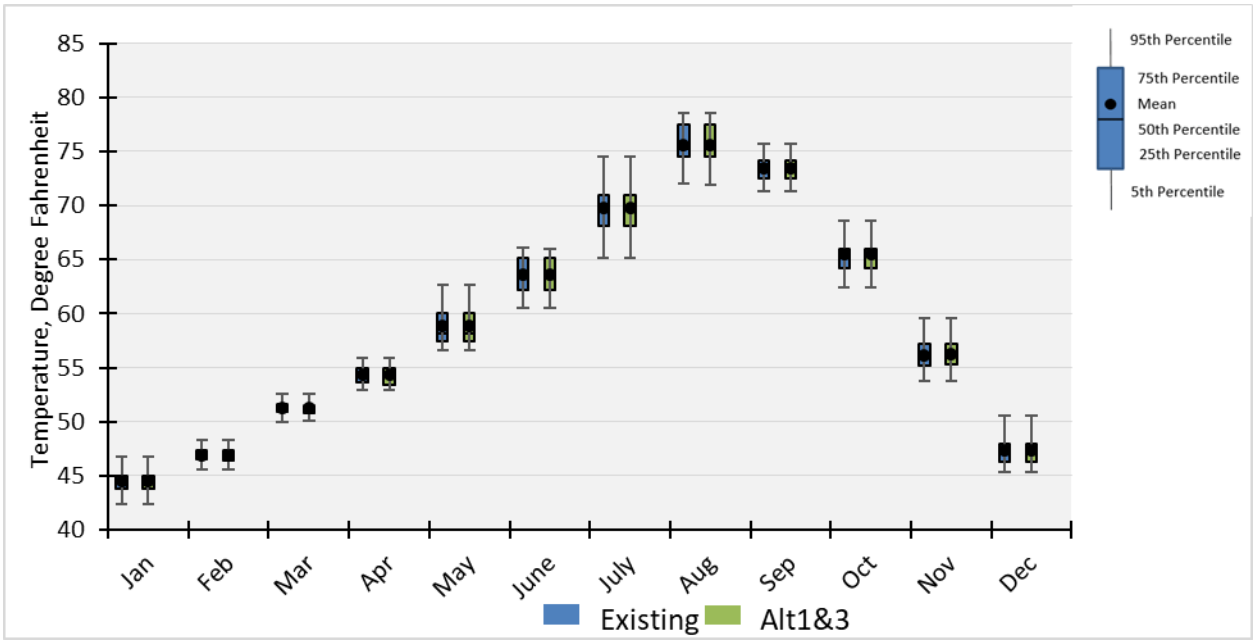


Figure 5A-D1.28.29. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



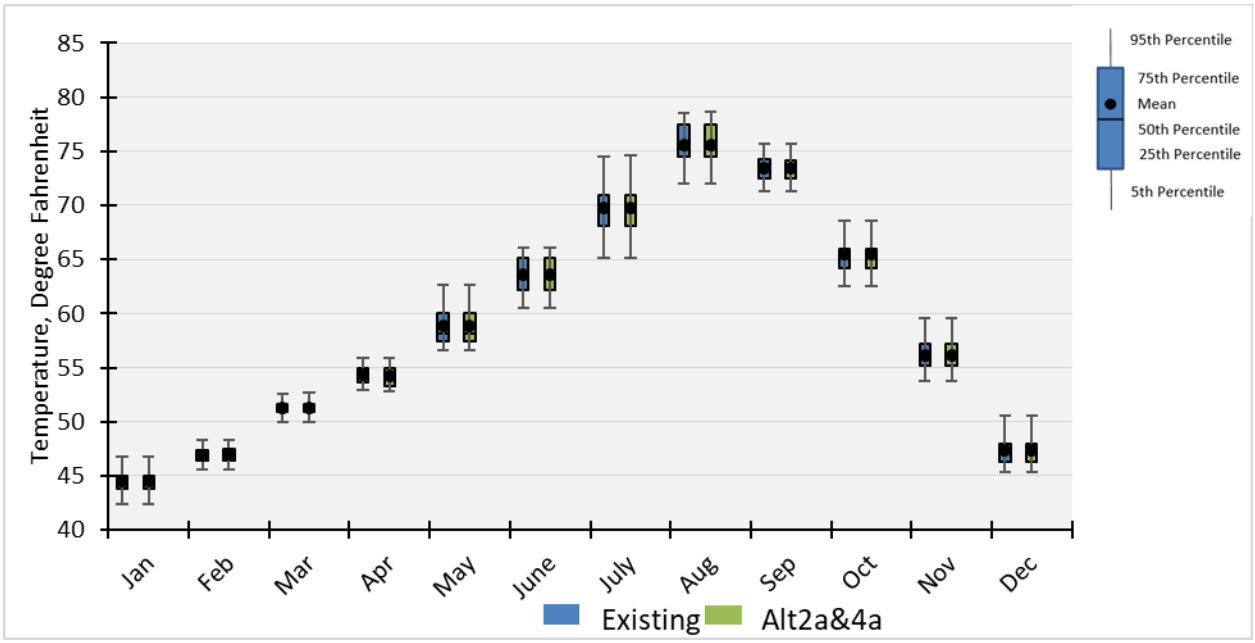


Figure 5A-D1.28.30. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

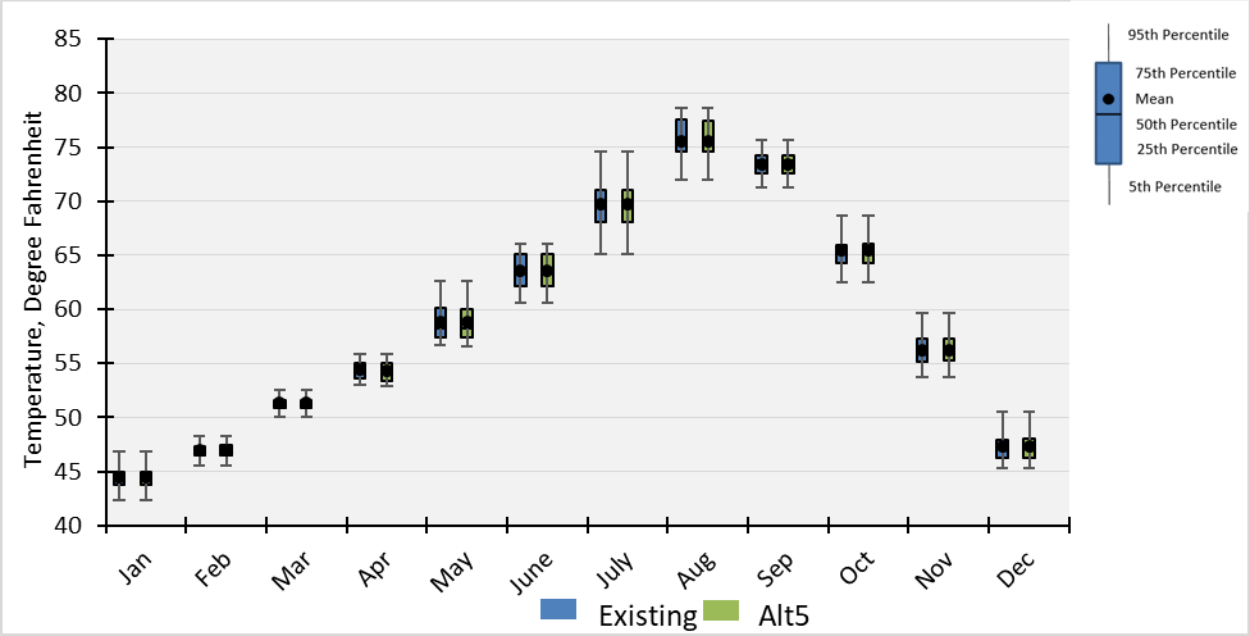
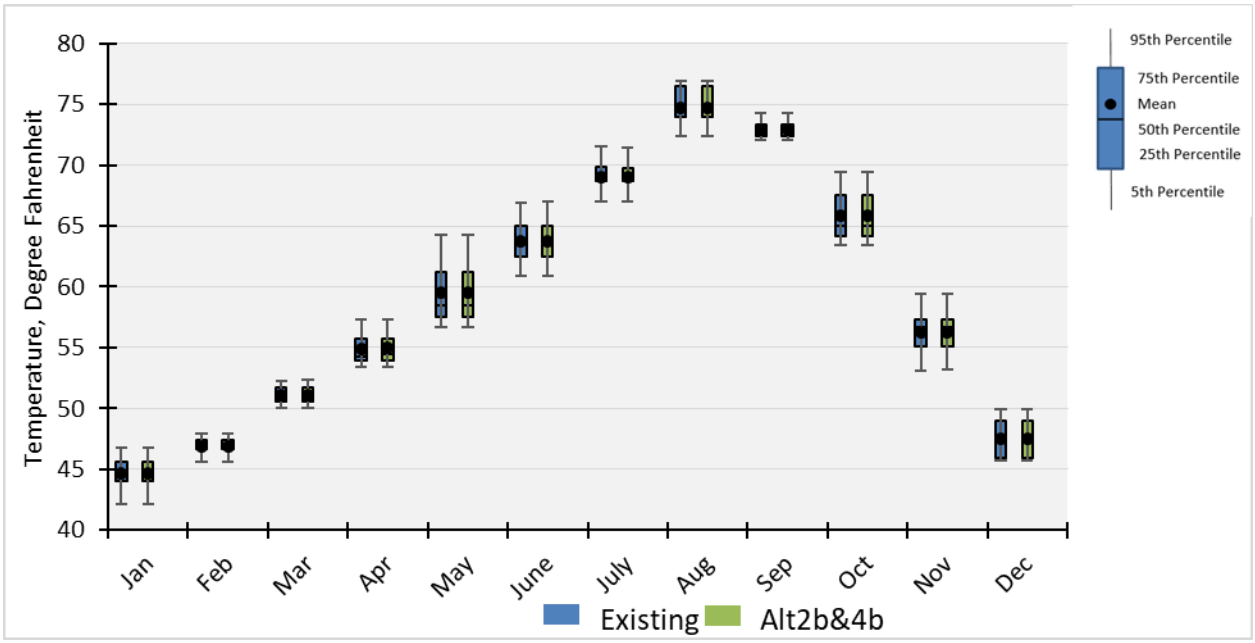


Figure 5A-D1.28.31. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



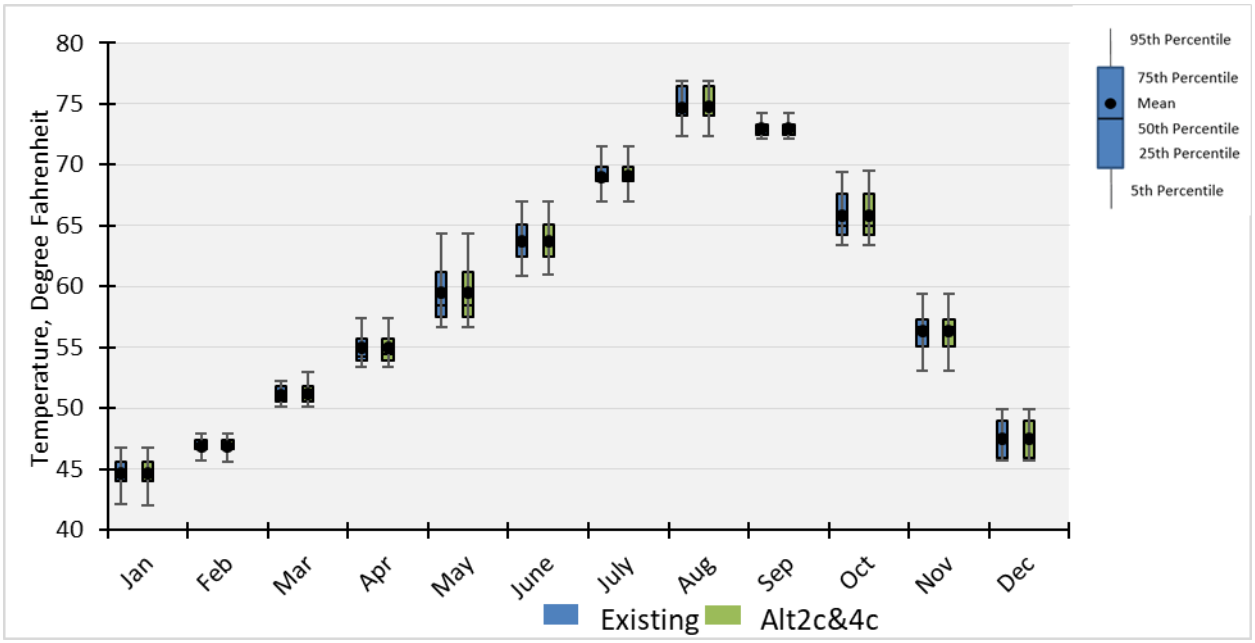
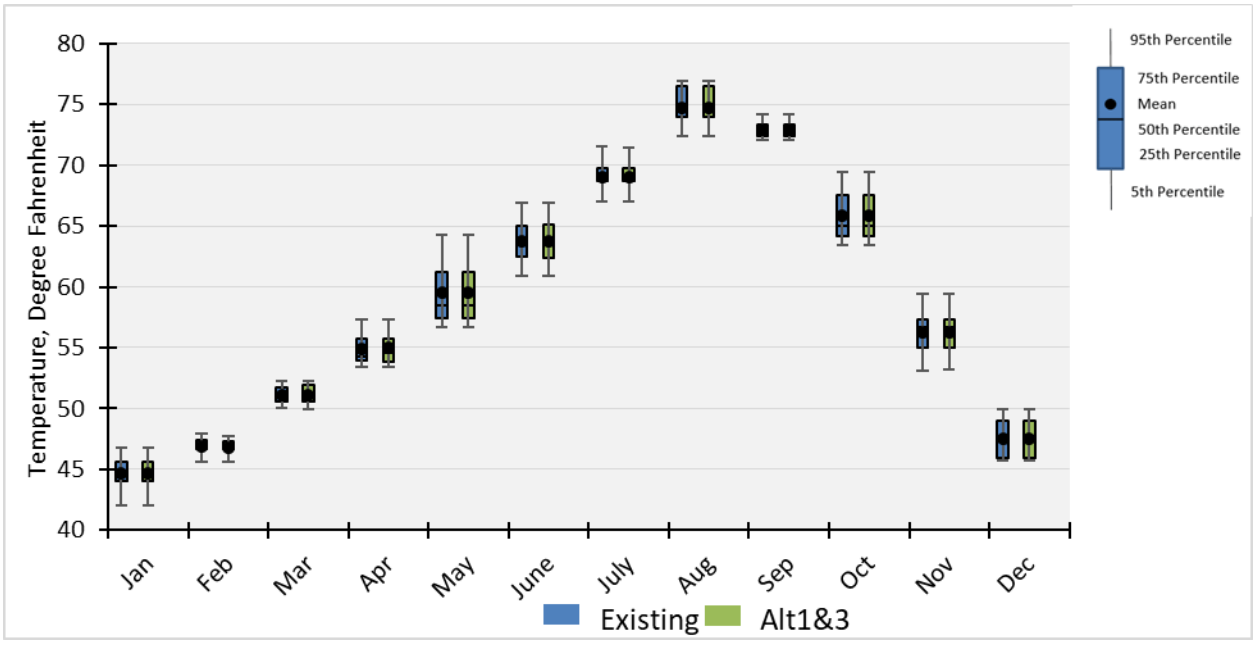


Figure 5A-D1.28.32. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



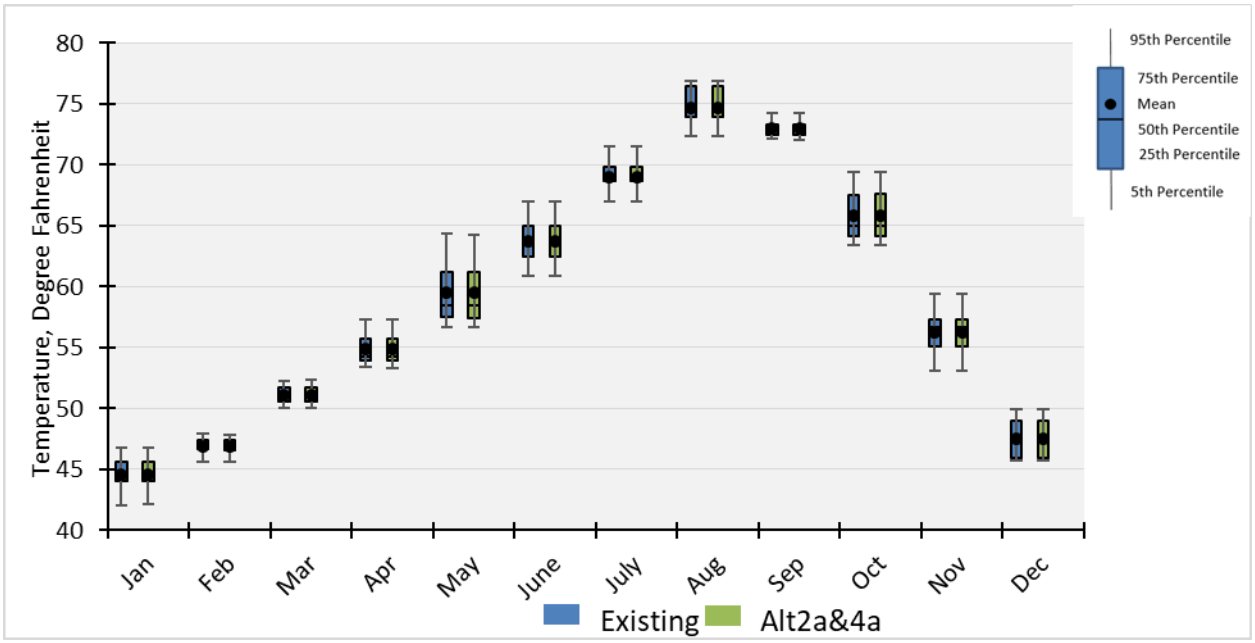


Figure 5A-D1.28.33. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

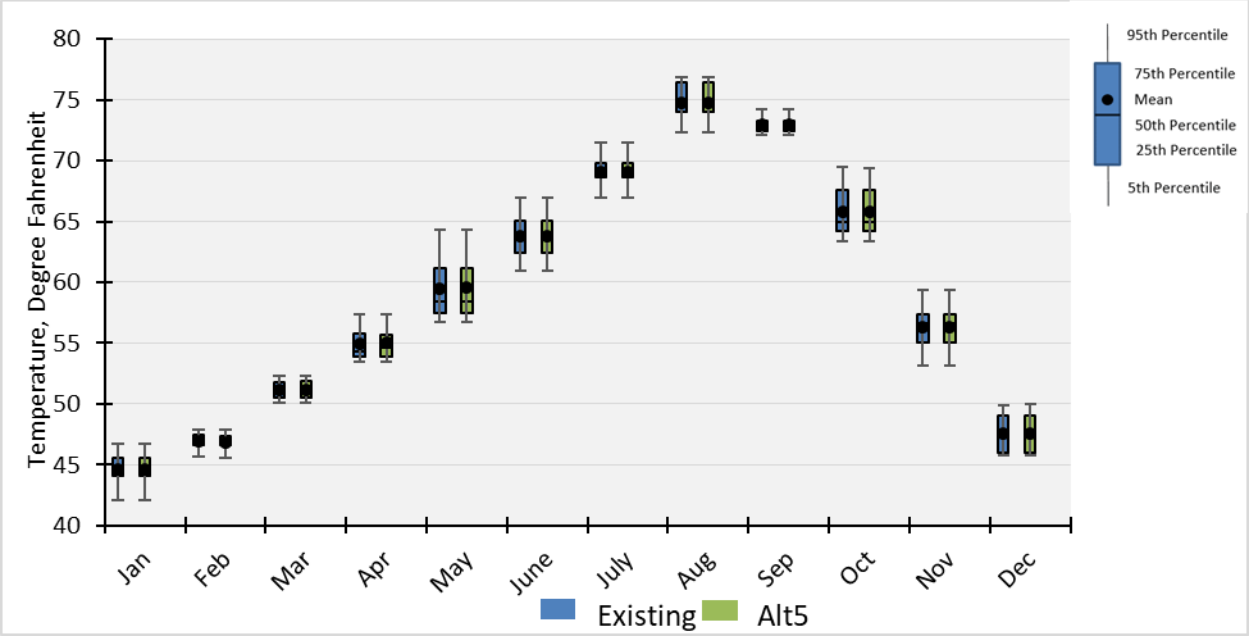
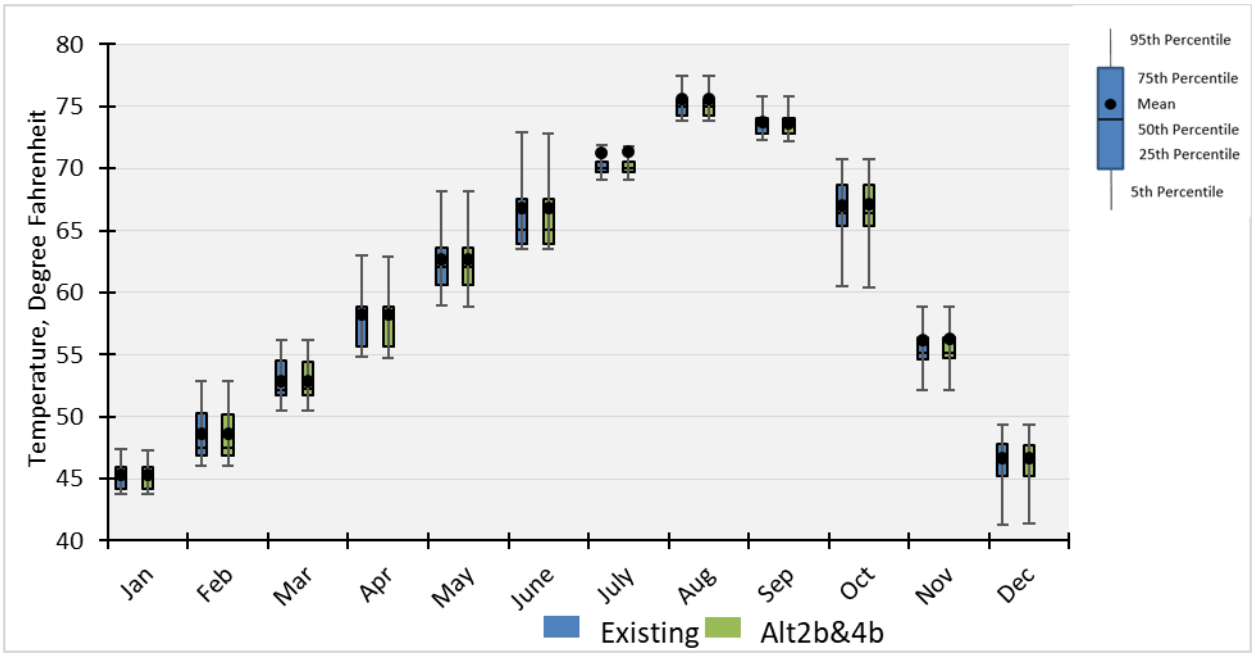


Figure 5A-D1.28.34. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



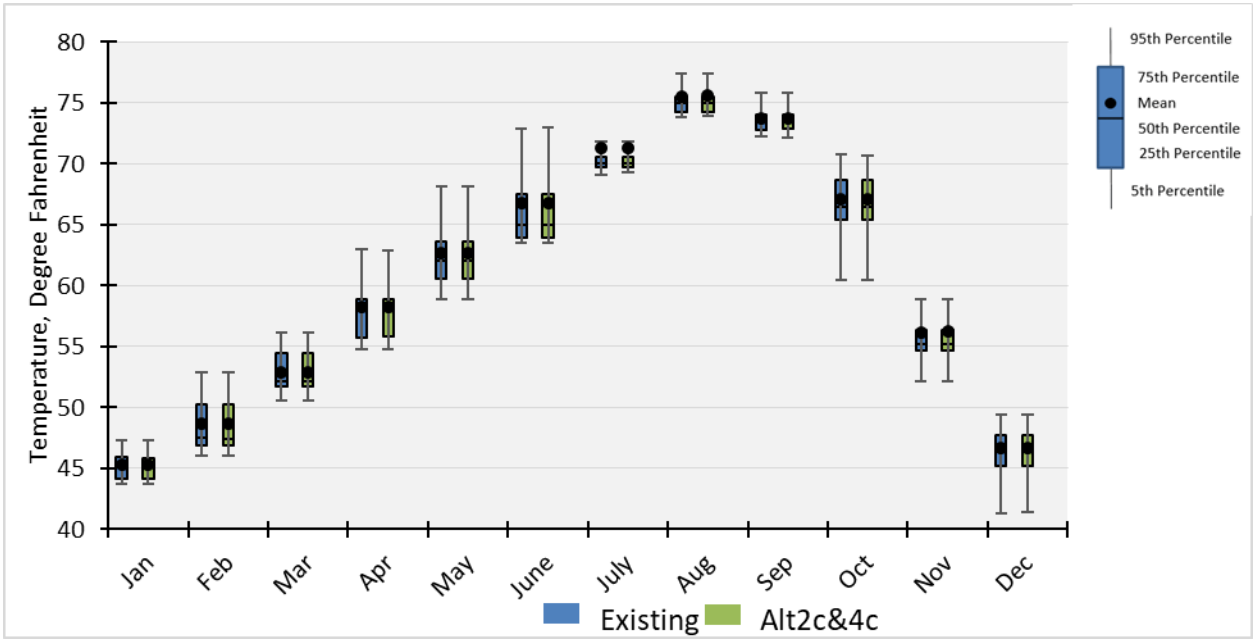
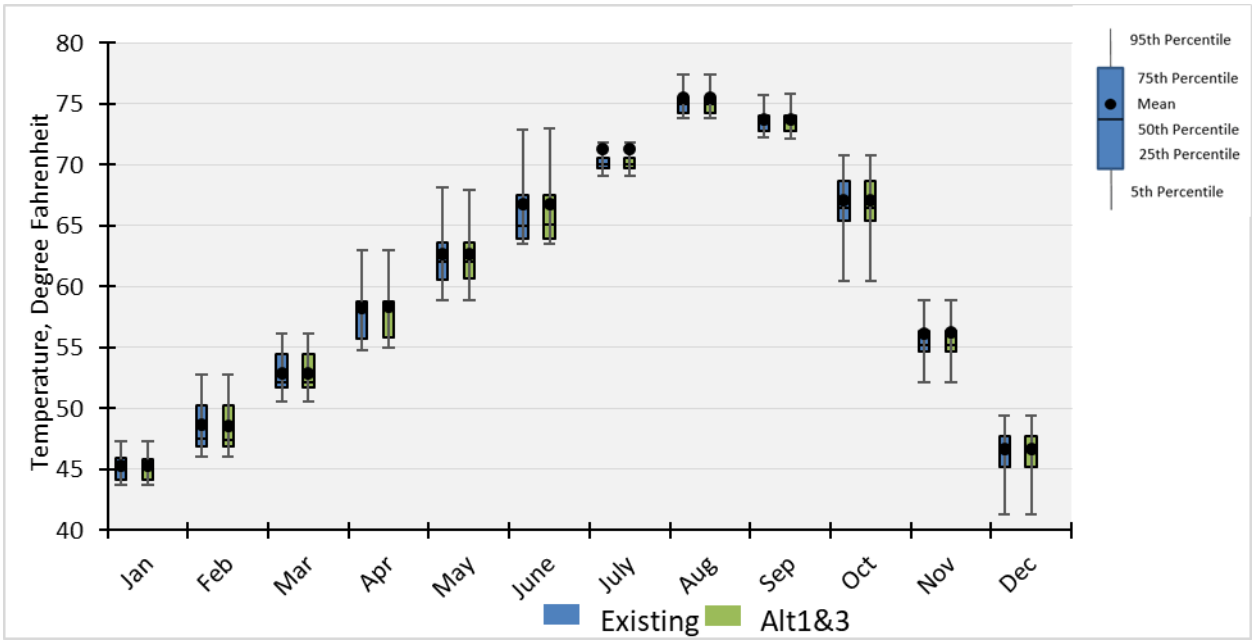


Figure 5A-D1.28.35. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



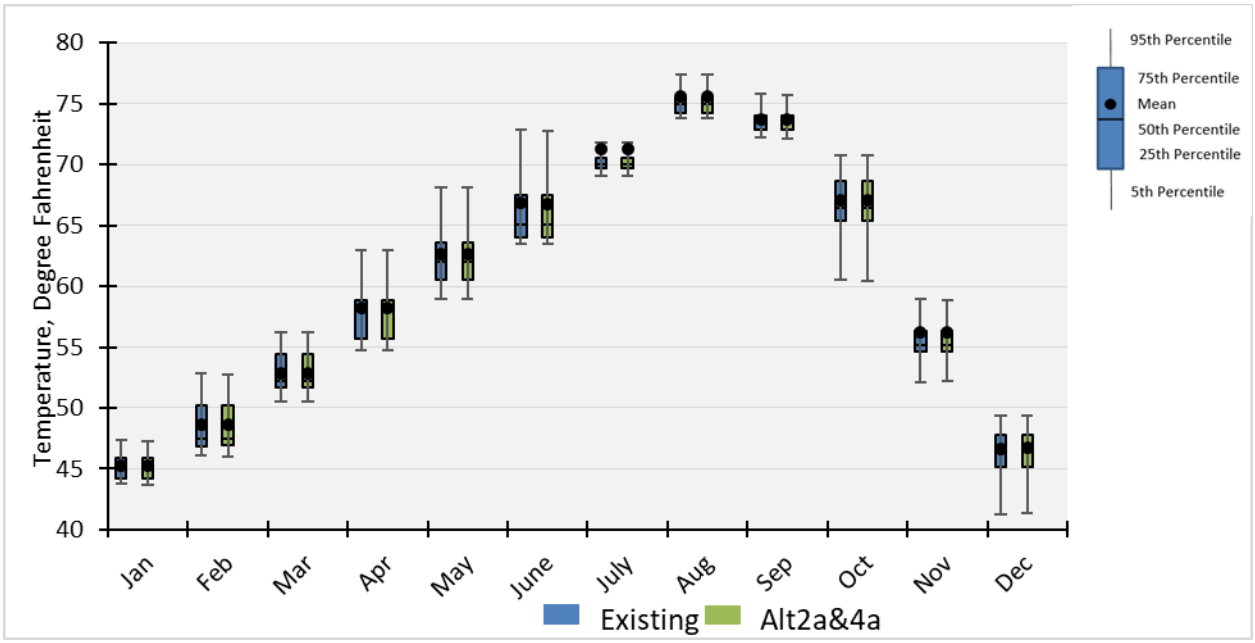


Figure 5A-D1.28.36. Stony Creek Below Black Butte, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

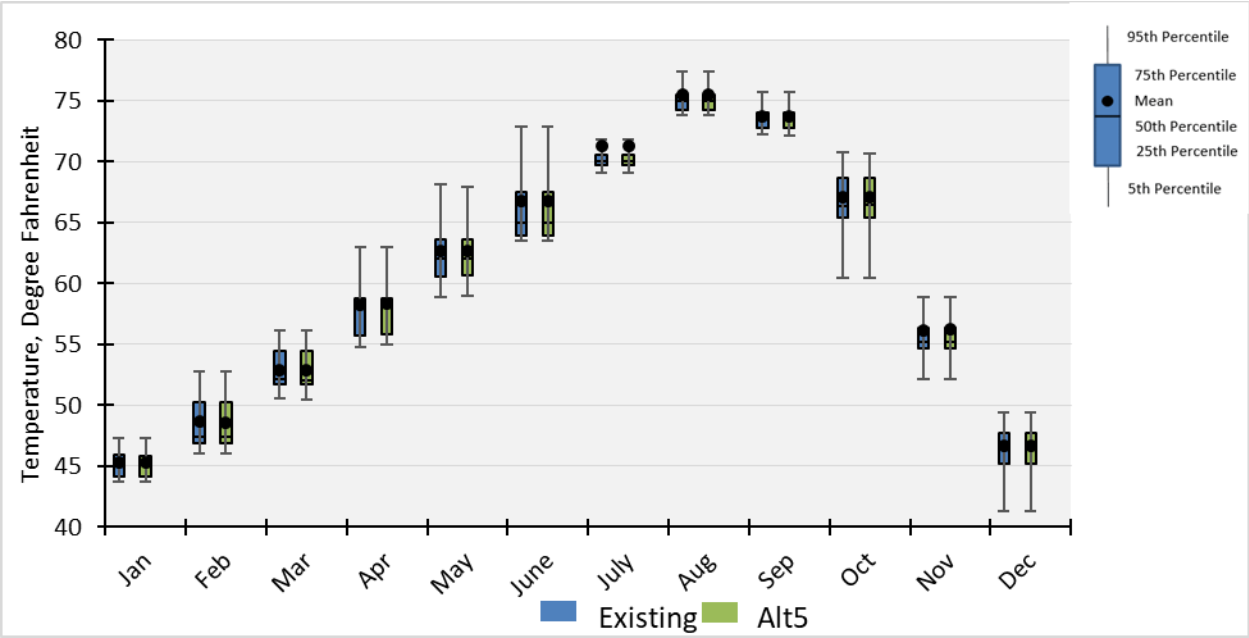
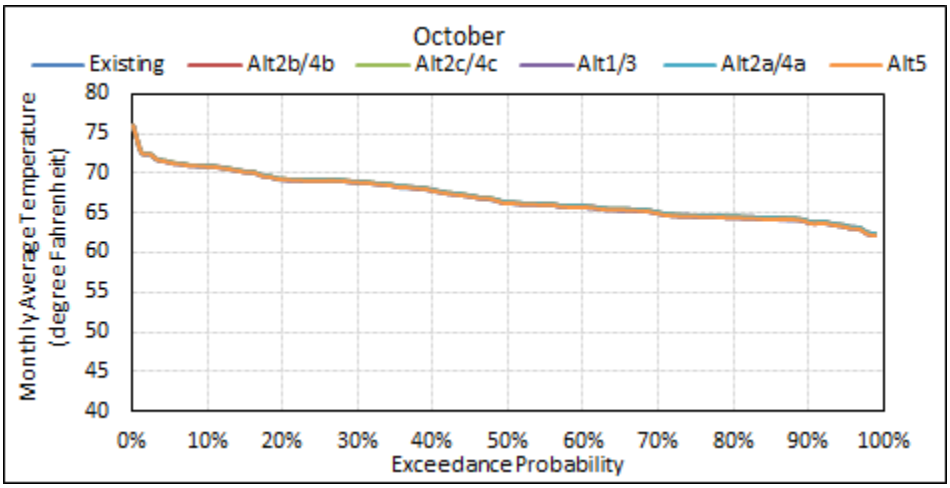
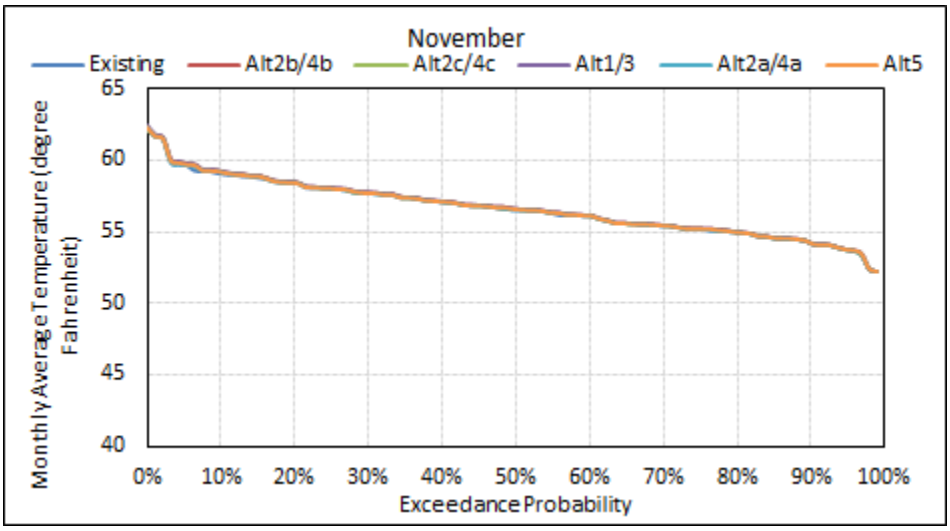


Figure 5A-D1.28.37-A. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





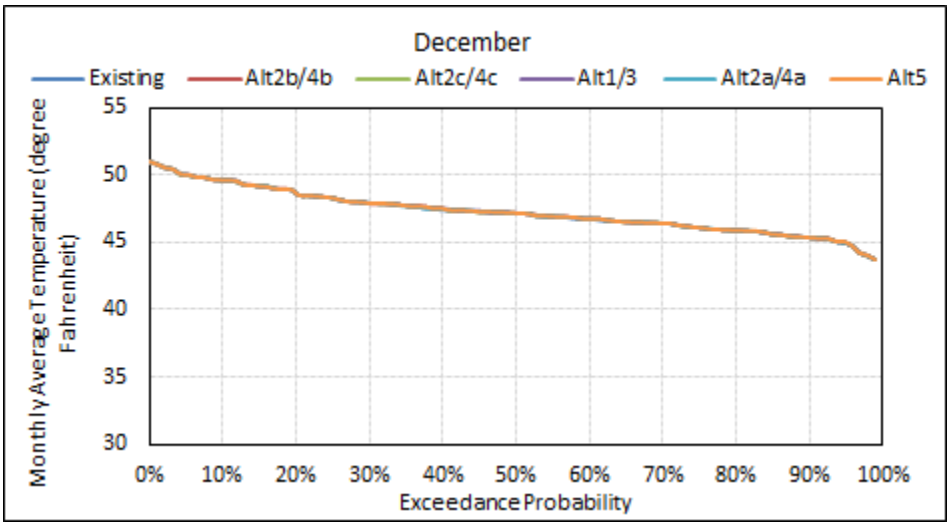
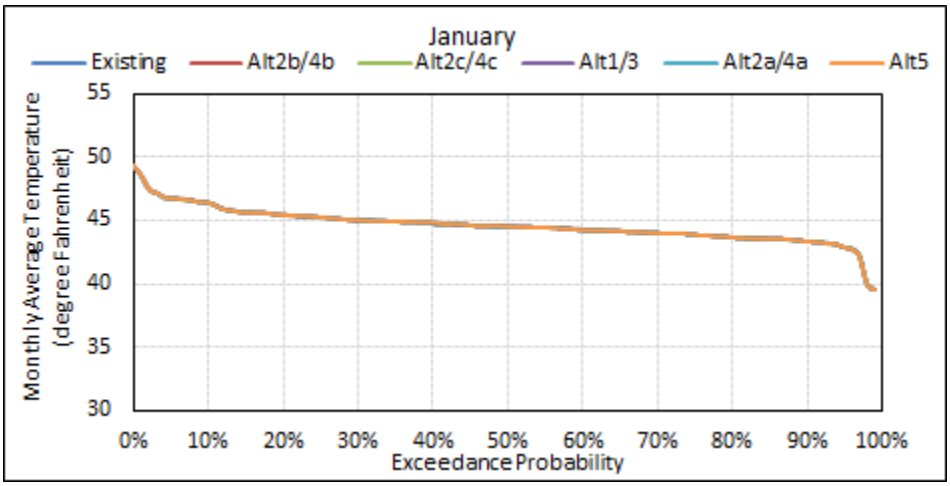
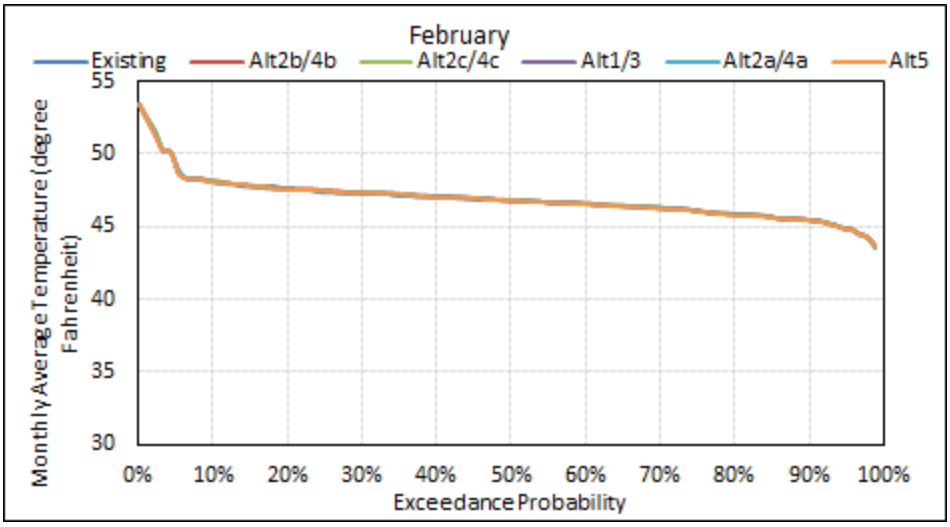


Figure 5A-D1.28.37-B. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





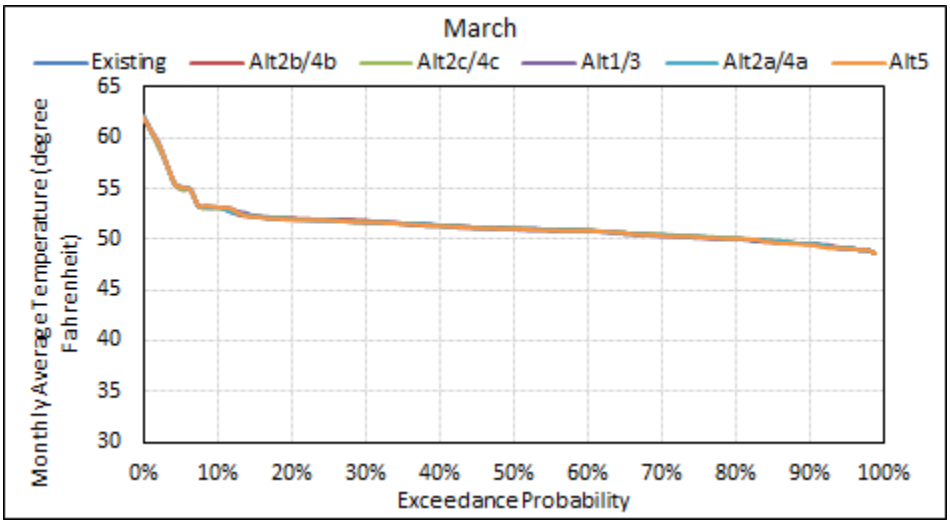
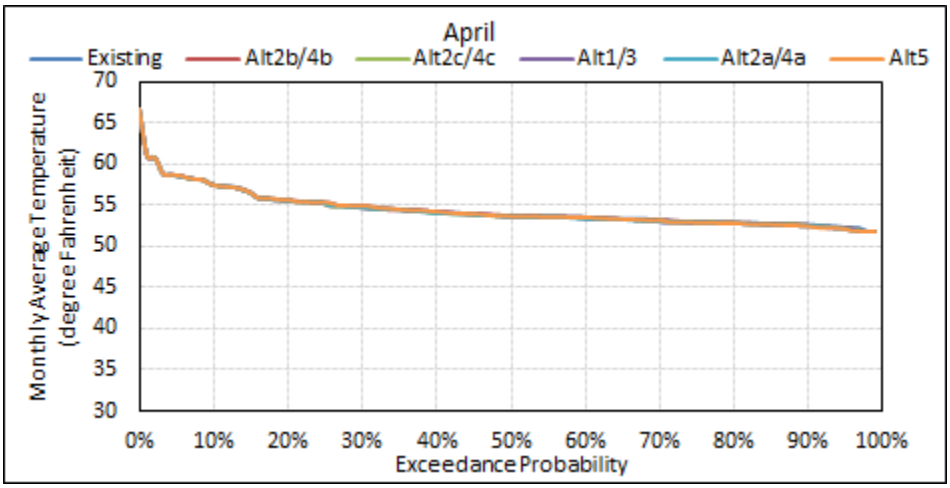
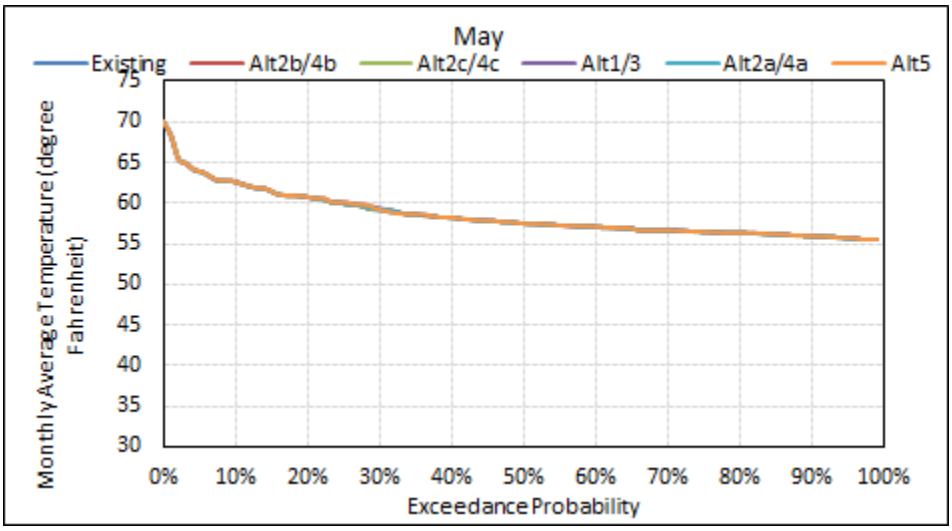


Figure 5A-D1.28.37-C. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





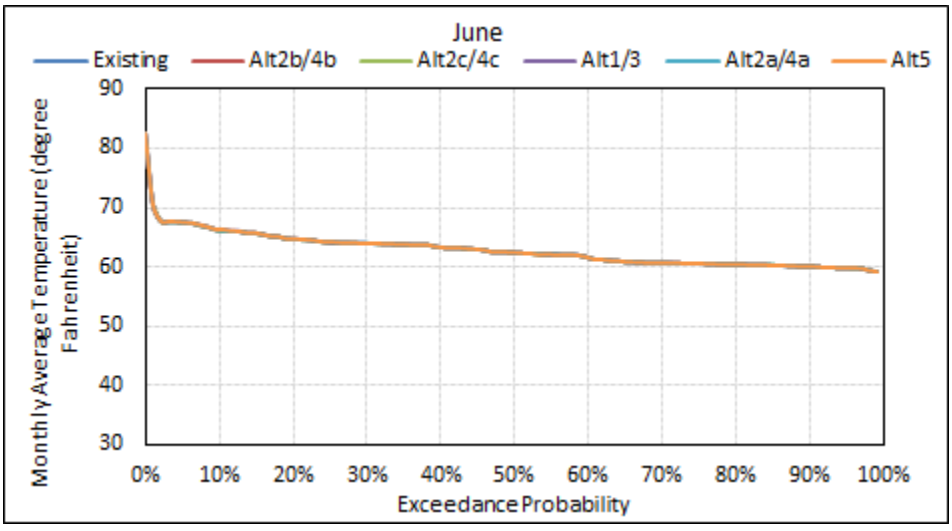
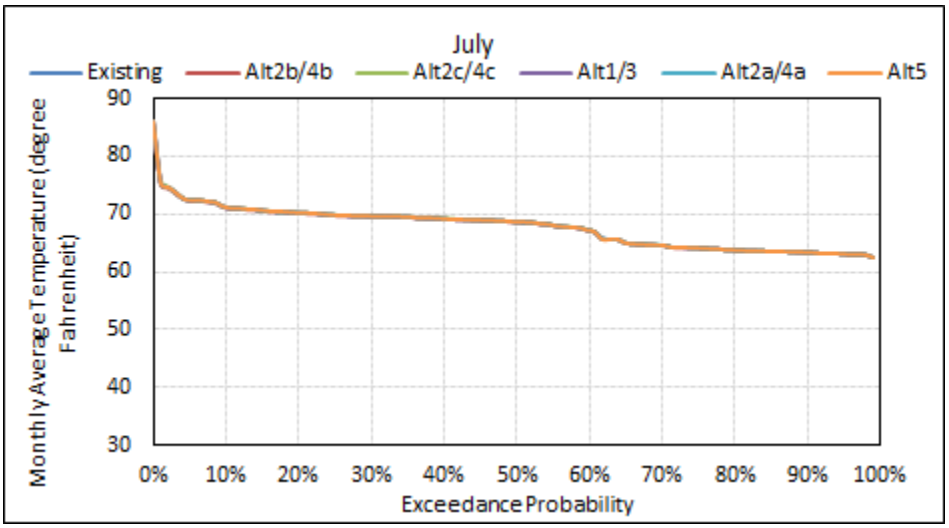
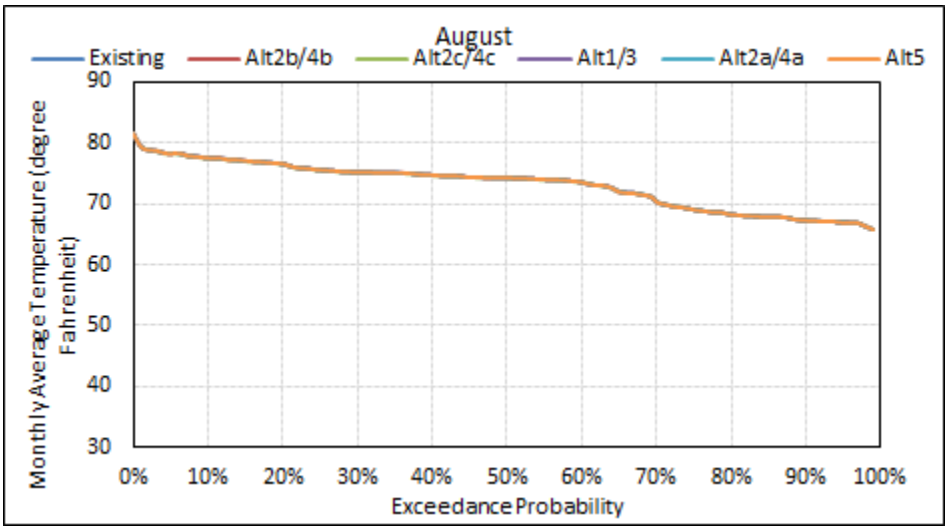


Figure 5A-D1.28.37-D. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





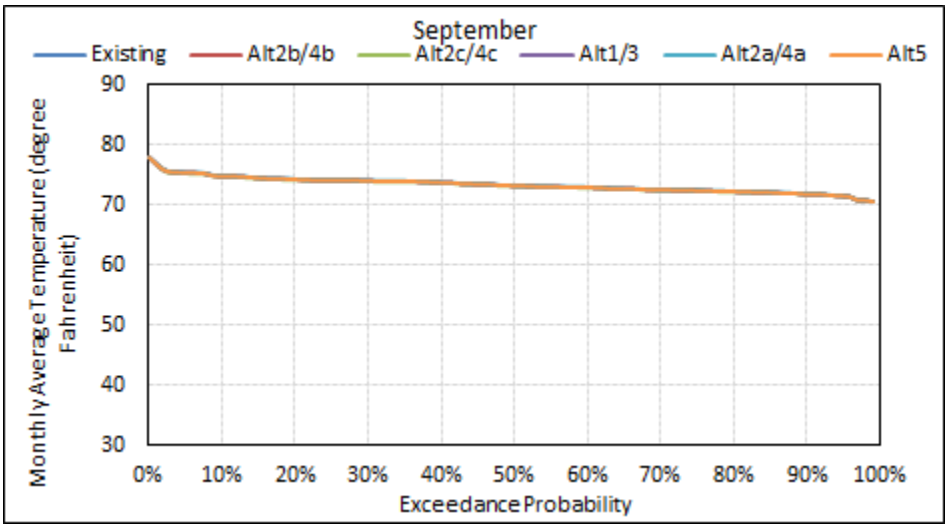


Figure 5A-D1.28.38. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

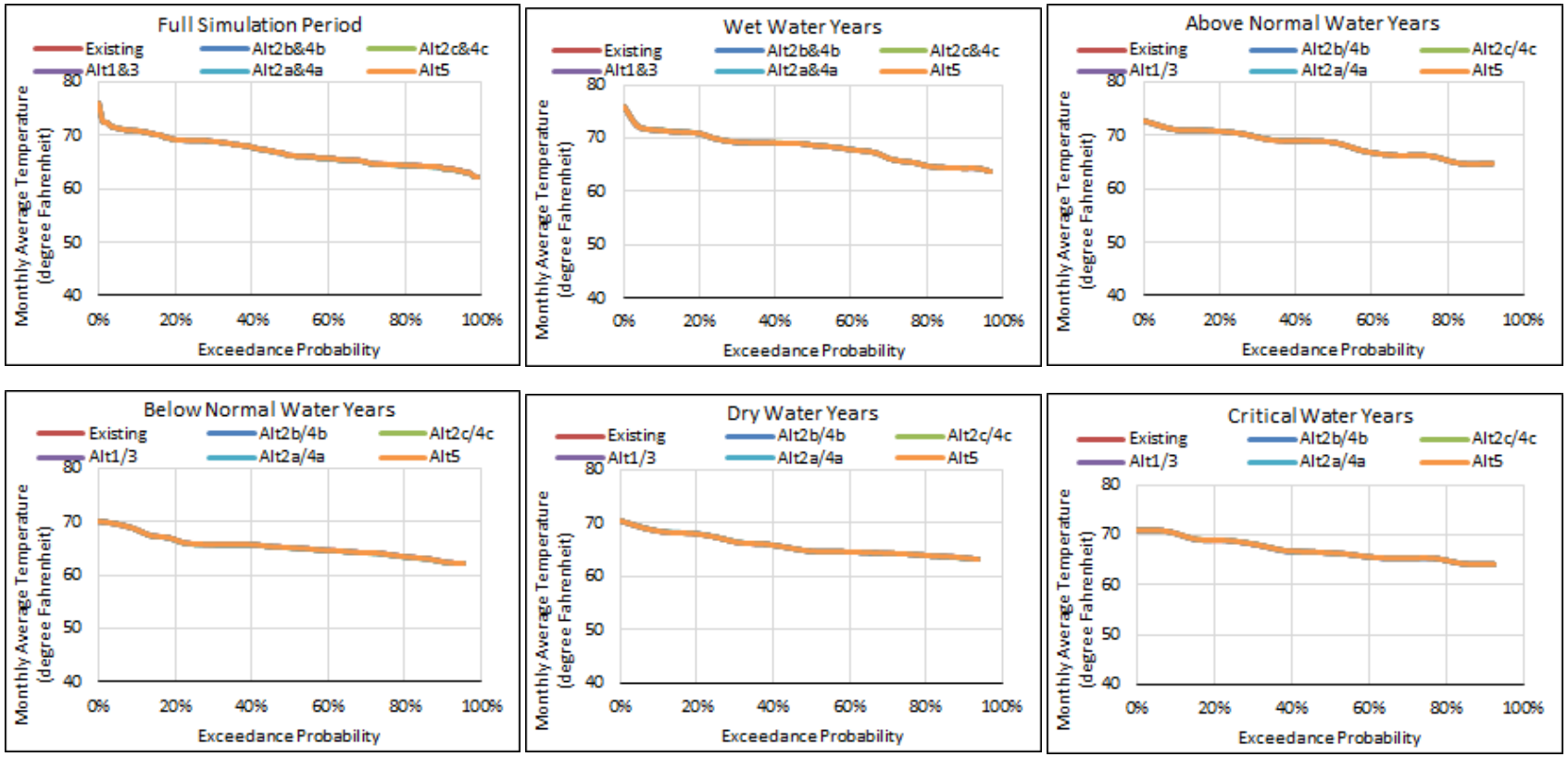


Figure 5A-D1.28.39. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

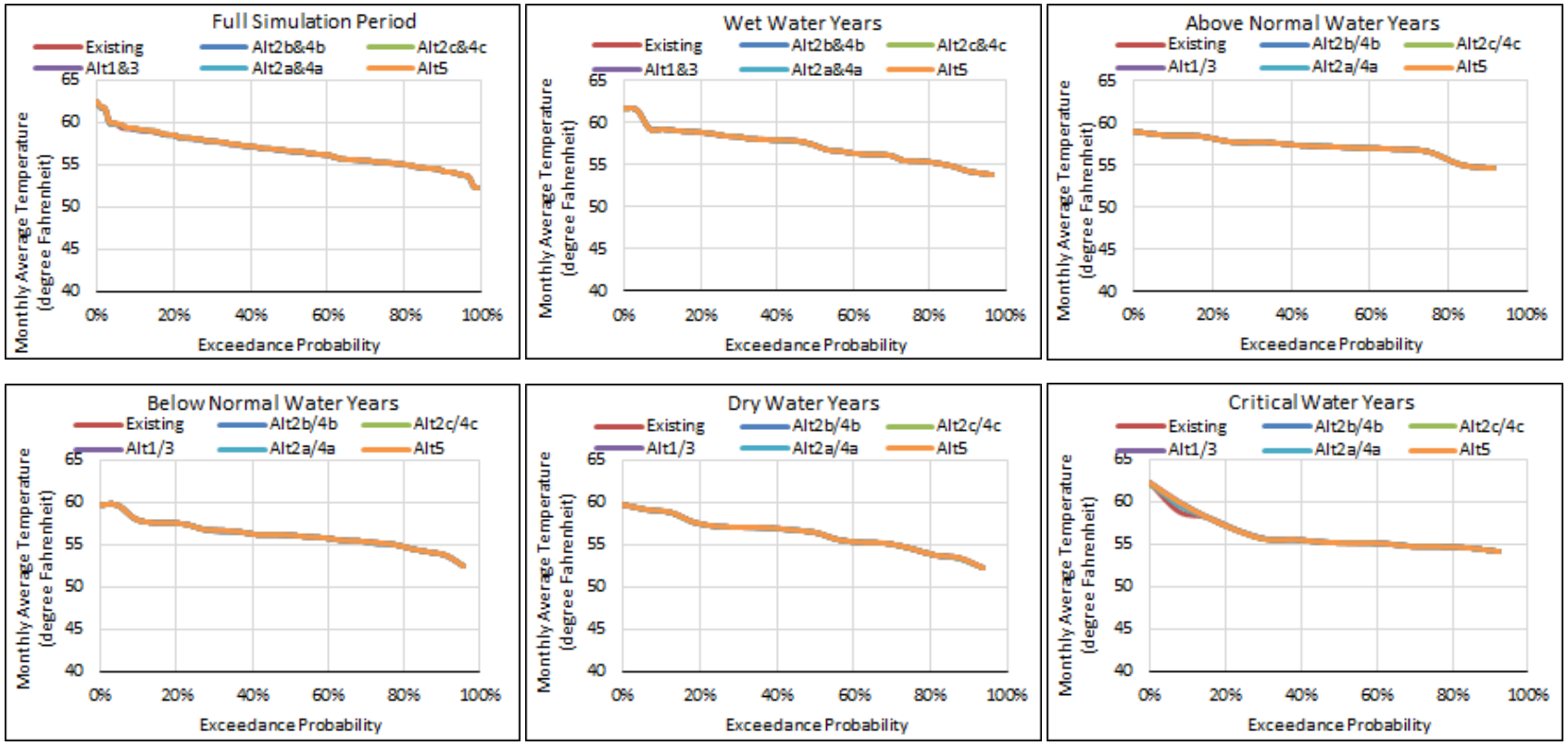


Figure 5A-D1.28.40. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

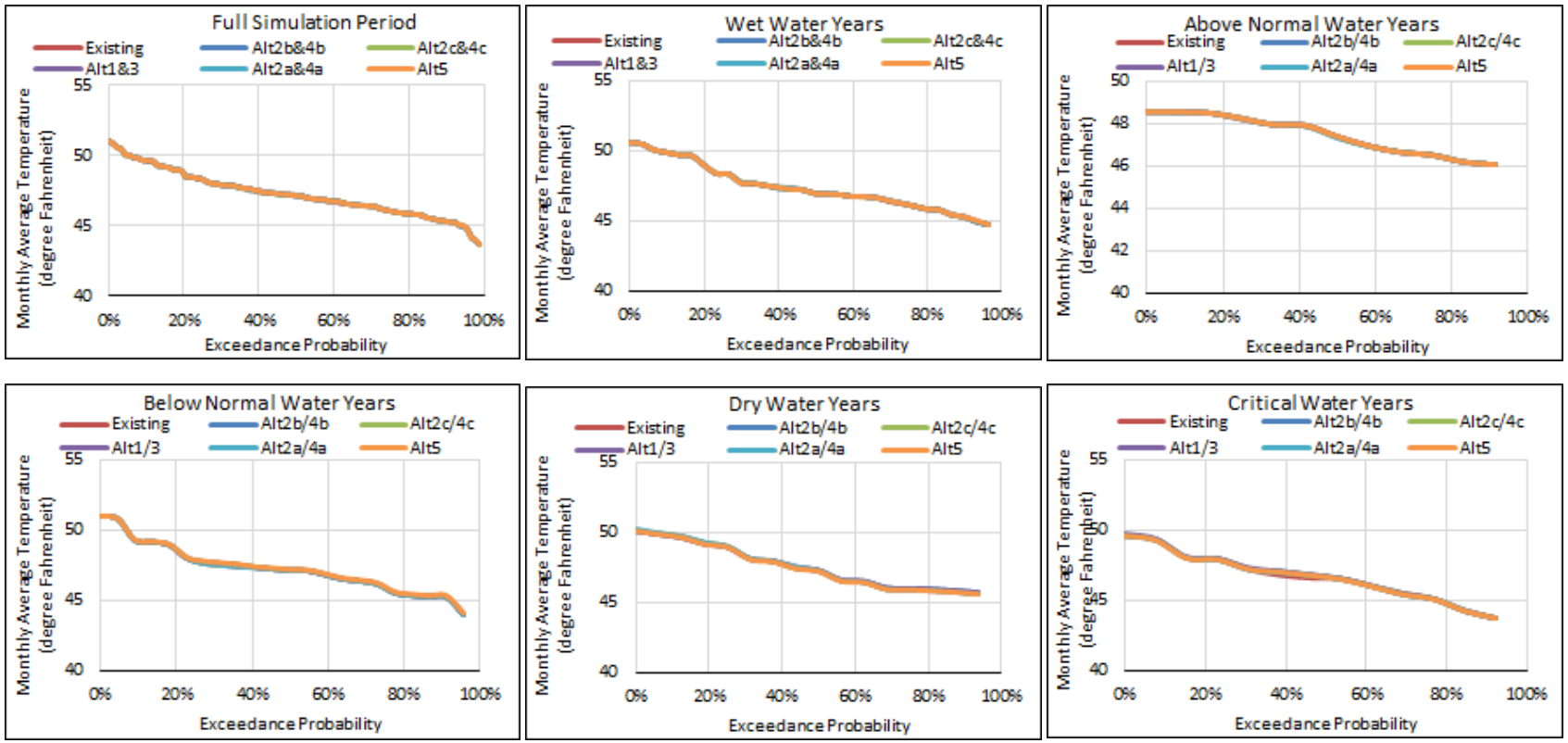


Figure 5A-D1.28.41. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

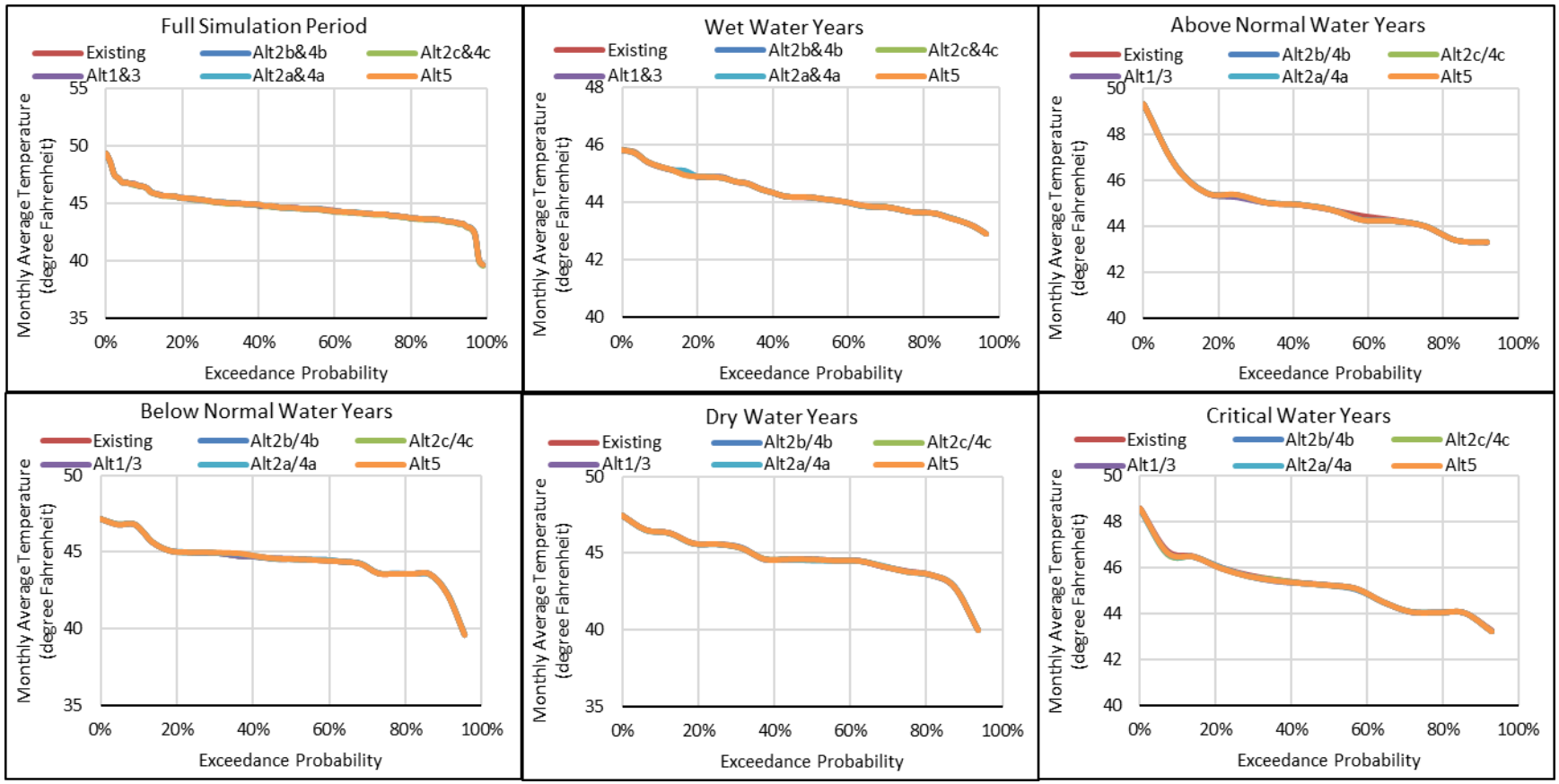


Figure 5A-D1.28.42. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

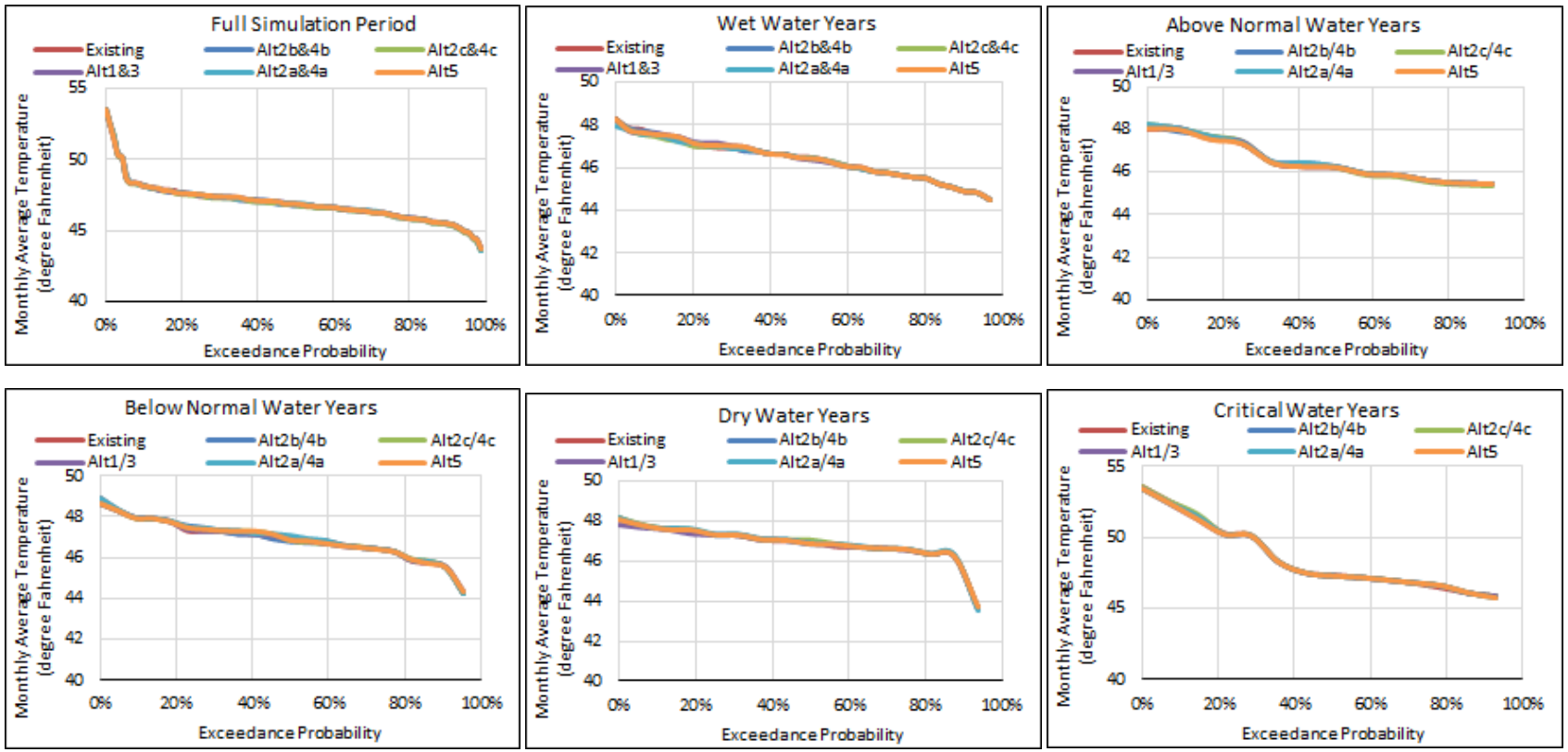


Figure 5A-D1.28.43. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

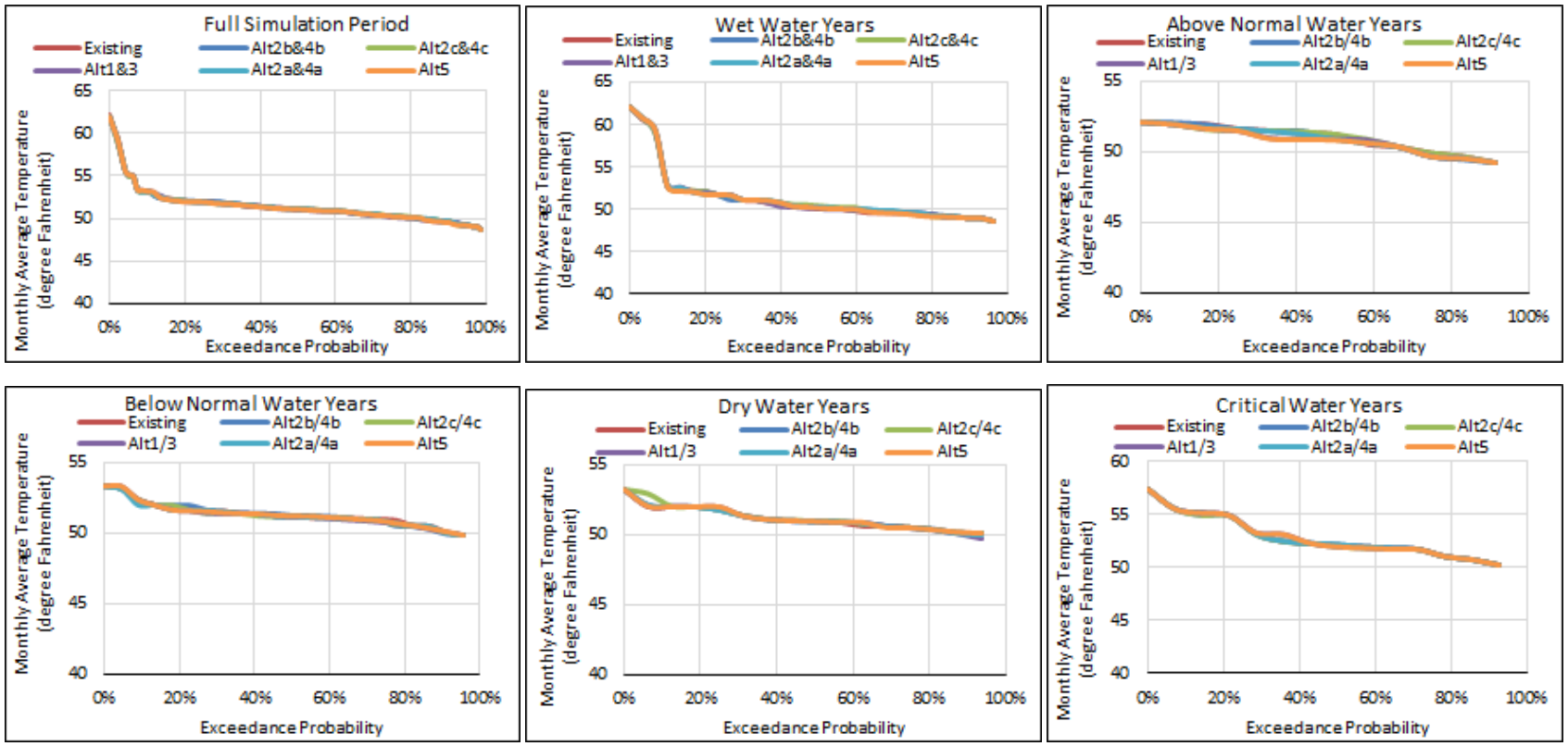


Figure 5A-D1.28.44. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

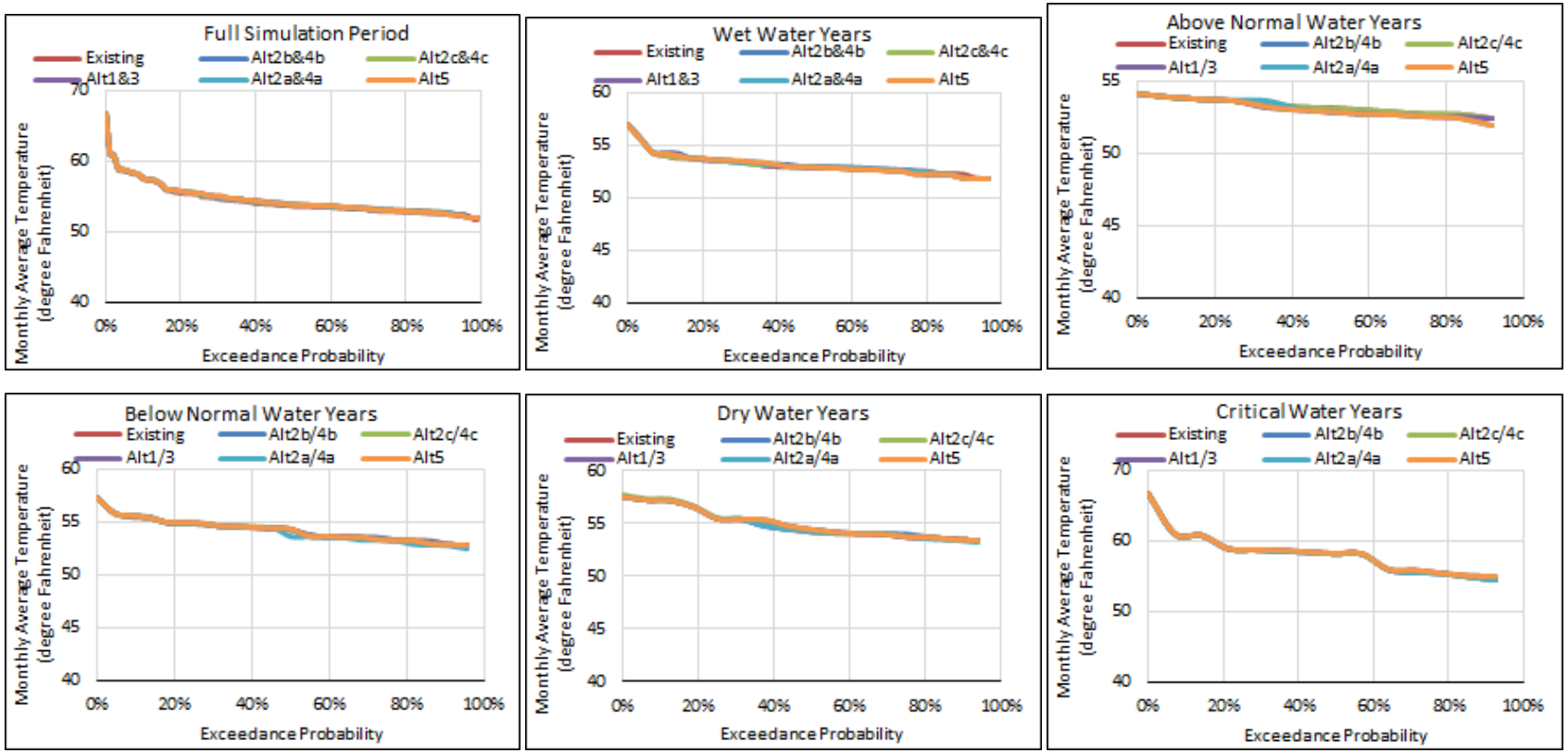


Figure 5A-D1.28.45. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

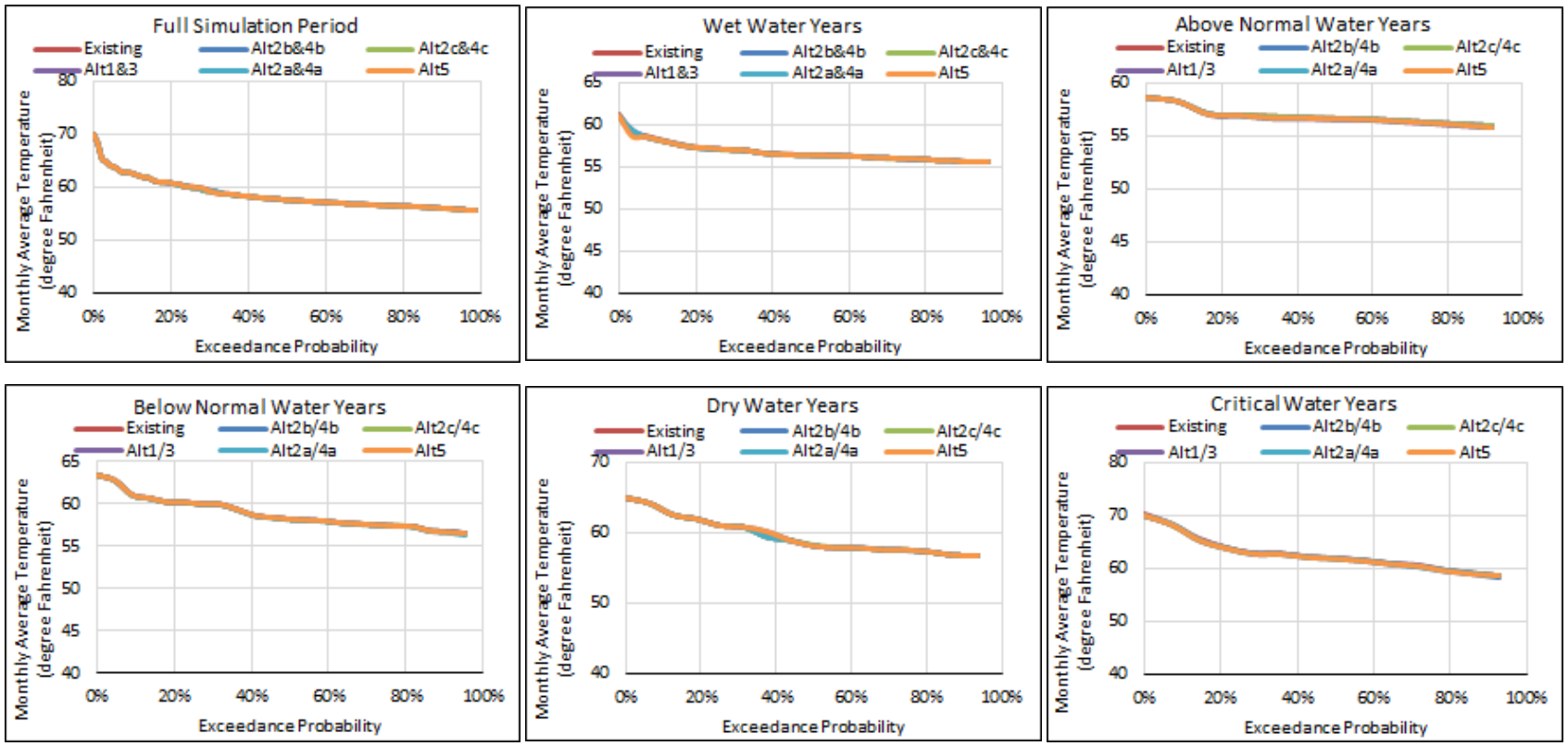


Figure 5A-D1.28.46. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

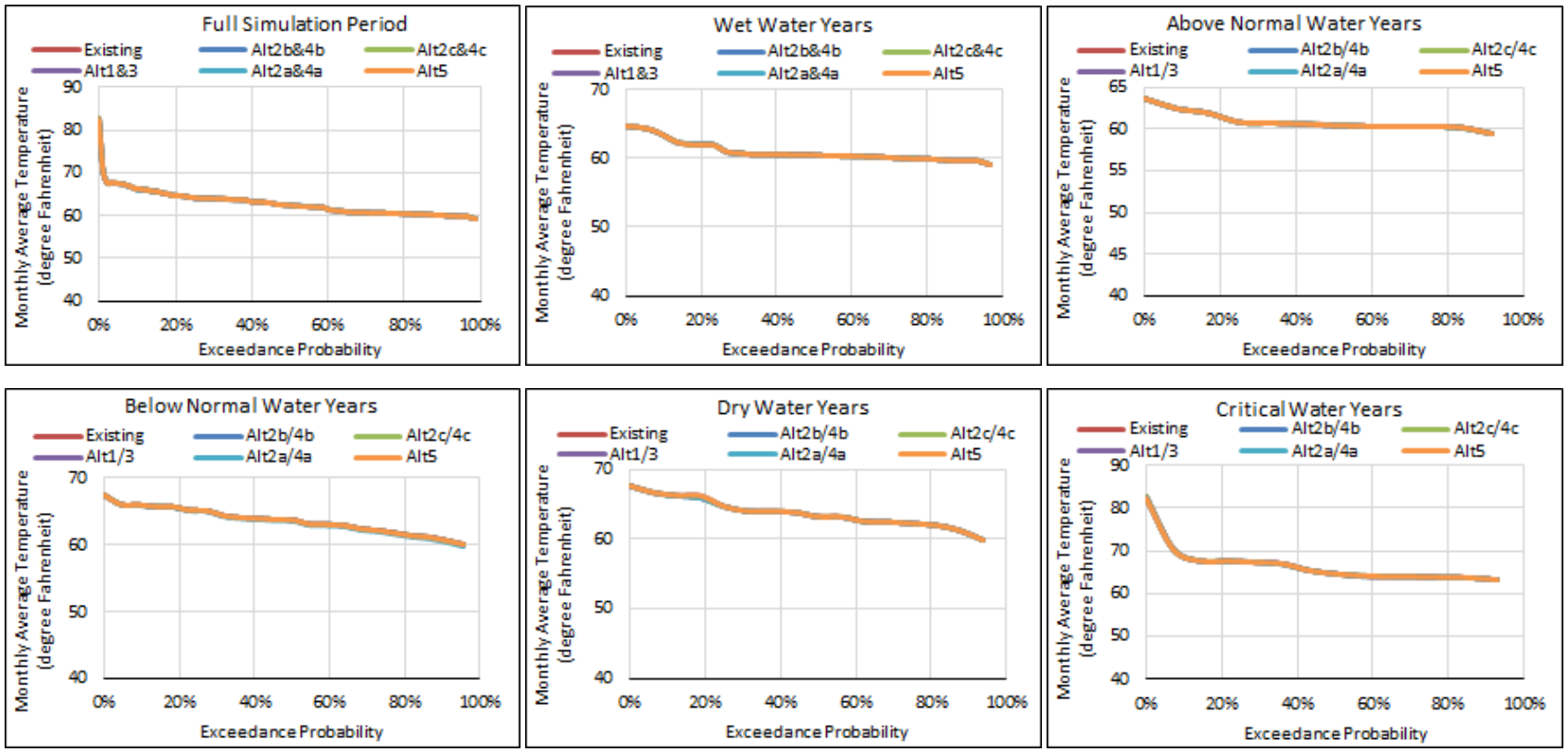


Figure 5A-D1.28.47. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

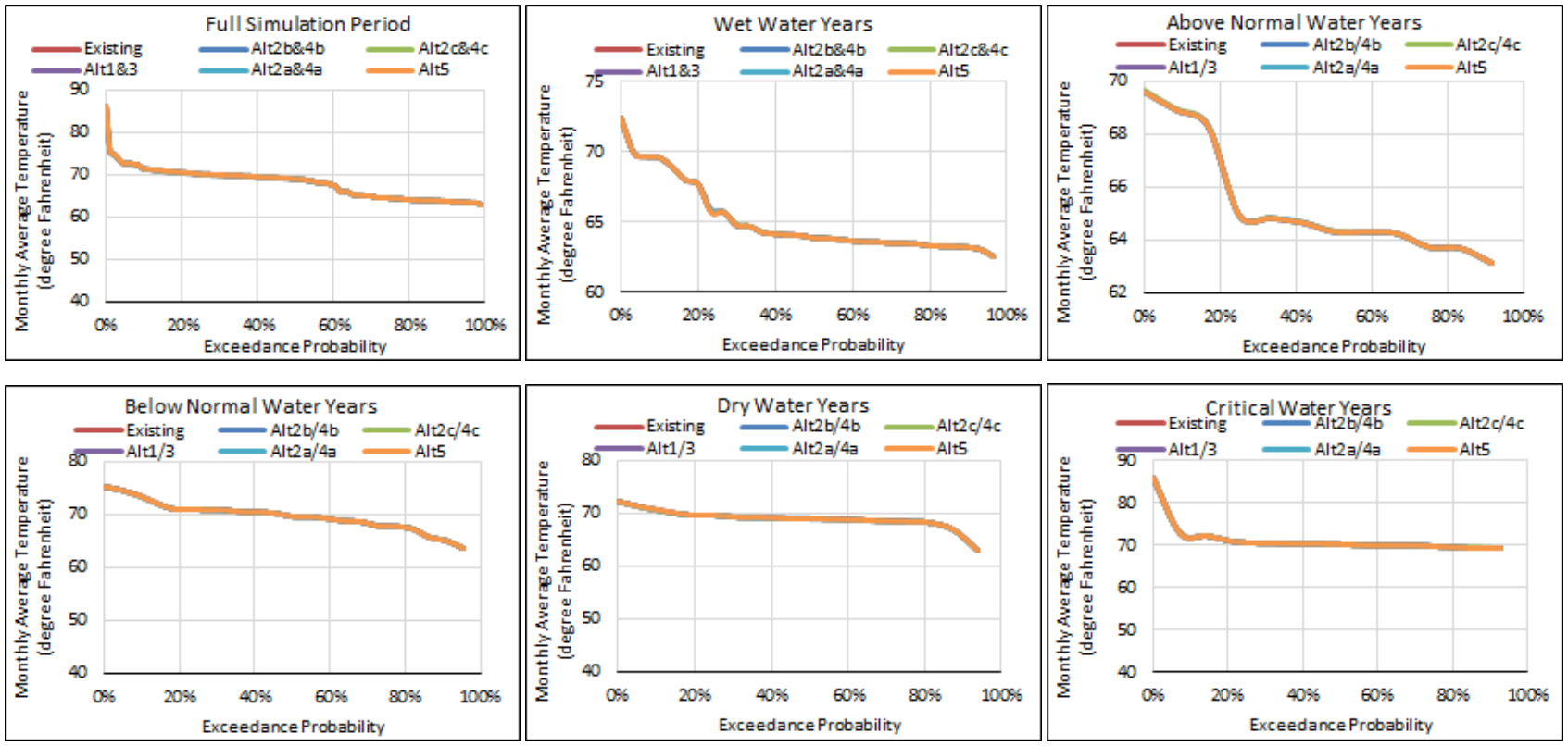


Figure 5A-D1.28.48. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

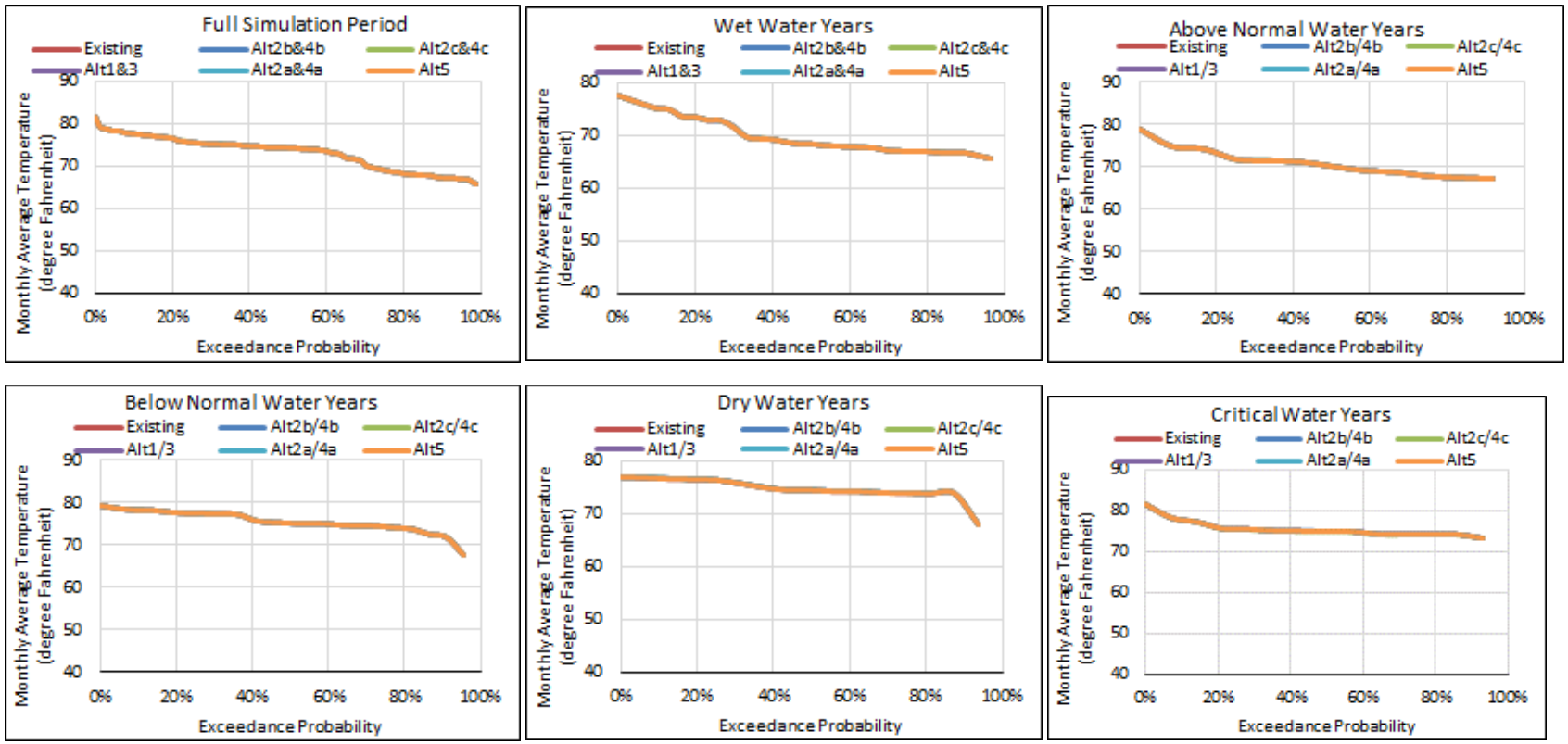
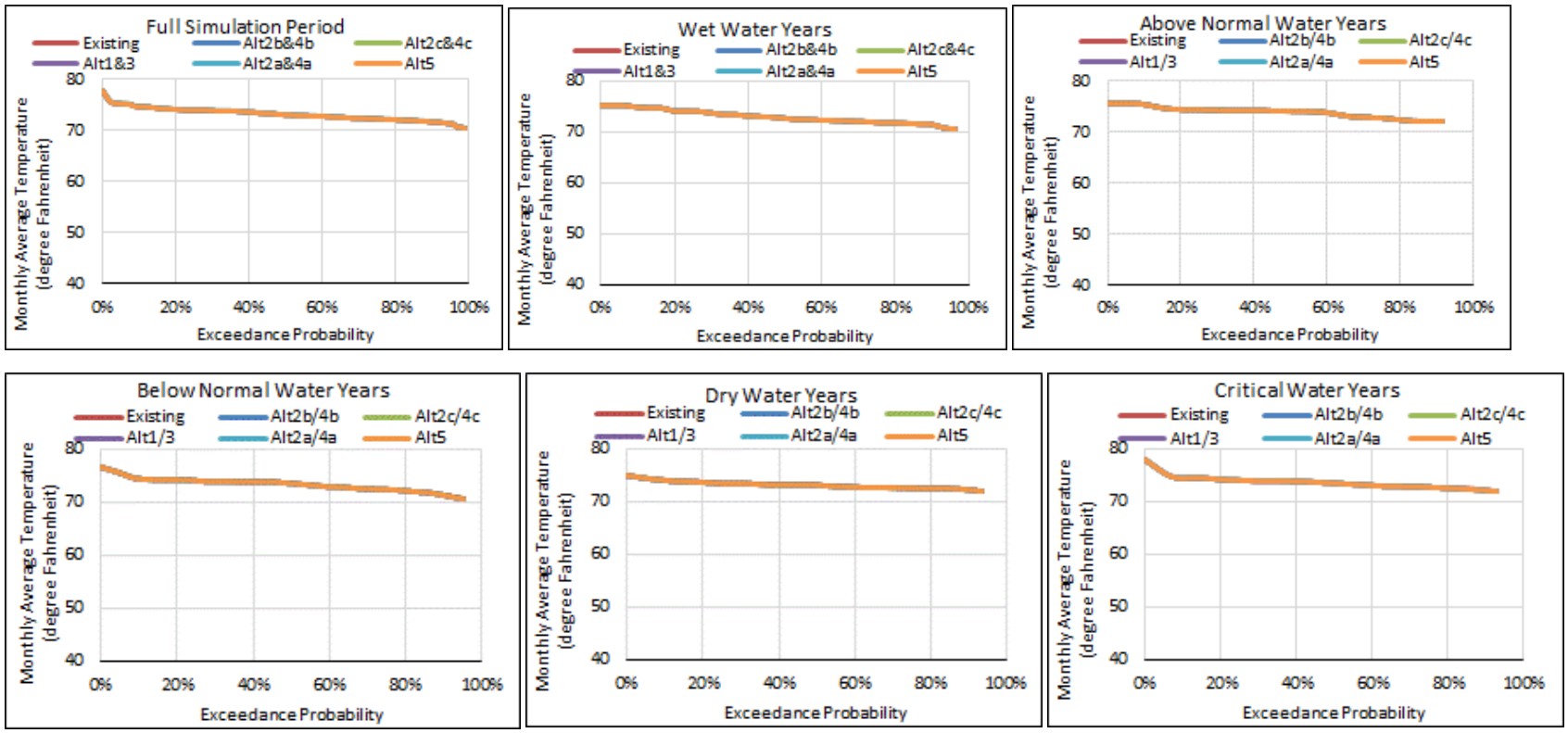


Figure 5A-D1.28.49. Stony Creek Below Black Butte, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.29 Trinity River Above Lewiston

Table 5A-D1.29.1-A. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	51.7	50.2	48.7	47.6	48.2	50.1	49.4	47.9	50.4	51.1	51.2	51.4
20%	50.9	49.9	48.2	46.8	47.7	49.5	49.0	47.5	49.8	50.0	50.1	50.2
30%	50.3	49.3	47.7	46.5	47.4	48.9	48.7	47.1	49.3	49.5	49.2	49.4
40%	49.8	48.8	47.4	46.1	47.0	48.2	48.5	46.6	48.5	48.9	48.7	48.8
50%	49.0	48.2	47.0	45.8	46.5	47.7	48.3	46.2	48.1	48.4	48.5	48.6
60%	48.7	47.9	46.6	45.5	46.4	47.2	48.2	46.0	47.7	48.0	48.2	48.2
70%	48.2	47.7	46.3	45.2	45.7	46.5	47.6	45.7	47.3	47.6	47.9	47.7
80%	47.7	47.3	45.9	45.0	45.3	45.9	47.2	45.3	46.6	47.3	47.5	47.3
90%	47.1	46.5	45.5	44.4	45.0	45.1	46.4	44.9	46.2	46.8	46.9	46.9

Table 5A-D1.29.1-B. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.3	48.5	47.1	45.9	46.6	47.7	48.2	46.5	48.2	48.8	48.9	48.9
Wet Water Years	48.0	47.5	46.4	45.4	46.1	46.6	47.5	45.5	46.7	47.7	48.0	47.5
Above Normal Water Years	48.8	47.8	46.7	45.7	45.9	47.2	48.4	46.0	47.7	48.4	48.3	48.2
Below Normal Water Years	49.3	48.8	47.0	45.8	46.6	47.8	48.3	46.6	48.9	48.8	48.4	48.7
Dry Water Years	49.8	48.9	47.4	46.1	47.1	49.1	48.5	47.0	49.1	48.7	48.9	49.3
Critical Water Years	52.1	50.3	48.8	47.3	47.9	49.1	48.9	48.2	50.0	51.5	52.2	52.4

Table 5A-D1.29.1-C. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	51.7	50.3	48.7	47.6	48.4	50.6	49.5	47.9	50.4	50.9	51.2	51.3
20%	50.8	49.9	48.1	46.8	47.7	49.5	49.0	47.5	49.8	49.9	50.1	50.3
30%	50.2	49.3	47.7	46.5	47.4	49.0	48.7	47.1	49.1	49.5	49.4	49.3
40%	49.7	48.9	47.4	46.2	47.0	48.5	48.5	46.6	48.5	48.8	48.7	48.9
50%	49.1	48.2	47.0	45.9	46.6	47.7	48.3	46.2	48.1	48.4	48.5	48.6
60%	48.8	48.0	46.7	45.6	46.4	47.2	48.2	46.0	47.7	48.0	48.3	48.1
70%	48.2	47.7	46.3	45.3	45.7	46.4	47.6	45.7	47.2	47.6	47.9	47.7
80%	47.7	47.3	45.9	45.0	45.3	45.9	47.2	45.3	46.6	47.3	47.5	47.3
90%	47.2	46.5	45.4	44.5	45.0	45.1	46.4	44.9	46.2	46.8	46.9	46.9

Table 5A-D1.29.1-D. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.3	48.5	47.0	45.9	46.6	47.8	48.1	46.5	48.2	48.7	48.9	48.8
Wet Water Years	48.0	47.5	46.4	45.4	46.1	46.6	47.4	45.5	46.7	47.7	48.0	47.5
Above Normal Water Years	48.8	47.7	46.6	45.8	45.9	47.1	48.3	46.0	47.7	48.4	48.2	48.2
Below Normal Water Years	49.3	48.7	47.0	45.8	46.6	47.7	48.3	46.6	48.9	48.9	48.5	48.6
Dry Water Years	49.8	49.0	47.4	46.1	47.2	49.3	48.5	47.0	49.1	48.7	48.9	49.3
Critical Water Years	52.1	50.3	48.6	47.3	47.9	49.2	48.9	48.2	49.9	51.0	51.8	51.6

Table 5A-D1.29.1-E. Trinity River Above Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	-0.1	0.0	0.2	0.5	0.0	0.0	0.0	-0.2	0.0	-0.1
20%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1
30%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.2	0.0	0.2	-0.1
40%	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
50%	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.1	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.0
70%	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
90%	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.29.1-F. Trinity River Above Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0
Below Normal Water Years	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	-0.1	0.0	0.1	0.1	0.0	0.0	-0.1	-0.5	-0.4	-0.9

Table 5A-D1.29.1-G. Trinity River Above Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	-0.2%	0.0%	0.5%	1.1%	0.0%	0.0%	0.0%	-0.4%	0.0%	-0.2%
20%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.3%
30%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	-0.4%	0.0%	0.5%	-0.2%
40%	0.0%	0.1%	0.0%	0.1%	0.1%	0.4%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.1%
50%	0.2%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%
60%	0.1%	0.2%	0.0%	0.2%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%
70%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.3%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%
80%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%
90%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%

Table 5A-D1.29.1-H. Trinity River Above Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.3%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%
Above Normal Water Years	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.4%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.1%
Dry Water Years	0.0%	0.1%	0.0%	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.1%	-0.3%	0.0%	0.2%	0.3%	0.0%	0.0%	-0.2%	-0.9%	-0.7%	-1.7%

Table 5A-D1.29.2-A. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	51.7	50.3	48.7	47.6	48.4	50.6	49.5	47.9	50.4	50.9	51.2	51.3
20%	50.8	49.9	48.1	46.8	47.7	49.5	49.0	47.4	49.8	49.9	50.1	50.1
30%	50.2	49.4	47.7	46.5	47.4	49.0	48.7	47.1	49.1	49.5	49.5	49.3
40%	49.7	48.9	47.4	46.2	47.0	48.4	48.5	46.6	48.5	48.8	48.7	48.8
50%	49.0	48.2	47.0	45.9	46.6	47.7	48.3	46.2	48.1	48.4	48.5	48.6
60%	48.7	48.0	46.6	45.6	46.4	47.1	48.2	46.0	47.7	48.0	48.2	48.2
70%	48.1	47.7	46.3	45.3	45.6	46.4	47.6	45.7	47.2	47.6	47.9	47.7
80%	47.7	47.3	45.9	45.0	45.3	45.9	47.2	45.3	46.6	47.3	47.5	47.3
90%	47.2	46.5	45.5	44.4	45.0	45.1	46.2	44.9	46.2	46.8	47.0	46.9

Table 5A-D1.29.2-B. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.3	48.5	47.0	45.9	46.6	47.8	48.1	46.5	48.2	48.7	48.9	48.8
Wet Water Years	48.0	47.5	46.4	45.4	46.1	46.6	47.4	45.5	46.7	47.7	48.0	47.5
Above Normal Water Years	48.8	47.7	46.6	45.7	45.9	47.2	48.3	46.0	47.7	48.4	48.3	48.2
Below Normal Water Years	49.3	48.7	47.0	45.8	46.6	47.7	48.3	46.6	48.9	48.9	48.5	48.6
Dry Water Years	49.8	48.9	47.4	46.1	47.1	49.2	48.5	47.0	49.1	48.7	48.9	49.4
Critical Water Years	52.1	50.4	48.6	47.3	47.9	49.2	48.9	48.2	49.9	51.1	51.8	51.6

Table 5A-D1.29.2-C. Trinity River Above Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	0.2	0.5	0.0	0.0	0.0	-0.3	0.0	-0.1
20%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
30%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.3	-0.1
40%	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.1	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.2	0.0	0.0	-0.1	0.0	0.1	-0.2	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.29.2-D. Trinity River Above Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	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	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	-0.1	0.0	0.1	0.1	0.0	0.0	-0.1	-0.4	-0.3	-0.8

Table 5A-D1.29.2-E. Trinity River Above Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.1%	-0.1%	-0.1%	0.4%	1.1%	0.1%	-0.1%	0.0%	-0.5%	0.0%	-0.2%
20%	-0.2%	-0.2%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	-0.1%
30%	-0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.4%	0.0%	0.7%	-0.1%
40%	0.0%	0.1%	0.0%	0.1%	0.0%	0.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
50%	0.0%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	0.0%
60%	0.0%	0.1%	0.0%	0.2%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	-0.1%	-0.1%	0.0%	0.1%	-0.2%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.1%	-0.1%	0.1%	0.0%
90%	0.4%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.5%	0.0%	-0.1%	0.0%	0.0%	0.0%

Table 5A-D1.29.2-F. Trinity River Above Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.3%
Wet Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Above Normal Water Years	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Below Normal Water Years	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	-0.2%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.2%	-0.3%	0.0%	0.2%	0.2%	0.0%	0.0%	-0.2%	-0.9%	-0.6%	-1.6%

Table 5A-D1.29.3-A. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	51.6	50.3	48.7	47.6	48.4	50.1	49.4	47.9	50.4	51.1	51.2	51.3
20%	50.8	49.9	48.1	46.8	47.6	49.5	49.0	47.4	49.8	49.9	50.1	50.1
30%	50.2	49.4	47.6	46.5	47.3	48.9	48.7	47.1	49.1	49.6	49.2	49.3
40%	49.7	48.9	47.4	46.1	47.0	48.4	48.5	46.6	48.5	48.8	48.7	48.9
50%	49.1	48.2	47.0	45.9	46.6	47.7	48.3	46.2	48.1	48.4	48.5	48.6
60%	48.7	48.0	46.6	45.6	46.4	47.2	48.2	46.0	47.7	48.0	48.2	48.2
70%	48.1	47.7	46.3	45.3	45.7	46.4	47.7	45.7	47.3	47.6	47.9	47.7
80%	47.6	47.2	45.9	45.0	45.3	45.9	47.2	45.3	46.6	47.3	47.5	47.3
90%	47.1	46.5	45.4	44.4	45.0	45.1	46.4	44.9	46.2	46.8	46.9	46.9

Table 5A-D1.29.3-B. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.3	48.4	47.1	45.9	46.6	47.7	48.2	46.5	48.2	48.7	48.9	48.8
Wet Water Years	48.0	47.5	46.4	45.4	46.1	46.6	47.5	45.5	46.7	47.7	48.0	47.5
Above Normal Water Years	48.8	47.7	46.6	45.7	45.9	47.1	48.3	46.0	47.7	48.4	48.3	48.2
Below Normal Water Years	49.4	48.7	47.0	45.8	46.6	47.7	48.3	46.6	48.9	48.9	48.4	48.6
Dry Water Years	49.8	49.0	47.4	46.1	47.0	49.1	48.5	47.0	49.1	48.7	48.9	49.4
Critical Water Years	52.0	50.3	48.7	47.3	47.8	49.2	48.9	48.2	49.8	51.1	51.9	51.6

Table 5A-D1.29.3-C. Trinity River Above Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	-0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
20%	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
30%	0.0	0.1	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	0.0	0.0	-0.1
40%	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
80%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.29.3-D. Trinity River Above Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	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	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	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dry Water Years	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.4	-0.3	-0.8

Table 5A-D1.29.3-E. Trinity River Above Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2%	0.1%	-0.1%	-0.1%	0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%
20%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	0.0%	-0.1%	0.0%	-0.2%	0.0%	-0.1%
30%	-0.1%	0.1%	-0.1%	0.0%	-0.2%	-0.1%	0.0%	0.0%	-0.4%	0.1%	0.0%	-0.1%
40%	0.0%	0.1%	0.0%	0.1%	0.0%	0.4%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%
50%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
60%	0.0%	0.1%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%
80%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%

Table 5A-D1.29.3-F. Trinity River Above Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.3%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.1%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.2%	0.0%	-0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	-0.2%	-0.8%	-0.5%	-1.6%

Table 5A-D1.29.4-A. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	51.7	50.3	48.7	47.6	48.4	50.2	49.5	47.9	50.4	50.9	51.2	51.3
20%	50.8	50.0	48.1	46.8	47.6	49.5	49.0	47.4	49.8	49.9	50.1	50.1
30%	50.1	49.3	47.7	46.5	47.4	48.9	48.7	47.1	49.1	49.5	49.4	49.3
40%	49.7	48.8	47.4	46.2	47.0	48.4	48.5	46.6	48.5	48.8	48.7	48.9
50%	49.1	48.2	47.0	45.9	46.6	47.7	48.3	46.2	48.1	48.4	48.5	48.6
60%	48.7	48.0	46.6	45.6	46.3	47.2	48.2	46.0	47.7	48.0	48.3	48.1
70%	48.2	47.7	46.4	45.3	45.7	46.4	47.6	45.7	47.2	47.6	47.9	47.7
80%	47.6	47.2	45.9	45.0	45.3	45.9	47.2	45.3	46.6	47.3	47.5	47.3
90%	47.1	46.5	45.4	44.4	45.0	45.1	46.4	44.9	46.1	46.8	47.0	46.9

Table 5A-D1.29.4-B. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.3	48.5	47.0	46.0	46.6	47.7	48.2	46.5	48.2	48.7	48.9	48.8
Wet Water Years	48.0	47.5	46.4	45.5	46.1	46.6	47.5	45.4	46.7	47.7	48.0	47.5
Above Normal Water Years	48.8	47.7	46.6	45.7	45.9	47.2	48.3	46.0	47.7	48.4	48.3	48.2
Below Normal Water Years	49.1	48.7	47.0	45.8	46.6	47.7	48.3	46.6	48.9	48.9	48.5	48.6
Dry Water Years	49.8	49.0	47.4	46.1	47.0	49.1	48.5	47.0	49.1	48.7	48.9	49.4
Critical Water Years	52.2	50.4	48.7	47.4	47.9	49.2	48.9	48.2	49.8	51.0	51.8	51.6

Table 5A-D1.29.4-C. Trinity River Above Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	-0.2	0.0	-0.1
20%	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
30%	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2	-0.1	0.2	-0.1
40%	-0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
50%	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.1	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1
70%	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0

Table 5A-D1.29.4-D. Trinity River Above Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
Above Normal Water Years	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	-0.1	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	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	-0.1	0.0	0.1	0.1	0.0	0.0	-0.1	-0.5	-0.4	-0.9

Table 5A-D1.29.4-E. Trinity River Above Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.2%	-0.1%	0.0%	0.4%	0.3%	0.0%	-0.1%	0.1%	-0.5%	0.0%	-0.3%
20%	-0.2%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%
30%	-0.3%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.3%	-0.1%	0.5%	-0.1%
40%	-0.2%	-0.1%	0.0%	0.2%	0.0%	0.4%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.2%
50%	0.1%	0.2%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%
60%	0.0%	0.2%	0.0%	0.2%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%
70%	0.0%	0.0%	0.1%	0.1%	-0.1%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	-0.1%	0.2%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.0%
90%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%

Table 5A-D1.29.4-F. Trinity River Above Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	-0.3%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%
Below Normal Water Years	-0.3%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.1%	-0.2%
Dry Water Years	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.1%	0.2%	-0.2%	0.0%	0.2%	0.2%	0.0%	0.0%	-0.2%	-0.9%	-0.7%	-1.6%

Table 5A-D1.29.5-A. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	51.6	50.3	48.7	47.6	48.3	50.1	49.4	47.9	50.4	51.1	51.2	51.3
20%	50.8	49.9	48.1	46.8	47.7	49.5	49.0	47.4	49.8	49.9	50.1	50.1
30%	50.3	49.4	47.6	46.5	47.3	48.9	48.7	47.1	49.1	49.6	49.4	49.3
40%	49.8	48.9	47.4	46.2	47.0	48.4	48.5	46.6	48.5	48.8	48.7	48.9
50%	49.1	48.2	47.0	45.9	46.6	47.7	48.3	46.2	48.1	48.4	48.5	48.6
60%	48.7	48.0	46.6	45.6	46.4	47.2	48.2	46.0	47.7	48.1	48.2	48.2
70%	48.1	47.7	46.3	45.3	45.7	46.4	47.7	45.7	47.3	47.6	47.9	47.7
80%	47.7	47.2	45.9	45.0	45.3	45.9	47.2	45.3	46.6	47.3	47.5	47.3
90%	47.1	46.5	45.4	44.4	45.0	45.1	46.4	44.9	46.2	46.8	46.9	46.9

Table 5A-D1.29.5-B. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.3	48.5	47.1	45.9	46.6	47.7	48.2	46.5	48.2	48.7	48.9	48.8
Wet Water Years	48.0	47.5	46.4	45.4	46.1	46.6	47.5	45.5	46.7	47.7	48.0	47.5
Above Normal Water Years	48.8	47.7	46.6	45.7	45.9	47.1	48.3	46.0	47.7	48.4	48.3	48.2
Below Normal Water Years	49.4	48.7	47.0	45.8	46.6	47.7	48.3	46.6	48.9	48.9	48.4	48.6
Dry Water Years	49.8	49.0	47.4	46.1	47.0	49.1	48.5	47.0	49.1	48.7	48.9	49.4
Critical Water Years	52.0	50.3	48.7	47.3	47.9	49.1	48.9	48.2	49.8	51.1	51.9	51.6

Table 5A-D1.29.5-C. Trinity River Above Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
20%	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%	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.2	0.0	0.3	-0.1
40%	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.29.5-D. Trinity River Above Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	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	0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	-0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1	-0.4	-0.2	-0.8

Table 5A-D1.29.5-E. Trinity River Above Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3%	0.1%	-0.1%	0.0%	0.3%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.2%
20%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	-0.2%	0.0%	-0.1%
30%	0.1%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.3%	0.1%	0.5%	-0.1%
40%	0.0%	0.1%	0.0%	0.1%	0.0%	0.3%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.2%
50%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
60%	0.0%	0.2%	0.0%	0.2%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	-0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%
80%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%

Table 5A-D1.29.5-F. Trinity River Above Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.3%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.2%	-0.1%	-0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.1%	0.0%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.2%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.2%	-0.8%	-0.5%	-1.6%

Figure 5A-D1.29.1. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

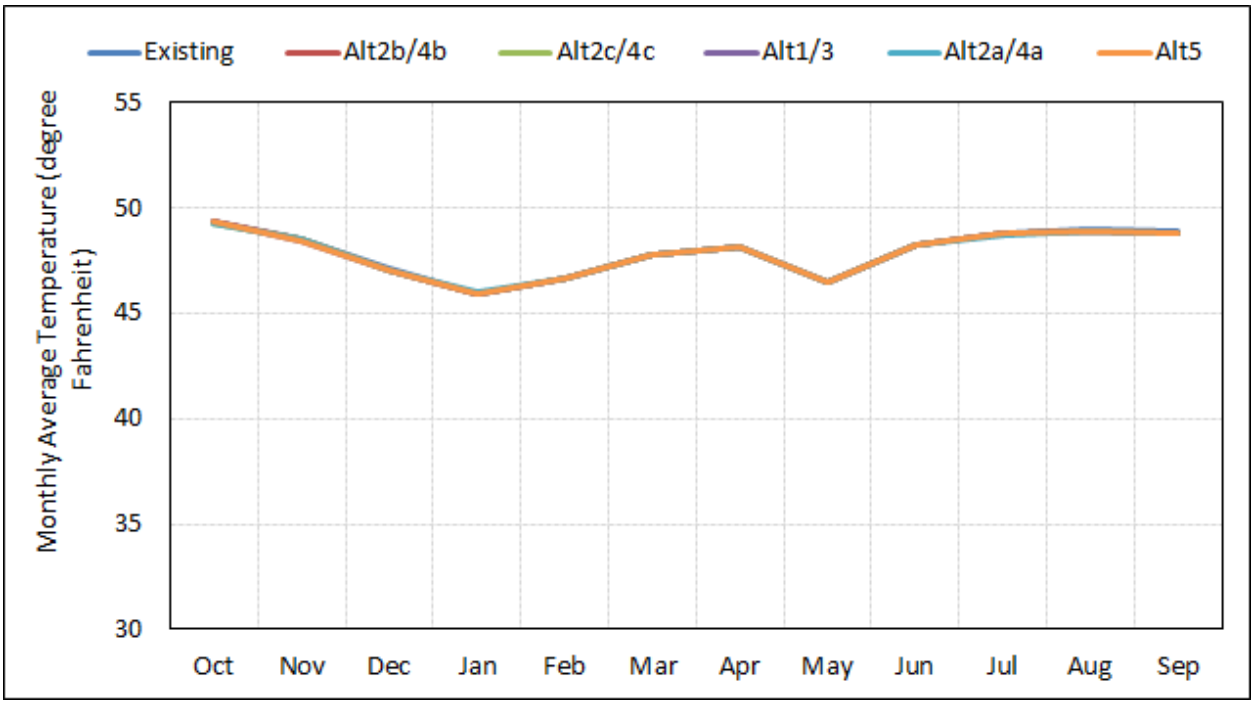


Figure 5A-D1.29.2. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

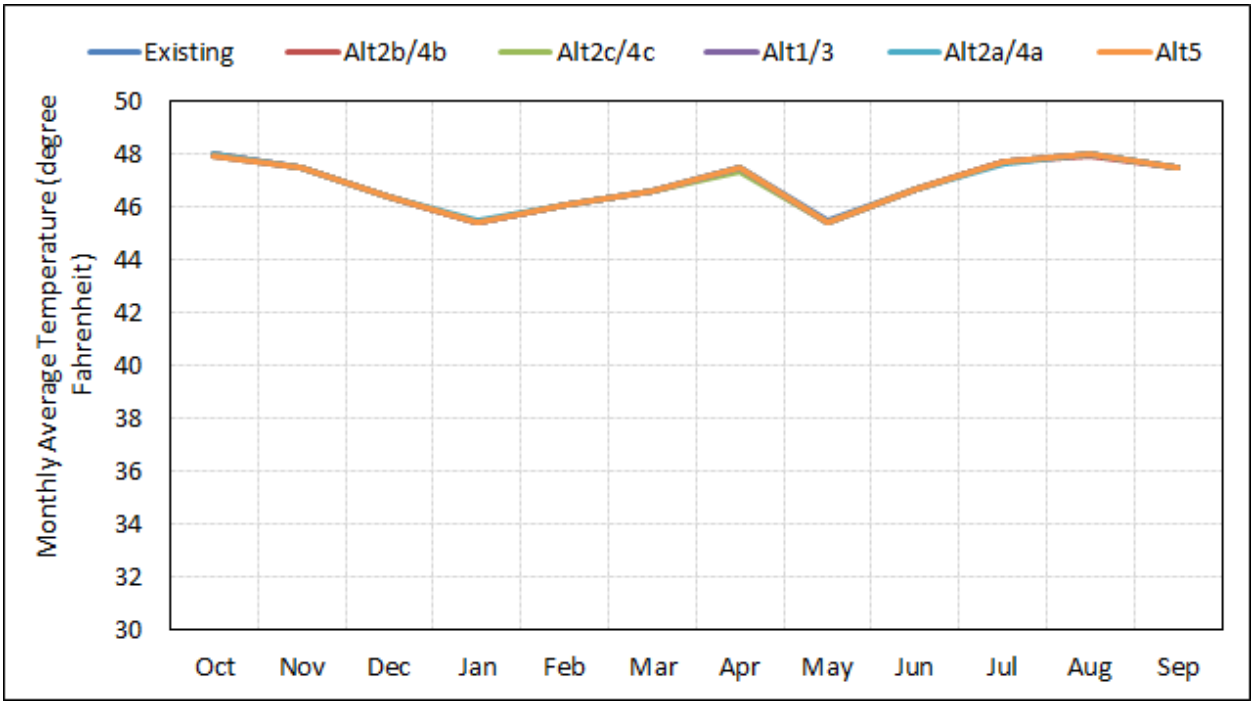


Figure 5A-D1.29.3. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for Above Normal Water Years, Existing Conditions

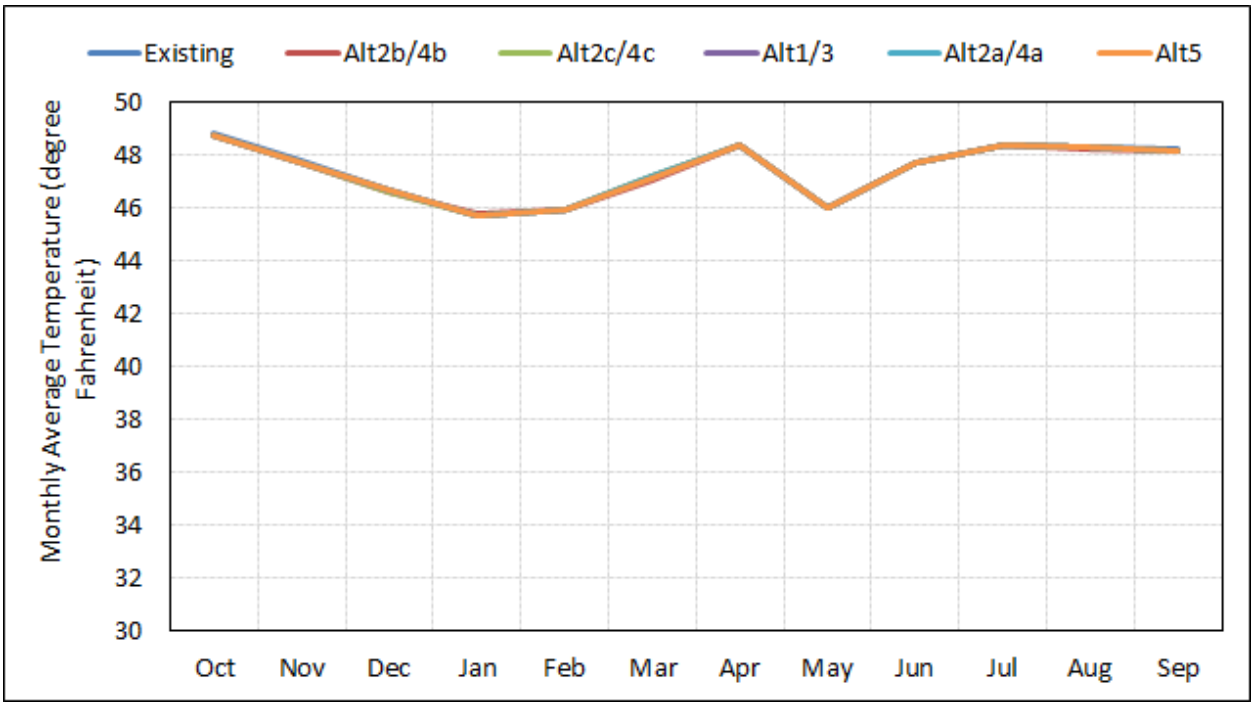


Figure 5A-D1.29.4. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

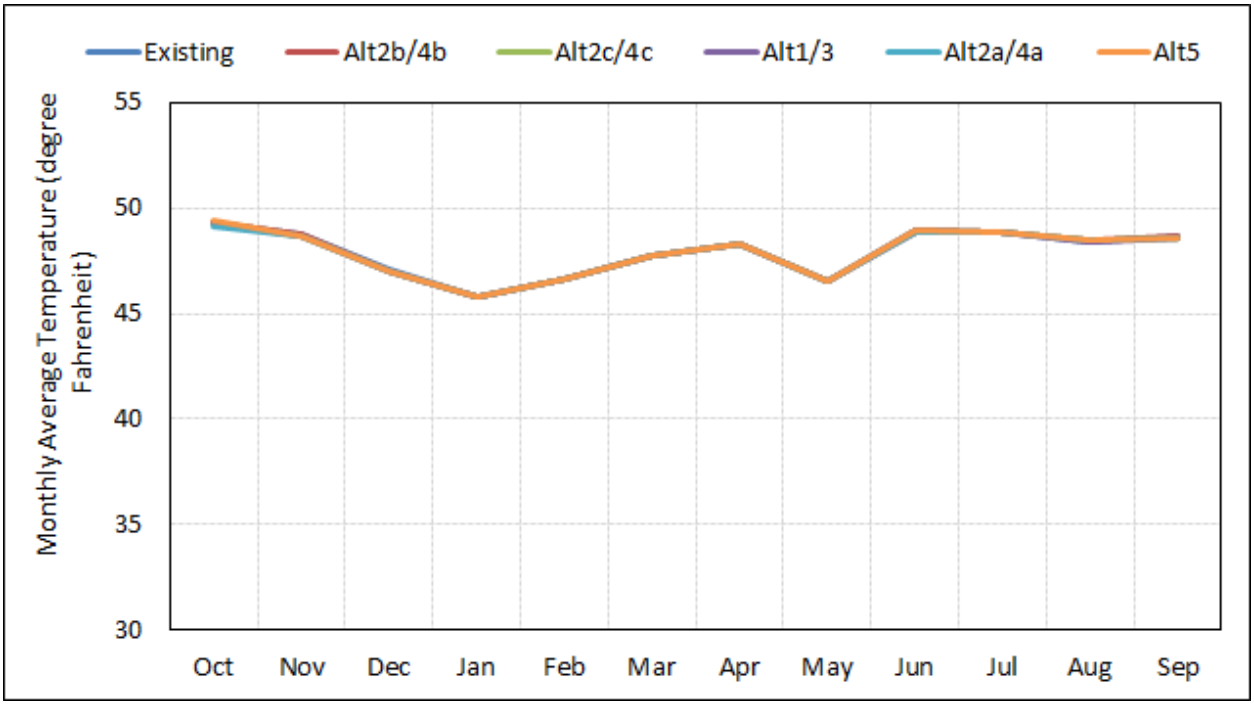


Figure 5A-D1.29.5. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

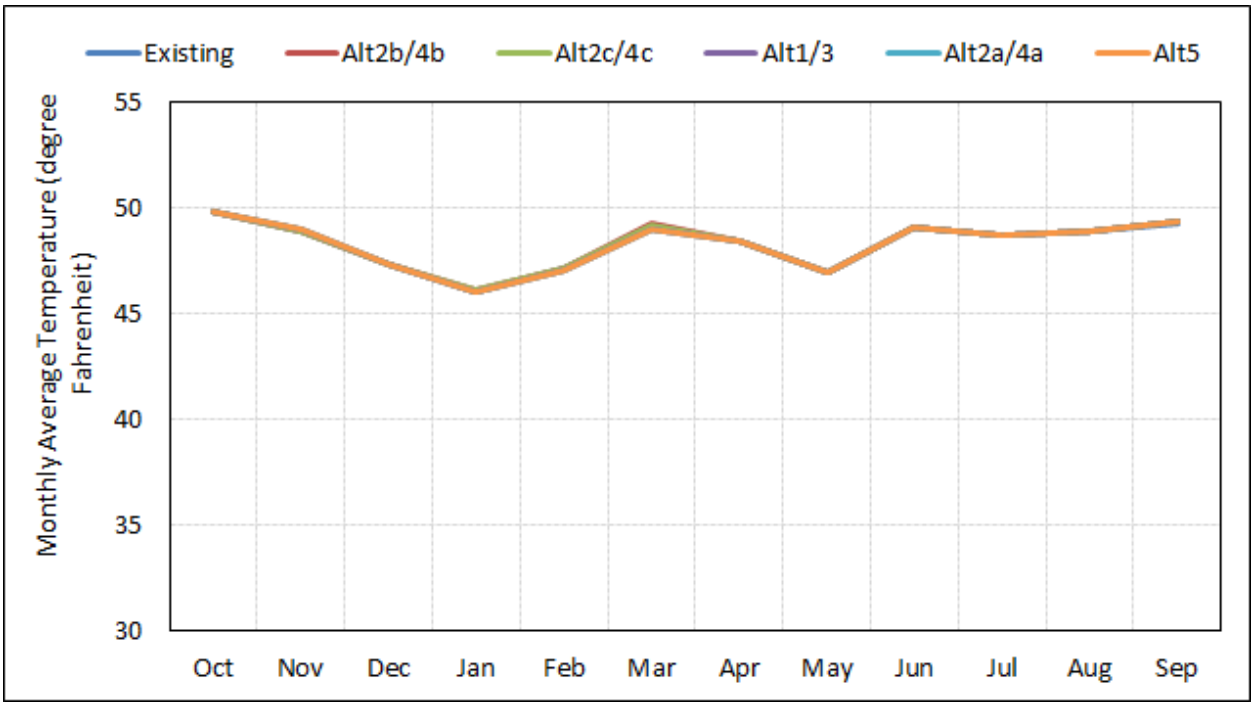


Figure 5A-D1.29.6. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

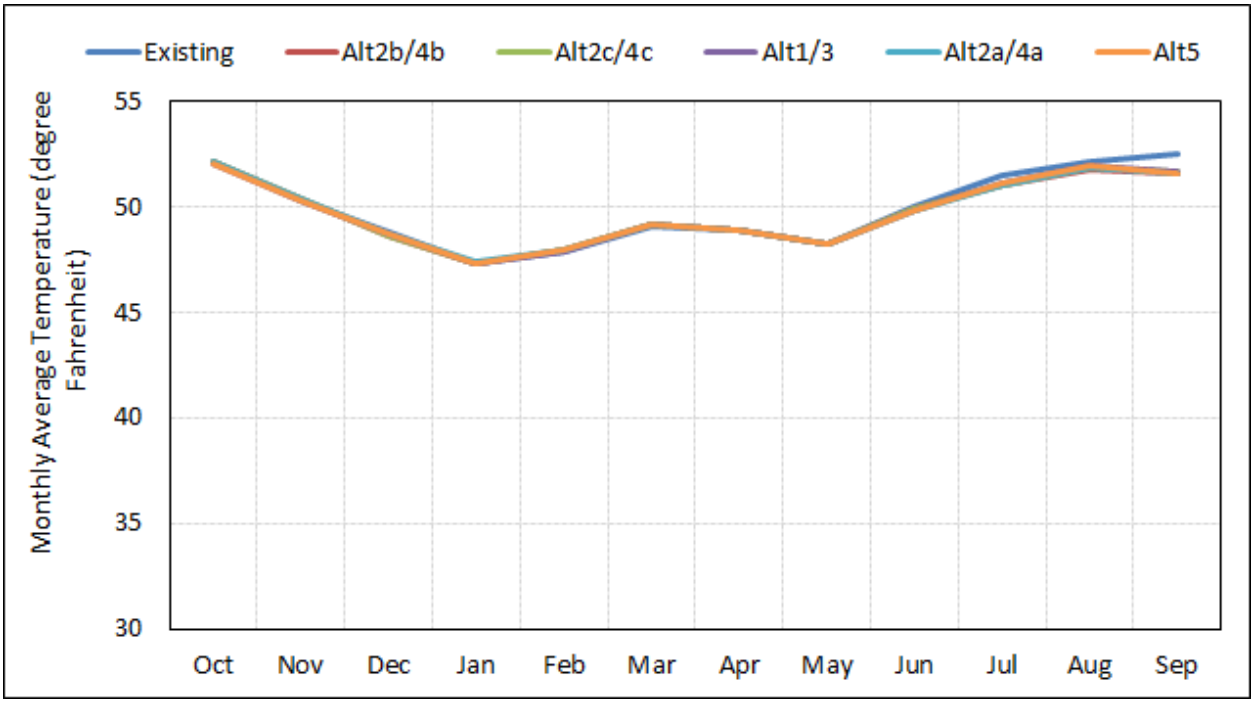


Figure 5A-D1.29.7. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

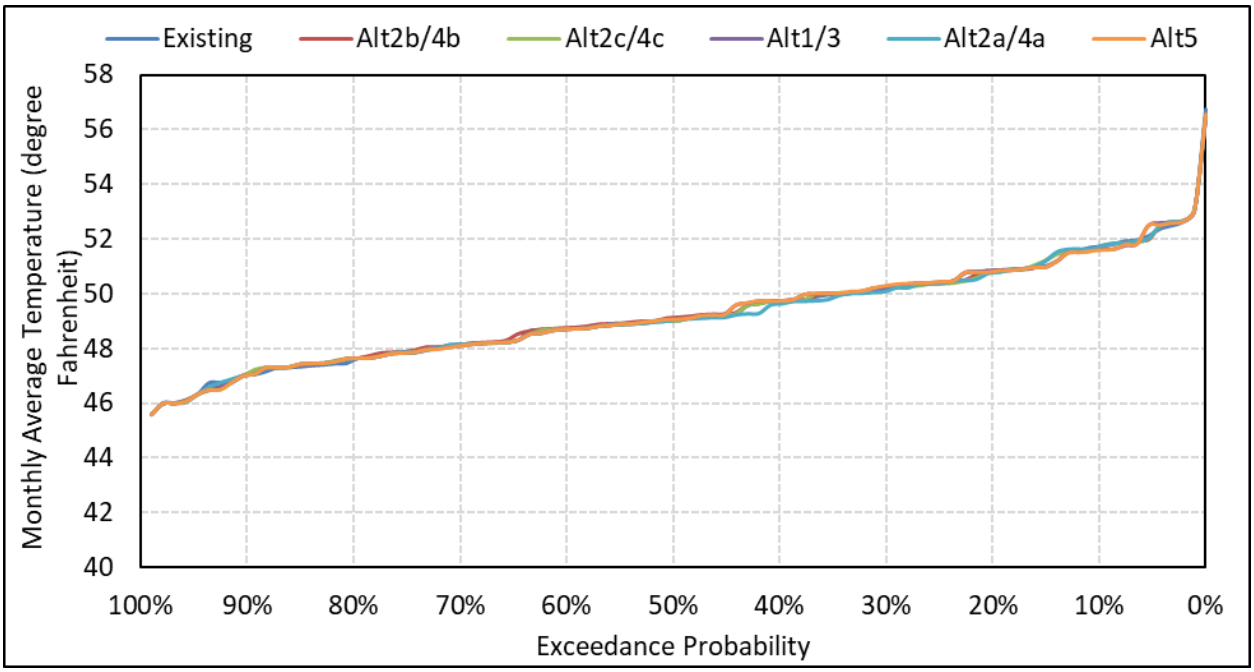


Figure 5A-D1.29.8. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

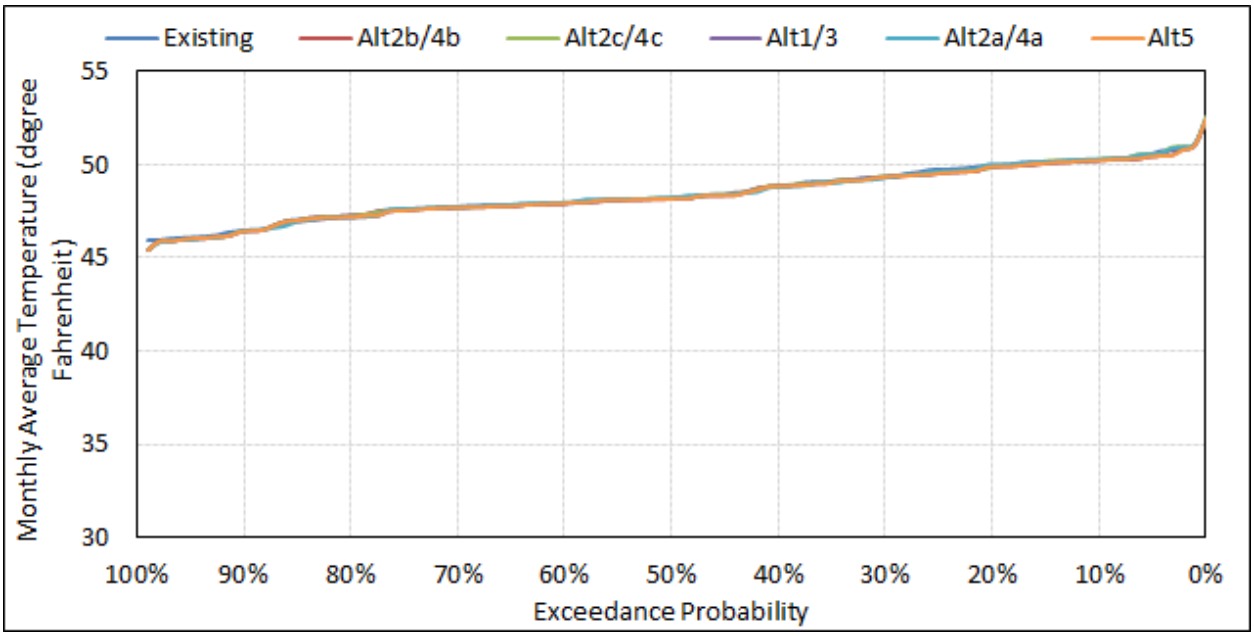


Figure 5A-D1.29.9. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

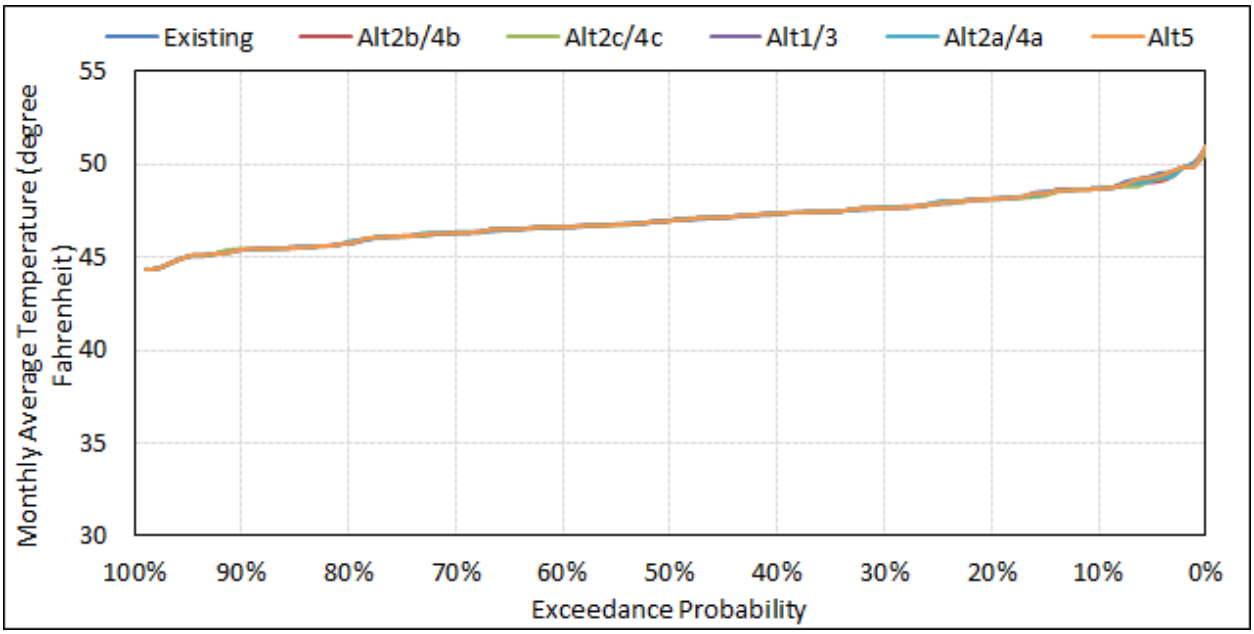


Figure 5A-D1.29.10. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

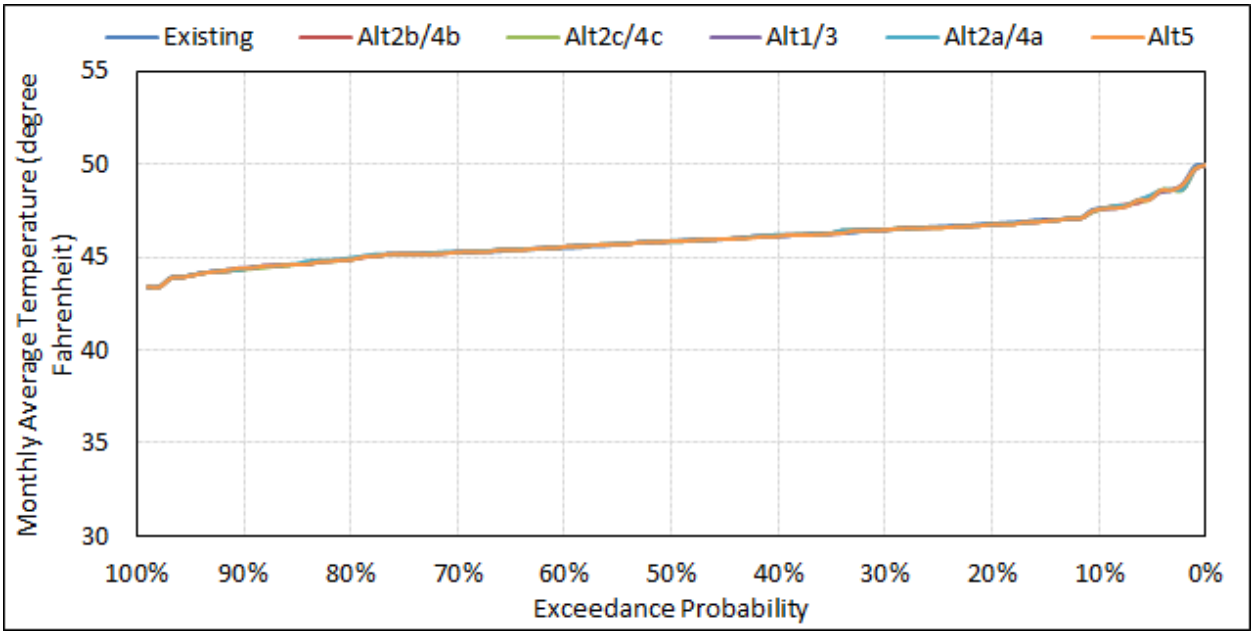


Figure 5A-D1.29.11. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

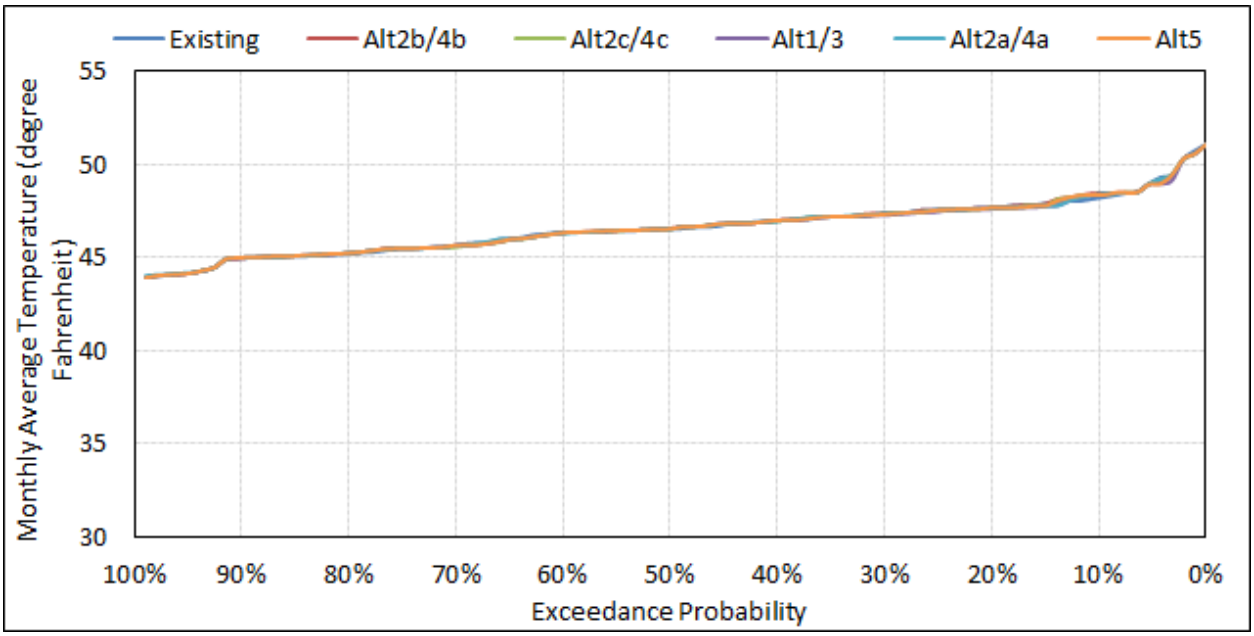


Figure 5A-D1.29.12. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

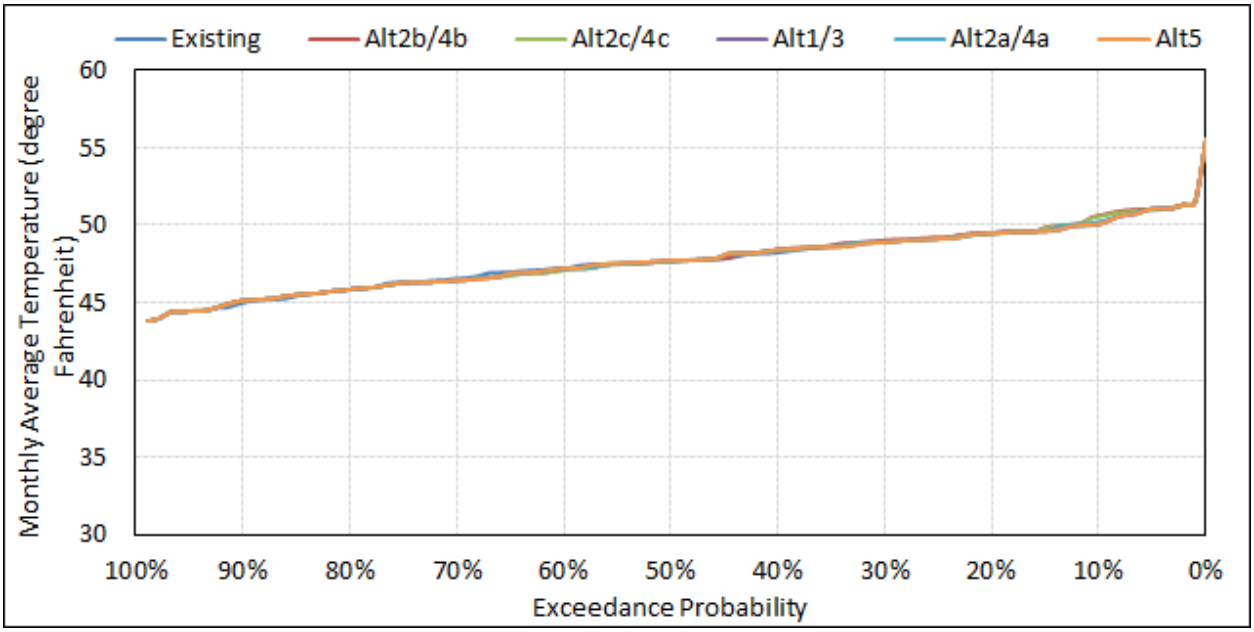


Figure 5A-D1.29.13. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

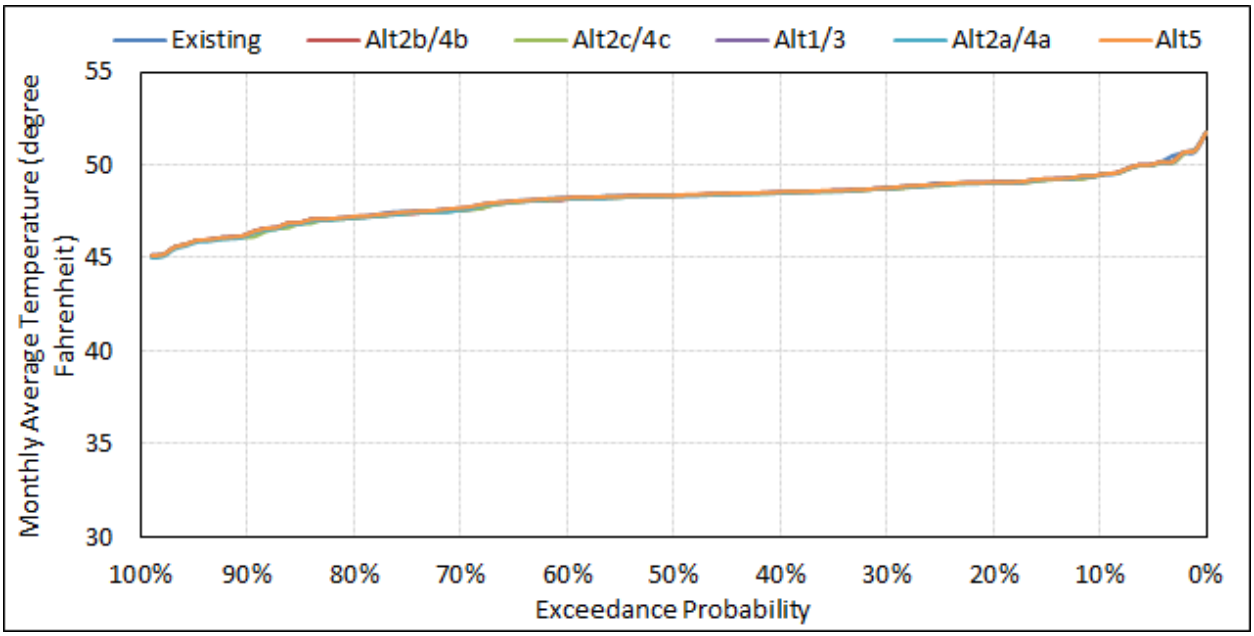


Figure 5A-D1.29.14. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

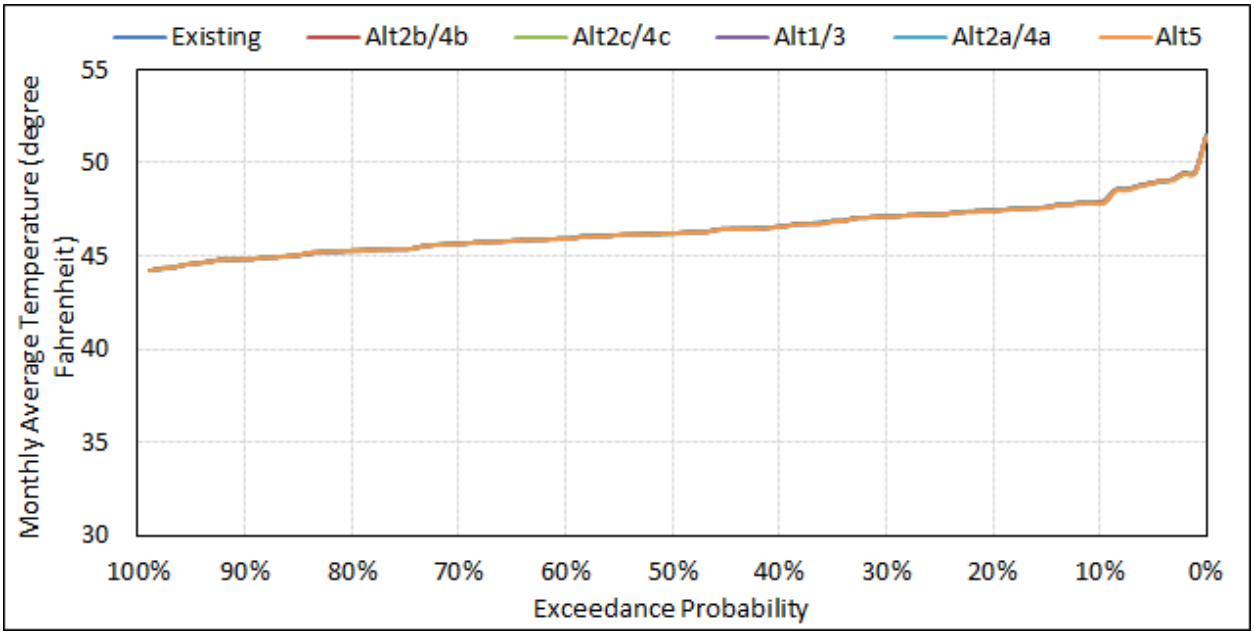


Figure 5A-D1.29.15. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

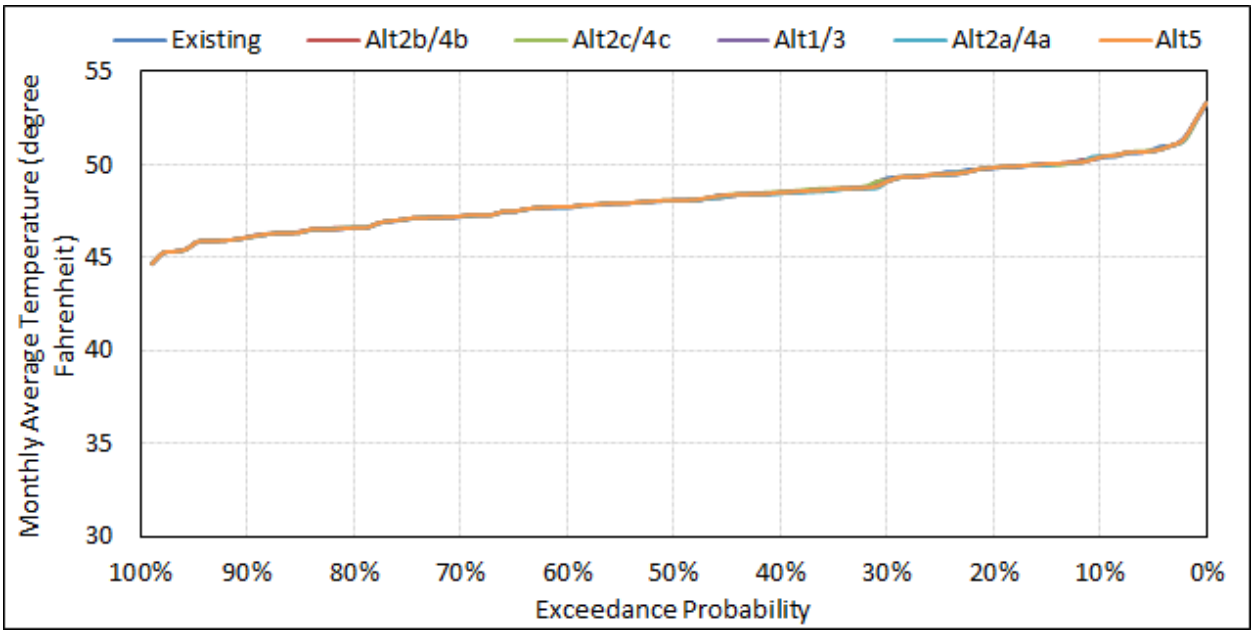


Figure 5A-D1.29.16. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

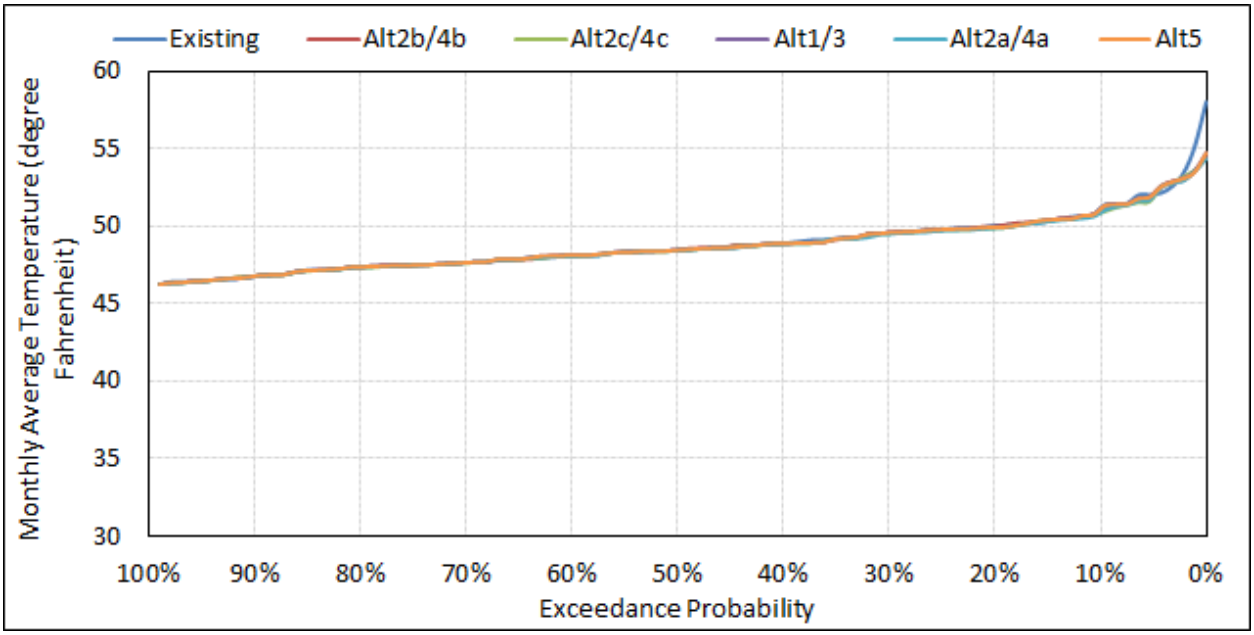


Figure 5A-D1.29.17. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

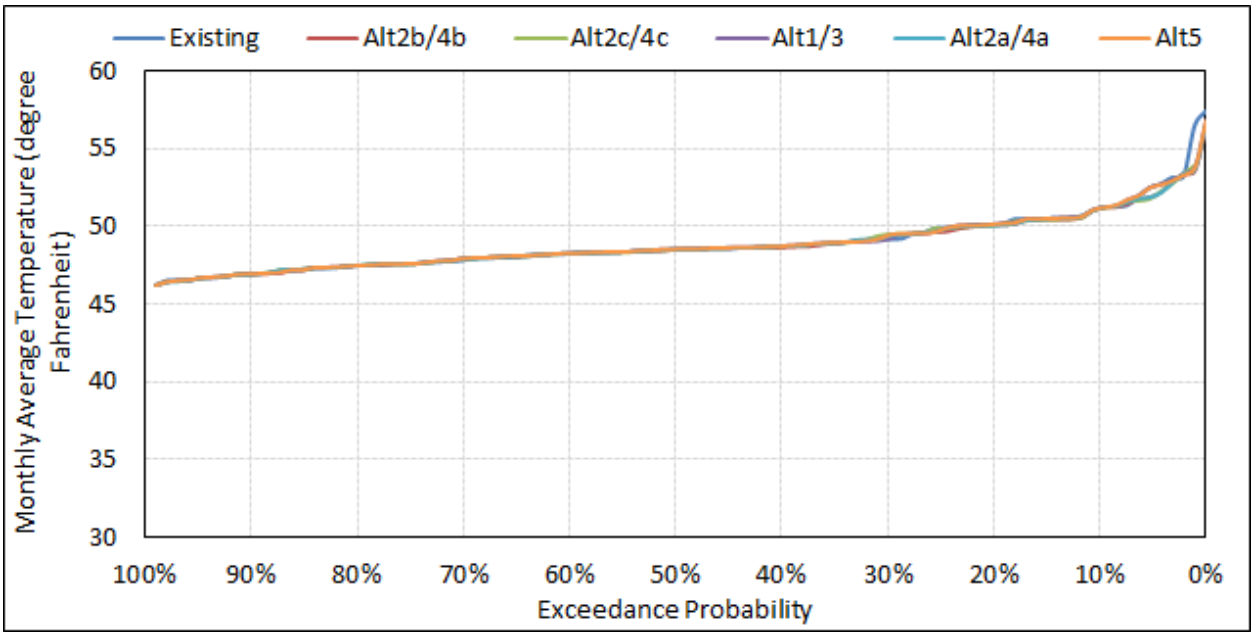


Figure 5A-D1.29.18. Trinity River Above Lewiston, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

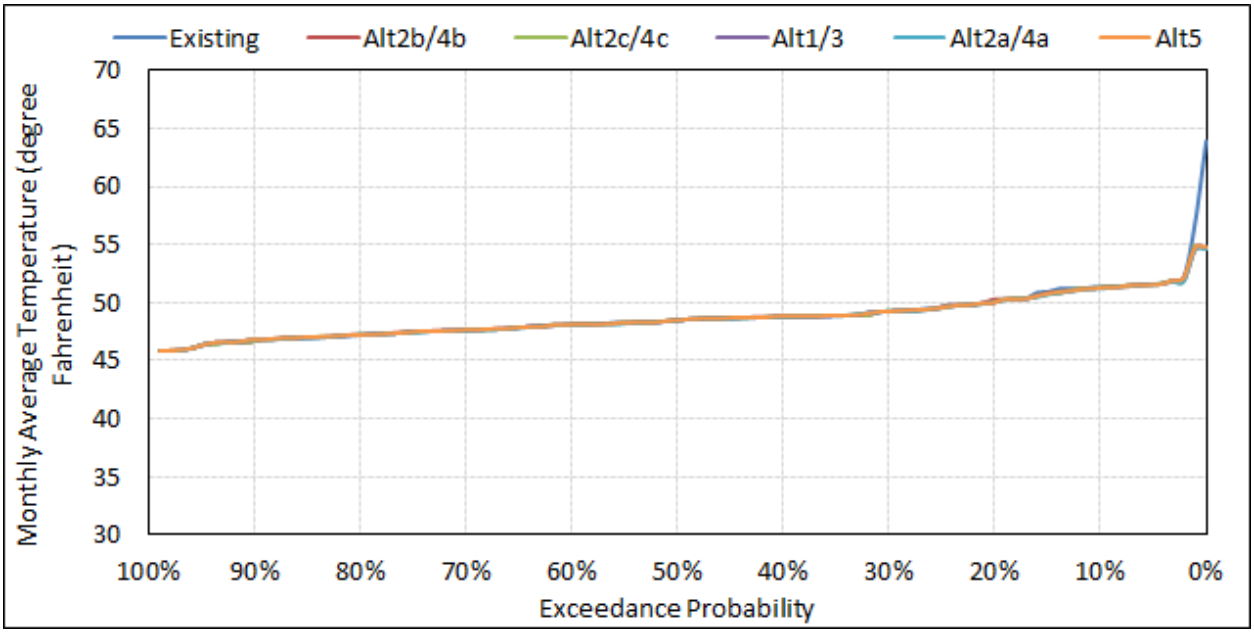
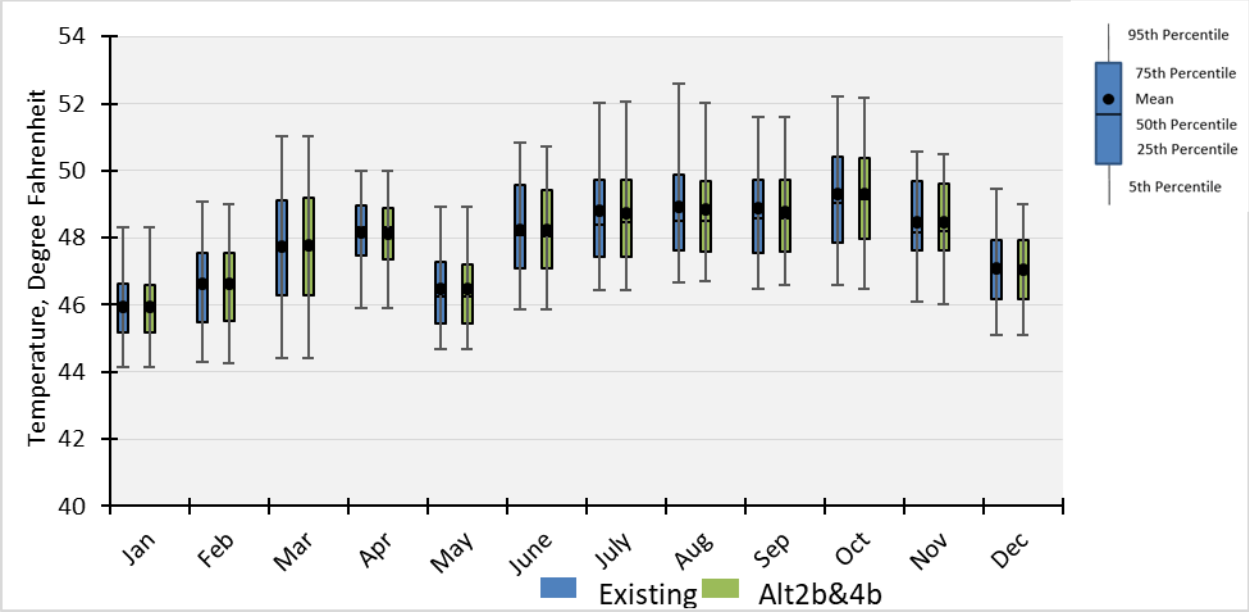


Figure 5A-D1.29.19. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



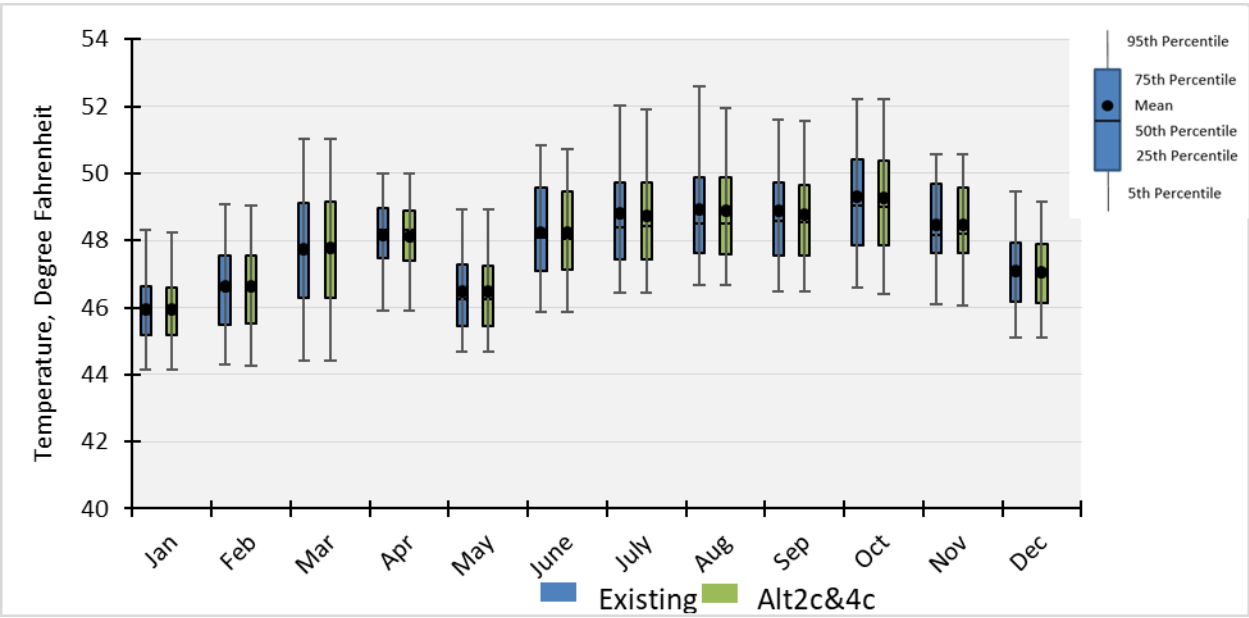
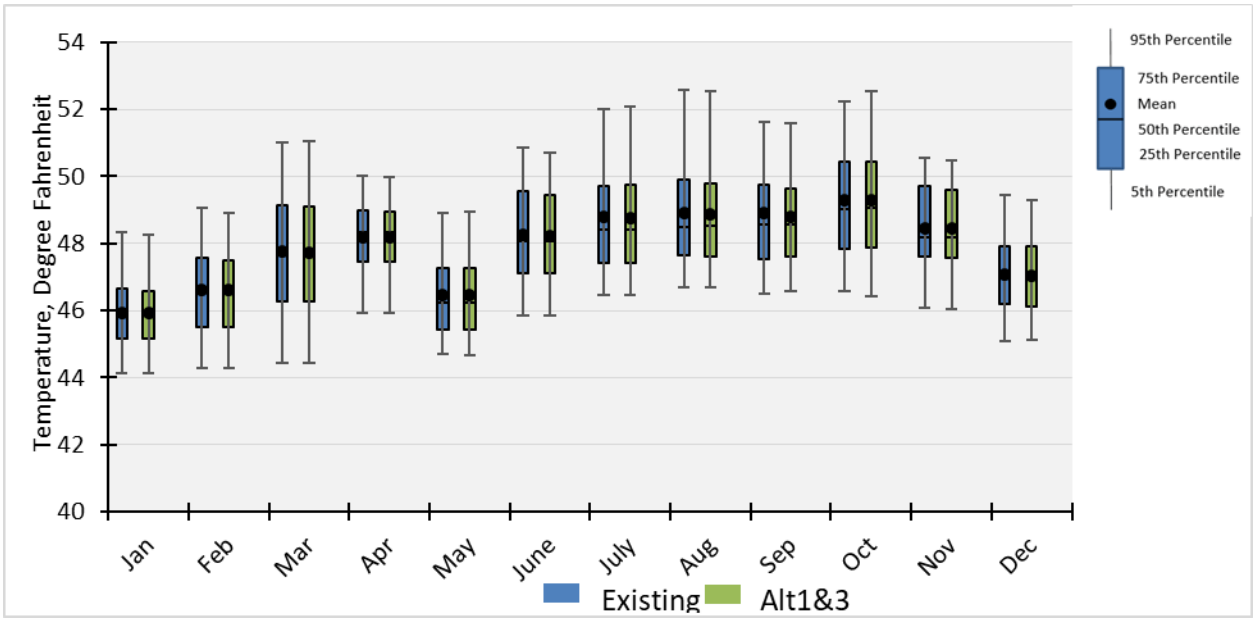


Figure 5A-D1.29.20. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



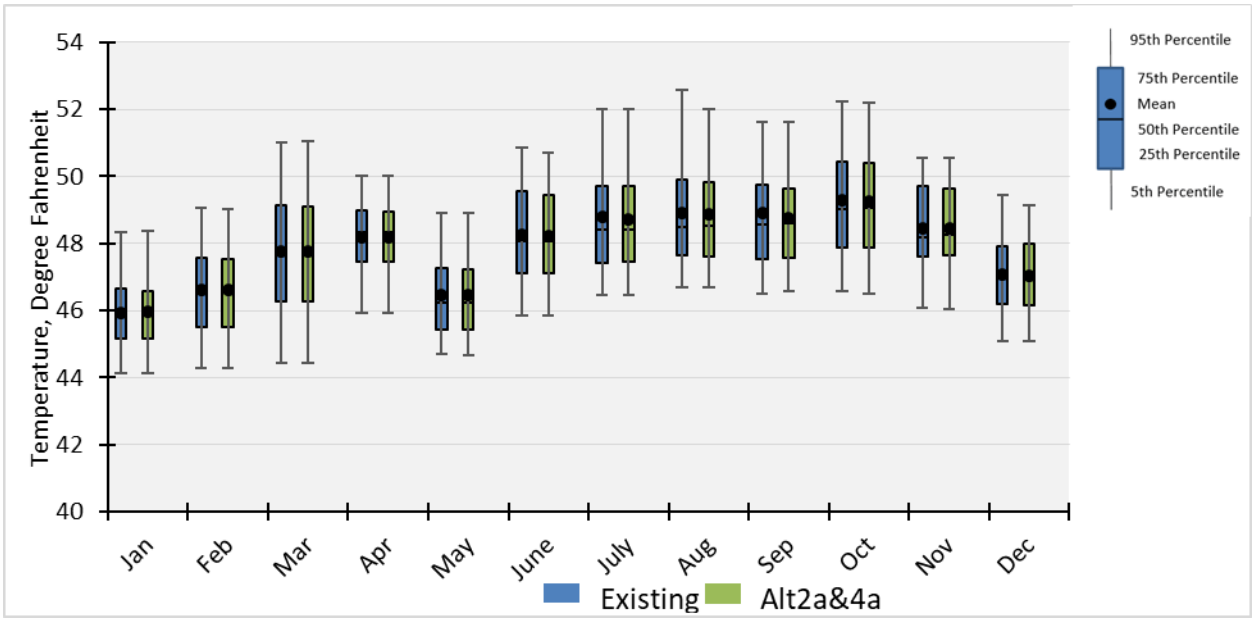


Figure 5A-D1.29.21. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

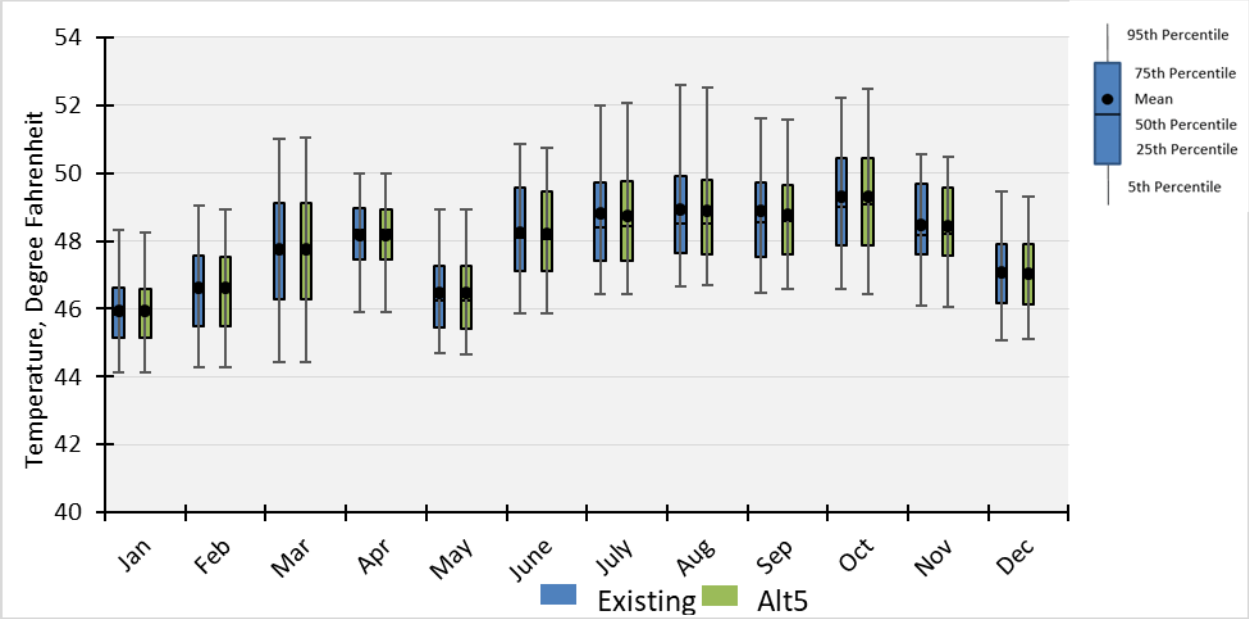
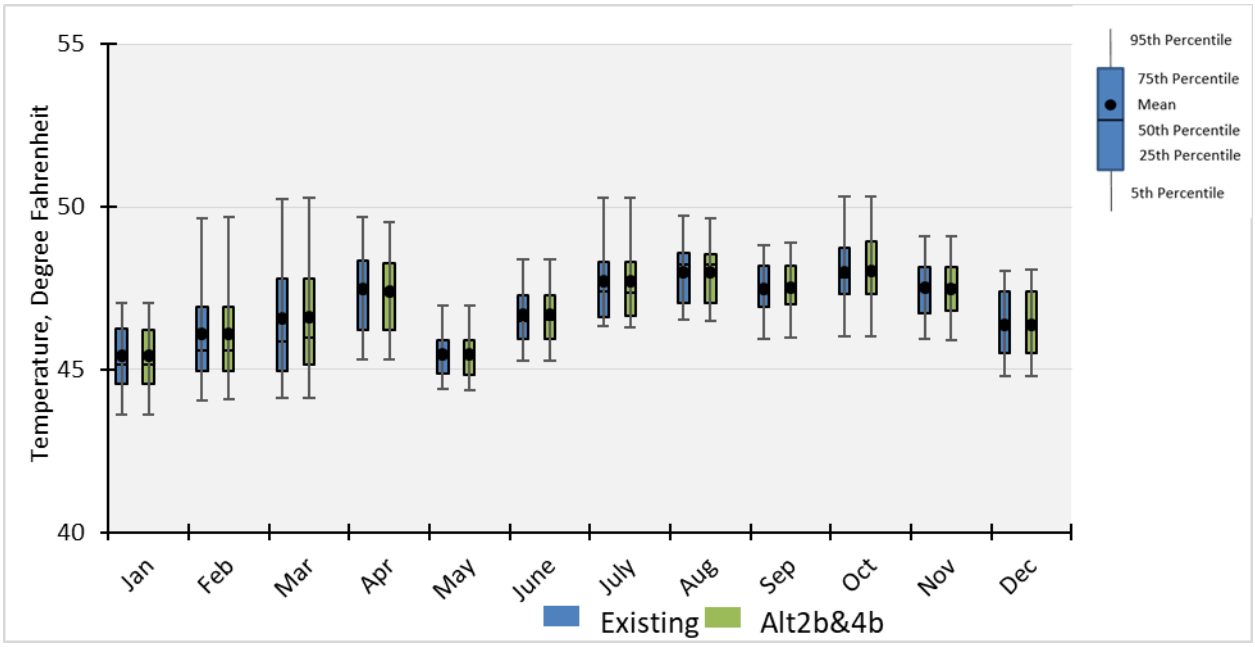


Figure 5A-D1.29.22. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



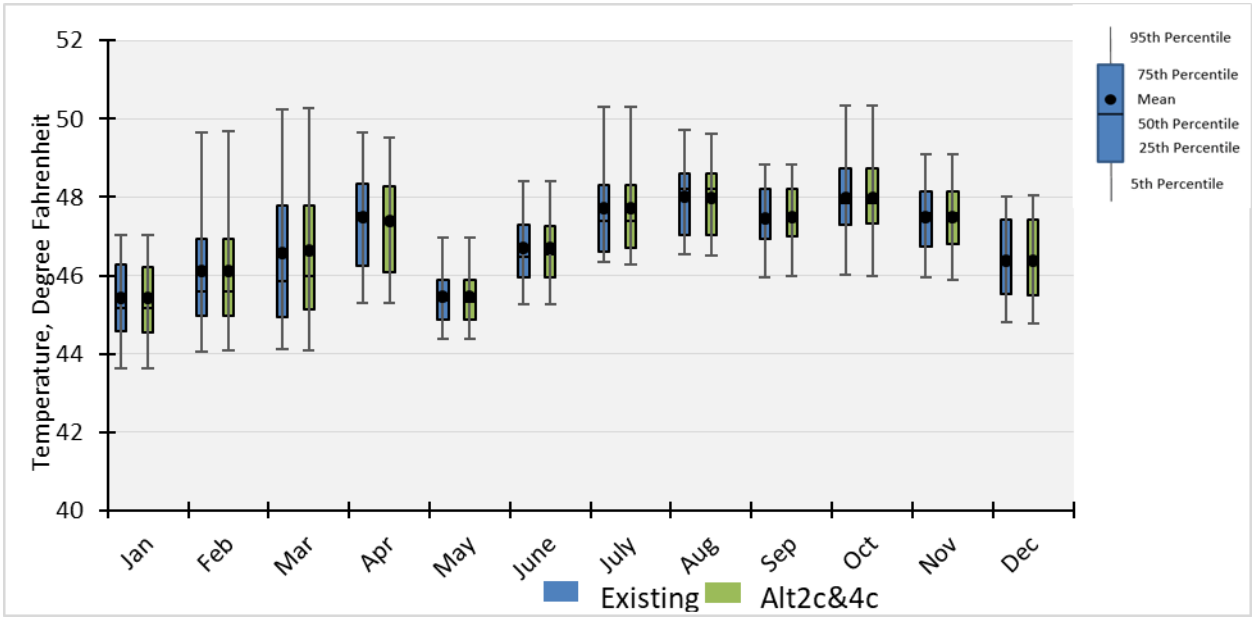
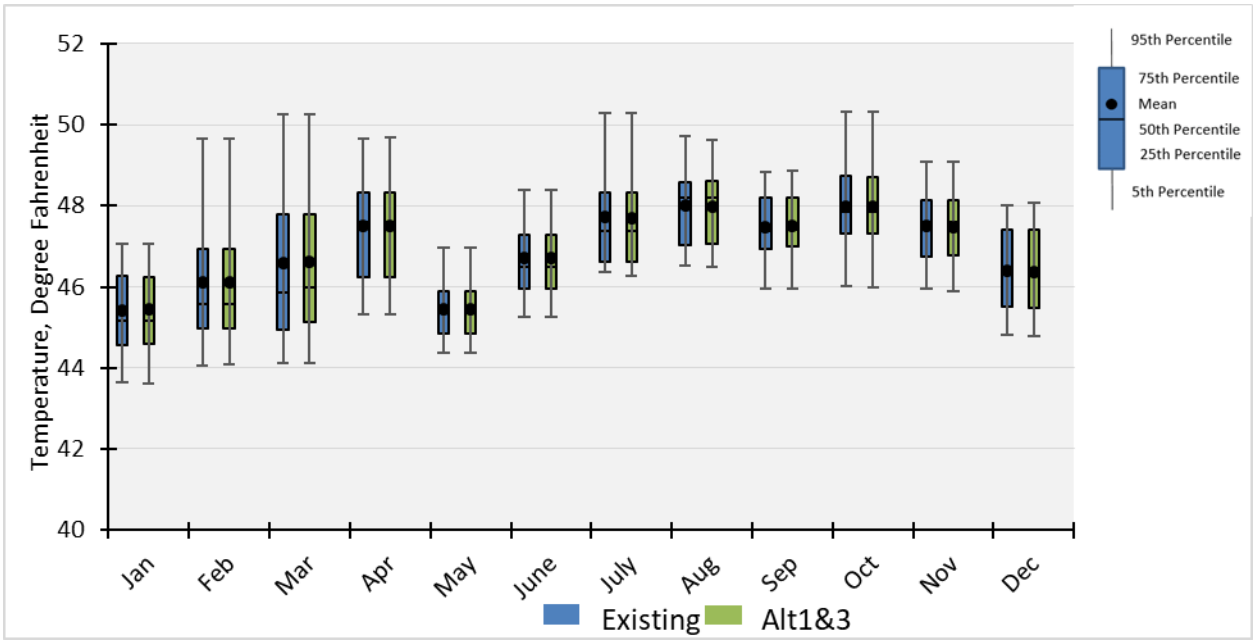


Figure 5A-D1.29.23. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



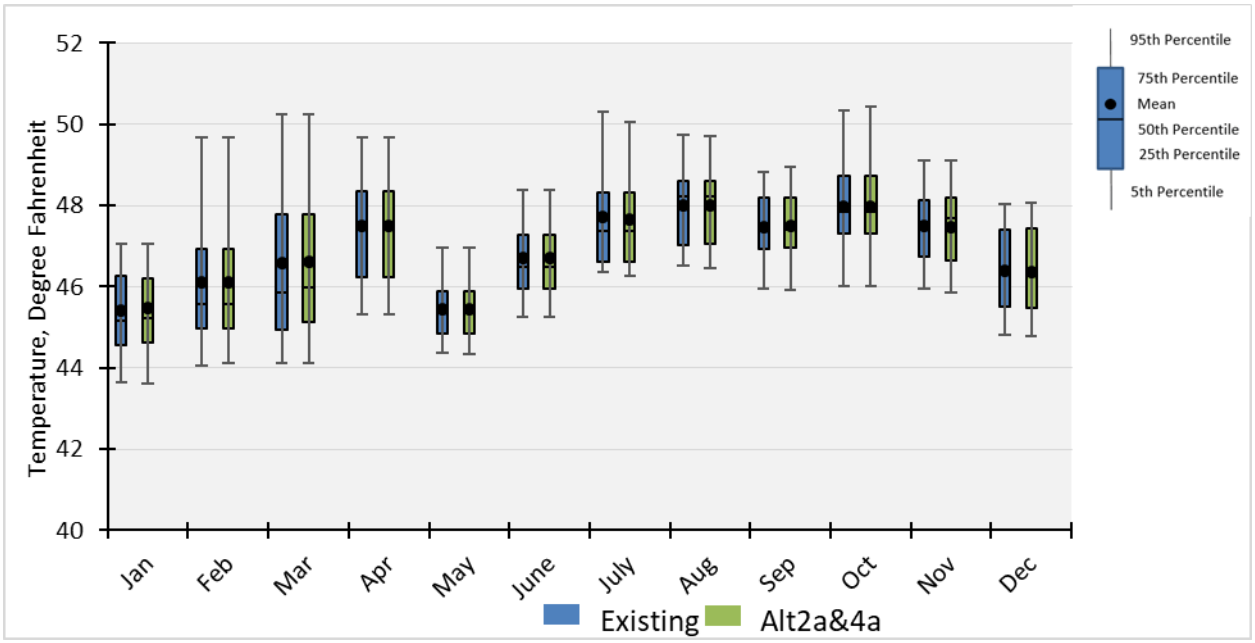


Figure 5A-D1.29.24. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

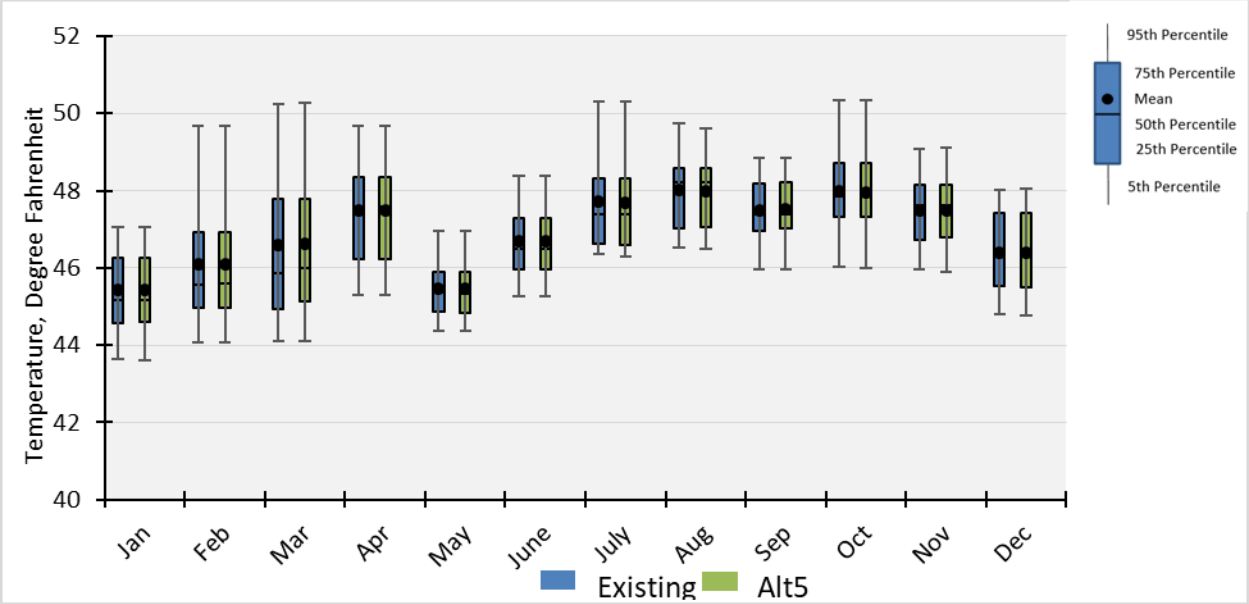
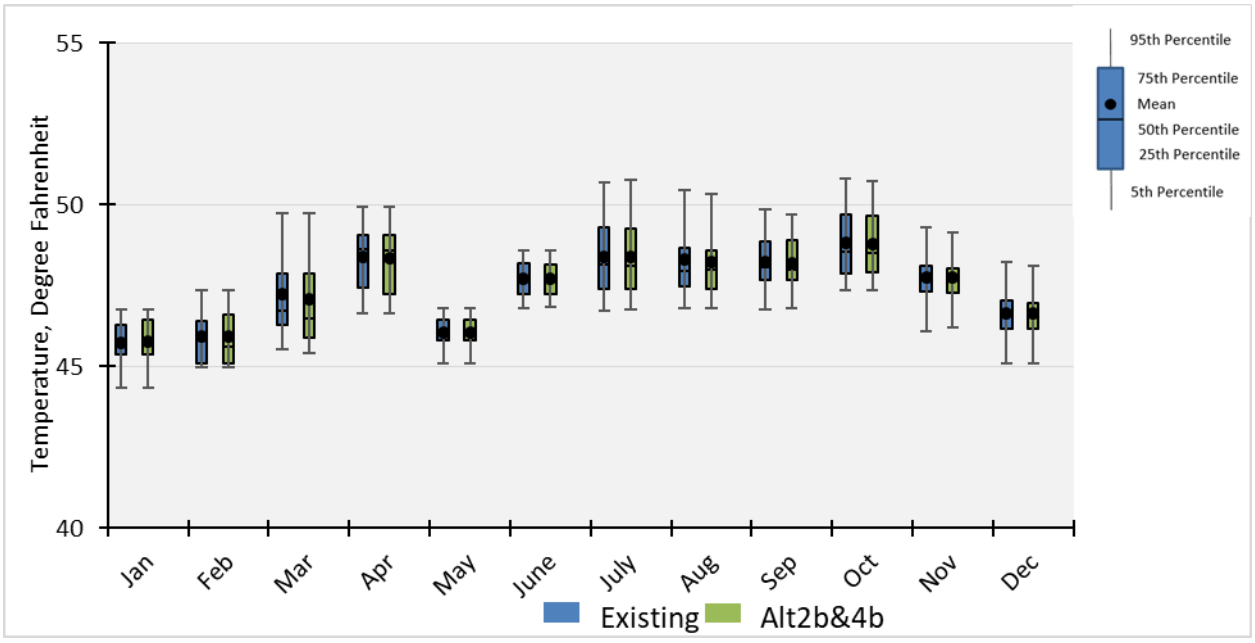


Figure 5A-D1.29.25. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



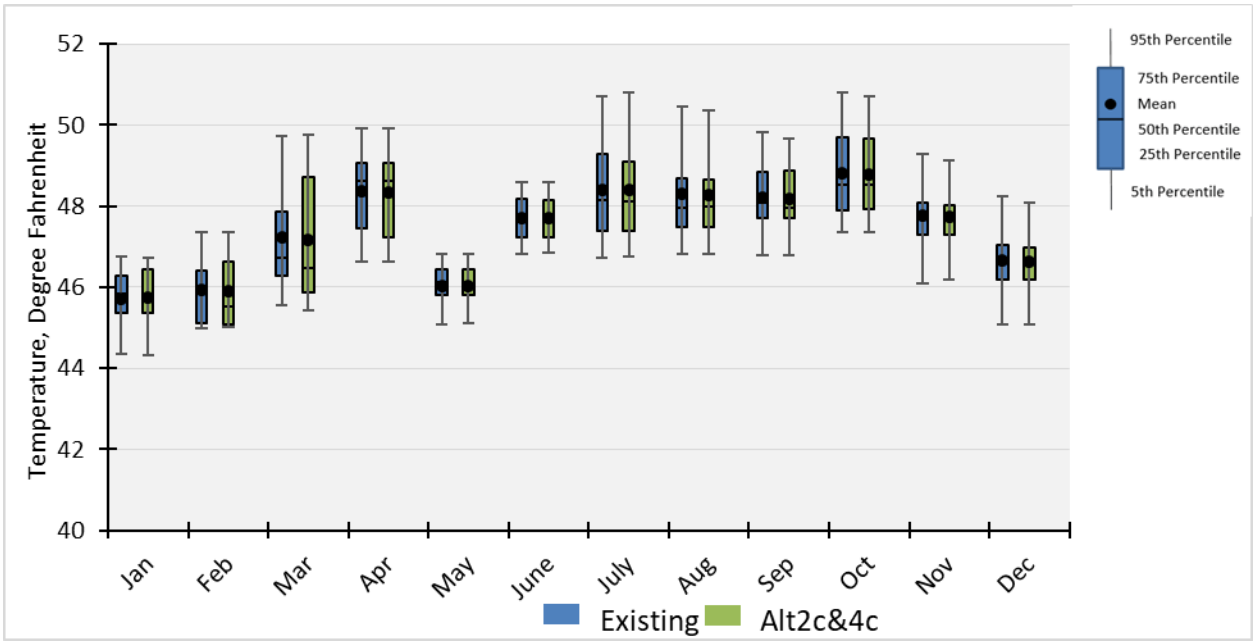
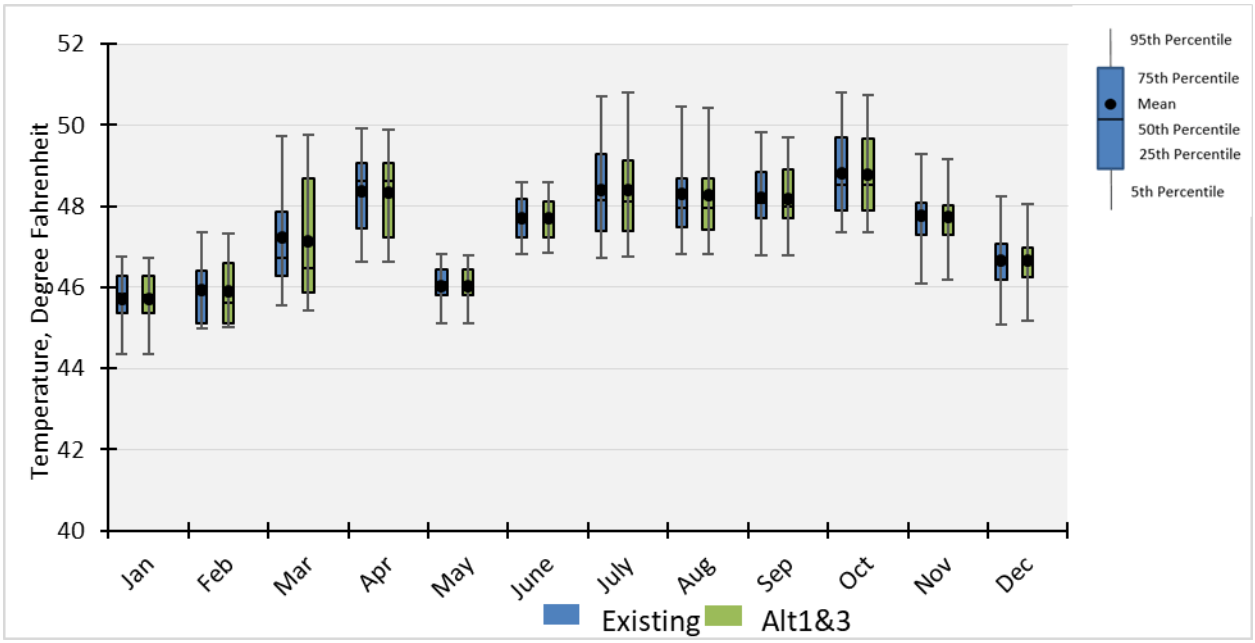


Figure 5A-D1.29.26. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



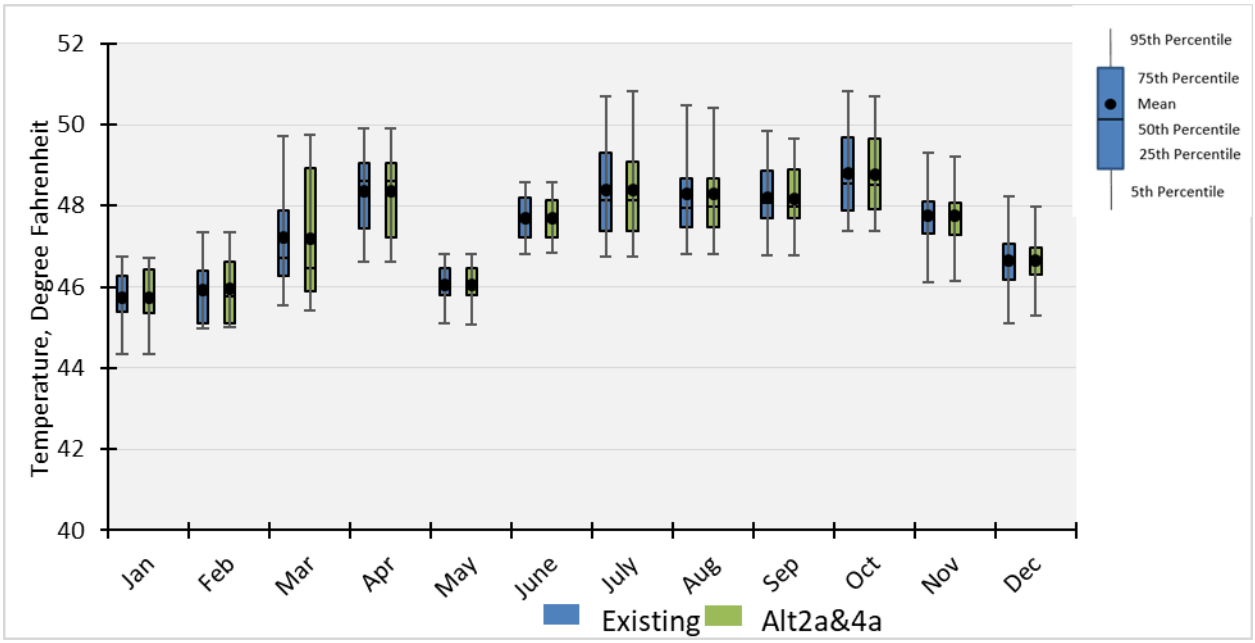


Figure 5A-D1.29.27. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

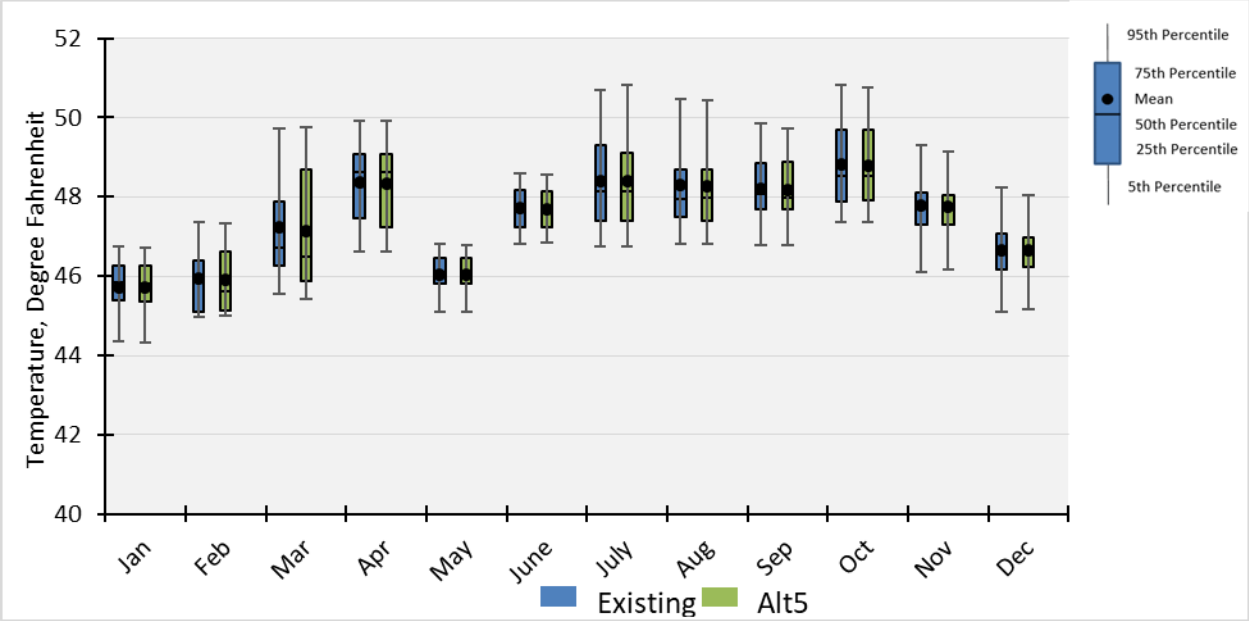
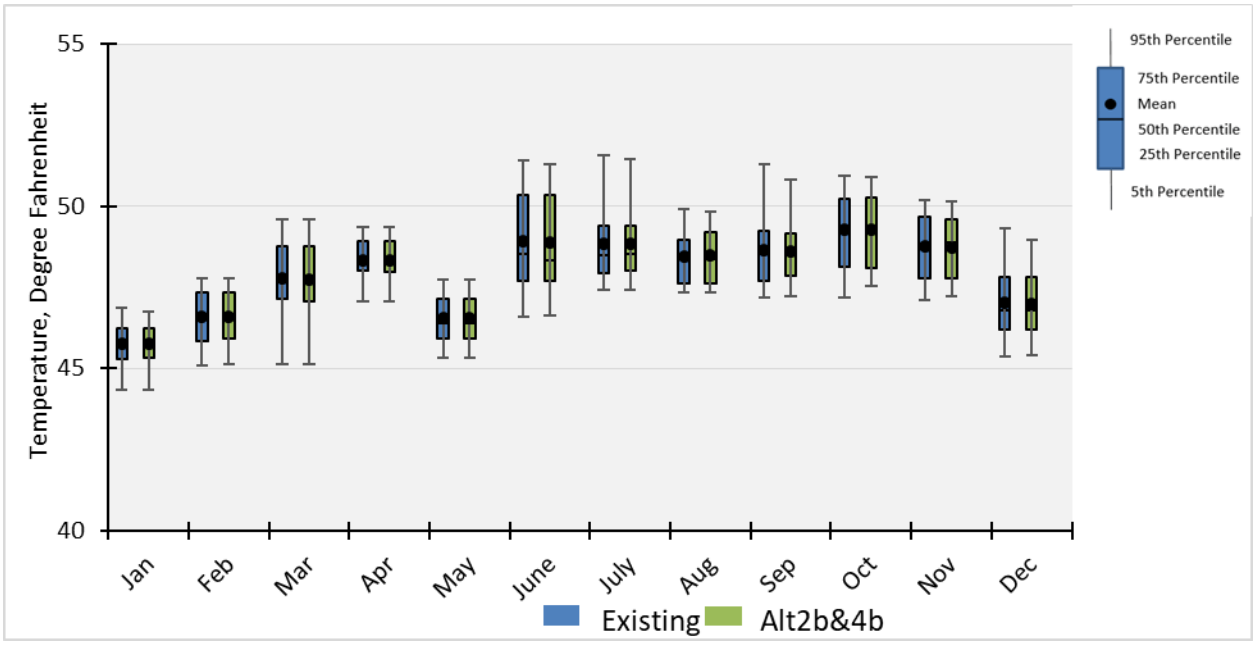


Figure 5A-D1.29.28. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



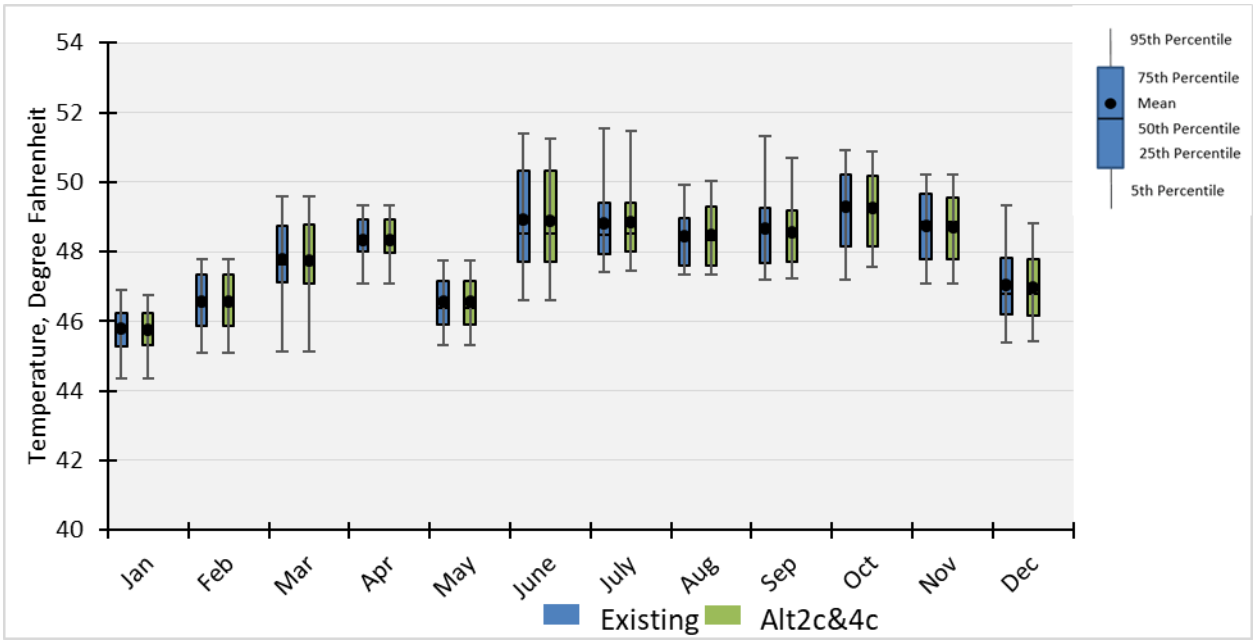
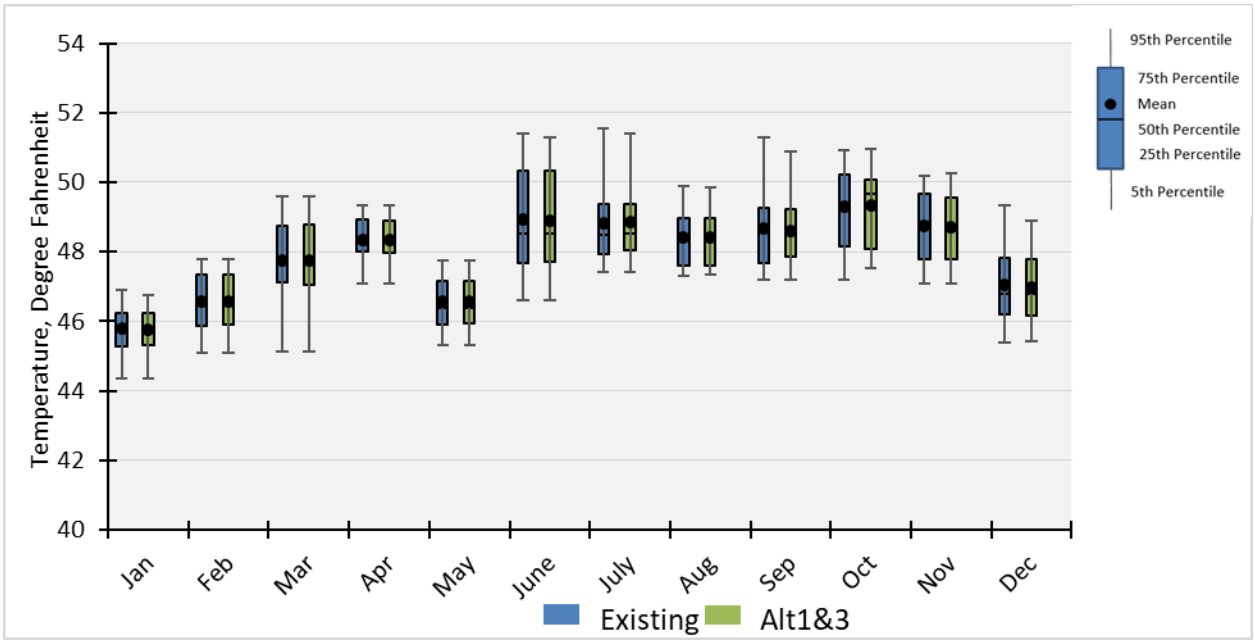


Figure 5A-D1.29.29. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



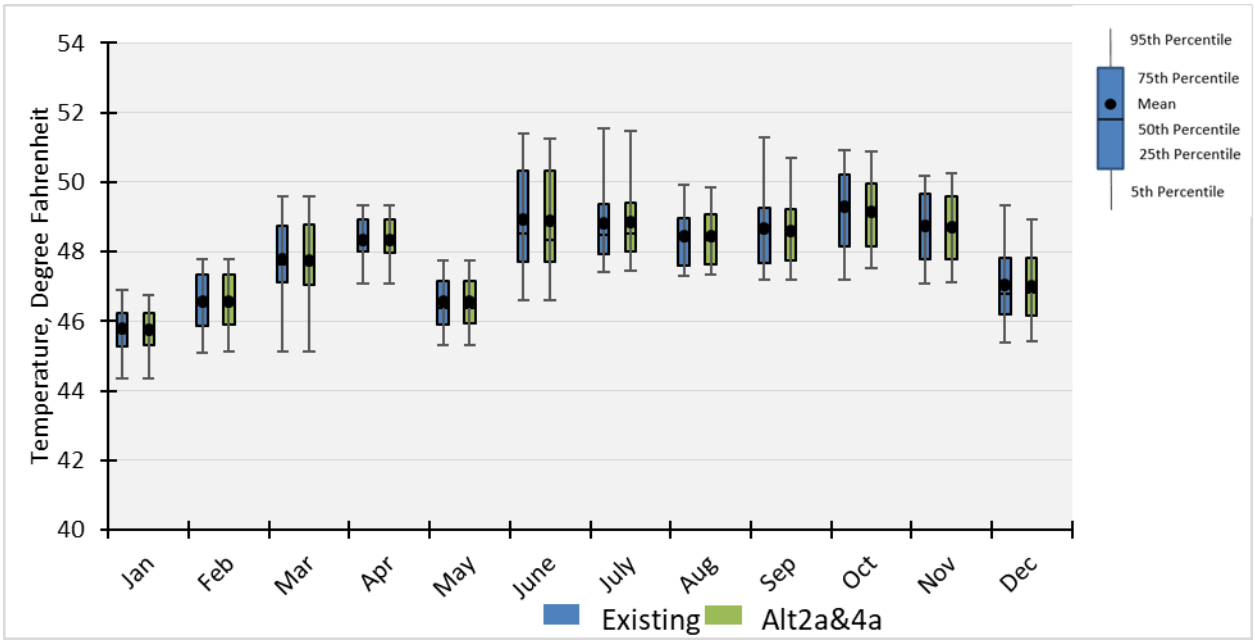


Figure 5A-D1.29.30. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

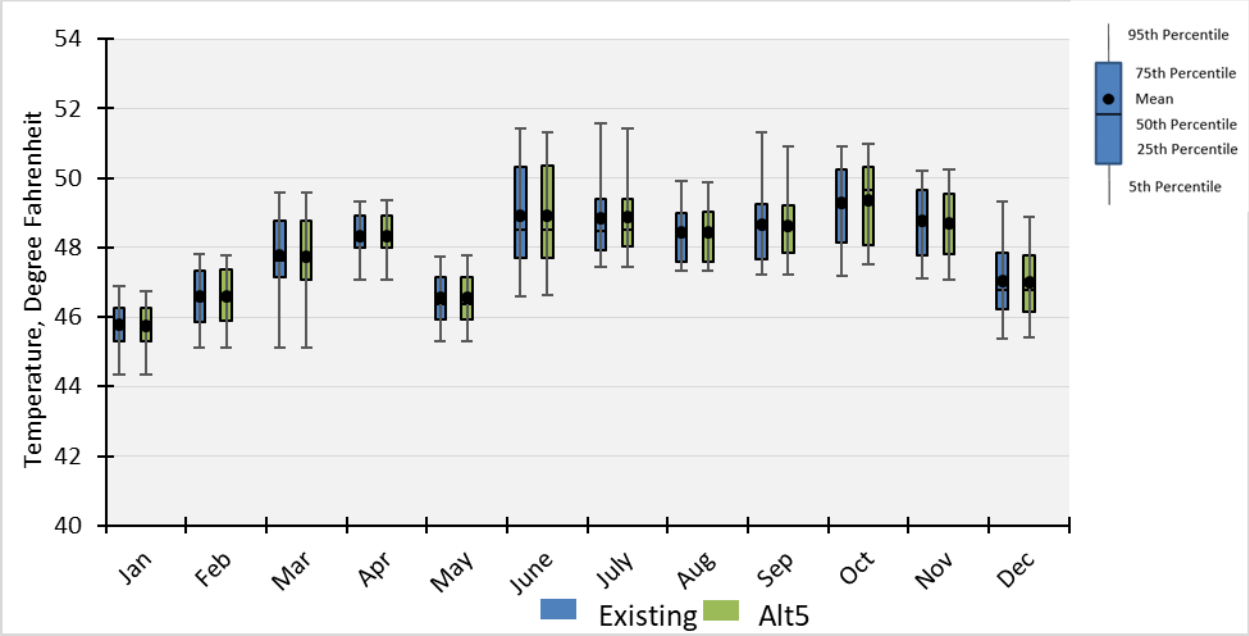
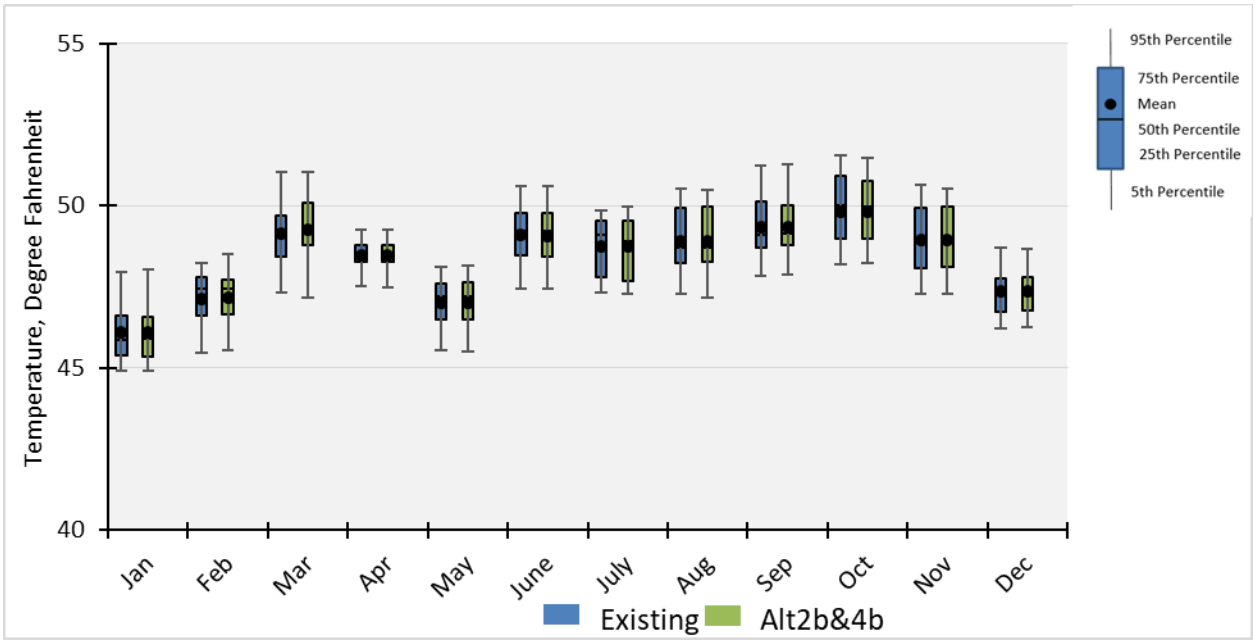


Figure 5A-D1.29.31. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



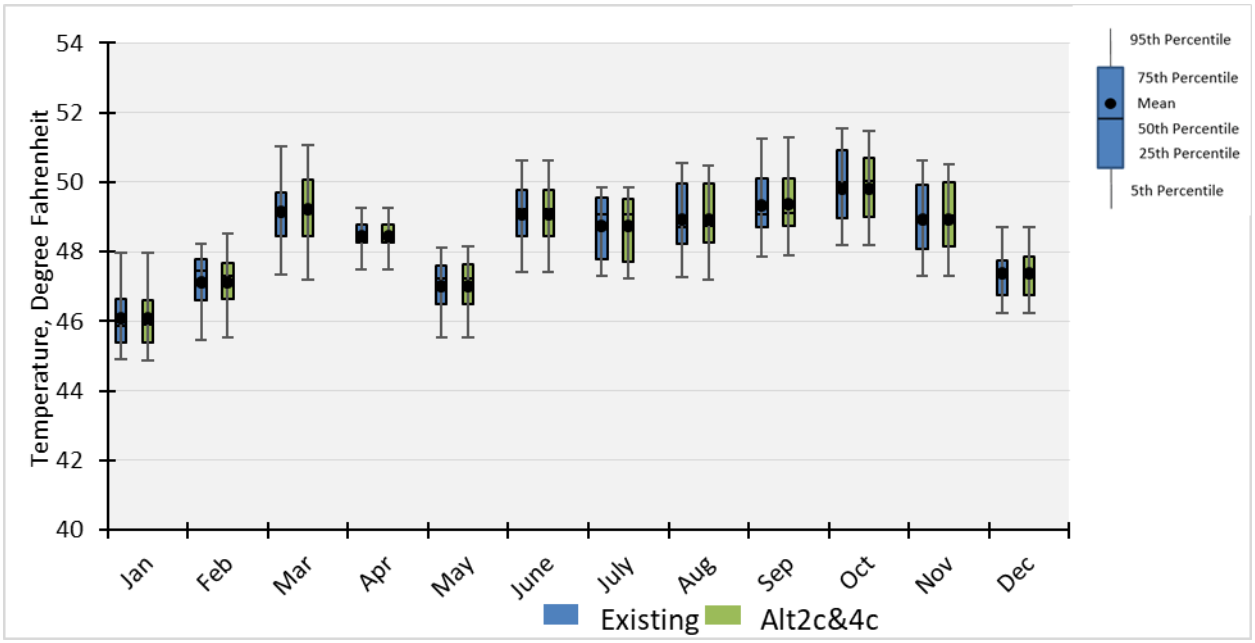
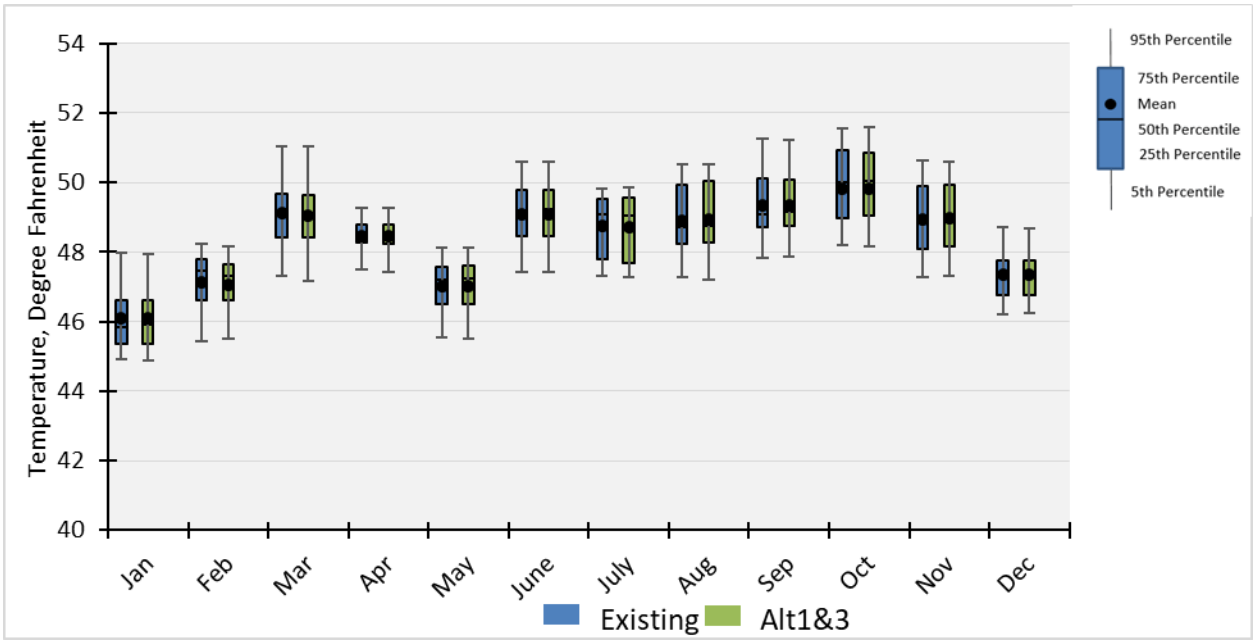


Figure 5A-D1.29.32. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



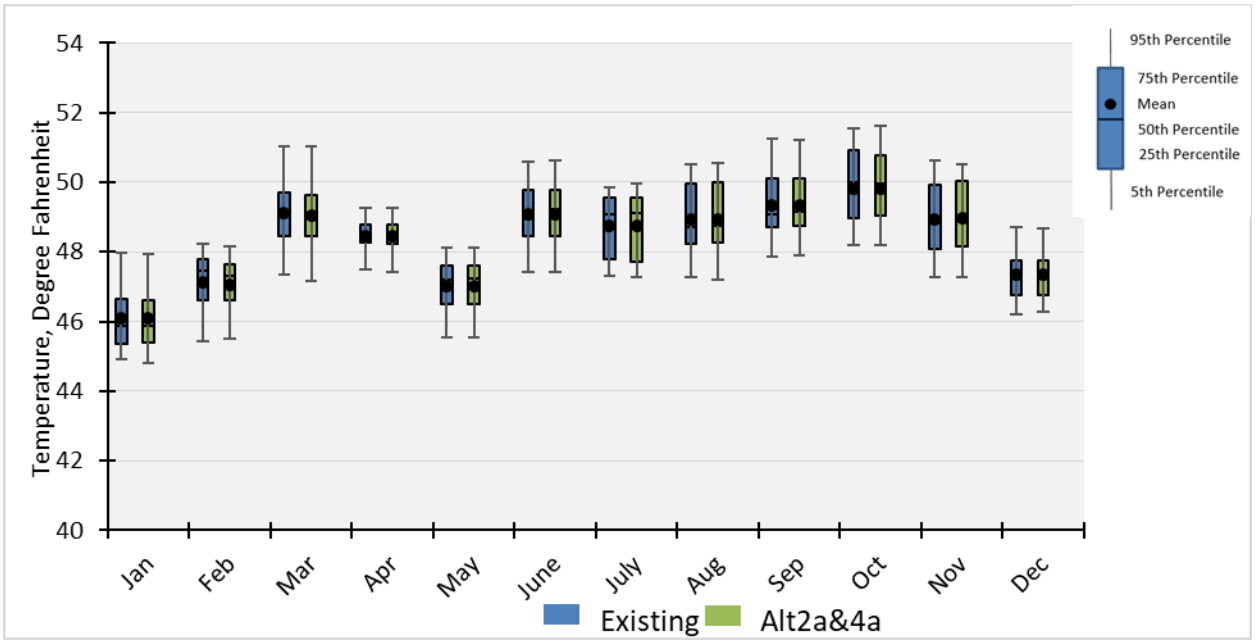


Figure 5A-D1.29.33. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

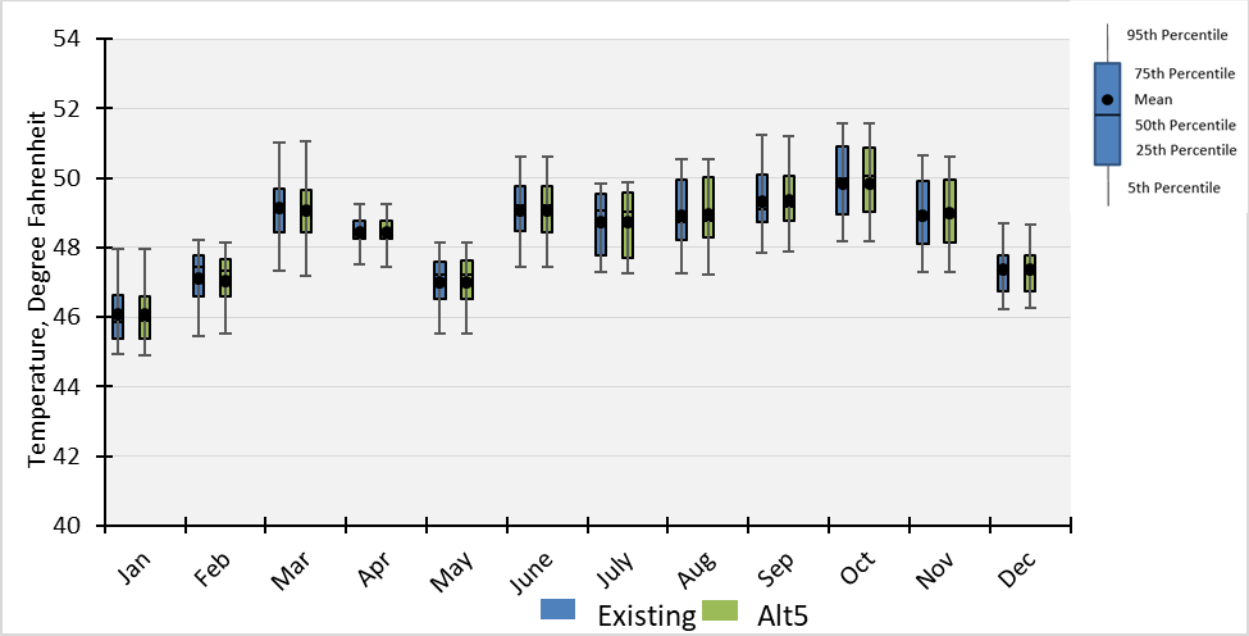
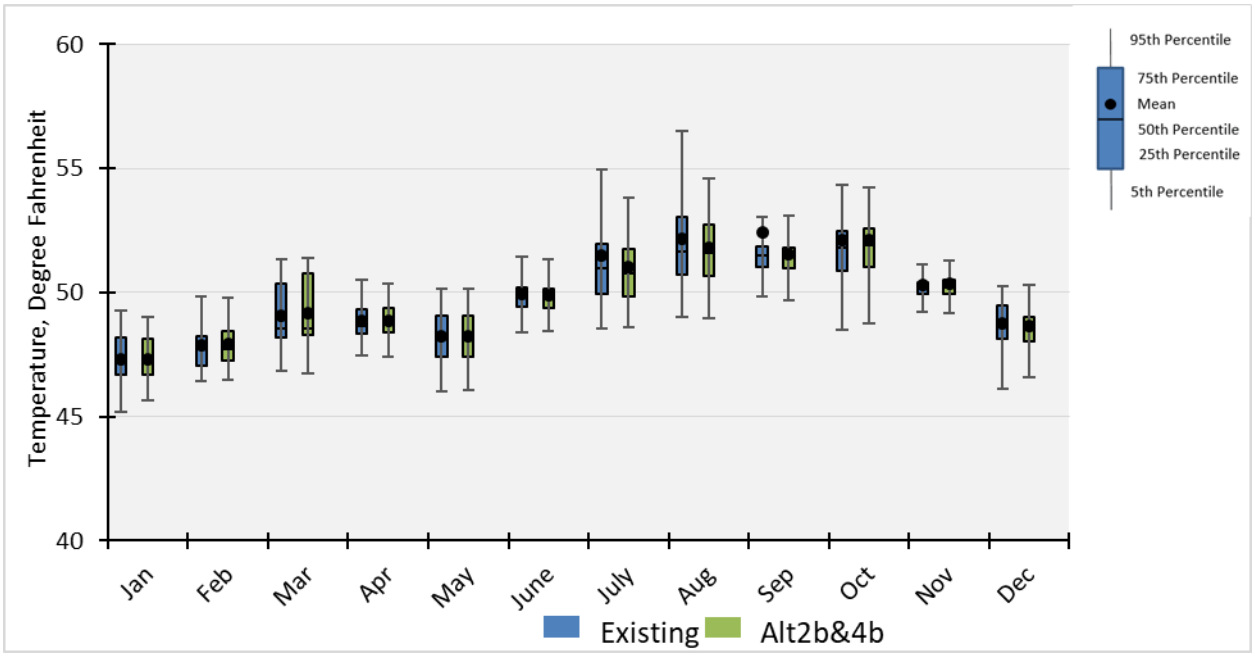


Figure 5A-D1.29.34. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



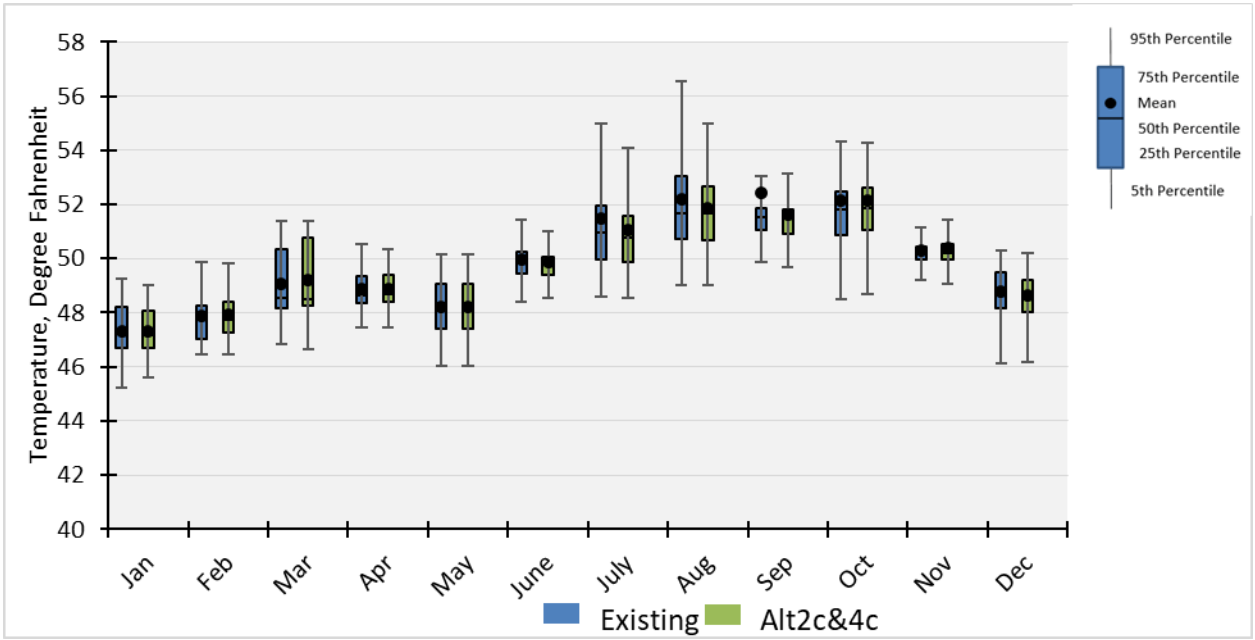
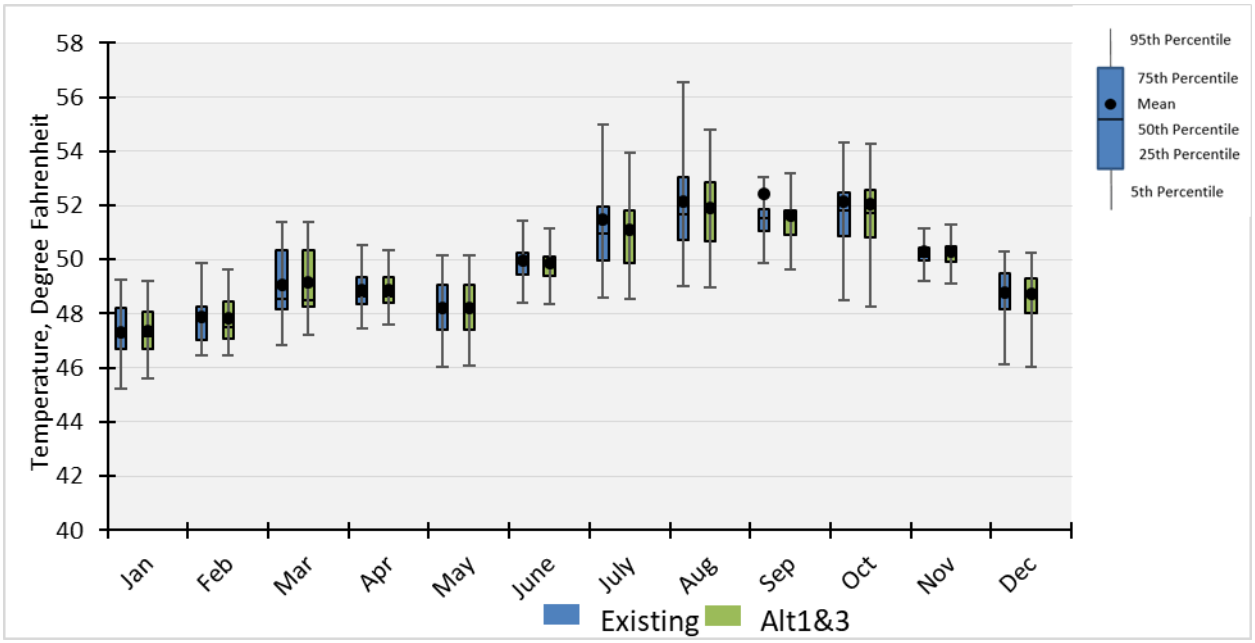


Figure 5A-D1.29.35. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



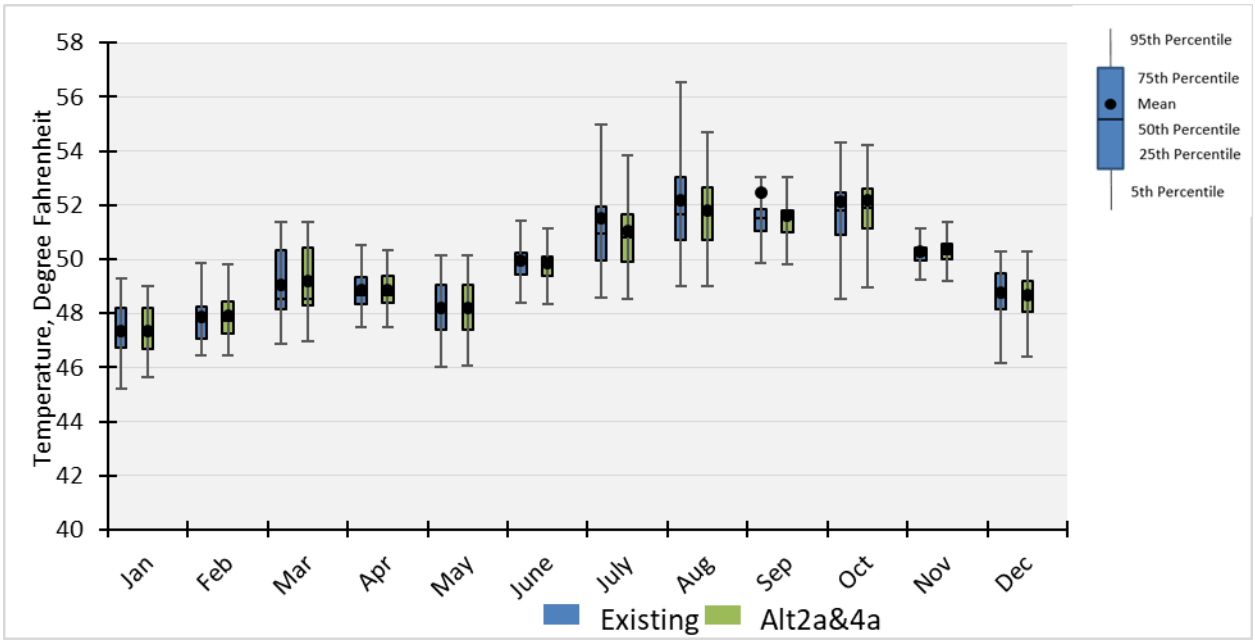


Figure 5A-D1.29.36. Trinity River Above Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

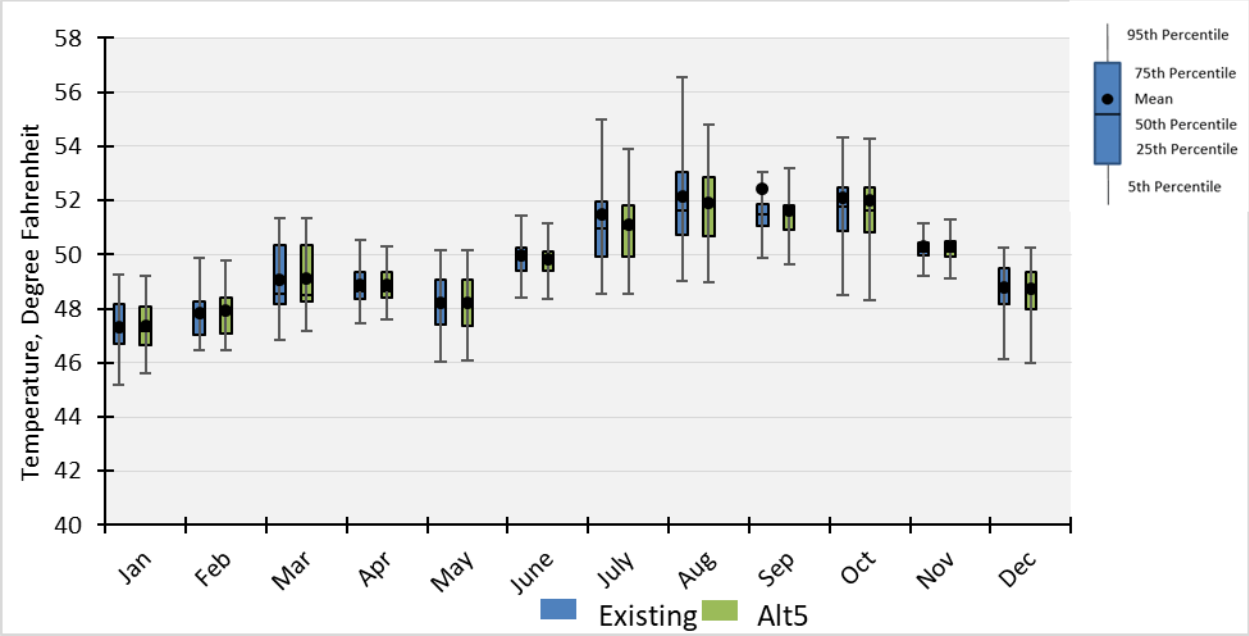
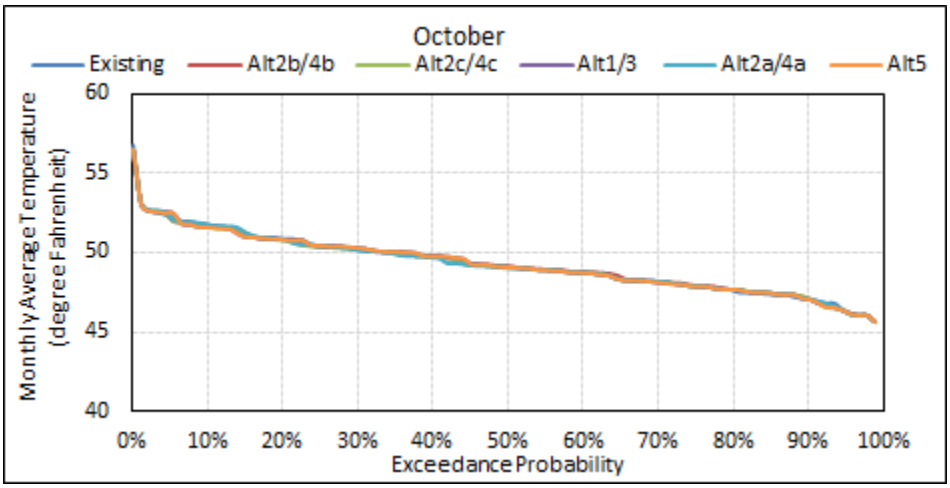
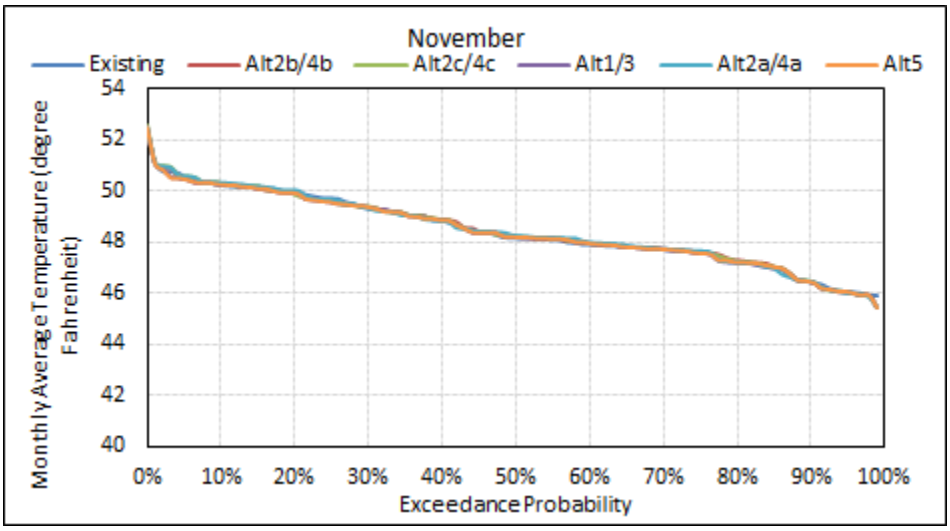


Figure 5A-D1.29.37-A. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





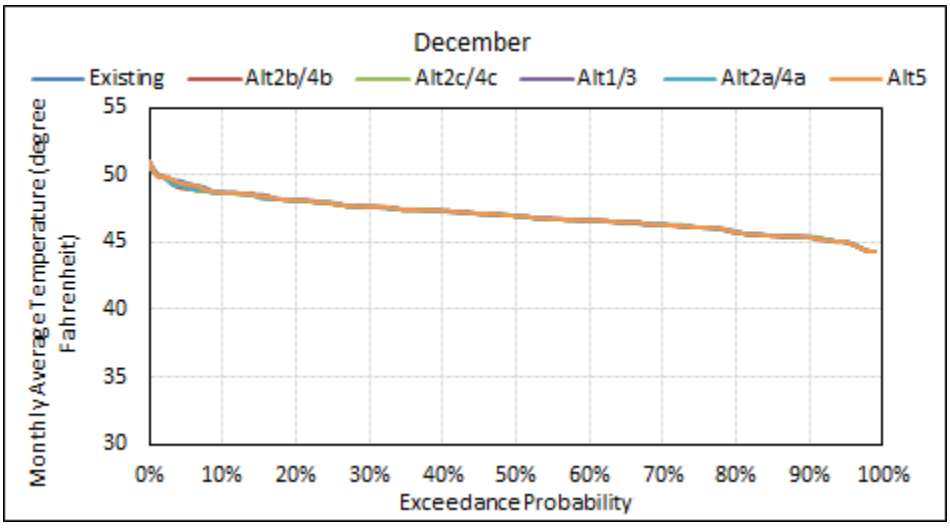
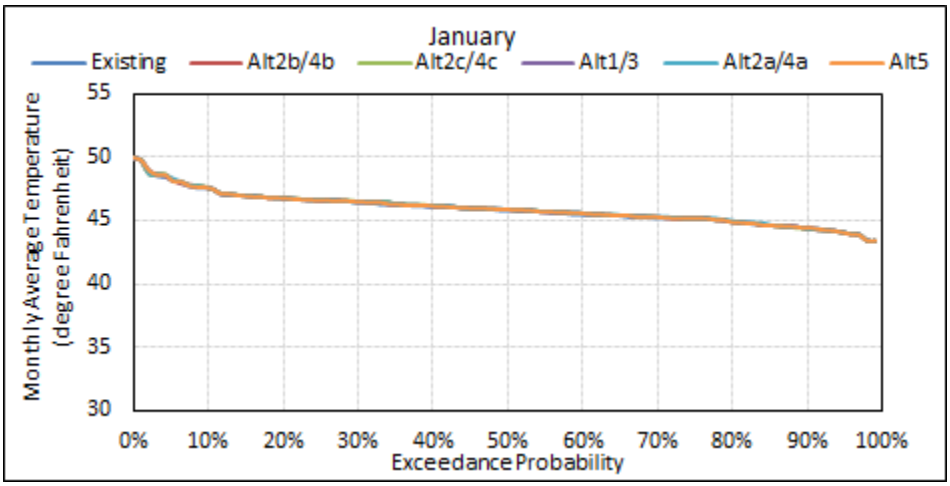
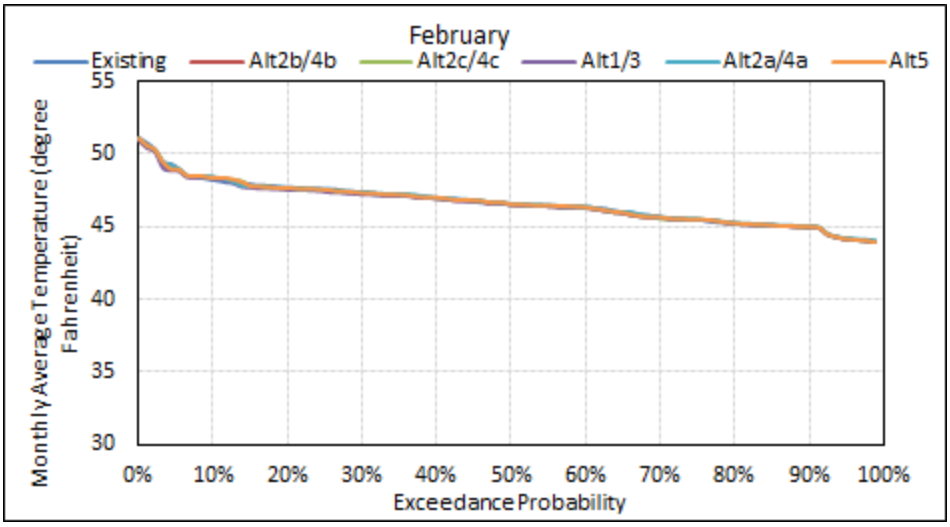


Figure 5A-D1.29.37-B. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





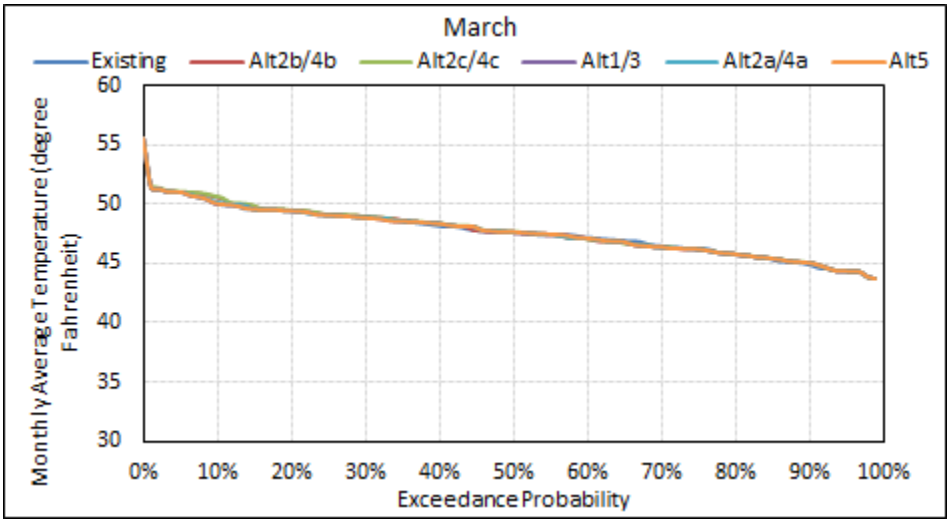
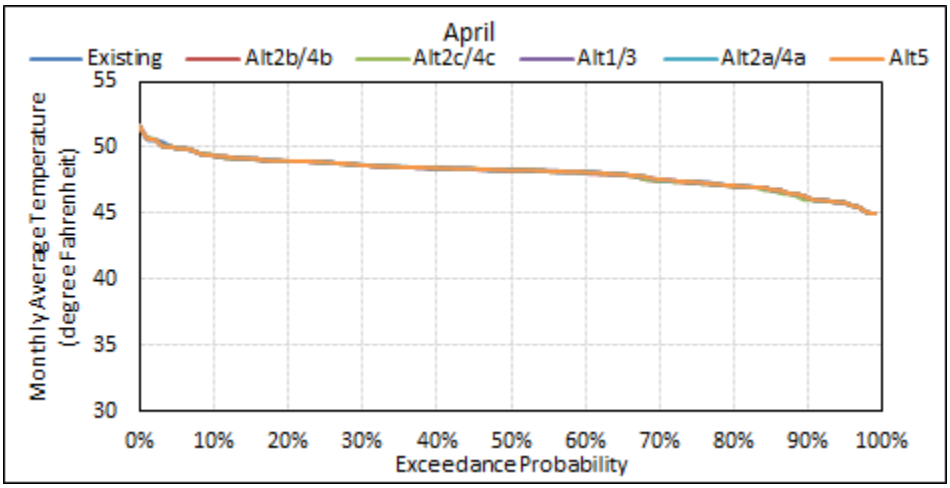
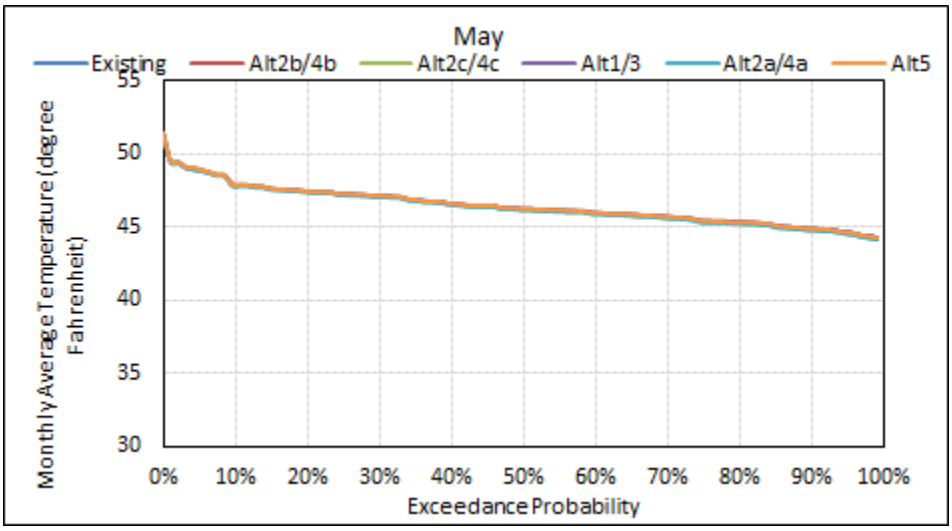


Figure 5A-D1.29.37-C. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





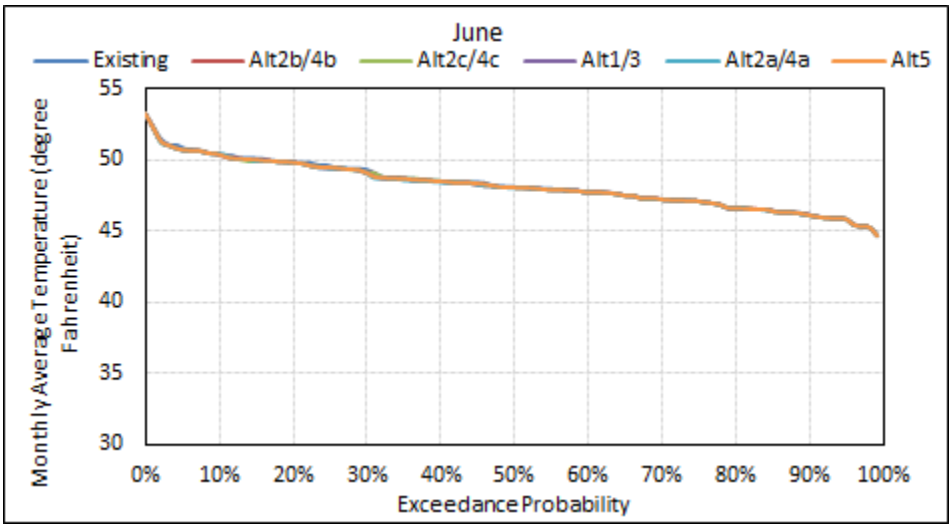
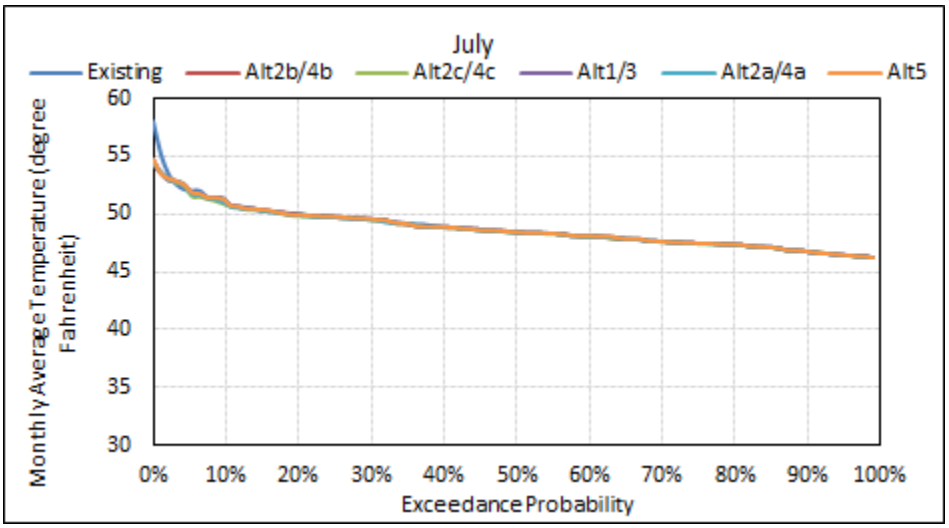
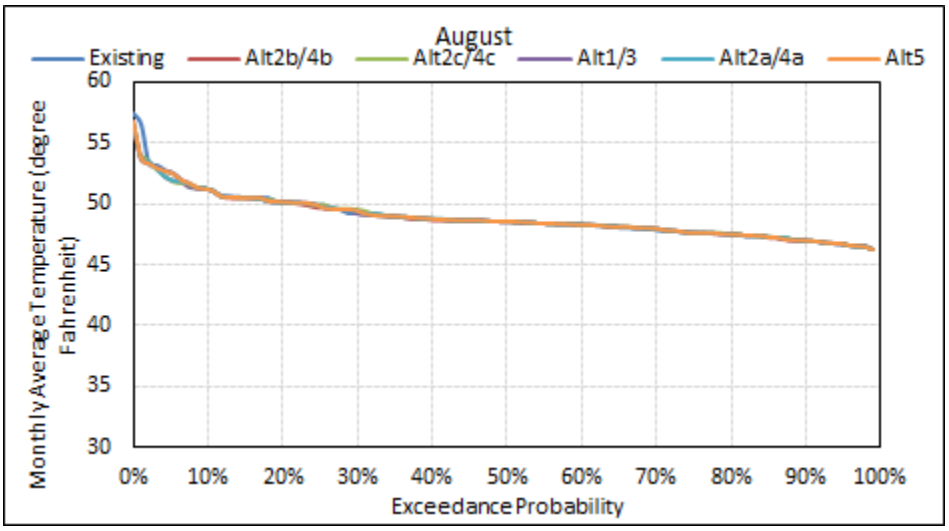


Figure 5A-D1.29.37-D. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





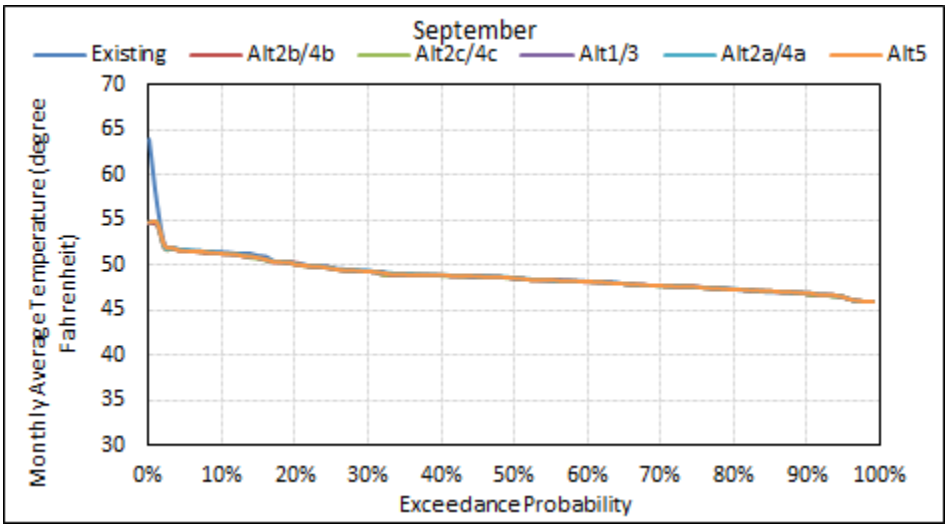


Figure 5A-D1.29.38. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

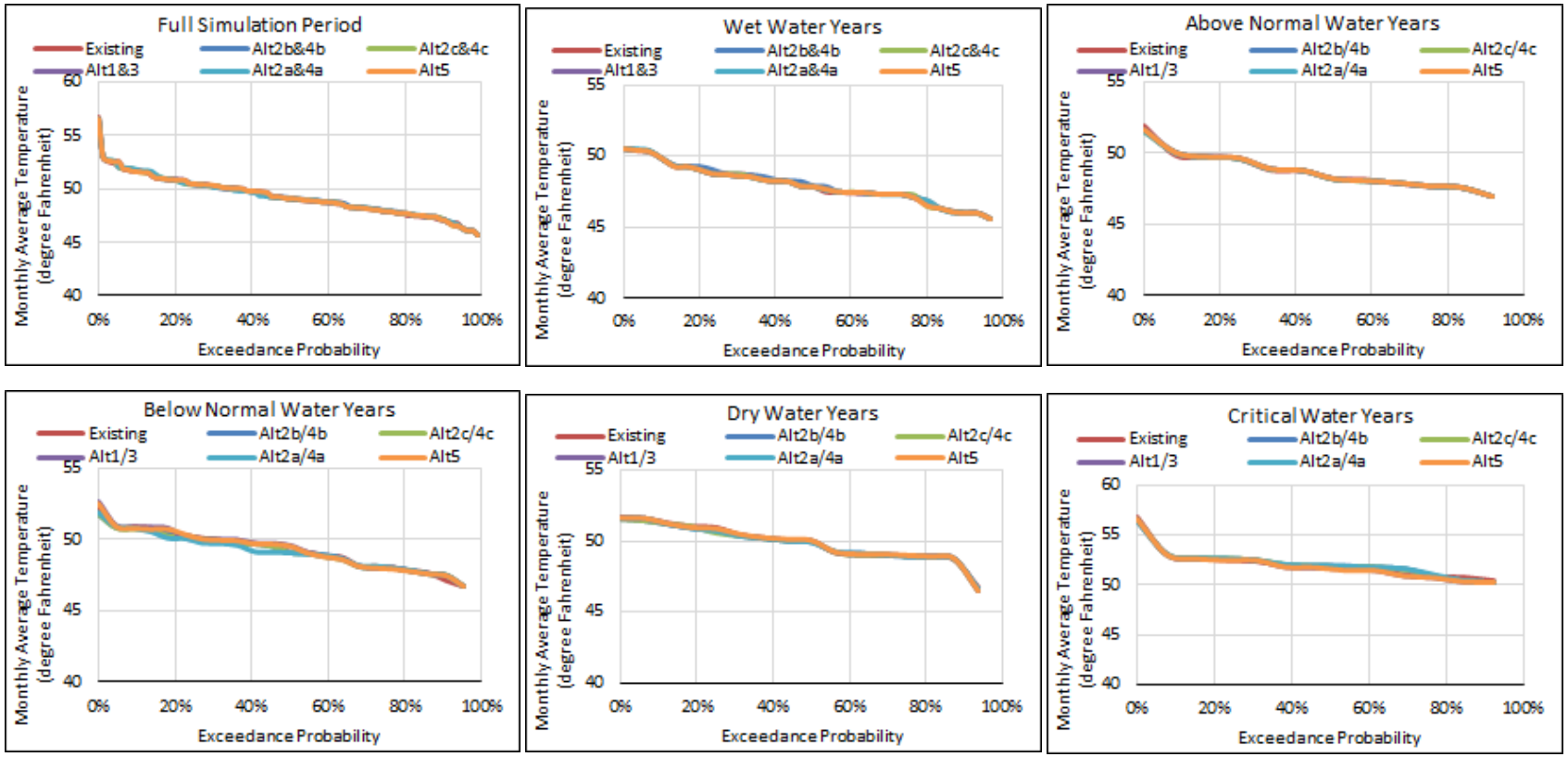


Figure 5A-D1.29.39. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

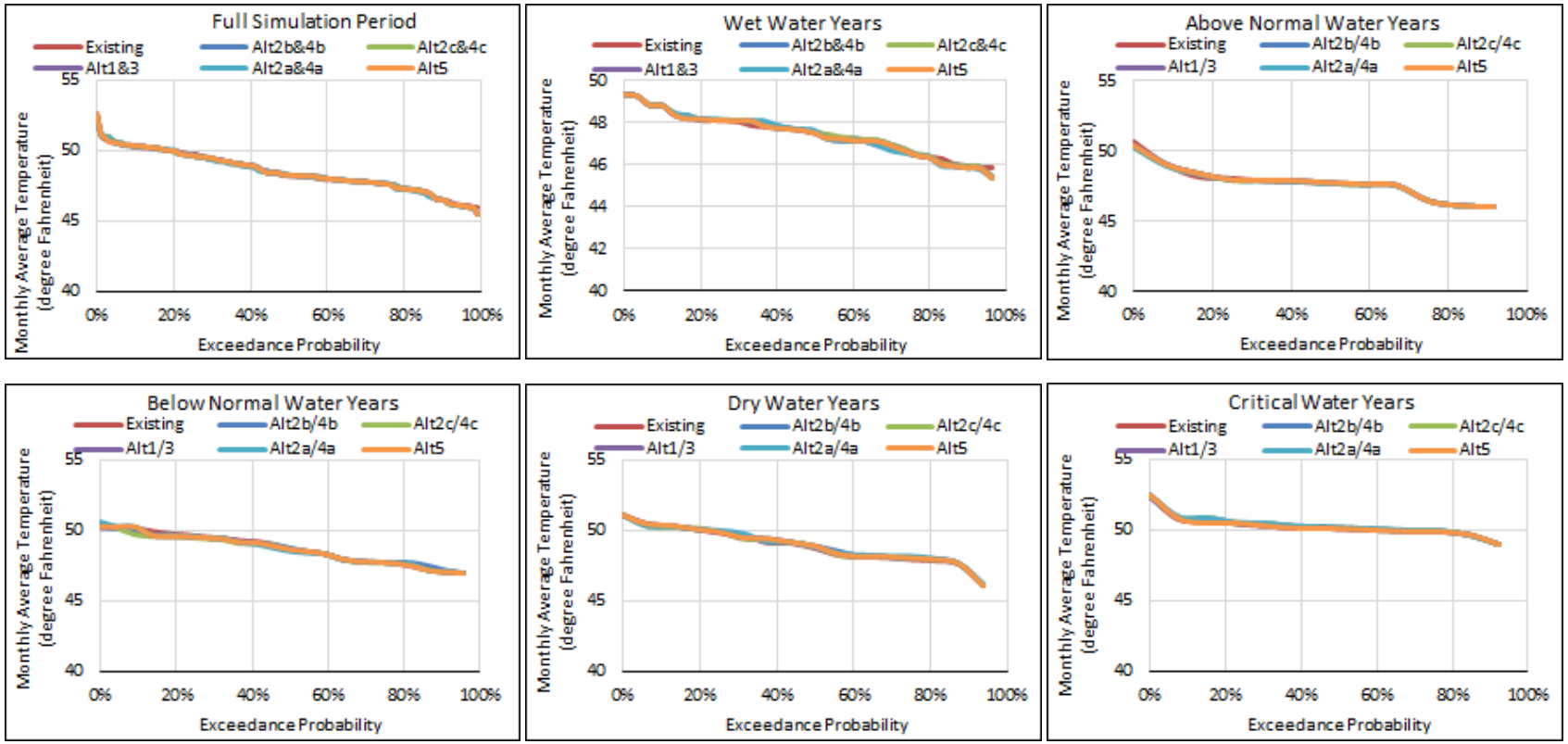


Figure 5A-D1.29.40. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

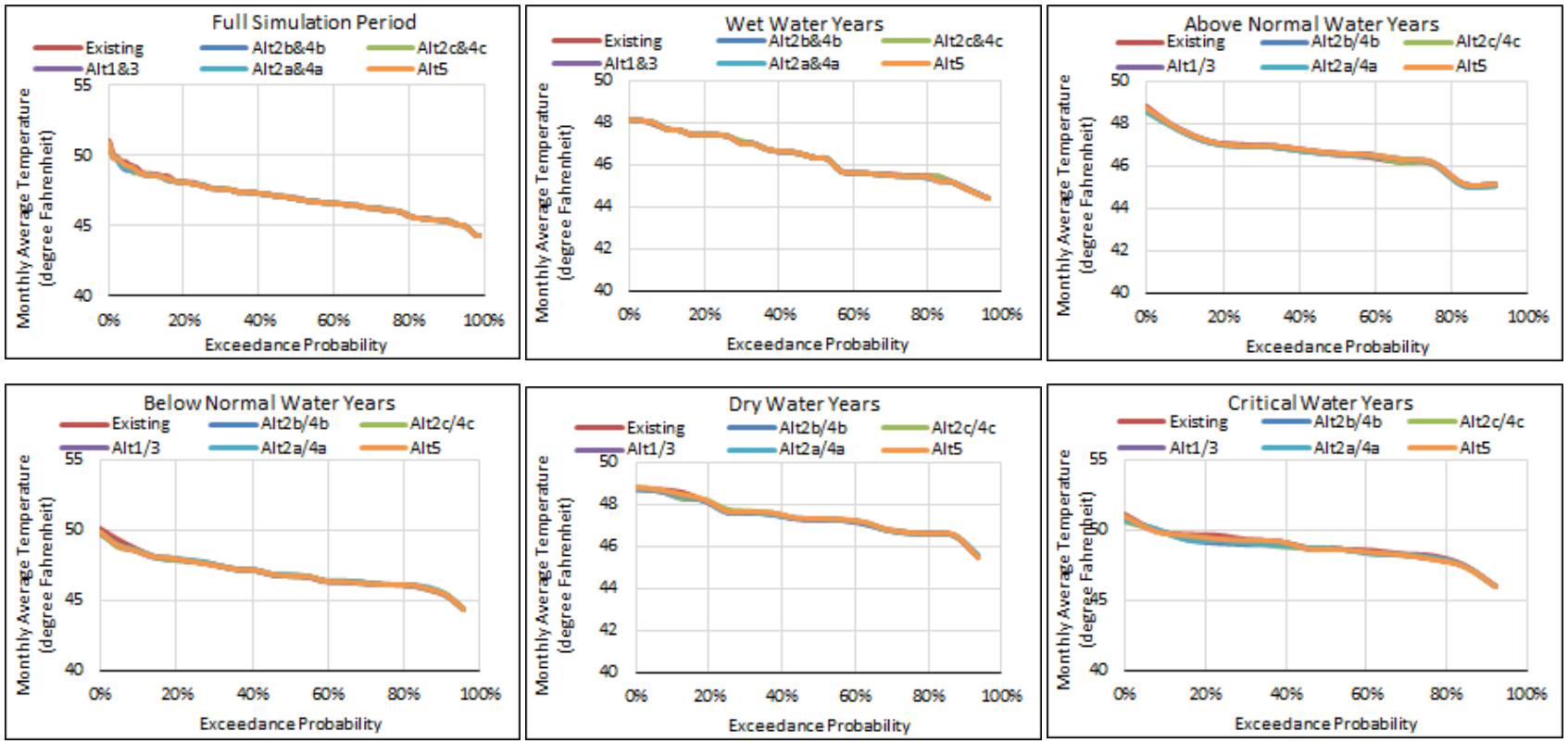


Figure 5A-D1.29.41. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

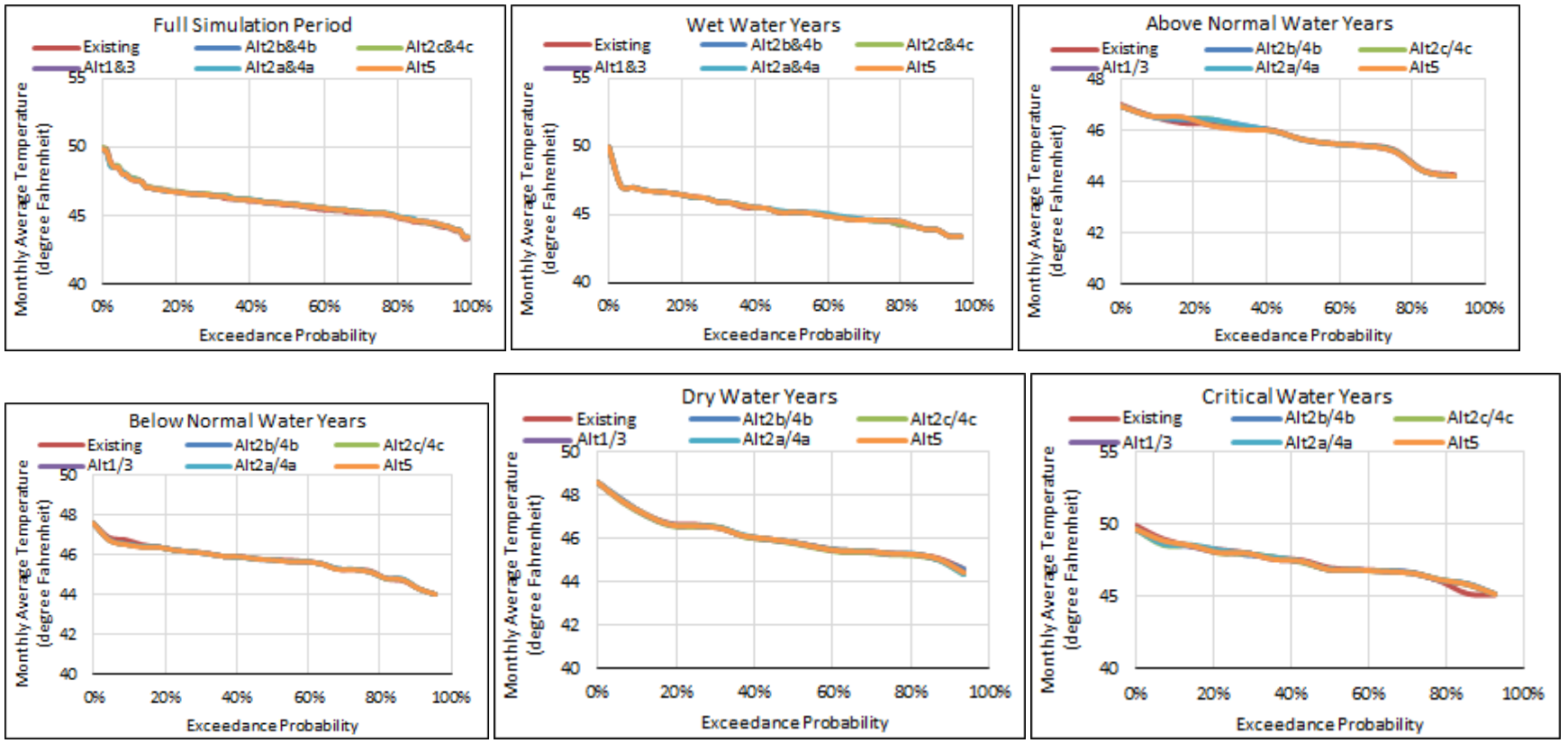


Figure 5A-D1.29.42. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

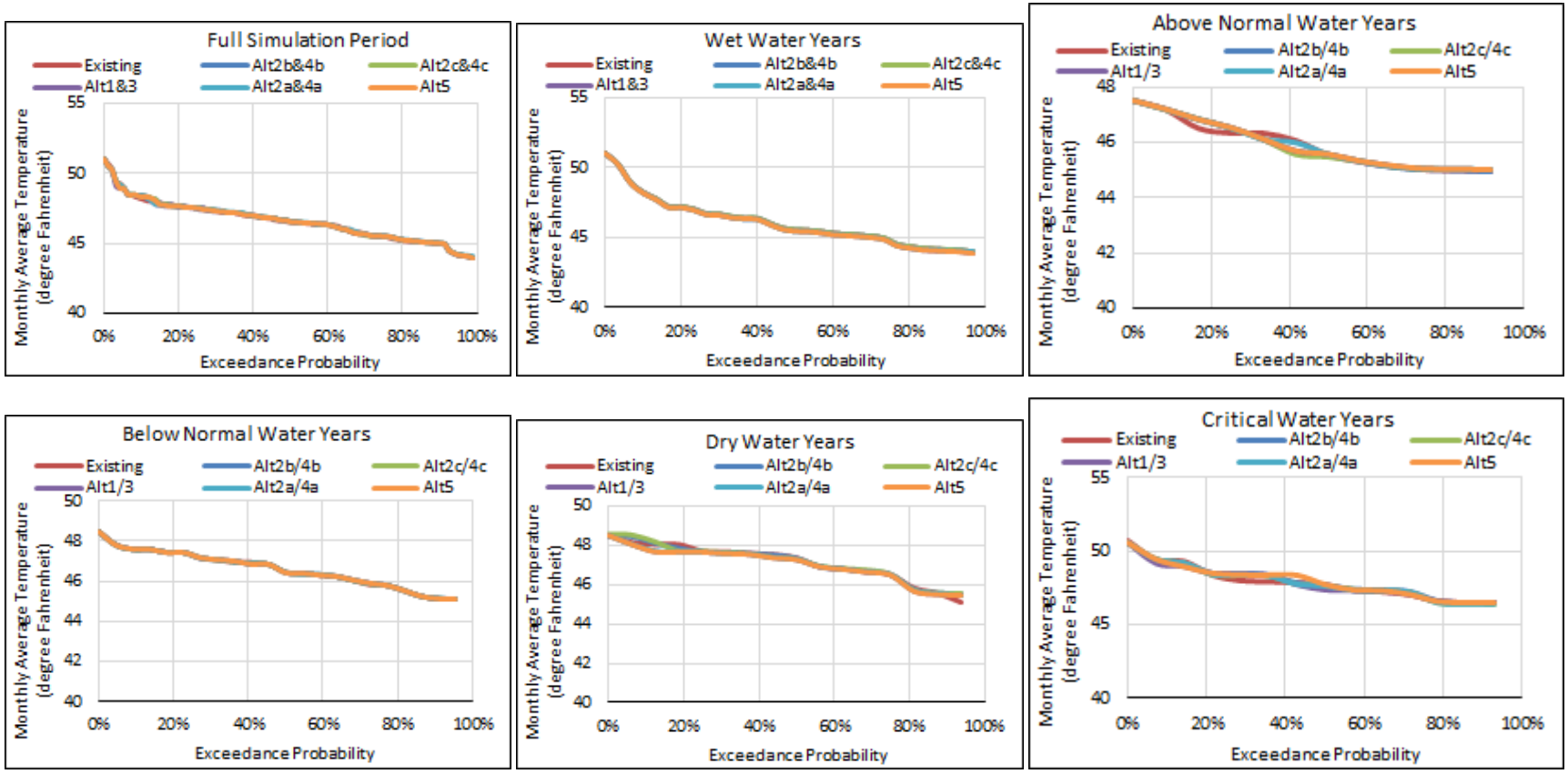


Figure 5A-D1.29.43. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

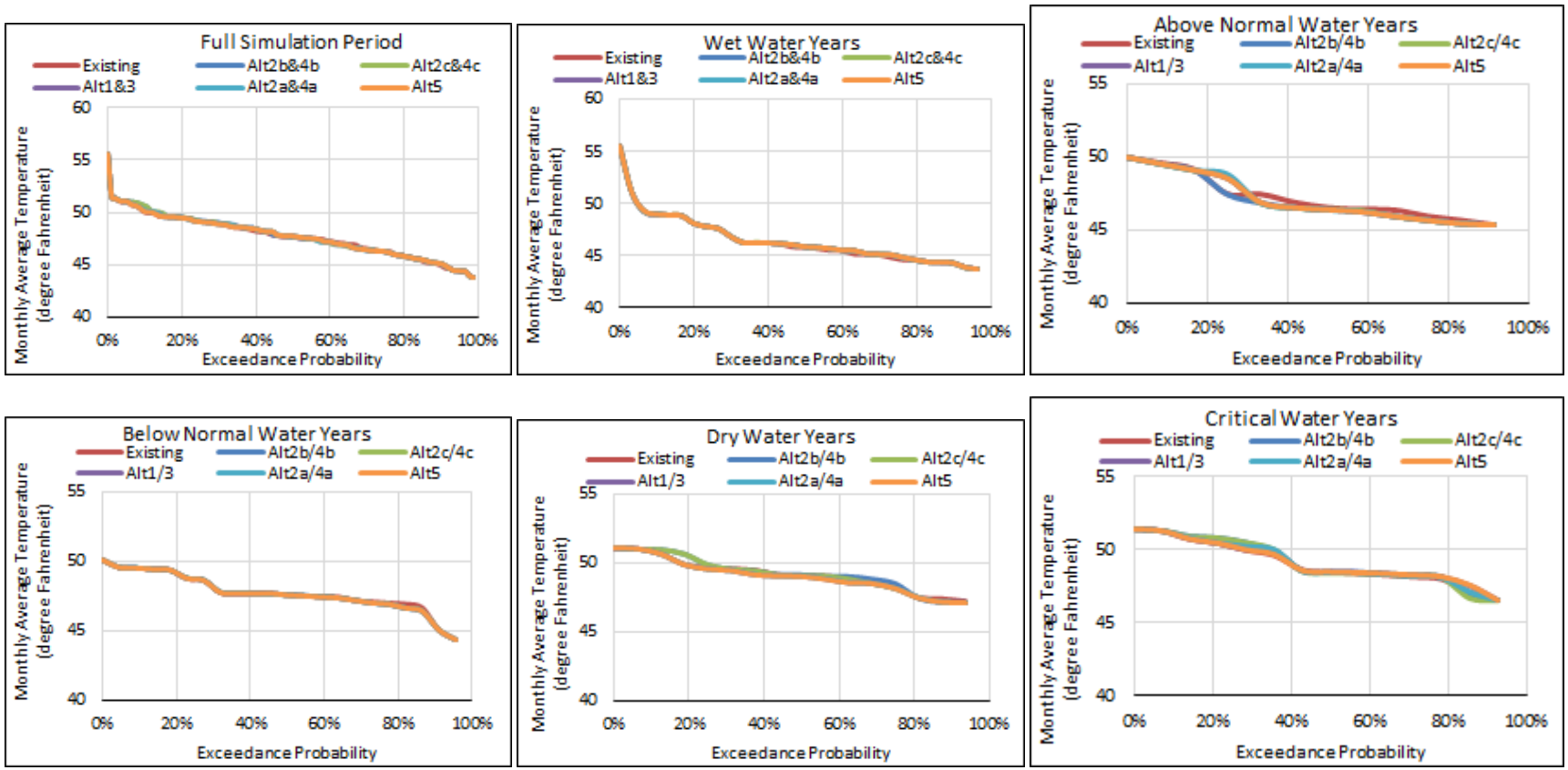


Figure 5A-D1.29.44. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

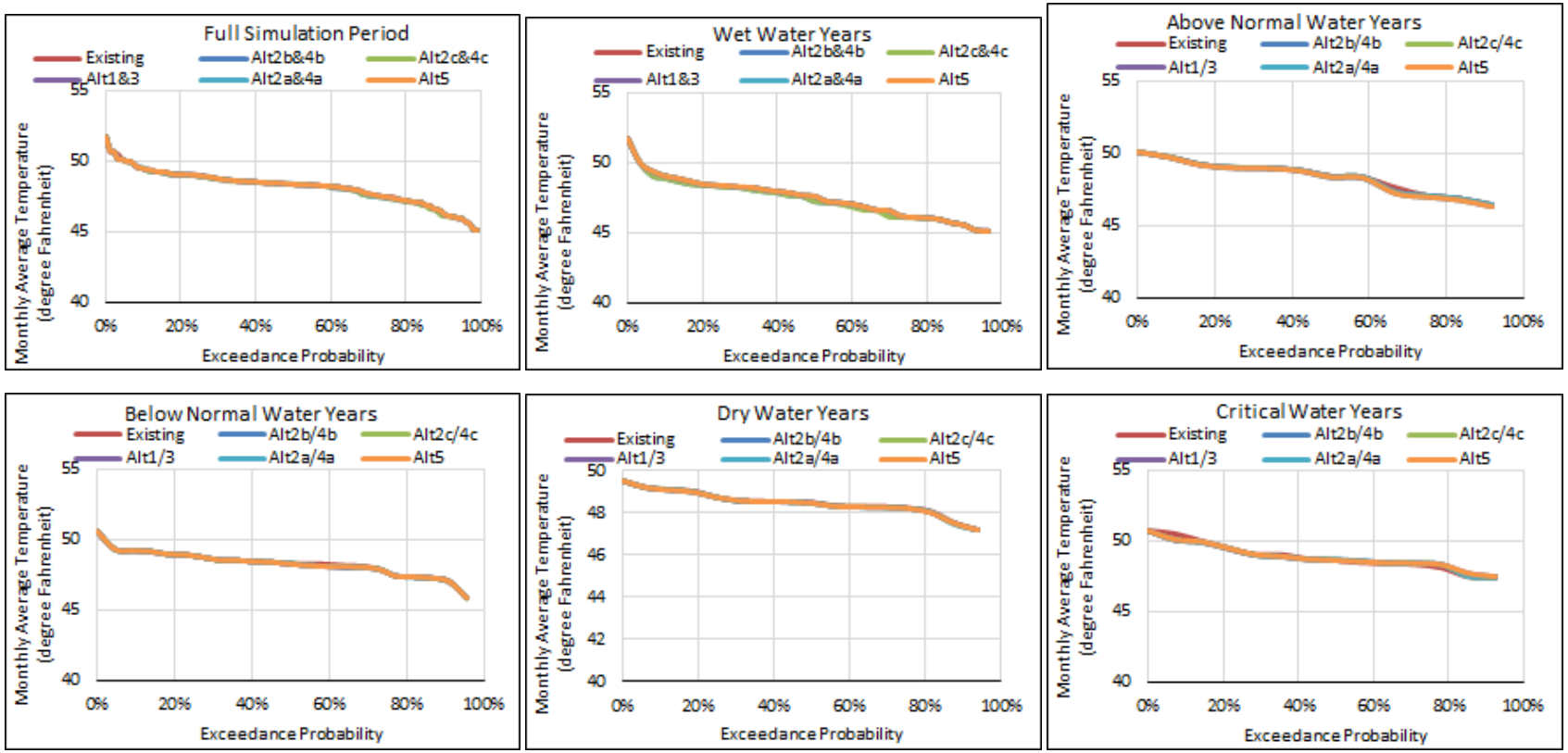


Figure 5A-D1.29.45. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

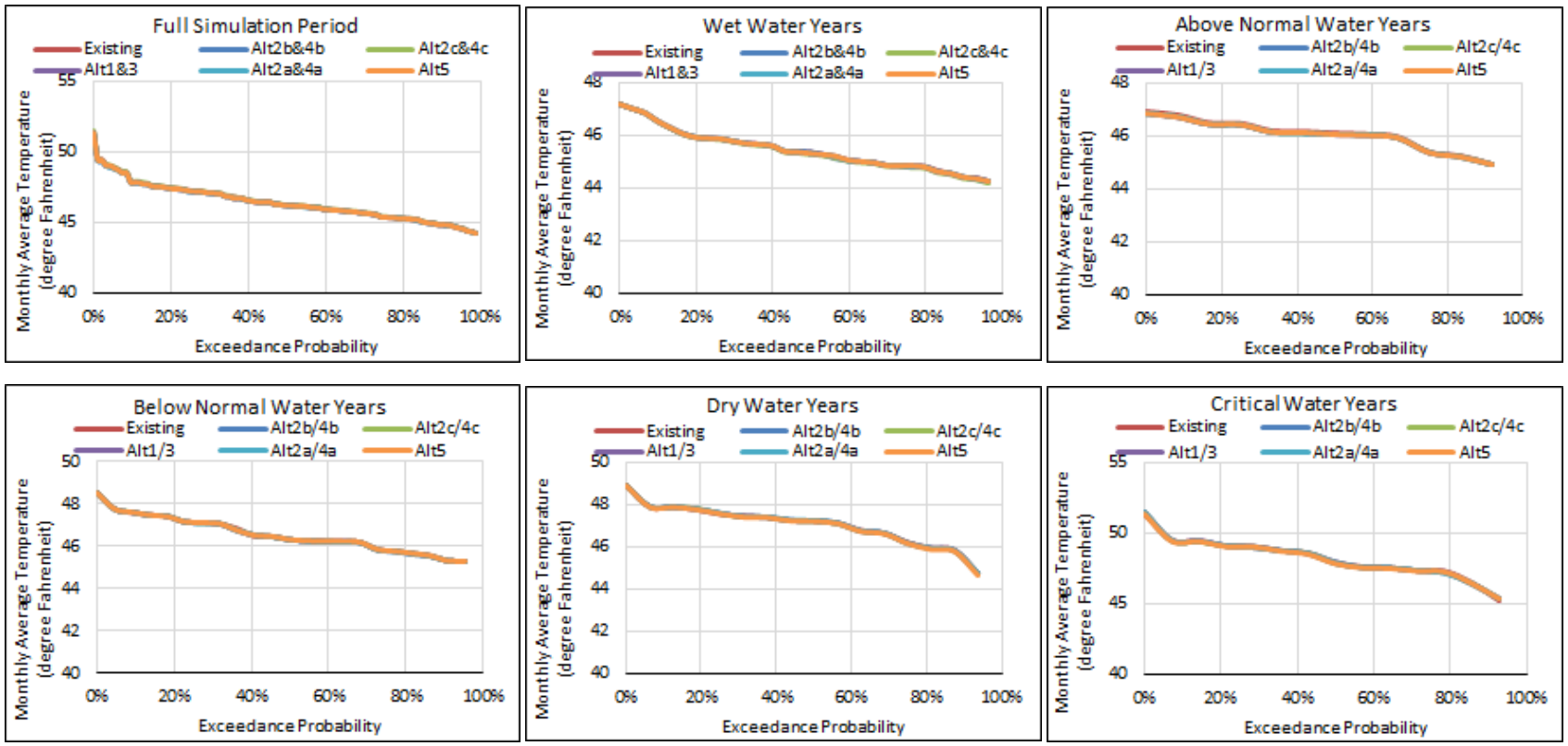


Figure 5A-D1.29.46. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

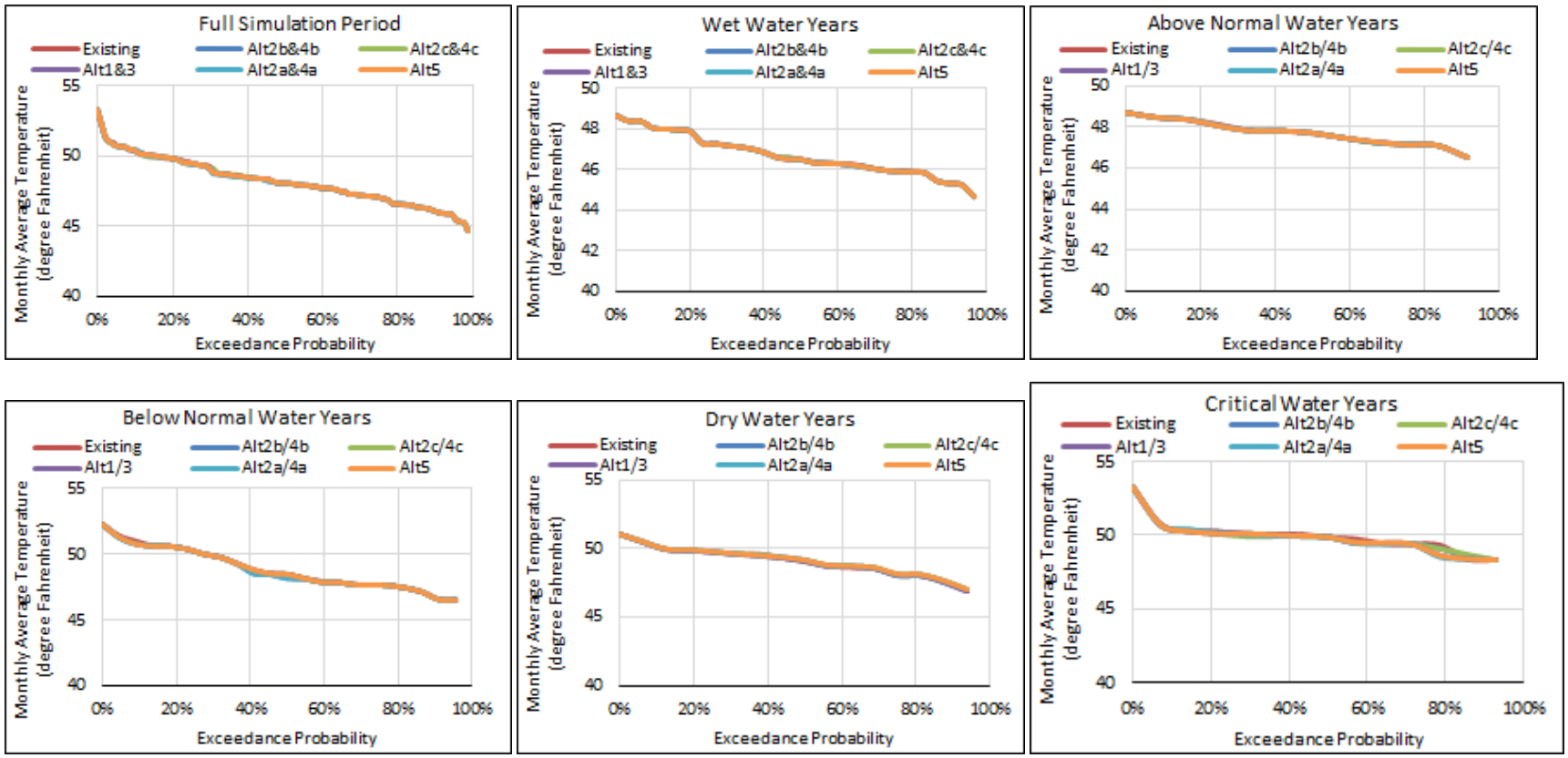


Figure 5A-D1.29.47. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

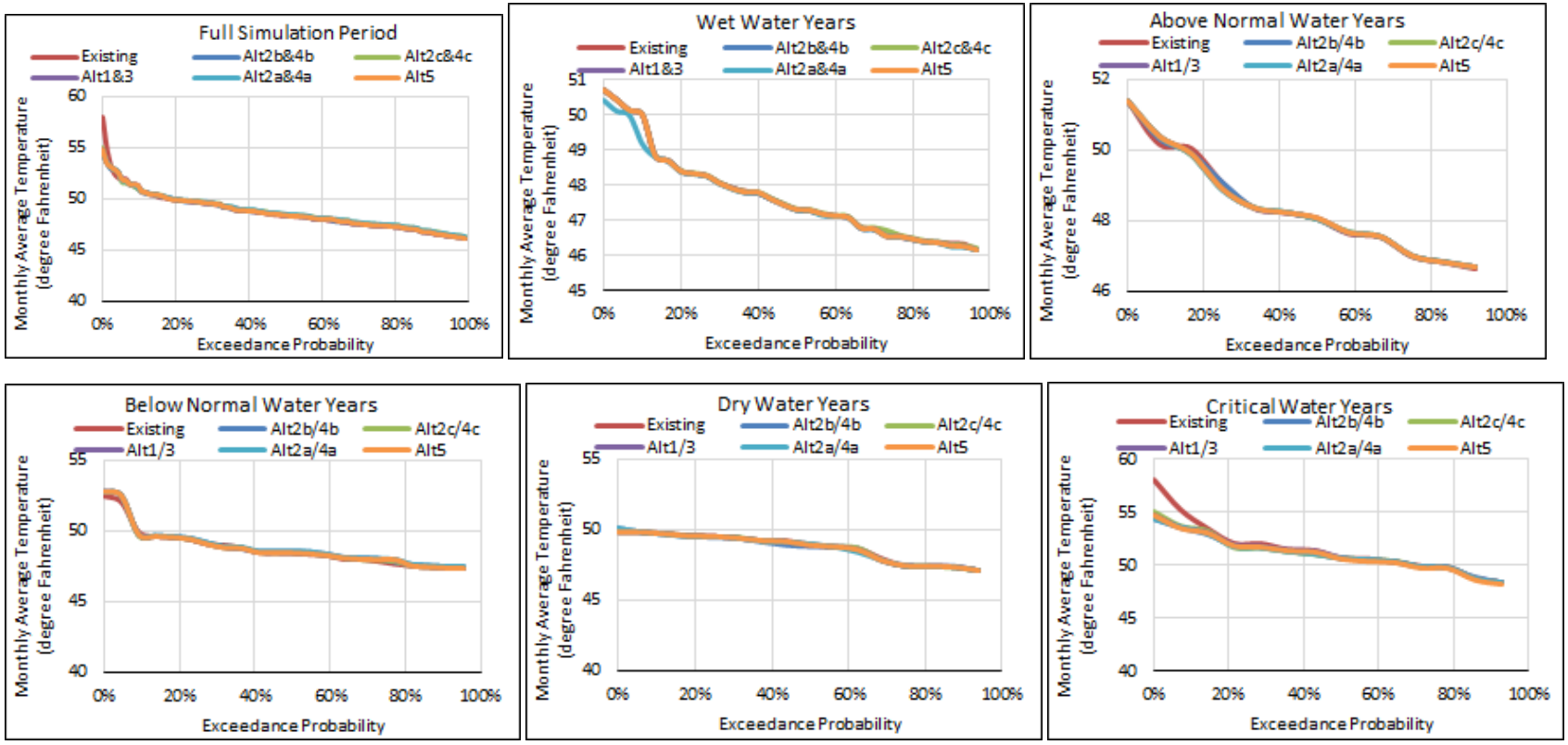


Figure 5A-D1.29.48. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

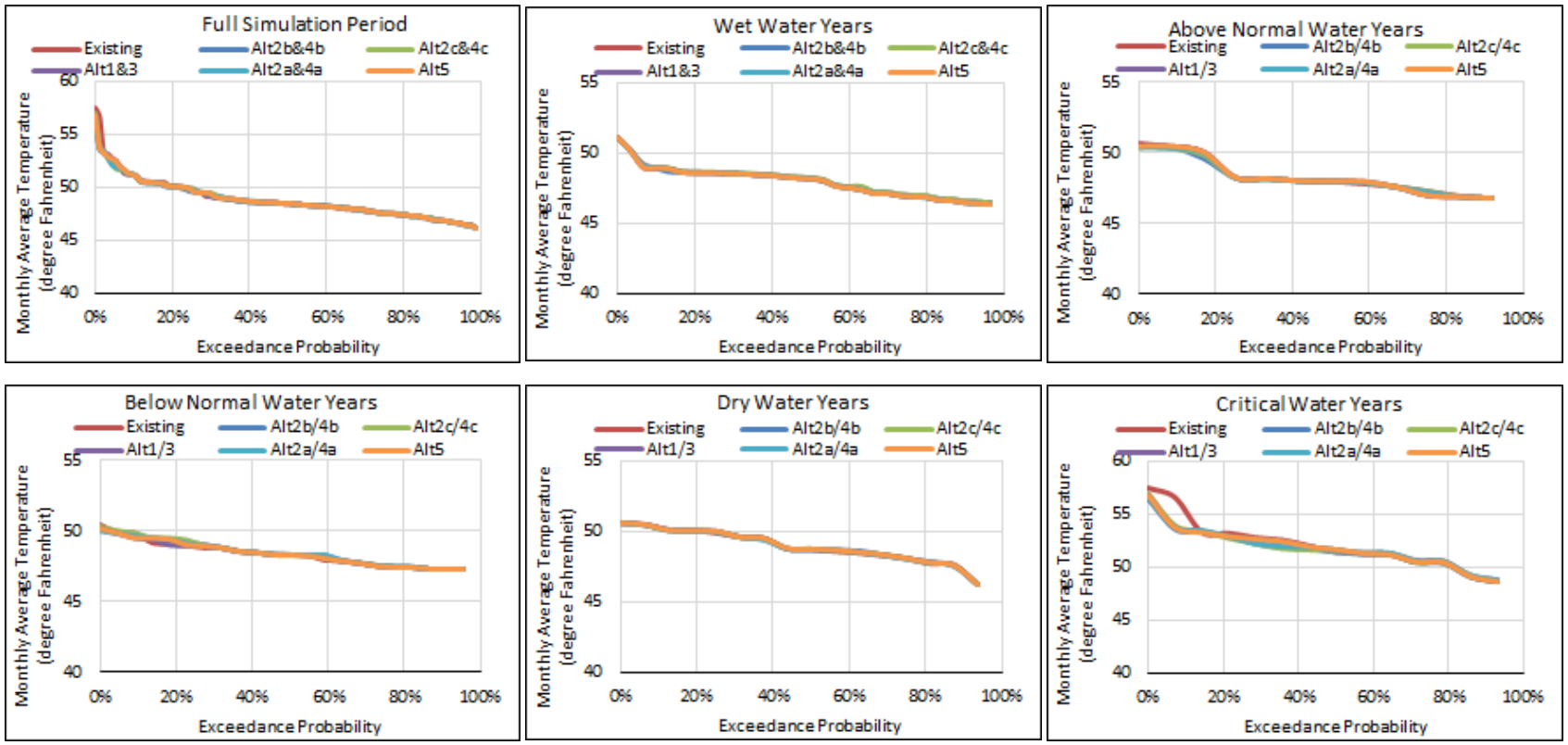
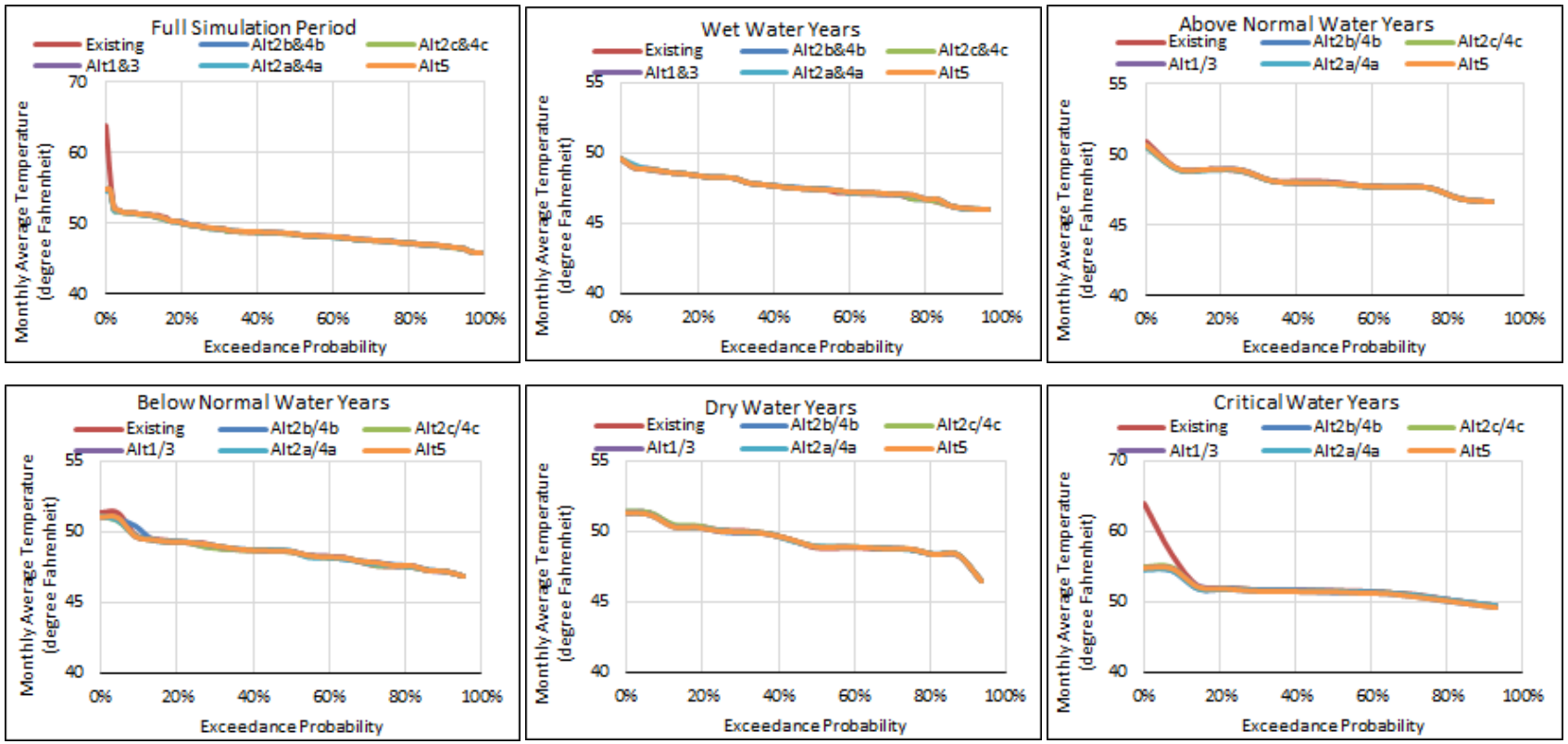


Figure 5A-D1.29.49. Trinity River Above Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.30 Trinity River Below Lewiston

Table 5A-D1.30.1-A. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.4	50.6	48.6	47.3	48.5	50.9	51.0	48.5	51.5	52.2	52.2	51.9
20%	51.3	50.1	48.1	46.7	47.8	50.2	50.6	48.0	50.9	51.2	51.2	50.6
30%	50.9	49.5	47.6	46.5	47.5	49.7	50.2	47.6	50.1	50.3	50.1	49.9
40%	50.4	49.0	47.3	45.9	47.1	49.1	49.7	47.0	49.3	49.7	49.3	49.3
50%	49.6	48.3	47.0	45.7	46.7	48.4	49.6	46.7	48.9	49.2	49.1	49.0
60%	49.2	48.1	46.6	45.4	46.4	47.9	49.3	46.4	48.5	48.9	48.9	48.7
70%	48.5	47.9	46.2	45.2	45.8	47.1	48.8	46.1	47.9	48.4	48.6	48.1
80%	47.9	47.5	45.8	44.9	45.4	46.2	48.3	45.6	47.2	48.0	48.0	47.7
90%	47.4	46.7	45.3	44.3	45.1	45.4	46.9	45.3	46.9	47.4	47.6	47.3

Table 5A-D1.30.1-B. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.8	48.6	47.0	45.8	46.8	48.4	49.3	46.9	49.1	49.7	49.7	49.3
Wet Water Years	48.4	47.7	46.3	45.4	46.2	47.0	48.5	45.8	47.3	48.6	48.9	48.0
Above Normal Water Years	49.3	47.9	46.5	45.6	46.1	47.9	49.6	46.5	48.5	49.4	49.1	48.8
Below Normal Water Years	49.8	49.0	47.0	45.6	46.7	48.4	49.6	47.0	50.0	49.8	49.1	49.1
Dry Water Years	50.3	49.0	47.3	45.9	47.2	49.8	49.8	47.5	50.1	49.5	49.5	49.8
Critical Water Years	52.9	50.5	48.5	47.2	48.1	49.9	50.1	48.9	50.8	52.2	53.0	52.4

Table 5A-D1.30.1-C. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.4	50.6	48.5	47.3	48.5	51.4	50.9	48.5	51.5	52.1	52.2	51.9
20%	51.4	50.0	48.1	46.7	47.8	50.2	50.5	48.0	50.9	51.1	51.1	50.8
30%	50.9	49.5	47.6	46.5	47.5	49.7	50.2	47.6	50.1	50.3	50.1	49.8
40%	50.4	49.1	47.3	46.0	47.1	49.3	49.7	47.0	49.2	49.6	49.3	49.3
50%	49.6	48.5	47.0	45.7	46.7	48.4	49.5	46.7	48.8	49.2	49.2	49.0
60%	49.2	48.1	46.6	45.4	46.3	47.7	49.2	46.4	48.5	48.9	48.9	48.6
70%	48.5	47.9	46.2	45.2	45.8	47.1	48.7	46.1	47.9	48.3	48.6	48.3
80%	48.0	47.6	45.8	44.9	45.4	46.2	48.1	45.7	47.2	48.0	48.0	47.9
90%	47.4	46.7	45.3	44.3	45.2	45.5	46.9	45.3	46.9	47.4	47.6	47.3

Table 5A-D1.30.1-D. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.8	48.6	46.9	45.8	46.8	48.4	49.3	46.9	49.0	49.6	49.6	49.3
Wet Water Years	48.5	47.7	46.3	45.4	46.2	47.1	48.4	45.8	47.3	48.6	48.8	48.0
Above Normal Water Years	49.3	47.9	46.5	45.6	46.1	47.7	49.5	46.5	48.5	49.4	49.1	48.8
Below Normal Water Years	49.8	48.9	46.9	45.6	46.7	48.4	49.5	47.0	49.9	49.9	49.2	49.1
Dry Water Years	50.3	49.1	47.3	45.9	47.2	49.9	49.8	47.5	50.1	49.5	49.5	49.8
Critical Water Years	52.9	50.6	48.4	47.1	48.1	50.0	50.1	48.9	50.7	51.7	52.5	52.2

Table 5A-D1.30.1-E. Trinity River Below Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.1	0.0	0.0	0.4	-0.1	0.0	0.0	-0.1	0.0	-0.1
20%	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.1
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.1	-0.1	0.0	0.0
50%	0.0	0.2	0.0	0.1	0.1	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	0.0	0.0	0.0	0.1	-0.1
70%	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.2
80%	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.1
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.30.1-F. Trinity River Below Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Wet Water Years	0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	0.0	0.0	0.0	-0.1	0.0
Below Normal Water Years	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	0.0
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	-0.1	0.0	0.0	0.1	0.0	0.0	-0.1	-0.5	-0.4	-0.2

Table 5A-D1.30.1-G. Trinity River Below Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	-0.1%	-0.2%	0.0%	0.0%	0.8%	-0.2%	0.0%	-0.1%	-0.1%	0.0%	-0.1%
20%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.0%	-0.1%	-0.2%	-0.2%	0.3%
30%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%
40%	0.0%	0.1%	0.0%	0.1%	0.0%	0.4%	-0.1%	0.0%	-0.3%	-0.2%	0.0%	0.0%
50%	0.1%	0.4%	0.0%	0.1%	0.2%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.1%
60%	0.0%	0.0%	0.0%	0.1%	-0.1%	-0.5%	-0.2%	0.0%	0.0%	0.0%	0.1%	-0.1%
70%	0.1%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.4%
80%	0.3%	0.2%	0.0%	-0.1%	0.1%	0.1%	-0.3%	0.0%	0.0%	0.1%	-0.1%	0.3%
90%	0.1%	0.0%	-0.1%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.30.1-H. Trinity River Below Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%
Wet Water Years	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%	0.1%
Above Normal Water Years	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.4%	-0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%
Below Normal Water Years	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.2%	-0.1%
Dry Water Years	0.0%	0.1%	0.0%	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.0%	0.1%	-0.3%	0.0%	0.1%	0.2%	0.0%	0.0%	-0.1%	-0.9%	-0.8%	-0.4%

Table 5A-D1.30.2-A. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.3	50.6	48.5	47.3	48.6	51.4	50.9	48.5	51.4	52.1	52.3	51.9
20%	51.4	50.1	48.1	46.7	47.7	50.3	50.5	48.0	50.8	51.1	51.1	50.6
30%	50.9	49.5	47.6	46.5	47.5	49.7	50.2	47.6	50.1	50.3	50.1	49.8
40%	50.4	49.0	47.3	46.0	47.1	49.1	49.7	47.0	49.2	49.7	49.3	49.4
50%	49.6	48.5	47.0	45.7	46.7	48.4	49.5	46.7	48.8	49.2	49.1	49.0
60%	49.2	48.1	46.6	45.4	46.3	47.6	49.3	46.4	48.5	48.9	48.9	48.7
70%	48.4	47.9	46.2	45.2	45.8	47.1	48.7	46.1	47.9	48.3	48.6	48.1
80%	48.0	47.4	45.8	44.9	45.4	46.2	48.2	45.6	47.3	47.9	48.0	47.9
90%	47.5	46.7	45.3	44.2	45.2	45.5	46.8	45.3	46.9	47.4	47.6	47.3

Table 5A-D1.30.2-B. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.8	48.6	46.9	45.8	46.8	48.4	49.3	46.9	49.1	49.6	49.6	49.3
Wet Water Years	48.4	47.7	46.3	45.4	46.2	47.1	48.4	45.8	47.3	48.6	48.9	48.0
Above Normal Water Years	49.3	47.9	46.5	45.6	46.1	47.8	49.5	46.5	48.5	49.3	49.1	48.8
Below Normal Water Years	49.7	48.9	46.9	45.6	46.7	48.4	49.5	47.0	49.9	49.9	49.2	49.0
Dry Water Years	50.2	49.0	47.3	45.9	47.2	49.9	49.8	47.5	50.1	49.5	49.5	49.8
Critical Water Years	52.9	50.6	48.4	47.1	48.1	50.0	50.1	48.9	50.7	51.8	52.6	52.3

Table 5A-D1.30.2-C. Trinity River Below Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1	0.0	-0.1	0.0	0.0	0.4	-0.1	0.0	-0.1	-0.1	0.1	0.0
20%	0.0	0.0	0.0	0.0	-0.1	0.1	-0.1	0.0	-0.1	-0.1	-0.1	0.0
30%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
40%	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0
50%	0.0	0.2	0.0	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.1	0.0	0.0	0.0	0.0	0.0
70%	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%	0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.1
90%	0.1	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.30.2-D. Trinity River Below Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Above Normal Water Years	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1
Below Normal Water Years	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
Dry Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.4	-0.4	-0.1

Table 5A-D1.30.2-E. Trinity River Below Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.8%	-0.2%	0.0%	-0.2%	-0.1%	0.1%	-0.1%
20%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.2%	-0.2%	0.0%	-0.1%	-0.2%	-0.1%	0.0%
30%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	-0.1%
40%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%
50%	0.1%	0.4%	0.0%	0.1%	0.2%	0.1%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%
60%	0.0%	0.0%	0.0%	0.1%	-0.2%	-0.6%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%
70%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.4%	-0.1%	0.1%	0.0%	0.0%	0.1%	-0.3%	0.0%	0.1%	-0.1%	-0.1%	0.3%
90%	0.2%	0.0%	0.0%	0.0%	0.1%	0.2%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%

Table 5A-D1.30.2-F. Trinity River Below Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.1%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.3%	0.0%	0.0%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.2%	-0.2%
Dry Water Years	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.1%	0.2%	-0.2%	0.0%	0.1%	0.2%	0.0%	0.0%	-0.1%	-0.8%	-0.7%	-0.3%

Table 5A-D1.30.3-A. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.2	50.6	48.6	47.3	48.6	51.0	51.0	48.5	51.4	52.2	52.3	51.9
20%	51.4	50.0	48.1	46.7	47.7	50.2	50.6	48.0	50.9	51.1	51.1	50.6
30%	50.9	49.5	47.6	46.4	47.5	49.7	50.2	47.6	50.0	50.3	50.0	49.9
40%	50.5	49.0	47.3	46.0	47.1	49.1	49.7	47.0	49.2	49.7	49.3	49.4
50%	49.6	48.5	47.0	45.7	46.7	48.4	49.5	46.7	48.8	49.2	49.1	49.0
60%	49.2	48.2	46.6	45.4	46.3	47.7	49.3	46.4	48.5	48.9	48.9	48.7
70%	48.4	47.8	46.2	45.2	45.7	47.1	48.8	46.1	47.9	48.3	48.6	48.2
80%	48.0	47.4	45.8	44.9	45.4	46.2	48.3	45.6	47.2	47.9	48.0	47.9
90%	47.4	46.7	45.3	44.2	45.2	45.5	46.9	45.3	46.9	47.4	47.6	47.4

Table 5A-D1.30.3-B. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.8	48.6	46.9	45.8	46.7	48.4	49.3	46.9	49.0	49.6	49.6	49.3
Wet Water Years	48.4	47.6	46.3	45.4	46.2	47.1	48.5	45.8	47.3	48.6	48.9	48.0
Above Normal Water Years	49.3	47.9	46.5	45.6	46.1	47.8	49.5	46.5	48.5	49.3	49.1	48.8
Below Normal Water Years	49.9	48.9	46.9	45.6	46.7	48.4	49.5	47.0	49.9	49.9	49.1	49.1
Dry Water Years	50.3	49.1	47.3	45.9	47.2	49.7	49.7	47.5	50.1	49.4	49.5	49.8
Critical Water Years	52.8	50.5	48.4	47.2	48.0	50.0	50.1	48.9	50.7	51.8	52.7	52.3

Table 5A-D1.30.3-C. Trinity River Below Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1
20%	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
30%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
40%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0
50%	0.0	0.2	0.0	0.1	0.1	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0
60%	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80%	0.1	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.2
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1

Table 5A-D1.30.3-D. Trinity River Below Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
Wet Water Years	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Above Normal Water Years	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	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	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.4	-0.3	-0.1

Table 5A-D1.30.3-E. Trinity River Below Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.1%
20%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.2%	-0.1%
30%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.1%
40%	0.2%	0.0%	-0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	-0.3%	-0.1%	0.0%	0.1%
50%	0.1%	0.4%	0.0%	0.1%	0.2%	0.1%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.0%
60%	0.0%	0.1%	0.0%	0.0%	-0.2%	-0.4%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%
70%	0.0%	-0.2%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%
80%	0.3%	-0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.3%
90%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%

Table 5A-D1.30.3-F. Trinity River Below Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.1%
Dry Water Years	0.0%	0.1%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.2%	0.0%	-0.1%	0.0%	-0.1%	0.2%	0.0%	0.0%	-0.2%	-0.8%	-0.5%	-0.3%

Table 5A-D1.30.4-A. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.4	50.6	48.6	47.3	48.6	51.1	51.0	48.5	51.5	52.1	52.3	51.9
20%	51.3	50.1	48.1	46.7	47.7	50.2	50.6	48.0	50.9	51.1	51.1	50.7
30%	50.8	49.4	47.6	46.5	47.5	49.7	50.2	47.6	50.0	50.3	50.1	49.8
40%	50.3	49.0	47.3	46.0	47.1	49.2	49.7	47.0	49.2	49.8	49.3	49.4
50%	49.5	48.5	47.0	45.8	46.7	48.4	49.5	46.7	48.8	49.2	49.1	49.1
60%	49.2	48.2	46.6	45.4	46.3	47.7	49.3	46.4	48.5	48.9	48.9	48.6
70%	48.4	47.9	46.2	45.2	45.7	47.1	48.8	46.1	47.9	48.3	48.6	48.1
80%	48.0	47.3	45.8	44.9	45.4	46.2	48.3	45.7	47.2	47.9	48.1	47.9
90%	47.4	46.7	45.3	44.2	45.2	45.5	46.9	45.3	46.9	47.4	47.6	47.4

Table 5A-D1.30.4-B. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.8	48.6	46.9	45.8	46.8	48.4	49.3	46.9	49.0	49.6	49.6	49.3
Wet Water Years	48.4	47.7	46.3	45.4	46.2	47.1	48.5	45.8	47.3	48.5	48.9	48.0
Above Normal Water Years	49.3	47.9	46.5	45.6	46.1	47.8	49.5	46.5	48.5	49.3	49.1	48.8
Below Normal Water Years	49.6	48.9	46.9	45.6	46.7	48.4	49.5	47.0	49.9	49.9	49.1	49.1
Dry Water Years	50.3	49.1	47.3	45.8	47.2	49.7	49.7	47.5	50.1	49.5	49.5	49.8
Critical Water Years	52.9	50.6	48.4	47.2	48.1	50.0	50.1	48.9	50.7	51.7	52.6	52.3

Table 5A-D1.30.4-C. Trinity River Below Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.1	0.1	-0.1
20%	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.1
30%	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
40%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.1
50%	0.0	0.2	0.0	0.1	0.1	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0
60%	0.0	0.1	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	0.0	0.1	-0.1
70%	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%	0.1	-0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.1
90%	0.0	0.0	-0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1

Table 5A-D1.30.4-D. Trinity River Below Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0
Above Normal Water Years	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	-0.2	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1
Dry Water Years	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	0.0	0.1	-0.1	0.0	0.0	0.1	0.0	0.0	-0.1	-0.5	-0.4	-0.2

Table 5A-D1.30.4-E. Trinity River Below Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.4%	0.0%	0.0%	-0.1%	-0.1%	0.1%	-0.1%
20%	-0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	0.1%
30%	-0.2%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%
40%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	-0.3%	0.0%	0.0%	0.2%
50%	-0.1%	0.4%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%	-0.1%	-0.2%	0.0%	0.1%
60%	0.0%	0.2%	0.0%	0.1%	-0.1%	-0.4%	-0.1%	0.0%	0.0%	0.0%	0.1%	-0.1%
70%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.3%	-0.4%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.3%
90%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.2%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.2%

Table 5A-D1.30.4-F. Trinity River Below Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	-0.1%
Wet Water Years	0.0%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%
Below Normal Water Years	-0.3%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	0.1%	0.1%	-0.2%
Dry Water Years	0.0%	0.1%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	0.1%	0.2%	-0.2%	0.0%	0.1%	0.2%	0.0%	0.0%	-0.2%	-0.9%	-0.8%	-0.3%

Table 5A-D1.30.5-A. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	52.1	50.6	48.6	47.3	48.6	51.0	51.0	48.5	51.4	52.2	52.3	51.9
20%	51.4	50.0	48.1	46.7	47.8	50.2	50.6	48.0	50.9	51.1	51.1	50.6
30%	51.0	49.5	47.6	46.4	47.5	49.7	50.2	47.6	50.1	50.3	50.1	49.8
40%	50.5	49.0	47.3	46.0	47.1	49.1	49.7	47.0	49.2	49.7	49.3	49.4
50%	49.6	48.5	47.0	45.7	46.8	48.4	49.5	46.7	48.8	49.2	49.1	49.0
60%	49.2	48.2	46.6	45.4	46.3	47.7	49.3	46.4	48.5	48.9	48.9	48.7
70%	48.4	47.8	46.2	45.2	45.7	47.1	48.8	46.1	47.9	48.3	48.6	48.2
80%	48.0	47.4	45.8	44.9	45.4	46.2	48.3	45.6	47.2	47.9	48.0	47.9
90%	47.4	46.7	45.3	44.2	45.2	45.5	46.9	45.4	46.9	47.4	47.6	47.4

Table 5A-D1.30.5-B. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	49.8	48.6	46.9	45.8	46.8	48.3	49.3	46.9	49.0	49.6	49.6	49.3
Wet Water Years	48.4	47.7	46.3	45.4	46.2	47.1	48.5	45.8	47.3	48.6	48.9	48.0
Above Normal Water Years	49.3	47.9	46.5	45.6	46.1	47.8	49.5	46.5	48.5	49.3	49.1	48.8
Below Normal Water Years	49.9	48.9	46.9	45.6	46.7	48.4	49.5	47.0	49.9	49.9	49.1	49.1
Dry Water Years	50.3	49.1	47.3	45.9	47.2	49.7	49.7	47.5	50.1	49.4	49.5	49.8
Critical Water Years	52.8	50.5	48.5	47.2	48.1	50.0	50.1	48.9	50.7	51.8	52.7	52.3

Table 5A-D1.30.5-C. Trinity River Below Lewiston, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1
20%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
30%	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
40%	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%	0.0	0.2	0.0	0.1	0.1	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0
60%	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
80%	0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.2
90%	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1

Table 5A-D1.30.5-D. Trinity River Below Lewiston, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
Wet Water Years	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Above Normal Water Years	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	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1
Dry Water Years	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
Critical Water Years	-0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	-0.1	-0.4	-0.3	-0.2

Table 5A-D1.30.5-E. Trinity River Below Lewiston, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	-0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.1%
20%	0.1%	-0.2%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.2%	-0.1%
30%	0.1%	0.0%	0.0%	-0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
40%	0.2%	0.0%	-0.1%	0.1%	-0.1%	0.1%	0.0%	0.0%	-0.3%	-0.1%	0.0%	0.1%
50%	0.1%	0.4%	0.0%	0.1%	0.2%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%
60%	0.0%	0.1%	0.0%	0.0%	-0.2%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.1%
70%	-0.1%	-0.2%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.2%
80%	0.3%	-0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	0.3%
90%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.2%

Table 5A-D1.30.5-F. Trinity River Below Lewiston, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%
Wet Water Years	0.0%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Above Normal Water Years	-0.1%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.1%	-0.1%
Dry Water Years	0.0%	0.1%	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.2%	0.0%	-0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	-0.2%	-0.8%	-0.5%	-0.3%

Figure 5A-D1.30.1. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

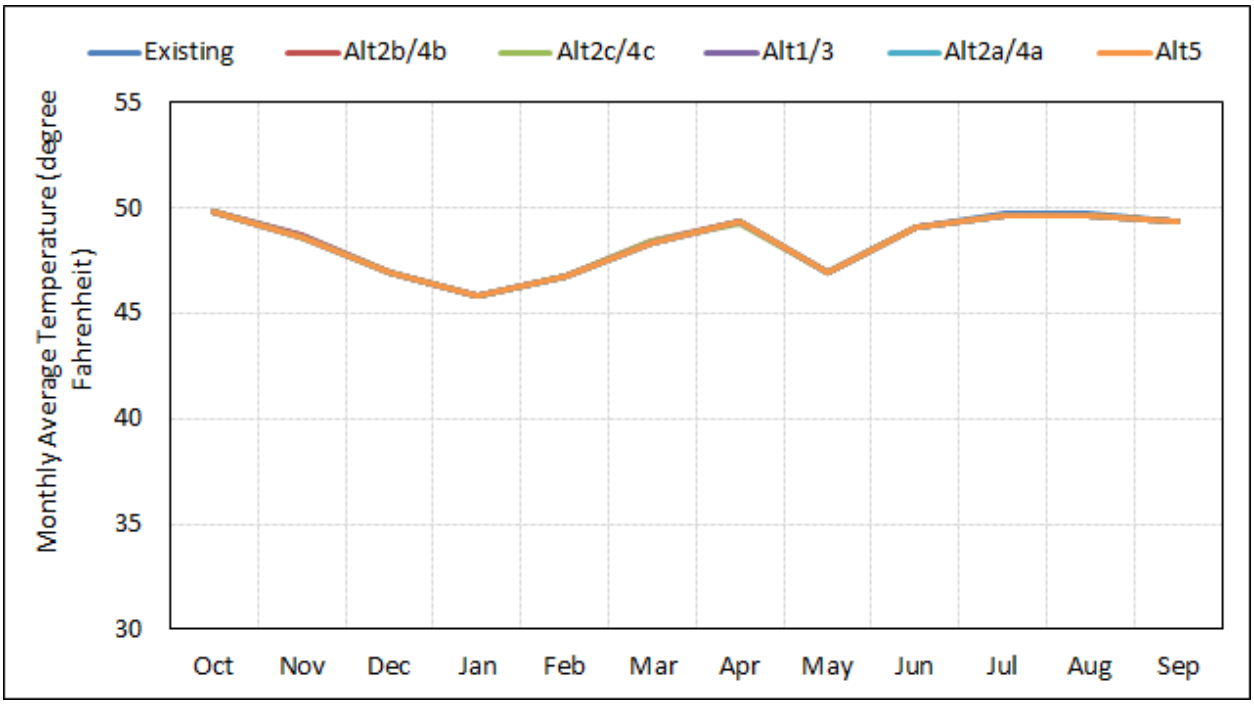


Figure 5A-D1.30.2. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

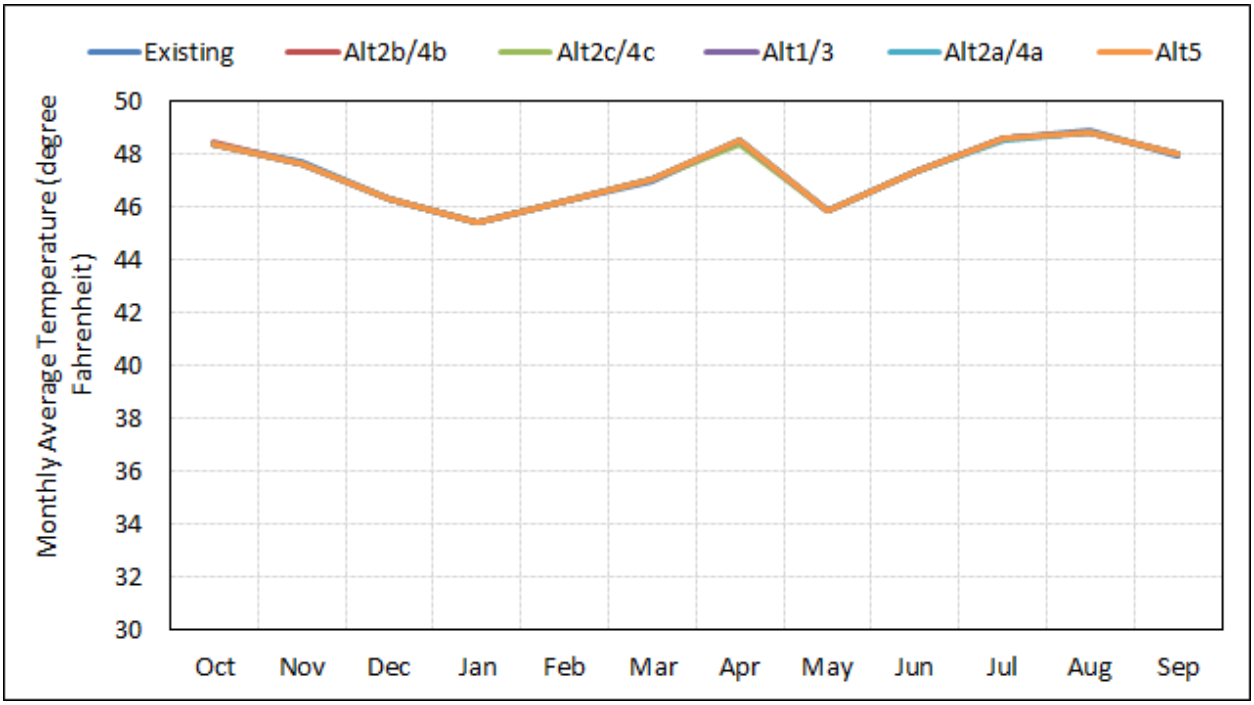


Figure 5A-D1.30.3. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

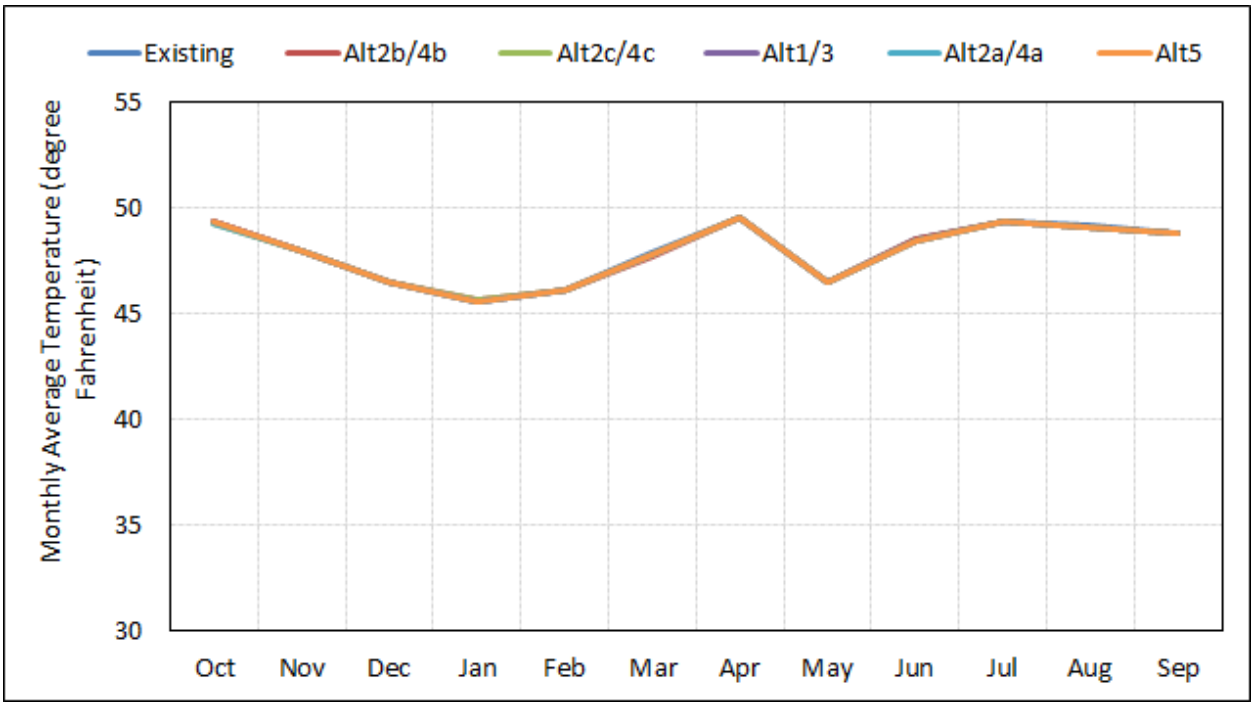


Figure 5A-D1.30.4. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

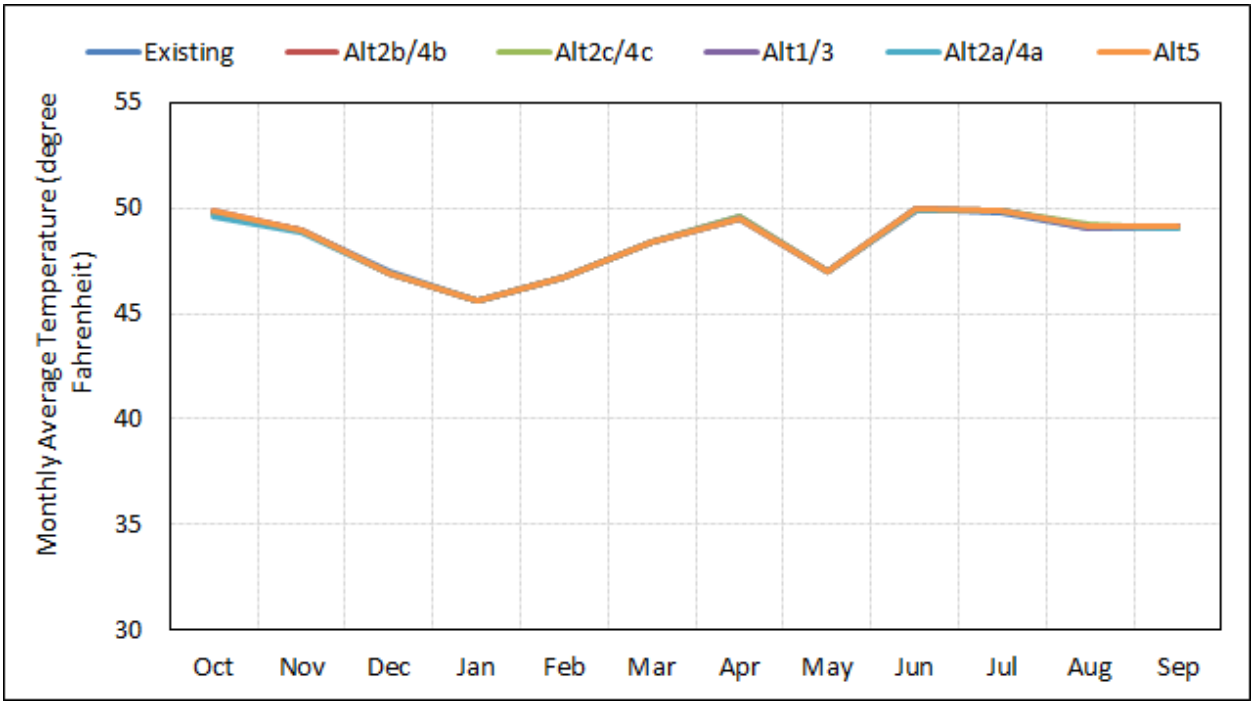


Figure 5A-D1.30.5. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

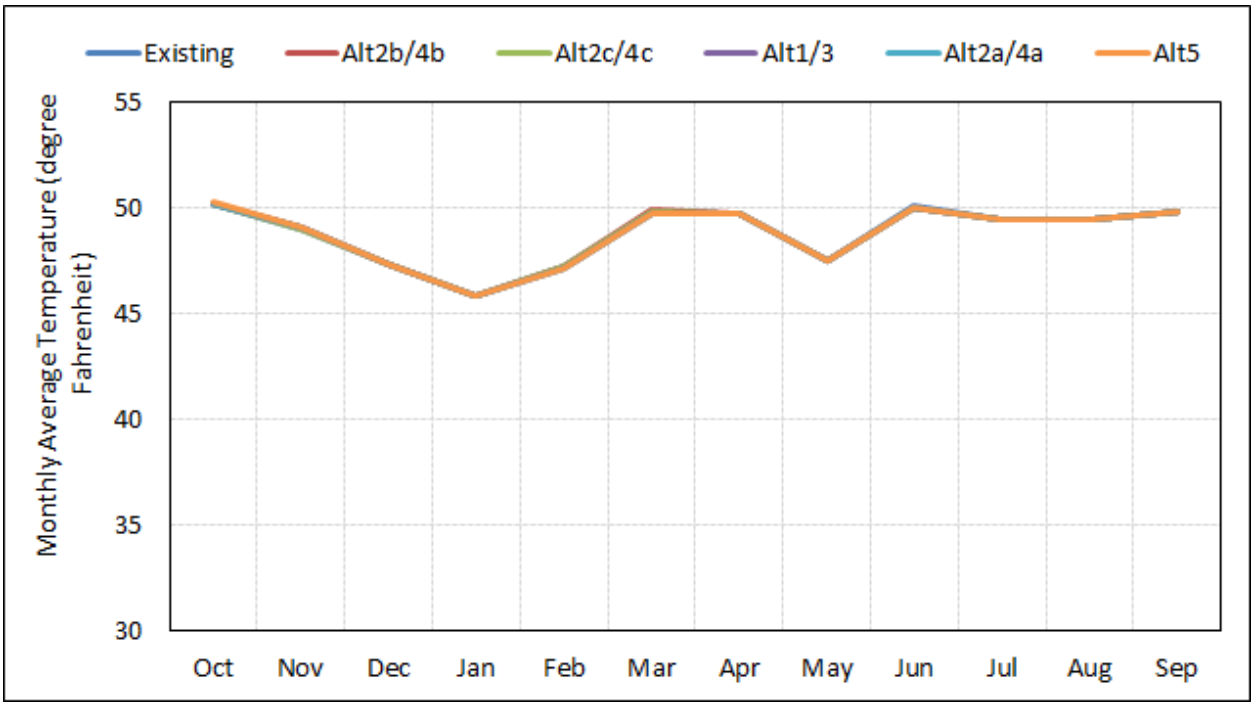


Figure 5A-D1.30.6. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

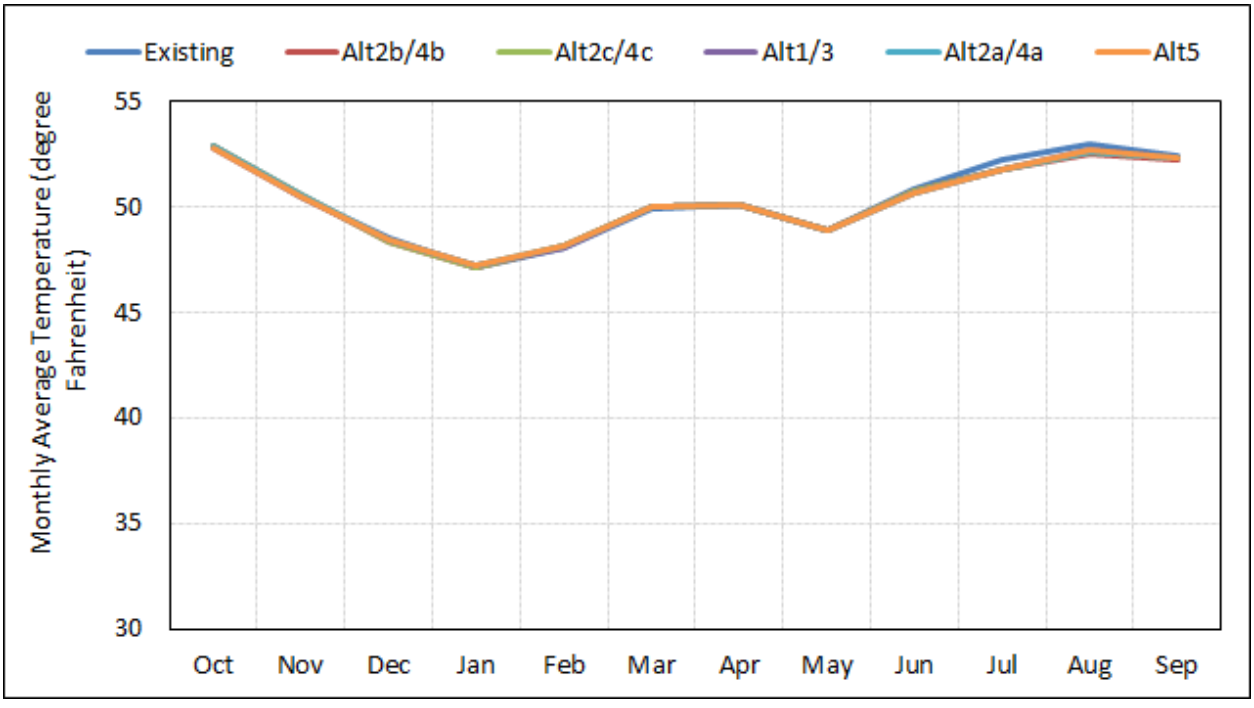


Figure 5A-D1.30.7. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

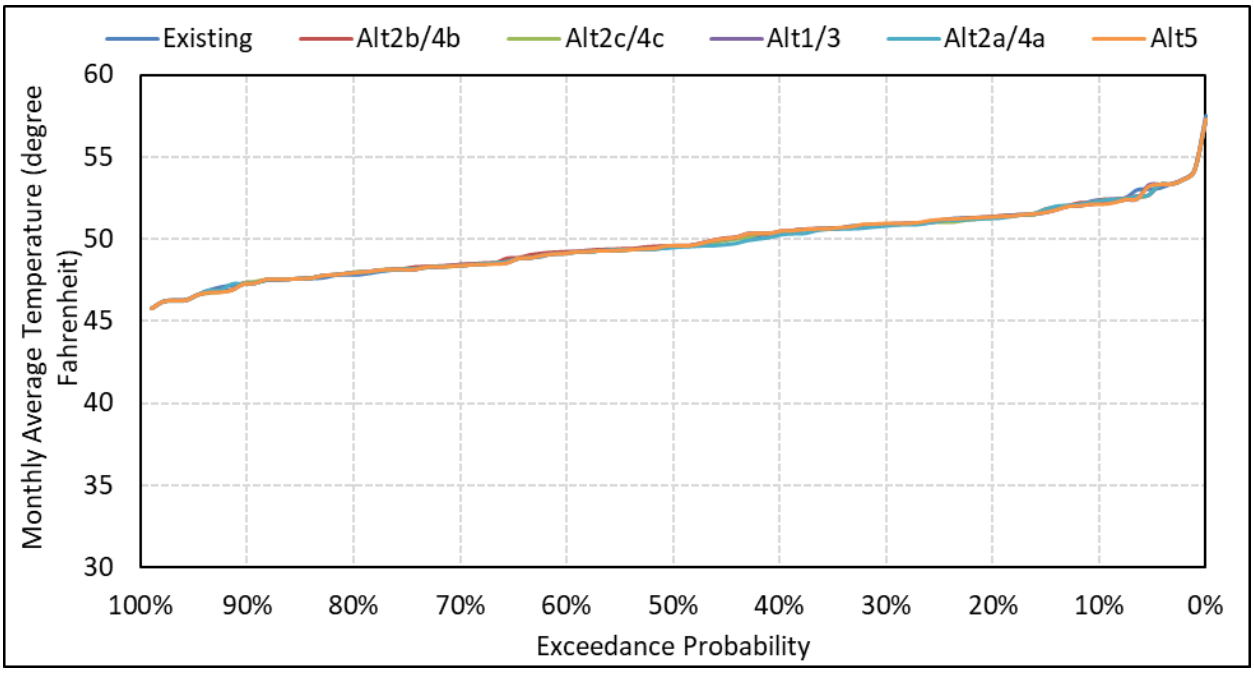


Figure 5A-D1.30.8. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

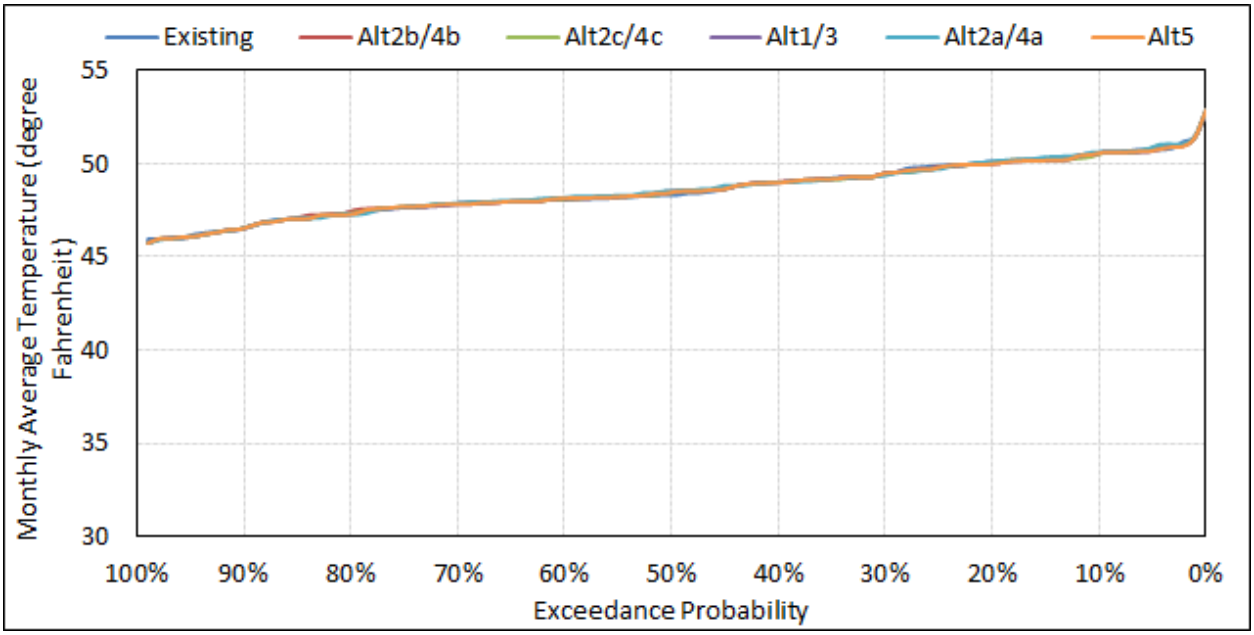


Figure 5A-D1.30.9. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

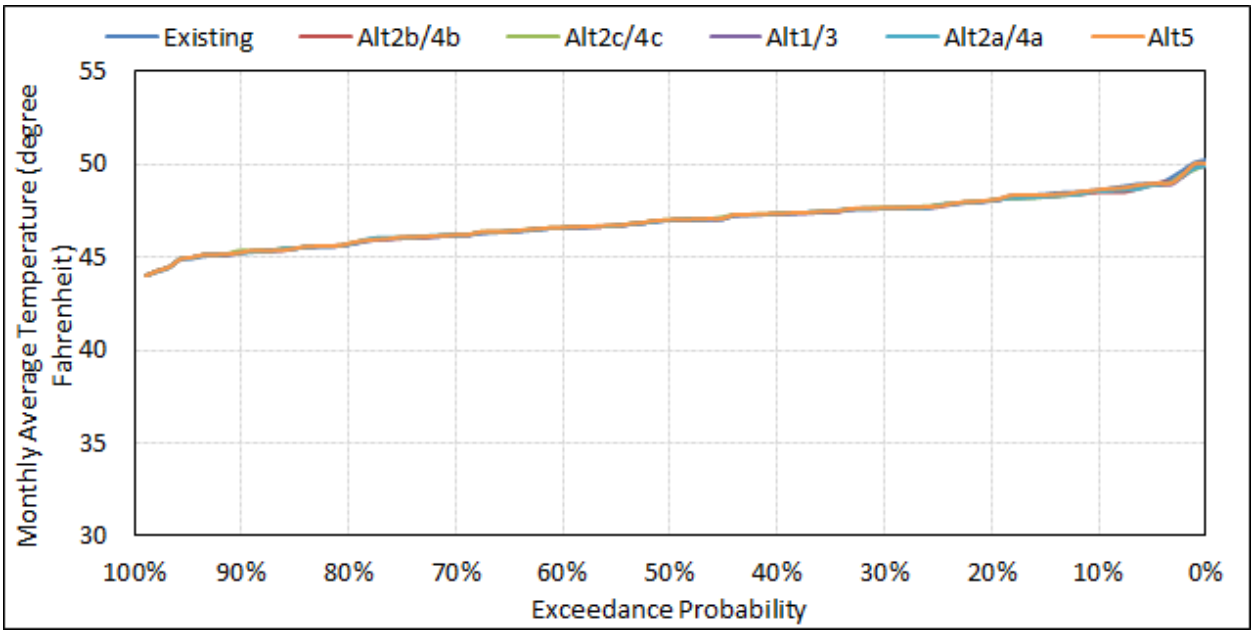


Figure 5A-D1.30.10. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

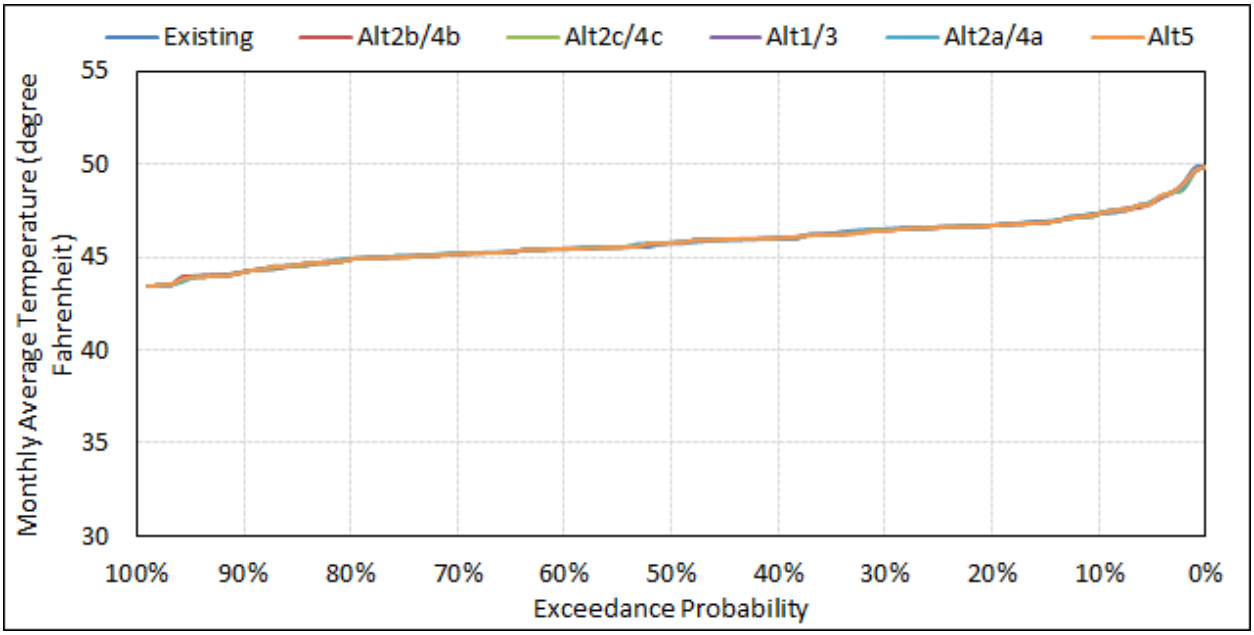


Figure 5A-D1.30.11. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

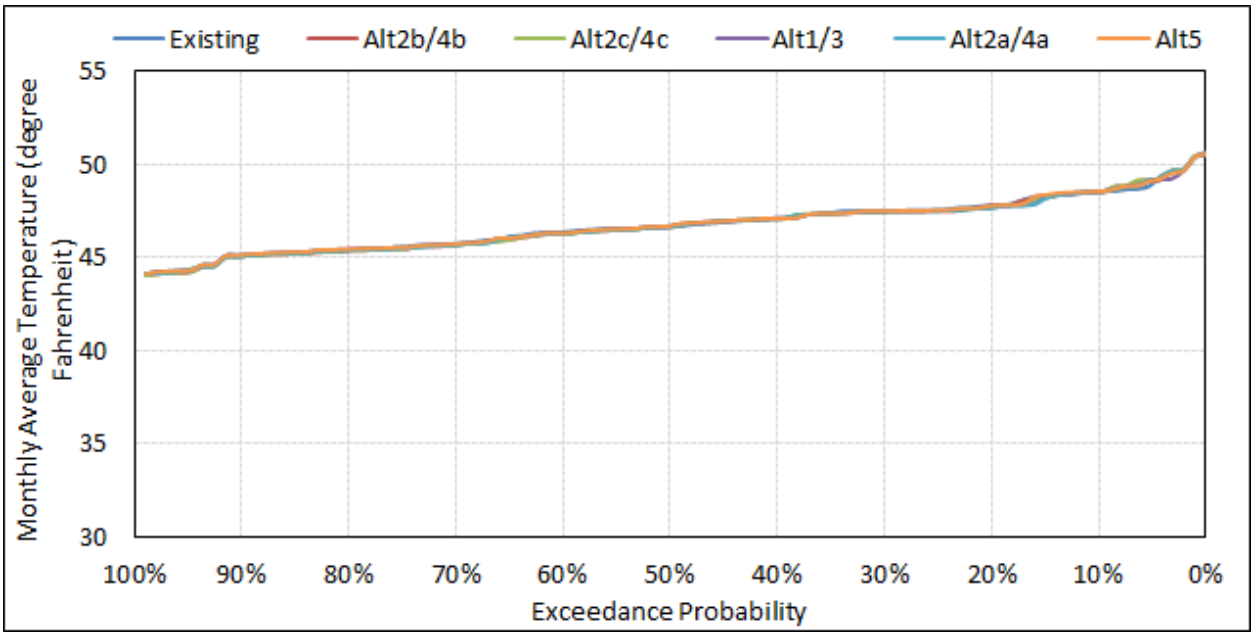


Figure 5A-D1.30.12. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

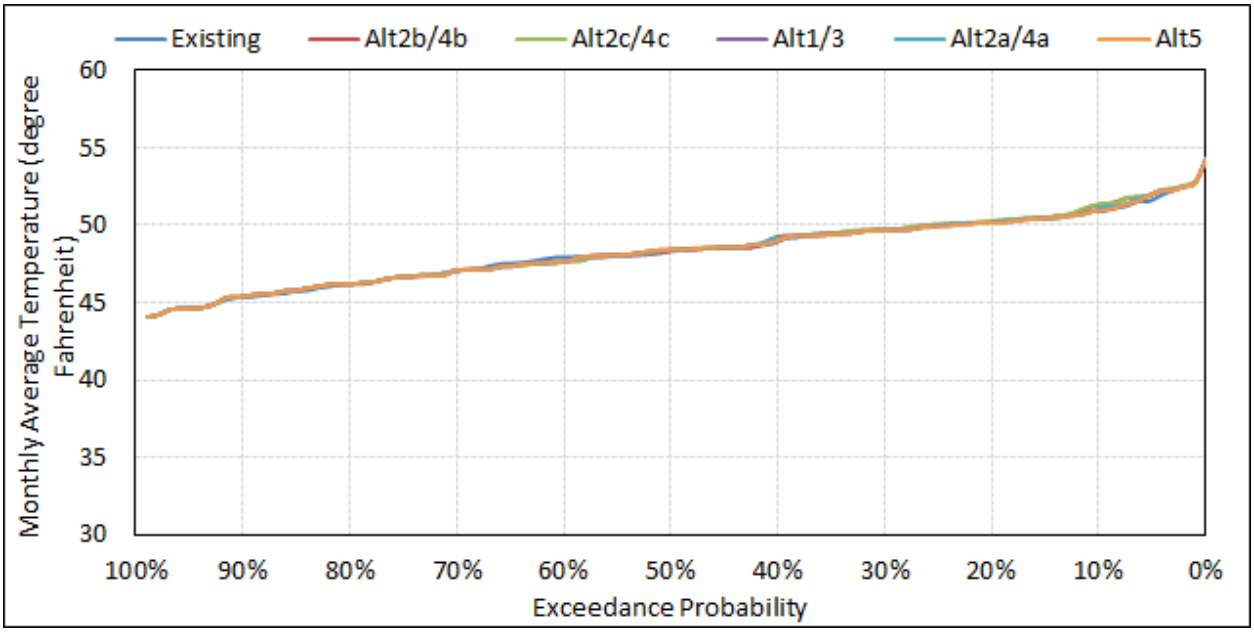


Figure 5A-D1.30.13. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

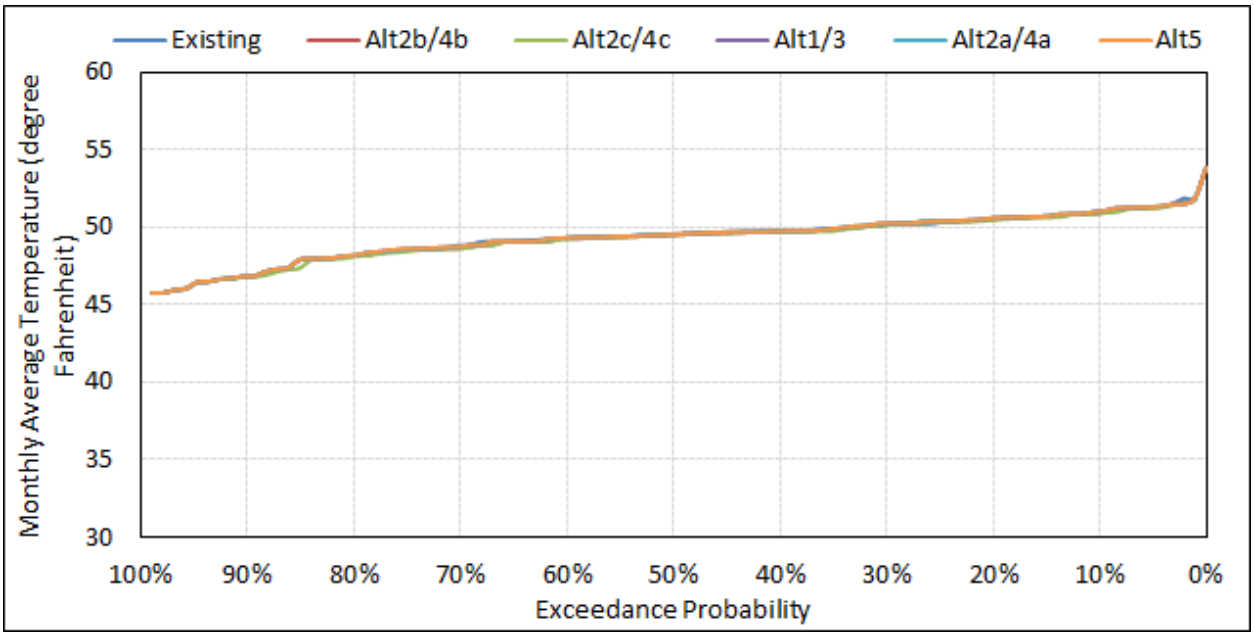


Figure 5A-D1.30.14. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

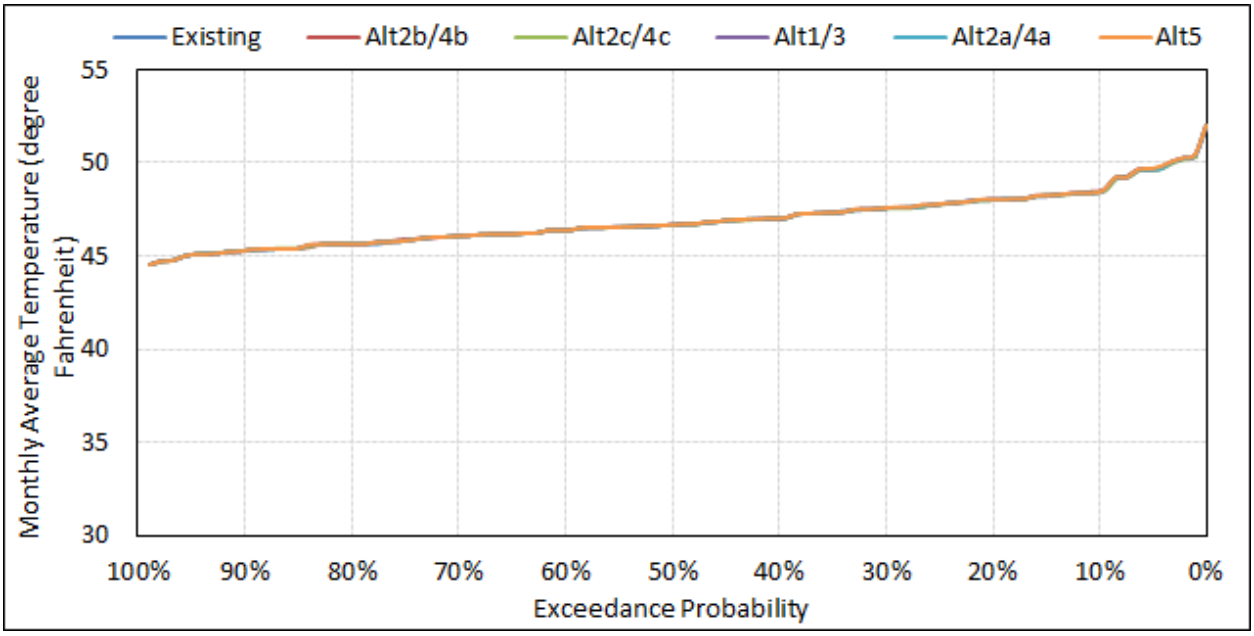


Figure 5A-D1.30.15. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

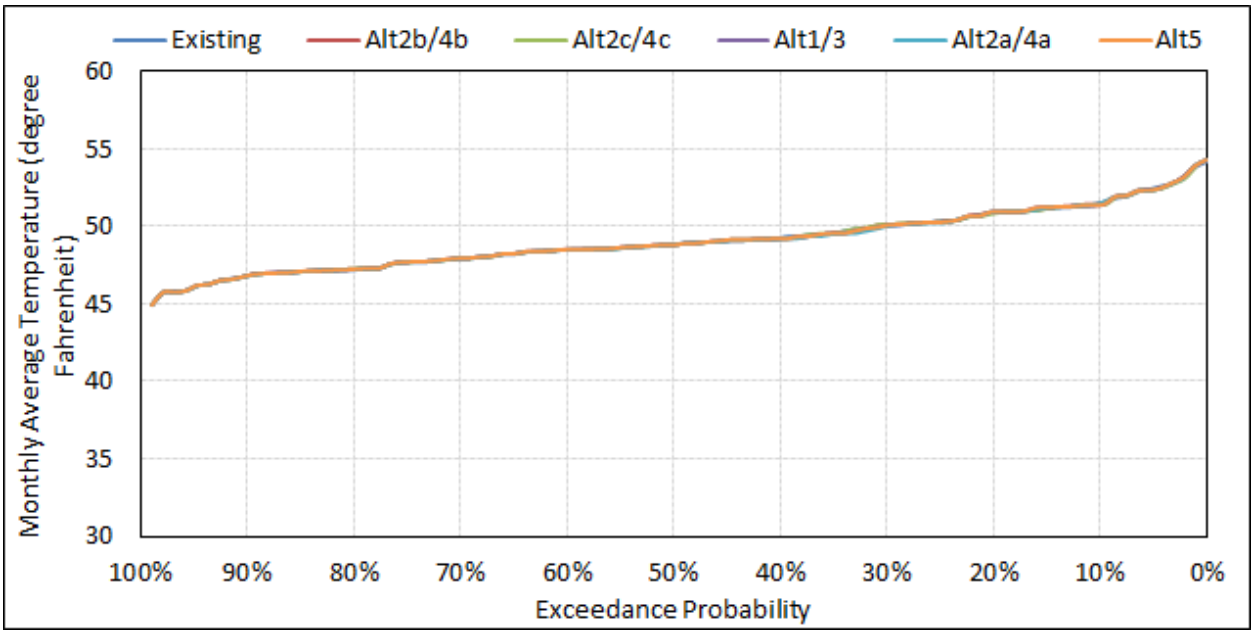


Figure 5A-D1.30.16. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

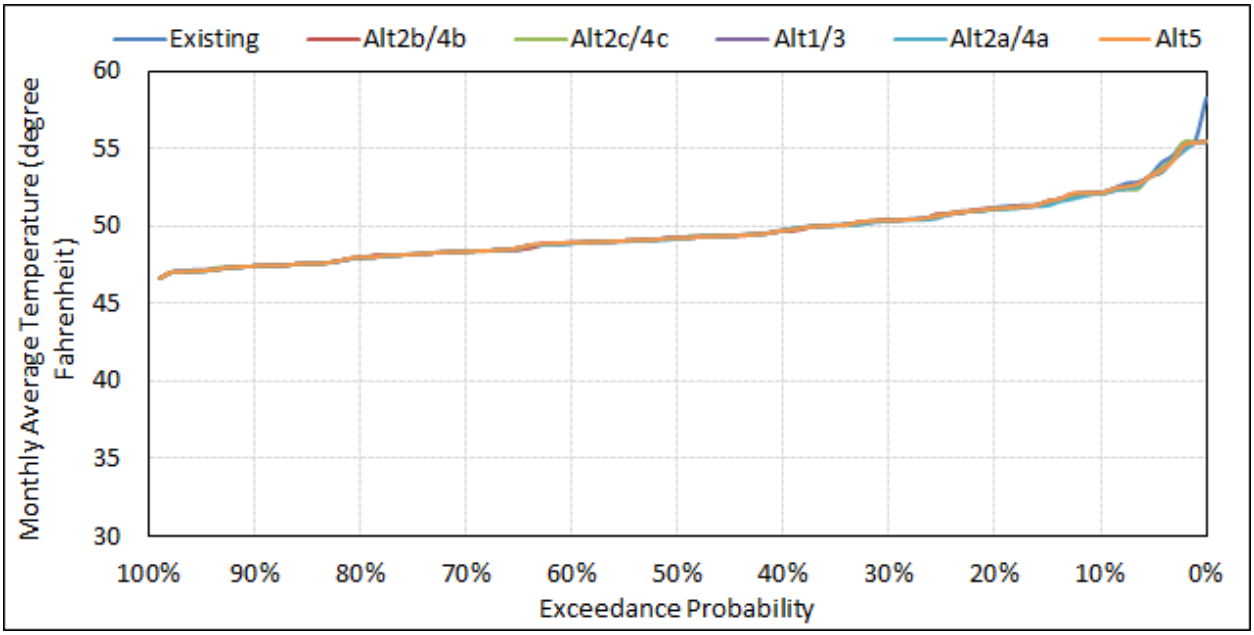


Figure 5A-D1.30.17. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

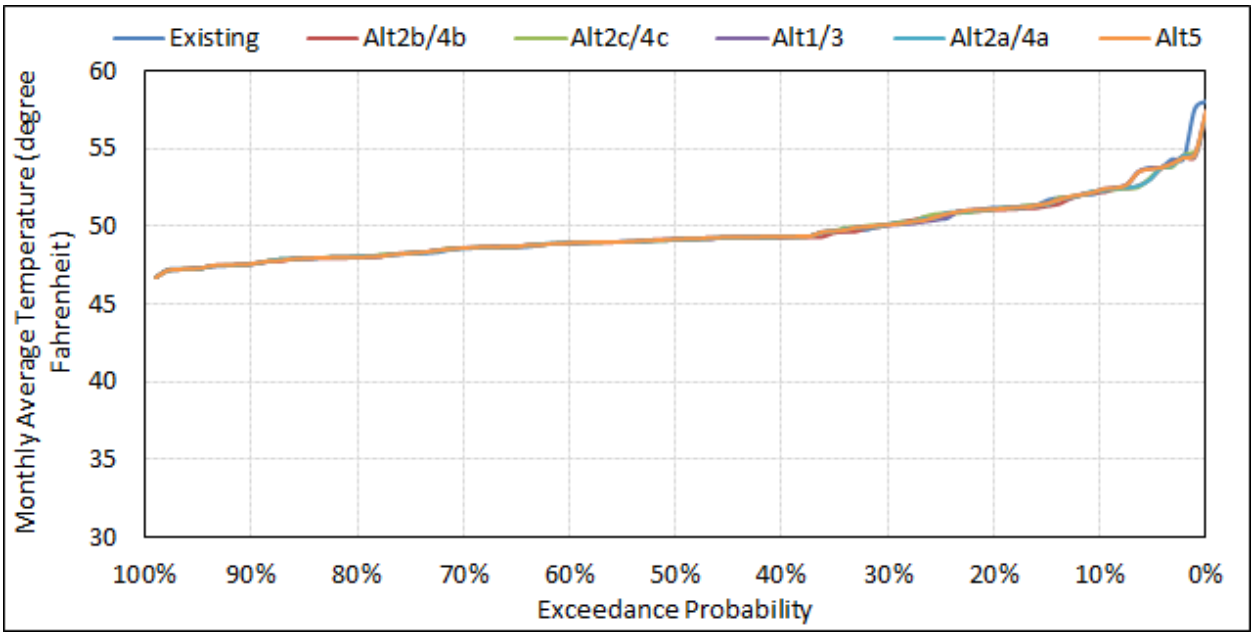


Figure 5A-D1.30.18. Trinity River Below Lewiston, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

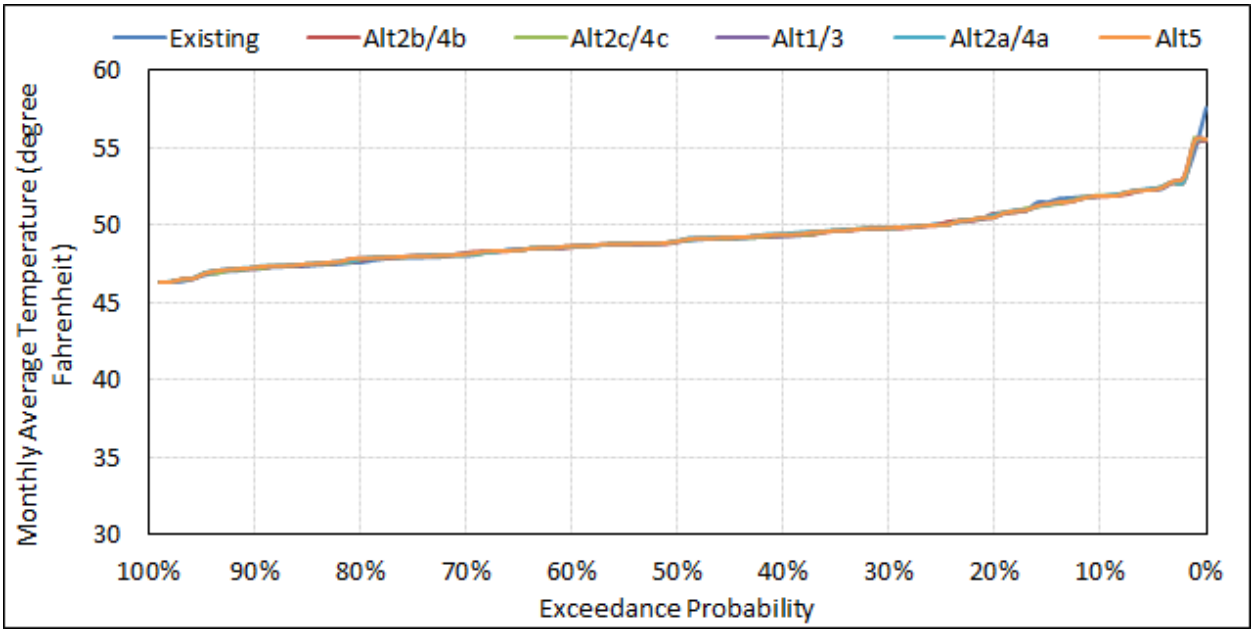
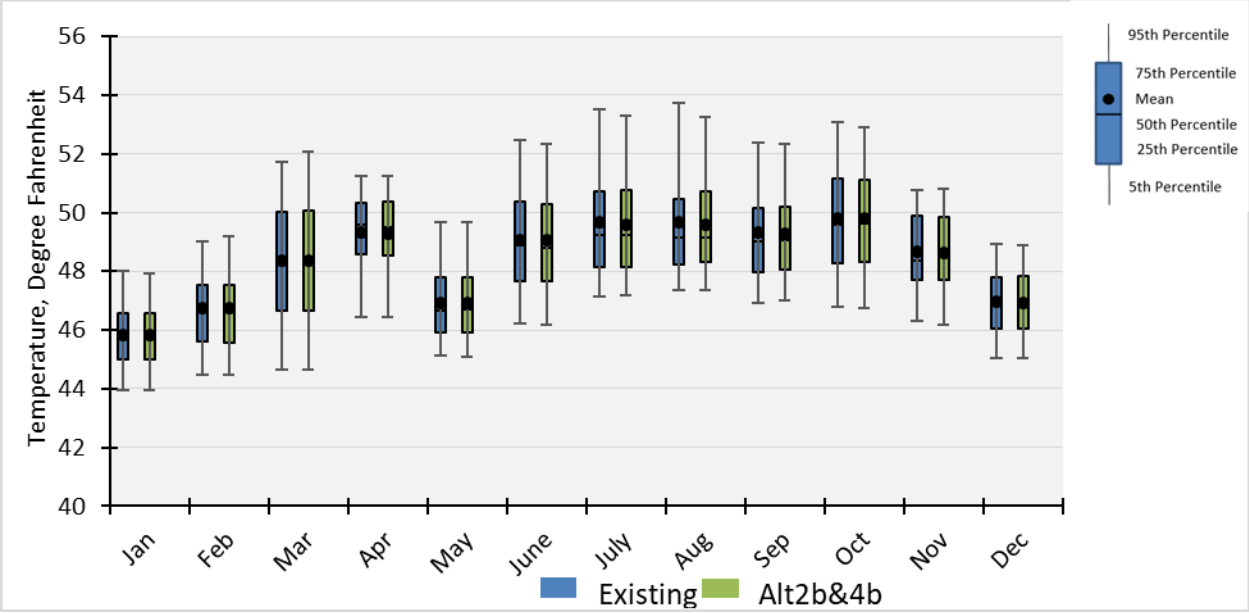


Figure 5A-D1.30.19. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



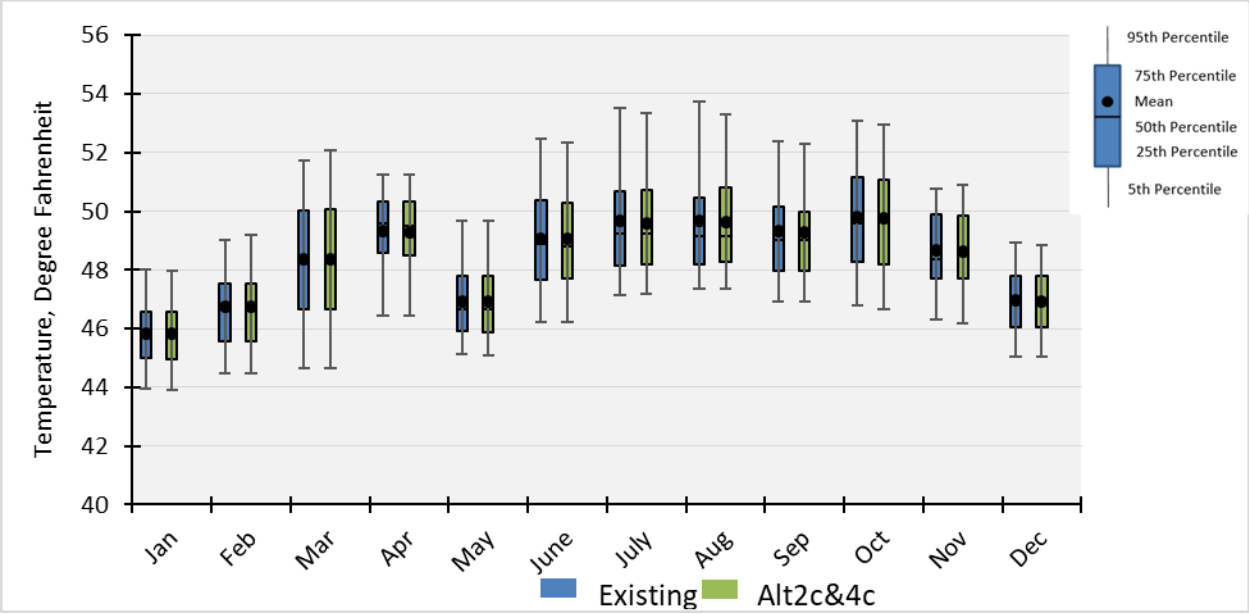
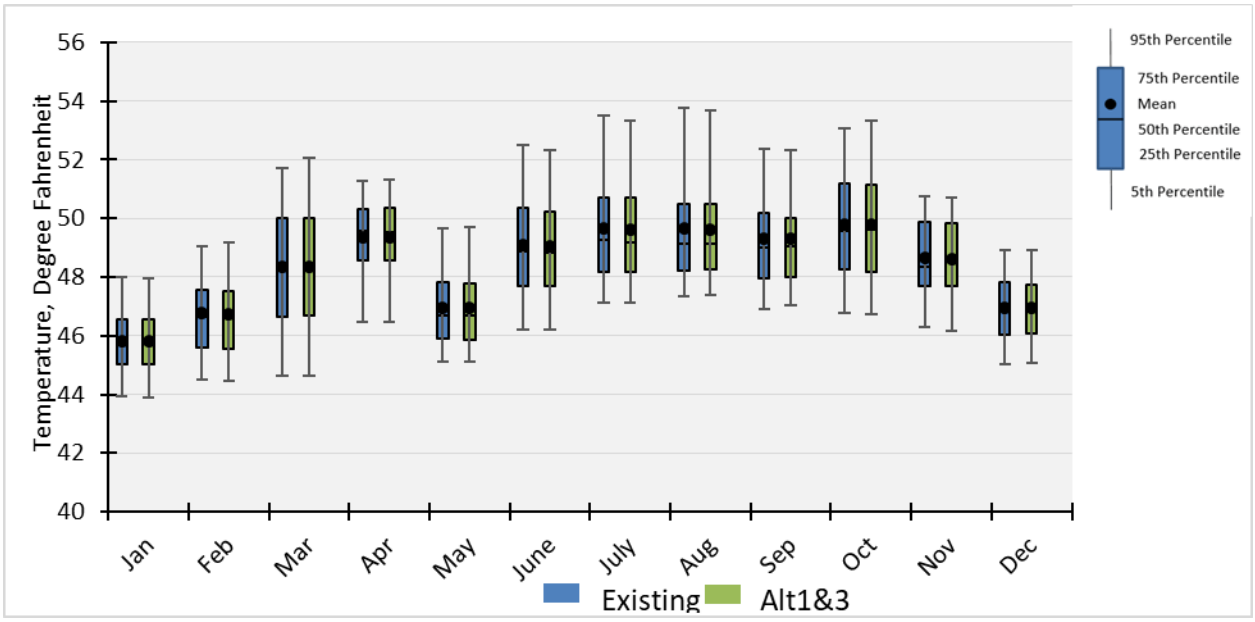


Figure 5A-D1.30.20. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



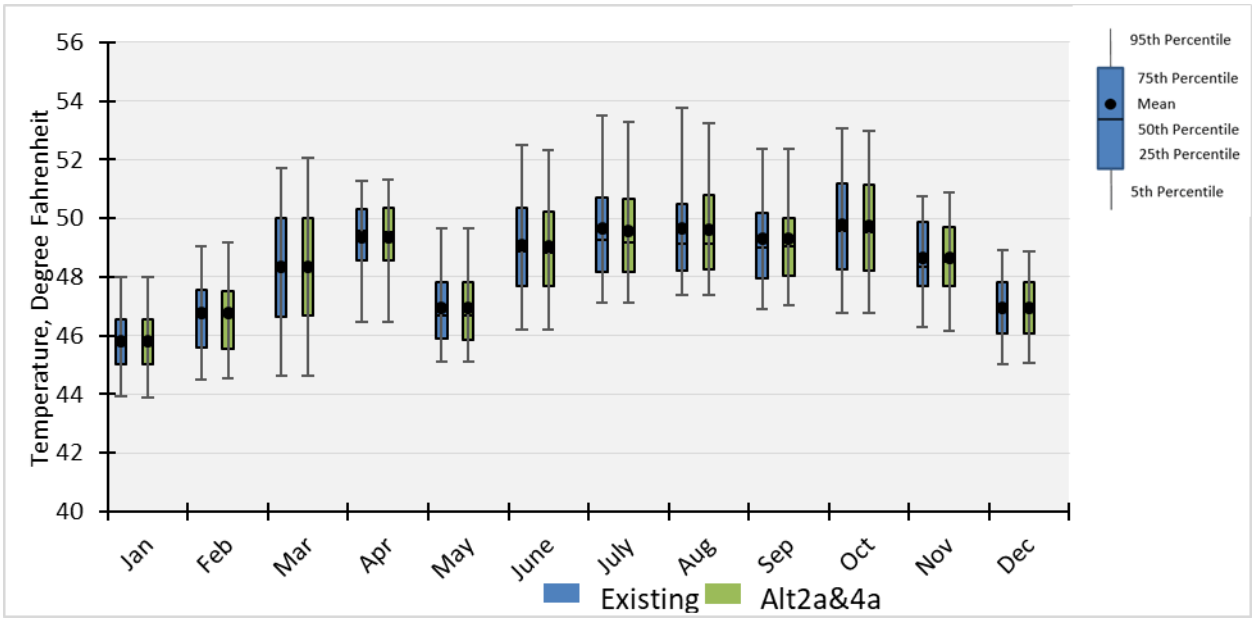


Figure 5A-D1.30.21. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

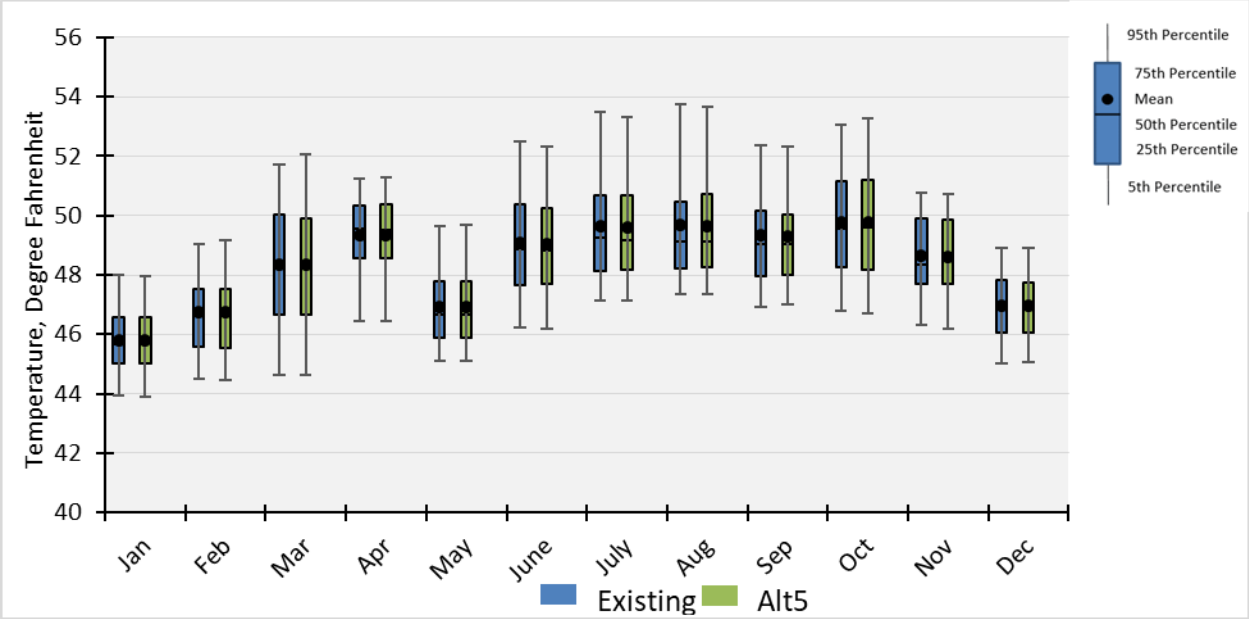
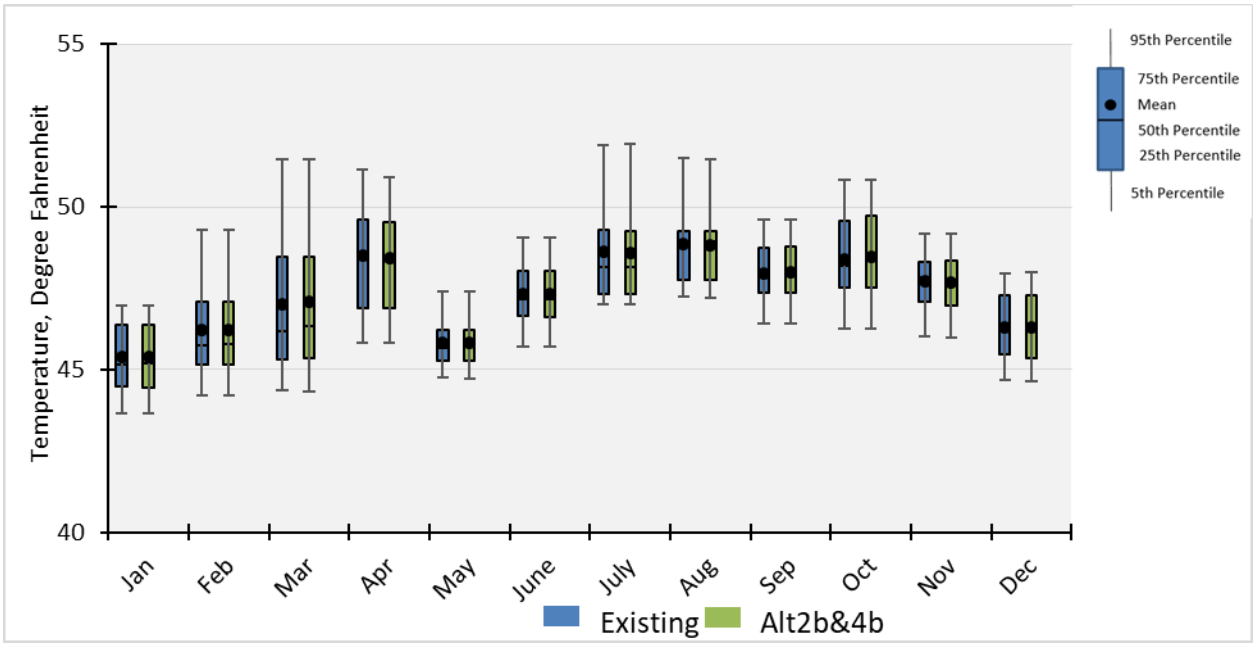


Figure 5A-D1.30.22. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



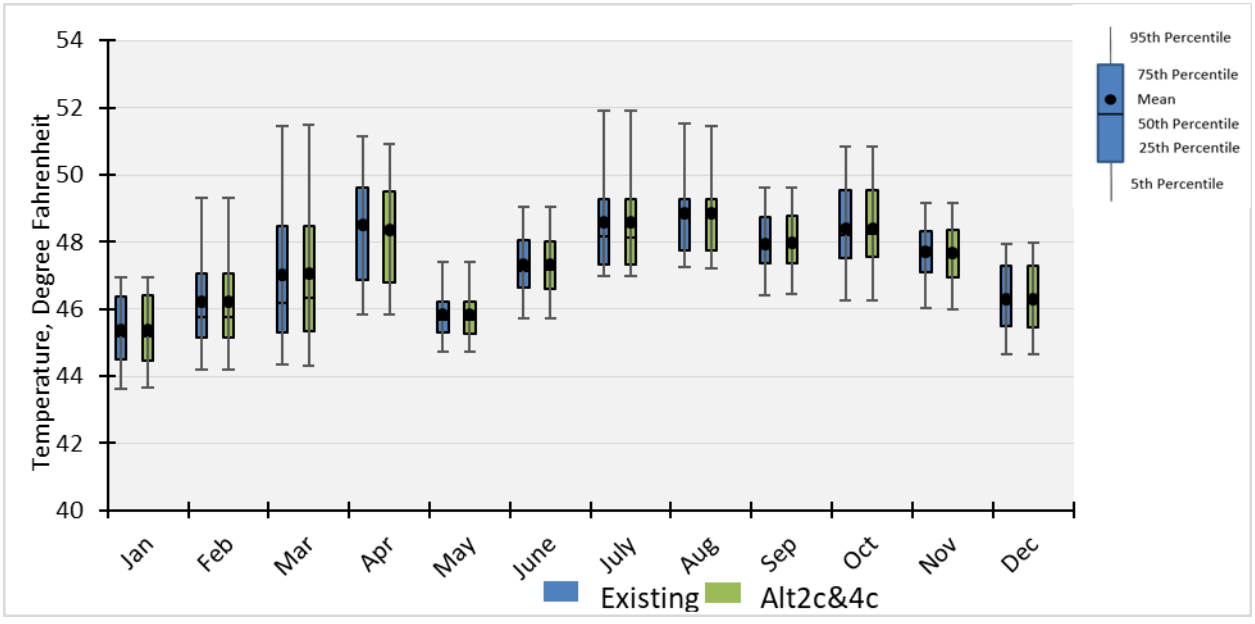
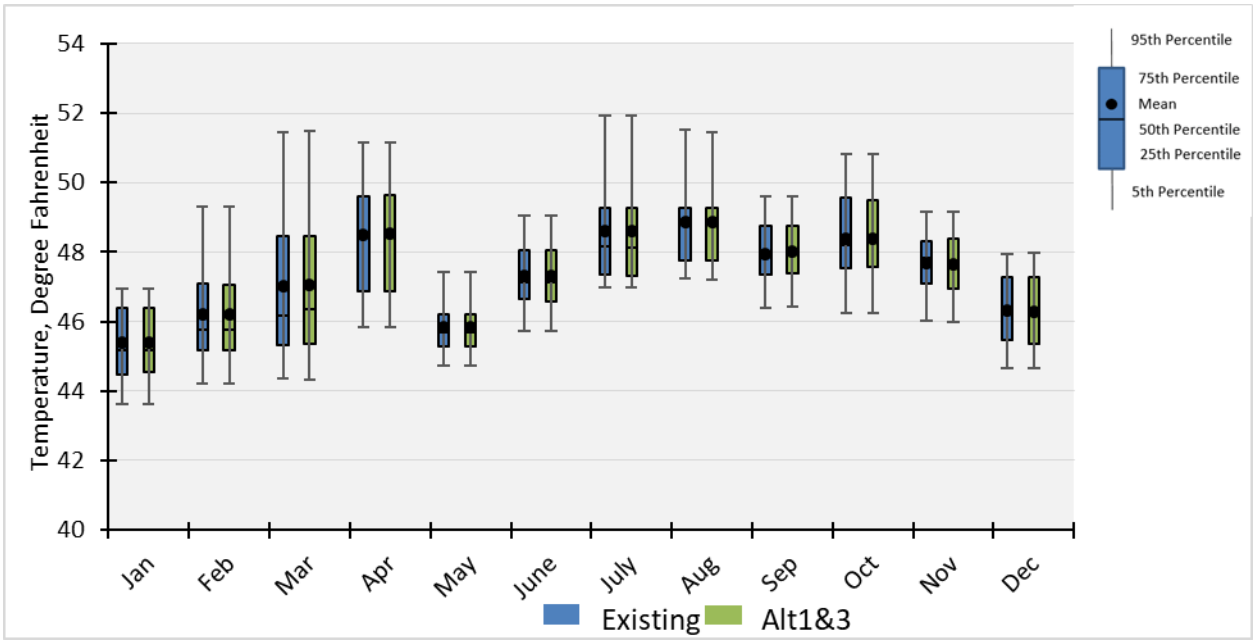


Figure 5A-D1.30.23. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



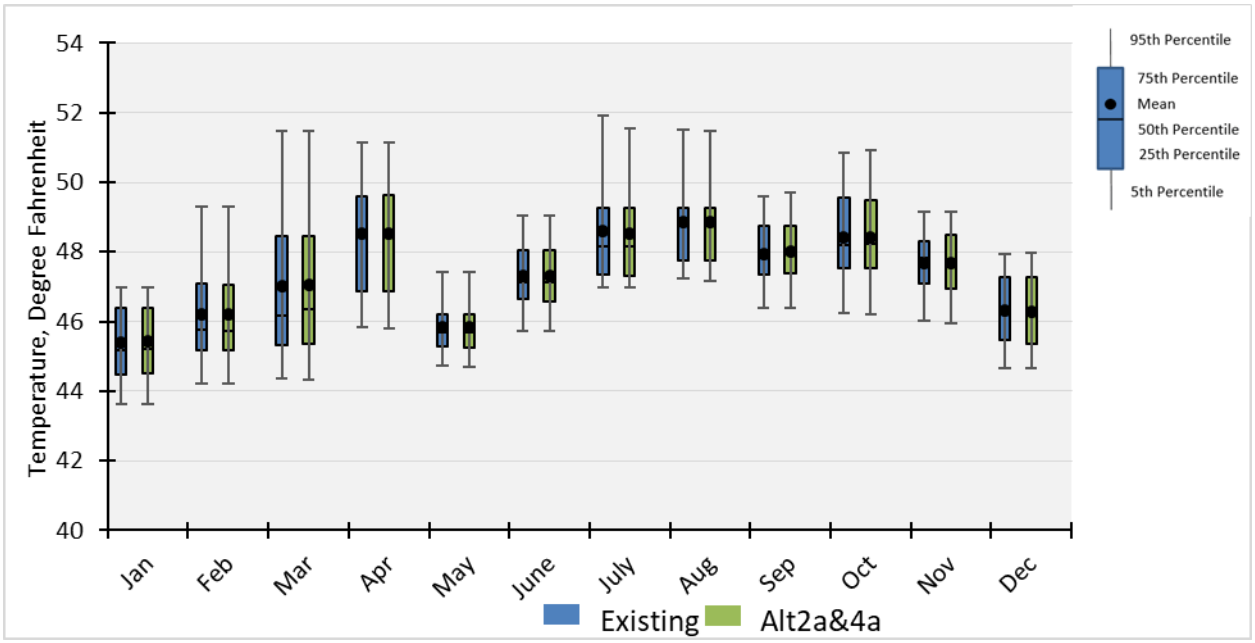


Figure 5A-D1.30.24. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

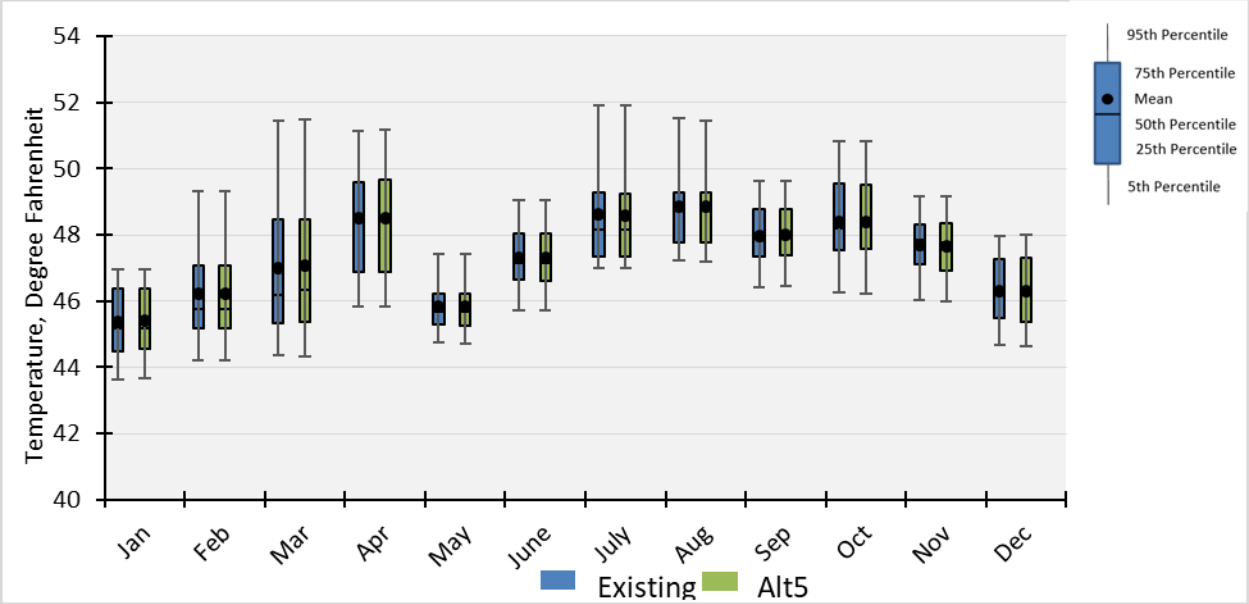
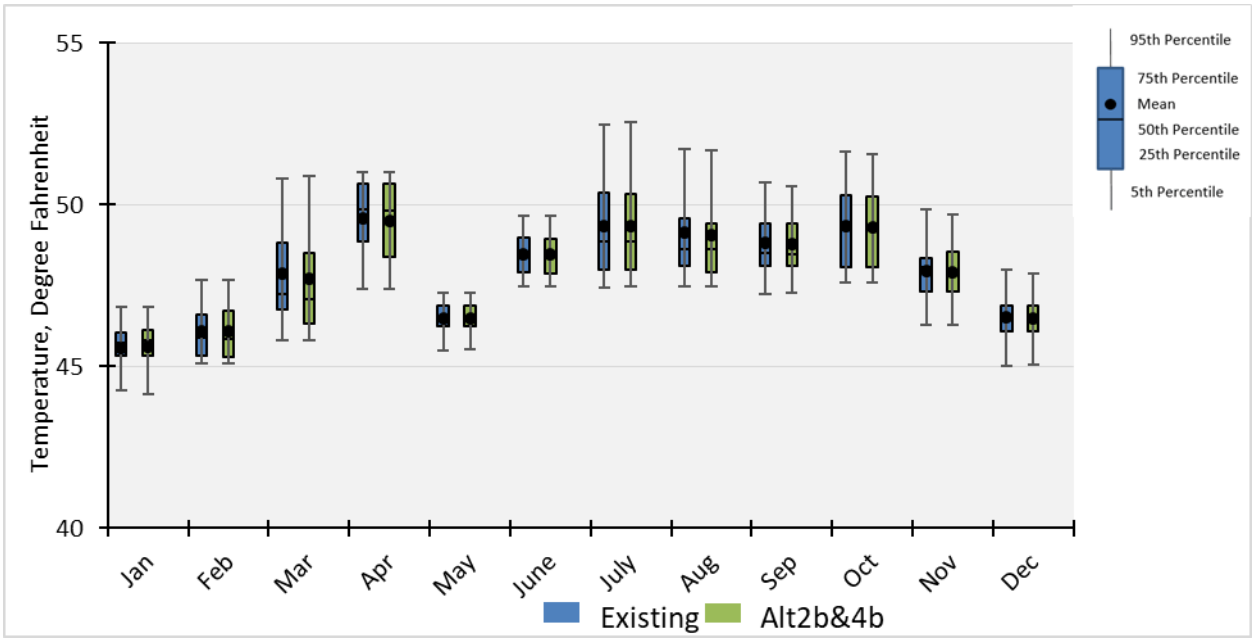


Figure 5A-D1.30.25. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



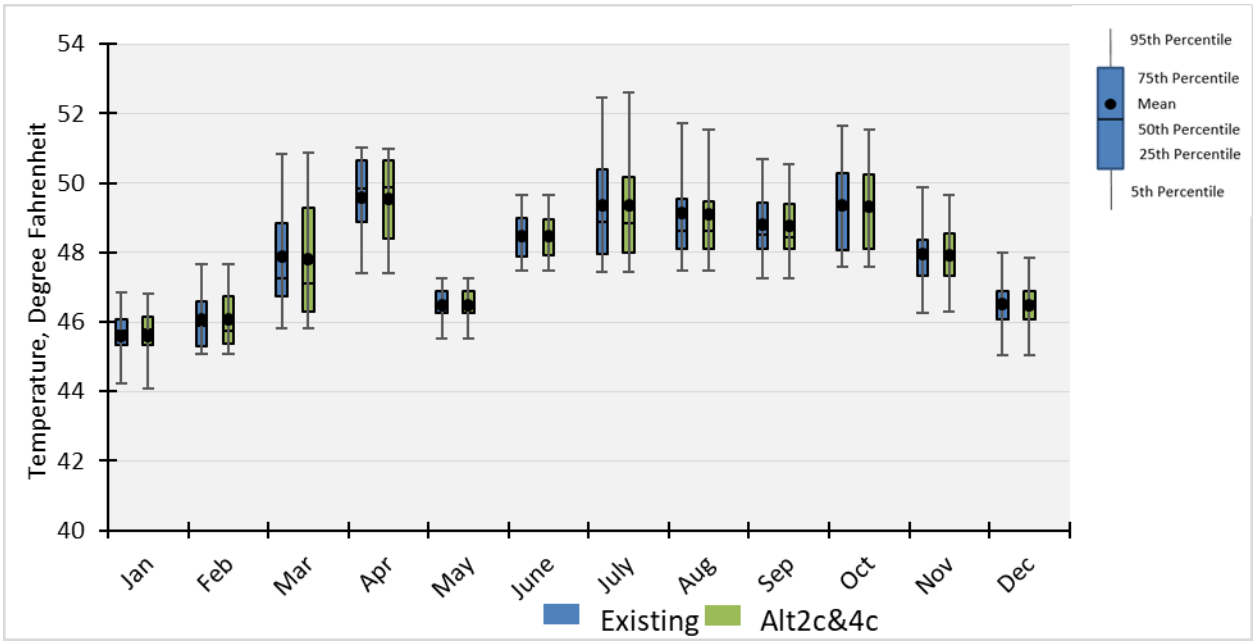
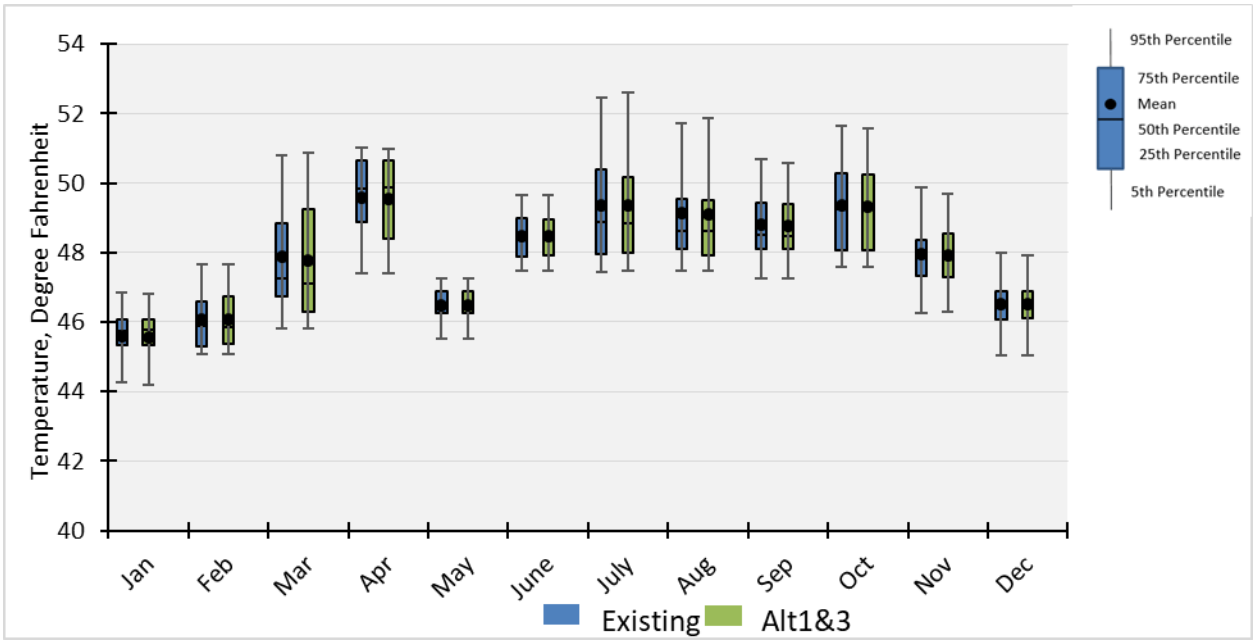


Figure 5A-D1.30.26. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



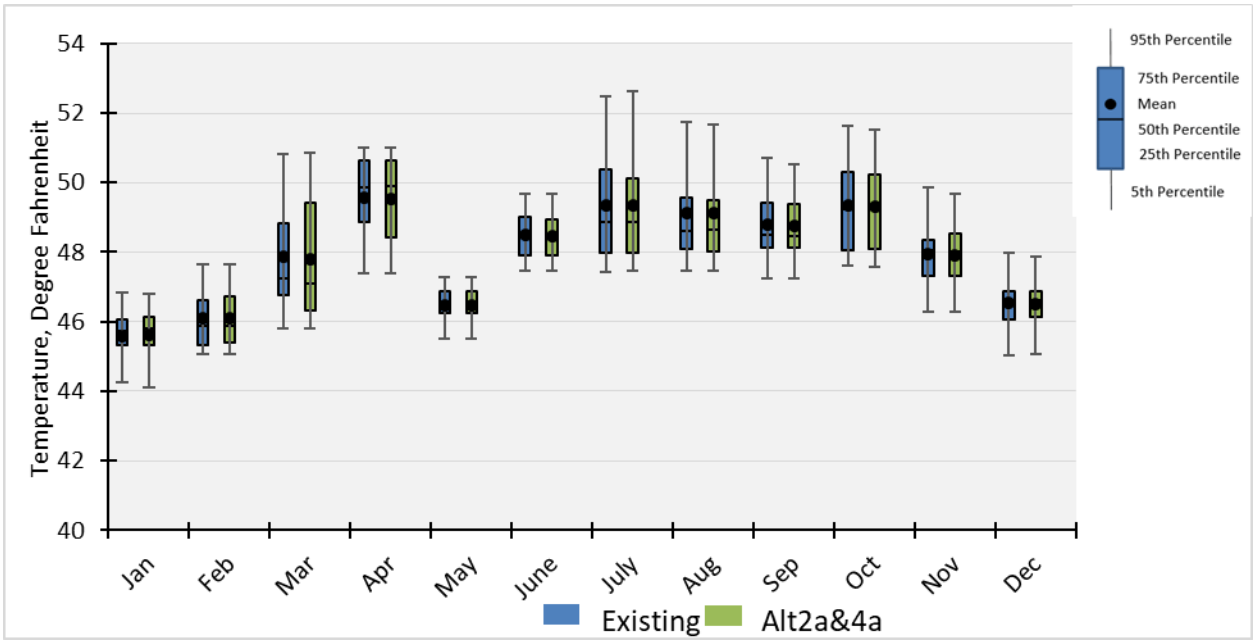


Figure 5A-D1.30.27. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

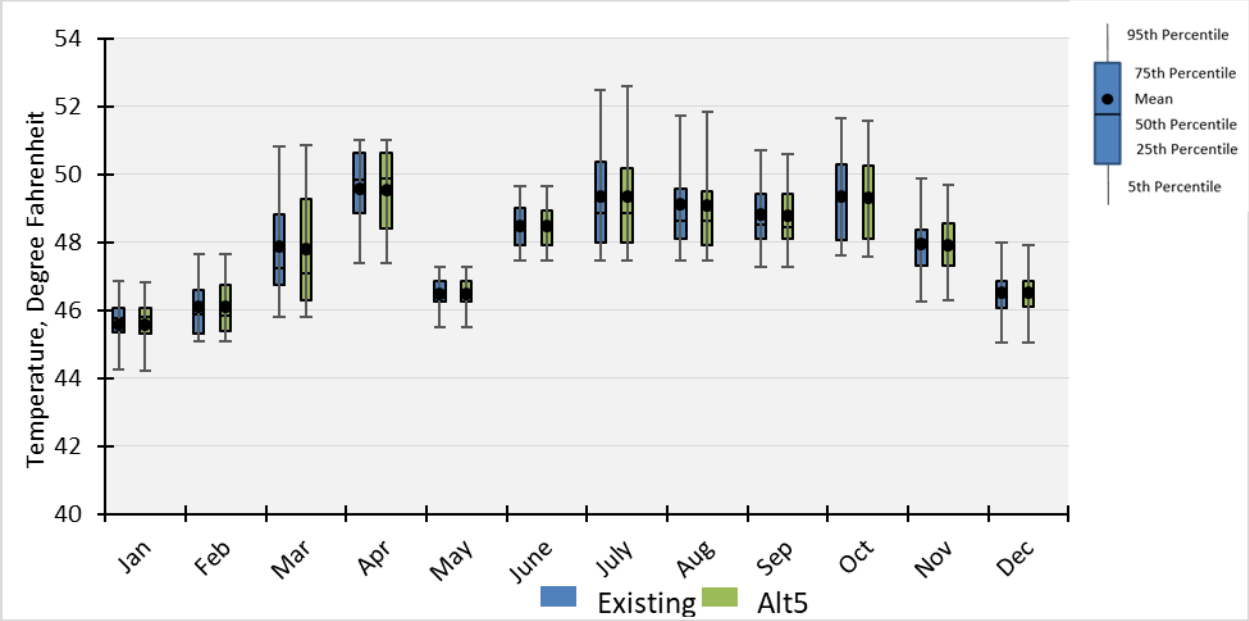
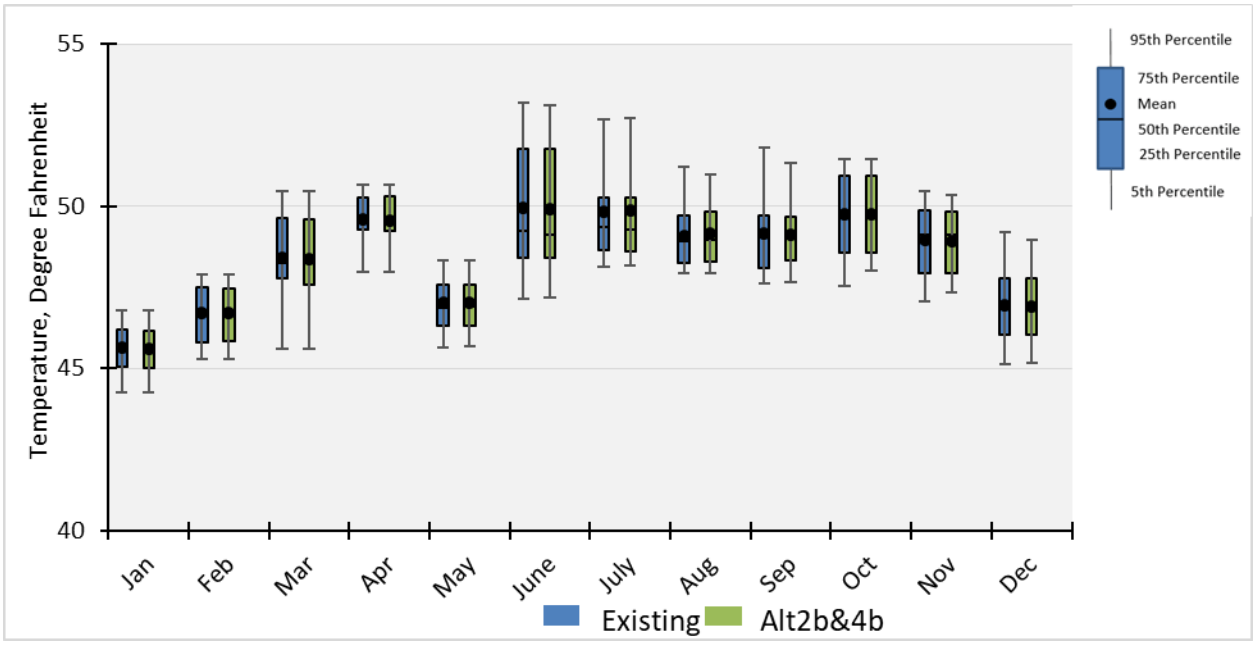


Figure 5A-D1.30.28. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



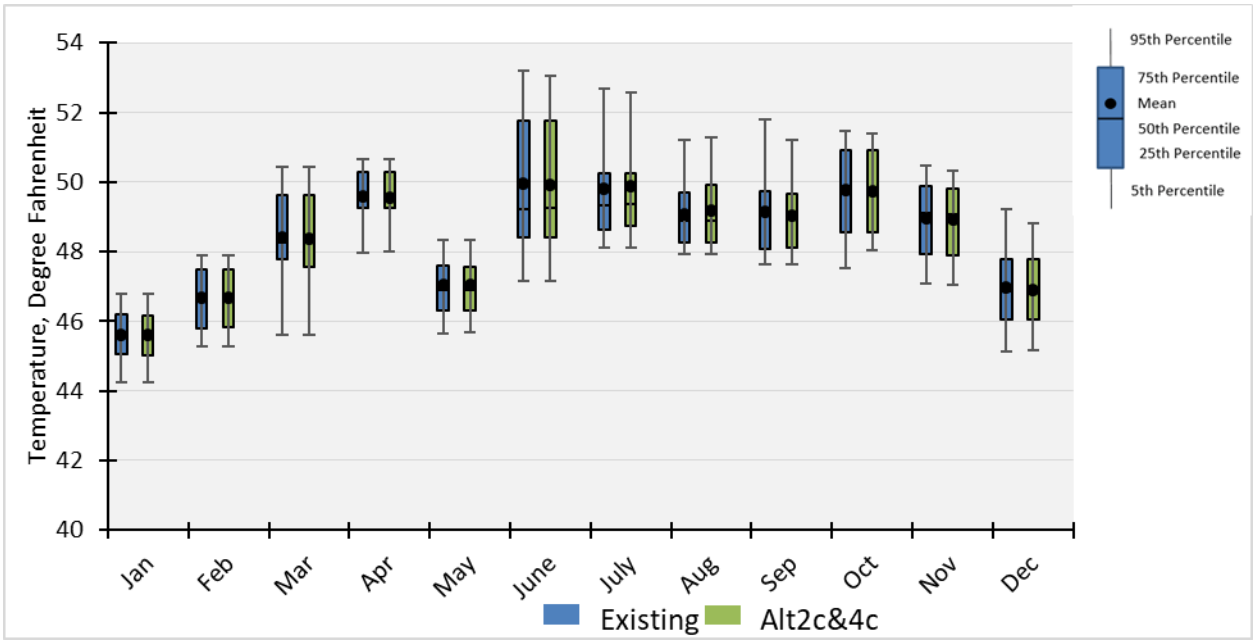
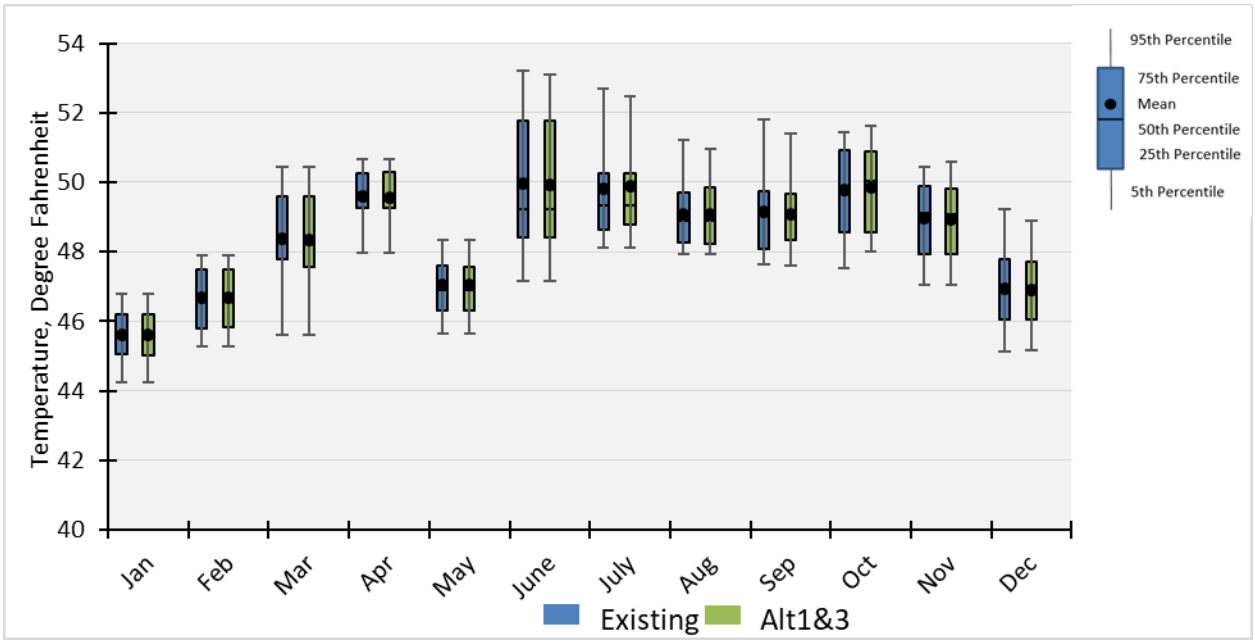


Figure 5A-D1.30.29. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



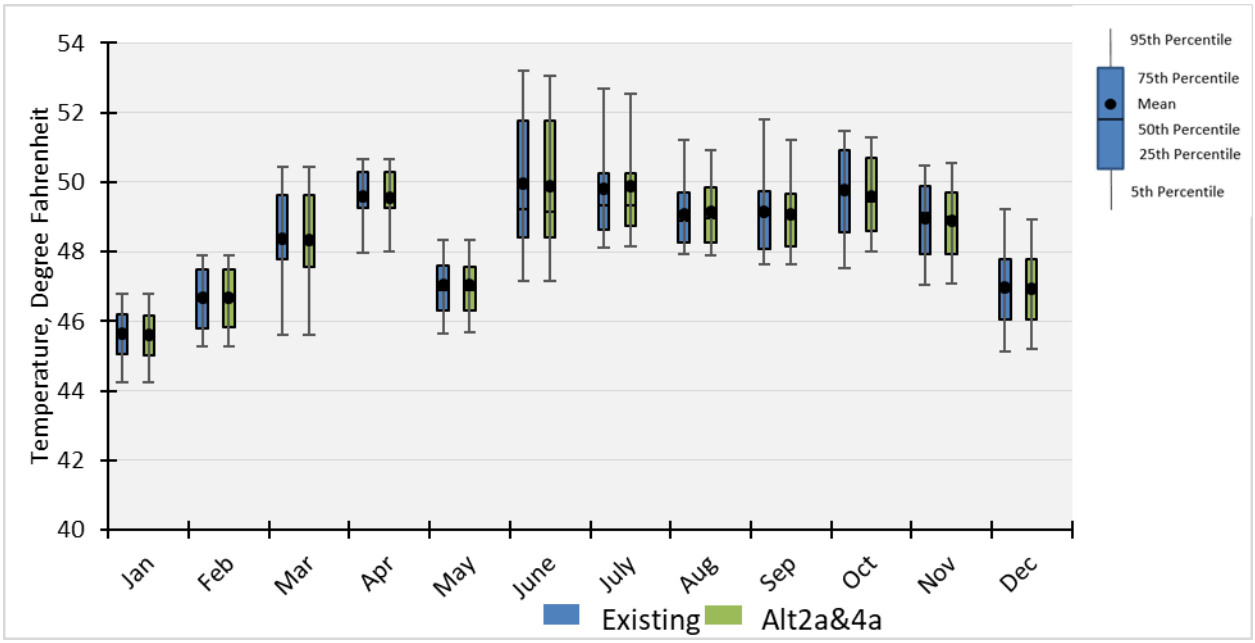


Figure 5A-D1.30.30. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

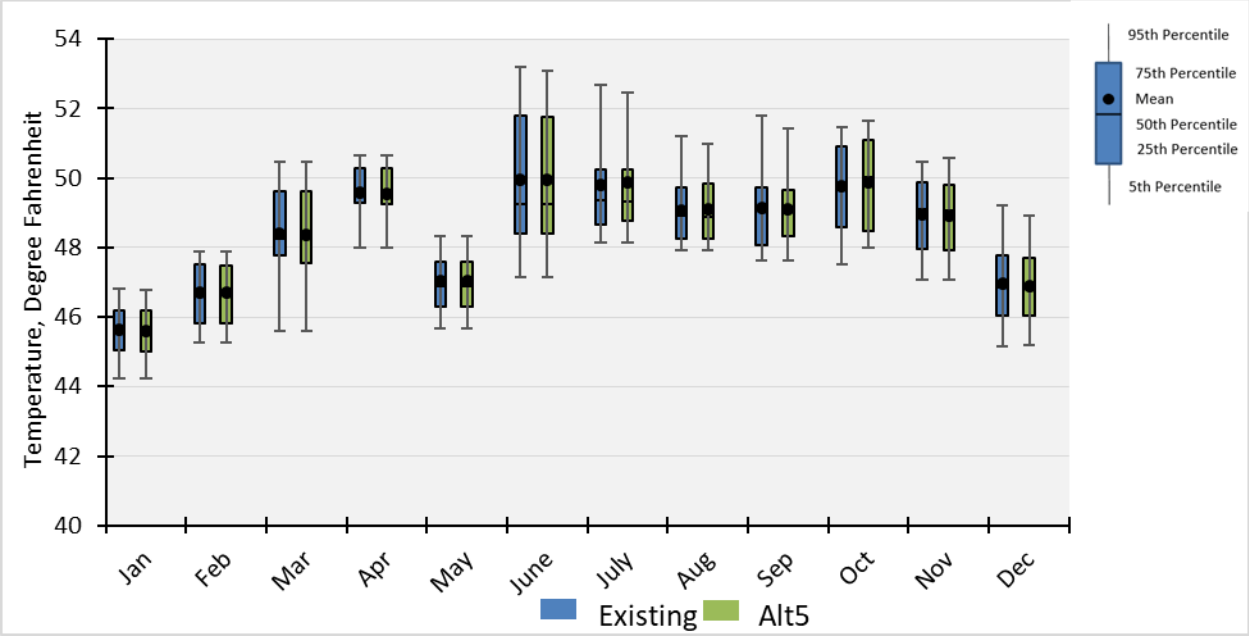
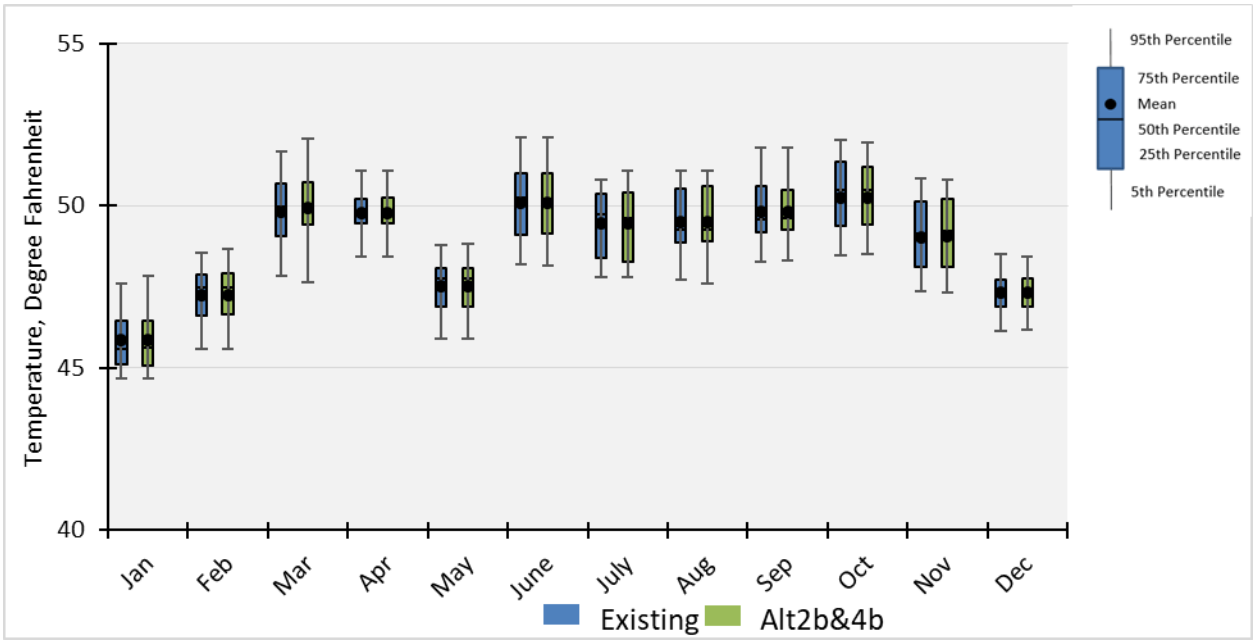


Figure 5A-D1.30.31. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



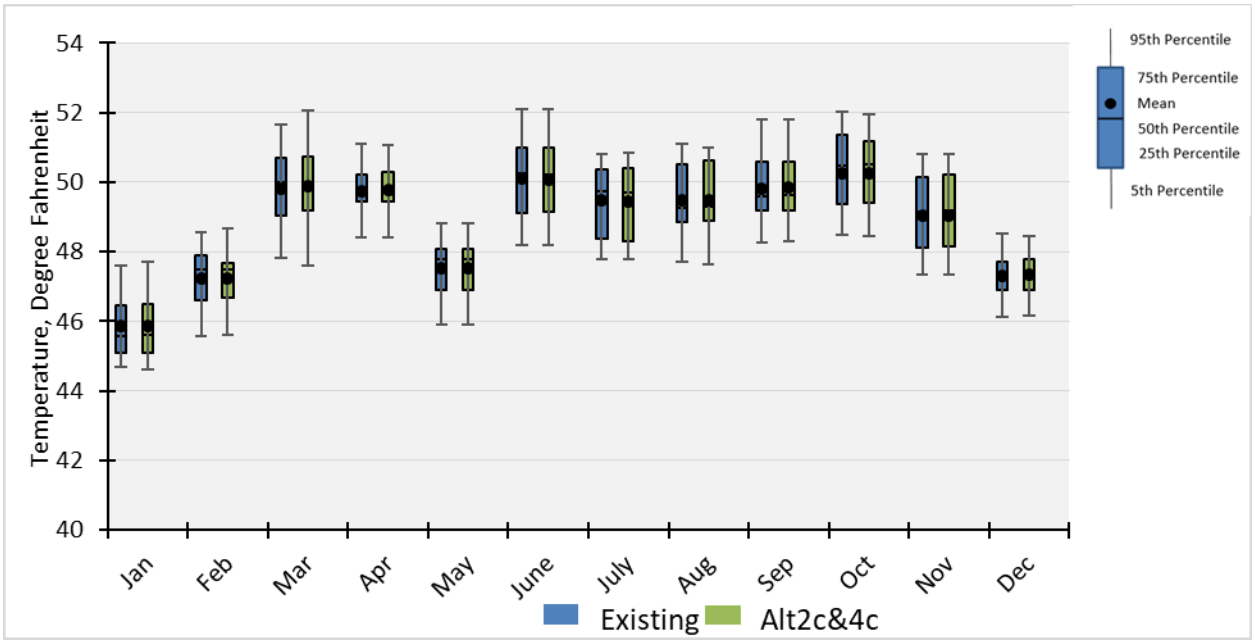
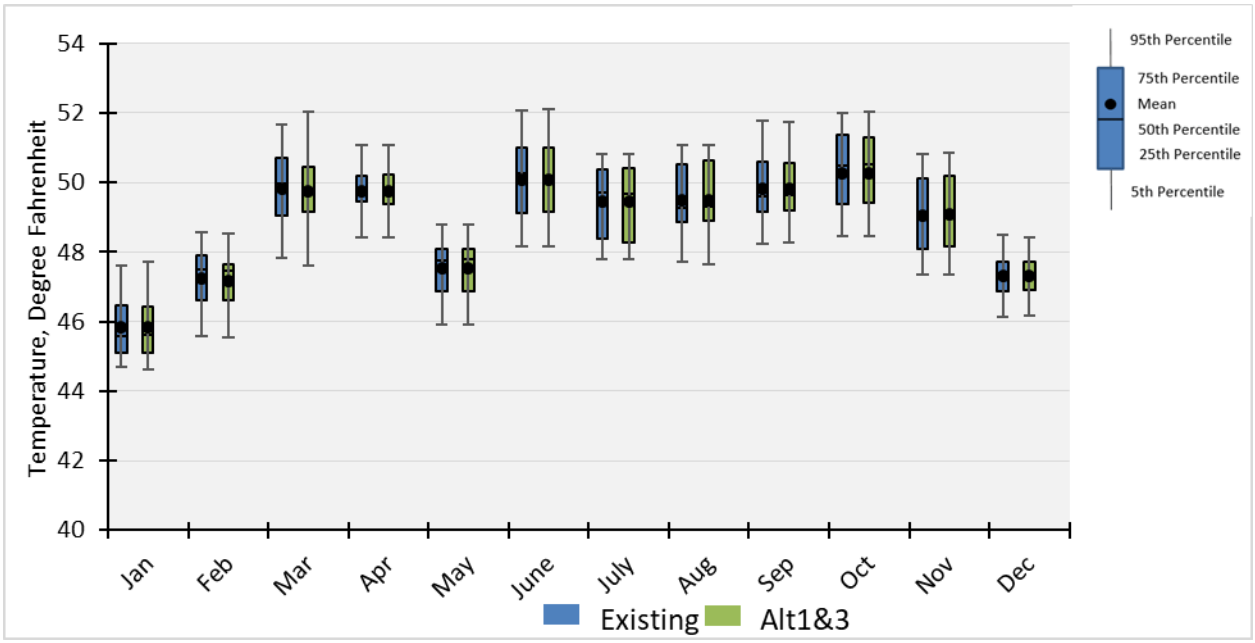


Figure 5A-D1.30.32. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



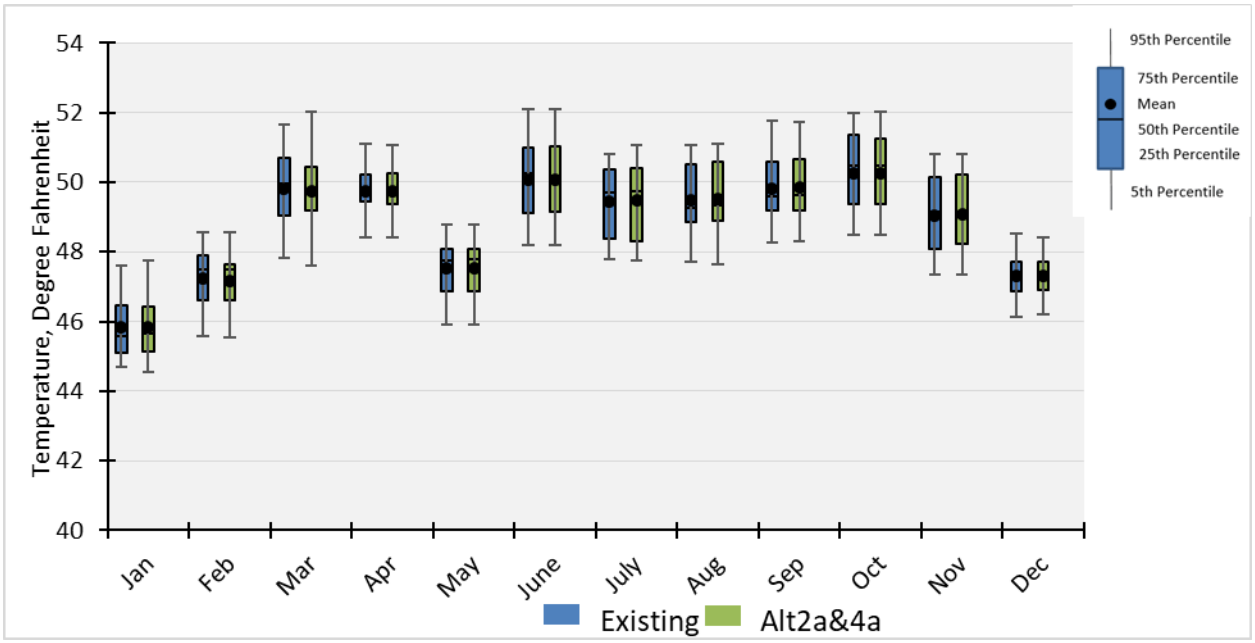


Figure 5A-D1.30.33. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

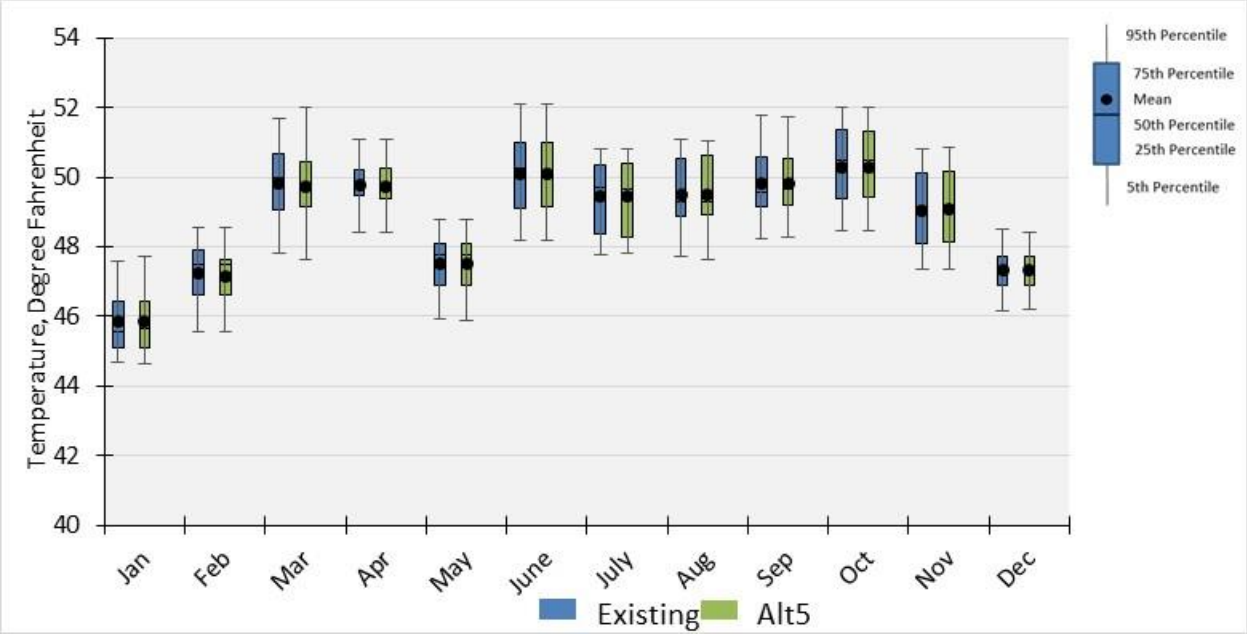
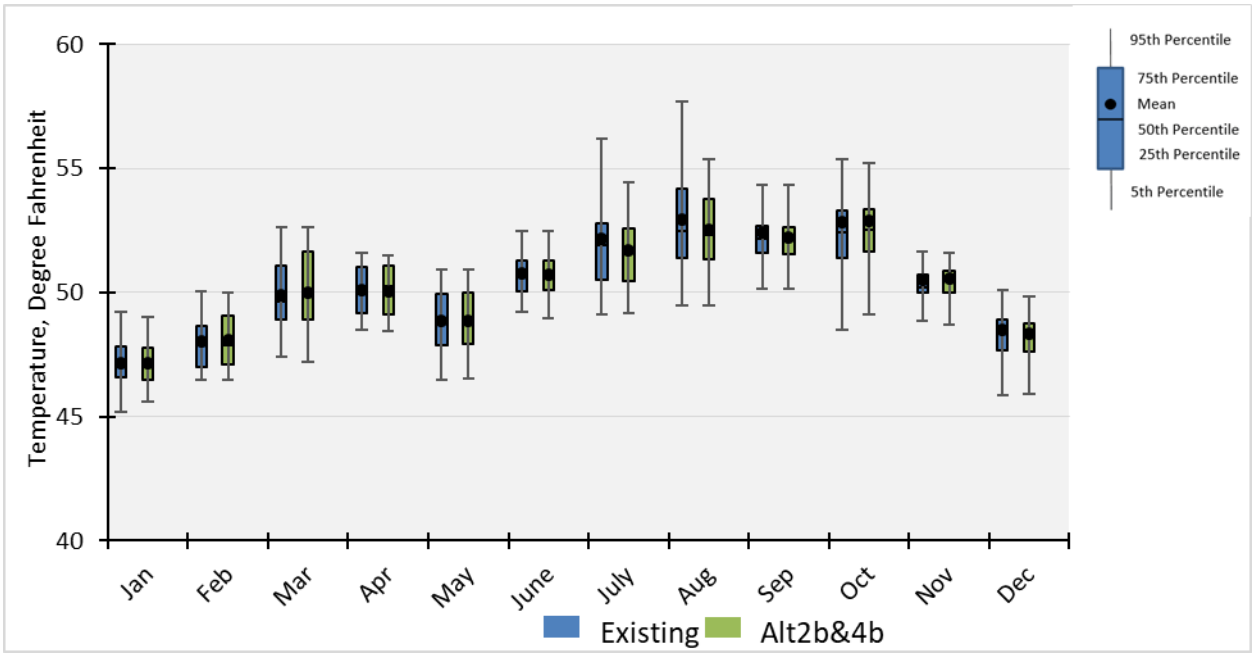


Figure 5A-D1.30.34. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



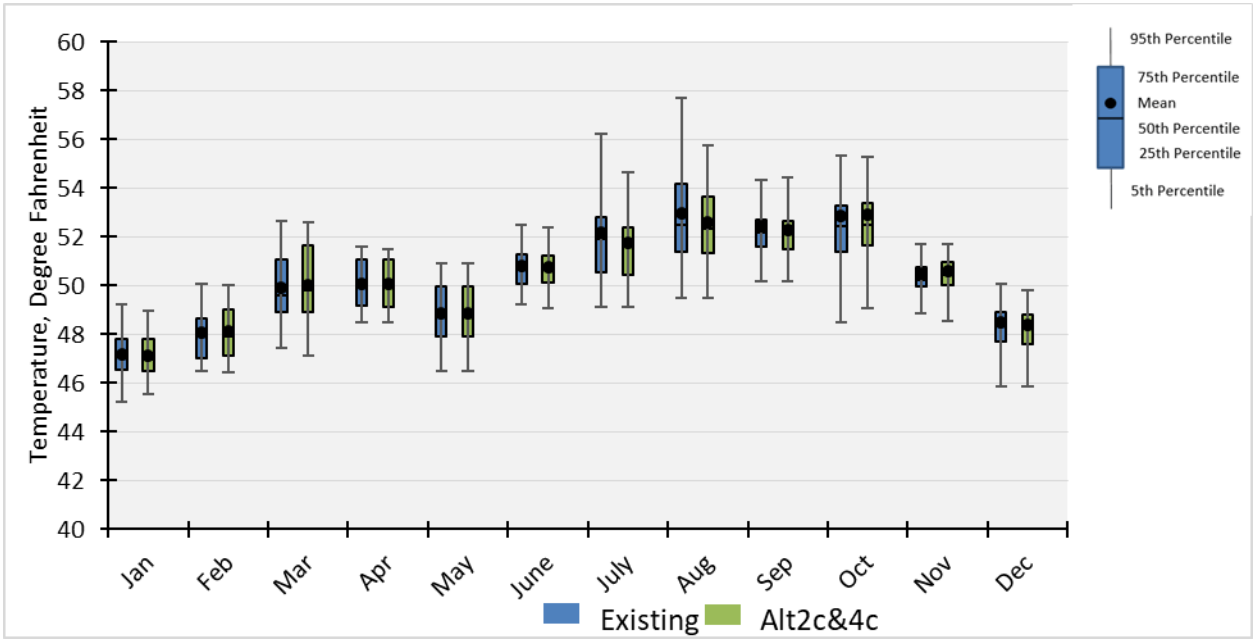
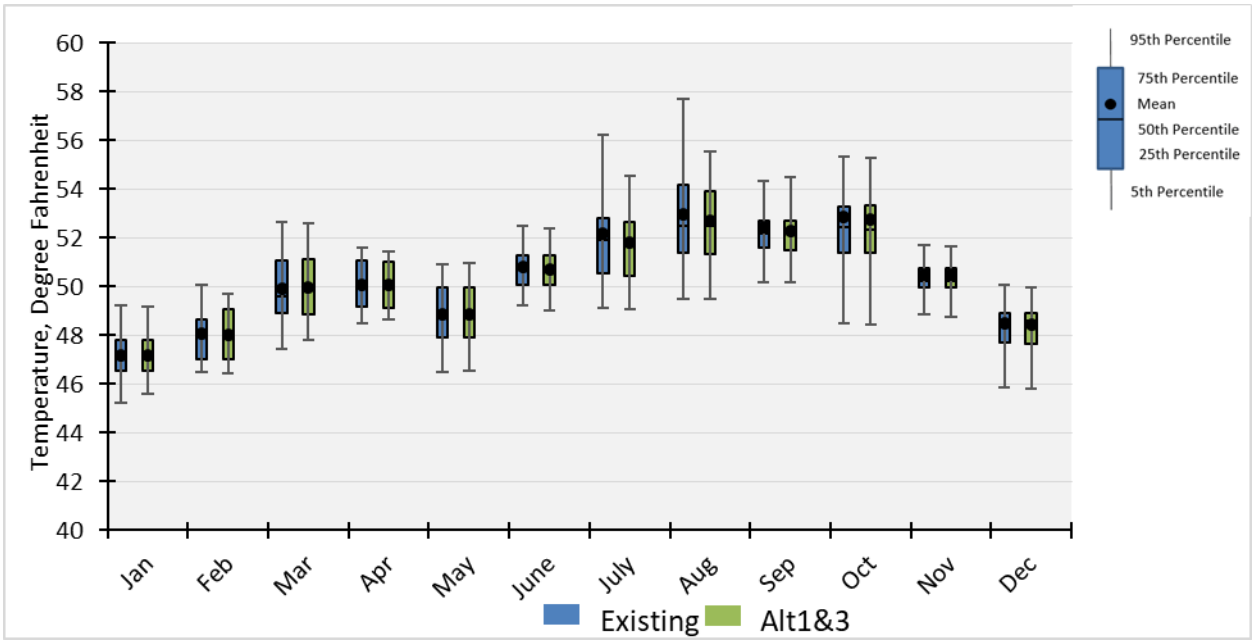


Figure 5A-D1.30.35. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



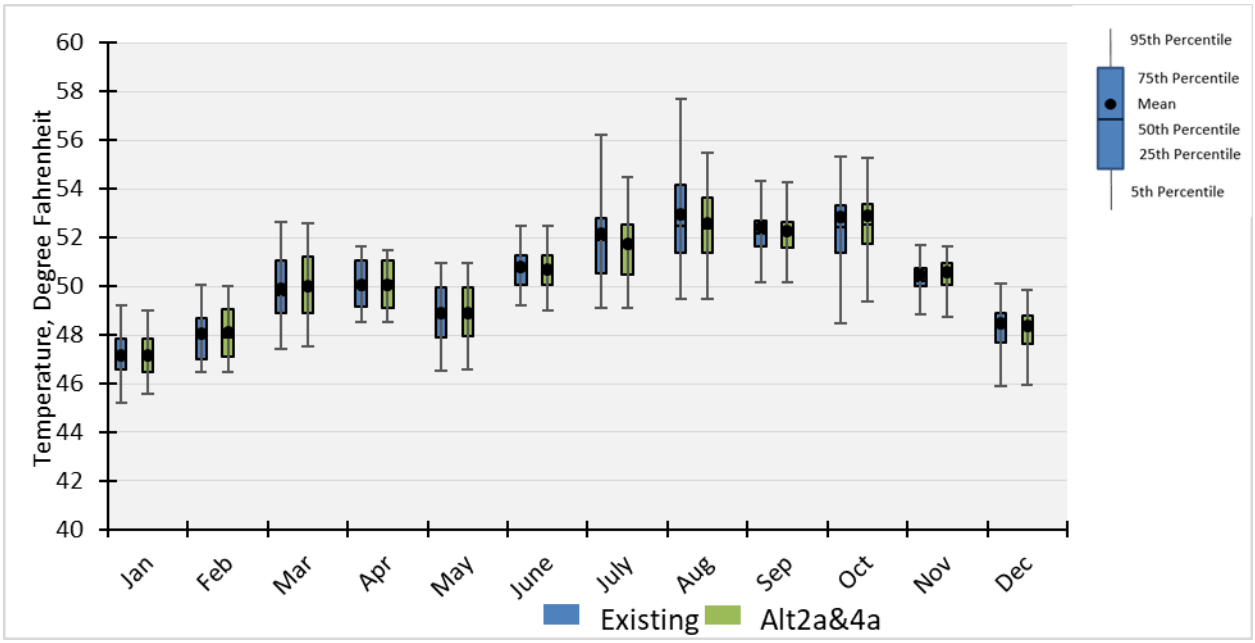


Figure 5A-D1.30.36. Trinity River Below Lewiston, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

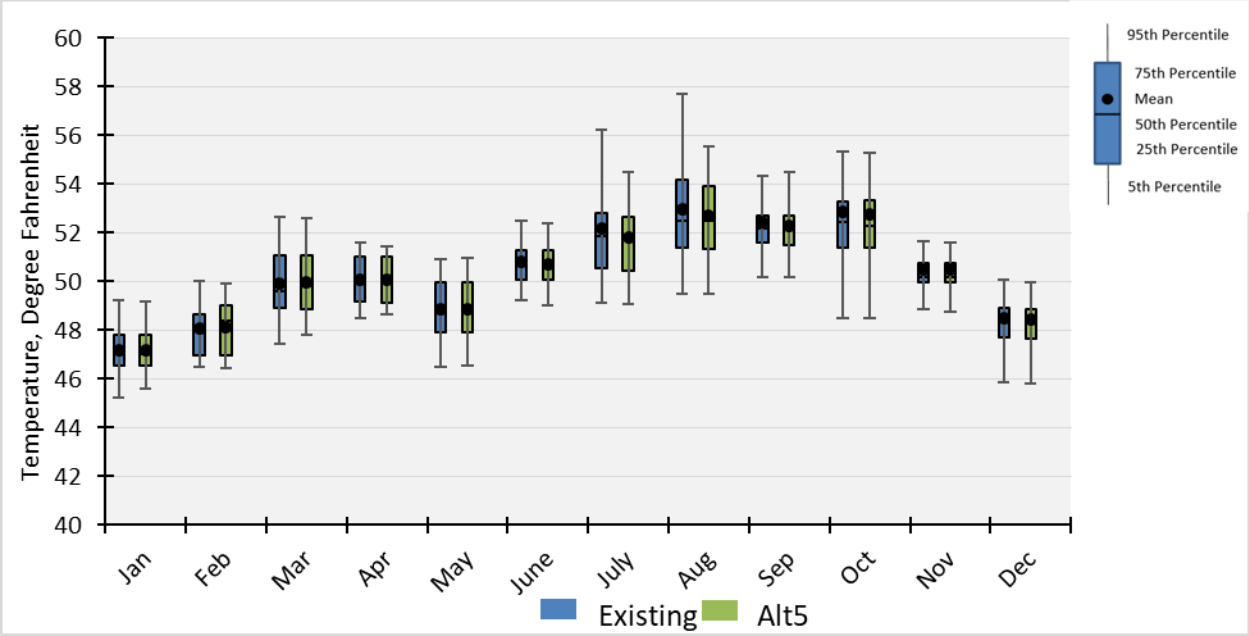
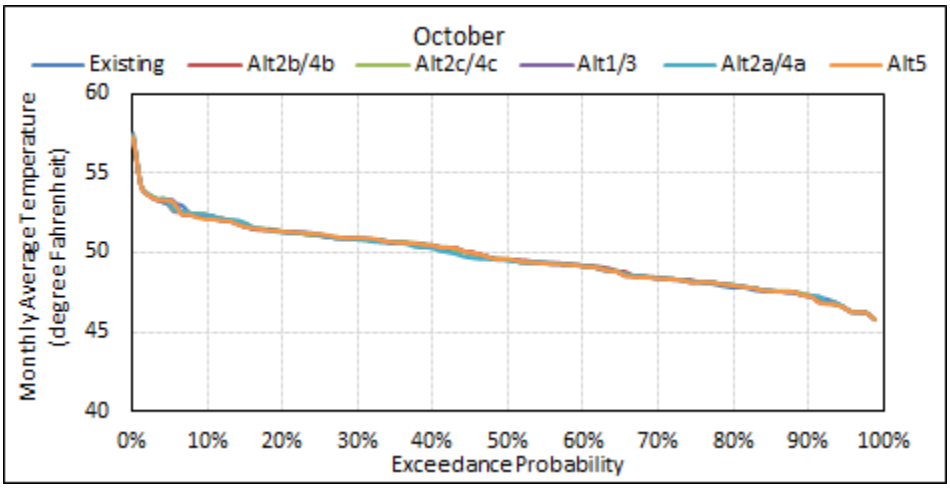
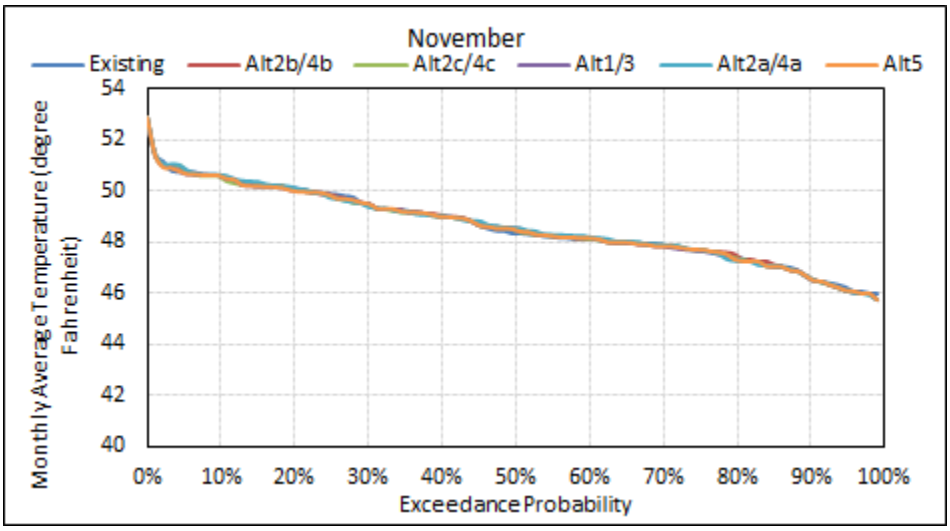


Figure 5A-D1.30.37-A. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





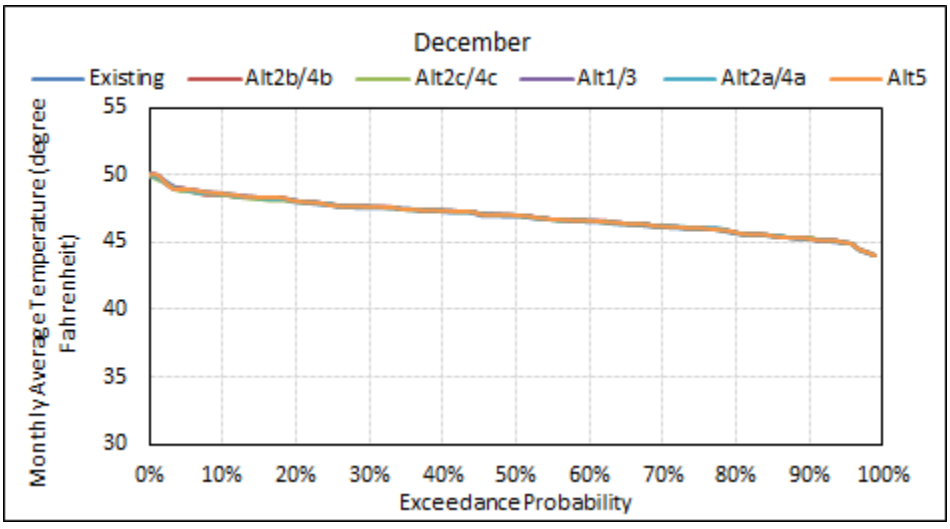
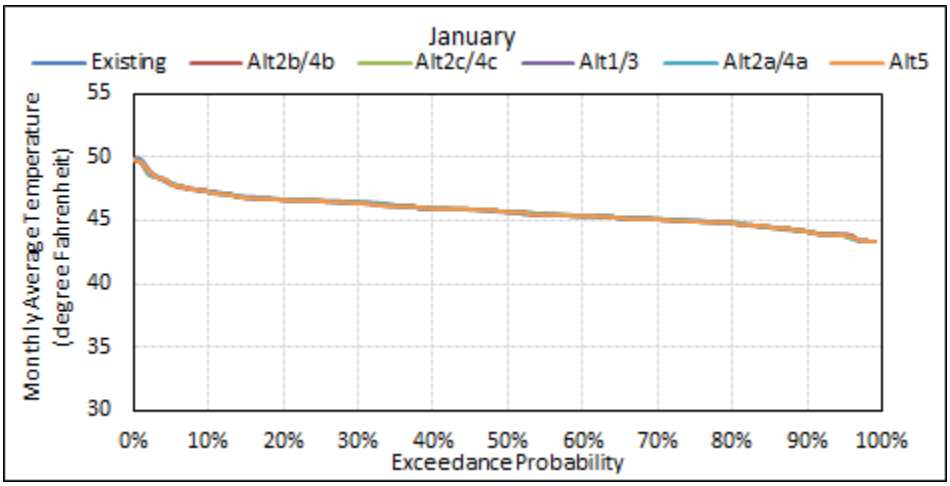
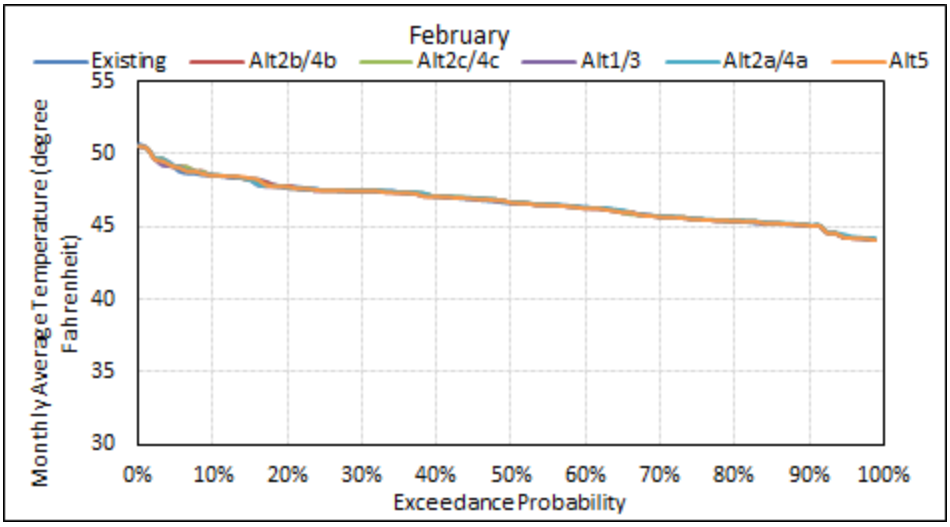


Figure 5A-D1.30.37-B. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





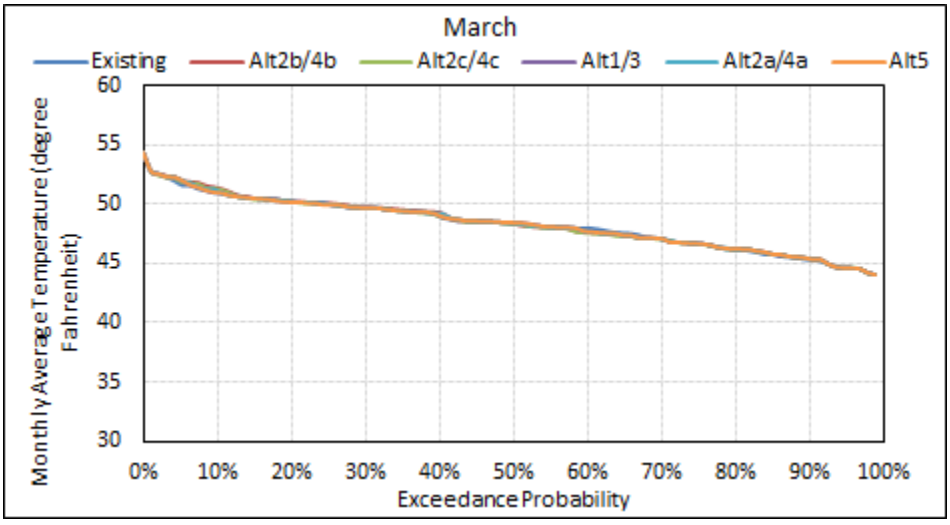
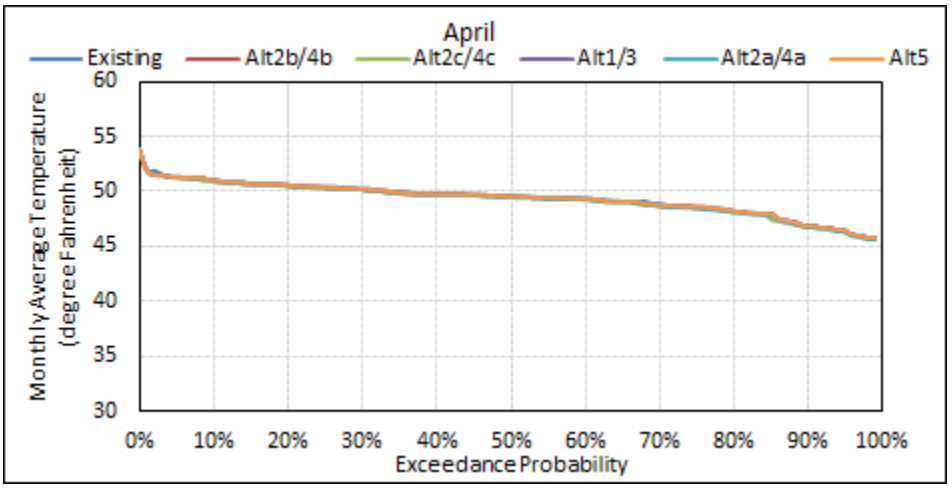
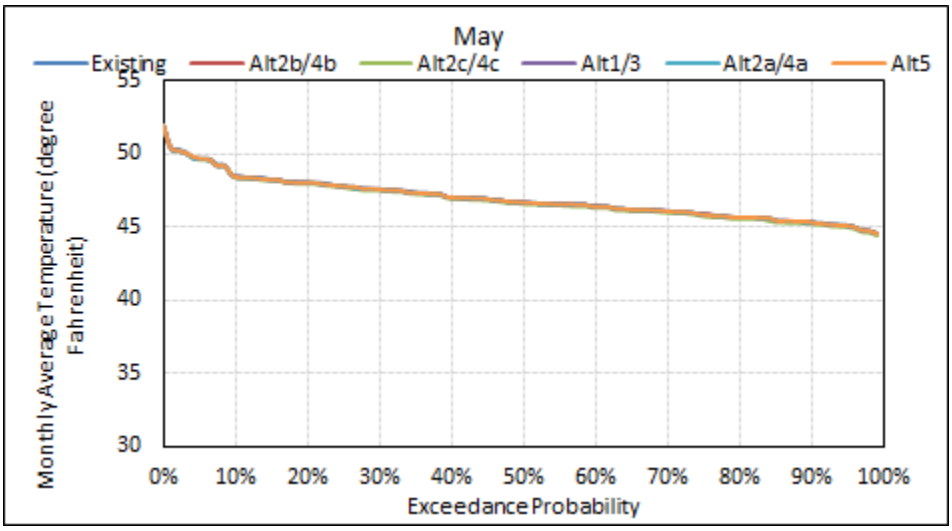


Figure 5A-D1.30.37-C. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





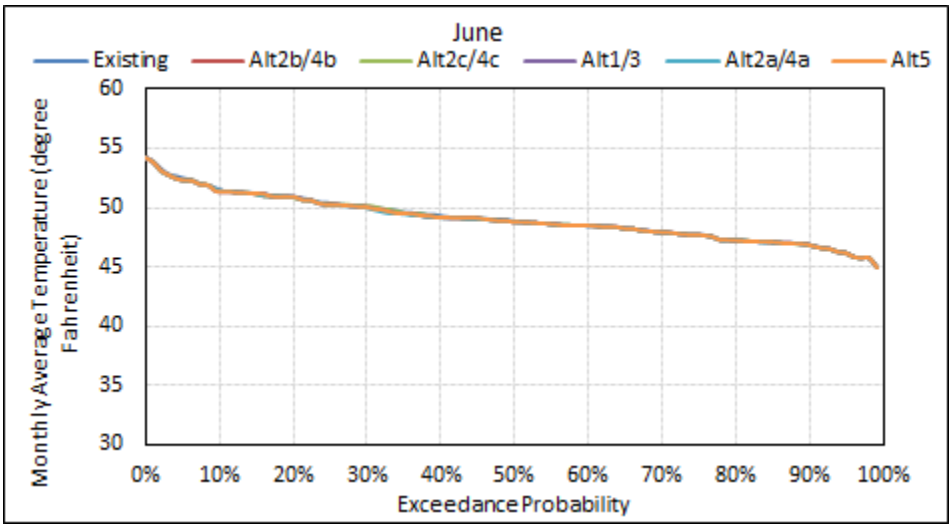
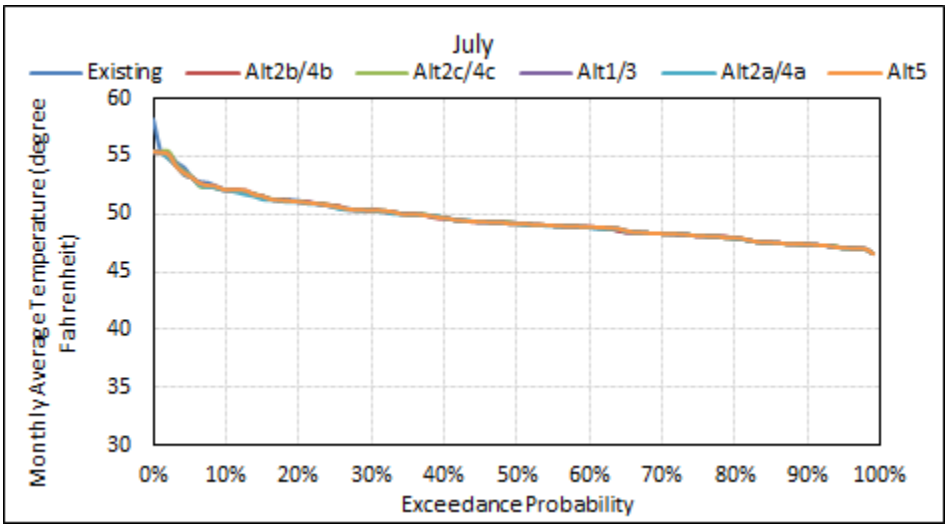
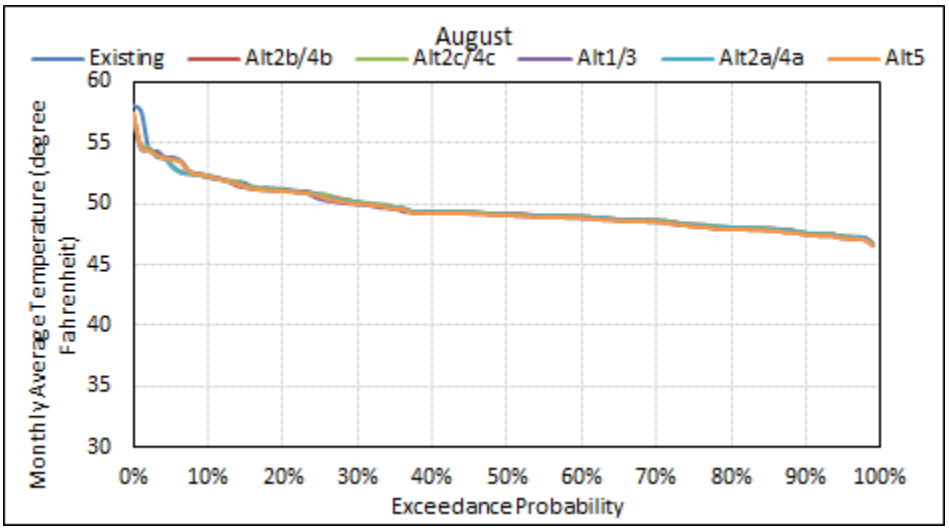


Figure 5A-D1.30.37-D. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





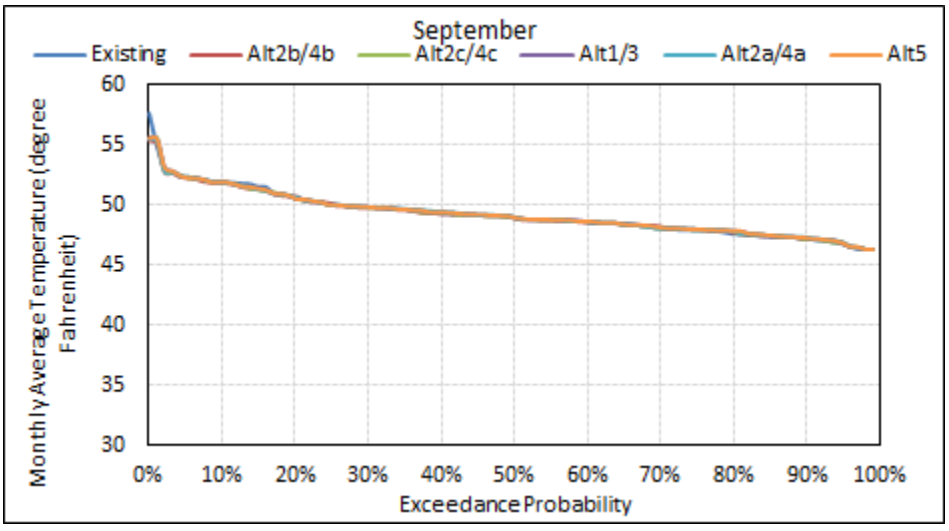


Figure 5A-D1.30.38. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

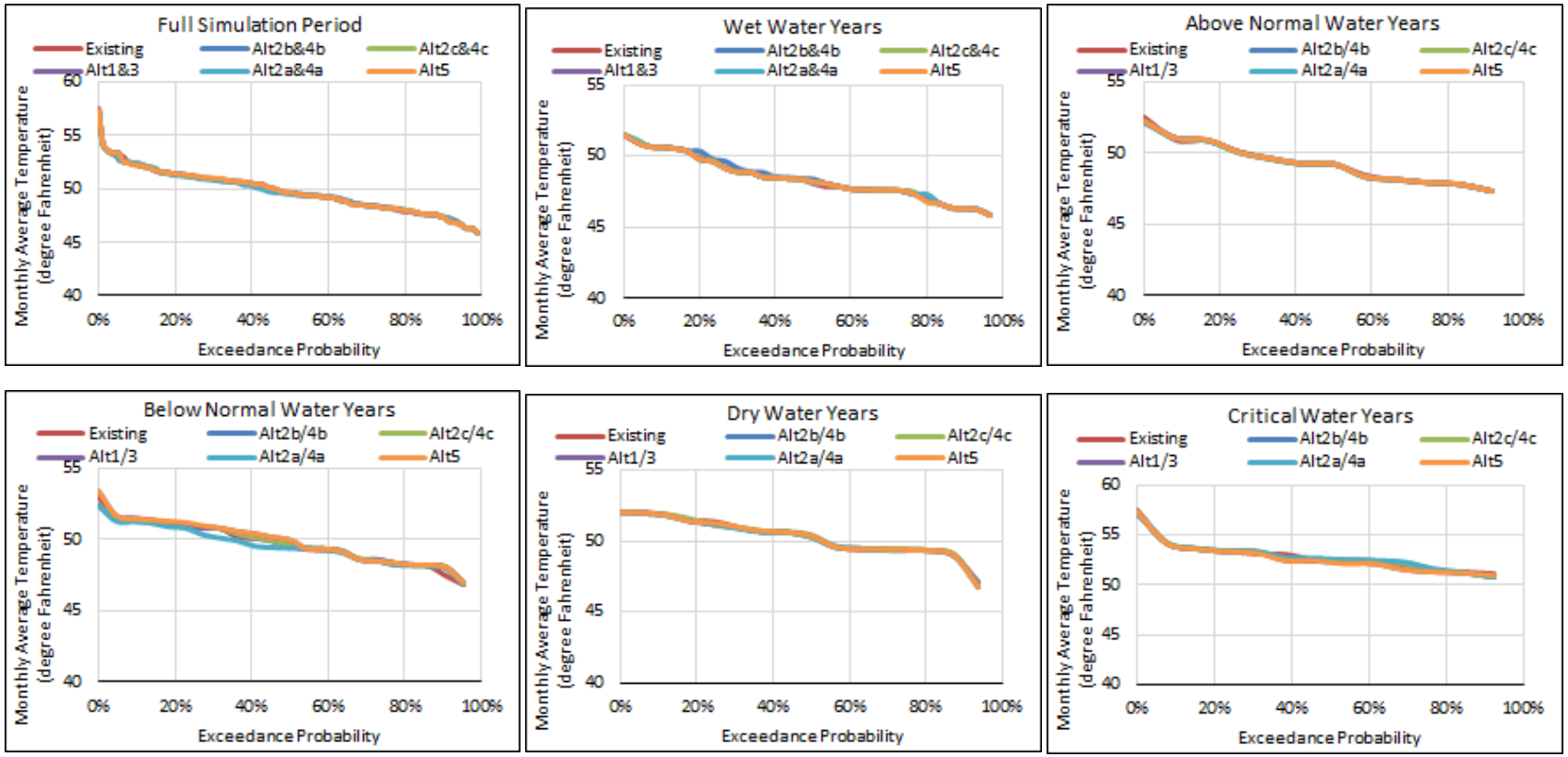


Figure 5A-D1.30.39. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

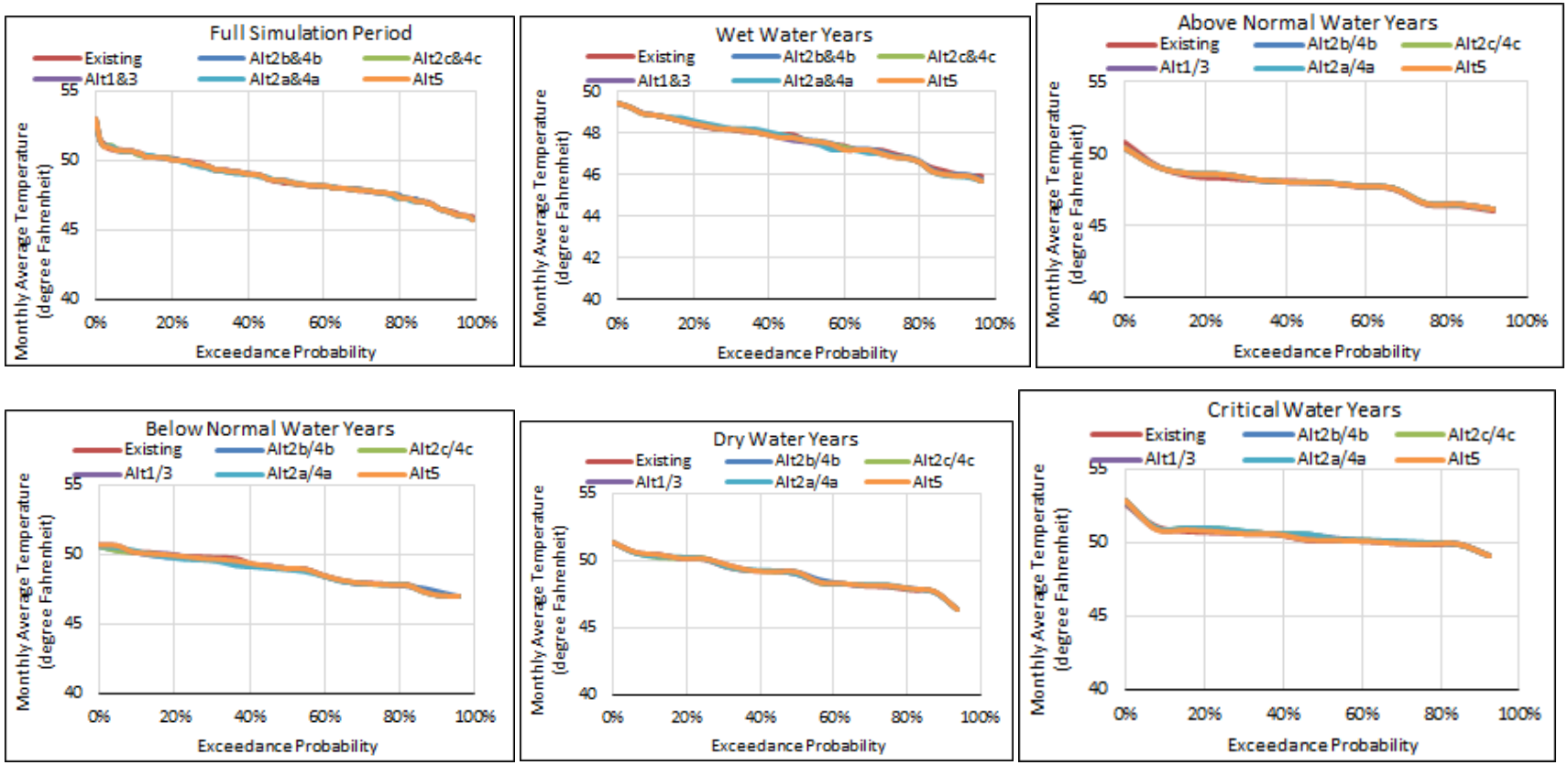


Figure 5A-D1.30.40. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

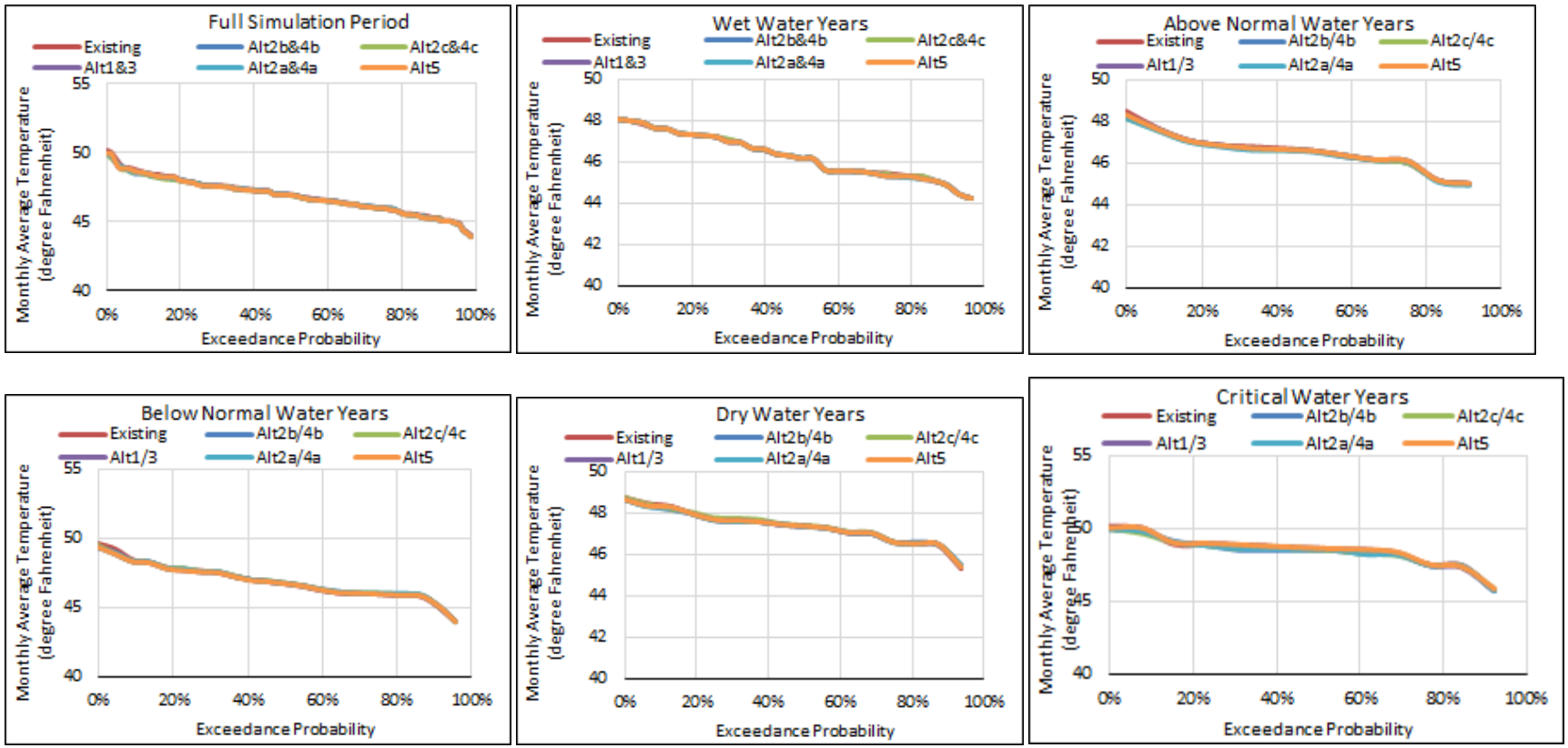


Figure 5A-D1.30.41. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

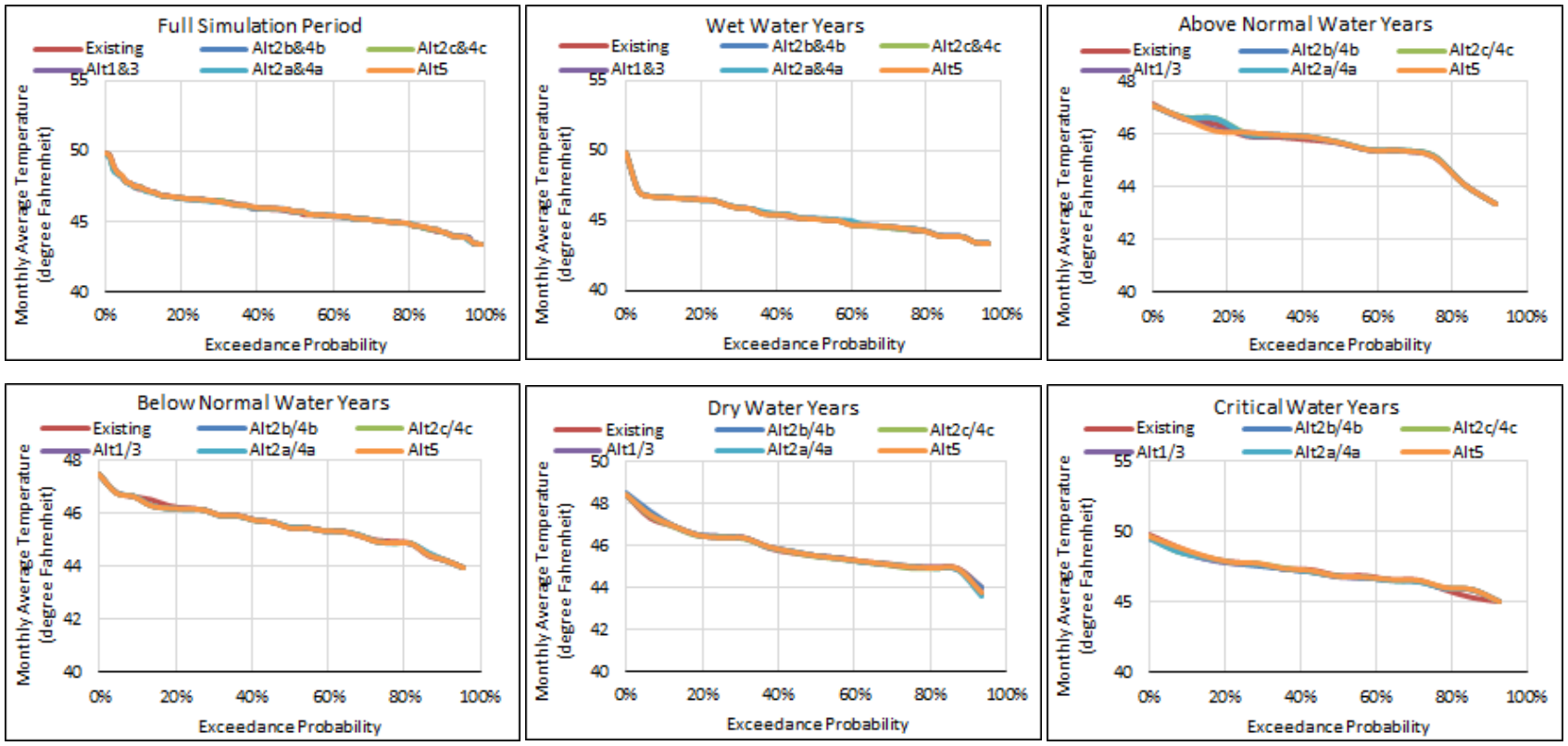


Figure 5A-D1.30.42. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

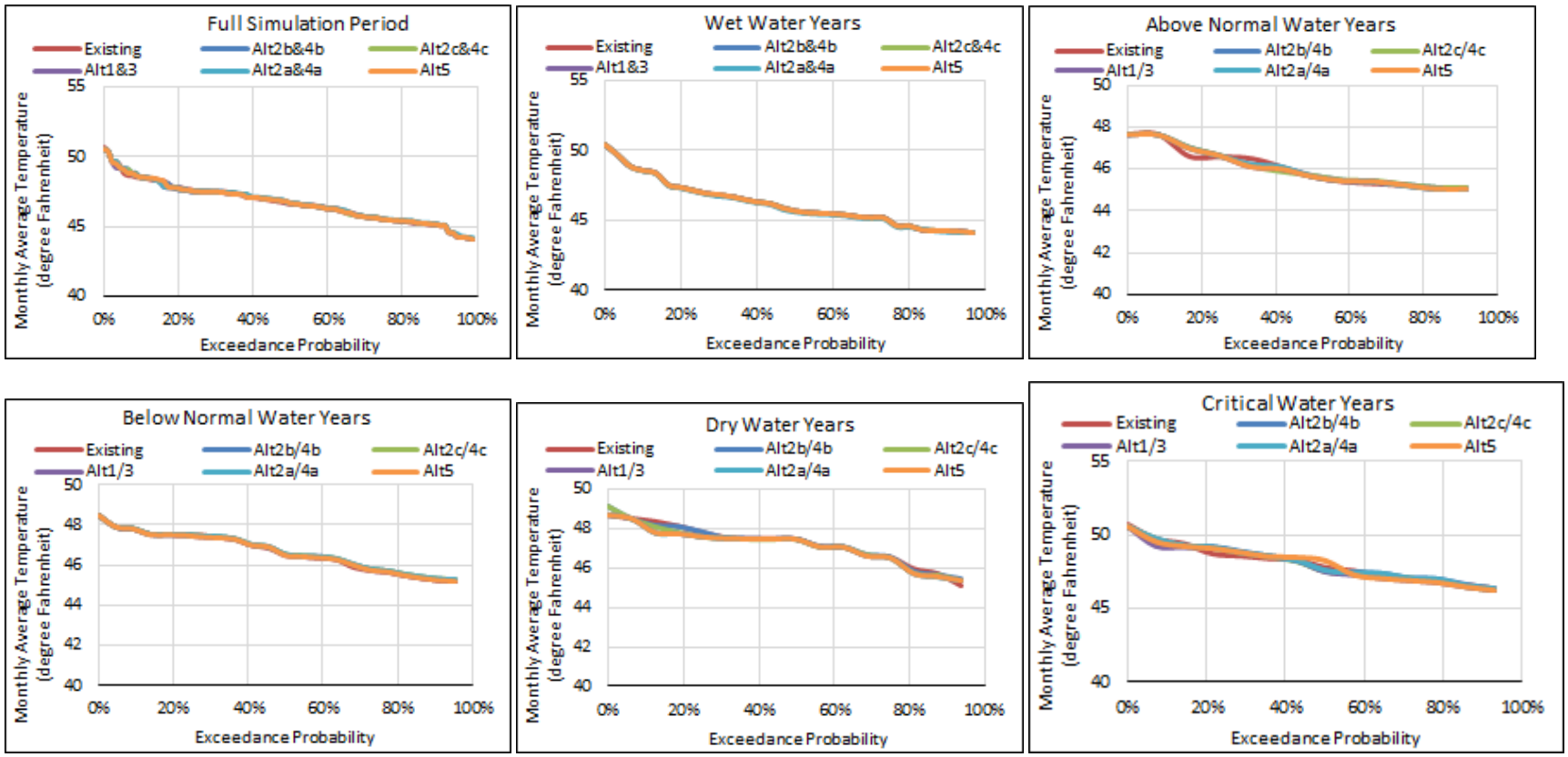


Figure 5A-D1.30.43. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

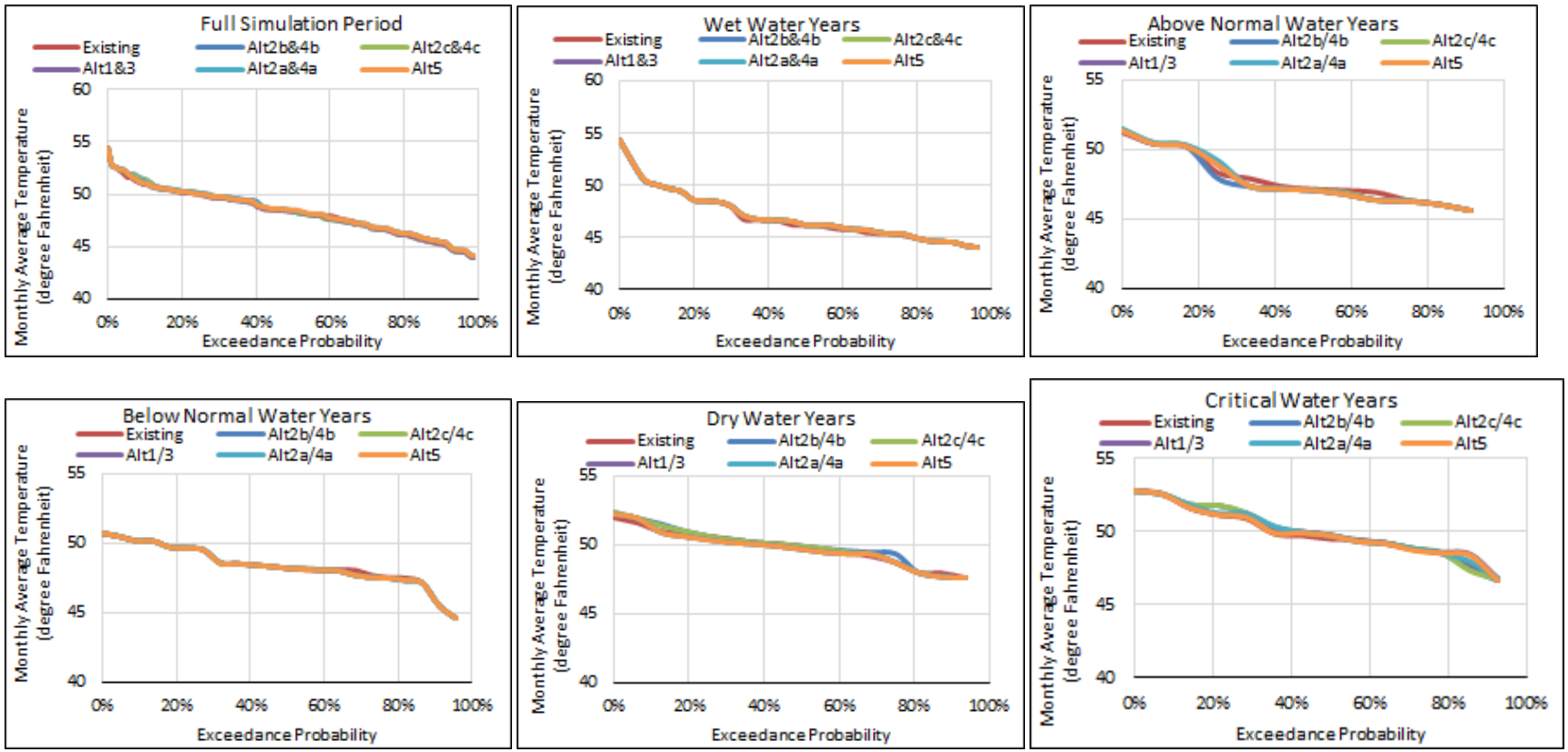


Figure 5A-D1.30.44. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

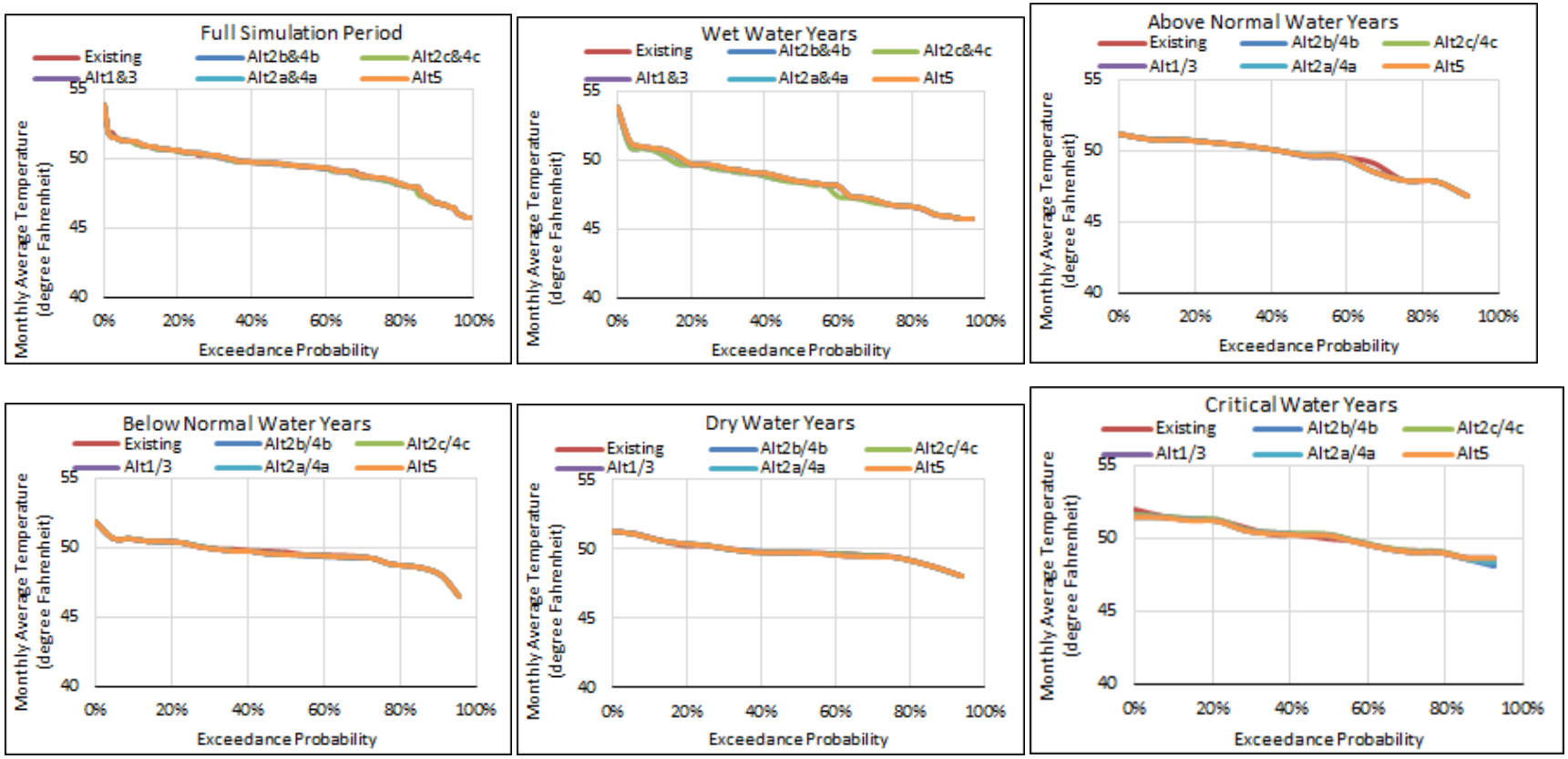


Figure 5A-D1.30.45. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

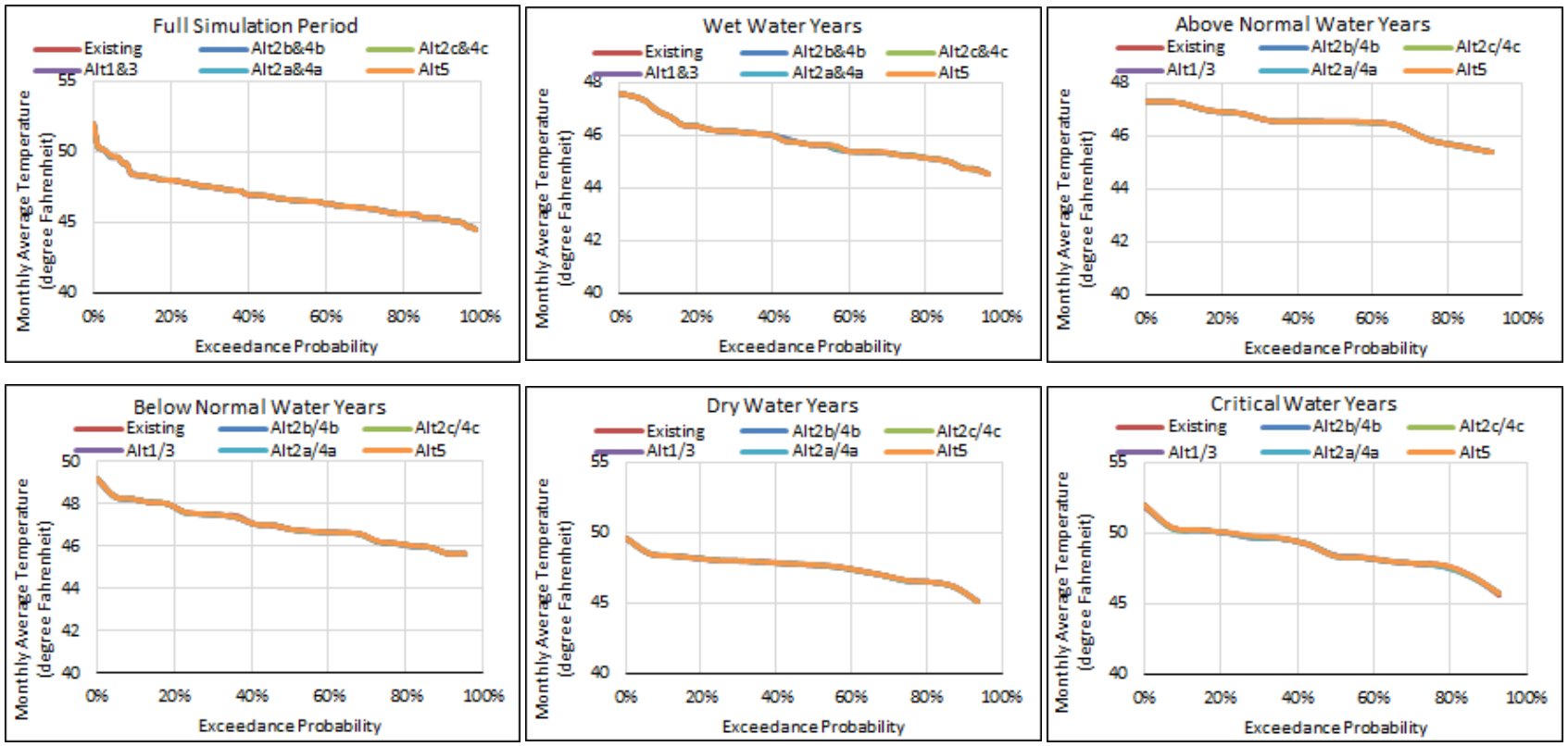


Figure 5A-D1.30.46. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

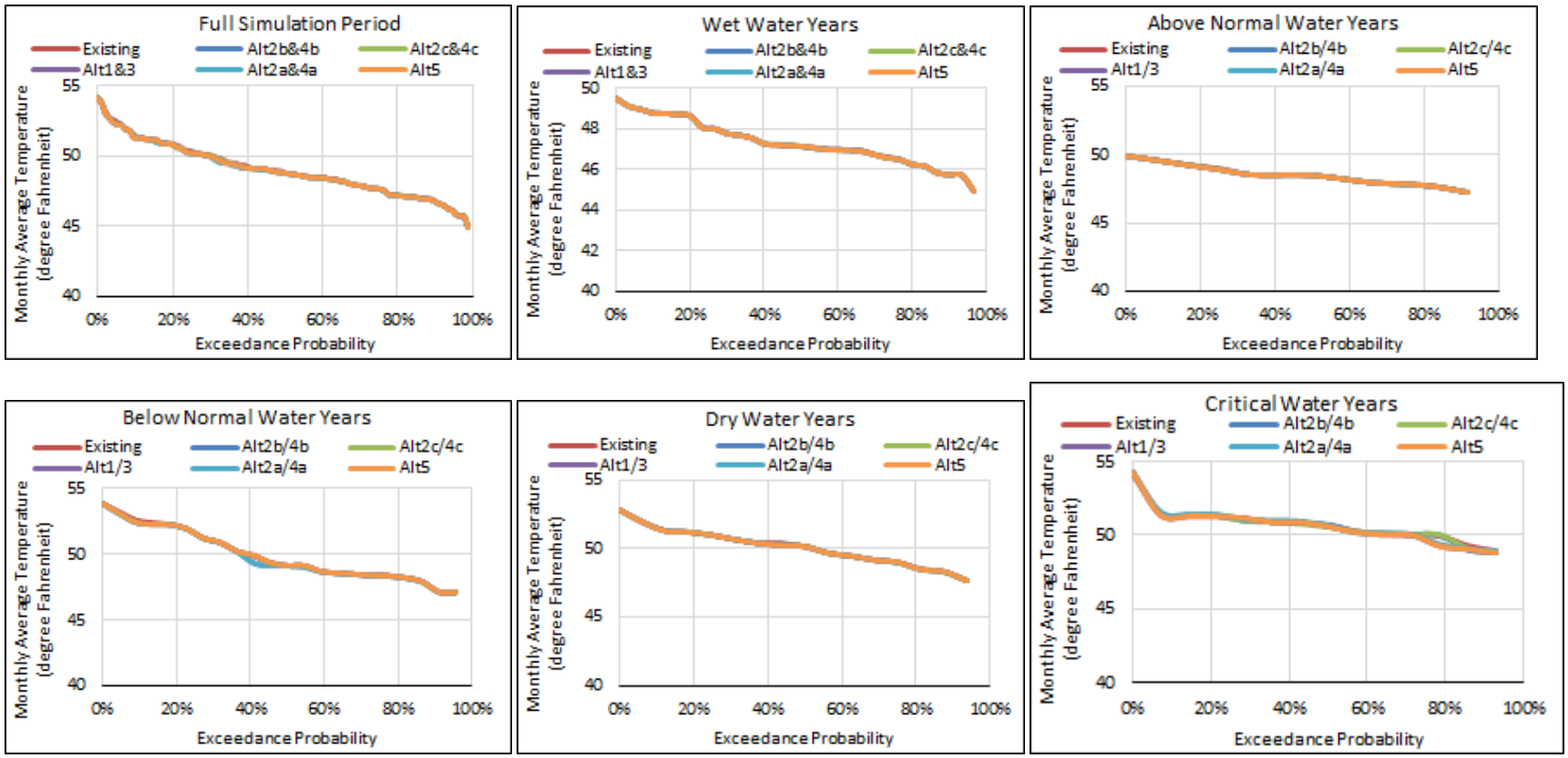


Figure 5A-D1.30.47. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

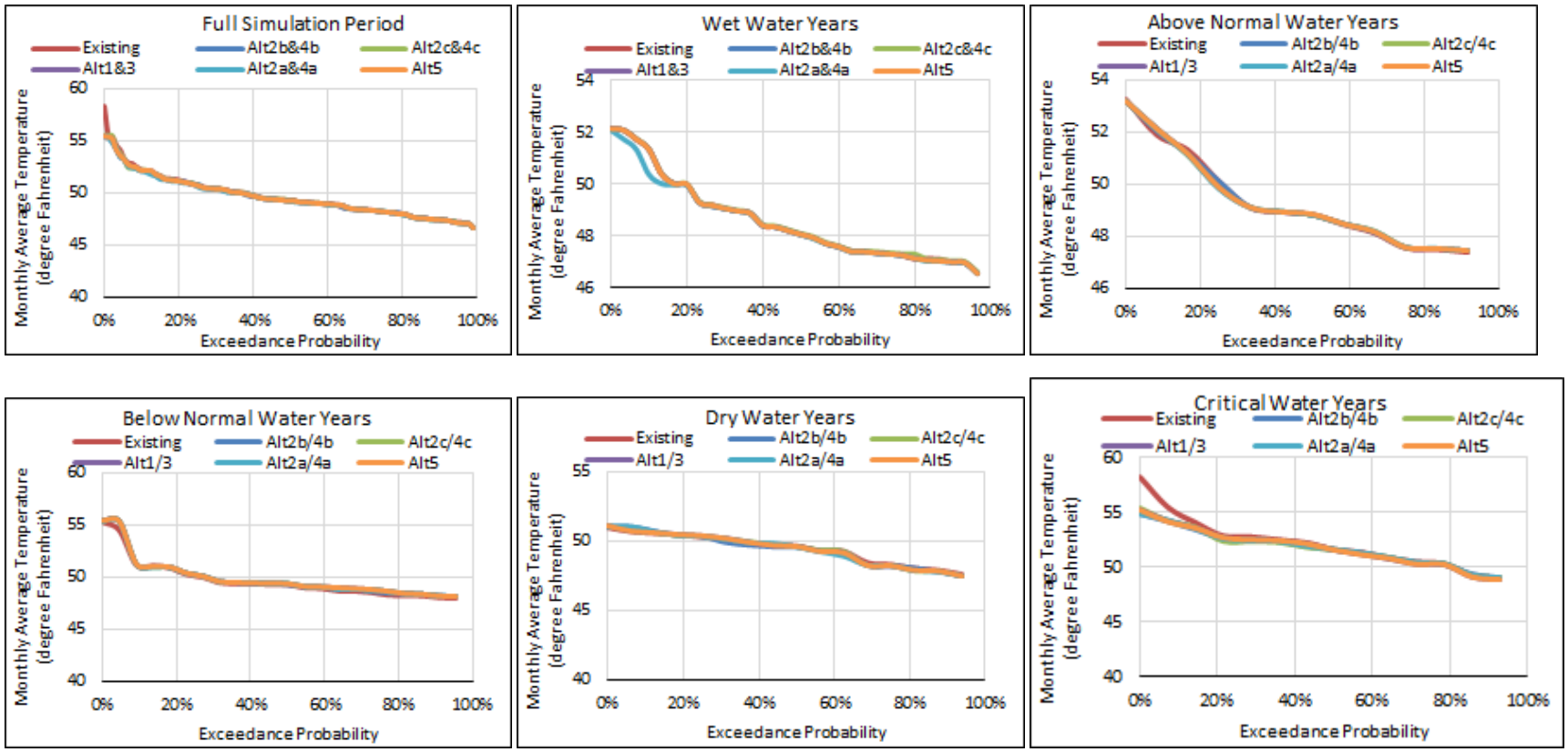


Figure 5A-D1.30.48. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

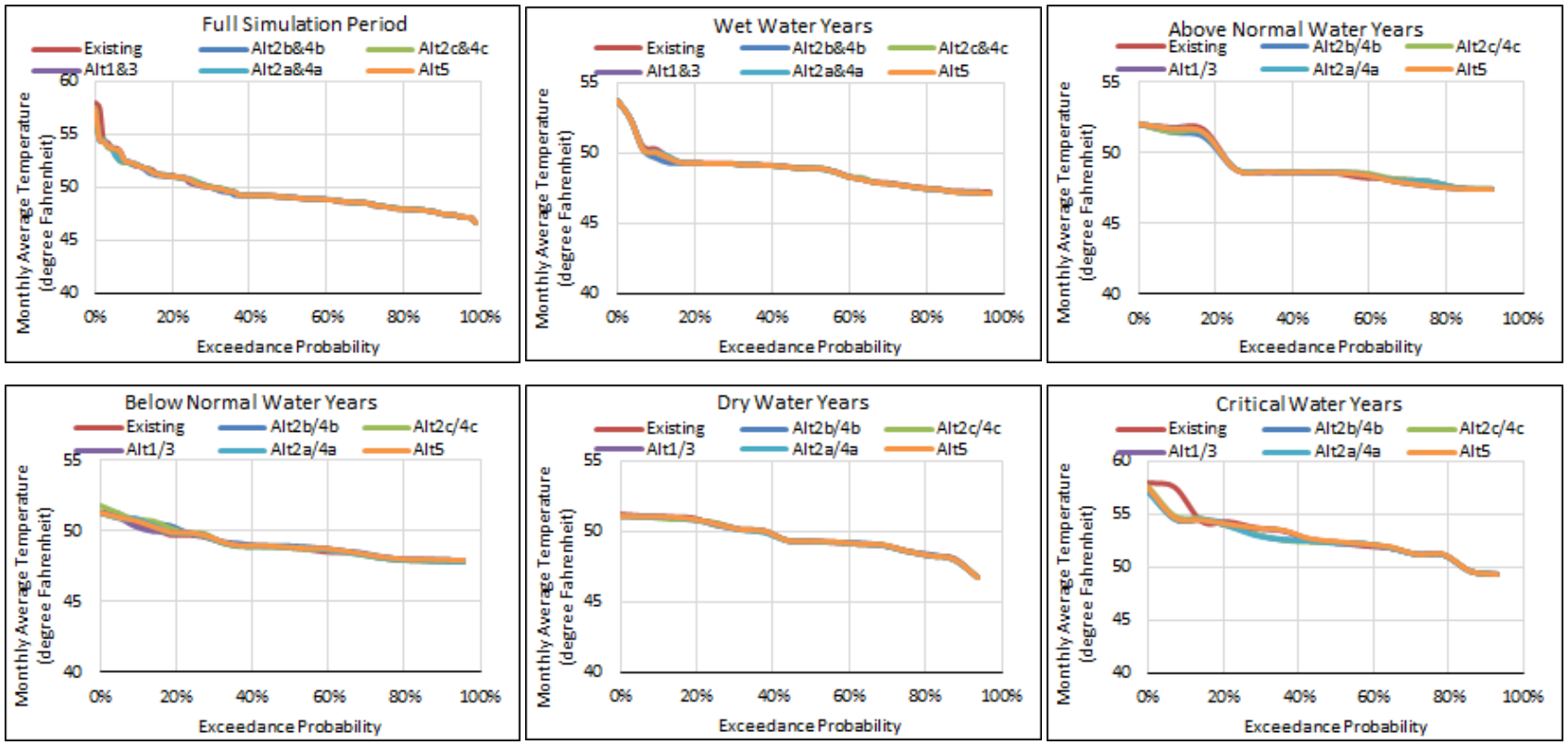
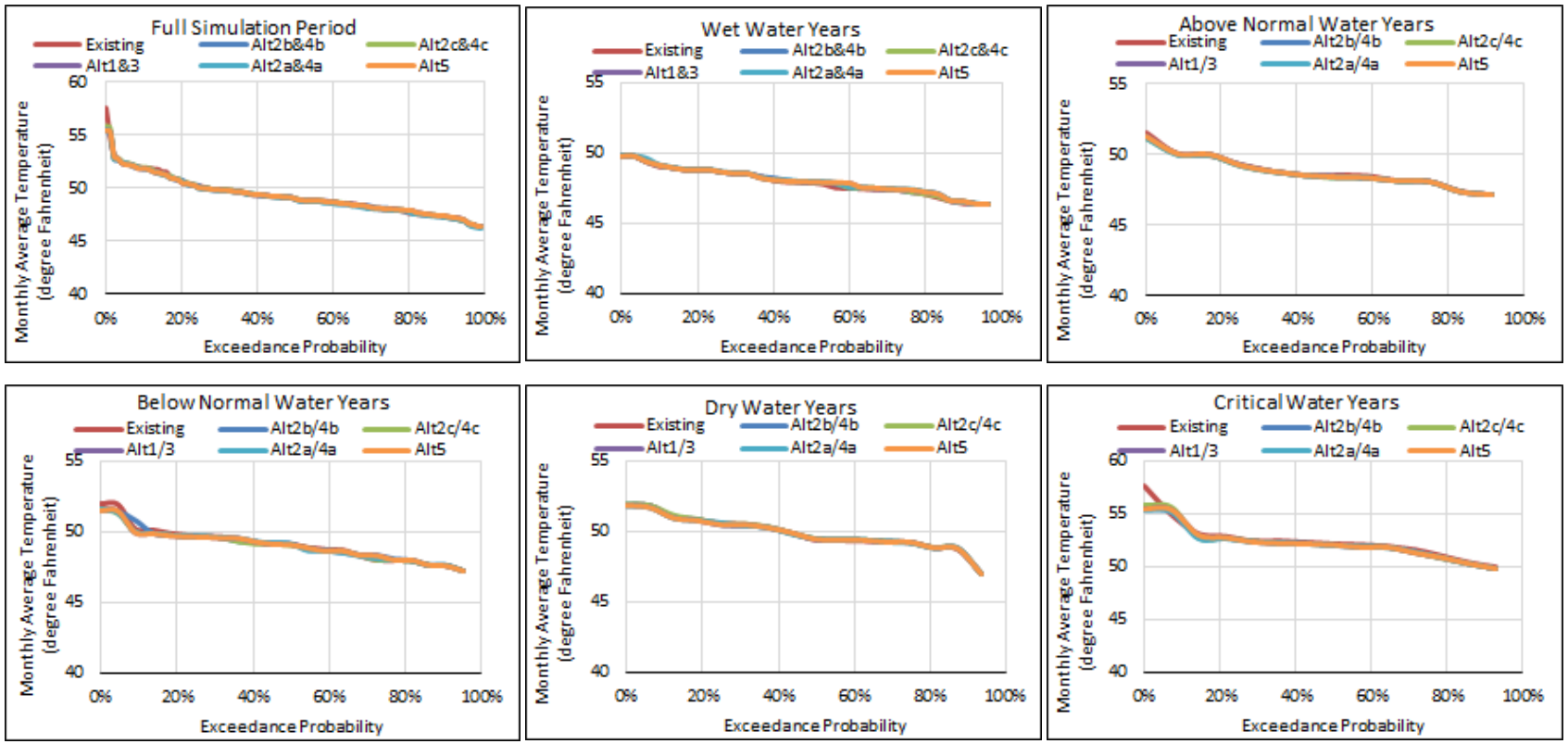


Figure 5A-D1.30.49. Trinity River Below Lewiston, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.31 Trinity River Below Trinity Dam

Table 5A-D1.31.1-A. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	49.4	49.2	49.2	47.3	45.9	45.8	45.8	46.1	46.9	47.7	48.8	49.4
20%	49.1	49.0	48.1	46.5	45.6	45.5	45.5	45.7	46.4	46.9	47.8	48.5
30%	48.2	48.4	47.4	45.9	45.3	45.2	45.1	45.3	46.0	46.5	47.0	47.7
40%	47.6	47.8	47.1	45.6	44.9	44.9	44.9	45.0	45.7	46.0	46.5	47.1
50%	47.3	47.3	46.5	45.4	44.7	44.5	44.7	44.8	45.3	45.8	46.2	46.8
60%	46.9	47.1	46.3	45.1	44.4	44.4	44.5	44.5	45.1	45.5	45.9	46.4
70%	46.4	46.6	46.0	44.9	44.2	44.2	44.3	44.3	44.8	45.2	45.6	46.0
80%	46.0	46.2	45.6	44.4	43.9	43.8	44.0	43.9	44.5	44.8	45.2	45.6
90%	45.3	45.5	45.2	43.9	43.6	43.4	43.6	43.5	43.9	44.5	44.7	44.9

Table 5A-D1.31.1-B. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit), Existing Condition

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47.4	47.5	46.9	45.5	44.8	44.7	44.7	44.8	45.4	46.1	46.6	47.1
Wet Water Years	46.3	46.5	46.2	44.8	44.3	44.4	44.2	44.1	44.5	45.0	45.4	45.8
Above Normal Water Years	46.8	47.0	46.5	45.2	44.3	44.3	44.6	44.5	45.0	45.5	45.9	46.4
Below Normal Water Years	47.4	47.5	46.8	45.5	44.7	44.7	44.8	44.9	45.5	45.9	46.4	47.0
Dry Water Years	48.1	48.1	47.0	45.9	45.2	45.1	45.0	45.2	45.9	46.3	47.0	47.7
Critical Water Years	49.6	49.3	49.1	46.9	45.9	45.5	45.6	46.1	47.2	49.0	49.8	49.8

Table 5A-D1.31.1-C. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	49.5	49.2	49.0	47.3	46.0	45.8	45.8	46.1	46.8	47.6	48.7	49.3
20%	49.0	49.0	48.1	46.4	45.6	45.5	45.4	45.6	46.3	46.9	47.6	48.4
30%	48.2	48.4	47.4	45.9	45.2	45.2	45.1	45.3	46.0	46.4	47.0	47.7
40%	47.8	47.9	47.0	45.6	44.9	44.9	44.9	45.0	45.7	46.0	46.6	47.1
50%	47.3	47.3	46.5	45.4	44.6	44.5	44.7	44.8	45.3	45.8	46.2	46.8
60%	47.0	47.1	46.3	45.1	44.4	44.4	44.6	44.6	45.1	45.5	45.9	46.4
70%	46.5	46.6	46.0	44.9	44.2	44.2	44.3	44.3	44.8	45.2	45.6	46.1
80%	46.1	46.2	45.6	44.4	43.9	43.9	43.9	43.9	44.5	44.8	45.2	45.6
90%	45.2	45.5	45.2	43.9	43.6	43.5	43.7	43.5	43.9	44.4	44.7	45.0

Table 5A-D1.31.1-D. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47.4	47.5	46.9	45.5	44.8	44.8	44.7	44.8	45.4	46.0	46.6	47.0
Wet Water Years	46.3	46.5	46.2	44.8	44.3	44.4	44.2	44.1	44.5	45.0	45.4	45.8
Above Normal Water Years	46.8	46.9	46.5	45.2	44.4	44.3	44.6	44.5	45.0	45.5	45.9	46.3
Below Normal Water Years	47.4	47.5	46.7	45.4	44.7	44.7	44.8	44.9	45.5	45.9	46.4	47.0
Dry Water Years	48.1	48.1	47.0	45.9	45.2	45.1	45.0	45.2	45.9	46.3	47.0	47.7
Critical Water Years	49.5	49.2	48.9	47.0	45.9	45.6	45.6	46.1	47.1	48.5	49.4	49.5

Table 5A-D1.31.1-E. Trinity River Below Trinity Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1
20%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
30%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0
40%	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	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%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
90%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.31.1-F. Trinity River Below Trinity Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
Wet Water Years	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	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	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years	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 Water Years	-0.1	0.0	-0.1	0.0	0.1	0.1	0.1	0.0	-0.1	-0.5	-0.3	-0.3

Table 5A-D1.31.1-G. Trinity River Below Trinity Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	-0.1%	-0.6%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%	-0.2%	0.0%	-0.2%
20%	-0.3%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	-0.2%
30%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.2%	0.0%	-0.1%
40%	0.2%	0.3%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
50%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
60%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%
70%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.31.1-H. Trinity River Below Trinity Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2b/4b (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	-0.1%
Wet Water Years	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	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Dry Water Years	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 Water Years	-0.1%	-0.1%	-0.3%	0.0%	0.1%	0.2%	0.1%	0.0%	-0.3%	-1.1%	-0.6%	-0.6%

Table 5A-D1.31.2-A. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	49.4	49.2	48.8	47.3	46.0	45.8	45.8	46.1	46.8	47.6	48.8	49.3
20%	49.0	49.0	48.2	46.4	45.6	45.5	45.4	45.6	46.3	46.9	47.6	48.4
30%	48.2	48.4	47.4	45.9	45.2	45.2	45.1	45.3	46.0	46.4	47.0	47.7
40%	47.6	47.7	47.0	45.5	45.0	44.9	44.9	45.0	45.7	46.0	46.5	47.1
50%	47.3	47.3	46.6	45.4	44.7	44.5	44.7	44.8	45.3	45.8	46.2	46.8
60%	46.9	47.1	46.3	45.1	44.4	44.4	44.5	44.6	45.1	45.5	45.9	46.4
70%	46.5	46.6	46.0	44.9	44.2	44.2	44.3	44.3	44.9	45.2	45.6	46.0
80%	46.1	46.3	45.6	44.4	43.9	43.9	43.9	43.9	44.5	44.8	45.2	45.7
90%	45.3	45.5	45.2	43.9	43.6	43.5	43.7	43.5	43.9	44.4	44.7	45.0

Table 5A-D1.31.2-B. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47.4	47.5	46.9	45.5	44.8	44.8	44.7	44.8	45.4	46.0	46.6	47.0
Wet Water Years	46.3	46.5	46.2	44.8	44.3	44.4	44.1	44.1	44.5	45.0	45.4	45.8
Above Normal Water Years	46.8	46.9	46.5	45.2	44.3	44.3	44.6	44.5	45.0	45.5	45.9	46.3
Below Normal Water Years	47.4	47.5	46.7	45.4	44.7	44.7	44.8	44.9	45.5	45.9	46.4	46.9
Dry Water Years	48.1	48.1	47.0	45.9	45.2	45.1	45.0	45.2	45.9	46.3	47.0	47.7
Critical Water Years	49.5	49.3	48.9	47.0	46.0	45.6	45.6	46.1	47.1	48.5	49.5	49.5

Table 5A-D1.31.2-C. Trinity River Below Trinity Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1
20%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
30%	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
90%	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.31.2-D. Trinity River Below Trinity Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	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	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	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
Dry Water Years	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 Water Years	0.0	0.0	-0.1	0.0	0.1	0.1	0.1	0.0	-0.1	-0.5	-0.2	-0.3

Table 5A-D1.31.2-E. Trinity River Below Trinity Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	-0.1%	-0.9%	-0.1%	0.1%	0.0%	0.0%	-0.1%	-0.2%	-0.2%	0.0%	-0.2%
20%	-0.2%	-0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	-0.3%
30%	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	-0.3%	0.0%	-0.1%
40%	-0.1%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
60%	0.0%	-0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
70%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.1%	0.1%	-0.1%	0.0%	-0.1%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.1%	0.0%
90%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.31.2-F. Trinity River Below Trinity Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2c/4c (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.1%	-0.1%
Wet Water Years	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	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.0%	-0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%
Dry Water Years	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 Water Years	-0.1%	0.0%	-0.2%	0.0%	0.1%	0.2%	0.1%	0.0%	-0.3%	-1.0%	-0.5%	-0.5%

Table 5A-D1.31.3-A. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	49.4	49.2	48.9	47.4	46.0	45.8	45.8	46.1	46.9	47.6	48.7	49.3
20%	49.0	49.0	48.1	46.4	45.6	45.5	45.4	45.7	46.3	46.9	47.7	48.4
30%	48.2	48.4	47.4	45.9	45.2	45.2	45.1	45.3	46.0	46.4	47.0	47.7
40%	47.7	47.8	47.0	45.6	45.0	44.9	44.9	45.0	45.6	46.0	46.5	47.2
50%	47.3	47.3	46.6	45.4	44.7	44.5	44.7	44.8	45.3	45.8	46.2	46.8
60%	46.9	47.1	46.3	45.1	44.4	44.4	44.5	44.5	45.1	45.5	45.9	46.4
70%	46.4	46.6	46.0	44.8	44.2	44.2	44.3	44.3	44.8	45.2	45.6	46.0
80%	46.1	46.2	45.6	44.4	43.9	43.8	44.0	43.9	44.5	44.8	45.2	45.6
90%	45.2	45.5	45.2	43.9	43.6	43.5	43.7	43.5	43.9	44.4	44.7	45.0

Table 5A-D1.31.3-B. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47.4	47.5	46.9	45.5	44.8	44.8	44.7	44.8	45.4	46.0	46.6	47.0
Wet Water Years	46.3	46.5	46.2	44.8	44.3	44.4	44.2	44.1	44.5	45.0	45.4	45.8
Above Normal Water Years	46.8	46.9	46.5	45.2	44.3	44.3	44.5	44.5	45.0	45.5	45.9	46.3
Below Normal Water Years	47.4	47.5	46.7	45.4	44.7	44.7	44.8	44.9	45.5	45.9	46.4	47.0
Dry Water Years	48.1	48.1	47.0	45.9	45.2	45.1	45.0	45.2	45.9	46.4	47.0	47.7
Critical Water Years	49.5	49.3	49.0	47.0	45.9	45.6	45.6	46.1	47.1	48.5	49.5	49.5

Table 5A-D1.31.3-C. Trinity River Below Trinity Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
20%	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
30%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.31.3-D. Trinity River Below Trinity Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	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	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	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years	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 Water Years	-0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.4	-0.2	-0.2

Table 5A-D1.31.3-E. Trinity River Below Trinity Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	-0.7%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%	-0.1%
20%	-0.2%	-0.1%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.3%
30%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%
40%	0.1%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
50%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
60%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.31.3-F. Trinity River Below Trinity Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 1/3 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%
Wet Water Years	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	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.1%	-0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Dry Water Years	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 Water Years	-0.1%	0.0%	-0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.2%	-0.9%	-0.5%	-0.5%

Table 5A-D1.31.4-A. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	49.5	49.2	48.9	47.3	45.9	45.8	45.8	46.1	46.8	47.7	48.7	49.3
20%	49.0	49.0	48.1	46.4	45.6	45.5	45.4	45.6	46.3	46.9	47.6	48.4
30%	48.2	48.4	47.4	45.9	45.3	45.2	45.1	45.3	46.0	46.4	47.0	47.7
40%	47.7	47.8	47.0	45.5	45.0	44.9	44.9	45.0	45.6	46.0	46.6	47.2
50%	47.2	47.4	46.5	45.4	44.7	44.5	44.7	44.8	45.3	45.8	46.2	46.8
60%	46.9	47.1	46.3	45.1	44.4	44.4	44.5	44.5	45.1	45.5	45.9	46.4
70%	46.5	46.6	46.0	44.9	44.2	44.2	44.3	44.3	44.9	45.2	45.6	46.0
80%	46.1	46.2	45.7	44.4	43.9	43.8	44.0	43.9	44.5	44.8	45.2	45.6
90%	45.3	45.5	45.2	43.9	43.6	43.4	43.7	43.5	43.9	44.4	44.7	45.0

Table 5A-D1.31.4-B. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47.4	47.5	46.9	45.5	44.8	44.8	44.7	44.8	45.4	46.0	46.6	47.0
Wet Water Years	46.3	46.5	46.2	44.8	44.3	44.4	44.2	44.1	44.5	45.0	45.4	45.8
Above Normal Water Years	46.8	46.9	46.5	45.2	44.3	44.3	44.5	44.5	45.0	45.5	45.9	46.3
Below Normal Water Years	47.4	47.5	46.8	45.4	44.7	44.7	44.8	44.9	45.5	45.9	46.4	47.0
Dry Water Years	48.1	48.1	47.0	45.9	45.2	45.1	45.0	45.2	45.9	46.4	47.0	47.7
Critical Water Years	49.6	49.3	49.0	47.0	45.9	45.6	45.6	46.1	47.0	48.5	49.5	49.5

Table 5A-D1.31.4-C. Trinity River Below Trinity Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
20%	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
30%	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%	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
50%	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.31.4-D. Trinity River Below Trinity Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1
Wet Water Years	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	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	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years	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 Water Years	0.0	0.0	-0.1	0.0	0.1	0.1	0.0	0.0	-0.1	-0.5	-0.3	-0.3

Table 5A-D1.31.4-E. Trinity River Below Trinity Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.1%	-0.1%	-0.7%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	-0.1%	-0.2%
20%	-0.2%	-0.1%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%	-0.3%
30%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.3%	0.0%	-0.1%
40%	0.1%	0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%
50%	-0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
60%	0.0%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%
70%	0.1%	0.0%	0.0%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.31.4-F. Trinity River Below Trinity Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 2a/4a (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.1%	-0.1%
Wet Water Years	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	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Dry Water Years	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Critical Water Years	-0.1%	0.0%	-0.2%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.3%	-1.0%	-0.5%	-0.5%

Table 5A-D1.31.5-A. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	49.4	49.2	48.9	47.4	46.0	45.8	45.8	46.1	46.9	47.6	48.7	49.3
20%	49.0	49.0	48.1	46.4	45.6	45.5	45.4	45.7	46.3	46.9	47.7	48.4
30%	48.2	48.4	47.4	45.9	45.2	45.2	45.1	45.3	46.0	46.4	47.0	47.7
40%	47.7	47.8	47.0	45.6	45.0	44.9	44.9	45.0	45.6	46.0	46.5	47.2
50%	47.3	47.3	46.6	45.4	44.7	44.5	44.7	44.8	45.3	45.8	46.2	46.8
60%	46.9	47.1	46.3	45.1	44.4	44.4	44.5	44.5	45.1	45.5	45.9	46.4
70%	46.4	46.6	46.0	44.8	44.2	44.2	44.3	44.3	44.8	45.2	45.6	46.0
80%	46.1	46.2	45.6	44.4	43.9	43.8	44.0	43.9	44.5	44.8	45.2	45.6
90%	45.2	45.5	45.2	43.9	43.6	43.5	43.7	43.5	43.9	44.4	44.7	45.0

Table 5A-D1.31.5-B. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020)

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	47.4	47.5	46.9	45.5	44.8	44.7	44.7	44.8	45.4	46.0	46.6	47.0
Wet Water Years	46.3	46.5	46.2	44.8	44.3	44.4	44.2	44.1	44.5	45.0	45.4	45.8
Above Normal Water Years	46.8	46.9	46.5	45.2	44.3	44.3	44.6	44.5	45.0	45.5	45.9	46.3
Below Normal Water Years	47.4	47.5	46.7	45.4	44.7	44.7	44.8	44.9	45.5	45.9	46.4	47.0
Dry Water Years	48.1	48.1	47.0	45.9	45.2	45.1	45.0	45.2	45.9	46.4	47.0	47.7
Critical Water Years	49.5	49.2	49.0	47.0	45.9	45.6	45.6	46.1	47.1	48.5	49.5	49.5

Table 5A-D1.31.5-C. Trinity River Below Trinity Dam, Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
20%	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
30%	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
40%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90%	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 5A-D1.31.5-D. Trinity River Below Trinity Dam, Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
Wet Water Years	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	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	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
Dry Water Years	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 Water Years	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.4	-0.2	-0.3

Table 5A-D1.31.5-E. Trinity River Below Trinity Dam, Percent Difference in Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Probability of Exceedance	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10%	0.0%	0.0%	-0.7%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%	-0.2%
20%	-0.2%	-0.1%	0.0%	-0.3%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	-0.2%
30%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.2%	0.0%	0.0%
40%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
50%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
60%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
70%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
80%	0.0%	0.0%	-0.1%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
90%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%

Table 5A-D1.31.5-F. Trinity River Below Trinity Dam, Percent Difference in Monthly Average Temperature (degree Fahrenheit), Alternative 5 (2020) minus Existing Conditions

Average	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Full Simulation Period	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%
Wet Water Years	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	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Below Normal Water Years	0.0%	-0.1%	-0.2%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%
Dry Water Years	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 Water Years	-0.1%	0.0%	-0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	-0.2%	-0.9%	-0.5%	-0.5%

Figure 5A-D1.31.1. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for Full Simulation Period, Existing Conditions

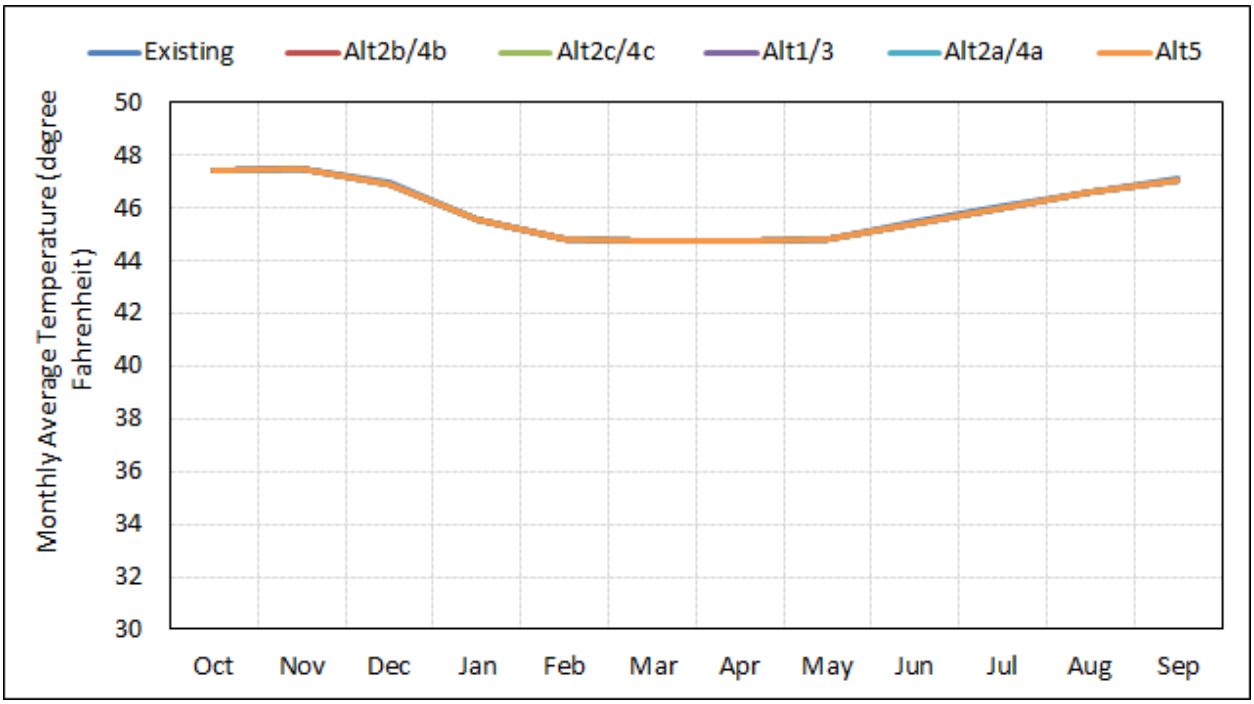


Figure 5A-D1.31.2. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for Wet Water Years, Existing Conditions

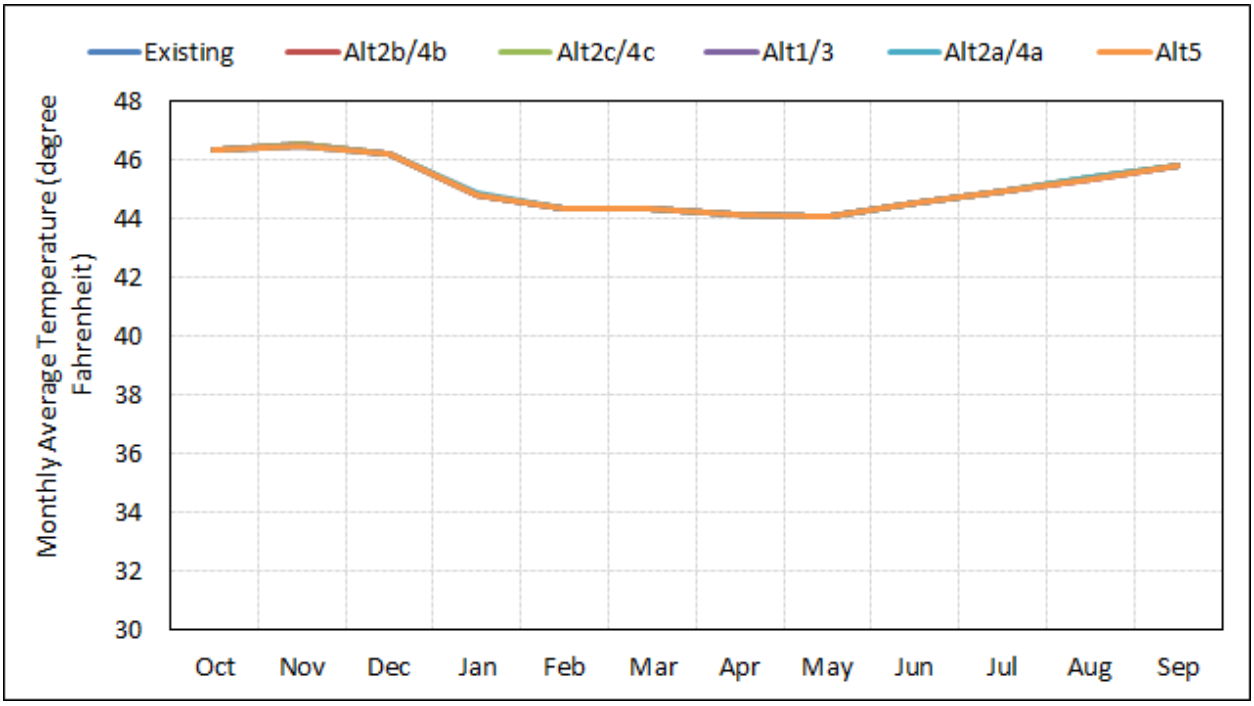


Figure 5A-D1.31.3. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

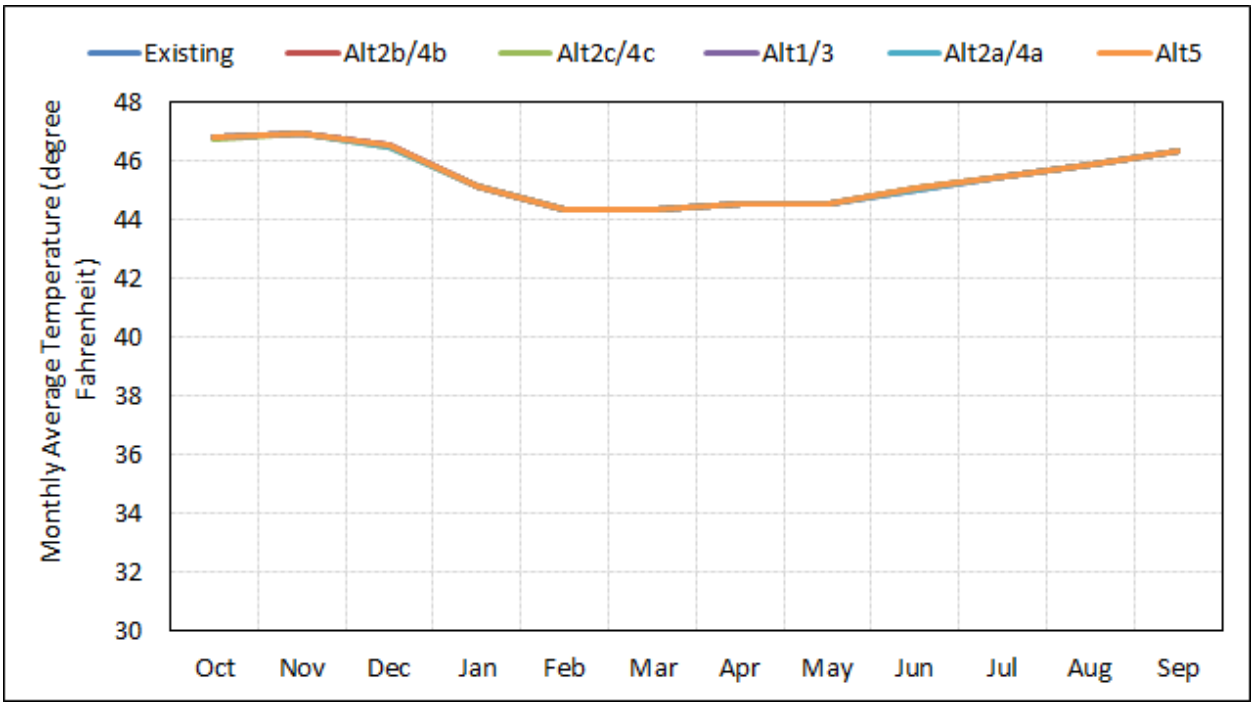


Figure 5A-D1.31.4. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for Below Normal Water Years, Existing Conditions

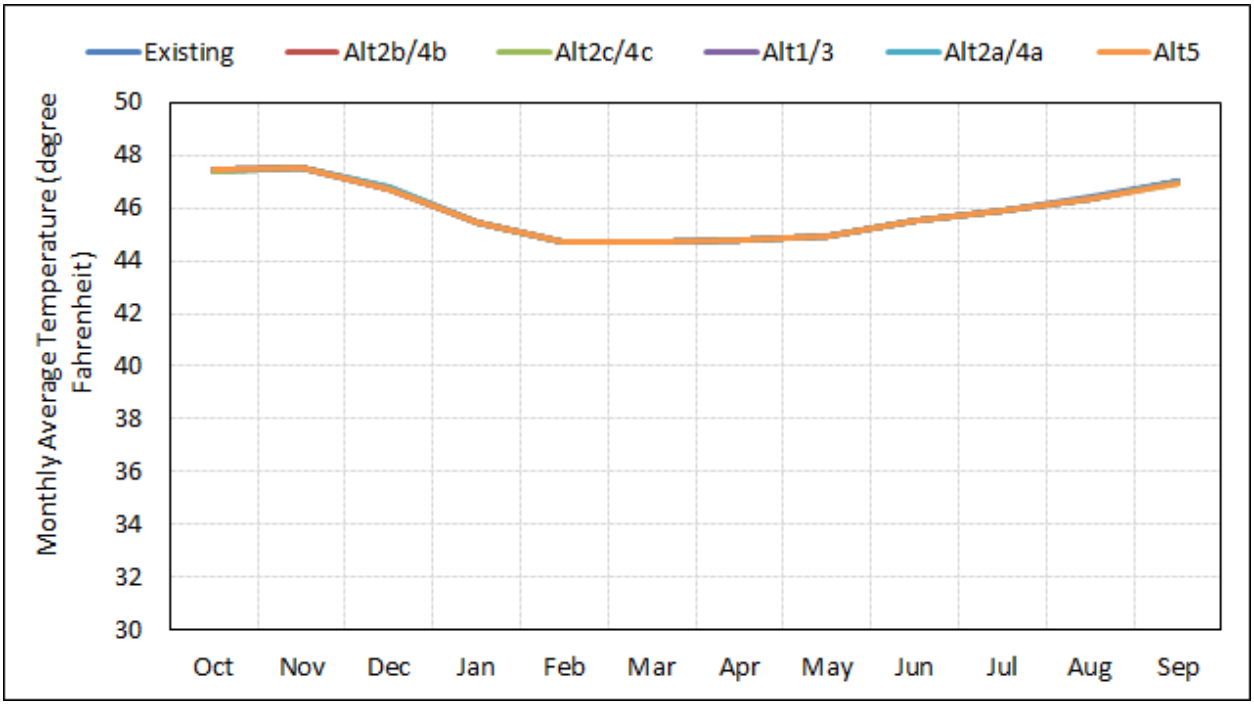


Figure 5A-D1.31.5. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for Dry Water Years, Existing Conditions

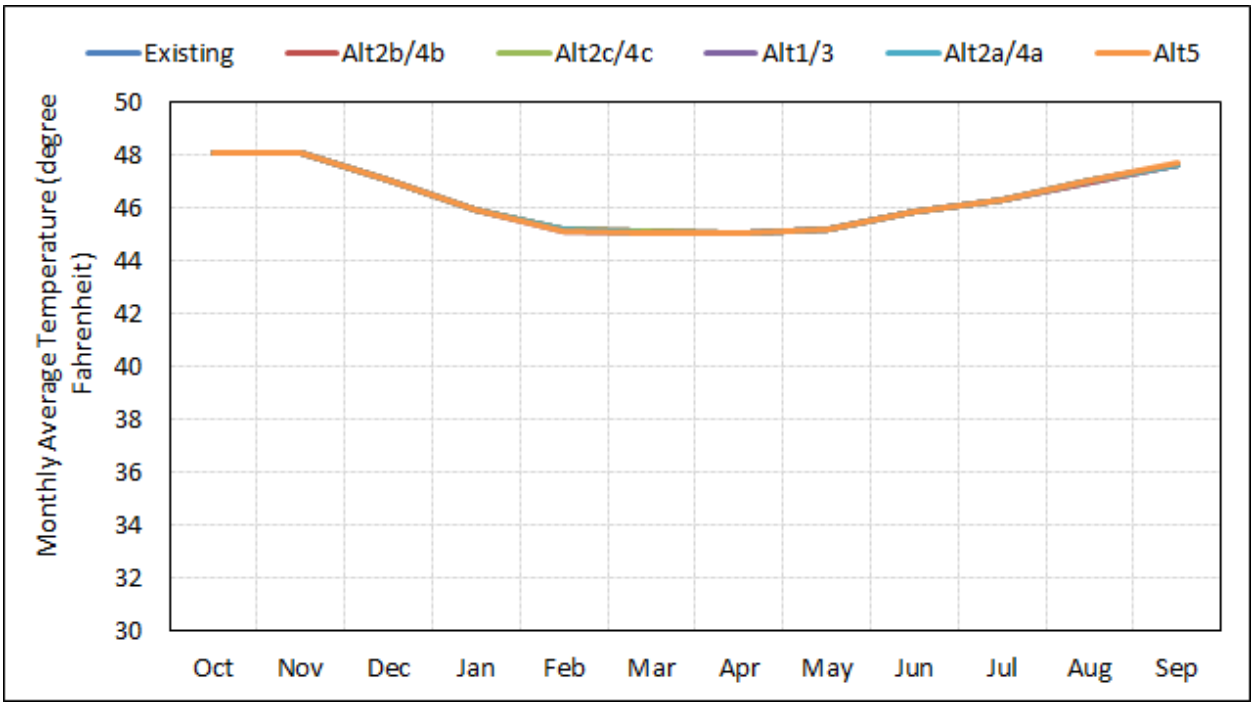


Figure 5A-D1.31.6. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for Critical Water Years, Existing Conditions

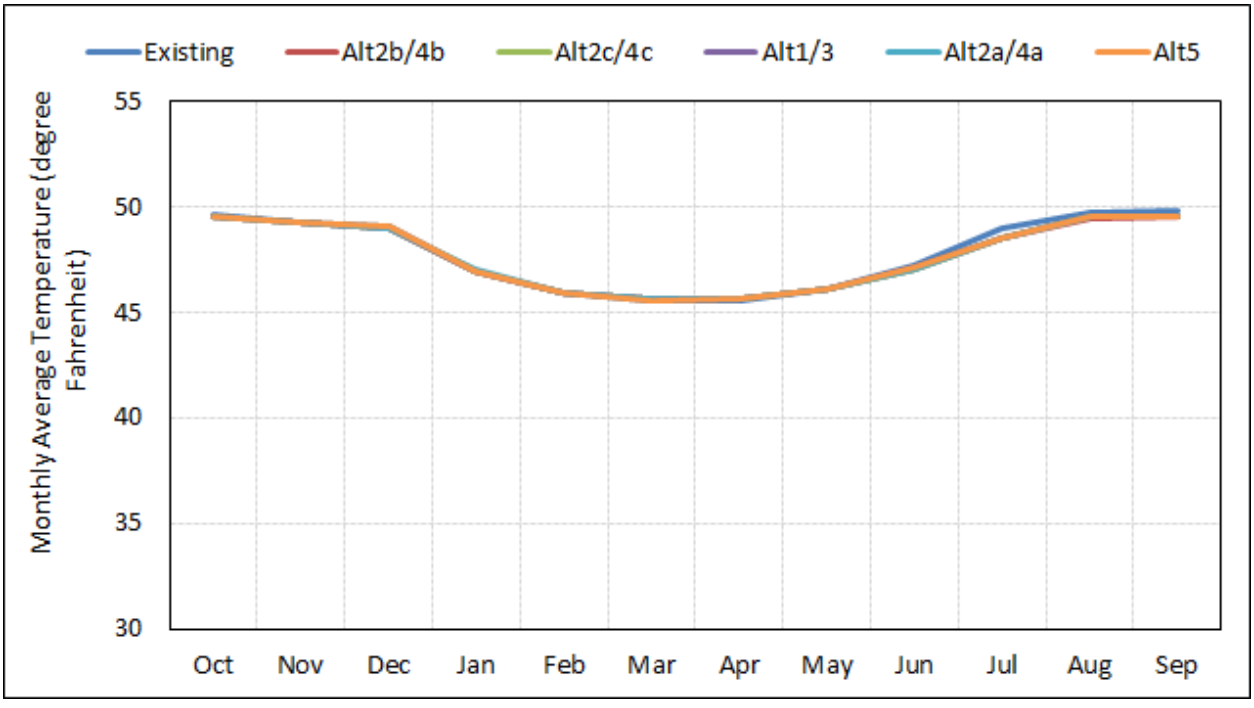


Figure 5A-D1.31.7. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for October, Existing Conditions

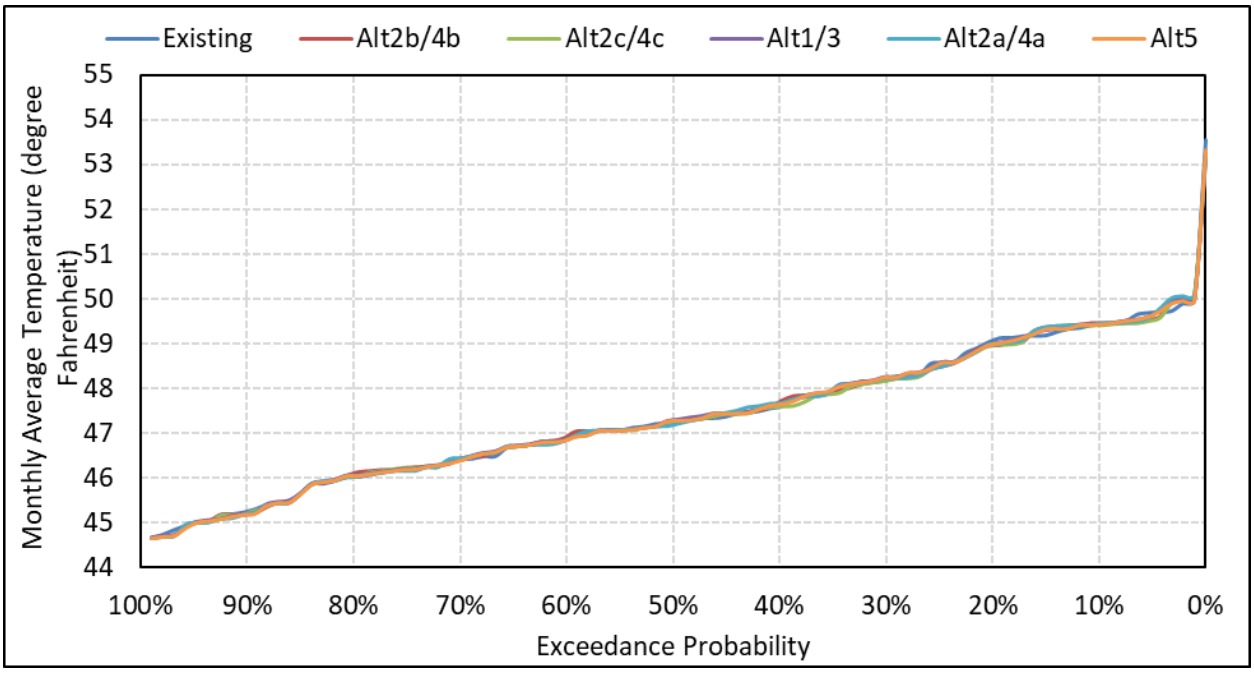


Figure 5A-D1.31.8. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for November, Existing Conditions

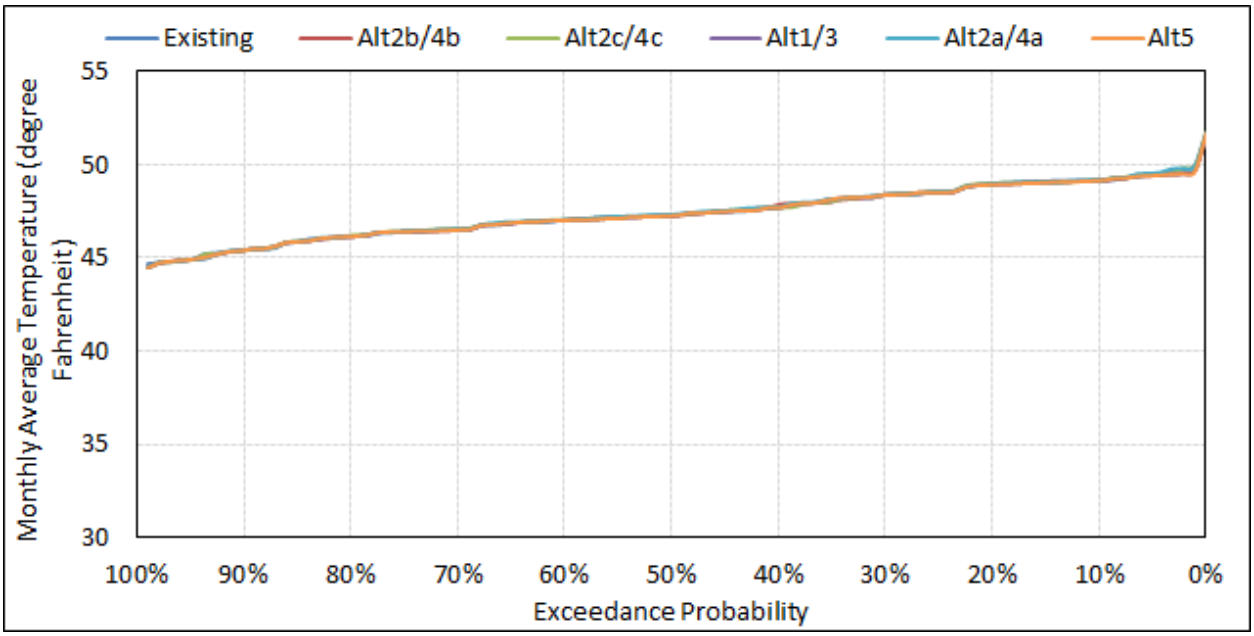


Figure 5A-D1.31.9. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for December, Existing Conditions

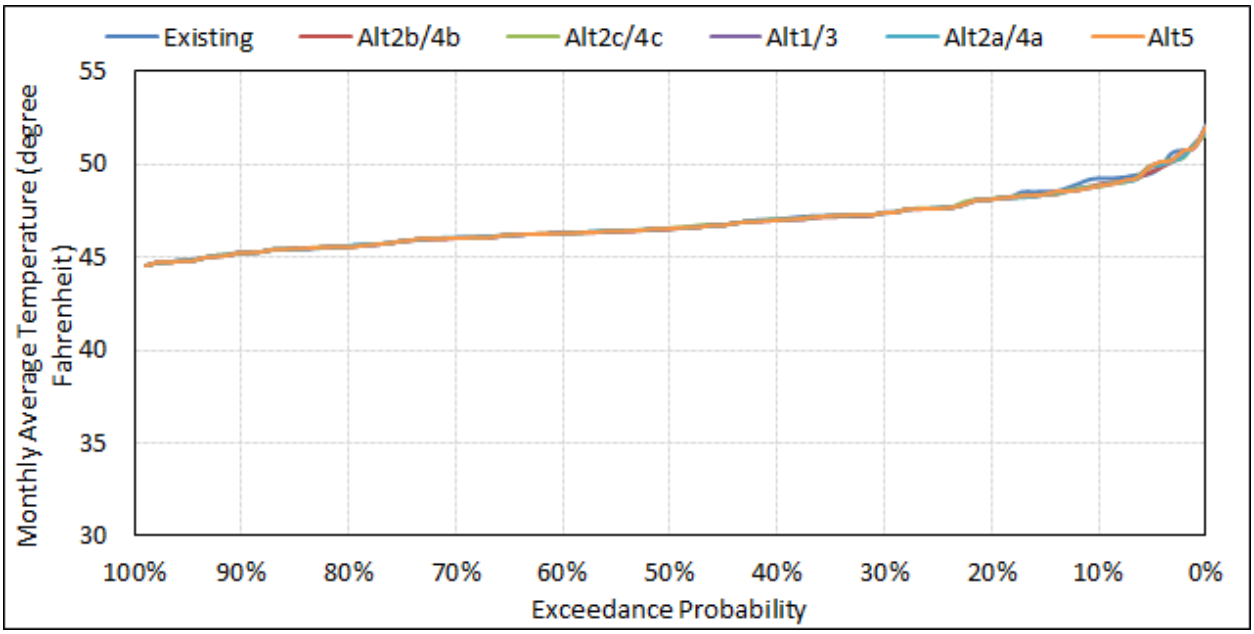


Figure 5A-D1.31.10. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for January, Existing Conditions

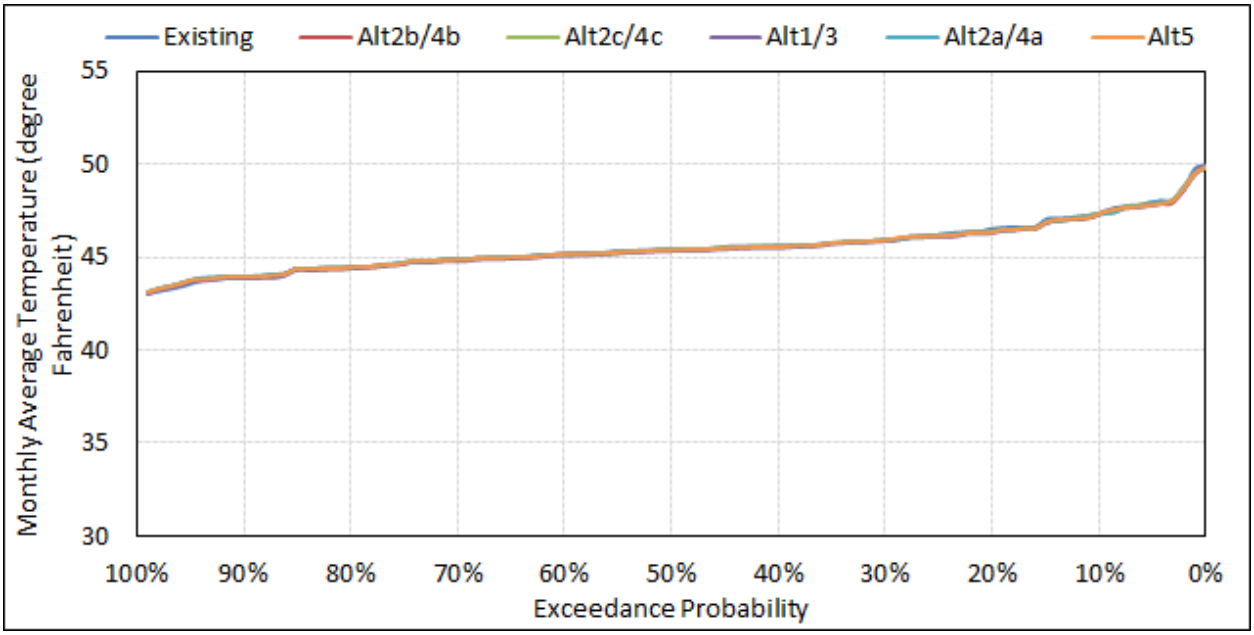


Figure 5A-D1.31.11. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for February, Existing Conditions

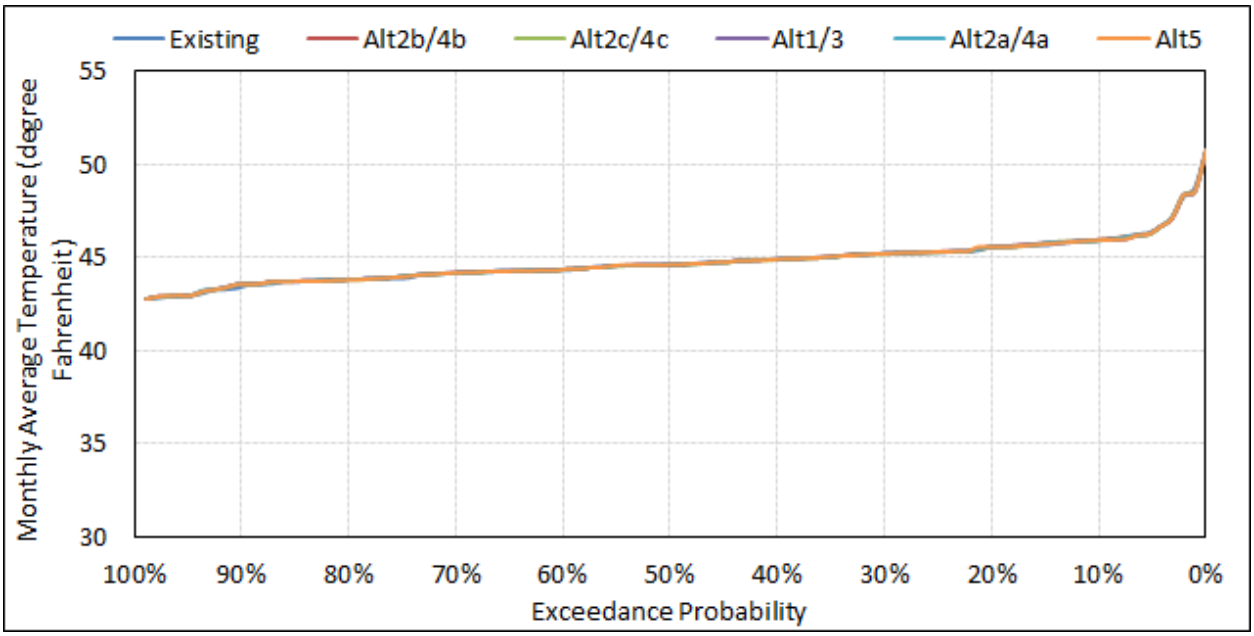


Figure 5A-D1.31.12. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for March, Existing Conditions

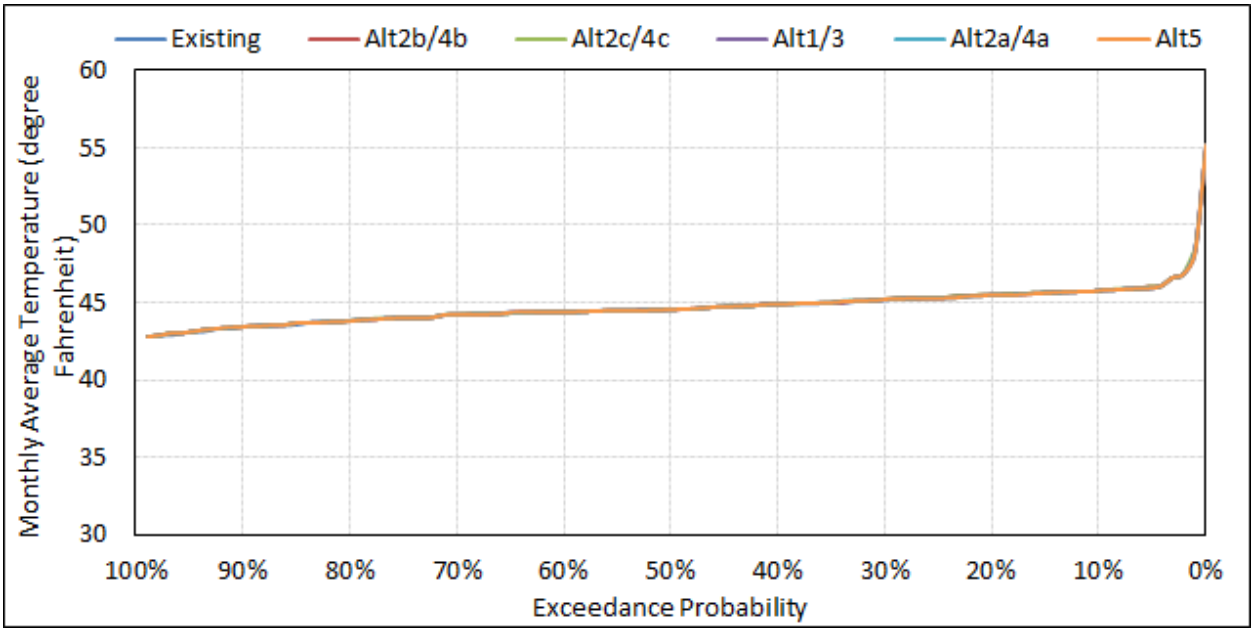


Figure 5A-D1.31.13. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for April, Existing Conditions

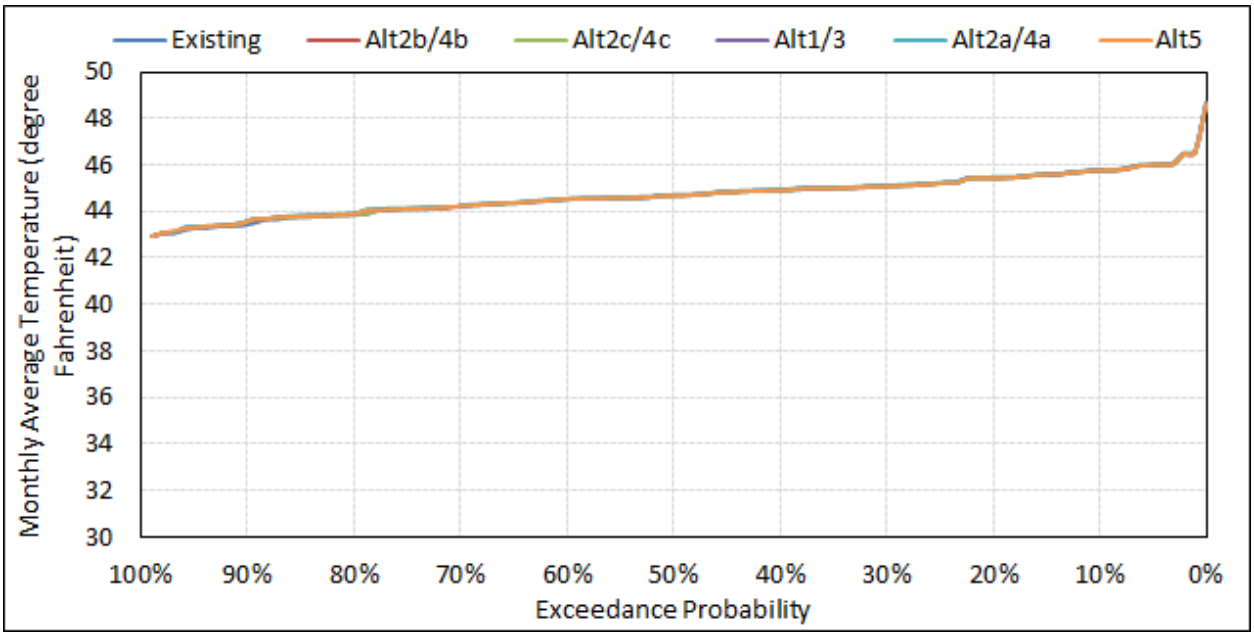


Figure 5A-D1.31.14. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for May, Existing Conditions

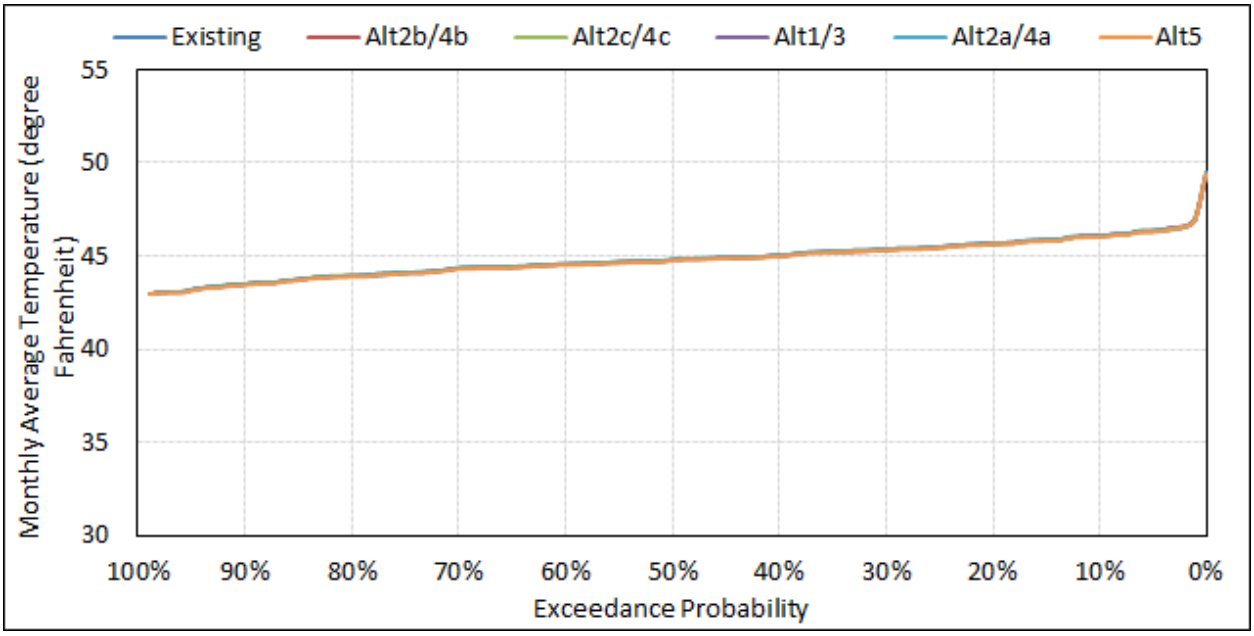


Figure 5A-D1.31.15. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for June, Existing Conditions

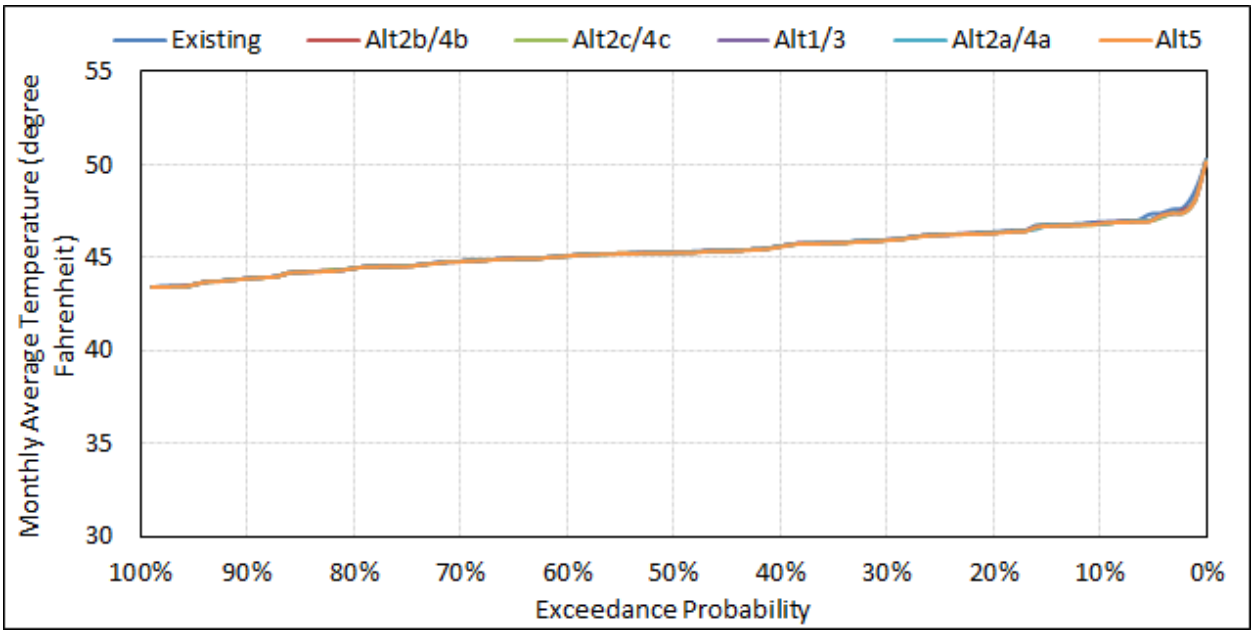


Figure 5A-D1.31.16. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for July, Existing Conditions

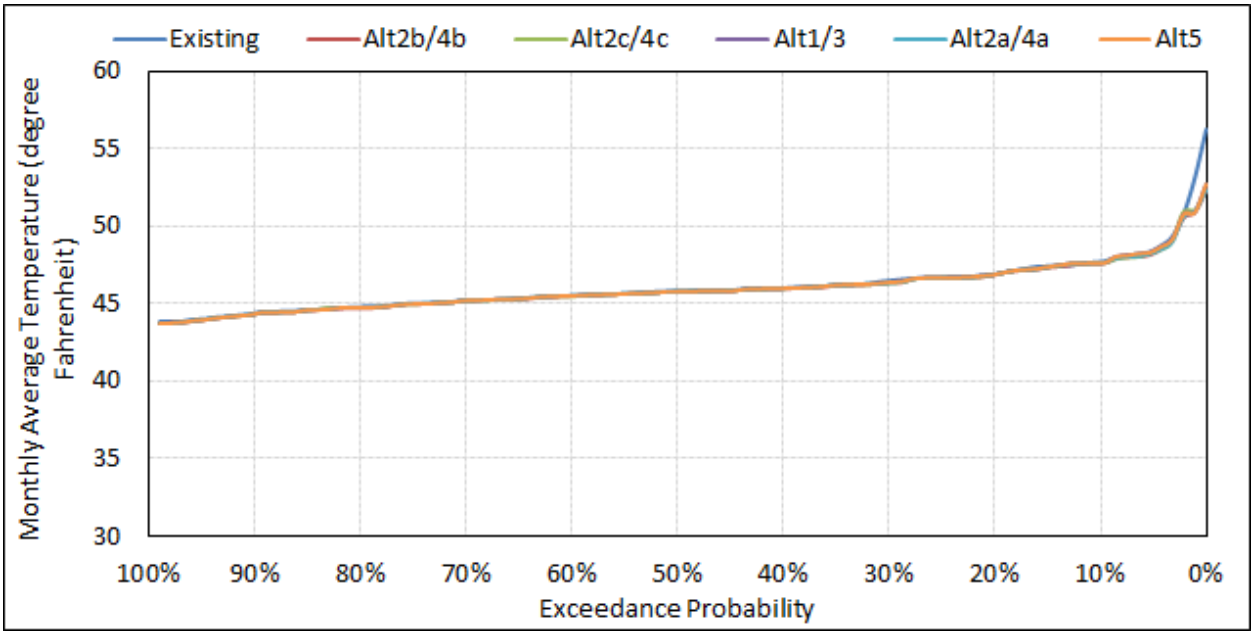


Figure 5A-D1.31.17. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for August, Existing Conditions

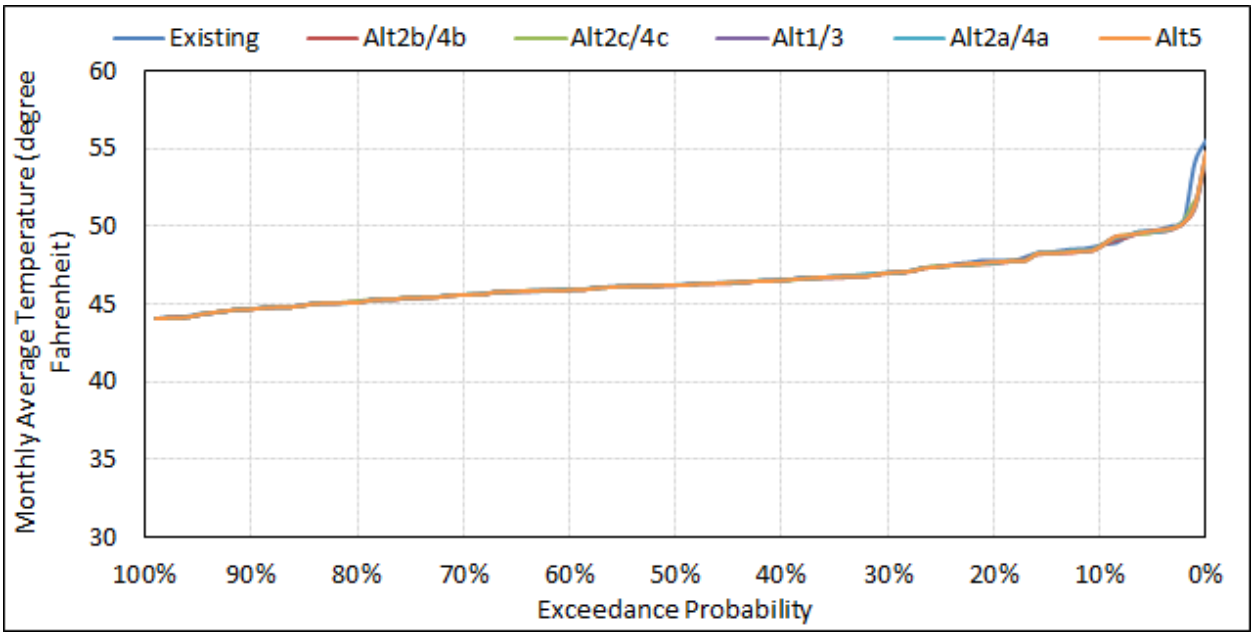


Figure 5A-D1.31.18. Trinity River Below Trinity Dam, Monthly Average Temperature (degree Fahrenheit) for September, Existing Conditions

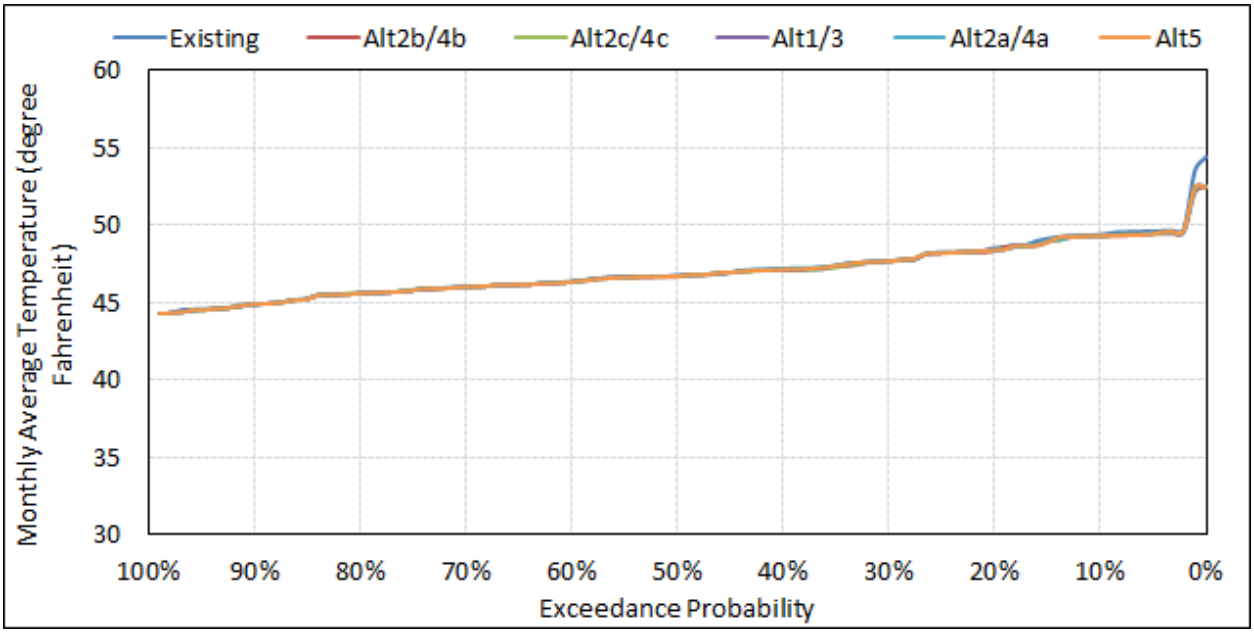
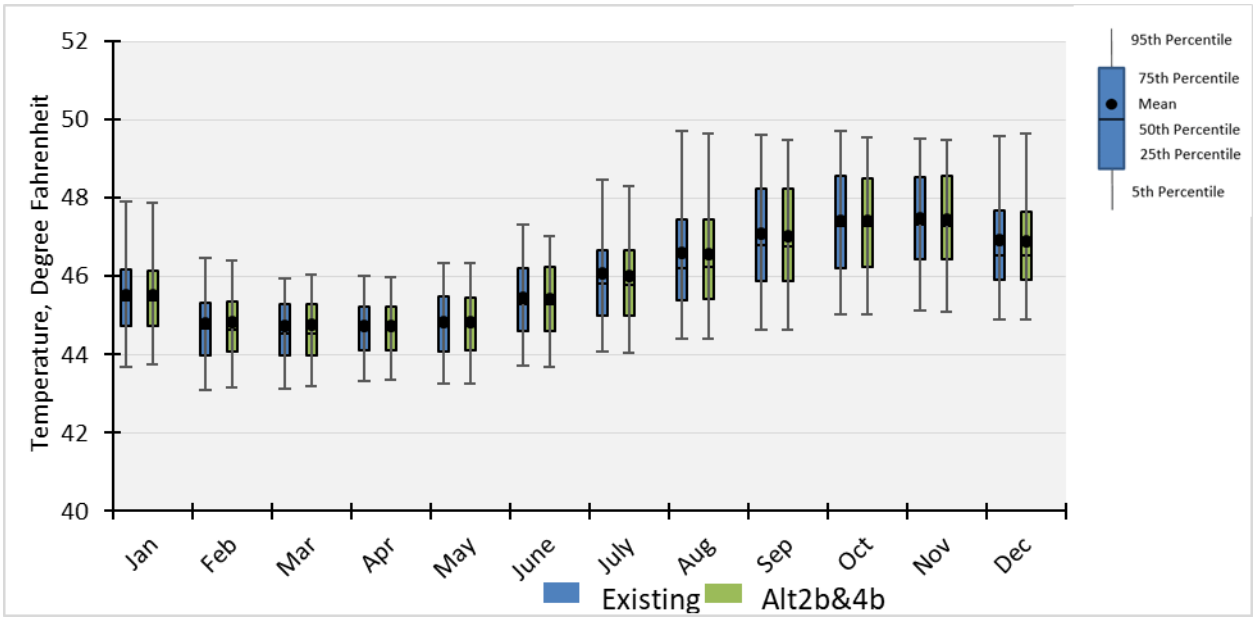


Figure 5A-D1.31.19. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) versus Existing Conditions



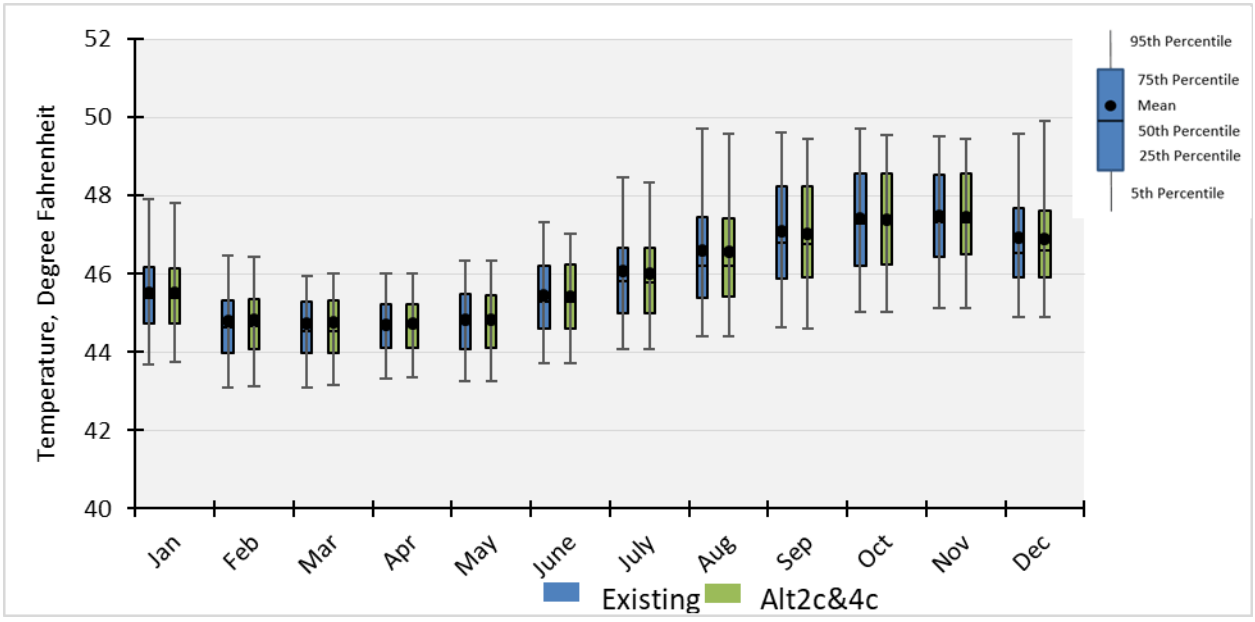
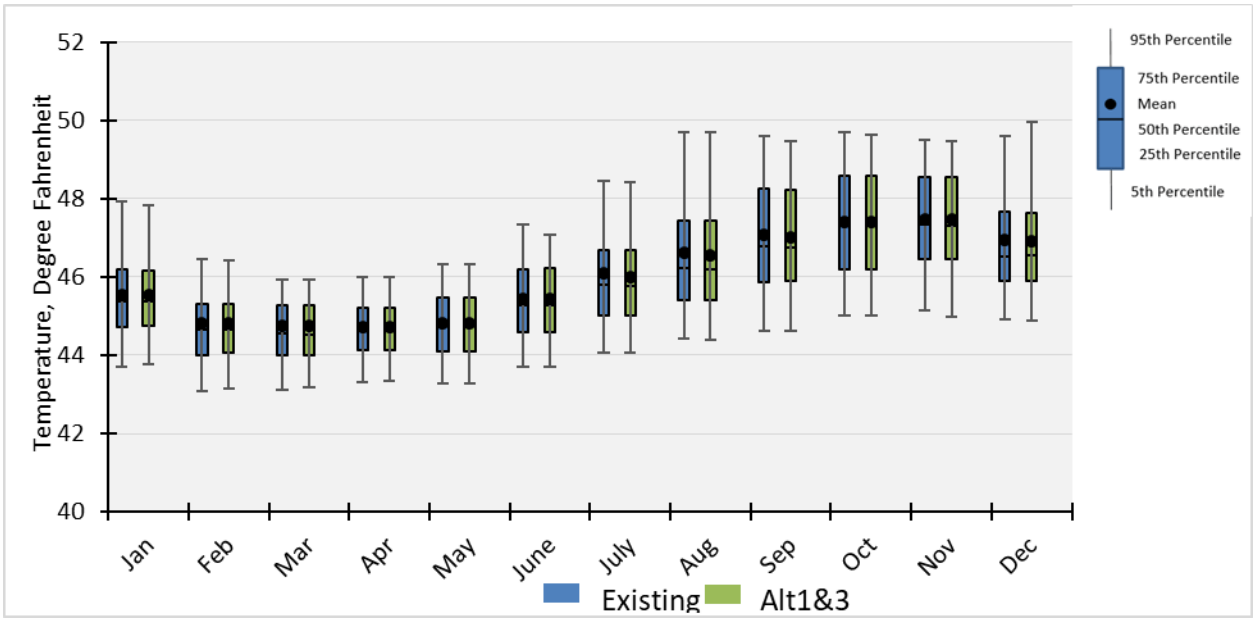


Figure 5A-D1.31.20. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 1/3 (2020) and Alternative 2a/4a (2020) versus Existing Conditions



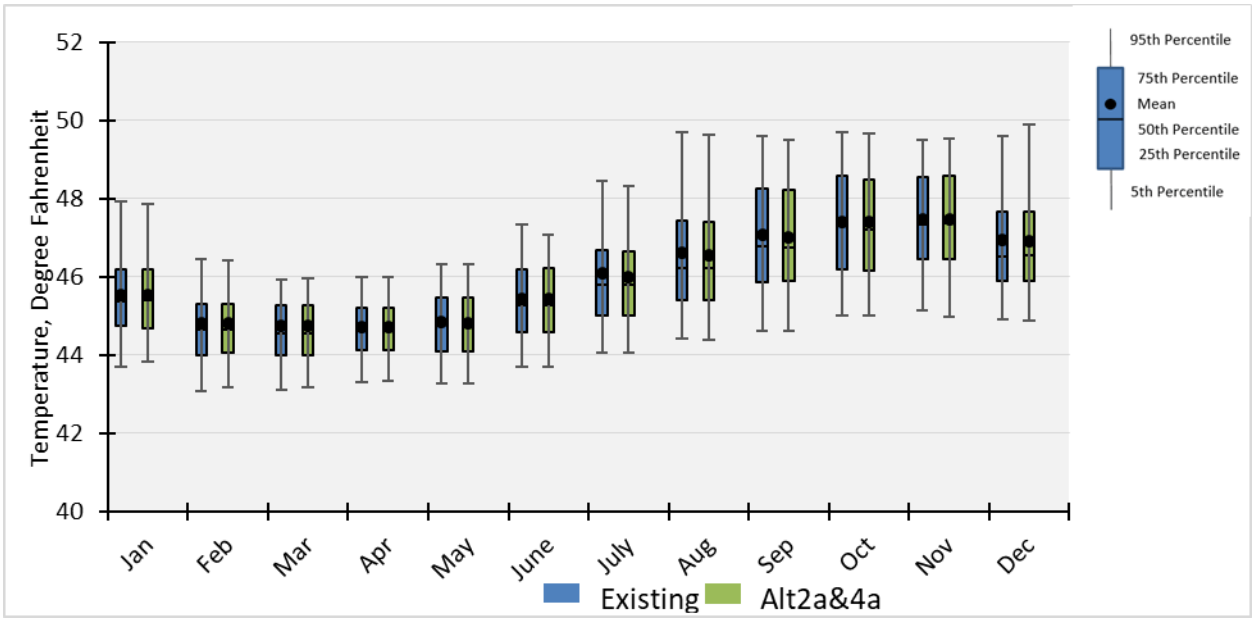


Figure 5A-D1.31.21. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Full Simulation Period, Alternative 5 (2020) vs Existing Conditions

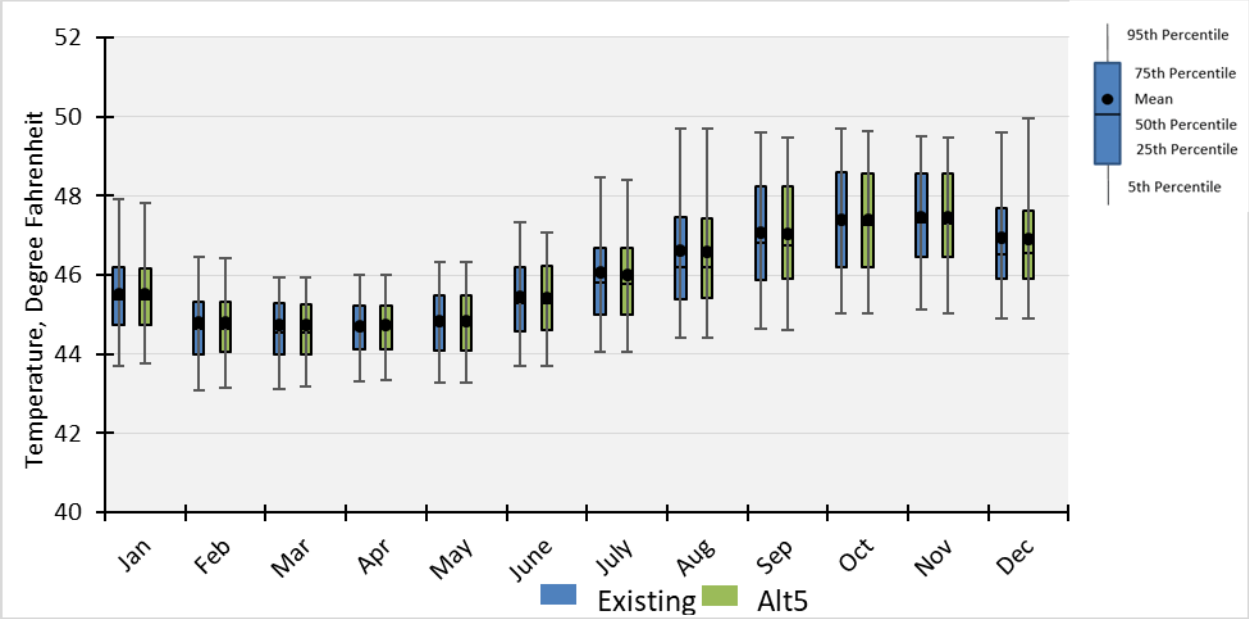
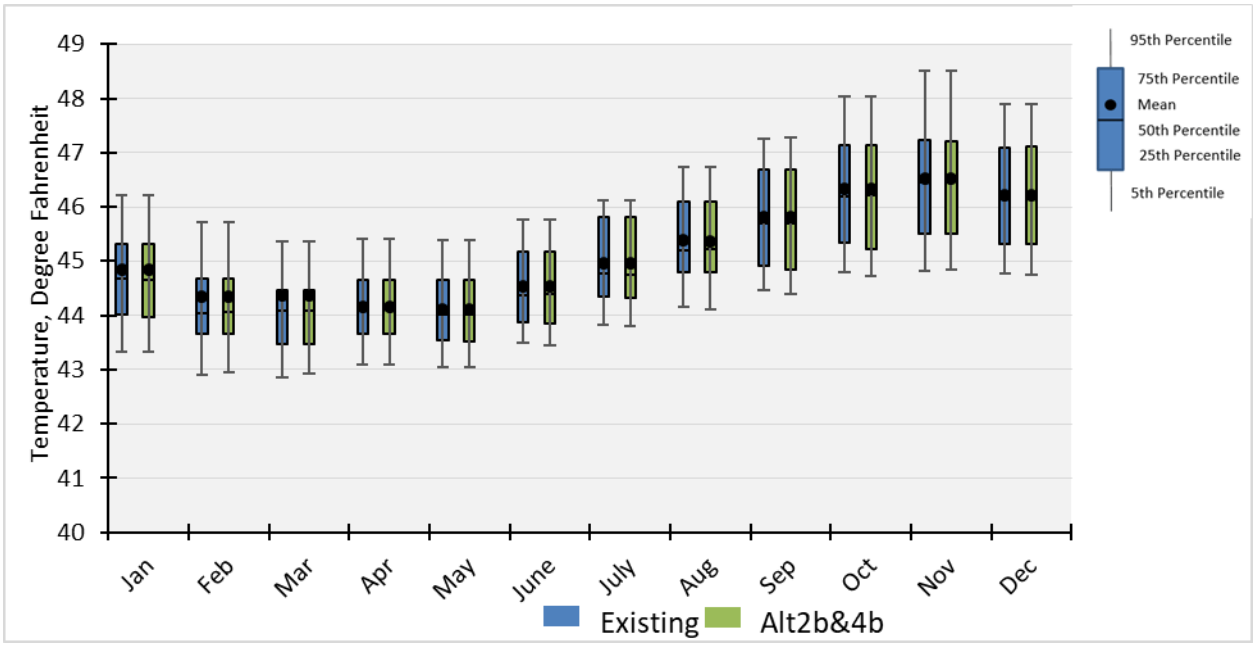


Figure 5A-D1.31.22. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



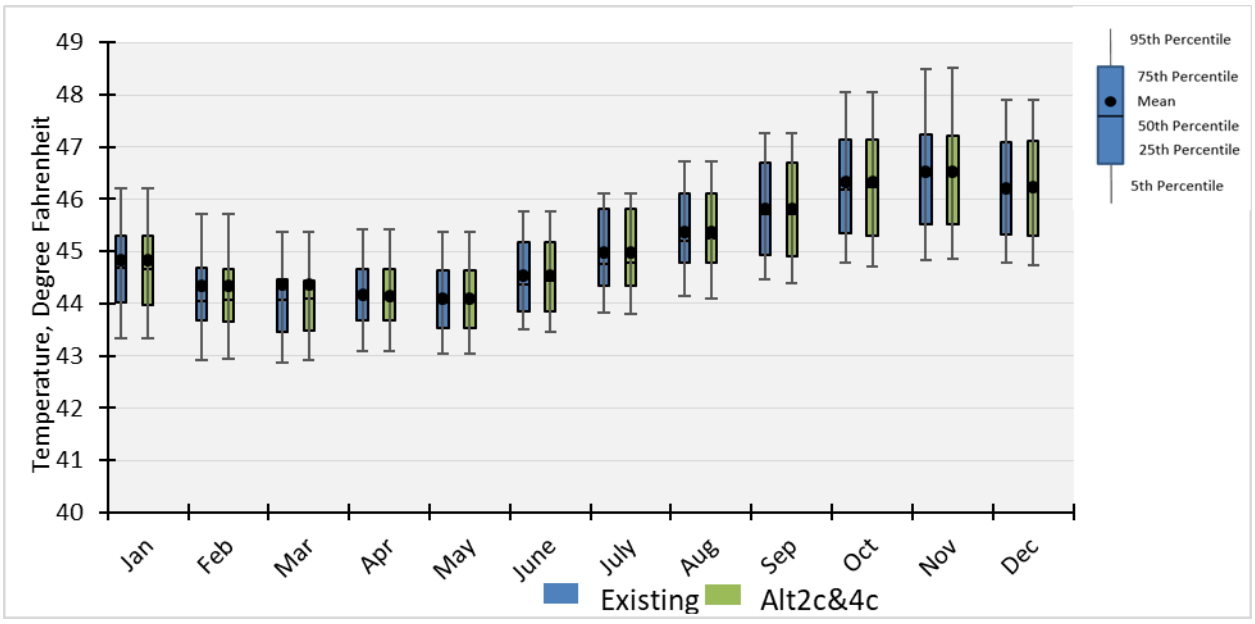
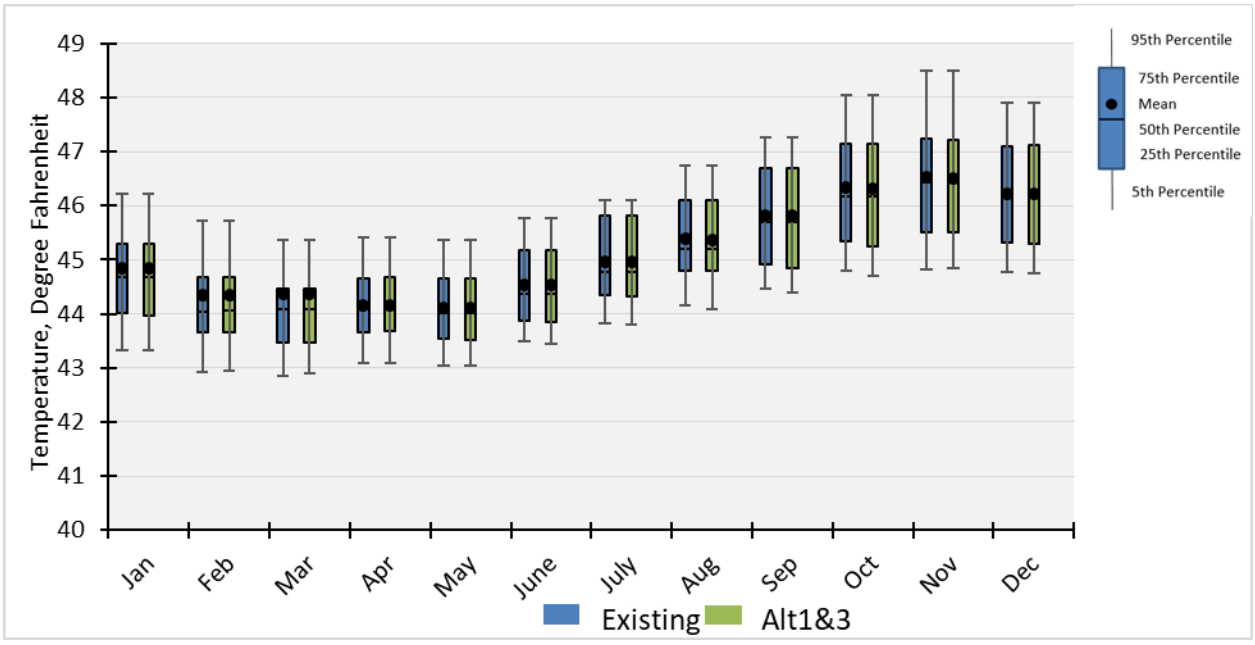


Figure 5A-D1.31.23. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



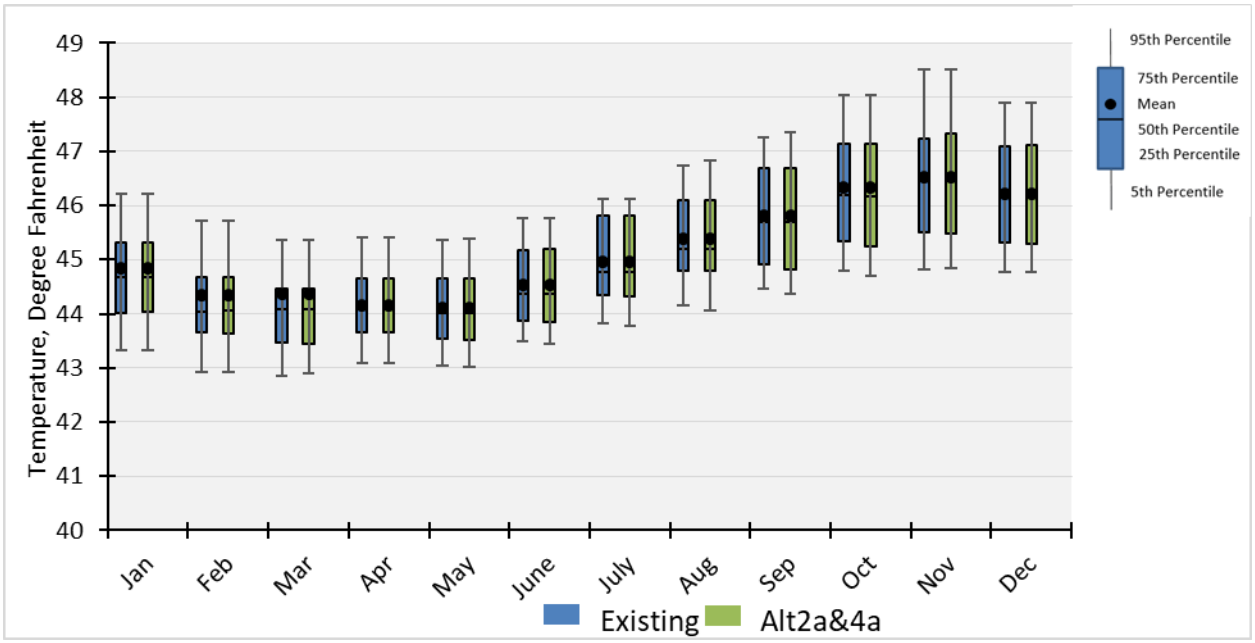


Figure 5A-D1.31.24. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Wet Years, Alternative 5 (2020) vs Existing Conditions

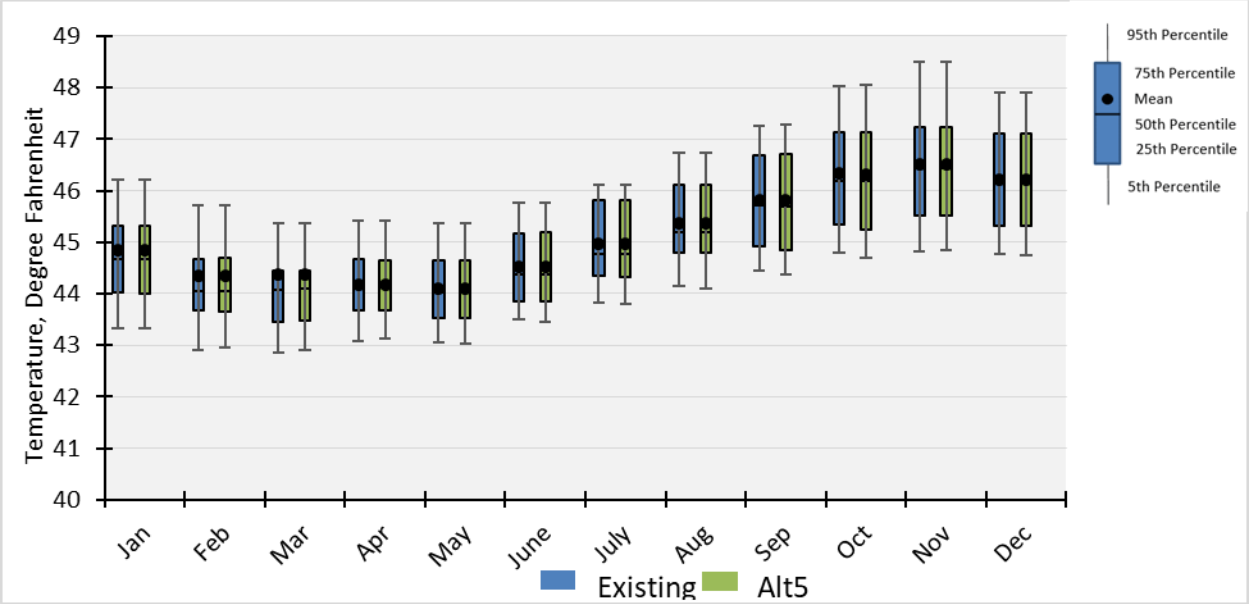
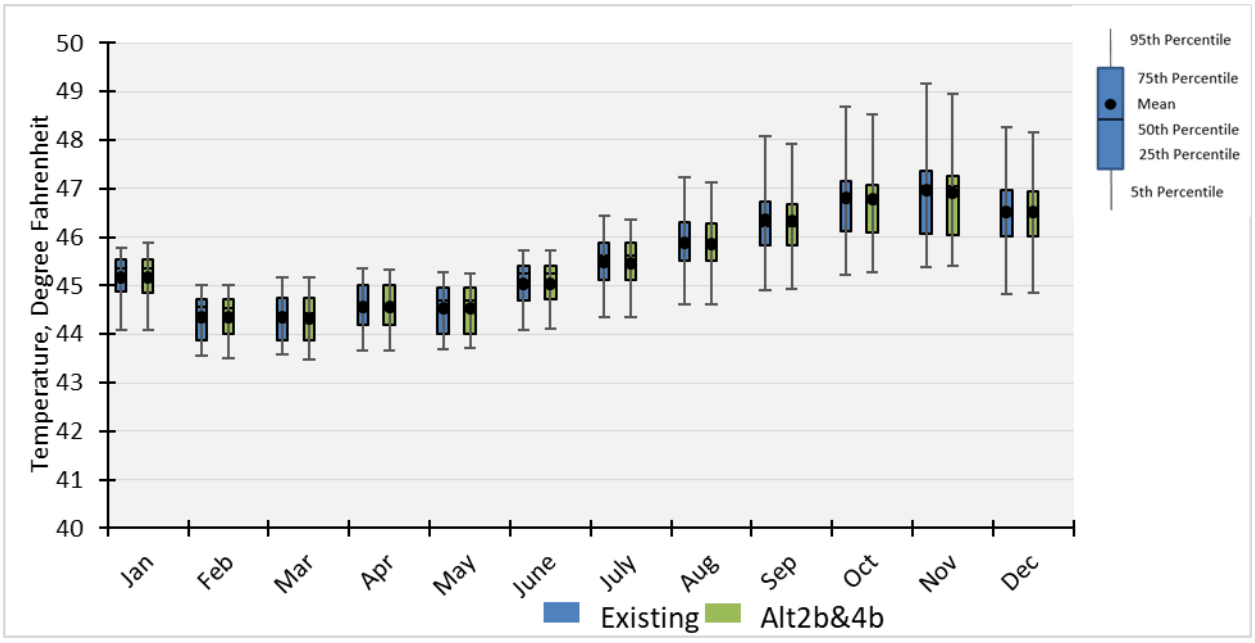


Figure 5A-D1.31.25. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



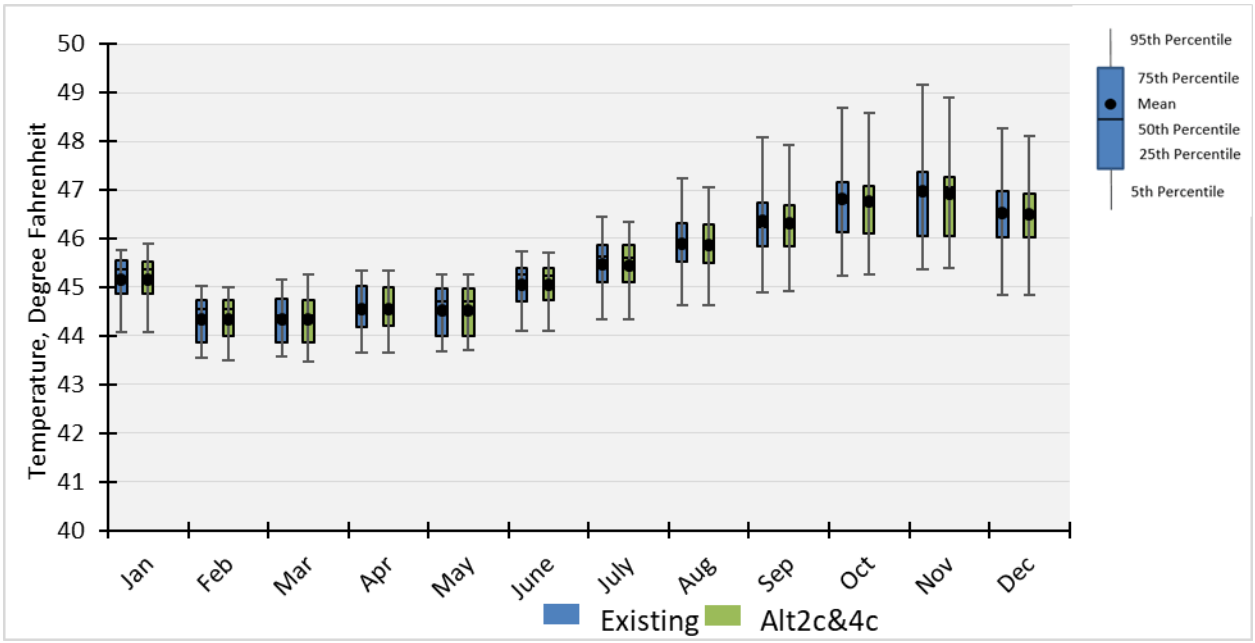
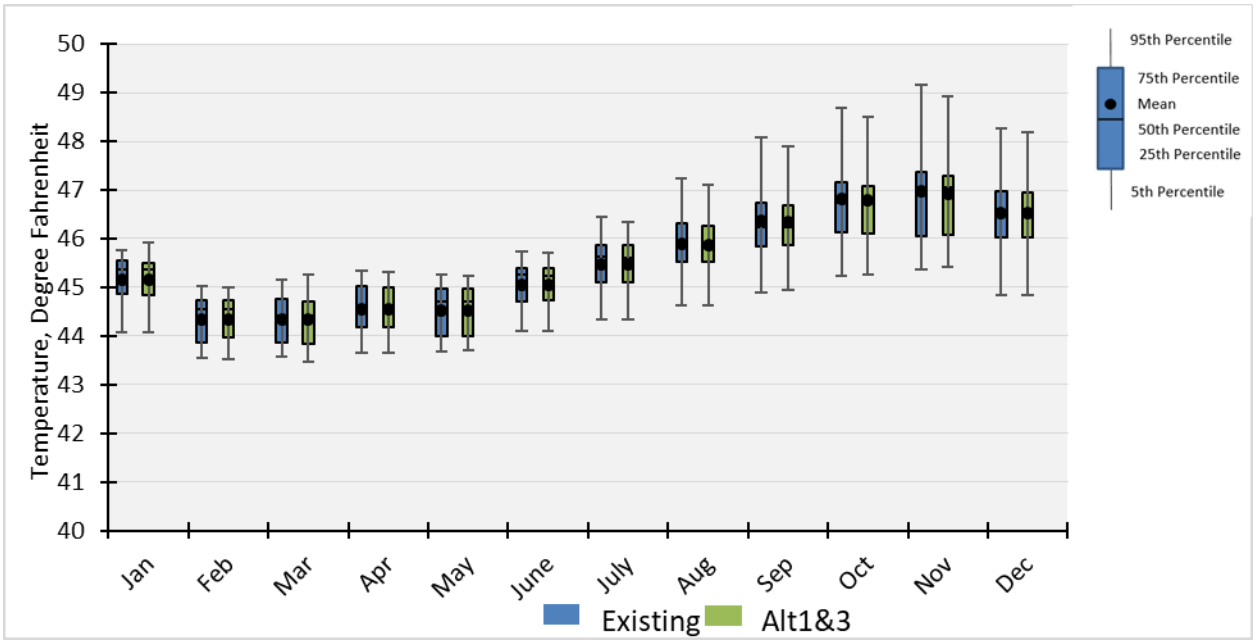


Figure 5A-D1.31.26. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



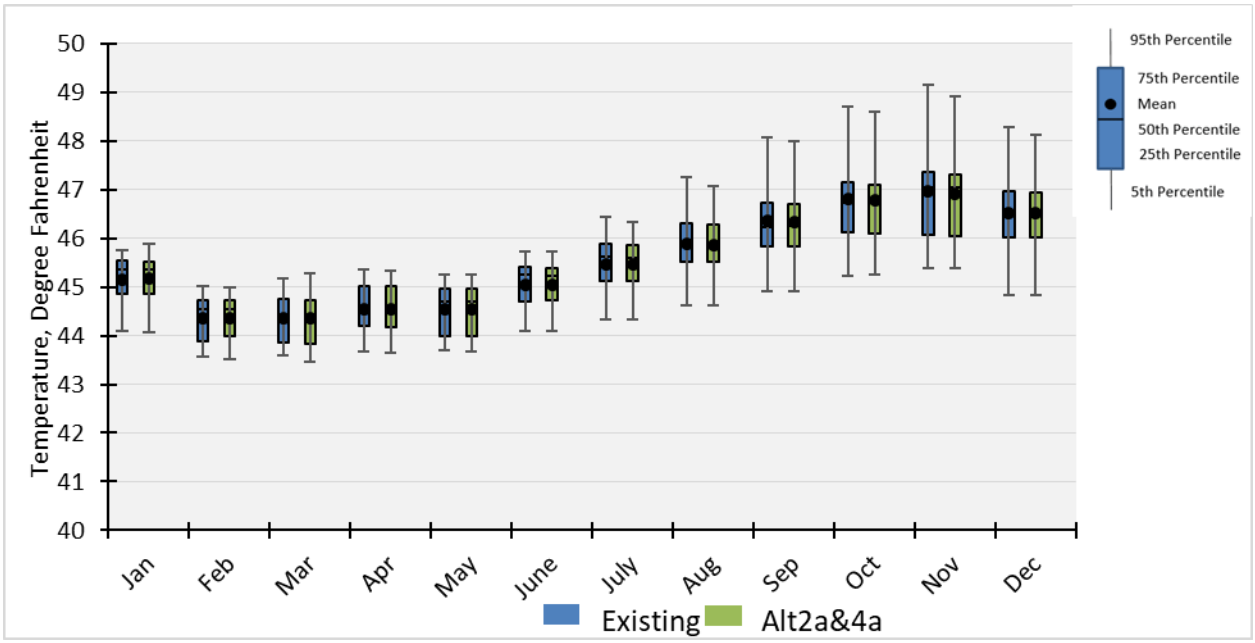


Figure 5A-D1.31.27. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Above Normal Water Years, Alternative 5 (2020) vs Existing Conditions

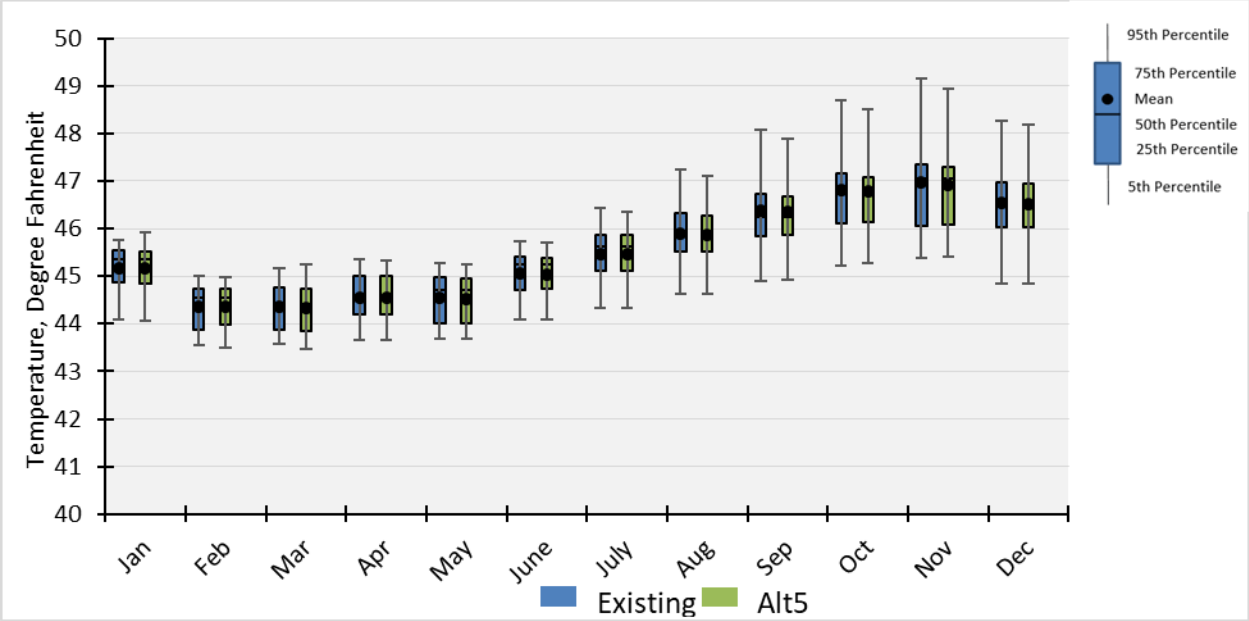
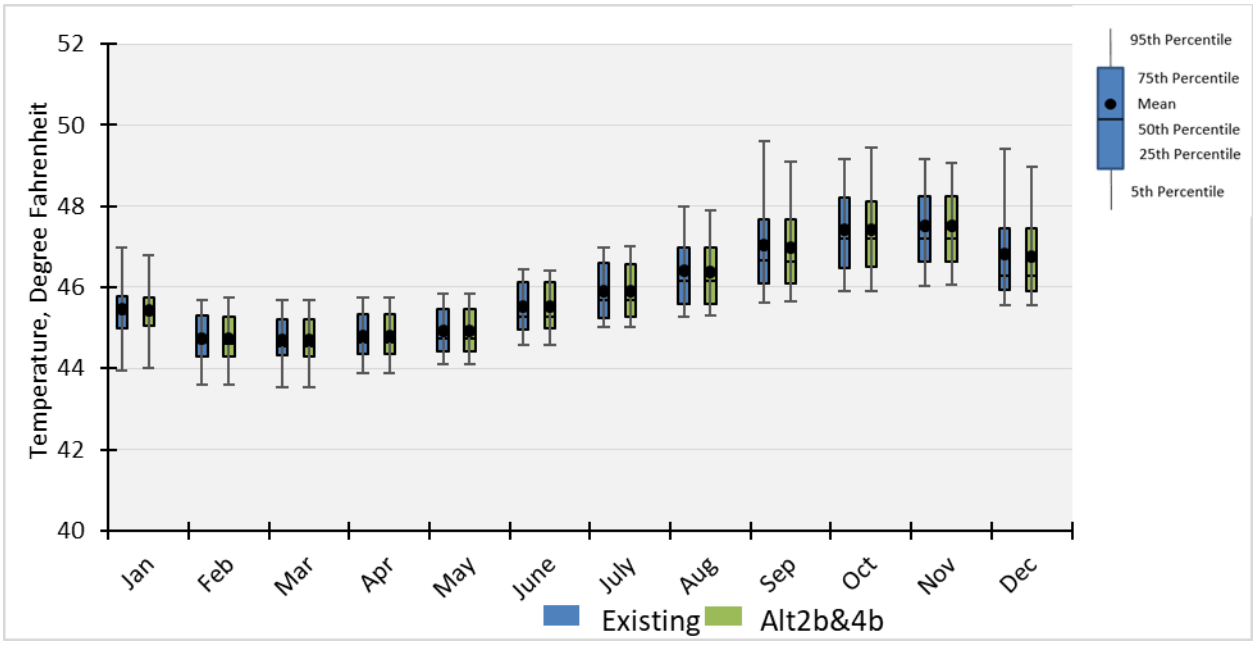


Figure 5A-D1.31.28. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



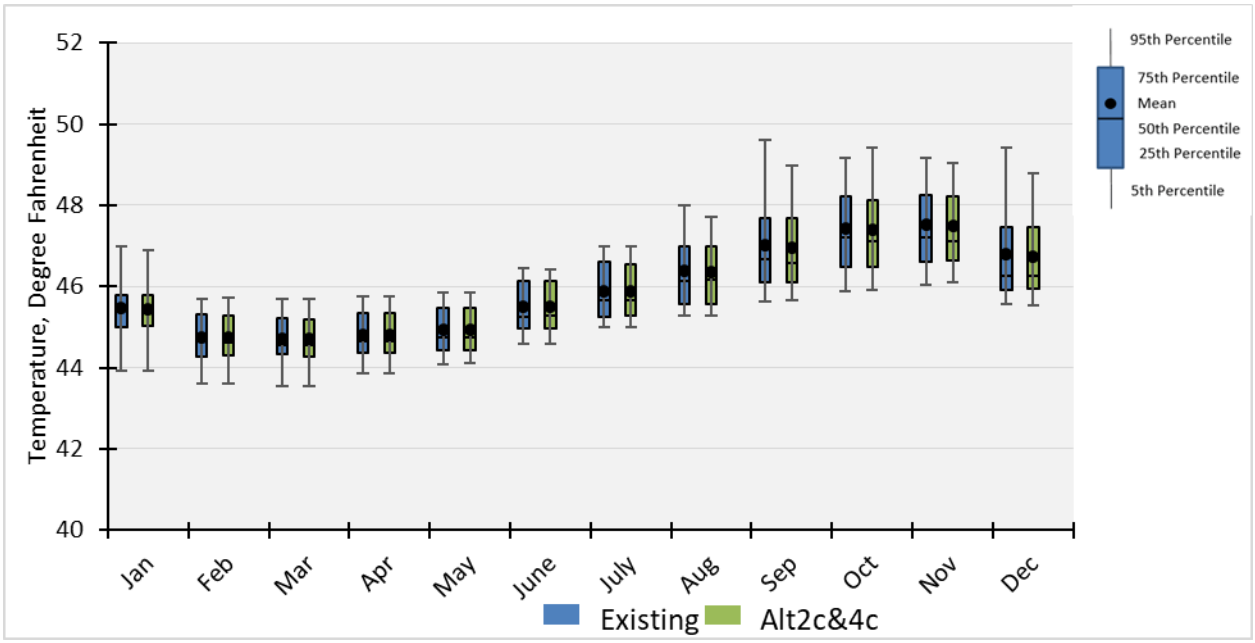
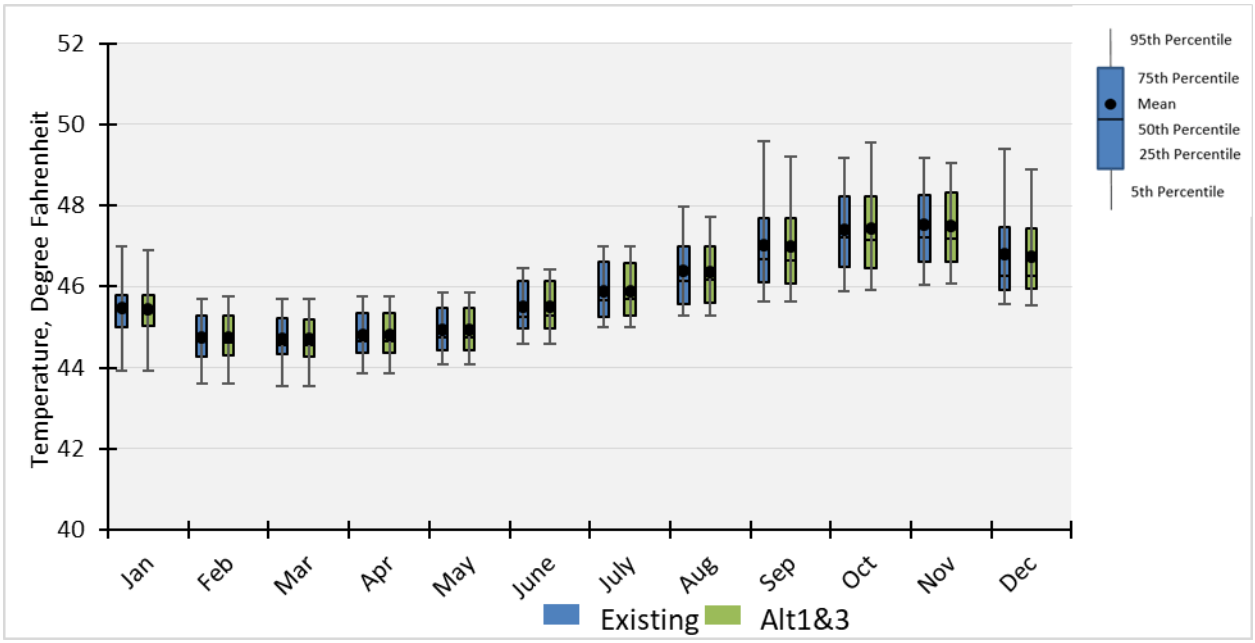


Figure 5A-D1.31.29. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



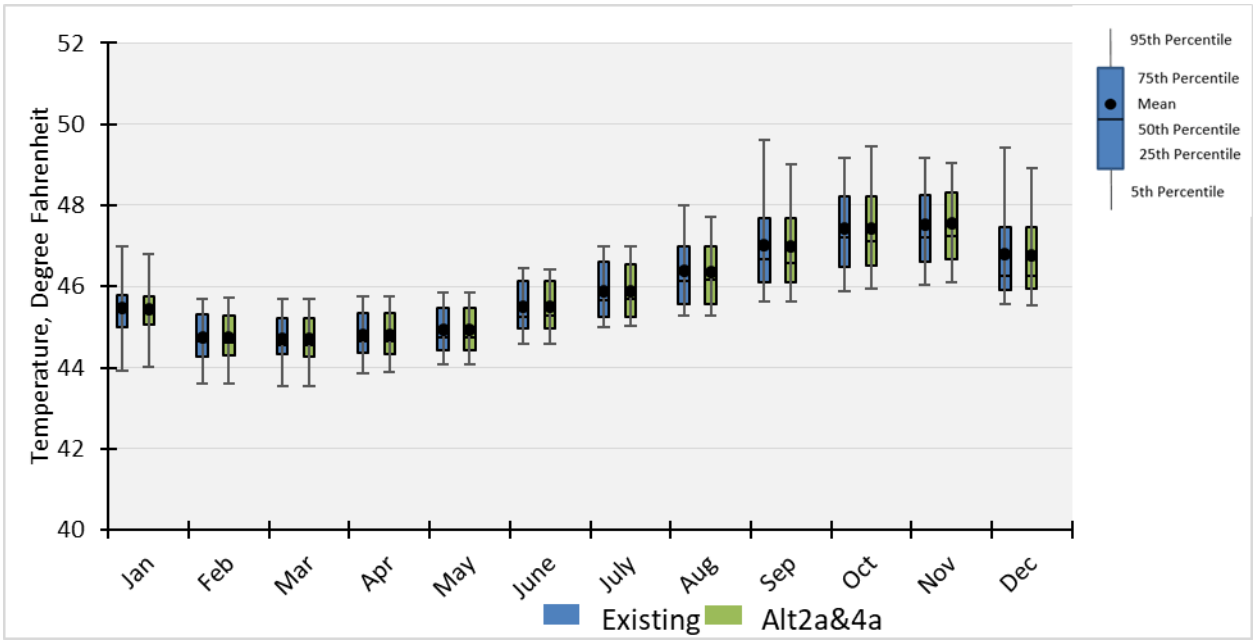


Figure 5A-D1.31.30. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Below Normal Water Years, Alternative 5 (2020) vs Existing Conditions

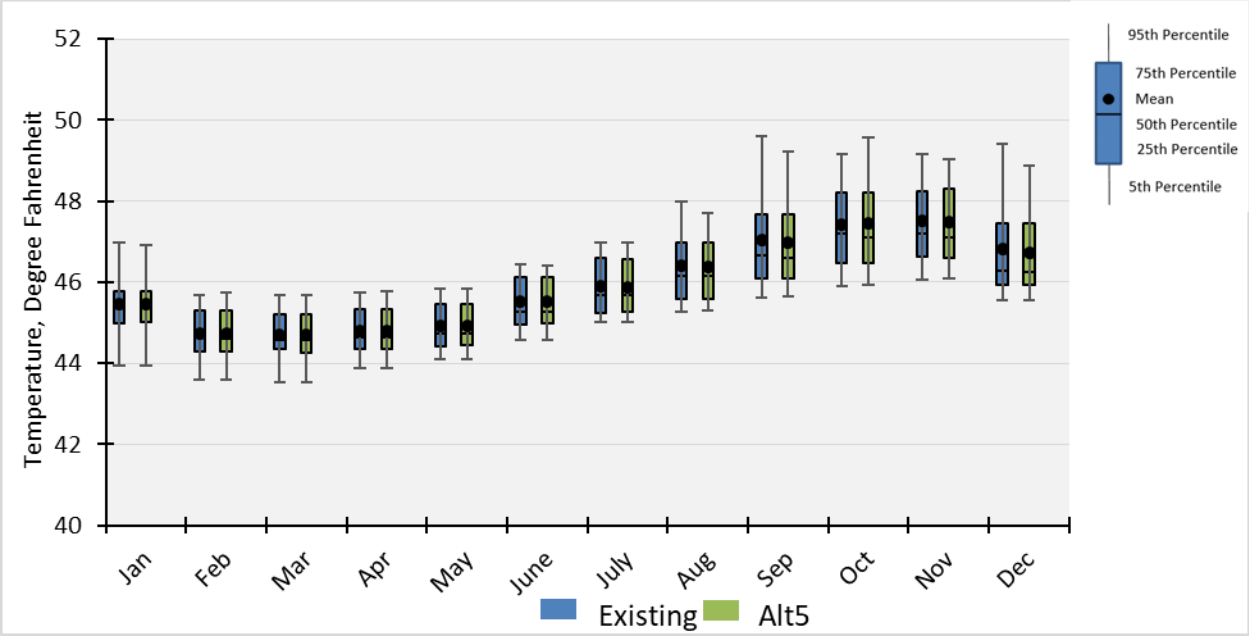
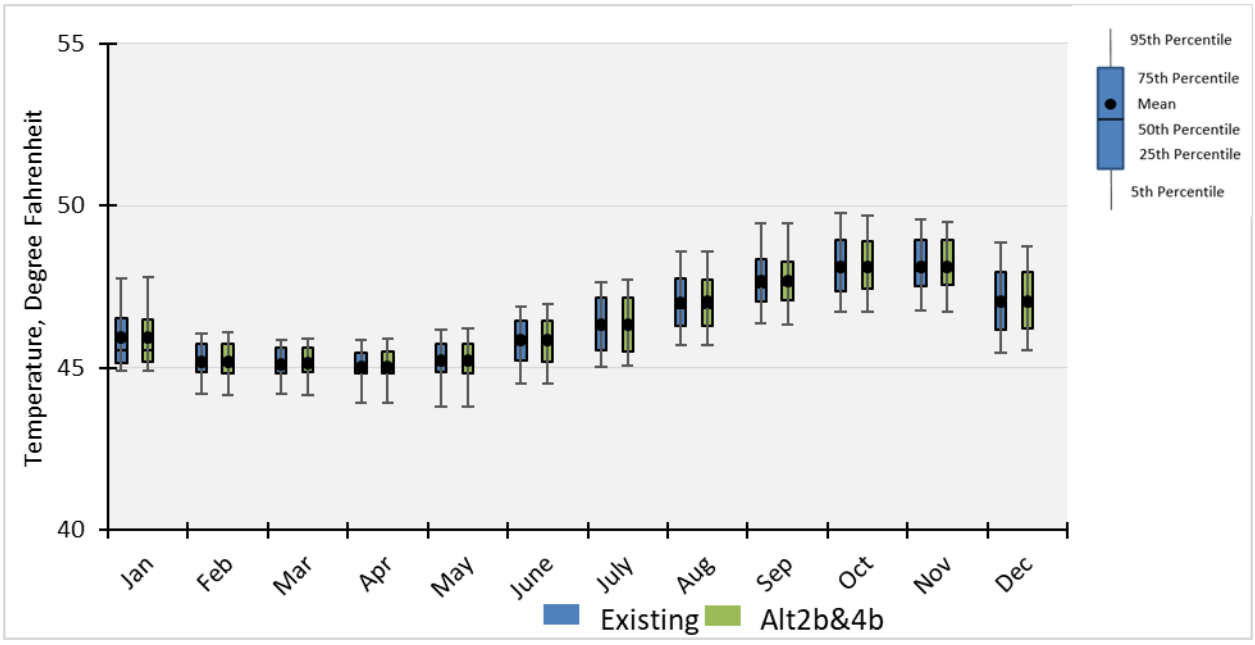


Figure 5A-D1.31.31. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



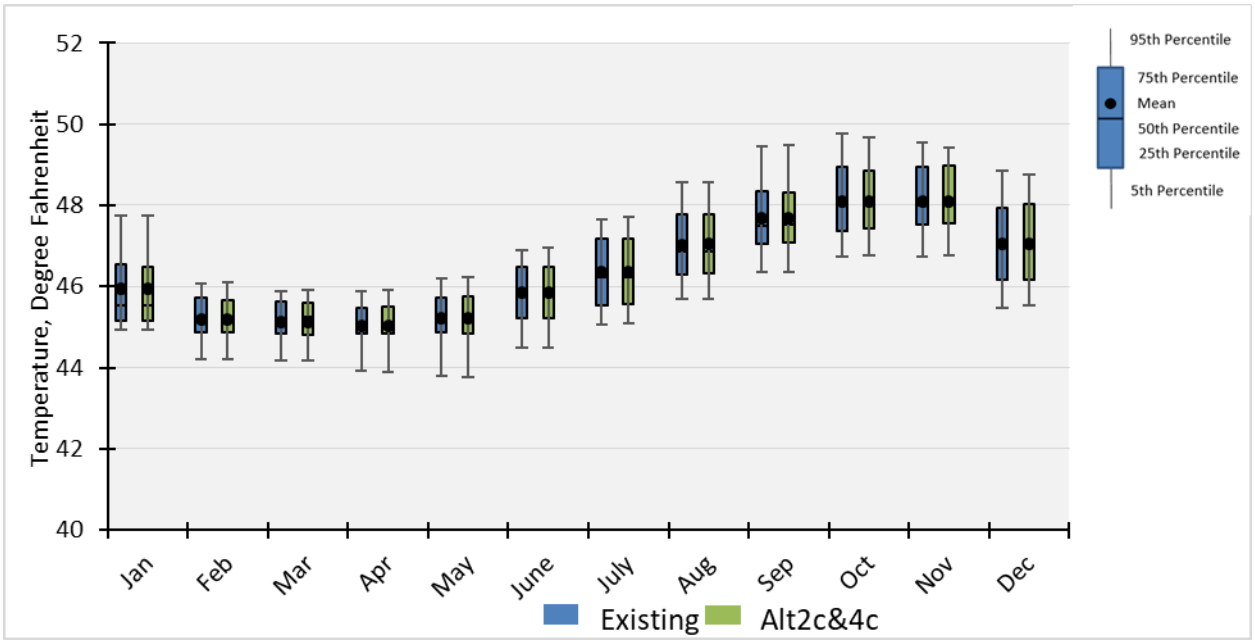
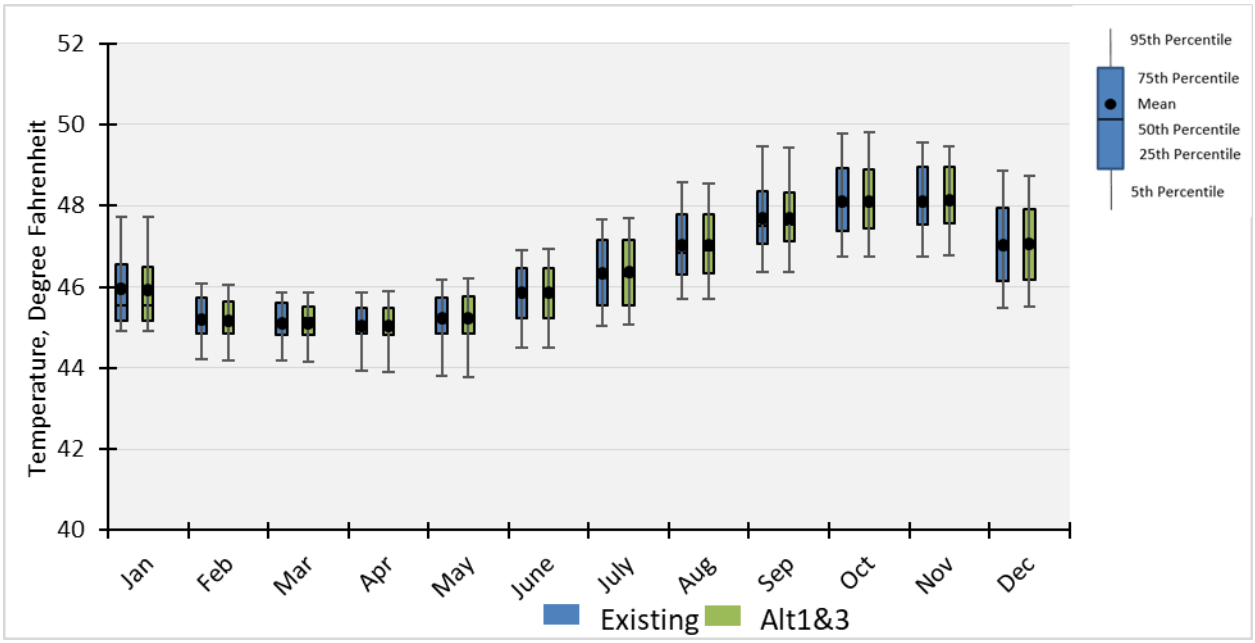


Figure 5A-D1.31.32. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



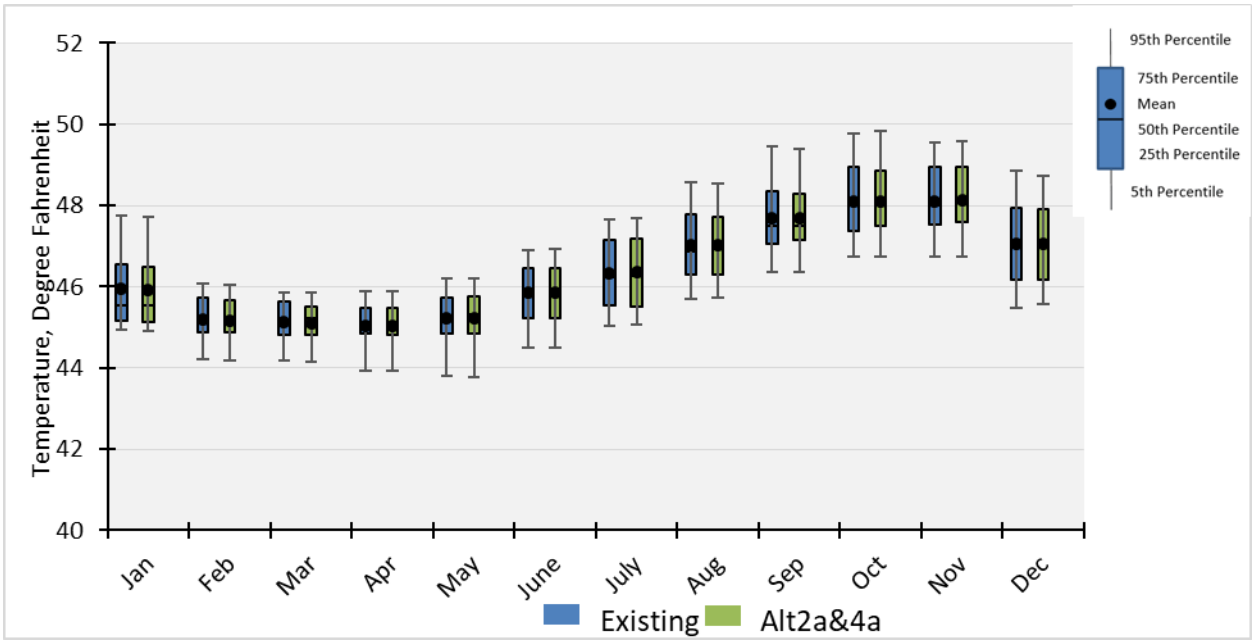


Figure 5A-D1.31.33. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Dry Water Years, Alternative 5 (2020) vs Existing Conditions

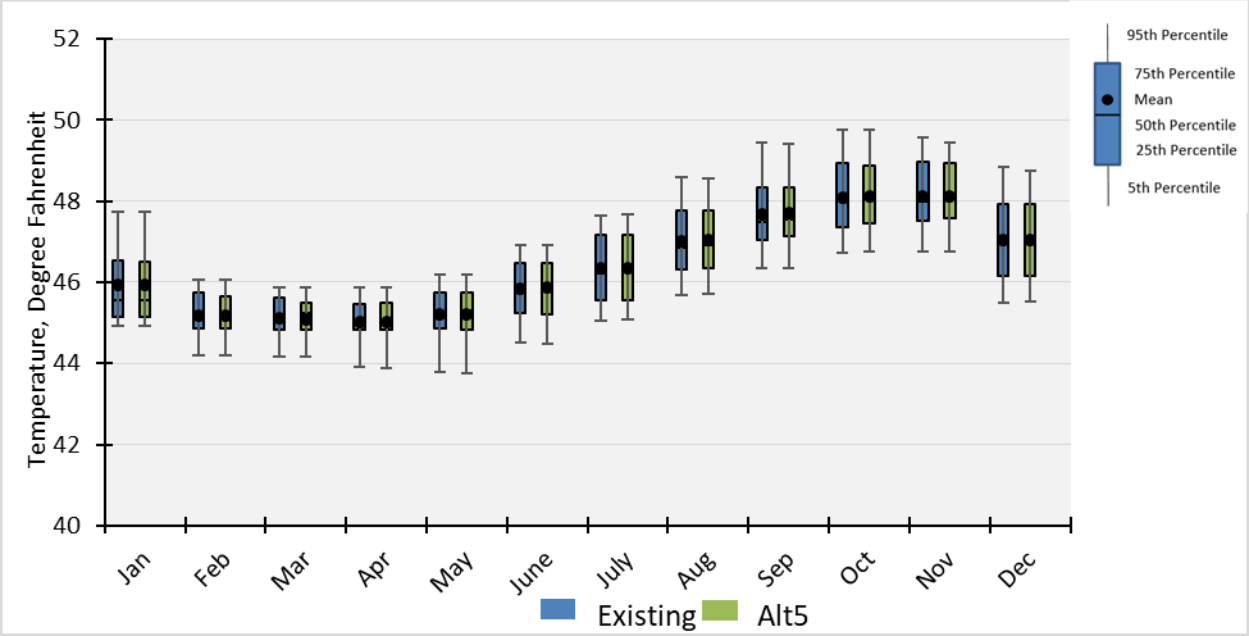
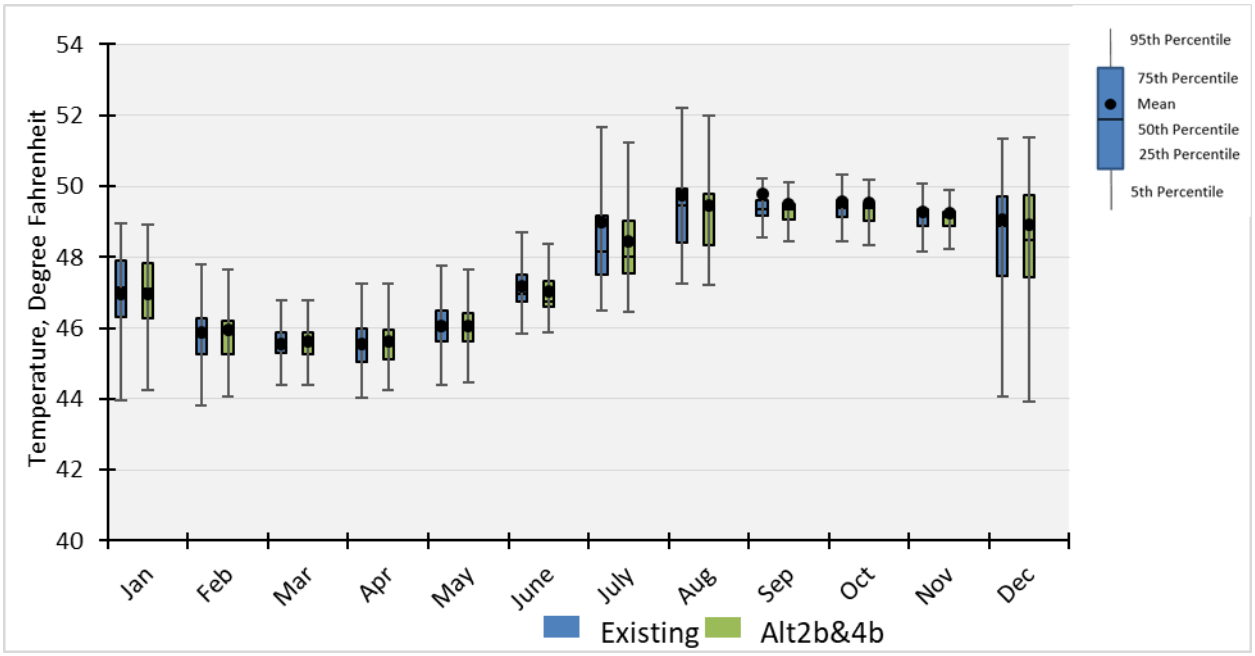


Figure 5A-D1.31.34. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 2b/4b (2020) and Alternative 2c/4c (2020) vs Existing Conditions



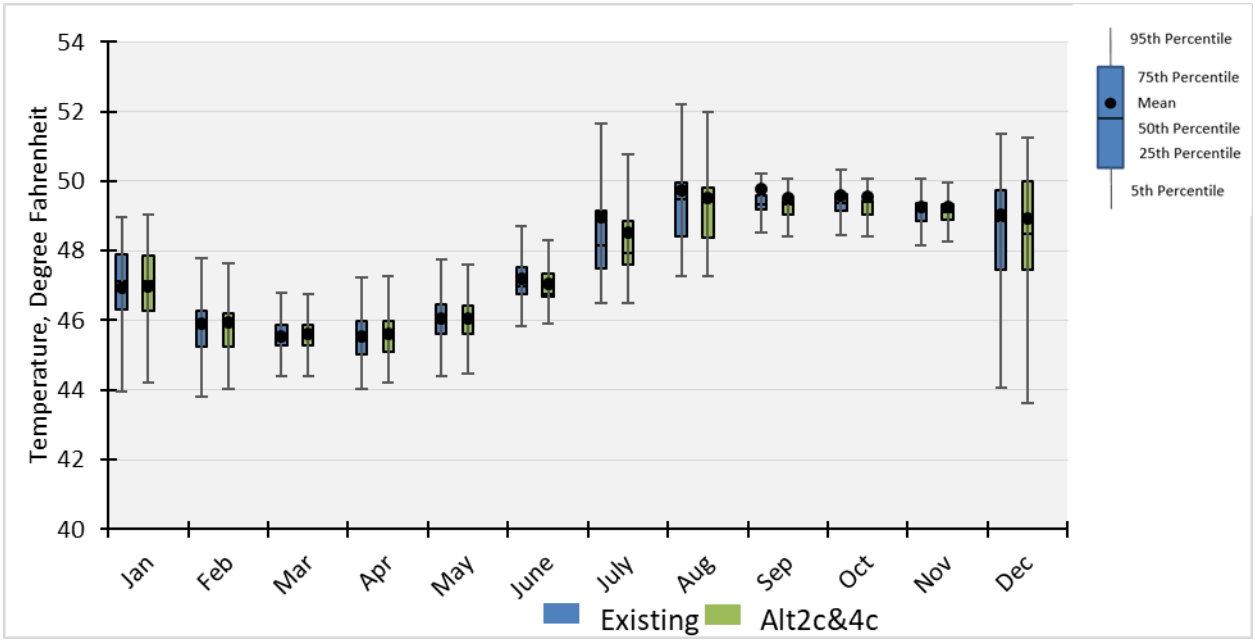
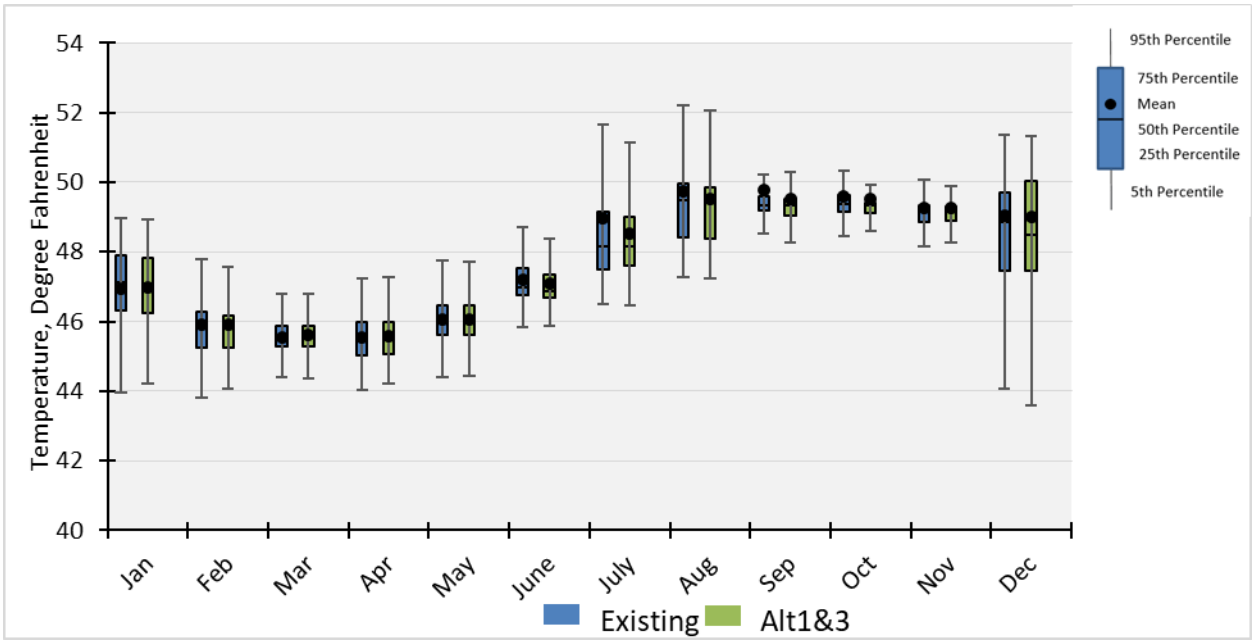


Figure 5A-D1.31.35. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 1/3 (2020) and Alternative 2a/4a (2020) vs Existing Conditions



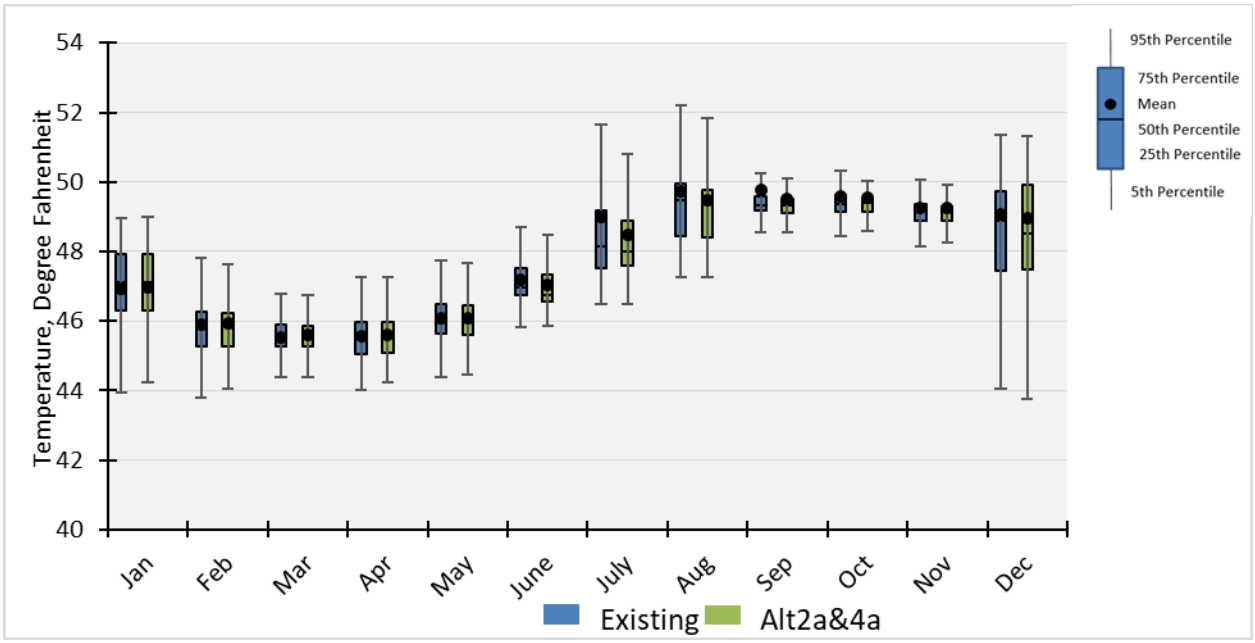


Figure 5A-D1.31.36. Trinity River Below Trinity Dam, Temperature Box and Whisker Plot (degree Fahrenheit) for Critical Water Years, Alternative 5 (2020) vs Existing Conditions

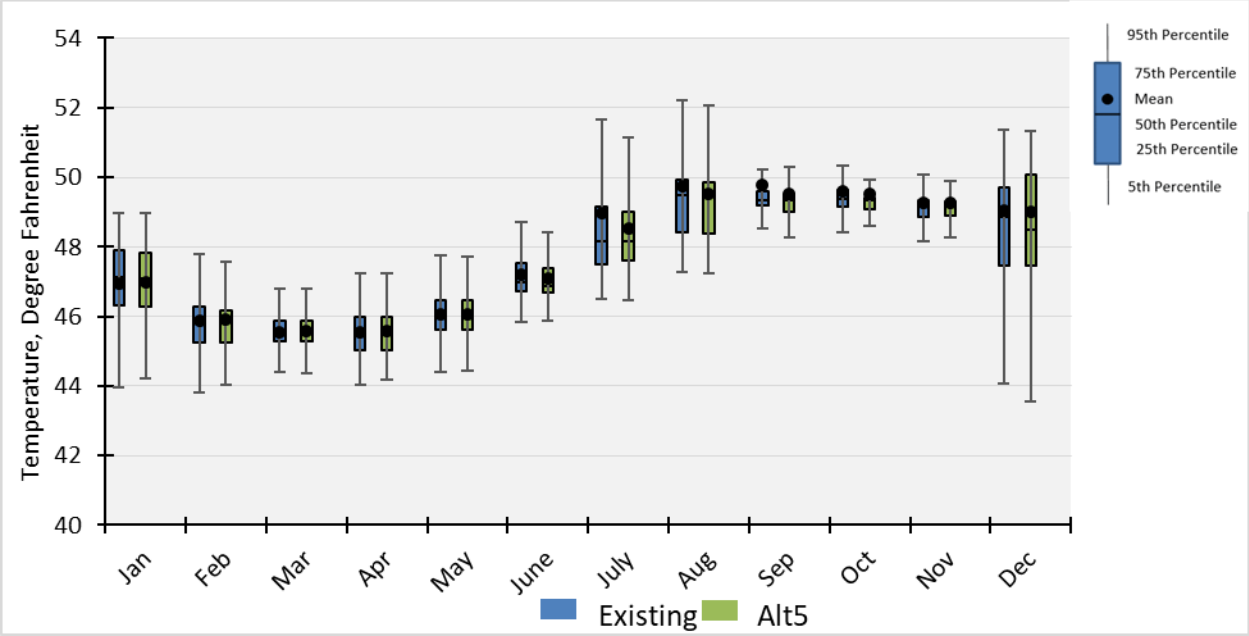
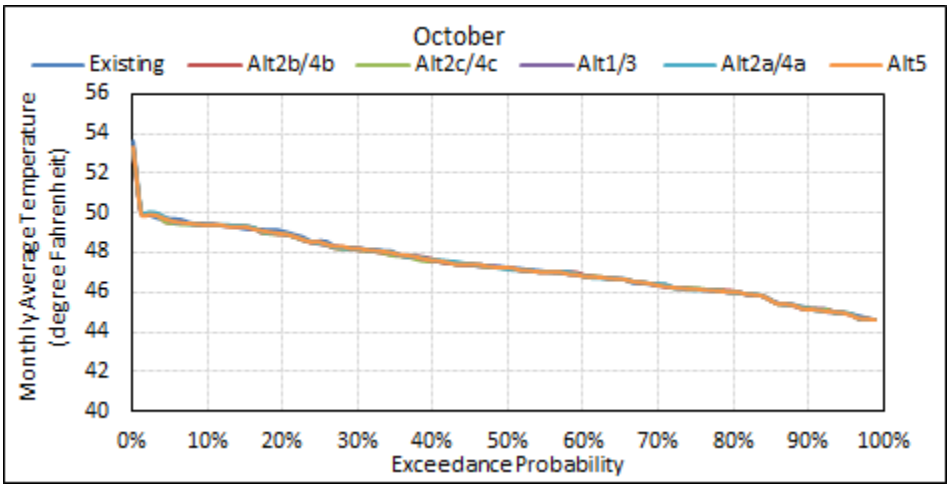
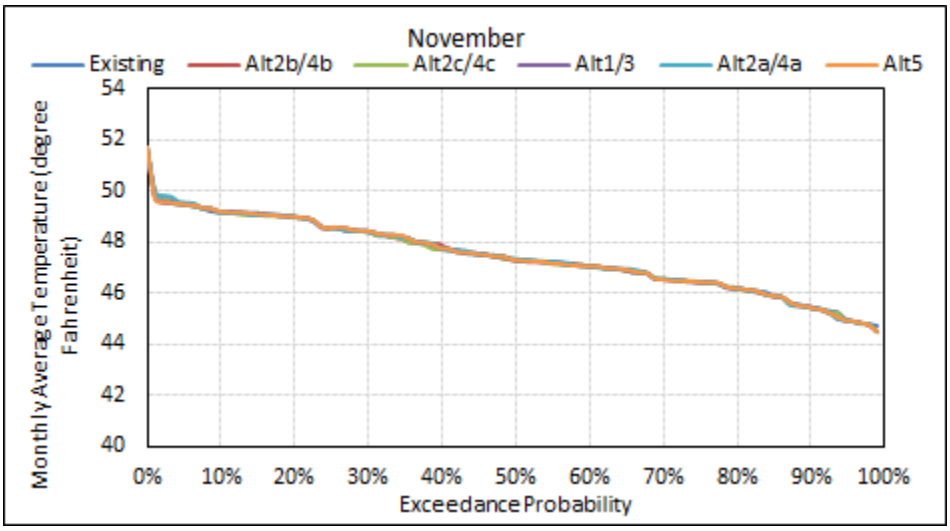


Figure 5A-D1.31.37-A. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





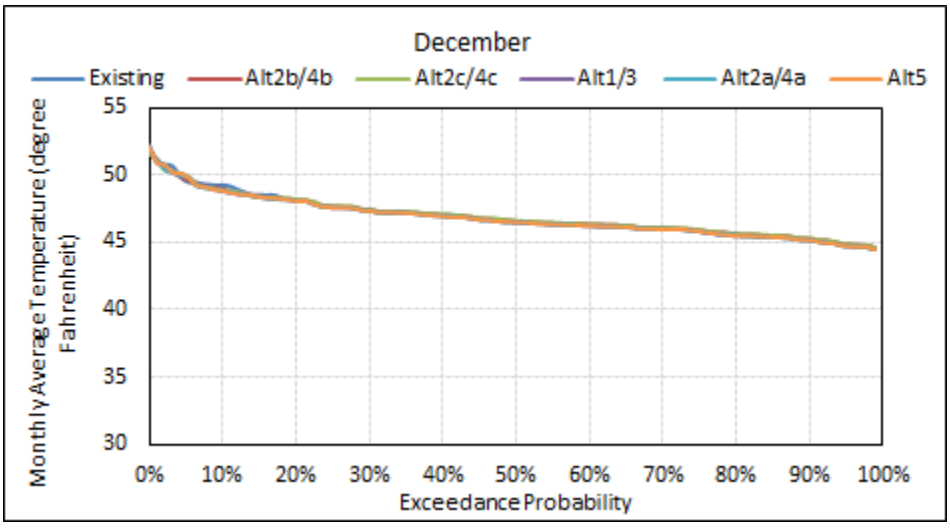
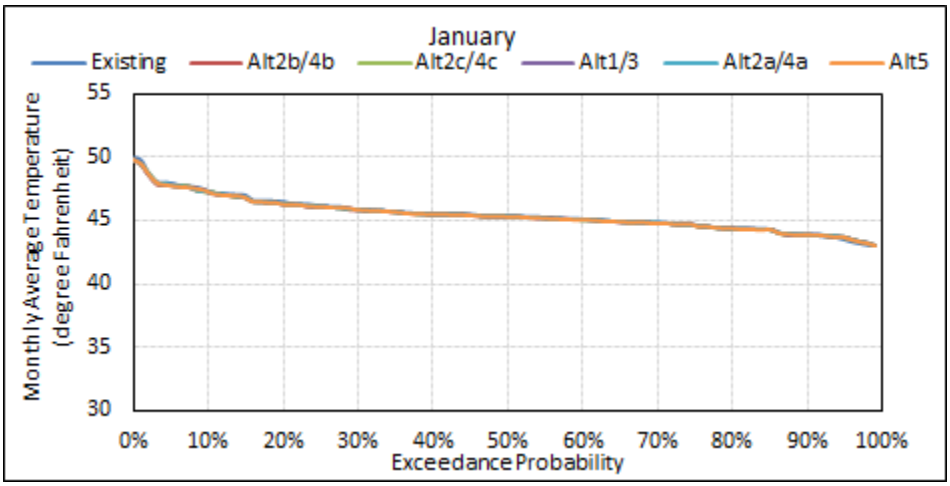
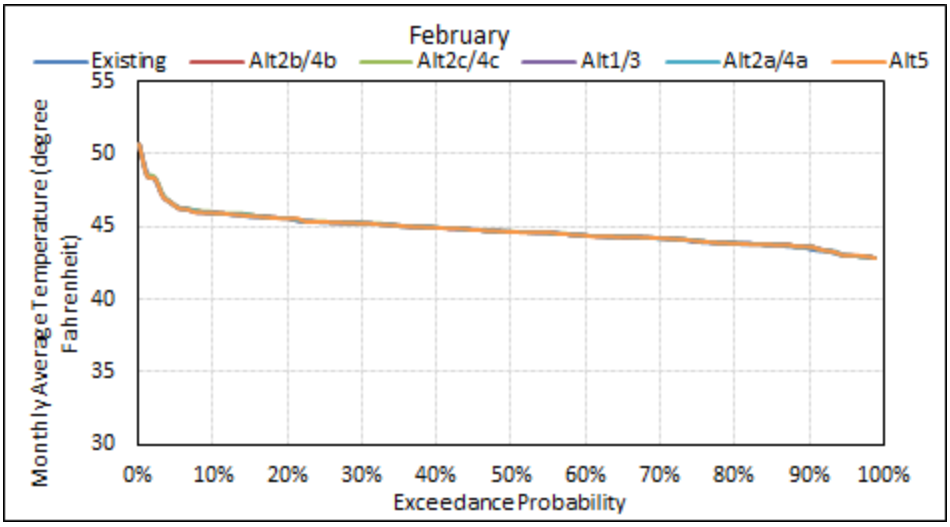


Figure 5A-D1.31.37-B. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





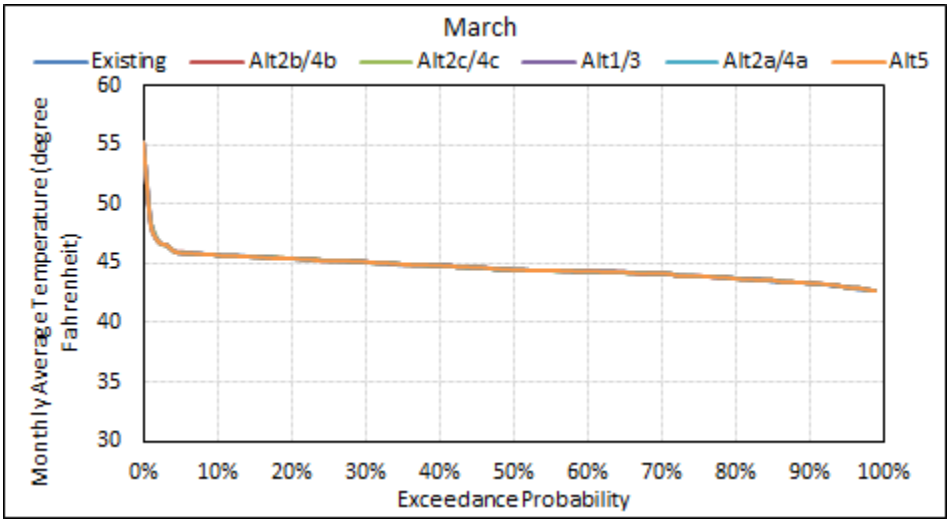
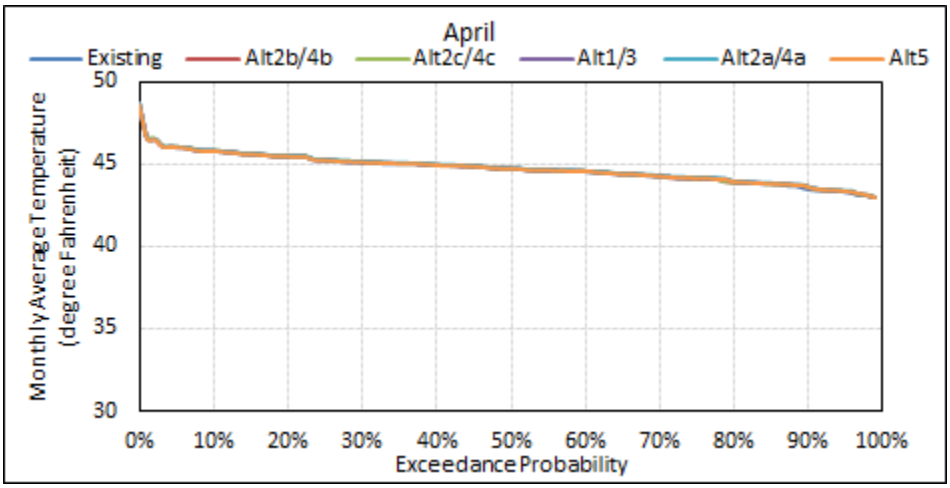
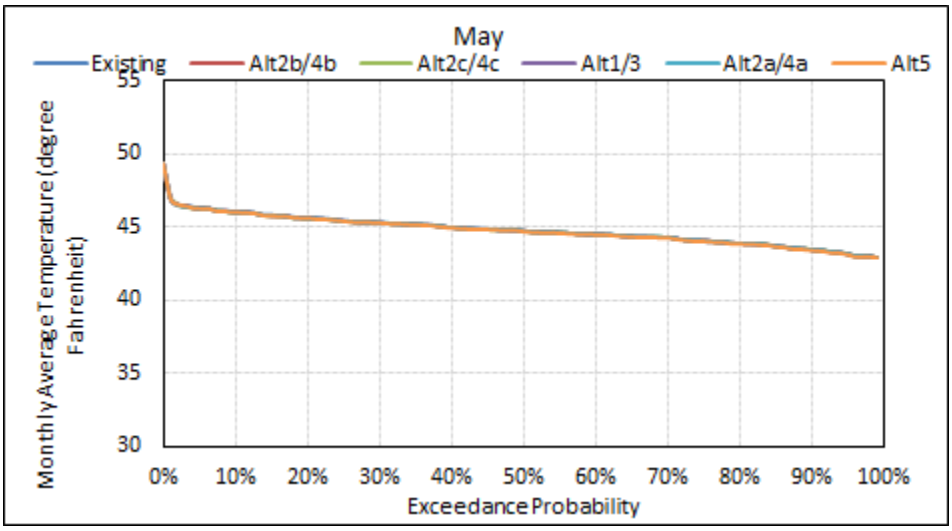


Figure 5A-D1.31.37-C. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





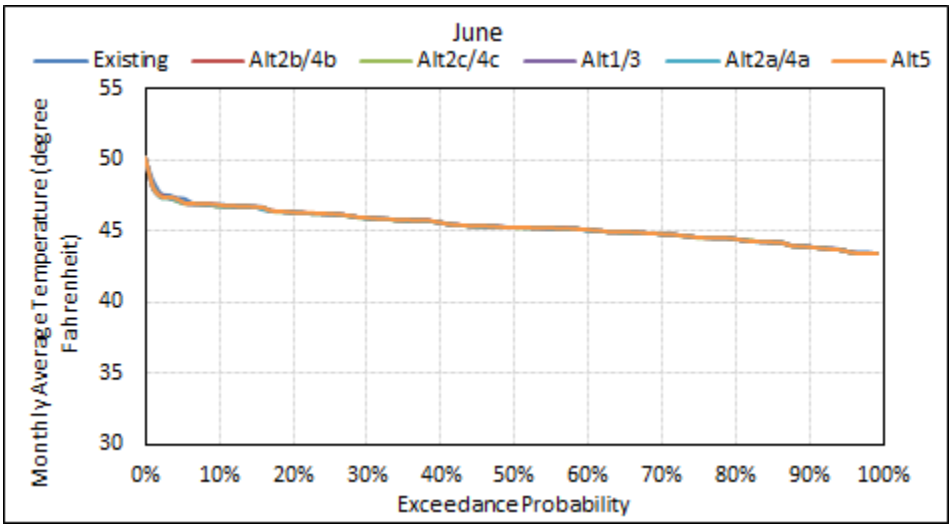
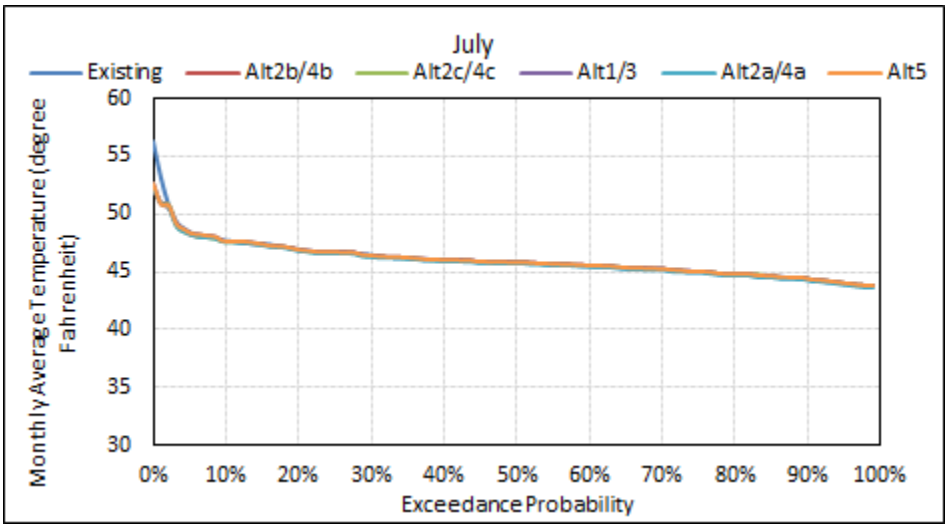
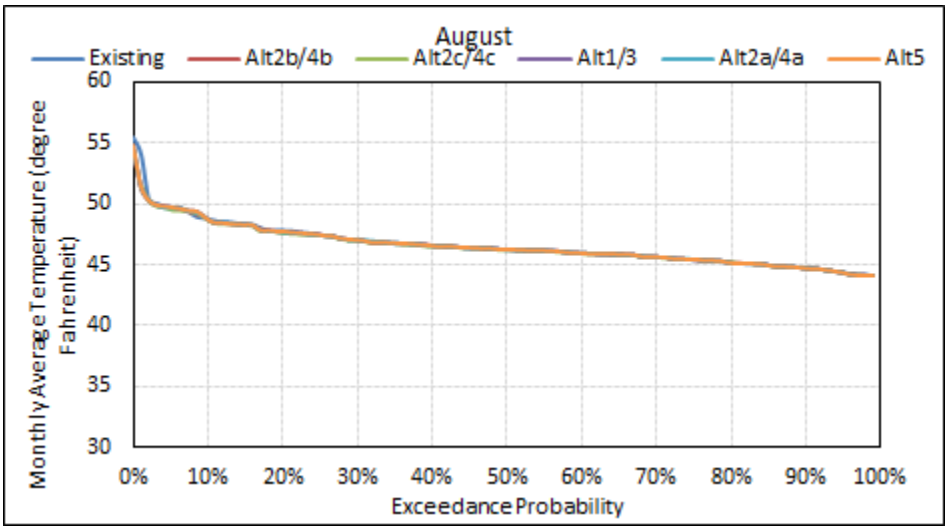


Figure 5A-D1.31.37-D. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit), Existing Condition





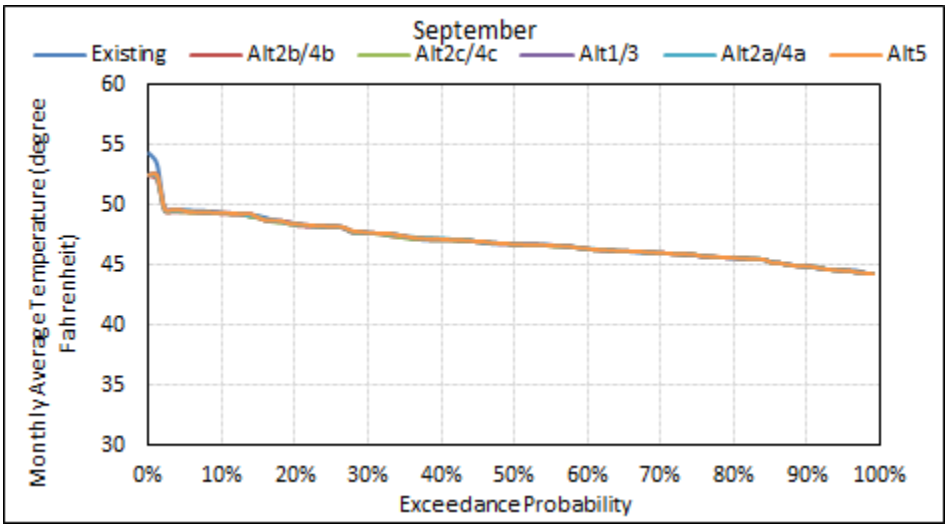


Figure 5A-D1.31.38. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for October, Existing Condition

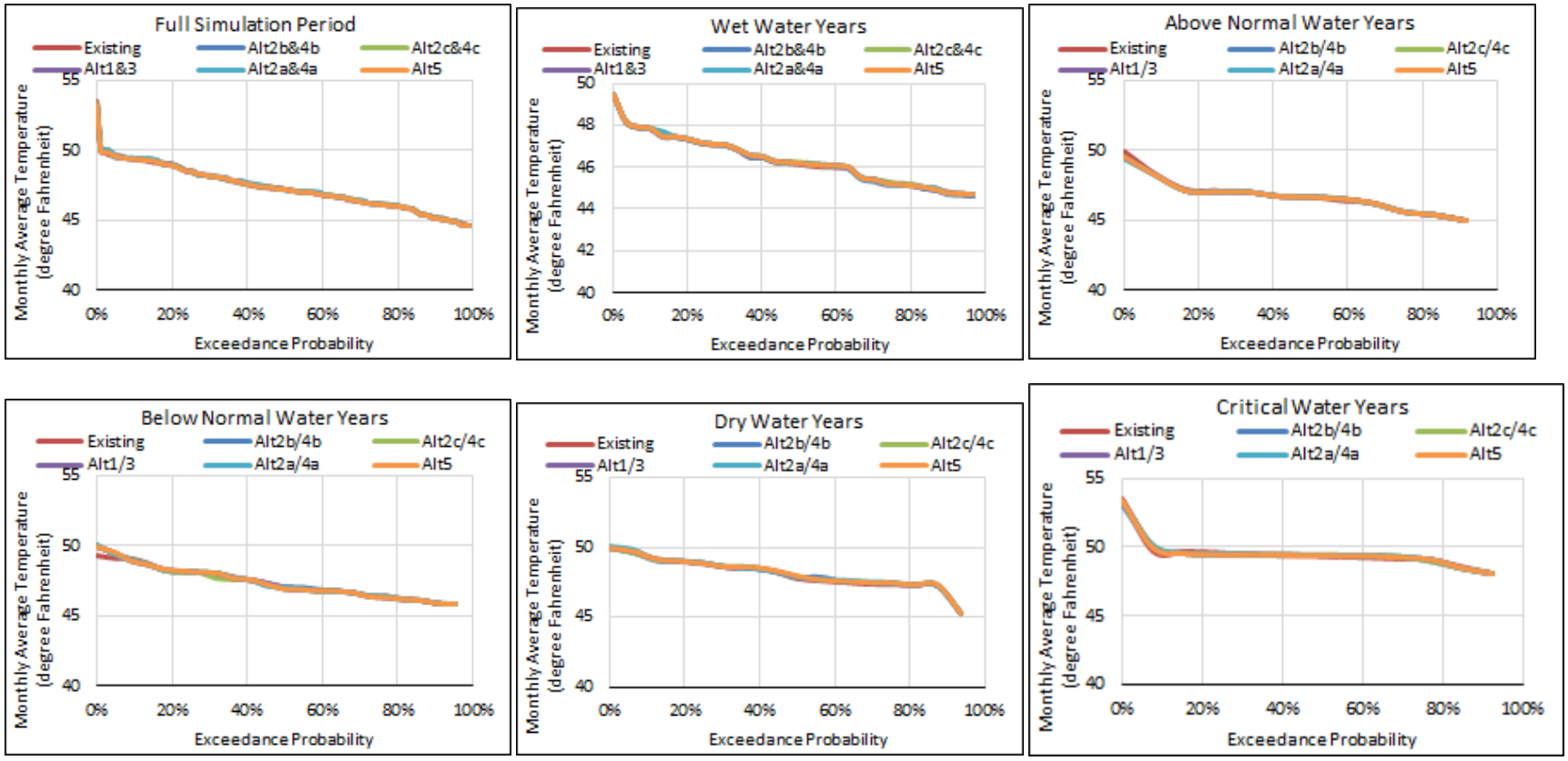


Figure 5A-D1.31.39. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for November, Existing Condition

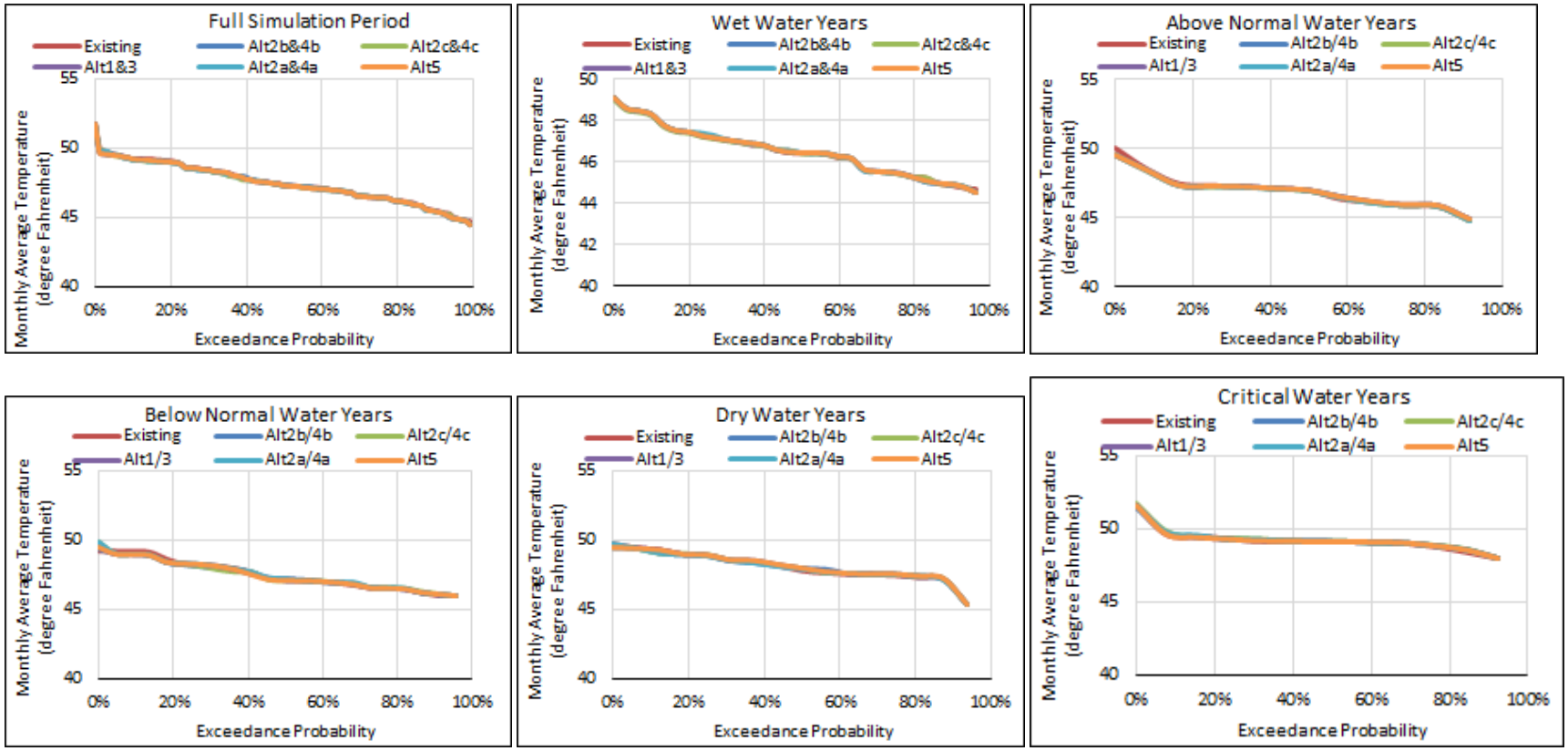


Figure 5A-D1.31.40. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for December, Existing Condition

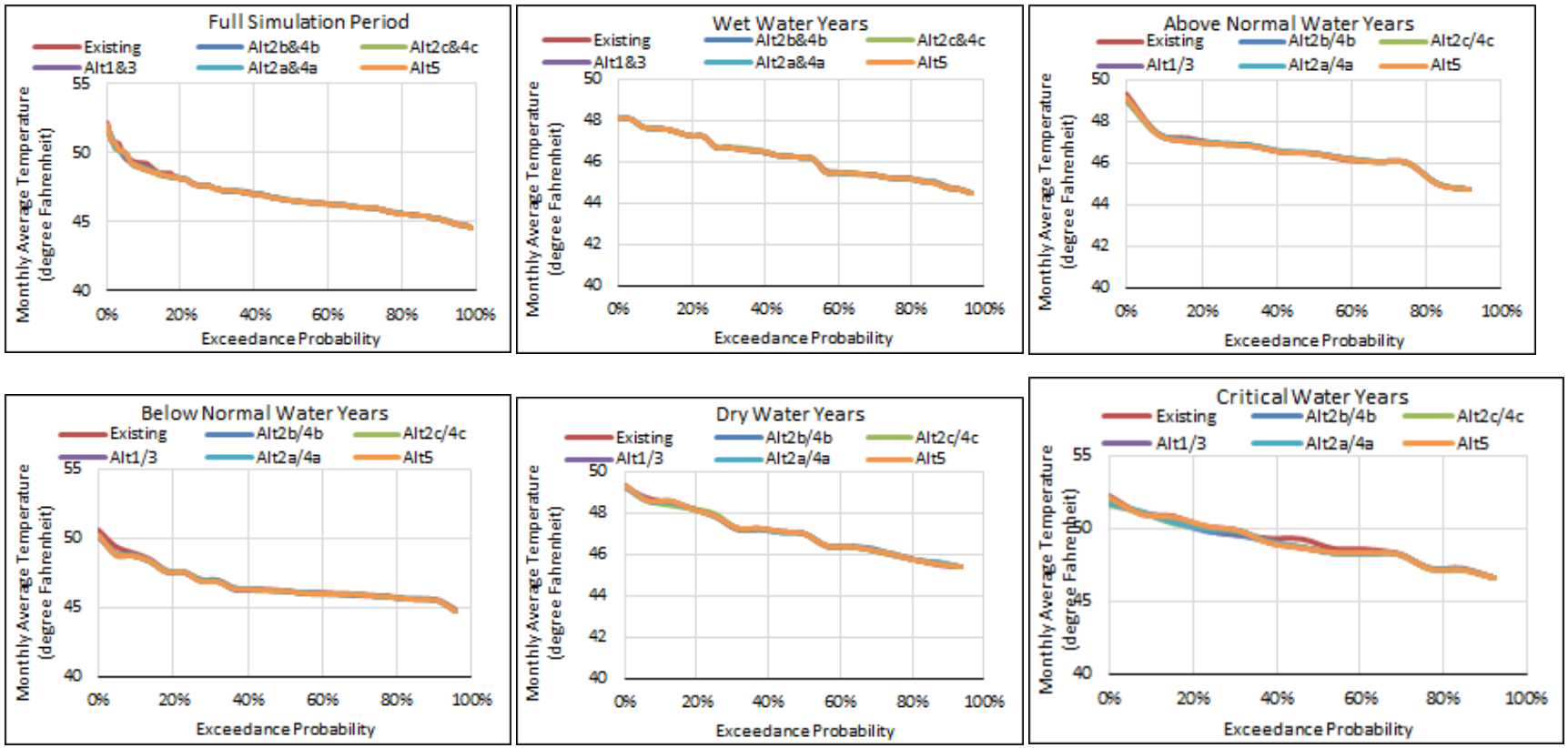


Figure 5A-D1.31.41. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for January, Existing Condition

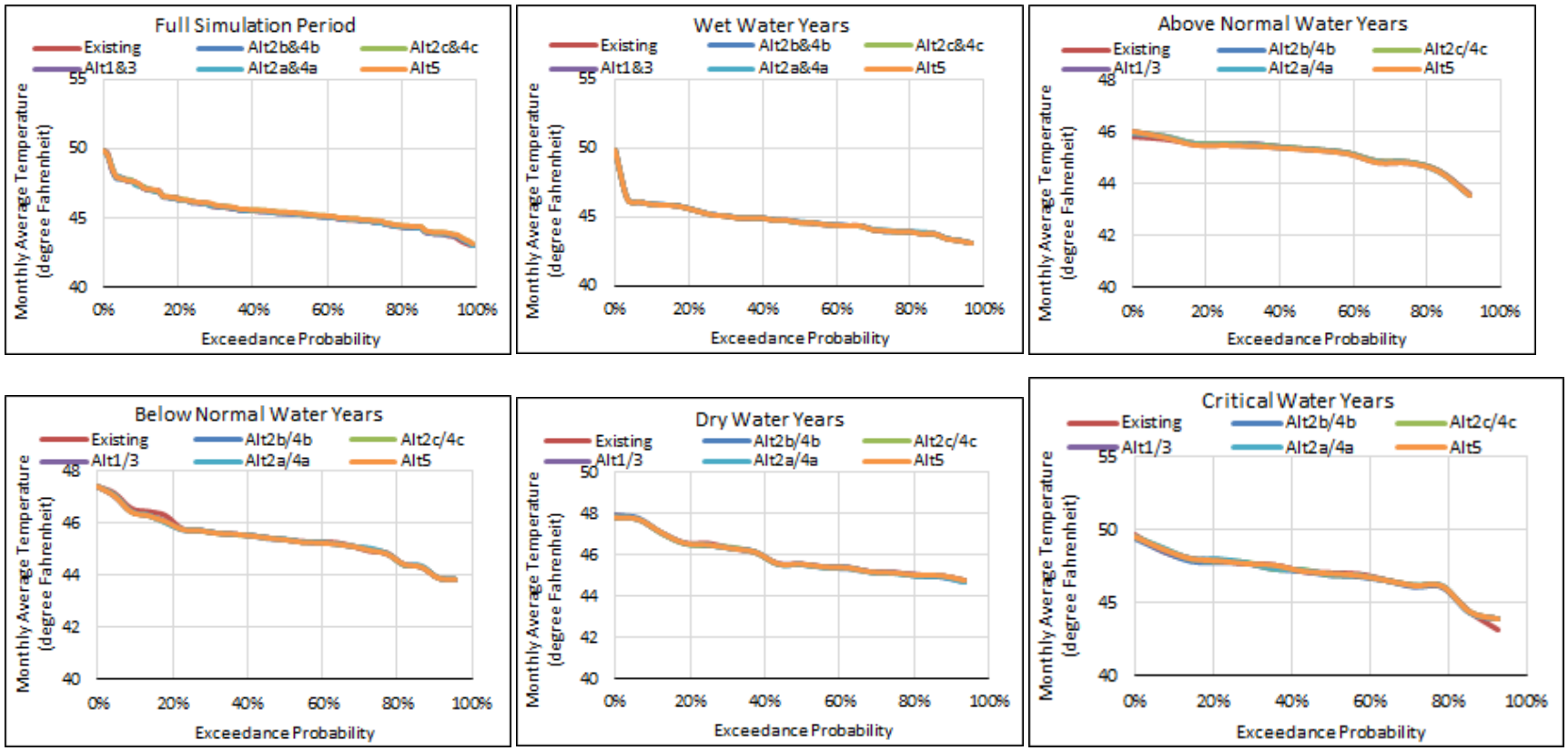


Figure 5A-D1.31.42. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for February, Existing Condition

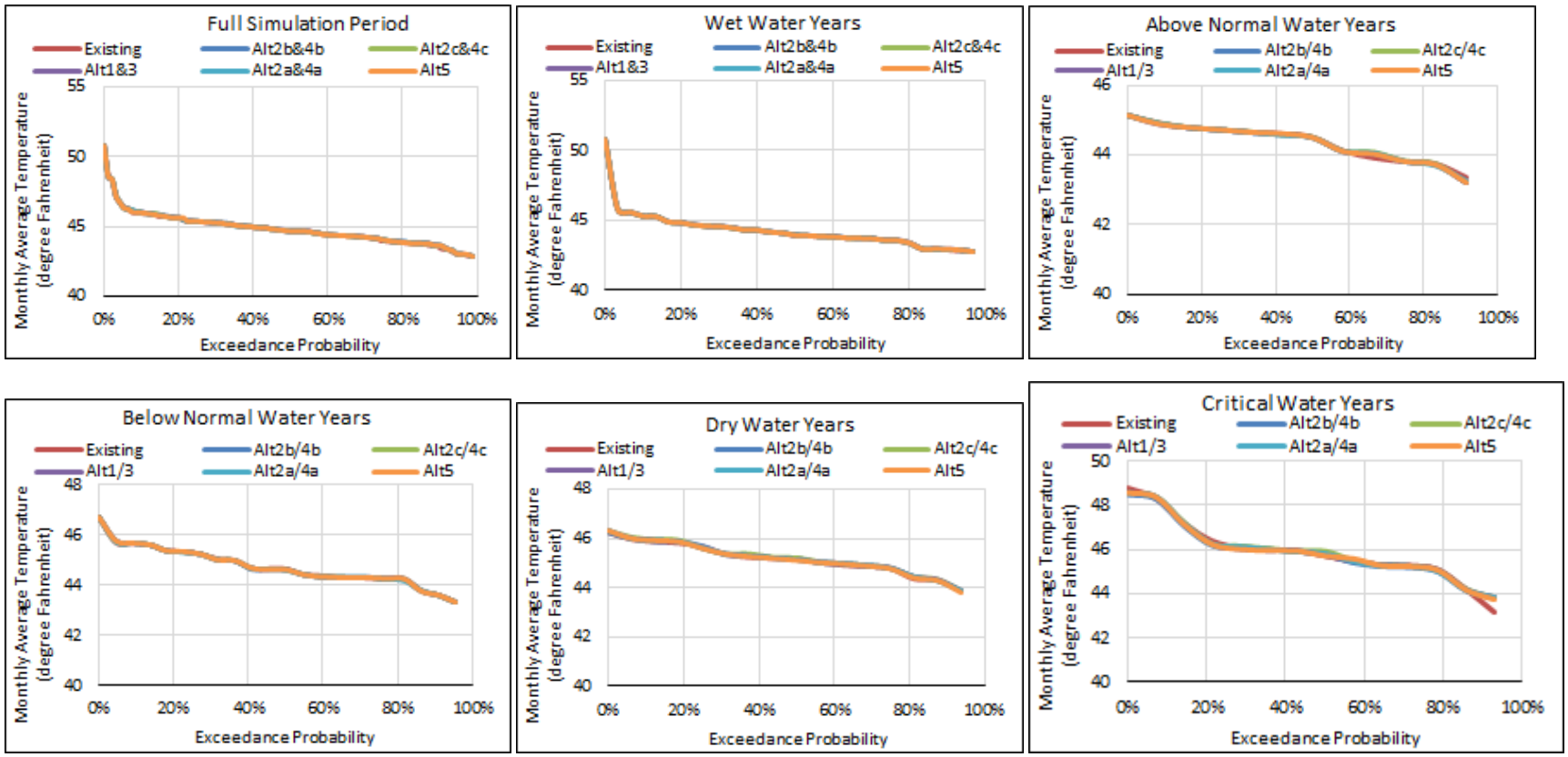


Figure 5A-D1.31.43. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for March, Existing Condition

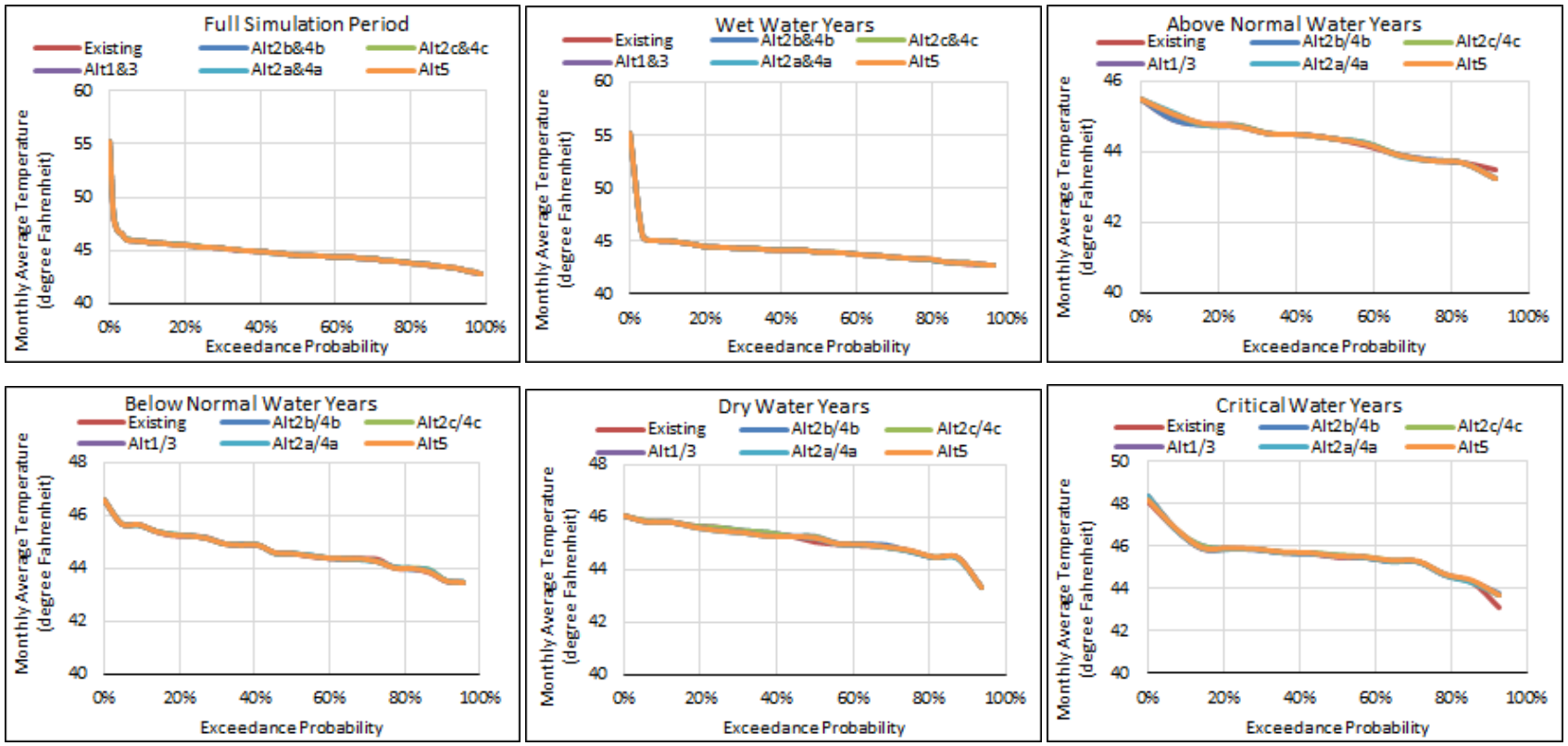


Figure 5A-D1.31.44. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for April, Existing Condition

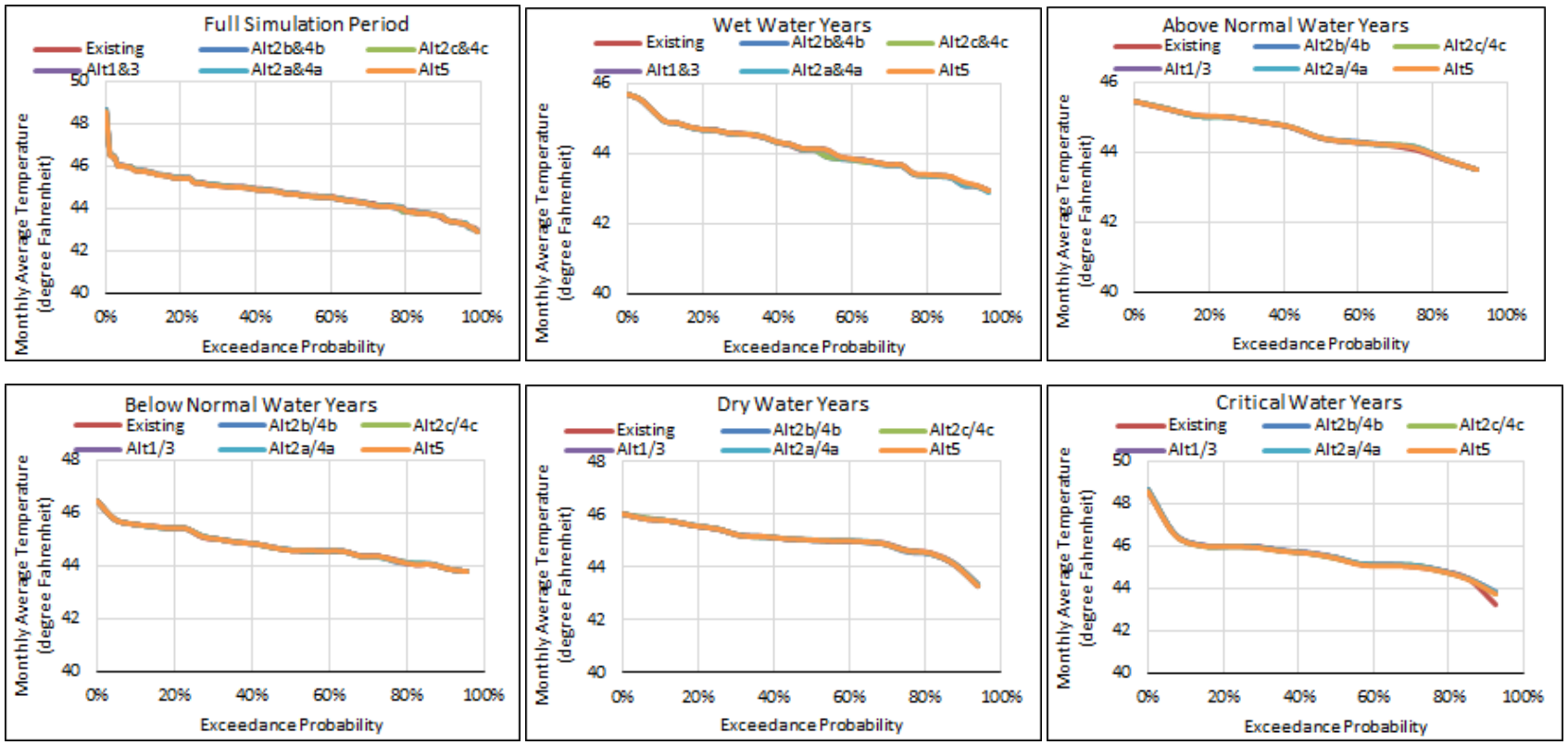


Figure 5A-D1.31.45. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for May, Existing Condition

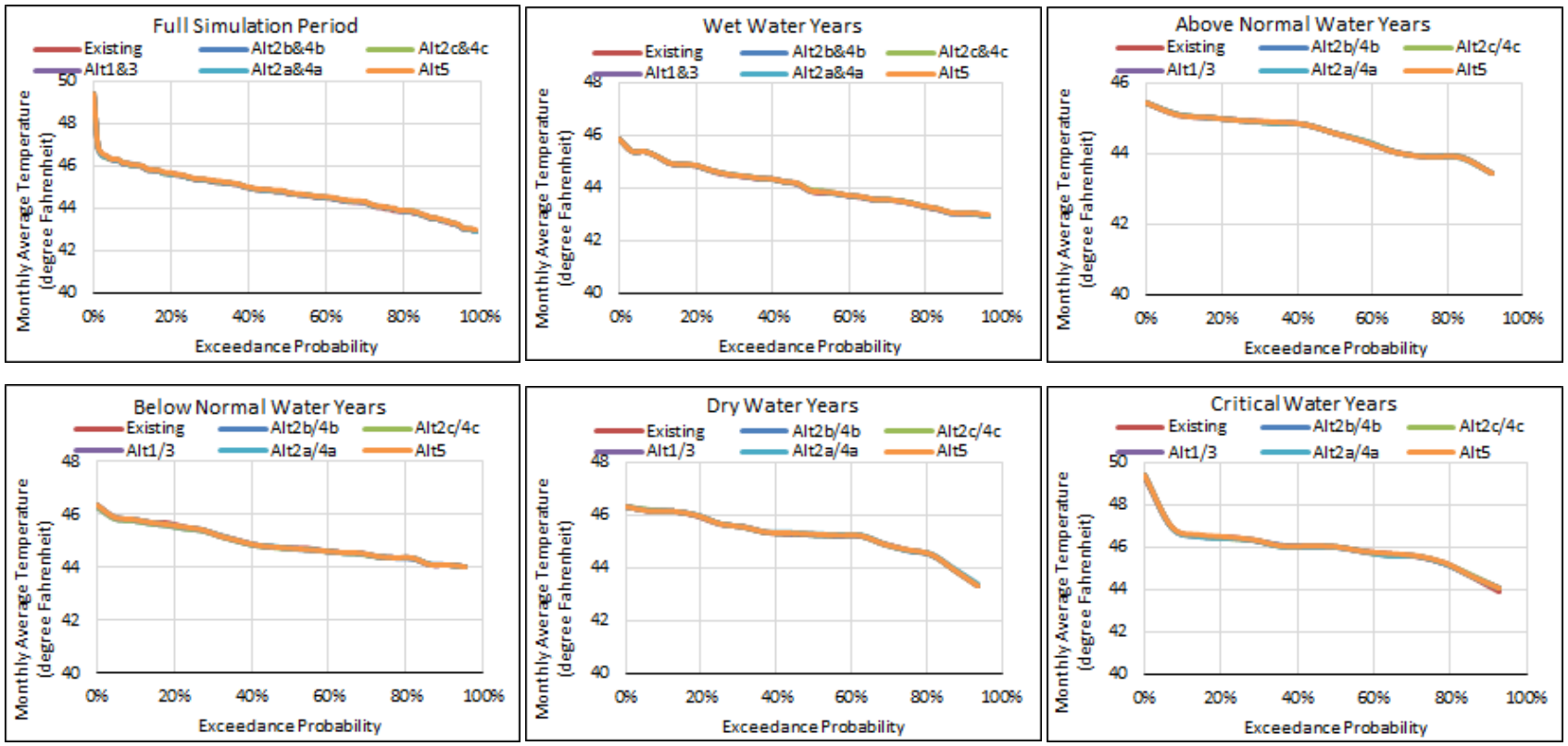


Figure 5A-D1.31.46. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for June, Existing Condition

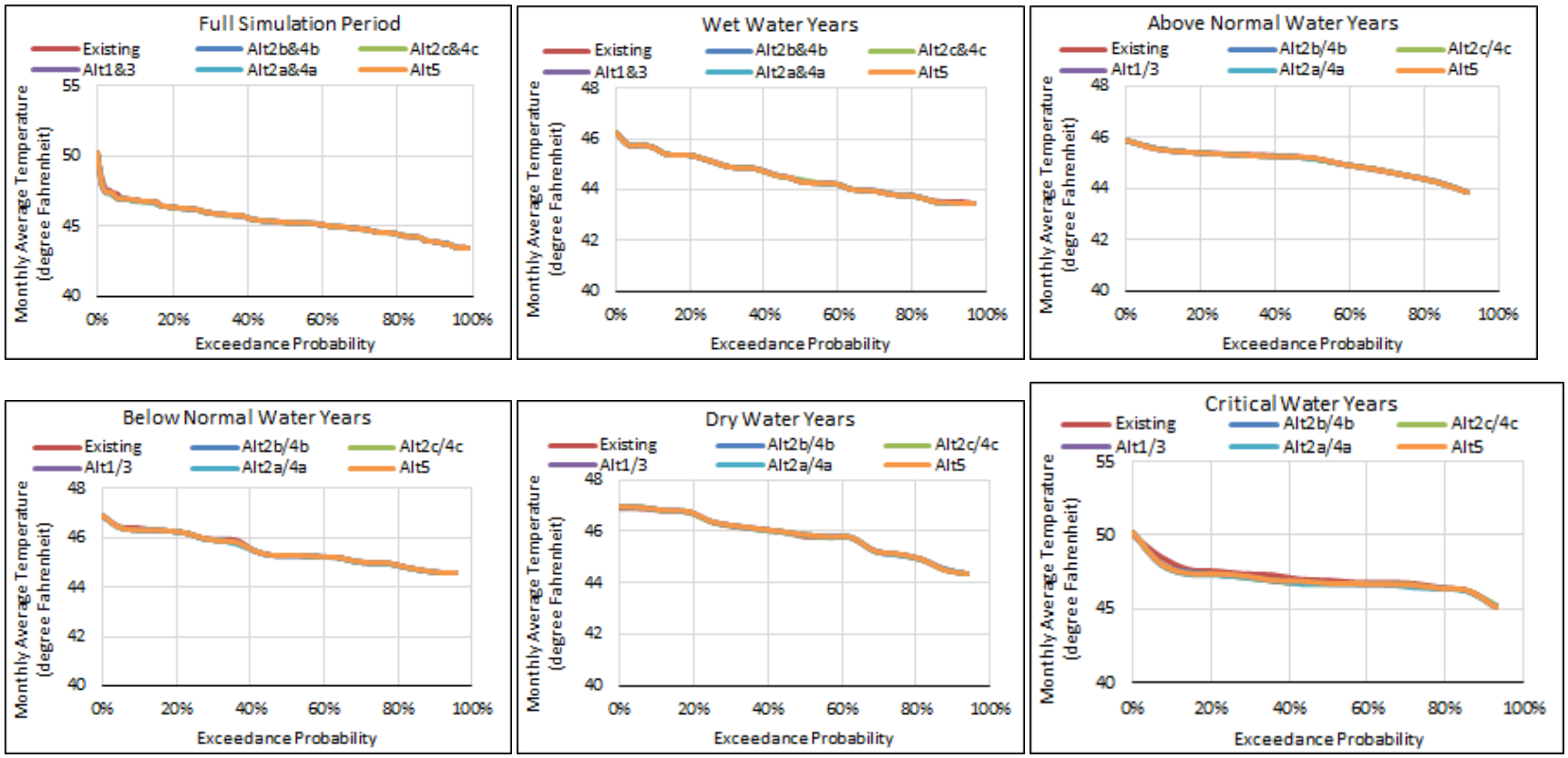


Figure 5A-D1.31.47. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for July, Existing Condition

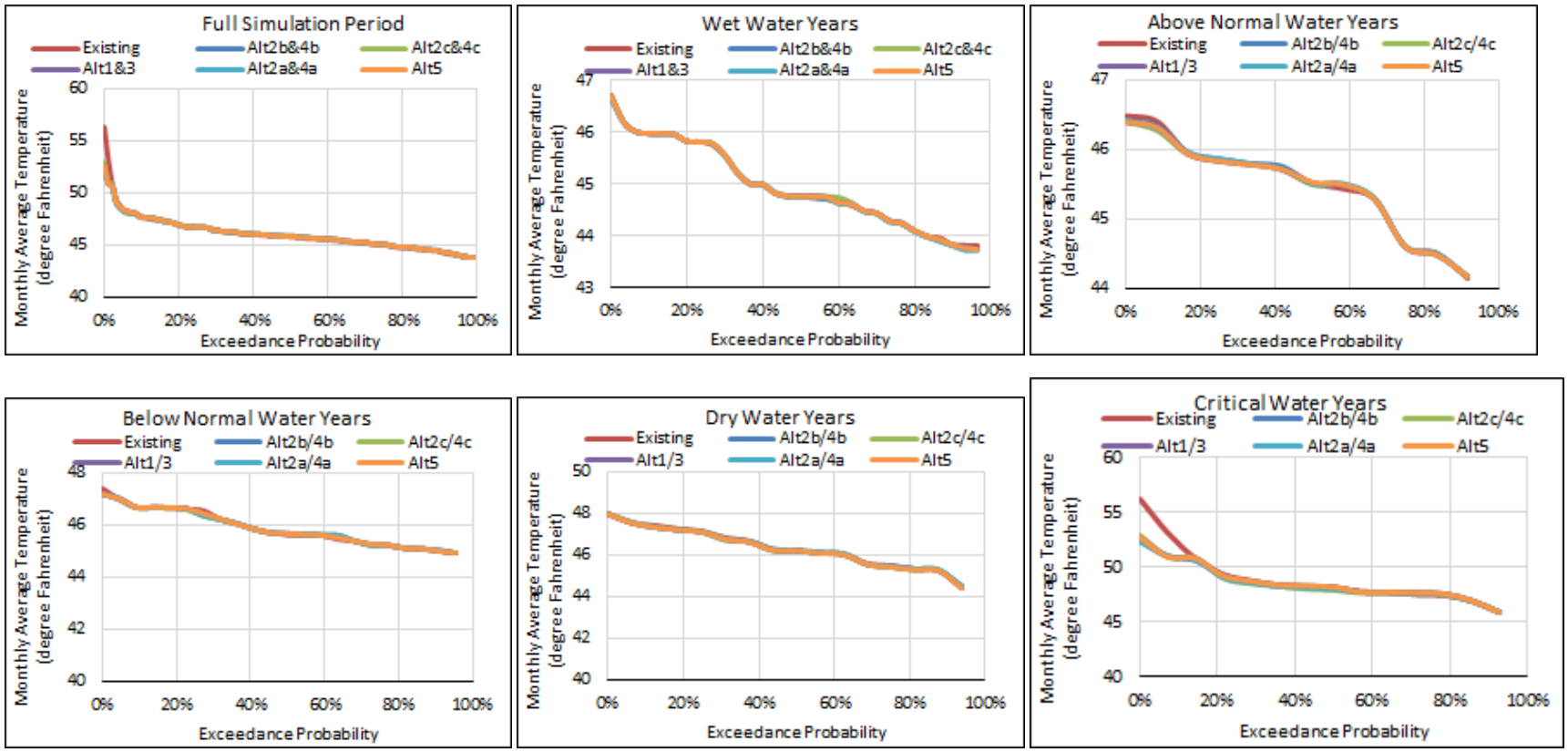


Figure 5A-D1.31.48. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for August, Existing Condition

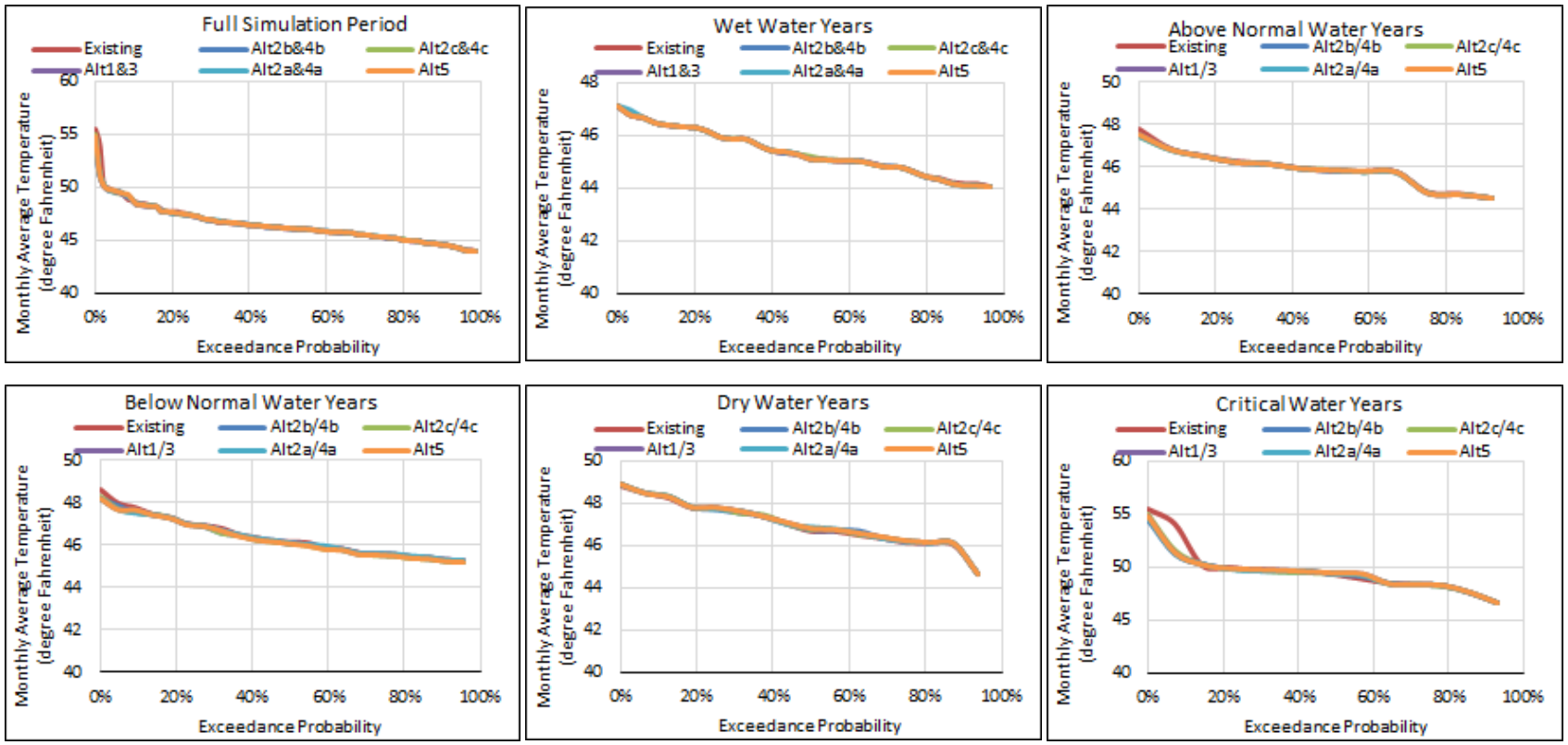
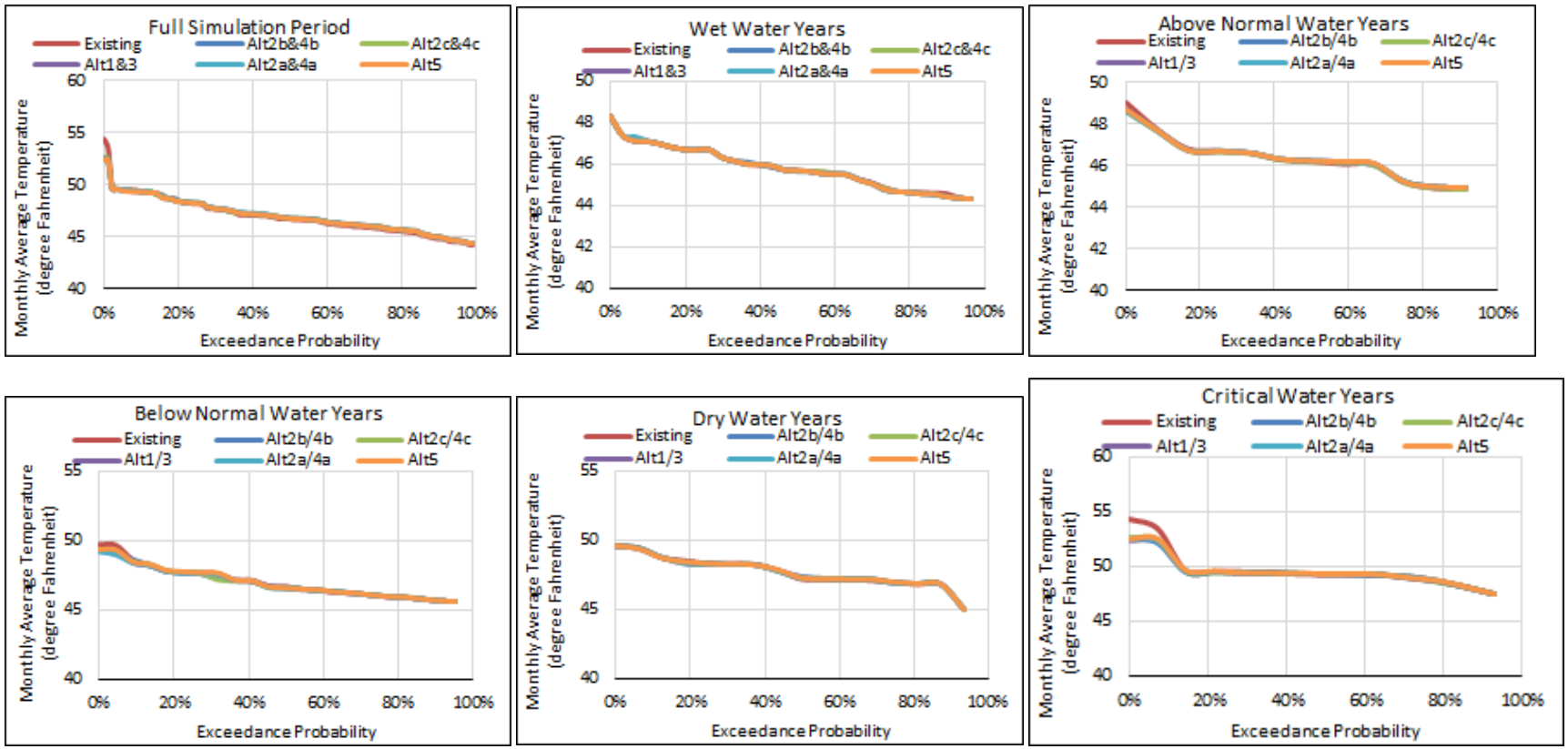


Figure 5A-D1.31.49. Trinity River Below Trinity Dam, Exceedance Probabilities for Monthly Average Temperature (degree Fahrenheit) for September, Existing Condition



D.32 Shasta Cold Water Pool Storage

Table 5A-D1.32.1-A. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,234.3	1,923.8	1,421.1	903.4	449.8	205.1	103.8
Wet Water Years	2,514.5	2,192.6	1,689.2	1,144.9	602.5	278.6	135.2
Above Normal Water Years	2,588.3	2,266.8	1,680.6	1,104.6	583.2	270.6	123.8
Below Normal Water Years	2,346.2	2,019.8	1,452.5	891.2	431.3	204.4	113.5
Dry Water Years	2,152.8	1,824.9	1,291.4	748.1	336.4	144.8	74.8
Critical Water Years	1,247.7	1,015.6	723.2	410.0	167.1	61.5	32.5

Table 5A-D1.32.1-B. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 2b/4b (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,238.7	1,927.6	1,425.4	910.7	455.6	209.0	106.9
Wet Water Years	2,514.0	2,192.3	1,689.7	1,147.6	608.6	283.1	137.3
Above Normal Water Years	2,586.4	2,264.3	1,679.3	1,110.2	592.1	276.6	128.3
Below Normal Water Years	2,357.8	2,032.1	1,462.9	908.4	443.8	213.4	121.8
Dry Water Years	2,144.7	1,817.7	1,286.2	745.1	333.5	143.7	75.1
Critical Water Years	1,271.1	1,033.3	741.3	424.7	168.5	59.8	30.5

Table 5A-D1.32.1-C. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-4.4	-3.9	-4.2	-7.3	-5.7	-3.9	-3.0
Wet Water Years	0.5	0.3	-0.5	-2.7	-6.1	-4.5	-2.2
Above Normal Water Years	1.9	2.4	1.4	-5.6	-9.0	-6.0	-4.5
Below Normal Water Years	-11.5	-12.2	-10.5	-17.2	-12.5	-9.0	-8.3
Dry Water Years	8.1	7.2	5.2	3.0	2.9	1.2	-0.4
Critical Water Years	-23.3	-17.7	-18.0	-14.6	-1.4	1.7	2.1

Table 5A-D1.32.1-D. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.2%	-0.2%	-0.3%	-0.8%	-1.3%	-1.9%	-2.9%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-1.0%	-1.6%	-1.6%
Above Normal Water Years	0.1%	0.1%	0.1%	-0.5%	-1.5%	-2.2%	-3.7%
Below Normal Water Years	-0.5%	-0.6%	-0.7%	-1.9%	-2.9%	-4.4%	-7.4%
Dry Water Years	0.4%	0.4%	0.4%	0.4%	0.8%	0.8%	-0.5%
Critical Water Years	-1.9%	-1.7%	-2.5%	-3.6%	-0.8%	2.7%	6.3%

Table 5A-D1.32.1-E. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,747.1	2,456.8	1,945.3	1,347.2	774.1	402.8	207.1
Wet Water Years	2,959.2	2,645.5	2,151.3	1,567.3	945.8	485.0	231.8
Above Normal Water Years	3,060.9	2,763.2	2,203.2	1,578.9	954.1	512.2	248.9
Below Normal Water Years	2,918.2	2,647.7	2,083.2	1,410.9	787.8	417.6	226.0
Dry Water Years	2,773.9	2,473.7	1,902.4	1,248.6	679.3	351.3	187.6
Critical Water Years	1,724.2	1,470.7	1,114.9	689.7	339.0	168.3	103.3

Table 5A-D1.32.1-F. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 2b/4b (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,753.4	2,461.8	1,950.9	1,357.2	783.2	410.0	213.1
Wet Water Years	2,959.0	2,644.6	2,151.2	1,569.7	952.4	492.4	234.9
Above Normal Water Years	3,059.9	2,762.4	2,204.0	1,589.5	973.4	528.1	259.6
Below Normal Water Years	2,926.3	2,656.7	2,090.2	1,431.0	806.9	432.5	241.6
Dry Water Years	2,764.7	2,464.8	1,895.1	1,242.9	674.1	347.6	186.7
Critical Water Years	1,765.4	1,502.9	1,149.3	717.3	345.2	168.4	103.8

Table 5A-D1.32.1-G. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-6.3	-5.0	-5.6	-9.9	-9.1	-7.2	-6.0
Wet Water Years	0.2	0.9	0.0	-2.3	-6.6	-7.3	-3.1
Above Normal Water Years	1.0	0.8	-0.8	-10.6	-19.3	-15.9	-10.7
Below Normal Water Years	-8.1	-9.0	-6.9	-20.1	-19.0	-14.8	-15.6
Dry Water Years	9.2	9.0	7.2	5.8	5.2	3.7	0.8
Critical Water Years	-41.2	-32.2	-34.4	-27.6	-6.2	-0.1	-0.5

Table 5A-D1.32.1-H. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.2%	-0.2%	-0.3%	-0.7%	-1.2%	-1.8%	-2.9%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.7%	-1.5%	-1.4%
Above Normal Water Years	0.0%	0.0%	0.0%	-0.7%	-2.0%	-3.1%	-4.3%
Below Normal Water Years	-0.3%	-0.3%	-0.3%	-1.4%	-2.4%	-3.6%	-6.9%
Dry Water Years	0.3%	0.4%	0.4%	0.5%	0.8%	1.0%	0.4%
Critical Water Years	-2.4%	-2.2%	-3.1%	-4.0%	-1.8%	-0.1%	-0.5%

Table 5A-D1.32.1-I. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,025.5	2,718.4	2,210.3	1,597.4	1,011.6	607.0	343.9
Wet Water Years	3,282.6	2,936.1	2,440.7	1,835.8	1,200.4	702.0	360.9
Above Normal Water Years	3,344.5	3,034.1	2,485.8	1,848.6	1,217.0	741.3	398.6
Below Normal Water Years	3,202.3	2,918.6	2,368.4	1,689.0	1,056.7	648.4	387.8
Dry Water Years	3,030.6	2,733.9	2,166.5	1,506.6	934.7	579.3	352.7
Critical Water Years	1,917.3	1,649.1	1,282.3	830.8	447.8	254.7	169.5

Table 5A-D1.32.1-J. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 2b/4b (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,032.3	2,723.8	2,216.4	1,608.2	1,021.7	616.5	353.8
Wet Water Years	3,281.5	2,935.0	2,440.4	1,838.1	1,207.2	710.3	365.3
Above Normal Water Years	3,344.8	3,034.0	2,487.4	1,860.5	1,239.0	764.6	418.3
Below Normal Water Years	3,209.8	2,926.8	2,374.3	1,709.0	1,076.7	667.9	411.4
Dry Water Years	3,020.8	2,724.4	2,158.5	1,499.9	928.0	574.0	350.5
Critical Water Years	1,964.5	1,686.0	1,322.4	864.5	458.5	256.4	174.3

Table 5A-D1.32.1-K. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-6.8	-5.4	-6.1	-10.8	-10.1	-9.5	-9.9
Wet Water Years	1.0	1.1	0.3	-2.3	-6.7	-8.3	-4.5
Above Normal Water Years	-0.4	0.1	-1.6	-11.9	-22.0	-23.4	-19.7
Below Normal Water Years	-7.5	-8.2	-5.9	-20.0	-20.0	-19.5	-23.6
Dry Water Years	9.9	9.6	8.0	6.7	6.7	5.3	2.1
Critical Water Years	-47.2	-36.8	-40.0	-33.7	-10.7	-1.7	-4.8

Table 5A-D1.32.1-L. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.2%	-0.2%	-0.3%	-0.7%	-1.0%	-1.6%	-2.9%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.6%	-1.2%	-1.2%
Above Normal Water Years	0.0%	0.0%	-0.1%	-0.6%	-1.8%	-3.2%	-4.9%
Below Normal Water Years	-0.2%	-0.3%	-0.2%	-1.2%	-1.9%	-3.0%	-6.1%
Dry Water Years	0.3%	0.3%	0.4%	0.4%	0.7%	0.9%	0.6%
Critical Water Years	-2.5%	-2.2%	-3.1%	-4.1%	-2.4%	-0.7%	-2.8%

Table 5A-D1.32.1-M. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,265.5	2,911.3	2,407.5	1,786.1	1,194.8	785.2	498.2
Wet Water Years	3,557.3	3,169.0	2,676.0	2,059.1	1,415.1	906.4	523.3
Above Normal Water Years	3,629.4	3,233.7	2,699.8	2,057.1	1,422.0	946.7	575.4
Below Normal Water Years	3,440.5	3,110.3	2,568.5	1,883.7	1,250.6	842.7	565.6
Dry Water Years	3,241.7	2,907.8	2,346.5	1,681.8	1,113.3	760.6	521.2
Critical Water Years	2,080.7	1,774.4	1,398.2	934.4	533.3	324.4	226.6

Table 5A-D1.32.1-N. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 2b/4b (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,273.1	2,917.0	2,413.9	1,797.4	1,205.4	795.0	509.8
Wet Water Years	3,555.3	3,167.5	2,675.5	2,061.4	1,421.7	914.7	528.4
Above Normal Water Years	3,632.1	3,234.0	2,701.8	2,069.7	1,444.8	971.4	600.7
Below Normal Water Years	3,450.8	3,117.8	2,573.8	1,903.3	1,270.3	862.9	592.9
Dry Water Years	3,230.0	2,898.3	2,338.2	1,674.7	1,106.2	754.4	518.4
Critical Water Years	2,130.6	1,814.3	1,441.4	971.9	548.5	327.1	231.9

Table 5A-D1.32.1-O. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-7.5	-5.7	-6.4	-11.3	-10.7	-9.9	-11.6
Wet Water Years	2.1	1.4	0.4	-2.3	-6.6	-8.3	-5.1
Above Normal Water Years	-2.7	-0.3	-2.0	-12.6	-22.8	-24.7	-25.2
Below Normal Water Years	-10.2	-7.5	-5.3	-19.6	-19.7	-20.2	-27.3
Dry Water Years	11.7	9.5	8.2	7.1	7.1	6.2	2.8
Critical Water Years	-49.9	-39.9	-43.2	-37.5	-15.2	-2.7	-5.2

Table 5A-D1.32.1-P. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.2%	-0.2%	-0.3%	-0.6%	-0.9%	-1.3%	-2.3%
Wet Water Years	0.1%	0.0%	0.0%	-0.1%	-0.5%	-0.9%	-1.0%
Above Normal Water Years	-0.1%	0.0%	-0.1%	-0.6%	-1.6%	-2.6%	-4.4%
Below Normal Water Years	-0.3%	-0.2%	-0.2%	-1.0%	-1.6%	-2.4%	-4.8%
Dry Water Years	0.4%	0.3%	0.4%	0.4%	0.6%	0.8%	0.5%
Critical Water Years	-2.4%	-2.3%	-3.1%	-4.0%	-2.8%	-0.8%	-2.3%

Table 5A-D1.32.1-Q. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,478.2	3,078.9	2,580.3	1,954.3	1,357.8	945.6	661.2
Wet Water Years	3,772.4	3,376.6	2,889.4	2,267.3	1,615.5	1,101.4	710.3
Above Normal Water Years	3,886.3	3,412.0	2,889.1	2,246.2	1,607.3	1,133.2	767.1
Below Normal Water Years	3,670.5	3,271.9	2,737.2	2,049.3	1,414.3	1,008.2	743.6
Dry Water Years	3,436.9	3,053.2	2,498.0	1,829.8	1,262.6	913.6	685.4
Critical Water Years	2,243.2	1,881.8	1,500.7	1,026.0	612.0	388.9	281.0

Table 5A-D1.32.1-R. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 2b/4b (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,486.3	3,084.7	2,586.9	1,966.0	1,369.1	955.5	673.6
Wet Water Years	3,771.2	3,375.0	2,888.9	2,269.6	1,621.9	1,109.5	715.7
Above Normal Water Years	3,888.8	3,412.5	2,891.3	2,259.5	1,630.5	1,158.4	794.6
Below Normal Water Years	3,677.9	3,278.4	2,742.1	2,068.8	1,433.7	1,028.3	773.0
Dry Water Years	3,426.9	3,043.6	2,489.6	1,822.4	1,255.2	907.0	682.3
Critical Water Years	2,297.8	1,924.2	1,546.3	1,066.6	631.7	392.8	286.2

Table 5A-D1.32.1-S. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-8.1	-5.8	-6.7	-11.8	-11.2	-10.0	-12.4
Wet Water Years	1.3	1.6	0.5	-2.3	-6.5	-8.1	-5.4
Above Normal Water Years	-2.5	-0.4	-2.2	-13.2	-23.2	-25.2	-27.5
Below Normal Water Years	-7.4	-6.6	-4.9	-19.5	-19.3	-20.0	-29.4
Dry Water Years	10.0	9.6	8.4	7.4	7.3	6.6	3.1
Critical Water Years	-54.6	-42.4	-45.6	-40.6	-19.7	-3.9	-5.2

Table 5A-D1.32.1-T. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.2%	-0.2%	-0.3%	-0.6%	-0.8%	-1.1%	-1.9%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.7%	-0.8%
Above Normal Water Years	-0.1%	0.0%	-0.1%	-0.6%	-1.4%	-2.2%	-3.6%
Below Normal Water Years	-0.2%	-0.2%	-0.2%	-1.0%	-1.4%	-2.0%	-4.0%
Dry Water Years	0.3%	0.3%	0.3%	0.4%	0.6%	0.7%	0.5%
Critical Water Years	-2.4%	-2.3%	-3.0%	-4.0%	-3.2%	-1.0%	-1.9%

Table 5A-D1.32.1-U. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,666.6	3,236.3	2,744.8	2,115.6	1,513.8	1,099.6	878.4
Wet Water Years	3,952.3	3,567.0	3,095.8	2,471.0	1,812.0	1,295.4	967.6
Above Normal Water Years	4,045.2	3,594.8	3,074.4	2,432.2	1,787.3	1,312.3	1,001.9
Below Normal Water Years	3,872.2	3,424.9	2,892.5	2,203.1	1,564.8	1,160.3	984.2
Dry Water Years	3,675.2	3,186.4	2,638.5	1,968.1	1,400.1	1,054.6	894.4
Critical Water Years	2,396.7	1,980.9	1,599.4	1,114.0	689.8	453.8	359.6

Table 5A-D1.32.1-V. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 2b/4b (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,674.7	3,242.6	2,751.7	2,127.8	1,525.6	1,109.7	891.1
Wet Water Years	3,950.9	3,565.7	3,095.4	2,473.3	1,818.4	1,303.3	973.3
Above Normal Water Years	4,046.2	3,595.2	3,076.7	2,445.9	1,811.0	1,337.9	1,030.6
Below Normal Water Years	3,881.1	3,432.2	2,897.2	2,222.5	1,584.0	1,180.2	1,014.2
Dry Water Years	3,661.0	3,176.6	2,629.9	1,960.4	1,392.6	1,047.7	891.2
Critical Water Years	2,455.7	2,025.4	1,647.0	1,157.3	714.1	459.5	364.0

Table 5A-D1.32.1-W. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-8.1	-6.3	-6.9	-12.2	-11.9	-10.1	-12.7
Wet Water Years	1.4	1.2	0.4	-2.3	-6.4	-8.0	-5.7
Above Normal Water Years	-1.1	-0.4	-2.3	-13.7	-23.6	-25.6	-28.7
Below Normal Water Years	-8.8	-7.3	-4.7	-19.5	-19.1	-19.9	-30.0
Dry Water Years	14.2	9.8	8.6	7.7	7.6	6.9	3.1
Critical Water Years	-59.0	-44.5	-47.6	-43.3	-24.3	-5.7	-4.4

Table 5A-D1.32.1-X. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 2b/4b (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.2%	-0.2%	-0.3%	-0.6%	-0.8%	-0.9%	-1.4%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.6%	-0.6%
Above Normal Water Years	0.0%	0.0%	-0.1%	-0.6%	-1.3%	-2.0%	-2.9%
Below Normal Water Years	-0.2%	-0.2%	-0.2%	-0.9%	-1.2%	-1.7%	-3.1%
Dry Water Years	0.4%	0.3%	0.3%	0.4%	0.5%	0.7%	0.3%
Critical Water Years	-2.5%	-2.2%	-3.0%	-3.9%	-3.5%	-1.3%	-1.2%

Table 5A-D1.32.2-A. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 2c/4c (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,241.5	1,930.1	1,427.2	911.7	456.4	209.7	107.4
Wet Water Years	2,514.0	2,192.2	1,689.0	1,147.5	608.3	282.7	137.0
Above Normal Water Years	2,589.3	2,267.0	1,683.2	1,111.5	593.7	279.0	128.5
Below Normal Water Years	2,363.1	2,036.9	1,467.0	911.1	445.2	214.8	124.6
Dry Water Years	2,149.6	1,821.1	1,289.2	747.2	336.2	145.5	76.0
Critical Water Years	1,273.2	1,036.6	742.0	423.8	168.2	59.1	28.6

Table 5A-D1.32.2-B. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-7.2	-6.4	-6.1	-8.3	-6.6	-4.6	-3.5
Wet Water Years	0.5	0.4	0.1	-2.6	-5.8	-4.1	-1.9
Above Normal Water Years	-1.0	-0.2	-2.6	-6.9	-10.5	-8.4	-4.7
Below Normal Water Years	-16.8	-17.1	-14.5	-19.9	-13.9	-10.4	-11.2
Dry Water Years	3.2	3.7	2.2	0.8	0.2	-0.7	-1.3
Critical Water Years	-25.5	-21.0	-18.7	-13.8	-1.0	2.3	3.9

Table 5A-D1.32.2-C. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.3%	-0.3%	-0.4%	-0.9%	-1.5%	-2.2%	-3.4%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-1.0%	-1.5%	-1.4%
Above Normal Water Years	0.0%	0.0%	-0.2%	-0.6%	-1.8%	-3.1%	-3.8%
Below Normal Water Years	-0.7%	-0.8%	-1.0%	-2.2%	-3.2%	-5.1%	-9.8%
Dry Water Years	0.1%	0.2%	0.2%	0.1%	0.1%	-0.5%	-1.7%
Critical Water Years	-2.0%	-2.1%	-2.6%	-3.4%	-0.6%	3.8%	12.0%

Table 5A-D1.32.2-D. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 2c/4c (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,755.0	2,463.4	1,951.9	1,357.6	784.1	410.3	213.1
Wet Water Years	2,959.6	2,645.2	2,151.3	1,570.7	953.4	491.3	234.2
Above Normal Water Years	3,062.5	2,762.9	2,205.0	1,587.0	969.9	527.9	259.9
Below Normal Water Years	2,930.6	2,661.7	2,094.9	1,434.8	811.2	435.2	244.2
Dry Water Years	2,766.3	2,464.9	1,895.1	1,243.0	676.4	350.4	188.3
Critical Water Years	1,764.2	1,503.9	1,147.8	714.2	342.3	165.3	98.9

Table 5A-D1.32.2-E. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-7.9	-6.6	-6.6	-10.4	-9.9	-7.5	-6.0
Wet Water Years	-0.4	0.3	0.0	-3.4	-7.6	-6.3	-2.4
Above Normal Water Years	-1.6	0.3	-1.8	-8.1	-15.8	-15.7	-11.0
Below Normal Water Years	-12.4	-14.0	-11.6	-23.9	-23.4	-17.6	-18.2
Dry Water Years	7.6	8.8	7.3	5.7	2.9	0.9	-0.7
Critical Water Years	-40.0	-33.2	-32.9	-24.5	-3.3	2.9	4.5

Table 5A-D1.32.2-F. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.3%	-0.3%	-0.3%	-0.8%	-1.3%	-1.9%	-2.9%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-0.8%	-1.3%	-1.0%
Above Normal Water Years	-0.1%	0.0%	-0.1%	-0.5%	-1.7%	-3.1%	-4.4%
Below Normal Water Years	-0.4%	-0.5%	-0.6%	-1.7%	-3.0%	-4.2%	-8.0%
Dry Water Years	0.3%	0.4%	0.4%	0.5%	0.4%	0.3%	-0.4%
Critical Water Years	-2.3%	-2.3%	-3.0%	-3.5%	-1.0%	1.7%	4.3%

Table 5A-D1.32.2-G. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 2c/4c (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,033.7	2,725.0	2,217.1	1,608.3	1,022.2	616.9	353.7
Wet Water Years	3,282.2	2,935.5	2,440.5	1,839.3	1,208.3	709.2	364.1
Above Normal Water Years	3,346.8	3,034.3	2,487.9	1,857.1	1,233.9	762.9	418.4
Below Normal Water Years	3,214.6	2,931.5	2,379.0	1,712.7	1,081.9	672.9	415.4
Dry Water Years	3,021.9	2,723.4	2,157.5	1,498.8	928.9	575.8	352.0
Critical Water Years	1,962.3	1,686.2	1,320.1	860.8	454.8	253.3	167.6

Table 5A-D1.32.2-H. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-8.2	-6.6	-6.8	-10.9	-10.6	-10.0	-9.7
Wet Water Years	0.4	0.6	0.2	-3.5	-7.8	-7.2	-3.2
Above Normal Water Years	-2.3	-0.2	-2.2	-8.5	-16.9	-21.6	-19.8
Below Normal Water Years	-12.2	-12.9	-10.7	-23.8	-25.1	-24.4	-27.6
Dry Water Years	8.8	10.6	9.1	7.8	5.8	3.5	0.6
Critical Water Years	-44.9	-37.1	-37.8	-30.0	-7.1	1.5	1.9

Table 5A-D1.32.2-I. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.3%	-0.2%	-0.3%	-0.7%	-1.0%	-1.6%	-2.8%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-0.7%	-1.0%	-0.9%
Above Normal Water Years	-0.1%	0.0%	-0.1%	-0.5%	-1.4%	-2.9%	-5.0%
Below Normal Water Years	-0.4%	-0.4%	-0.5%	-1.4%	-2.4%	-3.8%	-7.1%
Dry Water Years	0.3%	0.4%	0.4%	0.5%	0.6%	0.6%	0.2%
Critical Water Years	-2.3%	-2.2%	-2.9%	-3.6%	-1.6%	0.6%	1.1%

Table 5A-D1.32.2-J. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 2c/4c (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,275.0	2,918.0	2,414.4	1,797.3	1,205.7	795.3	509.3
Wet Water Years	3,556.4	3,168.2	2,675.6	2,062.5	1,422.7	913.5	526.8
Above Normal Water Years	3,634.5	3,234.2	2,702.2	2,065.9	1,439.1	968.9	600.0
Below Normal Water Years	3,455.4	3,122.4	2,578.7	1,907.0	1,275.5	868.3	597.4
Dry Water Years	3,232.3	2,896.8	2,336.8	1,673.1	1,106.5	755.5	518.6
Critical Water Years	2,129.3	1,814.2	1,438.8	968.0	544.3	324.1	224.9

Table 5A-D1.32.2-K. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-9.5	-6.7	-7.0	-11.2	-10.9	-10.1	-11.1
Wet Water Years	0.9	0.8	0.4	-3.4	-7.6	-7.0	-3.5
Above Normal Water Years	-5.0	-0.5	-2.4	-8.8	-17.1	-22.2	-24.6
Below Normal Water Years	-14.8	-12.1	-10.2	-23.3	-24.9	-25.6	-31.8
Dry Water Years	9.4	11.0	9.7	8.7	6.8	5.1	2.5
Critical Water Years	-48.6	-39.8	-40.6	-33.6	-11.0	0.3	1.8

Table 5A-D1.32.2-L. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.3%	-0.2%	-0.3%	-0.6%	-0.9%	-1.3%	-2.2%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-0.5%	-0.8%	-0.7%
Above Normal Water Years	-0.1%	0.0%	-0.1%	-0.4%	-1.2%	-2.3%	-4.3%
Below Normal Water Years	-0.4%	-0.4%	-0.4%	-1.2%	-2.0%	-3.0%	-5.6%
Dry Water Years	0.3%	0.4%	0.4%	0.5%	0.6%	0.7%	0.5%
Critical Water Years	-2.3%	-2.2%	-2.9%	-3.6%	-2.1%	0.1%	0.8%

Table 5A-D1.32.2-M. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 2c/4c (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,487.5	3,085.7	2,587.4	1,965.8	1,369.1	955.7	672.8
Wet Water Years	3,772.9	3,375.7	2,889.0	2,270.7	1,622.8	1,108.1	713.7
Above Normal Water Years	3,890.0	3,412.7	2,891.6	2,255.4	1,624.5	1,155.6	793.7
Below Normal Water Years	3,681.7	3,283.1	2,747.1	2,072.4	1,438.8	1,033.8	777.2
Dry Water Years	3,427.0	3,041.9	2,488.0	1,820.4	1,255.1	907.8	681.7
Critical Water Years	2,294.5	1,924.0	1,543.5	1,062.6	627.2	389.7	279.5

Table 5A-D1.32.2-N. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-9.2	-6.8	-7.1	-11.5	-11.2	-10.1	-11.6
Wet Water Years	-0.5	1.0	0.5	-3.3	-7.3	-6.7	-3.4
Above Normal Water Years	-3.7	-0.6	-2.5	-9.1	-17.2	-22.4	-26.7
Below Normal Water Years	-11.2	-11.2	-9.8	-23.1	-24.5	-25.6	-33.6
Dry Water Years	9.8	11.3	10.0	9.3	7.5	5.8	3.7
Critical Water Years	-51.3	-42.2	-42.8	-36.6	-15.1	-0.8	1.5

Table 5A-D1.32.2-O. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.3%	-0.2%	-0.3%	-0.6%	-0.8%	-1.1%	-1.8%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.5%	-0.6%	-0.5%
Above Normal Water Years	-0.1%	0.0%	-0.1%	-0.4%	-1.1%	-2.0%	-3.5%
Below Normal Water Years	-0.3%	-0.3%	-0.4%	-1.1%	-1.7%	-2.5%	-4.5%
Dry Water Years	0.3%	0.4%	0.4%	0.5%	0.6%	0.6%	0.5%
Critical Water Years	-2.3%	-2.2%	-2.9%	-3.6%	-2.5%	-0.2%	0.5%

Table 5A-D1.32.2-P. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 2c/4c (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,675.1	3,243.4	2,752.1	2,127.4	1,525.5	1,109.8	890.2
Wet Water Years	3,951.8	3,565.9	3,095.3	2,474.3	1,819.2	1,301.8	971.1
Above Normal Water Years	4,047.0	3,595.4	3,077.0	2,441.6	1,804.7	1,335.0	1,029.6
Below Normal Water Years	3,884.4	3,436.8	2,902.2	2,226.1	1,589.0	1,185.8	1,018.9
Dry Water Years	3,661.1	3,176.0	2,628.2	1,958.2	1,392.2	1,048.3	889.7
Critical Water Years	2,450.6	2,023.8	1,644.1	1,153.1	709.2	456.1	357.8

Table 5A-D1.32.2-Q. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-8.6	-7.1	-7.3	-11.8	-11.7	-10.2	-11.9
Wet Water Years	0.5	1.1	0.5	-3.3	-7.2	-6.4	-3.5
Above Normal Water Years	-1.8	-0.6	-2.6	-9.4	-17.4	-22.7	-27.7
Below Normal Water Years	-12.2	-11.9	-9.6	-23.1	-24.2	-25.5	-34.7
Dry Water Years	14.1	10.3	10.4	9.9	8.0	6.3	4.6
Critical Water Years	-53.9	-42.9	-44.7	-39.2	-19.4	-2.3	1.8

Table 5A-D1.32.2-R. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 2c/4c (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.2%	-0.2%	-0.3%	-0.6%	-0.8%	-0.9%	-1.3%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.5%	-0.4%
Above Normal Water Years	0.0%	0.0%	-0.1%	-0.4%	-1.0%	-1.7%	-2.8%
Below Normal Water Years	-0.3%	-0.3%	-0.3%	-1.0%	-1.5%	-2.2%	-3.5%
Dry Water Years	0.4%	0.3%	0.4%	0.5%	0.6%	0.6%	0.5%
Critical Water Years	-2.2%	-2.2%	-2.8%	-3.5%	-2.8%	-0.5%	0.5%

Table 5A-D1.32.3-A. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 1/3 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,237.1	1,926.1	1,422.8	907.8	454.0	208.0	105.8
Wet Water Years	2,514.0	2,192.6	1,689.1	1,147.5	608.6	282.1	136.3
Above Normal Water Years	2,586.5	2,263.5	1,678.5	1,108.1	592.6	277.4	126.5
Below Normal Water Years	2,354.2	2,027.7	1,458.2	902.4	440.7	212.0	121.1
Dry Water Years	2,148.6	1,822.1	1,289.4	748.0	336.9	146.2	76.6
Critical Water Years	1,261.5	1,025.1	729.8	413.5	158.9	54.0	26.4

Table 5A-D1.32.3-B. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.8	-2.3	-1.7	-4.4	-4.2	-2.9	-2.0
Wet Water Years	0.5	0.1	0.1	-2.6	-6.1	-3.6	-1.2
Above Normal Water Years	1.7	3.3	2.2	-3.5	-9.5	-6.8	-2.7
Below Normal Water Years	-7.9	-7.8	-5.7	-11.2	-9.4	-7.6	-7.6
Dry Water Years	4.2	2.7	2.0	0.1	-0.5	-1.4	-1.8
Critical Water Years	-13.7	-9.5	-6.6	-3.5	8.3	7.5	6.2

Table 5A-D1.32.3-C. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.5%	-0.9%	-1.4%	-1.9%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-1.0%	-1.3%	-0.9%
Above Normal Water Years	0.1%	0.1%	0.1%	-0.3%	-1.6%	-2.5%	-2.2%
Below Normal Water Years	-0.3%	-0.4%	-0.4%	-1.3%	-2.2%	-3.7%	-6.7%
Dry Water Years	0.2%	0.1%	0.2%	0.0%	-0.2%	-1.0%	-2.4%
Critical Water Years	-1.1%	-0.9%	-0.9%	-0.8%	5.0%	12.2%	19.0%

Table 5A-D1.32.3-D. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 1/3 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,750.1	2,459.3	1,947.0	1,352.9	780.8	408.2	211.3
Wet Water Years	2,959.1	2,645.0	2,150.7	1,570.3	953.7	490.8	233.3
Above Normal Water Years	3,059.5	2,760.6	2,201.4	1,582.2	966.3	524.1	254.7
Below Normal Water Years	2,923.3	2,653.0	2,086.2	1,425.9	805.7	432.4	240.6
Dry Water Years	2,765.3	2,466.7	1,894.9	1,244.1	677.7	352.7	191.8
Critical Water Years	1,747.2	1,490.0	1,133.3	700.2	330.2	157.2	94.9

Table 5A-D1.32.3-E. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.9	-2.4	-1.7	-5.7	-6.7	-5.4	-4.2
Wet Water Years	0.1	0.5	0.6	-3.0	-7.9	-5.8	-1.5
Above Normal Water Years	1.4	2.6	1.8	-3.3	-12.2	-11.9	-5.8
Below Normal Water Years	-5.1	-5.3	-3.0	-15.0	-17.8	-14.8	-14.5
Dry Water Years	8.6	7.1	7.5	4.6	1.6	-1.4	-4.2
Critical Water Years	-23.0	-19.3	-18.4	-10.5	8.7	11.1	8.5

Table 5A-D1.32.3-F. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.4%	-0.9%	-1.3%	-2.0%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-0.8%	-1.2%	-0.7%
Above Normal Water Years	0.0%	0.1%	0.1%	-0.2%	-1.3%	-2.3%	-2.4%
Below Normal Water Years	-0.2%	-0.2%	-0.1%	-1.1%	-2.3%	-3.5%	-6.4%
Dry Water Years	0.3%	0.3%	0.4%	0.4%	0.2%	-0.4%	-2.3%
Critical Water Years	-1.3%	-1.3%	-1.7%	-1.5%	2.6%	6.6%	8.2%

Table 5A-D1.32.3-G. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 1/3 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,028.4	2,720.6	2,212.0	1,603.2	1,018.7	614.2	351.6
Wet Water Years	3,281.7	2,935.5	2,439.9	1,838.8	1,208.7	708.7	363.1
Above Normal Water Years	3,345.0	3,032.3	2,484.3	1,852.1	1,229.6	755.5	409.5
Below Normal Water Years	3,206.6	2,923.1	2,370.3	1,704.1	1,076.5	670.1	411.8
Dry Water Years	3,019.6	2,724.1	2,156.2	1,499.3	930.5	578.6	357.6
Critical Water Years	1,944.4	1,671.1	1,305.1	845.1	440.8	243.2	162.7

Table 5A-D1.32.3-H. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.9	-2.2	-1.6	-5.8	-7.1	-7.2	-7.7
Wet Water Years	0.9	0.6	0.8	-3.0	-8.2	-6.7	-2.2
Above Normal Water Years	-0.5	1.8	1.4	-3.5	-12.7	-14.3	-10.9
Below Normal Water Years	-4.3	-4.4	-1.9	-15.1	-19.8	-21.7	-24.0
Dry Water Years	11.1	9.9	10.3	7.3	4.2	0.6	-4.9
Critical Water Years	-27.1	-22.0	-22.8	-14.3	7.0	11.6	6.8

Table 5A-D1.32.3-I. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.4%	-0.7%	-1.2%	-2.2%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-0.7%	-1.0%	-0.6%
Above Normal Water Years	0.0%	0.1%	0.1%	-0.2%	-1.0%	-1.9%	-2.7%
Below Normal Water Years	-0.1%	-0.2%	-0.1%	-0.9%	-1.9%	-3.3%	-6.2%
Dry Water Years	0.4%	0.4%	0.5%	0.5%	0.5%	0.1%	-1.4%
Critical Water Years	-1.4%	-1.3%	-1.8%	-1.7%	1.6%	4.5%	4.0%

Table 5A-D1.32.3-J. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 1/3 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,268.6	2,913.3	2,409.0	1,792.0	1,201.9	792.2	506.9
Wet Water Years	3,555.2	3,168.1	2,675.0	2,062.1	1,423.2	913.2	525.7
Above Normal Water Years	3,630.8	3,232.0	2,698.5	2,060.8	1,434.5	960.8	588.1
Below Normal Water Years	3,446.9	3,114.4	2,569.9	1,898.4	1,270.3	865.6	593.8
Dry Water Years	3,228.2	2,896.0	2,334.4	1,672.9	1,107.6	758.2	524.7
Critical Water Years	2,110.1	1,798.2	1,423.4	951.3	528.7	312.2	219.4

Table 5A-D1.32.3-K. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-3.1	-2.0	-1.6	-5.9	-7.2	-7.1	-8.7
Wet Water Years	2.1	0.8	0.9	-3.0	-8.2	-6.7	-2.4
Above Normal Water Years	-1.4	1.7	1.3	-3.7	-12.6	-14.1	-12.7
Below Normal Water Years	-6.3	-4.1	-1.3	-14.8	-19.7	-22.9	-28.2
Dry Water Years	13.5	11.8	12.0	8.9	5.7	2.5	-3.5
Critical Water Years	-29.4	-23.8	-25.2	-16.9	4.6	12.2	7.2

Table 5A-D1.32.3-L. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.3%	-0.6%	-0.9%	-1.7%
Wet Water Years	0.1%	0.0%	0.0%	-0.1%	-0.6%	-0.7%	-0.5%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.2%	-0.9%	-1.5%	-2.2%
Below Normal Water Years	-0.2%	-0.1%	-0.1%	-0.8%	-1.6%	-2.7%	-5.0%
Dry Water Years	0.4%	0.4%	0.5%	0.5%	0.5%	0.3%	-0.7%
Critical Water Years	-1.4%	-1.3%	-1.8%	-1.8%	0.9%	3.8%	3.2%

Table 5A-D1.32.3-M. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 1/3 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,481.6	3,080.7	2,581.8	1,960.3	1,365.2	952.4	670.2
Wet Water Years	3,772.2	3,375.6	2,888.4	2,270.4	1,623.6	1,108.0	712.7
Above Normal Water Years	3,888.1	3,410.2	2,887.8	2,250.1	1,619.8	1,147.2	780.6
Below Normal Water Years	3,673.5	3,275.2	2,738.3	2,063.9	1,433.9	1,031.3	774.0
Dry Water Years	3,423.8	3,040.1	2,484.6	1,819.5	1,255.7	909.9	687.9
Critical Water Years	2,274.6	1,906.9	1,527.5	1,045.3	610.2	376.4	272.9

Table 5A-D1.32.3-N. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-3.3	-1.7	-1.5	-6.0	-7.3	-6.8	-9.0
Wet Water Years	0.2	1.0	1.0	-3.1	-8.2	-6.6	-2.5
Above Normal Water Years	-1.8	1.9	1.3	-3.8	-12.5	-14.0	-13.5
Below Normal Water Years	-3.0	-3.3	-1.0	-14.7	-19.5	-23.1	-30.4
Dry Water Years	13.0	13.1	13.4	10.3	6.9	3.8	-2.5
Critical Water Years	-31.4	-25.1	-26.8	-19.2	1.9	12.5	8.1

Table 5A-D1.32.3-O. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.3%	-0.5%	-0.7%	-1.4%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.5%	-0.6%	-0.3%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.2%	-0.8%	-1.2%	-1.8%
Below Normal Water Years	-0.1%	-0.1%	0.0%	-0.7%	-1.4%	-2.3%	-4.1%
Dry Water Years	0.4%	0.4%	0.5%	0.6%	0.5%	0.4%	-0.4%
Critical Water Years	-1.4%	-1.3%	-1.8%	-1.9%	0.3%	3.2%	2.9%

Table 5A-D1.32.3-P. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 1/3 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,668.9	3,238.2	2,746.2	2,121.8	1,521.3	1,106.2	887.1
Wet Water Years	3,950.3	3,565.5	3,094.9	2,474.3	1,820.2	1,301.9	970.3
Above Normal Water Years	4,046.4	3,592.7	3,073.1	2,436.2	1,799.9	1,326.4	1,016.0
Below Normal Water Years	3,876.7	3,429.0	2,893.4	2,217.7	1,584.3	1,183.4	1,015.1
Dry Water Years	3,658.5	3,173.5	2,624.0	1,956.6	1,392.1	1,049.7	896.0
Critical Water Years	2,428.0	2,006.9	1,627.3	1,135.2	691.0	441.6	348.8

Table 5A-D1.32.3-Q. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.4	-1.9	-1.4	-6.2	-7.6	-6.6	-8.8
Wet Water Years	2.0	1.4	0.9	-3.3	-8.2	-6.6	-2.7
Above Normal Water Years	-1.2	2.1	1.3	-3.9	-12.6	-14.1	-14.1
Below Normal Water Years	-4.5	-4.1	-0.9	-14.7	-19.4	-23.1	-30.9
Dry Water Years	16.7	12.9	14.5	11.5	8.1	4.9	-1.7
Critical Water Years	-31.3	-25.9	-27.9	-21.3	-1.2	12.2	10.8

Table 5A-D1.32.3-R. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 1/3 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.3%	-0.5%	-0.6%	-1.0%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.5%	-0.5%	-0.3%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.2%	-0.7%	-1.1%	-1.4%
Below Normal Water Years	-0.1%	-0.1%	0.0%	-0.7%	-1.2%	-2.0%	-3.1%
Dry Water Years	0.5%	0.4%	0.5%	0.6%	0.6%	0.5%	-0.2%
Critical Water Years	-1.3%	-1.3%	-1.7%	-1.9%	-0.2%	2.7%	3.0%

Table 5A-D1.32.4-A. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 2a/4a (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,236.1	1,924.7	1,422.4	909.2	455.8	208.6	105.4
Wet Water Years	2,513.4	2,191.6	1,687.7	1,147.1	608.7	282.4	136.9
Above Normal Water Years	2,585.8	2,263.1	1,678.1	1,109.9	594.0	276.1	125.6
Below Normal Water Years	2,351.0	2,024.0	1,456.0	903.3	442.8	214.3	121.6
Dry Water Years	2,142.3	1,814.3	1,285.8	749.2	340.9	146.7	73.8
Critical Water Years	1,269.0	1,032.8	738.3	419.7	161.4	54.2	25.3

Table 5A-D1.32.4-B. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-1.8	-0.9	-1.3	-5.9	-6.0	-3.5	-1.6
Wet Water Years	1.2	1.0	1.4	-2.2	-6.2	-3.9	-1.8
Above Normal Water Years	2.5	3.7	2.6	-5.4	-10.8	-5.5	-1.9
Below Normal Water Years	-4.7	-4.2	-3.5	-12.1	-11.5	-9.9	-8.1
Dry Water Years	10.5	10.6	5.6	-1.2	-4.5	-1.9	0.9
Critical Water Years	-21.3	-17.2	-15.1	-9.7	5.7	7.3	7.2

Table 5A-D1.32.4-C. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	0.0%	-0.1%	-0.6%	-1.3%	-1.7%	-1.5%
Wet Water Years	0.0%	0.0%	0.1%	-0.2%	-1.0%	-1.4%	-1.3%
Above Normal Water Years	0.1%	0.2%	0.2%	-0.5%	-1.9%	-2.0%	-1.5%
Below Normal Water Years	-0.2%	-0.2%	-0.2%	-1.4%	-2.7%	-4.8%	-7.2%
Dry Water Years	0.5%	0.6%	0.4%	-0.2%	-1.3%	-1.3%	1.2%
Critical Water Years	-1.7%	-1.7%	-2.1%	-2.4%	3.4%	11.9%	22.2%

Table 5A-D1.32.4-D. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 2a/4a (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,749.7	2,458.1	1,947.2	1,355.8	784.2	409.2	210.0
Wet Water Years	2,959.5	2,645.4	2,150.6	1,571.3	955.2	491.6	233.4
Above Normal Water Years	3,059.9	2,760.4	2,201.2	1,585.2	969.7	523.2	253.0
Below Normal Water Years	2,919.9	2,648.9	2,083.4	1,426.9	807.1	432.5	238.8
Dry Water Years	2,757.9	2,457.0	1,890.3	1,246.7	685.9	357.5	190.1
Critical Water Years	1,757.1	1,499.1	1,145.0	710.4	335.3	157.6	92.4

Table 5A-D1.32.4-E. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.5	-1.3	-2.0	-8.6	-10.1	-6.4	-3.0
Wet Water Years	-0.3	0.1	0.7	-4.0	-9.4	-6.5	-1.6
Above Normal Water Years	1.0	2.8	2.0	-6.3	-15.6	-11.0	-4.1
Below Normal Water Years	-1.7	-1.2	-0.2	-15.9	-19.2	-14.9	-12.8
Dry Water Years	16.0	16.7	12.1	1.9	-6.7	-6.2	-2.5
Critical Water Years	-32.9	-28.5	-30.1	-20.7	3.6	10.7	10.9

Table 5A-D1.32.4-F. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.6%	-1.3%	-1.6%	-1.4%
Wet Water Years	0.0%	0.0%	0.0%	-0.3%	-1.0%	-1.3%	-0.7%
Above Normal Water Years	0.0%	0.1%	0.1%	-0.4%	-1.6%	-2.1%	-1.6%
Below Normal Water Years	-0.1%	0.0%	0.0%	-1.1%	-2.4%	-3.6%	-5.7%
Dry Water Years	0.6%	0.7%	0.6%	0.2%	-1.0%	-1.8%	-1.3%
Critical Water Years	-1.9%	-1.9%	-2.7%	-3.0%	1.1%	6.3%	10.6%

Table 5A-D1.32.4-G. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 2a/4a (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,028.4	2,719.6	2,212.3	1,606.6	1,023.0	615.9	350.2
Wet Water Years	3,282.3	2,935.9	2,439.9	1,840.3	1,211.0	710.2	363.2
Above Normal Water Years	3,344.3	3,032.1	2,484.3	1,855.5	1,233.8	755.2	406.6
Below Normal Water Years	3,203.7	2,918.7	2,367.1	1,704.9	1,077.9	669.4	408.7
Dry Water Years	3,013.0	2,715.0	2,151.9	1,502.3	940.0	585.9	358.2
Critical Water Years	1,955.6	1,680.9	1,317.0	857.0	448.2	244.8	159.4

Table 5A-D1.32.4-H. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.9	-1.2	-1.9	-9.2	-11.4	-9.0	-6.3
Wet Water Years	0.3	0.2	0.8	-4.5	-10.5	-8.2	-2.4
Above Normal Water Years	0.1	2.0	1.5	-6.9	-16.8	-13.9	-8.0
Below Normal Water Years	-1.4	0.0	1.3	-15.9	-21.2	-21.0	-20.9
Dry Water Years	17.6	19.0	14.6	4.3	-5.3	-6.6	-5.6
Critical Water Years	-38.2	-31.7	-34.7	-26.1	-0.4	9.9	10.1

Table 5A-D1.32.4-I. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	0.0%	-0.1%	-0.6%	-1.1%	-1.5%	-1.8%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-0.9%	-1.2%	-0.7%
Above Normal Water Years	0.0%	0.1%	0.1%	-0.4%	-1.4%	-1.9%	-2.0%
Below Normal Water Years	0.0%	0.0%	0.1%	-0.9%	-2.0%	-3.2%	-5.4%
Dry Water Years	0.6%	0.7%	0.7%	0.3%	-0.6%	-1.1%	-1.6%
Critical Water Years	-2.0%	-1.9%	-2.7%	-3.1%	-0.1%	3.9%	6.0%

Table 5A-D1.32.4-J. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 2a/4a (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,268.4	2,912.6	2,409.5	1,795.6	1,206.8	794.6	505.6
Wet Water Years	3,556.5	3,168.5	2,675.1	2,063.9	1,425.9	915.0	526.1
Above Normal Water Years	3,630.2	3,231.7	2,698.4	2,064.5	1,439.4	961.0	585.3
Below Normal Water Years	3,441.7	3,110.0	2,566.7	1,899.1	1,271.8	865.0	590.2
Dry Water Years	3,221.6	2,887.8	2,330.7	1,676.3	1,117.6	766.4	526.2
Critical Water Years	2,121.8	1,808.7	1,435.5	964.1	537.9	315.5	216.4

Table 5A-D1.32.4-K. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.8	-1.2	-2.0	-9.6	-12.0	-9.4	-7.4
Wet Water Years	0.9	0.4	0.9	-4.8	-10.8	-8.6	-2.7
Above Normal Water Years	-0.8	2.0	1.3	-7.4	-17.4	-14.4	-9.8
Below Normal Water Years	-1.1	0.3	1.9	-15.5	-21.2	-22.3	-24.6
Dry Water Years	20.1	20.0	15.8	5.5	-4.3	-5.7	-5.1
Critical Water Years	-41.1	-34.3	-37.3	-29.7	-4.6	8.9	10.2

Table 5A-D1.32.4-L. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	0.0%	-0.1%	-0.5%	-1.0%	-1.2%	-1.5%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-0.8%	-0.9%	-0.5%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.4%	-1.2%	-1.5%	-1.7%
Below Normal Water Years	0.0%	0.0%	0.1%	-0.8%	-1.7%	-2.6%	-4.4%
Dry Water Years	0.6%	0.7%	0.7%	0.3%	-0.4%	-0.8%	-1.0%
Critical Water Years	-2.0%	-1.9%	-2.7%	-3.2%	-0.9%	2.7%	4.5%

Table 5A-D1.32.4-M. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 2a/4a (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,481.1	3,080.3	2,582.4	1,964.2	1,370.5	955.2	669.1
Wet Water Years	3,772.1	3,376.2	2,888.6	2,272.4	1,626.5	1,110.1	713.3
Above Normal Water Years	3,887.2	3,410.0	2,887.7	2,254.0	1,625.2	1,147.9	778.0
Below Normal Water Years	3,670.6	3,271.3	2,735.1	2,064.7	1,435.4	1,030.7	769.5
Dry Water Years	3,417.8	3,032.4	2,481.3	1,823.3	1,266.0	918.7	690.2
Critical Water Years	2,284.4	1,918.4	1,540.0	1,058.5	620.9	381.2	270.6

Table 5A-D1.32.4-N. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.9	-1.4	-2.1	-9.9	-12.6	-9.6	-7.9
Wet Water Years	0.4	0.4	0.8	-5.0	-11.0	-8.6	-3.0
Above Normal Water Years	-0.9	2.0	1.3	-7.8	-17.9	-14.7	-10.9
Below Normal Water Years	-0.1	0.5	2.1	-15.4	-21.1	-22.5	-25.9
Dry Water Years	19.1	20.8	16.7	6.4	-3.4	-5.0	-4.8
Critical Water Years	-41.2	-36.6	-39.3	-32.5	-8.9	7.7	10.3

Table 5A-D1.32.4-O. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	0.0%	-0.1%	-0.5%	-0.9%	-1.0%	-1.2%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-0.7%	-0.8%	-0.4%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.3%	-1.1%	-1.3%	-1.4%
Below Normal Water Years	0.0%	0.0%	0.1%	-0.8%	-1.5%	-2.2%	-3.5%
Dry Water Years	0.6%	0.7%	0.7%	0.4%	-0.3%	-0.6%	-0.7%
Critical Water Years	-1.8%	-1.9%	-2.6%	-3.2%	-1.5%	2.0%	3.7%

Table 5A-D1.32.4-P. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 2a/4a (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,669.0	3,237.9	2,747.0	2,125.9	1,527.0	1,109.4	886.7
Wet Water Years	3,950.2	3,566.5	3,095.0	2,476.2	1,823.2	1,304.1	970.9
Above Normal Water Years	4,046.4	3,592.5	3,073.0	2,440.3	1,805.6	1,327.4	1,013.6
Below Normal Water Years	3,872.9	3,424.5	2,890.4	2,218.5	1,585.9	1,182.9	1,011.9
Dry Water Years	3,651.6	3,166.3	2,621.1	1,960.9	1,402.8	1,059.1	899.1
Critical Water Years	2,442.6	2,018.2	1,640.1	1,148.9	703.1	447.6	348.1

Table 5A-D1.32.4-Q. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.5	-1.6	-2.2	-10.3	-13.3	-9.8	-8.3
Wet Water Years	2.0	0.4	0.8	-5.2	-11.2	-8.7	-3.3
Above Normal Water Years	-1.3	2.2	1.4	-8.0	-18.3	-15.1	-11.7
Below Normal Water Years	-0.6	0.4	2.2	-15.4	-21.1	-22.6	-27.7
Dry Water Years	23.6	20.0	17.4	7.2	-2.6	-4.4	-4.7
Critical Water Years	-45.9	-37.3	-40.8	-35.0	-13.3	6.2	11.6

Table 5A-D1.32.4-R. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 2a/4a (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.5%	-0.9%	-0.9%	-0.9%
Wet Water Years	0.1%	0.0%	0.0%	-0.2%	-0.6%	-0.7%	-0.3%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.3%	-1.0%	-1.2%	-1.2%
Below Normal Water Years	0.0%	0.0%	0.1%	-0.7%	-1.3%	-1.9%	-2.8%
Dry Water Years	0.6%	0.6%	0.7%	0.4%	-0.2%	-0.4%	-0.5%
Critical Water Years	-1.9%	-1.9%	-2.5%	-3.1%	-1.9%	1.4%	3.2%

Table 5A-D1.32.5-A. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 5 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,236.6	1,925.6	1,422.3	907.3	453.3	207.4	105.4
Wet Water Years	2,513.5	2,191.9	1,688.2	1,146.8	608.1	281.9	136.3
Above Normal Water Years	2,586.2	2,263.9	1,678.9	1,107.0	590.0	276.4	127.3
Below Normal Water Years	2,354.8	2,028.7	1,459.5	903.4	440.8	210.8	119.6
Dry Water Years	2,147.2	1,820.5	1,287.7	746.8	335.9	145.5	75.9
Critical Water Years	1,259.9	1,023.3	728.2	412.4	158.1	53.8	26.3

Table 5A-D1.32.5-B. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.3	-1.9	-1.2	-3.9	-3.5	-2.3	-1.6
Wet Water Years	1.0	0.8	0.9	-1.9	-5.6	-3.4	-1.1
Above Normal Water Years	2.1	2.9	1.7	-2.5	-6.8	-5.8	-3.5
Below Normal Water Years	-8.6	-8.9	-7.0	-12.2	-9.5	-6.4	-6.1
Dry Water Years	5.6	4.3	3.7	1.3	0.4	-0.7	-1.2
Critical Water Years	-12.1	-7.7	-4.9	-2.4	9.0	7.7	6.3

Table 5A-D1.32.5-C. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 48-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.4%	-0.8%	-1.1%	-1.5%
Wet Water Years	0.0%	0.0%	0.1%	-0.2%	-0.9%	-1.2%	-0.8%
Above Normal Water Years	0.1%	0.1%	0.1%	-0.2%	-1.2%	-2.1%	-2.9%
Below Normal Water Years	-0.4%	-0.4%	-0.5%	-1.4%	-2.2%	-3.1%	-5.4%
Dry Water Years	0.3%	0.2%	0.3%	0.2%	0.1%	-0.5%	-1.5%
Critical Water Years	-1.0%	-0.8%	-0.7%	-0.6%	5.4%	12.4%	19.3%

Table 5A-D1.32.5-D. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 5 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	2,749.8	2,459.0	1,946.7	1,352.4	779.8	407.2	210.7
Wet Water Years	2,958.9	2,644.8	2,150.4	1,569.9	953.2	490.5	233.1
Above Normal Water Years	3,059.1	2,760.2	2,201.0	1,580.2	962.6	522.6	255.4
Below Normal Water Years	2,923.3	2,653.2	2,086.7	1,426.5	805.4	430.4	238.9
Dry Water Years	2,764.1	2,465.4	1,893.3	1,242.7	676.3	351.6	190.7
Critical Water Years	1,748.0	1,490.2	1,133.4	699.9	329.5	157.0	94.8

Table 5A-D1.32.5-E. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.7	-2.2	-1.4	-5.2	-5.6	-4.4	-3.7
Wet Water Years	0.3	0.7	0.9	-2.6	-7.4	-5.5	-1.3
Above Normal Water Years	1.9	3.0	2.2	-1.3	-8.4	-10.4	-6.5
Below Normal Water Years	-5.1	-5.5	-3.4	-15.6	-17.6	-12.8	-12.9
Dry Water Years	9.8	8.3	9.1	5.9	3.0	-0.3	-3.1
Critical Water Years	-23.8	-19.5	-18.5	-10.2	9.5	11.3	8.5

Table 5A-D1.32.5-F. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 50-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.4%	-0.7%	-1.1%	-1.8%
Wet Water Years	0.0%	0.0%	0.0%	-0.2%	-0.8%	-1.1%	-0.6%
Above Normal Water Years	0.1%	0.1%	0.1%	-0.1%	-0.9%	-2.0%	-2.6%
Below Normal Water Years	-0.2%	-0.2%	-0.2%	-1.1%	-2.2%	-3.1%	-5.7%
Dry Water Years	0.4%	0.3%	0.5%	0.5%	0.4%	-0.1%	-1.7%
Critical Water Years	-1.4%	-1.3%	-1.7%	-1.5%	2.8%	6.7%	8.2%

Table 5A-D1.32.5-G. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 5 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,028.3	2,720.5	2,211.8	1,602.7	1,017.6	613.0	350.9
Wet Water Years	3,281.4	2,935.4	2,439.7	1,838.5	1,208.4	708.4	362.9
Above Normal Water Years	3,344.6	3,032.1	2,484.1	1,850.0	1,225.6	753.6	409.7
Below Normal Water Years	3,206.7	2,923.2	2,370.5	1,704.4	1,076.1	667.9	409.7
Dry Water Years	3,018.4	2,722.9	2,154.5	1,497.8	928.9	577.3	356.3
Critical Water Years	1,945.6	1,671.7	1,305.7	845.3	440.3	242.8	162.7

Table 5A-D1.32.5-H. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.8	-2.0	-1.4	-5.3	-6.1	-6.1	-6.9
Wet Water Years	1.2	0.8	1.0	-2.7	-7.9	-6.4	-2.0
Above Normal Water Years	-0.1	2.0	1.7	-1.4	-8.7	-12.4	-11.1
Below Normal Water Years	-4.4	-4.5	-2.1	-15.4	-19.3	-19.5	-21.9
Dry Water Years	12.3	11.1	12.0	8.8	5.8	2.0	-3.7
Critical Water Years	-28.3	-22.6	-23.4	-14.5	7.5	11.9	6.8

Table 5A-D1.32.5-I. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 52-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.3%	-0.6%	-1.0%	-2.0%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.7%	-0.9%	-0.6%
Above Normal Water Years	0.0%	0.1%	0.1%	-0.1%	-0.7%	-1.7%	-2.8%
Below Normal Water Years	-0.1%	-0.2%	-0.1%	-0.9%	-1.8%	-3.0%	-5.6%
Dry Water Years	0.4%	0.4%	0.6%	0.6%	0.6%	0.3%	-1.0%
Critical Water Years	-1.5%	-1.4%	-1.8%	-1.7%	1.7%	4.7%	4.0%

Table 5A-D1.32.5-J. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 5 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,268.4	2,913.2	2,408.9	1,791.5	1,200.9	791.0	506.0
Wet Water Years	3,554.5	3,168.1	2,674.9	2,062.0	1,423.0	912.9	525.5
Above Normal Water Years	3,630.6	3,231.9	2,698.4	2,058.7	1,430.5	958.8	588.3
Below Normal Water Years	3,446.9	3,114.4	2,570.1	1,898.7	1,269.8	863.3	591.5
Dry Water Years	3,227.0	2,894.8	2,332.7	1,671.3	1,106.1	756.8	523.2
Critical Water Years	2,111.5	1,798.9	1,424.3	951.9	528.4	311.7	219.4

Table 5A-D1.32.5-K. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.8	-1.9	-1.4	-5.5	-6.2	-5.9	-7.8
Wet Water Years	2.8	0.9	1.0	-2.9	-7.9	-6.4	-2.1
Above Normal Water Years	-1.2	1.8	1.4	-1.6	-8.5	-12.1	-12.9
Below Normal Water Years	-6.4	-4.1	-1.6	-15.0	-19.2	-20.6	-25.9
Dry Water Years	14.7	13.0	13.8	10.5	7.2	3.9	-2.1
Critical Water Years	-30.8	-24.5	-26.0	-17.5	4.9	12.7	7.2

Table 5A-D1.32.5-L. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 54-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.3%	-0.5%	-0.7%	-1.6%
Wet Water Years	0.1%	0.0%	0.0%	-0.1%	-0.6%	-0.7%	-0.4%
Above Normal Water Years	0.0%	0.1%	0.1%	-0.1%	-0.6%	-1.3%	-2.2%
Below Normal Water Years	-0.2%	-0.1%	-0.1%	-0.8%	-1.5%	-2.4%	-4.6%
Dry Water Years	0.5%	0.4%	0.6%	0.6%	0.6%	0.5%	-0.4%
Critical Water Years	-1.5%	-1.4%	-1.9%	-1.9%	0.9%	3.9%	3.2%

Table 5A-D1.32.5-M. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 5 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,481.6	3,080.6	2,581.6	1,959.9	1,364.2	951.2	669.3
Wet Water Years	3,772.4	3,375.6	2,888.4	2,270.4	1,623.5	1,107.9	712.5
Above Normal Water Years	3,888.0	3,410.1	2,887.7	2,248.0	1,615.7	1,145.1	780.7
Below Normal Water Years	3,673.5	3,275.1	2,738.4	2,064.1	1,433.3	1,028.9	771.5
Dry Water Years	3,422.6	3,038.8	2,482.9	1,817.9	1,254.1	908.5	686.4
Critical Water Years	2,276.0	1,907.8	1,528.5	1,046.0	610.3	375.8	272.8

Table 5A-D1.32.5-N. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-3.3	-1.6	-1.3	-5.6	-6.4	-5.6	-8.1
Wet Water Years	0.1	1.0	1.0	-3.0	-8.0	-6.4	-2.3
Above Normal Water Years	-1.7	1.9	1.3	-1.7	-8.4	-11.8	-13.7
Below Normal Water Years	-3.0	-3.3	-1.2	-14.9	-18.9	-20.7	-27.9
Dry Water Years	14.3	14.3	15.1	11.9	8.5	5.1	-1.0
Critical Water Years	-32.7	-26.0	-27.8	-20.0	1.8	13.1	8.1

Table 5A-D1.32.5-O. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 56-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	-0.1%	-0.3%	-0.5%	-0.6%	-1.2%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.5%	-0.6%	-0.3%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	-0.5%	-1.0%	-1.8%
Below Normal Water Years	-0.1%	-0.1%	0.0%	-0.7%	-1.3%	-2.1%	-3.7%
Dry Water Years	0.4%	0.5%	0.6%	0.6%	0.7%	0.6%	-0.1%
Critical Water Years	-1.5%	-1.4%	-1.9%	-1.9%	0.3%	3.4%	2.9%

Table 5A-D1.32.5-P. Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 5 (2020)

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	3,669.1	3,238.1	2,746.1	2,121.4	1,520.4	1,105.0	886.2
Wet Water Years	3,950.8	3,565.5	3,094.8	2,474.2	1,820.1	1,301.8	970.2
Above Normal Water Years	4,046.3	3,592.6	3,073.0	2,434.1	1,795.7	1,324.2	1,016.1
Below Normal Water Years	3,876.6	3,428.9	2,893.6	2,217.9	1,583.6	1,180.9	1,012.7
Dry Water Years	3,657.0	3,172.2	2,622.3	1,955.1	1,390.6	1,048.5	894.5
Critical Water Years	2,429.8	2,007.9	1,628.4	1,136.1	691.4	440.9	348.3

Table 5A-D1.32.5-Q. Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-2.5	-1.8	-1.3	-5.8	-6.7	-5.4	-7.8
Wet Water Years	1.5	1.4	1.0	-3.2	-8.2	-6.4	-2.6
Above Normal Water Years	-1.1	2.1	1.4	-1.8	-8.4	-11.9	-14.2
Below Normal Water Years	-4.3	-4.0	-1.0	-14.8	-18.8	-20.6	-28.5
Dry Water Years	18.2	14.1	16.3	13.0	9.6	6.2	-0.2
Critical Water Years	-33.2	-27.0	-29.0	-22.1	-1.6	12.9	11.3

Table 5A-D1.32.5-R. Percent Difference in Shasta Average Cold Water Pool Volume (thousand acre-feet) for 58-degree Fahrenheit, Alternative 5 (2020) versus Existing Condition

Average	Apr	May	Jun	Jul	Aug	Sep	Oct
Full Simulation Period	-0.1%	-0.1%	0.0%	-0.3%	-0.4%	-0.5%	-0.9%
Wet Water Years	0.0%	0.0%	0.0%	-0.1%	-0.5%	-0.5%	-0.3%
Above Normal Water Years	0.0%	0.1%	0.0%	-0.1%	-0.5%	-0.9%	-1.4%
Below Normal Water Years	-0.1%	-0.1%	0.0%	-0.7%	-1.2%	-1.8%	-2.9%
Dry Water Years	0.5%	0.4%	0.6%	0.7%	0.7%	0.6%	0.0%
Critical Water Years	-1.4%	-1.4%	-1.8%	-2.0%	-0.2%	2.8%	3.1%

Figure 5A-D1.32.1-A. Shasta Average Cold Water Pool Volume (thousand acre-feet) by Temperature (degree Fahrenheit) for April, Existing Conditions

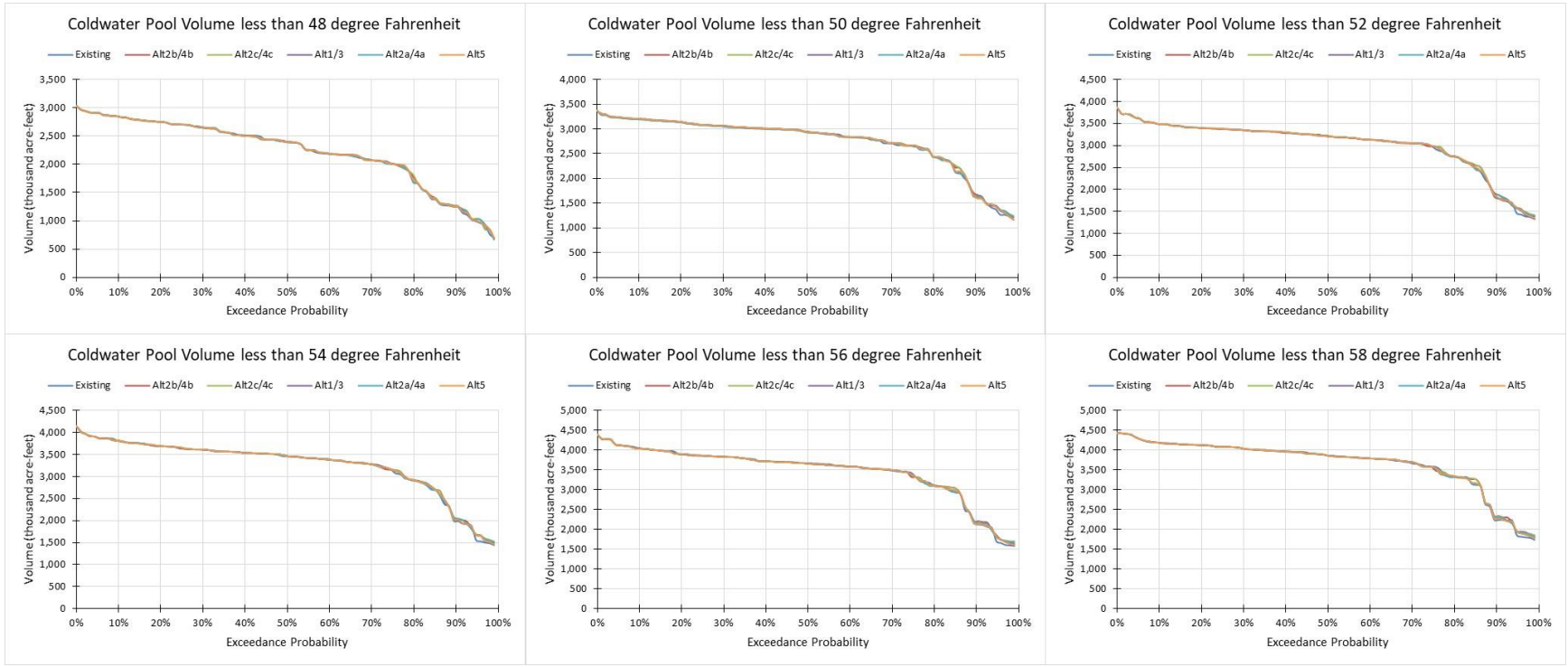


Figure 5A-D1.32.1-B. Shasta Average Cold Water Pool Volume (thousand acre-feet) by Temperature (degree Fahrenheit) for May, Existing Conditions

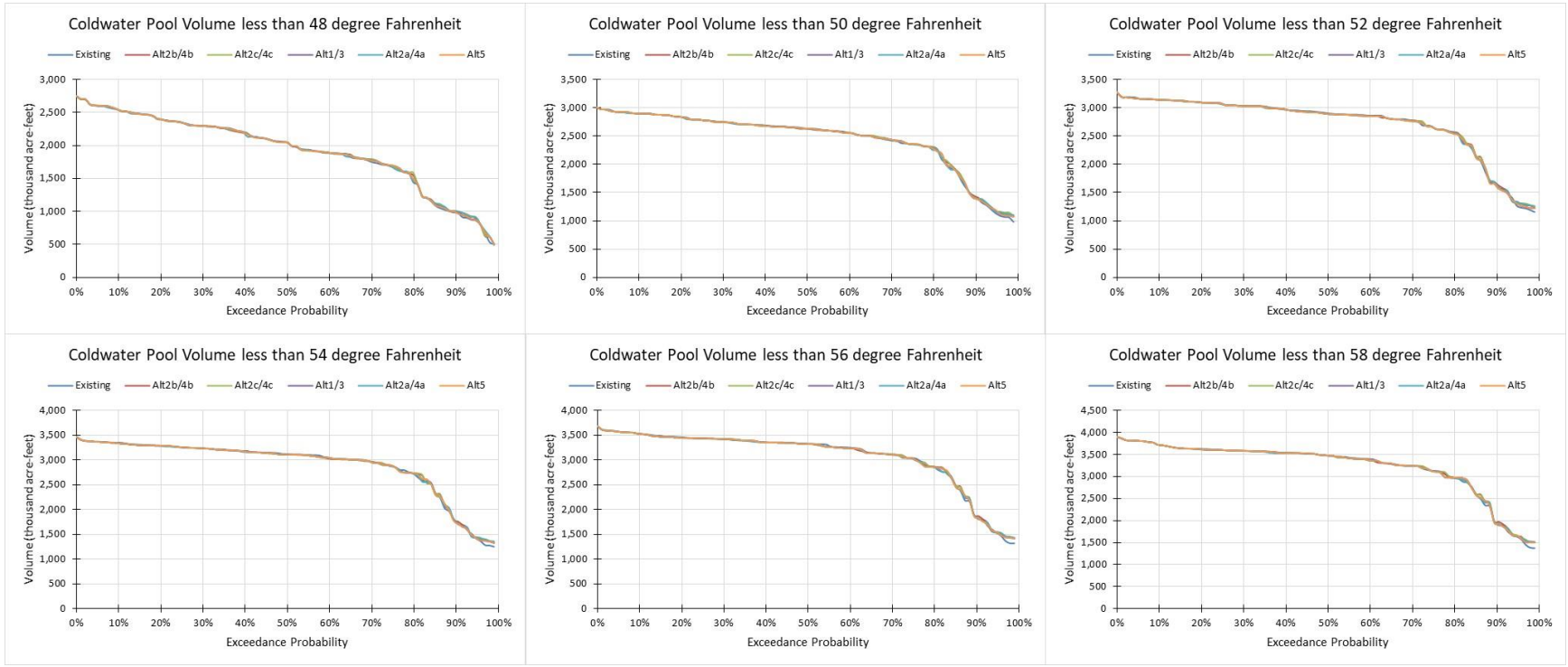


Figure 5A-D1.32.1-C. Shasta Average Cold Water Pool Volume (thousand acre-feet) by Temperature (degree Fahrenheit) for June, Existing Conditions

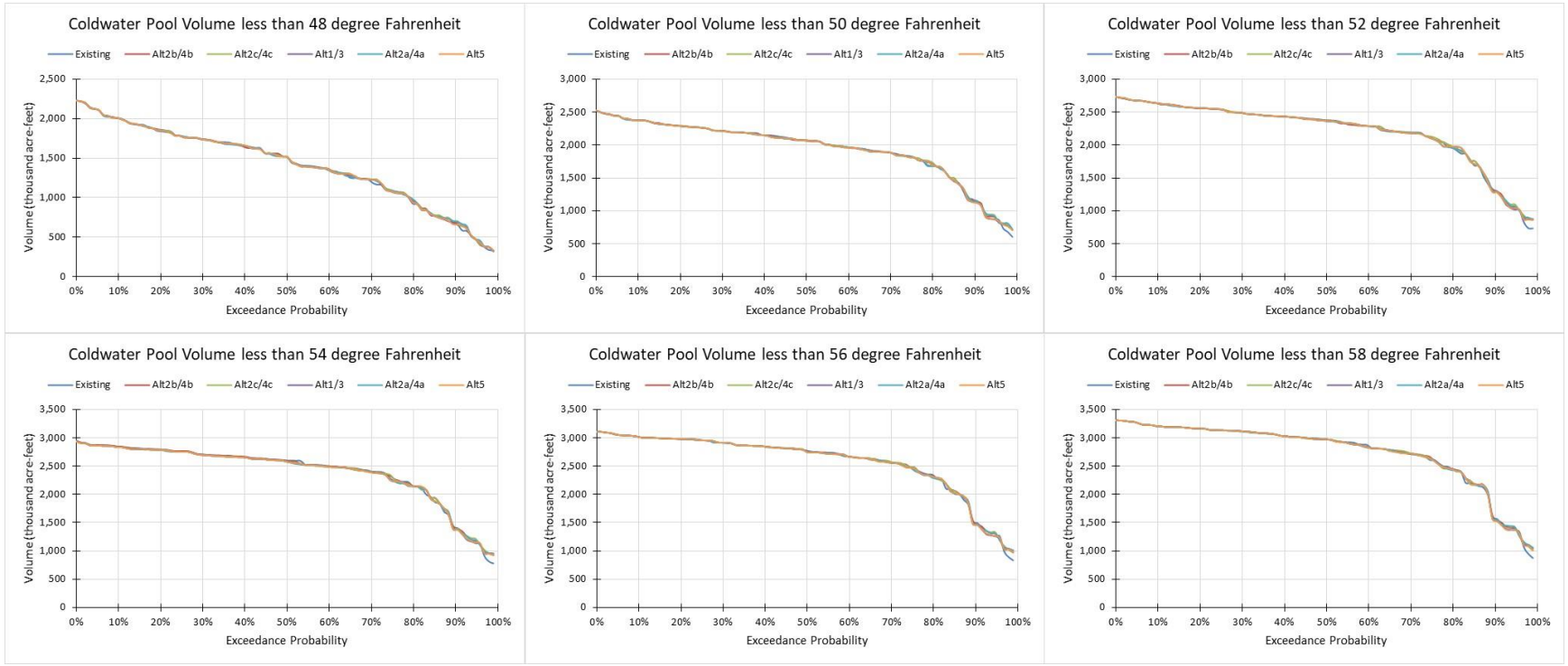


Figure 5A-D1.32.1-D. Shasta Average Cold Water Pool Volume (thousand acre-feet) by Temperature (degree Fahrenheit) for July, Existing Conditions

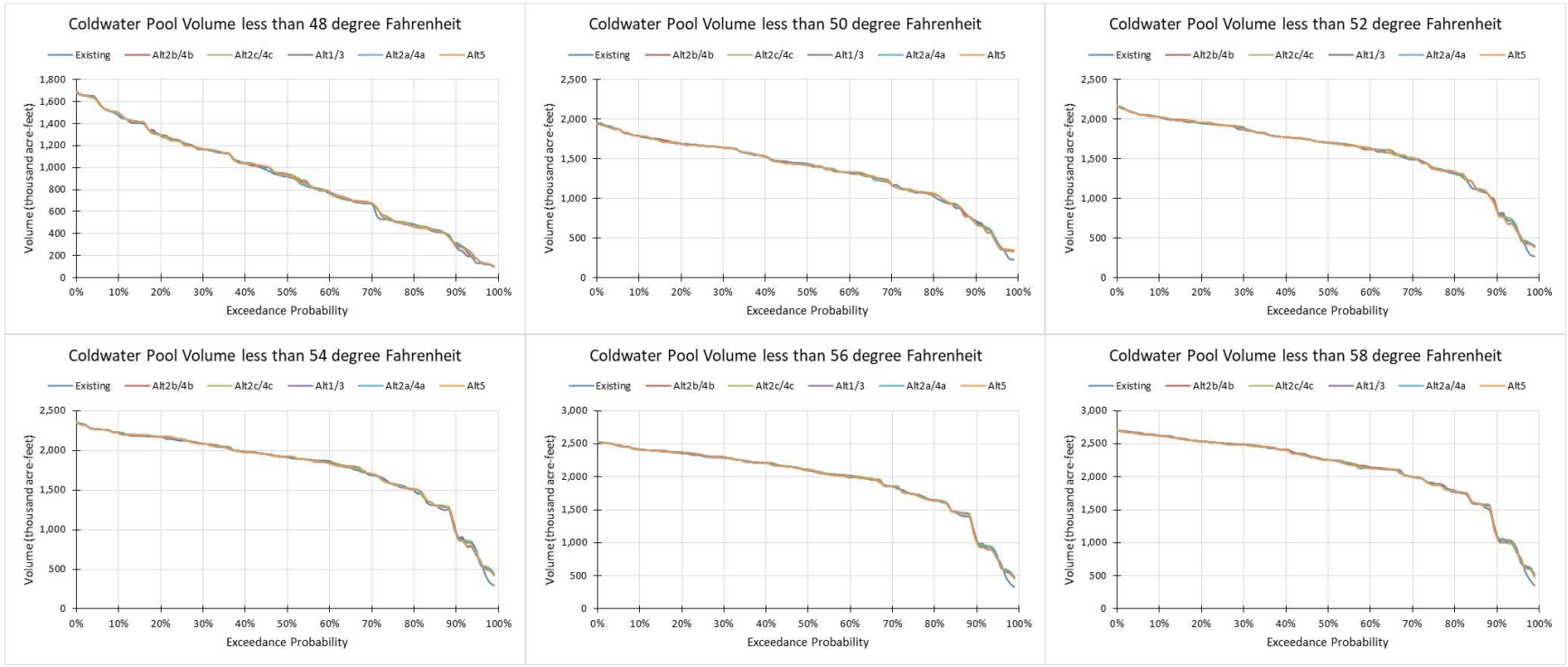


Figure 5A-D1.32.1-E. Shasta Average Cold Water Pool Volume (thousand acre-feet) by Temperature (degree Fahrenheit) for August, Existing Conditions

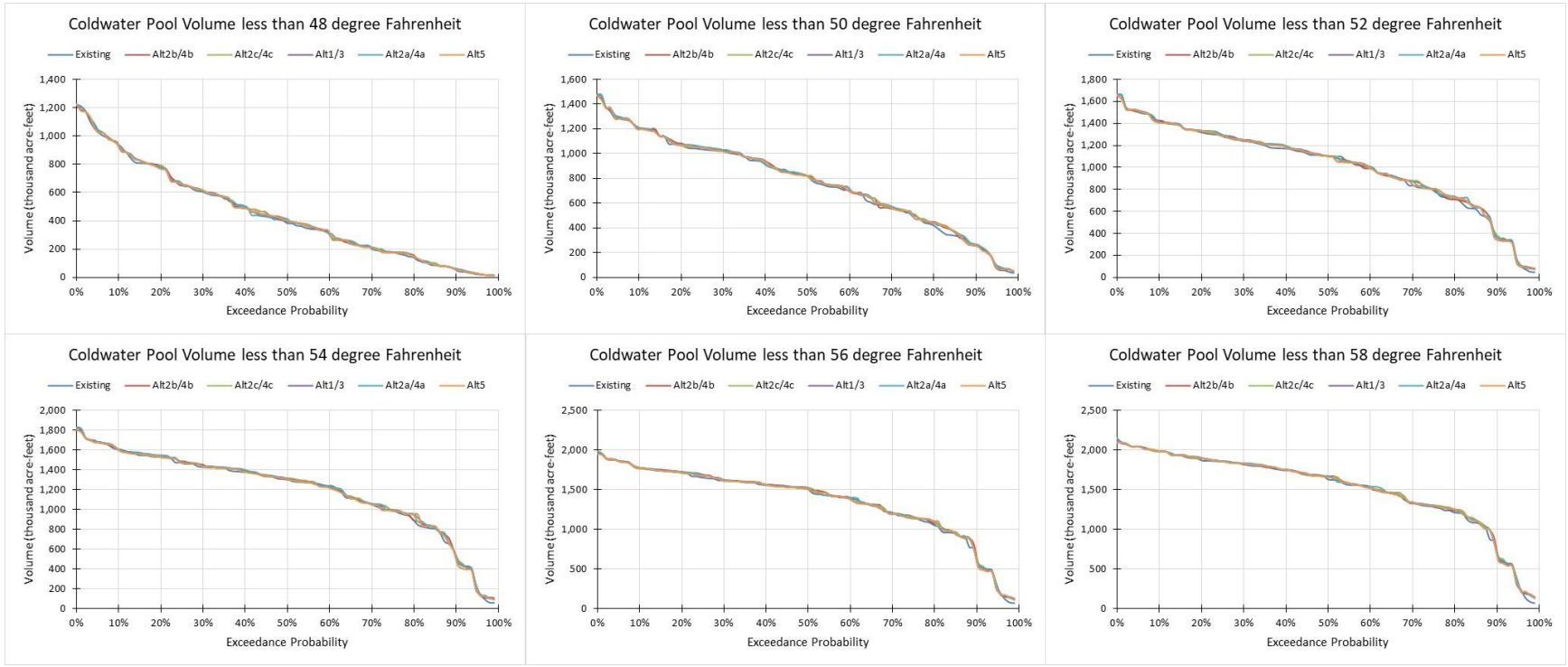


Figure 5A-D1.32.1-F. Shasta Average Cold Water Pool Volume (thousand acre-feet) by Temperature (degree Fahrenheit) for September, Existing Conditions

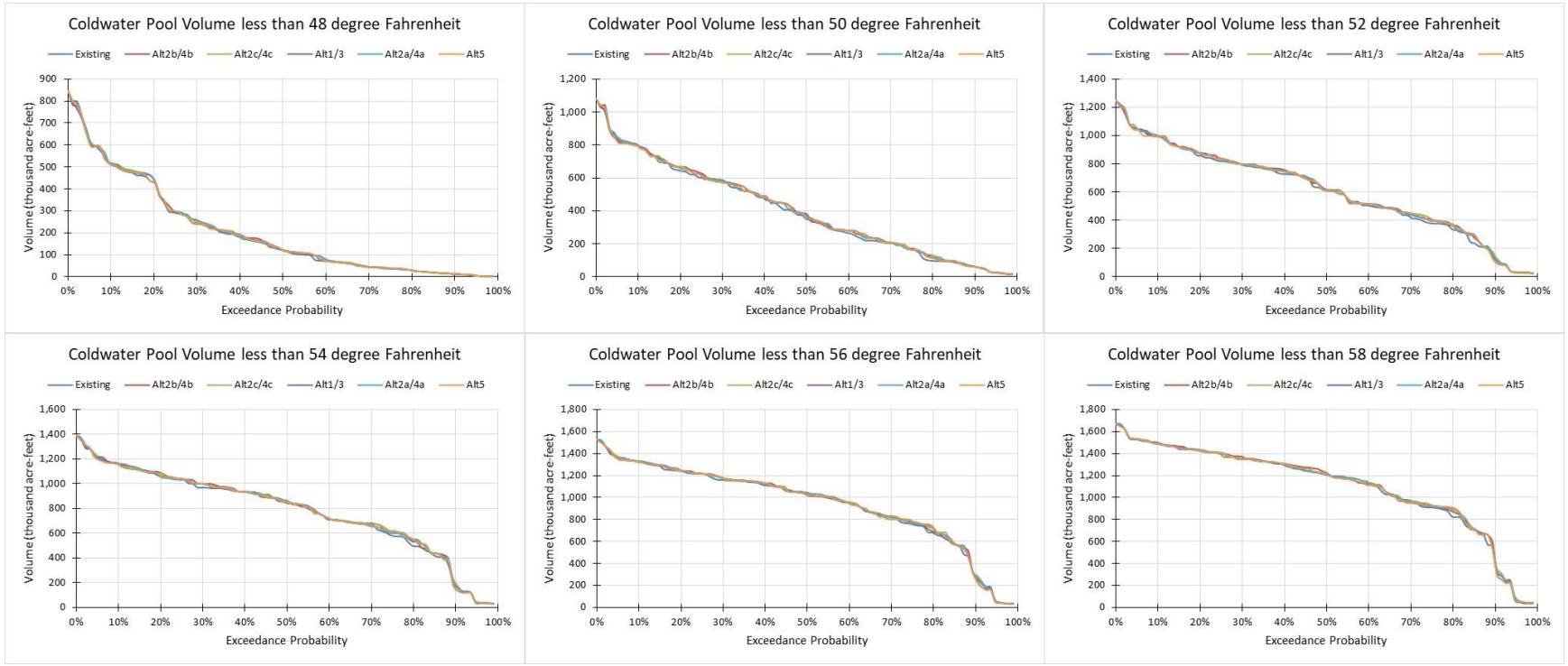


Figure 5A-D1.32.1-G. Shasta Average Cold Water Pool Volume (thousand acre-feet) by Temperature (degree Fahrenheit) for October, Existing Conditions

