River Temperature Modeling

Summary Tables and Bar Charts

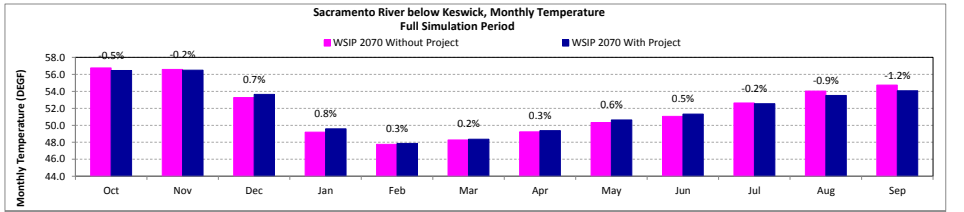
Table SQ2-1a
Sacramento River below Keswick, Monthly Temperature
Long-term Average and Average by Water Year Type

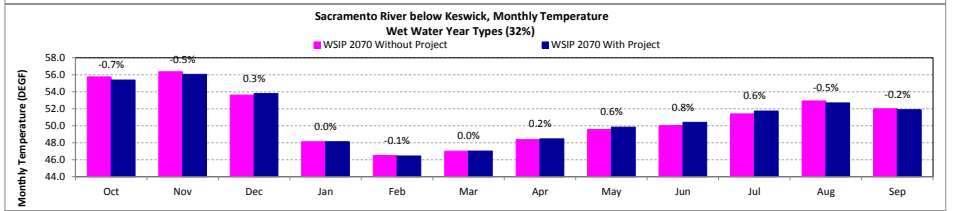
Analysis Period	Monthly Temperature (DEGF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	56.8	56.6	53.3	49.2	47.8	48.3	49.2	50.3	51.1	52.6	54.0	54.7
WSIP 2070 With Project	56.5	56.5	53.6	49.6	47.9	48.4	49.4	50.6	51.3	52.5	53.5	54.1
Difference	-0.3	-0.1	0.4	0.4	0.1	0.1	0.1	0.3	0.3	-0.1	-0.5	-0.7
Percent Difference[3]	-0.5%	-0.2%	0.7%	0.8%	0.3%	0.2%	0.3%	0.6%	0.5%	-0.2%	-0.9%	-1.2%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	55.7	56.4	53.6	48.1	46.5	47.0	48.4	49.6	50.0	51.4	52.9	52.0
WSIP 2070 With Project	55.4	56.1	53.8	48.1	46.4	47.0	48.5	49.8	50.4	51.7	52.7	51.9
Difference	-0.4	-0.3	0.2	0.0	0.0	0.0	0.1	0.3	0.4	0.3	-0.2	-0.1
Percent Difference	-0.7%	-0.5%	0.3%	0.0%	-0.1%	0.0%	0.2%	0.6%	0.8%	0.6%	-0.5%	-0.2%
Above Normal (13%)												
WSIP 2070 Without Project	55.0	55.9	53.8	49.5	47.7	48.0	49.2	50.1	50.4	51.4	52.5	52.3
WSIP 2070 With Project	54.8	55.8	54.0	49.6	47.7	47.9	49.2	50.3	50.6	51.4	52.3	52.8
Difference	-0.2	-0.1	0.2	0.1	0.0	0.0	0.0	0.2	0.2	0.0	-0.2	0.4
Percent Difference	-0.4%	-0.1%	0.4%	0.2%	0.0%	-0.1%	0.1%	0.3%	0.3%	0.0%	-0.4%	0.8%
Below Normal (16%)												
WSIP 2070 Without Project	55.3	55.8	52.8	49.6	47.8	48.6	49.5	50.0	50.5	52.0	53.4	53.9
WSIP 2070 With Project	55.3	56.0	53.3	50.1	47.8	48.6	49.4	50.4	51.1	52.3	52.9	53.1
Difference	0.0	0.2	0.5	0.5	0.1	0.0	-0.1	0.4	0.5	0.3	-0.5	-0.8
Percent Difference	0.0%	0.4%	1.0%	0.9%	0.1%	0.1%	-0.2%	0.8%	1.0%	0.5%	-1.0%	-1.4%
Dry (24%)												
WSIP 2070 Without Project	56.4	56.9	53.3	49.7	48.7	49.0	49.6	50.5	51.4	53.3	53.8	54.8
WSIP 2070 With Project	56.2	56.6	53.6	50.4	48.9	49.3	49.9	51.0	51.9	53.1	53.4	54.1
Difference	-0.1	-0.3	0.3	0.7	0.2	0.3	0.3	0.5	0.5	-0.2	-0.4	-0.7
Percent Difference	-0.2%	-0.5%	0.6%	1.3%	0.4%	0.6%	0.6%	0.9%	0.9%	-0.4%	-0.7%	-1.2%
Critical (15%)												
WSIP 2070 Without Project	62.7	58.1	52.6	49.9	48.9	49.8	50.3	52.2	53.9	55.9	58.9	63.7
WSIP 2070 With Project	61.7	58.3	53.4	50.8	49.5	49.9	50.6	52.3	53.3	54.7	57.3	60.9
Difference	-1.0	0.2	0.8	0.9	0.6	0.2	0.3	0.1	-0.6	-1.2	-1.6	-2.8
Percent Difference	-1.5%	0.3%	1.5%	1.8%	1.2%	0.3%	0.6%	0.3%	-1.1%	-2.2%	-2.7%	-4.4%

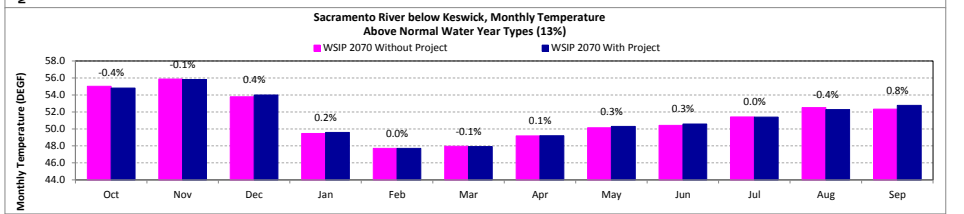
1 Based on the 82-year simulation period

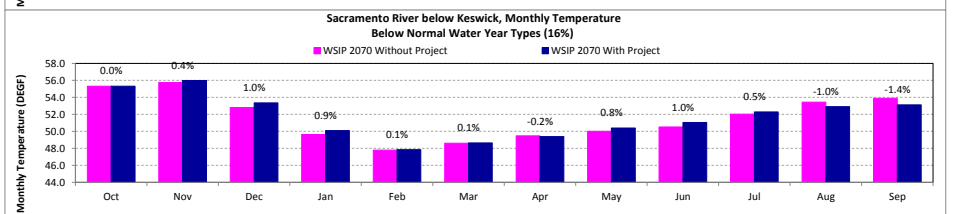
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

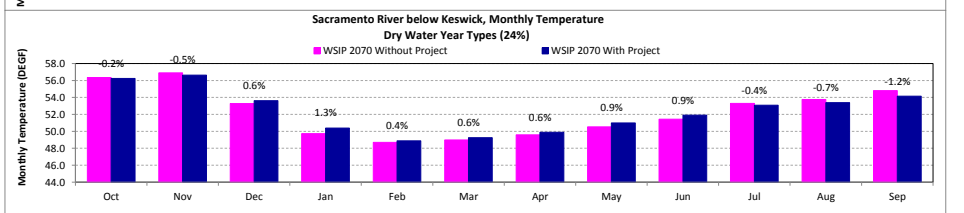
3 Relative difference of the monthly average











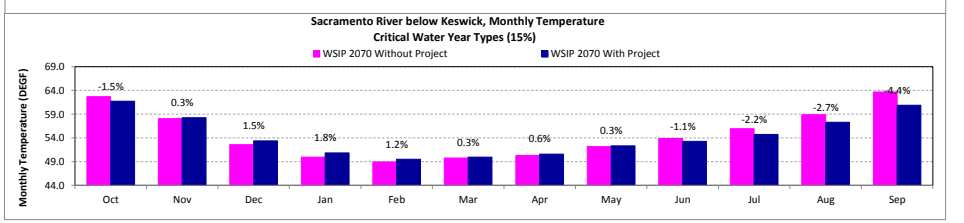


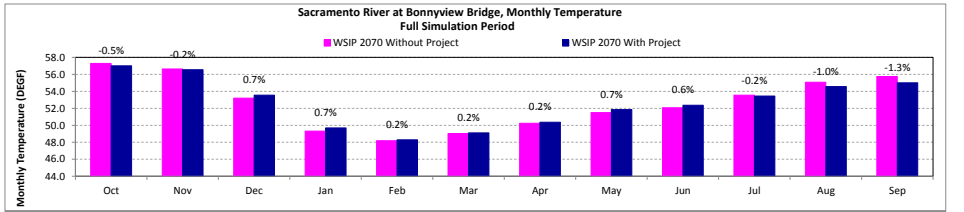
Table SQ3-1a
Sacramento River at Bonnyview Bridge, Monthly Temperature
Long-term Average and Average by Water Year Type

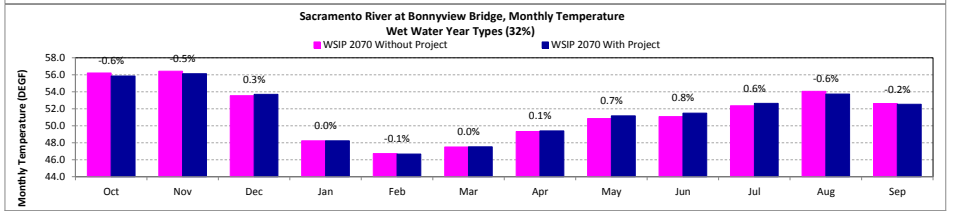
Analysis Period	Monthly Temperature (DEGF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	57.3	56.6	53.2	49.3	48.2	49.0	50.2	51.5	52.1	53.6	55.1	55.7
WSIP 2070 With Project	57.0	56.5	53.6	49.7	48.3	49.1	50.4	51.9	52.4	53.4	54.6	55.0
Difference	-0.3	-0.1	0.4	0.4	0.1	0.1	0.1	0.4	0.3	-0.1	-0.5	-0.7
Percent Difference[3]	-0.5%	-0.2%	0.7%	0.7%	0.2%	0.2%	0.2%	0.7%	0.6%	-0.2%	-1.0%	-1.3%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	56.2	56.4	53.5	48.2	46.7	47.5	49.3	50.8	51.1	52.3	54.0	52.6
WSIP 2070 With Project	55.9	56.1	53.7	48.2	46.7	47.5	49.4	51.2	51.5	52.6	53.7	52.5
Difference	-0.4	-0.3	0.2	0.0	0.0	0.0	0.1	0.3	0.4	0.3	-0.3	-0.1
Percent Difference	-0.6%	-0.5%	0.3%	0.0%	-0.1%	0.0%	0.1%	0.7%	0.8%	0.6%	-0.6%	-0.2%
Above Normal (13%)												
WSIP 2070 Without Project	55.6	55.9	53.7	49.6	48.0	48.5	50.2	51.3	51.5	52.3	53.6	53.1
WSIP 2070 With Project	55.4	55.8	53.9	49.7	48.0	48.5	50.3	51.5	51.7	52.2	53.3	53.7
Difference	-0.2	-0.1	0.2	0.1	0.0	0.0	0.0	0.2	0.2	-0.1	-0.3	0.6
Percent Difference	-0.3%	-0.1%	0.4%	0.2%	0.0%	-0.1%	0.1%	0.4%	0.5%	-0.1%	-0.5%	1.1%
Below Normal (16%)												
WSIP 2070 Without Project	56.0	55.8	52.8	49.8	48.3	49.6	50.6	51.2	51.5	52.9	54.5	55.3
WSIP 2070 With Project	56.0	56.0	53.3	50.2	48.3	49.6	50.4	51.6	52.1	53.1	53.9	54.3
Difference	0.0	0.2	0.5	0.4	0.0	0.0	-0.2	0.4	0.5	0.2	-0.6	-1.0
Percent Difference	0.0%	0.4%	1.0%	0.9%	0.1%	0.1%	-0.4%	0.9%	1.1%	0.5%	-1.0%	-1.9%
Dry (24%)												
WSIP 2070 Without Project	56.9	56.9	53.2	49.9	49.3	49.9	50.6	51.6	52.4	54.2	54.8	56.2
WSIP 2070 With Project	56.9	56.7	53.5	50.5	49.4	50.1	50.9	52.1	52.9	54.0	54.4	55.3
Difference	0.0	-0.2	0.3	0.6	0.2	0.2	0.3	0.5	0.5	-0.2	-0.3	-0.9
Percent Difference	-0.1%	-0.4%	0.6%	1.3%	0.3%	0.5%	0.5%	1.0%	1.0%	-0.4%	-0.6%	-1.6%
Critical (15%)												
WSIP 2070 Without Project	63.1	58.1	52.6	50.1	49.6	50.8	51.2	53.3	54.8	57.0	59.8	64.6
WSIP 2070 With Project	62.2	58.3	53.3	50.9	50.1	50.9	51.6	53.5	54.3	55.8	58.3	61.8
Difference	-0.9	0.2	0.7	0.8	0.5	0.1	0.4	0.2	-0.5	-1.2	-1.5	-2.8
Percent Difference	-1.4%	0.3%	1.4%	1.7%	1.0%	0.3%	0.7%	0.5%	-1.0%	-2.1%	-2.5%	-4.3%

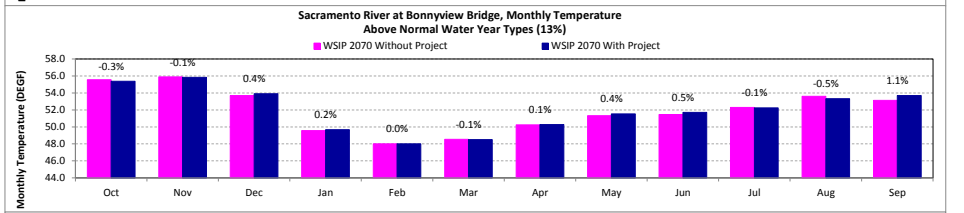
1 Based on the 82-year simulation period

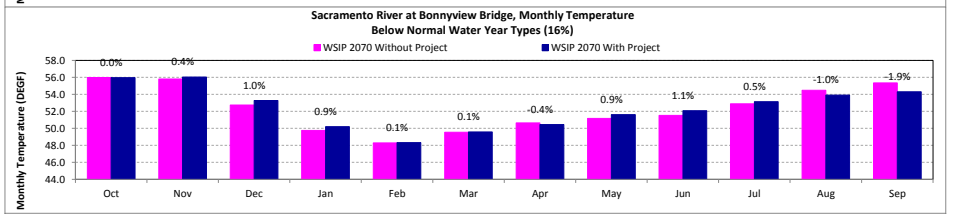
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

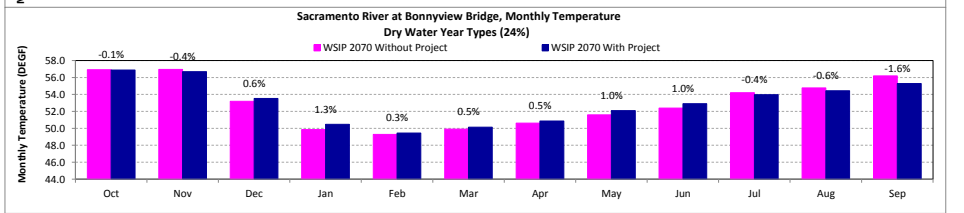
3 Relative difference of the monthly average











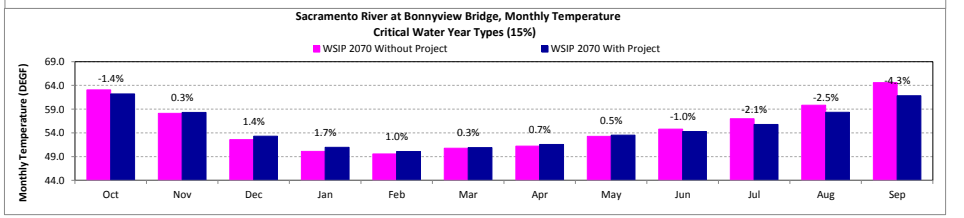


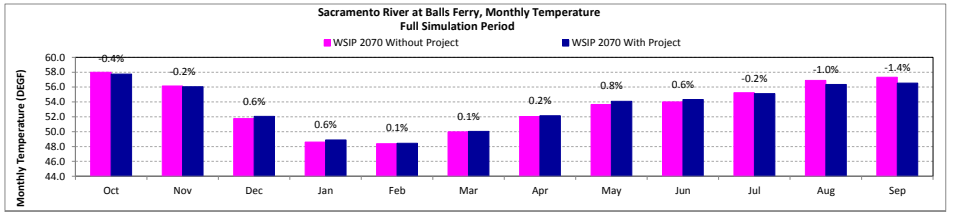
Table SQ4-1a
Sacramento River at Balls Ferry, Monthly Temperature
Long-term Average and Average by Water Year Type

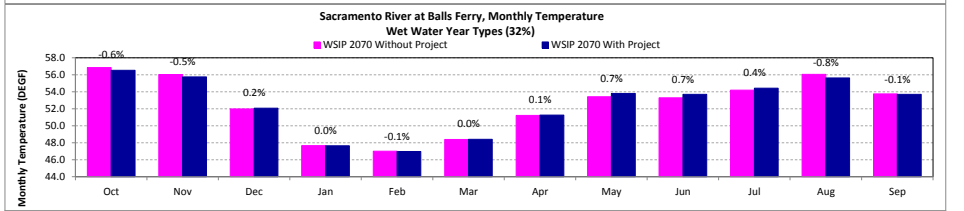
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEGF)											
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	58.0	56.1	51.8	48.6	48.4	50.0	52.0	53.7	54.0	55.2	56.9	57.3
WSIP 2070 With Project	57.8	56.1	52.1	48.9	48.4	50.0	52.1	54.1	54.3	55.1	56.4	56.5
Difference	-0.2	-0.1	0.3	0.3	0.1	0.1	0.1	0.4	0.3	-0.1	-0.5	-0.8
Percent Difference[3]	-0.4%	-0.2%	0.6%	0.6%	0.1%	0.1%	0.2%	0.8%	0.6%	-0.2%	-1.0%	-1.4%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	56.9	56.0	52.0	47.7	47.0	48.4	51.2	53.4	53.3	54.2	56.1	53.7
WSIP 2070 With Project	56.5	55.7	52.1	47.6	47.0	48.4	51.2	53.8	53.7	54.4	55.6	53.7
Difference	-0.3	-0.3	0.1	0.0	0.0	0.0	0.0	0.4	0.4	0.2	-0.4	0.0
Percent Difference	-0.6%	-0.5%	0.2%	0.0%	-0.1%	0.0%	0.1%	0.7%	0.7%	0.4%	-0.8%	-0.1%
Above Normal (13%)												
WSIP 2070 Without Project	56.3	55.5	52.3	48.5	48.0	49.4	52.2	53.6	53.5	53.9	55.5	54.5
WSIP 2070 With Project	56.2	55.5	52.7	48.7	48.0	49.4	52.2	53.8	53.9	53.8	55.2	55.3
Difference	-0.1	0.0	0.4	0.1	0.0	0.0	0.0	0.3	0.4	-0.1	-0.4	0.7
Percent Difference	-0.2%	-0.1%	0.7%	0.2%	0.0%	0.0%	0.1%	0.5%	0.7%	-0.2%	-0.7%	1.3%
Below Normal (16%)												
WSIP 2070 Without Project	56.9	55.3	51.3	48.9	48.4	50.5	52.6	53.4	53.4	54.4	56.3	57.6
WSIP 2070 With Project	56.9	55.5	51.8	49.1	48.4	50.5	52.3	53.9	54.0	54.7	55.7	56.2
Difference	0.0	0.2	0.5	0.3	0.0	0.0	-0.3	0.5	0.6	0.2	-0.6	-1.3
Percent Difference	-0.1%	0.4%	0.9%	0.6%	0.0%	0.0%	-0.5%	1.0%	1.1%	0.4%	-1.1%	-2.3%
Dry (24%)												
WSIP 2070 Without Project	57.7	56.3	51.9	49.1	49.3	50.8	52.3	53.4	54.1	55.8	56.5	58.3
WSIP 2070 With Project	57.8	56.1	52.2	49.6	49.5	51.0	52.5	53.9	54.6	55.6	56.2	57.1
Difference	0.1	-0.2	0.3	0.5	0.1	0.2	0.2	0.5	0.5	-0.2	-0.3	-1.2
Percent Difference	0.1%	-0.4%	0.5%	1.0%	0.2%	0.3%	0.4%	1.0%	1.0%	-0.4%	-0.6%	-2.0%
Critical (15%)												
WSIP 2070 Without Project	63.4	57.6	51.1	49.6	50.0	52.0	52.7	55.1	56.4	58.7	61.3	65.7
WSIP 2070 With Project	62.7	57.8	51.6	50.3	50.4	52.0	53.1	55.5	56.0	57.5	60.0	63.1
Difference	-0.8	0.2	0.5	0.7	0.4	0.1	0.4	0.4	-0.4	-1.2	-1.3	-2.6
Percent Difference	-1.2%	0.3%	1.1%	1.4%	0.7%	0.1%	0.9%	0.7%	-0.8%	-2.0%	-2.1%	-3.9%

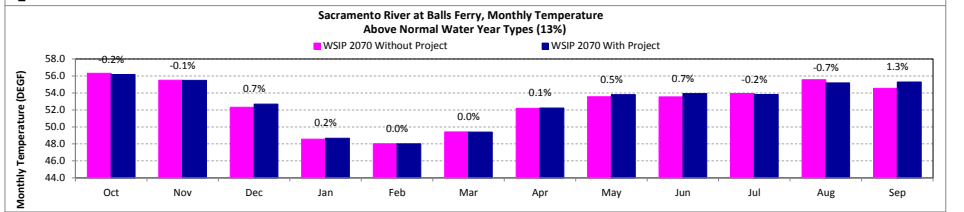
1 Based on the 82-year simulation period

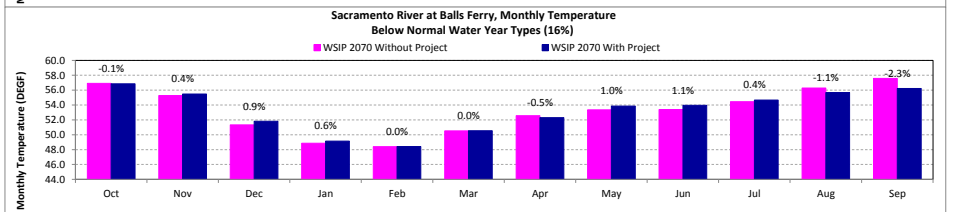
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

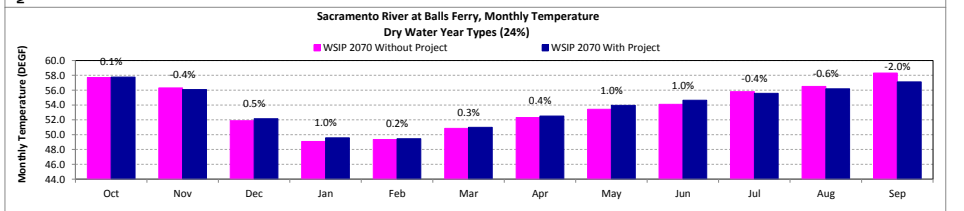
3 Relative difference of the monthly average











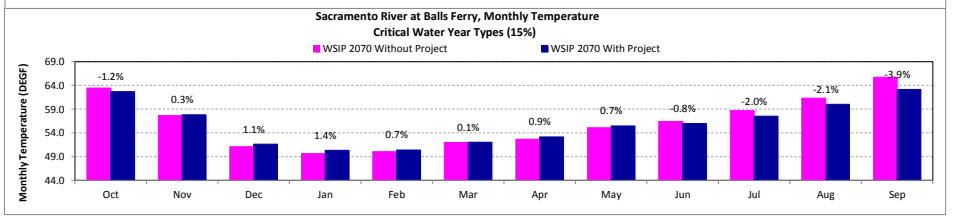


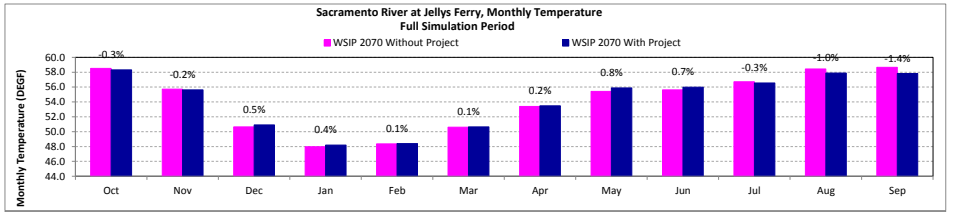
Table SQ5-1a
Sacramento River at Jellys Ferry, Monthly Temperature
Long-term Average and Average by Water Year Type

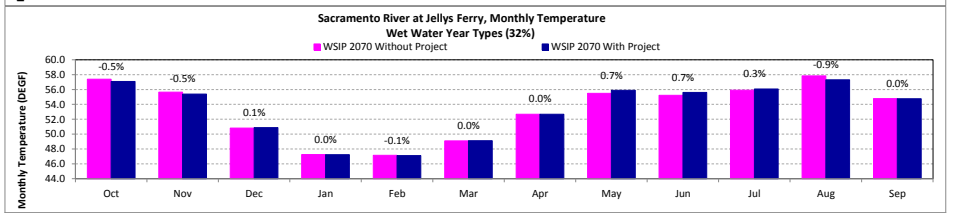
Analysis Period	Monthly Temperature (DEGF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	58.5	55.7	50.7	48.0	48.3	50.6	53.4	55.4	55.6	56.7	58.4	58.7
WSIP 2070 With Project	58.3	55.6	50.9	48.2	48.4	50.6	53.5	55.9	56.0	56.6	57.9	57.8
Difference	-0.2	-0.1	0.3	0.2	0.1	0.0	0.1	0.5	0.4	-0.2	-0.6	-0.8
Percent Difference[3]	-0.3%	-0.2%	0.5%	0.4%	0.1%	0.1%	0.2%	0.8%	0.7%	-0.3%	-1.0%	-1.4%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	57.4	55.7	50.8	47.2	47.1	49.1	52.7	55.5	55.2	55.9	57.8	54.8
WSIP 2070 With Project	57.1	55.4	50.9	47.2	47.1	49.1	52.7	55.9	55.6	56.1	57.3	54.8
Difference	-0.3	-0.3	0.1	0.0	0.0	0.0	0.0	0.4	0.4	0.2	-0.5	0.0
Percent Difference	-0.5%	-0.5%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.7%	0.7%	0.3%	-0.9%	0.0%
Above Normal (13%)												
WSIP 2070 Without Project	56.9	55.2	51.2	47.7	47.9	50.0	53.6	55.4	55.3	55.4	57.2	55.8
WSIP 2070 With Project	56.8	55.2	51.6	47.8	47.9	50.0	53.7	55.7	55.8	55.2	56.8	56.7
Difference	-0.1	0.0	0.4	0.1	0.0	0.0	0.1	0.3	0.5	-0.2	-0.4	0.9
Percent Difference	-0.2%	0.0%	0.8%	0.2%	0.0%	0.0%	0.1%	0.5%	0.9%	-0.4%	-0.8%	1.6%
Below Normal (16%)												
WSIP 2070 Without Project	57.6	54.8	50.2	48.1	48.4	51.2	53.9	55.1	55.0	55.8	57.8	59.4
WSIP 2070 With Project	57.6	55.0	50.7	48.3	48.4	51.2	53.7	55.6	55.6	55.9	57.2	57.9
Difference	-0.1	0.2	0.4	0.2	0.0	0.0	-0.2	0.5	0.6	0.2	-0.6	-1.6
Percent Difference	-0.1%	0.3%	0.9%	0.4%	0.0%	0.0%	-0.5%	1.0%	1.1%	0.3%	-1.1%	-2.6%
Dry (24%)												
WSIP 2070 Without Project	58.3	55.8	50.8	48.4	49.1	51.4	53.6	54.9	55.5	57.1	57.9	60.0
WSIP 2070 With Project	58.4	55.6	51.0	48.7	49.2	51.5	53.8	55.5	56.1	56.9	57.6	58.6
Difference	0.1	-0.2	0.2	0.4	0.1	0.1	0.2	0.5	0.6	-0.2	-0.3	-1.4
Percent Difference	0.2%	-0.4%	0.4%	0.8%	0.2%	0.2%	0.3%	1.0%	1.0%	-0.4%	-0.5%	-2.3%
Critical (15%)												
WSIP 2070 Without Project	63.6	57.1	50.1	49.0	50.1	52.6	53.8	56.5	57.7	60.0	62.5	66.6
WSIP 2070 With Project	62.9	57.2	50.5	49.5	50.4	52.6	54.3	57.0	57.3	58.9	61.3	64.2
Difference	-0.7	0.1	0.4	0.5	0.3	0.0	0.5	0.5	-0.3	-1.1	-1.1	-2.4
Percent Difference	-1.1%	0.2%	0.8%	1.1%	0.5%	0.1%	0.9%	0.9%	-0.6%	-1.9%	-1.8%	-3.6%

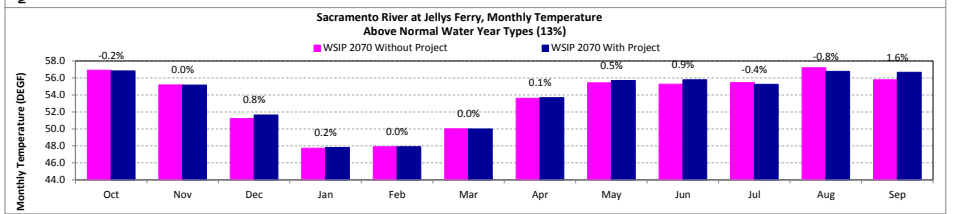
1 Based on the 82-year simulation period

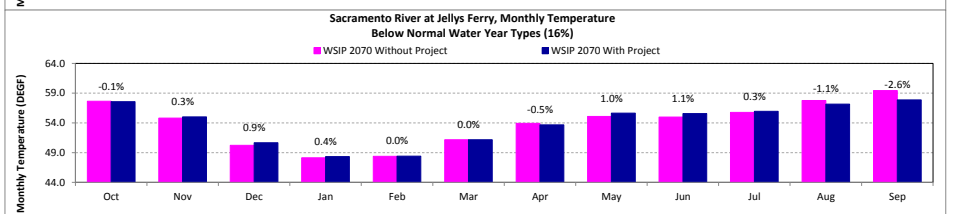
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

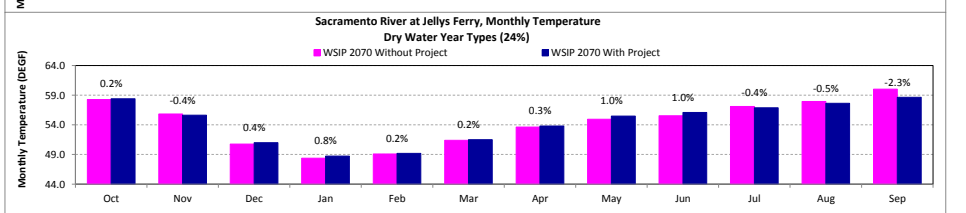
3 Relative difference of the monthly average











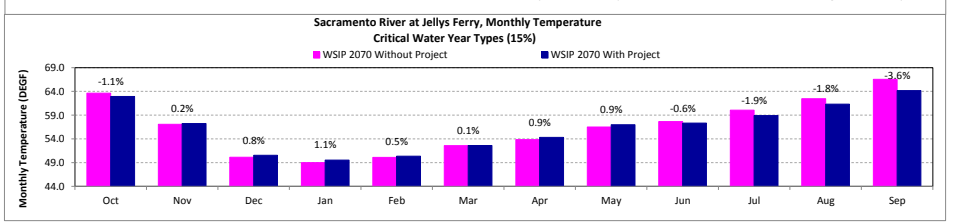


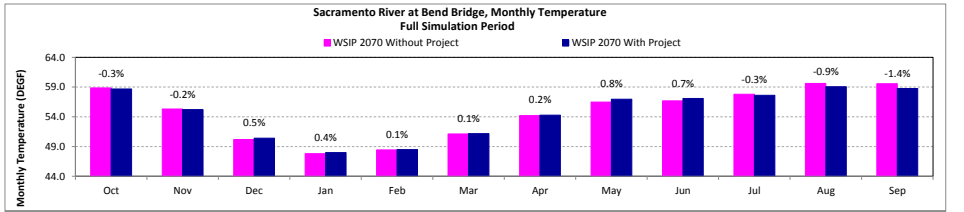
Table SQ6-1a
Sacramento River at Bend Bridge, Monthly Temperature
Long-term Average and Average by Water Year Type

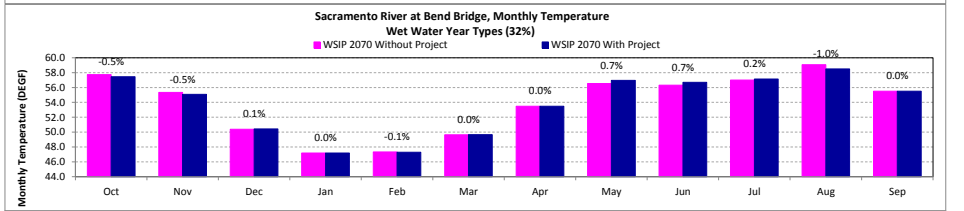
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEGF)											
	Long-term											
Full Simulation Period[1]												
WSIP 2070 Without Project	58.8	55.3	50.2	47.8	48.4	51.1	54.2	56.5	56.7	57.8	59.6	59.6
WSIP 2070 With Project	58.7	55.2	50.4	48.0	48.5	51.2	54.3	57.0	57.1	57.6	59.1	58.8
Difference	-0.2	-0.1	0.2	0.2	0.0	0.0	0.1	0.5	0.4	-0.2	-0.6	-0.8
Percent Difference[3]	-0.3%	-0.2%	0.5%	0.4%	0.1%	0.1%	0.2%	0.8%	0.7%	-0.3%	-0.9%	-1.4%
	Water Year Types[2]											
Wet (32%)												
WSIP 2070 Without Project	57.7	55.3	50.4	47.2	47.3	49.6	53.5	56.5	56.3	57.0	59.1	55.5
WSIP 2070 With Project	57.4	55.1	50.4	47.2	47.3	49.7	53.5	57.0	56.7	57.1	58.5	55.5
Difference	-0.3	-0.3	0.1	0.0	0.0	0.0	0.0	0.4	0.4	0.1	-0.6	0.0
Percent Difference	-0.5%	-0.5%	0.1%	0.0%	-0.1%	0.0%	0.0%	0.7%	0.7%	0.2%	-1.0%	0.0%
Above Normal (13%)												
WSIP 2070 Without Project	57.3	54.9	50.6	47.6	48.0	50.6	54.5	56.6	56.4	56.5	58.5	56.7
WSIP 2070 With Project	57.3	54.9	51.1	47.7	48.0	50.5	54.5	56.8	57.0	56.3	58.0	57.7
Difference	-0.1	0.0	0.4	0.1	0.0	0.0	0.1	0.3	0.6	-0.2	-0.5	1.0
Percent Difference	-0.1%	0.0%	0.8%	0.2%	0.0%	0.0%	0.1%	0.5%	1.0%	-0.4%	-0.8%	1.7%
Below Normal (16%)												
WSIP 2070 Without Project	58.1	54.3	49.7	47.9	48.5	51.7	54.7	56.2	56.1	56.8	59.0	60.7
WSIP 2070 With Project	58.0	54.5	50.1	48.0	48.5	51.7	54.5	56.7	56.7	57.0	58.4	59.1
Difference	-0.1	0.2	0.4	0.2	0.0	0.0	-0.2	0.5	0.6	0.2	-0.6	-1.6
Percent Difference	-0.1%	0.3%	0.8%	0.3%	0.0%	0.0%	-0.4%	0.9%	1.1%	0.3%	-1.1%	-2.7%
Dry (24%)												
WSIP 2070 Without Project	58.6	55.4	50.2	48.1	49.2	51.9	54.4	56.0	56.6	58.2	59.1	61.2
WSIP 2070 With Project	58.8	55.2	50.4	48.5	49.2	52.0	54.5	56.5	57.1	58.0	58.9	59.7
Difference	0.1	-0.2	0.2	0.3	0.1	0.1	0.2	0.5	0.6	-0.2	-0.3	-1.5
Percent Difference	0.2%	-0.4%	0.4%	0.7%	0.2%	0.2%	0.3%	0.9%	1.0%	-0.4%	-0.5%	-2.4%
Critical (15%)												
WSIP 2070 Without Project	63.8	56.4	49.8	48.7	50.1	53.0	54.6	57.4	58.6	61.1	63.3	67.1
WSIP 2070 With Project	63.1	56.6	50.1	49.2	50.3	53.0	55.1	58.0	58.3	60.0	62.3	64.9
Difference	-0.7	0.1	0.4	0.5	0.2	0.0	0.5	0.5	-0.3	-1.1	-1.0	-2.2
Percent Difference	-1.0%	0.2%	0.7%	1.0%	0.4%	0.0%	0.9%	0.9%	-0.5%	-1.8%	-1.6%	-3.3%

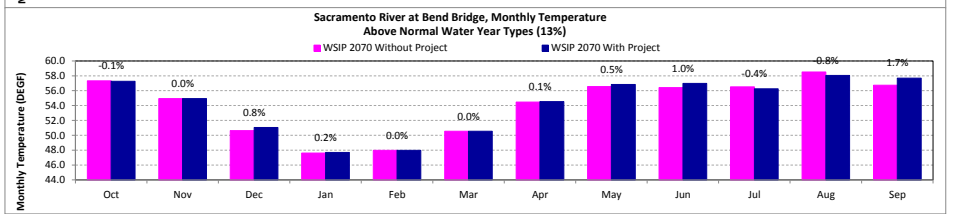
1 Based on the 82-year simulation period

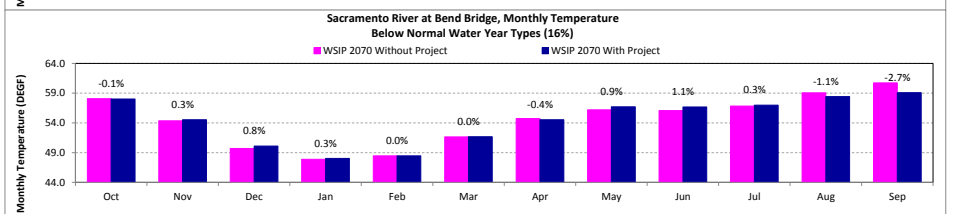
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

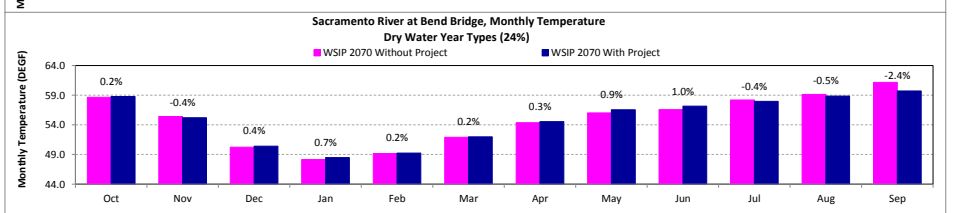
3 Relative difference of the monthly average











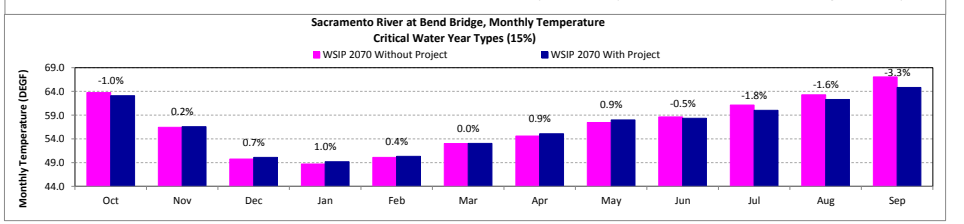


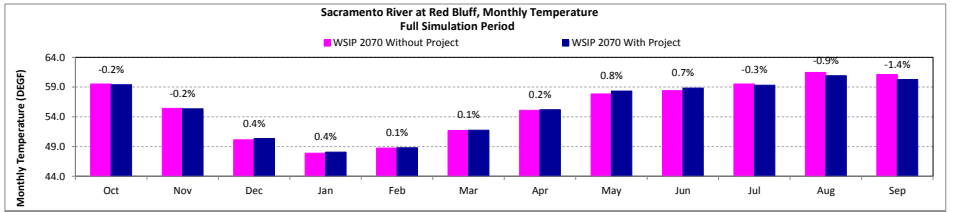
Table SQ7-1a
Sacramento River at Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

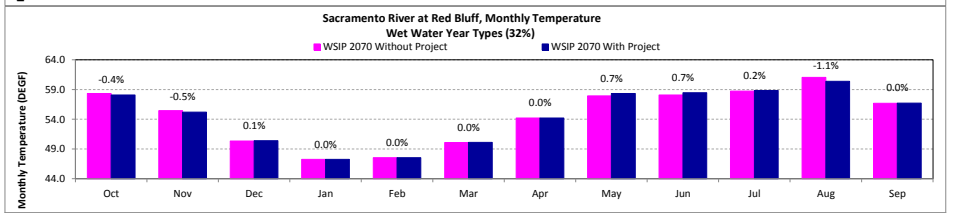
Analysis Period	Monthly Temperature (DEGF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	59.5	55.4	50.1	47.9	48.7	51.7	55.1	57.8	58.4	59.5	61.5	61.1
WSIP 2070 With Project	59.4	55.3	50.4	48.1	48.8	51.7	55.2	58.3	58.8	59.3	60.9	60.3
Difference	-0.1	-0.1	0.2	0.2	0.1	0.0	0.1	0.5	0.4	-0.2	-0.6	-0.8
Percent Difference[3]	-0.2%	-0.2%	0.4%	0.4%	0.1%	0.1%	0.2%	0.8%	0.7%	-0.3%	-0.9%	-1.4%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	58.3	55.4	50.3	47.3	47.5	50.1	54.2	57.9	58.1	58.7	61.0	56.7
WSIP 2070 With Project	58.1	55.2	50.4	47.2	47.5	50.1	54.2	58.3	58.5	58.8	60.4	56.7
Difference	-0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.1	-0.7	0.0
Percent Difference	-0.4%	-0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.2%	-1.1%	0.0%
Above Normal (13%)												
WSIP 2070 Without Project	58.0	55.0	50.6	47.7	48.2	51.0	55.3	57.9	58.1	58.2	60.4	58.2
WSIP 2070 With Project	58.0	55.0	51.0	47.7	48.2	51.1	55.4	58.2	58.8	57.9	59.9	59.2
Difference	0.0	0.0	0.4	0.1	0.0	0.0	0.1	0.3	0.7	-0.3	-0.5	1.1
Percent Difference	0.0%	0.0%	0.8%	0.2%	0.0%	0.1%	0.1%	0.5%	1.2%	-0.6%	-0.9%	1.8%
Below Normal (16%)												
WSIP 2070 Without Project	58.9	54.5	49.7	48.0	48.8	52.3	55.7	57.6	57.8	58.5	60.9	62.7
WSIP 2070 With Project	58.8	54.6	50.1	48.1	48.8	52.3	55.5	58.1	58.4	58.6	60.3	60.9
Difference	-0.1	0.2	0.4	0.1	0.0	0.0	-0.2	0.5	0.6	0.1	-0.6	-1.8
Percent Difference	-0.2%	0.3%	0.8%	0.3%	0.0%	0.1%	-0.4%	0.9%	1.1%	0.2%	-1.0%	-2.9%
Dry (24%)												
WSIP 2070 Without Project	59.4	55.5	50.2	48.2	49.5	52.6	55.4	57.3	58.2	59.9	60.9	63.1
WSIP 2070 With Project	59.5	55.3	50.3	48.5	49.6	52.7	55.5	57.9	58.8	59.7	60.7	61.5
Difference	0.2	-0.2	0.2	0.3	0.1	0.1	0.2	0.5	0.6	-0.2	-0.2	-1.6
Percent Difference	0.3%	-0.3%	0.3%	0.6%	0.2%	0.2%	0.3%	0.9%	1.0%	-0.3%	-0.4%	-2.5%
Critical (15%)												
WSIP 2070 Without Project	64.3	56.6	49.8	48.8	50.6	53.8	55.6	58.8	60.2	62.9	64.9	68.4
WSIP 2070 With Project	63.7	56.7	50.1	49.3	50.8	53.8	56.2	59.4	60.1	61.9	64.1	66.3
Difference	-0.6	0.1	0.3	0.4	0.2	0.0	0.5	0.6	-0.2	-1.0	-0.8	-2.1
Percent Difference	-0.9%	0.2%	0.6%	0.9%	0.4%	0.0%	0.9%	1.1%	-0.3%	-1.6%	-1.3%	-3.1%

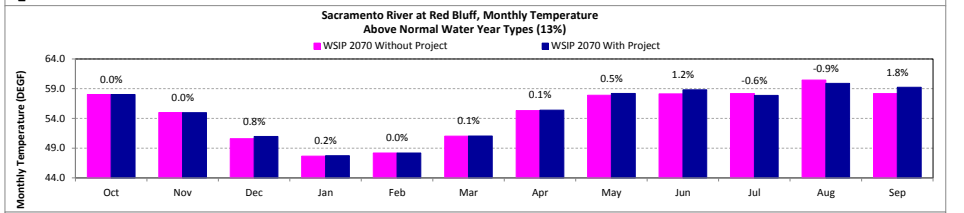
1 Based on the 82-year simulation period

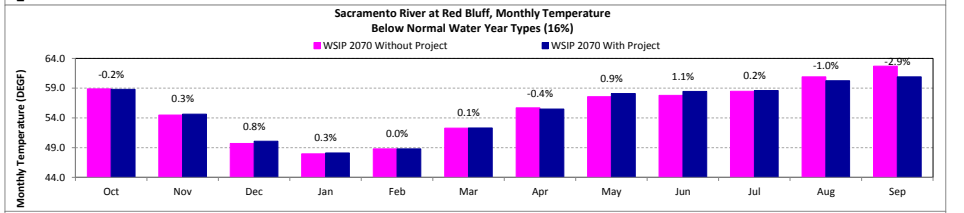
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

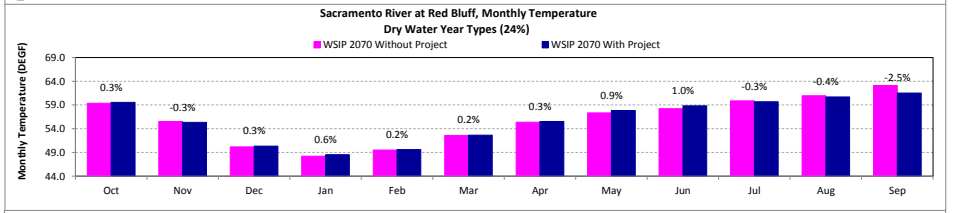
3 Relative difference of the monthly average











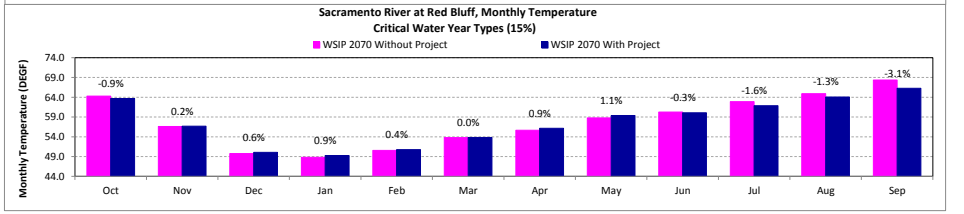


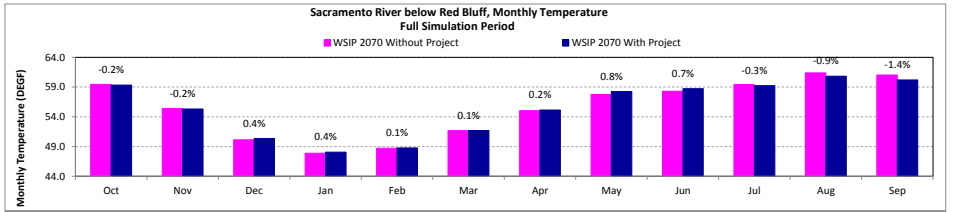
Table SQ8-1a
Sacramento River below Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

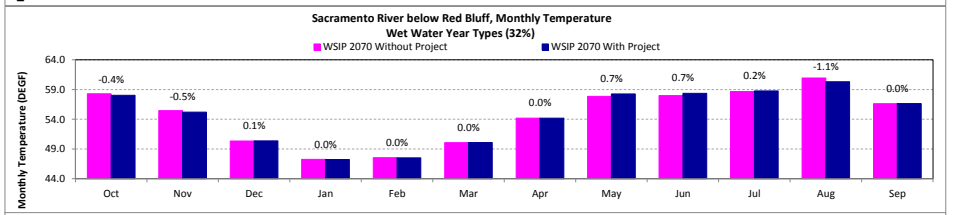
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEGF)											
	Long-term											
Full Simulation Period[1]												
WSIP 2070 Without Project	59.5	55.4	50.1	47.9	48.7	51.7	55.0	57.8	58.3	59.4	61.4	61.0
WSIP 2070 With Project	59.3	55.3	50.3	48.0	48.8	51.7	55.1	58.2	58.7	59.2	60.8	60.2
Difference	-0.1	-0.1	0.2	0.2	0.0	0.0	0.1	0.5	0.4	-0.2	-0.6	-0.8
Percent Difference[3]	-0.2%	-0.2%	0.4%	0.4%	0.1%	0.1%	0.2%	0.8%	0.7%	-0.3%	-0.9%	-1.4%
	Water Year Types[2]											
Wet (32%)												
WSIP 2070 Without Project	58.3	55.4	50.3	47.2	47.5	50.1	54.2	57.8	58.0	58.7	60.9	56.6
WSIP 2070 With Project	58.0	55.2	50.4	47.2	47.5	50.1	54.2	58.3	58.4	58.8	60.3	56.6
Difference	-0.3	-0.3	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.1	-0.6	0.0
Percent Difference	-0.4%	-0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.7%	0.7%	0.2%	-1.1%	0.0%
Above Normal (13%)												
WSIP 2070 Without Project	58.0	55.0	50.6	47.6	48.2	51.0	55.3	57.8	58.0	58.1	60.3	58.1
WSIP 2070 With Project	58.0	55.0	51.0	47.7	48.2	51.0	55.3	58.1	58.7	57.8	59.8	59.2
Difference	0.0	0.0	0.4	0.1	0.0	0.0	0.1	0.3	0.7	-0.3	-0.5	1.1
Percent Difference	0.0%	0.0%	0.8%	0.2%	0.0%	0.0%	0.1%	0.5%	1.2%	-0.5%	-0.9%	1.8%
Below Normal (16%)												
WSIP 2070 Without Project	58.8	54.5	49.7	47.9	48.8	52.2	55.6	57.5	57.7	58.4	60.8	62.6
WSIP 2070 With Project	58.8	54.6	50.1	48.1	48.8	52.3	55.4	58.0	58.4	58.5	60.2	60.8
Difference	-0.1	0.2	0.4	0.1	0.0	0.0	-0.2	0.5	0.6	0.1	-0.6	-1.8
Percent Difference	-0.1%	0.3%	0.8%	0.3%	0.0%	0.1%	-0.4%	0.9%	1.1%	0.2%	-1.0%	-2.9%
Dry (24%)												
WSIP 2070 Without Project	59.3	55.5	50.2	48.2	49.5	52.5	55.3	57.2	58.1	59.8	60.9	63.0
WSIP 2070 With Project	59.5	55.3	50.3	48.5	49.6	52.6	55.5	57.8	58.7	59.6	60.6	61.4
Difference	0.2	-0.2	0.2	0.3	0.1	0.1	0.2	0.5	0.6	-0.2	-0.2	-1.6
Percent Difference	0.3%	-0.3%	0.3%	0.6%	0.2%	0.2%	0.3%	0.9%	1.0%	-0.3%	-0.4%	-2.5%
Critical (15%)												
WSIP 2070 Without Project	64.2	56.6	49.8	48.8	50.5	53.8	55.6	58.7	60.2	62.8	64.8	68.3
WSIP 2070 With Project	63.7	56.7	50.1	49.3	50.7	53.8	56.1	59.3	60.0	61.8	64.0	66.2
Difference	-0.6	0.1	0.3	0.4	0.2	0.0	0.5	0.6	-0.2	-1.0	-0.8	-2.1
Percent Difference	-0.9%	0.2%	0.6%	0.9%	0.3%	0.0%	0.9%	1.0%	-0.3%	-1.6%	-1.3%	-3.1%

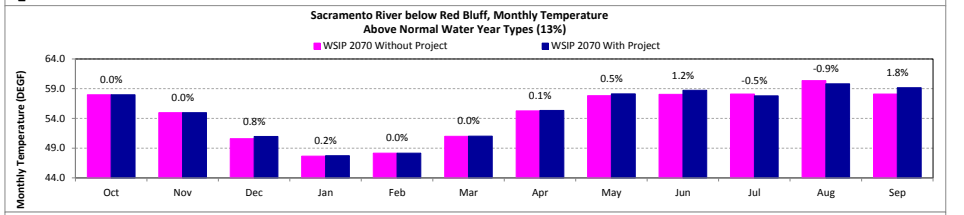
1 Based on the 82-year simulation period

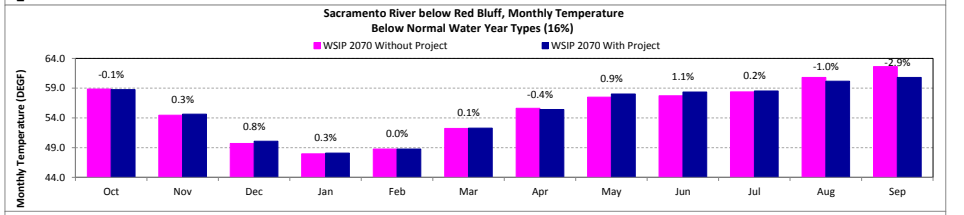
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

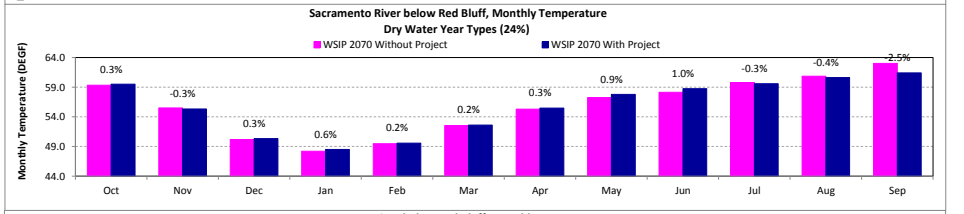
3 Relative difference of the monthly average











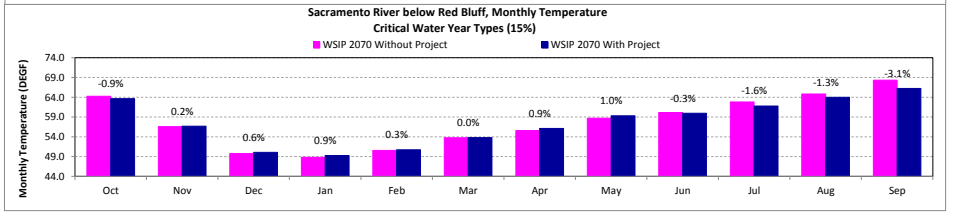


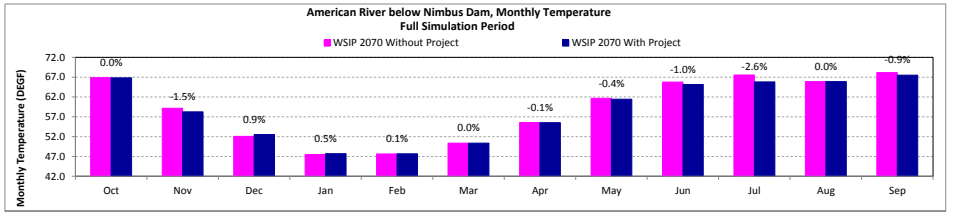
Table SQ9-1a
American River below Nimbus Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

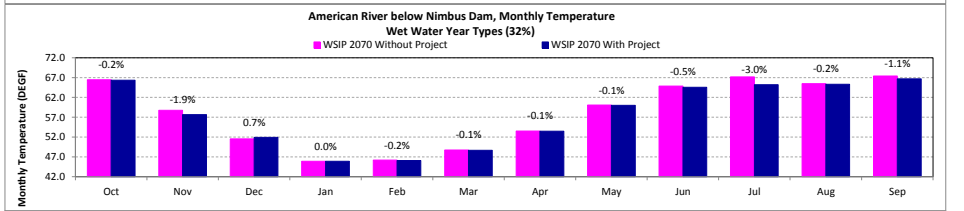
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEGF)											
	Long-term											
Full Simulation Period[1]												
WSIP 2070 Without Project	66.9	59.2	52.1	47.5	47.6	50.4	55.6	61.7	65.8	67.6	65.9	68.2
WSIP 2070 With Project	66.8	58.3	52.5	47.7	47.7	50.4	55.5	61.4	65.2	65.8	65.9	67.5
Difference	0.0	-0.9	0.5	0.2	0.0	0.0	0.0	-0.2	-0.6	-1.7	0.0	-0.6
Percent Difference[3]	0.0%	-1.5%	0.9%	0.5%	0.1%	0.0%	-0.1%	-0.4%	-1.0%	-2.6%	0.0%	-0.9%
	Water Year Types[2]											
Wet (32%)												
WSIP 2070 Without Project	66.5	58.8	51.6	45.9	46.2	48.7	53.5	60.1	64.9	67.2	65.5	67.4
WSIP 2070 With Project	66.4	57.6	51.9	45.9	46.1	48.7	53.5	60.0	64.6	65.2	65.3	66.7
Difference	-0.1	-1.1	0.4	0.0	-0.1	-0.1	0.0	-0.1	-0.3	-2.0	-0.1	-0.7
Percent Difference	-0.2%	-1.9%	0.7%	0.0%	-0.2%	-0.1%	-0.1%	-0.1%	-0.5%	-3.0%	-0.2%	-1.1%
Above Normal (13%)												
WSIP 2070 Without Project	66.8	59.1	52.3	47.6	46.9	49.3	55.1	61.3	66.5	65.9	65.7	67.8
WSIP 2070 With Project	66.6	57.8	53.1	47.7	46.9	49.3	55.1	61.2	65.7	64.3	65.3	67.3
Difference	-0.1	-1.2	0.8	0.1	0.0	0.0	0.0	-0.1	-0.8	-1.6	-0.3	-0.5
Percent Difference	-0.2%	-2.1%	1.5%	0.3%	0.0%	0.0%	0.0%	-0.1%	-1.3%	-2.5%	-0.5%	-0.7%
Below Normal (16%)												
WSIP 2070 Without Project	66.9	59.0	52.5	47.9	47.6	49.9	55.6	61.3	65.7	66.8	65.7	68.0
WSIP 2070 With Project	66.9	58.1	53.1	48.2	47.7	50.0	55.5	61.2	65.2	65.3	65.6	67.5
Difference	0.0	-1.0	0.6	0.3	0.1	0.0	-0.1	-0.2	-0.6	-1.4	0.0	-0.6
Percent Difference	0.0%	-1.6%	1.2%	0.5%	0.3%	0.0%	-0.3%	-0.3%	-0.9%	-2.2%	-0.1%	-0.8%
Dry (24%)												
WSIP 2070 Without Project	67.0	59.6	52.0	48.2	48.4	51.3	56.8	62.6	65.3	67.6	65.7	68.3
WSIP 2070 With Project	67.1	58.8	52.4	48.6	48.5	51.3	56.9	62.2	64.4	66.1	66.2	67.8
Difference	0.1	-0.8	0.4	0.3	0.1	0.0	0.1	-0.4	-1.0	-1.5	0.5	-0.5
Percent Difference	0.2%	-1.3%	0.8%	0.7%	0.2%	0.0%	0.2%	-0.6%	-1.5%	-2.3%	0.8%	-0.8%
Critical (15%)												
WSIP 2070 Without Project	67.5	59.7	52.5	49.1	50.2	53.9	58.2	64.2	67.8	70.7	67.5	69.9
WSIP 2070 With Project	67.6	59.3	53.0	49.8	50.5	53.9	58.0	63.7	67.2	68.7	67.4	69.0
Difference	0.1	-0.4	0.5	0.7	0.2	0.1	-0.3	-0.5	-0.6	-2.0	-0.1	-0.8
Percent Difference	0.1%	-0.6%	0.9%	1.3%	0.5%	0.1%	-0.5%	-0.8%	-0.9%	-2.8%	-0.1%	-1.2%

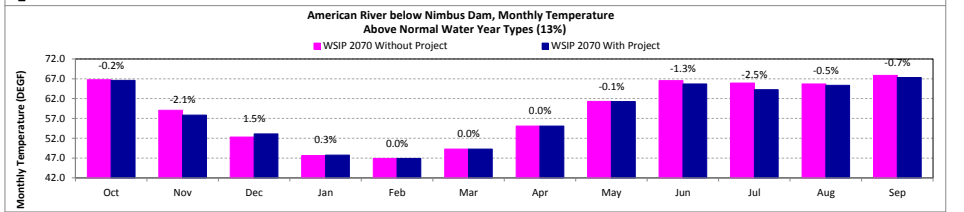
1 Based on the 82-year simulation period

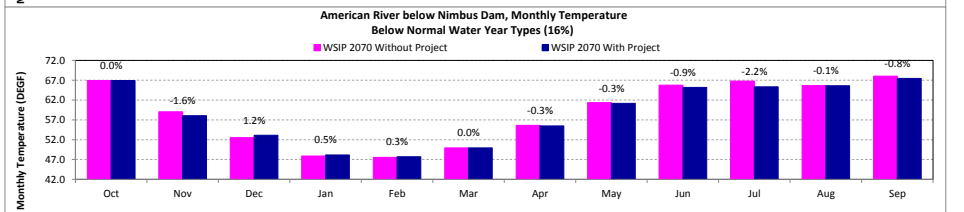
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

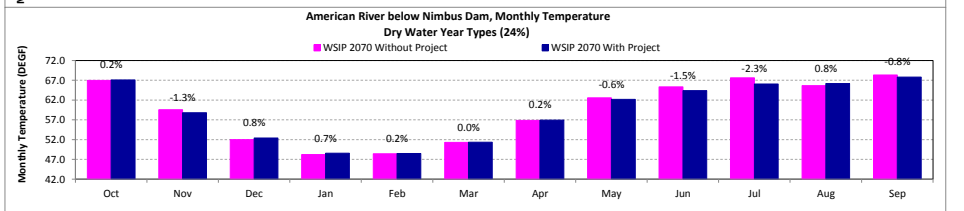
3 Relative difference of the monthly average











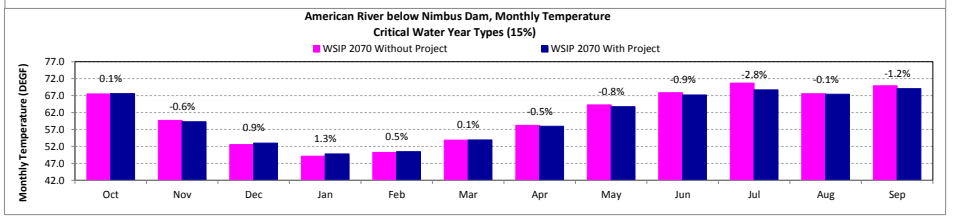


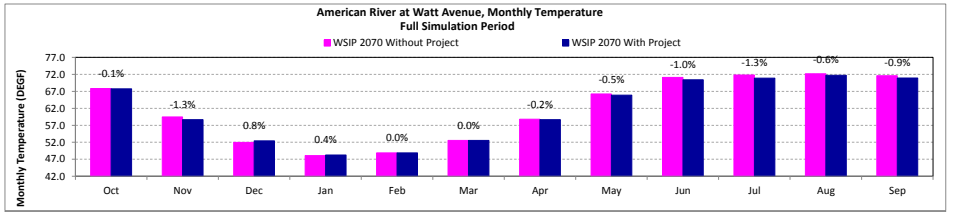
Table SQ10-1a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

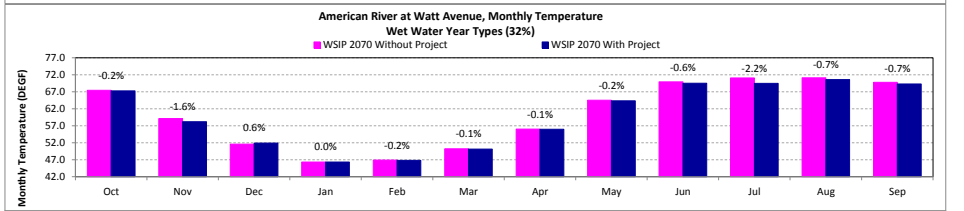
Analysis Period	Monthly Temperature (DEGF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	67.8	59.4	52.0	48.1	48.9	52.6	58.8	66.3	71.1	71.8	72.2	71.6
WSIP 2070 With Project	67.7	58.7	52.4	48.3	48.9	52.6	58.6	65.9	70.4	70.9	71.7	70.9
Difference	-0.1	-0.8	0.4	0.2	0.0	0.0	-0.1	-0.4	-0.7	-0.9	-0.4	-0.6
Percent Difference[3]	-0.1%	-1.3%	0.8%	0.4%	0.0%	0.0%	-0.2%	-0.5%	-1.0%	-1.3%	-0.6%	-0.9%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	67.4	59.1	51.6	46.3	46.9	50.2	56.0	64.5	69.9	71.0	71.1	69.8
WSIP 2070 With Project	67.3	58.2	51.9	46.3	46.8	50.1	56.0	64.3	69.5	69.5	70.6	69.3
Difference	-0.2	-0.9	0.3	0.0	-0.1	-0.1	-0.1	-0.2	-0.4	-1.6	-0.5	-0.5
Percent Difference	-0.2%	-1.6%	0.6%	0.0%	-0.2%	-0.1%	-0.1%	-0.2%	-0.6%	-2.2%	-0.7%	-0.7%
Above Normal (13%)												
WSIP 2070 Without Project	67.6	59.2	52.2	48.1	47.8	50.9	57.9	65.9	71.8	69.2	71.8	71.0
WSIP 2070 With Project	67.4	58.1	52.9	48.3	47.8	50.9	57.9	65.7	70.7	68.7	70.6	70.5
Difference	-0.2	-1.0	0.7	0.1	0.0	0.0	0.0	-0.2	-1.1	-0.5	-1.2	-0.5
Percent Difference	-0.3%	-1.8%	1.3%	0.3%	0.0%	0.0%	0.0%	-0.3%	-1.5%	-0.8%	-1.7%	-0.7%
Below Normal (16%)												
WSIP 2070 Without Project	67.7	59.1	52.4	48.4	48.7	51.7	59.0	66.0	71.2	70.5	71.8	71.7
WSIP 2070 With Project	67.6	58.3	52.9	48.6	48.8	51.7	58.7	65.6	70.5	70.1	71.1	70.9
Difference	-0.1	-0.8	0.5	0.2	0.1	0.0	-0.3	-0.4	-0.6	-0.4	-0.7	-0.8
Percent Difference	-0.1%	-1.4%	1.0%	0.4%	0.2%	0.0%	-0.5%	-0.6%	-0.9%	-0.6%	-1.0%	-1.1%
Dry (24%)												
WSIP 2070 Without Project	67.9	59.8	51.9	49.0	49.8	54.2	60.4	66.9	70.7	72.0	72.2	72.3
WSIP 2070 With Project	67.9	59.2	52.2	49.2	49.8	54.2	60.6	66.4	69.6	71.4	72.5	71.7
Difference	0.0	-0.7	0.3	0.2	0.1	0.0	0.2	-0.5	-1.1	-0.6	0.2	-0.6
Percent Difference	0.0%	-1.1%	0.7%	0.5%	0.2%	0.1%	0.3%	-0.7%	-1.5%	-0.8%	0.3%	-0.9%
Critical (15%)												
WSIP 2070 Without Project	69.0	60.1	52.5	49.9	52.7	57.5	62.7	69.6	73.6	77.0	75.1	74.6
WSIP 2070 With Project	68.9	59.8	52.9	50.4	52.8	57.5	61.9	68.8	73.2	75.8	74.6	73.6
Difference	-0.1	-0.3	0.4	0.5	0.1	0.0	-0.8	-0.8	-0.4	-1.1	-0.5	-1.0
Percent Difference	-0.1%	-0.4%	0.7%	1.0%	0.2%	0.0%	-1.2%	-1.1%	-0.6%	-1.5%	-0.7%	-1.3%

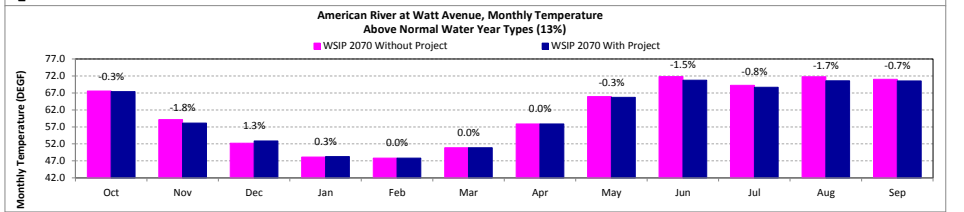
1 Based on the 82-year simulation period

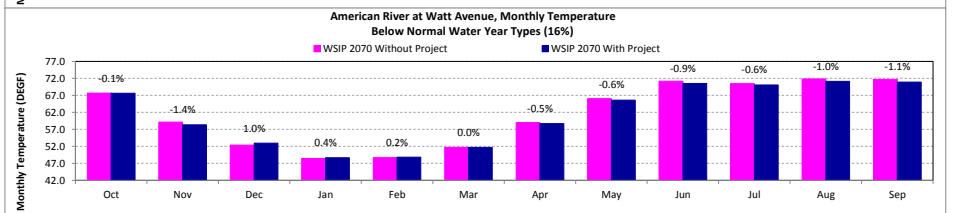
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

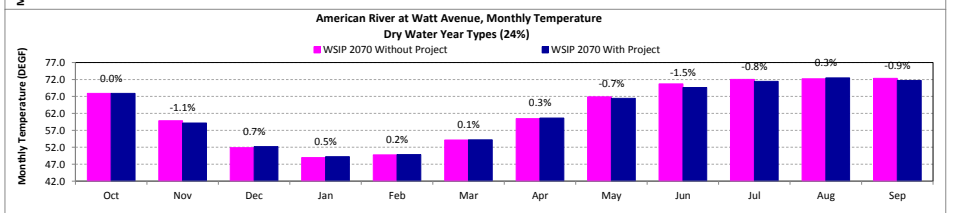
3 Relative difference of the monthly average











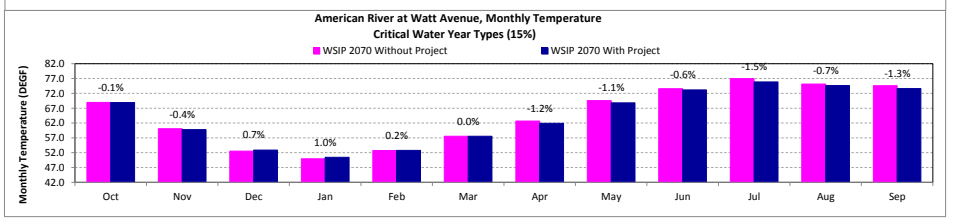


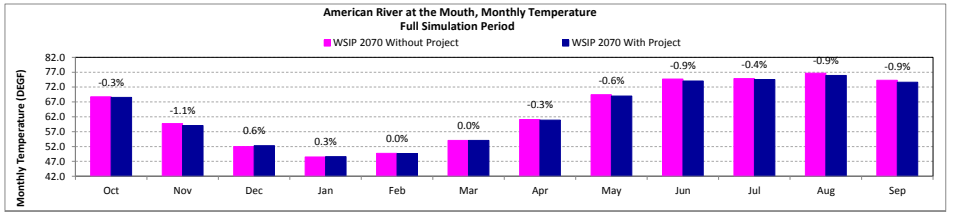
Table SQ11-1a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

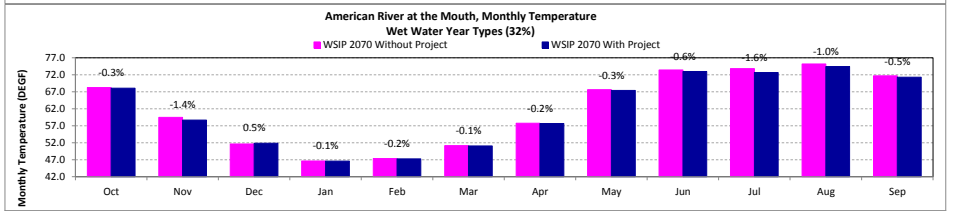
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEGF)											
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	68.7	59.7	52.0	48.5	49.7	54.1	61.1	69.4	74.7	74.8	76.7	74.3
WSIP 2070 With Project	68.5	59.1	52.3	48.6	49.7	54.1	60.9	69.0	74.0	74.5	75.9	73.6
Difference	-0.2	-0.7	0.3	0.1	0.0	0.0	-0.2	-0.4	-0.7	-0.3	-0.7	-0.7
Percent Difference[3]	-0.3%	-1.1%	0.6%	0.3%	0.0%	0.0%	-0.3%	-0.6%	-0.9%	-0.4%	-0.9%	-0.9%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	68.2	59.5	51.6	46.6	47.3	51.1	57.8	67.6	73.4	73.8	75.2	71.7
WSIP 2070 With Project	68.0	58.7	51.9	46.6	47.3	51.1	57.7	67.4	73.0	72.7	74.4	71.3
Difference	-0.2	-0.8	0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.4	-1.2	-0.8	-0.4
Percent Difference	-0.3%	-1.4%	0.5%	-0.1%	-0.2%	-0.1%	-0.2%	-0.3%	-0.6%	-1.6%	-1.0%	-0.5%
Above Normal (13%)												
WSIP 2070 Without Project	68.3	59.3	52.1	48.5	48.4	51.9	59.8	69.1	75.4	71.6	76.1	73.5
WSIP 2070 With Project	68.1	58.4	52.7	48.6	48.4	51.9	59.8	68.8	74.2	72.0	74.3	73.0
Difference	-0.2	-0.9	0.6	0.1	0.0	0.0	0.0	-0.3	-1.2	0.4	-1.7	-0.5
Percent Difference	-0.3%	-1.5%	1.1%	0.3%	-0.1%	0.0%	0.0%	-0.4%	-1.6%	0.6%	-2.3%	-0.7%
Below Normal (16%)												
WSIP 2070 Without Project	68.4	59.3	52.3	48.8	49.5	52.9	61.4	69.3	75.0	73.3	76.3	74.7
WSIP 2070 With Project	68.2	58.6	52.8	49.0	49.6	52.9	61.0	68.8	74.3	73.6	75.2	73.6
Difference	-0.2	-0.7	0.5	0.2	0.1	0.0	-0.4	-0.6	-0.7	0.4	-1.1	-1.0
Percent Difference	-0.2%	-1.2%	0.9%	0.4%	0.2%	0.0%	-0.7%	-0.8%	-0.9%	0.5%	-1.5%	-1.4%
Dry (24%)												
WSIP 2070 Without Project	68.8	60.1	51.8	49.5	50.7	56.1	63.0	69.9	74.4	75.3	76.9	75.5
WSIP 2070 With Project	68.6	59.6	52.1	49.6	50.8	56.2	63.2	69.4	73.3	75.3	77.0	74.8
Difference	-0.1	-0.6	0.3	0.2	0.1	0.1	0.2	-0.5	-1.1	0.0	0.1	-0.7
Percent Difference	-0.2%	-1.0%	0.5%	0.3%	0.1%	0.1%	0.4%	-0.7%	-1.4%	0.0%	0.1%	-0.9%
Critical (15%)												
WSIP 2070 Without Project	70.4	60.5	52.5	50.6	54.4	60.2	65.8	73.0	77.3	81.1	80.3	78.3
WSIP 2070 With Project	70.2	60.3	52.8	50.9	54.4	60.1	64.8	72.2	77.0	80.6	79.7	77.3
Difference	-0.2	-0.2	0.3	0.4	0.0	-0.1	-1.0	-0.8	-0.2	-0.5	-0.6	-1.0
Percent Difference	-0.3%	-0.3%	0.5%	0.7%	-0.1%	-0.1%	-1.6%	-1.2%	-0.3%	-0.6%	-0.7%	-1.3%

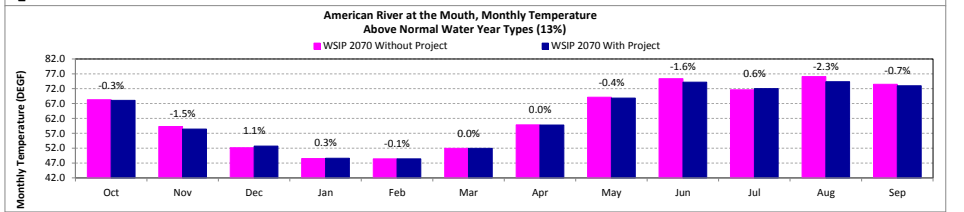
1 Based on the 82-year simulation period

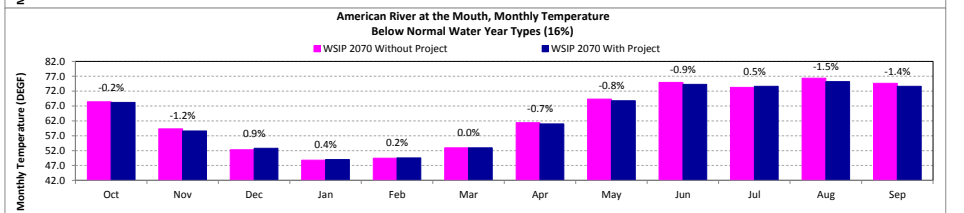
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

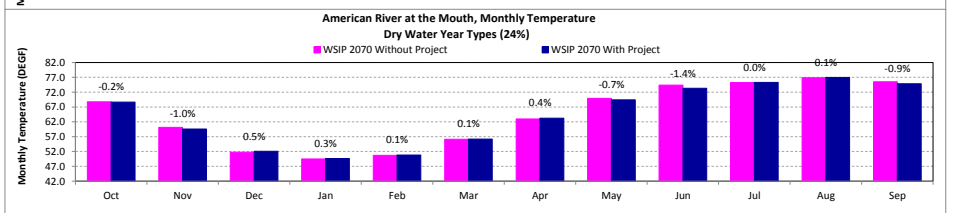
3 Relative difference of the monthly average











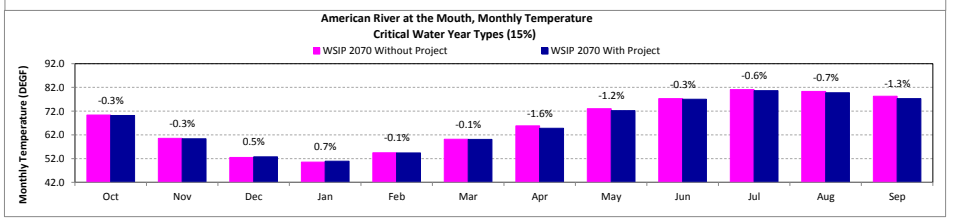


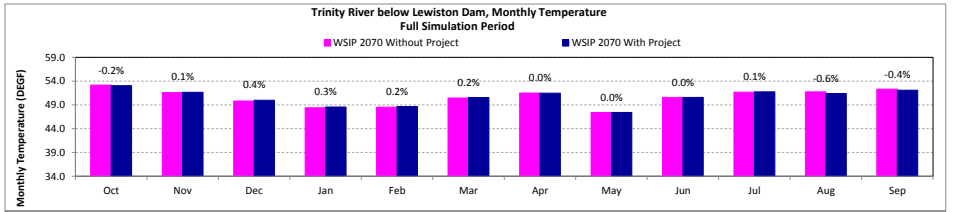
Table SQ12-1a
Trinity River below Lewiston Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

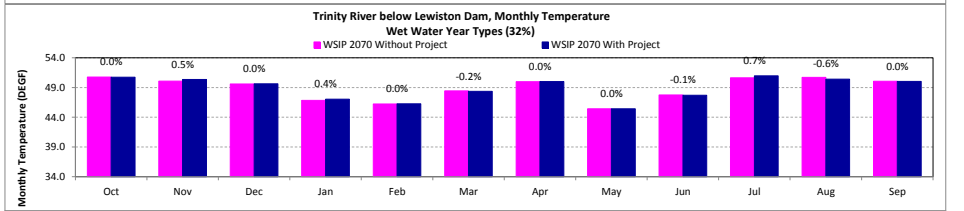
Analysis Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Monthly Temperature (DEGF)											
	Long-term											
Full Simulation Period[1]												
WSIP 2070 Without Project	53.2	51.6	49.8	48.4	48.5	50.5	51.5	47.4	50.6	51.7	51.7	52.3
WSIP 2070 With Project	53.1	51.7	50.0	48.5	48.6	50.5	51.5	47.4	50.6	51.8	51.4	52.1
Difference	-0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.1	-0.3	-0.2
Percent Difference[3]	-0.2%	0.1%	0.4%	0.3%	0.2%	0.2%	0.0%	0.0%	0.0%	0.1%	-0.6%	-0.4%
	Water Year Types[2]											
Wet (32%)												
WSIP 2070 Without Project	50.8	50.1	49.6	46.8	46.2	48.4	50.0	45.4	47.7	50.6	50.7	50.1
WSIP 2070 With Project	50.7	50.3	49.6	47.0	46.2	48.3	50.0	45.4	47.7	51.0	50.4	50.0
Difference	0.0	0.3	0.0	0.2	0.0	-0.1	0.0	0.0	-0.1	0.3	-0.3	0.0
Percent Difference	0.0%	0.5%	0.0%	0.4%	0.0%	-0.2%	0.0%	0.0%	-0.1%	0.7%	-0.6%	0.0%
Above Normal (13%)												
WSIP 2070 Without Project	51.0	50.0	49.9	47.3	47.7	49.5	51.4	45.6	49.1	50.9	51.1	50.6
WSIP 2070 With Project	50.9	50.2	49.8	47.4	47.9	49.8	51.5	45.7	48.9	50.9	50.8	50.3
Difference	-0.1	0.2	-0.1	0.1	0.2	0.3	0.0	0.1	-0.2	0.0	-0.4	-0.3
Percent Difference	-0.2%	0.5%	-0.2%	0.2%	0.4%	0.6%	0.0%	0.1%	-0.4%	0.0%	-0.8%	-0.6%
Below Normal (16%)												
WSIP 2070 Without Project	53.3	51.9	49.3	48.9	49.2	51.6	52.1	47.6	51.3	51.2	51.1	51.7
WSIP 2070 With Project	53.5	51.5	48.9	48.8	49.2	51.4	52.1	47.6	51.4	51.4	51.0	51.6
Difference	0.2	-0.4	-0.4	-0.1	0.0	-0.1	-0.1	0.0	0.1	0.2	-0.1	-0.1
Percent Difference	0.3%	-0.7%	-0.8%	-0.2%	0.1%	-0.3%	-0.1%	0.1%	0.2%	0.4%	-0.3%	-0.2%
Dry (24%)												
WSIP 2070 Without Project	55.0	53.0	49.8	49.5	50.0	51.7	52.5	48.7	51.9	51.8	52.4	53.8
WSIP 2070 With Project	54.9	53.0	50.1	49.7	50.2	52.0	52.5	48.7	51.8	51.7	52.2	53.4
Difference	-0.1	0.0	0.4	0.2	0.3	0.2	-0.1	0.0	-0.1	-0.1	-0.2	-0.4
Percent Difference	-0.1%	-0.1%	0.7%	0.4%	0.5%	0.5%	-0.1%	0.0%	-0.1%	-0.2%	-0.3%	-0.7%
Critical (15%)												
WSIP 2070 Without Project	56.9	53.5	50.8	50.4	51.1	52.4	52.3	51.0	55.0	55.1	54.1	56.9
WSIP 2070 With Project	56.3	53.7	51.9	50.7	51.2	52.6	52.4	50.9	55.3	54.8	53.3	56.4
Difference	-0.6	0.2	1.0	0.3	0.1	0.3	0.0	-0.1	0.3	-0.4	-0.8	-0.5
Percent Difference	-1.1%	0.3%	2.1%	0.5%	0.3%	0.5%	0.1%	-0.1%	0.5%	-0.7%	-1.4%	-0.8%

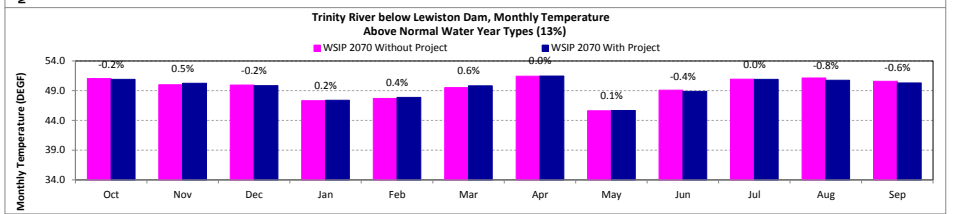
1 Based on the 82-year simulation period

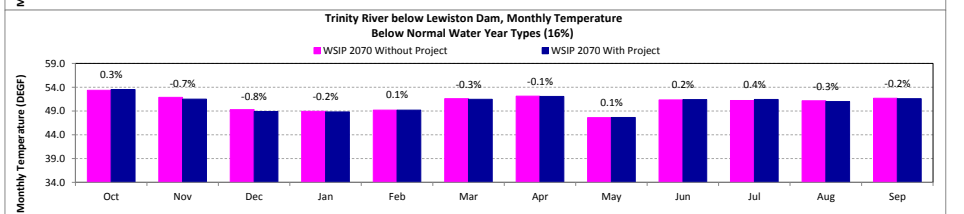
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

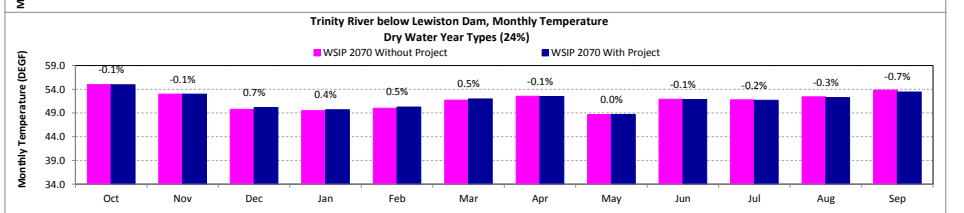
3 Relative difference of the monthly average











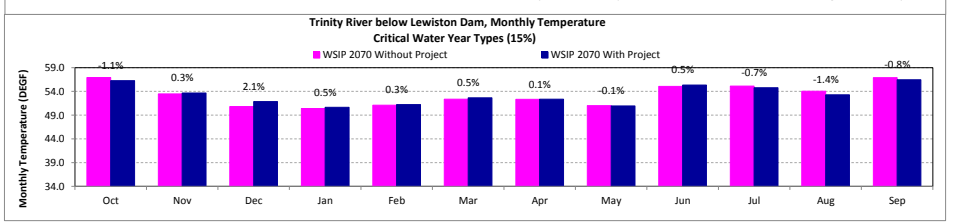


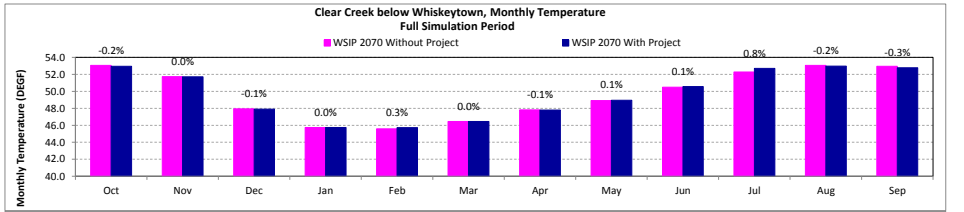
Table SQ13-1a
Clear Creek below Whiskeytown, Monthly Temperature
Long-term Average and Average by Water Year Type

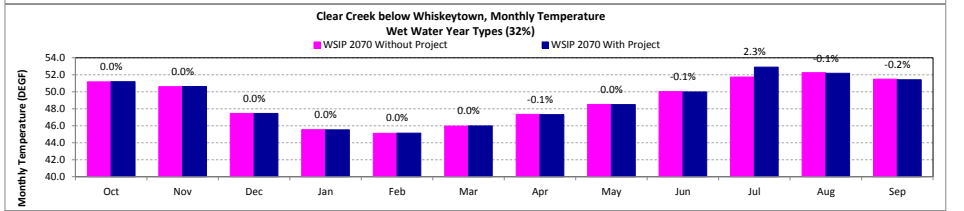
Analysis Period	Monthly Temperature (DEGF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	53.1	51.7	47.9	45.7	45.6	46.5	47.8	48.9	50.5	52.3	53.1	53.0
WSIP 2070 With Project	52.9	51.7	47.9	45.7	45.7	46.4	47.8	49.0	50.6	52.7	53.0	52.8
Difference	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.4	-0.1	-0.2
Percent Difference[3]	-0.2%	0.0%	-0.1%	0.0%	0.3%	0.0%	-0.1%	0.1%	0.1%	0.8%	-0.2%	-0.3%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	51.2	50.6	47.4	45.5	45.1	46.0	47.3	48.5	50.0	51.7	52.2	51.5
WSIP 2070 With Project	51.2	50.6	47.5	45.5	45.1	46.0	47.3	48.5	50.0	52.9	52.2	51.4
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	-0.1	-0.1
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	2.3%	-0.1%	-0.2%
Above Normal (13%)												
WSIP 2070 Without Project	51.7	50.8	47.5	45.7	45.4	46.0	47.4	48.5	49.9	51.7	52.1	51.6
WSIP 2070 With Project	51.5	50.7	47.5	45.7	45.4	46.0	47.3	48.4	49.7	51.5	51.9	51.4
Difference	-0.2	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.3	-0.2
Percent Difference	-0.4%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%	-0.2%	-0.3%	-0.3%	-0.5%	-0.4%
Below Normal (16%)												
WSIP 2070 Without Project	52.8	51.5	47.6	45.2	45.0	46.1	47.5	48.5	50.1	52.0	52.7	52.4
WSIP 2070 With Project	52.7	51.6	47.5	45.2	45.0	46.1	47.5	48.5	50.2	52.2	52.6	52.4
Difference	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	-0.1
Percent Difference	-0.2%	0.1%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.3%	0.3%	-0.2%	-0.1%
Dry (24%)												
WSIP 2070 Without Project	54.2	52.6	48.4	45.6	45.9	46.8	48.1	49.1	50.8	52.6	53.5	53.7
WSIP 2070 With Project	54.1	52.6	48.3	45.6	45.8	46.8	48.1	49.2	50.9	52.8	53.5	53.6
Difference	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	-0.1
Percent Difference	-0.2%	0.0%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%	0.1%	-0.2%
Critical (15%)												
WSIP 2070 Without Project	56.6	53.7	48.9	47.0	46.9	47.8	49.2	50.3	52.1	53.7	55.4	56.7
WSIP 2070 With Project	56.3	53.6	48.9	47.1	47.9	47.7	49.1	50.6	52.5	53.7	55.2	56.1
Difference	-0.3	-0.1	0.0	0.1	1.0	0.0	0.0	0.3	0.3	0.0	-0.2	-0.6
Percent Difference	-0.5%	-0.3%	-0.1%	0.2%	2.1%	0.0%	-0.1%	0.5%	0.6%	0.0%	-0.4%	-1.0%

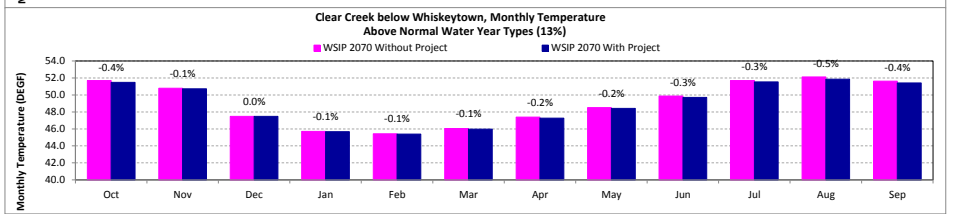
1 Based on the 82-year simulation period

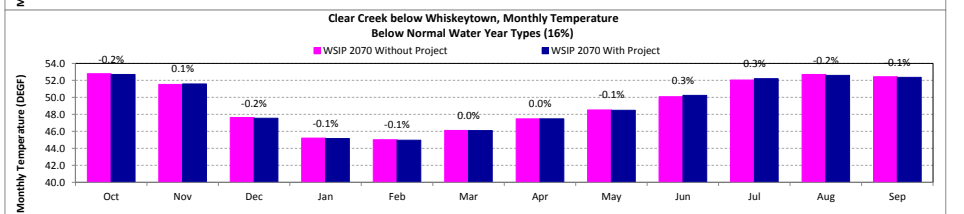
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

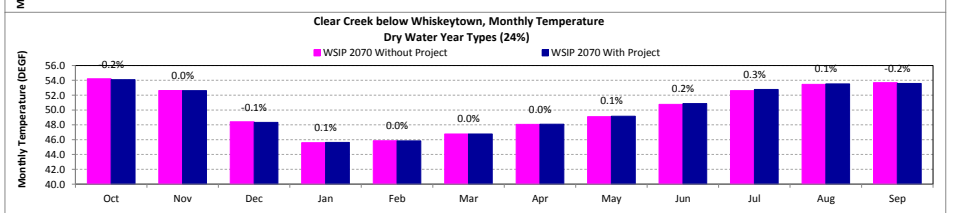
3 Relative difference of the monthly average











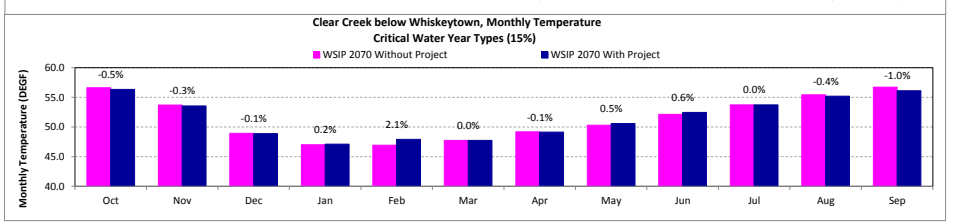


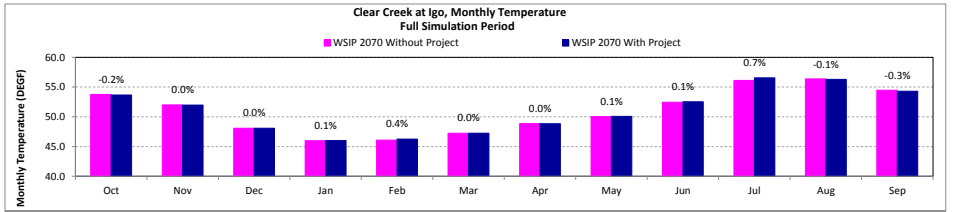
Table SQ14-1a
Clear Creek at Igo, Monthly Temperature
Long-term Average and Average by Water Year Type

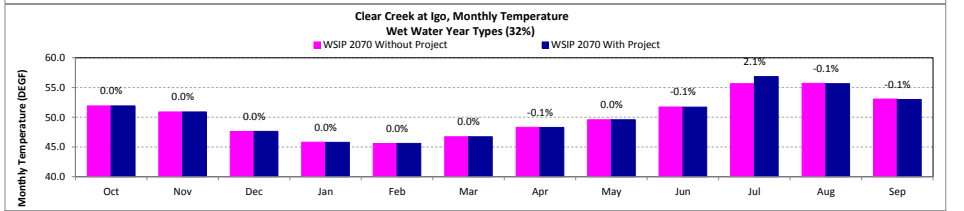
Analysis Period	Monthly Temperature (DEGF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	53.8	52.0	48.1	46.0	46.1	47.2	48.9	50.0	52.5	56.1	56.4	54.5
WSIP 2070 With Project	53.7	52.0	48.1	46.0	46.2	47.2	48.8	50.1	52.5	56.5	56.3	54.3
Difference	-0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1	0.4	-0.1	-0.2
Percent Difference[3]	-0.2%	0.0%	0.0%	0.1%	0.4%	0.0%	0.0%	0.1%	0.1%	0.7%	-0.1%	-0.3%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	51.9	50.9	47.6	45.8	45.6	46.7	48.3	49.6	51.7	55.7	55.7	53.1
WSIP 2070 With Project	51.9	50.9	47.6	45.8	45.6	46.7	48.3	49.6	51.7	56.8	55.7	53.0
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	-0.1	-0.1
Percent Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.1%	2.1%	-0.1%	-0.1%
Above Normal (13%)												
WSIP 2070 Without Project	52.4	51.0	47.6	46.0	45.9	46.8	48.4	49.6	51.7	55.6	55.5	53.2
WSIP 2070 With Project	52.2	51.0	47.6	46.0	45.9	46.8	48.3	49.5	51.6	55.5	55.3	53.0
Difference	-0.2	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2
Percent Difference	-0.4%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%	-0.2%	-0.3%	-0.3%	-0.4%	-0.4%
Below Normal (16%)												
WSIP 2070 Without Project	53.4	51.8	47.8	45.5	45.5	46.9	48.5	49.6	51.9	55.9	56.0	53.9
WSIP 2070 With Project	53.4	51.8	47.7	45.4	45.5	46.9	48.5	49.6	52.1	56.0	55.9	53.8
Difference	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	-0.1
Percent Difference	-0.2%	0.1%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.3%	0.3%	-0.2%	-0.1%
Dry (24%)												
WSIP 2070 Without Project	54.9	52.9	48.5	45.8	46.3	47.5	49.1	50.2	52.7	56.4	56.7	55.1
WSIP 2070 With Project	54.8	52.8	48.6	45.8	46.3	47.5	49.1	50.2	52.8	56.5	56.7	55.0
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	-0.1
Percent Difference	-0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%	0.1%	-0.2%
Critical (15%)												
WSIP 2070 Without Project	57.5	54.0	49.1	47.2	47.5	48.6	50.4	51.6	55.0	57.5	58.5	58.3
WSIP 2070 With Project	57.2	53.8	49.0	47.5	48.7	48.7	50.4	51.9	55.3	57.5	58.3	57.8
Difference	-0.3	-0.1	0.0	0.3	1.2	0.0	0.0	0.3	0.3	0.0	-0.2	-0.6
Percent Difference	-0.5%	-0.2%	-0.1%	0.6%	2.6%	0.0%	0.0%	0.5%	0.6%	0.0%	-0.3%	-1.0%

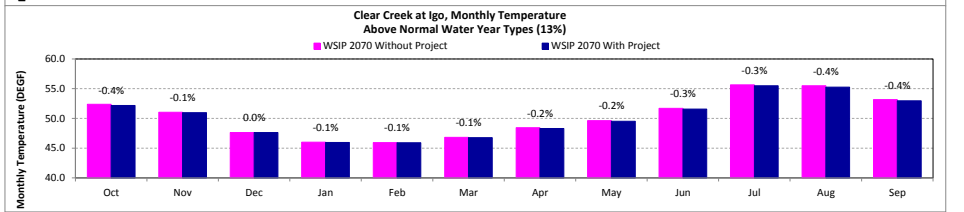
1 Based on the 82-year simulation period

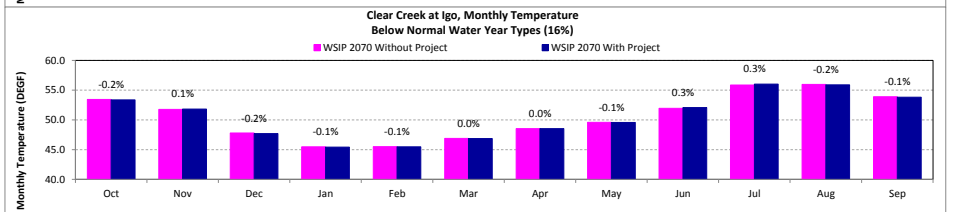
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

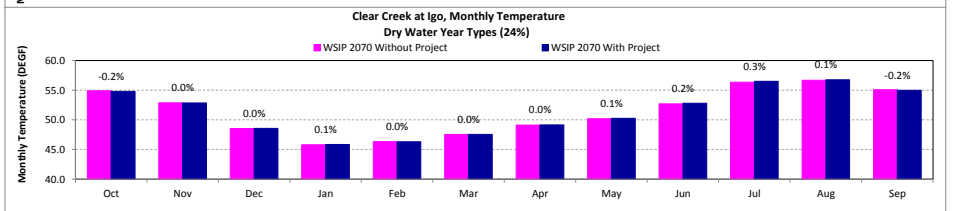
3 Relative difference of the monthly average











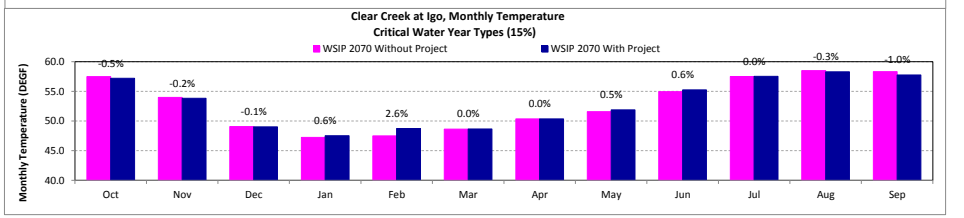


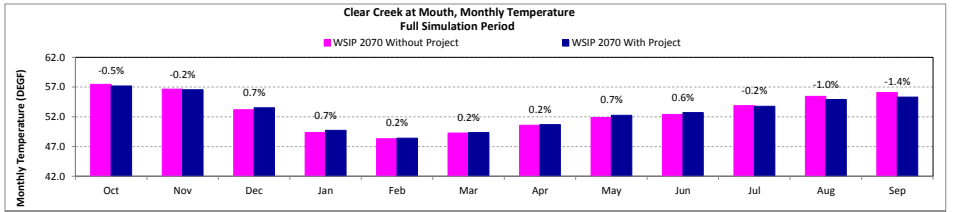
Table SQ15-1a
Clear Creek at Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

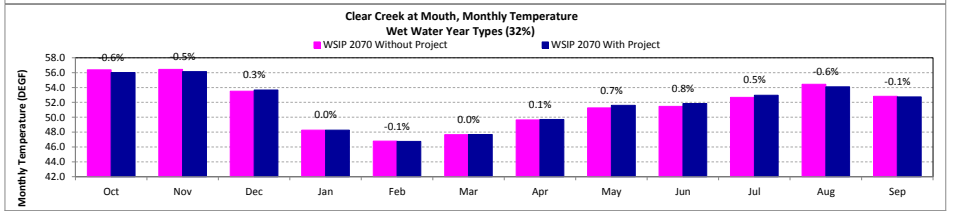
Analysis Period	Monthly Temperature (DEGF)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period[1]												
WSIP 2070 Without Project	57.5	56.7	53.2	49.4	48.3	49.3	50.6	51.9	52.4	53.9	55.4	56.1
WSIP 2070 With Project	57.2	56.6	53.5	49.7	48.4	49.3	50.7	52.3	52.7	53.8	54.9	55.3
Difference	-0.3	-0.1	0.3	0.4	0.1	0.1	0.1	0.4	0.3	-0.1	-0.5	-0.8
Percent Difference[3]	-0.5%	-0.2%	0.7%	0.7%	0.2%	0.2%	0.2%	0.7%	0.6%	-0.2%	-1.0%	-1.4%
Water Year Types[2]												
Wet (32%)												
WSIP 2070 Without Project	56.4	56.4	53.5	48.3	46.8	47.7	49.6	51.3	51.5	52.7	54.4	52.8
WSIP 2070 With Project	56.0	56.1	53.7	48.3	46.8	47.7	49.7	51.6	51.9	53.0	54.1	52.7
Difference	-0.4	-0.3	0.2	0.0	0.0	0.0	0.1	0.3	0.4	0.3	-0.3	-0.1
Percent Difference	-0.6%	-0.5%	0.3%	0.0%	-0.1%	0.0%	0.1%	0.7%	0.8%	0.5%	-0.6%	-0.1%
Above Normal (13%)												
WSIP 2070 Without Project	55.7	55.9	53.7	49.6	48.1	48.7	50.6	51.7	51.8	52.6	54.0	53.4
WSIP 2070 With Project	55.6	55.8	53.9	49.7	48.1	48.7	50.6	51.9	52.1	52.5	53.7	54.0
Difference	-0.2	-0.1	0.2	0.1	0.0	0.0	0.0	0.2	0.3	-0.1	-0.3	0.6
Percent Difference	-0.3%	-0.1%	0.4%	0.2%	0.0%	-0.1%	0.1%	0.4%	0.5%	-0.1%	-0.6%	1.1%
Below Normal (16%)												
WSIP 2070 Without Project	56.2	55.8	52.7	49.8	48.4	49.8	51.0	51.6	51.9	53.2	54.8	55.8
WSIP 2070 With Project	56.2	56.1	53.3	50.2	48.5	49.9	50.8	52.0	52.4	53.4	54.3	54.7
Difference	0.0	0.2	0.5	0.4	0.0	0.0	-0.2	0.5	0.6	0.2	-0.6	-1.1
Percent Difference	0.0%	0.4%	1.0%	0.9%	0.0%	0.1%	-0.4%	0.9%	1.1%	0.5%	-1.0%	-2.0%
Dry (24%)												
WSIP 2070 Without Project	57.1	57.0	53.2	49.9	49.5	50.2	50.9	51.9	52.7	54.5	55.1	56.6
WSIP 2070 With Project	57.1	56.7	53.5	50.5	49.6	50.4	51.2	52.5	53.2	54.3	54.8	55.7
Difference	0.0	-0.2	0.3	0.6	0.2	0.2	0.2	0.5	0.5	-0.2	-0.3	-1.0
Percent Difference	0.0%	-0.4%	0.6%	1.2%	0.3%	0.4%	0.5%	1.0%	1.0%	-0.4%	-0.6%	-1.7%
Critical (15%)												
WSIP 2070 Without Project	63.2	58.1	52.6	50.2	49.8	51.1	51.5	53.6	55.1	57.3	60.1	64.9
WSIP 2070 With Project	62.3	58.3	53.3	51.0	50.2	51.2	51.9	53.9	54.6	56.1	58.7	62.1
Difference	-0.9	0.2	0.7	0.8	0.5	0.1	0.4	0.3	-0.5	-1.2	-1.4	-2.7
Percent Difference	-1.3%	0.3%	1.4%	1.7%	0.9%	0.2%	0.8%	0.5%	-0.9%	-2.1%	-2.4%	-4.2%

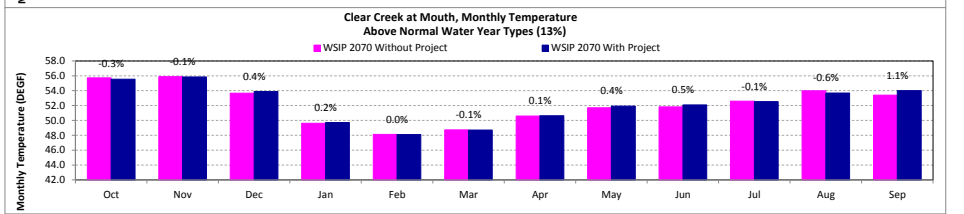
1 Based on the 82-year simulation period

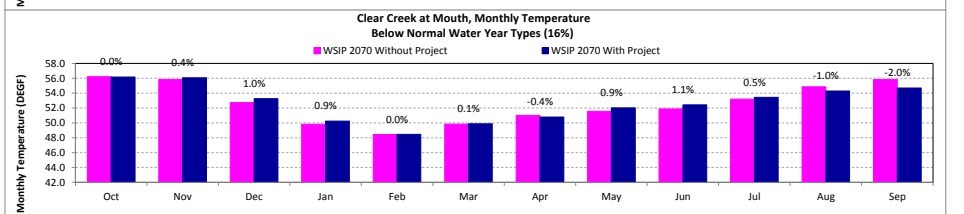
2 As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999)

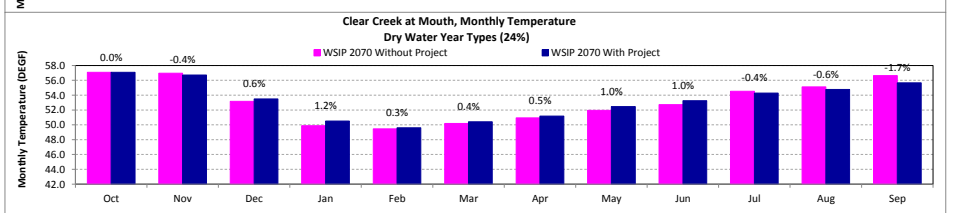
3 Relative difference of the monthly average











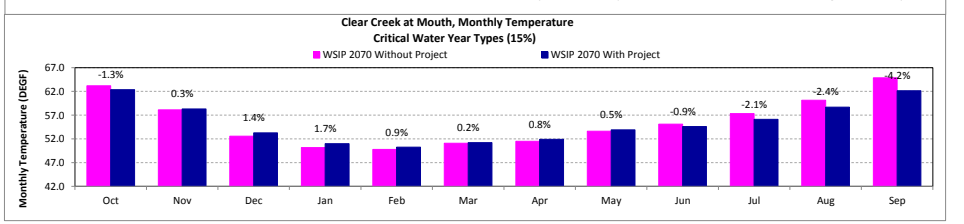


Figure SQ2-1b
Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

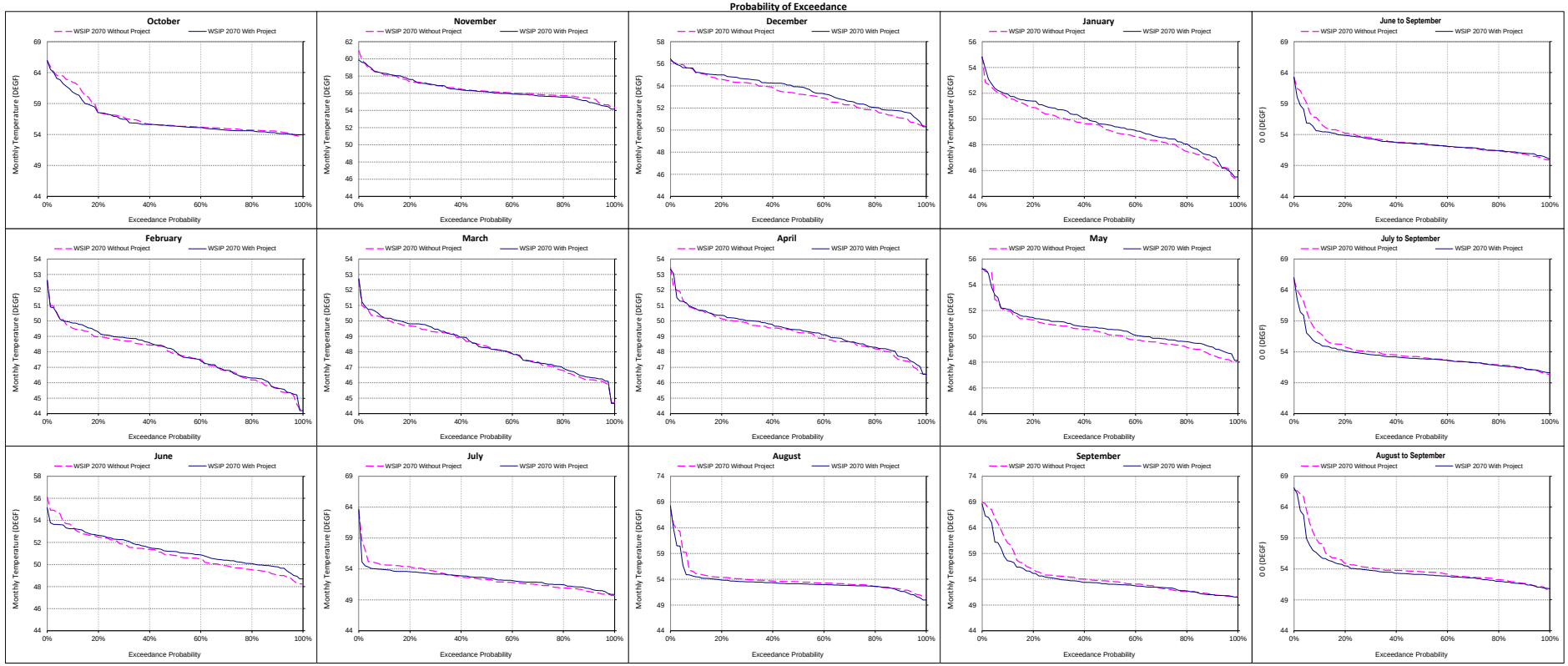


Table SQ2-1b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	65.9	65.9	0.0	0.0%
1.2%	65.0	64.5	-0.4	-0.7%
2.5%	64.1	64.1	0.0	-0.1%
3.7%	63.6	63.1	-0.5	-0.8%
4.9%	63.5	62.9	-0.7	-1.1%
6.2%	63.5	62.2	-1.3	-2.0%
7.4%	62.9	61.8	-1.1	-1.7%
8.6%	62.8	61.4	-1.4	-2.3%
9.9%	62.4	60.8	-1.6	-2.6%
11.1%	62.3	60.6	-1.7	-2.8%
12.3%	61.8	60.3	-1.5	-2.4%
13.6%	60.9	59.6	-1.4	-2.2%
14.8%	60.3	59.0	-1.3	-2.1%
16.0%	60.1	58.9	-1.2	-2.0%
17.3%	59.3	58.6	-0.6	-1.1%
18.5%	59.0	58.5	-0.5	-0.9%
19.8%	57.6	57.5	-0.1	-0.2%
21.0%	57.4	57.5	0.1	0.1%
22.2%	57.3	57.4	0.1	0.2%
23.5%	57.3	57.3	0.0	0.0%
24.7%	57.2	57.2	0.0	0.0%
25.9%	57.1	56.9	-0.2	-0.3%
27.2%	57.1	56.9	-0.2	-0.4%
28.4%	56.9	56.6	-0.3	-0.5%
29.6%	56.8	56.5	-0.4	-0.7%
30.9%	56.5	56.5	-0.1	-0.1%
32.1%	56.5	55.9	-0.6	-1.1%
33.3%	56.4	55.9	-0.5	-0.9%
34.6%	56.4	55.9	-0.5	-0.9%
35.8%	56.2	55.8	-0.4	-0.8%
37.0%	55.9	55.7	-0.3	-0.5%
38.3%	55.8	55.6	-0.2	-0.3%
39.5%	55.7	55.6	-0.1	-0.1%
40.7%	55.6	55.6	0.0	0.0%
42.0%	55.6	55.6	0.0	0.0%
43.2%	55.6	55.6	0.0	0.0%
44.4%	55.5	55.5	0.0	0.0%
45.7%	55.5	55.5	0.0	0.0%
46.9%	55.5	55.4	-0.1	-0.2%
48.1%	55.5	55.4	-0.1	-0.2%
49.4%	55.4	55.4	-0.1	-0.1%
50.6%	55.4	55.3	0.0	-0.1%
51.9%	55.3	55.3	0.0	0.0%
53.1%	55.3	55.3	-0.1	-0.1%
54.3%	55.3	55.2	-0.1	-0.2%
55.6%	55.3	55.2	-0.1	-0.2%
56.8%	55.3	55.1	-0.1	-0.2%
58.0%	55.2	55.1	-0.1	-0.2%
59.3%	55.2	55.1	-0.1	-0.2%
60.5%	55.2	55.1	-0.1	-0.1%
61.7%	55.1	55.0	-0.1	-0.2%
63.0%	55.1	54.9	-0.2	-0.3%
64.2%	55.1	54.9	-0.2	-0.4%
65.4%	55.1	54.9	-0.2	-0.3%
66.7%	55.1	54.8	-0.2	-0.4%
67.9%	55.0	54.8	-0.2	-0.4%
69.1%	55.0	54.7	-0.2	-0.4%
70.4%	54.9	54.7	-0.3	-0.5%
71.6%	54.9	54.7	-0.3	-0.5%
72.8%	54.9	54.6	-0.3	-0.5%
74.1%	54.9	54.6	-0.3	-0.5%
75.3%	54.8	54.6	-0.2	-0.4%
76.5%	54.7	54.6	-0.1	-0.2%
77.8%	54.7	54.6	-0.1	-0.2%
79.0%	54.7	54.6	-0.1	-0.2%
80.2%	54.7	54.6	-0.1	-0.2%
81.5%	54.7	54.5	-0.2	-0.4%
82.7%	54.7	54.4	-0.2	-0.4%
84.0%	54.6	54.4	-0.2	-0.4%
85.2%	54.6	54.4	-0.2	-0.4%
86.4%	54.6	54.3	-0.3	-0.5%
87.7%	54.6	54.3	-0.2	-0.4%
88.9%	54.6	54.3	-0.3	-0.5%
90.1%	54.5	54.2	-0.3	-0.6%
91.4%	54.4	54.2	-0.3	-0.5%
92.6%	54.3	54.2	-0.2	-0.3%
93.8%	54.3	54.1	-0.1	-0.2%
95.1%	54.3	54.0	-0.2	-0.4%
96.3%	53.9	54.0	0.1	0.2%
97.5%	53.8	53.9	0.2	0.3%
98.8%	53.7	53.9	0.2	0.4%
100.0%	53.7	53.9	0.0	0.4%

November				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.9	59.9	-1.1	-1.8%
1.2%	59.9	59.6	-0.4	-0.6%
2.5%	59.4	59.5	0.1	0.2%
3.7%	58.9	59.2	0.2	0.4%
4.9%	58.8	58.9	0.2	0.3%
6.2%	58.6	58.5	-0.1	-0.1%
7.4%	58.5	58.5	0.0	0.0%
8.6%	58.4	58.4	0.0	0.0%
9.9%	58.1	58.3	0.2	0.3%
11.1%	58.1	58.3	0.1	0.3%
12.3%	58.1	58.2	0.1	0.2%
13.6%	58.0	58.1	0.1	0.1%
14.8%	58.0	58.0	0.1	0.1%
16.0%	57.7	58.0	0.3	0.5%
17.3%	57.7	57.9	0.2	0.4%
18.5%	57.6	57.8	0.2	0.3%
19.8%	57.4	57.6	0.3	0.5%
21.0%	57.3	57.6	0.3	0.5%
22.2%	57.3	57.3	0.0	0.1%
23.5%	57.3	57.2	-0.1	-0.2%
24.7%	57.3	57.2	-0.1	-0.2%
25.9%	57.2	57.1	-0.1	-0.2%
27.2%	57.0	57.1	0.1	0.1%
28.4%	57.0	57.0	0.1	0.1%
29.6%	56.9	57.0	0.1	0.1%
30.9%	56.9	56.9	0.0	0.0%
32.1%	56.9	56.9	0.0	0.0%
33.3%	56.7	56.9	0.1	0.3%
34.6%	56.7	56.6	0.0	0.0%
35.8%	56.7	56.5	-0.1	-0.3%
37.0%	56.6	56.5	-0.1	-0.3%
38.3%	56.6	56.5	-0.1	-0.2%
39.5%	56.5	56.4	-0.1	-0.2%
40.7%	56.4	56.4	-0.1	-0.1%
42.0%	56.4	56.3	-0.1	-0.1%
43.2%	56.4	56.3	-0.1	-0.1%
44.4%	56.3	56.3	0.0	0.0%
45.7%	56.3	56.3	0.0	-0.1%
46.9%	56.3	56.2	-0.1	-0.2%
48.1%	56.3	56.2	-0.1	-0.1%
49.4%	56.3	56.2	-0.1	-0.2%
50.6%	56.2	56.1	-0.1	-0.1%
51.9%	56.2	56.1	-0.1	-0.1%
53.1%	56.2	56.0	-0.1	-0.3%
54.3%	56.1	56.0	-0.1	-0.2%
55.6%	56.1	56.0	-0.1	-0.2%
56.8%	56.1	56.0	-0.1	-0.2%
58.0%	56.1	56.0	-0.1	-0.2%
59.3%	56.1	56.0	-0.1	-0.2%
60.5%	56.0	55.9	-0.1	-0.2%
61.7%	56.0	55.9	-0.1	-0.2%
63.0%	56.0	55.9	-0.1	-0.2%
64.2%	56.0	55.9	-0.1	-0.2%
65.4%	56.0	55.9	-0.1	-0.2%
66.7%	56.0	55.8	-0.2	-0.3%
67.9%	56.0	55.8	-0.2	-0.3%
69.1%	55.9	55.7	-0.2	-0.3%
70.4%	55.9	55.7	-0.2	-0.3%
71.6%	55.8	55.7	-0.2	-0.3%
72.8%	55.8	55.7	-0.1	-0.3%
74.1%	55.8	55.6	-0.2	-0.3%
75.3%	55.8	55.6	-0.2	-0.3%
76.5%	55.8	55.6	-0.2	-0.3%
77.8%	55.8	55.6	-0.2	-0.3%
79.0%	55.7	55.6	-0.2	-0.3%
80.2%	55.7	55.6	-0.2	-0.3%
81.5%	55.7	55.6	-0.2	-0.3%
82.7%	55.7	55.5	-0.1	-0.3%
84.0%	55.7	55.4	-0.2	-0.4%
85.2%	55.6	55.3	-0.2	-0.4%
86.4%	55.5	55.2	-0.3	-0.6%
87.7%	55.5	55.2	-0.3	-0.6%
88.9%	55.5	55.2	-0.3	-0.6%
90.1%	55.4	54.9	-0.5	-0.9%
91.4%	55.4	54.9	-0.5	-0.8%
92.6%	55.3	54.8	-0.5	-0.9%
93.8%	54.9	54.7	-0.2	-0.4%
95.1%	54.8	54.6	-0.2	-0.4%
96.3%	54.6	54.5	-0.2	-0.3%
97.5%	54.6	54.4	-0.2	-0.4%
98.8%	54.4	54.1	-0.2	-0.4%
100.0%	54.4	54.1	-0.2	-0.4%

December				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.3	56.4	0.1	0.2%
1.2%	56.1	56.1	0.0	0.0%
2.5%	56.0	55.9	-0.1	-0.2%
3.7%	55.9	55.8	-0.1	-0.2%
4.9%	55.9	55.6	-0.3	-0.5%
6.2%	55.6	55.6	0.0	0.0%
7.4%	55.6	55.6	0.0	0.0%
8.6%	55.5	55.6	0.1	0.1%
9.9%	55.2	55.2	0.0	0.1%
11.1%	55.2	55.2	0.0	0.0%
12.3%	55.1	55.1	0.0	0.1%
13.6%	55.1	55.1	0.1	0.1%
14.8%	54.9	55.1	0.2	0.3%
16.0%	54.8	55.0	0.2	0.4%
17.3%	54.7	55.0	0.3	0.5%
18.5%	54.6	55.0	0.4	0.7%
19.8%	54.6	55.0	0.4	0.7%
21.0%	54.5	55.0	0.4	0.8%
22.2%	54.5	54.8	0.4	0.6%
23.5%	54.5	54.8	0.3	0.6%
24.7%	54.3	54.8	0.5	0.8%
25.9%	54.3	54.8	0.4	0.8%
27.2%	54.3	54.7	0.4	0.7%
28.4%	54.3	54.7	0.4	0.7%
29.6%	54.3	54.6	0.3	0.6%
30.9%	54.2	54.6	0.4	0.7%
32.1%	54.2	54.6	0.3	0.6%
33.3%	54.1	54.5	0.4	0.7%
34.6%	54.0	54.5	0.5	1.0%
35.8%	54.0	54.3	0.3	0.6%
37.0%	54.0	54.3	0.3	0.6%
38.3%	53.9	54.3	0.3	0.6%
39.5%	53.9	54.3	0.3	0.6%
40.7%	53.7	54.3	0.5	1.0%
42.0%	53.6	54.2	0.7	1.3%
43.2%	53.5	54.2	0.7	1.4%
44.4%	53.5	54.2	0.7	1.4%
45.7%	53.4	54.1	0.7	1.2%
46.9%	53.4	54.1	0.7	1.3%
48.1%	53.4	53.9	0.6	1.0%
49.4%	53.3	53.9	0.7	1.3%
50.6%	53.2	53.9	0.6	1.2%
51.9%	53.2	53.9	0.7	1.3%
53.1%	53.2	53.8	0.6	1.1%
54.3%	53.1	53.7	0.5	1.0%
55.6%	53.1	53.5	0.4	0.7%
56.8%	53.1	53.4	0.3	0.6%
58.0%	53.0	53.3	0.4	0.7%
59.3%	52.9	53.3	0.4	0.8%
60.5%	52.9	53.2	0.4	0.7%
61.7%	52.8	53.2	0.5	0.9%
63.0%	52.5	53.1	0.6	1.1%
64.2%	52.5	53.0	0.4	0.8%
65.4%	52.5	52.9	0.4	0.7%
66.7%	52.5	52.8	0.3	0.7%
67.9%	52.3	52.7	0.5	0.9%
69.1%	52.3	52.6	0.3	0.6%
70.4%	52.3	52.6	0.3	0.6%
71.6%	52.3	52.6	0.3	0.6%
72.8%	52.1	52.4	0.3	0.6%
74.1%	52.0	52.4	0.4	0.7%
75.3%	51.9	52.4	0.5	0.9%
76.5%	51.9	52.3	0.4	0.8%
77.8%	51.8	52.1	0.3	0.6%
79.0%	51.8	52.1	0.2	0.5%
80.2%	51.8	52.0	0.3	0.5%
81.5%	51.6	52.0	0.5	0.9%
82.7%	51.5	51.9	0.3	0.6%
84.0%	51.5	51.8	0.4	0.7%
85.2%	51.4	51.8	0.4	0.9%
86.4%	51.3	51.8	0.4	0.9%
87.7%	51.3	51.8	0.5	1.0%
88.9%	51.1	51.8	0.6	1.2%
90.1%	51.1	51.7	0.6	1.3%
91.4%	51.1	51.6	0.5	1.1%
92.6%	51.0	51.6	0.6	1.1%
93.8%	50.7	51.5	0.8	1.6%
95.1%	50.7	51.2	0.5	1.0%
96.3%	50.6	51.0	0.4	0.8%
97.5%	50.4	50.7	0.3	0.6%
98.8%	50.4	50.3	-0.1	-0.2%
100.0%	50.4	50.3	-0.1	-0.2%

January				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.8	54.8	0.0	0.0%
1.2%	52.8	53.9	1.1	2.1%
2.5%	52.7	53.1	0.4	0.8%
3.7%	52.5	52.7	0.2	0.5%
4.9%	52.2	52.4	0.2	0.3%
6.2%	52.0	52.2	0.2	0.4%
7.4%	52.0	52.1	0.1	0.2%
8.6%	51.8	52.0	0.2	0.3%
9.9%	51.6	51.9	0.3	0.6%
11.1%	51.6	51.7	0.2	0.3%
12.3%	51.5	51.7	0.2	0.4%
13.6%	51.4	51.6	0.2	0.4%
14.8%	51.3	51.5	0.2	0.4%
16.0%	51.2	51.5	0.3	0.5%
17.3%	51.1	51.4	0.3	0.7%
18.5%	50.9	51.4	0.5	1.0%
19.8%	50.9	51.4	0.5	1.0%
21.0%	50.9	51.4	0.5	1.0%
22.2%	50.7	51.1	0.4	0.8%
23.5%	50.5	51.1	0.6	1.1%
24.7%	50.4	51.0	0.6	1.2%
25.9%	50.4	50.9	0.5	1.1%
27.2%	50.3	50.9	0.5	1.1%
28.4%	50.3	50.8	0.6	1.2%
29.6%	50.1	50.7	0.6	1.2%
30.9%	50.1	50.7	0.6	1.3%
32.1%	50.1	50.7	0.6	1.2%
33.3%	49.9	50.6	0.7	1.3%
34.6%	49.9	50.4	0.5	0.9%
35.8%	49.9	50.4	0.5	1.0%
37.0%	49.8	50.3	0.6	1.2%
38.3%	49.7	50.2	0.5	0.9%
39.5%	49.6	50.1	0.4	0.9%
40.7%	49.6	50.1	0.4	0.9%
42.0%	49.6	49.9	0.3	0.5%
43.2%	49.6	49.8	0.2	0.5%
44.4%	49.6	49.8	0.2	0.5%
45.7%	49.5	49.6	0.1	0.2%
46.9%	49.4	49.6	0.2	0.4%
48.1%	49.2	49.6	0.4	0.8%
49.4%	49.1	49.5	0.4	0.8%
50.6%	49.1	49.5	0.4	0.9%
51.9%	48.9	49.4	0.5	0.9%
53.1%	48.9	49.4	0.5	1.0%
54.3%	48.8	49.3	0.5	1.0%
55.6%	48.8	49.3	0.5	1.0%
56.8%	48.8	49.2	0.4	0.8%
58.0%	48.8	49.2	0.4	0.9%
59.3%	48.7	49.2	0.5	1.0%
60.5%	48.6	49.1	0.4	0.9%
61.7%	48.6	49.0	0.5	1.0%
63.0%	48.5	48.9	0.4	0.9%
64.2%	48.4	48.8	0.4	0.9%
65.4%	48.4	48.8	0.5	0.9%
66.7%	48.4	48.7	0.4	0.8%
67.9%	48.3	48.6	0.3	0.6%
69.1%	48.3	48.6	0.3	0.7%
70.4%	48.2	48.6	0.3	0.7%
71.6%	48.2	48.5	0.4	0.8%
72.8%	48.1	48.5	0.4	0.9%
74.1%	48.0	48.5	0.4	0.9%
75.3%	48.0	48.5	0.4	0.9%
76.5%	47.8	48.2	0.4	0.8%
77.8%	47.7	48.2	0.5	1.0%
79.0%	47.5	48.1	0.5	1.1%
80.2%	47.5	48.1	0.6	1.2%
81.5%	47.4	47.8	0.4	0.9%
82.7%	47.4	47.7	0.4	0.8%
84.0%	47.2	47.7	0.4	0.9%
85.2%	47.2	47.5	0.3	0.6%
86.4%	47.1	47.3	0.2	0.5%
87.7%	46.9	47.2	0.4	0.8%
88.9%	46.8	47.2	0.4	0.8%
90.1%	46.7	47.1	0.4	0.8%
91.4%	46.5	47.0	0.6	1.2%
92.6%	46.3	46.6	0.3	0.7%
93.8%	46.3	46.2	-0.1	-0.2%
95.1%	46.2	46.2	-0.1	-0.1%
96.3%	46.2	46.0	-0.2	-0.3%
97.5%	45.6	45.8	0.2	0.5%
98.8%	45.4	45.5	0.1	0.2%
100.0%	45.4	45.5	0.1	0.2%

Table SQ2-1b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

February				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.6	52.6	0.0	0.0%
1.2%	51.0	50.9	-0.1	-0.2%
2.5%	50.9	50.8	-0.1	-0.2%
3.7%	50.5	50.5	0.0	0.0%
4.9%	50.1	50.1	0.0	0.0%
6.2%	50.1	50.0	-0.1	-0.2%
7.4%	49.8	50.0	0.2	0.4%
8.6%	49.7	49.9	0.3	0.5%
9.9%	49.5	49.9	0.3	0.7%
11.1%	49.5	49.9	0.4	0.8%
12.3%	49.4	49.8	0.3	0.7%
13.6%	49.4	49.8	0.3	0.7%
14.8%	49.3	49.7	0.3	0.6%
16.0%	49.3	49.5	0.2	0.5%
17.3%	49.1	49.5	0.4	0.8%
18.5%	49.0	49.4	0.4	0.8%
19.8%	49.0	49.3	0.3	0.7%
21.0%	49.0	49.1	0.2	0.3%
22.2%	48.9	49.1	0.2	0.3%
23.5%	48.9	49.1	0.2	0.4%
24.7%	48.9	49.0	0.2	0.4%
25.9%	48.8	49.0	0.2	0.3%
27.2%	48.8	49.0	0.1	0.3%
28.4%	48.7	48.9	0.2	0.4%
29.6%	48.7	48.9	0.2	0.5%
30.9%	48.7	48.9	0.2	0.4%
32.1%	48.7	48.9	0.2	0.4%
33.3%	48.7	48.9	0.2	0.4%
34.6%	48.5	48.9	0.3	0.7%
35.8%	48.5	48.8	0.3	0.5%
37.0%	48.5	48.7	0.3	0.5%
38.3%	48.5	48.7	0.2	0.4%
39.5%	48.4	48.6	0.2	0.4%
40.7%	48.4	48.5	0.1	0.2%
42.0%	48.4	48.5	0.0	0.1%
43.2%	48.4	48.4	0.1	0.1%
44.4%	48.4	48.4	0.1	0.1%
45.7%	48.3	48.3	0.0	0.0%
46.9%	48.1	48.2	0.2	0.4%
48.1%	48.0	48.2	0.2	0.5%
49.4%	47.9	48.1	0.3	0.6%
50.6%	47.8	47.9	0.1	0.2%
51.9%	47.8	47.8	0.0	0.0%
53.1%	47.7	47.7	-0.1	-0.2%
54.3%	47.7	47.6	-0.1	-0.1%
55.6%	47.7	47.6	-0.1	-0.2%
56.8%	47.6	47.6	0.0	-0.1%
58.0%	47.6	47.5	0.0	0.0%
59.3%	47.6	47.5	0.0	-0.1%
60.5%	47.5	47.4	-0.1	-0.2%
61.7%	47.2	47.2	0.1	0.2%
63.0%	47.1	47.2	0.1	0.2%
64.2%	47.1	47.2	0.1	0.1%
65.4%	47.1	47.2	0.1	0.1%
66.7%	47.0	47.0	-0.1	-0.1%
67.9%	46.8	46.9	0.1	0.2%
69.1%	46.8	46.8	0.0	0.1%
70.4%	46.8	46.8	0.0	0.1%
71.6%	46.7	46.8	0.1	0.2%
72.8%	46.7	46.6	-0.1	-0.2%
74.1%	46.6	46.5	0.0	-0.1%
75.3%	46.5	46.4	0.0	-0.1%
76.5%	46.3	46.4	0.1	0.1%
77.8%	46.3	46.4	0.1	0.2%
79.0%	46.2	46.3	0.1	0.3%
80.2%	46.2	46.3	0.1	0.2%
81.5%	46.2	46.3	0.1	0.3%
82.7%	46.0	46.3	0.2	0.5%
84.0%	46.0	46.2	0.2	0.5%
85.2%	45.8	46.1	0.3	0.7%
86.4%	45.8	46.1	0.2	0.5%
87.7%	45.8	45.8	0.0	0.0%
88.9%	45.7	45.7	0.0	-0.1%
90.1%	45.7	45.6	0.0	-0.1%
91.4%	45.4	45.6	0.2	0.4%
92.6%	45.4	45.6	0.2	0.4%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.4	45.3	0.0	0.0%
96.3%	45.2	45.3	0.1	0.2%
97.5%	44.6	45.2	0.6	1.4%
98.8%	44.3	44.2	-0.1	-0.2%
100.0%	44.3	44.2	-0.1	-0.2%

March				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.7	52.7	0.1	0.1%
1.2%	51.0	51.2	0.2	0.4%
2.5%	50.8	50.9	0.1	0.2%
3.7%	50.7	50.7	0.1	0.1%
4.9%	50.4	50.7	0.4	0.8%
6.2%	50.3	50.7	0.3	0.7%
7.4%	50.3	50.5	0.2	0.4%
8.6%	50.2	50.3	0.1	0.2%
9.9%	50.2	50.2	-0.1	-0.1%
11.1%	50.1	50.2	0.1	0.2%
12.3%	50.0	50.2	0.2	0.4%
13.6%	49.9	50.1	0.2	0.4%
14.8%	49.8	50.0	0.2	0.4%
16.0%	49.8	50.0	0.2	0.4%
17.3%	49.7	49.9	0.2	0.5%
18.5%	49.7	49.9	0.2	0.3%
19.8%	49.7	49.8	0.1	0.3%
21.0%	49.7	49.8	0.1	0.3%
22.2%	49.6	49.8	0.2	0.4%
23.5%	49.6	49.8	0.2	0.5%
24.7%	49.5	49.8	0.3	0.7%
25.9%	49.4	49.8	0.3	0.6%
27.2%	49.4	49.7	0.3	0.6%
28.4%	49.3	49.6	0.3	0.6%
29.6%	49.3	49.5	0.2	0.4%
30.9%	49.3	49.5	0.2	0.4%
32.1%	49.3	49.3	0.1	0.1%
33.3%	49.2	49.3	0.1	0.2%
34.6%	49.2	49.2	0.0	0.0%
35.8%	49.2	49.2	-0.1	-0.1%
37.0%	49.2	49.1	-0.1	-0.1%
38.3%	48.9	49.1	0.2	0.3%
39.5%	48.9	49.0	0.0	0.1%
40.7%	48.9	48.9	0.1	0.1%
42.0%	48.7	48.9	0.3	0.5%
43.2%	48.7	48.7	0.0	0.1%
44.4%	48.5	48.6	0.0	0.1%
45.7%	48.5	48.5	0.0	0.0%
46.9%	48.5	48.3	-0.1	-0.3%
48.1%	48.4	48.3	-0.1	-0.2%
49.4%	48.4	48.3	-0.1	-0.2%
50.6%	48.3	48.2	-0.1	-0.1%
51.9%	48.3	48.2	-0.1	-0.2%
53.1%	48.2	48.1	0.0	0.0%
54.3%	48.1	48.1	0.0	0.0%
55.6%	48.1	48.1	0.0	-0.1%
56.8%	48.1	48.1	0.0	0.0%
58.0%	48.0	48.0	0.0	0.0%
59.3%	47.9	48.0	0.1	0.1%
60.5%	47.9	47.8	0.0	-0.1%
61.7%	47.8	47.8	0.0	0.0%
63.0%	47.7	47.8	0.1	0.2%
64.2%	47.5	47.5	-0.1	-0.1%
65.4%	47.5	47.4	0.0	-0.1%
66.7%	47.4	47.4	0.0	0.0%
67.9%	47.4	47.3	-0.1	-0.1%
69.1%	47.4	47.3	-0.1	-0.1%
70.4%	47.3	47.3	0.0	-0.1%
71.6%	47.1	47.2	0.1	0.2%
72.8%	47.1	47.2	0.1	0.3%
74.1%	47.1	47.2	0.1	0.2%
75.3%	47.1	47.2	0.1	0.3%
76.5%	47.0	47.1	0.1	0.1%
77.8%	46.9	47.1	0.2	0.4%
79.0%	46.8	47.0	0.2	0.5%
80.2%	46.8	46.9	0.1	0.3%
81.5%	46.6	46.8	0.2	0.5%
82.7%	46.6	46.8	0.2	0.4%
84.0%	46.5	46.7	0.2	0.5%
85.2%	46.4	46.6	0.2	0.4%
86.4%	46.4	46.5	0.1	0.3%
87.7%	46.3	46.4	0.2	0.4%
88.9%	46.2	46.4	0.2	0.4%
90.1%	46.2	46.4	0.2	0.4%
91.4%	46.2	46.3	0.1	0.3%
92.6%	46.2	46.3	0.1	0.3%
93.8%	46.1	46.3	0.1	0.3%
95.1%	46.1	46.2	0.1	0.3%
96.3%	46.0	46.1	0.1	0.2%
97.5%	45.9	46.1	0.2	0.5%
98.8%	44.7	44.7	-0.1	-0.1%
100.0%	44.7	44.7	-0.1	-0.1%

April				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.5	53.4	-0.1	-0.2%
1.2%	52.2	53.1	0.9	1.7%
2.5%	52.0	51.5	-0.5	-0.9%
3.7%	51.9	51.3	-0.6	-1.2%
4.9%	51.3	51.3	-0.1	-0.1%
6.2%	51.1	51.2	0.1	0.1%
7.4%	50.9	51.0	0.1	0.1%
8.6%	50.8	50.9	0.1	0.1%
9.9%	50.7	50.8	0.0	0.1%
11.1%	50.7	50.7	0.0	-0.1%
12.3%	50.7	50.7	0.0	0.0%
13.6%	50.5	50.7	0.1	0.2%
14.8%	50.5	50.5	0.0	0.0%
16.0%	50.5	50.5	0.0	-0.1%
17.3%	50.3	50.4	0.1	0.2%
18.5%	50.3	50.4	0.1	0.2%
19.8%	50.1	50.4	0.2	0.4%
21.0%	50.1	50.3	0.2	0.5%
22.2%	50.0	50.2	0.2	0.4%
23.5%	50.0	50.2	0.2	0.3%
24.7%	50.0	50.2	0.2	0.4%
25.9%	50.0	50.2	0.2	0.3%
27.2%	49.9	50.1	0.2	0.3%
28.4%	49.9	50.1	0.2	0.3%
29.6%	49.9	50.0	0.1	0.3%
30.9%	49.8	50.0	0.3	0.5%
32.1%	49.7	50.0	0.3	0.6%
33.3%	49.7	50.0	0.3	0.5%
34.6%	49.7	50.0	0.3	0.6%
35.8%	49.7	49.9	0.2	0.5%
37.0%	49.6	49.9	0.2	0.5%
38.3%	49.6	49.8	0.3	0.5%
39.5%	49.5	49.8	0.2	0.5%
40.7%	49.5	49.7	0.1	0.2%
42.0%	49.5	49.7	0.1	0.3%
43.2%	49.5	49.6	0.1	0.3%
44.4%	49.5	49.5	0.1	0.1%
45.7%	49.5	49.5	0.0	0.1%
46.9%	49.5	49.4	0.0	0.0%
48.1%	49.3	49.4	0.1	0.2%
49.4%	49.3	49.4	0.2	0.3%
50.6%	49.2	49.4	0.2	0.4%
51.9%	49.2	49.3	0.1	0.2%
53.1%	49.2	49.3	0.1	0.2%
54.3%	49.2	49.3	0.1	0.2%
55.6%	49.2	49.3	0.1	0.2%
56.8%	49.0	49.2	0.2	0.5%
58.0%	48.9	49.2	0.3	0.7%
59.3%	48.9	49.1	0.2	0.5%
60.5%	48.9	49.1	0.2	0.5%
61.7%	48.8	49.0	0.2	0.5%
63.0%	48.8	48.9	0.1	0.3%
64.2%	48.7	48.9	0.2	0.5%
65.4%	48.7	48.9	0.2	0.5%
66.7%	48.7	48.9	0.2	0.5%
67.9%	48.7	48.8	0.1	0.2%
69.1%	48.7	48.7	0.0	0.1%
70.4%	48.6	48.6	0.0	0.0%
71.6%	48.6	48.6	0.0	0.0%
72.8%	48.4	48.6	0.2	0.3%
74.1%	48.4	48.5	0.1	0.2%
75.3%	48.4	48.5	0.1	0.3%
76.5%	48.3	48.4	0.1	0.1%
77.8%	48.3	48.3	0.0	0.1%
79.0%	48.2	48.3	0.1	0.1%
80.2%	48.2	48.3	0.1	0.2%
81.5%	48.2	48.2	0.1	0.1%
82.7%	48.1	48.2	0.1	0.3%
84.0%	48.0	48.2	0.2	0.4%
85.2%	48.0	48.1	0.1	0.3%
86.4%	48.0	48.1	0.1	0.3%
87.7%	47.7	48.1	0.4	0.8%
88.9%	47.5	47.7	0.2	0.4%
90.1%	47.5	47.7	0.2	0.5%
91.4%	47.4	47.6	0.2	0.4%
92.6%	47.4	47.6	0.2	0.4%
93.8%	47.3	47.4	0.1	0.2%
95.1%	47.0	47.3	0.3	0.7%
96.3%	46.9	47.2	0.3	0.6%
97.5%	46.6	47.0	0.4	0.9%
98.8%	46.6	46.5	0.0	-0.1%
100.0%	46.6	46.5	0.0	-0.1%

May				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	55.3	55.2	-0.1	-0.1%
1.2%	55.0	55.2	0.2	0.3%
2.5%	55.0	54.9	-0.1	-0.2%
3.7%	55.0	53.8	-1.2	-2.1%
4.9%	52.9	53.2	0.4	0.7%
6.2%	52.7	53.0	0.3	0.6%
7.4%	52.2	52.2	0.0	0.0%
8.6%	52.1	52.2	0.1	0.2%
9.9%	52.0	52.1	0.1	0.3%
11.1%	52.0	52.1	0.1	0.2%
12.3%	51.6	51.8	0.3	0.5%
13.6%	51.6	51.8	0.2	0.4%
14.8%	51.4	51.6	0.3	0.5%
16.0%	51.4	51.6	0.2	0.4%
17.3%	51.3	51.5	0.2	0.4%
18.5%	51.3	51.5	0.2	0.3%
19.8%	51.3	51.5	0.2	0.4%
21.0%	51.2	51.4	0.1	0.3%
22.2%	51.1	51.4	0.3	0.6%
23.5%	51.0	51.3	0.3	0.6%
24.7%	51.0	51.3	0.3	0.6%
25.9%	50.9	51.3	0.3	0.6%
27.2%	50.9	51.2	0.3	0.5%
28.4%	50.9	51.2	0.3	0.6%
29.6%	50.9	51.2	0.3	0.6%
30.9%	50.8	51.1	0.3	0.7%
32.1%	50.8	51.1	0.3	0.6%
33.3%	50.8	51.0	0.2	0.4%
34.6%	50.7	51.0	0.3	0.6%
35.8%	50.6	50.9	0.3	0.5%
37.0%	50.6	50.8	0.2	0.4%
38.3%	50.6	50.8	0.2	0.4%
39.5%	50.5	50.8	0.2	0.4%
40.7%	50.5	50.7	0.2	0.4%
42.0%	50.5	50.7	0.2	0.4%
43.2%	50.5	50.7	0.2	0.4%
44.4%	50.4	50.7	0.3	0.6%
45.7%	50.4	50.6	0.3	0.5%
46.9%	50.3	50.6	0.4	0.7%
48.1%	50.2	50.6	0.4	0.7%
49.4%	50.1	50.5	0.4	0.8%
50.6%	50.1	50.5	0.4	0.8%
51.9%	50.1	50.5	0.4	0.8%
53.1%	50.1	50.5	0.4	0.9%
54.3%	50.1	50.5	0.4	0.8%
55.6%	50.0	50.4	0.4	0.9%
56.8%	49.8	50.4	0.6	1.1%
58.0%	49.8	50.2	0.5	1.0%
59.3%	49.7	50.1	0.4	0.8%
60.5%	49.7	50.0	0.3	0.7%
61.7%	49.7	50.0	0.3	0.7%
63.0%	49.6	50.0	0.4	0.7%
64.2%	49.6	50.0	0.4	0.7%
65.4%	49.6	50.0	0.4	0.8%
66.7%	49.6	49.9	0.3	0.6%
67.9%	49.6	49.9	0.3	0.6%
69.1%	49.5	49.8	0.4	0.7%
70.4%	49.5	49.8	0.4	0.7%
71.6%	49.4	49.8	0.4	0.8%
72.8%	49.4	49.7	0.3	0.7%
74.1%	49.4	49.7	0.3	0.7%
75.3%	49.3	49.7	0.4	0.7%
76.5%	49.3	49.6	0.3	0.6%
77.8%	49.3	49.6	0.4	0.7%
79.0%	49.2	49.6	0.4	0.8%
80.2%	49.1	49.6	0.4	0.9%
81.5%	49.1	49.5	0.5	1.0%
82.7%	49.0	49.5	0.5	0.9%
84.0%	49.0	49.5	0.5	1.0%
85.2%	49.0	49.5	0.5	0.9%
86.4%	48.8	49.4	0.6	1.2%
87.7%	48.8	49.3	0.5	1.1%
88.9%	48.6	49.2	0.6	1.2%
90.1%	48.6	49.2	0.6	1.3%
91.4%	48.4	49.0	0.6	1.1%
92.6%	48.3	49.0	0.7	1.3%
93.8%	48.3	48.9	0.6	1.2%
95.1%	48.2	48.8	0.6	1.2%
96.3%	48.2	48.7	0.5	1.0%
97.5%	48.1	48.6	0.6	1.2%
98.8%	48.0	48.1	0.1	0.2%
100.0%	48.0	48.1	0.1	0.2%

Table SQ2-1b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.1	55.1	-1.0	-1.7%
1.2%	54.9	53.8	-1.2	-2.1%
2.5%	54.9	53.6	-1.3	-2.3%
3.7%	54.8	53.6	-1.1	-2.1%
4.9%	54.6	53.6	-1.0	-1.8%
6.2%	53.9	53.6	-0.3	-0.6%
7.4%	53.7	53.3	-0.4	-0.7%
8.6%	53.7	53.2	-0.4	-0.8%
9.9%	53.5	53.2	-0.3	-0.5%
11.1%	53.1	53.2	0.1	0.2%
12.3%	53.0	53.2	0.2	0.4%
13.6%	52.8	53.1	0.3	0.6%
14.8%	52.7	52.9	0.2	0.4%
16.0%	52.7	52.8	0.2	0.3%
17.3%	52.6	52.7	0.1	0.2%
18.5%	52.6	52.7	0.1	0.2%
19.8%	52.5	52.6	0.2	0.3%
21.0%	52.5	52.6	0.2	0.3%
22.2%	52.4	52.6	0.1	0.3%
23.5%	52.4	52.4	0.1	0.1%
24.7%	52.2	52.4	0.2	0.4%
25.9%	52.2	52.3	0.1	0.2%
27.2%	52.1	52.3	0.2	0.3%
28.4%	51.9	52.2	0.4	0.7%
29.6%	51.8	52.2	0.4	0.8%
30.9%	51.8	52.2	0.4	0.8%
32.1%	51.6	52.1	0.5	1.1%
33.3%	51.5	51.9	0.4	0.7%
34.6%	51.5	51.8	0.3	0.7%
35.8%	51.5	51.8	0.3	0.7%
37.0%	51.5	51.7	0.2	0.5%
38.3%	51.4	51.7	0.3	0.5%
39.5%	51.4	51.6	0.2	0.3%
40.7%	51.4	51.5	0.1	0.2%
42.0%	51.4	51.4	0.1	0.2%
43.2%	51.1	51.4	0.3	0.6%
44.4%	51.1	51.4	0.3	0.5%
45.7%	50.9	51.2	0.3	0.6%
46.9%	50.9	51.2	0.3	0.6%
48.1%	50.9	51.2	0.3	0.6%
49.4%	50.8	51.2	0.3	0.7%
50.6%	50.8	51.2	0.4	0.7%
51.9%	50.7	51.1	0.4	0.7%
53.1%	50.6	51.1	0.4	0.9%
54.3%	50.6	51.0	0.4	0.8%
55.6%	50.6	51.0	0.4	0.8%
56.8%	50.6	51.0	0.4	0.8%
58.0%	50.6	50.9	0.3	0.6%
59.3%	50.5	50.9	0.4	0.8%
60.5%	50.5	50.9	0.4	0.7%
61.7%	50.2	50.7	0.6	1.1%
63.0%	50.2	50.7	0.5	1.0%
64.2%	50.1	50.6	0.5	1.0%
65.4%	50.1	50.5	0.4	0.9%
66.7%	50.0	50.5	0.4	0.9%
67.9%	50.0	50.5	0.5	1.0%
69.1%	49.9	50.4	0.5	1.0%
70.4%	49.9	50.4	0.5	1.0%
71.6%	49.8	50.4	0.6	1.1%
72.8%	49.7	50.3	0.7	1.3%
74.1%	49.7	50.2	0.5	1.1%
75.3%	49.7	50.2	0.5	1.1%
76.5%	49.6	50.2	0.5	1.0%
77.8%	49.6	50.1	0.5	1.0%
79.0%	49.6	50.1	0.5	1.1%
80.2%	49.5	50.1	0.6	1.1%
81.5%	49.5	50.0	0.5	1.1%
82.7%	49.5	49.9	0.5	1.0%
84.0%	49.4	49.9	0.5	1.1%
85.2%	49.4	49.9	0.5	1.0%
86.4%	49.4	49.9	0.5	1.1%
87.7%	49.2	49.9	0.7	1.4%
88.9%	49.1	49.8	0.7	1.4%
90.1%	49.0	49.8	0.8	1.5%
91.4%	49.0	49.7	0.7	1.4%
92.6%	49.0	49.7	0.7	1.4%
93.8%	48.9	49.4	0.5	1.1%
95.1%	48.8	49.2	0.5	0.9%
96.3%	48.5	49.0	0.5	1.0%
97.5%	48.3	48.9	0.6	1.3%
98.8%	48.2	48.7	0.5	0.9%
100.0%	48.2	48.7	0.5	0.9%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	63.3	63.7	0.3	0.5%
1.2%	58.7	55.1	-3.6	-6.1%
2.5%	57.1	54.5	-2.6	-4.5%
3.7%	55.2	54.3	-0.9	-1.6%
4.9%	55.2	54.1	-1.1	-2.0%
6.2%	55.1	54.0	-1.0	-1.9%
7.4%	54.9	54.0	-0.9	-1.7%
8.6%	54.7	53.9	-0.8	-1.4%
9.9%	54.7	53.9	-0.8	-1.4%
11.1%	54.6	53.8	-0.8	-1.4%
12.3%	54.6	53.8	-0.8	-1.5%
13.6%	54.6	53.6	-1.0	-1.8%
14.8%	54.5	53.6	-0.9	-1.7%
16.0%	54.5	53.6	-0.9	-1.7%
17.3%	54.4	53.6	-0.8	-1.5%
18.5%	54.4	53.6	-0.8	-1.5%
19.8%	54.4	53.6	-0.8	-1.5%
21.0%	54.2	53.5	-0.7	-1.3%
22.2%	54.2	53.5	-0.7	-1.3%
23.5%	54.1	53.4	-0.7	-1.3%
24.7%	54.1	53.4	-0.7	-1.3%
25.9%	53.9	53.3	-0.5	-1.0%
27.2%	53.8	53.3	-0.5	-1.0%
28.4%	53.7	53.2	-0.5	-1.0%
29.6%	53.7	53.2	-0.5	-0.9%
30.9%	53.5	53.2	-0.3	-0.6%
32.1%	53.3	53.2	-0.2	-0.3%
33.3%	53.3	53.2	-0.1	-0.2%
34.6%	53.1	53.1	0.0	-0.1%
35.8%	53.1	53.0	0.0	-0.1%
37.0%	52.9	53.0	0.1	0.1%
38.3%	52.8	53.0	0.2	0.3%
39.5%	52.7	52.9	0.2	0.3%
40.7%	52.6	52.9	0.2	0.5%
42.0%	52.6	52.9	0.3	0.5%
43.2%	52.6	52.8	0.2	0.3%
44.4%	52.5	52.7	0.2	0.3%
45.7%	52.5	52.7	0.2	0.4%
46.9%	52.4	52.6	0.3	0.5%
48.1%	52.3	52.6	0.3	0.6%
49.4%	52.3	52.6	0.3	0.6%
50.6%	52.3	52.5	0.2	0.4%
51.9%	52.2	52.5	0.2	0.4%
53.1%	51.9	52.4	0.4	0.8%
54.3%	51.9	52.2	0.3	0.6%
55.6%	51.9	52.2	0.3	0.6%
56.8%	51.9	52.2	0.3	0.6%
58.0%	51.8	52.2	0.3	0.7%
59.3%	51.8	52.2	0.3	0.6%
60.5%	51.8	52.1	0.3	0.5%
61.7%	51.8	52.0	0.3	0.5%
63.0%	51.7	51.9	0.2	0.4%
64.2%	51.6	51.9	0.3	0.5%
65.4%	51.6	51.9	0.3	0.6%
66.7%	51.6	51.9	0.3	0.6%
67.9%	51.6	51.9	0.3	0.6%
69.1%	51.5	51.9	0.4	0.7%
70.4%	51.4	51.8	0.4	0.7%
71.6%	51.3	51.8	0.5	0.9%
72.8%	51.3	51.6	0.3	0.6%
74.1%	51.3	51.5	0.2	0.5%
75.3%	51.1	51.5	0.4	0.7%
76.5%	51.0	51.5	0.5	0.9%
77.8%	51.0	51.5	0.5	0.9%
79.0%	50.9	51.5	0.6	1.1%
80.2%	50.9	51.4	0.5	1.1%
81.5%	50.9	51.2	0.3	0.6%
82.7%	50.9	51.2	0.3	0.6%
84.0%	50.9	51.1	0.3	0.5%
85.2%	50.8	51.1	0.3	0.6%
86.4%	50.7	51.1	0.4	0.7%
87.7%	50.7	51.1	0.4	0.8%
88.9%	50.4	50.9	0.4	0.9%
90.1%	50.4	50.8	0.5	0.9%
91.4%	50.2	50.7	0.5	0.9%
92.6%	50.2	50.5	0.3	0.6%
93.8%	50.1	50.5	0.4	0.8%
95.1%	49.9	50.5	0.6	1.1%
96.3%	49.9	50.3	0.4	0.8%
97.5%	49.9	50.0	0.1	0.1%
98.8%	49.7	49.9	0.2	0.3%
100.0%	49.7	49.9	0.2	0.3%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.6	68.3	0.7	1.1%
1.2%	64.7	63.7	-0.9	-1.5%
2.5%	63.7	60.5	-3.2	-5.0%
3.7%	63.3	60.4	-2.9	-4.5%
4.9%	59.3	56.7	-2.6	-4.4%
6.2%	59.2	54.9	-4.3	-7.3%
7.4%	55.7	54.8	-0.8	-1.5%
8.6%	55.6	54.6	-1.0	-1.7%
9.9%	55.1	54.5	-0.6	-1.1%
11.1%	55.1	54.4	-0.6	-1.2%
12.3%	54.9	54.2	-0.7	-1.2%
13.6%	54.7	54.1	-0.6	-1.1%
14.8%	54.6	54.1	-0.5	-0.9%
16.0%	54.5	54.0	-0.5	-0.8%
17.3%	54.5	54.0	-0.5	-0.8%
18.5%	54.4	53.9	-0.5	-0.9%
19.8%	54.4	53.8	-0.5	-1.0%
21.0%	54.3	53.8	-0.5	-1.0%
22.2%	54.3	53.8	-0.5	-1.0%
23.5%	54.2	53.7	-0.6	-1.1%
24.7%	54.2	53.6	-0.5	-1.0%
25.9%	54.1	53.6	-0.5	-0.9%
27.2%	54.1	53.6	-0.5	-1.0%
28.4%	54.1	53.6	-0.5	-1.0%
29.6%	54.0	53.5	-0.4	-0.8%
30.9%	53.9	53.5	-0.4	-0.8%
32.1%	53.9	53.5	-0.4	-0.8%
33.3%	53.8	53.5	-0.4	-0.7%
34.6%	53.8	53.4	-0.4	-0.7%
35.8%	53.8	53.4	-0.4	-0.7%
37.0%	53.7	53.4	-0.4	-0.7%
38.3%	53.7	53.4	-0.4	-0.7%
39.5%	53.7	53.3	-0.3	-0.6%
40.7%	53.6	53.3	-0.3	-0.6%
42.0%	53.6	53.2	-0.4	-0.7%
43.2%	53.6	53.2	-0.4	-0.7%
44.4%	53.6	53.2	-0.4	-0.7%
45.7%	53.6	53.2	-0.4	-0.8%
46.9%	53.5	53.1	-0.4	-0.8%
48.1%	53.5	53.1	-0.4	-0.8%
49.4%	53.5	53.1	-0.4	-0.8%
50.6%	53.5	53.1	-0.4	-0.7%
51.9%	53.4	53.1	-0.4	-0.7%
53.1%	53.4	53.1	-0.4	-0.7%
54.3%	53.4	53.1	-0.4	-0.7%
55.6%	53.3	53.0	-0.3	-0.5%
56.8%	53.3	53.0	-0.3	-0.6%
58.0%	53.3	53.0	-0.3	-0.6%
59.3%	53.3	53.0	-0.3	-0.6%
60.5%	53.3	53.0	-0.3	-0.6%
61.7%	53.2	52.9	-0.3	-0.6%
63.0%	53.2	52.9	-0.3	-0.6%
64.2%	53.2	52.9	-0.3	-0.6%
65.4%	53.2	52.9	-0.3	-0.5%
66.7%	53.1	52.8	-0.3	-0.6%
67.9%	53.1	52.8	-0.3	-0.5%
69.1%	53.1	52.8	-0.2	-0.5%
70.4%	53.0	52.8	-0.2	-0.3%
71.6%	53.0	52.8	-0.2	-0.3%
72.8%	53.0	52.7	-0.2	-0.4%
74.1%	52.9	52.7	-0.2	-0.4%
75.3%	52.9	52.7	-0.2	-0.4%
76.5%	52.9	52.7	-0.2	-0.3%
77.8%	52.8	52.7	-0.2	-0.3%
79.0%	52.7	52.6	0.0	0.0%
80.2%	52.6	52.6	0.0	0.0%
81.5%	52.6	52.5	0.0	0.0%
82.7%	52.4	52.4	0.0	0.1%
84.0%	52.4	52.4	0.0	0.1%
85.2%	52.3	52.4	0.1	0.2%
86.4%	52.3	52.3	0.0	0.0%
87.7%	52.2	52.1	-0.2	-0.3%
88.9%	52.1	51.8	-0.3	-0.6%
90.1%	52.1	51.6	-0.5	-0.9%
91.4%	51.9	51.6	-0.3	-0.5%
92.6%	51.9	51.4	-0.5	-1.0%
93.8%	51.7	51.1	-0.6	-1.2%
95.1%	51.3	51.0	-0.3	-0.6%
96.3%	51.0	50.6	-0.4	-0.9%
97.5%	50.9	50.4	-0.5	-1.1%
98.8%	50.6	50.0	-0.6	-1.3%
100.0%	50.6	50.0	-0.6	-1.3%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	69.0	68.6	-0.4	-0.5%
1.2%	68.7	66.3	-2.3	-3.4%
2.5%	67.7	66.0	-1.7	-2.6%
3.7%	67.6	65.0	-2.6	-3.8%
4.9%	65.9	61.2	-4.7	-7.1%
6.2%	64.8	61.1	-3.7	-5.7%
7.4%	63.6	60.0	-3.5	-5.6%
8.6%	62.2	58.4	-3.7	-6.0%
9.9%	61.1	57.6	-3.5	-5.8%
11.1%	60.6	57.5	-3.1	-5.2%
12.3%	59.4	57.2	-2.2	-3.6%
13.6%	57.7	56.3	-1.3	-2.3%
14.8%	57.3	56.3	-0.9	-1.7%
16.0%	57.2	56.1	-1.1	-1.9%
17.3%	56.5	55.6	-0.9	-1.6%
18.5%	56.3	55.6	-0.7	-1.2%
19.8%	56.0	55.2	-0.8	-1.4%
21.0%	55.5	55.1	-0.4	-0.7%
22.2%	55.4	54.6	-0.7	-1.3%
23.5%	55.1	54.6	-0.5	-0.9%
24.7%	54.8	54.4	-0.4	-0.7%
25.9%	54.8	54.3	-0.5	-0.8%
27.2%	54.8	54.3	-0.5	-1.0%
28.4%	54.7	54.2	-0.5	-0.9%
29.6%	54.6	54.1	-0.6	-1.0%
30.9%	54.6	53.9	-0.7	-1.2%
32.1%	54.6	53.8	-0.7	-1.3%
33.3%	54.5	53.8	-0.7	-1.3%
34.6%	54.4	53.7	-0.7	-1.3%
35.8%	54.4	53.7	-0.7	-1.3%
37.0%	54.1	53.7	-0.5	-0.9%
38.3%	54.1	53.5	-0.5	-1.0%
39.5%	54.0	53.4	-0.6	-1.2%
40.7%	54.0	53.4	-0.6	-1.1%
42.0%	53.9	53.4	-0.5	-1.0%
43.2%	53.8	53.3	-0.5	-0.9%
44.4%	53.8	53.3	-0.4	-0.8%
45.7%	53.8	53.3	-0.5	-0.9%
46.9%	53.7	53.2	-0.6	-1.0%
48.1%	53.7	53.1	-0.6	-1.1%
49.4%	53.6	53.0	-0.6	-1.2%
50.6%	53.6	53.0	-0.6	-1.1%
51.9%	53.5	53.0	-0.5	-1.0%
53.1%	53.5	53.0	-0.5	-1.0%
54.3%	53.3	52.9	-0.4	-0.8%
55.6%	53.3	52.9	-0.4	-0.7%
56.8%	53.1	52.9	-0.2	-0.4%
58.0%	53.1	52.9	-0.2	-0.5%
59.3%	53.1	52.8	-0.3	-0.5%
60.5%	53.1	52.7	-0.4	-0.7%
61.7%	53.0	52.7	-0.4	-0.7%
63.0%	52.9	52.6	-0.3	-0.6%
64.2%	52.8	52.5	-0.3	-0.6%
65.4%	52.8	52.5	-0.3	-0.6%
66.7%	52.8	52.5	-0.3	-0.5%
67.9%	52.6	52.4	-0.1	-0.2%
69.1%	52.4	52.4	0.1	0.1%
70.4%	52.2	52.4	0.2	0.4%
71.6%	52.2	52.3	0.2	0.4%
72.8%	52.0	52.3	0.3	0.5%
74.1%	52.0	52.3	0.3	0.6%
75.3%	51.8	52.2	0.4	0.7%
76.5%	51.7	51.9	0.2	0.3%
77.8%	51.7	51.8	0.1	0.2%
79.0%	51.6	51.8	0.1	0.3%
80.2%	51.6	51.7	0.1	0.3%
81.5%	51.6	51.6	0.0	0.0%
82.7%	51.6	51.6	0.0	0.0%
84.0%	51.5	51.4	0.0	-0.1%
85.2%	51.4	51.2	-0.2	-0.4%
86.4%	51.3	51.1	-0.2	-0.4%
87.7%	51.3	51.1	-0.2	-0.4%
88.9%	51.2	51.0	-0.1	-0.3%
90.1%	51.2	51.0	-0.1	-0.3%
91.4%	50.9	50.9	0.0	-0.1%
92.6%	50.9	50.8	0.0	0.0%
93.8%	50.8	50.8	0.0	0.1%
95.1%	50.8	50.8	0.0	0.1%
96.3%	50.7	50.8	0.1	0.2%
97.5%	50.6	50.7	0.1	0.1%
98.8%	50.6	50.6	-0.1	-0.1%
100.0%	50.6	50.6	-0.1	-0.1%

Table SQ2-1b

Sacramento River below Keswick, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	63.2	63.3	0.0	0.1%
1.2%	61.5	60.0	-1.4	-2.3%
2.5%	61.1	58.7	-2.4	-3.8%
3.7%	60.1	58.1	-1.9	-3.2%
4.9%	59.1	55.8	-3.3	-5.5%
6.2%	57.6	55.8	-1.7	-3.0%
7.4%	56.8	55.3	-1.5	-2.6%
8.6%	56.8	54.6	-2.1	-3.8%
9.9%	56.2	54.6	-1.6	-2.9%
11.1%	55.5	54.4	-1.1	-1.9%
12.3%	55.1	54.4	-0.7	-1.3%
13.6%	54.8	54.4	-0.4	-0.8%
14.8%	54.8	54.2	-0.5	-1.0%
16.0%	54.8	54.2	-0.6	-1.1%
17.3%	54.6	54.0	-0.6	-1.2%
18.5%	54.5	53.9	-0.6	-1.1%
19.8%	54.2	53.9	-0.3	-0.6%
21.0%	54.2	53.8	-0.4	-0.7%
22.2%	54.1	53.7	-0.3	-0.6%
23.5%	54.0	53.7	-0.3	-0.6%
24.7%	53.8	53.6	-0.2	-0.3%
25.9%	53.7	53.6	-0.1	-0.1%
27.2%	53.6	53.5	-0.1	-0.3%
28.4%	53.6	53.3	-0.2	-0.4%
29.6%	53.5	53.3	-0.2	-0.4%
30.9%	53.4	53.3	-0.2	-0.3%
32.1%	53.2	53.1	-0.1	-0.2%
33.3%	53.2	53.0	-0.2	-0.4%
34.6%	53.1	52.9	-0.3	-0.5%
35.8%	53.1	52.9	-0.2	-0.5%
37.0%	52.9	52.8	0.0	0.0%
38.3%	52.8	52.8	-0.1	-0.1%
39.5%	52.8	52.8	0.0	-0.1%
40.7%	52.7	52.7	-0.1	-0.1%
42.0%	52.7	52.7	-0.1	-0.1%
43.2%	52.7	52.6	-0.1	-0.1%
44.4%	52.7	52.6	-0.1	-0.2%
45.7%	52.6	52.6	0.0	-0.1%
46.9%	52.6	52.5	-0.1	-0.2%
48.1%	52.6	52.5	-0.1	-0.2%
49.4%	52.6	52.5	-0.1	-0.2%
50.6%	52.5	52.4	-0.1	-0.2%
51.9%	52.5	52.3	-0.2	-0.4%
53.1%	52.4	52.3	-0.1	-0.2%
54.3%	52.3	52.3	0.0	-0.1%
55.6%	52.3	52.2	-0.1	-0.1%
56.8%	52.3	52.2	-0.1	-0.1%
58.0%	52.1	52.2	0.1	0.1%
59.3%	52.1	52.2	0.0	0.1%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	52.0	0.0	0.1%
63.0%	52.0	52.0	0.0	0.1%
64.2%	52.0	51.9	0.0	0.0%
65.4%	51.9	51.9	0.0	0.0%
66.7%	51.8	51.9	0.1	0.2%
67.9%	51.8	51.9	0.1	0.2%
69.1%	51.8	51.9	0.1	0.2%
70.4%	51.8	51.8	0.1	0.1%
71.6%	51.7	51.8	0.1	0.2%
72.8%	51.6	51.7	0.1	0.2%
74.1%	51.5	51.7	0.2	0.4%
75.3%	51.5	51.5	0.0	0.0%
76.5%	51.5	51.5	0.0	0.0%
77.8%	51.4	51.4	0.0	0.0%
79.0%	51.4	51.4	0.0	0.1%
80.2%	51.3	51.4	0.1	0.2%
81.5%	51.3	51.4	0.1	0.2%
82.7%	51.2	51.2	0.1	0.1%
84.0%	51.1	51.2	0.1	0.2%
85.2%	51.1	51.2	0.1	0.1%
86.4%	51.0	51.2	0.2	0.3%
87.7%	50.9	51.1	0.2	0.3%
88.9%	50.9	51.0	0.2	0.3%
90.1%	50.8	51.0	0.1	0.3%
91.4%	50.7	50.9	0.2	0.4%
92.6%	50.5	50.9	0.4	0.8%
93.8%	50.5	50.9	0.4	0.8%
95.1%	50.4	50.6	0.2	0.4%
96.3%	50.3	50.6	0.3	0.6%
97.5%	50.0	50.5	0.5	0.9%
98.8%	49.9	50.2	0.3	0.6%
100.0%	49.9	50.0	0.2	0.3%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	65.6	66.0	0.4	0.6%
1.2%	64.0	62.5	-1.5	-2.4%
2.5%	63.1	60.4	-2.7	-4.3%
3.7%	62.2	59.9	-2.3	-3.7%
4.9%	60.6	57.0	-3.6	-5.9%
6.2%	59.1	56.5	-2.6	-4.3%
7.4%	58.2	55.9	-2.3	-3.9%
8.6%	57.4	55.5	-1.9	-3.3%
9.9%	57.1	55.3	-1.8	-3.1%
11.1%	56.7	54.9	-1.8	-3.1%
12.3%	55.9	54.9	-1.0	-1.8%
13.6%	55.5	54.8	-0.7	-1.2%
14.8%	55.3	54.6	-0.7	-1.3%
16.0%	55.3	54.6	-0.7	-1.2%
17.3%	55.2	54.3	-0.9	-1.6%
18.5%	55.2	54.3	-0.9	-1.7%
19.8%	54.8	54.2	-0.6	-1.2%
21.0%	54.7	54.1	-0.6	-1.1%
22.2%	54.5	54.0	-0.5	-0.9%
23.5%	54.2	53.9	-0.3	-0.6%
24.7%	54.2	53.9	-0.3	-0.6%
25.9%	54.2	53.8	-0.4	-0.7%
27.2%	54.1	53.7	-0.4	-0.8%
28.4%	54.1	53.6	-0.5	-0.9%
29.6%	54.0	53.6	-0.4	-0.8%
30.9%	54.0	53.5	-0.5	-0.9%
32.1%	53.9	53.5	-0.4	-0.8%
33.3%	53.9	53.5	-0.4	-0.7%
34.6%	53.7	53.4	-0.3	-0.6%
35.8%	53.6	53.3	-0.3	-0.6%
37.0%	53.6	53.2	-0.3	-0.6%
38.3%	53.5	53.2	-0.3	-0.6%
39.5%	53.5	53.2	-0.3	-0.6%
40.7%	53.4	53.1	-0.3	-0.6%
42.0%	53.4	53.1	-0.3	-0.5%
43.2%	53.3	53.0	-0.3	-0.5%
44.4%	53.3	53.0	-0.2	-0.4%
45.7%	53.3	52.9	-0.3	-0.6%
46.9%	53.2	52.9	-0.3	-0.5%
48.1%	53.2	52.9	-0.3	-0.6%
49.4%	53.2	52.9	-0.3	-0.6%
50.6%	53.0	52.9	-0.2	-0.3%
51.9%	53.0	52.8	-0.2	-0.4%
53.1%	52.9	52.8	-0.1	-0.2%
54.3%	52.9	52.8	-0.1	-0.2%
55.6%	52.8	52.8	-0.1	-0.1%
56.8%	52.8	52.7	-0.1	-0.1%
58.0%	52.8	52.7	-0.1	-0.1%
59.3%	52.7	52.7	-0.1	-0.1%
60.5%	52.6	52.6	0.1	0.1%
61.7%	52.6	52.5	0.0	-0.1%
63.0%	52.5	52.4	0.0	-0.1%
64.2%	52.5	52.4	0.0	-0.1%
65.4%	52.4	52.4	0.0	0.0%
66.7%	52.4	52.4	0.0	0.0%
67.9%	52.4	52.4	0.0	-0.1%
69.1%	52.3	52.3	-0.1	-0.1%
70.4%	52.3	52.3	0.0	0.0%
71.6%	52.2	52.2	0.0	0.0%
72.8%	52.2	52.2	0.0	0.0%
74.1%	52.1	52.1	0.0	0.1%
75.3%	52.1	52.0	0.0	-0.1%
76.5%	52.0	51.9	-0.1	-0.2%
77.8%	51.9	51.9	0.0	0.0%
79.0%	51.9	51.8	-0.1	-0.2%
80.2%	51.9	51.8	-0.1	-0.2%
81.5%	51.9	51.7	-0.2	-0.3%
82.7%	51.8	51.7	-0.1	-0.3%
84.0%	51.8	51.6	-0.2	-0.3%
85.2%	51.7	51.6	-0.1	-0.2%
86.4%	51.5	51.6	0.1	0.2%
87.7%	51.4	51.5	0.1	0.2%
88.9%	51.3	51.5	0.2	0.3%
90.1%	51.2	51.3	0.2	0.3%
91.4%	51.1	51.2	0.1	0.1%
92.6%	51.1	51.2	0.0	0.1%
93.8%	51.0	51.1	0.1	0.2%
95.1%	51.0	51.0	0.1	0.1%
96.3%	50.7	50.9	0.2	0.4%
97.5%	50.6	50.7	0.2	0.4%
98.8%	50.4	50.7	0.2	0.5%
100.0%	50.3	50.6	0.3	0.6%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.7	67.1	0.4	0.6%
1.2%	66.7	66.2	-0.5	-0.7%
2.5%	66.1	63.4	-2.7	-4.1%
3.7%	65.7	62.7	-3.0	-4.6%
4.9%	63.4	58.9	-4.5	-7.1%
6.2%	61.4	57.8	-3.5	-5.8%
7.4%	60.0	57.0	-2.9	-4.9%
8.6%	58.9	56.7	-2.2	-3.8%
9.9%	58.1	56.2	-2.0	-3.4%
11.1%	58.1	55.7	-2.4	-4.1%
12.3%	56.6	55.7	-0.9	-1.6%
13.6%	56.2	55.4	-0.8	-1.5%
14.8%	55.8	55.2	-0.6	-1.0%
16.0%	55.8	55.0	-0.8	-1.5%
17.3%	55.6	54.8	-0.8	-1.4%
18.5%	55.5	54.8	-0.7	-1.3%
19.8%	54.9	54.5	-0.4	-0.8%
21.0%	54.9	54.5	-0.4	-0.8%
22.2%	54.7	54.1	-0.6	-1.0%
23.5%	54.7	54.1	-0.6	-1.1%
24.7%	54.5	54.0	-0.5	-1.0%
25.9%	54.4	54.0	-0.4	-0.8%
27.2%	54.3	53.9	-0.4	-0.7%
28.4%	54.3	53.8	-0.4	-0.8%
29.6%	54.3	53.8	-0.5	-0.9%
30.9%	54.1	53.7	-0.4	-0.7%
32.1%	54.0	53.7	-0.4	-0.7%
33.3%	54.0	53.6	-0.5	-0.9%
34.6%	53.9	53.5	-0.4	-0.7%
35.8%	53.8	53.5	-0.3	-0.6%
37.0%	53.8	53.5	-0.3	-0.6%
38.3%	53.8	53.5	-0.3	-0.6%
39.5%	53.8	53.3	-0.5	-0.9%
40.7%	53.8	53.3	-0.5	-0.9%
42.0%	53.7	53.3	-0.5	-0.9%
43.2%	53.7	53.2	-0.5	-0.8%
44.4%	53.7	53.2	-0.5	-0.9%
45.7%	53.7	53.2	-0.5	-0.9%
46.9%	53.6	53.1	-0.5	-0.9%
48.1%	53.6	53.1	-0.5	-0.9%
49.4%	53.6	53.1	-0.5	-0.9%
50.6%	53.5	53.1	-0.4	-0.7%
51.9%	53.5	53.0	-0.4	-0.8%
53.1%	53.5	53.0	-0.5	-0.9%
54.3%	53.5	53.0	-0.5	-0.8%
55.6%	53.4	52.9	-0.5	-1.0%
56.8%	53.4	52.9	-0.5	-0.9%
58.0%	53.3	52.9	-0.4	-0.8%
59.3%	53.2	52.9	-0.3	-0.6%
60.5%	53.2	52.8	-0.3	-0.7%
61.7%	52.9	52.7	-0.2	-0.4%
63.0%	52.9	52.7	-0.2	-0.3%
64.2%	52.8	52.7	-0.1	-0.3%
65.4%	52.8	52.7	-0.1	-0.3%
66.7%	52.8	52.6	-0.2	-0.3%
67.9%	52.7	52.6	-0.2	-0.3%
69.1%	52.7	52.6	-0.1	-0.2%
70.4%	52.6	52.6	-0.1	-0.1%
71.6%	52.6	52.4	-0.2	-0.4%
72.8%	52.6	52.4	-0.2	-0.4%
74.1%	52.6	52.3	-0.3	-0.6%
75.3%	52.6	52.3	-0.3	-0.6%
76.5%	52.5	52.2	-0.4	-0.7%
77.8%	52.5	52.2	-0.3	-0.6%
79.0%	52.3	52.0	-0.3	-0.5%
80.2%	52.3	52.0	-0.3	-0.5%
81.5%	52.2	52.0	-0.3	-0.5%
82.7%	52.2	51.9	-0.3	-0.6%
84.0%	52.0	51.9	-0.1	-0.3%
85.2%	51.9	51.7	-0.2	-0.4%
86.4%	51.9	51.7	-0.2	-0.4%
87.7%	51.8	51.7	-0.1	-0.2%
88.9%	51.7	51.6	-0.1	-0.2%
90.1%	51.7	51.6	-0.1	-0.2%
91.4%	51.6	51.4	-0.2	-0.5%
92.6%	51.4	51.4	-0.1	-0.1%
93.8%	51.3	51.3	0.0	0.1%
95.1%	51.2	51.1	-0.1	-0.3%
96.3%	51.1	51.0	-0.1	-0.2%
97.5%	51.1	50.9	-0.2	-0.3%
98.8%	50.7	50.9	0.2	0.4%
100.0%	50.6	50.8	0.2	0.3%

Figure SQ3-1b
Sacramento River at Bonnyview Bridge, Monthly Temperature
Probability of Exceedance

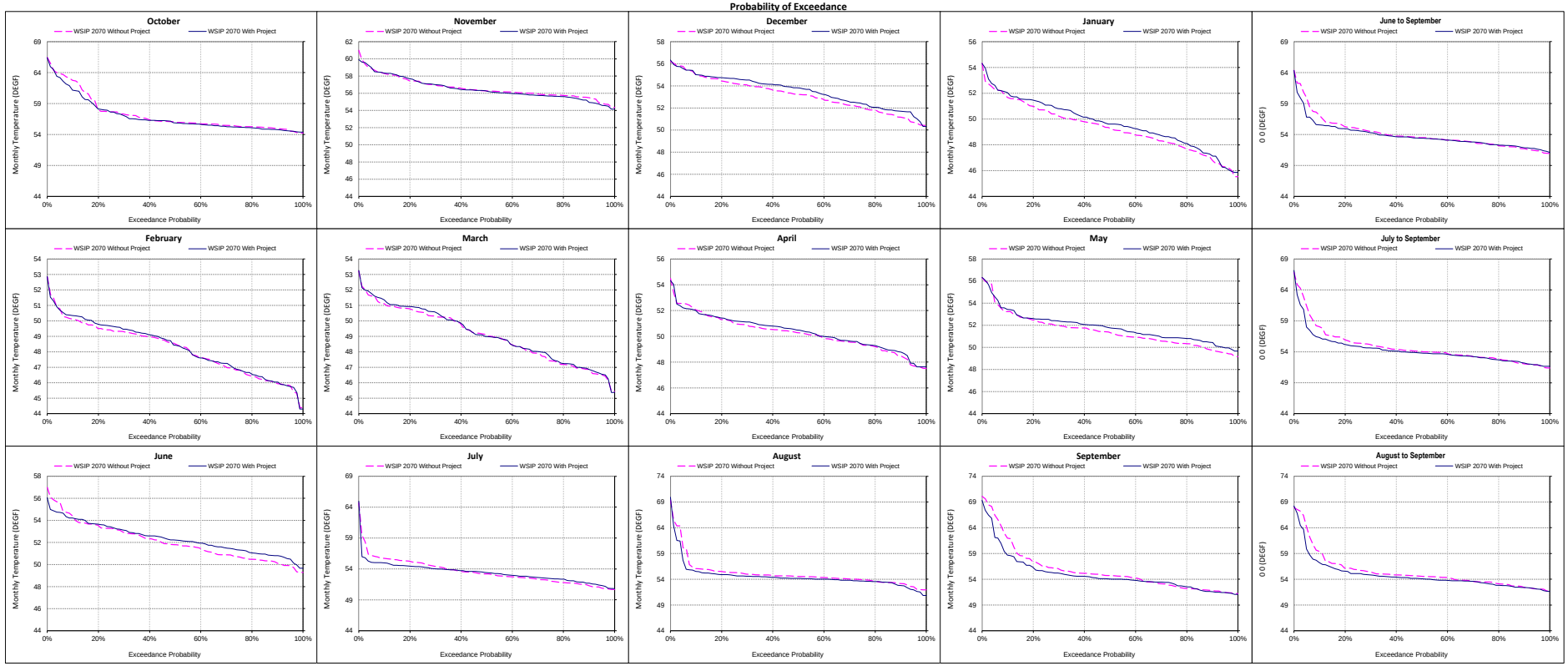


Table SQ3-1b

Sacramento River at Bonnyview Bridge, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.5	66.4	0.0	0.0%
1.2%	65.5	65.0	-0.5	-0.8%
2.5%	64.3	64.5	0.2	0.2%
3.7%	64.0	63.4	-0.6	-0.9%
4.9%	63.8	63.2	-0.6	-1.0%
6.2%	63.7	62.6	-1.1	-1.7%
7.4%	63.3	62.2	-1.1	-1.8%
8.6%	63.1	61.9	-1.2	-2.0%
9.9%	62.8	61.2	-1.6	-2.5%
11.1%	62.6	61.1	-1.6	-2.5%
12.3%	62.3	61.0	-1.3	-2.1%
13.6%	61.2	60.1	-1.1	-1.8%
14.8%	60.7	59.7	-1.1	-1.8%
16.0%	60.6	59.6	-0.9	-1.5%
17.3%	59.7	59.2	-0.5	-0.8%
18.5%	59.5	58.7	-0.8	-1.4%
19.8%	58.0	58.1	0.1	0.2%
21.0%	57.7	58.0	0.3	0.5%
22.2%	57.7	58.0	0.2	0.4%
23.5%	57.7	57.9	0.2	0.4%
24.7%	57.7	57.6	-0.1	-0.1%
25.9%	57.7	57.6	0.0	-0.1%
27.2%	57.7	57.4	-0.3	-0.5%
28.4%	57.3	57.3	0.0	0.0%
29.6%	57.3	57.1	-0.2	-0.4%
30.9%	57.2	56.9	-0.3	-0.5%
32.1%	57.1	56.6	-0.6	-1.0%
33.3%	57.1	56.5	-0.5	-0.9%
34.6%	57.1	56.5	-0.6	-1.0%
35.8%	56.8	56.4	-0.4	-0.7%
37.0%	56.7	56.4	-0.3	-0.5%
38.3%	56.6	56.4	-0.3	-0.5%
39.5%	56.4	56.3	-0.1	-0.2%
40.7%	56.3	56.3	0.0	0.1%
42.0%	56.2	56.3	0.1	0.1%
43.2%	56.2	56.3	0.1	0.1%
44.4%	56.1	56.3	0.1	0.2%
45.7%	56.1	56.3	0.1	0.2%
46.9%	56.1	56.2	0.1	0.1%
48.1%	56.1	56.1	0.1	0.1%
49.4%	56.1	55.9	-0.2	-0.3%
50.6%	56.0	55.9	-0.1	-0.2%
51.9%	55.9	55.8	-0.1	-0.2%
53.1%	55.9	55.8	-0.2	-0.3%
54.3%	55.9	55.8	-0.2	-0.3%
55.6%	55.9	55.7	-0.2	-0.3%
56.8%	55.9	55.7	-0.1	-0.3%
58.0%	55.8	55.7	-0.1	-0.3%
59.3%	55.8	55.7	-0.1	-0.2%
60.5%	55.7	55.6	-0.1	-0.2%
61.7%	55.7	55.5	-0.2	-0.3%
63.0%	55.7	55.5	-0.2	-0.3%
64.2%	55.7	55.5	-0.2	-0.3%
65.4%	55.7	55.4	-0.2	-0.4%
66.7%	55.6	55.4	-0.2	-0.4%
67.9%	55.5	55.3	-0.1	-0.3%
69.1%	55.5	55.3	-0.2	-0.3%
70.4%	55.5	55.3	-0.2	-0.4%
71.6%	55.5	55.2	-0.2	-0.4%
72.8%	55.4	55.2	-0.2	-0.4%
74.1%	55.3	55.2	-0.2	-0.3%
75.3%	55.3	55.2	-0.1	-0.2%
76.5%	55.3	55.2	-0.1	-0.2%
77.8%	55.3	55.1	-0.2	-0.3%
79.0%	55.3	55.1	-0.2	-0.3%
80.2%	55.3	55.1	-0.2	-0.3%
81.5%	55.2	55.1	-0.2	-0.3%
82.7%	55.2	55.0	-0.2	-0.3%
84.0%	55.2	54.9	-0.3	-0.6%
85.2%	55.1	54.9	-0.2	-0.4%
86.4%	55.1	54.9	-0.3	-0.5%
87.7%	55.1	54.8	-0.2	-0.4%
88.9%	55.0	54.8	-0.2	-0.3%
90.1%	54.9	54.8	-0.1	-0.3%
91.4%	54.9	54.8	-0.2	-0.3%
92.6%	54.8	54.7	-0.2	-0.4%
93.8%	54.8	54.6	-0.2	-0.4%
95.1%	54.5	54.5	0.0	0.0%
96.3%	54.5	54.5	0.0	0.1%
97.5%	54.3	54.4	0.1	0.2%
98.8%	54.2	54.4	0.2	0.3%
100.0%	54.2	54.4	0.0	0.3%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	61.0	59.9	-1.1	-1.8%
1.2%	59.9	59.6	-0.3	-0.5%
2.5%	59.4	59.6	0.2	0.3%
3.7%	59.0	59.3	0.3	0.5%
4.9%	58.9	59.0	0.1	0.2%
6.2%	58.7	58.5	-0.2	-0.3%
7.4%	58.5	58.5	0.0	0.0%
8.6%	58.4	58.5	0.0	0.1%
9.9%	58.3	58.3	0.0	0.1%
11.1%	58.2	58.3	0.1	0.2%
12.3%	58.2	58.3	0.1	0.2%
13.6%	58.1	58.2	0.1	0.2%
14.8%	58.1	58.1	0.0	0.0%
16.0%	57.8	58.0	0.1	0.2%
17.3%	57.7	57.9	0.2	0.4%
18.5%	57.7	57.8	0.2	0.3%
19.8%	57.5	57.7	0.2	0.4%
21.0%	57.5	57.6	0.2	0.3%
22.2%	57.4	57.4	0.0	0.0%
23.5%	57.4	57.3	-0.1	-0.1%
24.7%	57.2	57.2	0.0	0.0%
25.9%	57.1	57.1	0.0	0.0%
27.2%	57.0	57.1	0.1	0.1%
28.4%	57.0	57.1	0.1	0.1%
29.6%	57.0	57.0	0.0	0.0%
30.9%	56.9	57.0	0.1	0.2%
32.1%	56.9	57.0	0.1	0.2%
33.3%	56.8	56.9	0.1	0.1%
34.6%	56.7	56.7	0.0	0.0%
35.8%	56.7	56.6	-0.1	-0.2%
37.0%	56.7	56.6	-0.1	-0.2%
38.3%	56.6	56.6	-0.1	-0.1%
39.5%	56.6	56.5	-0.2	-0.3%
40.7%	56.5	56.4	-0.1	-0.2%
42.0%	56.5	56.4	-0.1	-0.2%
43.2%	56.4	56.4	0.0	-0.1%
44.4%	56.4	56.4	0.0	0.0%
45.7%	56.4	56.3	-0.1	-0.1%
46.9%	56.3	56.3	0.0	0.0%
48.1%	56.3	56.3	0.0	0.1%
49.4%	56.3	56.3	0.0	0.0%
50.6%	56.3	56.2	-0.1	-0.1%
51.9%	56.3	56.1	-0.1	-0.2%
53.1%	56.2	56.1	-0.1	-0.2%
54.3%	56.2	56.1	-0.1	-0.2%
55.6%	56.2	56.0	-0.1	-0.3%
56.8%	56.2	56.0	-0.1	-0.2%
58.0%	56.2	56.0	-0.1	-0.2%
59.3%	56.2	56.0	-0.2	-0.3%
60.5%	56.1	56.0	-0.1	-0.2%
61.7%	56.1	56.0	-0.1	-0.2%
63.0%	56.1	55.9	-0.1	-0.3%
64.2%	56.1	55.9	-0.2	-0.3%
65.4%	56.0	55.9	-0.1	-0.3%
66.7%	56.0	55.8	-0.2	-0.4%
67.9%	56.0	55.8	-0.2	-0.4%
69.1%	56.0	55.8	-0.2	-0.4%
70.4%	55.9	55.7	-0.1	-0.3%
71.6%	55.9	55.7	-0.1	-0.2%
72.8%	55.8	55.7	-0.1	-0.2%
74.1%	55.8	55.7	-0.1	-0.2%
75.3%	55.8	55.7	-0.1	-0.2%
76.5%	55.8	55.7	-0.1	-0.2%
77.8%	55.8	55.6	-0.1	-0.2%
79.0%	55.8	55.6	-0.2	-0.3%
80.2%	55.7	55.6	-0.1	-0.2%
81.5%	55.7	55.5	-0.2	-0.3%
82.7%	55.7	55.5	-0.2	-0.3%
84.0%	55.7	55.5	-0.2	-0.4%
85.2%	55.6	55.4	-0.2	-0.4%
86.4%	55.6	55.3	-0.3	-0.5%
87.7%	55.5	55.2	-0.3	-0.6%
88.9%	55.5	55.2	-0.3	-0.6%
90.1%	55.5	54.9	-0.6	-1.0%
91.4%	55.4	54.9	-0.5	-0.9%
92.6%	55.3	54.9	-0.5	-0.9%
93.8%	54.9	54.7	-0.1	-0.3%
95.1%	54.8	54.6	-0.3	-0.5%
96.3%	54.7	54.5	-0.2	-0.3%
97.5%	54.7	54.5	-0.2	-0.4%
98.8%	54.4	54.2	-0.2	-0.3%
100.0%	54.4	54.2	-0.2	-0.3%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.2	56.3	0.1	0.2%
1.2%	56.1	55.9	-0.1	-0.2%
2.5%	55.8	55.8	-0.1	-0.1%
3.7%	55.8	55.7	-0.1	-0.1%
4.9%	55.8	55.6	-0.2	-0.3%
6.2%	55.4	55.4	0.0	0.0%
7.4%	55.4	55.4	0.0	0.0%
8.6%	55.3	55.4	0.1	0.2%
9.9%	55.0	55.0	0.0	0.0%
11.1%	54.9	55.0	0.1	0.1%
12.3%	54.9	55.0	0.1	0.1%
13.6%	54.8	54.9	0.1	0.2%
14.8%	54.7	54.9	0.1	0.2%
16.0%	54.7	54.8	0.2	0.3%
17.3%	54.7	54.8	0.2	0.3%
18.5%	54.6	54.8	0.1	0.2%
19.8%	54.4	54.7	0.3	0.5%
21.0%	54.4	54.7	0.3	0.6%
22.2%	54.3	54.7	0.4	0.7%
23.5%	54.3	54.7	0.4	0.6%
24.7%	54.2	54.7	0.4	0.8%
25.9%	54.2	54.6	0.4	0.8%
27.2%	54.1	54.6	0.4	0.8%
28.4%	54.1	54.5	0.4	0.8%
29.6%	54.1	54.5	0.4	0.8%
30.9%	54.0	54.5	0.5	0.9%
32.1%	54.0	54.4	0.4	0.8%
33.3%	53.9	54.3	0.4	0.8%
34.6%	53.9	54.2	0.3	0.6%
35.8%	53.9	54.2	0.3	0.6%
37.0%	53.8	54.2	0.4	0.7%
38.3%	53.7	54.1	0.4	0.7%
39.5%	53.7	54.1	0.5	0.9%
40.7%	53.6	54.1	0.5	1.0%
42.0%	53.5	54.1	0.5	1.0%
43.2%	53.5	54.1	0.6	1.0%
44.4%	53.5	54.0	0.5	0.9%
45.7%	53.4	53.9	0.6	1.1%
46.9%	53.4	53.9	0.5	1.0%
48.1%	53.3	53.8	0.6	1.1%
49.4%	53.2	53.8	0.6	1.1%
50.6%	53.2	53.8	0.6	1.1%
51.9%	53.2	53.7	0.5	1.0%
53.1%	53.2	53.7	0.5	0.9%
54.3%	53.1	53.7	0.6	1.1%
55.6%	53.1	53.5	0.4	0.8%
56.8%	52.9	53.5	0.6	1.1%
58.0%	52.9	53.4	0.4	0.8%
59.3%	52.8	53.3	0.4	0.8%
60.5%	52.7	53.2	0.5	1.0%
61.7%	52.7	53.1	0.4	0.8%
63.0%	52.5	53.0	0.4	0.8%
64.2%	52.5	52.9	0.4	0.8%
65.4%	52.5	52.9	0.4	0.7%
66.7%	52.5	52.7	0.3	0.5%
67.9%	52.3	52.7	0.4	0.7%
69.1%	52.3	52.6	0.3	0.7%
70.4%	52.2	52.5	0.3	0.6%
71.6%	52.2	52.5	0.3	0.6%
72.8%	52.1	52.5	0.3	0.6%
74.1%	52.1	52.5	0.4	0.7%
75.3%	51.9	52.4	0.4	0.8%
76.5%	51.9	52.3	0.4	0.8%
77.8%	51.8	52.1	0.3	0.6%
79.0%	51.8	52.1	0.3	0.5%
80.2%	51.8	52.1	0.3	0.5%
81.5%	51.6	52.0	0.4	0.8%
82.7%	51.6	51.9	0.3	0.7%
84.0%	51.5	51.9	0.4	0.7%
85.2%	51.4	51.8	0.4	0.8%
86.4%	51.4	51.8	0.4	0.8%
87.7%	51.3	51.7	0.4	0.8%
88.9%	51.2	51.7	0.6	1.1%
90.1%	51.2	51.7	0.5	1.0%
91.4%	51.1	51.7	0.6	1.1%
92.6%	51.1	51.6	0.6	1.1%
93.8%	50.8	51.6	0.9	1.8%
95.1%	50.7	51.2	0.5	1.0%
96.3%	50.6	51.0	0.4	0.8%
97.5%	50.5	50.8	0.3	0.6%
98.8%	50.4	50.3	-0.1	-0.2%
100.0%	50.4	50.3	-0.1	-0.2%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.3	54.3	0.0	0.0%
1.2%	52.9	54.0	1.0	2.0%
2.5%	52.7	53.1	0.4	0.7%
3.7%	52.5	52.8	0.2	0.4%
4.9%	52.3	52.6	0.3	0.6%
6.2%	52.2	52.2	0.0	0.0%
7.4%	52.2	52.2	0.0	0.0%
8.6%	51.9	52.1	0.2	0.4%
9.9%	51.7	52.1	0.4	0.7%
11.1%	51.6	51.8	0.2	0.4%
12.3%	51.6	51.7	0.1	0.3%
13.6%	51.5	51.7	0.2	0.4%
14.8%	51.5	51.6	0.1	0.1%
16.0%	51.4	51.5	0.2	0.3%
17.3%	51.2	51.5	0.3	0.6%
18.5%	51.0	51.5	0.5	0.9%
19.8%	51.0	51.5	0.5	0.9%
21.0%	50.9	51.4	0.5	1.0%
22.2%	50.7	51.3	0.6	1.2%
23.5%	50.7	51.2	0.5	1.0%
24.7%	50.7	51.1	0.4	0.7%
25.9%	50.6	51.1	0.5	0.9%
27.2%	50.4	51.0	0.6	1.3%
28.4%	50.4	50.9	0.5	1.0%
29.6%	50.3	50.8	0.6	1.1%
30.9%	50.2	50.8	0.6	1.3%
32.1%	50.1	50.7	0.7	1.3%
33.3%	50.1	50.7	0.7	1.3%
34.6%	50.0	50.7	0.6	1.3%
35.8%	49.9	50.5	0.5	1.1%
37.0%	49.9	50.4	0.4	0.9%
38.3%	49.9	50.2	0.4	0.8%
39.5%	49.8	50.2	0.3	0.7%
40.7%	49.8	50.1	0.4	0.8%
42.0%	49.7	50.0	0.3	0.7%
43.2%	49.7	50.0	0.3	0.6%
44.4%	49.6	49.9	0.2	0.5%
45.7%	49.6	49.9	0.3	0.6%
46.9%	49.5	49.8	0.3	0.6%
48.1%	49.4	49.7	0.3	0.7%
49.4%	49.3	49.6	0.3	0.5%
50.6%	49.2	49.6	0.4	0.8%
51.9%	49.1	49.6	0.5	0.9%
53.1%	49.1	49.6	0.5	1.0%
54.3%	49.1	49.5	0.4	0.9%
55.6%	48.9	49.4	0.5	1.0%
56.8%	48.9	49.4	0.5	1.0%
58.0%	48.9	49.4	0.5	0.9%
59.3%	48.8	49.3	0.5	1.0%
60.5%	48.7	49.2	0.5	1.0%
61.7%	48.7	49.1	0.4	0.9%
63.0%	48.7	49.1	0.4	0.9%
64.2%	48.6	49.1	0.4	0.9%
65.4%	48.6	48.9	0.3	0.7%
66.7%	48.5	48.9	0.4	0.8%
67.9%	48.4	48.8	0.4	0.8%
69.1%	48.3	48.8	0.5	1.0%
70.4%	48.3	48.7	0.4	0.8%
71.6%	48.2	48.6	0.4	0.8%
72.8%	48.2	48.6	0.5	1.0%
74.1%	48.1	48.5	0.4	0.9%
75.3%	48.1	48.5	0.5	1.0%
76.5%	47.9	48.4	0.4	0.9%
77.8%	47.9	48.3	0.4	0.8%
79.0%	47.8	48.1	0.4	0.8%
80.2%	47.6	48.1	0.5	1.0%
81.5%	47.6	47.9	0.3	0.7%
82.7%	47.5	47.9	0.3	0.7%
84.0%	47.5	47.8	0.3	0.6%
85.2%	47.3	47.6	0.3	0.6%
86.4%	47.2	47.4	0.2	0.3%
87.7%	47.1	47.4	0.2	0.5%
88.9%	47.1	47.3	0.2	0.5%
90.1%	46.8	47.1	0.3	0.7%
91.4%	46.6	47.1	0.6	1.2%
92.6%	46.5	46.7	0.2	0.4%
93.8%	46.3	46.3	-0.1	-0.2%
95.1%	46.3	46.2	0.0	-0.1%
96.3%	46.2	46.1	-0.2	-0.3%
97.5%	46.0	45.9	-0.1	-0.2%
98.8%	45.5	45.9	0.3	0.7%
100.0%	45.5	45.9	0.3	0.7%

Table SQ3-1b

Sacramento River at Bonnyview Bridge, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.9	52.9	0.0	0.0%
1.2%	51.7	51.5	-0.2	-0.3%
2.5%	51.5	51.3	-0.2	-0.4%
3.7%	50.9	50.9	0.0	0.0%
4.9%	50.8	50.7	-0.1	-0.2%
6.2%	50.3	50.5	0.2	0.5%
7.4%	50.2	50.4	0.2	0.3%
8.6%	50.2	50.4	0.2	0.4%
9.9%	50.1	50.3	0.2	0.4%
11.1%	50.1	50.3	0.3	0.5%
12.3%	50.0	50.3	0.3	0.6%
13.6%	49.9	50.2	0.4	0.7%
14.8%	49.9	50.1	0.2	0.5%
16.0%	49.7	50.1	0.3	0.6%
17.3%	49.7	50.0	0.3	0.6%
18.5%	49.7	49.9	0.2	0.3%
19.8%	49.5	49.8	0.3	0.6%
21.0%	49.5	49.7	0.2	0.5%
22.2%	49.4	49.7	0.3	0.6%
23.5%	49.4	49.7	0.3	0.6%
24.7%	49.4	49.7	0.3	0.5%
25.9%	49.3	49.6	0.3	0.6%
27.2%	49.3	49.6	0.3	0.6%
28.4%	49.3	49.6	0.3	0.5%
29.6%	49.3	49.5	0.2	0.3%
30.9%	49.3	49.5	0.2	0.4%
32.1%	49.2	49.4	0.2	0.4%
33.3%	49.2	49.4	0.2	0.4%
34.6%	49.1	49.3	0.1	0.3%
35.8%	49.1	49.2	0.2	0.3%
37.0%	49.0	49.2	0.2	0.4%
38.3%	49.0	49.2	0.2	0.4%
39.5%	49.0	49.1	0.1	0.3%
40.7%	49.0	49.1	0.1	0.2%
42.0%	48.9	49.0	0.1	0.2%
43.2%	48.9	49.0	0.1	0.3%
44.4%	48.8	48.9	0.1	0.2%
45.7%	48.8	48.8	0.1	0.2%
46.9%	48.6	48.7	0.1	0.2%
48.1%	48.6	48.7	0.1	0.3%
49.4%	48.6	48.5	-0.1	-0.2%
50.6%	48.5	48.4	-0.1	-0.1%
51.9%	48.4	48.4	0.0	0.0%
53.1%	48.3	48.2	-0.1	-0.2%
54.3%	48.3	48.2	-0.1	-0.2%
55.6%	48.1	48.1	0.0	-0.1%
56.8%	47.8	47.8	0.0	0.1%
58.0%	47.8	47.7	-0.1	-0.1%
59.3%	47.7	47.6	0.0	-0.1%
60.5%	47.6	47.6	0.0	0.0%
61.7%	47.6	47.5	0.0	-0.1%
63.0%	47.5	47.4	-0.1	-0.2%
64.2%	47.5	47.4	-0.1	-0.2%
65.4%	47.3	47.4	0.0	0.0%
66.7%	47.2	47.4	0.1	0.2%
67.9%	47.2	47.3	0.1	0.2%
69.1%	47.1	47.3	0.2	0.4%
70.4%	47.0	47.2	0.3	0.6%
71.6%	47.0	47.1	0.2	0.3%
72.8%	46.9	47.0	0.1	0.2%
74.1%	46.8	46.9	0.1	0.1%
75.3%	46.8	46.8	0.0	0.0%
76.5%	46.7	46.7	0.0	0.1%
77.8%	46.5	46.7	0.1	0.3%
79.0%	46.5	46.7	0.2	0.4%
80.2%	46.4	46.5	0.1	0.3%
81.5%	46.4	46.5	0.1	0.2%
82.7%	46.3	46.4	0.2	0.3%
84.0%	46.2	46.4	0.2	0.4%
85.2%	46.1	46.2	0.1	0.2%
86.4%	46.1	46.1	0.0	0.0%
87.7%	46.1	46.1	0.0	0.0%
88.9%	46.0	46.1	0.0	0.1%
90.1%	45.9	46.0	0.1	0.2%
91.4%	45.9	45.9	0.0	0.0%
92.6%	45.9	45.9	0.0	0.0%
93.8%	45.9	45.8	-0.1	-0.1%
95.1%	45.8	45.7	-0.1	-0.1%
96.3%	45.4	45.7	0.3	0.7%
97.5%	45.3	45.4	0.0	0.1%
98.8%	44.4	44.3	-0.1	-0.2%
100.0%	44.4	44.3	-0.1	-0.2%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.2	53.3	0.1	0.1%
1.2%	52.2	52.1	-0.1	-0.2%
2.5%	52.0	52.0	0.0	0.0%
3.7%	51.7	51.9	0.3	0.5%
4.9%	51.6	51.8	0.2	0.3%
6.2%	51.6	51.6	0.0	0.0%
7.4%	51.3	51.5	0.3	0.5%
8.6%	51.1	51.5	0.4	0.7%
9.9%	51.1	51.4	0.2	0.5%
11.1%	51.0	51.2	0.2	0.4%
12.3%	50.9	51.1	0.1	0.2%
13.6%	50.9	51.0	0.1	0.2%
14.8%	50.9	51.0	0.1	0.3%
16.0%	50.8	50.9	0.1	0.2%
17.3%	50.8	50.9	0.1	0.2%
18.5%	50.8	50.9	0.1	0.2%
19.8%	50.8	50.9	0.1	0.3%
21.0%	50.7	50.9	0.2	0.4%
22.2%	50.6	50.9	0.3	0.5%
23.5%	50.6	50.9	0.3	0.5%
24.7%	50.6	50.8	0.2	0.4%
25.9%	50.5	50.8	0.2	0.4%
27.2%	50.3	50.6	0.3	0.5%
28.4%	50.3	50.6	0.3	0.6%
29.6%	50.3	50.6	0.3	0.5%
30.9%	50.2	50.5	0.2	0.5%
32.1%	50.2	50.3	0.1	0.2%
33.3%	50.2	50.2	0.0	0.0%
34.6%	50.2	50.1	-0.2	-0.3%
35.8%	50.2	50.1	-0.1	-0.3%
37.0%	50.0	50.0	0.0	0.0%
38.3%	49.9	50.0	0.1	0.2%
39.5%	49.9	49.9	0.0	0.1%
40.7%	49.6	49.8	0.2	0.3%
42.0%	49.4	49.5	0.0	0.0%
43.2%	49.4	49.4	0.0	0.0%
44.4%	49.3	49.3	0.0	0.0%
45.7%	49.2	49.1	-0.1	-0.2%
46.9%	49.2	49.1	-0.1	-0.2%
48.1%	49.2	49.1	-0.1	-0.1%
49.4%	49.1	49.0	-0.1	-0.3%
50.6%	49.0	49.0	0.0	-0.1%
51.9%	49.0	49.0	0.0	-0.1%
53.1%	48.9	48.9	0.0	0.0%
54.3%	48.9	48.9	0.0	0.0%
55.6%	48.9	48.8	0.0	-0.1%
56.8%	48.8	48.8	0.0	0.1%
58.0%	48.7	48.8	0.0	0.0%
59.3%	48.5	48.5	0.0	0.0%
60.5%	48.4	48.4	0.0	0.0%
61.7%	48.3	48.3	0.0	0.0%
63.0%	48.3	48.3	0.0	0.0%
64.2%	48.2	48.2	0.0	0.0%
65.4%	48.1	48.2	0.1	0.2%
66.7%	48.1	48.2	0.1	0.2%
67.9%	47.9	48.0	0.1	0.2%
69.1%	47.9	48.0	0.1	0.2%
70.4%	47.9	48.0	0.1	0.2%
71.6%	47.7	48.0	0.3	0.5%
72.8%	47.7	48.0	0.3	0.6%
74.1%	47.4	47.8	0.4	0.7%
75.3%	47.4	47.5	0.1	0.3%
76.5%	47.4	47.5	0.1	0.1%
77.8%	47.3	47.4	0.1	0.2%
79.0%	47.2	47.3	0.1	0.2%
80.2%	47.2	47.2	0.1	0.1%
81.5%	47.2	47.2	0.1	0.2%
82.7%	47.1	47.2	0.1	0.2%
84.0%	47.1	47.2	0.1	0.2%
85.2%	46.9	47.0	0.0	0.1%
86.4%	46.9	47.0	0.0	0.1%
87.7%	46.9	47.0	0.0	0.1%
88.9%	46.9	46.9	0.1	0.2%
90.1%	46.9	46.9	0.0	0.0%
91.4%	46.6	46.8	0.2	0.4%
92.6%	46.6	46.7	0.1	0.3%
93.8%	46.5	46.6	0.1	0.2%
95.1%	46.5	46.5	0.0	0.1%
96.3%	46.4	46.5	0.1	0.2%
97.5%	46.1	46.3	0.1	0.2%
98.8%	45.4	45.4	-0.1	-0.2%
100.0%	45.4	45.4	-0.1	-0.2%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.5	54.3	-0.2	-0.3%
1.2%	53.4	54.0	0.6	1.2%
2.5%	52.6	52.5	-0.1	-0.1%
3.7%	52.6	52.4	-0.2	-0.3%
4.9%	52.5	52.2	-0.3	-0.7%
6.2%	52.5	52.1	-0.4	-0.7%
7.4%	52.4	52.1	-0.3	-0.6%
8.6%	52.2	52.1	-0.1	-0.3%
9.9%	52.1	52.0	-0.1	-0.1%
11.1%	52.0	51.8	-0.2	-0.4%
12.3%	51.9	51.7	-0.2	-0.3%
13.6%	51.7	51.7	0.0	-0.1%
14.8%	51.6	51.7	0.1	0.2%
16.0%	51.5	51.6	0.1	0.2%
17.3%	51.5	51.5	0.1	0.1%
18.5%	51.5	51.5	0.0	0.1%
19.8%	51.3	51.4	0.1	0.2%
21.0%	51.3	51.4	0.1	0.2%
22.2%	51.3	51.3	0.0	0.1%
23.5%	51.2	51.2	0.0	0.1%
24.7%	51.0	51.2	0.2	0.4%
25.9%	51.0	51.2	0.2	0.4%
27.2%	50.9	51.2	0.2	0.4%
28.4%	50.9	51.1	0.2	0.4%
29.6%	50.9	51.1	0.2	0.4%
30.9%	50.8	51.1	0.3	0.7%
32.1%	50.8	51.1	0.3	0.6%
33.3%	50.7	51.0	0.3	0.6%
34.6%	50.7	50.9	0.2	0.4%
35.8%	50.6	50.9	0.3	0.5%
37.0%	50.6	50.9	0.3	0.6%
38.3%	50.6	50.8	0.3	0.5%
39.5%	50.5	50.8	0.3	0.5%
40.7%	50.5	50.8	0.3	0.5%
42.0%	50.5	50.8	0.3	0.5%
43.2%	50.5	50.7	0.3	0.5%
44.4%	50.4	50.6	0.2	0.4%
45.7%	50.4	50.6	0.2	0.4%
46.9%	50.4	50.6	0.2	0.5%
48.1%	50.3	50.5	0.2	0.4%
49.4%	50.3	50.5	0.2	0.4%
50.6%	50.3	50.5	0.2	0.4%
51.9%	50.2	50.4	0.2	0.3%
53.1%	50.2	50.3	0.2	0.3%
54.3%	50.1	50.3	0.2	0.4%
55.6%	50.1	50.2	0.1	0.2%
56.8%	50.1	50.2	0.1	0.1%
58.0%	50.1	50.0	-0.1	-0.1%
59.3%	49.9	50.0	0.1	0.2%
60.5%	49.8	50.0	0.2	0.3%
61.7%	49.8	49.9	0.1	0.3%
63.0%	49.8	49.9	0.2	0.3%
64.2%	49.7	49.9	0.2	0.5%
65.4%	49.7	49.8	0.1	0.2%
66.7%	49.6	49.7	0.1	0.1%
67.9%	49.6	49.7	0.1	0.1%
69.1%	49.6	49.7	0.1	0.2%
70.4%	49.5	49.6	0.1	0.2%
71.6%	49.5	49.6	0.1	0.1%
72.8%	49.5	49.6	0.1	0.2%
74.1%	49.4	49.5	0.0	0.0%
75.3%	49.3	49.4	0.1	0.1%
76.5%	49.3	49.4	0.1	0.1%
77.8%	49.3	49.3	0.0	0.1%
79.0%	49.2	49.3	0.1	0.1%
80.2%	49.2	49.3	0.1	0.2%
81.5%	49.1	49.2	0.1	0.2%
82.7%	48.9	49.1	0.2	0.4%
84.0%	48.9	49.0	0.1	0.3%
85.2%	48.8	48.9	0.2	0.3%
86.4%	48.8	48.9	0.1	0.3%
87.7%	48.7	48.9	0.2	0.3%
88.9%	48.5	48.8	0.3	0.7%
90.1%	48.5	48.8	0.3	0.6%
91.4%	48.3	48.7	0.3	0.7%
92.6%	48.2	48.5	0.3	0.6%
93.8%	47.8	47.9	0.1	0.3%
95.1%	47.7	47.9	0.2	0.4%
96.3%	47.7	47.6	0.0	0.0%
97.5%	47.6	47.6	0.0	0.0%
98.8%	47.5	47.6	0.1	0.2%
100.0%	47.5	47.6	0.1	0.2%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.3	56.3	0.0	0.0%
1.2%	56.0	56.1	0.1	0.2%
2.5%	55.8	55.7	-0.2	-0.3%
3.7%	55.7	55.0	-0.8	-1.4%
4.9%	54.1	54.6	0.5	0.9%
6.2%	53.9	54.2	0.4	0.7%
7.4%	53.5	53.6	0.0	0.1%
8.6%	53.2	53.6	0.3	0.6%
9.9%	53.2	53.4	0.2	0.4%
11.1%	53.2	53.4	0.2	0.3%
12.3%	53.0	53.3	0.3	0.6%
13.6%	53.0	52.9	0.0	-0.1%
14.8%	52.7	52.8	0.1	0.2%
16.0%	52.7	52.7	0.0	-0.1%
17.3%	52.7	52.7	0.0	-0.1%
18.5%	52.6	52.6	0.1	0.1%
19.8%	52.5	52.6	0.1	0.3%
21.0%	52.5	52.6	0.1	0.2%
22.2%	52.3	52.6	0.3	0.5%
23.5%	52.3	52.5	0.3	0.5%
24.7%	52.1	52.5	0.4	0.8%
25.9%	52.1	52.5	0.4	0.8%
27.2%	52.1	52.4	0.3	0.6%
28.4%	52.0	52.4	0.4	0.8%
29.6%	52.0	52.4	0.4	0.8%
30.9%	51.9	52.3	0.4	0.8%
32.1%	51.9	52.3	0.4	0.8%
33.3%	51.8	52.3	0.5	1.0%
34.6%	51.8	52.3	0.5	1.0%
35.8%	51.8	52.3	0.5	1.0%
37.0%	51.8	52.3	0.5	0.9%
38.3%	51.8	52.1	0.4	0.7%
39.5%	51.8	52.1	0.3	0.6%
40.7%	51.7	52.1	0.3	0.6%
42.0%	51.6	52.0	0.4	0.8%
43.2%	51.6	52.0	0.4	0.8%
44.4%	51.5	52.0	0.5	0.9%
45.7%	51.4	52.0	0.5	1.0%
46.9%	51.4	52.0	0.5	1.1%
48.1%	51.4	51.9	0.4	0.9%
49.4%	51.4	51.8	0.4	0.8%
50.6%	51.3	51.8	0.5	0.9%
51.9%	51.2	51.7	0.5	1.0%
53.1%	51.1	51.7	0.6	1.2%
54.3%	51.1	51.7	0.6	1.2%
55.6%	51.0	51.5	0.5	1.1%
56.8%	51.0	51.4	0.4	0.9%
58.0%	51.0	51.4	0.4	0.9%
59.3%	50.9	51.4	0.4	0.9%
60.5%	50.9	51.3	0.4	0.7%
61.7%	50.9	51.3	0.4	0.7%
63.0%	50.8	51.2	0.3	0.7%
64.2%	50.8	51.2	0.4	0.7%
65.4%	50.8	51.2	0.4	0.7%
66.7%	50.7	51.1	0.4	0.7%
67.9%	50.7	51.1	0.4	0.8%
69.1%	50.6	51.0	0.4	0.8%
70.4%	50.6	50.9	0.3	0.7%
71.6%	50.6	50.9	0.3	0.6%
72.8%	50.5	50.9	0.4	0.8%
74.1%	50.5	50.9	0.4	0.8%
75.3%	50.4	50.9	0.5	0.9%
76.5%	50.4	50.9	0.5	1.0%
77.8%	50.4	50.8	0.5	1.0%
79.0%	50.4	50.8	0.5	1.0%
80.2%	50.3	50.8	0.5	1.0%
81.5%	50.3	50.8	0.5	1.0%
82.7%	50.2	50.7	0.5	1.0%
84.0%	50.2	50.7	0.5	1.0%
85.2%	50.1	50.6	0.5	1.1%
86.4%	50.1	50.5	0.4	0.9%
87.7%	49.9	50.5	0.6	1.3%
88.9%	49.8	50.5	0.7	1.4%
90.1%	49.7	50.4	0.7	1.4%
91.4%	49.7	50.1	0.5	0.9%
92.6%	49.6	50.1	0.5	0.9%
93.8%	49.5	50.0	0.5	1.0%
95.1%	49.5	50.0	0.4	0.9%
96.3%	49.4	49.9	0.5	1.1%
97.5%	49.4	49.8	0.4	0.9%
98.8%	49.2	49.7	0.5	1.0%
100.0%	49.2	49.7	0.5	1.0%

Table SQ3-1b

Sacramento River at Bonnyview Bridge, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	57.0	56.1	-0.9	-1.6%
1.2%	56.1	55.0	-1.1	-1.9%
2.5%	55.9	54.9	-1.0	-1.8%
3.7%	55.7	54.7	-0.9	-1.7%
4.9%	55.7	54.7	-0.9	-1.7%
6.2%	54.8	54.7	-0.1	-0.3%
7.4%	54.7	54.3	-0.4	-0.7%
8.6%	54.6	54.2	-0.4	-0.8%
9.9%	54.4	54.2	-0.2	-0.4%
11.1%	54.0	54.1	0.2	0.3%
12.3%	53.8	54.1	0.3	0.5%
13.6%	53.8	54.1	0.3	0.6%
14.8%	53.8	54.0	0.2	0.5%
16.0%	53.7	53.7	0.1	0.1%
17.3%	53.7	53.7	0.0	0.1%
18.5%	53.6	53.7	0.0	0.1%
19.8%	53.6	53.7	0.1	0.2%
21.0%	53.3	53.6	0.3	0.6%
22.2%	53.3	53.6	0.3	0.5%
23.5%	53.3	53.4	0.2	0.3%
24.7%	53.3	53.4	0.2	0.3%
25.9%	53.3	53.3	0.1	0.1%
27.2%	53.1	53.2	0.1	0.1%
28.4%	53.1	53.2	0.1	0.2%
29.6%	52.9	53.1	0.2	0.3%
30.9%	52.8	53.1	0.3	0.5%
32.1%	52.8	52.9	0.1	0.2%
33.3%	52.8	52.9	0.1	0.2%
34.6%	52.8	52.8	0.1	0.1%
35.8%	52.7	52.8	0.1	0.3%
37.0%	52.5	52.7	0.2	0.4%
38.3%	52.4	52.6	0.2	0.4%
39.5%	52.4	52.6	0.3	0.5%
40.7%	52.3	52.6	0.3	0.5%
42.0%	52.2	52.6	0.4	0.7%
43.2%	52.2	52.5	0.3	0.6%
44.4%	52.0	52.5	0.5	0.9%
45.7%	51.9	52.4	0.5	1.0%
46.9%	51.9	52.3	0.4	0.8%
48.1%	51.8	52.2	0.4	0.8%
49.4%	51.8	52.2	0.4	0.8%
50.6%	51.8	52.2	0.4	0.8%
51.9%	51.7	52.2	0.4	0.8%
53.1%	51.7	52.1	0.4	0.8%
54.3%	51.7	52.1	0.4	0.8%
55.6%	51.6	52.1	0.4	0.9%
56.8%	51.6	52.1	0.4	0.9%
58.0%	51.6	52.0	0.4	0.8%
59.3%	51.5	51.9	0.4	0.8%
60.5%	51.4	51.9	0.6	1.1%
61.7%	51.2	51.9	0.6	1.2%
63.0%	51.2	51.8	0.6	1.1%
64.2%	51.1	51.7	0.6	1.2%
65.4%	51.0	51.7	0.6	1.3%
66.7%	50.9	51.6	0.7	1.4%
67.9%	50.9	51.6	0.7	1.4%
69.1%	50.9	51.5	0.7	1.3%
70.4%	50.9	51.5	0.6	1.2%
71.6%	50.9	51.5	0.6	1.1%
72.8%	50.8	51.4	0.6	1.3%
74.1%	50.7	51.3	0.6	1.2%
75.3%	50.7	51.3	0.6	1.3%
76.5%	50.6	51.3	0.7	1.4%
77.8%	50.6	51.2	0.7	1.3%
79.0%	50.5	51.1	0.6	1.2%
80.2%	50.5	51.1	0.6	1.2%
81.5%	50.5	51.0	0.6	1.1%
82.7%	50.4	51.0	0.6	1.1%
84.0%	50.4	50.9	0.6	1.1%
85.2%	50.3	50.9	0.6	1.2%
86.4%	50.3	50.9	0.5	1.0%
87.7%	50.3	50.8	0.5	1.0%
88.9%	50.3	50.8	0.5	1.1%
90.1%	50.1	50.8	0.7	1.4%
91.4%	50.0	50.8	0.7	1.4%
92.6%	49.9	50.7	0.7	1.5%
93.8%	49.9	50.5	0.6	1.3%
95.1%	49.9	50.5	0.6	1.2%
96.3%	49.7	50.1	0.4	0.8%
97.5%	49.3	49.9	0.6	1.2%
98.8%	49.3	49.7	0.4	0.8%
100.0%	49.3	49.7	0.4	0.8%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	64.7	65.0	0.3	0.5%
1.2%	59.5	56.0	-3.5	-5.9%
2.5%	58.4	55.8	-2.6	-4.4%
3.7%	56.4	55.3	-1.1	-2.0%
4.9%	56.2	55.1	-1.1	-2.0%
6.2%	56.0	55.0	-1.0	-1.8%
7.4%	55.9	55.0	-0.9	-1.6%
8.6%	55.7	55.0	-0.7	-1.3%
9.9%	55.7	55.0	-0.7	-1.3%
11.1%	55.6	54.9	-0.7	-1.3%
12.3%	55.6	54.8	-0.8	-1.5%
13.6%	55.5	54.6	-0.9	-1.7%
14.8%	55.5	54.6	-0.9	-1.6%
16.0%	55.4	54.6	-0.8	-1.5%
17.3%	55.3	54.5	-0.8	-1.5%
18.5%	55.3	54.5	-0.8	-1.4%
19.8%	55.3	54.5	-0.8	-1.4%
21.0%	55.1	54.4	-0.7	-1.3%
22.2%	55.1	54.4	-0.7	-1.3%
23.5%	55.0	54.4	-0.6	-1.2%
24.7%	55.0	54.4	-0.6	-1.1%
25.9%	54.8	54.2	-0.6	-1.0%
27.2%	54.6	54.2	-0.4	-0.8%
28.4%	54.5	54.1	-0.5	-0.9%
29.6%	54.4	54.0	-0.4	-0.7%
30.9%	54.3	54.0	-0.3	-0.6%
32.1%	54.3	54.0	-0.3	-0.6%
33.3%	54.2	53.9	-0.2	-0.4%
34.6%	53.9	53.9	0.0	0.1%
35.8%	53.9	53.9	0.0	0.0%
37.0%	53.9	53.8	0.0	0.0%
38.3%	53.7	53.8	0.1	0.1%
39.5%	53.7	53.7	0.1	0.2%
40.7%	53.6	53.7	0.2	0.3%
42.0%	53.5	53.6	0.1	0.2%
43.2%	53.5	53.6	0.1	0.2%
44.4%	53.5	53.6	0.1	0.3%
45.7%	53.4	53.6	0.2	0.4%
46.9%	53.3	53.5	0.3	0.5%
48.1%	53.2	53.5	0.3	0.6%
49.4%	53.2	53.4	0.2	0.5%
50.6%	53.2	53.4	0.2	0.4%
51.9%	53.1	53.3	0.2	0.4%
53.1%	53.0	53.3	0.2	0.5%
54.3%	52.9	53.3	0.4	0.7%
55.6%	52.9	53.2	0.3	0.6%
56.8%	52.8	53.1	0.3	0.5%
58.0%	52.8	53.0	0.3	0.5%
59.3%	52.7	53.0	0.2	0.5%
60.5%	52.7	52.9	0.2	0.4%
61.7%	52.7	52.9	0.3	0.5%
63.0%	52.6	52.8	0.2	0.4%
64.2%	52.6	52.8	0.2	0.4%
65.4%	52.5	52.8	0.3	0.5%
66.7%	52.5	52.7	0.2	0.4%
67.9%	52.5	52.7	0.2	0.4%
69.1%	52.4	52.6	0.3	0.5%
70.4%	52.3	52.6	0.3	0.7%
71.6%	52.3	52.6	0.3	0.6%
72.8%	52.2	52.5	0.3	0.5%
74.1%	52.2	52.5	0.3	0.6%
75.3%	52.0	52.4	0.4	0.8%
76.5%	52.0	52.4	0.5	0.9%
77.8%	51.9	52.4	0.5	1.0%
79.0%	51.8	52.4	0.5	1.0%
80.2%	51.8	52.3	0.5	1.0%
81.5%	51.7	52.1	0.4	0.7%
82.7%	51.7	52.1	0.4	0.7%
84.0%	51.7	52.1	0.4	0.7%
85.2%	51.7	51.9	0.3	0.5%
86.4%	51.5	51.9	0.3	0.7%
87.7%	51.5	51.9	0.4	0.7%
88.9%	51.5	51.7	0.2	0.5%
90.1%	51.3	51.7	0.4	0.8%
91.4%	51.1	51.6	0.5	0.9%
92.6%	51.1	51.5	0.4	0.8%
93.8%	51.1	51.4	0.3	0.6%
95.1%	50.9	51.3	0.4	0.8%
96.3%	50.8	51.2	0.4	0.7%
97.5%	50.8	50.9	0.1	0.3%
98.8%	50.7	50.8	0.2	0.3%
100.0%	50.7	50.8	0.2	0.3%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	69.4	69.9	0.5	0.8%
1.2%	65.5	64.4	-1.1	-1.7%
2.5%	64.4	61.5	-2.8	-4.4%
3.7%	64.4	61.4	-2.9	-4.6%
4.9%	60.1	57.7	-2.4	-4.0%
6.2%	60.0	56.0	-4.0	-6.7%
7.4%	56.8	55.8	-1.0	-1.8%
8.6%	56.3	55.8	-0.5	-0.9%
9.9%	56.1	55.5	-0.6	-1.0%
11.1%	56.0	55.5	-0.6	-1.0%
12.3%	56.0	55.3	-0.7	-1.3%
13.6%	55.9	55.2	-0.7	-1.2%
14.8%	55.9	55.2	-0.7	-1.3%
16.0%	55.8	55.1	-0.7	-1.2%
17.3%	55.6	55.1	-0.5	-0.9%
18.5%	55.5	54.9	-0.6	-1.1%
19.8%	55.5	54.9	-0.6	-1.2%
21.0%	55.4	54.9	-0.5	-1.0%
22.2%	55.4	54.9	-0.5	-0.9%
23.5%	55.3	54.8	-0.5	-0.9%
24.7%	55.3	54.7	-0.6	-1.0%
25.9%	55.3	54.6	-0.6	-1.2%
27.2%	55.2	54.6	-0.6	-1.1%
28.4%	55.1	54.6	-0.5	-0.9%
29.6%	55.0	54.6	-0.4	-0.7%
30.9%	55.0	54.6	-0.4	-0.7%
32.1%	55.0	54.5	-0.4	-0.7%
33.3%	54.9	54.5	-0.3	-0.6%
34.6%	54.8	54.5	-0.3	-0.6%
35.8%	54.8	54.5	-0.3	-0.6%
37.0%	54.8	54.5	-0.4	-0.7%
38.3%	54.8	54.4	-0.4	-0.7%
39.5%	54.8	54.4	-0.4	-0.7%
40.7%	54.7	54.4	-0.3	-0.6%
42.0%	54.7	54.3	-0.3	-0.6%
43.2%	54.7	54.2	-0.4	-0.7%
44.4%	54.7	54.2	-0.4	-0.8%
45.7%	54.7	54.2	-0.4	-0.8%
46.9%	54.6	54.2	-0.4	-0.8%
48.1%	54.6	54.2	-0.4	-0.8%
49.4%	54.6	54.2	-0.4	-0.7%
50.6%	54.5	54.2	-0.4	-0.7%
51.9%	54.5	54.1	-0.4	-0.7%
53.1%	54.5	54.1	-0.4	-0.7%
54.3%	54.5	54.1	-0.4	-0.7%
55.6%	54.5	54.0	-0.4	-0.8%
56.8%	54.4	54.0	-0.4	-0.7%
58.0%	54.4	54.0	-0.3	-0.6%
59.3%	54.3	54.0	-0.3	-0.6%
60.5%	54.3	54.0	-0.3	-0.6%
61.7%	54.3	54.0	-0.3	-0.6%
63.0%	54.2	54.0	-0.3	-0.5%
64.2%	54.2	53.9	-0.3	-0.5%
65.4%	54.2	53.9	-0.2	-0.4%
66.7%	54.1	53.8	-0.3	-0.6%
67.9%	54.1	53.8	-0.3	-0.6%
69.1%	54.1	53.8	-0.3	-0.5%
70.4%	54.0	53.8	-0.2	-0.5%
71.6%	54.0	53.7	-0.3	-0.5%
72.8%	54.0	53.7	-0.3	-0.6%
74.1%	54.0	53.7	-0.3	-0.5%
75.3%	53.9	53.7	-0.2	-0.4%
76.5%	53.9	53.6	-0.2	-0.4%
77.8%	53.8	53.6	-0.2	-0.4%
79.0%	53.7	53.6	-0.1	-0.2%
80.2%	53.6	53.5	-0.1	-0.2%
81.5%	53.4	53.5	0.1	0.2%
82.7%	53.4	53.5	0.1	0.1%
84.0%	53.4	53.5	0.1	0.1%
85.2%	53.4	53.4	0.0	0.0%
86.4%	53.4	53.3	0.0	-0.1%
87.7%	53.4	53.1	-0.3	-0.5%
88.9%	53.2	52.8	-0.4	-0.7%
90.1%	53.2	52.8	-0.4	-0.7%
91.4%	53.1	52.7	-0.4	-0.7%
92.6%	52.9	52.3	-0.5	-1.0%
93.8%	52.6	52.0	-0.6	-1.1%
95.1%	52.5	52.0	-0.6	-1.1%
96.3%	52.0	51.6	-0.4	-0.8%
97.5%	52.0	51.5	-0.5	-0.9%
98.8%	51.9	50.9	-1.1	-2.1%
100.0%	51.9	50.9	-1.1	-2.1%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	70.1	69.3	-0.8	-1.1%
1.2%	69.6	67.4	-2.2	-3.2%
2.5%	68.4	66.5	-2.0	-2.9%
3.7%	68.1	65.9	-2.3	-3.3%
4.9%	66.5	62.1	-4.4	-6.6%
6.2%	65.6	62.0	-3.6	-5.5%
7.4%	64.4	61.0	-3.4	-5.3%
8.6%	63.0	59.4	-3.6	-5.7%
9.9%	62.0	58.7	-3.3	-5.3%
11.1%	61.9	58.6	-3.3	-5.3%
12.3%	60.3	58.4	-1.9	-3.2%
13.6%	59.0	57.4	-1.6	-2.8%
14.8%	58.6	57.4	-1.2	-2.1%
16.0%	58.5	57.3	-1.2	-2.1%
17.3%	58.1	56.7	-1.3	-2.3%
18.5%	58.0	56.7	-1.3	-2.3%
19.8%	57.4	56.4	-1.1	-1.9%
21.0%	57.3	55.8	-1.5	-2.7%
22.2%	57.0	55.7	-1.3	-2.3%
23.5%	56.6	55.7	-0.9	-1.6%
24.7%	56.6	55.5	-1.1	-2.0%
25.9%	56.3	55.4	-0.9	-1.6%
27.2%	56.2	55.3	-0.9	-1.6%
28.4%	56.1	55.2	-0.9	-1.6%
29.6%	56.1	55.2	-0.9	-1.6%
30.9%	55.8	55.1	-0.7	-1.2%
32.1%	55.6	55.0	-0.7	-1.2%
33.3%	55.6	54.8	-0.8	-1.4%
34.6%	55.5	54.7	-0.8	-1.4%
35.8%	55.3	54.6	-0.7	-1.2%
37.0%	55.2	54.6	-0.6	-1.1%
38.3%	55.2	54.6	-0.6	-1.1%
39.5%	55.2	54.6	-0.6	-1.1%
40.7%	55.2	54.6	-0.6	-1.1%
42.0%	55.1	54.5	-0.6	-1.0%
43.2%	55.0	54.3	-0.7	-1.3%
44.4%	55.0	54.3	-0.7	-1.3%
45.7%	55.0	54.1	-0.8	-1.5%
46.9%	54.8	54.1	-0.7	-1.3%
48.1%	54.7	54.1	-0.6	-1.1%
49.4%	54.7	54.1	-0.7	-1.2%
50.6%	54.7	54.0	-0.7	-1.2%
51.9%	54.7	54.0	-0.6	-1.2%
53.1%	54.6	54.0	-0.6	-1.1%
54.3%	54.6	54.0	-0.6	-1.1%
55.6%	54.5	54.0	-0.6	-1.1%
56.8%	54.5	54.0	-0.6	-1.0%
58.0%	54.4	53.8	-0.5	-1.0%
59.3%	54.3	53.8	-0.5	-0.9%
60.5%	54.2	53.7	-0.5	-0.9%
61.7%	54.0	53.7	-0.4	-0.7%
63.0%	53.7	53.6	-0.1	-0.2%
64.2%	53.5	53.6	0.1	0.1%
65.4%	53.5	53.6	0.1	0.2%
66.7%	53.5	53.5	0.0	0.1%
67.9%	53.4	53.5	0.1	0.2%
69.1%	53.1	53.5	0.3	0.6%
70.4%	53.1	53.4	0.3	0.6%
71.6%	53.1	53.4	0.3	0.6%
72.8%	52.9	53.4	0.5	1.0%
74.1%	52.8	53.2	0.4	0.8%
75.3%	52.6	53.0	0.4	0.8%
76.5%	52.5	52.7	0.2	0.4%
77.8%	52.3	52.7	0.4	0.7%
79.0%	52.2	52.6	0.4	0.7%
80.2%	52.2	52.5	0.4	0.7%
81.5%	52.2	52.5	0.4	0.7%
82.7%	52.1	52.2	0.1	0.1%
84.0%	52.1	52.2	0.0	0.1%
85.2%	52.0	51.9	-0.1	-0.2%
86.4%	51.9	51.7	-0.2	-0.4%
87.7%	51.9	51.6	-0.3	-0.6%
88.9%	51.9	51.6	-0.2	-0.5%
90.1%	51.8	51.6	-0.2	-0.4%
91.4%	51.7	51.5	-0.2	-0.5%
92.6%	51.7	51.5	-0.2	-0.4%
93.8%	51.4	51.4	0.0	0.0%
95.1%	51.4	51.4	0.0	0.0%
96.3%	51.4	51.3	0.0	-0.1%
97.5%	51.3	51.3	-0.1	-0.2%
98.8%	51.2	51.1	-0.2	-0.3%
100.0%	51.2	51.1	-0.2	-0.3%

Table SQ3-1b

Sacramento River at Bonnyview Bridge, Monthly Temperature

Probability of Exceedance

June to September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	64.4	64.4	0.0	0.0%
1.2%	62.3	60.8	-1.5	-2.4%
2.5%	62.2	59.9	-2.3	-3.7%
3.7%	60.9	59.1	-1.8	-3.0%
4.9%	60.0	56.8	-3.1	-5.2%
6.2%	58.4	56.8	-1.6	-2.8%
7.4%	57.7	56.3	-1.5	-2.5%
8.6%	57.6	55.6	-2.0	-3.5%
9.9%	57.1	55.5	-1.6	-2.8%
11.1%	56.6	55.5	-1.0	-1.8%
12.3%	56.0	55.4	-0.6	-1.0%
13.6%	56.0	55.4	-0.6	-1.0%
14.8%	55.8	55.3	-0.6	-1.0%
16.0%	55.8	55.3	-0.5	-1.0%
17.3%	55.8	55.0	-0.8	-1.5%
18.5%	55.6	54.9	-0.6	-1.2%
19.8%	55.3	54.9	-0.4	-0.6%
21.0%	55.2	54.9	-0.3	-0.5%
22.2%	55.1	54.7	-0.4	-0.8%
23.5%	55.1	54.7	-0.4	-0.8%
24.7%	55.0	54.7	-0.3	-0.6%
25.9%	54.9	54.6	-0.3	-0.6%
27.2%	54.7	54.5	-0.2	-0.4%
28.4%	54.6	54.4	-0.2	-0.4%
29.6%	54.5	54.3	-0.2	-0.4%
30.9%	54.5	54.3	-0.2	-0.4%
32.1%	54.4	54.2	-0.3	-0.5%
33.3%	54.3	53.9	-0.4	-0.7%
34.6%	54.1	53.9	-0.2	-0.3%
35.8%	54.0	53.9	-0.2	-0.3%
37.0%	53.9	53.8	-0.1	-0.2%
38.3%	53.9	53.7	-0.1	-0.2%
39.5%	53.8	53.7	-0.1	-0.2%
40.7%	53.7	53.6	-0.1	-0.2%
42.0%	53.7	53.6	-0.1	-0.2%
43.2%	53.7	53.6	-0.1	-0.1%
44.4%	53.7	53.6	0.0	-0.1%
45.7%	53.6	53.5	-0.1	-0.2%
46.9%	53.6	53.5	-0.1	-0.3%
48.1%	53.5	53.5	-0.1	-0.2%
49.4%	53.5	53.4	-0.1	-0.2%
50.6%	53.5	53.4	-0.1	-0.2%
51.9%	53.5	53.4	-0.1	-0.2%
53.1%	53.3	53.3	0.0	0.0%
54.3%	53.3	53.3	0.0	-0.1%
55.6%	53.3	53.2	0.0	-0.1%
56.8%	53.3	53.2	0.0	-0.1%
58.0%	53.2	53.2	0.0	-0.1%
59.3%	53.1	53.1	0.0	-0.1%
60.5%	53.1	53.1	0.0	0.0%
61.7%	53.1	53.1	0.0	0.0%
63.0%	53.1	53.0	0.0	-0.1%
64.2%	53.0	52.9	-0.1	-0.2%
65.4%	52.9	52.9	-0.1	-0.1%
66.7%	52.9	52.9	-0.1	-0.1%
67.9%	52.9	52.9	0.0	-0.1%
69.1%	52.8	52.8	0.0	-0.1%
70.4%	52.7	52.8	0.0	0.1%
71.6%	52.6	52.8	0.2	0.4%
72.8%	52.5	52.7	0.2	0.3%
74.1%	52.5	52.6	0.1	0.1%
75.3%	52.5	52.5	0.0	-0.1%
76.5%	52.5	52.4	-0.1	-0.2%
77.8%	52.4	52.4	0.0	-0.1%
79.0%	52.3	52.4	0.1	0.2%
80.2%	52.2	52.3	0.1	0.2%
81.5%	52.1	52.3	0.1	0.3%
82.7%	52.1	52.2	0.1	0.2%
84.0%	52.0	52.2	0.2	0.3%
85.2%	52.0	52.2	0.2	0.3%
86.4%	52.0	52.1	0.1	0.3%
87.7%	51.8	52.0	0.2	0.5%
88.9%	51.7	51.9	0.2	0.4%
90.1%	51.7	51.8	0.1	0.3%
91.4%	51.6	51.8	0.3	0.5%
92.6%	51.5	51.8	0.3	0.5%
93.8%	51.4	51.7	0.3	0.6%
95.1%	51.4	51.6	0.3	0.5%
96.3%	51.4	51.6	0.2	0.4%
97.5%	51.0	51.4	0.4	0.7%
98.8%	51.0	51.3	0.3	0.6%
100.0%	50.9	51.1	0.2	0.4%

July to September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.8	67.1	0.3	0.4%
1.2%	64.9	63.2	-1.6	-2.5%
2.5%	64.3	61.6	-2.7	-4.2%
3.7%	62.9	60.8	-2.1	-3.3%
4.9%	61.4	58.0	-3.4	-5.5%
6.2%	60.0	57.5	-2.5	-4.1%
7.4%	59.1	56.8	-2.3	-3.9%
8.6%	58.2	56.5	-1.8	-3.0%
9.9%	58.1	56.3	-1.7	-3.0%
11.1%	57.8	56.0	-1.8	-3.1%
12.3%	56.8	56.0	-0.7	-1.3%
13.6%	56.7	55.9	-0.8	-1.4%
14.8%	56.6	55.7	-0.9	-1.6%
16.0%	56.4	55.6	-0.8	-1.4%
17.3%	56.4	55.4	-1.0	-1.7%
18.5%	56.4	55.4	-1.0	-1.7%
19.8%	56.0	55.2	-0.8	-1.4%
21.0%	55.8	55.1	-0.7	-1.3%
22.2%	55.6	55.0	-0.6	-1.2%
23.5%	55.4	54.9	-0.5	-0.9%
24.7%	55.4	54.9	-0.5	-1.0%
25.9%	55.4	54.8	-0.5	-1.0%
27.2%	55.3	54.7	-0.6	-1.1%
28.4%	55.3	54.6	-0.6	-1.1%
29.6%	55.2	54.6	-0.6	-1.1%
30.9%	55.0	54.6	-0.4	-0.8%
32.1%	54.9	54.6	-0.3	-0.6%
33.3%	54.8	54.6	-0.3	-0.5%
34.6%	54.8	54.3	-0.5	-0.8%
35.8%	54.6	54.3	-0.4	-0.7%
37.0%	54.6	54.2	-0.4	-0.7%
38.3%	54.4	54.1	-0.3	-0.5%
39.5%	54.4	54.1	-0.3	-0.5%
40.7%	54.4	54.1	-0.3	-0.5%
42.0%	54.3	54.0	-0.3	-0.6%
43.2%	54.2	54.0	-0.3	-0.5%
44.4%	54.2	54.0	-0.3	-0.5%
45.7%	54.2	53.9	-0.3	-0.5%
46.9%	54.1	53.9	-0.2	-0.4%
48.1%	54.1	53.8	-0.3	-0.5%
49.4%	54.1	53.8	-0.3	-0.5%
50.6%	54.0	53.8	-0.2	-0.4%
51.9%	54.0	53.8	-0.2	-0.4%
53.1%	54.0	53.7	-0.2	-0.4%
54.3%	54.0	53.7	-0.2	-0.5%
55.6%	53.9	53.7	-0.2	-0.4%
56.8%	53.9	53.7	-0.2	-0.4%
58.0%	53.9	53.7	-0.2	-0.4%
59.3%	53.9	53.7	-0.2	-0.4%
60.5%	53.6	53.6	-0.1	-0.1%
61.7%	53.6	53.5	-0.1	-0.2%
63.0%	53.5	53.4	-0.1	-0.2%
64.2%	53.5	53.4	-0.1	-0.2%
65.4%	53.5	53.4	-0.1	-0.2%
66.7%	53.5	53.3	-0.1	-0.2%
67.9%	53.4	53.3	-0.1	-0.2%
69.1%	53.3	53.3	0.0	0.0%
70.4%	53.2	53.2	0.1	0.1%
71.6%	53.1	53.2	0.0	0.1%
72.8%	53.1	53.0	-0.1	-0.1%
74.1%	53.1	53.0	0.0	-0.1%
75.3%	53.1	53.0	-0.1	-0.2%
76.5%	53.1	52.9	-0.2	-0.3%
77.8%	53.0	52.8	-0.2	-0.5%
79.0%	52.9	52.7	-0.1	-0.3%
80.2%	52.8	52.7	-0.2	-0.3%
81.5%	52.7	52.5	-0.1	-0.3%
82.7%	52.6	52.5	-0.1	-0.2%
84.0%	52.6	52.5	-0.1	-0.1%
85.2%	52.5	52.5	-0.1	-0.1%
86.4%	52.3	52.5	0.2	0.3%
87.7%	52.2	52.4	0.3	0.5%
88.9%	52.1	52.3	0.1	0.2%
90.1%	52.0	52.2	0.1	0.3%
91.4%	52.0	52.0	0.1	0.1%
92.6%	52.0	52.0	0.0	0.1%
93.8%	51.9	51.9	0.0	0.0%
95.1%	51.9	51.9	0.0	0.0%
96.3%	51.7	51.8	0.1	0.1%
97.5%	51.5	51.7	0.2	0.4%
98.8%	51.4	51.7	0.3	0.5%
100.0%	51.4	51.7	0.3	0.5%

August to September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.9	68.2	0.3	0.4%
1.2%	67.5	66.8	-0.7	-1.0%
2.5%	67.2	64.5	-2.8	-4.1%
3.7%	66.4	63.6	-2.8	-4.2%
4.9%	64.1	59.9	-4.2	-6.6%
6.2%	62.2	58.7	-3.4	-5.5%
7.4%	60.8	57.9	-2.8	-4.7%
8.6%	59.6	57.7	-2.0	-3.3%
9.9%	59.4	57.2	-2.2	-3.7%
11.1%	58.9	56.9	-2.0	-3.4%
12.3%	57.5	56.8	-0.7	-1.2%
13.6%	57.4	56.6	-0.8	-1.5%
14.8%	57.1	56.3	-0.8	-1.3%
16.0%	57.0	56.1	-1.0	-1.7%
17.3%	57.0	55.9	-1.1	-1.9%
18.5%	56.8	55.6	-1.2	-2.1%
19.8%	56.2	55.6	-0.6	-1.0%
21.0%	56.1	55.5	-0.6	-1.1%
22.2%	56.1	55.1	-1.0	-1.8%
23.5%	55.9	55.1	-0.8	-1.4%
24.7%	55.9	55.1	-0.7	-1.3%
25.9%	55.7	55.1	-0.6	-1.1%
27.2%	55.7	54.9	-0.7	-1.3%
28.4%	55.5	54.9	-0.6	-1.1%
29.6%	55.5	54.9	-0.6	-1.1%
30.9%	55.3	54.8	-0.5	-0.8%
32.1%	55.1	54.7	-0.4	-0.7%
33.3%	55.0	54.6	-0.4	-0.8%
34.6%	55.0	54.6	-0.4	-0.8%
35.8%	55.0	54.6	-0.4	-0.8%
37.0%	55.0	54.5	-0.5	-0.9%
38.3%	54.9	54.4	-0.5	-0.8%
39.5%	54.8	54.4	-0.4	-0.8%
40.7%	54.8	54.4	-0.4	-0.8%
42.0%	54.8	54.4	-0.5	-0.8%
43.2%	54.8	54.3	-0.5	-0.8%
44.4%	54.8	54.3	-0.5	-0.8%
45.7%	54.7	54.2	-0.5	-0.9%
46.9%	54.7	54.2	-0.5	-1.0%
48.1%	54.6	54.1	-0.5	-0.9%
49.4%	54.6	54.1	-0.5	-0.9%
50.6%	54.5	54.1	-0.5	-0.8%
51.9%	54.5	54.0	-0.5	-0.9%
53.1%	54.5	54.0	-0.5	-0.9%
54.3%	54.5	53.9	-0.6	-1.1%
55.6%	54.5	53.9	-0.6	-1.1%
56.8%	54.4	53.8	-0.6	-1.1%
58.0%	54.4	53.8	-0.6	-1.1%
59.3%	54.4	53.8	-0.6	-1.1%
60.5%	54.3	53.8	-0.5	-1.0%
61.7%	54.1	53.7	-0.4	-0.8%
63.0%	53.9	53.7	-0.2	-0.4%
64.2%	53.8	53.7	-0.1	-0.3%
65.4%	53.8	53.7	-0.1	-0.3%
66.7%	53.8	53.7	-0.1	-0.3%
67.9%	53.8	53.6	-0.1	-0.3%
69.1%	53.7	53.6	-0.1	-0.2%
70.4%	53.5	53.6	0.0	0.1%
71.6%	53.5	53.5	0.0	0.0%
72.8%	53.5	53.3	-0.1	-0.3%
74.1%	53.5	53.3	-0.2	-0.4%
75.3%	53.5	53.2	-0.3	-0.5%
76.5%	53.5	53.1	-0.4	-0.7%
77.8%	53.4	53.0	-0.4	-0.7%
79.0%	53.2	52.8	-0.3	-0.7%
80.2%	53.1	52.8	-0.3	-0.5%
81.5%	53.1	52.8	-0.3	-0.5%
82.7%	53.0	52.8	-0.3	-0.5%
84.0%	52.9	52.7	-0.2	-0.4%
85.2%	52.7	52.6	-0.1	-0.1%
86.4%	52.7	52.5	-0.2	-0.4%
87.7%	52.7	52.4	-0.2	-0.4%
88.9%	52.6	52.4	-0.2	-0.4%
90.1%	52.4	52.4	0.0	0.0%
91.4%	52.3	52.3	0.0	0.0%
92.6%	52.3	52.3	0.0	0.0%
93.8%	52.2	52.2	0.0	0.1%
95.1%	52.1	52.1	0.0	-0.1%
96.3%	52.1	52.1	0.0	-0.1%
97.5%	52.1	51.8	-0.3	-0.5%
98.8%	51.7	51.7	-0.1	-0.2%
100.0%	51.7	51.6	-0.1	-0.1%

Figure SQ4-1b
Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

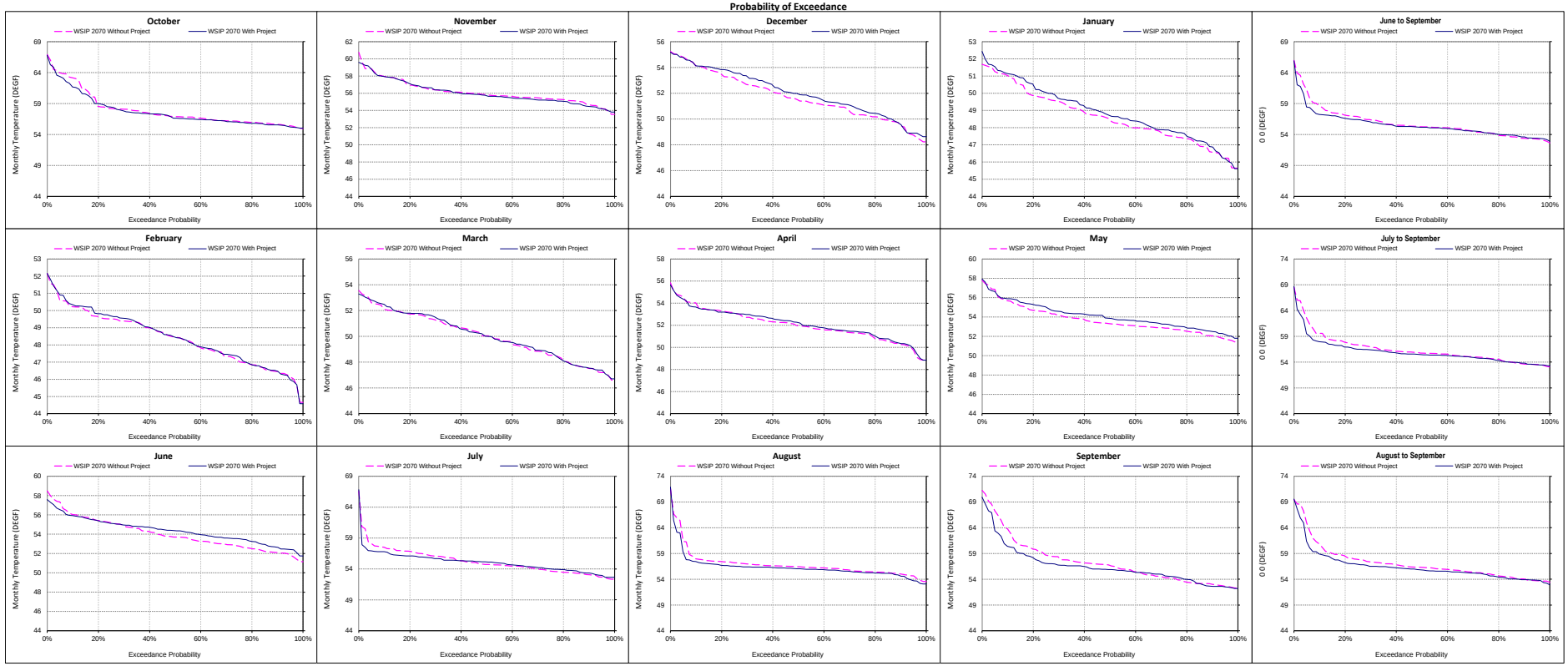


Table SQ4-1b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.9	66.8	-0.1	-0.1%
1.2%	66.0	65.3	-0.7	-1.1%
2.5%	64.5	64.9	0.4	0.6%
3.7%	64.4	63.6	-0.8	-1.2%
4.9%	64.0	63.4	-0.6	-0.9%
6.2%	63.8	63.1	-0.7	-1.1%
7.4%	63.8	62.5	-1.2	-2.0%
8.6%	63.3	62.3	-1.0	-1.6%
9.9%	63.2	61.7	-1.5	-2.3%
11.1%	63.0	61.6	-1.4	-2.3%
12.3%	62.7	61.3	-1.3	-2.1%
13.6%	61.4	60.6	-0.8	-1.2%
14.8%	61.3	60.6	-0.8	-1.3%
16.0%	60.9	60.3	-0.6	-1.0%
17.3%	60.1	59.9	-0.2	-0.4%
18.5%	60.1	59.0	-1.0	-1.7%
19.8%	58.6	59.0	0.4	0.7%
21.0%	58.5	58.9	0.5	0.8%
22.2%	58.4	58.8	0.4	0.6%
23.5%	58.2	58.5	0.3	0.5%
24.7%	58.2	58.5	0.2	0.4%
25.9%	58.2	58.3	0.2	0.3%
27.2%	58.2	58.1	-0.1	-0.1%
28.4%	58.1	58.0	-0.2	-0.3%
29.6%	58.1	57.8	-0.3	-0.5%
30.9%	58.1	57.6	-0.4	-0.7%
32.1%	58.1	57.6	-0.4	-0.8%
33.3%	57.9	57.6	-0.3	-0.6%
34.6%	57.9	57.5	-0.4	-0.6%
35.8%	57.8	57.5	-0.3	-0.6%
37.0%	57.6	57.4	-0.2	-0.3%
38.3%	57.6	57.4	-0.2	-0.3%
39.5%	57.5	57.4	-0.1	-0.2%
40.7%	57.3	57.3	0.0	0.1%
42.0%	57.2	57.3	0.1	0.1%
43.2%	57.1	57.3	0.2	0.3%
44.4%	57.1	57.3	0.2	0.3%
45.7%	57.1	57.2	0.1	0.2%
46.9%	57.0	57.1	0.1	0.1%
48.1%	56.9	56.9	0.0	-0.1%
49.4%	56.9	56.6	-0.3	-0.5%
50.6%	56.9	56.6	-0.3	-0.5%
51.9%	56.9	56.6	-0.3	-0.5%
53.1%	56.8	56.6	-0.3	-0.5%
54.3%	56.8	56.5	-0.3	-0.5%
55.6%	56.8	56.5	-0.3	-0.6%
56.8%	56.8	56.5	-0.3	-0.6%
58.0%	56.7	56.5	-0.2	-0.3%
59.3%	56.7	56.4	-0.2	-0.4%
60.5%	56.6	56.4	-0.2	-0.3%
61.7%	56.6	56.4	-0.2	-0.3%
63.0%	56.4	56.4	0.0	-0.1%
64.2%	56.4	56.4	0.0	-0.1%
65.4%	56.3	56.3	0.0	-0.1%
66.7%	56.3	56.2	0.0	0.0%
67.9%	56.2	56.2	0.0	0.0%
69.1%	56.2	56.2	0.0	-0.1%
70.4%	56.2	56.1	-0.1	-0.2%
71.6%	56.2	56.1	-0.1	-0.2%
72.8%	56.2	56.0	-0.1	-0.3%
74.1%	56.2	56.0	-0.1	-0.2%
75.3%	56.1	56.0	-0.1	-0.2%
76.5%	56.0	55.9	-0.1	-0.2%
77.8%	56.0	55.8	-0.2	-0.3%
79.0%	56.0	55.8	-0.2	-0.3%
80.2%	56.0	55.8	-0.1	-0.3%
81.5%	56.0	55.8	-0.2	-0.3%
82.7%	55.9	55.8	-0.1	-0.1%
84.0%	55.8	55.8	0.0	-0.1%
85.2%	55.8	55.6	-0.2	-0.4%
86.4%	55.8	55.6	-0.2	-0.4%
87.7%	55.7	55.6	-0.1	-0.2%
88.9%	55.7	55.6	-0.1	-0.2%
90.1%	55.6	55.5	-0.1	-0.2%
91.4%	55.6	55.5	-0.1	-0.2%
92.6%	55.5	55.5	0.0	0.0%
93.8%	55.4	55.4	-0.1	-0.1%
95.1%	55.4	55.2	-0.2	-0.4%
96.3%	55.3	55.2	-0.1	-0.2%
97.5%	55.1	55.1	0.0	0.0%
98.8%	55.0	55.1	0.1	0.1%
100.0%	55.0	55.1	0.0	0.1%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.8	59.6	-1.2	-1.9%
1.2%	59.7	59.5	-0.2	-0.4%
2.5%	58.9	59.2	0.4	0.6%
3.7%	58.8	59.2	0.3	0.6%
4.9%	58.8	58.8	0.0	-0.1%
6.2%	58.5	58.3	-0.1	-0.2%
7.4%	58.1	58.1	0.0	0.0%
8.6%	58.1	58.0	-0.1	-0.1%
9.9%	58.0	57.9	0.0	0.0%
11.1%	57.9	57.9	0.0	-0.1%
12.3%	57.8	57.8	0.0	0.0%
13.6%	57.8	57.8	0.0	0.0%
14.8%	57.7	57.7	0.0	0.0%
16.0%	57.7	57.5	-0.2	-0.3%
17.3%	57.6	57.4	-0.2	-0.3%
18.5%	57.1	57.3	0.2	0.3%
19.8%	56.9	57.2	0.2	0.4%
21.0%	56.9	57.0	0.0	0.1%
22.2%	56.8	56.9	0.1	0.2%
23.5%	56.8	56.9	0.1	0.2%
24.7%	56.7	56.7	0.0	0.0%
25.9%	56.6	56.7	0.1	0.1%
27.2%	56.5	56.6	0.2	0.3%
28.4%	56.4	56.6	0.2	0.4%
29.6%	56.4	56.4	0.0	0.0%
30.9%	56.4	56.4	0.0	0.0%
32.1%	56.3	56.4	0.0	0.1%
33.3%	56.2	56.4	0.1	0.2%
34.6%	56.2	56.3	0.1	0.3%
35.8%	56.2	56.3	0.1	0.2%
37.0%	56.1	56.1	-0.1	-0.1%
38.3%	56.1	56.1	-0.1	-0.1%
39.5%	56.1	56.0	-0.1	-0.2%
40.7%	56.1	55.9	-0.2	-0.3%
42.0%	56.0	55.9	-0.1	-0.2%
43.2%	56.0	55.9	-0.1	-0.2%
44.4%	56.0	55.9	-0.1	-0.2%
45.7%	56.0	55.9	-0.1	-0.3%
46.9%	55.9	55.9	-0.1	-0.1%
48.1%	55.9	55.8	-0.1	-0.1%
49.4%	55.9	55.8	-0.1	-0.2%
50.6%	55.8	55.7	-0.1	-0.3%
51.9%	55.7	55.6	-0.1	-0.2%
53.1%	55.7	55.6	-0.1	-0.2%
54.3%	55.7	55.6	-0.1	-0.2%
55.6%	55.7	55.6	-0.1	-0.2%
56.8%	55.7	55.5	-0.2	-0.3%
58.0%	55.7	55.5	-0.2	-0.3%
59.3%	55.7	55.5	-0.2	-0.3%
60.5%	55.6	55.4	-0.2	-0.3%
61.7%	55.5	55.4	-0.1	-0.3%
63.0%	55.5	55.4	-0.1	-0.3%
64.2%	55.5	55.4	-0.1	-0.3%
65.4%	55.5	55.4	-0.2	-0.3%
66.7%	55.5	55.3	-0.2	-0.3%
67.9%	55.5	55.3	-0.2	-0.4%
69.1%	55.5	55.3	-0.2	-0.4%
70.4%	55.5	55.2	-0.2	-0.4%
71.6%	55.4	55.2	-0.2	-0.4%
72.8%	55.4	55.2	-0.2	-0.3%
74.1%	55.4	55.2	-0.2	-0.3%
75.3%	55.3	55.2	-0.2	-0.3%
76.5%	55.3	55.2	-0.2	-0.3%
77.8%	55.3	55.1	-0.2	-0.4%
79.0%	55.3	55.1	-0.2	-0.4%
80.2%	55.3	55.1	-0.2	-0.4%
81.5%	55.2	55.0	-0.1	-0.3%
82.7%	55.1	54.9	-0.3	-0.5%
84.0%	55.1	54.8	-0.4	-0.6%
85.2%	55.1	54.8	-0.3	-0.6%
86.4%	55.0	54.7	-0.3	-0.5%
87.7%	55.0	54.6	-0.4	-0.7%
88.9%	54.7	54.5	-0.2	-0.4%
90.1%	54.7	54.5	-0.2	-0.4%
91.4%	54.6	54.4	-0.1	-0.3%
92.6%	54.6	54.4	-0.2	-0.3%
93.8%	54.4	54.3	-0.1	-0.3%
95.1%	54.2	54.2	0.0	0.0%
96.3%	54.2	54.1	0.0	-0.1%
97.5%	53.9	54.0	0.1	0.2%
98.8%	53.5	53.8	0.3	0.5%
100.0%	53.5	53.8	0.3	0.5%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	55.2	55.2	-0.1	-0.1%
1.2%	55.1	55.0	-0.1	-0.1%
2.5%	55.0	55.0	0.0	0.0%
3.7%	54.9	54.8	-0.1	-0.2%
4.9%	54.8	54.8	0.0	0.0%
6.2%	54.7	54.6	-0.1	-0.1%
7.4%	54.5	54.6	0.1	0.1%
8.6%	54.4	54.4	0.0	0.0%
9.9%	54.1	54.1	0.0	0.0%
11.1%	54.1	54.1	0.0	0.0%
12.3%	54.0	54.1	0.1	0.1%
13.6%	54.0	54.1	0.1	0.2%
14.8%	53.8	54.1	0.3	0.5%
16.0%	53.8	54.0	0.3	0.5%
17.3%	53.7	53.9	0.2	0.4%
18.5%	53.6	53.9	0.3	0.5%
19.8%	53.5	53.8	0.4	0.7%
21.0%	53.3	53.8	0.5	1.0%
22.2%	53.3	53.8	0.5	1.0%
23.5%	53.3	53.7	0.4	0.8%
24.7%	53.2	53.6	0.4	0.7%
25.9%	53.0	53.5	0.5	1.0%
27.2%	53.0	53.5	0.6	1.1%
28.4%	52.8	53.4	0.6	1.0%
29.6%	52.7	53.4	0.7	1.3%
30.9%	52.6	53.2	0.5	1.0%
32.1%	52.6	53.1	0.5	1.0%
33.3%	52.6	53.1	0.5	1.0%
34.6%	52.5	53.0	0.5	1.0%
35.8%	52.4	53.0	0.5	1.0%
37.0%	52.4	52.9	0.4	0.9%
38.3%	52.3	52.8	0.5	0.9%
39.5%	52.1	52.7	0.6	1.1%
40.7%	52.0	52.4	0.4	0.8%
42.0%	52.0	52.4	0.4	0.8%
43.2%	52.0	52.3	0.3	0.5%
44.4%	51.8	52.1	0.3	0.6%
45.7%	51.7	52.1	0.4	0.9%
46.9%	51.6	52.1	0.4	0.8%
48.1%	51.6	52.0	0.4	0.7%
49.4%	51.5	52.0	0.5	0.9%
50.6%	51.4	51.9	0.5	1.0%
51.9%	51.4	51.9	0.5	0.9%
53.1%	51.4	51.9	0.5	0.9%
54.3%	51.3	51.8	0.5	0.9%
55.6%	51.2	51.7	0.5	0.9%
56.8%	51.2	51.7	0.5	0.9%
58.0%	51.2	51.6	0.4	0.9%
59.3%	51.1	51.5	0.4	0.7%
60.5%	51.1	51.4	0.3	0.6%
61.7%	51.0	51.3	0.3	0.6%
63.0%	51.0	51.3	0.3	0.5%
64.2%	51.0	51.3	0.3	0.5%
65.4%	51.0	51.3	0.3	0.6%
66.7%	50.9	51.2	0.2	0.5%
67.9%	50.9	51.1	0.2	0.4%
69.1%	50.8	51.1	0.3	0.6%
70.4%	50.5	51.1	0.5	1.0%
71.6%	50.3	51.0	0.6	1.2%
72.8%	50.3	50.8	0.5	1.0%
74.1%	50.3	50.7	0.4	0.8%
75.3%	50.3	50.6	0.3	0.6%
76.5%	50.3	50.6	0.3	0.5%
77.8%	50.2	50.5	0.2	0.5%
79.0%	50.2	50.5	0.3	0.6%
80.2%	50.2	50.4	0.3	0.5%
81.5%	50.1	50.4	0.3	0.5%
82.7%	50.0	50.3	0.3	0.6%
84.0%	49.9	50.2	0.3	0.6%
85.2%	49.9	50.0	0.1	0.3%
86.4%	49.8	50.0	0.2	0.4%
87.7%	49.8	49.8	0.0	0.1%
88.9%	49.7	49.7	0.0	0.0%
90.1%	49.5	49.5	0.1	0.2%
91.4%	49.4	49.2	-0.2	-0.3%
92.6%	48.9	48.9	0.0	0.1%
93.8%	48.8	48.9	0.1	0.2%
95.1%	48.7	48.9	0.1	0.3%
96.3%	48.6	48.9	0.3	0.7%
97.5%	48.4	48.8	0.4	0.8%
98.8%	48.2	48.6	0.4	0.8%
100.0%	48.2	48.6	0.4	0.8%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	51.7	52.4	0.7	1.4%
1.2%	51.6	52.0	0.4	0.7%
2.5%	51.6	51.7	0.1	0.2%
3.7%	51.5	51.7	0.1	0.3%
4.9%	51.3	51.5	0.3	0.5%
6.2%	51.2	51.3	0.1	0.3%
7.4%	51.1	51.3	0.2	0.3%
8.6%	51.1	51.2	0.1	0.2%
9.9%	51.0	51.1	0.1	0.2%
11.1%	50.9	51.1	0.2	0.4%
12.3%	50.8	51.1	0.2	0.4%
13.6%	50.5	51.0	0.5	1.0%
14.8%	50.5	50.9	0.4	0.8%
16.0%	50.5	50.9	0.4	0.9%
17.3%	50.0	50.7	0.6	1.2%
18.5%	49.9	50.6	0.6	1.3%
19.8%	49.9	50.5	0.7	1.3%
21.0%	49.9	50.2	0.4	0.7%
22.2%	49.8	50.2	0.4	0.8%
23.5%	49.8	50.1	0.4	0.7%
24.7%	49.7	50.1	0.3	0.6%
25.9%	49.6	50.0	0.3	0.7%
27.2%	49.6	50.0	0.4	0.8%
28.4%	49.6	49.9	0.3	0.7%
29.6%	49.5	49.7	0.2	0.4%
30.9%	49.5	49.7	0.2	0.3%
32.1%	49.4	49.6	0.2	0.5%
33.3%	49.3	49.6	0.3	0.7%
34.6%	49.2	49.6	0.4	0.8%
35.8%	49.1	49.6	0.4	0.9%
37.0%	49.1	49.5	0.4	0.9%
38.3%	49.1	49.3	0.3	0.6%
39.5%	48.9	49.3	0.3	0.7%
40.7%	48.8	49.1	0.4	0.7%
42.0%	48.8	49.1	0.4	0.8%
43.2%	48.7	49.1	0.3	0.7%
44.4%	48.7	49.0	0.3	0.6%
45.7%	48.7	49.0	0.3	0.5%
46.9%	48.7	48.9	0.2	0.5%
48.1%	48.6	48.8	0.2	0.4%
49.4%	48.5	48.7	0.2	0.4%
50.6%	48.3	48.6	0.3	0.6%
51.9%	48.3	48.6	0.4	0.8%
53.1%	48.3	48.6	0.4	0.8%
54.3%	48.2	48.6	0.3	0.7%
55.6%	48.2	48.5	0.3	0.7%
56.8%	48.1	48.5	0.4	0.8%
58.0%	48.0	48.4	0.4	0.8%
59.3%	48.0	48.4	0.4	0.8%
60.5%	48.0	48.4	0.4	0.8%
61.7%	48.0	48.3	0.4	0.8%
63.0%	47.9	48.3	0.3	0.7%
64.2%	47.9	48.2	0.2	0.5%
65.4%	47.9	48.1	0.2	0.3%
66.7%	47.9	48.0	0.1	0.2%
67.9%	47.9	47.9	0.1	0.1%
69.1%	47.8	47.9	0.1	0.2%
70.4%	47.7	47.9	0.2	0.4%
71.6%	47.6	47.9	0.3	0.7%
72.8%	47.5	47.9	0.3	0.7%
74.1%	47.5	47.8	0.3	0.6%
75.3%	47.5	47.7	0.3	0.6%
76.5%	47.4	47.7	0.3	0.6%
77.8%	47.4	47.7	0.3	0.6%
79.0%	47.4	47.7	0.3	0.6%
80.2%	47.4	47.5	0.1	0.3%
81.5%	47.3	47.4	0.1	0.2%
82.7%	47.2	47.3	0.1	0.2%
84.0%	47.1	47.2	0.2	0.3%
85.2%	46.9	47.2	0.3	0.7%
86.4%	46.9	47.2	0.3	0.6%
87.7%	46.9	47.1	0.2	0.5%
88.9%	46.6	46.9	0.3	0.7%
90.1%	46.6	46.9	0.3	0.7%
91.4%	46.6	46.6	0.1	0.2%
92.6%	46.5	46.5	0.0	0.1%
93.8%	46.3	46.3	0.0	0.0%
95.1%	46.2	46.2	0.0	-0.1%
96.3%	46.2	46.0	-0.2	-0.4%
97.5%	45.7	45.9	0.3	0.6%
98.8%	45.6	45.6	0.0	-0.1%
100.0%	45.6	45.6	0.0	-0.1%

Table SQ4-1b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.2	52.2	0.0	0.0%
1.2%	51.6	51.8	0.2	0.5%
2.5%	51.5	51.4	-0.1	-0.1%
3.7%	51.2	51.2	0.0	0.0%
4.9%	50.6	50.9	0.3	0.6%
6.2%	50.6	50.9	0.3	0.6%
7.4%	50.5	50.6	0.0	0.1%
8.6%	50.3	50.4	0.1	0.3%
9.9%	50.2	50.3	0.1	0.2%
11.1%	50.2	50.3	0.1	0.1%
12.3%	50.2	50.3	0.1	0.1%
13.6%	50.2	50.2	0.1	0.1%
14.8%	50.0	50.2	0.2	0.4%
16.0%	50.0	50.2	0.2	0.5%
17.3%	49.7	50.2	0.5	1.0%
18.5%	49.7	49.8	0.2	0.3%
19.8%	49.7	49.8	0.2	0.3%
21.0%	49.6	49.8	0.2	0.5%
22.2%	49.5	49.8	0.2	0.5%
23.5%	49.5	49.8	0.2	0.5%
24.7%	49.5	49.7	0.2	0.4%
25.9%	49.5	49.6	0.1	0.3%
27.2%	49.5	49.6	0.2	0.3%
28.4%	49.4	49.6	0.2	0.4%
29.6%	49.4	49.6	0.2	0.3%
30.9%	49.4	49.5	0.2	0.3%
32.1%	49.4	49.5	0.2	0.3%
33.3%	49.4	49.4	0.1	0.2%
34.6%	49.3	49.4	0.0	0.1%
35.8%	49.3	49.3	0.0	-0.1%
37.0%	49.2	49.2	0.0	0.0%
38.3%	49.0	49.1	0.0	0.1%
39.5%	49.0	49.0	0.0	0.1%
40.7%	49.0	49.0	0.0	0.0%
42.0%	48.9	48.9	0.0	0.0%
43.2%	48.8	48.8	0.0	0.1%
44.4%	48.7	48.8	0.0	0.0%
45.7%	48.7	48.6	-0.1	-0.2%
46.9%	48.6	48.6	0.0	0.0%
48.1%	48.5	48.6	0.0	0.1%
49.4%	48.5	48.5	0.0	0.0%
50.6%	48.4	48.4	0.0	0.0%
51.9%	48.4	48.4	0.0	0.0%
53.1%	48.3	48.3	0.0	0.1%
54.3%	48.2	48.3	0.0	0.1%
55.6%	48.2	48.1	-0.1	-0.2%
56.8%	48.1	48.1	0.0	-0.1%
58.0%	47.9	48.0	0.1	0.2%
59.3%	47.9	47.9	0.0	0.0%
60.5%	47.8	47.9	0.1	0.2%
61.7%	47.8	47.8	0.1	0.1%
63.0%	47.8	47.8	0.0	0.1%
64.2%	47.7	47.8	0.1	0.2%
65.4%	47.6	47.7	0.1	0.2%
66.7%	47.6	47.6	0.0	0.1%
67.9%	47.6	47.5	-0.1	-0.2%
69.1%	47.4	47.5	0.1	0.2%
70.4%	47.3	47.5	0.1	0.2%
71.6%	47.3	47.4	0.1	0.2%
72.8%	47.2	47.4	0.1	0.3%
74.1%	47.1	47.4	0.2	0.5%
75.3%	47.0	47.3	0.3	0.6%
76.5%	47.0	47.1	0.1	0.2%
77.8%	47.0	47.0	0.0	0.1%
79.0%	46.9	46.9	0.0	0.1%
80.2%	46.8	46.8	0.0	0.0%
81.5%	46.8	46.8	0.0	-0.1%
82.7%	46.7	46.8	0.1	0.1%
84.0%	46.7	46.7	0.0	0.0%
85.2%	46.6	46.7	0.1	0.2%
86.4%	46.5	46.6	0.1	0.1%
87.7%	46.5	46.5	0.0	0.1%
88.9%	46.5	46.5	0.1	0.1%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.3	46.3	0.0	-0.1%
92.6%	46.3	46.3	-0.1	-0.2%
93.8%	46.3	46.2	0.0	-0.1%
95.1%	46.1	46.0	-0.2	-0.4%
96.3%	46.0	45.9	-0.1	-0.3%
97.5%	45.7	45.7	0.0	0.1%
98.8%	44.7	44.6	-0.1	-0.2%
100.0%	44.7	44.6	-0.1	-0.2%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.6	53.3	-0.3	-0.5%
1.2%	53.3	53.2	-0.1	-0.2%
2.5%	53.2	53.0	-0.1	-0.2%
3.7%	53.0	52.9	-0.1	-0.2%
4.9%	52.6	52.8	0.2	0.4%
6.2%	52.5	52.7	0.2	0.4%
7.4%	52.5	52.6	0.1	0.2%
8.6%	52.4	52.5	0.1	0.2%
9.9%	52.1	52.5	0.4	0.7%
11.1%	52.0	52.3	0.2	0.5%
12.3%	52.0	52.3	0.3	0.5%
13.6%	52.0	52.0	0.1	0.2%
14.8%	51.9	51.9	0.0	0.0%
16.0%	51.9	51.9	0.0	-0.1%
17.3%	51.8	51.8	0.0	0.0%
18.5%	51.8	51.8	0.0	0.0%
19.8%	51.7	51.8	0.1	0.1%
21.0%	51.7	51.8	0.1	0.1%
22.2%	51.7	51.8	0.1	0.1%
23.5%	51.7	51.8	0.1	0.2%
24.7%	51.6	51.8	0.1	0.2%
25.9%	51.5	51.7	0.1	0.3%
27.2%	51.4	51.7	0.3	0.6%
28.4%	51.4	51.6	0.2	0.5%
29.6%	51.3	51.5	0.2	0.4%
30.9%	51.2	51.4	0.2	0.4%
32.1%	51.2	51.3	0.1	0.2%
33.3%	51.0	51.3	0.3	0.6%
34.6%	50.9	51.1	0.2	0.4%
35.8%	50.8	50.9	0.1	0.2%
37.0%	50.8	50.8	0.0	0.0%
38.3%	50.7	50.8	0.1	0.2%
39.5%	50.7	50.6	-0.1	-0.2%
40.7%	50.6	50.5	-0.1	-0.2%
42.0%	50.6	50.5	-0.1	-0.2%
43.2%	50.5	50.4	-0.1	-0.3%
44.4%	50.4	50.3	-0.1	-0.2%
45.7%	50.4	50.3	-0.1	-0.2%
46.9%	50.3	50.3	-0.1	-0.1%
48.1%	50.0	50.2	0.2	0.3%
49.4%	50.0	50.0	0.0	-0.1%
50.6%	50.0	50.0	0.0	-0.1%
51.9%	50.0	50.0	0.0	0.0%
53.1%	49.8	49.8	0.0	0.0%
54.3%	49.8	49.8	0.0	-0.1%
55.6%	49.8	49.6	-0.2	-0.3%
56.8%	49.6	49.6	0.0	-0.1%
58.0%	49.6	49.6	0.0	-0.1%
59.3%	49.6	49.5	0.0	-0.1%
60.5%	49.3	49.5	0.2	0.3%
61.7%	49.3	49.4	0.1	0.2%
63.0%	49.2	49.4	0.1	0.3%
64.2%	49.2	49.3	0.1	0.3%
65.4%	49.1	49.3	0.1	0.3%
66.7%	49.0	49.2	0.2	0.5%
67.9%	48.9	49.2	0.2	0.5%
69.1%	48.8	48.9	0.1	0.1%
70.4%	48.8	48.9	0.1	0.1%
71.6%	48.8	48.9	0.1	0.2%
72.8%	48.7	48.9	0.1	0.3%
74.1%	48.5	48.8	0.2	0.4%
75.3%	48.5	48.7	0.2	0.4%
76.5%	48.5	48.6	0.0	0.1%
77.8%	48.4	48.4	-0.1	-0.1%
79.0%	48.3	48.2	-0.1	-0.2%
80.2%	48.1	48.1	0.0	0.0%
81.5%	48.0	48.0	-0.1	-0.1%
82.7%	47.9	47.9	0.0	0.0%
84.0%	47.7	47.8	0.1	0.1%
85.2%	47.7	47.7	0.0	0.0%
86.4%	47.7	47.7	0.0	0.0%
87.7%	47.6	47.6	0.0	0.0%
88.9%	47.6	47.6	0.0	0.1%
90.1%	47.5	47.5	0.0	0.1%
91.4%	47.5	47.5	0.0	0.0%
92.6%	47.4	47.4	0.0	0.0%
93.8%	47.2	47.4	0.2	0.4%
95.1%	47.2	47.4	0.2	0.4%
96.3%	47.2	47.1	-0.1	-0.2%
97.5%	47.0	46.9	0.0	-0.1%
98.8%	46.6	46.7	0.1	0.2%
100.0%	46.6	46.7	0.1	0.2%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	55.8	55.7	-0.2	-0.3%
1.2%	55.1	55.1	0.0	0.1%
2.5%	54.8	54.7	-0.1	-0.1%
3.7%	54.7	54.5	-0.2	-0.4%
4.9%	54.6	54.4	-0.2	-0.4%
6.2%	54.1	54.2	0.1	0.2%
7.4%	54.1	53.7	-0.4	-0.7%
8.6%	54.0	53.7	-0.4	-0.7%
9.9%	54.0	53.7	-0.4	-0.7%
11.1%	53.5	53.5	0.0	0.0%
12.3%	53.5	53.5	-0.1	-0.1%
13.6%	53.5	53.5	0.0	-0.1%
14.8%	53.4	53.4	0.0	0.0%
16.0%	53.4	53.4	0.0	0.0%
17.3%	53.4	53.4	0.0	0.0%
18.5%	53.4	53.2	-0.2	-0.3%
19.8%	53.3	53.2	-0.1	-0.2%
21.0%	53.3	53.2	-0.1	-0.1%
22.2%	53.2	53.1	-0.1	-0.1%
23.5%	53.2	53.1	-0.1	-0.1%
24.7%	53.2	53.1	-0.1	-0.1%
25.9%	53.0	53.1	0.0	0.0%
27.2%	53.0	53.0	0.1	0.1%
28.4%	52.7	53.0	0.3	0.5%
29.6%	52.7	53.0	0.3	0.5%
30.9%	52.7	53.0	0.3	0.5%
32.1%	52.6	52.9	0.3	0.5%
33.3%	52.6	52.8	0.2	0.4%
34.6%	52.6	52.8	0.3	0.5%
35.8%	52.5	52.8	0.3	0.6%
37.0%	52.4	52.8	0.4	0.7%
38.3%	52.4	52.7	0.3	0.6%
39.5%	52.3	52.6	0.3	0.6%
40.7%	52.3	52.5	0.2	0.5%
42.0%	52.3	52.5	0.3	0.5%
43.2%	52.3	52.5	0.2	0.4%
44.4%	52.3	52.4	0.2	0.3%
45.7%	52.2	52.4	0.2	0.4%
46.9%	52.2	52.4	0.2	0.4%
48.1%	52.1	52.3	0.2	0.3%
49.4%	52.0	52.3	0.3	0.6%
50.6%	52.0	52.2	0.3	0.5%
51.9%	51.9	52.0	0.1	0.2%
53.1%	51.9	52.0	0.1	0.2%
54.3%	51.8	52.0	0.1	0.2%
55.6%	51.7	51.9	0.2	0.4%
56.8%	51.7	51.9	0.2	0.4%
58.0%	51.7	51.8	0.2	0.3%
59.3%	51.6	51.8	0.2	0.3%
60.5%	51.6	51.7	0.2	0.3%
61.7%	51.6	51.7	0.1	0.2%
63.0%	51.6	51.7	0.1	0.2%
64.2%	51.5	51.6	0.1	0.2%
65.4%	51.5	51.6	0.1	0.1%
66.7%	51.5	51.5	0.1	0.1%
67.9%	51.5	51.5	0.0	0.1%
69.1%	51.4	51.5	0.1	0.2%
70.4%	51.3	51.5	0.1	0.3%
71.6%	51.3	51.5	0.2	0.3%
72.8%	51.3	51.4	0.1	0.3%
74.1%	51.3	51.4	0.1	0.2%
75.3%	51.2	51.4	0.1	0.3%
76.5%	51.2	51.3	0.1	0.2%
77.8%	51.2	51.3	0.1	0.2%
79.0%	51.0	51.1	0.2	0.3%
80.2%	50.7	51.0	0.2	0.5%
81.5%	50.7	50.8	0.1	0.2%
82.7%	50.7	50.8	0.1	0.2%
84.0%	50.6	50.8	0.2	0.3%
85.2%	50.5	50.8	0.2	0.5%
86.4%	50.5	50.6	0.1	0.3%
87.7%	50.4	50.5	0.1	0.2%
88.9%	50.4	50.4	0.1	0.1%
90.1%	50.3	50.3	0.1	0.2%
91.4%	50.2	50.3	0.1	0.2%
92.6%	50.1	50.3	0.1	0.3%
93.8%	50.1	50.1	0.1	0.1%
95.1%	49.7	49.9	0.2	0.3%
96.3%	49.1	49.4	0.3	0.6%
97.5%	48.9	49.0	0.1	0.2%
98.8%	48.9	48.8	0.0	0.0%
100.0%	48.9	48.8	0.0	0.0%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	57.8	57.9	0.1	0.2%
1.2%	57.4	57.6	0.1	0.3%
2.5%	57.3	56.9	-0.4	-0.7%
3.7%	56.9	56.7	-0.2	-0.3%
4.9%	56.9	56.6	-0.2	-0.4%
6.2%	56.1	56.2	0.1	0.2%
7.4%	55.9	56.0	0.1	0.1%
8.6%	55.8	56.0	0.2	0.3%
9.9%	55.7	55.9	0.2	0.4%
11.1%	55.6	55.9	0.3	0.5%
12.3%	55.4	55.8	0.4	0.7%
13.6%	55.4	55.8	0.4	0.8%
14.8%	55.1	55.5	0.4	0.7%
16.0%	55.1	55.5	0.4	0.7%
17.3%	55.0	55.4	0.4	0.7%
18.5%	54.8	55.4	0.6	1.1%
19.8%	54.7	55.3	0.6	1.1%
21.0%	54.7	55.2	0.6	1.0%
22.2%	54.6	55.2	0.6	1.1%
23.5%	54.6	55.1	0.5	1.0%
24.7%	54.5	55.0	0.5	0.9%
25.9%	54.5	54.9	0.4	0.7%
27.2%	54.3	54.7	0.4	0.7%
28.4%	54.3	54.6	0.3	0.5%
29.6%	54.2	54.6	0.4	0.8%
30.9%	54.1	54.5	0.4	0.8%
32.1%	54.0	54.4	0.4	0.8%
33.3%	54.0	54.4	0.4	0.8%
34.6%	53.9	54.4	0.4	0.8%
35.8%	53.9	54.3	0.5	0.9%
37.0%	53.9	54.3	0.5	0.9%
38.3%	53.8	54.3	0.5	0.9%
39.5%	53.8	54.3	0.5	0.9%
40.7%	53.6	54.3	0.6	1.2%
42.0%	53.6	54.2	0.6	1.2%
43.2%	53.4	54.2	0.7	1.4%
44.4%	53.4	54.2	0.7	1.4%
45.7%	53.4	54.2	0.8	1.4%
46.9%	53.4	54.2	0.8	1.5%
48.1%	53.4	53.9	0.5	1.0%
49.4%	53.3	53.9	0.5	1.0%
50.6%	53.3	53.8	0.6	1.0%
51.9%	53.3	53.8	0.5	0.9%
53.1%	53.2	53.7	0.5	0.9%
54.3%	53.2	53.7	0.5	1.0%
55.6%	53.2	53.7	0.5	1.0%
56.8%	53.2	53.7	0.5	1.0%
58.0%	53.1	53.6	0.5	1.0%
59.3%	53.1	53.6	0.5	1.0%
60.5%	53.1	53.6	0.5	1.0%
61.7%	53.0	53.6	0.5	1.0%
63.0%	53.0	53.5	0.5	1.0%
64.2%	53.0	53.5	0.5	1.0%
65.4%	53.0	53.4	0.5	0.9%
66.7%	52.9	53.4	0.5	0.9%
67.9%	52.9	53.4	0.5	0.9%
69.1%	52.9	53.3	0.4	0.8%
70.4%	52.9	53.3	0.4	0.7%
71.6%	52.8	53.3	0.4	0.8%
72.8%	52.8	53.2	0.4	0.7%
74.1%	52.7	53.1	0.4	0.8%
75.3%	52.7	53.0	0.3	0.6%
76.5%	52.7	53.0	0.3	0.6%
77.8%	52.7	53.0	0.3	0.6%
79.0%	52.6	53.0	0.4	0.8%
80.2%	52.5	52.8	0.3	0.6%
81.5%	52.5	52.8	0.4	0.7%
82.7%	52.4	52.8	0.4	0.8%
84.0%	52.4	52.8	0.4	0.7%
85.2%	52.4	52.7	0.3	0.6%
86.4%	52.2	52.6	0.5	0.9%
87.7%	52.1	52.6	0.5	0.9%
88.9%	52.1	52.5	0.5	0.9%
90.1%	52.1	52.5	0.4	0.9%
91.4%	52.0	52.5	0.4	0.8%
92.6%	51.9	52.3	0.4	0.8%
93.8%	51.8	52.3	0.5	0.9%
95.1%	51.7	52.2	0.5	1.0%
96.3%	51.6	52.1	0.4	0.8%
97.5%	51.6	52.0	0.4	0.9%
98.8%	51.4	51.8	0.4	0.7%
100.0%	51.4	51.8	0.4	0.7%

Table SQ4-1b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	58.5	57.6	-0.9	-1.5%
1.2%	58.0	57.3	-0.7	-1.2%
2.5%	57.6	57.1	-0.6	-1.0%
3.7%	57.4	56.7	-0.7	-1.2%
4.9%	57.3	56.5	-0.8	-1.4%
6.2%	56.6	56.4	-0.3	-0.5%
7.4%	56.5	56.0	-0.4	-0.8%
8.6%	56.2	55.9	-0.2	-0.4%
9.9%	56.0	55.9	-0.1	-0.2%
11.1%	56.0	55.9	-0.1	-0.2%
12.3%	56.0	55.8	-0.1	-0.3%
13.6%	55.8	55.8	0.0	0.0%
14.8%	55.8	55.7	-0.1	-0.1%
16.0%	55.7	55.6	-0.1	-0.2%
17.3%	55.7	55.5	-0.2	-0.3%
18.5%	55.5	55.5	0.0	0.0%
19.8%	55.4	55.4	0.0	0.0%
21.0%	55.4	55.3	-0.1	-0.2%
22.2%	55.3	55.3	-0.1	-0.1%
23.5%	55.3	55.2	-0.1	-0.1%
24.7%	55.2	55.1	-0.1	-0.1%
25.9%	55.1	55.1	0.0	0.0%
27.2%	55.1	55.0	0.0	-0.1%
28.4%	55.0	55.0	0.0	0.0%
29.6%	54.9	55.0	0.0	0.0%
30.9%	54.8	54.9	0.2	0.3%
32.1%	54.7	54.9	0.2	0.4%
33.3%	54.7	54.8	0.1	0.2%
34.6%	54.6	54.8	0.2	0.4%
35.8%	54.6	54.8	0.2	0.4%
37.0%	54.4	54.8	0.4	0.8%
38.3%	54.3	54.7	0.4	0.8%
39.5%	54.3	54.7	0.4	0.8%
40.7%	54.2	54.7	0.5	0.9%
42.0%	54.2	54.6	0.4	0.8%
43.2%	54.0	54.5	0.5	1.0%
44.4%	53.9	54.5	0.6	1.1%
45.7%	53.8	54.5	0.6	1.2%
46.9%	53.8	54.4	0.6	1.2%
48.1%	53.8	54.4	0.6	1.2%
49.4%	53.7	54.4	0.7	1.2%
50.6%	53.7	54.3	0.6	1.2%
51.9%	53.7	54.3	0.6	1.2%
53.1%	53.7	54.3	0.6	1.1%
54.3%	53.6	54.2	0.6	1.1%
55.6%	53.5	54.2	0.7	1.2%
56.8%	53.4	54.1	0.7	1.3%
58.0%	53.4	54.0	0.7	1.3%
59.3%	53.3	54.0	0.7	1.3%
60.5%	53.3	53.9	0.7	1.3%
61.7%	53.3	53.9	0.7	1.2%
63.0%	53.2	53.8	0.6	1.1%
64.2%	53.1	53.8	0.7	1.3%
65.4%	53.1	53.7	0.6	1.2%
66.7%	53.0	53.7	0.7	1.2%
67.9%	53.0	53.7	0.7	1.2%
69.1%	53.0	53.6	0.6	1.2%
70.4%	52.9	53.6	0.7	1.3%
71.6%	52.9	53.6	0.7	1.3%
72.8%	52.9	53.6	0.7	1.3%
74.1%	52.8	53.5	0.7	1.4%
75.3%	52.7	53.5	0.8	1.4%
76.5%	52.6	53.5	0.8	1.6%
77.8%	52.6	53.4	0.8	1.6%
79.0%	52.6	53.3	0.7	1.4%
80.2%	52.5	53.2	0.8	1.5%
81.5%	52.5	53.2	0.7	1.4%
82.7%	52.4	53.0	0.6	1.2%
84.0%	52.3	53.0	0.6	1.2%
85.2%	52.2	52.9	0.7	1.4%
86.4%	52.2	52.8	0.6	1.2%
87.7%	52.2	52.7	0.6	1.1%
88.9%	52.1	52.7	0.6	1.1%
90.1%	52.1	52.6	0.5	1.0%
91.4%	52.0	52.5	0.4	0.8%
92.6%	52.0	52.5	0.4	0.8%
93.8%	52.0	52.5	0.5	0.9%
95.1%	51.8	52.4	0.6	1.1%
96.3%	51.6	52.4	0.7	1.4%
97.5%	51.4	52.1	0.7	1.3%
98.8%	51.2	51.7	0.6	1.1%
100.0%	51.2	51.7	0.6	1.1%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.6	66.8	0.2	0.4%
1.2%	60.8	57.9	-2.9	-4.8%
2.5%	60.5	57.5	-3.0	-4.9%
3.7%	58.4	57.0	-1.4	-2.5%
4.9%	58.1	56.9	-1.2	-2.0%
6.2%	57.7	56.8	-0.9	-1.6%
7.4%	57.7	56.8	-0.9	-1.5%
8.6%	57.6	56.8	-0.8	-1.3%
9.9%	57.5	56.8	-0.7	-1.3%
11.1%	57.3	56.7	-0.6	-1.0%
12.3%	57.3	56.4	-0.8	-1.5%
13.6%	57.3	56.3	-1.0	-1.7%
14.8%	57.0	56.2	-0.7	-1.3%
16.0%	57.0	56.2	-0.8	-1.4%
17.3%	56.9	56.1	-0.7	-1.3%
18.5%	56.9	56.1	-0.8	-1.3%
19.8%	56.9	56.1	-0.8	-1.4%
21.0%	56.8	56.1	-0.7	-1.2%
22.2%	56.6	56.1	-0.6	-1.0%
23.5%	56.5	55.9	-0.6	-1.0%
24.7%	56.5	55.9	-0.6	-1.0%
25.9%	56.4	55.9	-0.5	-0.8%
27.2%	56.2	55.8	-0.4	-0.7%
28.4%	56.1	55.8	-0.3	-0.6%
29.6%	56.1	55.7	-0.4	-0.7%
30.9%	56.1	55.7	-0.4	-0.7%
32.1%	56.0	55.6	-0.4	-0.7%
33.3%	55.9	55.4	-0.5	-0.9%
34.6%	55.8	55.4	-0.4	-0.7%
35.8%	55.8	55.4	-0.4	-0.7%
37.0%	55.8	55.4	-0.4	-0.6%
38.3%	55.4	55.4	0.0	0.0%
39.5%	55.4	55.3	0.0	0.0%
40.7%	55.3	55.3	0.0	0.1%
42.0%	55.2	55.3	0.1	0.3%
43.2%	55.1	55.3	0.2	0.4%
44.4%	55.1	55.3	0.2	0.4%
45.7%	55.0	55.2	0.2	0.3%
46.9%	54.8	55.2	0.4	0.7%
48.1%	54.8	55.2	0.4	0.7%
49.4%	54.7	55.2	0.4	0.8%
50.6%	54.7	55.1	0.4	0.7%
51.9%	54.7	55.1	0.4	0.7%
53.1%	54.7	55.0	0.4	0.7%
54.3%	54.7	55.0	0.3	0.6%
55.6%	54.6	54.9	0.3	0.6%
56.8%	54.5	54.9	0.4	0.7%
58.0%	54.5	54.7	0.2	0.3%
59.3%	54.5	54.7	0.2	0.4%
60.5%	54.5	54.6	0.2	0.3%
61.7%	54.5	54.6	0.1	0.2%
63.0%	54.4	54.6	0.1	0.2%
64.2%	54.4	54.5	0.2	0.3%
65.4%	54.3	54.4	0.1	0.1%
66.7%	54.2	54.4	0.2	0.3%
67.9%	54.1	54.3	0.2	0.4%
69.1%	54.0	54.3	0.3	0.5%
70.4%	53.9	54.2	0.3	0.5%
71.6%	53.9	54.2	0.3	0.6%
72.8%	53.9	54.1	0.2	0.4%
74.1%	53.7	54.0	0.3	0.6%
75.3%	53.6	54.0	0.3	0.6%
76.5%	53.6	54.0	0.4	0.7%
77.8%	53.6	54.0	0.4	0.7%
79.0%	53.5	53.9	0.4	0.8%
80.2%	53.5	53.9	0.4	0.8%
81.5%	53.4	53.8	0.3	0.6%
82.7%	53.4	53.8	0.3	0.7%
84.0%	53.4	53.7	0.4	0.7%
85.2%	53.3	53.7	0.4	0.7%
86.4%	53.3	53.5	0.2	0.4%
87.7%	53.2	53.4	0.2	0.3%
88.9%	53.1	53.3	0.3	0.5%
90.1%	53.1	53.3	0.3	0.5%
91.4%	53.0	53.3	0.3	0.5%
92.6%	53.0	53.1	0.1	0.2%
93.8%	52.7	53.0	0.3	0.6%
95.1%	52.7	53.0	0.3	0.5%
96.3%	52.6	52.7	0.1	0.2%
97.5%	52.4	52.6	0.2	0.4%
98.8%	52.3	52.6	0.3	0.6%
100.0%	52.3	52.6	0.3	0.6%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	71.6	71.9	0.3	0.4%
1.2%	66.7	65.4	-1.3	-1.9%
2.5%	65.9	63.1	-2.8	-4.3%
3.7%	65.4	63.0	-2.5	-3.8%
4.9%	61.4	59.4	-2.0	-3.2%
6.2%	61.3	57.8	-3.5	-5.7%
7.4%	58.8	57.8	-1.1	-1.8%
8.6%	58.5	57.5	-1.0	-1.7%
9.9%	58.0	57.4	-0.5	-0.9%
11.1%	57.9	57.2	-0.6	-1.1%
12.3%	57.8	57.1	-0.7	-1.2%
13.6%	57.6	57.1	-0.5	-0.9%
14.8%	57.6	57.0	-0.6	-1.1%
16.0%	57.5	57.0	-0.6	-1.0%
17.3%	57.5	56.9	-0.6	-1.0%
18.5%	57.5	56.9	-0.6	-1.0%
19.8%	57.4	56.7	-0.7	-1.3%
21.0%	57.4	56.7	-0.7	-1.2%
22.2%	57.4	56.6	-0.7	-1.2%
23.5%	57.3	56.6	-0.8	-1.3%
24.7%	57.2	56.6	-0.6	-1.1%
25.9%	57.2	56.5	-0.7	-1.2%
27.2%	57.1	56.5	-0.6	-1.0%
28.4%	57.0	56.4	-0.6	-1.1%
29.6%	57.0	56.4	-0.6	-1.0%
30.9%	56.9	56.4	-0.6	-1.0%
32.1%	56.9	56.4	-0.5	-0.9%
33.3%	56.8	56.4	-0.5	-0.8%
34.6%	56.8	56.3	-0.5	-0.8%
35.8%	56.7	56.3	-0.4	-0.7%
37.0%	56.7	56.3	-0.3	-0.6%
38.3%	56.7	56.3	-0.3	-0.6%
39.5%	56.6	56.3	-0.3	-0.6%
40.7%	56.6	56.2	-0.4	-0.6%
42.0%	56.6	56.2	-0.4	-0.7%
43.2%	56.6	56.2	-0.4	-0.7%
44.4%	56.5	56.2	-0.4	-0.7%
45.7%	56.5	56.2	-0.4	-0.6%
46.9%	56.5	56.1	-0.4	-0.7%
48.1%	56.5	56.1	-0.4	-0.7%
49.4%	56.4	56.0	-0.4	-0.7%
50.6%	56.4	56.0	-0.4	-0.7%
51.9%	56.4	56.0	-0.3	-0.6%
53.1%	56.3	56.0	-0.4	-0.7%
54.3%	56.3	55.9	-0.4	-0.6%
55.6%	56.3	55.9	-0.3	-0.6%
56.8%	56.2	55.9	-0.3	-0.5%
58.0%	56.2	55.9	-0.3	-0.6%
59.3%	56.2	55.9	-0.3	-0.6%
60.5%	56.2	55.8	-0.3	-0.6%
61.7%	56.2	55.8	-0.4	-0.6%
63.0%	56.1	55.8	-0.3	-0.6%
64.2%	56.1	55.8	-0.3	-0.5%
65.4%	56.1	55.7	-0.3	-0.6%
66.7%	56.0	55.6	-0.4	-0.7%
67.9%	55.9	55.6	-0.3	-0.5%
69.1%	55.8	55.6	-0.3	-0.5%
70.4%	55.7	55.5	-0.2	-0.4%
71.6%	55.6	55.4	-0.2	-0.3%
72.8%	55.6	55.4	-0.2	-0.3%
74.1%	55.6	55.4	-0.2	-0.3%
75.3%	55.5	55.3	-0.2	-0.4%
76.5%	55.5	55.3	-0.2	-0.4%
77.8%	55.5	55.3	-0.2	-0.3%
79.0%	55.4	55.2	-0.2	-0.3%
80.2%	55.4	55.2	-0.2	-0.3%
81.5%	55.4	55.2	-0.2	-0.3%
82.7%	55.4	55.2	-0.2	-0.4%
84.0%	55.3	55.2	-0.2	-0.3%
85.2%	55.3	55.1	-0.2	-0.3%
86.4%	55.2	55.1	0.0	0.0%
87.7%	55.1	54.9	-0.3	-0.5%
88.9%	55.1	54.9	-0.2	-0.4%
90.1%	55.0	54.6	-0.4	-0.7%
91.4%	54.9	54.6	-0.3	-0.6%
92.6%	54.8	54.1	-0.7	-1.3%
93.8%	54.7	53.9	-0.8	-1.5%
95.1%	54.7	53.7	-0.9	-1.7%
96.3%	54.1	53.6	-0.5	-0.9%
97.5%	53.8	53.2	-0.6	-1.2%
98.8%	53.6	53.1	-0.5	-0.9%
100.0%	53.6	53.1	-0.5	-0.9%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	71.2	69.9	-1.3	-1.9%
1.2%	70.5	68.6	-1.9	-2.7%
2.5%	69.2	67.3	-1.9	-2.7%
3.7%	68.6	66.9	-1.7	-2.4%
4.9%	67.3	63.4	-3.9	-5.8%
6.2%	66.4	63.0	-3.5	-5.2%
7.4%	65.5	62.4	-3.1	-4.7%
8.6%	64.1	60.9	-3.2	-5.0%
9.9%	63.8	60.4	-3.4	-5.4%
11.1%	62.9	60.2	-2.7	-4.3%
12.3%	61.6	60.1	-1.5	-2.4%
13.6%	61.0	59.2	-1.8	-3.0%
14.8%	60.6	59.1	-1.6	-2.6%
16.0%	60.5	59.0	-1.5	-2.6%
17.3%	60.5	58.6	-1.9	-3.1%
18.5%	60.2	58.5	-1.7	-2.9%
19.8%	59.9	58.2	-1.6	-2.7%
21.0%	59.8	57.8	-2.0	-3.3%
22.2%	59.4	57.6	-1.8	-3.0%
23.5%	59.2	57.2	-2.0	-3.4%
24.7%	58.7	57.1	-1.6	-2.8%
25.9%	58.6	57.0	-1.5	-2.6%
27.2%	58.4	57.0	-1.4	-2.5%
28.4%	58.4	57.0	-1.4	-2.5%
29.6%	58.4	56.7	-1.6	-2.8%
30.9%	57.8	56.7	-1.1	-1.9%
32.1%	57.8	56.7	-1.1	-1.9%
33.3%	57.8	56.6	-1.1	-2.0%
34.6%	57.6	56.6	-1.0	-1.8%
35.8%	57.5	56.6	-0.9	-1.6%
37.0%	57.4	56.6	-0.7	-1.3%
38.3%	57.3	56.6	-0.7	-1.2%
39.5%	57.2	56.5	-0.7	-1.2%
40.7%	57.1	56.4	-0.8	-1.3%
42.0%	57.1	56.2	-0.9	-1.7%
43.2%	57.0	56.0	-1.0	-1.8%
44.4%	57.0	56.0	-1.0	-1.7%
45.7%	56.9	56.0	-0.9	-1.6%
46.9%	56.9	56.0	-0.9	-1.6%
48.1%	56.9	55.9	-1.0	-1.7%
49.4%	56.8	55.9	-0.9	-1.6%
50.6%	56.6	55.9	-0.7	-1.3%
51.9%	56.5	55.8	-0.7	-1.2%
53.1%	56.2	55.8	-0.4	-0.8%
54.3%	56.0	55.7	-0.3	-0.5%
55.6%	56.0	55.7	-0.3	-0.5%
56.8%	55.9	55.6	-0.3	-0.5%
58.0%	55.8	55.6	-0.3	-0.5%
59.3%	55.5	55.4	-0.1	-0.1%
60.5%	55.4	55.3	-0.1	-0.2%
61.7%	55.3	55.3	0.0	0.0%
63.0%	55.0	55.3	0.3	0.5%
64.2%	54.9	55.2	0.4	0.7%
65.4%	54.8	55.2	0.4	0.7%
66.7%	54.8	55.1	0.2	0.4%
67.9%	54.6	55.0	0.4	0.8%
69.1%	54.6	55.0	0.4	0.7%
70.4%	54.5	55.0	0.5	0.9%
71.6%	54.3	54.7	0.4	0.7%
72.8%	54.3	54.6	0.3	0.6%
74.1%	54.2	54.5	0.3	0.6%
75.3%	54.2	54.5	0.3	0.6%
76.5%	53.9	54.4	0.5	1.0%
77.8%	53.8	54.2	0.4	0.7%
79.0%	53.6	54.0	0.4	0.8%
80.2%	53.4	53.9	0.5	1.0%
81.5%	53.3	53.9	0.6	1.1%
82.7%	53.2	53.6	0.4	0.8%
84.0%	53.2	53.2	0.0	0.0%
85.2%	53.2	53.1	-0.1	-0.1%
86.4%	53.2	52.9	-0.2	-0.4%
87.7%	53.2	52.7	-0.4	-0.8%
88.9%	53.1	52.7	-0.5	-0.9%
90.1%	53.0	52.6	-0.4	-0.7%
91.4%	52.9	52.6	-0.3	-0.6%
92.6%	52.8	52.6	-0.2	-0.4%
93.8%	52.8	52.6	-0.2	-0.3%
95.1%	52.6	52.5	-0.1	-0.2%
96.3%	52.6	52.5	-0.1	-0.2%
97.5%	52.4	52.3	-0.1	-0.2%
98.8%	52.3	52.2	-0.1	-0.2%
100.0%	52.3	52.2	-0.1	-0.2%

Table SQ4-1b

Sacramento River at Balls Ferry, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.0	65.9	-0.1	-0.1%
1.2%	63.9	62.0	-1.9	-3.0%
2.5%	63.6	61.8	-1.8	-2.8%
3.7%	62.2	60.6	-1.6	-2.6%
4.9%	61.2	58.4	-2.8	-4.6%
6.2%	59.8	58.4	-1.4	-2.4%
7.4%	59.2	57.8	-1.3	-2.2%
8.6%	59.0	57.4	-1.6	-2.8%
9.9%	58.7	57.2	-1.4	-2.4%
11.1%	58.3	57.2	-1.2	-2.0%
12.3%	57.9	57.1	-0.8	-1.3%
13.6%	57.8	57.1	-0.7	-1.2%
14.8%	57.5	57.0	-0.5	-0.8%
16.0%	57.5	57.0	-0.5	-0.8%
17.3%	57.4	56.9	-0.5	-0.9%
18.5%	57.3	56.7	-0.6	-1.1%
19.8%	57.1	56.6	-0.5	-0.9%
21.0%	57.0	56.6	-0.5	-0.8%
22.2%	57.0	56.5	-0.5	-0.9%
23.5%	56.9	56.4	-0.5	-0.9%
24.7%	56.9	56.4	-0.5	-0.9%
25.9%	56.8	56.4	-0.4	-0.7%
27.2%	56.5	56.2	-0.3	-0.4%
28.4%	56.4	56.2	-0.2	-0.4%
29.6%	56.4	56.1	-0.3	-0.6%
30.9%	56.3	55.9	-0.4	-0.7%
32.1%	56.3	55.9	-0.4	-0.7%
33.3%	56.1	55.8	-0.4	-0.7%
34.6%	56.0	55.7	-0.4	-0.6%
35.8%	55.7	55.7	0.0	0.0%
37.0%	55.7	55.6	0.0	-0.1%
38.3%	55.6	55.5	-0.1	-0.2%
39.5%	55.5	55.4	-0.1	-0.3%
40.7%	55.5	55.3	-0.2	-0.4%
42.0%	55.5	55.3	-0.2	-0.4%
43.2%	55.5	55.3	-0.2	-0.4%
44.4%	55.4	55.3	-0.1	-0.1%
45.7%	55.4	55.3	-0.1	-0.1%
46.9%	55.3	55.3	-0.1	-0.2%
48.1%	55.3	55.2	-0.1	-0.2%
49.4%	55.3	55.2	-0.1	-0.1%
50.6%	55.2	55.2	-0.1	-0.1%
51.9%	55.2	55.2	-0.1	-0.1%
53.1%	55.2	55.1	-0.1	-0.2%
54.3%	55.2	55.1	-0.1	-0.1%
55.6%	55.1	55.1	-0.1	-0.1%
56.8%	55.1	55.1	-0.1	-0.1%
58.0%	55.1	55.0	-0.1	-0.2%
59.3%	55.1	55.0	-0.1	-0.2%
60.5%	55.1	55.0	-0.1	-0.2%
61.7%	55.1	54.9	-0.1	-0.3%
63.0%	55.0	54.8	-0.2	-0.3%
64.2%	54.9	54.8	-0.2	-0.3%
65.4%	54.9	54.8	-0.2	-0.4%
66.7%	54.8	54.6	-0.2	-0.3%
67.9%	54.7	54.6	-0.1	-0.1%
69.1%	54.6	54.6	0.0	-0.1%
70.4%	54.4	54.6	0.1	0.2%
71.6%	54.4	54.5	0.1	0.2%
72.8%	54.4	54.5	0.1	0.2%
74.1%	54.4	54.3	0.0	-0.1%
75.3%	54.3	54.3	0.0	0.0%
76.5%	54.2	54.2	0.0	-0.1%
77.8%	54.2	54.2	0.0	0.0%
79.0%	54.0	54.1	0.1	0.1%
80.2%	53.8	54.0	0.2	0.3%
81.5%	53.8	54.0	0.2	0.3%
82.7%	53.8	54.0	0.2	0.3%
84.0%	53.7	53.9	0.2	0.4%
85.2%	53.6	53.9	0.3	0.5%
86.4%	53.6	53.9	0.3	0.5%
87.7%	53.5	53.7	0.2	0.4%
88.9%	53.4	53.6	0.2	0.4%
90.1%	53.4	53.6	0.2	0.4%
91.4%	53.3	53.5	0.1	0.2%
92.6%	53.3	53.4	0.1	0.2%
93.8%	53.3	53.4	0.1	0.2%
95.1%	53.3	53.4	0.1	0.2%
96.3%	53.2	53.3	0.1	0.2%
97.5%	53.1	53.3	0.2	0.5%
98.8%	52.9	53.2	0.3	0.5%
100.0%	52.6	52.9	0.3	0.6%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	68.5	68.7	0.2	0.2%
1.2%	66.0	64.3	-1.7	-2.6%
2.5%	65.9	63.2	-2.7	-4.0%
3.7%	64.1	62.3	-1.8	-2.8%
4.9%	62.5	59.5	-3.0	-4.8%
6.2%	61.3	59.1	-2.3	-3.7%
7.4%	60.5	58.3	-2.2	-3.6%
8.6%	59.6	58.1	-1.5	-2.5%
9.9%	59.6	58.0	-1.6	-2.7%
11.1%	59.6	57.9	-1.7	-2.8%
12.3%	58.7	57.9	-0.9	-1.5%
13.6%	58.4	57.5	-0.9	-1.6%
14.8%	58.3	57.5	-0.8	-1.4%
16.0%	58.2	57.3	-0.9	-1.5%
17.3%	58.1	57.2	-0.9	-1.5%
18.5%	58.1	57.2	-0.9	-1.6%
19.8%	57.9	56.9	-0.9	-1.6%
21.0%	57.7	56.9	-0.8	-1.4%
22.2%	57.5	56.8	-0.7	-1.3%
23.5%	57.4	56.6	-0.8	-1.4%
24.7%	57.4	56.5	-0.8	-1.5%
25.9%	57.3	56.5	-0.8	-1.4%
27.2%	57.2	56.4	-0.8	-1.4%
28.4%	57.1	56.4	-0.7	-1.2%
29.6%	57.0	56.4	-0.6	-1.1%
30.9%	56.9	56.4	-0.5	-0.9%
32.1%	56.8	56.3	-0.5	-0.9%
33.3%	56.5	56.2	-0.2	-0.4%
34.6%	56.4	56.1	-0.3	-0.5%
35.8%	56.4	56.1	-0.3	-0.5%
37.0%	56.3	55.9	-0.4	-0.7%
38.3%	56.2	55.9	-0.3	-0.6%
39.5%	56.1	55.8	-0.3	-0.5%
40.7%	56.1	55.7	-0.4	-0.7%
42.0%	56.0	55.6	-0.4	-0.7%
43.2%	56.0	55.6	-0.4	-0.7%
44.4%	56.0	55.6	-0.4	-0.7%
45.7%	56.0	55.6	-0.4	-0.7%
46.9%	55.9	55.6	-0.3	-0.6%
48.1%	55.9	55.5	-0.4	-0.7%
49.4%	55.8	55.5	-0.3	-0.5%
50.6%	55.7	55.4	-0.3	-0.6%
51.9%	55.7	55.4	-0.3	-0.5%
53.1%	55.7	55.4	-0.3	-0.6%
54.3%	55.7	55.4	-0.3	-0.6%
55.6%	55.7	55.3	-0.3	-0.6%
56.8%	55.6	55.3	-0.3	-0.5%
58.0%	55.6	55.3	-0.2	-0.4%
59.3%	55.6	55.3	-0.3	-0.5%
60.5%	55.5	55.3	-0.2	-0.4%
61.7%	55.4	55.2	-0.2	-0.3%
63.0%	55.3	55.2	-0.1	-0.2%
64.2%	55.2	55.1	-0.1	-0.2%
65.4%	55.2	55.1	-0.1	-0.2%
66.7%	55.1	55.1	-0.1	-0.1%
67.9%	55.1	55.0	0.0	-0.1%
69.1%	55.1	54.9	-0.1	-0.2%
70.4%	55.0	54.9	-0.1	-0.2%
71.6%	55.0	54.8	-0.2	-0.4%
72.8%	54.9	54.8	-0.2	-0.3%
74.1%	54.9	54.7	-0.2	-0.3%
75.3%	54.8	54.7	-0.1	-0.2%
76.5%	54.7	54.6	-0.1	-0.1%
77.8%	54.7	54.6	-0.1	-0.2%
79.0%	54.6	54.4	-0.2	-0.4%
80.2%	54.6	54.3	-0.3	-0.5%
81.5%	54.2	54.2	-0.1	-0.1%
82.7%	54.1	54.1	-0.1	-0.2%
84.0%	54.1	54.0	0.0	-0.1%
85.2%	54.0	54.0	0.0	-0.1%
86.4%	53.8	54.0	0.1	0.3%
87.7%	53.8	53.9	0.1	0.2%
88.9%	53.7	53.8	0.1	0.2%
90.1%	53.6	53.8	0.2	0.4%
91.4%	53.6	53.6	0.0	0.0%
92.6%	53.6	53.6	0.0	0.0%
93.8%	53.6	53.5	0.0	-0.1%
95.1%	53.5	53.5	0.0	-0.1%
96.3%	53.5	53.5	-0.1	-0.1%
97.5%	53.4	53.4	0.1	0.1%
98.8%	53.2	53.3	0.2	0.3%
100.0%	53.1	53.2	0.2	0.3%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	69.5	69.6	0.1	0.2%
1.2%	68.6	67.7	-0.9	-1.4%
2.5%	68.6	65.9	-2.7	-3.9%
3.7%	67.3	64.9	-2.4	-3.5%
4.9%	65.0	61.4	-3.6	-5.5%
6.2%	63.4	60.1	-3.3	-5.1%
7.4%	62.0	59.4	-2.6	-4.2%
8.6%	61.3	59.3	-2.0	-3.2%
9.9%	60.9	58.9	-2.0	-3.3%
11.1%	60.1	58.7	-1.4	-2.3%
12.3%	59.4	58.6	-0.9	-1.4%
13.6%	59.3	58.5	-0.8	-1.4%
14.8%	59.0	58.0	-1.0	-1.7%
16.0%	58.8	57.8	-1.0	-1.8%
17.3%	58.8	57.8	-1.1	-1.8%
18.5%	58.7	57.5	-1.3	-2.1%
19.8%	58.6	57.3	-1.3	-2.2%
21.0%	58.2	57.1	-1.1	-1.8%
22.2%	58.1	57.0	-1.1	-1.9%
23.5%	57.9	57.0	-0.9	-1.6%
24.7%	57.9	56.9	-1.0	-1.6%
25.9%	57.8	56.8	-0.9	-1.6%
27.2%	57.7	56.8	-0.9	-1.6%
28.4%	57.5	56.7	-0.8	-1.3%
29.6%	57.4	56.5	-0.9	-1.5%
30.9%	57.3	56.5	-0.8	-1.4%
32.1%	57.3	56.5	-0.8	-1.4%
33.3%	57.2	56.5	-0.7	-1.3%
34.6%	57.1	56.5	-0.7	-1.1%
35.8%	57.0	56.4	-0.6	-1.0%
37.0%	57.0	56.4	-0.6	-1.1%
38.3%	57.0	56.3	-0.7	-1.2%
39.5%	56.8	56.3	-0.6	-1.0%
40.7%	56.7	56.2	-0.6	-1.0%
42.0%	56.6	56.1	-0.5	-0.9%
43.2%	56.5	56.1	-0.4	-0.8%
44.4%	56.4	56.0	-0.4	-0.7%
45.7%	56.4	56.0	-0.4	-0.7%
46.9%	56.4	56.0	-0.4	-0.7%
48.1%	56.3	55.9	-0.5	-0.9%
49.4%	56.3	55.8	-0.5	-0.9%
50.6%	56.3	55.8	-0.5	-1.0%
51.9%	56.2	55.7	-0.6	-1.0%
53.1%	56.2	55.6	-0.6	-1.1%
54.3%	56.2	55.6	-0.6	-1.0%
55.6%	56.0	55.6	-0.5	-0.8%
56.8%	56.0	55.6	-0.4	-0.8%
58.0%	56.0	55.6	-0.4	-0.7%
59.3%	55.9	55.6	-0.4	-0.7%
60.5%	55.9	55.5	-0.4	-0.6%
61.7%	55.8	55.4	-0.4	-0.7%
63.0%	55.8	55.4	-0.3	-0.6%
64.2%	55.7	55.4	-0.3	-0.6%
65.4%	55.6	55.4	-0.3	-0.5%
66.7%	55.5	55.3	-0.3	-0.5%
67.9%	55.4	55.3	-0.2	-0.3%
69.1%	55.4	55.2	-0.2	-0.4%
70.4%	55.3	55.2	-0.1	-0.3%
71.6%	55.3	55.2	-0.1	-0.2%
72.8%	55.3	55.1	-0.1	-0.2%
74.1%	55.1	55.0	-0.1	-0.3%
75.3%	55.1	54.9	-0.2	-0.3%
76.5%	55.0	54.6	-0.4	-0.7%
77.8%	54.9	54.6	-0.3	-0.5%
79.0%	54.8	54.5	-0.3	-0.6%
80.2%	54.6	54.4	-0.2	-0.4%
81.5%	54.6	54.4	-0.2	-0.4%
82.7%	54.5	54.3	-0.2	-0.4%
84.0%	54.5	54.1	-0.4	-0.7%
85.2%	54.4	54.1	-0.3	-0.6%
86.4%	54.2	54.0	-0.1	-0.2%
87.7%	54.1	54.0	-0.1	-0.1%
88.9%	54.1	53.9	-0.2	-0.3%
90.1%	54.0	53.9	-0.1	-0.3%
91.4%	53.8	53.9	0.1	0.1%
92.6%	53.8	53.8	0.1	0.1%
93.8%	53.8	53.8	0.1	0.2%
95.1%	53.7	53.8	0.1	0.2%
96.3%	53.7	53.7	0.1	0.1%
97.5%	53.6	53.4	-0.3	-0.5%
98.8%	53.6	53.2	-0.4	-0.8%
100.0%	53.4	52.9	-0.5	-0.9%

Figure SQ5-1b
Sacramento River at Jellys Ferry, Monthly Temperature
Probability of Exceedance

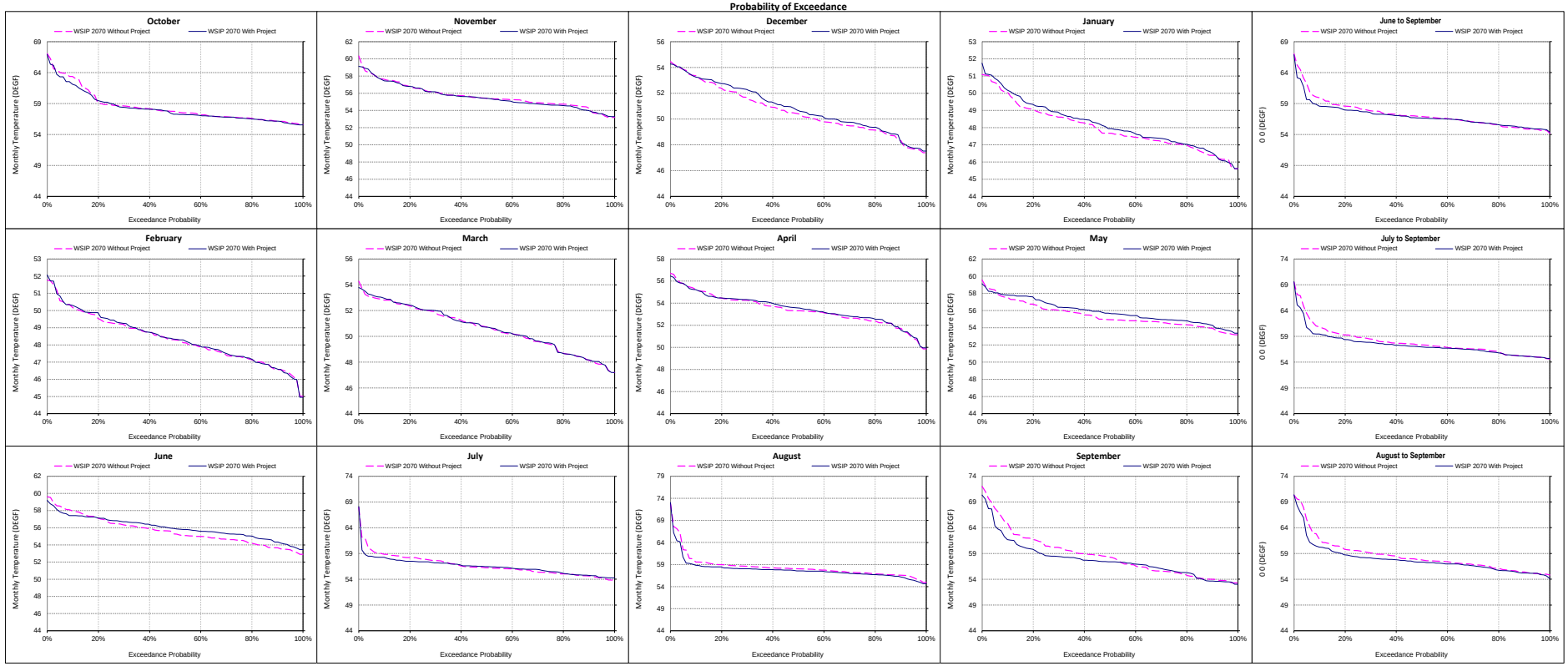


Table SQ5-1b

Sacramento River at Jellys Ferry, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.1	66.9	-0.1	-0.2%
1.2%	66.2	65.4	-0.9	-1.3%
2.5%	64.6	65.2	0.6	0.9%
3.7%	64.5	63.7	-0.9	-1.3%
4.9%	64.0	63.3	-0.7	-1.1%
6.2%	63.9	63.3	-0.6	-0.9%
7.4%	63.9	62.6	-1.3	-2.1%
8.6%	63.4	62.5	-0.9	-1.3%
9.9%	63.4	62.1	-1.3	-2.0%
11.1%	63.0	62.0	-1.1	-1.7%
12.3%	62.9	61.5	-1.4	-2.2%
13.6%	61.7	61.2	-0.5	-0.9%
14.8%	61.5	60.9	-0.6	-0.9%
16.0%	61.2	60.7	-0.5	-0.8%
17.3%	60.5	60.3	-0.2	-0.3%
18.5%	60.3	59.7	-0.6	-1.0%
19.8%	59.1	59.5	0.4	0.6%
21.0%	59.0	59.4	0.4	0.6%
22.2%	58.9	59.2	0.4	0.7%
23.5%	58.9	59.2	0.4	0.6%
24.7%	58.8	59.0	0.2	0.3%
25.9%	58.7	58.9	0.2	0.3%
27.2%	58.7	58.6	-0.1	-0.1%
28.4%	58.7	58.5	-0.2	-0.4%
29.6%	58.6	58.4	-0.2	-0.3%
30.9%	58.6	58.4	-0.2	-0.4%
32.1%	58.5	58.3	-0.2	-0.4%
33.3%	58.4	58.3	-0.2	-0.3%
34.6%	58.4	58.2	-0.2	-0.3%
35.8%	58.3	58.2	-0.1	-0.2%
37.0%	58.2	58.2	-0.1	-0.1%
38.3%	58.2	58.1	-0.1	-0.2%
39.5%	58.2	58.1	-0.1	-0.1%
40.7%	58.1	58.1	-0.1	-0.1%
42.0%	58.0	58.0	0.0	0.1%
43.2%	57.9	58.0	0.0	0.1%
44.4%	57.8	58.0	0.1	0.2%
45.7%	57.8	57.9	0.0	0.1%
46.9%	57.8	57.8	0.0	0.0%
48.1%	57.8	57.4	-0.3	-0.6%
49.4%	57.7	57.3	-0.5	-0.8%
50.6%	57.7	57.3	-0.5	-0.8%
51.9%	57.6	57.2	-0.3	-0.6%
53.1%	57.5	57.2	-0.3	-0.4%
54.3%	57.5	57.2	-0.3	-0.5%
55.6%	57.5	57.2	-0.3	-0.5%
56.8%	57.5	57.2	-0.3	-0.5%
58.0%	57.4	57.2	-0.3	-0.5%
59.3%	57.2	57.1	-0.1	-0.2%
60.5%	57.2	57.0	-0.1	-0.2%
61.7%	57.2	57.0	-0.2	-0.3%
63.0%	57.0	57.0	-0.1	-0.1%
64.2%	57.0	57.0	0.0	0.0%
65.4%	56.9	56.9	0.0	0.0%
66.7%	56.9	56.9	0.0	-0.1%
67.9%	56.9	56.8	-0.1	-0.1%
69.1%	56.9	56.8	-0.1	-0.1%
70.4%	56.9	56.8	-0.1	-0.1%
71.6%	56.8	56.8	0.0	0.0%
72.8%	56.8	56.8	0.0	0.0%
74.1%	56.8	56.7	-0.1	-0.1%
75.3%	56.7	56.7	0.0	-0.1%
76.5%	56.7	56.7	0.0	-0.1%
77.8%	56.7	56.6	-0.1	-0.2%
79.0%	56.7	56.6	-0.1	-0.2%
80.2%	56.6	56.5	-0.1	-0.1%
81.5%	56.4	56.5	0.1	0.1%
82.7%	56.4	56.4	0.0	0.1%
84.0%	56.4	56.4	0.0	0.0%
85.2%	56.4	56.3	-0.1	-0.2%
86.4%	56.3	56.2	-0.1	-0.2%
87.7%	56.3	56.2	-0.1	-0.2%
88.9%	56.2	56.2	0.0	0.0%
90.1%	56.1	56.1	0.0	0.0%
91.4%	56.1	56.1	0.0	0.0%
92.6%	56.1	55.9	-0.2	-0.4%
93.8%	56.0	55.9	-0.1	-0.2%
95.1%	55.9	55.7	-0.2	-0.4%
96.3%	55.8	55.7	-0.1	-0.2%
97.5%	55.8	55.6	-0.2	-0.4%
98.8%	55.6	55.6	0.0	-0.1%
100.0%	55.6	55.6	0.0	-0.1%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.3	59.1	-1.2	-2.0%
1.2%	59.3	59.1	-0.3	-0.5%
2.5%	58.6	58.9	0.3	0.5%
3.7%	58.4	58.8	0.4	0.6%
4.9%	58.3	58.4	0.1	0.1%
6.2%	58.1	58.1	0.0	0.0%
7.4%	57.8	57.8	0.0	0.0%
8.6%	57.7	57.6	-0.1	-0.1%
9.9%	57.6	57.5	-0.2	-0.3%
11.1%	57.5	57.4	-0.1	-0.2%
12.3%	57.5	57.4	-0.1	-0.1%
13.6%	57.5	57.4	-0.1	-0.1%
14.8%	57.3	57.2	-0.1	-0.1%
16.0%	57.3	57.2	-0.2	-0.3%
17.3%	56.9	56.9	-0.1	-0.1%
18.5%	56.9	56.8	-0.1	-0.2%
19.8%	56.8	56.8	0.0	0.0%
21.0%	56.7	56.8	0.1	0.2%
22.2%	56.6	56.6	0.0	0.1%
23.5%	56.6	56.6	0.0	0.1%
24.7%	56.5	56.5	0.0	0.0%
25.9%	56.3	56.2	-0.1	-0.2%
27.2%	56.2	56.2	0.0	0.0%
28.4%	56.2	56.2	0.0	0.0%
29.6%	56.1	56.2	0.0	0.0%
30.9%	56.1	56.1	0.1	0.1%
32.1%	56.0	55.9	-0.1	-0.2%
33.3%	56.0	55.8	-0.1	-0.3%
34.6%	55.8	55.8	0.0	0.0%
35.8%	55.8	55.8	0.0	0.0%
37.0%	55.8	55.8	0.0	0.0%
38.3%	55.7	55.7	-0.1	-0.1%
39.5%	55.7	55.6	-0.1	-0.2%
40.7%	55.7	55.6	-0.1	-0.2%
42.0%	55.7	55.6	0.0	-0.1%
43.2%	55.7	55.6	-0.1	-0.1%
44.4%	55.5	55.6	0.1	0.1%
45.7%	55.5	55.5	0.0	0.1%
46.9%	55.5	55.5	0.0	0.0%
48.1%	55.5	55.4	0.0	0.0%
49.4%	55.4	55.4	0.0	0.0%
50.6%	55.4	55.4	0.0	0.0%
51.9%	55.4	55.3	-0.1	-0.1%
53.1%	55.3	55.3	-0.1	-0.1%
54.3%	55.3	55.3	-0.1	-0.2%
55.6%	55.3	55.2	-0.2	-0.3%
56.8%	55.3	55.1	-0.2	-0.3%
58.0%	55.3	55.1	-0.2	-0.3%
59.3%	55.3	55.1	-0.2	-0.3%
60.5%	55.3	55.0	-0.3	-0.5%
61.7%	55.2	54.9	-0.3	-0.5%
63.0%	55.2	54.9	-0.3	-0.6%
64.2%	55.1	54.9	-0.2	-0.3%
65.4%	55.1	54.9	-0.2	-0.4%
66.7%	55.0	54.8	-0.2	-0.3%
67.9%	54.9	54.8	-0.1	-0.3%
69.1%	54.9	54.8	-0.1	-0.2%
70.4%	54.9	54.8	-0.1	-0.3%
71.6%	54.9	54.7	-0.1	-0.2%
72.8%	54.8	54.7	-0.2	-0.3%
74.1%	54.8	54.6	-0.2	-0.3%
75.3%	54.8	54.6	-0.2	-0.3%
76.5%	54.8	54.6	-0.1	-0.2%
77.8%	54.7	54.6	-0.1	-0.2%
79.0%	54.7	54.6	-0.1	-0.3%
80.2%	54.7	54.5	-0.2	-0.3%
81.5%	54.7	54.5	-0.2	-0.3%
82.7%	54.6	54.5	-0.1	-0.2%
84.0%	54.6	54.4	-0.2	-0.3%
85.2%	54.6	54.3	-0.2	-0.4%
86.4%	54.5	54.2	-0.3	-0.5%
87.7%	54.4	54.1	-0.4	-0.7%
88.9%	54.4	54.0	-0.4	-0.7%
90.1%	54.2	54.0	-0.3	-0.5%
91.4%	53.7	53.8	0.1	0.1%
92.6%	53.7	53.8	0.1	0.2%
93.8%	53.6	53.6	0.0	0.0%
95.1%	53.6	53.6	0.0	0.1%
96.3%	53.3	53.5	0.2	0.3%
97.5%	53.2	53.3	0.1	0.2%
98.8%	53.2	53.3	0.1	0.2%
100.0%	53.2	53.3	0.1	0.2%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.5	54.3	-0.2	-0.3%
1.2%	54.3	54.2	0.0	-0.1%
2.5%	54.1	54.1	-0.1	-0.1%
3.7%	54.0	54.1	0.1	0.1%
4.9%	53.9	53.9	0.0	0.0%
6.2%	53.8	53.7	-0.1	-0.1%
7.4%	53.5	53.5	0.1	0.1%
8.6%	53.4	53.4	0.0	-0.1%
9.9%	53.4	53.3	-0.1	-0.2%
11.1%	53.2	53.2	0.1	0.1%
12.3%	53.0	53.1	0.1	0.1%
13.6%	52.9	53.1	0.2	0.4%
14.8%	52.9	53.1	0.2	0.4%
16.0%	52.8	53.1	0.2	0.4%
17.3%	52.8	52.9	0.1	0.3%
18.5%	52.5	52.8	0.4	0.7%
19.8%	52.4	52.8	0.4	0.7%
21.0%	52.2	52.7	0.5	0.9%
22.2%	52.2	52.7	0.5	0.9%
23.5%	52.1	52.6	0.5	0.9%
24.7%	52.1	52.4	0.3	0.6%
25.9%	52.1	52.4	0.3	0.6%
27.2%	51.8	52.4	0.5	1.0%
28.4%	51.7	52.4	0.6	1.3%
29.6%	51.7	52.3	0.6	1.2%
30.9%	51.5	52.2	0.7	1.3%
32.1%	51.4	52.1	0.7	1.3%
33.3%	51.3	52.1	0.8	1.6%
34.6%	51.2	51.9	0.6	1.2%
35.8%	51.2	51.6	0.4	0.7%
37.0%	51.0	51.5	0.4	0.8%
38.3%	51.0	51.3	0.4	0.7%
39.5%	50.9	51.3	0.4	0.8%
40.7%	50.9	51.2	0.3	0.6%
42.0%	50.8	51.1	0.3	0.6%
43.2%	50.7	51.1	0.4	0.8%
44.4%	50.7	51.0	0.3	0.6%
45.7%	50.5	51.0	0.5	0.9%
46.9%	50.5	51.0	0.5	0.9%
48.1%	50.5	50.9	0.4	0.8%
49.4%	50.4	50.7	0.3	0.5%
50.6%	50.4	50.6	0.2	0.5%
51.9%	50.2	50.6	0.4	0.7%
53.1%	50.1	50.5	0.4	0.8%
54.3%	50.1	50.3	0.2	0.4%
55.6%	50.0	50.3	0.3	0.6%
56.8%	50.0	50.3	0.3	0.6%
58.0%	49.9	50.3	0.4	0.8%
59.3%	49.8	50.2	0.4	0.8%
60.5%	49.8	50.0	0.3	0.5%
61.7%	49.8	50.0	0.3	0.5%
63.0%	49.7	50.0	0.3	0.6%
64.2%	49.7	50.0	0.3	0.6%
65.4%	49.7	49.9	0.3	0.6%
66.7%	49.5	49.8	0.3	0.5%
67.9%	49.5	49.8	0.3	0.5%
69.1%	49.5	49.8	0.2	0.5%
70.4%	49.5	49.7	0.3	0.6%
71.6%	49.5	49.7	0.3	0.6%
72.8%	49.4	49.7	0.2	0.5%
74.1%	49.3	49.6	0.3	0.5%
75.3%	49.3	49.5	0.2	0.3%
76.5%	49.2	49.5	0.3	0.5%
77.8%	49.2	49.4	0.2	0.4%
79.0%	49.2	49.4	0.2	0.4%
80.2%	49.1	49.4	0.2	0.5%
81.5%	49.1	49.3	0.2	0.3%
82.7%	49.0	49.1	0.0	0.1%
84.0%	48.9	49.0	0.1	0.3%
85.2%	48.8	49.0	0.2	0.4%
86.4%	48.7	48.8	0.1	0.2%
87.7%	48.7	48.8	0.1	0.3%
88.9%	48.4	48.8	0.4	0.8%
90.1%	48.3	48.1	-0.2	-0.4%
91.4%	47.9	48.1	0.2	0.4%
92.6%	47.8	47.9	0.1	0.3%
93.8%	47.7	47.8	0.1	0.2%
95.1%	47.7	47.8	0.1	0.2%
96.3%	47.7	47.8	0.1	0.2%
97.5%	47.6	47.7	0.1	0.3%
98.8%	47.4	47.5	0.1	0.3%
100.0%	47.4	47.5	0.1	0.3%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	51.1	51.8	0.7	1.3%
1.2%	51.1	51.1	0.1	0.1%
2.5%	51.0	51.1	0.1	0.1%
3.7%	50.7	51.1	0.4	0.7%
4.9%	50.6	50.9	0.2	0.5%
6.2%	50.5	50.8	0.2	0.5%
7.4%	50.2	50.6	0.4	0.8%
8.6%	50.1	50.3	0.2	0.5%
9.9%	50.1	50.2	0.1	0.2%
11.1%	49.8	50.1	0.3	0.5%
12.3%	49.7	50.0	0.3	0.6%
13.6%	49.4	49.9	0.5	0.9%
14.8%	49.2	49.8	0.6	1.2%
16.0%	49.2	49.6	0.4	0.7%
17.3%	49.1	49.4	0.3	0.6%
18.5%	49.1	49.4	0.3	0.6%
19.8%	49.1	49.4	0.3	0.5%
21.0%	49.0	49.3	0.3	0.6%
22.2%	48.9	49.2	0.3	0.7%
23.5%	48.8	49.2	0.4	0.8%
24.7%	48.8	49.2	0.4	0.7%
25.9%	48.7	49.0	0.3	0.6%
27.2%	48.7	48.9	0.2	0.5%
28.4%	48.7	48.9	0.2	0.5%
29.6%	48.6	48.9	0.3	0.6%
30.9%	48.6	48.8	0.2	0.4%
32.1%	48.6	48.7	0.1	0.3%
33.3%	48.6	48.7	0.1	0.2%
34.6%	48.5	48.6	0.2	0.4%
35.8%	48.4	48.6	0.1	0.3%
37.0%	48.4	48.5	0.2	0.4%
38.3%	48.3	48.5	0.2	0.4%
39.5%	48.3	48.5	0.2	0.4%
40.7%	48.2	48.4	0.2	0.4%
42.0%	48.2	48.4	0.3	0.5%
43.2%	48.2	48.3	0.1	0.3%
44.4%	48.0	48.3	0.3	0.7%
45.7%	47.9	48.2	0.4	0.8%
46.9%	47.7	48.1	0.5	0.9%
48.1%	47.7	48.1	0.4	0.8%
49.4%	47.7	47.9	0.3	0.6%
50.6%	47.7	47.9	0.3	0.6%
51.9%	47.6	47.9	0.3	0.6%
53.1%	47.6	47.9	0.3	0.5%
54.3%	47.6	47.8	0.2	0.5%
55.6%	47.5	47.8	0.3	0.6%
56.8%	47.5	47.8	0.3	0.7%
58.0%	47.5	47.8	0.3	0.6%
59.3%	47.4	47.7	0.2	0.5%
60.5%	47.4	47.6	0.2	0.4%
61.7%	47.4	47.6	0.2	0.3%
63.0%	47.4	47.4	0.0	0.0%
64.2%	47.3	47.4	0.1	0.2%
65.4%	47.3	47.4	0.1	0.2%
66.7%	47.3	47.4	0.2	0.3%
67.9%	47.2	47.4	0.2	0.3%
69.1%	47.2	47.4	0.1	0.3%
70.4%	47.2	47.4	0.2	0.4%
71.6%	47.2	47.3	0.2	0.4%
72.8%	47.1	47.3	0.2	0.4%
74.1%	47.1	47.2	0.1	0.2%
75.3%	47.0	47.2	0.1	0.3%
76.5%	47.0	47.1	0.1	0.2%
77.8%	47.0	47.1	0.1	0.1%
79.0%	47.0	47.0	0.1	0.1%
80.2%	47.0	47.0	0.1	0.1%
81.5%	46.9	47.0	0.1	0.2%
82.7%	46.8	46.9	0.1	0.3%
84.0%	46.7	46.9	0.1	0.3%
85.2%	46.6	46.8	0.2	0.4%
86.4%	46.6	46.8	0.3	0.6%
87.7%	46.5	46.7	0.2	0.4%
88.9%	46.4	46.6	0.2	0.5%
90.1%	46.4	46.5	0.1	0.3%
91.4%	46.4	46.4	0.0	0.0%
92.6%	46.2	46.2	0.0	-0.1%
93.8%	46.2	46.1	-0.1	-0.2%
95.1%	46.2	46.1	-0.1	-0.2%
96.3%	46.1	46.0	-0.2	-0.4%
97.5%	45.7	45.9	0.2	0.5%
98.8%	45.6	45.6	0.0	0.0%
100.0%	45.6	45.6	0.0	0.0%

Table SQ5-1b

Sacramento River at Jellys Ferry, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	51.8	52.1	0.3	0.6%
1.2%	51.7	51.7	0.0	0.0%
2.5%	51.5	51.7	0.2	0.4%
3.7%	51.2	51.0	-0.2	-0.4%
4.9%	50.6	50.8	0.3	0.5%
6.2%	50.5	50.5	0.0	0.0%
7.4%	50.4	50.3	0.0	0.0%
8.6%	50.4	50.3	0.0	0.0%
9.9%	50.2	50.3	0.1	0.2%
11.1%	50.1	50.2	0.2	0.3%
12.3%	50.0	50.1	0.1	0.2%
13.6%	50.0	50.0	0.1	0.2%
14.8%	49.9	49.9	0.0	0.0%
16.0%	49.8	49.9	0.1	0.1%
17.3%	49.8	49.9	0.1	0.2%
18.5%	49.8	49.9	0.1	0.2%
19.8%	49.5	49.9	0.3	0.7%
21.0%	49.5	49.6	0.1	0.3%
22.2%	49.3	49.6	0.2	0.5%
23.5%	49.3	49.5	0.2	0.5%
24.7%	49.3	49.4	0.2	0.3%
25.9%	49.3	49.4	0.2	0.4%
27.2%	49.2	49.3	0.1	0.2%
28.4%	49.2	49.3	0.1	0.1%
29.6%	49.2	49.3	0.1	0.1%
30.9%	49.1	49.2	0.2	0.3%
32.1%	49.0	49.1	0.1	0.2%
33.3%	49.0	49.0	0.1	0.1%
34.6%	49.0	49.0	0.0	0.0%
35.8%	49.0	48.9	-0.1	-0.2%
37.0%	48.8	48.9	0.1	0.1%
38.3%	48.8	48.8	0.0	0.0%
39.5%	48.7	48.7	0.0	0.0%
40.7%	48.7	48.7	0.0	0.0%
42.0%	48.6	48.7	0.1	0.2%
43.2%	48.6	48.6	0.1	0.1%
44.4%	48.5	48.5	0.0	-0.1%
45.7%	48.5	48.5	0.0	0.0%
46.9%	48.4	48.4	0.1	0.1%
48.1%	48.3	48.4	0.1	0.2%
49.4%	48.3	48.3	0.0	0.1%
50.6%	48.3	48.3	0.0	0.1%
51.9%	48.3	48.3	0.0	0.1%
53.1%	48.1	48.3	0.2	0.3%
54.3%	48.1	48.2	0.1	0.2%
55.6%	48.0	48.1	0.1	0.3%
56.8%	48.0	48.0	0.0	0.1%
58.0%	48.0	48.0	0.0	0.0%
59.3%	47.9	48.0	0.1	0.1%
60.5%	47.9	47.9	0.0	0.0%
61.7%	47.9	47.9	0.0	0.1%
63.0%	47.7	47.9	0.2	0.3%
64.2%	47.7	47.8	0.1	0.2%
65.4%	47.7	47.7	0.0	0.1%
66.7%	47.6	47.7	0.1	0.3%
67.9%	47.6	47.6	0.1	0.2%
69.1%	47.5	47.5	0.0	0.1%
70.4%	47.4	47.5	0.1	0.2%
71.6%	47.3	47.4	0.1	0.1%
72.8%	47.3	47.4	0.0	0.1%
74.1%	47.3	47.3	0.0	0.0%
75.3%	47.3	47.3	0.0	0.0%
76.5%	47.3	47.3	0.1	0.2%
77.8%	47.2	47.2	0.0	0.0%
79.0%	47.2	47.2	0.1	0.1%
80.2%	47.1	47.1	0.0	0.0%
81.5%	47.0	47.0	-0.1	-0.1%
82.7%	47.0	47.0	0.0	-0.1%
84.0%	47.0	46.9	-0.1	-0.2%
85.2%	46.9	46.9	0.0	0.0%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.7	46.7	0.0	0.0%
88.9%	46.6	46.7	0.1	0.2%
90.1%	46.6	46.6	0.0	0.0%
91.4%	46.6	46.6	0.0	0.0%
92.6%	46.5	46.4	-0.1	-0.3%
93.8%	46.4	46.3	-0.1	-0.1%
95.1%	46.3	46.2	-0.1	-0.3%
96.3%	46.1	46.0	-0.1	-0.2%
97.5%	46.0	46.0	0.0	0.1%
98.8%	45.0	44.9	-0.1	-0.1%
100.0%	45.0	44.9	-0.1	-0.1%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.3	53.8	-0.5	-0.9%
1.2%	53.7	53.7	-0.1	-0.1%
2.5%	53.3	53.5	0.2	0.4%
3.7%	53.1	53.3	0.2	0.3%
4.9%	53.1	53.2	0.2	0.3%
6.2%	53.0	53.1	0.1	0.3%
7.4%	52.9	53.1	0.1	0.3%
8.6%	52.9	53.0	0.2	0.3%
9.9%	52.8	53.0	0.1	0.3%
11.1%	52.8	52.9	0.1	0.1%
12.3%	52.8	52.9	0.1	0.1%
13.6%	52.8	52.6	-0.2	-0.3%
14.8%	52.5	52.6	0.1	0.1%
16.0%	52.5	52.6	0.1	0.2%
17.3%	52.5	52.5	0.1	0.1%
18.5%	52.5	52.5	0.0	0.0%
19.8%	52.4	52.4	0.1	0.1%
21.0%	52.3	52.4	0.1	0.1%
22.2%	52.2	52.2	0.1	0.2%
23.5%	52.1	52.1	0.0	0.1%
24.7%	52.1	52.1	0.0	0.0%
25.9%	52.0	52.0	0.0	0.0%
27.2%	52.0	52.0	0.0	0.0%
28.4%	51.9	52.0	0.1	0.1%
29.6%	51.9	52.0	0.1	0.2%
30.9%	51.7	52.0	0.3	0.5%
32.1%	51.6	51.9	0.3	0.6%
33.3%	51.5	51.7	0.1	0.2%
34.6%	51.5	51.6	0.1	0.2%
35.8%	51.5	51.4	0.0	0.0%
37.0%	51.5	51.3	-0.2	-0.3%
38.3%	51.4	51.2	-0.2	-0.4%
39.5%	51.3	51.2	-0.1	-0.2%
40.7%	51.2	51.1	-0.1	-0.1%
42.0%	51.1	51.0	0.0	-0.1%
43.2%	51.1	51.0	0.0	-0.1%
44.4%	51.0	51.0	0.0	0.0%
45.7%	50.8	51.0	0.2	0.3%
46.9%	50.8	51.0	0.1	0.2%
48.1%	50.8	50.7	-0.1	-0.1%
49.4%	50.7	50.7	0.0	-0.1%
50.6%	50.7	50.7	0.0	0.0%
51.9%	50.6	50.6	0.0	0.0%
53.1%	50.5	50.6	0.1	0.2%
54.3%	50.5	50.5	0.0	0.0%
55.6%	50.3	50.4	0.1	0.2%
56.8%	50.3	50.3	0.0	0.1%
58.0%	50.2	50.3	0.1	0.2%
59.3%	50.2	50.3	0.1	0.1%
60.5%	50.2	50.2	0.0	0.0%
61.7%	50.1	50.1	0.0	0.0%
63.0%	50.1	50.1	0.0	-0.1%
64.2%	50.0	50.1	0.1	0.1%
65.4%	49.9	50.0	0.2	0.3%
66.7%	49.8	49.8	0.0	0.0%
67.9%	49.6	49.8	0.2	0.4%
69.1%	49.6	49.6	0.0	0.1%
70.4%	49.6	49.6	0.0	0.1%
71.6%	49.5	49.6	0.0	0.1%
72.8%	49.5	49.5	0.0	0.1%
74.1%	49.4	49.5	0.1	0.2%
75.3%	49.4	49.5	0.1	0.2%
76.5%	49.3	49.3	0.0	0.0%
77.8%	48.8	48.8	-0.1	-0.2%
79.0%	48.7	48.7	0.0	0.0%
80.2%	48.7	48.6	0.0	-0.1%
81.5%	48.6	48.6	0.0	0.0%
82.7%	48.6	48.6	0.0	0.0%
84.0%	48.6	48.6	0.0	0.0%
85.2%	48.4	48.5	0.0	0.0%
86.4%	48.4	48.4	0.0	0.0%
87.7%	48.4	48.4	0.0	-0.1%
88.9%	48.2	48.2	0.0	-0.1%
90.1%	48.1	48.2	0.0	0.1%
91.4%	48.1	48.1	0.0	-0.1%
92.6%	47.9	48.1	0.1	0.3%
93.8%	47.8	48.0	0.2	0.4%
95.1%	47.8	47.9	0.0	0.1%
96.3%	47.7	47.8	0.0	0.0%
97.5%	47.4	47.3	0.0	0.0%
98.8%	47.2	47.2	0.0	0.0%
100.0%	47.2	47.2	0.0	0.0%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.7	56.5	-0.3	-0.4%
1.2%	56.6	56.3	-0.3	-0.5%
2.5%	56.2	55.9	-0.2	-0.4%
3.7%	55.9	55.8	0.0	-0.1%
4.9%	55.8	55.8	0.0	0.1%
6.2%	55.6	55.6	0.0	0.1%
7.4%	55.5	55.3	-0.2	-0.3%
8.6%	55.4	55.2	-0.1	-0.3%
9.9%	55.2	55.2	0.0	0.0%
11.1%	55.1	55.1	0.0	0.0%
12.3%	55.1	55.0	0.0	-0.1%
13.6%	55.1	54.8	-0.3	-0.5%
14.8%	54.9	54.6	-0.3	-0.5%
16.0%	54.8	54.6	-0.2	-0.4%
17.3%	54.6	54.5	-0.1	-0.1%
18.5%	54.5	54.5	0.0	0.0%
19.8%	54.5	54.5	0.0	0.0%
21.0%	54.4	54.5	0.0	0.1%
22.2%	54.4	54.4	0.0	0.1%
23.5%	54.3	54.4	0.1	0.2%
24.7%	54.3	54.4	0.1	0.2%
25.9%	54.3	54.4	0.1	0.2%
27.2%	54.3	54.4	0.1	0.2%
28.4%	54.3	54.3	0.1	0.1%
29.6%	54.3	54.3	0.1	0.1%
30.9%	54.2	54.3	0.1	0.1%
32.1%	54.2	54.3	0.1	0.2%
33.3%	54.1	54.2	0.1	0.2%
34.6%	53.9	54.1	0.2	0.4%
35.8%	53.9	54.1	0.2	0.4%
37.0%	53.8	54.1	0.3	0.6%
38.3%	53.7	54.1	0.3	0.6%
39.5%	53.7	54.0	0.3	0.5%
40.7%	53.7	53.9	0.2	0.4%
42.0%	53.6	53.9	0.2	0.4%
43.2%	53.6	53.8	0.2	0.3%
44.4%	53.5	53.7	0.3	0.5%
45.7%	53.3	53.7	0.3	0.6%
46.9%	53.3	53.6	0.3	0.6%
48.1%	53.3	53.6	0.3	0.5%
49.4%	53.3	53.6	0.3	0.5%
50.6%	53.3	53.6	0.3	0.5%
51.9%	53.3	53.5	0.2	0.3%
53.1%	53.3	53.4	0.1	0.3%
54.3%	53.3	53.4	0.2	0.3%
55.6%	53.2	53.4	0.1	0.2%
56.8%	53.2	53.3	0.1	0.2%
58.0%	53.2	53.2	0.0	0.1%
59.3%	53.2	53.2	0.1	0.1%
60.5%	53.1	53.2	0.1	0.1%
61.7%	53.1	53.1	0.0	0.0%
63.0%	53.0	53.1	0.0	0.0%
64.2%	53.0	53.0	0.0	0.1%
65.4%	52.9	53.0	0.0	0.1%
66.7%	52.8	52.9	0.2	0.3%
67.9%	52.7	52.9	0.2	0.3%
69.1%	52.7	52.8	0.2	0.4%
70.4%	52.6	52.8	0.2	0.3%
71.6%	52.6	52.8	0.1	0.3%
72.8%	52.6	52.8	0.1	0.3%
74.1%	52.6	52.7	0.1	0.3%
75.3%	52.5	52.7	0.2	0.3%
76.5%	52.5	52.7	0.2	0.4%
77.8%	52.4	52.7	0.3	0.6%
79.0%	52.4	52.6	0.3	0.5%
80.2%	52.4	52.5	0.2	0.3%
81.5%	52.2	52.5	0.3	0.6%
82.7%	52.2	52.5	0.3	0.5%
84.0%	52.2	52.3	0.1	0.2%
85.2%	52.2	52.2	0.0	0.0%
86.4%	52.2	52.2	0.0	0.0%
87.7%	51.8	51.9	0.1	0.2%
88.9%	51.7	51.9	0.1	0.3%
90.1%	51.7	51.5	-0.2	-0.4%
91.4%	51.4	51.4	0.0	0.0%
92.6%	51.3	51.4	0.1	0.2%
93.8%	51.0	51.1	0.1	0.2%
95.1%	50.8	50.9	0.1	0.2%
96.3%	50.7	50.8	0.2	0.3%
97.5%	50.1	50.1	0.0	-0.1%
98.8%	49.9	49.9	0.1	0.2%
100.0%	49.9	49.9	0.1	0.2%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	59.5	59.1	-0.4	-0.8%
1.2%	58.9	58.8	-0.1	-0.2%
2.5%	58.6	58.3	-0.3	-0.5%
3.7%	58.5	58.2	-0.3	-0.5%
4.9%	58.4	58.1	-0.3	-0.6%
6.2%	57.9	58.0	0.2	0.3%
7.4%	57.7	57.9	0.2	0.4%
8.6%	57.6	57.8	0.3	0.5%
9.9%	57.5	57.8	0.3	0.5%
11.1%	57.3	57.8	0.5	0.9%
12.3%	57.3	57.8	0.5	0.9%
13.6%	57.2	57.7	0.4	0.8%
14.8%	57.1	57.7	0.6	1.0%
16.0%	57.1	57.7	0.6	1.0%
17.3%	56.9	57.7	0.8	1.4%
18.5%	56.8	57.6	0.9	1.5%
19.8%	56.8	57.6	0.8	1.5%
21.0%	56.6	57.3	0.6	1.1%
22.2%	56.6	57.3	0.7	1.2%
23.5%	56.2	57.1	0.9	1.6%
24.7%	56.1	56.9	0.8	1.3%
25.9%	56.1	56.8	0.7	1.2%
27.2%	56.1	56.7	0.6	1.2%
28.4%	56.1	56.6	0.5	0.9%
29.6%	56.0	56.4	0.3	0.6%
30.9%	56.0	56.4	0.4	0.6%
32.1%	56.0	56.4	0.4	0.7%
33.3%	55.9	56.3	0.5	0.8%
34.6%	55.9	56.3	0.5	0.8%
35.8%	55.8	56.3	0.5	0.9%
37.0%	55.7	56.3	0.5	1.0%
38.3%	55.7	56.1	0.4	0.8%
39.5%	55.5	56.1	0.6	1.1%
40.7%	55.5	56.1	0.6	1.1%
42.0%	55.5	56.0	0.6	1.0%
43.2%	55.4	55.9	0.5	0.9%
44.4%	55.2	55.9	0.7	1.2%
45.7%	55.0	55.9	0.9	1.6%
46.9%	55.0	55.8	0.8	1.4%
48.1%	55.0	55.7	0.7	1.3%
49.4%	54.9	55.7	0.8	1.4%
50.6%	54.9	55.6	0.7	1.3%
51.9%	54.9	55.6	0.7	1.3%
53.1%	54.9	55.6	0.7	1.3%
54.3%	54.9	55.6	0.7	1.3%
55.6%	54.9	55.6	0.7	1.3%
56.8%	54.8	55.5	0.7	1.2%
58.0%	54.8	55.4	0.6	1.1%
59.3%	54.8	55.4	0.6	1.1%
60.5%	54.8	55.4	0.6	1.1%
61.7%	54.8	55.2	0.4	0.7%
63.0%	54.7	55.1	0.4	0.7%
64.2%	54.7	55.1	0.4	0.7%
65.4%	54.7	55.1	0.4	0.7%
66.7%	54.7	55.1	0.3	0.6%
67.9%	54.7	55.0	0.3	0.6%
69.1%	54.7	55.0	0.3	0.6%
70.4%	54.6	55.0	0.4	0.7%
71.6%	54.6	54.9	0.4	0.7%
72.8%	54.5	54.9	0.4	0.8%
74.1%	54.5	54.9	0.5	0.8%
75.3%	54.4	54.9	0.5	0.9%
76.5%	54.4	54.8	0.5	0.8%
77.8%	54.4	54.8	0.5	0.9%
79.0%	54.4	54.8	0.4	0.8%
80.2%	54.3	54.8	0.5	0.8%
81.5%	54.3	54.7	0.3	0.6%
82.7%	54.3	54.6	0.4	0.7%
84.0%	54.2	54.6	0.4	0.8%
85.2%	54.1	54.6	0.5	0.8%
86.4%	54.1	54.5	0.4	0.7%
87.7%	54.0	54.5	0.4	0.8%
88.9%	54.0	54.4	0.4	0.7%
90.1%	53.9	54.3	0.3	0.6%
91.4%	53.7	54.0	0.2	0.4%
92.6%	53.5	53.9	0.4	0.7%
93.8%	53.5	53.8	0.4	0.7%
95.1%	53.4	53.8	0.4	0.7%
96.3%	53.4	53.7	0.3	0.6%
97.5%	53.3	53.6	0.3	0.6%
98.8%	53.2	53.4	0.2	0.3%
100.0%	53.2	53.4	0.2	0.3%

Table SQ5-1b

Sacramento River at Jellys Ferry, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	59.6	59.2	-0.4	-0.7%
1.2%	59.5	58.8	-0.7	-1.2%
2.5%	58.9	58.6	-0.3	-0.6%
3.7%	58.6	58.1	-0.4	-0.7%
4.9%	58.5	57.8	-0.7	-1.2%
6.2%	58.3	57.7	-0.6	-1.1%
7.4%	58.1	57.6	-0.5	-0.8%
8.6%	58.1	57.4	-0.7	-1.2%
9.9%	58.0	57.4	-0.5	-0.9%
11.1%	57.9	57.4	-0.5	-0.8%
12.3%	57.8	57.4	-0.4	-0.7%
13.6%	57.6	57.4	-0.3	-0.5%
14.8%	57.5	57.3	-0.2	-0.4%
16.0%	57.3	57.3	-0.1	-0.1%
17.3%	57.3	57.3	-0.1	-0.1%
18.5%	57.3	57.2	-0.1	-0.1%
19.8%	57.1	57.1	0.0	0.0%
21.0%	57.0	57.1	0.1	0.2%
22.2%	57.0	57.1	0.1	0.3%
23.5%	56.7	56.9	0.2	0.4%
24.7%	56.5	56.8	0.3	0.6%
25.9%	56.5	56.8	0.3	0.6%
27.2%	56.4	56.8	0.4	0.7%
28.4%	56.4	56.8	0.3	0.6%
29.6%	56.3	56.7	0.4	0.6%
30.9%	56.3	56.7	0.4	0.7%
32.1%	56.2	56.6	0.4	0.8%
33.3%	56.2	56.6	0.4	0.7%
34.6%	56.2	56.6	0.5	0.8%
35.8%	56.0	56.6	0.6	1.0%
37.0%	56.0	56.5	0.5	0.9%
38.3%	56.0	56.4	0.4	0.8%
39.5%	55.9	56.4	0.5	0.9%
40.7%	55.9	56.3	0.4	0.8%
42.0%	55.7	56.3	0.5	1.0%
43.2%	55.7	56.2	0.5	0.9%
44.4%	55.7	56.1	0.4	0.8%
45.7%	55.7	56.1	0.5	0.8%
46.9%	55.6	56.0	0.4	0.7%
48.1%	55.6	56.0	0.3	0.6%
49.4%	55.3	55.9	0.6	1.2%
50.6%	55.2	55.9	0.6	1.1%
51.9%	55.1	55.8	0.7	1.3%
53.1%	55.1	55.8	0.7	1.3%
54.3%	55.1	55.8	0.7	1.3%
55.6%	55.1	55.8	0.7	1.3%
56.8%	55.0	55.7	0.7	1.2%
58.0%	55.0	55.7	0.7	1.3%
59.3%	55.0	55.6	0.6	1.1%
60.5%	55.0	55.6	0.6	1.1%
61.7%	55.0	55.6	0.6	1.1%
63.0%	54.9	55.6	0.6	1.2%
64.2%	54.8	55.5	0.7	1.3%
65.4%	54.8	55.5	0.7	1.3%
66.7%	54.8	55.4	0.6	1.2%
67.9%	54.7	55.4	0.7	1.3%
69.1%	54.7	55.4	0.7	1.2%
70.4%	54.6	55.3	0.7	1.2%
71.6%	54.6	55.3	0.6	1.2%
72.8%	54.6	55.3	0.6	1.2%
74.1%	54.6	55.2	0.7	1.2%
75.3%	54.5	55.2	0.7	1.3%
76.5%	54.5	55.2	0.7	1.3%
77.8%	54.4	55.1	0.7	1.2%
79.0%	54.2	55.0	0.9	1.6%
80.2%	54.2	55.0	0.9	1.6%
81.5%	54.1	54.8	0.8	1.4%
82.7%	54.0	54.7	0.8	1.4%
84.0%	54.0	54.7	0.7	1.3%
85.2%	53.9	54.7	0.7	1.4%
86.4%	53.7	54.7	0.9	1.8%
87.7%	53.7	54.6	0.9	1.7%
88.9%	53.7	54.3	0.7	1.2%
90.1%	53.7	54.3	0.7	1.2%
91.4%	53.5	54.2	0.7	1.3%
92.6%	53.5	54.1	0.6	1.2%
93.8%	53.5	54.1	0.6	1.1%
95.1%	53.4	53.8	0.4	0.8%
96.3%	53.2	53.8	0.6	1.0%
97.5%	53.1	53.6	0.5	0.9%
98.8%	52.9	53.5	0.6	1.0%
100.0%	52.9	53.5	0.6	1.0%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.9	68.1	0.2	0.3%
1.2%	62.2	59.7	-2.5	-4.0%
2.5%	62.0	58.8	-3.2	-5.2%
3.7%	60.2	58.5	-1.7	-2.8%
4.9%	59.7	58.5	-1.2	-2.1%
6.2%	59.2	58.3	-0.9	-1.6%
7.4%	59.1	58.3	-0.8	-1.4%
8.6%	59.0	58.3	-0.7	-1.3%
9.9%	58.8	58.3	-0.6	-1.0%
11.1%	58.8	58.1	-0.8	-1.3%
12.3%	58.6	57.9	-0.7	-1.2%
13.6%	58.6	57.8	-0.8	-1.3%
14.8%	58.5	57.7	-0.8	-1.4%
16.0%	58.5	57.7	-0.8	-1.4%
17.3%	58.3	57.6	-0.7	-1.2%
18.5%	58.2	57.5	-0.7	-1.2%
19.8%	58.2	57.5	-0.7	-1.2%
21.0%	58.2	57.5	-0.7	-1.2%
22.2%	58.2	57.5	-0.7	-1.2%
23.5%	58.0	57.4	-0.6	-1.1%
24.7%	57.9	57.4	-0.5	-0.9%
25.9%	57.9	57.4	-0.5	-0.9%
27.2%	57.8	57.4	-0.4	-0.7%
28.4%	57.7	57.3	-0.4	-0.6%
29.6%	57.6	57.2	-0.4	-0.8%
30.9%	57.6	57.2	-0.4	-0.7%
32.1%	57.6	57.2	-0.4	-0.7%
33.3%	57.4	57.1	-0.2	-0.4%
34.6%	57.3	57.1	-0.1	-0.2%
35.8%	57.0	57.0	0.0	-0.1%
37.0%	57.0	56.9	-0.1	-0.1%
38.3%	56.9	56.9	0.0	0.0%
39.5%	56.6	56.8	0.2	0.3%
40.7%	56.5	56.6	0.1	0.2%
42.0%	56.4	56.6	0.2	0.3%
43.2%	56.4	56.6	0.2	0.4%
44.4%	56.4	56.6	0.2	0.3%
45.7%	56.3	56.5	0.2	0.3%
46.9%	56.3	56.5	0.2	0.3%
48.1%	56.3	56.5	0.2	0.3%
49.4%	56.2	56.5	0.2	0.4%
50.6%	56.2	56.4	0.2	0.4%
51.9%	56.1	56.4	0.3	0.5%
53.1%	56.1	56.4	0.3	0.5%
54.3%	56.1	56.4	0.2	0.4%
55.6%	56.1	56.3	0.2	0.4%
56.8%	56.0	56.3	0.2	0.4%
58.0%	56.0	56.3	0.2	0.4%
59.3%	56.0	56.2	0.2	0.3%
60.5%	56.0	56.1	0.1	0.1%
61.7%	55.9	56.0	0.1	0.1%
63.0%	55.8	56.0	0.2	0.3%
64.2%	55.8	56.0	0.2	0.3%
65.4%	55.8	55.9	0.2	0.3%
66.7%	55.8	55.9	0.1	0.2%
67.9%	55.5	55.9	0.4	0.7%
69.1%	55.5	55.9	0.4	0.8%
70.4%	55.4	55.9	0.5	1.0%
71.6%	55.4	55.7	0.3	0.6%
72.8%	55.3	55.6	0.3	0.5%
74.1%	55.3	55.5	0.2	0.3%
75.3%	55.3	55.5	0.2	0.4%
76.5%	55.2	55.5	0.3	0.5%
77.8%	55.1	55.4	0.3	0.5%
79.0%	55.0	55.3	0.2	0.4%
80.2%	55.0	55.1	0.1	0.1%
81.5%	55.0	55.1	0.1	0.1%
82.7%	55.0	54.9	0.0	-0.1%
84.0%	54.9	54.9	0.0	0.0%
85.2%	54.8	54.9	0.1	0.1%
86.4%	54.7	54.8	0.1	0.2%
87.7%	54.7	54.8	0.1	0.3%
88.9%	54.7	54.8	0.1	0.2%
90.1%	54.6	54.7	0.1	0.2%
91.4%	54.6	54.7	0.1	0.2%
92.6%	54.4	54.7	0.3	0.5%
93.8%	54.3	54.4	0.1	0.2%
95.1%	54.3	54.4	0.1	0.2%
96.3%	54.1	54.3	0.2	0.4%
97.5%	53.9	54.3	0.4	0.8%
98.8%	53.8	54.3	0.4	0.8%
100.0%	53.8	54.3	0.4	0.8%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	72.9	73.0	0.2	0.2%
1.2%	67.6	66.2	-1.4	-2.1%
2.5%	67.1	64.4	-2.7	-4.1%
3.7%	66.2	64.2	-2.1	-3.1%
4.9%	62.4	60.7	-1.7	-2.7%
6.2%	62.3	59.3	-2.9	-4.7%
7.4%	60.4	59.2	-1.1	-1.9%
8.6%	60.3	59.1	-1.3	-2.1%
9.9%	59.6	58.8	-0.8	-1.3%
11.1%	59.6	58.8	-0.8	-1.3%
12.3%	59.5	58.6	-0.9	-1.6%
13.6%	59.5	58.5	-1.0	-1.6%
14.8%	59.3	58.5	-0.8	-1.4%
16.0%	59.2	58.5	-0.7	-1.1%
17.3%	59.1	58.5	-0.6	-1.1%
18.5%	59.0	58.5	-0.5	-0.9%
19.8%	59.0	58.4	-0.5	-0.9%
21.0%	58.9	58.2	-0.7	-1.2%
22.2%	58.9	58.2	-0.7	-1.2%
23.5%	58.8	58.2	-0.6	-1.0%
24.7%	58.7	58.1	-0.6	-1.1%
25.9%	58.7	58.1	-0.6	-1.0%
27.2%	58.7	58.1	-0.6	-1.0%
28.4%	58.6	58.1	-0.6	-1.0%
29.6%	58.6	58.0	-0.6	-1.0%
30.9%	58.5	58.0	-0.5	-0.9%
32.1%	58.5	58.0	-0.6	-1.0%
33.3%	58.5	58.0	-0.5	-0.9%
34.6%	58.5	57.9	-0.6	-1.0%
35.8%	58.4	57.9	-0.5	-0.8%
37.0%	58.4	57.9	-0.5	-0.8%
38.3%	58.3	57.9	-0.4	-0.7%
39.5%	58.3	57.8	-0.4	-0.7%
40.7%	58.2	57.8	-0.4	-0.7%
42.0%	58.2	57.8	-0.4	-0.7%
43.2%	58.2	57.8	-0.4	-0.7%
44.4%	58.2	57.7	-0.4	-0.7%
45.7%	58.2	57.7	-0.4	-0.7%
46.9%	58.1	57.7	-0.4	-0.6%
48.1%	58.1	57.7	-0.4	-0.7%
49.4%	58.0	57.6	-0.5	-0.8%
50.6%	58.0	57.6	-0.5	-0.8%
51.9%	58.0	57.6	-0.4	-0.8%
53.1%	58.0	57.5	-0.4	-0.7%
54.3%	57.9	57.5	-0.4	-0.7%
55.6%	57.9	57.5	-0.4	-0.7%
56.8%	57.8	57.5	-0.3	-0.5%
58.0%	57.8	57.5	-0.3	-0.5%
59.3%	57.7	57.5	-0.3	-0.5%
60.5%	57.7	57.4	-0.3	-0.6%
61.7%	57.6	57.3	-0.3	-0.5%
63.0%	57.6	57.3	-0.3	-0.5%
64.2%	57.5	57.2	-0.3	-0.4%
65.4%	57.5	57.2	-0.3	-0.5%
66.7%	57.4	57.2	-0.3	-0.5%
67.9%	57.4	57.1	-0.3	-0.6%
69.1%	57.3	57.1	-0.2	-0.3%
70.4%	57.2	56.9	-0.3	-0.5%
71.6%	57.2	56.9	-0.3	-0.5%
72.8%	57.2	56.9	-0.3	-0.5%
74.1%	57.1	56.9	-0.3	-0.5%
75.3%	57.1	56.9	-0.3	-0.5%
76.5%	57.1	56.8	-0.3	-0.5%
77.8%	57.0	56.8	-0.2	-0.4%
79.0%	56.9	56.7	-0.2	-0.4%
80.2%	56.9	56.7	-0.2	-0.3%
81.5%	56.8	56.7	-0.2	-0.3%
82.7%	56.8	56.7	-0.1	-0.2%
84.0%	56.8	56.6	-0.2	-0.4%
85.2%	56.7	56.6	-0.1	-0.2%
86.4%	56.7	56.5	-0.2	-0.3%
87.7%	56.7	56.4	-0.3	-0.5%
88.9%	56.6	56.4	-0.2	-0.4%
90.1%	56.6	56.2	-0.4	-0.7%
91.4%	56.5	56.1	-0.5	-0.8%
92.6%	56.5	55.7	-0.8	-1.4%
93.8%	56.3	55.6	-0.7	-1.3%
95.1%	56.0	55.5	-0.5	-1.0%
96.3%	55.7	55.2	-0.5	-0.8%
97.5%	55.5	55.0	-0.5	-0.9%
98.8%	54.9	54.7	-0.3	-0.5%
100.0%	54.9	54.7	-0.3	-0.5%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	72.0	70.4	-1.7	-2.3%
1.2%	71.1	69.6	-1.5	-2.1%
2.5%	69.7	67.7	-2.0	-2.8%
3.7%	68.9	67.7	-1.2	-1.8%
4.9%	67.8	64.4	-3.4	-5.0%
6.2%	67.1	63.8	-3.3	-5.0%
7.4%	66.3	63.4	-2.8	-4.3%
8.6%	65.3	62.3	-3.0	-4.6%
9.9%	64.9	61.7	-3.2	-4.9%
11.1%	63.8	61.6	-2.2	-3.4%
12.3%	62.7	61.5	-1.2	-1.9%
13.6%	62.7	60.7	-1.9	-3.1%
14.8%	62.6	60.5	-2.1	-3.4%
16.0%	62.1	60.2	-1.8	-3.0%
17.3%	62.0	60.0	-2.0	-3.2%
18.5%	62.0	59.9	-2.1	-3.3%
19.8%	61.7	59.8	-1.9	-3.1%
21.0%	61.6	59.5	-2.1	-3.3%
22.2%	61.4	59.1	-2.2	-3.7%
23.5%	61.2	59.0	-2.3	-3.7%
24.7%	60.5	58.6	-1.9	-3.1%
25.9%	60.4	58.5	-1.9	-3.1%
27.2%	60.2	58.5	-1.7	-2.9%
28.4%	60.2	58.5	-1.7	-2.9%
29.6%	60.2	58.4	-1.8	-3.0%
30.9%	60.0	58.4	-1.7	-2.8%
32.1%	59.7	58.3	-1.5	-2.5%
33.3%	59.6	58.3	-1.4	-2.3%
34.6%	59.5	58.2	-1.3	-2.2%
35.8%	59.4	58.2	-1.1	-1.9%
37.0%	59.1	58.0	-1.0	-1.8%
38.3%	59.0	57.9	-1.0	-1.8%
39.5%	59.0	57.7	-1.2	-2.1%
40.7%	58.9	57.7	-1.2	-2.0%
42.0%	58.8	57.7	-1.1	-2.0%
43.2%	58.8	57.6	-1.2	-2.0%
44.4%	58.7	57.6	-1.1	-1.9%
45.7%	58.7	57.5	-1.2	-2.0%
46.9%	58.5	57.5	-1.1	-1.8%
48.1%	58.5	57.4	-1.0	-1.8%
49.4%	58.3	57.4	-0.9	-1.6%
50.6%	58.2	57.4	-0.8	-1.4%
51.9%	58.0	57.4	-0.7	-1.2%
53.1%	57.7	57.3	-0.4	-0.7%
54.3%	57.2	57.3	0.1	0.1%
55.6%	57.0	57.3	0.3	0.6%
56.8%	56.9	57.2	0.2	0.4%
58.0%	56.8	57.1	0.3	0.5%
59.3%	56.8	57.0	0.1	0.2%
60.5%	56.5	56.9	0.5	0.8%
61.7%	56.4	56.9	0.5	0.8%
63.0%	56.4	56.8	0.4	0.8%
64.2%	56.3	56.8	0.5	0.8%
65.4%	55.7	56.5	0.7	1.3%
66.7%	55.7	56.4	0.7	1.3%
67.9%	55.6	56.3	0.7	1.2%
69.1%	55.6	56.2	0.6	1.0%
70.4%	55.6	56.0	0.5	0.9%
71.6%	55.5	55.9	0.4	0.6%
72.8%	55.5	55.8	0.3	0.5%
74.1%	55.5	55.7	0.2	0.4%
75.3%	55.3	55.5	0.3	0.5%
76.5%	55.3	55.4	0.2	0.3%
77.8%	55.1	55.3	0.3	0.5%
79.0%	55.0	55.3	0.3	0.5%
80.2%	54.7	55.3	0.5	1.0%
81.5%	54.6	55.1	0.6	1.0%
82.7%	54.6	55.0	0.4	0.7%
84.0%	54.3	54.2	-0.1	-0.2%
85.2%	54.2	54.2	0.0	-0.1%
86.4%	54.1	54.0	-0.2	-0.3%
87.7%	54.0	53.7	-0.3	-0.6%
88.9%	54.0	53.7	-0.3	-0.6%
90.1%	54.0	53.7	-0.3	-0.6%
91.4%	54.0	53.6	-0.4	-0.7%
92.6%	53.8	53.6	-0.2	-0.4%
93.8%	53.8	53.5	-0.2	-0.4%
95.1%	53.7	53.5	-0.2	-0.5%
96.3%	53.6	53.5	-0.1	-0.2%
97.5%	53.3	53.5	0.2	0.3%
98.8%	53.3	53.0	-0.3	-0.5%
100.0%	53.3	53.0	-0.3	-0.5%

Table SQ5-1b

Sacramento River at Jellys Ferry, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.0	66.9	-0.1	-0.2%
1.2%	65.2	63.2	-2.0	-3.1%
2.5%	64.5	63.0	-1.5	-2.4%
3.7%	63.1	61.7	-1.4	-2.2%
4.9%	62.2	59.7	-2.6	-4.1%
6.2%	60.9	59.6	-1.3	-2.1%
7.4%	60.3	59.0	-1.3	-2.1%
8.6%	60.1	58.9	-1.2	-2.0%
9.9%	60.0	58.6	-1.4	-2.3%
11.1%	59.8	58.6	-1.2	-2.0%
12.3%	59.4	58.5	-0.9	-1.5%
13.6%	59.4	58.5	-0.9	-1.5%
14.8%	58.9	58.5	-0.4	-0.7%
16.0%	58.8	58.4	-0.4	-0.7%
17.3%	58.8	58.4	-0.4	-0.7%
18.5%	58.7	58.1	-0.6	-0.9%
19.8%	58.6	58.0	-0.6	-1.0%
21.0%	58.6	57.9	-0.6	-1.1%
22.2%	58.5	57.9	-0.6	-1.0%
23.5%	58.5	57.9	-0.6	-1.0%
24.7%	58.4	57.9	-0.5	-0.9%
25.9%	58.1	57.7	-0.4	-0.7%
27.2%	58.1	57.7	-0.4	-0.7%
28.4%	58.0	57.7	-0.3	-0.5%
29.6%	57.9	57.6	-0.3	-0.4%
30.9%	57.8	57.3	-0.5	-0.8%
32.1%	57.8	57.3	-0.5	-0.8%
33.3%	57.7	57.3	-0.5	-0.8%
34.6%	57.5	57.3	-0.2	-0.3%
35.8%	57.4	57.3	-0.1	-0.2%
37.0%	57.3	57.2	-0.1	-0.2%
38.3%	57.3	57.1	-0.2	-0.3%
39.5%	57.3	57.1	-0.2	-0.3%
40.7%	57.2	57.0	-0.1	-0.2%
42.0%	57.1	57.0	-0.1	-0.2%
43.2%	57.0	57.0	-0.1	-0.1%
44.4%	57.0	56.9	-0.1	-0.2%
45.7%	57.0	56.7	-0.3	-0.5%
46.9%	57.0	56.7	-0.3	-0.5%
48.1%	57.0	56.7	-0.3	-0.5%
49.4%	56.9	56.7	-0.2	-0.4%
50.6%	56.9	56.6	-0.2	-0.4%
51.9%	56.8	56.6	-0.2	-0.4%
53.1%	56.8	56.6	-0.2	-0.4%
54.3%	56.8	56.6	-0.2	-0.3%
55.6%	56.7	56.6	-0.1	-0.2%
56.8%	56.6	56.6	-0.1	-0.1%
58.0%	56.6	56.5	-0.1	-0.1%
59.3%	56.6	56.5	-0.1	-0.1%
60.5%	56.5	56.5	0.0	0.0%
61.7%	56.5	56.5	-0.1	-0.1%
63.0%	56.5	56.4	-0.1	-0.1%
64.2%	56.4	56.4	0.0	0.0%
65.4%	56.3	56.4	0.1	0.2%
66.7%	56.2	56.2	0.0	0.0%
67.9%	56.2	56.2	0.0	0.0%
69.1%	56.1	56.0	-0.1	-0.1%
70.4%	56.0	56.0	-0.1	-0.1%
71.6%	56.0	56.0	0.0	0.0%
72.8%	55.9	55.9	0.0	0.1%
74.1%	55.9	55.9	0.0	0.0%
75.3%	55.8	55.8	0.0	0.1%
76.5%	55.8	55.8	0.0	0.0%
77.8%	55.6	55.7	0.1	0.1%
79.0%	55.6	55.7	0.0	0.0%
80.2%	55.5	55.6	0.0	0.1%
81.5%	55.3	55.5	0.2	0.4%
82.7%	55.2	55.4	0.2	0.4%
84.0%	55.2	55.4	0.2	0.4%
85.2%	55.2	55.4	0.2	0.4%
86.4%	55.1	55.3	0.2	0.4%
87.7%	55.1	55.2	0.1	0.2%
88.9%	55.1	55.2	0.1	0.2%
90.1%	54.9	55.1	0.2	0.3%
91.4%	54.9	55.1	0.2	0.4%
92.6%	54.9	55.0	0.1	0.2%
93.8%	54.9	54.9	0.1	0.1%
95.1%	54.8	54.9	0.1	0.1%
96.3%	54.7	54.9	0.2	0.4%
97.5%	54.7	54.8	0.2	0.3%
98.8%	54.7	54.8	0.1	0.3%
100.0%	54.2	54.4	0.2	0.4%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	69.5	69.6	0.1	0.2%
1.2%	67.1	65.1	-2.0	-3.0%
2.5%	66.9	64.5	-2.3	-3.5%
3.7%	64.9	63.4	-1.5	-2.4%
4.9%	63.5	60.7	-2.7	-4.3%
6.2%	62.4	60.3	-2.1	-3.4%
7.4%	61.7	59.5	-2.2	-3.6%
8.6%	61.0	59.5	-1.5	-2.5%
9.9%	60.8	59.4	-1.4	-2.3%
11.1%	60.6	59.3	-1.3	-2.1%
12.3%	60.4	59.3	-1.1	-1.9%
13.6%	59.8	58.9	-0.9	-1.5%
14.8%	59.8	58.9	-1.0	-1.6%
16.0%	59.7	58.8	-0.9	-1.5%
17.3%	59.5	58.7	-0.9	-1.4%
18.5%	59.4	58.7	-0.7	-1.2%
19.8%	59.3	58.4	-0.9	-1.5%
21.0%	59.3	58.4	-0.9	-1.5%
22.2%	59.2	58.3	-0.9	-1.6%
23.5%	59.1	58.0	-1.1	-1.8%
24.7%	58.8	58.0	-0.8	-1.4%
25.9%	58.8	57.9	-0.9	-1.5%
27.2%	58.7	57.9	-0.8	-1.4%
28.4%	58.6	57.9	-0.8	-1.3%
29.6%	58.5	57.8	-0.7	-1.1%
30.9%	58.4	57.8	-0.6	-1.1%
32.1%	58.3	57.7	-0.6	-1.0%
33.3%	58.0	57.6	-0.4	-0.7%
34.6%	58.0	57.6	-0.4	-0.6%
35.8%	57.9	57.4	-0.5	-0.9%
37.0%	57.9	57.4	-0.4	-0.8%
38.3%	57.7	57.4	-0.3	-0.5%
39.5%	57.7	57.3	-0.4	-0.7%
40.7%	57.6	57.3	-0.4	-0.6%
42.0%	57.6	57.3	-0.4	-0.7%
43.2%	57.6	57.2	-0.4	-0.6%
44.4%	57.6	57.1	-0.4	-0.8%
45.7%	57.5	57.1	-0.5	-0.8%
46.9%	57.5	57.1	-0.4	-0.8%
48.1%	57.4	57.0	-0.3	-0.6%
49.4%	57.3	57.0	-0.4	-0.7%
50.6%	57.3	56.9	-0.4	-0.7%
51.9%	57.3	56.9	-0.4	-0.7%
53.1%	57.2	56.9	-0.4	-0.6%
54.3%	57.1	56.9	-0.3	-0.5%
55.6%	57.1	56.8	-0.3	-0.5%
56.8%	57.0	56.8	-0.2	-0.4%
58.0%	57.0	56.7	-0.3	-0.5%
59.3%	56.9	56.7	-0.2	-0.3%
60.5%	56.8	56.7	-0.1	-0.2%
61.7%	56.8	56.7	-0.1	-0.2%
63.0%	56.7	56.6	-0.1	-0.1%
64.2%	56.7	56.6	-0.1	-0.1%
65.4%	56.6	56.5	-0.1	-0.2%
66.7%	56.6	56.5	-0.1	-0.3%
67.9%	56.6	56.5	-0.1	-0.2%
69.1%	56.6	56.5	-0.1	-0.2%
70.4%	56.6	56.4	-0.1	-0.3%
71.6%	56.5	56.4	-0.2	-0.3%
72.8%	56.5	56.2	-0.3	-0.5%
74.1%	56.5	56.2	-0.3	-0.5%
75.3%	56.5	56.0	-0.4	-0.7%
76.5%	56.2	56.0	-0.2	-0.3%
77.8%	56.2	55.9	-0.2	-0.4%
79.0%	56.1	55.9	-0.2	-0.4%
80.2%	55.9	55.8	-0.2	-0.3%
81.5%	55.6	55.7	0.0	0.1%
82.7%	55.4	55.4	0.0	0.0%
84.0%	55.3	55.4	0.1	0.1%
85.2%	55.3	55.4	0.0	0.1%
86.4%	55.3	55.3	0.0	0.0%
87.7%	55.3	55.2	-0.1	-0.1%
88.9%	55.2	55.2	0.0	-0.1%
90.1%	55.2	55.2	0.0	0.0%
91.4%	55.1	55.1	0.0	0.0%
92.6%	55.1	55.1	0.0	-0.1%
93.8%	55.0	55.0	0.0	-0.1%
95.1%	55.0	55.0	0.0	-0.1%
96.3%	54.9	54.9	0.0	0.0%
97.5%	54.9	54.9	0.0	0.0%
98.8%	54.7	54.7	0.1	0.1%
100.0%	54.6	54.7	0.1	0.2%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	70.3	70.4	0.1	0.1%
1.2%	69.6	68.3	-1.3	-1.8%
2.5%	69.3	67.0	-2.3	-3.4%
3.7%	68.0	65.9	-2.0	-3.0%
4.9%	65.6	62.5	-3.1	-4.7%
6.2%	64.3	61.2	-3.1	-4.8%
7.4%	62.9	60.8	-2.1	-3.4%
8.6%	62.8	60.5	-2.4	-3.8%
9.9%	61.8	60.2	-1.6	-2.5%
11.1%	61.2	60.2	-1.0	-1.6%
12.3%	61.1	60.0	-1.1	-1.7%
13.6%	61.0	60.0	-1.0	-1.6%
14.8%	60.6	59.5	-1.1	-1.9%
16.0%	60.5	59.2	-1.2	-2.0%
17.3%	60.5	59.1	-1.3	-2.2%
18.5%	60.3	59.0	-1.3	-2.2%
19.8%	59.8	58.7	-1.1	-1.8%
21.0%	59.7	58.7	-1.0	-1.7%
22.2%	59.7	58.5	-1.1	-1.9%
23.5%	59.6	58.4	-1.2	-2.0%
24.7%	59.6	58.4	-1.2	-2.0%
25.9%	59.5	58.2	-1.2	-2.1%
27.2%	59.4	58.2	-1.1	-1.9%
28.4%	59.2	58.2	-1.1	-1.8%
29.6%	59.1	58.2	-1.0	-1.6%
30.9%	59.1	58.1	-1.0	-1.7%
32.1%	58.9	58.0	-0.9	-1.5%
33.3%	58.9	57.9	-0.9	-1.6%
34.6%	58.9	57.9	-0.9	-1.6%
35.8%	58.8	57.9	-1.0	-1.6%
37.0%	58.7	57.9	-0.8	-1.4%
38.3%	58.6	57.8	-0.7	-1.2%
39.5%	58.5	57.8	-0.7	-1.3%
40.7%	58.3	57.8	-0.6	-1.0%
42.0%	58.0	57.7	-0.4	-0.6%
43.2%	58.0	57.6	-0.4	-0.7%
44.4%	58.0	57.5	-0.5	-0.8%
45.7%	58.0	57.5	-0.5	-0.8%
46.9%	58.0	57.4	-0.6	-1.0%
48.1%	57.8	57.4	-0.5	-0.8%
49.4%	57.8	57.3	-0.5	-0.8%
50.6%	57.7	57.3	-0.4	-0.6%
51.9%	57.6	57.2	-0.4	-0.6%
53.1%	57.6	57.2	-0.4	-0.6%
54.3%	57.6	57.2	-0.3	-0.6%
55.6%	57.5	57.2	-0.4	-0.6%
56.8%	57.5	57.1	-0.4	-0.6%
58.0%	57.5	57.1	-0.4	-0.7%
59.3%	57.4	57.0	-0.4	-0.8%
60.5%	57.4	57.0	-0.4	-0.7%
61.7%	57.2	57.0	-0.3	-0.5%
63.0%	57.1	57.0	-0.2	-0.3%
64.2%	57.1	56.9	-0.2	-0.3%
65.4%	57.1	56.9	-0.2	-0.3%
66.7%	57.0	56.8	-0.3	-0.4%
67.9%	57.0	56.8	-0.2	-0.4%
69.1%	56.9	56.7	-0.3	-0.5%
70.4%	56.8	56.6	-0.2	-0.3%
71.6%	56.8	56.5	-0.3	-0.5%
72.8%	56.7	56.5	-0.3	-0.5%
74.1%	56.7	56.4	-0.3	-0.5%
75.3%	56.6	56.3	-0.3	-0.5%
76.5%	56.5	56.2	-0.3	-0.6%
77.8%	56.1	56.0	-0.1	-0.2%
79.0%	56.1	55.8	-0.3	-0.6%
80.2%	56.1	55.7	-0.4	-0.6%
81.5%	55.9	55.7	-0.2	-0.4%
82.7%	55.8	55.7	-0.2	-0.3%
84.0%	55.7	55.6	-0.1	-0.2%
85.2%	55.7	55.6	-0.1	-0.2%
86.4%	55.6	55.4	-0.2	-0.4%
87.7%	55.5	55.3	-0.2	-0.3%
88.9%	55.4	55.2	-0.2	-0.4%
90.1%	55.4	55.2	-0.2	-0.4%
91.4%	55.3	55.2	-0.1	-0.1%
92.6%	55.2	55.2	0.0	0.0%
93.8%	55.1	55.2	0.0	0.0%
95.1%	55.1	55.1	0.1	0.1%
96.3%	55.0	54.9	-0.1	-0.2%
97.5%	55.0	54.9	-0.1	-0.3%
98.8%	55.0	54.7	-0.3	-0.6%
100.0%	54.8	54.1	-0.7	-1.3%

Figure SQ6-1b
Sacramento River at Bend Bridge, Monthly Temperature
Probability of Exceedance

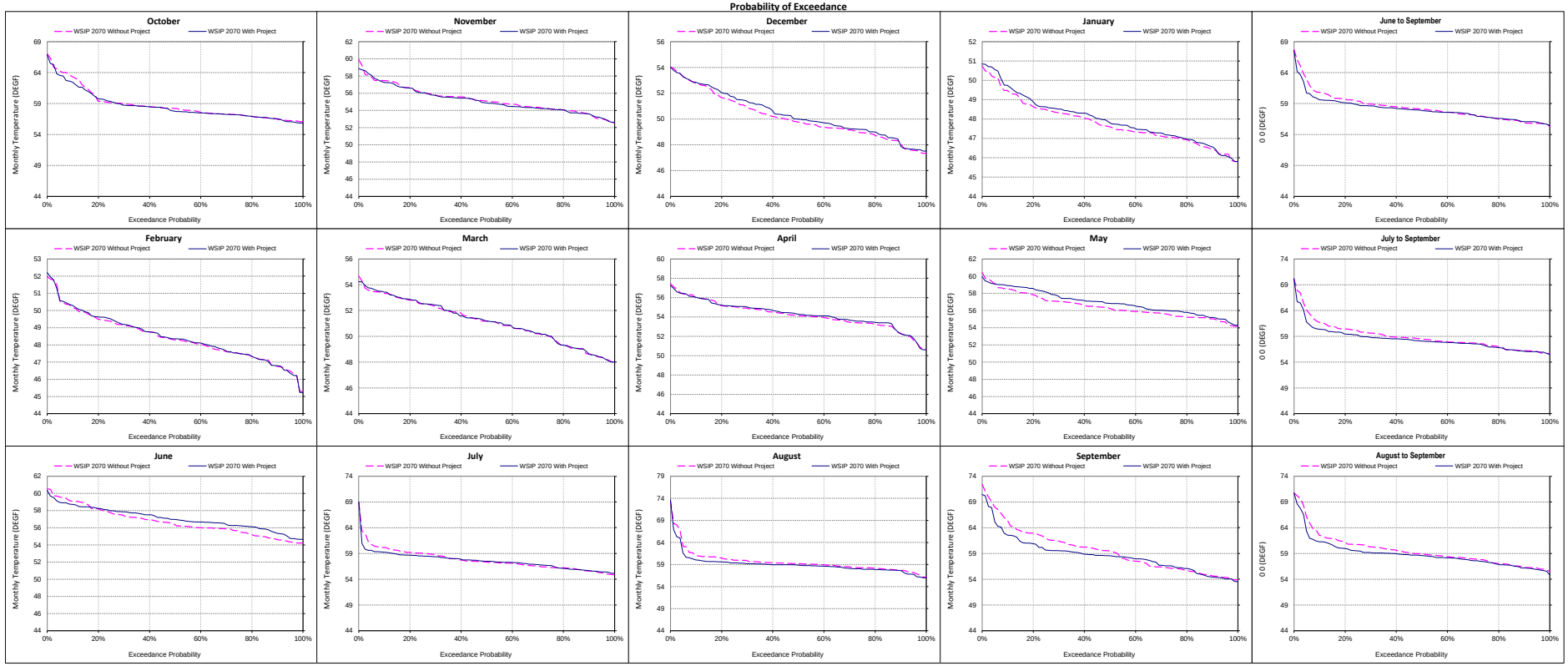


Table SQ6-1b

Sacramento River at Bend Bridge, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.0	66.9	-0.1	-0.2%
1.2%	66.3	65.5	-0.8	-1.2%
2.5%	64.9	65.3	0.4	0.7%
3.7%	64.6	63.8	-0.8	-1.2%
4.9%	64.2	63.5	-0.7	-1.1%
6.2%	64.0	63.5	-0.5	-0.9%
7.4%	64.0	62.7	-1.3	-2.0%
8.6%	63.6	62.6	-0.9	-1.5%
9.9%	63.4	62.5	-0.9	-1.4%
11.1%	63.0	62.0	-1.0	-1.6%
12.3%	62.9	61.6	-1.2	-1.9%
13.6%	62.0	61.6	-0.4	-0.7%
14.8%	61.6	61.2	-0.4	-0.7%
16.0%	61.3	61.0	-0.3	-0.5%
17.3%	60.7	60.6	-0.1	-0.2%
18.5%	60.6	60.2	-0.4	-0.6%
19.8%	59.4	59.8	0.4	0.6%
21.0%	59.3	59.7	0.4	0.7%
22.2%	59.3	59.7	0.4	0.6%
23.5%	59.2	59.5	0.3	0.4%
24.7%	59.1	59.4	0.2	0.4%
25.9%	59.1	59.2	0.1	0.1%
27.2%	59.1	59.0	0.0	-0.1%
28.4%	59.1	59.0	-0.1	-0.1%
29.6%	59.0	58.8	-0.2	-0.4%
30.9%	58.9	58.7	-0.2	-0.3%
32.1%	58.9	58.7	-0.2	-0.3%
33.3%	58.8	58.7	-0.1	-0.2%
34.6%	58.7	58.7	0.0	0.0%
35.8%	58.6	58.6	0.0	-0.1%
37.0%	58.6	58.6	0.0	-0.1%
38.3%	58.6	58.5	-0.1	-0.1%
39.5%	58.5	58.5	0.0	-0.1%
40.7%	58.5	58.4	0.0	0.0%
42.0%	58.4	58.4	0.0	-0.1%
43.2%	58.3	58.4	0.1	0.1%
44.4%	58.3	58.4	0.1	0.2%
45.7%	58.3	58.3	0.0	0.0%
46.9%	58.3	58.2	0.0	-0.1%
48.1%	58.2	57.9	-0.4	-0.6%
49.4%	58.2	57.8	-0.4	-0.7%
50.6%	58.2	57.7	-0.5	-0.8%
51.9%	58.0	57.7	-0.3	-0.6%
53.1%	58.0	57.7	-0.3	-0.5%
54.3%	57.9	57.7	-0.2	-0.4%
55.6%	57.9	57.6	-0.3	-0.6%
56.8%	57.9	57.6	-0.3	-0.5%
58.0%	57.8	57.5	-0.3	-0.4%
59.3%	57.7	57.5	-0.2	-0.3%
60.5%	57.5	57.5	0.0	-0.1%
61.7%	57.5	57.4	-0.1	-0.1%
63.0%	57.4	57.4	0.0	0.0%
64.2%	57.4	57.4	0.0	-0.1%
65.4%	57.4	57.4	0.0	0.0%
66.7%	57.4	57.3	0.0	-0.1%
67.9%	57.3	57.3	0.0	0.0%
69.1%	57.3	57.3	0.0	0.0%
70.4%	57.3	57.3	-0.1	-0.1%
71.6%	57.3	57.2	0.0	0.0%
72.8%	57.2	57.2	0.0	-0.1%
74.1%	57.2	57.2	0.0	-0.1%
75.3%	57.2	57.2	0.0	-0.1%
76.5%	57.1	57.1	0.0	0.1%
77.8%	57.0	57.0	0.0	0.0%
79.0%	57.0	57.0	0.0	0.0%
80.2%	56.9	56.9	0.0	0.0%
81.5%	56.8	56.9	0.1	0.1%
82.7%	56.8	56.8	0.0	0.1%
84.0%	56.7	56.8	0.1	0.1%
85.2%	56.7	56.8	0.1	0.1%
86.4%	56.7	56.7	0.0	0.0%
87.7%	56.6	56.6	0.0	-0.1%
88.9%	56.6	56.6	-0.1	-0.1%
90.1%	56.4	56.5	0.1	0.2%
91.4%	56.4	56.4	0.0	0.0%
92.6%	56.3	56.2	-0.1	-0.2%
93.8%	56.3	56.1	-0.2	-0.3%
95.1%	56.2	56.1	-0.2	-0.3%
96.3%	56.2	56.0	-0.2	-0.3%
97.5%	56.2	55.9	-0.3	-0.5%
98.8%	56.1	55.9	-0.2	-0.4%
100.0%	56.1	55.9	0.0	-0.4%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	59.9	58.9	-1.0	-1.7%
1.2%	59.3	58.7	-0.5	-0.9%
2.5%	58.2	58.6	0.5	0.8%
3.7%	58.1	58.3	0.2	0.4%
4.9%	57.9	58.1	0.2	0.4%
6.2%	57.5	57.7	0.2	0.4%
7.4%	57.5	57.6	0.1	0.2%
8.6%	57.5	57.4	-0.1	-0.2%
9.9%	57.5	57.3	-0.2	-0.4%
11.1%	57.4	57.2	-0.2	-0.4%
12.3%	57.4	57.2	-0.2	-0.3%
13.6%	57.3	57.1	-0.2	-0.4%
14.8%	57.2	56.8	-0.4	-0.7%
16.0%	56.9	56.7	-0.2	-0.3%
17.3%	56.7	56.7	0.0	0.0%
18.5%	56.7	56.7	0.0	0.0%
19.8%	56.6	56.6	0.0	-0.1%
21.0%	56.5	56.6	0.1	0.2%
22.2%	56.3	56.2	-0.1	-0.2%
23.5%	56.2	56.1	-0.1	-0.2%
24.7%	56.1	56.0	0.0	0.0%
25.9%	56.0	56.0	0.0	0.0%
27.2%	56.0	55.9	0.0	-0.1%
28.4%	55.9	55.8	-0.1	-0.2%
29.6%	55.9	55.8	-0.1	-0.2%
30.9%	55.7	55.7	0.0	0.0%
32.1%	55.7	55.6	-0.1	-0.2%
33.3%	55.6	55.5	-0.1	-0.2%
34.6%	55.6	55.5	-0.1	-0.2%
35.8%	55.6	55.5	-0.1	-0.2%
37.0%	55.6	55.5	-0.1	-0.2%
38.3%	55.6	55.5	-0.1	-0.2%
39.5%	55.6	55.4	-0.2	-0.3%
40.7%	55.6	55.4	-0.2	-0.3%
42.0%	55.5	55.4	-0.1	-0.2%
43.2%	55.4	55.4	0.0	0.1%
44.4%	55.3	55.3	0.0	0.0%
45.7%	55.2	55.2	0.0	0.0%
46.9%	55.2	55.1	-0.1	-0.1%
48.1%	55.1	54.9	-0.2	-0.4%
49.4%	55.1	54.9	-0.2	-0.4%
50.6%	55.1	54.9	-0.2	-0.4%
51.9%	55.0	54.8	-0.2	-0.3%
53.1%	55.0	54.8	-0.2	-0.3%
54.3%	55.0	54.7	-0.2	-0.4%
55.6%	54.8	54.7	-0.1	-0.2%
56.8%	54.8	54.7	-0.1	-0.3%
58.0%	54.8	54.5	-0.3	-0.5%
59.3%	54.7	54.5	-0.3	-0.5%
60.5%	54.7	54.5	-0.3	-0.5%
61.7%	54.7	54.4	-0.3	-0.5%
63.0%	54.5	54.4	-0.1	-0.2%
64.2%	54.5	54.4	-0.1	-0.2%
65.4%	54.5	54.3	-0.1	-0.2%
66.7%	54.4	54.3	-0.1	-0.2%
67.9%	54.4	54.3	-0.1	-0.1%
69.1%	54.4	54.3	-0.1	-0.2%
70.4%	54.4	54.2	-0.1	-0.2%
71.6%	54.3	54.2	-0.1	-0.1%
72.8%	54.3	54.2	0.0	-0.1%
74.1%	54.2	54.2	0.0	-0.1%
75.3%	54.1	54.1	0.0	0.0%
76.5%	54.1	54.1	0.0	0.0%
77.8%	54.1	54.1	0.0	-0.1%
79.0%	54.1	54.1	0.0	0.0%
80.2%	54.1	54.1	0.0	0.0%
81.5%	54.0	53.9	-0.1	-0.2%
82.7%	54.0	53.7	-0.2	-0.4%
84.0%	53.9	53.7	-0.2	-0.4%
85.2%	53.8	53.7	-0.1	-0.3%
86.4%	53.8	53.7	-0.1	-0.3%
87.7%	53.7	53.7	-0.1	-0.1%
88.9%	53.6	53.6	0.0	-0.1%
90.1%	53.5	53.6	0.0	0.1%
91.4%	53.4	53.4	0.1	0.1%
92.6%	53.1	53.3	0.2	0.3%
93.8%	53.0	53.2	0.2	0.4%
95.1%	53.0	53.1	0.1	0.1%
96.3%	52.9	53.0	0.0	0.1%
97.5%	52.8	52.8	-0.1	-0.2%
98.8%	52.6	52.6	0.1	0.1%
100.0%	52.6	52.6	0.1	0.1%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.0	54.0	0.0	0.0%
1.2%	53.9	53.8	-0.2	-0.3%
2.5%	53.7	53.6	-0.1	-0.1%
3.7%	53.5	53.5	0.0	0.1%
4.9%	53.3	53.3	0.0	0.0%
6.2%	53.1	53.1	0.0	0.0%
7.4%	53.0	53.1	0.1	0.1%
8.6%	52.9	52.9	0.0	0.0%
9.9%	52.7	52.9	0.1	0.2%
11.1%	52.7	52.7	0.1	0.1%
12.3%	52.6	52.7	0.1	0.2%
13.6%	52.6	52.7	0.1	0.1%
14.8%	52.4	52.6	0.2	0.4%
16.0%	52.3	52.5	0.2	0.4%
17.3%	51.9	52.4	0.5	0.9%
18.5%	51.8	52.3	0.4	0.8%
19.8%	51.7	52.1	0.4	0.8%
21.0%	51.6	52.0	0.4	0.7%
22.2%	51.6	52.0	0.4	0.7%
23.5%	51.5	51.8	0.3	0.6%
24.7%	51.4	51.7	0.3	0.6%
25.9%	51.3	51.5	0.2	0.4%
27.2%	51.1	51.5	0.4	0.8%
28.4%	51.1	51.5	0.4	0.7%
29.6%	51.0	51.4	0.4	0.8%
30.9%	50.8	51.3	0.5	0.9%
32.1%	50.8	51.2	0.5	0.9%
33.3%	50.7	51.1	0.5	0.9%
34.6%	50.5	51.1	0.6	1.2%
35.8%	50.4	51.1	0.7	1.3%
37.0%	50.4	50.9	0.6	1.1%
38.3%	50.3	50.9	0.6	1.1%
39.5%	50.2	50.7	0.5	1.0%
40.7%	50.2	50.4	0.2	0.4%
42.0%	50.1	50.4	0.3	0.5%
43.2%	50.1	50.4	0.3	0.6%
44.4%	50.0	50.3	0.3	0.5%
45.7%	50.0	50.3	0.3	0.6%
46.9%	49.9	50.3	0.3	0.6%
48.1%	49.8	50.0	0.2	0.4%
49.4%	49.8	50.0	0.2	0.4%
50.6%	49.7	50.0	0.3	0.5%
51.9%	49.7	49.9	0.2	0.5%
53.1%	49.6	49.9	0.3	0.7%
54.3%	49.6	49.9	0.2	0.5%
55.6%	49.6	49.8	0.3	0.6%
56.8%	49.5	49.8	0.3	0.6%
58.0%	49.4	49.8	0.4	0.8%
59.3%	49.4	49.7	0.3	0.7%
60.5%	49.4	49.7	0.3	0.7%
61.7%	49.3	49.7	0.4	0.7%
63.0%	49.3	49.6	0.3	0.6%
64.2%	49.3	49.5	0.2	0.4%
65.4%	49.3	49.5	0.2	0.4%
66.7%	49.3	49.4	0.2	0.3%
67.9%	49.2	49.3	0.1	0.2%
69.1%	49.2	49.3	0.1	0.2%
70.4%	49.1	49.2	0.1	0.2%
71.6%	49.1	49.2	0.1	0.2%
72.8%	49.1	49.2	0.2	0.3%
74.1%	48.9	49.2	0.3	0.5%
75.3%	48.9	49.2	0.3	0.5%
76.5%	48.9	49.2	0.3	0.5%
77.8%	48.9	49.0	0.1	0.3%
79.0%	48.8	49.0	0.2	0.4%
80.2%	48.7	49.0	0.3	0.5%
81.5%	48.6	48.8	0.2	0.4%
82.7%	48.6	48.8	0.2	0.4%
84.0%	48.5	48.8	0.3	0.6%
85.2%	48.4	48.6	0.2	0.4%
86.4%	48.4	48.6	0.2	0.4%
87.7%	48.3	48.5	0.2	0.3%
88.9%	48.3	48.4	0.1	0.3%
90.1%	48.0	47.8	-0.2	-0.4%
91.4%	47.7	47.7	0.0	0.0%
92.6%	47.7	47.7	0.0	0.1%
93.8%	47.6	47.7	0.1	0.1%
95.1%	47.6	47.7	0.1	0.2%
96.3%	47.6	47.6	0.1	0.2%
97.5%	47.4	47.6	0.2	0.4%
98.8%	47.3	47.5	0.2	0.4%
100.0%	47.3	47.5	0.2	0.4%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	50.8	50.8	0.1	0.2%
1.2%	50.5	50.8	0.3	0.7%
2.5%	50.5	50.7	0.2	0.4%
3.7%	50.2	50.7	0.5	0.9%
4.9%	50.1	50.6	0.4	0.8%
6.2%	50.1	50.5	0.3	0.7%
7.4%	49.7	50.1	0.4	0.9%
8.6%	49.5	49.8	0.3	0.6%
9.9%	49.5	49.7	0.3	0.5%
11.1%	49.3	49.6	0.3	0.6%
12.3%	49.3	49.5	0.2	0.4%
13.6%	49.3	49.4	0.1	0.2%
14.8%	49.1	49.3	0.3	0.5%
16.0%	48.8	49.2	0.4	0.9%
17.3%	48.8	49.1	0.4	0.8%
18.5%	48.8	49.1	0.3	0.6%
19.8%	48.7	48.9	0.3	0.5%
21.0%	48.6	48.7	0.2	0.4%
22.2%	48.5	48.7	0.1	0.2%
23.5%	48.5	48.6	0.1	0.3%
24.7%	48.5	48.6	0.1	0.3%
25.9%	48.4	48.6	0.2	0.3%
27.2%	48.4	48.6	0.2	0.3%
28.4%	48.4	48.5	0.2	0.4%
29.6%	48.3	48.5	0.2	0.4%
30.9%	48.3	48.5	0.2	0.4%
32.1%	48.3	48.4	0.2	0.4%
33.3%	48.3	48.4	0.2	0.3%
34.6%	48.2	48.4	0.2	0.4%
35.8%	48.2	48.4	0.2	0.4%
37.0%	48.2	48.3	0.2	0.3%
38.3%	48.1	48.3	0.2	0.4%
39.5%	48.1	48.3	0.2	0.5%
40.7%	48.0	48.3	0.3	0.6%
42.0%	48.0	48.2	0.2	0.5%
43.2%	47.9	48.2	0.3	0.6%
44.4%	47.8	48.0	0.2	0.4%
45.7%	47.7	48.0	0.3	0.6%
46.9%	47.7	48.0	0.3	0.6%
48.1%	47.6	48.0	0.3	0.7%
49.4%	47.6	47.9	0.2	0.5%
50.6%	47.6	47.8	0.2	0.4%
51.9%	47.5	47.7	0.3	0.6%
53.1%	47.4	47.7	0.3	0.6%
54.3%	47.4	47.7	0.2	0.5%
55.6%	47.4	47.7	0.3	0.6%
56.8%	47.4	47.7	0.3	0.6%
58.0%	47.4	47.6	0.2	0.4%
59.3%	47.3	47.5	0.2	0.4%
60.5%	47.3	47.5	0.1	0.3%
61.7%	47.3	47.5	0.2	0.3%
63.0%	47.3	47.5	0.2	0.3%
64.2%	47.3	47.4	0.2	0.3%
65.4%	47.3	47.3	0.0	0.1%
66.7%	47.3	47.3	0.0	0.1%
67.9%	47.1	47.3	0.1	0.3%
69.1%	47.1	47.3	0.1	0.3%
70.4%	47.1	47.3	0.2	0.4%
71.6%	47.1	47.2	0.1	0.2%
72.8%	47.1	47.2	0.1	0.2%
74.1%	47.1	47.1	0.1	0.2%
75.3%	47.0	47.1	0.1	0.2%
76.5%	47.0	47.1	0.1	0.1%
77.8%	47.0	47.1	0.1	0.2%
79.0%	46.9	47.0	0.1	0.1%
80.2%	46.9	46.9	0.0	0.0%
81.5%	46.8	46.9	0.1	0.3%
82.7%	46.8	46.9	0.1	0.2%
84.0%	46.7	46.8	0.1	0.1%
85.2%	46.6	46.8	0.2	0.3%
86.4%	46.6	46.7	0.2	0.4%
87.7%	46.5	46.7	0.1	0.3%
88.9%	46.5	46.6	0.1	0.3%
90.1%	46.4	46.6	0.1	0.2%
91.4%	46.4	46.4	0.1	0.1%
92.6%	46.2	46.2	0.0	0.0%
93.8%	46.2	46.1	-0.1	-0.2%
95.1%	46.2	46.1	-0.1	-0.2%
96.3%	46.2	46.0	-0.1	-0.3%
97.5%	45.9	46.0	0.1	0.3%
98.8%	45.8	45.8	0.0	0.0%
100.0%	45.8	45.8	0.0	0.0%

Table SQ6-1b

Sacramento River at Bend Bridge, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.0	52.2	0.3	0.5%
1.2%	51.8	52.0	0.1	0.2%
2.5%	51.8	51.8	0.0	0.1%
3.7%	51.5	51.3	-0.2	-0.5%
4.9%	50.5	50.6	0.0	0.1%
6.2%	50.5	50.5	0.1	0.1%
7.4%	50.4	50.4	0.1	0.2%
8.6%	50.4	50.4	0.0	0.0%
9.9%	50.2	50.3	0.2	0.3%
11.1%	50.1	50.2	0.0	0.1%
12.3%	49.9	50.1	0.1	0.3%
13.6%	49.9	50.0	0.1	0.2%
14.8%	49.9	49.9	0.0	0.0%
16.0%	49.8	49.9	0.1	0.2%
17.3%	49.7	49.7	0.0	-0.1%
18.5%	49.6	49.6	0.0	0.0%
19.8%	49.5	49.6	0.1	0.2%
21.0%	49.5	49.6	0.1	0.3%
22.2%	49.4	49.6	0.2	0.4%
23.5%	49.4	49.6	0.2	0.3%
24.7%	49.4	49.5	0.1	0.3%
25.9%	49.3	49.4	0.1	0.2%
27.2%	49.2	49.3	0.1	0.3%
28.4%	49.2	49.3	0.1	0.1%
29.6%	49.2	49.2	0.0	0.0%
30.9%	49.1	49.2	0.1	0.1%
32.1%	49.1	49.1	0.0	0.1%
33.3%	49.1	49.1	0.0	0.0%
34.6%	49.0	49.0	0.1	0.1%
35.8%	48.9	49.0	0.1	0.1%
37.0%	48.8	48.9	0.1	0.2%
38.3%	48.8	48.8	0.0	0.0%
39.5%	48.8	48.8	0.0	0.0%
40.7%	48.8	48.7	0.0	0.0%
42.0%	48.7	48.7	0.0	0.0%
43.2%	48.5	48.7	0.2	0.3%
44.4%	48.4	48.5	0.0	0.1%
45.7%	48.4	48.5	0.0	0.1%
46.9%	48.4	48.4	0.0	0.1%
48.1%	48.3	48.4	0.0	0.1%
49.4%	48.3	48.4	0.1	0.1%
50.6%	48.3	48.4	0.1	0.1%
51.9%	48.3	48.3	0.1	0.1%
53.1%	48.2	48.3	0.1	0.2%
54.3%	48.2	48.3	0.1	0.2%
55.6%	48.2	48.2	0.0	0.1%
56.8%	48.1	48.2	0.0	0.0%
58.0%	48.1	48.1	0.0	0.1%
59.3%	48.1	48.1	0.1	0.1%
60.5%	48.0	48.1	0.1	0.2%
61.7%	48.0	48.0	0.1	0.1%
63.0%	47.9	48.0	0.1	0.2%
64.2%	47.8	47.9	0.1	0.3%
65.4%	47.8	47.9	0.2	0.3%
66.7%	47.7	47.8	0.1	0.2%
67.9%	47.7	47.8	0.1	0.2%
69.1%	47.7	47.7	0.1	0.2%
70.4%	47.6	47.6	0.0	0.0%
71.6%	47.6	47.6	0.0	0.1%
72.8%	47.6	47.5	0.0	-0.1%
74.1%	47.5	47.5	0.0	0.0%
75.3%	47.5	47.5	0.0	0.0%
76.5%	47.5	47.5	0.0	0.0%
77.8%	47.5	47.4	0.0	-0.1%
79.0%	47.4	47.4	0.0	0.0%
80.2%	47.3	47.3	0.0	0.0%
81.5%	47.3	47.2	0.0	0.0%
82.7%	47.2	47.2	0.0	-0.1%
84.0%	47.2	47.1	0.0	0.0%
85.2%	47.1	47.1	0.0	0.0%
86.4%	47.1	47.0	-0.1	-0.2%
87.7%	46.8	46.8	0.0	0.0%
88.9%	46.8	46.8	0.0	0.0%
90.1%	46.7	46.8	0.0	0.1%
91.4%	46.7	46.8	0.0	0.1%
92.6%	46.7	46.5	-0.1	-0.2%
93.8%	46.5	46.5	0.0	-0.1%
95.1%	46.5	46.3	-0.1	-0.3%
96.3%	46.3	46.2	-0.1	-0.2%
97.5%	46.2	46.2	0.0	0.0%
98.8%	45.3	45.2	-0.1	-0.1%
100.0%	45.3	45.2	-0.1	-0.1%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.7	54.2	-0.4	-0.8%
1.2%	54.3	54.2	-0.1	-0.1%
2.5%	53.7	53.9	0.2	0.4%
3.7%	53.6	53.8	0.2	0.3%
4.9%	53.5	53.7	0.2	0.4%
6.2%	53.5	53.6	0.2	0.3%
7.4%	53.4	53.5	0.1	0.1%
8.6%	53.4	53.5	0.1	0.1%
9.9%	53.3	53.4	0.1	0.2%
11.1%	53.3	53.4	0.1	0.2%
12.3%	53.3	53.2	0.0	-0.1%
13.6%	53.2	53.2	0.0	0.0%
14.8%	53.0	53.1	0.0	0.1%
16.0%	53.0	53.0	0.1	0.1%
17.3%	52.9	52.9	0.0	0.0%
18.5%	52.9	52.9	0.0	0.1%
19.8%	52.8	52.9	0.1	0.1%
21.0%	52.8	52.8	0.0	0.0%
22.2%	52.8	52.8	0.0	0.1%
23.5%	52.5	52.6	0.1	0.2%
24.7%	52.5	52.5	0.0	0.0%
25.9%	52.5	52.5	0.0	0.0%
27.2%	52.5	52.5	0.0	0.1%
28.4%	52.4	52.5	0.1	0.1%
29.6%	52.3	52.4	0.1	0.2%
30.9%	52.2	52.4	0.2	0.4%
32.1%	52.2	52.4	0.2	0.4%
33.3%	52.0	52.0	0.0	0.0%
34.6%	51.9	52.0	0.1	0.1%
35.8%	51.9	52.0	0.1	0.1%
37.0%	51.9	51.8	-0.1	-0.2%
38.3%	51.9	51.8	-0.1	-0.2%
39.5%	51.9	51.6	-0.3	-0.5%
40.7%	51.6	51.6	-0.1	-0.1%
42.0%	51.6	51.4	-0.1	-0.3%
43.2%	51.5	51.4	-0.1	-0.1%
44.4%	51.4	51.4	0.0	0.0%
45.7%	51.4	51.4	0.0	0.1%
46.9%	51.3	51.4	0.0	0.1%
48.1%	51.2	51.3	0.1	0.2%
49.4%	51.2	51.2	0.0	0.1%
50.6%	51.2	51.2	0.0	0.0%
51.9%	51.1	51.1	0.0	0.0%
53.1%	51.1	51.1	0.0	0.0%
54.3%	51.0	51.1	0.0	0.0%
55.6%	50.9	51.0	0.2	0.4%
56.8%	50.8	50.9	0.0	0.1%
58.0%	50.8	50.9	0.1	0.1%
59.3%	50.8	50.9	0.0	0.1%
60.5%	50.6	50.6	0.0	0.0%
61.7%	50.6	50.6	0.0	0.0%
63.0%	50.6	50.6	0.0	0.1%
64.2%	50.5	50.6	0.1	0.2%
65.4%	50.5	50.4	0.0	0.0%
66.7%	50.4	50.4	0.0	0.0%
67.9%	50.3	50.4	0.1	0.2%
69.1%	50.2	50.2	0.0	0.1%
70.4%	50.2	50.2	0.1	0.1%
71.6%	50.1	50.2	0.0	0.1%
72.8%	50.1	50.2	0.1	0.1%
74.1%	50.0	50.0	0.0	0.0%
75.3%	50.0	50.0	0.0	0.1%
76.5%	49.7	49.7	0.0	0.0%
77.8%	49.5	49.4	-0.1	-0.2%
79.0%	49.3	49.3	0.0	0.0%
80.2%	49.3	49.3	0.0	0.0%
81.5%	49.3	49.2	-0.1	-0.1%
82.7%	49.1	49.2	0.1	0.2%
84.0%	49.1	49.1	0.0	0.1%
85.2%	49.1	49.1	0.0	0.0%
86.4%	49.1	49.0	0.0	-0.1%
87.7%	49.0	49.0	0.0	-0.1%
88.9%	48.7	48.8	0.2	0.4%
90.1%	48.6	48.6	0.0	0.0%
91.4%	48.5	48.6	0.0	0.1%
92.6%	48.5	48.5	0.0	0.1%
93.8%	48.4	48.4	0.0	0.1%
95.1%	48.4	48.4	0.0	0.0%
96.3%	48.2	48.2	0.0	0.0%
97.5%	48.2	48.1	0.0	-0.1%
98.8%	48.0	48.0	0.0	0.0%
100.0%	48.0	48.0	0.0	0.0%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	57.5	57.3	-0.2	-0.3%
1.2%	57.1	57.0	-0.2	-0.3%
2.5%	56.9	56.6	-0.3	-0.5%
3.7%	56.5	56.5	-0.1	-0.1%
4.9%	56.4	56.4	0.1	0.1%
6.2%	56.3	56.4	0.0	0.1%
7.4%	56.3	56.1	-0.2	-0.3%
8.6%	56.3	56.1	-0.2	-0.3%
9.9%	56.0	56.1	0.1	0.1%
11.1%	56.0	55.9	0.0	0.0%
12.3%	55.9	55.9	0.0	0.0%
13.6%	55.9	55.8	0.0	-0.1%
14.8%	55.9	55.8	0.0	-0.1%
16.0%	55.7	55.5	-0.3	-0.5%
17.3%	55.7	55.4	-0.3	-0.5%
18.5%	55.3	55.3	-0.1	-0.1%
19.8%	55.2	55.3	0.1	0.2%
21.0%	55.1	55.2	0.0	0.1%
22.2%	55.1	55.2	0.1	0.1%
23.5%	55.1	55.1	0.0	0.1%
24.7%	55.1	55.1	0.0	0.1%
25.9%	55.0	55.1	0.1	0.1%
27.2%	55.0	55.1	0.1	0.2%
28.4%	54.9	55.1	0.2	0.3%
29.6%	54.9	55.0	0.1	0.2%
30.9%	54.8	54.9	0.1	0.2%
32.1%	54.8	54.9	0.1	0.2%
33.3%	54.8	54.9	0.1	0.2%
34.6%	54.8	54.9	0.1	0.2%
35.8%	54.8	54.9	0.1	0.2%
37.0%	54.7	54.8	0.1	0.2%
38.3%	54.5	54.8	0.3	0.5%
39.5%	54.5	54.7	0.2	0.4%
40.7%	54.5	54.6	0.1	0.2%
42.0%	54.4	54.6	0.2	0.3%
43.2%	54.4	54.5	0.1	0.2%
44.4%	54.4	54.5	0.1	0.1%
45.7%	54.3	54.4	0.2	0.3%
46.9%	54.2	54.4	0.2	0.4%
48.1%	54.2	54.4	0.2	0.4%
49.4%	54.1	54.3	0.2	0.3%
50.6%	54.1	54.3	0.1	0.3%
51.9%	54.1	54.3	0.1	0.3%
53.1%	54.1	54.2	0.1	0.2%
54.3%	54.1	54.2	0.1	0.1%
55.6%	54.0	54.2	0.1	0.2%
56.8%	54.0	54.1	0.1	0.2%
58.0%	54.0	54.1	0.1	0.2%
59.3%	54.0	54.1	0.2	0.3%
60.5%	53.9	54.1	0.2	0.4%
61.7%	53.8	54.1	0.3	0.5%
63.0%	53.7	54.0	0.3	0.5%
64.2%	53.7	54.0	0.2	0.4%
65.4%	53.7	53.8	0.1	0.2%
66.7%	53.7	53.8	0.1	0.2%
67.9%	53.6	53.7	0.1	0.2%
69.1%	53.5	53.7	0.2	0.4%
70.4%	53.4	53.6	0.2	0.4%
71.6%	53.4	53.6	0.2	0.4%
72.8%	53.4	53.6	0.2	0.3%
74.1%	53.4	53.6	0.2	0.3%
75.3%	53.4	53.6	0.2	0.3%
76.5%	53.4	53.5	0.1	0.2%
77.8%	53.4	53.5	0.1	0.2%
79.0%	53.3	53.5	0.1	0.3%
80.2%	53.2	53.4	0.2	0.4%
81.5%	53.2	53.4	0.2	0.4%
82.7%	53.1	53.4	0.3	0.5%
84.0%	53.1	53.4	0.3	0.5%
85.2%	53.1	53.4	0.3	0.6%
86.4%	53.0	53.3	0.3	0.5%
87.7%	52.7	52.8	0.0	0.0%
88.9%	52.4	52.5	0.1	0.1%
90.1%	52.3	52.3	0.0	-0.1%
91.4%	52.1	52.1	0.0	0.0%
92.6%	52.0	52.1	0.1	0.1%
93.8%	52.0	52.1	0.1	0.2%
95.1%	51.6	51.8	0.2	0.4%
96.3%	51.3	51.3	0.0	0.0%
97.5%	50.9	50.7	-0.1	-0.3%
98.8%	50.7	50.6	-0.1	-0.1%
100.0%	50.7	50.6	-0.1	-0.1%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.4	59.9	-0.5	-0.8%
1.2%	59.7	59.5	-0.3	-0.5%
2.5%	59.7	59.3	-0.4	-0.6%
3.7%	59.4	59.1	-0.3	-0.4%
4.9%	59.1	59.1	0.0	0.0%
6.2%	58.7	59.0	0.4	0.6%
7.4%	58.6	59.0	0.4	0.7%
8.6%	58.6	59.0	0.4	0.8%
9.9%	58.6	58.9	0.3	0.6%
11.1%	58.5	58.9	0.4	0.7%
12.3%	58.4	58.8	0.4	0.7%
13.6%	58.2	58.8	0.5	0.9%
14.8%	58.1	58.7	0.6	1.1%
16.0%	58.1	58.7	0.7	1.1%
17.3%	58.0	58.7	0.6	1.1%
18.5%	57.9	58.6	0.7	1.1%
19.8%	57.9	58.6	0.7	1.3%
21.0%	57.8	58.4	0.6	1.1%
22.2%	57.4	58.3	0.9	1.5%
23.5%	57.4	58.3	0.8	1.4%
24.7%	57.2	58.2	1.0	1.8%
25.9%	57.1	58.0	0.9	1.6%
27.2%	57.1	57.9	0.7	1.3%
28.4%	57.1	57.8	0.7	1.3%
29.6%	57.1	57.7	0.6	1.1%
30.9%	57.0	57.4	0.4	0.7%
32.1%	57.0	57.4	0.4	0.7%
33.3%	57.0	57.4	0.4	0.8%
34.6%	56.9	57.4	0.5	0.8%
35.8%	56.9	57.3	0.4	0.7%
37.0%	56.8	57.3	0.4	0.8%
38.3%	56.8	57.2	0.5	0.8%
39.5%	56.6	57.2	0.6	1.0%
40.7%	56.5	57.1	0.6	1.0%
42.0%	56.5	57.1	0.6	1.0%
43.2%	56.5	57.1	0.6	1.0%
44.4%	56.5	57.1	0.6	1.1%
45.7%	56.4	57.0	0.6	1.1%
46.9%	56.4	57.0	0.6	1.1%
48.1%	56.3	56.9	0.5	1.0%
49.4%	56.3	56.9	0.5	1.0%
50.6%	56.2	56.8	0.6	1.1%
51.9%	56.0	56.8	0.8	1.4%
53.1%	56.0	56.8	0.8	1.4%
54.3%	56.0	56.8	0.7	1.3%
55.6%	56.0	56.8	0.8	1.4%
56.8%	56.0	56.7	0.7	1.2%
58.0%	55.9	56.6	0.7	1.2%
59.3%	55.9	56.6	0.7	1.3%
60.5%	55.9	56.5	0.6	1.0%
61.7%	55.9	56.4	0.6	1.0%
63.0%	55.8	56.4	0.5	1.0%
64.2%	55.8	56.2	0.4	0.7%
65.4%	55.8	56.1	0.4	0.7%
66.7%	55.8	56.1	0.3	0.5%
67.9%	55.7	56.1	0.3	0.6%
69.1%	55.7	56.1	0.3	0.6%
70.4%	55.6	56.0	0.4	0.8%
71.6%	55.6	56.0	0.4	0.7%
72.8%	55.6	56.0	0.4	0.7%
74.1%	55.4	56.0	0.5	0.9%
75.3%	55.3	55.9	0.6	1.1%
76.5%	55.3	55.9	0.6	1.1%
77.8%	55.3	55.9	0.6	1.0%
79.0%	55.3	55.8	0.5	1.0%
80.2%	55.2	55.8	0.6	1.0%
81.5%	55.2	55.7	0.5	0.9%
82.7%	55.2	55.7	0.5	0.8%
84.0%	55.2	55.5	0.3	0.5%
85.2%	55.2	55.5	0.3	0.5%
86.4%	55.2	55.5	0.3	0.5%
87.7%	55.2	55.3	0.1	0.2%
88.9%	55.0	55.2	0.2	0.3%
90.1%	55.0	55.2	0.2	0.3%
91.4%	55.0	55.1	0.2	0.3%
92.6%	54.7	55.0	0.3	0.5%
93.8%	54.7	55.0	0.3	0.5%
95.1%	54.7	55.0	0.3	0.5%
96.3%	54.3	54.6	0.4	0.6%
97.5%	54.3	54.5	0.2	0.4%
98.8%	54.2	54.3	0.1	0.2%
100.0%	54.2	54.3	0.1	0.2%

Table SQ6-1b

Sacramento River at Bend Bridge, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.5	60.4	-0.1	-0.2%
1.2%	60.5	59.7	-0.8	-1.3%
2.5%	59.7	59.5	-0.2	-0.3%
3.7%	59.7	59.1	-0.6	-1.0%
4.9%	59.6	58.9	-0.6	-1.1%
6.2%	59.6	58.9	-0.6	-1.1%
7.4%	59.4	58.9	-0.5	-0.9%
8.6%	59.1	58.8	-0.4	-0.7%
9.9%	59.1	58.7	-0.4	-0.6%
11.1%	59.1	58.7	-0.4	-0.7%
12.3%	59.0	58.5	-0.6	-0.9%
13.6%	59.0	58.4	-0.5	-0.9%
14.8%	58.8	58.4	-0.4	-0.7%
16.0%	58.7	58.4	-0.2	-0.4%
17.3%	58.2	58.4	0.1	0.2%
18.5%	58.2	58.3	0.1	0.2%
19.8%	58.2	58.3	0.1	0.1%
21.0%	58.1	58.2	0.2	0.3%
22.2%	58.0	58.1	0.1	0.3%
23.5%	57.9	58.1	0.2	0.3%
24.7%	57.8	58.0	0.2	0.4%
25.9%	57.6	58.0	0.4	0.6%
27.2%	57.6	57.9	0.3	0.5%
28.4%	57.5	57.9	0.4	0.6%
29.6%	57.5	57.9	0.4	0.7%
30.9%	57.2	57.9	0.6	1.1%
32.1%	57.2	57.8	0.5	0.9%
33.3%	57.2	57.7	0.5	0.9%
34.6%	57.2	57.7	0.5	0.9%
35.8%	57.1	57.6	0.5	1.0%
37.0%	57.1	57.6	0.5	0.9%
38.3%	57.0	57.5	0.5	1.0%
39.5%	56.9	57.5	0.6	1.0%
40.7%	56.9	57.5	0.6	1.0%
42.0%	56.8	57.4	0.6	1.0%
43.2%	56.7	57.2	0.5	0.8%
44.4%	56.7	57.2	0.5	0.9%
45.7%	56.6	57.1	0.5	0.8%
46.9%	56.6	57.1	0.5	0.9%
48.1%	56.6	57.0	0.4	0.8%
49.4%	56.4	57.0	0.5	0.9%
50.6%	56.2	56.9	0.7	1.3%
51.9%	56.2	56.9	0.7	1.2%
53.1%	56.2	56.8	0.7	1.2%
54.3%	56.2	56.8	0.6	1.0%
55.6%	56.1	56.7	0.6	1.0%
56.8%	56.1	56.7	0.6	1.1%
58.0%	56.0	56.7	0.7	1.2%
59.3%	56.0	56.7	0.7	1.2%
60.5%	56.0	56.7	0.7	1.2%
61.7%	56.0	56.6	0.7	1.2%
63.0%	56.0	56.6	0.7	1.2%
64.2%	56.0	56.6	0.6	1.1%
65.4%	55.9	56.6	0.6	1.2%
66.7%	55.9	56.6	0.6	1.2%
67.9%	55.9	56.6	0.7	1.2%
69.1%	55.9	56.5	0.6	1.1%
70.4%	55.8	56.3	0.5	0.8%
71.6%	55.8	56.3	0.4	0.8%
72.8%	55.7	56.3	0.6	1.1%
74.1%	55.7	56.3	0.6	1.1%
75.3%	55.5	56.2	0.7	1.3%
76.5%	55.4	56.2	0.8	1.4%
77.8%	55.4	56.2	0.8	1.4%
79.0%	55.3	56.1	0.9	1.6%
80.2%	55.2	56.1	0.9	1.7%
81.5%	55.1	56.1	1.0	1.8%
82.7%	55.0	55.9	0.9	1.6%
84.0%	55.0	55.9	0.9	1.7%
85.2%	55.0	55.9	0.9	1.6%
86.4%	54.8	55.8	0.9	1.7%
87.7%	54.8	55.6	0.8	1.5%
88.9%	54.7	55.5	0.7	1.4%
90.1%	54.6	55.3	0.7	1.3%
91.4%	54.6	55.3	0.7	1.3%
92.6%	54.5	55.2	0.7	1.3%
93.8%	54.4	55.0	0.6	1.1%
95.1%	54.3	54.7	0.4	0.7%
96.3%	54.3	54.7	0.4	0.8%
97.5%	54.2	54.7	0.5	0.8%
98.8%	54.2	54.6	0.4	0.8%
100.0%	54.2	54.6	0.4	0.8%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	68.9	69.0	0.2	0.3%
1.2%	63.4	60.9	-2.5	-3.9%
2.5%	62.9	59.8	-3.1	-4.9%
3.7%	61.3	59.6	-1.7	-2.7%
4.9%	60.8	59.6	-1.2	-1.9%
6.2%	60.4	59.3	-1.1	-1.8%
7.4%	60.3	59.3	-1.0	-1.6%
8.6%	60.2	59.3	-0.9	-1.4%
9.9%	60.2	59.3	-0.9	-1.5%
11.1%	60.1	59.2	-0.9	-1.5%
12.3%	59.7	59.1	-0.7	-1.1%
13.6%	59.7	59.0	-0.7	-1.2%
14.8%	59.6	58.9	-0.7	-1.2%
16.0%	59.5	58.7	-0.8	-1.3%
17.3%	59.5	58.7	-0.8	-1.3%
18.5%	59.2	58.7	-0.5	-0.9%
19.8%	59.2	58.7	-0.5	-0.9%
21.0%	59.2	58.6	-0.5	-0.9%
22.2%	59.1	58.6	-0.5	-0.8%
23.5%	59.1	58.5	-0.5	-0.9%
24.7%	59.1	58.5	-0.5	-0.9%
25.9%	59.0	58.5	-0.5	-0.8%
27.2%	58.9	58.5	-0.5	-0.8%
28.4%	58.8	58.4	-0.4	-0.7%
29.6%	58.8	58.4	-0.4	-0.7%
30.9%	58.6	58.4	-0.2	-0.4%
32.1%	58.5	58.2	-0.3	-0.5%
33.3%	58.4	58.2	-0.2	-0.4%
34.6%	58.2	58.1	0.0	-0.1%
35.8%	58.0	58.0	0.0	0.0%
37.0%	58.0	58.0	0.0	0.1%
38.3%	58.0	58.0	0.0	0.1%
39.5%	57.7	58.0	0.2	0.4%
40.7%	57.7	57.8	0.1	0.1%
42.0%	57.5	57.8	0.2	0.4%
43.2%	57.5	57.7	0.2	0.4%
44.4%	57.5	57.7	0.2	0.3%
45.7%	57.5	57.7	0.2	0.4%
46.9%	57.4	57.6	0.2	0.3%
48.1%	57.4	57.5	0.1	0.2%
49.4%	57.4	57.5	0.1	0.3%
50.6%	57.3	57.5	0.2	0.4%
51.9%	57.3	57.5	0.2	0.4%
53.1%	57.3	57.4	0.1	0.2%
54.3%	57.2	57.4	0.1	0.2%
55.6%	57.2	57.3	0.2	0.3%
56.8%	57.1	57.3	0.2	0.3%
58.0%	57.1	57.3	0.2	0.3%
59.3%	57.1	57.3	0.1	0.2%
60.5%	57.1	57.2	0.1	0.3%
61.7%	57.0	57.2	0.2	0.3%
63.0%	56.9	57.2	0.3	0.5%
64.2%	56.8	57.1	0.2	0.4%
65.4%	56.7	57.0	0.3	0.6%
66.7%	56.7	56.9	0.3	0.5%
67.9%	56.6	56.9	0.3	0.5%
69.1%	56.6	56.9	0.3	0.5%
70.4%	56.5	56.8	0.3	0.5%
71.6%	56.4	56.8	0.4	0.6%
72.8%	56.4	56.7	0.3	0.6%
74.1%	56.4	56.7	0.3	0.5%
75.3%	56.3	56.7	0.4	0.7%
76.5%	56.3	56.4	0.1	0.3%
77.8%	56.3	56.2	-0.1	-0.1%
79.0%	56.2	56.2	-0.1	-0.1%
80.2%	56.2	56.1	-0.1	-0.2%
81.5%	56.2	56.1	-0.1	-0.2%
82.7%	56.1	55.9	-0.2	-0.3%
84.0%	56.1	55.9	-0.2	-0.3%
85.2%	56.0	55.9	-0.1	-0.1%
86.4%	55.8	55.9	0.1	0.1%
87.7%	55.7	55.8	0.1	0.1%
88.9%	55.6	55.7	0.1	0.2%
90.1%	55.6	55.7	0.1	0.1%
91.4%	55.6	55.6	0.0	0.0%
92.6%	55.5	55.6	0.1	0.1%
93.8%	55.3	55.5	0.2	0.3%
95.1%	55.2	55.4	0.2	0.3%
96.3%	55.1	55.4	0.3	0.6%
97.5%	55.0	55.4	0.4	0.7%
98.8%	54.9	55.2	0.3	0.5%
100.0%	54.9	55.2	0.3	0.5%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	73.5	73.7	0.1	0.2%
1.2%	68.3	66.9	-1.5	-2.1%
2.5%	68.0	65.3	-2.7	-3.9%
3.7%	66.8	65.0	-1.8	-2.7%
4.9%	63.1	61.6	-1.5	-2.3%
6.2%	63.0	60.7	-2.3	-3.7%
7.4%	61.7	60.5	-1.2	-1.9%
8.6%	61.7	60.3	-1.4	-2.3%
9.9%	61.0	60.0	-1.0	-1.6%
11.1%	60.9	60.0	-0.9	-1.5%
12.3%	60.8	59.9	-1.0	-1.6%
13.6%	60.8	59.7	-1.1	-1.8%
14.8%	60.8	59.7	-1.1	-1.8%
16.0%	60.7	59.7	-1.1	-1.8%
17.3%	60.7	59.7	-1.1	-1.8%
18.5%	60.5	59.6	-0.9	-1.5%
19.8%	60.5	59.6	-0.9	-1.4%
21.0%	60.3	59.5	-0.8	-1.3%
22.2%	60.2	59.5	-0.7	-1.1%
23.5%	60.2	59.4	-0.8	-1.3%
24.7%	60.0	59.4	-0.6	-1.0%
25.9%	60.0	59.4	-0.6	-1.0%
27.2%	60.0	59.3	-0.6	-1.1%
28.4%	60.0	59.3	-0.7	-1.1%
29.6%	59.9	59.2	-0.7	-1.2%
30.9%	59.7	59.2	-0.5	-0.8%
32.1%	59.7	59.2	-0.5	-0.8%
33.3%	59.6	59.2	-0.5	-0.8%
34.6%	59.6	59.2	-0.4	-0.7%
35.8%	59.5	59.2	-0.4	-0.6%
37.0%	59.4	59.1	-0.4	-0.6%
38.3%	59.4	59.0	-0.4	-0.7%
39.5%	59.4	59.0	-0.4	-0.7%
40.7%	59.4	59.0	-0.4	-0.7%
42.0%	59.3	59.0	-0.4	-0.7%
43.2%	59.3	59.0	-0.4	-0.6%
44.4%	59.3	59.0	-0.4	-0.6%
45.7%	59.3	59.0	-0.3	-0.5%
46.9%	59.2	58.9	-0.3	-0.5%
48.1%	59.2	58.9	-0.3	-0.5%
49.4%	59.2	58.9	-0.3	-0.5%
50.6%	59.2	58.8	-0.4	-0.6%
51.9%	59.2	58.8	-0.4	-0.6%
53.1%	59.1	58.8	-0.4	-0.6%
54.3%	59.1	58.8	-0.3	-0.6%
55.6%	59.1	58.7	-0.4	-0.6%
56.8%	59.1	58.7	-0.4	-0.6%
58.0%	59.0	58.7	-0.4	-0.6%
59.3%	59.0	58.6	-0.3	-0.6%
60.5%	58.9	58.6	-0.3	-0.5%
61.7%	58.8	58.6	-0.3	-0.5%
63.0%	58.8	58.5	-0.3	-0.5%
64.2%	58.8	58.5	-0.3	-0.4%
65.4%	58.6	58.4	-0.2	-0.4%
66.7%	58.6	58.4	-0.2	-0.4%
67.9%	58.6	58.2	-0.3	-0.6%
69.1%	58.5	58.2	-0.4	-0.7%
70.4%	58.4	58.1	-0.3	-0.5%
71.6%	58.3	58.1	-0.3	-0.5%
72.8%	58.3	58.1	-0.3	-0.5%
74.1%	58.3	58.0	-0.2	-0.4%
75.3%	58.3	57.9	-0.3	-0.6%
76.5%	58.3	57.9	-0.3	-0.6%
77.8%	58.3	57.9	-0.3	-0.6%
79.0%	58.2	57.9	-0.3	-0.5%
80.2%	58.1	57.9	-0.2	-0.4%
81.5%	58.1	57.9	-0.2	-0.4%
82.7%	58.0	57.8	-0.2	-0.4%
84.0%	57.9	57.8	-0.1	-0.2%
85.2%	57.9	57.8	-0.1	-0.2%
86.4%	57.9	57.8	-0.1	-0.2%
87.7%	57.8	57.8	-0.1	-0.1%
88.9%	57.8	57.7	-0.1	-0.2%
90.1%	57.7	57.6	0.0	-0.1%
91.4%	57.6	57.1	-0.5	-0.9%
92.6%	57.4	56.8	-0.6	-1.0%
93.8%	57.3	56.8	-0.5	-0.9%
95.1%	57.2	56.8	-0.4	-0.7%
96.3%	56.9	56.2	-0.6	-1.1%
97.5%	56.6	56.2	-0.4	-0.8%
98.8%	56.2	56.0	-0.2	-0.4%
100.0%	56.2	56.0	-0.2	-0.4%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	72.4	70.5	-2.0	-2.7%
1.2%	71.1	70.2	-0.9	-1.2%
2.5%	70.0	68.1	-1.8	-2.6%
3.7%	69.0	67.9	-1.1	-1.6%
4.9%	68.0	65.1	-2.9	-4.2%
6.2%	67.5	64.3	-3.2	-4.8%
7.4%	66.8	64.1	-2.7	-4.0%
8.6%	66.0	62.9	-3.0	-4.6%
9.9%	65.4	62.6	-2.9	-4.4%
11.1%	64.3	62.5	-1.8	-2.7%
12.3%	64.2	62.4	-1.8	-2.8%
13.6%	63.7	62.2	-1.5	-2.3%
14.8%	63.5	61.4	-2.1	-3.3%
16.0%	63.1	61.1	-2.0	-3.2%
17.3%	63.0	61.0	-2.0	-3.2%
18.5%	63.0	61.0	-2.0	-3.1%
19.8%	62.9	60.9	-2.1	-3.3%
21.0%	62.9	60.8	-2.0	-3.2%
22.2%	62.6	60.2	-2.4	-3.9%
23.5%	62.4	60.2	-2.2	-3.6%
24.7%	62.1	59.7	-2.4	-3.9%
25.9%	61.7	59.6	-2.0	-3.3%
27.2%	61.6	59.6	-2.0	-3.2%
28.4%	61.5	59.6	-2.0	-3.2%
29.6%	61.5	59.5	-1.9	-3.1%
30.9%	61.2	59.5	-1.7	-2.8%
32.1%	61.2	59.5	-1.6	-2.7%
33.3%	60.7	59.5	-1.3	-2.1%
34.6%	60.7	59.4	-1.3	-2.2%
35.8%	60.6	59.2	-1.3	-2.2%
37.0%	60.3	59.2	-1.1	-1.9%
38.3%	60.3	59.1	-1.2	-1.9%
39.5%	60.2	58.9	-1.3	-2.2%
40.7%	60.2	58.8	-1.4	-2.3%
42.0%	60.1	58.8	-1.3	-2.1%
43.2%	60.1	58.8	-1.3	-2.1%
44.4%	59.9	58.7	-1.2	-2.0%
45.7%	59.7	58.6	-1.1	-1.8%
46.9%	59.6	58.6	-1.0	-1.6%
48.1%	59.6	58.6	-1.0	-1.6%
49.4%	59.5	58.6	-1.0	-1.6%
50.6%	59.4	58.5	-0.8	-1.4%
51.9%	59.2	58.4	-0.8	-1.3%
53.1%	58.9	58.4	-0.5	-0.9%
54.3%	58.1	58.4	0.3	0.5%
55.6%	58.0	58.3	0.3	0.5%
56.8%	57.7	58.2	0.5	0.8%
58.0%	57.6	58.2	0.6	1.0%
59.3%	57.5	58.0	0.5	0.8%
60.5%	57.5	58.0	0.5	0.8%
61.7%	57.4	58.0	0.5	0.9%
63.0%	57.3	57.9	0.6	1.1%
64.2%	57.1	57.8	0.8	1.3%
65.4%	56.6	57.7	1.1	2.0%
66.7%	56.5	57.4	0.9	1.6%
67.9%	56.4	57.4	1.0	1.7%
69.1%	56.4	56.7	0.3	0.6%
70.4%	56.4	56.7	0.3	0.6%
71.6%	56.3	56.6	0.4	0.6%
72.8%	56.2	56.6	0.4	0.7%
74.1%	56.1	56.6	0.5	0.8%
75.3%	56.1	56.4	0.3	0.5%
76.5%	56.1	56.2	0.2	0.3%
77.8%	56.0	56.2	0.3	0.5%
79.0%	55.8	56.1	0.3	0.5%
80.2%	55.7	56.1	0.4	0.7%
81.5%	55.5	55.9	0.4	0.7%
82.7%	55.5	55.8	0.2	0.4%
84.0%	55.2	55.1	-0.1	-0.2%
85.2%	55.1	55.0	-0.1	-0.3%
86.4%	54.9	54.8	-0.1	-0.2%
87.7%	54.9	54.6	-0.3	-0.5%
88.9%	54.8	54.5	-0.3	-0.6%
90.1%	54.6	54.4	-0.2	-0.4%
91.4%	54.6	54.4	-0.2	-0.4%
92.6%	54.5	54.4	-0.2	-0.3%
93.8%	54.4	54.3	-0.1	-0.1%
95.1%	54.4	54.1	-0.3	-0.6%
96.3%	54.3	54.1	-0.2	-0.4%
97.5%	54.0	54.0	0.1	0.2%
98.8%	53.9	53.5	-0.3	-0.6%
100.0%	53.9	53.5	-0.3	-0.6%

Table SQ6-1b

Sacramento River at Bend Bridge, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.7	67.6	-0.1	-0.2%
1.2%	66.1	64.2	-1.9	-2.8%
2.5%	65.1	63.7	-1.5	-2.2%
3.7%	63.8	62.6	-1.3	-2.0%
4.9%	63.0	60.7	-2.3	-3.6%
6.2%	61.9	60.6	-1.3	-2.0%
7.4%	61.2	60.1	-1.1	-1.8%
8.6%	60.9	59.9	-1.0	-1.6%
9.9%	60.8	59.6	-1.2	-2.0%
11.1%	60.8	59.6	-1.2	-1.9%
12.3%	60.6	59.5	-1.0	-1.7%
13.6%	60.4	59.5	-0.9	-1.4%
14.8%	60.0	59.5	-0.5	-0.8%
16.0%	59.9	59.4	-0.4	-0.7%
17.3%	59.8	59.3	-0.6	-0.9%
18.5%	59.8	59.2	-0.6	-1.0%
19.8%	59.8	59.2	-0.6	-1.0%
21.0%	59.6	59.1	-0.5	-0.8%
22.2%	59.6	59.1	-0.5	-0.8%
23.5%	59.6	58.9	-0.6	-1.1%
24.7%	59.4	58.9	-0.6	-0.9%
25.9%	59.3	58.7	-0.7	-1.1%
27.2%	59.0	58.7	-0.3	-0.6%
28.4%	59.0	58.7	-0.3	-0.5%
29.6%	58.9	58.6	-0.3	-0.5%
30.9%	58.9	58.6	-0.3	-0.5%
32.1%	58.8	58.5	-0.2	-0.4%
33.3%	58.8	58.4	-0.4	-0.6%
34.6%	58.7	58.4	-0.4	-0.6%
35.8%	58.7	58.3	-0.4	-0.6%
37.0%	58.6	58.3	-0.2	-0.4%
38.3%	58.5	58.3	-0.2	-0.3%
39.5%	58.5	58.2	-0.3	-0.5%
40.7%	58.4	58.2	-0.2	-0.4%
42.0%	58.4	58.1	-0.3	-0.4%
43.2%	58.3	58.1	-0.2	-0.4%
44.4%	58.3	58.1	-0.2	-0.4%
45.7%	58.2	58.0	-0.2	-0.4%
46.9%	58.2	58.0	-0.2	-0.4%
48.1%	58.2	58.0	-0.2	-0.4%
49.4%	58.1	57.9	-0.2	-0.3%
50.6%	58.1	57.8	-0.2	-0.4%
51.9%	58.1	57.8	-0.3	-0.5%
53.1%	57.9	57.8	-0.2	-0.3%
54.3%	57.9	57.7	-0.3	-0.4%
55.6%	57.9	57.7	-0.3	-0.4%
56.8%	57.8	57.6	-0.2	-0.3%
58.0%	57.7	57.6	-0.1	-0.1%
59.3%	57.6	57.6	0.0	0.0%
60.5%	57.6	57.6	0.0	0.0%
61.7%	57.6	57.6	0.0	0.1%
63.0%	57.5	57.6	0.0	0.1%
64.2%	57.3	57.6	0.2	0.4%
65.4%	57.3	57.5	0.2	0.4%
66.7%	57.3	57.4	0.2	0.3%
67.9%	57.2	57.4	0.2	0.3%
69.1%	57.2	57.2	0.0	0.0%
70.4%	57.2	57.2	0.0	0.0%
71.6%	57.0	57.0	-0.1	-0.1%
72.8%	57.0	56.9	-0.1	-0.2%
74.1%	56.9	56.9	0.0	0.0%
75.3%	56.8	56.8	0.0	0.0%
76.5%	56.7	56.8	0.0	0.0%
77.8%	56.7	56.7	0.0	0.0%
79.0%	56.6	56.6	0.0	0.0%
80.2%	56.4	56.6	0.2	0.3%
81.5%	56.4	56.6	0.2	0.3%
82.7%	56.4	56.5	0.1	0.2%
84.0%	56.3	56.5	0.1	0.2%
85.2%	56.3	56.4	0.1	0.2%
86.4%	56.3	56.4	0.1	0.2%
87.7%	56.2	56.3	0.1	0.1%
88.9%	56.0	56.1	0.1	0.2%
90.1%	55.8	56.1	0.2	0.4%
91.4%	55.8	56.1	0.3	0.5%
92.6%	55.8	56.1	0.3	0.5%
93.8%	55.8	56.1	0.3	0.5%
95.1%	55.8	56.0	0.2	0.3%
96.3%	55.8	55.8	0.1	0.1%
97.5%	55.8	55.7	-0.1	-0.1%
98.8%	55.7	55.7	0.0	0.0%
100.0%	55.3	55.4	0.1	0.3%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	70.1	70.2	0.1	0.1%
1.2%	67.9	65.7	-2.2	-3.2%
2.5%	67.4	65.5	-2.0	-2.9%
3.7%	65.5	64.1	-1.4	-2.1%
4.9%	64.1	61.8	-2.3	-3.6%
6.2%	63.3	61.2	-2.1	-3.4%
7.4%	62.5	60.7	-1.8	-2.9%
8.6%	62.0	60.5	-1.5	-2.5%
9.9%	61.7	60.4	-1.3	-2.1%
11.1%	61.7	60.4	-1.3	-2.2%
12.3%	61.4	60.3	-1.1	-1.8%
13.6%	61.0	59.9	-1.0	-1.7%
14.8%	60.9	59.9	-1.0	-1.6%
16.0%	60.8	59.8	-1.0	-1.7%
17.3%	60.5	59.8	-0.7	-1.2%
18.5%	60.5	59.8	-0.7	-1.1%
19.8%	60.4	59.5	-1.0	-1.6%
21.0%	60.4	59.4	-1.0	-1.6%
22.2%	60.3	59.4	-0.9	-1.5%
23.5%	60.2	59.3	-0.9	-1.5%
24.7%	60.1	59.3	-0.8	-1.4%
25.9%	59.8	59.0	-0.9	-1.4%
27.2%	59.8	58.9	-0.9	-1.4%
28.4%	59.7	58.9	-0.8	-1.3%
29.6%	59.6	58.9	-0.8	-1.3%
30.9%	59.6	58.7	-0.9	-1.5%
32.1%	59.5	58.7	-0.8	-1.3%
33.3%	59.5	58.7	-0.8	-1.3%
34.6%	59.4	58.6	-0.7	-1.2%
35.8%	59.1	58.6	-0.4	-0.8%
37.0%	58.9	58.6	-0.4	-0.6%
38.3%	58.9	58.5	-0.4	-0.7%
39.5%	58.9	58.5	-0.3	-0.6%
40.7%	58.8	58.5	-0.3	-0.6%
42.0%	58.8	58.5	-0.3	-0.5%
43.2%	58.8	58.4	-0.4	-0.6%
44.4%	58.7	58.4	-0.3	-0.5%
45.7%	58.7	58.3	-0.4	-0.6%
46.9%	58.7	58.2	-0.5	-0.8%
48.1%	58.6	58.1	-0.4	-0.7%
49.4%	58.5	58.1	-0.4	-0.7%
50.6%	58.4	58.0	-0.4	-0.7%
51.9%	58.4	58.0	-0.4	-0.6%
53.1%	58.4	58.0	-0.4	-0.6%
54.3%	58.2	57.9	-0.2	-0.4%
55.6%	58.1	57.9	-0.2	-0.3%
56.8%	58.1	57.9	-0.2	-0.3%
58.0%	58.0	57.8	-0.2	-0.3%
59.3%	58.0	57.8	-0.2	-0.3%
60.5%	57.9	57.8	-0.1	-0.2%
61.7%	57.9	57.8	-0.1	-0.2%
63.0%	57.8	57.8	-0.1	-0.1%
64.2%	57.8	57.7	-0.1	-0.2%
65.4%	57.8	57.7	-0.2	-0.3%
66.7%	57.8	57.7	-0.1	-0.2%
67.9%	57.7	57.6	-0.1	-0.1%
69.1%	57.7	57.6	-0.1	-0.2%
70.4%	57.7	57.6	-0.2	-0.3%
71.6%	57.6	57.5	-0.1	-0.2%
72.8%	57.5	57.5	0.0	-0.1%
74.1%	57.5	57.3	-0.3	-0.5%
75.3%	57.2	57.1	-0.2	-0.3%
76.5%	57.2	56.9	-0.3	-0.5%
77.8%	57.2	56.9	-0.3	-0.4%
79.0%	57.1	56.9	-0.3	-0.5%
80.2%	57.0	56.8	-0.1	-0.3%
81.5%	56.9	56.7	-0.2	-0.4%
82.7%	56.4	56.5	0.1	0.1%
84.0%	56.4	56.4	0.1	0.1%
85.2%	56.3	56.4	0.1	0.2%
86.4%	56.3	56.3	0.0	0.1%
87.7%	56.3	56.2	-0.1	-0.1%
88.9%	56.3	56.2	-0.1	-0.1%
90.1%	56.2	56.1	-0.1	-0.2%
91.4%	56.2	56.0	-0.1	-0.2%
92.6%	56.2	56.0	-0.1	-0.2%
93.8%	56.1	56.0	-0.1	-0.1%
95.1%	56.1	56.0	-0.1	-0.2%
96.3%	55.8	55.9	0.1	0.2%
97.5%	55.8	55.9	0.2	0.3%
98.8%	55.7	55.7	-0.1	-0.1%
100.0%	55.6	55.5	-0.1	-0.1%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	70.8	70.8	0.0	0.0%
1.2%	70.2	68.7	-1.5	-2.2%
2.5%	69.7	67.7	-1.9	-2.8%
3.7%	68.4	66.6	-1.8	-2.7%
4.9%	66.1	63.4	-2.7	-4.1%
6.2%	64.9	62.0	-2.9	-4.5%
7.4%	63.8	61.7	-2.1	-3.3%
8.6%	63.6	61.4	-2.2	-3.4%
9.9%	62.5	61.3	-1.2	-1.9%
11.1%	62.4	61.3	-1.2	-1.9%
12.3%	62.1	61.2	-0.9	-1.4%
13.6%	61.9	61.0	-1.0	-1.6%
14.8%	61.9	60.7	-1.2	-2.0%
16.0%	61.9	60.3	-1.5	-2.5%
17.3%	61.5	60.1	-1.4	-2.3%
18.5%	61.4	60.0	-1.4	-2.2%
19.8%	61.3	60.0	-1.3	-2.1%
21.0%	60.8	59.9	-0.9	-1.5%
22.2%	60.8	59.6	-1.2	-1.9%
23.5%	60.8	59.6	-1.2	-2.0%
24.7%	60.8	59.5	-1.2	-2.0%
25.9%	60.7	59.5	-1.3	-2.1%
27.2%	60.7	59.2	-1.4	-2.4%
28.4%	60.5	59.2	-1.3	-2.2%
29.6%	60.3	59.2	-1.1	-1.8%
30.9%	60.3	59.1	-1.2	-1.9%
32.1%	60.2	59.1	-1.1	-1.8%
33.3%	60.2	59.1	-1.1	-1.8%
34.6%	60.0	59.1	-0.9	-1.6%
35.8%	59.9	59.0	-0.9	-1.4%
37.0%	59.9	59.0	-0.8	-1.4%
38.3%	59.7	59.0	-0.7	-1.2%
39.5%	59.7	59.0	-0.7	-1.2%
40.7%	59.5	58.9	-0.6	-1.0%
42.0%	59.5	58.8	-0.6	-1.1%
43.2%	59.3	58.8	-0.4	-0.8%
44.4%	59.2	58.8	-0.4	-0.7%
45.7%	59.1	58.7	-0.4	-0.7%
46.9%	59.0	58.7	-0.3	-0.5%
48.1%	59.0	58.7	-0.3	-0.5%
49.4%	58.9	58.6	-0.3	-0.5%
50.6%	58.9	58.6	-0.3	-0.6%
51.9%	58.8	58.5	-0.3	-0.4%
53.1%	58.7	58.4	-0.3	-0.5%
54.3%	58.7	58.4	-0.3	-0.4%
55.6%	58.6	58.2	-0.4	-0.7%
56.8%	58.6	58.2	-0.3	-0.6%
58.0%	58.5	58.2	-0.3	-0.5%
59.3%	58.4	58.2	-0.2	-0.4%
60.5%	58.4	58.2	-0.2	-0.4%
61.7%	58.3	58.1	-0.1	-0.2%
63.0%	58.3	58.1	-0.2	-0.3%
64.2%	58.2	58.0	-0.2	-0.3%
65.4%	58.2	57.9	-0.3	-0.5%
66.7%	58.1	57.9	-0.3	-0.5%
67.9%	58.0	57.8	-0.2	-0.4%
69.1%	58.0	57.7	-0.3	-0.5%
70.4%	58.0	57.6	-0.3	-0.6%
71.6%	57.8	57.6	-0.3	-0.5%
72.8%	57.8	57.5	-0.3	-0.6%
74.1%	57.8	57.5	-0.3	-0.6%
75.3%	57.6	57.3	-0.3	-0.5%
76.5%	57.4	57.2	-0.2	-0.3%
77.8%	57.1	57.2	0.0	0.0%
79.0%	57.1	57.0	-0.1	-0.2%
80.2%	57.0	56.8	-0.2	-0.4%
81.5%	57.0	56.8	-0.2	-0.4%
82.7%	57.0	56.8	-0.2	-0.3%
84.0%	56.9	56.7	-0.1	-0.2%
85.2%	56.6	56.7	0.0	0.1%
86.4%	56.6	56.5	-0.1	-0.1%
87.7%	56.6	56.5	-0.1	-0.2%
88.9%	56.5	56.2	-0.3	-0.5%
90.1%	56.3	56.2	-0.1	-0.2%
91.4%	56.3	56.2	-0.1	-0.2%
92.6%	56.3	56.1	-0.2	-0.3%
93.8%	56.2	56.0	-0.2	-0.4%
95.1%	56.2	55.9	-0.3	-0.5%
96.3%	56.0	55.8	-0.2	-0.3%
97.5%	56.0	55.7	-0.3	-0.5%
98.8%	55.8	55.6	-0.2	-0.3%
100.0%	55.6	54.8	-0.7	-1.3%

Figure SQ7-1b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

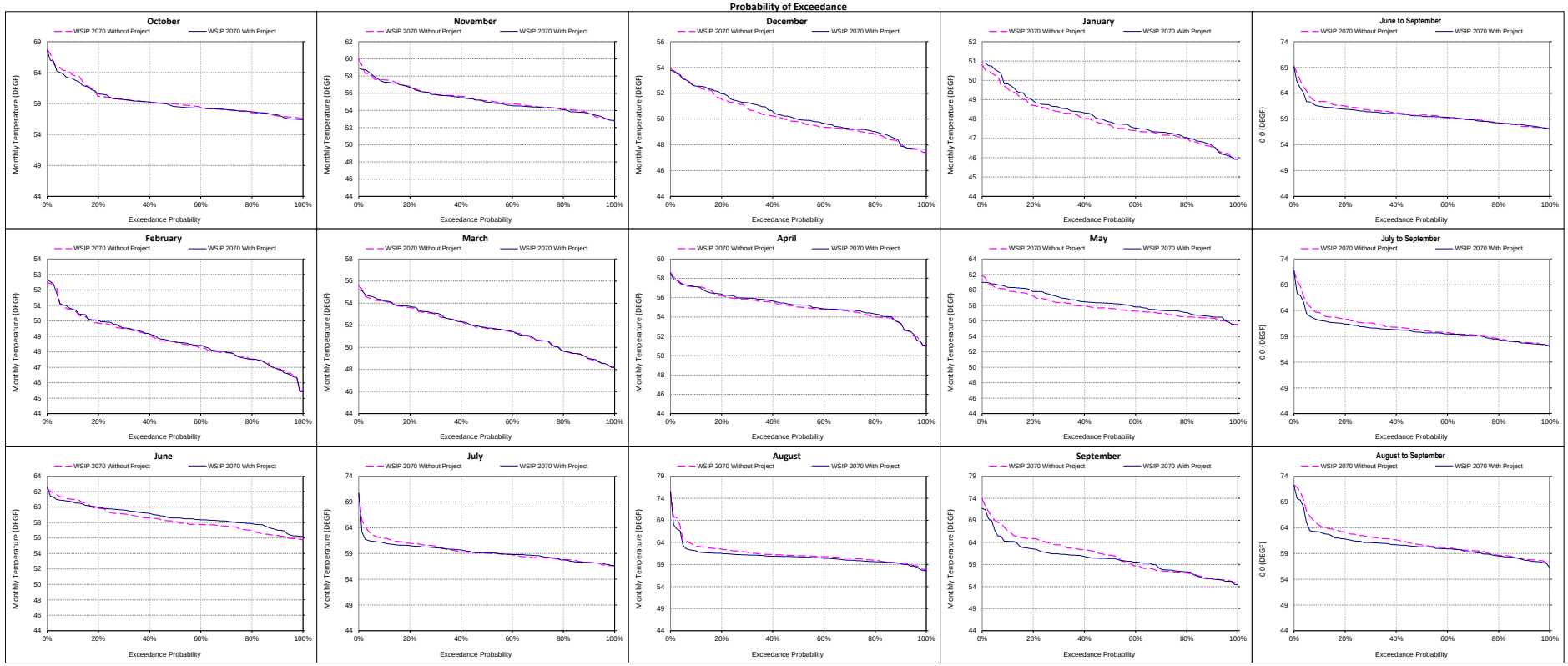


Table SQ7-1b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.7	67.6	-0.2	-0.2%
1.2%	67.0	66.0	-1.0	-1.5%
2.5%	65.4	65.9	0.4	0.7%
3.7%	64.9	64.3	-0.7	-1.0%
4.9%	64.8	64.0	-0.8	-1.3%
6.2%	64.3	63.8	-0.5	-0.8%
7.4%	64.3	63.3	-1.1	-1.7%
8.6%	64.1	63.2	-0.9	-1.4%
9.9%	63.6	63.1	-0.6	-0.9%
11.1%	63.4	62.7	-0.7	-1.2%
12.3%	63.4	62.6	-0.9	-1.4%
13.6%	62.7	62.0	-0.7	-1.2%
14.8%	62.0	61.8	-0.1	-0.2%
16.0%	61.8	61.7	-0.1	-0.2%
17.3%	61.4	61.3	-0.2	-0.3%
18.5%	61.1	61.1	0.0	0.0%
19.8%	60.2	60.6	0.4	0.6%
21.0%	60.1	60.5	0.4	0.6%
22.2%	60.1	60.5	0.4	0.6%
23.5%	60.0	60.3	0.3	0.5%
24.7%	60.0	59.9	-0.1	-0.2%
25.9%	60.0	59.8	-0.2	-0.3%
27.2%	59.8	59.8	-0.1	-0.1%
28.4%	59.8	59.7	-0.1	-0.1%
29.6%	59.7	59.7	0.0	-0.1%
30.9%	59.6	59.6	0.0	0.0%
32.1%	59.5	59.6	0.0	0.1%
33.3%	59.5	59.4	-0.1	-0.1%
34.6%	59.4	59.4	0.0	-0.1%
35.8%	59.4	59.4	0.0	0.0%
37.0%	59.3	59.4	0.0	0.0%
38.3%	59.3	59.3	0.0	0.0%
39.5%	59.3	59.3	0.0	0.0%
40.7%	59.2	59.1	-0.1	-0.2%
42.0%	59.1	59.1	0.0	0.0%
43.2%	59.1	59.1	0.0	0.0%
44.4%	59.1	59.0	-0.1	-0.1%
45.7%	59.1	59.0	-0.1	-0.1%
46.9%	59.0	58.9	0.0	-0.1%
48.1%	59.0	58.7	-0.3	-0.4%
49.4%	59.0	58.5	-0.4	-0.7%
50.6%	58.9	58.5	-0.4	-0.8%
51.9%	58.8	58.5	-0.3	-0.6%
53.1%	58.8	58.4	-0.4	-0.6%
54.3%	58.7	58.4	-0.4	-0.6%
55.6%	58.7	58.3	-0.4	-0.6%
56.8%	58.6	58.3	-0.3	-0.6%
58.0%	58.6	58.3	-0.3	-0.5%
59.3%	58.5	58.3	-0.2	-0.4%
60.5%	58.3	58.3	0.0	-0.1%
61.7%	58.2	58.3	0.1	0.2%
63.0%	58.2	58.2	0.0	0.1%
64.2%	58.1	58.2	0.1	0.1%
65.4%	58.1	58.1	0.0	0.0%
66.7%	58.1	58.1	0.0	0.0%
67.9%	58.1	58.1	0.0	0.0%
69.1%	58.0	58.1	0.1	0.1%
70.4%	58.0	58.0	0.0	0.0%
71.6%	58.0	58.0	0.0	0.1%
72.8%	57.9	57.9	-0.1	-0.1%
74.1%	57.9	57.9	-0.1	-0.1%
75.3%	57.8	57.8	0.1	0.1%
76.5%	57.8	57.8	0.0	0.1%
77.8%	57.7	57.8	0.1	0.1%
79.0%	57.6	57.7	0.1	0.2%
80.2%	57.5	57.7	0.1	0.3%
81.5%	57.5	57.6	0.1	0.2%
82.7%	57.5	57.5	0.1	0.1%
84.0%	57.5	57.5	0.0	0.1%
85.2%	57.4	57.5	0.0	0.1%
86.4%	57.4	57.4	0.0	0.0%
87.7%	57.2	57.3	0.1	0.2%
88.9%	57.1	57.2	0.1	0.2%
90.1%	57.0	57.2	0.2	0.3%
91.4%	56.9	57.0	0.0	0.0%
92.6%	56.9	56.7	-0.2	-0.3%
93.8%	56.8	56.6	-0.2	-0.4%
95.1%	56.8	56.5	-0.3	-0.5%
96.3%	56.8	56.5	-0.3	-0.5%
97.5%	56.7	56.5	-0.2	-0.4%
98.8%	56.6	56.4	-0.2	-0.3%
100.0%	56.6	56.4	0.0	-0.3%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.0	59.0	-1.0	-1.6%
1.2%	59.2	58.8	-0.5	-0.8%
2.5%	58.3	58.7	0.4	0.7%
3.7%	58.3	58.5	0.2	0.4%
4.9%	58.1	58.2	0.2	0.3%
6.2%	57.6	57.9	0.3	0.5%
7.4%	57.6	57.7	0.1	0.2%
8.6%	57.6	57.4	-0.1	-0.3%
9.9%	57.6	57.3	-0.3	-0.4%
11.1%	57.5	57.3	-0.2	-0.4%
12.3%	57.5	57.2	-0.3	-0.5%
13.6%	57.4	57.2	-0.2	-0.4%
14.8%	57.2	57.2	0.0	-0.1%
16.0%	57.2	57.0	-0.2	-0.4%
17.3%	56.9	56.9	0.0	0.0%
18.5%	56.9	56.8	-0.1	-0.1%
19.8%	56.8	56.7	-0.1	-0.2%
21.0%	56.6	56.6	0.0	0.1%
22.2%	56.5	56.4	-0.1	-0.2%
23.5%	56.4	56.3	-0.1	-0.1%
24.7%	56.2	56.2	0.0	0.0%
25.9%	56.1	56.1	0.0	0.1%
27.2%	56.1	56.1	0.0	0.0%
28.4%	56.0	55.9	-0.2	-0.3%
29.6%	55.9	55.9	0.0	-0.1%
30.9%	55.8	55.8	0.0	-0.1%
32.1%	55.8	55.7	0.0	-0.1%
33.3%	55.8	55.7	0.0	-0.1%
34.6%	55.7	55.7	-0.1	-0.1%
35.8%	55.7	55.7	-0.1	-0.1%
37.0%	55.7	55.6	-0.1	-0.2%
38.3%	55.7	55.6	-0.1	-0.2%
39.5%	55.6	55.5	-0.1	-0.2%
40.7%	55.6	55.5	-0.1	-0.2%
42.0%	55.6	55.4	-0.2	-0.4%
43.2%	55.4	55.4	-0.1	-0.1%
44.4%	55.4	55.4	0.0	0.0%
45.7%	55.2	55.2	0.0	0.0%
46.9%	55.2	55.2	0.0	0.0%
48.1%	55.2	55.2	0.0	0.0%
49.4%	55.1	55.0	-0.1	-0.2%
50.6%	55.1	55.0	-0.2	-0.3%
51.9%	55.1	54.9	-0.2	-0.3%
53.1%	55.0	54.8	-0.2	-0.3%
54.3%	55.0	54.8	-0.2	-0.3%
55.6%	54.9	54.8	-0.1	-0.2%
56.8%	54.9	54.7	-0.2	-0.3%
58.0%	54.8	54.6	-0.2	-0.4%
59.3%	54.8	54.6	-0.2	-0.4%
60.5%	54.8	54.5	-0.2	-0.4%
61.7%	54.7	54.5	-0.2	-0.4%
63.0%	54.7	54.5	-0.2	-0.4%
64.2%	54.7	54.5	-0.2	-0.4%
65.4%	54.5	54.5	-0.1	-0.2%
66.7%	54.5	54.4	-0.1	-0.2%
67.9%	54.5	54.4	-0.1	-0.1%
69.1%	54.5	54.4	-0.1	-0.2%
70.4%	54.4	54.4	0.0	-0.1%
71.6%	54.4	54.3	-0.1	-0.1%
72.8%	54.4	54.3	-0.1	-0.1%
74.1%	54.4	54.3	0.0	-0.1%
75.3%	54.3	54.3	0.0	0.0%
76.5%	54.3	54.3	0.0	0.0%
77.8%	54.3	54.3	0.0	-0.1%
79.0%	54.3	54.1	-0.1	-0.3%
80.2%	54.2	54.1	-0.1	-0.3%
81.5%	54.2	54.0	-0.2	-0.4%
82.7%	54.1	53.8	-0.2	-0.4%
84.0%	54.1	53.8	-0.2	-0.4%
85.2%	54.0	53.8	-0.2	-0.4%
86.4%	53.9	53.8	-0.2	-0.3%
87.7%	53.9	53.8	-0.1	-0.3%
88.9%	53.8	53.7	-0.1	-0.1%
90.1%	53.6	53.6	0.0	0.0%
91.4%	53.5	53.6	0.0	0.1%
92.6%	53.2	53.4	0.2	0.4%
93.8%	53.2	53.4	0.2	0.3%
95.1%	53.1	53.2	0.2	0.3%
96.3%	53.0	53.1	0.0	0.0%
97.5%	53.0	52.9	-0.1	-0.2%
98.8%	52.8	52.8	0.1	0.1%
100.0%	52.8	52.8	0.1	0.1%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.9	53.8	-0.1	-0.2%
1.2%	53.8	53.7	-0.1	-0.1%
2.5%	53.6	53.5	-0.1	-0.2%
3.7%	53.3	53.4	0.1	0.2%
4.9%	53.1	53.1	0.0	0.0%
6.2%	53.1	53.0	-0.1	-0.1%
7.4%	52.8	52.9	0.1	0.2%
8.6%	52.7	52.6	0.0	-0.1%
9.9%	52.5	52.6	0.0	0.1%
11.1%	52.5	52.5	0.0	0.1%
12.3%	52.4	52.5	0.2	0.4%
13.6%	52.3	52.5	0.2	0.4%
14.8%	52.3	52.3	0.1	0.1%
16.0%	52.2	52.3	0.1	0.2%
17.3%	51.8	52.2	0.4	0.8%
18.5%	51.7	52.2	0.5	0.9%
19.8%	51.6	52.0	0.4	0.7%
21.0%	51.4	51.9	0.5	1.0%
22.2%	51.4	51.8	0.4	0.8%
23.5%	51.3	51.6	0.3	0.5%
24.7%	51.3	51.5	0.2	0.4%
25.9%	51.2	51.4	0.2	0.3%
27.2%	51.1	51.3	0.2	0.4%
28.4%	51.1	51.3	0.2	0.3%
29.6%	50.9	51.3	0.4	0.8%
30.9%	50.7	51.2	0.5	1.1%
32.1%	50.7	51.2	0.5	1.0%
33.3%	50.6	51.1	0.5	1.0%
34.6%	50.5	51.1	0.5	1.1%
35.8%	50.4	51.0	0.6	1.2%
37.0%	50.3	51.0	0.6	1.3%
38.3%	50.3	50.7	0.4	0.8%
39.5%	50.3	50.7	0.4	0.8%
40.7%	50.2	50.4	0.2	0.4%
42.0%	50.1	50.4	0.2	0.4%
43.2%	50.1	50.3	0.2	0.4%
44.4%	50.0	50.2	0.2	0.5%
45.7%	49.9	50.2	0.3	0.6%
46.9%	49.8	50.2	0.3	0.7%
48.1%	49.8	50.1	0.3	0.5%
49.4%	49.8	50.0	0.2	0.4%
50.6%	49.7	49.9	0.2	0.4%
51.9%	49.7	49.9	0.2	0.4%
53.1%	49.6	49.9	0.3	0.7%
54.3%	49.6	49.9	0.3	0.7%
55.6%	49.5	49.8	0.3	0.6%
56.8%	49.5	49.8	0.3	0.6%
58.0%	49.4	49.8	0.4	0.8%
59.3%	49.4	49.7	0.3	0.7%
60.5%	49.4	49.6	0.3	0.6%
61.7%	49.4	49.6	0.2	0.4%
63.0%	49.3	49.6	0.2	0.5%
64.2%	49.3	49.4	0.1	0.2%
65.4%	49.3	49.4	0.1	0.2%
66.7%	49.3	49.4	0.1	0.2%
67.9%	49.2	49.3	0.1	0.2%
69.1%	49.2	49.3	0.1	0.2%
70.4%	49.2	49.2	0.1	0.1%
71.6%	49.2	49.2	0.1	0.2%
72.8%	49.1	49.2	0.1	0.1%
74.1%	49.0	49.2	0.2	0.3%
75.3%	49.0	49.2	0.2	0.4%
76.5%	48.9	49.1	0.2	0.5%
77.8%	48.9	49.1	0.2	0.4%
79.0%	48.9	49.1	0.2	0.3%
80.2%	48.8	49.0	0.2	0.5%
81.5%	48.7	48.9	0.2	0.4%
82.7%	48.7	48.8	0.1	0.3%
84.0%	48.5	48.8	0.3	0.6%
85.2%	48.4	48.7	0.3	0.6%
86.4%	48.4	48.6	0.2	0.5%
87.7%	48.4	48.5	0.1	0.3%
88.9%	48.3	48.4	0.1	0.2%
90.1%	48.1	47.9	-0.2	-0.4%
91.4%	47.8	47.8	0.0	0.0%
92.6%	47.7	47.7	0.0	0.0%
93.8%	47.7	47.7	0.1	0.2%
95.1%	47.7	47.7	0.0	0.1%
96.3%	47.6	47.7	0.0	0.1%
97.5%	47.6	47.7	0.1	0.2%
98.8%	47.4	47.7	0.3	0.5%
100.0%	47.4	47.7	0.3	0.5%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	50.8	50.9	0.1	0.2%
1.2%	50.5	50.9	0.4	0.7%
2.5%	50.5	50.8	0.3	0.6%
3.7%	50.4	50.7	0.3	0.7%
4.9%	50.3	50.6	0.3	0.6%
6.2%	50.3	50.5	0.2	0.4%
7.4%	49.7	50.4	0.6	1.3%
8.6%	49.7	49.8	0.1	0.2%
9.9%	49.6	49.8	0.2	0.5%
11.1%	49.4	49.7	0.3	0.6%
12.3%	49.4	49.6	0.2	0.5%
13.6%	49.3	49.4	0.1	0.3%
14.8%	49.1	49.4	0.3	0.5%
16.0%	49.0	49.4	0.3	0.7%
17.3%	49.0	49.1	0.1	0.3%
18.5%	48.7	49.1	0.4	0.7%
19.8%	48.7	49.0	0.2	0.5%
21.0%	48.7	48.8	0.2	0.3%
22.2%	48.6	48.8	0.2	0.4%
23.5%	48.6	48.8	0.1	0.3%
24.7%	48.6	48.8	0.2	0.4%
25.9%	48.5	48.7	0.2	0.5%
27.2%	48.5	48.7	0.2	0.4%
28.4%	48.4	48.6	0.2	0.5%
29.6%	48.4	48.6	0.2	0.5%
30.9%	48.4	48.5	0.2	0.4%
32.1%	48.3	48.5	0.2	0.5%
33.3%	48.3	48.5	0.2	0.5%
34.6%	48.3	48.4	0.1	0.3%
35.8%	48.3	48.4	0.1	0.3%
37.0%	48.2	48.4	0.2	0.3%
38.3%	48.1	48.4	0.3	0.5%
39.5%	48.1	48.3	0.3	0.5%
40.7%	48.0	48.3	0.3	0.6%
42.0%	48.0	48.3	0.3	0.6%
43.2%	47.9	48.2	0.3	0.6%
44.4%	47.9	48.1	0.2	0.4%
45.7%	47.8	48.0	0.2	0.4%
46.9%	47.8	48.0	0.2	0.5%
48.1%	47.8	47.9	0.2	0.3%
49.4%	47.7	47.9	0.1	0.3%
50.6%	47.6	47.8	0.2	0.4%
51.9%	47.5	47.8	0.2	0.5%
53.1%	47.5	47.7	0.2	0.5%
54.3%	47.5	47.7	0.2	0.5%
55.6%	47.5	47.7	0.2	0.5%
56.8%	47.5	47.7	0.3	0.5%
58.0%	47.4	47.6	0.2	0.4%
59.3%	47.4	47.5	0.1	0.3%
60.5%	47.4	47.5	0.1	0.3%
61.7%	47.3	47.5	0.1	0.3%
63.0%	47.3	47.5	0.1	0.3%
64.2%	47.3	47.5	0.1	0.3%
65.4%	47.3	47.4	0.1	0.2%
66.7%	47.3	47.3	0.0	0.0%
67.9%	47.3	47.3	0.1	0.2%
69.1%	47.2	47.3	0.1	0.2%
70.4%	47.2	47.3	0.1	0.3%
71.6%	47.2	47.3	0.1	0.3%
72.8%	47.2	47.3	0.1	0.2%
74.1%	47.2	47.3	0.1	0.2%
75.3%	47.1	47.2	0.1	0.2%
76.5%	47.1	47.2	0.1	0.3%
77.8%	47.1	47.1	0.1	0.2%
79.0%	47.0	47.1	0.0	0.0%
80.2%	47.0	47.0	0.0	0.1%
81.5%	46.8	47.0	0.1	0.3%
82.7%	46.8	47.0	0.1	0.3%
84.0%	46.8	46.9	0.1	0.1%
85.2%	46.7	46.8	0.1	0.3%
86.4%	46.7	46.8	0.1	0.2%
87.7%	46.6	46.7	0.1	0.3%
88.9%	46.6	46.7	0.1	0.2%
90.1%	46.5	46.6	0.1	0.1%
91.4%	46.4	46.5	0.1	0.1%
92.6%	46.3	46.3	-0.1	-0.1%
93.8%	46.3	46.2	-0.1	-0.2%
95.1%	46.2	46.2	-0.1	-0.2%
96.3%	46.2	46.1	-0.1	-0.3%
97.5%	46.0	46.0	0.1	0.1%
98.8%	45.9	45.9	0.0	0.0%
100.0%	45.9	45.9	0.0	0.0%

Table SQ7-1b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.5	52.7	0.2	0.4%
1.2%	52.4	52.5	0.1	0.2%
2.5%	52.3	52.4	0.1	0.2%
3.7%	52.2	51.8	-0.4	-0.8%
4.9%	51.1	51.1	0.1	0.1%
6.2%	50.9	51.0	0.1	0.2%
7.4%	50.8	51.0	0.2	0.3%
8.6%	50.7	50.8	0.1	0.1%
9.9%	50.7	50.8	0.1	0.1%
11.1%	50.6	50.7	0.1	0.1%
12.3%	50.4	50.4	0.1	0.2%
13.6%	50.3	50.4	0.1	0.2%
14.8%	50.3	50.4	0.1	0.3%
16.0%	50.1	50.1	0.0	0.0%
17.3%	50.1	50.1	0.0	0.0%
18.5%	49.9	50.1	0.2	0.4%
19.8%	49.9	50.1	0.2	0.4%
21.0%	49.8	49.9	0.1	0.2%
22.2%	49.8	49.9	0.1	0.3%
23.5%	49.8	49.9	0.1	0.2%
24.7%	49.7	49.9	0.2	0.3%
25.9%	49.7	49.8	0.1	0.1%
27.2%	49.6	49.8	0.2	0.4%
28.4%	49.5	49.6	0.1	0.2%
29.6%	49.5	49.5	0.1	0.1%
30.9%	49.5	49.5	0.0	0.1%
32.1%	49.5	49.5	0.0	0.1%
33.3%	49.4	49.5	0.1	0.2%
34.6%	49.3	49.4	0.1	0.1%
35.8%	49.3	49.4	0.1	0.1%
37.0%	49.2	49.3	0.1	0.2%
38.3%	49.2	49.2	0.0	0.0%
39.5%	49.0	49.2	0.1	0.3%
40.7%	49.0	49.1	0.1	0.2%
42.0%	48.9	49.1	0.2	0.3%
43.2%	48.7	48.9	0.2	0.3%
44.4%	48.7	48.8	0.1	0.2%
45.7%	48.7	48.8	0.1	0.2%
46.9%	48.7	48.7	0.1	0.1%
48.1%	48.7	48.7	0.0	0.1%
49.4%	48.7	48.7	0.0	0.1%
50.6%	48.6	48.6	0.0	0.0%
51.9%	48.6	48.6	0.0	0.1%
53.1%	48.5	48.6	0.1	0.2%
54.3%	48.5	48.6	0.1	0.2%
55.6%	48.4	48.5	0.1	0.1%
56.8%	48.4	48.5	0.1	0.2%
58.0%	48.4	48.4	0.0	0.1%
59.3%	48.3	48.4	0.1	0.3%
60.5%	48.2	48.4	0.2	0.3%
61.7%	48.2	48.3	0.1	0.2%
63.0%	48.1	48.3	0.2	0.4%
64.2%	48.0	48.1	0.1	0.1%
65.4%	48.0	48.1	0.1	0.1%
66.7%	48.0	48.1	0.1	0.1%
67.9%	48.0	48.0	0.1	0.2%
69.1%	48.0	48.0	0.1	0.1%
70.4%	47.9	48.0	0.0	0.0%
71.6%	47.9	47.9	0.0	0.0%
72.8%	47.9	47.9	0.0	-0.1%
74.1%	47.7	47.7	0.0	0.0%
75.3%	47.7	47.6	-0.1	-0.2%
76.5%	47.7	47.6	-0.1	-0.2%
77.8%	47.7	47.6	-0.1	-0.2%
79.0%	47.5	47.5	0.0	0.0%
80.2%	47.5	47.5	0.0	0.1%
81.5%	47.5	47.5	0.1	0.1%
82.7%	47.4	47.5	0.0	0.0%
84.0%	47.4	47.4	0.0	0.0%
85.2%	47.3	47.3	0.0	0.0%
86.4%	47.3	47.2	-0.1	-0.2%
87.7%	47.0	47.0	0.0	0.0%
88.9%	46.9	47.0	0.0	0.1%
90.1%	46.9	46.9	0.0	0.0%
91.4%	46.8	46.9	0.1	0.1%
92.6%	46.8	46.6	-0.2	-0.4%
93.8%	46.6	46.6	0.0	-0.1%
95.1%	46.6	46.5	-0.1	-0.3%
96.3%	46.4	46.4	0.0	-0.1%
97.5%	46.4	46.3	0.0	-0.1%
98.8%	45.5	45.4	-0.1	-0.1%
100.0%	45.5	45.4	-0.1	-0.1%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	55.6	55.2	-0.4	-0.7%
1.2%	55.3	55.1	-0.2	-0.3%
2.5%	54.6	54.8	0.2	0.3%
3.7%	54.5	54.7	0.2	0.3%
4.9%	54.4	54.6	0.2	0.4%
6.2%	54.3	54.5	0.3	0.5%
7.4%	54.3	54.4	0.1	0.2%
8.6%	54.2	54.3	0.1	0.2%
9.9%	54.2	54.2	0.0	0.0%
11.1%	54.1	54.2	0.1	0.1%
12.3%	54.1	54.1	0.0	0.0%
13.6%	54.0	53.9	-0.2	-0.3%
14.8%	53.8	53.8	0.1	0.1%
16.0%	53.7	53.8	0.0	0.1%
17.3%	53.7	53.7	0.0	0.0%
18.5%	53.6	53.7	0.1	0.2%
19.8%	53.6	53.7	0.1	0.2%
21.0%	53.6	53.7	0.1	0.2%
22.2%	53.5	53.6	0.1	0.1%
23.5%	53.2	53.3	0.1	0.2%
24.7%	53.2	53.3	0.1	0.1%
25.9%	53.2	53.2	0.1	0.2%
27.2%	53.1	53.2	0.1	0.2%
28.4%	53.1	53.1	0.0	0.1%
29.6%	53.0	53.1	0.1	0.2%
30.9%	53.0	53.1	0.1	0.2%
32.1%	52.7	53.0	0.3	0.5%
33.3%	52.7	52.7	0.0	0.0%
34.6%	52.7	52.6	-0.1	-0.1%
35.8%	52.6	52.6	0.0	0.0%
37.0%	52.5	52.5	0.0	0.1%
38.3%	52.4	52.4	0.0	0.0%
39.5%	52.4	52.3	-0.1	-0.1%
40.7%	52.3	52.3	0.0	0.1%
42.0%	52.1	52.3	0.2	0.4%
43.2%	52.0	52.1	0.1	0.2%
44.4%	52.0	52.0	0.0	0.0%
45.7%	51.8	52.0	0.1	0.3%
46.9%	51.8	51.9	0.1	0.2%
48.1%	51.8	51.8	0.0	0.1%
49.4%	51.8	51.8	0.1	0.1%
50.6%	51.7	51.7	0.1	0.1%
51.9%	51.7	51.7	0.1	0.2%
53.1%	51.7	51.7	0.0	0.1%
54.3%	51.6	51.6	0.0	0.0%
55.6%	51.6	51.6	0.0	0.0%
56.8%	51.6	51.6	0.0	0.0%
58.0%	51.5	51.6	0.1	0.1%
59.3%	51.4	51.5	0.0	0.1%
60.5%	51.3	51.4	0.1	0.2%
61.7%	51.3	51.3	0.0	0.0%
63.0%	51.3	51.1	-0.1	-0.3%
64.2%	51.1	51.1	0.0	0.0%
65.4%	51.0	51.1	0.0	0.1%
66.7%	51.0	51.1	0.1	0.1%
67.9%	50.8	50.9	0.1	0.3%
69.1%	50.6	50.7	0.1	0.2%
70.4%	50.6	50.6	0.0	0.1%
71.6%	50.6	50.6	0.0	0.1%
72.8%	50.5	50.6	0.0	0.1%
74.1%	50.5	50.6	0.0	0.1%
75.3%	50.2	50.3	0.1	0.1%
76.5%	50.1	50.1	-0.1	-0.1%
77.8%	50.1	50.1	0.0	0.0%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.7	49.6	0.0	-0.1%
81.5%	49.6	49.6	0.0	0.0%
82.7%	49.5	49.5	0.1	0.1%
84.0%	49.4	49.5	0.0	0.0%
85.2%	49.4	49.4	0.0	0.1%
86.4%	49.4	49.4	0.0	0.0%
87.7%	49.3	49.3	0.0	-0.1%
88.9%	49.0	49.1	0.1	0.3%
90.1%	49.0	49.0	0.0	0.0%
91.4%	48.8	49.0	0.1	0.2%
92.6%	48.8	48.9	0.1	0.2%
93.8%	48.7	48.7	0.0	-0.1%
95.1%	48.6	48.6	0.0	0.0%
96.3%	48.5	48.5	0.0	0.0%
97.5%	48.4	48.4	0.0	0.0%
98.8%	48.2	48.2	0.0	0.0%
100.0%	48.2	48.2	0.0	0.0%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	58.7	58.5	-0.1	-0.2%
1.2%	58.1	57.9	-0.2	-0.3%
2.5%	58.0	57.8	-0.3	-0.4%
3.7%	57.6	57.5	-0.1	-0.2%
4.9%	57.4	57.4	0.0	-0.1%
6.2%	57.2	57.3	0.1	0.2%
7.4%	57.2	57.3	0.1	0.1%
8.6%	57.1	57.2	0.1	0.1%
9.9%	57.1	57.1	0.0	0.0%
11.1%	57.1	57.1	0.0	0.0%
12.3%	57.1	56.9	-0.2	-0.3%
13.6%	57.0	56.7	-0.3	-0.5%
14.8%	56.9	56.6	-0.3	-0.5%
16.0%	56.7	56.5	-0.2	-0.4%
17.3%	56.4	56.5	0.1	0.2%
18.5%	56.2	56.4	0.2	0.3%
19.8%	56.2	56.4	0.2	0.3%
21.0%	56.1	56.3	0.1	0.2%
22.2%	56.1	56.3	0.2	0.3%
23.5%	56.0	56.2	0.3	0.5%
24.7%	55.9	56.2	0.3	0.5%
25.9%	55.9	56.0	0.1	0.2%
27.2%	55.9	56.0	0.1	0.2%
28.4%	55.9	56.0	0.1	0.2%
29.6%	55.8	55.9	0.1	0.2%
30.9%	55.8	55.9	0.2	0.3%
32.1%	55.8	55.9	0.2	0.3%
33.3%	55.7	55.9	0.2	0.3%
34.6%	55.6	55.8	0.2	0.4%
35.8%	55.6	55.8	0.2	0.4%
37.0%	55.6	55.8	0.2	0.3%
38.3%	55.6	55.7	0.2	0.3%
39.5%	55.5	55.7	0.1	0.2%
40.7%	55.5	55.6	0.1	0.2%
42.0%	55.3	55.5	0.2	0.4%
43.2%	55.3	55.5	0.2	0.3%
44.4%	55.3	55.4	0.2	0.3%
45.7%	55.2	55.4	0.2	0.3%
46.9%	55.2	55.3	0.1	0.3%
48.1%	55.1	55.3	0.1	0.2%
49.4%	55.0	55.3	0.2	0.4%
50.6%	55.0	55.2	0.2	0.4%
51.9%	55.0	55.2	0.2	0.4%
53.1%	55.0	55.2	0.2	0.5%
54.3%	54.9	55.2	0.3	0.5%
55.6%	54.9	55.0	0.1	0.2%
56.8%	54.8	55.0	0.1	0.3%
58.0%	54.8	54.9	0.1	0.2%
59.3%	54.8	54.9	0.1	0.2%
60.5%	54.8	54.8	0.1	0.1%
61.7%	54.8	54.8	0.1	0.1%
63.0%	54.8	54.8	0.0	0.1%
64.2%	54.7	54.8	0.1	0.1%
65.4%	54.7	54.8	0.0	0.1%
66.7%	54.7	54.8	0.0	0.1%
67.9%	54.7	54.7	0.1	0.1%
69.1%	54.6	54.7	0.1	0.2%
70.4%	54.5	54.7	0.2	0.4%
71.6%	54.5	54.7	0.2	0.3%
72.8%	54.5	54.6	0.1	0.3%
74.1%	54.4	54.6	0.2	0.4%
75.3%	54.2	54.5	0.3	0.5%
76.5%	54.2	54.4	0.2	0.3%
77.8%	54.1	54.4	0.3	0.5%
79.0%	54.0	54.4	0.4	0.7%
80.2%	54.0	54.3	0.3	0.5%
81.5%	54.0	54.3	0.3	0.5%
82.7%	53.9	54.1	0.1	0.2%
84.0%	53.9	54.0	0.1	0.2%
85.2%	53.9	54.0	0.1	0.2%
86.4%	53.9	54.0	0.1	0.3%
87.7%	53.6	53.6	0.0	0.0%
88.9%	53.5	53.5	-0.1	-0.1%
90.1%	53.3	53.3	0.0	0.0%
91.4%	52.6	52.7	0.1	0.2%
92.6%	52.6	52.6	0.0	0.0%
93.8%	52.4	52.5	0.1	0.2%
95.1%	52.0	52.2	0.2	0.4%
96.3%	51.9	51.6	-0.3	-0.7%
97.5%	51.6	51.5	-0.1	-0.2%
98.8%	51.0	51.1	0.1	0.1%
100.0%	51.0	51.1	0.1	0.1%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	61.9	61.0	-0.9	-1.4%
1.2%	61.6	61.0	-0.6	-1.0%
2.5%	60.7	60.9	0.2	0.4%
3.7%	60.7	60.8	0.1	0.2%
4.9%	60.3	60.8	0.4	0.7%
6.2%	60.2	60.6	0.4	0.7%
7.4%	60.2	60.6	0.4	0.7%
8.6%	60.1	60.5	0.4	0.6%
9.9%	59.8	60.3	0.5	0.8%
11.1%	59.8	60.3	0.5	0.8%
12.3%	59.8	60.3	0.5	0.9%
13.6%	59.7	60.3	0.6	0.9%
14.8%	59.7	60.2	0.5	0.9%
16.0%	59.6	60.2	0.6	0.9%
17.3%	59.6	60.2	0.6	1.0%
18.5%	59.3	60.0	0.7	1.2%
19.8%	59.3	59.8	0.5	0.9%
21.0%	59.0	59.8	0.8	1.4%
22.2%	58.9	59.8	0.9	1.5%
23.5%	58.9	59.8	0.9	1.5%
24.7%	58.8	59.6	0.7	1.2%
25.9%	58.7	59.5	0.8	1.4%
27.2%	58.6	59.4	0.8	1.3%
28.4%	58.4	59.2	0.8	1.4%
29.6%	58.4	59.1	0.7	1.3%
30.9%	58.4	59.0	0.6	1.0%
32.1%	58.4	58.9	0.5	0.9%
33.3%	58.3	58.9	0.6	1.0%
34.6%	58.2	58.7	0.5	0.8%
35.8%	58.0	58.7	0.7	1.2%
37.0%	58.0	58.7	0.7	1.2%
38.3%	57.9	58.5	0.6	1.0%
39.5%	57.9	58.5	0.6	1.0%
40.7%	57.9	58.4	0.5	0.9%
42.0%	57.8	58.4	0.6	1.1%
43.2%	57.8	58.4	0.6	1.1%
44.4%	57.7	58.4	0.7	1.2%
45.7%	57.7	58.3	0.6	1.1%
46.9%	57.7	58.3	0.6	1.1%
48.1%	57.7	58.3	0.6	1.1%
49.4%	57.6	58.3	0.6	1.1%
50.6%	57.6	58.3	0.7	1.2%
51.9%	57.6	58.2	0.6	1.1%
53.1%	57.4	58.2	0.7	1.3%
54.3%	57.4	58.1	0.7	1.3%
55.6%	57.4	58.1	0.7	1.3%
56.8%	57.3	58.0	0.7	1.2%
58.0%	57.3	58.0	0.7	1.2%
59.3%	57.3	57.8	0.6	1.0%
60.5%	57.3	57.8	0.5	0.9%
61.7%	57.2	57.8	0.5	1.0%
63.0%	57.2	57.7	0.5	0.8%
64.2%	57.1	57.6	0.5	0.9%
65.4%	57.1	57.5	0.3	0.6%
66.7%	57.1	57.5	0.4	0.6%
67.9%	57.1	57.5	0.4	0.7%
69.1%	57.0	57.4	0.4	0.7%
70.4%	57.0	57.3	0.4	0.7%
71.6%	57.0	57.3	0.4	0.6%
72.8%	56.8	57.3	0.5	0.9%
74.1%	56.8	57.3	0.5	0.9%
75.3%	56.8	57.3	0.5	0.9%
76.5%	56.6	57.3	0.7	1.2%
77.8%	56.6	57.2	0.6	1.1%
79.0%	56.5	57.1	0.6	1.1%
80.2%	56.5	57.1	0.6	1.0%
81.5%	56.5	56.9	0.4	0.7%
82.7%	56.5	56.8	0.3	0.5%
84.0%	56.5	56.7	0.3	0.5%
85.2%	56.4	56.7	0.3	0.5%
86.4%	56.4	56.7	0.3	0.4%
87.7%	56.4	56.6	0.2	0.4%
88.9%	56.4	56.6	0.2	0.4%
90.1%	56.4	56.5	0.1	0.3%
91.4%	56.3	56.5	0.2	0.3%
92.6%	56.0	56.5	0.5	0.8%
93.8%	56.0	56.5	0.5	0.8%
95.1%	56.0	56.0	0.0	0.0%
96.3%	55.8	55.8	0.0	0.1%
97.5%	55.5	55.6	0.1	0.2%
98.8%	55.5	55.5	0.0	0.0%
100.0%	55.5	55.5	0.0	0.0%

Table SQ7-1b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	62.4	62.6	0.2	0.3%
1.2%	62.0	61.4	-0.6	-1.0%
2.5%	61.8	61.3	-0.5	-0.9%
3.7%	61.6	61.0	-0.6	-1.0%
4.9%	61.4	60.9	-0.4	-0.7%
6.2%	61.3	60.9	-0.4	-0.7%
7.4%	61.1	60.8	-0.3	-0.5%
8.6%	61.1	60.8	-0.3	-0.5%
9.9%	61.0	60.7	-0.3	-0.5%
11.1%	61.0	60.5	-0.4	-0.7%
12.3%	60.9	60.5	-0.4	-0.6%
13.6%	60.6	60.4	-0.2	-0.3%
14.8%	60.6	60.2	-0.3	-0.5%
16.0%	60.4	60.2	-0.2	-0.4%
17.3%	60.0	60.1	0.1	0.2%
18.5%	59.9	60.1	0.2	0.3%
19.8%	59.9	60.0	0.1	0.2%
21.0%	59.8	59.9	0.1	0.2%
22.2%	59.8	59.9	0.1	0.1%
23.5%	59.4	59.8	0.4	0.7%
24.7%	59.3	59.8	0.5	0.8%
25.9%	59.2	59.7	0.5	0.9%
27.2%	59.2	59.7	0.5	0.9%
28.4%	59.2	59.7	0.5	0.8%
29.6%	59.1	59.6	0.5	0.8%
30.9%	59.1	59.6	0.5	0.8%
32.1%	59.0	59.5	0.5	0.9%
33.3%	58.9	59.5	0.5	0.9%
34.6%	58.8	59.4	0.6	1.0%
35.8%	58.7	59.3	0.6	1.0%
37.0%	58.7	59.3	0.6	1.1%
38.3%	58.6	59.3	0.6	1.1%
39.5%	58.6	59.2	0.6	1.1%
40.7%	58.6	59.1	0.5	0.9%
42.0%	58.5	59.0	0.5	0.8%
43.2%	58.5	59.0	0.4	0.8%
44.4%	58.3	58.9	0.5	0.9%
45.7%	58.3	58.8	0.6	1.0%
46.9%	58.2	58.7	0.5	0.8%
48.1%	58.2	58.6	0.4	0.7%
49.4%	58.2	58.6	0.4	0.7%
50.6%	58.1	58.6	0.5	0.8%
51.9%	57.9	58.6	0.7	1.1%
53.1%	57.9	58.5	0.6	1.0%
54.3%	57.9	58.5	0.6	1.0%
55.6%	57.8	58.5	0.7	1.3%
56.8%	57.8	58.5	0.7	1.2%
58.0%	57.8	58.4	0.6	1.1%
59.3%	57.8	58.4	0.6	1.1%
60.5%	57.7	58.3	0.6	1.0%
61.7%	57.7	58.3	0.6	1.1%
63.0%	57.7	58.3	0.6	1.0%
64.2%	57.7	58.3	0.6	1.0%
65.4%	57.7	58.3	0.6	1.0%
66.7%	57.6	58.2	0.6	1.1%
67.9%	57.6	58.2	0.7	1.1%
69.1%	57.6	58.2	0.6	1.1%
70.4%	57.5	58.2	0.6	1.1%
71.6%	57.5	58.1	0.7	1.1%
72.8%	57.4	58.1	0.6	1.1%
74.1%	57.4	58.0	0.6	1.1%
75.3%	57.1	58.0	0.8	1.5%
76.5%	57.1	58.0	0.8	1.5%
77.8%	57.1	57.9	0.9	1.5%
79.0%	57.0	57.9	0.9	1.5%
80.2%	56.9	57.8	0.9	1.6%
81.5%	56.8	57.8	1.0	1.8%
82.7%	56.7	57.7	1.1	1.9%
84.0%	56.6	57.7	1.2	2.1%
85.2%	56.5	57.5	1.1	1.9%
86.4%	56.5	57.4	0.9	1.6%
87.7%	56.4	57.3	0.9	1.5%
88.9%	56.3	57.1	0.8	1.4%
90.1%	56.3	57.0	0.7	1.2%
91.4%	56.2	57.0	0.8	1.4%
92.6%	56.2	56.9	0.7	1.3%
93.8%	56.0	56.5	0.5	1.0%
95.1%	55.9	56.4	0.4	0.8%
96.3%	55.9	56.3	0.4	0.7%
97.5%	55.9	56.3	0.4	0.7%
98.8%	55.8	56.2	0.4	0.7%
100.0%	55.8	56.2	0.4	0.7%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	70.6	70.7	0.1	0.2%
1.2%	65.5	63.1	-2.3	-3.6%
2.5%	64.2	61.8	-2.5	-3.9%
3.7%	63.4	61.6	-1.8	-2.8%
4.9%	62.8	61.4	-1.4	-2.2%
6.2%	62.4	61.3	-1.1	-1.7%
7.4%	62.2	61.2	-0.9	-1.5%
8.6%	62.1	61.2	-0.8	-1.3%
9.9%	62.0	61.0	-1.0	-1.5%
11.1%	61.9	60.9	-1.0	-1.6%
12.3%	61.7	60.8	-0.9	-1.4%
13.6%	61.4	60.8	-0.6	-1.0%
14.8%	61.4	60.6	-0.7	-1.2%
16.0%	61.3	60.6	-0.7	-1.1%
17.3%	61.3	60.6	-0.7	-1.1%
18.5%	61.0	60.6	-0.4	-0.7%
19.8%	61.0	60.5	-0.5	-0.8%
21.0%	60.9	60.5	-0.5	-0.8%
22.2%	60.9	60.4	-0.5	-0.9%
23.5%	60.8	60.4	-0.5	-0.8%
24.7%	60.7	60.3	-0.4	-0.7%
25.9%	60.6	60.2	-0.4	-0.7%
27.2%	60.6	60.2	-0.4	-0.6%
28.4%	60.5	60.2	-0.3	-0.6%
29.6%	60.5	60.2	-0.3	-0.5%
30.9%	60.4	60.1	-0.3	-0.5%
32.1%	60.1	60.0	-0.1	-0.1%
33.3%	60.0	59.9	-0.1	-0.1%
34.6%	59.7	59.9	0.2	0.3%
35.8%	59.7	59.8	0.1	0.2%
37.0%	59.6	59.8	0.2	0.4%
38.3%	59.5	59.7	0.3	0.5%
39.5%	59.5	59.7	0.3	0.5%
40.7%	59.3	59.6	0.4	0.6%
42.0%	59.2	59.5	0.2	0.4%
43.2%	59.2	59.4	0.2	0.3%
44.4%	59.2	59.2	0.1	0.1%
45.7%	59.2	59.2	0.1	0.1%
46.9%	59.1	59.2	0.0	0.1%
48.1%	59.1	59.1	0.0	0.1%
49.4%	59.1	59.1	0.1	0.1%
50.6%	59.1	59.1	0.1	0.1%
51.9%	59.0	59.1	0.1	0.2%
53.1%	59.0	59.1	0.1	0.2%
54.3%	59.0	59.0	0.0	0.1%
55.6%	58.9	59.0	0.1	0.2%
56.8%	58.8	58.9	0.1	0.1%
58.0%	58.8	58.8	0.0	0.0%
59.3%	58.8	58.8	0.0	0.1%
60.5%	58.7	58.8	0.1	0.2%
61.7%	58.7	58.8	0.1	0.2%
63.0%	58.5	58.8	0.3	0.5%
64.2%	58.4	58.8	0.4	0.7%
65.4%	58.3	58.7	0.4	0.7%
66.7%	58.3	58.7	0.4	0.7%
67.9%	58.2	58.6	0.4	0.7%
69.1%	58.2	58.6	0.4	0.7%
70.4%	58.2	58.6	0.4	0.7%
71.6%	58.2	58.4	0.3	0.4%
72.8%	58.1	58.3	0.1	0.2%
74.1%	58.1	58.3	0.1	0.2%
75.3%	58.1	58.2	0.1	0.1%
76.5%	58.0	58.1	0.2	0.3%
77.8%	57.9	58.0	0.1	0.2%
79.0%	57.8	57.8	-0.1	-0.1%
80.2%	57.8	57.8	0.0	-0.1%
81.5%	57.8	57.7	-0.1	-0.2%
82.7%	57.8	57.5	-0.3	-0.5%
84.0%	57.7	57.4	-0.3	-0.5%
85.2%	57.6	57.4	-0.2	-0.4%
86.4%	57.4	57.3	-0.1	-0.2%
87.7%	57.4	57.3	-0.1	-0.1%
88.9%	57.3	57.3	0.0	-0.1%
90.1%	57.3	57.2	-0.1	-0.2%
91.4%	57.2	57.2	-0.1	-0.2%
92.6%	57.2	57.2	-0.1	-0.1%
93.8%	57.2	57.1	0.0	0.0%
95.1%	56.8	57.1	0.3	0.6%
96.3%	56.8	56.9	0.2	0.3%
97.5%	56.7	56.9	0.2	0.4%
98.8%	56.6	56.7	0.0	0.1%
100.0%	56.6	56.7	0.0	0.1%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	75.6	75.6	0.0	0.0%
1.2%	69.7	68.0	-1.8	-2.5%
2.5%	69.7	67.0	-2.6	-3.8%
3.7%	67.9	66.6	-1.3	-1.9%
4.9%	64.5	63.3	-1.1	-1.8%
6.2%	64.3	62.6	-1.7	-2.6%
7.4%	63.9	62.3	-1.6	-2.5%
8.6%	63.6	62.2	-1.4	-2.1%
9.9%	63.1	62.1	-1.0	-1.6%
11.1%	63.1	61.8	-1.3	-2.1%
12.3%	62.9	61.7	-1.2	-1.9%
13.6%	62.9	61.7	-1.2	-1.9%
14.8%	62.8	61.6	-1.2	-1.9%
16.0%	62.7	61.6	-1.1	-1.8%
17.3%	62.6	61.6	-1.0	-1.7%
18.5%	62.5	61.5	-1.0	-1.6%
19.8%	62.5	61.5	-1.0	-1.6%
21.0%	62.4	61.4	-0.9	-1.5%
22.2%	62.3	61.4	-0.9	-1.5%
23.5%	62.2	61.4	-0.8	-1.3%
24.7%	62.1	61.3	-0.7	-1.2%
25.9%	62.1	61.2	-0.8	-1.3%
27.2%	62.0	61.2	-0.8	-1.2%
28.4%	61.9	61.2	-0.7	-1.1%
29.6%	61.9	61.2	-0.6	-1.0%
30.9%	61.6	61.2	-0.5	-0.7%
32.1%	61.5	61.1	-0.4	-0.7%
33.3%	61.5	61.1	-0.4	-0.7%
34.6%	61.4	61.1	-0.3	-0.5%
35.8%	61.3	61.1	-0.3	-0.5%
37.0%	61.3	60.9	-0.4	-0.6%
38.3%	61.3	60.9	-0.4	-0.6%
39.5%	61.3	60.9	-0.4	-0.6%
40.7%	61.2	60.9	-0.4	-0.6%
42.0%	61.2	60.9	-0.3	-0.6%
43.2%	61.2	60.8	-0.3	-0.6%
44.4%	61.1	60.8	-0.3	-0.5%
45.7%	61.1	60.8	-0.3	-0.4%
46.9%	61.1	60.8	-0.3	-0.5%
48.1%	61.0	60.8	-0.3	-0.4%
49.4%	61.0	60.8	-0.2	-0.4%
50.6%	61.0	60.7	-0.3	-0.5%
51.9%	61.0	60.7	-0.3	-0.5%
53.1%	61.0	60.6	-0.3	-0.5%
54.3%	60.9	60.6	-0.3	-0.5%
55.6%	60.9	60.6	-0.3	-0.5%
56.8%	60.9	60.6	-0.3	-0.5%
58.0%	60.8	60.5	-0.3	-0.5%
59.3%	60.8	60.5	-0.3	-0.5%
60.5%	60.8	60.4	-0.4	-0.6%
61.7%	60.8	60.4	-0.4	-0.6%
63.0%	60.8	60.4	-0.4	-0.7%
64.2%	60.7	60.3	-0.4	-0.7%
65.4%	60.7	60.2	-0.5	-0.8%
66.7%	60.5	60.1	-0.4	-0.6%
67.9%	60.5	60.1	-0.4	-0.7%
69.1%	60.5	60.0	-0.5	-0.8%
70.4%	60.5	60.0	-0.5	-0.8%
71.6%	60.3	60.0	-0.4	-0.6%
72.8%	60.3	59.9	-0.4	-0.7%
74.1%	60.3	59.8	-0.4	-0.7%
75.3%	60.2	59.8	-0.4	-0.7%
76.5%	60.1	59.7	-0.4	-0.6%
77.8%	60.1	59.7	-0.4	-0.6%
79.0%	60.0	59.7	-0.3	-0.6%
80.2%	60.0	59.6	-0.3	-0.6%
81.5%	59.9	59.6	-0.2	-0.4%
82.7%	59.6	59.6	0.0	0.0%
84.0%	59.6	59.5	-0.1	-0.1%
85.2%	59.6	59.5	-0.1	-0.2%
86.4%	59.4	59.5	0.0	0.0%
87.7%	59.4	59.5	0.1	0.1%
88.9%	59.3	59.3	0.0	0.0%
90.1%	59.3	59.2	-0.1	-0.2%
91.4%	59.3	59.0	-0.3	-0.5%
92.6%	59.2	59.0	-0.2	-0.4%
93.8%	59.0	58.6	-0.4	-0.6%
95.1%	58.7	58.6	-0.1	-0.2%
96.3%	58.7	58.4	-0.3	-0.4%
97.5%	58.3	58.0	-0.4	-0.6%
98.8%	57.9	57.7	-0.3	-0.5%
100.0%	57.9	57.7	-0.3	-0.5%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	73.9	71.7	-2.2	-3.0%
1.2%	72.2	71.4	-0.8	-1.2%
2.5%	71.0	69.4	-1.7	-2.3%
3.7%	70.0	68.9	-1.1	-1.6%
4.9%	69.0	66.7	-2.3	-3.3%
6.2%	68.6	65.5	-3.1	-4.5%
7.4%	68.3	65.4	-2.8	-4.2%
8.6%	67.4	64.3	-3.1	-4.6%
9.9%	66.6	64.3	-2.4	-3.6%
11.1%	66.2	64.2	-2.0	-3.0%
12.3%	65.6	64.2	-1.4	-2.1%
13.6%	65.4	63.9	-1.5	-2.3%
14.8%	65.1	63.1	-2.0	-3.1%
16.0%	65.1	62.8	-2.3	-3.5%
17.3%	64.9	62.8	-2.2	-3.3%
18.5%	64.9	62.7	-2.2	-3.5%
19.8%	64.9	62.5	-2.3	-3.6%
21.0%	64.8	62.5	-2.4	-3.7%
22.2%	64.5	62.2	-2.4	-3.7%
23.5%	64.3	61.9	-2.4	-3.7%
24.7%	64.2	61.7	-2.4	-3.8%
25.9%	63.9	61.6	-2.2	-3.5%
27.2%	63.7	61.5	-2.2	-3.5%
28.4%	63.5	61.4	-2.0	-3.2%
29.6%	63.5	61.4	-2.0	-3.2%
30.9%	63.4	61.3	-2.1	-3.3%
32.1%	63.1	61.3	-1.8	-2.8%
33.3%	62.8	61.3	-1.5	-2.4%
34.6%	62.7	61.1	-1.6	-2.5%
35.8%	62.7	61.1	-1.5	-2.4%
37.0%	62.6	61.1	-1.5	-2.4%
38.3%	62.4	61.1	-1.3	-2.1%
39.5%	62.4	60.9	-1.5	-2.4%
40.7%	62.3	60.7	-1.6	-2.6%
42.0%	62.2	60.6	-1.6	-2.6%
43.2%	62.0	60.5	-1.5	-2.5%
44.4%	62.0	60.5	-1.5	-2.5%
45.7%	61.5	60.4	-1.1	-1.7%
46.9%	61.5	60.4	-1.1	-1.8%
48.1%	61.1	60.4	-0.8	-1.2%
49.4%	61.1	60.4	-0.7	-1.2%
50.6%	61.1	60.3	-0.8	-1.3%
51.9%	60.9	60.3	-0.6	-1.0%
53.1%	60.7	60.1	-0.6	-1.0%
54.3%	59.8	59.9	0.1	0.2%
55.6%	59.7	59.9	0.2	0.3%
56.8%	59.4	59.7	0.3	0.5%
58.0%	59.2	59.7	0.5	0.8%
59.3%	58.7	59.6	0.9	1.5%
60.5%	58.6	59.5	0.9	1.6%
61.7%	58.6	59.5	0.9	1.5%
63.0%	58.2	59.3	1.2	2.0%
64.2%	58.1	59.3	1.2	2.1%
65.4%	58.1	59.3	1.2	2.1%
66.7%	58.0	59.0	1.0	1.7%
67.9%	57.7	59.0	1.3	2.2%
69.1%	57.6	58.1	0.5	0.9%
70.4%	57.5	57.9	0.3	0.6%
71.6%	57.5	57.8	0.3	0.6%
72.8%	57.5	57.8	0.3	0.5%
74.1%	57.5	57.8	0.3	0.5%
75.3%	57.3	57.6	0.3	0.5%
76.5%	57.3	57.5	0.2	0.4%
77.8%	57.2	57.5	0.2	0.4%
79.0%	57.1	57.4	0.3	0.6%
80.2%	57.1	57.3	0.3	0.5%
81.5%	56.9	57.3	0.4	0.6%
82.7%	56.9	56.7	-0.2	-0.4%
84.0%	56.6	56.4	-0.2	-0.3%
85.2%	56.4	56.2	-0.2	-0.3%
86.4%	56.3	56.0	-0.3	-0.6%
87.7%	56.0	55.8	-0.2	-0.4%
88.9%	55.9	55.8	-0.1	-0.2%
90.1%	55.9	55.7	-0.2	-0.3%
91.4%	55.8	55.6	-0.1	-0.3%
92.6%	55.6	55.6	0.0	0.0%
93.8%	55.5	55.5	0.0	0.0%
95.1%	55.5	55.2	-0.3	-0.6%
96.3%	55.4	55.2	-0.2	-0.4%
97.5%	55.2	55.2	0.0	0.0%
98.8%	54.9	54.5	-0.4	-0.8%
100.0%	54.9	54.5	-0.4	-0.8%

Table SQ7-1b

Sacramento River at Red Bluff, Monthly Temperature

Probability of Exceedance

June to September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	69.3	69.1	-0.2	-0.3%
1.2%	67.9	66.1	-1.8	-2.6%
2.5%	66.5	65.0	-1.5	-2.2%
3.7%	65.2	64.1	-1.1	-1.6%
4.9%	64.5	62.4	-2.1	-3.2%
6.2%	63.3	62.3	-1.0	-1.6%
7.4%	62.7	62.0	-0.8	-1.2%
8.6%	62.4	61.6	-0.8	-1.3%
9.9%	62.4	61.5	-0.9	-1.4%
11.1%	62.4	61.4	-1.0	-1.6%
12.3%	62.4	61.3	-1.1	-1.7%
13.6%	62.3	61.2	-1.1	-1.7%
14.8%	61.9	61.2	-0.7	-1.1%
16.0%	61.7	61.1	-0.6	-1.0%
17.3%	61.7	61.0	-0.7	-1.1%
18.5%	61.6	61.0	-0.6	-1.0%
19.8%	61.5	60.9	-0.6	-1.0%
21.0%	61.4	60.9	-0.5	-0.8%
22.2%	61.3	60.8	-0.5	-0.8%
23.5%	61.3	60.8	-0.5	-0.8%
24.7%	61.2	60.6	-0.5	-0.9%
25.9%	61.0	60.5	-0.5	-0.8%
27.2%	60.9	60.5	-0.4	-0.6%
28.4%	60.8	60.4	-0.4	-0.7%
29.6%	60.7	60.4	-0.3	-0.5%
30.9%	60.7	60.4	-0.3	-0.5%
32.1%	60.6	60.4	-0.3	-0.5%
33.3%	60.6	60.2	-0.4	-0.6%
34.6%	60.5	60.2	-0.3	-0.5%
35.8%	60.5	60.1	-0.4	-0.6%
37.0%	60.4	60.1	-0.3	-0.6%
38.3%	60.3	60.1	-0.2	-0.4%
39.5%	60.3	60.0	-0.2	-0.4%
40.7%	60.2	60.0	-0.2	-0.4%
42.0%	60.1	60.0	-0.1	-0.2%
43.2%	60.1	59.9	-0.2	-0.3%
44.4%	60.0	59.9	-0.1	-0.2%
45.7%	60.0	59.7	-0.3	-0.5%
46.9%	60.0	59.6	-0.3	-0.6%
48.1%	59.9	59.6	-0.3	-0.5%
49.4%	59.9	59.6	-0.3	-0.5%
50.6%	59.9	59.5	-0.3	-0.5%
51.9%	59.8	59.5	-0.3	-0.5%
53.1%	59.7	59.5	-0.2	-0.4%
54.3%	59.7	59.5	-0.2	-0.3%
55.6%	59.7	59.4	-0.2	-0.4%
56.8%	59.5	59.4	-0.1	-0.1%
58.0%	59.3	59.4	0.1	0.1%
59.3%	59.3	59.4	0.1	0.2%
60.5%	59.2	59.3	0.1	0.2%
61.7%	59.1	59.3	0.1	0.2%
63.0%	59.1	59.3	0.2	0.3%
64.2%	59.1	59.1	0.0	0.1%
65.4%	59.0	59.1	0.1	0.2%
66.7%	58.9	59.0	0.1	0.1%
67.9%	58.9	58.9	0.1	0.1%
69.1%	58.9	58.9	0.0	0.0%
70.4%	58.9	58.8	0.0	0.0%
71.6%	58.8	58.6	-0.2	-0.3%
72.8%	58.8	58.6	-0.2	-0.4%
74.1%	58.7	58.5	-0.1	-0.2%
75.3%	58.6	58.5	-0.1	-0.2%
76.5%	58.5	58.4	0.0	0.0%
77.8%	58.3	58.4	0.1	0.2%
79.0%	58.2	58.3	0.0	0.1%
80.2%	58.1	58.2	0.1	0.1%
81.5%	58.1	58.2	0.0	0.1%
82.7%	58.1	58.1	0.1	0.1%
84.0%	58.0	58.1	0.1	0.2%
85.2%	57.9	58.1	0.1	0.2%
86.4%	57.9	58.0	0.0	0.1%
87.7%	57.8	57.9	0.1	0.2%
88.9%	57.5	57.9	0.4	0.7%
90.1%	57.5	57.8	0.3	0.5%
91.4%	57.5	57.7	0.2	0.3%
92.6%	57.4	57.7	0.2	0.4%
93.8%	57.4	57.6	0.2	0.3%
95.1%	57.4	57.5	0.1	0.3%
96.3%	57.4	57.4	0.1	0.1%
97.5%	57.3	57.2	-0.1	-0.2%
98.8%	57.2	57.2	0.0	-0.1%
100.0%	57.0	57.1	0.1	0.1%

July to September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	71.7	71.7	0.0	0.0%
1.2%	69.7	67.3	-2.4	-3.4%
2.5%	68.7	66.9	-1.8	-2.6%
3.7%	66.8	65.7	-1.1	-1.7%
4.9%	65.5	63.4	-2.1	-3.2%
6.2%	64.8	62.9	-1.9	-3.0%
7.4%	64.1	62.6	-1.5	-2.4%
8.6%	63.7	62.3	-1.4	-2.2%
9.9%	63.6	62.1	-1.6	-2.5%
11.1%	63.3	62.0	-1.3	-2.0%
12.3%	62.8	61.9	-0.9	-1.4%
13.6%	62.8	61.7	-1.0	-1.6%
14.8%	62.8	61.7	-1.1	-1.7%
16.0%	62.7	61.6	-1.1	-1.7%
17.3%	62.6	61.6	-1.0	-1.6%
18.5%	62.4	61.5	-0.9	-1.5%
19.8%	62.3	61.4	-1.0	-1.5%
21.0%	62.3	61.3	-1.0	-1.5%
22.2%	62.0	61.2	-0.8	-1.3%
23.5%	62.0	61.1	-0.8	-1.4%
24.7%	61.8	61.1	-0.6	-1.0%
25.9%	61.7	60.9	-0.8	-1.3%
27.2%	61.6	60.8	-0.8	-1.3%
28.4%	61.6	60.8	-0.8	-1.4%
29.6%	61.6	60.6	-1.0	-1.6%
30.9%	61.6	60.6	-0.9	-1.5%
32.1%	61.3	60.6	-0.7	-1.1%
33.3%	61.2	60.5	-0.7	-1.2%
34.6%	61.2	60.4	-0.7	-1.2%
35.8%	60.9	60.4	-0.5	-0.8%
37.0%	60.9	60.4	-0.5	-0.8%
38.3%	60.8	60.3	-0.4	-0.7%
39.5%	60.8	60.3	-0.5	-0.8%
40.7%	60.7	60.3	-0.5	-0.8%
42.0%	60.7	60.2	-0.5	-0.8%
43.2%	60.6	60.2	-0.5	-0.8%
44.4%	60.6	60.2	-0.4	-0.7%
45.7%	60.5	60.0	-0.5	-0.8%
46.9%	60.3	59.9	-0.5	-0.8%
48.1%	60.3	59.8	-0.5	-0.9%
49.4%	60.2	59.8	-0.4	-0.6%
50.6%	60.1	59.7	-0.4	-0.6%
51.9%	60.1	59.7	-0.4	-0.7%
53.1%	60.0	59.7	-0.3	-0.5%
54.3%	59.8	59.7	-0.2	-0.3%
55.6%	59.8	59.6	-0.2	-0.3%
56.8%	59.8	59.6	-0.2	-0.3%
58.0%	59.8	59.5	-0.2	-0.4%
59.3%	59.7	59.5	-0.2	-0.4%
60.5%	59.7	59.4	-0.2	-0.4%
61.7%	59.6	59.4	-0.1	-0.2%
63.0%	59.5	59.4	-0.1	-0.2%
64.2%	59.4	59.4	0.0	-0.1%
65.4%	59.4	59.3	-0.1	-0.2%
66.7%	59.4	59.3	-0.1	-0.1%
67.9%	59.4	59.3	-0.1	-0.2%
69.1%	59.3	59.2	-0.2	-0.3%
70.4%	59.3	59.1	-0.1	-0.2%
71.6%	59.2	59.1	-0.1	-0.1%
72.8%	59.2	59.1	-0.1	-0.1%
74.1%	59.2	58.9	-0.2	-0.4%
75.3%	59.0	58.7	-0.3	-0.6%
76.5%	59.0	58.6	-0.4	-0.6%
77.8%	58.7	58.5	-0.2	-0.3%
79.0%	58.6	58.4	-0.2	-0.3%
80.2%	58.5	58.4	-0.1	-0.2%
81.5%	58.4	58.2	-0.3	-0.4%
82.7%	58.3	58.2	-0.1	-0.2%
84.0%	58.1	58.0	0.0	0.0%
85.2%	58.0	58.0	0.0	0.0%
86.4%	58.0	58.0	0.0	0.0%
87.7%	57.9	58.0	0.1	0.1%
88.9%	57.8	57.7	-0.1	-0.2%
90.1%	57.8	57.7	-0.1	-0.2%
91.4%	57.8	57.7	-0.1	-0.2%
92.6%	57.7	57.6	-0.1	-0.3%
93.8%	57.7	57.5	-0.2	-0.3%
95.1%	57.7	57.5	-0.2	-0.3%
96.3%	57.4	57.5	0.1	0.1%
97.5%	57.4	57.4	0.1	0.1%
98.8%	57.3	57.3	0.1	0.1%
100.0%	57.3	57.0	-0.3	-0.4%

August to September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	72.3	72.2	-0.1	-0.1%
1.2%	71.8	69.7	-2.1	-2.9%
2.5%	71.0	69.4	-1.6	-2.3%
3.7%	69.5	68.0	-1.5	-2.1%
4.9%	67.2	65.0	-2.2	-3.3%
6.2%	66.3	63.5	-2.8	-4.2%
7.4%	65.5	63.3	-2.2	-3.4%
8.6%	64.9	63.2	-1.7	-2.6%
9.9%	64.5	63.2	-1.3	-2.0%
11.1%	64.1	62.9	-1.2	-1.8%
12.3%	64.0	62.8	-1.2	-1.9%
13.6%	63.8	62.7	-1.1	-1.7%
14.8%	63.7	62.4	-1.3	-2.0%
16.0%	63.6	62.0	-1.6	-2.5%
17.3%	63.5	62.0	-1.5	-2.4%
18.5%	63.2	61.9	-1.3	-2.1%
19.8%	63.2	61.8	-1.4	-2.2%
21.0%	62.9	61.7	-1.2	-2.0%
22.2%	62.8	61.6	-1.2	-1.8%
23.5%	62.8	61.4	-1.3	-2.1%
24.7%	62.6	61.4	-1.2	-1.9%
25.9%	62.5	61.4	-1.1	-1.8%
27.2%	62.5	61.1	-1.3	-2.1%
28.4%	62.3	61.1	-1.2	-1.9%
29.6%	62.2	61.1	-1.1	-1.8%
30.9%	62.1	61.1	-1.1	-1.7%
32.1%	62.1	61.1	-1.0	-1.6%
33.3%	62.0	61.0	-1.0	-1.6%
34.6%	61.9	61.0	-0.9	-1.4%
35.8%	61.9	61.0	-0.9	-1.4%
37.0%	61.8	60.9	-0.9	-1.5%
38.3%	61.7	60.7	-1.0	-1.7%
39.5%	61.7	60.7	-1.0	-1.6%
40.7%	61.6	60.6	-0.9	-1.5%
42.0%	61.4	60.6	-0.8	-1.3%
43.2%	61.3	60.6	-0.8	-1.2%
44.4%	61.1	60.5	-0.6	-1.0%
45.7%	61.0	60.5	-0.5	-0.9%
46.9%	60.8	60.4	-0.4	-0.6%
48.1%	60.8	60.3	-0.5	-0.7%
49.4%	60.7	60.3	-0.4	-0.7%
50.6%	60.6	60.3	-0.3	-0.5%
51.9%	60.5	60.3	-0.3	-0.5%
53.1%	60.4	60.2	-0.1	-0.2%
54.3%	60.4	60.2	-0.2	-0.3%
55.6%	60.3	60.0	-0.3	-0.5%
56.8%	60.2	60.0	-0.3	-0.4%
58.0%	60.1	59.9	-0.2	-0.4%
59.3%	60.1	59.9	-0.2	-0.3%
60.5%	60.0	59.9	-0.2	-0.3%
61.7%	60.0	59.9	-0.2	-0.3%
63.0%	59.9	59.8	-0.1	-0.2%
64.2%	59.8	59.8	0.0	0.0%
65.4%	59.6	59.7	0.1	0.1%
66.7%	59.6	59.4	-0.3	-0.4%
67.9%	59.6	59.3	-0.3	-0.5%
69.1%	59.6	59.3	-0.3	-0.5%
70.4%	59.5	59.2	-0.3	-0.4%
71.6%	59.5	59.1	-0.4	-0.6%
72.8%	59.4	59.1	-0.3	-0.5%
74.1%	59.4	58.9	-0.5	-0.8%
75.3%	59.1	58.9	-0.2	-0.4%
76.5%	58.9	58.8	-0.1	-0.1%
77.8%	58.8	58.7	-0.1	-0.1%
79.0%	58.7	58.6	-0.2	-0.3%
80.2%	58.6	58.5	-0.1	-0.2%
81.5%	58.6	58.5	-0.1	-0.2%
82.7%	58.6	58.3	-0.3	-0.5%
84.0%	58.5	58.3	-0.2	-0.4%
85.2%	58.4	58.3	-0.2	-0.3%
86.4%	58.1	58.2	0.1	0.1%
87.7%	58.1	58.0	0.0	-0.1%
88.9%	57.9	57.9	0.0	0.0%
90.1%	57.9	57.7	-0.2	-0.4%
91.4%	57.8	57.7	-0.1	-0.3%
92.6%	57.8	57.5	-0.3	-0.4%
93.8%	57.8	57.4	-0.3	-0.6%
95.1%	57.7	57.4	-0.3	-0.4%
96.3%	57.6	57.3	-0.3	-0.5%
97.5%	57.5	57.2	-0.3	-0.6%
98.8%	57.2	57.1	-0.1	-0.2%
100.0%	56.9	56.2	-0.7	-1.2%

Figure SQ8-1b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

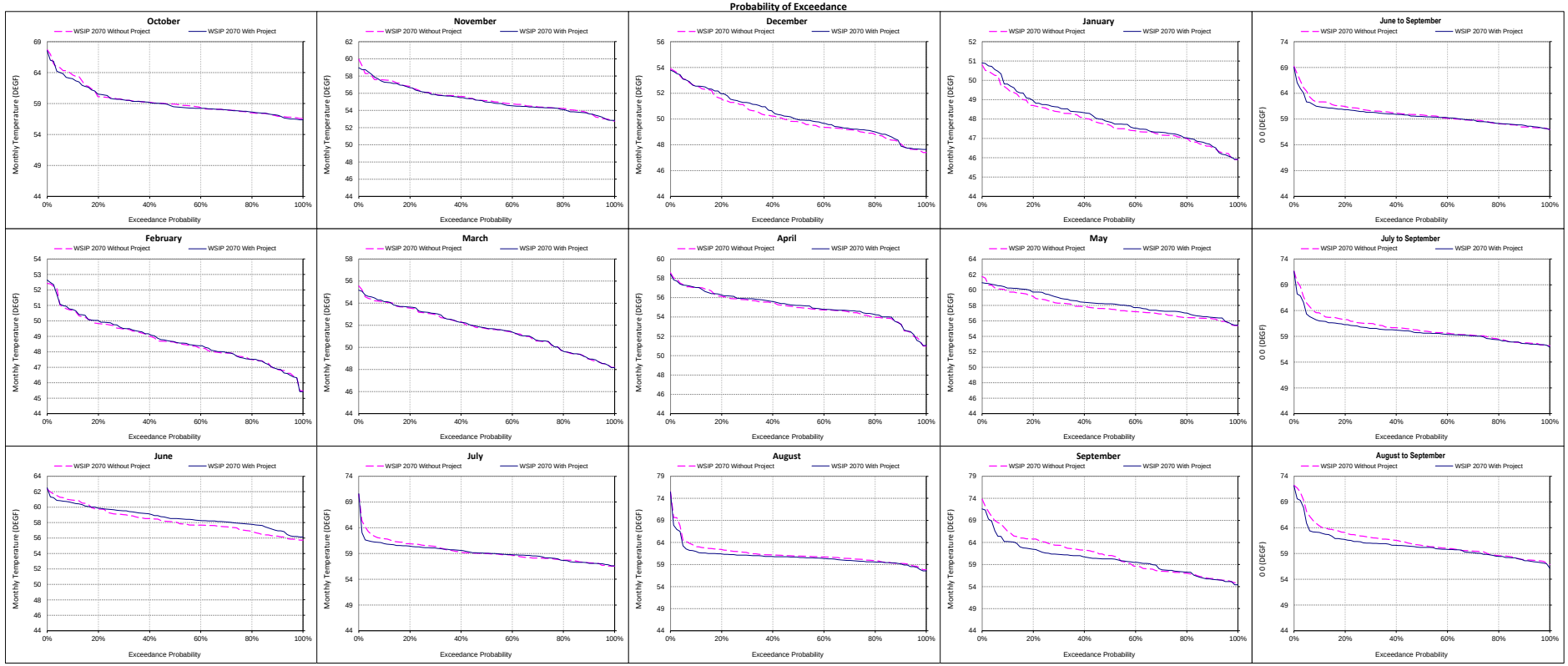


Table SQ8-1b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.7	67.5	-0.2	-0.2%
1.2%	66.9	66.0	-1.0	-1.4%
2.5%	65.4	65.8	0.4	0.7%
3.7%	64.9	64.2	-0.7	-1.0%
4.9%	64.8	64.0	-0.8	-1.3%
6.2%	64.3	63.8	-0.5	-0.8%
7.4%	64.3	63.2	-1.1	-1.7%
8.6%	64.0	63.1	-0.9	-1.5%
9.9%	63.6	63.0	-0.6	-0.9%
11.1%	63.4	62.7	-0.7	-1.2%
12.3%	63.4	62.5	-0.9	-1.4%
13.6%	62.7	62.0	-0.7	-1.1%
14.8%	61.9	61.8	-0.2	-0.3%
16.0%	61.8	61.7	-0.1	-0.2%
17.3%	61.4	61.2	-0.2	-0.3%
18.5%	61.0	61.0	0.0	0.0%
19.8%	60.1	60.5	0.4	0.6%
21.0%	60.1	60.5	0.4	0.6%
22.2%	60.0	60.4	0.4	0.6%
23.5%	60.0	60.3	0.3	0.5%
24.7%	60.0	59.8	-0.1	-0.2%
25.9%	59.9	59.8	-0.2	-0.3%
27.2%	59.8	59.7	0.0	-0.1%
28.4%	59.7	59.7	-0.1	-0.1%
29.6%	59.6	59.6	0.0	-0.1%
30.9%	59.5	59.5	0.0	0.0%
32.1%	59.5	59.5	0.0	0.0%
33.3%	59.4	59.4	-0.1	-0.1%
34.6%	59.4	59.3	0.0	-0.1%
35.8%	59.4	59.3	0.0	-0.1%
37.0%	59.3	59.3	0.0	0.0%
38.3%	59.3	59.3	0.0	0.0%
39.5%	59.3	59.2	0.0	0.0%
40.7%	59.2	59.1	-0.1	-0.1%
42.0%	59.1	59.1	0.0	0.0%
43.2%	59.1	59.0	0.0	-0.1%
44.4%	59.0	59.0	-0.1	-0.1%
45.7%	59.0	59.0	-0.1	-0.1%
46.9%	58.9	58.9	-0.1	-0.1%
48.1%	58.9	58.7	-0.3	-0.5%
49.4%	58.9	58.5	-0.4	-0.8%
50.6%	58.9	58.4	-0.4	-0.7%
51.9%	58.8	58.4	-0.3	-0.6%
53.1%	58.7	58.4	-0.4	-0.6%
54.3%	58.7	58.3	-0.4	-0.6%
55.6%	58.6	58.3	-0.4	-0.6%
56.8%	58.6	58.3	-0.3	-0.6%
58.0%	58.5	58.2	-0.3	-0.5%
59.3%	58.5	58.2	-0.2	-0.4%
60.5%	58.3	58.2	0.0	-0.1%
61.7%	58.1	58.2	0.1	0.2%
63.0%	58.1	58.1	0.0	0.1%
64.2%	58.1	58.1	0.0	0.1%
65.4%	58.1	58.1	0.0	0.0%
66.7%	58.1	58.1	0.0	0.0%
67.9%	58.1	58.0	0.0	-0.1%
69.1%	58.0	58.0	0.1	0.1%
70.4%	57.9	58.0	0.0	0.0%
71.6%	57.9	57.9	0.0	0.1%
72.8%	57.9	57.8	-0.1	-0.1%
74.1%	57.9	57.8	-0.1	-0.1%
75.3%	57.7	57.8	0.0	0.1%
76.5%	57.7	57.8	0.1	0.1%
77.8%	57.7	57.7	0.1	0.1%
79.0%	57.5	57.7	0.1	0.2%
80.2%	57.5	57.6	0.1	0.2%
81.5%	57.4	57.5	0.1	0.2%
82.7%	57.4	57.5	0.1	0.1%
84.0%	57.4	57.4	0.0	0.1%
85.2%	57.4	57.4	0.0	0.1%
86.4%	57.3	57.3	0.0	0.0%
87.7%	57.2	57.2	0.1	0.1%
88.9%	57.1	57.2	0.1	0.2%
90.1%	56.9	57.1	0.2	0.3%
91.4%	56.9	56.9	0.0	0.0%
92.6%	56.9	56.7	-0.2	-0.3%
93.8%	56.8	56.6	-0.2	-0.4%
95.1%	56.8	56.5	-0.3	-0.5%
96.3%	56.8	56.5	-0.3	-0.5%
97.5%	56.7	56.5	-0.2	-0.4%
98.8%	56.6	56.4	-0.2	-0.3%
100.0%	56.6	56.4	0.0	-0.3%

November				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	59.9	59.0	-1.0	-1.7%
1.2%	59.2	58.8	-0.5	-0.8%
2.5%	58.3	58.7	0.4	0.8%
3.7%	58.3	58.5	0.2	0.4%
4.9%	58.1	58.2	0.2	0.3%
6.2%	57.6	57.9	0.3	0.5%
7.4%	57.6	57.7	0.1	0.2%
8.6%	57.6	57.4	-0.1	-0.3%
9.9%	57.5	57.3	-0.3	-0.5%
11.1%	57.5	57.3	-0.2	-0.4%
12.3%	57.5	57.2	-0.3	-0.5%
13.6%	57.4	57.1	-0.2	-0.4%
14.8%	57.2	57.1	-0.1	-0.1%
16.0%	57.2	57.0	-0.2	-0.4%
17.3%	56.9	56.9	0.0	0.0%
18.5%	56.9	56.8	-0.1	-0.1%
19.8%	56.8	56.7	-0.1	-0.2%
21.0%	56.5	56.6	0.1	0.1%
22.2%	56.5	56.4	-0.1	-0.3%
23.5%	56.3	56.3	-0.1	-0.1%
24.7%	56.2	56.2	0.0	0.0%
25.9%	56.1	56.1	0.0	0.0%
27.2%	56.1	56.1	0.0	0.0%
28.4%	56.0	55.9	-0.2	-0.3%
29.6%	55.9	55.9	0.0	-0.1%
30.9%	55.8	55.8	0.0	-0.1%
32.1%	55.8	55.7	0.0	-0.1%
33.3%	55.8	55.7	0.0	-0.1%
34.6%	55.7	55.7	-0.1	-0.1%
35.8%	55.7	55.7	-0.1	-0.1%
37.0%	55.7	55.6	-0.1	-0.2%
38.3%	55.7	55.6	-0.1	-0.2%
39.5%	55.6	55.5	-0.1	-0.2%
40.7%	55.6	55.5	-0.1	-0.2%
42.0%	55.6	55.4	-0.2	-0.4%
43.2%	55.4	55.4	-0.1	-0.1%
44.4%	55.4	55.4	0.0	0.0%
45.7%	55.2	55.2	0.0	0.0%
46.9%	55.2	55.2	0.0	0.0%
48.1%	55.2	55.1	0.0	0.0%
49.4%	55.1	55.0	-0.1	-0.3%
50.6%	55.1	55.0	-0.2	-0.3%
51.9%	55.1	54.9	-0.2	-0.3%
53.1%	55.0	54.8	-0.2	-0.3%
54.3%	55.0	54.8	-0.2	-0.3%
55.6%	54.9	54.8	-0.1	-0.2%
56.8%	54.9	54.7	-0.2	-0.3%
58.0%	54.8	54.6	-0.2	-0.4%
59.3%	54.8	54.6	-0.2	-0.4%
60.5%	54.8	54.5	-0.2	-0.4%
61.7%	54.7	54.5	-0.2	-0.4%
63.0%	54.7	54.5	-0.2	-0.4%
64.2%	54.7	54.5	-0.2	-0.4%
65.4%	54.5	54.5	-0.1	-0.1%
66.7%	54.5	54.4	-0.1	-0.2%
67.9%	54.5	54.4	-0.1	-0.1%
69.1%	54.5	54.4	-0.1	-0.2%
70.4%	54.4	54.4	0.0	-0.1%
71.6%	54.4	54.3	-0.1	-0.1%
72.8%	54.4	54.3	0.0	-0.1%
74.1%	54.3	54.3	0.0	-0.1%
75.3%	54.3	54.3	0.0	0.0%
76.5%	54.3	54.3	0.0	0.0%
77.8%	54.3	54.2	0.0	0.0%
79.0%	54.2	54.1	-0.1	-0.3%
80.2%	54.2	54.1	-0.1	-0.3%
81.5%	54.2	54.0	-0.2	-0.4%
82.7%	54.1	53.8	-0.2	-0.4%
84.0%	54.1	53.8	-0.2	-0.4%
85.2%	54.0	53.8	-0.2	-0.4%
86.4%	53.9	53.8	-0.2	-0.3%
87.7%	53.9	53.8	-0.1	-0.3%
88.9%	53.8	53.7	-0.1	-0.1%
90.1%	53.6	53.6	0.0	0.0%
91.4%	53.5	53.6	0.0	0.1%
92.6%	53.2	53.4	0.2	0.4%
93.8%	53.2	53.4	0.2	0.3%
95.1%	53.1	53.2	0.2	0.3%
96.3%	53.0	53.0	0.0	0.0%
97.5%	53.0	52.9	-0.1	-0.2%
98.8%	52.8	52.8	0.1	0.1%
100.0%	52.8	52.8	0.1	0.1%

December				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.9	53.8	-0.1	-0.2%
1.2%	53.8	53.7	-0.1	-0.1%
2.5%	53.6	53.5	-0.1	-0.2%
3.7%	53.3	53.4	0.1	0.2%
4.9%	53.1	53.1	0.0	0.0%
6.2%	53.1	53.0	-0.1	-0.1%
7.4%	52.8	52.9	0.1	0.2%
8.6%	52.7	52.6	0.0	-0.1%
9.9%	52.5	52.6	0.0	0.1%
11.1%	52.5	52.5	0.0	0.1%
12.3%	52.3	52.5	0.2	0.4%
13.6%	52.3	52.5	0.2	0.4%
14.8%	52.3	52.3	0.1	0.1%
16.0%	52.2	52.3	0.1	0.2%
17.3%	51.8	52.2	0.4	0.8%
18.5%	51.7	52.2	0.5	1.0%
19.8%	51.6	52.0	0.4	0.7%
21.0%	51.4	51.9	0.5	1.0%
22.2%	51.4	51.8	0.4	0.8%
23.5%	51.3	51.5	0.2	0.5%
24.7%	51.3	51.5	0.2	0.4%
25.9%	51.2	51.4	0.2	0.4%
27.2%	51.1	51.3	0.2	0.4%
28.4%	51.1	51.3	0.2	0.3%
29.6%	50.9	51.3	0.4	0.8%
30.9%	50.7	51.2	0.5	1.1%
32.1%	50.7	51.1	0.5	1.0%
33.3%	50.6	51.1	0.5	1.0%
34.6%	50.5	51.1	0.5	1.1%
35.8%	50.4	51.0	0.6	1.2%
37.0%	50.3	51.0	0.6	1.3%
38.3%	50.3	50.7	0.4	0.8%
39.5%	50.2	50.7	0.4	0.8%
40.7%	50.2	50.4	0.2	0.4%
42.0%	50.1	50.3	0.2	0.4%
43.2%	50.1	50.3	0.2	0.4%
44.4%	50.0	50.2	0.2	0.5%
45.7%	49.9	50.2	0.3	0.6%
46.9%	49.8	50.2	0.3	0.7%
48.1%	49.8	50.1	0.3	0.5%
49.4%	49.8	50.0	0.2	0.4%
50.6%	49.7	49.9	0.2	0.4%
51.9%	49.7	49.9	0.2	0.4%
53.1%	49.6	49.9	0.3	0.7%
54.3%	49.6	49.9	0.3	0.6%
55.6%	49.5	49.8	0.3	0.6%
56.8%	49.5	49.8	0.3	0.6%
58.0%	49.4	49.8	0.4	0.8%
59.3%	49.4	49.7	0.3	0.7%
60.5%	49.4	49.6	0.3	0.6%
61.7%	49.3	49.6	0.2	0.5%
63.0%	49.3	49.6	0.3	0.5%
64.2%	49.3	49.4	0.1	0.2%
65.4%	49.3	49.4	0.1	0.2%
66.7%	49.3	49.4	0.1	0.2%
67.9%	49.2	49.3	0.1	0.2%
69.1%	49.2	49.3	0.1	0.2%
70.4%	49.2	49.2	0.1	0.1%
71.6%	49.1	49.2	0.1	0.2%
72.8%	49.1	49.2	0.1	0.2%
74.1%	49.0	49.2	0.2	0.4%
75.3%	49.0	49.2	0.2	0.4%
76.5%	48.9	49.1	0.2	0.5%
77.8%	48.9	49.1	0.2	0.4%
79.0%	48.9	49.0	0.1	0.3%
80.2%	48.8	49.0	0.2	0.5%
81.5%	48.7	48.9	0.2	0.4%
82.7%	48.7	48.8	0.1	0.3%
84.0%	48.5	48.8	0.3	0.6%
85.2%	48.4	48.7	0.3	0.6%
86.4%	48.4	48.6	0.2	0.5%
87.7%	48.3	48.5	0.1	0.3%
88.9%	48.3	48.4	0.1	0.2%
90.1%	48.1	47.9	-0.2	-0.4%
91.4%	47.8	47.8	0.0	0.0%
92.6%	47.7	47.7	0.0	0.0%
93.8%	47.7	47.7	0.1	0.2%
95.1%	47.6	47.7	0.0	0.1%
96.3%	47.6	47.7	0.0	0.1%
97.5%	47.6	47.7	0.1	0.2%
98.8%	47.4	47.6	0.2	0.5%
100.0%	47.4	47.6	0.2	0.5%

January				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	50.8	50.9	0.1	0.2%
1.2%	50.5	50.9	0.4	0.7%
2.5%	50.5	50.8	0.3	0.6%
3.7%	50.4	50.7	0.4	0.7%
4.9%	50.3	50.6	0.3	0.6%
6.2%	50.2	50.5	0.2	0.5%
7.4%	49.7	50.3	0.6	1.2%
8.6%	49.7	49.8	0.1	0.2%
9.9%	49.6	49.8	0.2	0.5%
11.1%	49.4	49.7	0.3	0.6%
12.3%	49.4	49.6	0.2	0.5%
13.6%	49.3	49.4	0.1	0.2%
14.8%	49.1	49.4	0.3	0.5%
16.0%	49.0	49.3	0.3	0.7%
17.3%	49.0	49.1	0.1	0.2%
18.5%	48.7	49.1	0.4	0.7%
19.8%	48.7	49.0	0.3	0.5%
21.0%	48.7	48.8	0.2	0.3%
22.2%	48.6	48.8	0.2	0.4%
23.5%	48.6	48.7	0.1	0.3%
24.7%	48.6	48.7	0.2	0.4%
25.9%	48.5	48.7	0.2	0.5%
27.2%	48.5	48.7	0.2	0.4%
28.4%	48.4	48.6	0.2	0.5%
29.6%	48.4	48.6	0.2	0.5%
30.9%	48.4	48.5	0.2	0.4%
32.1%	48.3	48.5	0.2	0.5%
33.3%	48.3	48.5	0.2	0.5%
34.6%	48.3	48.4	0.1	0.3%
35.8%	48.2	48.4	0.1	0.3%
37.0%	48.2	48.4	0.2	0.3%
38.3%	48.1	48.4	0.3	0.5%
39.5%	48.1	48.3	0.3	0.5%
40.7%	48.0	48.3	0.3	0.6%
42.0%	48.0	48.3	0.3	0.6%
43.2%	47.9	48.2	0.3	0.6%
44.4%	47.8	48.0	0.2	0.4%
45.7%	47.8	48.0	0.2	0.4%
46.9%	47.8	48.0	0.2	0.5%
48.1%	47.7	47.9	0.2	0.3%
49.4%	47.7	47.9	0.1	0.3%
50.6%	47.6	47.8	0.2	0.4%
51.9%	47.5	47.7	0.2	0.5%
53.1%	47.5	47.7	0.2	0.5%
54.3%	47.5	47.7	0.2	0.5%
55.6%	47.5	47.7	0.2	0.5%
56.8%	47.5	47.7	0.3	0.5%
58.0%	47.4	47.6	0.2	0.4%
59.3%	47.4	47.5	0.1	0.3%
60.5%	47.4	47.5	0.1	0.3%
61.7%	47.3	47.5	0.1	0.3%
63.0%	47.3	47.5	0.1	0.3%
64.2%	47.3	47.5	0.1	0.3%
65.4%	47.3	47.4	0.1	0.1%
66.7%	47.3	47.3	0.0	0.0%
67.9%	47.2	47.3	0.1	0.2%
69.1%	47.2	47.3	0.1	0.2%
70.4%	47.2	47.3	0.1	0.3%
71.6%	47.2	47.3	0.1	0.3%
72.8%	47.2	47.3	0.1	0.2%
74.1%	47.1	47.2	0.1	0.2%
75.3%	47.1	47.2	0.1	0.2%
76.5%	47.1	47.2	0.1	0.3%
77.8%	47.1	47.1	0.1	0.1%
79.0%	47.0	47.0	0.0	0.0%
80.2%	47.0	47.0	0.0	0.1%
81.5%	46.8	47.0	0.1	0.3%
82.7%	46.8	46.9	0.1	0.3%
84.0%	46.8	46.9	0.1	0.1%
85.2%	46.7	46.8	0.1	0.3%
86.4%	46.7	46.8	0.1	0.2%
87.7%	46.6	46.7	0.1	0.3%
88.9%	46.6	46.7	0.1	0.2%
90.1%	46.5	46.6	0.1	0.1%
91.4%	46.4	46.5	0.1	0.1%
92.6%	46.3	46.3	-0.1	-0.1%
93.8%	46.3	46.2	-0.1	-0.2%
95.1%	46.2	46.2	-0.1	-0.2%
96.3%	46.2	46.1	-0.1	-0.3%
97.5%	46.0	46.0	0.1	0.2%
98.8%	45.9	45.9	0.0	0.0%
100.0%	45.9	45.9	0.0	0.0%

Table SQ8-1b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.4	52.6	0.2	0.4%
1.2%	52.4	52.5	0.1	0.2%
2.5%	52.2	52.3	0.1	0.2%
3.7%	52.1	51.7	-0.4	-0.8%
4.9%	51.0	51.1	0.1	0.1%
6.2%	50.9	51.0	0.1	0.2%
7.4%	50.8	50.9	0.2	0.3%
8.6%	50.7	50.8	0.1	0.1%
9.9%	50.7	50.7	0.1	0.1%
11.1%	50.6	50.7	0.1	0.1%
12.3%	50.3	50.4	0.1	0.2%
13.6%	50.3	50.4	0.1	0.2%
14.8%	50.2	50.4	0.1	0.3%
16.0%	50.1	50.1	0.0	0.0%
17.3%	50.0	50.1	0.0	0.0%
18.5%	49.9	50.0	0.2	0.3%
19.8%	49.8	50.0	0.2	0.4%
21.0%	49.8	49.9	0.1	0.2%
22.2%	49.8	49.9	0.1	0.3%
23.5%	49.8	49.9	0.1	0.2%
24.7%	49.7	49.9	0.2	0.3%
25.9%	49.7	49.8	0.1	0.1%
27.2%	49.5	49.7	0.2	0.4%
28.4%	49.5	49.6	0.1	0.2%
29.6%	49.5	49.5	0.0	0.1%
30.9%	49.5	49.5	0.0	0.1%
32.1%	49.4	49.5	0.0	0.1%
33.3%	49.3	49.4	0.1	0.2%
34.6%	49.3	49.4	0.0	0.1%
35.8%	49.3	49.3	0.1	0.1%
37.0%	49.2	49.3	0.1	0.2%
38.3%	49.2	49.2	0.0	0.0%
39.5%	49.0	49.2	0.1	0.3%
40.7%	49.0	49.1	0.1	0.2%
42.0%	48.9	49.0	0.1	0.3%
43.2%	48.7	48.9	0.2	0.3%
44.4%	48.7	48.8	0.1	0.2%
45.7%	48.7	48.8	0.1	0.2%
46.9%	48.7	48.7	0.1	0.1%
48.1%	48.7	48.7	0.0	0.1%
49.4%	48.6	48.7	0.0	0.1%
50.6%	48.6	48.6	0.0	0.0%
51.9%	48.5	48.6	0.0	0.1%
53.1%	48.5	48.6	0.1	0.2%
54.3%	48.5	48.5	0.1	0.2%
55.6%	48.4	48.5	0.1	0.1%
56.8%	48.4	48.4	0.1	0.2%
58.0%	48.4	48.4	0.0	0.1%
59.3%	48.3	48.4	0.1	0.3%
60.5%	48.2	48.4	0.2	0.3%
61.7%	48.2	48.3	0.1	0.2%
63.0%	48.1	48.2	0.2	0.3%
64.2%	48.0	48.1	0.1	0.2%
65.4%	48.0	48.1	0.1	0.2%
66.7%	48.0	48.0	0.0	0.1%
67.9%	47.9	48.0	0.1	0.2%
69.1%	47.9	48.0	0.1	0.1%
70.4%	47.9	47.9	0.0	0.1%
71.6%	47.9	47.9	0.0	0.0%
72.8%	47.9	47.9	-0.1	-0.1%
74.1%	47.7	47.7	0.0	0.0%
75.3%	47.7	47.6	-0.1	-0.2%
76.5%	47.7	47.6	-0.1	-0.2%
77.8%	47.7	47.5	-0.1	-0.2%
79.0%	47.5	47.5	0.0	0.0%
80.2%	47.5	47.5	0.0	0.0%
81.5%	47.4	47.5	0.1	0.2%
82.7%	47.4	47.4	0.0	0.0%
84.0%	47.4	47.4	0.0	0.0%
85.2%	47.3	47.3	0.0	0.0%
86.4%	47.3	47.2	-0.1	-0.2%
87.7%	47.0	47.0	0.0	0.0%
88.9%	46.9	46.9	0.0	0.1%
90.1%	46.9	46.9	0.0	0.1%
91.4%	46.8	46.9	0.1	0.1%
92.6%	46.8	46.6	-0.2	-0.4%
93.8%	46.6	46.6	0.0	-0.1%
95.1%	46.6	46.5	-0.1	-0.3%
96.3%	46.4	46.4	-0.1	-0.1%
97.5%	46.3	46.3	0.0	0.0%
98.8%	45.5	45.4	-0.1	-0.1%
100.0%	45.5	45.4	-0.1	-0.1%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	55.6	55.2	-0.4	-0.7%
1.2%	55.2	55.1	-0.2	-0.3%
2.5%	54.6	54.7	0.2	0.3%
3.7%	54.4	54.6	0.2	0.3%
4.9%	54.4	54.6	0.2	0.4%
6.2%	54.2	54.5	0.3	0.5%
7.4%	54.2	54.3	0.1	0.2%
8.6%	54.1	54.3	0.1	0.2%
9.9%	54.1	54.1	0.0	0.0%
11.1%	54.1	54.1	0.1	0.1%
12.3%	54.1	54.1	0.0	0.0%
13.6%	54.0	53.8	-0.2	-0.3%
14.8%	53.7	53.8	0.1	0.1%
16.0%	53.7	53.7	0.0	0.1%
17.3%	53.7	53.7	0.0	0.1%
18.5%	53.6	53.7	0.1	0.1%
19.8%	53.6	53.7	0.1	0.2%
21.0%	53.5	53.6	0.1	0.2%
22.2%	53.5	53.6	0.1	0.1%
23.5%	53.2	53.3	0.1	0.2%
24.7%	53.2	53.2	0.1	0.1%
25.9%	53.1	53.2	0.1	0.1%
27.2%	53.1	53.2	0.1	0.2%
28.4%	53.0	53.1	0.0	0.1%
29.6%	53.0	53.1	0.1	0.2%
30.9%	52.9	53.0	0.1	0.2%
32.1%	52.7	52.9	0.2	0.5%
33.3%	52.7	52.7	0.0	0.0%
34.6%	52.6	52.6	-0.1	-0.1%
35.8%	52.5	52.5	0.0	0.0%
37.0%	52.4	52.5	0.0	0.1%
38.3%	52.4	52.3	0.0	-0.1%
39.5%	52.4	52.3	-0.1	-0.2%
40.7%	52.2	52.2	0.0	0.0%
42.0%	52.0	52.2	0.2	0.3%
43.2%	52.0	52.1	0.1	0.1%
44.4%	52.0	52.0	0.0	0.0%
45.7%	51.8	51.9	0.1	0.2%
46.9%	51.8	51.9	0.1	0.2%
48.1%	51.8	51.8	0.0	0.1%
49.4%	51.7	51.8	0.1	0.1%
50.6%	51.7	51.7	0.0	0.1%
51.9%	51.6	51.7	0.1	0.2%
53.1%	51.6	51.7	0.0	0.1%
54.3%	51.6	51.6	0.0	0.0%
55.6%	51.6	51.6	0.0	0.0%
56.8%	51.5	51.5	0.0	0.0%
58.0%	51.4	51.5	0.1	0.1%
59.3%	51.4	51.4	0.0	0.1%
60.5%	51.2	51.3	0.1	0.2%
61.7%	51.2	51.2	0.0	0.0%
63.0%	51.2	51.1	-0.1	-0.3%
64.2%	51.1	51.1	0.0	0.0%
65.4%	51.0	51.0	0.0	0.1%
66.7%	51.0	51.0	0.0	0.1%
67.9%	50.8	50.9	0.1	0.2%
69.1%	50.6	50.7	0.1	0.2%
70.4%	50.6	50.6	0.0	0.0%
71.6%	50.5	50.6	0.0	0.1%
72.8%	50.5	50.6	0.1	0.1%
74.1%	50.5	50.5	0.0	0.1%
75.3%	50.2	50.3	0.1	0.1%
76.5%	50.1	50.0	-0.1	-0.1%
77.8%	50.0	50.0	0.0	0.0%
79.0%	49.7	49.8	0.0	0.0%
80.2%	49.6	49.6	0.0	-0.1%
81.5%	49.6	49.6	0.0	0.0%
82.7%	49.5	49.5	0.1	0.1%
84.0%	49.4	49.4	0.0	0.0%
85.2%	49.4	49.4	0.0	0.1%
86.4%	49.4	49.4	0.0	0.0%
87.7%	49.3	49.2	0.0	-0.1%
88.9%	49.0	49.1	0.1	0.3%
90.1%	49.0	48.9	0.0	0.0%
91.4%	48.8	48.9	0.1	0.2%
92.6%	48.7	48.9	0.1	0.2%
93.8%	48.7	48.7	0.0	-0.1%
95.1%	48.5	48.6	0.0	0.0%
96.3%	48.5	48.5	0.0	-0.1%
97.5%	48.4	48.4	0.0	0.0%
98.8%	48.2	48.2	0.0	0.0%
100.0%	48.2	48.2	0.0	0.0%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	58.6	58.4	-0.1	-0.2%
1.2%	58.0	57.9	-0.2	-0.3%
2.5%	58.0	57.7	-0.3	-0.4%
3.7%	57.5	57.4	-0.1	-0.2%
4.9%	57.3	57.3	-0.1	-0.1%
6.2%	57.1	57.3	0.1	0.3%
7.4%	57.1	57.2	0.1	0.1%
8.6%	57.1	57.1	0.1	0.1%
9.9%	57.1	57.1	0.0	0.0%
11.1%	57.0	57.1	0.0	0.0%
12.3%	57.0	56.9	-0.2	-0.3%
13.6%	56.9	56.6	-0.3	-0.5%
14.8%	56.8	56.5	-0.3	-0.6%
16.0%	56.7	56.4	-0.3	-0.5%
17.3%	56.3	56.4	0.1	0.1%
18.5%	56.2	56.4	0.2	0.3%
19.8%	56.1	56.3	0.2	0.3%
21.0%	56.1	56.2	0.1	0.2%
22.2%	56.0	56.2	0.2	0.3%
23.5%	55.9	56.2	0.3	0.5%
24.7%	55.9	56.1	0.2	0.4%
25.9%	55.9	55.9	0.1	0.1%
27.2%	55.8	55.9	0.1	0.2%
28.4%	55.8	55.9	0.1	0.2%
29.6%	55.8	55.9	0.1	0.2%
30.9%	55.7	55.9	0.2	0.3%
32.1%	55.7	55.9	0.2	0.3%
33.3%	55.7	55.8	0.2	0.3%
34.6%	55.6	55.8	0.2	0.4%
35.8%	55.5	55.8	0.2	0.4%
37.0%	55.5	55.7	0.2	0.3%
38.3%	55.5	55.7	0.1	0.2%
39.5%	55.5	55.6	0.1	0.3%
40.7%	55.4	55.6	0.1	0.2%
42.0%	55.3	55.5	0.2	0.4%
43.2%	55.2	55.4	0.2	0.3%
44.4%	55.2	55.4	0.2	0.3%
45.7%	55.1	55.3	0.2	0.3%
46.9%	55.1	55.2	0.1	0.3%
48.1%	55.1	55.2	0.1	0.3%
49.4%	55.0	55.2	0.2	0.4%
50.6%	55.0	55.2	0.2	0.4%
51.9%	54.9	55.2	0.2	0.4%
53.1%	54.9	55.2	0.2	0.4%
54.3%	54.9	55.1	0.3	0.5%
55.6%	54.8	54.9	0.1	0.2%
56.8%	54.8	54.9	0.1	0.2%
58.0%	54.8	54.9	0.1	0.2%
59.3%	54.7	54.8	0.1	0.1%
60.5%	54.7	54.8	0.1	0.1%
61.7%	54.7	54.8	0.1	0.1%
63.0%	54.7	54.8	0.0	0.1%
64.2%	54.7	54.7	0.1	0.1%
65.4%	54.7	54.7	0.0	0.1%
66.7%	54.6	54.7	0.0	0.1%
67.9%	54.6	54.7	0.1	0.1%
69.1%	54.6	54.7	0.1	0.2%
70.4%	54.5	54.7	0.2	0.4%
71.6%	54.4	54.6	0.2	0.4%
72.8%	54.4	54.6	0.2	0.3%
74.1%	54.3	54.6	0.2	0.4%
75.3%	54.2	54.4	0.3	0.5%
76.5%	54.2	54.4	0.2	0.3%
77.8%	54.1	54.4	0.3	0.5%
79.0%	54.0	54.3	0.3	0.6%
80.2%	54.0	54.2	0.3	0.5%
81.5%	54.0	54.2	0.2	0.5%
82.7%	53.9	54.0	0.1	0.2%
84.0%	53.9	54.0	0.1	0.2%
85.2%	53.9	54.0	0.1	0.2%
86.4%	53.8	54.0	0.2	0.3%
87.7%	53.5	53.6	0.0	0.0%
88.9%	53.5	53.4	0.0	-0.1%
90.1%	53.2	53.2	0.0	0.0%
91.4%	52.6	52.7	0.1	0.2%
92.6%	52.5	52.5	0.0	0.0%
93.8%	52.4	52.5	0.1	0.2%
95.1%	52.0	52.2	0.2	0.4%
96.3%	51.9	51.6	-0.3	-0.6%
97.5%	51.6	51.4	-0.1	-0.3%
98.8%	51.0	51.1	0.1	0.1%
100.0%	51.0	51.1	0.1	0.1%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	61.7	60.9	-0.8	-1.3%
1.2%	61.5	60.8	-0.7	-1.1%
2.5%	60.6	60.8	0.2	0.4%
3.7%	60.6	60.7	0.1	0.1%
4.9%	60.3	60.7	0.4	0.7%
6.2%	60.1	60.6	0.4	0.7%
7.4%	60.1	60.5	0.4	0.7%
8.6%	60.1	60.4	0.4	0.6%
9.9%	59.8	60.3	0.5	0.8%
11.1%	59.7	60.2	0.5	0.8%
12.3%	59.7	60.2	0.5	0.8%
13.6%	59.6	60.2	0.6	1.0%
14.8%	59.6	60.1	0.5	0.9%
16.0%	59.5	60.1	0.6	0.9%
17.3%	59.5	60.1	0.6	1.0%
18.5%	59.3	60.0	0.7	1.2%
19.8%	59.2	59.7	0.5	0.9%
21.0%	58.9	59.7	0.8	1.4%
22.2%	58.8	59.7	0.9	1.5%
23.5%	58.8	59.7	0.9	1.5%
24.7%	58.7	59.5	0.7	1.3%
25.9%	58.6	59.4	0.8	1.4%
27.2%	58.5	59.3	0.8	1.3%
28.4%	58.3	59.2	0.8	1.4%
29.6%	58.3	59.0	0.8	1.3%
30.9%	58.3	58.9	0.6	1.0%
32.1%	58.3	58.8	0.5	0.9%
33.3%	58.2	58.8	0.6	1.0%
34.6%	58.2	58.6	0.5	0.8%
35.8%	57.9	58.6	0.7	1.2%
37.0%	57.9	58.6	0.7	1.2%
38.3%	57.9	58.5	0.6	1.0%
39.5%	57.8	58.4	0.6	1.0%
40.7%	57.8	58.4	0.5	0.9%
42.0%	57.7	58.3	0.6	1.1%
43.2%	57.7	58.3	0.6	1.1%
44.4%	57.6	58.3	0.6	1.1%
45.7%	57.6	58.3	0.6	1.1%
46.9%	57.6	58.2	0.6	1.1%
48.1%	57.6	58.2	0.6	1.1%
49.4%	57.6	58.2	0.6	1.1%
50.6%	57.5	58.2	0.7	1.2%
51.9%	57.5	58.2	0.7	1.2%
53.1%	57.4	58.1	0.7	1.3%
54.3%	57.3	58.0	0.7	1.3%
55.6%	57.3	58.0	0.7	1.3%
56.8%	57.2	58.0	0.7	1.3%
58.0%	57.2	57.9	0.7	1.2%
59.3%	57.2	57.7	0.5	0.9%
60.5%	57.2	57.7	0.5	0.9%
61.7%	57.1	57.7	0.6	1.0%
63.0%	57.1	57.6	0.5	0.9%
64.2%	57.1	57.5	0.5	0.8%
65.4%	57.1	57.4	0.3	0.6%
66.7%	57.0	57.4	0.3	0.6%
67.9%	57.0	57.4	0.4	0.7%
69.1%	56.9	57.3	0.4	0.7%
70.4%	56.9	57.3	0.4	0.7%
71.6%	56.9	57.2	0.4	0.7%
72.8%	56.7	57.2	0.5	0.9%
74.1%	56.7	57.2	0.5	0.9%
75.3%	56.7	57.2	0.5	0.9%
76.5%	56.5	57.2	0.7	1.2%
77.8%	56.5	57.1	0.6	1.1%
79.0%	56.4	57.0	0.6	1.1%
80.2%	56.4	57.0	0.6	1.0%
81.5%	56.4	56.8	0.4	0.7%
82.7%	56.4	56.7	0.3	0.6%
84.0%	56.4	56.7	0.3	0.5%
85.2%	56.4	56.6	0.3	0.5%
86.4%	56.3	56.6	0.2	0.4%
87.7%	56.3	56.5	0.2	0.4%
88.9%	56.3	56.5	0.2	0.3%
90.1%	56.3	56.4	0.2	0.3%
91.4%	56.2	56.4	0.2	0.3%
92.6%	56.0	56.4	0.4	0.8%
93.8%	55.9	56.4	0.4	0.8%
95.1%	55.9	55.9	0.0	0.0%
96.3%	55.7	55.8	0.0	0.1%
97.5%	55.5	55.6	0.1	0.2%
98.8%	55.4	55.4	0.0	0.1%
100.0%	55.4	55.4	0.0	0.1%

Table SQ8-1b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

June				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	62.3	62.5	0.2	0.3%
1.2%	62.0	61.3	-0.6	-1.0%
2.5%	61.7	61.2	-0.5	-0.8%
3.7%	61.5	60.9	-0.6	-1.0%
4.9%	61.3	60.8	-0.4	-0.7%
6.2%	61.2	60.8	-0.4	-0.7%
7.4%	61.0	60.7	-0.3	-0.5%
8.6%	61.0	60.7	-0.3	-0.5%
9.9%	60.9	60.6	-0.3	-0.6%
11.1%	60.9	60.5	-0.4	-0.7%
12.3%	60.8	60.4	-0.4	-0.6%
13.6%	60.5	60.3	-0.2	-0.3%
14.8%	60.5	60.2	-0.3	-0.6%
16.0%	60.4	60.1	-0.3	-0.4%
17.3%	59.9	60.0	0.1	0.2%
18.5%	59.8	60.0	0.2	0.3%
19.8%	59.8	59.9	0.1	0.2%
21.0%	59.7	59.9	0.1	0.2%
22.2%	59.7	59.8	0.0	0.1%
23.5%	59.3	59.7	0.4	0.7%
24.7%	59.2	59.7	0.5	0.8%
25.9%	59.1	59.7	0.5	0.9%
27.2%	59.1	59.6	0.5	0.8%
28.4%	59.1	59.6	0.5	0.8%
29.6%	59.0	59.5	0.5	0.9%
30.9%	59.0	59.5	0.5	0.9%
32.1%	58.9	59.4	0.5	0.9%
33.3%	58.9	59.4	0.5	0.9%
34.6%	58.7	59.3	0.6	1.0%
35.8%	58.7	59.2	0.6	1.0%
37.0%	58.6	59.2	0.6	1.1%
38.3%	58.5	59.2	0.7	1.1%
39.5%	58.5	59.1	0.6	1.1%
40.7%	58.5	59.0	0.5	0.9%
42.0%	58.5	58.9	0.4	0.8%
43.2%	58.5	58.9	0.4	0.8%
44.4%	58.3	58.8	0.5	0.9%
45.7%	58.2	58.7	0.6	1.0%
46.9%	58.2	58.6	0.5	0.8%
48.1%	58.1	58.5	0.4	0.7%
49.4%	58.1	58.5	0.4	0.7%
50.6%	58.1	58.5	0.5	0.8%
51.9%	57.8	58.5	0.7	1.1%
53.1%	57.8	58.5	0.6	1.1%
54.3%	57.8	58.4	0.6	1.0%
55.6%	57.7	58.4	0.7	1.3%
56.8%	57.7	58.4	0.7	1.2%
58.0%	57.7	58.3	0.6	1.1%
59.3%	57.7	58.3	0.6	1.1%
60.5%	57.7	58.3	0.6	1.0%
61.7%	57.6	58.3	0.6	1.1%
63.0%	57.6	58.2	0.6	1.0%
64.2%	57.6	58.2	0.6	1.0%
65.4%	57.6	58.2	0.6	1.0%
66.7%	57.5	58.2	0.6	1.1%
67.9%	57.5	58.2	0.7	1.1%
69.1%	57.5	58.1	0.6	1.1%
70.4%	57.5	58.1	0.6	1.1%
71.6%	57.4	58.0	0.7	1.2%
72.8%	57.4	58.0	0.6	1.1%
74.1%	57.3	57.9	0.6	1.1%
75.3%	57.1	57.9	0.8	1.5%
76.5%	57.0	57.9	0.8	1.5%
77.8%	57.0	57.8	0.9	1.5%
79.0%	56.9	57.8	0.9	1.5%
80.2%	56.8	57.8	0.9	1.6%
81.5%	56.7	57.7	1.0	1.8%
82.7%	56.6	57.7	1.1	1.9%
84.0%	56.5	57.6	1.2	2.1%
85.2%	56.4	57.5	1.1	1.9%
86.4%	56.4	57.3	0.9	1.6%
87.7%	56.3	57.2	0.9	1.5%
88.9%	56.3	57.0	0.8	1.4%
90.1%	56.3	56.9	0.7	1.2%
91.4%	56.1	56.9	0.8	1.4%
92.6%	56.1	56.8	0.7	1.3%
93.8%	55.9	56.5	0.5	1.0%
95.1%	55.9	56.3	0.4	0.8%
96.3%	55.8	56.2	0.4	0.7%
97.5%	55.8	56.2	0.4	0.7%
98.8%	55.7	56.1	0.4	0.7%
100.0%	55.7	56.1	0.4	0.7%

July				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	70.5	70.6	0.1	0.2%
1.2%	65.4	63.0	-2.3	-3.6%
2.5%	64.2	61.7	-2.5	-3.9%
3.7%	63.3	61.5	-1.8	-2.8%
4.9%	62.7	61.3	-1.4	-2.2%
6.2%	62.3	61.2	-1.1	-1.7%
7.4%	62.1	61.2	-0.9	-1.5%
8.6%	62.0	61.1	-0.8	-1.3%
9.9%	61.9	60.9	-1.0	-1.5%
11.1%	61.8	60.8	-1.0	-1.6%
12.3%	61.6	60.7	-0.9	-1.4%
13.6%	61.3	60.7	-0.6	-1.1%
14.8%	61.3	60.6	-0.7	-1.2%
16.0%	61.2	60.5	-0.7	-1.1%
17.3%	61.2	60.5	-0.7	-1.1%
18.5%	60.9	60.5	-0.4	-0.7%
19.8%	60.9	60.4	-0.5	-0.8%
21.0%	60.8	60.4	-0.5	-0.8%
22.2%	60.8	60.3	-0.5	-0.9%
23.5%	60.8	60.3	-0.5	-0.8%
24.7%	60.6	60.2	-0.4	-0.7%
25.9%	60.5	60.1	-0.4	-0.7%
27.2%	60.5	60.1	-0.4	-0.6%
28.4%	60.4	60.1	-0.3	-0.6%
29.6%	60.4	60.1	-0.3	-0.5%
30.9%	60.3	60.0	-0.3	-0.5%
32.1%	60.0	59.9	-0.1	-0.1%
33.3%	59.9	59.8	-0.1	-0.2%
34.6%	59.7	59.8	0.2	0.3%
35.8%	59.6	59.7	0.1	0.2%
37.0%	59.5	59.7	0.2	0.4%
38.3%	59.4	59.6	0.3	0.5%
39.5%	59.4	59.6	0.3	0.4%
40.7%	59.2	59.6	0.4	0.7%
42.0%	59.2	59.4	0.2	0.4%
43.2%	59.1	59.3	0.2	0.3%
44.4%	59.1	59.2	0.1	0.1%
45.7%	59.1	59.1	0.1	0.1%
46.9%	59.0	59.1	0.0	0.1%
48.1%	59.0	59.1	0.1	0.1%
49.4%	59.0	59.1	0.1	0.1%
50.6%	59.0	59.0	0.1	0.1%
51.9%	58.9	59.0	0.1	0.2%
53.1%	58.9	59.0	0.1	0.2%
54.3%	58.9	58.9	0.0	0.1%
55.6%	58.8	58.9	0.1	0.1%
56.8%	58.8	58.8	0.1	0.1%
58.0%	58.7	58.8	0.0	0.0%
59.3%	58.7	58.8	0.0	0.1%
60.5%	58.6	58.7	0.1	0.2%
61.7%	58.6	58.7	0.1	0.2%
63.0%	58.4	58.7	0.3	0.5%
64.2%	58.3	58.7	0.4	0.6%
65.4%	58.2	58.6	0.4	0.7%
66.7%	58.2	58.6	0.4	0.7%
67.9%	58.1	58.5	0.4	0.7%
69.1%	58.1	58.5	0.4	0.7%
70.4%	58.1	58.5	0.4	0.7%
71.6%	58.1	58.4	0.3	0.4%
72.8%	58.0	58.2	0.1	0.2%
74.1%	58.0	58.2	0.1	0.2%
75.3%	58.0	58.1	0.1	0.2%
76.5%	57.9	58.1	0.2	0.3%
77.8%	57.9	58.0	0.1	0.2%
79.0%	57.8	57.7	-0.1	-0.1%
80.2%	57.7	57.7	0.0	-0.1%
81.5%	57.7	57.6	-0.1	-0.2%
82.7%	57.7	57.4	-0.3	-0.5%
84.0%	57.6	57.3	-0.3	-0.5%
85.2%	57.5	57.3	-0.2	-0.4%
86.4%	57.4	57.3	-0.1	-0.2%
87.7%	57.3	57.3	-0.1	-0.1%
88.9%	57.3	57.2	0.0	-0.1%
90.1%	57.2	57.1	-0.1	-0.2%
91.4%	57.2	57.1	-0.1	-0.1%
92.6%	57.1	57.1	-0.1	-0.1%
93.8%	57.1	57.0	0.0	0.0%
95.1%	56.7	57.0	0.3	0.6%
96.3%	56.7	56.9	0.2	0.3%
97.5%	56.6	56.8	0.2	0.4%
98.8%	56.5	56.6	0.1	0.1%
100.0%	56.5	56.6	0.1	0.1%

August				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	75.5	75.5	0.0	0.0%
1.2%	69.7	67.9	-1.7	-2.5%
2.5%	69.6	67.0	-2.7	-3.8%
3.7%	67.9	66.5	-1.3	-2.0%
4.9%	64.4	63.2	-1.1	-1.8%
6.2%	64.2	62.5	-1.7	-2.7%
7.4%	63.8	62.2	-1.6	-2.5%
8.6%	63.5	62.1	-1.4	-2.1%
9.9%	63.0	62.0	-1.0	-1.6%
11.1%	63.0	61.7	-1.3	-2.1%
12.3%	62.8	61.6	-1.2	-1.9%
13.6%	62.8	61.6	-1.2	-1.9%
14.8%	62.7	61.5	-1.2	-1.9%
16.0%	62.6	61.5	-1.1	-1.8%
17.3%	62.5	61.5	-1.0	-1.7%
18.5%	62.5	61.4	-1.0	-1.6%
19.8%	62.4	61.4	-1.0	-1.6%
21.0%	62.3	61.3	-0.9	-1.5%
22.2%	62.2	61.3	-0.9	-1.5%
23.5%	62.1	61.3	-0.8	-1.3%
24.7%	62.0	61.2	-0.7	-1.2%
25.9%	62.0	61.1	-0.8	-1.3%
27.2%	61.9	61.1	-0.7	-1.2%
28.4%	61.8	61.1	-0.7	-1.1%
29.6%	61.8	61.1	-0.6	-1.0%
30.9%	61.5	61.1	-0.4	-0.7%
32.1%	61.4	61.0	-0.4	-0.7%
33.3%	61.4	61.0	-0.4	-0.7%
34.6%	61.3	61.0	-0.3	-0.5%
35.8%	61.3	61.0	-0.3	-0.4%
37.0%	61.2	60.8	-0.4	-0.6%
38.3%	61.2	60.8	-0.4	-0.6%
39.5%	61.2	60.8	-0.4	-0.6%
40.7%	61.1	60.8	-0.4	-0.6%
42.0%	61.1	60.8	-0.3	-0.6%
43.2%	61.1	60.8	-0.3	-0.6%
44.4%	61.0	60.7	-0.3	-0.5%
45.7%	61.0	60.7	-0.3	-0.4%
46.9%	61.0	60.7	-0.3	-0.5%
48.1%	61.0	60.7	-0.3	-0.4%
49.4%	61.0	60.7	-0.3	-0.4%
50.6%	60.9	60.6	-0.3	-0.5%
51.9%	60.9	60.6	-0.3	-0.5%
53.1%	60.9	60.6	-0.3	-0.5%
54.3%	60.9	60.5	-0.3	-0.5%
55.6%	60.8	60.5	-0.3	-0.5%
56.8%	60.8	60.5	-0.3	-0.5%
58.0%	60.8	60.4	-0.3	-0.5%
59.3%	60.7	60.4	-0.3	-0.5%
60.5%	60.7	60.3	-0.4	-0.6%
61.7%	60.7	60.3	-0.4	-0.6%
63.0%	60.7	60.3	-0.4	-0.6%
64.2%	60.6	60.2	-0.4	-0.7%
65.4%	60.6	60.1	-0.5	-0.8%
66.7%	60.4	60.1	-0.4	-0.6%
67.9%	60.4	60.0	-0.4	-0.7%
69.1%	60.4	59.9	-0.5	-0.8%
70.4%	60.4	59.9	-0.5	-0.8%
71.6%	60.3	59.9	-0.4	-0.6%
72.8%	60.2	59.8	-0.4	-0.7%
74.1%	60.2	59.8	-0.4	-0.7%
75.3%	60.2	59.7	-0.4	-0.7%
76.5%	60.0	59.6	-0.4	-0.6%
77.8%	60.0	59.6	-0.4	-0.6%
79.0%	59.9	59.6	-0.3	-0.6%
80.2%	59.9	59.6	-0.3	-0.6%
81.5%	59.8	59.6	-0.2	-0.4%
82.7%	59.6	59.6	0.0	0.0%
84.0%	59.5	59.5	-0.1	-0.1%
85.2%	59.5	59.4	-0.1	-0.2%
86.4%	59.4	59.4	0.0	0.0%
87.7%	59.3	59.4	0.1	0.1%
88.9%	59.3	59.3	0.0	0.0%
90.1%	59.2	59.1	-0.1	-0.2%
91.4%	59.2	58.9	-0.3	-0.5%
92.6%	59.1	58.9	-0.2	-0.4%
93.8%	58.9	58.5	-0.4	-0.6%
95.1%	58.7	58.5	-0.1	-0.2%
96.3%	58.6	58.3	-0.3	-0.5%
97.5%	58.2	57.9	-0.4	-0.6%
98.8%	57.8	57.6	-0.3	-0.4%
100.0%	57.8	57.6	-0.3	-0.4%

September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	73.8	71.6	-2.2	-3.0%
1.2%	72.2	71.4	-0.8	-1.1%
2.5%	71.0	69.3	-1.7	-2.4%
3.7%	69.9	68.8	-1.1	-1.6%
4.9%	68.9	66.6	-2.3	-3.4%
6.2%	68.5	65.4	-3.1	-4.5%
7.4%	68.2	65.4	-2.8	-4.2%
8.6%	67.4	64.2	-3.1	-4.7%
9.9%	66.6	64.2	-2.4	-3.6%
11.1%	66.1	64.1	-2.0	-3.0%
12.3%	65.5	64.1	-1.4	-2.1%
13.6%	65.3	63.8	-1.5	-2.4%
14.8%	65.0	63.0	-2.0	-3.1%
16.0%	65.0	62.7	-2.3	-3.5%
17.3%	64.8	62.7	-2.2	-3.3%
18.5%	64.8	62.6	-2.2	-3.4%
19.8%	64.8	62.5	-2.3	-3.6%
21.0%	64.8	62.4	-2.4	-3.7%
22.2%	64.4	62.1	-2.4	-3.7%
23.5%	64.2	61.8	-2.4	-3.7%
24.7%	64.1	61.6	-2.5	-3.8%
25.9%	63.8	61.6	-2.2	-3.5%
27.2%	63.6	61.4	-2.2	-3.5%
28.4%	63.4	61.4	-2.0	-3.2%
29.6%	63.4	61.3	-2.0	-3.2%
30.9%	63.3	61.3	-2.1	-3.3%
32.1%	63.0	61.2	-1.8	-2.8%
33.3%	62.7	61.2	-1.5	-2.4%
34.6%	62.6	61.1	-1.6	-2.5%
35.8%	62.6	61.0	-1.5	-2.5%
37.0%	62.5	61.0	-1.5	-2.3%
38.3%	62.3	61.0	-1.3	-2.1%
39.5%	62.3	60.8	-1.5	-2.4%
40.7%	62.2	60.6	-1.6	-2.5%
42.0%	62.1	60.5	-1.6	-2.6%
43.2%	61.9	60.4	-1.5	-2.5%
44.4%	61.9	60.4	-1.5	-2.5%
45.7%	61.4	60.4	-1.0	-1.7%
46.9%	61.4	60.3	-1.1	-1.8%
48.1%	61.1	60.3	-0.8	-1.2%
49.4%	61.0	60.3	-0.7	-1.2%
50.6%	61.0	60.3	-0.8	-1.3%
51.9%	60.8	60.2	-0.6	-1.0%
53.1%	60.6	60.0	-0.6	-1.0%
54.3%	59.7	59.8	0.1	0.1%
55.6%	59.6	59.8	0.2	0.3%
56.8%	59.3	59.7	0.3	0.5%
58.0%	59.2	59.6	0.5	0.8%
59.3%	58.6	59.5	0.9	1.5%
60.5%	58.6	59.5	0.9	1.6%
61.7%	58.5	59.4	0.9	1.5%
63.0%	58.1	59.3	1.2	2.0%
64.2%	58.0	59.2	1.2	2.0%
65.4%	58.0	59.2	1.2	2.0%
66.7%	58.0	58.9	1.0	1.7%
67.9%	57.6	58.9	1.3	2.2%
69.1%	57.5	58.1	0.5	0.9%
70.4%	57.5	57.8	0.3	0.6%
71.6%	57.4	57.8	0.3	0.6%
72.8%	57.4	57.7	0.3	0.5%
74.1%	57.4	57.7	0.3	0.5%
75.3%	57.2	57.5	0.3	0.5%
76.5%	57.2	57.5	0.2	0.4%
77.8%	57.2	57.4	0.2	0.4%
79.0%	57.0	57.3	0.3	0.5%
80.2%	57.0	57.3	0.3	0.5%
81.5%	56.9	57.2	0.4	0.7%
82.7%	56.8	56.6	-0.2	-0.4%
84.0%	56.5	56.3	-0.2	-0.3%
85.2%	56.3	56.1	-0.2	-0.3%
86.4%	56.2	55.9	-0.3	-0.6%
87.7%	56.0	55.8	-0.2	-0.4%
88.9%	55.8	55.7	-0.1	-0.2%
90.1%	55.8	55.6	-0.2	-0.3%
91.4%	55.7	55.6	-0.1	-0.3%
92.6%	55.6	55.5	0.0	0.0%
93.8%	55.5	55.5	0.0	0.0%
95.1%	55.5	55.1	-0.3	-0.6%
96.3%	55.3	55.1	-0.2	-0.4%
97.5%	55.1	55.1	0.0	0.0%
98.8%	54.9	54.4	-0.4	-0.8%
100.0%	54.9	54.4	-0.4	-0.8%

Table SQ8-1b

Sacramento River below Red Bluff, Monthly Temperature

Probability of Exceedance

June to September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	69.2	69.0	-0.2	-0.3%
1.2%	67.8	66.0	-1.8	-2.6%
2.5%	66.4	64.9	-1.5	-2.2%
3.7%	65.1	64.0	-1.1	-1.7%
4.9%	64.4	62.3	-2.1	-3.3%
6.2%	63.3	62.2	-1.0	-1.6%
7.4%	62.7	61.9	-0.8	-1.3%
8.6%	62.3	61.5	-0.8	-1.3%
9.9%	62.3	61.4	-0.9	-1.5%
11.1%	62.3	61.3	-1.0	-1.7%
12.3%	62.3	61.2	-1.1	-1.8%
13.6%	62.2	61.1	-1.1	-1.7%
14.8%	61.8	61.1	-0.7	-1.1%
16.0%	61.6	61.0	-0.6	-1.0%
17.3%	61.6	60.9	-0.7	-1.1%
18.5%	61.5	60.9	-0.6	-1.0%
19.8%	61.5	60.8	-0.6	-1.0%
21.0%	61.3	60.8	-0.5	-0.8%
22.2%	61.2	60.7	-0.5	-0.8%
23.5%	61.2	60.7	-0.5	-0.8%
24.7%	61.1	60.6	-0.5	-0.9%
25.9%	61.0	60.5	-0.5	-0.8%
27.2%	60.8	60.4	-0.4	-0.6%
28.4%	60.7	60.3	-0.4	-0.7%
29.6%	60.6	60.3	-0.3	-0.5%
30.9%	60.6	60.3	-0.3	-0.5%
32.1%	60.5	60.3	-0.3	-0.5%
33.3%	60.5	60.2	-0.4	-0.6%
34.6%	60.4	60.1	-0.3	-0.5%
35.8%	60.4	60.0	-0.4	-0.7%
37.0%	60.3	60.0	-0.3	-0.6%
38.3%	60.2	60.0	-0.2	-0.4%
39.5%	60.2	60.0	-0.2	-0.4%
40.7%	60.1	59.9	-0.2	-0.4%
42.0%	60.0	59.9	-0.1	-0.2%
43.2%	60.0	59.8	-0.2	-0.3%
44.4%	59.9	59.8	-0.1	-0.2%
45.7%	59.9	59.6	-0.3	-0.5%
46.9%	59.9	59.5	-0.3	-0.6%
48.1%	59.8	59.5	-0.3	-0.5%
49.4%	59.8	59.5	-0.3	-0.5%
50.6%	59.8	59.5	-0.3	-0.5%
51.9%	59.7	59.4	-0.3	-0.5%
53.1%	59.6	59.4	-0.2	-0.4%
54.3%	59.6	59.4	-0.2	-0.4%
55.6%	59.6	59.4	-0.2	-0.4%
56.8%	59.4	59.3	-0.1	-0.2%
58.0%	59.2	59.3	0.1	0.1%
59.3%	59.2	59.3	0.1	0.2%
60.5%	59.1	59.2	0.1	0.2%
61.7%	59.1	59.2	0.1	0.2%
63.0%	59.0	59.2	0.2	0.3%
64.2%	59.0	59.0	0.0	0.1%
65.4%	58.9	59.0	0.1	0.2%
66.7%	58.8	58.9	0.1	0.1%
67.9%	58.8	58.9	0.0	0.1%
69.1%	58.8	58.8	0.0	0.0%
70.4%	58.8	58.8	0.0	0.0%
71.6%	58.7	58.5	-0.2	-0.3%
72.8%	58.7	58.5	-0.2	-0.4%
74.1%	58.6	58.5	-0.1	-0.2%
75.3%	58.6	58.4	-0.1	-0.2%
76.5%	58.4	58.4	0.0	0.0%
77.8%	58.2	58.3	0.1	0.2%
79.0%	58.2	58.2	0.0	0.1%
80.2%	58.1	58.1	0.1	0.1%
81.5%	58.0	58.1	0.0	0.1%
82.7%	58.0	58.1	0.1	0.1%
84.0%	57.9	58.0	0.1	0.2%
85.2%	57.9	58.0	0.1	0.2%
86.4%	57.9	57.9	0.0	0.1%
87.7%	57.7	57.9	0.1	0.2%
88.9%	57.5	57.9	0.4	0.7%
90.1%	57.5	57.8	0.3	0.5%
91.4%	57.5	57.6	0.2	0.3%
92.6%	57.4	57.6	0.2	0.4%
93.8%	57.3	57.5	0.2	0.3%
95.1%	57.3	57.5	0.1	0.3%
96.3%	57.3	57.3	0.1	0.1%
97.5%	57.3	57.2	-0.1	-0.2%
98.8%	57.2	57.1	0.0	-0.1%
100.0%	56.9	57.0	0.1	0.1%

July to September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	71.6	71.6	0.0	0.0%
1.2%	69.6	67.2	-2.4	-3.5%
2.5%	68.7	66.9	-1.8	-2.6%
3.7%	66.7	65.6	-1.1	-1.7%
4.9%	65.5	63.4	-2.1	-3.2%
6.2%	64.7	62.8	-1.9	-3.0%
7.4%	64.0	62.5	-1.5	-2.4%
8.6%	63.6	62.2	-1.4	-2.2%
9.9%	63.5	62.0	-1.5	-2.4%
11.1%	63.2	61.9	-1.3	-2.0%
12.3%	62.8	61.9	-0.9	-1.4%
13.6%	62.7	61.7	-1.0	-1.6%
14.8%	62.7	61.6	-1.1	-1.7%
16.0%	62.6	61.6	-1.1	-1.7%
17.3%	62.5	61.5	-1.0	-1.6%
18.5%	62.4	61.4	-0.9	-1.5%
19.8%	62.2	61.3	-1.0	-1.5%
21.0%	62.2	61.3	-1.0	-1.5%
22.2%	61.9	61.1	-0.8	-1.3%
23.5%	61.9	61.1	-0.8	-1.4%
24.7%	61.7	61.0	-0.6	-1.0%
25.9%	61.6	60.8	-0.8	-1.3%
27.2%	61.5	60.7	-0.8	-1.3%
28.4%	61.5	60.7	-0.8	-1.4%
29.6%	61.5	60.5	-1.0	-1.6%
30.9%	61.5	60.5	-0.9	-1.5%
32.1%	61.2	60.5	-0.7	-1.1%
33.3%	61.1	60.4	-0.7	-1.2%
34.6%	61.1	60.3	-0.7	-1.2%
35.8%	60.8	60.3	-0.5	-0.8%
37.0%	60.8	60.3	-0.5	-0.8%
38.3%	60.7	60.3	-0.4	-0.7%
39.5%	60.7	60.2	-0.5	-0.8%
40.7%	60.6	60.2	-0.5	-0.7%
42.0%	60.6	60.1	-0.5	-0.8%
43.2%	60.5	60.1	-0.4	-0.7%
44.4%	60.5	60.1	-0.4	-0.7%
45.7%	60.4	60.0	-0.5	-0.8%
46.9%	60.3	59.8	-0.5	-0.8%
48.1%	60.2	59.7	-0.5	-0.8%
49.4%	60.1	59.7	-0.4	-0.6%
50.6%	60.0	59.6	-0.4	-0.7%
51.9%	60.0	59.6	-0.4	-0.7%
53.1%	59.9	59.6	-0.3	-0.5%
54.3%	59.8	59.6	-0.2	-0.3%
55.6%	59.7	59.6	-0.2	-0.3%
56.8%	59.7	59.6	-0.2	-0.3%
58.0%	59.7	59.5	-0.2	-0.4%
59.3%	59.6	59.4	-0.2	-0.4%
60.5%	59.6	59.4	-0.2	-0.4%
61.7%	59.5	59.3	-0.1	-0.2%
63.0%	59.5	59.3	-0.1	-0.2%
64.2%	59.3	59.3	0.0	-0.1%
65.4%	59.3	59.2	-0.1	-0.2%
66.7%	59.3	59.2	-0.1	-0.1%
67.9%	59.3	59.2	-0.1	-0.2%
69.1%	59.3	59.1	-0.2	-0.3%
70.4%	59.2	59.1	-0.1	-0.2%
71.6%	59.1	59.0	-0.1	-0.1%
72.8%	59.1	59.0	-0.1	-0.2%
74.1%	59.1	58.9	-0.2	-0.4%
75.3%	58.9	58.6	-0.3	-0.6%
76.5%	58.9	58.5	-0.4	-0.6%
77.8%	58.6	58.4	-0.2	-0.4%
79.0%	58.6	58.4	-0.2	-0.3%
80.2%	58.4	58.3	-0.1	-0.2%
81.5%	58.4	58.1	-0.3	-0.5%
82.7%	58.2	58.1	-0.1	-0.1%
84.0%	58.0	58.0	0.0	0.0%
85.2%	57.9	57.9	0.0	0.0%
86.4%	57.9	57.9	0.0	0.0%
87.7%	57.8	57.9	0.0	0.1%
88.9%	57.8	57.6	-0.1	-0.2%
90.1%	57.7	57.6	-0.1	-0.3%
91.4%	57.7	57.6	-0.1	-0.2%
92.6%	57.7	57.5	-0.1	-0.3%
93.8%	57.6	57.5	-0.2	-0.3%
95.1%	57.6	57.4	-0.2	-0.3%
96.3%	57.3	57.4	0.1	0.1%
97.5%	57.3	57.4	0.1	0.1%
98.8%	57.2	57.3	0.1	0.1%
100.0%	57.2	56.9	-0.3	-0.4%

August to September				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	72.2	72.2	-0.1	-0.1%
1.2%	71.7	69.6	-2.1	-2.9%
2.5%	70.9	69.3	-1.6	-2.3%
3.7%	69.4	67.9	-1.5	-2.2%
4.9%	67.1	64.9	-2.2	-3.3%
6.2%	66.2	63.4	-2.8	-4.3%
7.4%	65.4	63.2	-2.2	-3.4%
8.6%	64.9	63.2	-1.7	-2.6%
9.9%	64.4	63.1	-1.3	-2.0%
11.1%	64.0	62.9	-1.1	-1.8%
12.3%	64.0	62.7	-1.2	-1.9%
13.6%	63.7	62.7	-1.1	-1.7%
14.8%	63.7	62.4	-1.3	-2.1%
16.0%	63.5	61.9	-1.6	-2.5%
17.3%	63.4	61.9	-1.5	-2.4%
18.5%	63.2	61.8	-1.4	-2.2%
19.8%	63.1	61.7	-1.4	-2.2%
21.0%	62.8	61.6	-1.2	-2.0%
22.2%	62.7	61.5	-1.2	-1.9%
23.5%	62.7	61.3	-1.3	-2.1%
24.7%	62.5	61.3	-1.2	-1.9%
25.9%	62.4	61.3	-1.1	-1.8%
27.2%	62.4	61.1	-1.3	-2.1%
28.4%	62.2	61.0	-1.2	-1.9%
29.6%	62.1	61.0	-1.1	-1.8%
30.9%	62.0	61.0	-1.1	-1.7%
32.1%	62.0	61.0	-1.0	-1.7%
33.3%	61.9	60.9	-1.0	-1.6%
34.6%	61.8	60.9	-0.9	-1.5%
35.8%	61.8	60.9	-0.9	-1.4%
37.0%	61.7	60.8	-0.9	-1.5%
38.3%	61.6	60.6	-1.0	-1.6%
39.5%	61.6	60.6	-1.0	-1.6%
40.7%	61.5	60.6	-0.9	-1.5%
42.0%	61.3	60.5	-0.8	-1.2%
43.2%	61.2	60.5	-0.7	-1.2%
44.4%	61.1	60.4	-0.6	-1.0%
45.7%	60.9	60.4	-0.5	-0.9%
46.9%	60.7	60.3	-0.4	-0.6%
48.1%	60.7	60.3	-0.5	-0.7%
49.4%	60.6	60.2	-0.4	-0.7%
50.6%	60.5	60.2	-0.3	-0.5%
51.9%	60.5	60.2	-0.3	-0.5%
53.1%	60.3	60.2	-0.1	-0.2%
54.3%	60.3	60.1	-0.2	-0.3%
55.6%	60.2	59.9	-0.3	-0.5%
56.8%	60.2	59.9	-0.3	-0.4%
58.0%	60.1	59.8	-0.2	-0.4%
59.3%	60.0	59.8	-0.2	-0.3%
60.5%	59.9	59.8	-0.2	-0.3%
61.7%	59.9	59.8	-0.2	-0.3%
63.0%	59.8	59.7	-0.1	-0.2%
64.2%	59.7	59.7	0.0	0.0%
65.4%	59.6	59.7	0.1	0.1%
66.7%	59.6	59.3	-0.3	-0.4%
67.9%	59.6	59.3	-0.3	-0.5%
69.1%	59.5	59.2	-0.3	-0.5%
70.4%	59.4	59.2	-0.3	-0.5%
71.6%	59.4	59.1	-0.4	-0.6%
72.8%	59.4	59.0	-0.3	-0.6%
74.1%	59.3	58.8	-0.5	-0.8%
75.3%	59.1	58.8	-0.2	-0.4%
76.5%	58.8	58.8	0.0	-0.1%
77.8%	58.7	58.6	-0.1	-0.2%
79.0%	58.6	58.5	-0.1	-0.2%
80.2%	58.6	58.4	-0.1	-0.2%
81.5%	58.5	58.4	-0.1	-0.2%
82.7%	58.5	58.2	-0.3	-0.5%
84.0%	58.4	58.2	-0.2	-0.4%
85.2%	58.3	58.2	-0.2	-0.3%
86.4%	58.1	58.1	0.1	0.1%
87.7%	58.0	58.0	-0.1	-0.1%
88.9%	57.9	57.8	0.0	0.0%
90.1%	57.8	57.6	-0.2	-0.4%
91.4%	57.7	57.6	-0.1	-0.2%
92.6%	57.7	57.5	-0.3	-0.4%
93.8%	57.7	57.4	-0.3	-0.5%
95.1%	57.6	57.4	-0.3	-0.4%
96.3%	57.6	57.3	-0.3	-0.5%
97.5%	57.5	57.1	-0.3	-0.6%
98.8%	57.1	57.0	-0.1	-0.2%
100.0%	56.8	56.1	-0.7	-1.2%

Figure SQ9-1b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

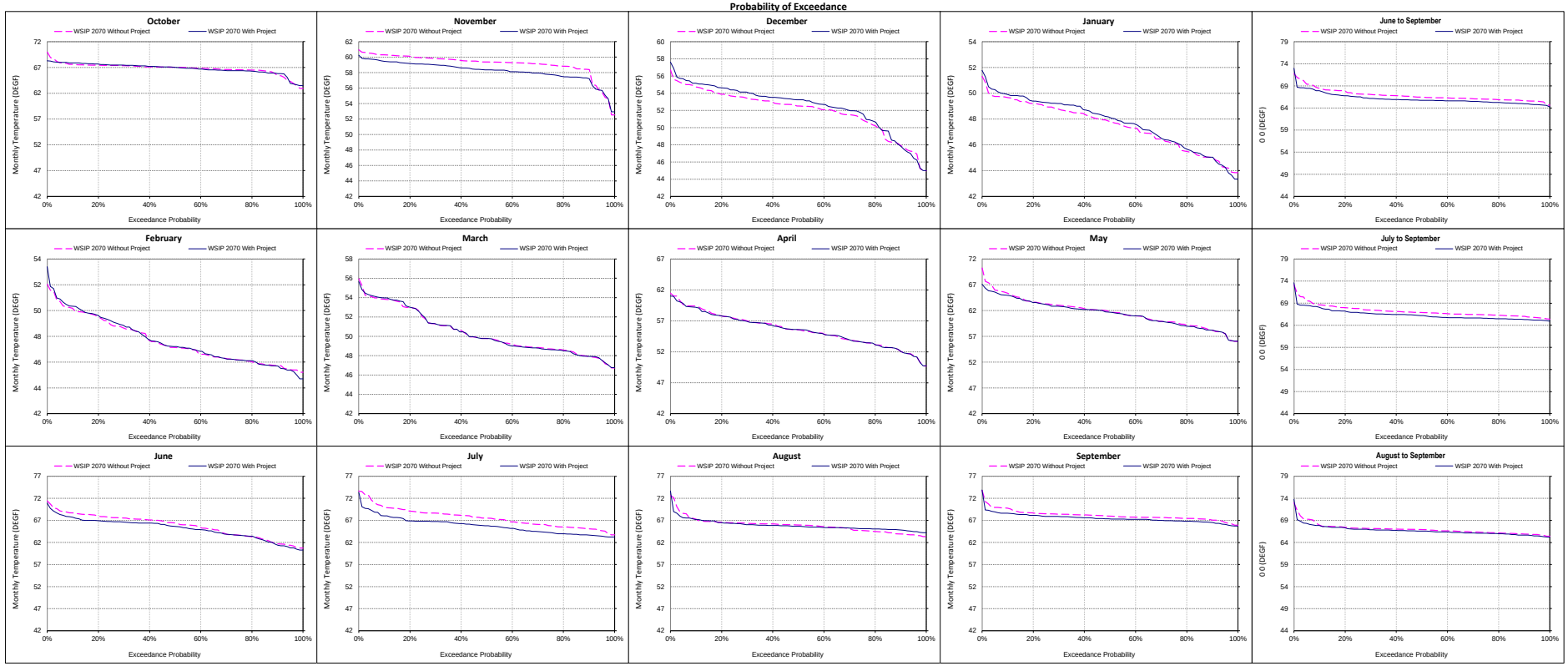


Table SQ9-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	70.0	68.3	-1.7	-2.4%
1.2%	68.9	68.2	-0.7	-1.0%
2.5%	68.7	68.1	-0.6	-0.9%
3.7%	68.2	68.0	-0.2	-0.2%
4.9%	67.9	68.0	0.1	0.1%
6.2%	67.9	68.0	0.1	0.2%
7.4%	67.8	68.0	0.2	0.2%
8.6%	67.6	67.9	0.3	0.4%
9.9%	67.6	67.9	0.3	0.4%
11.1%	67.5	67.9	0.3	0.5%
12.3%	67.5	67.9	0.3	0.5%
13.6%	67.5	67.8	0.3	0.4%
14.8%	67.5	67.8	0.3	0.4%
16.0%	67.5	67.7	0.3	0.4%
17.3%	67.5	67.7	0.3	0.4%
18.5%	67.4	67.7	0.3	0.4%
19.8%	67.4	67.7	0.2	0.4%
21.0%	67.4	67.6	0.1	0.2%
22.2%	67.4	67.6	0.1	0.2%
23.5%	67.4	67.5	0.1	0.1%
24.7%	67.4	67.5	0.1	0.1%
25.9%	67.4	67.5	0.1	0.1%
27.2%	67.4	67.5	0.1	0.1%
28.4%	67.4	67.4	0.1	0.1%
29.6%	67.4	67.4	0.1	0.1%
30.9%	67.3	67.4	0.1	0.1%
32.1%	67.3	67.4	0.1	0.2%
33.3%	67.3	67.4	0.1	0.2%
34.6%	67.2	67.4	0.1	0.2%
35.8%	67.2	67.3	0.1	0.2%
37.0%	67.2	67.3	0.1	0.2%
38.3%	67.1	67.3	0.2	0.3%
39.5%	67.1	67.2	0.1	0.2%
40.7%	67.1	67.2	0.1	0.2%
42.0%	67.1	67.2	0.1	0.2%
43.2%	67.1	67.1	0.0	0.1%
44.4%	67.1	67.1	0.0	0.1%
45.7%	67.1	67.1	0.0	0.1%
46.9%	67.1	67.1	0.0	0.0%
48.1%	67.1	67.1	0.0	0.0%
49.4%	67.1	67.1	0.0	0.0%
50.6%	67.0	67.0	-0.1	-0.1%
51.9%	67.0	66.9	-0.1	-0.2%
53.1%	67.0	66.9	-0.1	-0.2%
54.3%	67.0	66.9	-0.1	-0.2%
55.6%	66.9	66.9	-0.1	-0.1%
56.8%	66.9	66.8	-0.1	-0.1%
58.0%	66.9	66.8	-0.1	-0.2%
59.3%	66.8	66.7	-0.1	-0.2%
60.5%	66.8	66.7	-0.1	-0.2%
61.7%	66.8	66.6	-0.2	-0.3%
63.0%	66.8	66.6	-0.3	-0.4%
64.2%	66.8	66.5	-0.3	-0.4%
65.4%	66.8	66.5	-0.2	-0.4%
66.7%	66.7	66.5	-0.2	-0.3%
67.9%	66.7	66.5	-0.2	-0.3%
69.1%	66.6	66.4	-0.2	-0.2%
70.4%	66.6	66.4	-0.2	-0.3%
71.6%	66.6	66.4	-0.2	-0.3%
72.8%	66.6	66.4	-0.2	-0.3%
74.1%	66.6	66.4	-0.2	-0.3%
75.3%	66.5	66.4	-0.2	-0.3%
76.5%	66.5	66.4	-0.2	-0.3%
77.8%	66.5	66.3	-0.2	-0.3%
79.0%	66.5	66.3	-0.2	-0.2%
80.2%	66.5	66.3	-0.2	-0.3%
81.5%	66.5	66.2	-0.3	-0.4%
82.7%	66.5	66.1	-0.3	-0.5%
84.0%	66.4	66.1	-0.3	-0.4%
85.2%	66.3	66.1	-0.3	-0.4%
86.4%	66.2	65.9	-0.3	-0.4%
87.7%	66.2	65.9	-0.2	-0.4%
88.9%	65.9	65.9	0.0	0.0%
90.1%	65.4	65.8	0.4	0.7%
91.4%	65.4	65.8	0.4	0.6%
92.6%	65.1	65.8	0.7	1.0%
93.8%	64.5	65.1	0.6	0.9%
95.1%	64.3	63.9	-0.4	-0.6%
96.3%	63.9	63.8	-0.1	-0.2%
97.5%	63.5	63.6	0.2	0.3%
98.8%	62.9	63.5	0.5	0.8%
100.0%	62.9	63.5	0.0	0.8%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.9	60.3	-0.7	-1.1%
1.2%	60.6	59.8	-0.8	-1.3%
2.5%	60.6	59.8	-0.8	-1.4%
3.7%	60.5	59.8	-0.8	-1.3%
4.9%	60.5	59.7	-0.8	-1.3%
6.2%	60.4	59.7	-0.7	-1.2%
7.4%	60.3	59.6	-0.7	-1.1%
8.6%	60.3	59.5	-0.8	-1.3%
9.9%	60.3	59.5	-0.8	-1.4%
11.1%	60.3	59.4	-0.9	-1.4%
12.3%	60.2	59.4	-0.8	-1.4%
13.6%	60.2	59.4	-0.8	-1.4%
14.8%	60.2	59.4	-0.8	-1.3%
16.0%	60.2	59.3	-0.9	-1.5%
17.3%	60.2	59.3	-0.9	-1.5%
18.5%	60.1	59.2	-0.9	-1.6%
19.8%	60.1	59.2	-0.9	-1.6%
21.0%	60.1	59.1	-0.9	-1.5%
22.2%	60.0	59.1	-0.8	-1.4%
23.5%	60.0	59.1	-0.8	-1.4%
24.7%	59.9	59.1	-0.8	-1.3%
25.9%	59.9	59.1	-0.8	-1.4%
27.2%	59.9	59.1	-0.8	-1.4%
28.4%	59.9	59.0	-0.8	-1.4%
29.6%	59.8	59.0	-0.8	-1.4%
30.9%	59.8	59.0	-0.8	-1.4%
32.1%	59.8	58.9	-0.8	-1.4%
33.3%	59.8	58.9	-0.8	-1.4%
34.6%	59.7	58.9	-0.9	-1.4%
35.8%	59.7	58.8	-0.9	-1.5%
37.0%	59.7	58.8	-0.9	-1.5%
38.3%	59.6	58.7	-0.9	-1.6%
39.5%	59.6	58.6	-1.0	-1.6%
40.7%	59.5	58.6	-0.9	-1.6%
42.0%	59.5	58.6	-0.9	-1.5%
43.2%	59.5	58.6	-0.9	-1.6%
44.4%	59.5	58.5	-1.0	-1.7%
45.7%	59.5	58.4	-1.1	-1.8%
46.9%	59.4	58.4	-1.0	-1.7%
48.1%	59.4	58.4	-1.0	-1.7%
49.4%	59.4	58.4	-1.0	-1.7%
50.6%	59.4	58.4	-1.0	-1.7%
51.9%	59.4	58.4	-1.0	-1.7%
53.1%	59.4	58.3	-1.0	-1.7%
54.3%	59.3	58.3	-1.0	-1.7%
55.6%	59.3	58.3	-1.0	-1.7%
56.8%	59.3	58.3	-1.0	-1.7%
58.0%	59.3	58.2	-1.1	-1.8%
59.3%	59.3	58.1	-1.2	-2.0%
60.5%	59.3	58.1	-1.2	-2.0%
61.7%	59.3	58.1	-1.2	-2.0%
63.0%	59.3	58.1	-1.2	-2.0%
64.2%	59.2	58.1	-1.2	-2.0%
65.4%	59.2	58.1	-1.2	-2.0%
66.7%	59.2	58.0	-1.2	-2.0%
67.9%	59.2	57.9	-1.2	-2.0%
69.1%	59.1	57.9	-1.2	-2.1%
70.4%	59.1	57.9	-1.2	-2.0%
71.6%	59.1	57.9	-1.2	-2.0%
72.8%	59.1	57.8	-1.3	-2.1%
74.1%	59.0	57.8	-1.3	-2.1%
75.3%	59.0	57.7	-1.2	-2.1%
76.5%	58.9	57.7	-1.2	-2.1%
77.8%	58.9	57.6	-1.3	-2.1%
79.0%	58.8	57.5	-1.3	-2.3%
80.2%	58.8	57.5	-1.4	-2.3%
81.5%	58.8	57.5	-1.3	-2.3%
82.7%	58.8	57.4	-1.4	-2.3%
84.0%	58.7	57.4	-1.3	-2.2%
85.2%	58.5	57.4	-1.1	-1.9%
86.4%	58.5	57.4	-1.1	-1.9%
87.7%	58.4	57.3	-1.1	-1.9%
88.9%	58.4	57.3	-1.1	-1.9%
90.1%	58.4	57.2	-1.2	-2.0%
91.4%	56.4	56.3	-0.1	-0.2%
92.6%	56.4	55.9	-0.5	-0.9%
93.8%	55.8	55.8	0.0	0.0%
95.1%	55.5	55.7	0.2	0.4%
96.3%	54.8	55.0	0.2	0.4%
97.5%	54.6	54.6	0.0	0.1%
98.8%	52.5	52.9	0.4	0.8%
100.0%	52.5	52.9	0.4	0.8%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.7	57.6	0.9	1.6%
1.2%	55.6	56.9	1.3	2.3%
2.5%	55.5	55.9	0.4	0.8%
3.7%	55.3	55.7	0.4	0.8%
4.9%	55.1	55.7	0.6	1.0%
6.2%	55.0	55.5	0.5	0.8%
7.4%	55.0	55.5	0.4	0.8%
8.6%	54.9	55.2	0.2	0.5%
9.9%	54.7	55.2	0.4	0.8%
11.1%	54.7	55.1	0.4	0.7%
12.3%	54.6	55.1	0.5	0.9%
13.6%	54.3	55.0	0.7	1.2%
14.8%	54.3	55.0	0.6	1.2%
16.0%	54.3	54.9	0.6	1.2%
17.3%	54.0	54.9	0.8	1.5%
18.5%	54.0	54.7	0.7	1.3%
19.8%	53.9	54.6	0.8	1.4%
21.0%	53.9	54.6	0.7	1.4%
22.2%	53.8	54.6	0.7	1.4%
23.5%	53.7	54.4	0.7	1.3%
24.7%	53.6	54.4	0.7	1.4%
25.9%	53.6	54.3	0.7	1.4%
27.2%	53.6	54.2	0.6	1.1%
28.4%	53.6	54.1	0.6	1.1%
29.6%	53.4	54.1	0.7	1.3%
30.9%	53.3	54.0	0.7	1.3%
32.1%	53.3	54.0	0.7	1.3%
33.3%	53.3	53.8	0.5	1.0%
34.6%	53.2	53.7	0.5	0.9%
35.8%	53.2	53.6	0.5	0.9%
37.0%	53.1	53.6	0.5	1.0%
38.3%	53.1	53.5	0.4	0.8%
39.5%	53.0	53.5	0.5	0.9%
40.7%	52.8	53.5	0.7	1.3%
42.0%	52.8	53.5	0.7	1.4%
43.2%	52.7	53.5	0.7	1.4%
44.4%	52.7	53.4	0.7	1.3%
45.7%	52.7	53.4	0.7	1.2%
46.9%	52.7	53.3	0.7	1.2%
48.1%	52.7	53.3	0.6	1.1%
49.4%	52.5	53.2	0.7	1.3%
50.6%	52.5	53.2	0.7	1.4%
51.9%	52.5	53.2	0.7	1.4%
53.1%	52.5	53.1	0.6	1.2%
54.3%	52.5	53.1	0.6	1.2%
55.6%	52.4	52.9	0.5	0.9%
56.8%	52.3	52.9	0.6	1.1%
58.0%	52.2	52.7	0.5	1.0%
59.3%	52.1	52.7	0.6	1.2%
60.5%	52.1	52.7	0.6	1.1%
61.7%	52.1	52.5	0.4	0.7%
63.0%	52.0	52.4	0.3	0.7%
64.2%	51.9	52.3	0.4	0.8%
65.4%	51.9	52.3	0.4	0.8%
66.7%	51.6	52.3	0.7	1.3%
67.9%	51.5	52.2	0.6	1.3%
69.1%	51.5	52.1	0.6	1.1%
70.4%	51.5	52.0	0.5	0.9%
71.6%	51.4	52.0	0.5	1.0%
72.8%	51.4	52.0	0.6	1.1%
74.1%	51.1	51.8	0.7	1.3%
75.3%	50.9	51.6	0.7	1.4%
76.5%	50.7	50.9	0.2	0.5%
77.8%	50.5	50.9	0.4	0.7%
79.0%	50.3	50.8	0.5	0.9%
80.2%	50.2	50.6	0.4	0.9%
81.5%	49.9	50.1	0.2	0.4%
82.7%	49.8	49.7	-0.1	-0.2%
84.0%	48.7	49.6	1.0	2.0%
85.2%	48.4	49.6	1.2	2.5%
86.4%	48.3	48.5	0.2	0.5%
87.7%	48.3	48.5	0.2	0.4%
88.9%	48.2	48.1	-0.1	-0.2%
90.1%	47.9	47.8	-0.1	-0.2%
91.4%	47.7	47.5	-0.2	-0.5%
92.6%	47.4	47.2	-0.2	-0.5%
93.8%	47.3	47.0	-0.3	-0.6%
95.1%	47.2	46.4	-0.8	-1.7%
96.3%	46.9	46.2	-0.7	-1.5%
97.5%	45.2	45.3	0.0	0.1%
98.8%	45.0	45.0	0.0	0.0%
100.0%	45.0	45.0	0.0	0.0%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	51.3	51.8	0.5	0.9%
1.2%	50.9	51.3	0.4	0.8%
2.5%	50.0	50.5	0.5	1.0%
3.7%	49.8	50.3	0.5	1.0%
4.9%	49.8	50.3	0.5	1.1%
6.2%	49.8	50.1	0.4	0.7%
7.4%	49.7	50.0	0.3	0.6%
8.6%	49.7	50.0	0.2	0.5%
9.9%	49.7	49.9	0.2	0.5%
11.1%	49.6	49.8	0.2	0.4%
12.3%	49.5	49.8	0.3	0.7%
13.6%	49.5	49.8	0.3	0.7%
14.8%	49.4	49.8	0.4	0.9%
16.0%	49.4	49.8	0.4	0.9%
17.3%	49.3	49.6	0.3	0.6%
18.5%	49.2	49.4	0.2	0.5%
19.8%	49.2	49.4	0.2	0.4%
21.0%	49.2	49.4	0.2	0.4%
22.2%	49.1	49.4	0.2	0.4%
23.5%	49.1	49.3	0.2	0.4%
24.7%	49.0	49.3	0.3	0.7%
25.9%	48.9	49.3	0.3	0.7%
27.2%	48.9	49.2	0.3	0.6%
28.4%	48.8	49.2	0.4	0.8%
29.6%	48.8	49.2	0.4	0.9%
30.9%	48.7	49.2	0.5	1.0%
32.1%	48.7	49.1	0.4	0.9%
33.3%	48.6	49.1	0.5	1.1%
34.6%	48.6	49.1	0.5	1.1%
35.8%	48.5	49.1	0.6	1.2%
37.0%	48.5	49.0	0.5	1.1%
38.3%	48.5	49.0	0.5	1.1%
39.5%	48.4	48.7	0.3	0.6%
40.7%	48.3	48.7	0.4	0.8%
42.0%	48.2	48.6	0.4	0.8%
43.2%	48.1	48.5	0.3	0.7%
44.4%	48.0	48.4	0.4	0.8%
45.7%	48.0	48.4	0.4	0.8%
46.9%	47.9	48.3	0.4	0.8%
48.1%	47.9	48.2	0.3	0.6%
49.4%	47.8	48.2	0.3	0.7%
50.6%	47.8	48.1	0.3	0.6%
51.9%	47.7	48.0	0.3	0.7%
53.1%	47.7	47.9	0.2	0.5%
54.3%	47.5	47.8	0.3	0.7%
55.6%	47.5	47.7	0.2	0.5%
56.8%	47.4	47.7	0.3	0.6%
58.0%	47.3	47.7	0.3	0.7%
59.3%	47.3	47.7	0.4	0.8%
60.5%	47.3	47.5	0.3	0.6%
61.7%	47.0	47.4	0.4	0.9%
63.0%	46.9	47.2	0.2	0.5%
64.2%	46.9	47.2	0.3	0.5%
65.4%	46.9	47.1	0.2	0.5%
66.7%	46.8	47.0	0.1	0.3%
67.9%	46.5	46.8	0.3	0.7%
69.1%	46.5	46.6	0.2	0.4%
70.4%	46.4	46.5	0.0	0.1%
71.6%	46.3	46.4	0.1	0.2%
72.8%	46.2	46.4	0.1	0.3%
74.1%	46.1	46.3	0.1	0.3%
75.3%	46.1	46.2	0.1	0.3%
76.5%	46.1	46.1	0.0	0.0%
77.8%	45.6	46.0	0.4	0.9%
79.0%	45.5	45.8	0.2	0.5%
80.2%	45.5	45.6	0.2	0.4%
81.5%	45.4	45.6	0.1	0.3%
82.7%	45.4	45.4	0.0	0.0%
84.0%	45.2	45.4	0.2	0.4%
85.2%	45.1	45.3	0.2	0.4%
86.4%	45.1	45.2	0.1	0.2%
87.7%	45.0	45.1	0.0	0.0%
88.9%	45.0	45.0	0.0	0.0%
90.1%	45.0	45.0	0.0	0.0%
91.4%	44.8	44.7	-0.1	-0.2%
92.6%	44.7	44.5	-0.2	-0.5%
93.8%	44.3	44.4	0.1	0.3%
95.1%	44.2	44.3	0.0	0.0%
96.3%	44.2	43.8	-0.4	-0.8%
97.5%	43.9	43.6	-0.2	-0.5%
98.8%	43.8	43.4	-0.5	-1.1%
100.0%	43.8	43.4	-0.5	-1.1%

Table SQ9-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.0	53.4	1.4	2.6%
1.2%	51.6	51.9	0.3	0.6%
2.5%	51.5	51.7	0.2	0.4%
3.7%	50.8	51.0	0.2	0.3%
4.9%	50.7	50.9	0.2	0.4%
6.2%	50.4	50.6	0.3	0.6%
7.4%	50.3	50.5	0.2	0.4%
8.6%	50.2	50.3	0.1	0.2%
9.9%	50.2	50.3	0.2	0.3%
11.1%	49.9	50.3	0.4	0.8%
12.3%	49.9	50.2	0.2	0.5%
13.6%	49.9	50.0	0.1	0.2%
14.8%	49.8	49.9	0.0	0.0%
16.0%	49.8	49.8	0.0	0.0%
17.3%	49.7	49.8	0.0	0.1%
18.5%	49.7	49.7	0.1	0.1%
19.8%	49.5	49.6	0.1	0.2%
21.0%	49.4	49.5	0.1	0.1%
22.2%	49.2	49.4	0.2	0.4%
23.5%	49.2	49.3	0.1	0.2%
24.7%	48.9	49.2	0.3	0.6%
25.9%	48.8	49.1	0.3	0.6%
27.2%	48.8	49.0	0.2	0.4%
28.4%	48.8	48.9	0.2	0.3%
29.6%	48.7	48.9	0.2	0.4%
30.9%	48.6	48.7	0.2	0.3%
32.1%	48.5	48.7	0.2	0.4%
33.3%	48.5	48.5	0.0	-0.1%
34.6%	48.4	48.4	0.0	0.0%
35.8%	48.3	48.3	0.0	0.1%
37.0%	48.3	48.1	-0.1	-0.2%
38.3%	48.2	48.0	-0.3	-0.5%
39.5%	47.7	47.8	0.0	0.1%
40.7%	47.6	47.6	0.0	0.1%
42.0%	47.6	47.6	0.0	0.0%
43.2%	47.5	47.6	0.1	0.2%
44.4%	47.4	47.5	0.1	0.2%
45.7%	47.3	47.3	0.0	0.0%
46.9%	47.3	47.2	0.0	-0.1%
48.1%	47.1	47.2	0.1	0.2%
49.4%	47.1	47.2	0.1	0.1%
50.6%	47.1	47.2	0.1	0.2%
51.9%	47.1	47.2	0.0	0.1%
53.1%	47.1	47.2	0.1	0.1%
54.3%	47.1	47.1	0.0	0.1%
55.6%	47.0	47.1	0.1	0.1%
56.8%	47.0	47.0	0.0	0.1%
58.0%	46.9	46.9	0.0	0.0%
59.3%	46.6	46.9	0.2	0.5%
60.5%	46.6	46.8	0.2	0.5%
61.7%	46.6	46.7	0.0	0.1%
63.0%	46.5	46.6	0.1	0.2%
64.2%	46.4	46.6	0.1	0.3%
65.4%	46.4	46.4	0.0	0.1%
66.7%	46.4	46.4	0.0	0.0%
67.9%	46.3	46.3	0.0	0.0%
69.1%	46.3	46.3	0.0	0.0%
70.4%	46.3	46.2	0.0	-0.1%
71.6%	46.2	46.2	0.0	0.0%
72.8%	46.2	46.2	0.0	0.0%
74.1%	46.2	46.2	0.0	0.0%
75.3%	46.2	46.2	0.0	0.0%
76.5%	46.2	46.2	0.0	0.0%
77.8%	46.1	46.1	0.0	0.1%
79.0%	46.1	46.1	0.0	0.1%
80.2%	46.0	46.1	0.1	0.2%
81.5%	45.9	46.0	0.1	0.2%
82.7%	45.9	45.8	0.0	-0.1%
84.0%	45.9	45.8	-0.1	-0.2%
85.2%	45.8	45.8	0.0	-0.1%
86.4%	45.8	45.8	0.0	-0.1%
87.7%	45.8	45.7	-0.1	-0.1%
88.9%	45.7	45.7	0.0	-0.1%
90.1%	45.7	45.7	0.0	-0.1%
91.4%	45.7	45.5	-0.2	-0.5%
92.6%	45.5	45.5	0.0	0.0%
93.8%	45.5	45.4	-0.1	-0.2%
95.1%	45.4	45.4	0.0	0.0%
96.3%	45.4	45.3	-0.1	-0.3%
97.5%	45.4	45.0	-0.4	-0.9%
98.8%	45.2	44.7	-0.5	-1.1%
100.0%	45.2	44.7	-0.5	-1.1%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	55.9	55.7	-0.3	-0.5%
1.2%	55.3	54.8	-0.5	-0.8%
2.5%	54.3	54.5	0.2	0.4%
3.7%	54.1	54.3	0.2	0.3%
4.9%	54.1	54.2	0.1	0.2%
6.2%	54.0	54.1	0.2	0.3%
7.4%	54.0	54.1	0.1	0.2%
8.6%	53.9	54.0	0.1	0.2%
9.9%	53.8	54.0	0.1	0.2%
11.1%	53.8	54.0	0.2	0.3%
12.3%	53.8	53.8	0.0	0.1%
13.6%	53.7	53.7	0.0	0.0%
14.8%	53.6	53.7	0.1	0.2%
16.0%	53.6	53.6	0.1	0.1%
17.3%	53.1	53.6	0.5	1.0%
18.5%	53.0	53.1	0.1	0.3%
19.8%	53.0	53.0	0.0	0.1%
21.0%	52.9	52.9	0.0	0.0%
22.2%	52.9	52.9	0.0	0.0%
23.5%	52.7	52.6	-0.1	-0.2%
24.7%	52.1	52.2	0.1	0.3%
25.9%	51.8	51.9	0.1	0.2%
27.2%	51.4	51.4	0.0	-0.1%
28.4%	51.3	51.3	0.0	0.1%
29.6%	51.3	51.3	0.0	0.0%
30.9%	51.2	51.2	0.0	0.0%
32.1%	51.1	51.2	0.1	0.1%
33.3%	51.1	51.1	0.0	0.1%
34.6%	51.1	51.1	0.0	0.0%
35.8%	51.1	51.1	0.1	0.1%
37.0%	50.7	50.7	0.0	0.0%
38.3%	50.7	50.7	0.0	0.0%
39.5%	50.7	50.5	-0.2	-0.4%
40.7%	50.5	50.5	0.0	0.0%
42.0%	50.2	50.3	0.1	0.1%
43.2%	49.9	50.0	0.0	0.1%
44.4%	49.9	50.0	0.0	0.0%
45.7%	49.9	49.9	0.0	0.0%
46.9%	49.8	49.8	0.0	0.1%
48.1%	49.8	49.8	0.0	0.0%
49.4%	49.8	49.8	0.0	0.0%
50.6%	49.8	49.8	0.0	0.0%
51.9%	49.7	49.7	0.0	0.0%
53.1%	49.7	49.6	-0.1	-0.2%
54.3%	49.6	49.5	-0.1	-0.2%
55.6%	49.4	49.5	0.0	0.1%
56.8%	49.3	49.3	0.0	0.0%
58.0%	49.3	49.1	-0.2	-0.3%
59.3%	49.2	49.0	-0.2	-0.4%
60.5%	49.1	49.0	-0.1	-0.3%
61.7%	49.0	49.0	-0.1	-0.1%
63.0%	49.0	49.0	0.0	-0.1%
64.2%	49.0	48.9	-0.1	-0.1%
65.4%	48.9	48.9	-0.1	-0.1%
66.7%	48.9	48.8	-0.1	-0.1%
67.9%	48.9	48.8	-0.1	-0.1%
69.1%	48.8	48.8	0.0	-0.1%
70.4%	48.8	48.8	-0.1	-0.1%
71.6%	48.8	48.7	-0.1	-0.2%
72.8%	48.8	48.7	-0.1	-0.2%
74.1%	48.7	48.6	-0.1	-0.1%
75.3%	48.7	48.6	-0.1	-0.2%
76.5%	48.7	48.6	-0.1	-0.1%
77.8%	48.7	48.6	-0.1	-0.2%
79.0%	48.6	48.6	-0.1	-0.1%
80.2%	48.6	48.5	-0.1	-0.1%
81.5%	48.6	48.5	-0.1	-0.1%
82.7%	48.5	48.4	-0.1	-0.1%
84.0%	48.4	48.2	-0.2	-0.4%
85.2%	48.1	48.1	-0.1	-0.1%
86.4%	48.0	48.0	0.0	-0.1%
87.7%	48.0	48.0	-0.1	-0.1%
88.9%	48.0	47.9	0.0	0.0%
90.1%	47.9	47.9	0.0	0.0%
91.4%	47.9	47.9	0.1	0.1%
92.6%	47.8	47.9	0.1	0.1%
93.8%	47.7	47.8	0.1	0.1%
95.1%	47.6	47.5	-0.1	-0.1%
96.3%	47.2	47.3	0.1	0.2%
97.5%	47.1	47.0	0.0	-0.1%
98.8%	46.7	46.8	0.0	0.1%
100.0%	46.7	46.8	0.0	0.1%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	61.5	61.0	-0.5	-0.8%
1.2%	61.0	61.0	0.0	-0.1%
2.5%	61.0	60.2	-0.8	-1.3%
3.7%	60.3	60.0	-0.2	-0.4%
4.9%	59.6	59.8	0.2	0.4%
6.2%	59.4	59.3	-0.1	-0.2%
7.4%	59.4	59.3	-0.1	-0.2%
8.6%	59.4	59.2	-0.2	-0.3%
9.9%	59.4	59.2	-0.2	-0.3%
11.1%	59.2	59.0	-0.2	-0.3%
12.3%	58.9	58.5	-0.4	-0.7%
13.6%	58.7	58.5	-0.2	-0.4%
14.8%	58.6	58.3	-0.3	-0.6%
16.0%	58.2	58.0	-0.2	-0.4%
17.3%	58.1	58.0	-0.1	-0.2%
18.5%	57.9	57.9	0.0	-0.1%
19.8%	57.8	57.8	0.0	0.0%
21.0%	57.7	57.7	0.0	0.0%
22.2%	57.7	57.7	0.0	0.0%
23.5%	57.5	57.6	0.1	0.2%
24.7%	57.4	57.3	-0.1	-0.2%
25.9%	57.3	57.3	0.0	-0.1%
27.2%	57.3	57.1	-0.2	-0.3%
28.4%	57.2	57.0	-0.1	-0.3%
29.6%	57.0	56.9	-0.1	-0.2%
30.9%	56.9	56.8	-0.1	-0.2%
32.1%	56.8	56.7	0.0	0.0%
33.3%	56.7	56.7	0.0	0.0%
34.6%	56.6	56.7	0.0	0.1%
35.8%	56.6	56.7	0.0	0.0%
37.0%	56.6	56.6	0.0	0.0%
38.3%	56.5	56.4	-0.2	-0.3%
39.5%	56.5	56.3	-0.2	-0.4%
40.7%	56.4	56.1	-0.3	-0.5%
42.0%	56.1	56.1	0.0	-0.1%
43.2%	56.1	55.9	-0.2	-0.3%
44.4%	55.7	55.8	0.1	0.1%
45.7%	55.7	55.7	0.0	0.1%
46.9%	55.6	55.7	0.0	0.1%
48.1%	55.6	55.6	0.0	0.1%
49.4%	55.6	55.6	0.0	0.1%
50.6%	55.5	55.6	0.0	0.1%
51.9%	55.4	55.6	0.2	0.3%
53.1%	55.3	55.5	0.2	0.4%
54.3%	55.3	55.4	0.1	0.1%
55.6%	55.1	55.2	0.1	0.2%
56.8%	55.1	55.1	0.0	0.0%
58.0%	55.1	55.0	-0.1	-0.1%
59.3%	55.0	55.0	-0.1	-0.1%
60.5%	54.8	54.8	0.0	0.0%
61.7%	54.7	54.7	0.0	0.0%
63.0%	54.7	54.7	0.0	0.0%
64.2%	54.6	54.7	0.0	0.1%
65.4%	54.4	54.6	0.2	0.4%
66.7%	54.2	54.4	0.3	0.5%
67.9%	54.1	54.2	0.2	0.3%
69.1%	54.0	54.1	0.1	0.1%
70.4%	53.9	53.9	0.0	0.0%
71.6%	53.8	53.7	-0.1	-0.2%
72.8%	53.7	53.7	0.0	0.0%
74.1%	53.6	53.6	0.0	0.0%
75.3%	53.6	53.6	0.0	0.0%
76.5%	53.5	53.5	0.0	0.0%
77.8%	53.4	53.4	0.0	0.1%
79.0%	53.4	53.4	0.0	0.1%
80.2%	53.1	53.1	0.0	0.0%
81.5%	53.1	53.0	-0.1	-0.1%
82.7%	53.0	52.7	-0.3	-0.5%
84.0%	52.8	52.7	-0.1	-0.2%
85.2%	52.7	52.7	0.0	0.0%
86.4%	52.7	52.7	0.0	0.0%
87.7%	52.6	52.6	0.0	-0.1%
88.9%	52.4	52.4	0.0	0.1%
90.1%	52.1	52.0	0.0	-0.1%
91.4%	51.8	51.8	0.0	0.1%
92.6%	51.7	51.7	0.0	0.0%
93.8%	51.7	51.6	-0.1	-0.1%
95.1%	51.4	51.3	-0.1	-0.2%
96.3%	51.1	51.2	0.0	0.1%
97.5%	50.3	50.3	-0.1	-0.1%
98.8%	49.7	49.7	0.0	0.1%
100.0%	49.7	49.7	0.0	0.1%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	70.2	67.1	-3.2	-4.5%
1.2%	67.7	66.4	-1.3	-1.9%
2.5%	67.4	65.8	-1.6	-2.3%
3.7%	67.0	65.7	-1.2	-1.8%
4.9%	66.0	65.6	-0.4	-0.6%
6.2%	65.9	65.3	-0.5	-0.8%
7.4%	65.7	65.1	-0.6	-1.0%
8.6%	65.6	65.0	-0.6	-0.8%
9.9%	65.4	65.0	-0.4	-0.6%
11.1%	65.1	64.8	-0.3	-0.4%
12.3%	64.8	64.6	-0.2	-0.3%
13.6%	64.6	64.4	-0.3	-0.4%
14.8%	64.5	64.3	-0.2	-0.3%
16.0%	64.2	64.0	-0.3	-0.4%
17.3%	63.8	63.9	0.1	0.2%
18.5%	63.8	63.8	0.0	0.0%
19.8%	63.6	63.6	0.0	0.0%
21.0%	63.6	63.6	0.0	0.0%
22.2%	63.5	63.4	-0.1	-0.1%
23.5%	63.4	63.3	-0.1	-0.1%
24.7%	63.3	63.2	-0.1	-0.1%
25.9%	63.3	63.1	-0.2	-0.3%
27.2%	63.2	62.8	-0.3	-0.6%
28.4%	63.1	62.8	-0.3	-0.5%
29.6%	63.0	62.8	-0.2	-0.4%
30.9%	63.0	62.8	-0.2	-0.3%
32.1%	62.9	62.7	-0.2	-0.3%
33.3%	62.9	62.6	-0.3	-0.4%
34.6%	62.8	62.5	-0.3	-0.5%
35.8%	62.7	62.4	-0.4	-0.6%
37.0%	62.6	62.3	-0.3	-0.5%
38.3%	62.6	62.2	-0.3	-0.5%
39.5%	62.4	62.2	-0.2	-0.3%
40.7%	62.2	62.2	0.0	-0.1%
42.0%	62.2	62.2	0.0	0.0%
43.2%	62.1	62.2	0.0	0.0%
44.4%	62.1	62.1	0.0	0.0%
45.7%	62.1	62.1	-0.1	-0.1%
46.9%	62.1	62.0	-0.1	-0.1%
48.1%	62.0	61.7	-0.3	-0.4%
49.4%	61.9	61.7	-0.2	-0.3%
50.6%	61.7	61.6	0.0	-0.1%
51.9%	61.6	61.5	-0.1	-0.1%
53.1%	61.6	61.4	-0.2	-0.2%
54.3%	61.5	61.4	-0.2	-0.2%
55.6%	61.2	61.3	0.1	0.2%
56.8%	61.1	61.1	0.0	0.0%
58.0%	61.0	61.0	0.0	0.0%
59.3%	61.0	61.0	0.0	0.0%
60.5%	61.0	61.0	0.0	0.0%
61.7%	60.9	61.0	0.1	0.1%
63.0%	60.9	60.9	0.0	0.0%
64.2%	60.4	60.4	0.0	0.1%
65.4%	60.3	60.2	-0.2	-0.3%
66.7%	60.1	60.1	-0.1	-0.1%
67.9%	60.1	60.0	0.0	-0.1%
69.1%	60.0	59.9	-0.1	-0.1%
70.4%	59.9	59.9	0.0	0.0%
71.6%	59.8	59.8	-0.1	-0.1%
72.8%	59.8	59.7	-0.1	-0.2%
74.1%	59.8	59.6	-0.2	-0.3%
75.3%	59.8	59.5	-0.3	-0.5%
76.5%	59.6	59.3	-0.2	-0.4%
77.8%	59.4	59.1	-0.3	-0.4%
79.0%	59.3	59.1	-0.3	-0.5%
80.2%	59.1	59.0	-0.2	-0.3%
81.5%	59.1	58.9	-0.2	-0.3%
82.7%	59.0	58.9	-0.1	-0.2%
84.0%	59.0	58.6	-0.4	-0.6%
85.2%	58.9	58.5	-0.3	-0.5%
86.4%	58.7	58.5	-0.2	-0.3%
87.7%	58.5	58.2	-0.3	-0.5%
88.9%	58.2	58.2	0.0	0.0%
90.1%	58.2	58.2	0.0	0.0%
91.4%	57.9	58.0	0.1	0.2%
92.6%	57.9	57.9	0.0	0.0%
93.8%	57.8	57.8	0.0	0.0%
95.1%	57.5	57.5	0.0	0.0%
96.3%	56.2	56.3	0.0	0.1%
97.5%	56.1	56.1	0.0	0.0%
98.8%	56.0	56.1	0.0	0.0%
100.0%	56.0	56.1	0.0	0.0%

Table SQ9-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	71.4	70.9	-0.5	-0.6%
1.2%	70.7	69.7	-1.0	-1.4%
2.5%	69.8	69.1	-0.7	-1.0%
3.7%	69.7	68.7	-0.9	-1.3%
4.9%	69.1	68.3	-0.8	-1.2%
6.2%	69.0	68.2	-0.8	-1.2%
7.4%	68.9	67.9	-1.0	-1.4%
8.6%	68.7	67.8	-0.9	-1.3%
9.9%	68.7	67.7	-1.0	-1.4%
11.1%	68.6	67.5	-1.1	-1.6%
12.3%	68.5	67.4	-1.1	-1.7%
13.6%	68.4	67.1	-1.3	-1.9%
14.8%	68.4	67.0	-1.3	-1.9%
16.0%	68.3	67.0	-1.3	-1.9%
17.3%	68.3	67.0	-1.3	-1.9%
18.5%	68.2	67.0	-1.2	-1.8%
19.8%	68.0	66.9	-1.0	-1.5%
21.0%	67.9	66.9	-1.0	-1.4%
22.2%	67.9	66.8	-1.0	-1.5%
23.5%	67.8	66.7	-1.0	-1.5%
24.7%	67.6	66.7	-0.9	-1.4%
25.9%	67.6	66.7	-0.9	-1.3%
27.2%	67.6	66.7	-0.9	-1.4%
28.4%	67.6	66.7	-0.9	-1.3%
29.6%	67.5	66.6	-0.9	-1.4%
30.9%	67.5	66.6	-0.9	-1.4%
32.1%	67.4	66.5	-0.9	-1.3%
33.3%	67.4	66.5	-0.9	-1.3%
34.6%	67.3	66.4	-0.9	-1.3%
35.8%	67.3	66.4	-0.9	-1.3%
37.0%	67.3	66.4	-0.9	-1.3%
38.3%	67.2	66.4	-0.8	-1.2%
39.5%	67.1	66.4	-0.7	-1.1%
40.7%	67.1	66.4	-0.7	-1.1%
42.0%	67.0	66.3	-0.7	-1.0%
43.2%	67.0	66.3	-0.7	-1.0%
44.4%	66.9	66.1	-0.8	-1.2%
45.7%	66.8	66.1	-0.7	-1.1%
46.9%	66.5	65.9	-0.7	-1.0%
48.1%	66.5	65.7	-0.8	-1.2%
49.4%	66.4	65.6	-0.8	-1.2%
50.6%	66.4	65.6	-0.8	-1.3%
51.9%	66.1	65.5	-0.5	-0.8%
53.1%	66.0	65.4	-0.6	-1.0%
54.3%	66.0	65.3	-0.7	-1.0%
55.6%	65.9	65.1	-0.8	-1.2%
56.8%	65.9	65.1	-0.8	-1.2%
58.0%	65.8	65.0	-0.9	-1.3%
59.3%	65.6	64.9	-0.6	-1.0%
60.5%	65.3	64.9	-0.4	-0.6%
61.7%	65.2	64.8	-0.4	-0.7%
63.0%	65.1	64.6	-0.5	-0.7%
64.2%	65.0	64.6	-0.4	-0.7%
65.4%	64.9	64.4	-0.5	-0.8%
66.7%	64.8	64.2	-0.6	-1.0%
67.9%	64.3	64.1	-0.2	-0.2%
69.1%	64.1	63.9	-0.2	-0.2%
70.4%	63.8	63.8	0.0	0.0%
71.6%	63.7	63.8	0.0	0.0%
72.8%	63.7	63.8	0.0	0.1%
74.1%	63.7	63.6	-0.1	-0.1%
75.3%	63.6	63.6	-0.1	-0.1%
76.5%	63.6	63.5	-0.1	-0.2%
77.8%	63.4	63.5	0.0	0.1%
79.0%	63.4	63.4	0.0	0.1%
80.2%	63.3	63.4	0.1	0.2%
81.5%	63.3	63.1	-0.2	-0.3%
82.7%	63.1	62.8	-0.3	-0.4%
84.0%	62.8	62.6	-0.2	-0.2%
85.2%	62.6	62.4	-0.2	-0.3%
86.4%	62.4	62.1	-0.3	-0.5%
87.7%	62.1	62.1	0.0	0.0%
88.9%	61.9	61.7	-0.2	-0.4%
90.1%	61.7	61.4	-0.3	-0.5%
91.4%	61.6	61.3	-0.4	-0.6%
92.6%	61.6	61.2	-0.4	-0.6%
93.8%	61.4	61.0	-0.3	-0.6%
95.1%	61.4	60.8	-0.6	-1.0%
96.3%	61.2	60.8	-0.4	-0.7%
97.5%	60.8	60.5	-0.3	-0.5%
98.8%	60.7	60.3	-0.5	-0.8%
100.0%	60.7	60.3	-0.5	-0.8%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	73.7	73.4	-0.3	-0.4%
1.2%	73.5	70.1	-3.5	-4.7%
2.5%	72.8	69.7	-3.1	-4.2%
3.7%	72.8	69.7	-3.1	-4.3%
4.9%	71.6	69.3	-2.3	-3.2%
6.2%	71.0	68.8	-2.1	-3.0%
7.4%	70.6	68.8	-1.7	-2.5%
8.6%	70.4	68.1	-2.3	-3.3%
9.9%	70.0	68.0	-2.0	-2.8%
11.1%	69.9	68.0	-1.9	-2.7%
12.3%	69.8	67.8	-2.1	-3.0%
13.6%	69.8	67.7	-2.1	-3.0%
14.8%	69.8	67.6	-2.1	-3.0%
16.0%	69.6	67.6	-2.0	-2.9%
17.3%	69.5	67.4	-2.0	-2.9%
18.5%	69.4	66.9	-2.5	-3.6%
19.8%	69.1	66.9	-2.2	-3.2%
21.0%	69.1	66.9	-2.2	-3.2%
22.2%	69.0	66.8	-2.1	-3.1%
23.5%	68.9	66.8	-2.1	-3.0%
24.7%	68.7	66.8	-1.9	-2.8%
25.9%	68.7	66.8	-1.9	-2.7%
27.2%	68.7	66.8	-1.9	-2.7%
28.4%	68.7	66.8	-1.9	-2.8%
29.6%	68.7	66.7	-1.9	-2.8%
30.9%	68.6	66.7	-1.9	-2.8%
32.1%	68.6	66.7	-1.9	-2.7%
33.3%	68.4	66.7	-1.8	-2.6%
34.6%	68.4	66.7	-1.7	-2.6%
35.8%	68.3	66.5	-1.8	-2.7%
37.0%	68.2	66.4	-1.9	-2.7%
38.3%	68.2	66.3	-1.9	-2.8%
39.5%	68.2	66.3	-1.9	-2.8%
40.7%	68.1	66.3	-1.9	-2.7%
42.0%	68.1	66.1	-1.9	-2.9%
43.2%	68.0	66.1	-1.9	-2.8%
44.4%	67.8	66.0	-1.7	-2.6%
45.7%	67.7	65.9	-1.8	-2.6%
46.9%	67.7	65.9	-1.8	-2.6%
48.1%	67.5	65.8	-1.7	-2.6%
49.4%	67.5	65.8	-1.7	-2.5%
50.6%	67.5	65.8	-1.7	-2.5%
51.9%	67.5	65.6	-1.8	-2.7%
53.1%	67.3	65.6	-1.7	-2.5%
54.3%	67.2	65.6	-1.6	-2.4%
55.6%	67.2	65.5	-1.7	-2.5%
56.8%	67.2	65.4	-1.8	-2.7%
58.0%	66.9	65.3	-1.6	-2.4%
59.3%	66.7	65.2	-1.5	-2.3%
60.5%	66.7	65.2	-1.5	-2.3%
61.7%	66.6	65.0	-1.5	-2.3%
63.0%	66.5	64.8	-1.7	-2.5%
64.2%	66.4	64.8	-1.6	-2.4%
65.4%	66.3	64.6	-1.7	-2.6%
66.7%	66.3	64.6	-1.7	-2.6%
67.9%	66.2	64.5	-1.6	-2.5%
69.1%	66.1	64.5	-1.6	-2.4%
70.4%	66.1	64.5	-1.6	-2.4%
71.6%	66.1	64.4	-1.7	-2.6%
72.8%	66.1	64.3	-1.7	-2.6%
74.1%	65.8	64.3	-1.5	-2.3%
75.3%	65.8	64.2	-1.6	-2.4%
76.5%	65.7	64.1	-1.6	-2.5%
77.8%	65.5	64.0	-1.5	-2.3%
79.0%	65.5	64.0	-1.5	-2.3%
80.2%	65.5	64.0	-1.5	-2.3%
81.5%	65.5	63.9	-1.6	-2.4%
82.7%	65.4	63.9	-1.5	-2.3%
84.0%	65.4	63.9	-1.5	-2.3%
85.2%	65.4	63.9	-1.5	-2.3%
86.4%	65.3	63.7	-1.6	-2.4%
87.7%	65.2	63.7	-1.5	-2.3%
88.9%	65.1	63.7	-1.4	-2.2%
90.1%	65.1	63.7	-1.4	-2.2%
91.4%	65.0	63.6	-1.4	-2.2%
92.6%	65.0	63.5	-1.5	-2.3%
93.8%	64.8	63.5	-1.3	-2.0%
95.1%	64.6	63.4	-1.2	-1.9%
96.3%	64.6	63.3	-1.3	-1.9%
97.5%	63.9	63.3	-0.7	-1.0%
98.8%	63.7	63.2	-0.5	-0.8%
100.0%	63.7	63.2	-0.5	-0.8%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	72.6	73.6	1.0	1.4%
1.2%	72.2	69.0	-3.1	-4.4%
2.5%	70.1	68.6	-1.5	-2.1%
3.7%	68.9	68.0	-1.0	-1.4%
4.9%	68.6	67.6	-1.0	-1.5%
6.2%	68.5	67.6	-0.9	-1.4%
7.4%	67.6	67.5	-0.1	-0.1%
8.6%	67.5	67.3	-0.1	-0.2%
9.9%	67.3	67.2	-0.1	-0.2%
11.1%	66.9	67.2	0.2	0.3%
12.3%	66.8	67.0	0.2	0.2%
13.6%	66.8	66.9	0.1	0.2%
14.8%	66.8	66.9	0.1	0.2%
16.0%	66.7	66.9	0.2	0.3%
17.3%	66.7	66.8	0.1	0.2%
18.5%	66.6	66.5	-0.1	-0.1%
19.8%	66.6	66.5	-0.1	-0.1%
21.0%	66.6	66.4	-0.1	-0.2%
22.2%	66.5	66.4	-0.1	-0.1%
23.5%	66.5	66.3	-0.1	-0.2%
24.7%	66.4	66.3	-0.1	-0.2%
25.9%	66.4	66.3	-0.1	-0.2%
27.2%	66.4	66.3	-0.2	-0.3%
28.4%	66.4	66.1	-0.3	-0.4%
29.6%	66.4	66.1	-0.3	-0.5%
30.9%	66.3	66.0	-0.3	-0.4%
32.1%	66.3	66.0	-0.3	-0.4%
33.3%	66.3	66.0	-0.3	-0.5%
34.6%	66.2	65.9	-0.3	-0.5%
35.8%	66.2	65.9	-0.3	-0.5%
37.0%	66.2	65.9	-0.3	-0.5%
38.3%	66.2	65.9	-0.3	-0.5%
39.5%	66.2	65.9	-0.3	-0.5%
40.7%	66.2	65.9	-0.3	-0.5%
42.0%	66.1	65.8	-0.3	-0.4%
43.2%	66.1	65.8	-0.3	-0.4%
44.4%	66.1	65.8	-0.3	-0.4%
45.7%	66.0	65.8	-0.2	-0.4%
46.9%	66.0	65.7	-0.3	-0.5%
48.1%	66.0	65.6	-0.4	-0.5%
49.4%	66.0	65.6	-0.3	-0.5%
50.6%	65.9	65.6	-0.3	-0.5%
51.9%	65.9	65.6	-0.3	-0.5%
53.1%	65.9	65.6	-0.3	-0.5%
54.3%	65.9	65.5	-0.4	-0.6%
55.6%	65.8	65.5	-0.3	-0.5%
56.8%	65.8	65.5	-0.3	-0.5%
58.0%	65.7	65.5	-0.2	-0.3%
59.3%	65.6	65.5	-0.2	-0.2%
60.5%	65.6	65.4	-0.2	-0.3%
61.7%	65.5	65.4	-0.1	-0.2%
63.0%	65.5	65.4	-0.1	-0.2%
64.2%	65.4	65.3	-0.1	-0.2%
65.4%	65.4	65.3	-0.1	-0.1%
66.7%	65.4	65.3	-0.1	-0.1%
67.9%	65.3	65.3	0.0	0.0%
69.1%	65.2	65.3	0.0	0.1%
70.4%	65.1	65.2	0.2	0.3%
71.6%	64.8	65.2	0.4	0.7%
72.8%	64.7	65.2	0.4	0.7%
74.1%	64.7	65.1	0.4	0.6%
75.3%	64.7	65.1	0.4	0.7%
76.5%	64.6	65.1	0.5	0.7%
77.8%	64.6	65.1	0.5	0.8%
79.0%	64.5	65.1	0.6	0.9%
80.2%	64.5	65.1	0.6	0.9%
81.5%	64.4	65.0	0.6	0.9%
82.7%	64.4	65.0	0.6	0.9%
84.0%	64.4	65.0	0.6	0.9%
85.2%	64.2	65.0	0.8	1.2%
86.4%	64.2	64.9	0.8	1.2%
87.7%	64.0	64.9	0.9	1.5%
88.9%	63.9	64.9	0.9	1.4%
90.1%	63.9	64.8	0.9	1.4%
91.4%	63.9	64.7	0.8	1.3%
92.6%	63.8	64.6	0.8	1.3%
93.8%	63.7	64.6	0.8	1.3%
95.1%	63.7	64.5	0.7	1.2%
96.3%	63.6	64.4	0.9	1.3%
97.5%	63.5	64.3	0.7	1.2%
98.8%	63.3	64.2	0.9	1.3%
100.0%	63.3	64.2	0.9	1.3%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	73.8	73.9	0.1	0.2%
1.2%	71.2	69.4	-1.9	-2.6%
2.5%	70.7	69.3	-1.4	-2.0%
3.7%	70.0	69.0	-0.9	-1.3%
4.9%	69.9	68.9	-1.0	-1.4%
6.2%	69.9	68.8	-1.2	-1.7%
7.4%	69.8	68.7	-1.2	-1.7%
8.6%	69.8	68.6	-1.2	-1.7%
9.9%	69.8	68.6	-1.2	-1.7%
11.1%	69.6	68.6	-1.0	-1.5%
12.3%	69.2	68.5	-0.7	-1.0%
13.6%	69.1	68.4	-0.7	-1.0%
14.8%	68.8	68.3	-0.5	-0.7%
16.0%	68.8	68.3	-0.5	-0.7%
17.3%	68.8	68.3	-0.5	-0.7%
18.5%	68.7	68.2	-0.6	-0.8%
19.8%	68.7	68.1	-0.6	-0.8%
21.0%	68.6	68.1	-0.5	-0.7%
22.2%	68.6	68.1	-0.5	-0.7%
23.5%	68.5	68.0	-0.5	-0.8%
24.7%	68.5	67.9	-0.6	-0.8%
25.9%	68.5	67.9	-0.6	-0.8%
27.2%	68.5	67.9	-0.6	-0.9%
28.4%	68.5	67.9	-0.6	-0.8%
29.6%	68.4	67.9	-0.5	-0.8%
30.9%	68.4	67.9	-0.5	-0.8%
32.1%	68.4	67.8	-0.6	-0.8%
33.3%	68.4	67.8	-0.6	-0.8%
34.6%	68.3	67.8	-0.6	-0.8%
35.8%	68.3	67.7	-0.6	-0.8%
37.0%	68.3	67.7	-0.6	-0.9%
38.3%	68.3	67.6	-0.6	-0.9%
39.5%	68.2	67.6	-0.6	-0.9%
40.7%	68.2	67.6	-0.6	-0.9%
42.0%	68.2	67.6	-0.6	-0.9%
43.2%	68.2	67.6	-0.6	-0.9%
44.4%	68.1	67.4	-0.7	-1.0%
45.7%	68.1	67.4	-0.7	-1.0%
46.9%	68.1	67.4	-0.7	-1.0%
48.1%	68.0	67.4	-0.7	-1.0%
49.4%	68.0	67.4	-0.6	-0.9%
50.6%	68.0	67.3	-0.6	-0.9%
51.9%	67.9	67.3	-0.6	-0.9%
53.1%	67.9	67.3	-0.6	-0.8%
54.3%	67.8	67.3	-0.5	-0.7%
55.6%	67.8	67.3	-0.5	-0.7%
56.8%	67.8	67.3	-0.5	-0.7%
58.0%	67.7	67.3	-0.5	-0.7%
59.3%	67.7	67.3	-0.5	-0.7%
60.5%	67.7	67.2	-0.5	-0.7%
61.7%	67.7	67.2	-0.5	-0.7%
63.0%	67.7	67.2	-0.5	-0.7%
64.2%	67.7	67.2	-0.5	-0.7%
65.4%	67.7	67.2	-0.5	-0.8%
66.7%	67.7	67.1	-0.6	-0.9%
67.9%	67.7	67.1	-0.6	-0.9%
69.1%	67.7	67.0	-0.6	-0.9%
70.4%	67.6	67.0	-0.6	-0.9%
71.6%	67.6	67.0	-0.7	-1.0%
72.8%	67.6	66.9	-0.7	-1.0%
74.1%	67.6	66.9	-0.7	-1.0%
75.3%	67.6	66.9	-0.7	-1.0%
76.5%	67.5	66.9	-0.7	-1.0%
77.8%	67.5	66.8	-0.6	-0.9%
79.0%	67.5	66.8	-0.6	-0.9%
80.2%	67.5	66.8	-0.6	-0.9%
81.5%	67.4	66.8	-0.6	-1.0%
82.7%	67.4	66.8	-0.7	-1.0%
84.0%	67.4	66.7	-0.7	-1.0%
85.2%	67.3	66.7	-0.6	-0.9%
86.4%	67.3	66.7	-0.7	-1.0%
87.7%	67.3	66.6	-0.6	-1.0%
88.9%	67.2	66.6	-0.6	-0.9%
90.1%	67.1	66.5	-0.5	-0.8%
91.4%	67.0	66.4	-0.7	-1.0%
92.6%	67.0	66.3	-0.7	-1.0%
93.8%	66.9	66.1	-0.7	-1.1%
95.1%	66.5	66.1	-0.4	-0.7%
96.3%	66.3	65.9	-0.4	-0.6%
97.5%	66.2	65.8	-0.4	-0.6%
98.8%	65.9	65.7	-0.2	-0.3%
100.0%	65.9	65.7	-0.2	-0.3%

Table SQ9-1b

American River below Nimbus Dam, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	71.7	73.0	1.2	1.7%
1.2%	70.9	68.7	-2.2	-3.1%
2.5%	70.5	68.6	-1.9	-2.8%
3.7%	70.2	68.6	-1.6	-2.3%
4.9%	69.4	68.5	-0.9	-1.3%
6.2%	69.3	68.5	-0.9	-1.3%
7.4%	69.1	68.2	-0.9	-1.3%
8.6%	68.7	67.9	-0.8	-1.1%
9.9%	68.4	67.9	-0.6	-0.8%
11.1%	68.3	67.6	-0.6	-0.9%
12.3%	68.1	67.4	-0.7	-1.0%
13.6%	68.1	67.2	-0.8	-1.2%
14.8%	68.0	67.1	-0.9	-1.3%
16.0%	68.0	67.0	-1.0	-1.4%
17.3%	67.9	67.0	-1.0	-1.4%
18.5%	67.9	66.8	-1.1	-1.7%
19.8%	67.9	66.8	-1.1	-1.6%
21.0%	67.5	66.8	-0.7	-1.1%
22.2%	67.4	66.7	-0.8	-1.2%
23.5%	67.2	66.6	-0.6	-0.9%
24.7%	67.2	66.5	-0.7	-1.0%
25.9%	67.2	66.5	-0.7	-1.0%
27.2%	67.1	66.3	-0.9	-1.3%
28.4%	67.1	66.3	-0.9	-1.3%
29.6%	67.1	66.2	-0.9	-1.3%
30.9%	67.0	66.2	-0.8	-1.3%
32.1%	67.0	66.1	-0.9	-1.4%
33.3%	67.0	66.1	-0.9	-1.3%
34.6%	66.9	66.0	-0.8	-1.2%
35.8%	66.9	66.0	-0.9	-1.3%
37.0%	66.8	66.0	-0.8	-1.3%
38.3%	66.8	65.9	-0.9	-1.3%
39.5%	66.8	65.9	-0.9	-1.3%
40.7%	66.8	65.9	-0.9	-1.3%
42.0%	66.7	65.9	-0.9	-1.3%
43.2%	66.7	65.9	-0.8	-1.2%
44.4%	66.6	65.9	-0.8	-1.2%
45.7%	66.6	65.8	-0.8	-1.2%
46.9%	66.5	65.8	-0.7	-1.1%
48.1%	66.5	65.8	-0.7	-1.1%
49.4%	66.5	65.7	-0.7	-1.1%
50.6%	66.4	65.7	-0.7	-1.1%
51.9%	66.4	65.7	-0.6	-1.0%
53.1%	66.4	65.7	-0.6	-1.0%
54.3%	66.3	65.7	-0.6	-0.9%
55.6%	66.3	65.7	-0.6	-1.0%
56.8%	66.3	65.7	-0.6	-1.0%
58.0%	66.3	65.7	-0.7	-1.0%
59.3%	66.3	65.6	-0.7	-1.0%
60.5%	66.3	65.6	-0.6	-0.9%
61.7%	66.2	65.6	-0.6	-0.9%
63.0%	66.2	65.6	-0.6	-0.9%
64.2%	66.2	65.6	-0.6	-0.9%
65.4%	66.2	65.6	-0.6	-0.9%
66.7%	66.2	65.6	-0.6	-0.9%
67.9%	66.1	65.6	-0.6	-0.9%
69.1%	66.1	65.5	-0.6	-0.9%
70.4%	66.1	65.5	-0.6	-0.9%
71.6%	66.0	65.5	-0.6	-0.8%
72.8%	66.0	65.5	-0.6	-0.9%
74.1%	66.0	65.4	-0.6	-0.9%
75.3%	66.0	65.4	-0.6	-1.0%
76.5%	66.0	65.3	-0.7	-1.0%
77.8%	66.0	65.3	-0.7	-1.0%
79.0%	65.9	65.2	-0.7	-1.0%
80.2%	65.8	65.2	-0.6	-0.9%
81.5%	65.8	65.2	-0.7	-1.0%
82.7%	65.8	65.1	-0.7	-1.1%
84.0%	65.8	65.1	-0.7	-1.1%
85.2%	65.8	65.0	-0.8	-1.1%
86.4%	65.8	65.0	-0.7	-1.1%
87.7%	65.8	65.0	-0.8	-1.2%
88.9%	65.7	65.0	-0.7	-1.1%
90.1%	65.7	64.9	-0.7	-1.1%
91.4%	65.6	64.9	-0.7	-1.0%
92.6%	65.6	64.9	-0.7	-1.1%
93.8%	65.6	64.8	-0.8	-1.2%
95.1%	65.5	64.8	-0.8	-1.2%
96.3%	65.5	64.7	-0.7	-1.1%
97.5%	65.4	64.6	-0.7	-1.1%
98.8%	64.7	64.6	-0.1	-0.2%
100.0%	64.6	64.2	-0.4	-0.6%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	73.2	73.6	0.5	0.7%
1.2%	71.2	68.8	-2.5	-3.4%
2.5%	70.5	68.6	-1.9	-2.7%
3.7%	70.4	68.5	-1.9	-2.6%
4.9%	69.5	68.5	-1.0	-1.5%
6.2%	69.5	68.4	-1.0	-1.5%
7.4%	68.9	68.3	-0.7	-1.0%
8.6%	68.7	68.2	-0.5	-0.7%
9.9%	68.6	68.1	-0.6	-0.8%
11.1%	68.6	67.8	-0.8	-1.2%
12.3%	68.5	67.6	-0.9	-1.3%
13.6%	68.4	67.6	-0.7	-1.1%
14.8%	68.4	67.3	-1.0	-1.5%
16.0%	68.2	67.3	-0.9	-1.4%
17.3%	68.1	67.3	-0.8	-1.2%
18.5%	68.0	67.2	-0.8	-1.1%
19.8%	68.0	67.2	-0.8	-1.1%
21.0%	67.9	67.0	-0.9	-1.3%
22.2%	67.9	66.9	-0.9	-1.3%
23.5%	67.8	66.9	-0.9	-1.3%
24.7%	67.8	66.9	-0.9	-1.3%
25.9%	67.8	66.8	-1.0	-1.4%
27.2%	67.5	66.8	-0.7	-1.1%
28.4%	67.5	66.7	-0.8	-1.1%
29.6%	67.5	66.7	-0.7	-1.1%
30.9%	67.4	66.6	-0.8	-1.2%
32.1%	67.4	66.5	-0.8	-1.3%
33.3%	67.4	66.5	-0.8	-1.2%
34.6%	67.2	66.5	-0.7	-1.1%
35.8%	67.2	66.5	-0.7	-1.1%
37.0%	67.2	66.5	-0.7	-1.1%
38.3%	67.1	66.4	-0.7	-1.0%
39.5%	67.1	66.4	-0.7	-1.0%
40.7%	67.1	66.4	-0.7	-1.0%
42.0%	67.1	66.4	-0.6	-1.0%
43.2%	67.0	66.4	-0.6	-0.9%
44.4%	67.0	66.4	-0.6	-0.9%
45.7%	67.0	66.4	-0.6	-0.9%
46.9%	66.9	66.3	-0.6	-0.9%
48.1%	66.9	66.3	-0.7	-1.0%
49.4%	66.9	66.2	-0.7	-1.0%
50.6%	66.9	66.2	-0.7	-1.0%
51.9%	66.8	66.1	-0.8	-1.2%
53.1%	66.8	65.9	-0.9	-1.3%
54.3%	66.8	65.9	-0.9	-1.4%
55.6%	66.8	65.9	-0.9	-1.4%
56.8%	66.7	65.8	-0.9	-1.3%
58.0%	66.7	65.8	-0.9	-1.4%
59.3%	66.7	65.7	-0.9	-1.4%
60.5%	66.6	65.7	-0.9	-1.3%
61.7%	66.6	65.7	-0.8	-1.2%
63.0%	66.5	65.7	-0.8	-1.2%
64.2%	66.5	65.7	-0.8	-1.2%
65.4%	66.5	65.7	-0.8	-1.2%
66.7%	66.5	65.7	-0.8	-1.3%
67.9%	66.5	65.7	-0.8	-1.2%
69.1%	66.5	65.6	-0.8	-1.2%
70.4%	66.5	65.6	-0.8	-1.2%
71.6%	66.4	65.6	-0.8	-1.2%
72.8%	66.4	65.6	-0.8	-1.2%
74.1%	66.4	65.6	-0.8	-1.2%
75.3%	66.4	65.6	-0.8	-1.2%
76.5%	66.4	65.6	-0.8	-1.2%
77.8%	66.3	65.5	-0.8	-1.2%
79.0%	66.3	65.5	-0.8	-1.2%
80.2%	66.3	65.5	-0.8	-1.2%
81.5%	66.2	65.5	-0.8	-1.1%
82.7%	66.2	65.5	-0.7	-1.1%
84.0%	66.1	65.4	-0.7	-1.1%
85.2%	66.1	65.4	-0.7	-1.1%
86.4%	66.1	65.3	-0.8	-1.2%
87.7%	66.1	65.3	-0.8	-1.1%
88.9%	66.0	65.3	-0.7	-1.1%
90.1%	66.0	65.3	-0.7	-1.1%
91.4%	65.9	65.3	-0.6	-0.9%
92.6%	65.8	65.2	-0.6	-0.9%
93.8%	65.8	65.2	-0.6	-0.9%
95.1%	65.7	65.2	-0.5	-0.8%
96.3%	65.7	65.2	-0.5	-0.8%
97.5%	65.6	65.1	-0.5	-0.8%
98.8%	65.5	65.1	-0.4	-0.6%
100.0%	65.4	65.0	-0.4	-0.6%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	73.0	73.8	0.8	1.1%
1.2%	71.3	69.2	-2.1	-2.9%
2.5%	70.0	68.8	-1.2	-1.7%
3.7%	69.4	68.4	-0.9	-1.4%
4.9%	69.3	68.3	-0.9	-1.4%
6.2%	69.2	68.1	-1.1	-1.6%
7.4%	69.1	67.9	-1.1	-1.7%
8.6%	68.4	67.8	-0.5	-0.8%
9.9%	67.9	67.8	-0.1	-0.2%
11.1%	67.7	67.6	-0.1	-0.1%
12.3%	67.7	67.6	-0.1	-0.1%
13.6%	67.7	67.6	-0.1	-0.1%
14.8%	67.6	67.4	-0.2	-0.3%
16.0%	67.6	67.4	-0.2	-0.2%
17.3%	67.6	67.4	-0.2	-0.2%
18.5%	67.5	67.4	-0.1	-0.2%
19.8%	67.4	67.4	-0.1	-0.1%
21.0%	67.4	67.1	-0.3	-0.5%
22.2%	67.3	67.1	-0.2	-0.3%
23.5%	67.3	67.0	-0.3	-0.4%
24.7%	67.2	67.0	-0.2	-0.4%
25.9%	67.2	67.0	-0.2	-0.4%
27.2%	67.2	67.0	-0.2	-0.3%
28.4%	67.2	67.0	-0.2	-0.3%
29.6%	67.2	66.9	-0.3	-0.4%
30.9%	67.2	66.9	-0.3	-0.4%
32.1%	67.1	66.8	-0.3	-0.4%
33.3%	67.1	66.8	-0.3	-0.5%
34.6%	67.1	66.8	-0.3	-0.4%
35.8%	67.1	66.8	-0.3	-0.4%
37.0%	67.1	66.8	-0.3	-0.4%
38.3%	67.0	66.8	-0.3	-0.4%
39.5%	67.0	66.7	-0.3	-0.4%
40.7%	67.0	66.7	-0.3	-0.4%
42.0%	67.0	66.7	-0.3	-0.5%
43.2%	67.0	66.7	-0.3	-0.5%
44.4%	67.0	66.7	-0.3	-0.5%
45.7%	67.0	66.7	-0.3	-0.5%
46.9%	67.0	66.6	-0.3	-0.5%
48.1%	67.0	66.6	-0.4	-0.5%
49.4%	66.9	66.6	-0.4	-0.5%
50.6%	66.9	66.6	-0.4	-0.5%
51.9%	66.9	66.5	-0.3	-0.5%
53.1%	66.8	66.5	-0.3	-0.4%
54.3%	66.8	66.5	-0.3	-0.5%
55.6%	66.7	66.4	-0.3	-0.5%
56.8%	66.7	66.4	-0.3	-0.5%
58.0%	66.6	66.4	-0.3	-0.4%
59.3%	66.6	66.4	-0.3	-0.4%
60.5%	66.6	66.4	-0.3	-0.4%
61.7%	66.6	66.3	-0.3	-0.5%
63.0%	66.6	66.3	-0.3	-0.4%
64.2%	66.5	66.3	-0.2	-0.3%
65.4%	66.5	66.2	-0.2	-0.4%
66.7%	66.5	66.2	-0.3	-0.4%
67.9%	66.5	66.2	-0.3	-0.4%
69.1%	66.4	66.1	-0.2	-0.4%
70.4%	66.4	66.1	-0.2	-0.4%
71.6%	66.4	66.1	-0.3	-0.4%
72.8%	66.3	66.1	-0.2	-0.3%
74.1%	66.3	66.1	-0.2	-0.3%
75.3%	66.3	66.1	-0.2	-0.3%
76.5%	66.2	66.0	-0.2	-0.3%
77.8%	66.2	66.0	-0.2	-0.3%
79.0%	66.2	66.0	-0.2	-0.2%
80.2%	66.2	66.0	-0.2	-0.3%
81.5%	66.1	66.0	-0.1	-0.2%
82.7%	66.1	65.9	-0.2	-0.3%
84.0%	66.1	65.9	-0.2	-0.3%
85.2%	66.1	65.8	-0.3	-0.4%
86.4%	66.0	65.8	-0.2	-0.4%
87.7%	66.0	65.7	-0.3	-0.4%
88.9%	66.0	65.7	-0.3	-0.4%
90.1%	65.9	65.7	-0.2	-0.4%
91.4%	65.9	65.6	-0.2	-0.3%
92.6%	65.8	65.6	-0.2	-0.4%
93.8%	65.8	65.5	-0.3	-0.5%
95.1%	65.8	65.5	-0.3	-0.5%
96.3%	65.7	65.4	-0.2	-0.4%
97.5%	65.6	65.3	-0.3	-0.4%
98.8%	65.4	65.2	-0.2	-0.3%
100.0%	65.4	65.2	-0.2	-0.4%

Figure SQ10-1b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

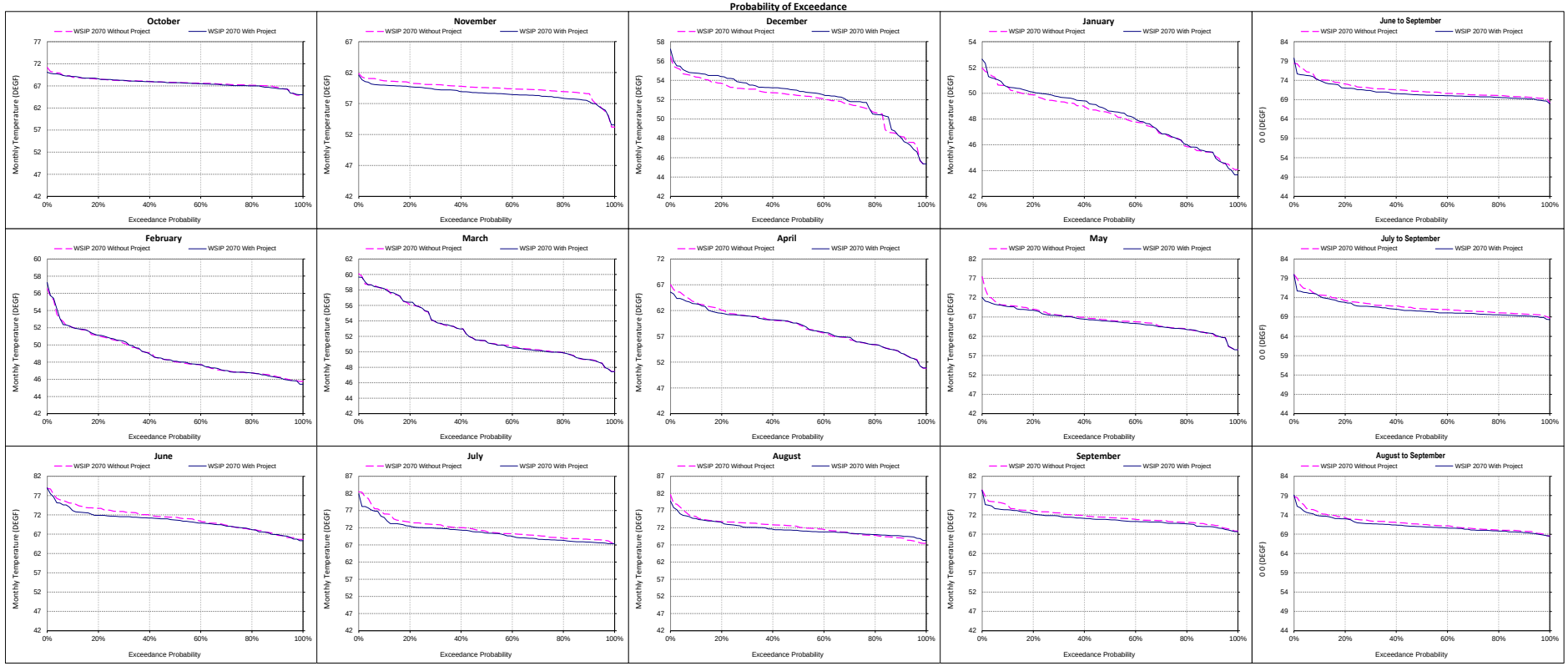


Table SQ10-1b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	71.2	70.1	-1.1	-1.5%
1.2%	70.3	69.8	-0.4	-0.6%
2.5%	70.1	69.7	-0.4	-0.5%
3.7%	70.0	69.7	-0.3	-0.4%
4.9%	69.9	69.6	-0.3	-0.4%
6.2%	69.4	69.3	0.0	-0.1%
7.4%	69.3	69.2	-0.1	-0.1%
8.6%	69.3	69.2	-0.1	-0.1%
9.9%	69.0	69.1	0.2	0.2%
11.1%	68.9	69.1	0.2	0.3%
12.3%	68.9	69.0	0.1	0.2%
13.6%	68.8	68.8	0.0	0.1%
14.8%	68.8	68.8	0.0	0.0%
16.0%	68.7	68.8	0.1	0.1%
17.3%	68.7	68.8	0.1	0.1%
18.5%	68.6	68.8	0.2	0.2%
19.8%	68.5	68.6	0.1	0.1%
21.0%	68.5	68.5	0.0	0.0%
22.2%	68.5	68.4	0.0	0.0%
23.5%	68.4	68.4	0.0	0.1%
24.7%	68.3	68.4	0.1	0.2%
25.9%	68.3	68.4	0.1	0.1%
27.2%	68.2	68.3	0.1	0.2%
28.4%	68.2	68.3	0.1	0.1%
29.6%	68.2	68.3	0.1	0.1%
30.9%	68.2	68.2	0.0	0.0%
32.1%	68.2	68.1	-0.1	-0.1%
33.3%	68.2	68.1	-0.1	-0.1%
34.6%	68.1	68.1	-0.1	-0.1%
35.8%	68.1	68.1	-0.1	-0.1%
37.0%	68.1	68.0	-0.1	-0.1%
38.3%	68.1	68.0	-0.1	-0.1%
39.5%	68.0	68.0	-0.1	-0.1%
40.7%	68.0	68.0	0.0	0.0%
42.0%	67.9	67.9	0.0	0.0%
43.2%	67.9	67.9	0.0	0.0%
44.4%	67.9	67.9	0.0	0.0%
45.7%	67.9	67.8	0.0	0.0%
46.9%	67.8	67.7	-0.1	-0.2%
48.1%	67.8	67.7	-0.1	-0.1%
49.4%	67.8	67.7	-0.1	-0.1%
50.6%	67.8	67.7	-0.1	-0.1%
51.9%	67.8	67.7	-0.1	-0.1%
53.1%	67.7	67.7	-0.1	-0.1%
54.3%	67.7	67.6	-0.1	-0.1%
55.6%	67.7	67.6	-0.1	-0.1%
56.8%	67.6	67.6	-0.1	-0.1%
58.0%	67.6	67.5	-0.1	-0.1%
59.3%	67.6	67.5	-0.1	-0.2%
60.5%	67.6	67.5	-0.1	-0.2%
61.7%	67.6	67.4	-0.2	-0.2%
63.0%	67.6	67.4	-0.2	-0.2%
64.2%	67.6	67.4	-0.2	-0.3%
65.4%	67.5	67.4	-0.2	-0.2%
66.7%	67.4	67.3	-0.1	-0.1%
67.9%	67.4	67.2	-0.2	-0.3%
69.1%	67.4	67.2	-0.2	-0.3%
70.4%	67.4	67.2	-0.2	-0.3%
71.6%	67.3	67.1	-0.2	-0.3%
72.8%	67.3	67.1	-0.2	-0.3%
74.1%	67.3	67.1	-0.2	-0.3%
75.3%	67.2	67.1	-0.2	-0.3%
76.5%	67.2	67.0	-0.2	-0.3%
77.8%	67.2	67.0	-0.2	-0.2%
79.0%	67.1	67.0	-0.1	-0.2%
80.2%	67.1	67.0	-0.1	-0.2%
81.5%	67.1	67.0	-0.1	-0.2%
82.7%	67.1	67.0	-0.1	-0.1%
84.0%	67.0	66.8	-0.3	-0.4%
85.2%	67.0	66.7	-0.3	-0.5%
86.4%	67.0	66.7	-0.3	-0.5%
87.7%	67.0	66.6	-0.4	-0.6%
88.9%	66.8	66.5	-0.3	-0.4%
90.1%	66.6	66.4	-0.3	-0.4%
91.4%	66.5	66.4	-0.1	-0.2%
92.6%	66.3	66.3	0.1	0.1%
93.8%	66.3	66.3	0.0	0.0%
95.1%	65.8	65.4	-0.5	-0.7%
96.3%	65.2	65.3	0.1	0.1%
97.5%	64.9	65.1	0.2	0.3%
98.8%	64.9	65.0	0.1	0.2%
100.0%	64.9	65.0	0.0	0.2%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	61.8	61.6	-0.3	-0.4%
1.2%	61.3	60.9	-0.4	-0.7%
2.5%	61.1	60.5	-0.6	-0.9%
3.7%	61.1	60.5	-0.6	-1.0%
4.9%	61.0	60.2	-0.9	-1.4%
6.2%	61.0	60.1	-1.0	-1.6%
7.4%	60.9	60.0	-0.8	-1.3%
8.6%	60.8	60.0	-0.8	-1.3%
9.9%	60.7	60.0	-0.7	-1.2%
11.1%	60.6	60.0	-0.7	-1.1%
12.3%	60.6	59.9	-0.7	-1.1%
13.6%	60.6	59.9	-0.7	-1.1%
14.8%	60.6	59.9	-0.7	-1.1%
16.0%	60.5	59.9	-0.7	-1.1%
17.3%	60.5	59.8	-0.7	-1.2%
18.5%	60.5	59.8	-0.7	-1.2%
19.8%	60.4	59.7	-0.6	-1.1%
21.0%	60.3	59.7	-0.6	-0.9%
22.2%	60.2	59.7	-0.6	-1.0%
23.5%	60.2	59.6	-0.6	-1.0%
24.7%	60.2	59.6	-0.6	-1.0%
25.9%	60.1	59.5	-0.6	-1.0%
27.2%	60.1	59.4	-0.6	-1.1%
28.4%	60.1	59.4	-0.7	-1.1%
29.6%	60.1	59.3	-0.8	-1.3%
30.9%	60.0	59.2	-0.8	-1.3%
32.1%	60.0	59.2	-0.8	-1.4%
33.3%	60.0	59.2	-0.8	-1.3%
34.6%	59.9	59.2	-0.7	-1.2%
35.8%	59.9	59.2	-0.7	-1.1%
37.0%	59.9	59.2	-0.7	-1.2%
38.3%	59.8	59.1	-0.7	-1.2%
39.5%	59.8	59.0	-0.8	-1.4%
40.7%	59.8	58.9	-0.9	-1.4%
42.0%	59.7	58.9	-0.8	-1.4%
43.2%	59.7	58.9	-0.8	-1.3%
44.4%	59.6	58.8	-0.8	-1.4%
45.7%	59.6	58.8	-0.8	-1.4%
46.9%	59.6	58.7	-0.9	-1.5%
48.1%	59.6	58.7	-0.9	-1.4%
49.4%	59.6	58.7	-0.9	-1.5%
50.6%	59.6	58.7	-0.9	-1.5%
51.9%	59.5	58.7	-0.9	-1.5%
53.1%	59.5	58.6	-0.9	-1.5%
54.3%	59.5	58.6	-0.9	-1.5%
55.6%	59.5	58.6	-0.9	-1.5%
56.8%	59.5	58.6	-0.9	-1.5%
58.0%	59.4	58.5	-0.9	-1.4%
59.3%	59.4	58.5	-0.9	-1.6%
60.5%	59.4	58.4	-0.9	-1.6%
61.7%	59.3	58.4	-0.9	-1.6%
63.0%	59.3	58.4	-0.9	-1.6%
64.2%	59.3	58.4	-0.9	-1.6%
65.4%	59.3	58.4	-0.9	-1.6%
66.7%	59.3	58.4	-0.9	-1.5%
67.9%	59.3	58.3	-0.9	-1.5%
69.1%	59.2	58.3	-0.9	-1.6%
70.4%	59.2	58.3	-0.9	-1.6%
71.6%	59.2	58.2	-1.0	-1.8%
72.8%	59.1	58.2	-1.0	-1.7%
74.1%	59.1	58.1	-1.0	-1.7%
75.3%	59.0	58.1	-0.9	-1.5%
76.5%	59.0	58.0	-1.0	-1.8%
77.8%	59.0	58.0	-1.0	-1.7%
79.0%	59.0	57.9	-1.0	-1.8%
80.2%	58.9	57.8	-1.1	-1.9%
81.5%	58.9	57.8	-1.1	-1.9%
82.7%	58.9	57.8	-1.1	-1.9%
84.0%	58.8	57.7	-1.1	-1.9%
85.2%	58.8	57.7	-1.1	-1.9%
86.4%	58.7	57.6	-1.1	-1.8%
87.7%	58.7	57.6	-1.1	-1.9%
88.9%	58.6	57.5	-1.1	-1.9%
90.1%	58.6	57.3	-1.3	-2.2%
91.4%	57.5	57.0	-0.5	-0.9%
92.6%	57.0	57.0	-0.1	-0.1%
93.8%	56.7	56.5	-0.2	-0.3%
95.1%	56.2	56.2	0.0	-0.1%
96.3%	55.7	55.9	0.2	0.4%
97.5%	55.0	55.1	0.1	0.1%
98.8%	53.2	53.6	0.4	0.7%
100.0%	53.2	53.6	0.4	0.7%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.5	57.2	0.8	1.3%
1.2%	55.4	56.0	0.6	1.0%
2.5%	55.3	55.5	0.2	0.4%
3.7%	55.1	55.5	0.3	0.6%
4.9%	54.7	55.1	0.4	0.8%
6.2%	54.6	55.0	0.3	0.6%
7.4%	54.6	54.8	0.3	0.5%
8.6%	54.5	54.8	0.3	0.5%
9.9%	54.3	54.8	0.4	0.8%
11.1%	54.3	54.7	0.4	0.8%
12.3%	54.2	54.7	0.5	0.9%
13.6%	54.1	54.6	0.6	1.0%
14.8%	54.0	54.5	0.5	0.9%
16.0%	53.8	54.5	0.7	1.2%
17.3%	53.8	54.5	0.7	1.3%
18.5%	53.7	54.5	0.8	1.4%
19.8%	53.7	54.4	0.7	1.3%
21.0%	53.6	54.4	0.7	1.4%
22.2%	53.4	54.2	0.8	1.4%
23.5%	53.3	54.2	0.9	1.7%
24.7%	53.3	54.2	0.9	1.7%
25.9%	53.2	53.9	0.7	1.3%
27.2%	53.2	53.8	0.7	1.2%
28.4%	53.1	53.8	0.6	1.2%
29.6%	53.1	53.7	0.6	1.2%
30.9%	53.1	53.5	0.4	0.8%
32.1%	53.1	53.5	0.4	0.8%
33.3%	53.1	53.4	0.3	0.6%
34.6%	52.9	53.3	0.4	0.7%
35.8%	52.8	53.3	0.5	0.9%
37.0%	52.8	53.3	0.5	1.0%
38.3%	52.8	53.3	0.5	1.0%
39.5%	52.7	53.2	0.5	1.0%
40.7%	52.7	53.2	0.5	1.0%
42.0%	52.7	53.2	0.5	1.0%
43.2%	52.7	53.2	0.5	1.0%
44.4%	52.6	53.2	0.5	1.0%
45.7%	52.6	53.1	0.6	1.1%
46.9%	52.5	53.0	0.5	1.0%
48.1%	52.5	53.0	0.5	1.0%
49.4%	52.5	53.0	0.5	1.0%
50.6%	52.4	52.9	0.4	0.8%
51.9%	52.4	52.8	0.4	0.8%
53.1%	52.4	52.8	0.4	0.8%
54.3%	52.3	52.7	0.4	0.8%
55.6%	52.3	52.7	0.4	0.8%
56.8%	52.2	52.7	0.5	0.9%
58.0%	52.2	52.6	0.4	0.9%
59.3%	52.1	52.6	0.4	0.8%
60.5%	52.0	52.4	0.4	0.8%
61.7%	52.0	52.4	0.4	0.8%
63.0%	51.9	52.4	0.5	0.9%
64.2%	51.9	52.4	0.5	1.0%
65.4%	51.9	52.3	0.4	0.8%
66.7%	51.8	52.3	0.5	0.9%
67.9%	51.6	52.1	0.5	1.0%
69.1%	51.6	51.9	0.3	0.6%
70.4%	51.5	51.8	0.3	0.6%
71.6%	51.4	51.8	0.4	0.8%
72.8%	51.4	51.8	0.4	0.8%
74.1%	51.3	51.8	0.5	1.0%
75.3%	51.2	51.7	0.5	1.0%
76.5%	51.1	51.7	0.6	1.2%
77.8%	51.0	51.1	0.1	0.1%
79.0%	50.7	50.5	-0.2	-0.4%
80.2%	50.7	50.5	-0.2	-0.4%
81.5%	50.6	50.4	-0.1	-0.2%
82.7%	50.5	50.4	-0.1	-0.2%
84.0%	48.9	50.3	1.4	2.9%
85.2%	48.6	50.2	1.6	3.3%
86.4%	48.6	48.9	0.3	0.7%
87.7%	48.5	48.8	0.2	0.4%
88.9%	48.4	48.4	-0.1	-0.2%
90.1%	48.2	48.1	-0.1	-0.3%
91.4%	48.1	47.7	-0.5	-1.0%
92.6%	47.6	47.5	-0.1	-0.2%
93.8%	47.6	47.3	-0.3	-0.7%
95.1%	47.6	46.8	-0.7	-1.5%
96.3%	47.2	46.6	-0.6	-1.2%
97.5%	45.7	45.7	0.0	0.1%
98.8%	45.4	45.4	0.0	0.0%
100.0%	45.4	45.4	0.0	0.0%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.0	52.6	0.7	1.3%
1.2%	51.7	52.3	0.6	1.3%
2.5%	51.6	51.3	-0.3	-0.6%
3.7%	51.4	51.2	-0.2	-0.3%
4.9%	51.3	51.1	-0.1	-0.2%
6.2%	50.6	51.0	0.4	0.8%
7.4%	50.6	50.9	0.3	0.6%
8.6%	50.6	50.6	0.0	0.0%
9.9%	50.5	50.5	-0.1	-0.1%
11.1%	50.2	50.5	0.2	0.5%
12.3%	50.2	50.4	0.2	0.5%
13.6%	50.1	50.4	0.3	0.5%
14.8%	50.0	50.4	0.3	0.6%
16.0%	50.0	50.3	0.3	0.6%
17.3%	50.0	50.2	0.3	0.5%
18.5%	49.9	50.1	0.2	0.5%
19.8%	49.9	50.1	0.2	0.4%
21.0%	49.9	50.0	0.2	0.3%
22.2%	49.7	50.0	0.3	0.7%
23.5%	49.6	50.0	0.4	0.7%
24.7%	49.5	50.0	0.5	0.9%
25.9%	49.5	49.9	0.4	0.9%
27.2%	49.5	49.9	0.4	0.8%
28.4%	49.4	49.8	0.4	0.7%
29.6%	49.4	49.7	0.4	0.8%
30.9%	49.3	49.7	0.4	0.7%
32.1%	49.3	49.7	0.3	0.7%
33.3%	49.2	49.6	0.4	0.8%
34.6%	49.2	49.6	0.4	0.8%
35.8%	49.2	49.6	0.3	0.7%
37.0%	49.0	49.4	0.4	0.8%
38.3%	49.0	49.4	0.4	0.8%
39.5%	49.0	49.4	0.4	0.8%
40.7%	48.9	49.4	0.5	1.1%
42.0%	48.7	49.2	0.4	0.9%
43.2%	48.7	49.1	0.4	0.9%
44.4%	48.7	49.1	0.4	0.9%
45.7%	48.6	49.0	0.3	0.7%
46.9%	48.6	48.9	0.3	0.7%
48.1%	48.6	48.8	0.2	0.5%
49.4%	48.5	48.6	0.1	0.2%
50.6%	48.4	48.6	0.2	0.4%
51.9%	48.3	48.6	0.2	0.5%
53.1%	48.1	48.6	0.4	0.9%
54.3%	48.1	48.5	0.4	0.7%
55.6%	48.1	48.5	0.4	0.8%
56.8%	47.9	48.2	0.3	0.6%
58.0%	47.8	48.2	0.4	0.8%
59.3%	47.8	48.1	0.3	0.7%
60.5%	47.8	47.9	0.2	0.3%
61.7%	47.7	47.8	0.1	0.2%
63.0%	47.7	47.8	0.1	0.2%
64.2%	47.5	47.6	0.1	0.3%
65.4%	47.4	47.6	0.2	0.4%
66.7%	47.4	47.4	0.1	0.1%
67.9%	47.3	47.3	0.0	0.0%
69.1%	46.9	47.0	0.1	0.3%
70.4%	46.9	46.9	0.0	0.0%
71.6%	46.8	46.8	0.0	0.1%
72.8%	46.7	46.8	0.1	0.2%
74.1%	46.6	46.6	0.1	0.1%
75.3%	46.5	46.6	0.0	0.1%
76.5%	46.5	46.5	0.0	-0.1%
77.8%	46.3	46.4	0.0	0.0%
79.0%	45.9	46.1	0.2	0.3%
80.2%	45.8	46.0	0.1	0.3%
81.5%	45.8	45.8	0.0	0.0%
82.7%	45.7	45.8	0.1	0.2%
84.0%	45.6	45.8	0.3	0.6%
85.2%	45.5	45.6	0.1	0.1%
86.4%	45.5	45.6	0.1	0.2%
87.7%	45.4	45.5	0.0	0.1%
88.9%	45.4	45.5	0.0	0.0%
90.1%	45.4	45.4	0.0	0.1%
91.4%	45.1	45.0	-0.1	-0.3%
92.6%	45.0	44.8	-0.2	-0.4%
93.8%	44.6	44.6	0.1	0.2%
95.1%	44.5	44.6	0.0	0.0%
96.3%	44.5	44.2	-0.3	-0.7%
97.5%	44.2	44.0	-0.2	-0.4%
98.8%	44.1	43.7	-0.4	-0.9%
100.0%	44.1	43.7	-0.4	-0.9%

Table SQ10-1b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.6	57.3	0.7	1.2%
1.2%	55.7	55.7	0.1	0.2%
2.5%	55.2	55.4	0.2	0.4%
3.7%	53.6	54.2	0.6	1.2%
4.9%	53.0	53.1	0.0	0.1%
6.2%	52.7	52.4	-0.4	-0.7%
7.4%	52.2	52.3	0.1	0.1%
8.6%	52.2	52.2	0.0	0.0%
9.9%	52.0	52.0	0.0	0.0%
11.1%	51.9	51.9	0.0	0.0%
12.3%	51.9	51.9	0.0	0.0%
13.6%	51.8	51.8	0.1	0.1%
14.8%	51.8	51.8	0.0	0.0%
16.0%	51.7	51.6	-0.1	-0.2%
17.3%	51.2	51.4	0.2	0.3%
18.5%	51.2	51.2	0.0	0.1%
19.8%	51.0	51.1	0.1	0.2%
21.0%	51.0	51.1	0.1	0.3%
22.2%	50.9	51.0	0.1	0.3%
23.5%	50.8	50.9	0.1	0.2%
24.7%	50.7	50.8	0.1	0.2%
25.9%	50.6	50.7	0.1	0.2%
27.2%	50.5	50.6	0.1	0.1%
28.4%	50.5	50.5	0.0	0.1%
29.6%	50.2	50.5	0.2	0.5%
30.9%	50.1	50.3	0.2	0.4%
32.1%	49.9	50.0	0.1	0.2%
33.3%	49.7	49.9	0.2	0.4%
34.6%	49.7	49.7	0.0	-0.1%
35.8%	49.5	49.6	0.2	0.3%
37.0%	49.3	49.3	0.0	0.0%
38.3%	49.1	49.1	0.0	0.0%
39.5%	49.1	49.0	-0.1	-0.2%
40.7%	49.1	48.8	-0.3	-0.6%
42.0%	48.6	48.6	0.0	0.0%
43.2%	48.5	48.5	0.0	0.1%
44.4%	48.4	48.5	0.1	0.2%
45.7%	48.3	48.3	0.0	0.0%
46.9%	48.3	48.3	0.0	0.0%
48.1%	48.2	48.3	0.0	0.0%
49.4%	48.1	48.1	0.0	0.0%
50.6%	48.0	48.1	0.1	0.2%
51.9%	48.0	48.0	0.0	0.1%
53.1%	47.9	48.0	0.1	0.3%
54.3%	47.9	48.0	0.1	0.3%
55.6%	47.8	47.8	0.0	0.1%
56.8%	47.8	47.8	0.0	0.1%
58.0%	47.7	47.8	0.1	0.1%
59.3%	47.7	47.7	0.0	0.1%
60.5%	47.7	47.7	0.0	-0.1%
61.7%	47.4	47.5	0.0	0.1%
63.0%	47.4	47.4	0.0	0.1%
64.2%	47.3	47.3	0.1	0.1%
65.4%	47.2	47.3	0.1	0.2%
66.7%	47.1	47.3	0.2	0.4%
67.9%	47.1	47.1	0.1	0.1%
69.1%	47.0	47.0	0.0	0.0%
70.4%	47.0	47.0	0.0	0.0%
71.6%	46.9	46.8	-0.1	-0.2%
72.8%	46.9	46.8	0.0	0.0%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.8	46.8	0.0	0.0%
76.5%	46.8	46.8	0.0	0.0%
77.8%	46.8	46.8	0.0	0.1%
79.0%	46.8	46.8	0.0	0.0%
80.2%	46.7	46.7	0.0	0.0%
81.5%	46.7	46.7	0.0	0.0%
82.7%	46.6	46.6	0.0	0.0%
84.0%	46.6	46.5	-0.1	-0.2%
85.2%	46.6	46.5	-0.1	-0.1%
86.4%	46.6	46.4	-0.2	-0.4%
87.7%	46.4	46.3	-0.1	-0.2%
88.9%	46.4	46.3	-0.1	-0.3%
90.1%	46.3	46.2	-0.1	-0.2%
91.4%	46.2	46.2	-0.1	-0.2%
92.6%	46.1	46.0	-0.1	-0.2%
93.8%	46.0	45.9	-0.1	-0.2%
95.1%	45.9	45.9	0.0	-0.1%
96.3%	45.9	45.8	0.0	-0.1%
97.5%	45.8	45.8	0.0	-0.1%
98.8%	45.8	45.4	-0.3	-0.7%
100.0%	45.8	45.4	-0.3	-0.7%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.1	59.6	-0.4	-0.7%
1.2%	59.8	59.6	-0.1	-0.2%
2.5%	58.8	59.0	0.3	0.5%
3.7%	58.7	58.7	0.0	0.0%
4.9%	58.6	58.6	0.0	0.0%
6.2%	58.6	58.4	-0.2	-0.3%
7.4%	58.4	58.4	0.0	0.0%
8.6%	58.2	58.3	0.0	0.0%
9.9%	58.2	58.2	0.0	0.0%
11.1%	58.1	57.9	-0.2	-0.3%
12.3%	57.6	57.7	0.1	0.2%
13.6%	57.4	57.6	0.2	0.4%
14.8%	57.4	57.4	0.1	0.1%
16.0%	57.2	57.2	0.0	0.0%
17.3%	56.5	56.6	0.1	0.1%
18.5%	56.4	56.4	0.0	0.0%
19.8%	56.1	56.4	0.3	0.5%
21.0%	56.0	56.4	0.4	0.7%
22.2%	55.9	56.0	0.0	0.0%
23.5%	55.9	55.8	-0.1	-0.1%
24.7%	55.6	55.7	0.1	0.1%
25.9%	55.3	55.3	0.0	0.0%
27.2%	55.1	55.2	0.1	0.1%
28.4%	54.1	54.1	0.0	0.0%
29.6%	54.0	54.0	0.0	0.0%
30.9%	53.7	53.7	0.0	0.0%
32.1%	53.6	53.7	0.1	0.2%
33.3%	53.5	53.5	0.0	0.0%
34.6%	53.3	53.5	0.2	0.3%
35.8%	53.3	53.4	0.0	0.1%
37.0%	53.3	53.3	0.0	-0.1%
38.3%	53.0	53.0	0.0	0.0%
39.5%	53.0	53.0	0.0	0.0%
40.7%	53.0	52.9	0.0	0.0%
42.0%	52.3	52.3	0.1	0.1%
43.2%	52.0	52.0	0.0	0.0%
44.4%	51.8	51.8	0.0	0.0%
45.7%	51.5	51.5	0.0	0.0%
46.9%	51.5	51.5	0.0	0.1%
48.1%	51.4	51.5	0.0	0.0%
49.4%	51.4	51.4	0.0	0.0%
50.6%	51.1	51.1	0.0	0.0%
51.9%	51.1	51.0	0.0	-0.1%
53.1%	51.0	51.0	0.0	-0.1%
54.3%	50.9	50.9	-0.1	-0.1%
55.6%	50.9	50.8	-0.1	-0.1%
56.8%	50.8	50.8	0.0	0.0%
58.0%	50.8	50.6	-0.2	-0.5%
59.3%	50.8	50.6	-0.2	-0.5%
60.5%	50.7	50.5	-0.2	-0.4%
61.7%	50.6	50.5	-0.2	-0.3%
63.0%	50.4	50.4	0.0	0.0%
64.2%	50.4	50.4	0.0	-0.1%
65.4%	50.4	50.3	-0.1	-0.2%
66.7%	50.4	50.3	-0.1	-0.2%
67.9%	50.3	50.2	-0.1	-0.1%
69.1%	50.3	50.2	-0.1	-0.2%
70.4%	50.3	50.2	-0.1	-0.2%
71.6%	50.2	50.1	-0.1	-0.1%
72.8%	50.1	50.1	-0.1	-0.1%
74.1%	50.1	50.0	-0.1	-0.3%
75.3%	50.0	50.0	0.0	-0.1%
76.5%	50.0	50.0	0.0	0.0%
77.8%	50.0	49.9	0.0	0.0%
79.0%	49.9	49.9	0.0	0.0%
80.2%	49.9	49.9	0.0	0.0%
81.5%	49.7	49.7	0.0	0.1%
82.7%	49.6	49.6	0.0	0.1%
84.0%	49.5	49.5	-0.1	-0.1%
85.2%	49.2	49.2	0.0	0.1%
86.4%	49.1	49.2	0.1	0.1%
87.7%	49.0	49.0	0.0	0.0%
88.9%	49.0	49.0	0.0	0.0%
90.1%	49.0	49.0	0.0	-0.1%
91.4%	49.0	48.9	-0.1	-0.2%
92.6%	48.8	48.9	0.1	0.1%
93.8%	48.6	48.6	0.1	0.1%
95.1%	48.6	48.5	0.0	-0.1%
96.3%	47.9	48.0	0.1	0.2%
97.5%	47.8	47.8	0.0	-0.1%
98.8%	47.4	47.4	0.0	0.0%
100.0%	47.4	47.4	0.0	0.0%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.0	65.6	-1.5	-2.2%
1.2%	66.1	65.2	-0.8	-1.2%
2.5%	65.6	64.3	-1.3	-1.9%
3.7%	65.6	64.3	-1.3	-1.9%
4.9%	65.1	64.1	-1.0	-1.5%
6.2%	64.6	63.8	-0.8	-1.3%
7.4%	64.3	63.6	-0.6	-0.9%
8.6%	63.8	63.3	-0.4	-0.7%
9.9%	63.7	63.3	-0.4	-0.7%
11.1%	63.2	63.2	0.0	0.0%
12.3%	63.2	62.9	-0.3	-0.5%
13.6%	63.0	62.8	-0.2	-0.3%
14.8%	62.8	62.1	-0.7	-1.2%
16.0%	62.7	61.8	-0.9	-1.4%
17.3%	62.6	61.7	-0.9	-1.4%
18.5%	62.5	61.6	-0.9	-1.5%
19.8%	62.1	61.5	-0.6	-1.0%
21.0%	62.0	61.4	-0.6	-1.0%
22.2%	61.6	61.2	-0.3	-0.5%
23.5%	61.4	61.2	-0.2	-0.3%
24.7%	61.4	61.2	-0.2	-0.3%
25.9%	61.3	61.1	-0.1	-0.2%
27.2%	61.1	61.1	0.0	-0.1%
28.4%	61.1	61.0	0.0	-0.1%
29.6%	61.0	61.0	0.0	0.0%
30.9%	61.0	60.9	0.0	0.0%
32.1%	60.9	60.8	0.0	0.0%
33.3%	60.8	60.8	0.0	0.0%
34.6%	60.8	60.5	-0.2	-0.4%
35.8%	60.6	60.4	-0.2	-0.4%
37.0%	60.5	60.2	-0.2	-0.4%
38.3%	60.2	60.2	0.0	0.1%
39.5%	60.1	60.2	0.1	0.1%
40.7%	60.1	60.2	0.1	0.2%
42.0%	60.0	60.1	0.1	0.2%
43.2%	60.0	60.1	0.1	0.1%
44.4%	59.9	60.0	0.1	0.2%
45.7%	59.9	60.0	0.1	0.2%
46.9%	59.8	59.8	-0.1	-0.1%
48.1%	59.6	59.6	0.0	0.0%
49.4%	59.5	59.6	0.0	0.0%
50.6%	59.1	59.4	0.2	0.4%
51.9%	58.9	59.1	0.2	0.3%
53.1%	58.4	58.8	0.4	0.7%
54.3%	58.3	58.3	0.0	-0.1%
55.6%	58.3	58.1	-0.2	-0.3%
56.8%	58.0	58.1	0.1	0.1%
58.0%	57.9	58.0	0.1	0.2%
59.3%	57.7	57.9	0.2	0.3%
60.5%	57.6	57.7	0.1	0.1%
61.7%	57.4	57.7	0.2	0.4%
63.0%	57.1	57.4	0.3	0.6%
64.2%	56.9	57.1	0.1	0.2%
65.4%	56.9	56.9	0.0	0.1%
66.7%	56.9	56.9	0.0	0.0%
67.9%	56.8	56.9	0.1	0.1%
69.1%	56.8	56.8	0.0	0.1%
70.4%	56.3	56.8	0.5	0.9%
71.6%	56.2	56.2	0.0	0.0%
72.8%	55.9	55.9	0.0	0.0%
74.1%	55.8	55.9	0.1	0.1%
75.3%	55.7	55.8	0.1	0.1%
76.5%	55.6	55.6	0.0	0.0%
77.8%	55.5	55.5	0.0	0.0%
79.0%	55.4	55.5	0.1	0.1%
80.2%	55.4	55.4	0.0	0.0%
81.5%	55.3	55.3	0.0	0.0%
82.7%	55.0	55.0	0.0	0.0%
84.0%	54.7	54.8	0.0	0.0%
85.2%	54.6	54.6	-0.1	-0.1%
86.4%	54.5	54.5	0.0	0.0%
87.7%	54.4	54.4	0.0	0.0%
88.9%	54.1	54.2	0.0	0.1%
90.1%	53.8	53.7	0.0	-0.1%
91.4%	53.5	53.6	0.0	0.0%
92.6%	53.2	53.2	0.0	0.0%
93.8%	52.9	52.8	-0.1	-0.1%
95.1%	52.7	52.7	0.0	0.0%
96.3%	52.5	52.4	-0.1	-0.2%
97.5%	51.3	51.3	-0.1	-0.1%
98.8%	50.8	50.9	0.0	0.1%
100.0%	50.8	50.9	0.0	0.1%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	77.4	72.1	-5.4	-6.9%
1.2%	74.2	71.1	-3.1	-4.2%
2.5%	72.2	70.9	-1.3	-1.8%
3.7%	71.9	70.5	-1.3	-1.8%
4.9%	71.1	70.2	-0.8	-1.2%
6.2%	70.5	70.1	-0.4	-0.5%
7.4%	70.1	70.1	0.0	-0.1%
8.6%	70.1	69.9	-0.2	-0.3%
9.9%	70.0	69.7	-0.2	-0.3%
11.1%	69.9	69.7	-0.3	-0.4%
12.3%	69.9	69.6	-0.2	-0.3%
13.6%	69.8	69.1	-0.6	-0.9%
14.8%	69.7	69.0	-0.7	-1.0%
16.0%	69.5	68.9	-0.6	-0.8%
17.3%	69.4	68.9	-0.5	-0.8%
18.5%	69.1	68.8	-0.3	-0.4%
19.8%	69.0	68.7	-0.3	-0.4%
21.0%	68.9	68.6	-0.3	-0.4%
22.2%	68.7	68.4	-0.2	-0.4%
23.5%	68.4	67.9	-0.5	-0.7%
24.7%	68.3	67.7	-0.6	-0.9%
25.9%	67.8	67.5	-0.4	-0.5%
27.2%	67.8	67.5	-0.3	-0.5%
28.4%	67.6	67.4	-0.2	-0.3%
29.6%	67.5	67.3	-0.2	-0.3%
30.9%	67.4	67.3	-0.2	-0.2%
32.1%	67.3	67.1	-0.2	-0.2%
33.3%	67.2	67.1	-0.1	-0.1%
34.6%	67.1	67.1	-0.1	-0.1%
35.8%	67.1	66.9	-0.3	-0.4%
37.0%	67.1	66.7	-0.4	-0.7%
38.3%	66.9	66.5	-0.4	-0.6%
39.5%	66.9	66.5	-0.4	-0.6%
40.7%	66.9	66.4	-0.5	-0.7%
42.0%	66.6	66.3	-0.4	-0.5%
43.2%	66.6	66.2	-0.4	-0.6%
44.4%	66.6	66.2	-0.4	-0.6%
45.7%	66.5	66.1	-0.3	-0.5%
46.9%	66.3	66.0	-0.3	-0.5%
48.1%	66.3	66.0	-0.3	-0.5%
49.4%	66.1	65.9	-0.2	-0.3%
50.6%	66.1	65.8	-0.2	-0.3%
51.9%	66.0	65.8	-0.2	-0.2%
53.1%	66.0	65.7	-0.2	-0.3%
54.3%	65.9	65.7	-0.2	-0.4%
55.6%	65.9	65.5	-0.4	-0.6%
56.8%	65.9	65.5	-0.4	-0.6%
58.0%	65.8	65.4	-0.4	-0.7%
59.3%	65.8	65.4	-0.4	-0.7%
60.5%	65.7	65.3	-0.4	-0.6%
61.7%	65.7	65.2	-0.5	-0.8%
63.0%	65.6	65.1	-0.5	-0.8%
64.2%	65.5	64.9	-0.6	-0.8%
65.4%	65.4	64.9	-0.5	-0.8%
66.7%	65.4	64.9	-0.5	-0.8%
67.9%	65.1	64.7	-0.4	-0.6%
69.1%	64.7	64.5	-0.2	-0.3%
70.4%	64.5	64.5	-0.1	-0.1%
71.6%	64.5	64.4	-0.1	-0.2%
72.8%	64.3	64.2	-0.1	-0.1%
74.1%	64.2	64.1	-0.1	-0.2%
75.3%	64.1	64.1	-0.1	-0.1%
76.5%	64.1	64.0	-0.1	-0.1%
77.8%	64.1	64.0	0.0	-0.1%
79.0%	64.0	63.9	-0.1	-0.2%
80.2%	63.7	63.7	0.0	0.0%
81.5%	63.7	63.7	0.1	0.1%
82.7%	63.5	63.6	0.1	0.2%
84.0%	63.4	63.4	0.0	0.0%
85.2%	63.1	63.1	0.0	0.0%
86.4%	63.1	63.0	-0.1	-0.2%
87.7%	62.8	63.0	0.2	0.3%
88.9%	62.7	62.8	0.1	0.1%
90.1%	62.7	62.7	0.0	0.1%
91.4%	62.0	62.2	0.3	0.4%
92.6%	62.0	62.0	0.0	0.0%
93.8%	61.7	61.7	0.0	0.0%
95.1%	61.6	61.6	0.0	0.0%
96.3%	59.4	59.4	0.0	0.0%
97.5%	59.0	59.0	0.0	0.0%
98.8%	58.6	58.6	0.0	0.0%
100.0%	58.6	58.6	0.0	0.0%

Table SQ10-1b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	78.9	79.0	0.1	0.2%
1.2%	78.7	77.5	-1.2	-1.6%
2.5%	77.3	76.6	-0.6	-0.8%
3.7%	76.3	75.1	-1.1	-1.5%
4.9%	75.9	75.1	-0.8	-1.1%
6.2%	75.7	74.6	-1.2	-1.6%
7.4%	75.4	74.5	-0.9	-1.1%
8.6%	75.1	74.0	-1.0	-1.4%
9.9%	75.0	73.1	-1.9	-2.5%
11.1%	74.8	72.8	-2.0	-2.7%
12.3%	74.3	72.7	-1.6	-2.2%
13.6%	74.2	72.6	-1.6	-2.1%
14.8%	73.9	72.6	-1.3	-1.8%
16.0%	73.8	72.5	-1.4	-1.8%
17.3%	73.8	72.1	-1.7	-2.3%
18.5%	73.7	71.9	-1.8	-2.5%
19.8%	73.7	71.9	-1.8	-2.4%
21.0%	73.7	71.9	-1.8	-2.4%
22.2%	73.3	71.9	-1.4	-1.9%
23.5%	73.3	71.8	-1.5	-2.1%
24.7%	73.2	71.7	-1.5	-2.1%
25.9%	73.0	71.6	-1.3	-1.8%
27.2%	72.9	71.6	-1.3	-1.8%
28.4%	72.9	71.6	-1.3	-1.8%
29.6%	72.9	71.6	-1.3	-1.8%
30.9%	72.7	71.5	-1.1	-1.6%
32.1%	72.6	71.5	-1.1	-1.5%
33.3%	72.6	71.4	-1.2	-1.7%
34.6%	72.6	71.4	-1.2	-1.7%
35.8%	72.2	71.3	-0.9	-1.3%
37.0%	72.1	71.3	-0.8	-1.1%
38.3%	72.1	71.2	-0.8	-1.1%
39.5%	72.0	71.2	-0.9	-1.2%
40.7%	71.8	71.2	-0.6	-0.9%
42.0%	71.7	71.1	-0.5	-0.7%
43.2%	71.6	71.0	-0.5	-0.8%
44.4%	71.5	71.0	-0.5	-0.7%
45.7%	71.5	71.0	-0.5	-0.7%
46.9%	71.5	71.0	-0.5	-0.7%
48.1%	71.4	70.8	-0.6	-0.9%
49.4%	71.4	70.7	-0.7	-1.0%
50.6%	71.4	70.6	-0.7	-1.0%
51.9%	71.2	70.6	-0.6	-0.9%
53.1%	71.0	70.4	-0.6	-0.9%
54.3%	71.0	70.3	-0.7	-1.0%
55.6%	71.0	70.2	-0.8	-1.1%
56.8%	70.9	70.2	-0.8	-1.1%
58.0%	70.5	70.0	-0.5	-0.7%
59.3%	70.5	69.9	-0.6	-0.9%
60.5%	70.2	69.9	-0.4	-0.5%
61.7%	70.2	69.8	-0.3	-0.5%
63.0%	69.9	69.7	-0.1	-0.2%
64.2%	69.8	69.7	-0.2	-0.2%
65.4%	69.8	69.5	-0.3	-0.5%
66.7%	69.8	69.4	-0.4	-0.5%
67.9%	69.7	69.4	-0.2	-0.3%
69.1%	69.4	69.3	-0.2	-0.2%
70.4%	69.3	69.1	-0.2	-0.3%
71.6%	69.0	69.0	0.0	0.0%
72.8%	68.9	68.9	0.0	0.1%
74.1%	68.7	68.7	0.0	0.0%
75.3%	68.6	68.7	0.1	0.1%
76.5%	68.5	68.6	0.1	0.2%
77.8%	68.5	68.6	0.1	0.1%
79.0%	68.2	68.3	0.1	0.1%
80.2%	68.2	68.1	0.0	-0.1%
81.5%	68.1	68.1	0.0	0.0%
82.7%	67.9	67.6	-0.3	-0.5%
84.0%	67.9	67.6	-0.4	-0.5%
85.2%	67.6	67.5	-0.1	-0.1%
86.4%	67.5	67.4	-0.1	-0.2%
87.7%	67.3	67.0	-0.4	-0.5%
88.9%	67.0	66.9	-0.1	-0.2%
90.1%	66.7	66.9	0.2	0.3%
91.4%	66.7	66.7	0.0	0.1%
92.6%	66.6	66.6	0.0	0.0%
93.8%	66.1	66.5	0.4	0.6%
95.1%	66.1	66.1	0.0	0.0%
96.3%	66.1	65.7	-0.4	-0.6%
97.5%	65.7	65.7	0.0	0.0%
98.8%	65.6	65.3	-0.4	-0.5%
100.0%	65.6	65.3	-0.4	-0.5%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	82.5	81.9	-0.6	-0.7%
1.2%	82.3	78.2	-4.1	-5.0%
2.5%	81.0	78.2	-2.8	-3.4%
3.7%	80.5	77.8	-2.7	-3.4%
4.9%	78.8	77.1	-1.7	-2.1%
6.2%	77.5	76.9	-0.7	-0.9%
7.4%	77.5	76.8	-0.7	-0.9%
8.6%	76.9	75.4	-1.5	-1.9%
9.9%	76.0	75.0	-1.0	-1.3%
11.1%	76.0	74.0	-2.0	-2.7%
12.3%	75.9	73.2	-2.7	-3.5%
13.6%	74.6	73.2	-1.4	-1.9%
14.8%	74.2	73.2	-1.0	-1.4%
16.0%	74.1	73.0	-1.1	-1.4%
17.3%	74.0	72.9	-1.1	-1.5%
18.5%	73.8	72.6	-1.2	-1.7%
19.8%	73.6	72.5	-1.1	-1.5%
21.0%	73.4	72.2	-1.2	-1.6%
22.2%	73.4	72.1	-1.3	-1.8%
23.5%	73.4	72.1	-1.4	-1.8%
24.7%	73.3	72.0	-1.2	-1.7%
25.9%	73.1	72.0	-1.1	-1.6%
27.2%	73.1	72.0	-1.1	-1.5%
28.4%	73.0	72.0	-1.0	-1.4%
29.6%	73.0	71.9	-1.1	-1.5%
30.9%	72.9	71.8	-1.1	-1.5%
32.1%	72.8	71.8	-1.0	-1.4%
33.3%	72.4	71.8	-0.6	-0.9%
34.6%	72.3	71.7	-0.6	-0.9%
35.8%	72.2	71.5	-0.7	-1.0%
37.0%	72.1	71.5	-0.6	-0.9%
38.3%	72.1	71.4	-0.7	-1.0%
39.5%	72.0	71.3	-0.7	-1.0%
40.7%	72.0	71.3	-0.8	-1.0%
42.0%	71.9	71.2	-0.7	-0.9%
43.2%	71.8	71.1	-0.7	-1.0%
44.4%	71.7	70.9	-0.8	-1.1%
45.7%	71.4	70.8	-0.6	-0.8%
46.9%	71.3	70.8	-0.4	-0.6%
48.1%	71.2	70.7	-0.5	-0.7%
49.4%	71.1	70.5	-0.6	-0.8%
50.6%	70.7	70.4	-0.3	-0.4%
51.9%	70.6	70.4	-0.2	-0.3%
53.1%	70.6	70.4	-0.2	-0.3%
54.3%	70.5	70.3	-0.1	-0.2%
55.6%	70.4	70.2	-0.2	-0.3%
56.8%	70.3	70.0	-0.3	-0.5%
58.0%	70.3	69.6	-0.7	-1.0%
59.3%	70.3	69.6	-0.7	-1.0%
60.5%	70.2	69.4	-0.8	-1.2%
61.7%	70.2	69.2	-1.0	-1.4%
63.0%	70.1	69.1	-1.0	-1.4%
64.2%	70.1	69.1	-1.0	-1.4%
65.4%	69.9	69.0	-1.0	-1.4%
66.7%	69.9	68.9	-1.0	-1.4%
67.9%	69.8	68.9	-0.9	-1.3%
69.1%	69.8	68.8	-0.9	-1.3%
70.4%	69.7	68.6	-1.1	-1.5%
71.6%	69.6	68.6	-1.0	-1.4%
72.8%	69.6	68.5	-1.0	-1.5%
74.1%	69.3	68.5	-0.7	-1.1%
75.3%	69.2	68.5	-0.7	-1.0%
76.5%	69.2	68.4	-0.7	-1.1%
77.8%	69.2	68.4	-0.8	-1.2%
79.0%	69.1	68.3	-0.7	-1.1%
80.2%	68.9	68.3	-0.6	-0.8%
81.5%	68.9	68.1	-0.7	-1.1%
82.7%	68.9	68.1	-0.8	-1.2%
84.0%	68.8	68.0	-0.8	-1.2%
85.2%	68.8	67.9	-0.9	-1.3%
86.4%	68.8	67.9	-0.9	-1.3%
87.7%	68.7	67.9	-0.8	-1.1%
88.9%	68.7	67.8	-0.9	-1.2%
90.1%	68.6	67.8	-0.8	-1.2%
91.4%	68.5	67.8	-0.7	-1.1%
92.6%	68.5	67.7	-0.8	-1.2%
93.8%	68.5	67.6	-0.9	-1.2%
95.1%	68.5	67.6	-0.8	-1.2%
96.3%	68.3	67.5	-0.8	-1.2%
97.5%	68.2	67.4	-0.8	-1.2%
98.8%	67.6	67.4	-0.2	-0.3%
100.0%	67.6	67.4	-0.2	-0.3%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	81.7	79.8	-1.8	-2.2%
1.2%	79.1	77.8	-1.2	-1.5%
2.5%	78.9	77.3	-1.6	-2.0%
3.7%	78.1	76.1	-2.0	-2.5%
4.9%	77.2	75.6	-1.6	-2.1%
6.2%	76.4	75.5	-0.9	-1.2%
7.4%	75.7	75.2	-0.4	-0.5%
8.6%	75.5	74.8	-0.7	-1.0%
9.9%	75.3	74.7	-0.6	-0.8%
11.1%	74.7	74.4	-0.3	-0.4%
12.3%	74.6	74.3	-0.4	-0.5%
13.6%	74.3	74.1	-0.2	-0.3%
14.8%	74.2	74.0	-0.2	-0.3%
16.0%	74.0	74.0	-0.1	-0.1%
17.3%	74.0	73.9	-0.1	-0.2%
18.5%	73.9	73.8	-0.1	-0.1%
19.8%	73.8	73.7	-0.1	-0.1%
21.0%	73.7	73.1	-0.6	-0.9%
22.2%	73.7	73.0	-0.7	-1.0%
23.5%	73.7	72.9	-0.8	-1.0%
24.7%	73.7	72.8	-0.9	-1.2%
25.9%	73.5	72.7	-0.8	-1.2%
27.2%	73.5	72.6	-0.9	-1.3%
28.4%	73.4	72.2	-1.2	-1.7%
29.6%	73.4	72.1	-1.3	-1.7%
30.9%	73.4	72.1	-1.2	-1.7%
32.1%	73.3	72.1	-1.2	-1.7%
33.3%	73.3	72.1	-1.2	-1.7%
34.6%	73.1	72.0	-1.1	-1.4%
35.8%	73.1	72.0	-1.0	-1.4%
37.0%	73.0	71.9	-1.1	-1.4%
38.3%	73.0	71.7	-1.3	-1.8%
39.5%	72.9	71.6	-1.3	-1.8%
40.7%	72.8	71.4	-1.4	-1.9%
42.0%	72.8	71.4	-1.4	-1.9%
43.2%	72.8	71.4	-1.4	-1.9%
44.4%	72.7	71.4	-1.4	-1.9%
45.7%	72.7	71.4	-1.3	-1.8%
46.9%	72.6	71.3	-1.3	-1.8%
48.1%	72.6	71.3	-1.3	-1.8%
49.4%	72.4	71.2	-1.2	-1.7%
50.6%	72.1	71.1	-1.0	-1.4%
51.9%	72.0	71.0	-1.0	-1.4%
53.1%	71.9	71.0	-0.9	-1.2%
54.3%	71.9	70.9	-1.0	-1.3%
55.6%	71.8	70.9	-0.9	-1.3%
56.8%	71.7	70.9	-0.9	-1.2%
58.0%	71.7	70.8	-0.8	-1.2%
59.3%	71.6	70.8	-0.8	-1.1%
60.5%	71.4	70.8	-0.7	-0.9%
61.7%	71.3	70.8	-0.5	-0.7%
63.0%	71.1	70.8	-0.4	-0.5%
64.2%	71.1	70.8	-0.4	-0.5%
65.4%	71.1	70.7	-0.4	-0.6%
66.7%	70.8	70.7	-0.1	-0.1%
67.9%	70.7	70.6	-0.1	-0.2%
69.1%	70.7	70.6	-0.1	-0.2%
70.4%	70.4	70.4	-0.1	-0.1%
71.6%	70.2	70.3	0.1	0.1%
72.8%	70.2	70.3	0.1	0.1%
74.1%	70.0	70.2	0.2	0.3%
75.3%	69.9	70.2	0.3	0.4%
76.5%	69.9	70.1	0.2	0.3%
77.8%	69.8	70.1	0.2	0.4%
79.0%	69.8	70.0	0.2	0.3%
80.2%	69.8	70.0	0.3	0.4%
81.5%	69.6	69.9	0.3	0.5%
82.7%	69.4	69.8	0.4	0.6%
84.0%	69.4	69.8	0.4	0.6%
85.2%	69.4	69.8	0.4	0.6%
86.4%	69.3	69.7	0.5	0.7%
87.7%	69.2	69.7	0.5	0.7%
88.9%	69.1	69.7	0.6	0.9%
90.1%	69.0	69.7	0.6	0.9%
91.4%	68.9	69.5	0.6	0.8%
92.6%	68.4	69.4	1.1	1.5%
93.8%	68.3	69.4	1.1	1.6%
95.1%	68.2	69.3	1.2	1.7%
96.3%	67.9	68.9	1.0	1.5%
97.5%	67.6	68.8	1.2	1.8%
98.8%	67.5	68.3	0.9	1.3%
100.0%	67.5	68.3	0.9	1.3%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	78.5	78.4	-0.1	-0.1%
1.2%	76.8	74.6	-2.2	-2.8%
2.5%	75.6	74.5	-1.0	-1.4%
3.7%	75.5	74.3	-1.2	-1.5%
4.9%	75.4	73.6	-1.8	-2.3%
6.2%	75.3	73.5	-1.7	-2.3%
7.4%	75.1	73.4	-1.7	-2.3%
8.6%	74.9	73.4	-1.6	-2.1%
9.9%	74.6	73.3	-1.3	-1.7%
11.1%	73.6	73.2	-0.4	-0.5%
12.3%	73.6	73.1	-0.5	-0.6%
13.6%	73.5	73.1	-0.4	-0.5%
14.8%	73.3	72.9	-0.3	-0.5%
16.0%	73.2	72.7	-0.5	-0.6%
17.3%	73.2	72.6	-0.5	-0.7%
18.5%	73.2	72.5	-0.6	-0.9%
19.8%	73.1	72.2	-0.9	-1.2%
21.0%	73.0	72.1	-0.9	-1.2%
22.2%	72.9	72.0	-0.8	-1.1%
23.5%	72.8	72.0	-0.8	-1.1%
24.7%	72.8	71.8	-1.0	-1.3%
25.9%	72.8	71.8	-1.0	-1.3%
27.2%	72.6	71.8	-0.8	-1.1%
28.4%	72.5	71.8	-0.7	-1.0%
29.6%	72.5	71.7	-0.8	-1.1%
30.9%	72.5	71.5	-0.9	-1.3%
32.1%	72.2	71.4	-0.8	-1.1%
33.3%	72.1	71.4	-0.7	-1.0%
34.6%	72.1	71.4	-0.7	-1.0%
35.8%	71.9	71.4	-0.6	-0.8%
37.0%	71.9	71.2	-0.7	-1.0%
38.3%	71.9	71.2	-0.7	-1.0%
39.5%	71.9	71.1	-0.8	-1.0%
40.7%	71.7	71.1	-0.6	-0.9%
42.0%	71.6	71.1	-0.6	-0.8%
43.2%	71.5	70.9	-0.7	-0.9%
44.4%	71.5	70.9	-0.6	-0.8%
45.7%	71.4	70.8	-0.6	-0.8%
46.9%	71.4	70.8	-0.6	-0.8%
48.1%	71.4	70.8	-0.6	-0.8%
49.4%	71.3	70.8	-0.5	-0.7%
50.6%	71.3	70.7	-0.5	-0.7%
51.9%	71.2	70.7	-0.6	-0.8%
53.1%	71.2	70.7	-0.6	-0.8%
54.3%	71.1	70.5	-0.6	-0.8%
55.6%	71.1	70.4	-0.7	-0.9%
56.8%	71.0	70.3	-0.7	-1.0%
58.0%	70.9	70.3	-0.6	-0.9%
59.3%	70.9	70.3	-0.6	-0.9%
60.5%	70.8	70.3	-0.5	-0.7%
61.7%	70.8	70.2	-0.6	-0.8%
63.0%	70.6	70.2	-0.4	-0.6%
64.2%	70.6	70.2	-0.4	-0.6%
65.4%	70.6	70.2	-0.4	-0.6%
66.7%	70.6	70.2	-0.4	-0.6%
67.9%	70.6	70.2	-0.4	-0.6%
69.1%	70.5	70.1	-0.4	-0.5%
70.4%	70.5	70.1	-0.4	-0.6%
71.6%	70.5	69.9	-0.6	-0.9%
72.8%	70.3	69.8	-0.4	-0.6%
74.1%	70.2	69.8	-0.4	-0.6%
75.3%	70.2	69.8	-0.4	-0.6%
76.5%	70.1	69.8	-0.3	-0.5%
77.8%	70.1	69.8	-0.3	-0.5%
79.0%	70.0	69.8	-0.3	-0.4%
80.2%	70.0	69.7	-0.4	-0.5%
81.5%	70.0	69.6	-0.5	-0.7%
82.7%	70.0	69.5	-0.4	-0.6%
84.0%	69.8	69.1	-0.7	-1.1%
85.2%	69.8	69.0	-0.8	-1.1%
86.4%	69.7	69.0	-0.7	-1.1%
87.7%	69.5	69.0	-0.6	-0.8%
88.9%	69.4	68.9	-0.5	-0.7%
90.1%	69.4	68.9	-0.5	-0.7%
91.4%	69.2	68.8	-0.4	-0.6%
92.6%	69.2	68.5	-0.7	-1.0%
93.8%	68.7	68.5	-0.3	-0.4%
95.1%	68.5	68.2	-0.4	-0.5%
96.3%	68.4	68.1	-0.3	-0.4%
97.5%	68.2	67.9	-0.3	-0.4%
98.8%	67.8	67.7	-0.1	-0.2%
100.0%	67.8	67.7	-0.1	-0.2%

Table SQ10-1b

American River at Watt Avenue, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	78.4	79.8	1.4	1.8%
1.2%	78.3	75.7	-2.6	-3.3%
2.5%	77.3	75.5	-1.8	-2.3%
3.7%	76.9	75.4	-1.5	-1.9%
4.9%	76.2	75.3	-0.9	-1.2%
6.2%	76.1	75.2	-0.9	-1.2%
7.4%	75.7	75.0	-0.8	-1.0%
8.6%	74.3	74.4	0.0	0.0%
9.9%	74.2	74.0	-0.2	-0.3%
11.1%	74.1	73.7	-0.5	-0.6%
12.3%	74.1	73.3	-0.8	-1.0%
13.6%	74.0	73.1	-0.9	-1.2%
14.8%	73.8	73.1	-0.8	-1.0%
16.0%	73.5	73.0	-0.5	-0.7%
17.3%	73.4	72.8	-0.6	-0.8%
18.5%	73.3	72.1	-1.2	-1.6%
19.8%	73.1	72.0	-1.1	-1.5%
21.0%	73.0	71.9	-1.0	-1.4%
22.2%	72.7	71.9	-0.8	-1.1%
23.5%	72.7	71.9	-0.8	-1.1%
24.7%	72.3	71.6	-0.7	-1.0%
25.9%	72.2	71.6	-0.6	-0.9%
27.2%	72.2	71.5	-0.7	-0.9%
28.4%	72.2	71.4	-0.8	-1.1%
29.6%	72.0	71.4	-0.6	-0.9%
30.9%	71.9	71.2	-0.7	-1.0%
32.1%	71.8	71.0	-0.8	-1.2%
33.3%	71.8	71.0	-0.8	-1.2%
34.6%	71.8	71.0	-0.8	-1.2%
35.8%	71.8	71.0	-0.8	-1.1%
37.0%	71.7	70.9	-0.8	-1.1%
38.3%	71.6	70.6	-1.0	-1.4%
39.5%	71.6	70.6	-1.0	-1.4%
40.7%	71.5	70.5	-1.0	-1.4%
42.0%	71.5	70.5	-1.0	-1.4%
43.2%	71.5	70.5	-1.0	-1.4%
44.4%	71.4	70.4	-0.9	-1.3%
45.7%	71.3	70.4	-0.9	-1.3%
46.9%	71.2	70.3	-0.9	-1.2%
48.1%	71.2	70.3	-0.9	-1.2%
49.4%	71.1	70.2	-0.9	-1.3%
50.6%	71.1	70.2	-0.9	-1.3%
51.9%	71.0	70.2	-0.8	-1.2%
53.1%	71.0	70.1	-0.9	-1.2%
54.3%	71.0	70.1	-0.8	-1.2%
55.6%	70.9	70.1	-0.8	-1.2%
56.8%	70.9	70.1	-0.8	-1.1%
58.0%	70.7	70.1	-0.6	-0.8%
59.3%	70.6	70.0	-0.6	-0.8%
60.5%	70.6	70.0	-0.6	-0.9%
61.7%	70.6	70.0	-0.6	-0.9%
63.0%	70.5	70.0	-0.6	-0.8%
64.2%	70.5	70.0	-0.6	-0.8%
65.4%	70.5	69.9	-0.6	-0.8%
66.7%	70.5	69.9	-0.6	-0.9%
67.9%	70.3	69.9	-0.5	-0.7%
69.1%	70.2	69.8	-0.4	-0.6%
70.4%	70.2	69.8	-0.4	-0.6%
71.6%	70.2	69.8	-0.4	-0.6%
72.8%	70.2	69.8	-0.4	-0.6%
74.1%	70.2	69.7	-0.4	-0.6%
75.3%	70.2	69.7	-0.4	-0.6%
76.5%	70.1	69.7	-0.4	-0.6%
77.8%	70.1	69.7	-0.4	-0.6%
79.0%	70.1	69.6	-0.5	-0.7%
80.2%	70.1	69.6	-0.5	-0.7%
81.5%	70.1	69.6	-0.5	-0.7%
82.7%	70.0	69.5	-0.4	-0.6%
84.0%	69.9	69.4	-0.4	-0.6%
85.2%	69.8	69.4	-0.4	-0.6%
86.4%	69.8	69.4	-0.4	-0.6%
87.7%	69.8	69.3	-0.4	-0.6%
88.9%	69.7	69.3	-0.4	-0.6%
90.1%	69.7	69.3	-0.4	-0.6%
91.4%	69.7	69.2	-0.4	-0.6%
92.6%	69.6	69.2	-0.4	-0.6%
93.8%	69.5	69.2	-0.4	-0.5%
95.1%	69.4	68.9	-0.5	-0.8%
96.3%	69.4	68.9	-0.5	-0.7%
97.5%	69.4	68.7	-0.7	-1.0%
98.8%	69.3	68.7	-0.6	-0.9%
100.0%	68.3	67.9	-0.3	-0.5%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	80.0	80.0	0.1	0.1%
1.2%	79.0	75.7	-3.3	-4.1%
2.5%	77.3	75.7	-1.6	-2.1%
3.7%	76.4	75.3	-1.1	-1.4%
4.9%	76.3	75.3	-1.0	-1.3%
6.2%	76.0	75.1	-0.9	-1.2%
7.4%	75.3	75.1	-0.2	-0.3%
8.6%	74.9	74.9	0.0	0.0%
9.9%	74.7	74.4	-0.2	-0.3%
11.1%	74.6	74.0	-0.6	-0.8%
12.3%	74.6	73.8	-0.8	-1.0%
13.6%	74.6	73.7	-0.8	-1.1%
14.8%	74.0	73.5	-0.5	-0.7%
16.0%	73.9	73.4	-0.6	-0.8%
17.3%	73.6	73.0	-0.6	-0.8%
18.5%	73.6	72.9	-0.7	-1.0%
19.8%	73.3	72.8	-0.5	-0.6%
21.0%	73.1	72.6	-0.5	-0.7%
22.2%	72.9	72.6	-0.3	-0.5%
23.5%	72.9	72.0	-0.9	-1.2%
24.7%	72.8	71.8	-1.0	-1.4%
25.9%	72.7	71.8	-0.9	-1.2%
27.2%	72.6	71.8	-0.8	-1.1%
28.4%	72.5	71.8	-0.7	-0.9%
29.6%	72.4	71.7	-0.7	-1.0%
30.9%	72.1	71.7	-0.4	-0.6%
32.1%	72.0	71.5	-0.5	-0.7%
33.3%	72.0	71.5	-0.5	-0.7%
34.6%	72.0	71.4	-0.6	-0.8%
35.8%	72.0	71.3	-0.6	-0.9%
37.0%	71.9	71.2	-0.8	-1.0%
38.3%	71.9	71.1	-0.8	-1.1%
39.5%	71.8	71.0	-0.8	-1.1%
40.7%	71.8	71.0	-0.8	-1.2%
42.0%	71.6	70.8	-0.9	-1.2%
43.2%	71.6	70.7	-0.9	-1.2%
44.4%	71.5	70.7	-0.8	-1.2%
45.7%	71.5	70.7	-0.9	-1.2%
46.9%	71.2	70.6	-0.6	-0.9%
48.1%	71.2	70.6	-0.6	-0.9%
49.4%	71.1	70.6	-0.6	-0.8%
50.6%	71.1	70.5	-0.7	-0.9%
51.9%	71.0	70.4	-0.6	-0.9%
53.1%	71.0	70.3	-0.7	-1.0%
54.3%	71.0	70.3	-0.7	-1.0%
55.6%	71.0	70.2	-0.8	-1.1%
56.8%	71.0	70.1	-0.9	-1.3%
58.0%	70.9	70.1	-0.9	-1.2%
59.3%	70.9	70.1	-0.9	-1.2%
60.5%	70.9	70.1	-0.8	-1.2%
61.7%	70.8	70.1	-0.7	-1.0%
63.0%	70.8	70.0	-0.7	-1.0%
64.2%	70.7	70.0	-0.7	-1.0%
65.4%	70.6	70.0	-0.6	-0.9%
66.7%	70.6	70.0	-0.6	-0.8%
67.9%	70.5	69.9	-0.6	-0.9%
69.1%	70.5	69.9	-0.6	-0.9%
70.4%	70.5	69.9	-0.6	-0.9%
71.6%	70.4	69.8	-0.7	-1.0%
72.8%	70.4	69.7	-0.7	-1.0%
74.1%	70.4	69.7	-0.7	-1.0%
75.3%	70.4	69.7	-0.7	-1.0%
76.5%	70.3	69.6	-0.6	-0.9%
77.8%	70.2	69.6	-0.6	-0.8%
79.0%	70.2	69.6	-0.6	-0.8%
80.2%	70.1	69.6	-0.5	-0.7%
81.5%	70.0	69.5	-0.5	-0.8%
82.7%	70.0	69.5	-0.5	-0.8%
84.0%	70.0	69.5	-0.5	-0.7%
85.2%	69.9	69.4	-0.5	-0.7%
86.4%	69.8	69.4	-0.5	-0.7%
87.7%	69.8	69.3	-0.5	-0.7%
88.9%	69.8	69.3	-0.5	-0.7%
90.1%	69.7	69.3	-0.5	-0.7%
91.4%	69.7	69.2	-0.5	-0.7%
92.6%	69.6	69.2	-0.4	-0.6%
93.8%	69.6	69.1	-0.5	-0.8%
95.1%	69.6	69.1	-0.5	-0.7%
96.3%	69.5	68.9	-0.6	-0.9%
97.5%	69.4	68.9	-0.5	-0.7%
98.8%	69.1	68.4	-0.7	-1.0%
100.0%	68.8	68.3	-0.5	-0.7%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	78.8	79.1	0.4	0.5%
1.2%	78.5	76.2	-2.2	-2.8%
2.5%	77.2	75.8	-1.4	-1.8%
3.7%	76.7	75.0	-1.7	-2.2%
4.9%	75.7	74.7	-1.0	-1.3%
6.2%	75.4	74.4	-1.0	-1.3%
7.4%	75.4	74.3	-1.1	-1.5%
8.6%	75.1	73.9	-1.2	-1.6%
9.9%	74.6	73.8	-0.9	-1.2%
11.1%	74.2	73.7	-0.5	-0.7%
12.3%	74.2	73.7	-0.5	-0.7%
13.6%	73.9	73.5	-0.4	-0.6%
14.8%	73.9	73.3	-0.6	-0.8%
16.0%	73.8	73.1	-0.8	-1.0%
17.3%	73.6	73.0	-0.5	-0.7%
18.5%	73.5	73.0	-0.5	-0.7%
19.8%	73.4	73.0	-0.4	-0.6%
21.0%	73.0	72.9	-0.1	-0.2%
22.2%	72.9	72.7	-0.2	-0.3%
23.5%	72.9	72.2	-0.6	-0.9%
24.7%	72.8	72.0	-0.8	-1.2%
25.9%	72.7	71.9	-0.8	-1.2%
27.2%	72.7	71.8	-0.9	-1.2%
28.4%	72.7	71.7	-0.9	-1.3%
29.6%	72.4	71.7	-0.7	-1.0%
30.9%	72.4	71.6	-0.7	-1.0%
32.1%	72.3	71.6	-0.7	-1.0%
33.3%	72.3	71.6	-0.7	-1.0%
34.6%	72.3	71.6	-0.7	-1.0%
35.8%	72.3	71.5	-0.8	-1.1%
37.0%	72.1	71.5	-0.6	-0.9%
38.3%	72.1	71.4	-0.7	-1.0%
39.5%	72.1	71.4	-0.7	-1.0%
40.7%	72.0	71.3	-0.7	-0.9%
42.0%	71.9	71.3	-0.6	-0.9%
43.2%	71.9	71.2	-0.7	-1.0%
44.4%	71.8	71.1	-0.7	-0.9%
45.7%	71.7	71.1	-0.6	-0.9%
46.9%	71.7	71.0	-0.6	-0.9%
48.1%	71.6	71.0	-0.7	-1.0%
49.4%	71.5	70.9	-0.6	-0.8%
50.6%	71.5	70.9	-0.6	-0.8%
51.9%	71.5	70.9	-0.6	-0.9%
53.1%	71.3	70.8	-0.5	-0.7%
54.3%	71.3	70.8	-0.5	-0.7%
55.6%	71.3	70.8	-0.5	-0.7%
56.8%	71.2	70.7	-0.5	-0.7%
58.0%	71.2	70.7	-0.5	-0.7%
59.3%	71.2	70.6	-0.6	-0.8%
60.5%	71.1	70.6	-0.6	-0.8%
61.7%	71.0	70.5	-0.5	-0.7%
63.0%	70.9	70.5	-0.4	-0.5%
64.2%	70.8	70.5	-0.3	-0.4%
65.4%	70.7	70.5	-0.2	-0.2%
66.7%	70.6	70.3	-0.4	-0.5%
67.9%	70.6	70.3	-0.3	-0.5%
69.1%	70.5	70.1	-0.4	-0.6%
70.4%	70.4	70.1	-0.4	-0.5%
71.6%	70.4	70.0	-0.4	-0.6%
72.8%	70.3	70.0	-0.3	-0.5%
74.1%	70.2	70.0	-0.3	-0.4%
75.3%	70.2	70.0	-0.2	-0.3%
76.5%	70.2	69.9	-0.3	-0.4%
77.8%	70.2	69.9	-0.3	-0.4%
79.0%	70.1	69.8	-0.3	-0.4%
80.2%	70.0	69.8	-0.2	-0.3%
81.5%	70.0	69.8	-0.2	-0.3%
82.7%	70.0	69.8	-0.2	-0.3%
84.0%	70.0	69.6	-0.4	-0.5%
85.2%	70.0	69.6	-0.4	-0.6%
86.4%	70.0	69.6	-0.4	-0.6%
87.7%	69.9	69.6	-0.4	-0.5%
88.9%	69.8	69.5	-0.2	-0.3%
90.1%	69.7	69.4	-0.4	-0.5%
91.4%	69.7	69.4	-0.3	-0.5%
92.6%	69.7	69.3	-0.4	-0.6%
93.8%	69.5	69.2	-0.3	-0.5%
95.1%	69.2	69.0	-0.1	-0.2%
96.3%	69.2	68.9	-0.3	-0.4%
97.5%	69.0	68.8	-0.2	-0.4%
98.8%	68.6	68.6	0.1	0.1%
100.0%	68.5	68.5	-0.1	-0.1%

Figure SQ11-1b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

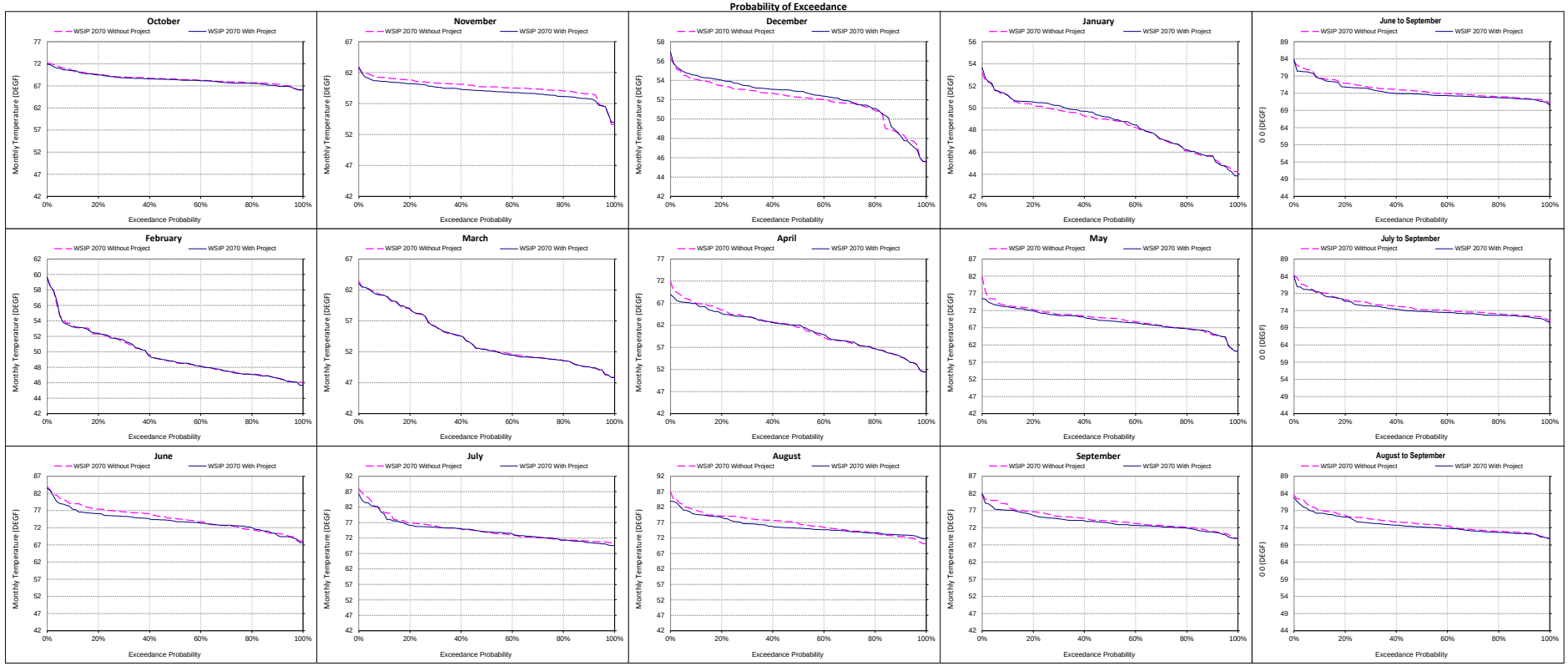


Table SQ11-1b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	72.2	71.9	-0.3	-0.4%
1.2%	72.0	71.8	-0.3	-0.4%
2.5%	71.8	71.4	-0.5	-0.7%
3.7%	71.7	71.1	-0.7	-0.9%
4.9%	71.2	71.0	-0.2	-0.3%
6.2%	71.1	70.6	-0.4	-0.6%
7.4%	70.9	70.6	-0.3	-0.4%
8.6%	70.8	70.5	-0.3	-0.5%
9.9%	70.5	70.5	0.0	0.0%
11.1%	70.1	70.4	0.3	0.4%
12.3%	70.1	70.1	0.0	-0.1%
13.6%	70.1	69.9	-0.2	-0.3%
14.8%	70.0	69.8	-0.2	-0.3%
16.0%	69.8	69.7	-0.1	-0.2%
17.3%	69.8	69.7	-0.1	-0.1%
18.5%	69.7	69.5	-0.1	-0.2%
19.8%	69.7	69.5	-0.1	-0.2%
21.0%	69.6	69.5	-0.1	-0.2%
22.2%	69.5	69.3	-0.2	-0.2%
23.5%	69.4	69.2	-0.1	-0.2%
24.7%	69.1	69.1	0.0	0.0%
25.9%	69.1	69.1	-0.1	-0.1%
27.2%	69.0	68.9	-0.1	-0.1%
28.4%	69.0	68.9	-0.2	-0.2%
29.6%	69.0	68.8	-0.2	-0.3%
30.9%	69.0	68.8	-0.1	-0.2%
32.1%	68.9	68.8	-0.2	-0.2%
33.3%	68.9	68.7	-0.2	-0.2%
34.6%	68.9	68.7	-0.2	-0.3%
35.8%	68.9	68.7	-0.2	-0.3%
37.0%	68.9	68.7	-0.2	-0.3%
38.3%	68.9	68.7	-0.2	-0.3%
39.5%	68.8	68.6	-0.2	-0.3%
40.7%	68.7	68.6	-0.1	-0.2%
42.0%	68.7	68.6	-0.1	-0.2%
43.2%	68.7	68.5	-0.1	-0.2%
44.4%	68.7	68.5	-0.2	-0.2%
45.7%	68.6	68.5	-0.1	-0.2%
46.9%	68.6	68.5	-0.1	-0.2%
48.1%	68.6	68.5	-0.1	-0.2%
49.4%	68.6	68.4	-0.2	-0.2%
50.6%	68.5	68.4	-0.1	-0.2%
51.9%	68.4	68.4	-0.1	-0.1%
53.1%	68.4	68.3	-0.1	-0.2%
54.3%	68.4	68.3	-0.1	-0.2%
55.6%	68.4	68.3	-0.1	-0.2%
56.8%	68.4	68.3	-0.1	-0.2%
58.0%	68.3	68.3	-0.1	-0.1%
59.3%	68.3	68.2	-0.1	-0.1%
60.5%	68.3	68.2	-0.1	-0.2%
61.7%	68.2	68.1	-0.1	-0.2%
63.0%	68.2	68.1	-0.1	-0.1%
64.2%	68.1	68.1	0.0	0.0%
65.4%	68.1	68.0	-0.1	-0.1%
66.7%	68.0	67.9	-0.1	-0.2%
67.9%	68.0	67.8	-0.2	-0.3%
69.1%	68.0	67.8	-0.2	-0.4%
70.4%	68.0	67.7	-0.2	-0.4%
71.6%	67.9	67.7	-0.2	-0.4%
72.8%	67.9	67.7	-0.2	-0.3%
74.1%	67.9	67.6	-0.3	-0.4%
75.3%	67.9	67.6	-0.2	-0.4%
76.5%	67.8	67.6	-0.2	-0.4%
77.8%	67.7	67.6	-0.1	-0.2%
79.0%	67.7	67.6	-0.1	-0.2%
80.2%	67.7	67.6	-0.1	-0.2%
81.5%	67.7	67.6	-0.1	-0.2%
82.7%	67.7	67.5	-0.1	-0.2%
84.0%	67.6	67.4	-0.3	-0.4%
85.2%	67.6	67.4	-0.2	-0.4%
86.4%	67.6	67.2	-0.4	-0.6%
87.7%	67.5	67.1	-0.4	-0.6%
88.9%	67.4	67.1	-0.3	-0.5%
90.1%	67.4	66.9	-0.4	-0.6%
91.4%	67.3	66.9	-0.4	-0.6%
92.6%	67.0	66.9	-0.1	-0.2%
93.8%	67.0	66.9	-0.2	-0.3%
95.1%	66.9	66.8	-0.1	-0.2%
96.3%	66.5	66.4	-0.1	-0.1%
97.5%	66.2	66.2	0.0	0.0%
98.8%	66.0	66.1	0.0	0.1%
100.0%	66.0	66.1	0.0	0.1%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	62.9	62.8	-0.2	-0.3%
1.2%	62.0	61.9	-0.2	-0.3%
2.5%	61.9	61.3	-0.7	-1.1%
3.7%	61.8	61.1	-0.7	-1.1%
4.9%	61.6	60.9	-0.7	-1.2%
6.2%	61.3	60.7	-0.6	-1.1%
7.4%	61.3	60.7	-0.6	-1.0%
8.6%	61.2	60.6	-0.6	-1.1%
9.9%	61.2	60.6	-0.6	-1.1%
11.1%	61.2	60.5	-0.6	-1.0%
12.3%	61.1	60.5	-0.6	-1.0%
13.6%	61.0	60.4	-0.6	-1.0%
14.8%	61.0	60.4	-0.6	-0.9%
16.0%	60.9	60.4	-0.5	-0.9%
17.3%	60.9	60.3	-0.6	-0.9%
18.5%	60.8	60.2	-0.6	-1.0%
19.8%	60.8	60.2	-0.6	-1.0%
21.0%	60.8	60.2	-0.6	-1.0%
22.2%	60.6	60.2	-0.4	-0.7%
23.5%	60.6	60.1	-0.5	-0.7%
24.7%	60.5	60.1	-0.4	-0.7%
25.9%	60.5	60.1	-0.4	-0.7%
27.2%	60.4	59.8	-0.6	-1.0%
28.4%	60.4	59.8	-0.6	-0.9%
29.6%	60.3	59.7	-0.6	-1.0%
30.9%	60.3	59.6	-0.7	-1.1%
32.1%	60.3	59.6	-0.7	-1.1%
33.3%	60.2	59.5	-0.8	-1.3%
34.6%	60.2	59.5	-0.8	-1.2%
35.8%	60.2	59.5	-0.8	-1.3%
37.0%	60.2	59.5	-0.7	-1.2%
38.3%	60.1	59.4	-0.7	-1.2%
39.5%	60.1	59.3	-0.8	-1.3%
40.7%	60.1	59.3	-0.9	-1.4%
42.0%	60.0	59.2	-0.8	-1.3%
43.2%	60.0	59.2	-0.8	-1.3%
44.4%	60.0	59.1	-0.8	-1.4%
45.7%	59.8	59.1	-0.7	-1.1%
46.9%	59.7	59.1	-0.6	-1.0%
48.1%	59.7	59.1	-0.6	-1.1%
49.4%	59.7	59.1	-0.7	-1.1%
50.6%	59.7	59.0	-0.7	-1.1%
51.9%	59.7	59.0	-0.7	-1.2%
53.1%	59.7	59.0	-0.7	-1.3%
54.3%	59.7	58.9	-0.8	-1.3%
55.6%	59.6	58.9	-0.7	-1.2%
56.8%	59.6	58.9	-0.7	-1.1%
58.0%	59.5	58.9	-0.7	-1.1%
59.3%	59.5	58.8	-0.7	-1.2%
60.5%	59.5	58.8	-0.7	-1.2%
61.7%	59.5	58.8	-0.7	-1.2%
63.0%	59.5	58.7	-0.8	-1.3%
64.2%	59.5	58.7	-0.8	-1.3%
65.4%	59.5	58.7	-0.8	-1.4%
66.7%	59.4	58.7	-0.8	-1.3%
67.9%	59.3	58.6	-0.7	-1.2%
69.1%	59.3	58.6	-0.7	-1.2%
70.4%	59.3	58.5	-0.8	-1.4%
71.6%	59.3	58.5	-0.8	-1.3%
72.8%	59.3	58.4	-0.8	-1.4%
74.1%	59.2	58.4	-0.8	-1.4%
75.3%	59.2	58.4	-0.8	-1.4%
76.5%	59.2	58.3	-0.8	-1.4%
77.8%	59.1	58.2	-1.0	-1.6%
79.0%	59.1	58.2	-1.0	-1.6%
80.2%	59.0	58.1	-0.9	-1.5%
81.5%	59.0	58.1	-0.9	-1.5%
82.7%	59.0	58.1	-0.9	-1.5%
84.0%	58.9	58.1	-0.8	-1.4%
85.2%	58.8	58.0	-0.8	-1.4%
86.4%	58.7	57.9	-0.8	-1.4%
87.7%	58.6	57.8	-0.8	-1.4%
88.9%	58.6	57.8	-0.7	-1.3%
90.1%	58.5	57.7	-0.8	-1.4%
91.4%	58.5	57.7	-0.9	-1.5%
92.6%	58.4	57.4	-0.9	-1.6%
93.8%	56.9	56.7	-0.2	-0.3%
95.1%	56.6	56.7	0.1	0.1%
96.3%	56.5	56.5	0.1	0.1%
97.5%	55.3	55.3	0.1	0.1%
98.8%	53.6	54.0	0.3	0.6%
100.0%	53.6	54.0	0.3	0.6%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.3	56.9	0.6	1.1%
1.2%	55.7	55.8	0.0	0.0%
2.5%	55.1	55.4	0.2	0.4%
3.7%	55.0	55.1	0.1	0.2%
4.9%	54.5	54.9	0.4	0.7%
6.2%	54.5	54.7	0.2	0.4%
7.4%	54.2	54.7	0.5	0.8%
8.6%	54.2	54.6	0.4	0.7%
9.9%	54.1	54.5	0.4	0.8%
11.1%	54.0	54.4	0.4	0.7%
12.3%	53.9	54.3	0.4	0.8%
13.6%	53.9	54.3	0.3	0.6%
14.8%	53.9	54.2	0.4	0.7%
16.0%	53.8	54.2	0.5	0.9%
17.3%	53.6	54.1	0.5	1.0%
18.5%	53.5	54.1	0.6	1.1%
19.8%	53.4	54.0	0.6	1.1%
21.0%	53.4	54.0	0.5	1.0%
22.2%	53.3	53.9	0.6	1.1%
23.5%	53.3	53.9	0.6	1.1%
24.7%	53.1	53.7	0.6	1.2%
25.9%	53.1	53.7	0.6	1.2%
27.2%	53.1	53.6	0.5	1.0%
28.4%	53.1	53.5	0.4	0.8%
29.6%	53.0	53.5	0.4	0.8%
30.9%	53.0	53.4	0.5	0.9%
32.1%	53.0	53.3	0.3	0.6%
33.3%	52.9	53.2	0.3	0.6%
34.6%	52.8	53.2	0.4	0.8%
35.8%	52.7	53.2	0.4	0.8%
37.0%	52.7	53.1	0.4	0.8%
38.3%	52.7	53.1	0.5	0.9%
39.5%	52.7	53.1	0.4	0.8%
40.7%	52.6	53.1	0.4	0.8%
42.0%	52.6	53.0	0.5	0.9%
43.2%	52.5	53.0	0.5	1.0%
44.4%	52.5	53.0	0.5	1.0%
45.7%	52.4	53.0	0.6	1.2%
46.9%	52.4	53.0	0.6	1.2%
48.1%	52.3	52.9	0.6	1.1%
49.4%	52.3	52.9	0.6	1.2%
50.6%	52.3	52.8	0.6	1.1%
51.9%	52.2	52.8	0.6	1.2%
53.1%	52.2	52.7	0.5	1.0%
54.3%	52.1	52.6	0.5	0.9%
55.6%	52.1	52.5	0.4	0.8%
56.8%	52.1	52.5	0.4	0.7%
58.0%	52.0	52.4	0.4	0.8%
59.3%	52.0	52.4	0.4	0.7%
60.5%	52.0	52.4	0.3	0.6%
61.7%	51.9	52.3	0.4	0.7%
63.0%	51.8	52.2	0.4	0.8%
64.2%	51.7	52.2	0.4	0.8%
65.4%	51.7	52.2	0.5	0.9%
66.7%	51.7	52.0	0.3	0.6%
67.9%	51.7	51.9	0.2	0.5%
69.1%	51.6	51.9	0.2	0.5%
70.4%	51.6	51.8	0.2	0.4%
71.6%	51.6	51.7	0.1	0.1%
72.8%	51.6	51.5	-0.1	-0.2%
74.1%	51.5	51.5	-0.1	-0.1%
75.3%	51.3	51.4	0.1	0.2%
76.5%	51.3	51.4	0.2	0.3%
77.8%	51.2	51.3	0.1	0.3%
79.0%	51.0	51.1	0.1	0.1%
80.2%	50.8	51.1	0.3	0.5%
81.5%	50.8	50.8	0.0	0.1%
82.7%	50.7	50.5	-0.2	-0.3%
84.0%	49.1	50.4	1.3	2.7%
85.2%	48.9	50.1	1.2	2.5%
86.4%	48.9	49.2	0.3	0.6%
87.7%	48.7	48.9	0.2	0.4%
88.9%	48.6	48.5	-0.1	-0.2%
90.1%	48.5	48.2	-0.3	-0.6%
91.4%	48.3	47.8	-0.5	-1.1%
92.6%	47.8	47.7	-0.1	-0.2%
93.8%	47.8	47.4	-0.4	-0.8%
95.1%	47.7	47.1	-0.6	-1.3%
96.3%	47.3	46.9	-0.5	-1.0%
97.5%	45.9	46.0	0.0	0.1%
98.8%	45.6	45.6	0.0	0.0%
100.0%	45.6	45.6	0.0	0.0%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.2	53.7	0.5	0.9%
1.2%	52.5	52.8	0.3	0.5%
2.5%	52.4	52.3	-0.1	-0.2%
3.7%	52.1	52.3	0.2	0.3%
4.9%	51.7	51.6	-0.1	-0.2%
6.2%	51.5	51.6	0.0	0.1%
7.4%	51.3	51.4	0.1	0.3%
8.6%	51.2	51.3	0.1	0.2%
9.9%	51.2	51.2	0.0	-0.1%
11.1%	50.9	50.9	0.0	0.0%
12.3%	50.6	50.7	0.1	0.2%
13.6%	50.6	50.6	0.1	0.2%
14.8%	50.4	50.6	0.2	0.4%
16.0%	50.4	50.6	0.2	0.4%
17.3%	50.4	50.6	0.2	0.4%
18.5%	50.4	50.6	0.2	0.4%
19.8%	50.3	50.5	0.2	0.4%
21.0%	50.2	50.5	0.3	0.6%
22.2%	50.1	50.5	0.3	0.7%
23.5%	50.1	50.5	0.3	0.7%
24.7%	50.0	50.4	0.4	0.8%
25.9%	50.0	50.4	0.4	0.9%
27.2%	49.9	50.3	0.4	0.7%
28.4%	49.8	50.2	0.4	0.8%
29.6%	49.8	50.2	0.4	0.8%
30.9%	49.8	50.2	0.4	0.8%
32.1%	49.7	50.0	0.3	0.6%
33.3%	49.6	49.9	0.3	0.6%
34.6%	49.6	49.9	0.3	0.5%
35.8%	49.6	49.8	0.2	0.5%
37.0%	49.6	49.8	0.3	0.6%
38.3%	49.5	49.7	0.2	0.5%
39.5%	49.3	49.7	0.4	0.8%
40.7%	49.2	49.7	0.5	1.0%
42.0%	49.2	49.6	0.4	0.9%
43.2%	49.2	49.6	0.5	0.9%
44.4%	49.0	49.4	0.3	0.7%
45.7%	49.0	49.3	0.3	0.7%
46.9%	49.0	49.2	0.2	0.5%
48.1%	49.0	49.2	0.2	0.4%
49.4%	49.0	49.2	0.2	0.5%
50.6%	48.9	49.0	0.2	0.3%
51.9%	48.8	49.0	0.1	0.2%
53.1%	48.8	48.9	0.1	0.2%
54.3%	48.8	48.8	0.0	0.1%
55.6%	48.7	48.8	0.0	0.0%
56.8%	48.5	48.8	0.3	0.6%
58.0%	48.4	48.6	0.2	0.4%
59.3%	48.3	48.5	0.2	0.4%
60.5%	48.2	48.4	0.3	0.5%
61.7%	48.1	48.1	0.1	0.1%
63.0%	48.0	48.0	0.0	0.1%
64.2%	47.9	47.9	0.0	0.0%
65.4%	47.8	47.8	0.0	0.0%
66.7%	47.7	47.8	0.1	0.1%
67.9%	47.6	47.6	0.0	0.0%
69.1%	47.2	47.3	0.0	0.0%
70.4%	47.1	47.2	0.1	0.2%
71.6%	47.0	47.1	0.0	0.1%
72.8%	46.9	47.0	0.1	0.2%
74.1%	46.8	46.9	0.1	0.1%
75.3%	46.8	46.8	0.0	0.0%
76.5%	46.7	46.7	0.0	0.0%
77.8%	46.5	46.5	0.0	0.0%
79.0%	46.1	46.3	0.1	0.3%
80.2%	46.1	46.2	0.1	0.2%
81.5%	46.1	46.1	0.0	0.0%
82.7%	45.9	46.1	0.2	0.4%
84.0%	45.9	46.0	0.1	0.2%
85.2%	45.7	45.9	0.1	0.2%
86.4%	45.7	45.8	0.1	0.2%
87.7%	45.7	45.7	0.0	0.0%
88.9%	45.6	45.7	0.0	0.1%
90.1%	45.6	45.7	0.0	0.1%
91.4%	45.3	45.1	-0.2	-0.4%
92.6%	45.1	44.9	-0.2	-0.4%
93.8%	44.7	44.8	0.0	0.1%
95.1%	44.7	44.8	0.1	0.1%
96.3%	44.7	44.4	-0.3	-0.6%
97.5%	44.4	44.2	-0.2	-0.4%
98.8%	44.2	43.9	-0.4	-0.9%
100.0%	44.2	43.9	-0.4	-0.9%

Table SQ11-1b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	59.4	59.7	0.3	0.5%
1.2%	58.4	58.4	0.1	0.1%
2.5%	57.9	57.9	0.1	0.1%
3.7%	56.1	56.6	0.5	0.8%
4.9%	54.7	54.6	-0.1	-0.1%
6.2%	54.2	53.8	-0.4	-0.8%
7.4%	53.7	53.6	-0.1	-0.2%
8.6%	53.7	53.4	-0.3	-0.5%
9.9%	53.5	53.2	-0.3	-0.6%
11.1%	53.1	53.2	0.1	0.1%
12.3%	53.1	53.2	0.1	0.1%
13.6%	53.1	53.1	0.1	0.1%
14.8%	53.1	53.0	0.0	-0.1%
16.0%	53.1	52.9	-0.2	-0.4%
17.3%	52.3	52.5	0.2	0.4%
18.5%	52.3	52.4	0.1	0.3%
19.8%	52.3	52.4	0.1	0.2%
21.0%	52.3	52.3	0.0	0.1%
22.2%	52.1	52.2	0.1	0.3%
23.5%	52.0	52.2	0.1	0.3%
24.7%	52.0	51.8	-0.2	-0.4%
25.9%	51.9	51.7	-0.1	-0.2%
27.2%	51.7	51.7	0.0	0.1%
28.4%	51.5	51.6	0.2	0.3%
29.6%	51.2	51.6	0.4	0.7%
30.9%	51.2	51.3	0.2	0.3%
32.1%	50.9	51.2	0.2	0.4%
33.3%	50.8	51.0	0.2	0.3%
34.6%	50.5	50.5	0.0	0.0%
35.8%	50.5	50.4	0.0	-0.1%
37.0%	50.2	50.3	0.1	0.2%
38.3%	50.1	50.2	0.1	0.2%
39.5%	49.7	49.6	-0.1	-0.2%
40.7%	49.5	49.3	-0.2	-0.5%
42.0%	49.2	49.2	0.0	0.0%
43.2%	49.1	49.1	0.0	0.1%
44.4%	49.1	49.0	0.0	-0.1%
45.7%	49.0	49.0	0.0	0.0%
46.9%	48.9	48.9	0.0	0.0%
48.1%	48.8	48.8	0.0	0.0%
49.4%	48.8	48.8	0.0	0.0%
50.6%	48.5	48.6	0.1	0.2%
51.9%	48.5	48.5	0.0	0.0%
53.1%	48.5	48.5	0.1	0.1%
54.3%	48.5	48.5	0.1	0.1%
55.6%	48.4	48.5	0.0	0.1%
56.8%	48.3	48.4	0.0	0.1%
58.0%	48.3	48.2	-0.1	-0.2%
59.3%	48.1	48.2	0.1	0.1%
60.5%	48.1	48.1	0.0	0.0%
61.7%	48.0	48.0	0.0	0.0%
63.0%	47.9	48.0	0.0	0.1%
64.2%	47.9	47.9	0.0	0.0%
65.4%	47.8	47.8	0.1	0.2%
66.7%	47.6	47.8	0.2	0.3%
67.9%	47.6	47.7	0.1	0.2%
69.1%	47.5	47.5	0.0	0.0%
70.4%	47.5	47.5	0.0	0.0%
71.6%	47.5	47.4	0.0	0.0%
72.8%	47.5	47.3	-0.2	-0.4%
74.1%	47.3	47.3	0.0	0.0%
75.3%	47.2	47.2	0.0	0.0%
76.5%	47.1	47.1	0.0	0.0%
77.8%	47.1	47.1	0.0	0.0%
79.0%	47.1	47.1	0.0	0.1%
80.2%	47.1	47.1	0.0	-0.1%
81.5%	47.1	47.0	0.0	-0.1%
82.7%	47.1	46.9	-0.1	-0.2%
84.0%	47.0	46.9	-0.1	-0.1%
85.2%	46.9	46.9	0.0	-0.1%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.8	46.7	0.0	-0.1%
88.9%	46.7	46.7	-0.1	-0.1%
90.1%	46.6	46.6	0.0	0.0%
91.4%	46.5	46.5	0.0	0.0%
92.6%	46.4	46.4	0.0	0.0%
93.8%	46.3	46.2	-0.2	-0.3%
95.1%	46.2	46.1	0.0	-0.1%
96.3%	46.1	46.1	0.0	0.0%
97.5%	46.1	46.1	0.0	0.0%
98.8%	46.1	45.7	-0.4	-0.8%
100.0%	46.1	45.7	-0.4	-0.8%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	63.4	63.0	-0.4	-0.6%
1.2%	62.5	62.5	-0.1	-0.1%
2.5%	62.2	62.4	0.2	0.3%
3.7%	62.2	62.2	0.0	0.0%
4.9%	61.9	61.8	-0.2	-0.3%
6.2%	61.7	61.5	-0.3	-0.4%
7.4%	61.5	61.2	-0.2	-0.3%
8.6%	61.2	61.2	0.0	-0.1%
9.9%	61.1	61.2	0.0	0.0%
11.1%	61.0	60.9	-0.2	-0.3%
12.3%	60.3	60.4	0.1	0.2%
13.6%	60.1	60.2	0.1	0.2%
14.8%	59.9	60.1	0.2	0.3%
16.0%	59.5	59.5	0.0	0.0%
17.3%	59.1	59.4	0.3	0.5%
18.5%	59.1	59.2	0.1	0.2%
19.8%	59.0	59.1	0.1	0.2%
21.0%	58.5	58.5	0.0	0.1%
22.2%	58.2	58.2	0.1	0.1%
23.5%	58.1	58.2	0.1	0.1%
24.7%	58.1	58.1	0.0	0.0%
25.9%	57.9	57.8	-0.1	-0.1%
27.2%	56.6	56.8	0.2	0.4%
28.4%	56.3	56.3	0.0	0.0%
29.6%	56.2	56.2	0.0	0.0%
30.9%	55.8	55.8	0.0	0.0%
32.1%	55.5	55.5	0.1	0.1%
33.3%	55.2	55.2	0.0	0.0%
34.6%	55.0	55.2	0.2	0.4%
35.8%	54.9	55.0	0.1	0.3%
37.0%	54.8	54.8	0.0	0.0%
38.3%	54.6	54.7	0.1	0.2%
39.5%	54.6	54.6	0.0	0.0%
40.7%	54.4	54.5	0.0	0.0%
42.0%	53.8	53.8	0.1	0.1%
43.2%	53.6	53.6	0.0	0.0%
44.4%	53.2	53.2	0.0	0.0%
45.7%	52.6	52.6	0.1	0.1%
46.9%	52.5	52.6	0.0	0.0%
48.1%	52.5	52.4	0.0	0.0%
49.4%	52.4	52.4	0.0	0.0%
50.6%	52.3	52.2	0.0	0.0%
51.9%	52.2	52.1	-0.1	-0.2%
53.1%	52.1	52.1	-0.1	-0.1%
54.3%	52.0	51.9	-0.1	-0.1%
55.6%	51.9	51.8	-0.1	-0.2%
56.8%	51.8	51.6	-0.3	-0.5%
58.0%	51.8	51.6	-0.3	-0.5%
59.3%	51.6	51.5	-0.2	-0.3%
60.5%	51.6	51.5	-0.1	-0.2%
61.7%	51.5	51.3	-0.1	-0.3%
63.0%	51.4	51.2	-0.3	-0.5%
64.2%	51.3	51.2	-0.2	-0.3%
65.4%	51.3	51.2	-0.1	-0.3%
66.7%	51.1	51.2	0.0	0.1%
67.9%	51.1	51.1	0.0	0.1%
69.1%	51.1	51.1	0.0	-0.1%
70.4%	51.1	51.1	0.0	0.0%
71.6%	51.0	51.0	0.0	0.0%
72.8%	51.0	51.0	0.0	0.0%
74.1%	50.8	50.9	0.0	0.1%
75.3%	50.8	50.8	0.0	0.0%
76.5%	50.8	50.8	0.0	0.0%
77.8%	50.7	50.7	0.0	-0.1%
79.0%	50.7	50.7	0.0	-0.1%
80.2%	50.5	50.5	0.0	0.0%
81.5%	50.5	50.5	0.0	0.1%
82.7%	50.4	50.4	0.0	0.1%
84.0%	50.1	50.0	-0.1	-0.1%
85.2%	49.8	49.9	0.1	0.1%
86.4%	49.7	49.8	0.0	0.1%
87.7%	49.6	49.7	0.0	0.1%
88.9%	49.6	49.6	0.0	0.0%
90.1%	49.6	49.6	0.0	0.0%
91.4%	49.5	49.4	-0.1	-0.2%
92.6%	49.3	49.4	0.1	0.1%
93.8%	49.1	49.1	0.0	-0.1%
95.1%	49.0	49.1	0.0	0.1%
96.3%	48.3	48.4	0.1	0.2%
97.5%	48.3	48.2	0.0	0.0%
98.8%	47.9	47.9	0.0	0.0%
100.0%	47.9	47.9	0.0	0.0%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	71.9	69.0	-2.9	-4.0%
1.2%	69.9	68.3	-1.5	-2.2%
2.5%	69.4	67.6	-1.8	-2.6%
3.7%	69.0	67.4	-1.6	-2.4%
4.9%	68.4	67.2	-1.2	-1.7%
6.2%	68.0	67.2	-0.8	-1.2%
7.4%	67.9	67.1	-0.8	-1.2%
8.6%	67.2	66.9	-0.3	-0.5%
9.9%	67.0	66.9	-0.1	-0.1%
11.1%	66.8	66.3	-0.6	-0.9%
12.3%	66.8	66.2	-0.6	-0.9%
13.6%	66.8	66.2	-0.6	-1.0%
14.8%	66.4	65.5	-0.9	-1.4%
16.0%	66.4	65.3	-1.0	-1.6%
17.3%	66.3	65.1	-1.1	-1.7%
18.5%	65.8	65.1	-0.7	-1.0%
19.8%	65.5	64.8	-0.8	-1.2%
21.0%	65.4	64.4	-0.9	-1.4%
22.2%	65.0	64.4	-0.6	-0.9%
23.5%	64.5	64.3	-0.2	-0.3%
24.7%	64.5	64.1	-0.3	-0.5%
25.9%	64.4	64.1	-0.4	-0.5%
27.2%	64.4	64.0	-0.4	-0.6%
28.4%	64.0	64.0	0.0	0.0%
29.6%	63.9	63.9	0.0	0.0%
30.9%	63.9	63.9	0.0	0.0%
32.1%	63.8	63.7	-0.1	-0.1%
33.3%	63.4	63.6	0.2	0.2%
34.6%	63.3	63.1	-0.2	-0.4%
35.8%	63.2	63.1	-0.1	-0.1%
37.0%	63.0	62.9	-0.1	-0.1%
38.3%	62.9	62.8	0.0	0.0%
39.5%	62.8	62.6	-0.2	-0.4%
40.7%	62.6	62.5	-0.1	-0.1%
42.0%	62.6	62.4	-0.1	-0.2%
43.2%	62.5	62.4	-0.1	-0.2%
44.4%	62.3	62.3	0.0	0.0%
45.7%	62.3	62.2	-0.1	-0.2%
46.9%	62.0	62.1	0.0	0.1%
48.1%	61.9	62.1	0.1	0.2%
49.4%	61.6	62.0	0.5	0.7%
50.6%	61.5	62.0	0.5	0.8%
51.9%	61.4	61.5	0.1	0.2%
53.1%	60.8	61.3	0.6	0.9%
54.3%	60.5	60.9	0.3	0.5%
55.6%	60.5	60.8	0.3	0.5%
56.8%	60.2	60.3	0.1	0.2%
58.0%	59.8	60.2	0.4	0.7%
59.3%	59.5	60.0	0.5	0.8%
60.5%	59.1	59.8	0.6	1.1%
61.7%	58.8	59.1	0.3	0.6%
63.0%	58.8	58.8	0.0	0.0%
64.2%	58.7	58.7	0.1	0.2%
65.4%	58.5	58.6	0.1	0.2%
66.7%	58.5	58.5	0.0	0.1%
67.9%	58.4	58.5	0.1	0.1%
69.1%	58.2	58.4	0.2	0.4%
70.4%	58.1	58.2	0.1	0.2%
71.6%	57.8	58.2	0.4	0.7%
72.8%	57.6	57.8	0.2	0.3%
74.1%	57.3	57.4	0.0	0.0%
75.3%	57.3	57.3	0.0	0.0%
76.5%	57.2	57.2	0.0	0.0%
77.8%	57.2	57.2	0.0	0.0%
79.0%	56.8	56.8	0.1	0.1%
80.2%	56.6	56.6	0.0	0.0%
81.5%	56.4	56.4	0.0	0.0%
82.7%	56.3	56.3	0.0	0.0%
84.0%	56.1	56.0	-0.1	-0.2%
85.2%	55.7	55.8	0.0	0.0%
86.4%	55.7	55.6	0.0	0.0%
87.7%	55.4	55.4	0.0	0.0%
88.9%	55.2	55.3	0.0	0.1%
90.1%	54.9	54.8	0.0	0.0%
91.4%	54.6	54.6	0.0	0.0%
92.6%	54.1	54.1	0.0	0.0%
93.8%	53.6	53.6	0.0	-0.1%
95.1%	53.5	53.5	0.0	0.0%
96.3%	53.2	53.0	-0.1	-0.2%
97.5%	51.9	51.8	-0.1	-0.1%
98.8%	51.5	51.5	0.0	0.1%
100.0%	51.5	51.5	0.0	0.1%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	81.7	75.4	-6.3	-7.7%
1.2%	77.7	75.4	-2.3	-2.9%
2.5%	75.5	74.4	-1.0	-1.4%
3.7%	75.4	74.0	-1.4	-1.9%
4.9%	75.4	73.7	-1.7	-2.3%
6.2%	74.3	73.6	-0.7	-0.9%
7.4%	73.8	73.3	-0.5	-0.7%
8.6%	73.7	73.2	-0.5	-0.7%
9.9%	73.4	73.2	-0.2	-0.3%
11.1%	73.3	72.9	-0.4	-0.6%
12.3%	73.2	72.9	-0.3	-0.4%
13.6%	73.1	72.6	-0.5	-0.7%
14.8%	73.1	72.5	-0.5	-0.7%
16.0%	72.9	72.5	-0.4	-0.6%
17.3%	72.8	72.2	-0.6	-0.9%
18.5%	72.8	72.1	-0.7	-0.9%
19.8%	72.3	71.9	-0.4	-0.5%
21.0%	72.0	71.7	-0.3	-0.4%
22.2%	71.9	71.4	-0.5	-0.7%
23.5%	71.6	71.2	-0.4	-0.6%
24.7%	71.5	71.2	-0.4	-0.5%
25.9%	71.5	70.9	-0.6	-0.8%
27.2%	71.4	70.8	-0.6	-0.9%
28.4%	71.0	70.7	-0.3	-0.4%
29.6%	70.9	70.6	-0.3	-0.5%
30.9%	70.9	70.6	-0.3	-0.4%
32.1%	70.8	70.5	-0.3	-0.4%
33.3%	70.8	70.5	-0.3	-0.4%
34.6%	70.8	70.5	-0.3	-0.4%
35.8%	70.7	70.4	-0.3	-0.4%
37.0%	70.6	70.4	-0.2	-0.3%
38.3%	70.5	70.2	-0.3	-0.4%
39.5%	70.4	70.1	-0.3	-0.4%
40.7%	70.4	69.7	-0.7	-0.9%
42.0%	70.2	69.7	-0.5	-0.8%
43.2%	70.0	69.5	-0.5	-0.7%
44.4%	70.0	69.5	-0.5	-0.7%
45.7%	70.0	69.2	-0.8	-1.1%
46.9%	69.9	69.1	-0.8	-1.1%
48.1%	69.8	69.1	-0.7	-1.1%
49.4%	69.7	69.1	-0.7	-0.9%
50.6%	69.7	68.9	-0.8	-1.1%
51.9%	69.7	68.9	-0.8	-1.1%
53.1%	69.6	68.8	-0.8	-1.1%
54.3%	69.4	68.7	-0.7	-1.0%
55.6%	69.3	68.6	-0.7	-1.0%
56.8%	69.0	68.5	-0.4	-0.6%
58.0%	68.9	68.5	-0.5	-0.7%
59.3%	68.8	68.5	-0.4	-0.5%
60.5%	68.6	68.4	-0.3	-0.4%
61.7%	68.6	68.2	-0.4	-0.5%
63.0%	68.4	68.0	-0.3	-0.5%
64.2%	68.3	67.9	-0.3	-0.5%
65.4%	68.1	67.9	-0.2	-0.3%
66.7%	68.0	67.7	-0.3	-0.4%
67.9%	67.9	67.7	-0.2	-0.4%
69.1%	67.7	67.7	0.0	0.0%
70.4%	67.7	67.5	-0.2	-0.3%
71.6%	67.6	67.2	-0.4	-0.5%
72.8%	67.2	67.2	0.0	0.0%
74.1%	67.2	67.0	-0.1	-0.2%
75.3%	67.0	67.0	0.0	-0.1%
76.5%	67.0	66.9	-0.1	-0.1%
77.8%	66.9	66.8	-0.1	-0.1%
79.0%	66.9	66.8	-0.1	-0.1%
80.2%	66.8	66.7	-0.2	-0.3%
81.5%	66.7	66.5	-0.2	-0.3%
82.7%	66.5	66.4	-0.1	-0.1%
84.0%	66.4	66.4	0.0	0.0%
85.2%	66.3	66.3	0.0	0.0%
86.4%	66.1	66.3	0.2	0.3%
87.7%	65.6	66.1	0.5	0.8%
88.9%	65.3	65.8	0.5	0.7%
90.1%	64.9	65.2	0.3	0.4%
91.4%	64.8	65.1	0.3	0.4%
92.6%	64.7	64.7	0.0	0.0%
93.8%	64.4	64.4	0.0	0.0%
95.1%	64.3	64.3	0.0	0.0%
96.3%	61.7	61.7	0.0	0.0%
97.5%	61.0	61.0	0.0	0.0%
98.8%	60.2	60.2	0.0	0.0%
100.0%	60.2	60.2	0.0	0.0%

Table SQ11-1b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	83.9	83.4	-0.5	-0.6%
1.2%	82.8	82.8	-0.1	-0.1%
2.5%	81.6	81.2	-0.5	-0.6%
3.7%	81.5	79.6	-1.9	-2.3%
4.9%	80.6	79.1	-1.5	-1.9%
6.2%	80.2	78.9	-1.3	-1.6%
7.4%	79.9	78.6	-1.3	-1.6%
8.6%	79.1	78.3	-0.8	-1.0%
9.9%	79.1	77.4	-1.7	-2.1%
11.1%	79.0	77.3	-1.7	-2.2%
12.3%	79.0	76.6	-2.4	-3.1%
13.6%	78.5	76.5	-2.0	-2.5%
14.8%	78.1	76.4	-1.7	-2.2%
16.0%	77.9	76.3	-1.6	-2.0%
17.3%	77.7	76.2	-1.5	-1.9%
18.5%	77.5	76.1	-1.4	-1.8%
19.8%	77.4	76.1	-1.4	-1.8%
21.0%	77.4	76.1	-1.3	-1.7%
22.2%	77.3	75.6	-1.7	-2.2%
23.5%	77.1	75.6	-1.6	-2.0%
24.7%	77.0	75.6	-1.5	-1.9%
25.9%	77.0	75.5	-1.5	-2.0%
27.2%	76.8	75.4	-1.4	-1.8%
28.4%	76.8	75.4	-1.4	-1.8%
29.6%	76.6	75.3	-1.3	-1.7%
30.9%	76.6	75.3	-1.3	-1.7%
32.1%	76.5	75.2	-1.3	-1.7%
33.3%	76.4	75.1	-1.3	-1.7%
34.6%	76.4	74.9	-1.5	-1.9%
35.8%	76.3	74.9	-1.5	-1.9%
37.0%	76.3	74.8	-1.4	-1.9%
38.3%	76.2	74.7	-1.4	-1.9%
39.5%	76.1	74.7	-1.5	-1.9%
40.7%	75.7	74.4	-1.3	-1.7%
42.0%	75.7	74.4	-1.3	-1.7%
43.2%	75.4	74.4	-1.0	-1.3%
44.4%	75.3	74.3	-1.0	-1.4%
45.7%	75.3	74.3	-1.0	-1.3%
46.9%	74.9	74.2	-0.7	-0.9%
48.1%	74.8	74.1	-0.7	-0.9%
49.4%	74.7	74.0	-0.7	-1.0%
50.6%	74.6	73.8	-0.9	-1.2%
51.9%	74.5	73.8	-0.8	-1.0%
53.1%	74.4	73.8	-0.7	-0.9%
54.3%	74.3	73.7	-0.7	-0.9%
55.6%	74.2	73.6	-0.5	-0.7%
56.8%	74.1	73.6	-0.5	-0.7%
58.0%	74.0	73.5	-0.5	-0.7%
59.3%	73.7	73.4	-0.3	-0.4%
60.5%	73.7	73.3	-0.4	-0.6%
61.7%	73.6	73.2	-0.3	-0.4%
63.0%	73.3	73.1	-0.2	-0.3%
64.2%	72.9	73.0	0.1	0.2%
65.4%	72.9	73.0	0.1	0.2%
66.7%	72.8	72.8	0.0	0.0%
67.9%	72.7	72.8	0.1	0.1%
69.1%	72.7	72.8	0.1	0.1%
70.4%	72.6	72.8	0.1	0.1%
71.6%	72.5	72.7	0.2	0.3%
72.8%	72.5	72.6	0.1	0.2%
74.1%	72.3	72.6	0.2	0.3%
75.3%	71.8	72.5	0.8	1.1%
76.5%	71.7	72.5	0.8	1.1%
77.8%	71.5	72.3	0.8	1.0%
79.0%	71.5	72.3	0.8	1.1%
80.2%	71.3	71.9	0.6	0.9%
81.5%	71.3	71.5	0.3	0.4%
82.7%	71.1	71.5	0.5	0.7%
84.0%	71.0	71.2	0.2	0.3%
85.2%	70.9	71.0	0.1	0.1%
86.4%	70.5	71.0	0.6	0.8%
87.7%	70.4	70.5	0.0	0.1%
88.9%	70.4	70.4	0.0	0.0%
90.1%	70.3	69.7	-0.6	-0.8%
91.4%	70.2	69.4	-0.8	-1.1%
92.6%	70.1	69.4	-0.7	-0.9%
93.8%	69.7	69.4	-0.3	-0.5%
95.1%	69.4	69.3	-0.1	-0.2%
96.3%	69.4	68.9	-0.4	-0.6%
97.5%	68.2	68.7	0.5	0.7%
98.8%	68.1	67.7	-0.5	-0.7%
100.0%	68.1	67.7	-0.5	-0.7%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	88.0	86.3	-1.7	-1.9%
1.2%	86.7	84.3	-2.4	-2.8%
2.5%	85.6	83.4	-2.2	-2.6%
3.7%	85.1	83.4	-1.7	-2.0%
4.9%	83.9	82.4	-1.5	-1.8%
6.2%	82.3	82.3	0.0	0.1%
7.4%	82.1	82.1	0.1	0.1%
8.6%	81.3	80.5	-0.9	-1.1%
9.9%	80.3	79.8	-0.5	-0.6%
11.1%	80.1	78.0	-2.1	-2.6%
12.3%	80.0	77.9	-2.1	-2.6%
13.6%	78.0	77.6	-0.4	-0.6%
14.8%	77.9	77.5	-0.4	-0.5%
16.0%	77.7	77.2	-0.5	-0.7%
17.3%	77.6	77.0	-0.6	-0.8%
18.5%	77.0	76.5	-0.5	-0.6%
19.8%	76.9	76.2	-0.7	-0.9%
21.0%	76.8	76.1	-0.7	-1.0%
22.2%	76.7	75.7	-1.0	-1.3%
23.5%	76.6	75.7	-0.9	-1.2%
24.7%	76.5	75.7	-0.8	-1.0%
25.9%	76.5	75.7	-0.8	-1.1%
27.2%	76.2	75.6	-0.6	-0.8%
28.4%	76.1	75.6	-0.6	-0.7%
29.6%	76.0	75.5	-0.5	-0.6%
30.9%	75.8	75.4	-0.3	-0.5%
32.1%	75.3	75.3	0.0	0.0%
33.3%	75.3	75.3	0.0	0.1%
34.6%	75.2	75.3	0.0	0.1%
35.8%	75.2	75.3	0.0	0.1%
37.0%	75.2	75.3	0.0	0.0%
38.3%	75.1	75.1	0.0	0.0%
39.5%	75.1	75.0	-0.1	-0.1%
40.7%	74.8	74.9	0.1	0.2%
42.0%	74.7	74.8	0.1	0.2%
43.2%	74.7	74.8	0.1	0.2%
44.4%	74.6	74.7	0.1	0.1%
45.7%	74.4	74.4	0.0	0.0%
46.9%	74.3	74.4	0.1	0.1%
48.1%	74.1	74.1	0.0	0.0%
49.4%	73.9	74.0	0.1	0.2%
50.6%	73.7	74.0	0.3	0.4%
51.9%	73.7	73.9	0.3	0.3%
53.1%	73.5	73.9	0.4	0.5%
54.3%	73.4	73.8	0.4	0.6%
55.6%	73.4	73.8	0.4	0.6%
56.8%	73.3	73.6	0.3	0.4%
58.0%	73.2	73.5	0.3	0.4%
59.3%	72.9	73.5	0.6	0.8%
60.5%	72.9	73.1	0.2	0.3%
61.7%	72.8	72.8	0.0	0.0%
63.0%	72.4	72.8	0.4	0.5%
64.2%	72.4	72.8	0.4	0.5%
65.4%	72.4	72.6	0.2	0.3%
66.7%	72.4	72.6	0.2	0.3%
67.9%	72.3	72.5	0.2	0.3%
69.1%	72.1	72.4	0.2	0.3%
70.4%	72.1	72.3	0.1	0.2%
71.6%	72.1	72.2	0.1	0.1%
72.8%	72.0	72.1	0.0	0.1%
74.1%	71.8	72.1	0.2	0.3%
75.3%	71.8	72.0	0.2	0.3%
76.5%	71.6	71.8	0.2	0.3%
77.8%	71.5	71.7	0.2	0.2%
79.0%	71.4	71.3	-0.1	-0.1%
80.2%	71.4	71.3	-0.1	-0.1%
81.5%	71.4	71.3	-0.1	-0.1%
82.7%	71.3	71.2	-0.2	-0.2%
84.0%	71.3	71.0	-0.3	-0.4%
85.2%	71.2	71.0	-0.2	-0.3%
86.4%	71.2	70.9	-0.3	-0.4%
87.7%	71.2	70.9	-0.3	-0.4%
88.9%	71.0	70.6	-0.4	-0.6%
90.1%	71.0	70.5	-0.4	-0.6%
91.4%	70.9	70.5	-0.4	-0.6%
92.6%	70.9	70.3	-0.5	-0.8%
93.8%	70.8	70.3	-0.6	-0.8%
95.1%	70.8	70.1	-0.6	-0.9%
96.3%	70.8	70.1	-0.7	-1.0%
97.5%	70.6	69.7	-0.8	-1.2%
98.8%	70.5	69.6	-0.8	-1.2%
100.0%	70.5	69.6	-0.8	-1.2%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	87.0	83.9	-3.0	-3.5%
1.2%	84.4	83.8	-0.6	-0.7%
2.5%	84.3	83.3	-1.0	-1.2%
3.7%	83.2	82.2	-1.0	-1.2%
4.9%	82.9	81.2	-1.8	-2.2%
6.2%	81.9	80.9	-1.0	-1.2%
7.4%	81.7	80.6	-1.1	-1.3%
8.6%	81.3	79.9	-1.4	-1.7%
9.9%	81.1	79.7	-1.4	-1.8%
11.1%	80.6	79.6	-1.0	-1.3%
12.3%	80.5	79.5	-0.9	-1.2%
13.6%	79.6	79.3	-0.3	-0.4%
14.8%	79.4	79.2	-0.3	-0.3%
16.0%	79.4	79.1	-0.3	-0.4%
17.3%	79.4	79.0	-0.4	-0.5%
18.5%	79.2	78.9	-0.3	-0.4%
19.8%	79.1	78.8	-0.3	-0.4%
21.0%	79.1	78.3	-0.8	-1.0%
22.2%	79.1	78.2	-0.8	-1.1%
23.5%	79.1	77.7	-1.3	-1.7%
24.7%	79.0	77.3	-1.7	-2.1%
25.9%	79.0	77.3	-1.7	-2.2%
27.2%	78.8	77.2	-1.6	-2.0%
28.4%	78.6	76.7	-1.9	-2.4%
29.6%	78.4	76.7	-1.8	-2.2%
30.9%	78.3	76.6	-1.6	-2.1%
32.1%	78.2	76.6	-1.6	-2.0%
33.3%	78.0	76.5	-1.5	-1.9%
34.6%	77.9	76.3	-1.6	-2.0%
35.8%	77.9	76.3	-1.6	-2.0%
37.0%	77.8	76.2	-1.6	-2.0%
38.3%	77.8	75.8	-2.0	-2.5%
39.5%	77.8	75.8	-2.0	-2.6%
40.7%	77.7	75.6	-2.1	-2.7%
42.0%	77.6	75.5	-2.1	-2.7%
43.2%	77.5	75.5	-2.1	-2.6%
44.4%	77.4	75.4	-1.9	-2.5%
45.7%	77.3	75.4	-1.9	-2.5%
46.9%	77.3	75.3	-2.0	-2.5%
48.1%	77.2	75.3	-1.9	-2.5%
49.4%	77.0	75.2	-1.7	-2.3%
50.6%	76.4	75.2	-1.3	-1.6%
51.9%	76.3	75.1	-1.2	-1.6%
53.1%	76.2	75.0	-1.2	-1.6%
54.3%	76.1	75.0	-1.1	-1.4%
55.6%	75.9	74.9	-1.0	-1.4%
56.8%	75.9	74.8	-1.1	-1.4%
58.0%	75.8	74.8	-1.0	-1.4%
59.3%	75.6	74.7	-0.9	-1.2%
60.5%	75.4	74.7	-0.7	-0.9%
61.7%	75.3	74.6	-0.6	-0.8%
63.0%	75.1	74.5	-0.6	-0.8%
64.2%	75.1	74.5	-0.5	-0.7%
65.4%	74.8	74.5	-0.3	-0.4%
66.7%	74.8	74.4	-0.4	-0.5%
67.9%	74.7	74.4	-0.4	-0.5%
69.1%	74.5	74.2	-0.3	-0.4%
70.4%	74.2	74.1	-0.2	-0.2%
71.6%	74.2	74.0	-0.2	-0.3%
72.8%	74.2	74.0	-0.2	-0.3%
74.1%	74.2	74.0	-0.2	-0.3%
75.3%	74.1	73.7	-0.4	-0.5%
76.5%	74.0	73.7	-0.3	-0.5%
77.8%	73.8	73.7	-0.1	-0.2%
79.0%	73.5	73.7	0.1	0.2%
80.2%	73.5	73.6	0.1	0.2%
81.5%	73.2	73.6	0.4	0.5%
82.7%	73.1	73.4	0.3	0.5%
84.0%	72.9	73.3	0.3	0.4%
85.2%	72.8	73.2	0.4	0.6%
86.4%	72.8	73.2	0.4	0.5%
87.7%	72.8	73.1	0.3	0.5%
88.9%	72.6	73.1	0.5	0.6%
90.1%	72.5	73.0	0.5	0.7%
91.4%	72.5	73.0	0.5	0.6%
92.6%	72.2	72.9	0.8	1.1%
93.8%	72.0	72.9	0.9	1.3%
95.1%	71.9	72.8	0.9	1.2%
96.3%	71.2	72.5	1.3	1.8%
97.5%	70.7	72.1	1.4	2.0%
98.8%	70.2	71.7	1.6	2.2%
100.0%	70.2	71.7	1.6	2.2%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	81.9	81.8	-0.1	-0.1%
1.2%	80.3	79.2	-1.1	-1.4%
2.5%	80.2	78.9	-1.3	-1.6%
3.7%	80.0	78.3	-1.6	-2.0%
4.9%	79.9	77.4	-2.5	-3.2%
6.2%	79.9	77.4	-2.6	-3.2%
7.4%	79.1	77.3	-1.8	-2.3%
8.6%	79.1	77.2	-1.9	-2.4%
9.9%	78.9	77.1	-1.8	-2.2%
11.1%	77.6	77.1	-0.5	-0.6%
12.3%	77.4	77.0	-0.4	-0.5%
13.6%	77.0	76.7	-0.3	-0.4%
14.8%	77.0	76.5	-0.4	-0.6%
16.0%	76.9	76.3	-0.6	-0.8%
17.3%	76.8	76.2	-0.6	-0.8%
18.5%	76.8	76.0	-0.8	-1.0%
19.8%	76.7	75.7	-1.0	-1.3%
21.0%	76.6	75.4	-1.3	-1.6%
22.2%	76.4	75.1	-1.3	-1.7%
23.5%	76.4	75.1	-1.3	-1.7%
24.7%	76.2	75.0	-1.2	-1.6%
25.9%	75.9	74.8	-1.1	-1.4%
27.2%	75.9	74.8	-1.1	-1.4%
28.4%	75.4	74.7	-0.7	-0.9%
29.6%	75.4	74.6	-0.8	-1.1%
30.9%	75.3	74.5	-0.8	-1.0%
32.1%	75.2	74.4	-0.8	-1.1%
33.3%	75.2	74.2	-0.9	-1.2%
34.6%	75.2	74.2	-1.0	-1.3%
35.8%	75.1	74.1	-0.9	-1.2%
37.0%	75.0	74.1	-0.8	-1.1%
38.3%	74.9	74.1	-0.7	-1.0%
39.5%	74.8	74.1	-0.7	-1.0%
40.7%	74.6	73.8	-0.8	-1.0%
42.0%	74.4	73.8	-0.6	-0.7%
43.2%	74.2	73.8	-0.4	-0.5%
44.4%	74.2	73.8	-0.4	-0.6%
45.7%	74.1	73.7	-0.5	-0.6%
46.9%	74.1	73.6	-0.5	-0.7%
48.1%	74.0	73.5	-0.5	-0.7%
49.4%	73.9	73.5	-0.5	-0.6%
50.6%	73.9	73.3	-0.7	-0.9%
51.9%	73.9	73.1	-0.8	-1.1%
53.1%	73.7	72.9	-0.8	-1.1%
54.3%	73.7	72.9	-0.8	-1.0%
55.6%	73.6	72.9	-0.8	-1.0%
56.8%	73.6	72.9	-0.8	-1.0%
58.0%	73.4	72.8	-0.7	-0.9%
59.3%	73.3	72.6	-0.7	-0.9%
60.5%	73.2	72.6	-0.5	-0.7%
61.7%	73.1	72.6	-0.5	-0.7%
63.0%	73.0	72.6	-0.4	-0.5%
64.2%	72.9	72.6	-0.3	-0.4%
65.4%	72.8	72.6	-0.2	-0.3%
66.7%	72.8	72.4	-0.3	-0.4%
67.9%	72.7	72.4	-0.3	-0.4%
69.1%	72.7	72.4	-0.3	-0.4%
70.4%	72.6	72.3	-0.4	-0.5%
71.6%	72.5	72.2	-0.2	-0.3%
72.8%	72.5	72.2	-0.2	-0.3%
74.1%	72.4	72.2	-0.2	-0.3%
75.3%	72.4	72.0	-0.3	-0.4%
76.5%	72.3	72.0	-0.3	-0.4%
77.8%	72.3	72.0	-0.3	-0.4%
79.0%	72.2	71.9	-0.3	-0.4%
80.2%	72.1	71.9	-0.3	-0.4%
81.5%	72.0	71.7	-0.3	-0.4%
82.7%	72.0	71.6	-0.4	-0.6%
84.0%	71.8	71.3	-0.5	-0.7%
85.2%	71.7	71.1	-0.6	-0.8%
86.4%	71.6	71.0	-0.5	-0.7%
87.7%	71.3	70.8	-0.5	-0.7%
88.9%	70.9	70.8	-0.1	-0.1%
90.1%	70.9	70.8	-0.1	-0.2%
91.4%	70.9	70.6	-0.3	-0.4%
92.6%	70.5	70.5	0.0	0.0%
93.8%	70.5	70.1	-0.4	-0.6%
95.1%	70.3	69.9	-0.4	-0.6%
96.3%	70.0	69.3	-0.7	-1.0%
97.5%	69.4	69.0	-0.4	-0.6%
98.8%	68.9	68.9	0.0	0.0%
100.0%	68.9	68.9	0.0	0.0%

Table SQ11-1b

American River at the Mouth, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	83.2	83.8	0.6	0.7%
1.2%	82.1	80.4	-1.6	-2.0%
2.5%	81.7	80.4	-1.3	-1.6%
3.7%	81.3	80.3	-1.0	-1.3%
4.9%	80.9	80.2	-0.7	-0.9%
6.2%	80.7	80.0	-0.7	-0.9%
7.4%	80.6	79.8	-0.8	-1.0%
8.6%	78.6	78.9	0.3	0.3%
9.9%	78.5	78.3	-0.2	-0.2%
11.1%	78.4	78.1	-0.3	-0.4%
12.3%	78.1	77.6	-0.5	-0.7%
13.6%	78.0	77.5	-0.5	-0.7%
14.8%	78.0	77.4	-0.6	-0.8%
16.0%	77.9	77.3	-0.6	-0.8%
17.3%	77.5	77.1	-0.4	-0.5%
18.5%	77.1	75.9	-1.2	-1.5%
19.8%	76.9	75.8	-1.1	-1.4%
21.0%	76.8	75.8	-1.1	-1.4%
22.2%	76.7	75.7	-1.0	-1.3%
23.5%	76.7	75.6	-1.1	-1.4%
24.7%	76.3	75.6	-0.7	-1.0%
25.9%	76.2	75.5	-0.7	-0.9%
27.2%	76.0	75.5	-0.5	-0.7%
28.4%	75.9	75.5	-0.5	-0.6%
29.6%	75.7	75.2	-0.5	-0.6%
30.9%	75.7	75.0	-0.6	-0.9%
32.1%	75.6	74.8	-0.8	-1.1%
33.3%	75.4	74.6	-0.8	-1.0%
34.6%	75.3	74.5	-0.8	-1.1%
35.8%	75.3	74.2	-1.0	-1.4%
37.0%	75.3	74.1	-1.1	-1.5%
38.3%	75.2	74.1	-1.1	-1.5%
39.5%	75.2	74.0	-1.2	-1.6%
40.7%	75.0	73.9	-1.1	-1.5%
42.0%	75.0	73.9	-1.0	-1.4%
43.2%	74.9	73.9	-1.0	-1.3%
44.4%	74.9	73.9	-1.0	-1.3%
45.7%	74.8	73.9	-0.9	-1.2%
46.9%	74.7	73.8	-0.9	-1.2%
48.1%	74.6	73.8	-0.9	-1.1%
49.4%	74.6	73.7	-0.8	-1.1%
50.6%	74.5	73.7	-0.9	-1.2%
51.9%	74.4	73.6	-0.8	-1.1%
53.1%	74.2	73.5	-0.7	-0.9%
54.3%	74.1	73.4	-0.7	-0.9%
55.6%	74.0	73.4	-0.6	-0.9%
56.8%	74.0	73.4	-0.6	-0.9%
58.0%	74.0	73.3	-0.6	-0.8%
59.3%	73.9	73.3	-0.6	-0.8%
60.5%	73.9	73.3	-0.6	-0.8%
61.7%	73.9	73.3	-0.6	-0.8%
63.0%	73.8	73.2	-0.7	-0.9%
64.2%	73.7	73.2	-0.6	-0.8%
65.4%	73.7	73.2	-0.6	-0.8%
66.7%	73.6	73.1	-0.5	-0.7%
67.9%	73.6	73.1	-0.4	-0.6%
69.1%	73.5	73.0	-0.5	-0.7%
70.4%	73.5	73.0	-0.4	-0.6%
71.6%	73.3	73.0	-0.3	-0.4%
72.8%	73.3	72.9	-0.3	-0.5%
74.1%	73.2	72.9	-0.3	-0.4%
75.3%	73.2	72.8	-0.3	-0.5%
76.5%	73.1	72.8	-0.3	-0.5%
77.8%	73.1	72.8	-0.3	-0.4%
79.0%	73.0	72.7	-0.3	-0.4%
80.2%	73.0	72.7	-0.3	-0.4%
81.5%	73.0	72.6	-0.3	-0.5%
82.7%	73.0	72.6	-0.3	-0.5%
84.0%	72.9	72.6	-0.2	-0.3%
85.2%	72.8	72.5	-0.3	-0.4%
86.4%	72.7	72.4	-0.3	-0.4%
87.7%	72.6	72.4	-0.2	-0.3%
88.9%	72.6	72.3	-0.3	-0.4%
90.1%	72.5	72.3	-0.2	-0.2%
91.4%	72.5	72.3	-0.2	-0.3%
92.6%	72.3	72.2	-0.1	-0.1%
93.8%	72.2	72.2	0.0	0.0%
95.1%	72.2	72.0	-0.2	-0.3%
96.3%	72.2	71.6	-0.5	-0.7%
97.5%	72.0	71.6	-0.4	-0.5%
98.8%	71.8	71.2	-0.5	-0.7%
100.0%	70.8	70.5	-0.3	-0.4%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	84.2	84.0	-0.3	-0.3%
1.2%	83.5	81.0	-2.5	-3.0%
2.5%	81.8	80.8	-0.9	-1.1%
3.7%	81.6	80.2	-1.4	-1.7%
4.9%	81.1	80.1	-1.0	-1.2%
6.2%	80.4	80.0	-0.5	-0.6%
7.4%	80.0	79.9	-0.1	-0.1%
8.6%	79.3	79.5	0.3	0.3%
9.9%	79.3	79.4	0.1	0.2%
11.1%	79.1	78.7	-0.4	-0.5%
12.3%	79.1	78.1	-1.0	-1.2%
13.6%	79.0	78.0	-1.0	-1.2%
14.8%	78.1	77.9	-0.1	-0.2%
16.0%	77.8	77.9	0.1	0.1%
17.3%	77.6	77.5	-0.1	-0.1%
18.5%	77.5	77.4	-0.1	-0.1%
19.8%	77.1	76.7	-0.4	-0.6%
21.0%	77.1	76.7	-0.4	-0.5%
22.2%	76.8	76.6	-0.2	-0.3%
23.5%	76.7	75.9	-0.8	-1.1%
24.7%	76.7	75.6	-1.1	-1.4%
25.9%	76.6	75.6	-1.0	-1.3%
27.2%	76.5	75.4	-1.1	-1.4%
28.4%	76.4	75.4	-1.0	-1.3%
29.6%	76.1	75.4	-0.7	-0.9%
30.9%	75.7	75.2	-0.5	-0.7%
32.1%	75.7	75.2	-0.5	-0.6%
33.3%	75.6	75.2	-0.5	-0.6%
34.6%	75.6	74.9	-0.7	-0.9%
35.8%	75.5	74.9	-0.6	-0.8%
37.0%	75.5	74.6	-0.9	-1.2%
38.3%	75.4	74.6	-0.9	-1.1%
39.5%	75.4	74.4	-1.0	-1.3%
40.7%	75.2	74.3	-0.9	-1.1%
42.0%	75.1	74.2	-0.9	-1.2%
43.2%	75.1	74.0	-1.1	-1.4%
44.4%	74.9	74.0	-1.0	-1.3%
45.7%	74.9	73.9	-1.0	-1.3%
46.9%	74.4	73.8	-0.6	-0.8%
48.1%	74.4	73.8	-0.6	-0.8%
49.4%	74.3	73.8	-0.5	-0.7%
50.6%	74.3	73.7	-0.5	-0.7%
51.9%	74.2	73.7	-0.5	-0.7%
53.1%	74.2	73.7	-0.5	-0.7%
54.3%	74.2	73.6	-0.6	-0.8%
55.6%	74.2	73.6	-0.6	-0.8%
56.8%	74.1	73.5	-0.7	-0.9%
58.0%	74.1	73.4	-0.7	-0.9%
59.3%	74.1	73.4	-0.7	-0.9%
60.5%	73.9	73.4	-0.5	-0.7%
61.7%	73.8	73.4	-0.4	-0.5%
63.0%	73.7	73.3	-0.4	-0.5%
64.2%	73.7	73.2	-0.5	-0.7%
65.4%	73.7	73.1	-0.6	-0.8%
66.7%	73.5	73.1	-0.4	-0.6%
67.9%	73.5	73.1	-0.5	-0.6%
69.1%	73.5	73.1	-0.5	-0.6%
70.4%	73.5	73.0	-0.5	-0.6%
71.6%	73.5	72.9	-0.6	-0.8%
72.8%	73.5	72.9	-0.6	-0.8%
74.1%	73.4	72.7	-0.7	-0.9%
75.3%	73.3	72.7	-0.6	-0.8%
76.5%	73.2	72.7	-0.5	-0.7%
77.8%	73.2	72.6	-0.5	-0.8%
79.0%	73.1	72.6	-0.4	-0.6%
80.2%	73.0	72.6	-0.4	-0.6%
81.5%	72.9	72.6	-0.3	-0.4%
82.7%	72.9	72.6	-0.3	-0.4%
84.0%	72.8	72.5	-0.3	-0.4%
85.2%	72.7	72.5	-0.2	-0.3%
86.4%	72.7	72.5	-0.2	-0.3%
87.7%	72.6	72.3	-0.3	-0.5%
88.9%	72.6	72.3	-0.3	-0.5%
90.1%	72.5	72.2	-0.3	-0.4%
91.4%	72.4	72.2	-0.2	-0.3%
92.6%	72.4	72.0	-0.4	-0.5%
93.8%	72.3	71.8	-0.5	-0.6%
95.1%	72.3	71.7	-0.6	-0.8%
96.3%	72.2	71.7	-0.5	-0.7%
97.5%	72.0	71.5	-0.6	-0.8%
98.8%	71.5	70.9	-0.6	-0.9%
100.0%	71.0	70.6	-0.4	-0.6%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	83.5	82.8	-0.6	-0.8%
1.2%	82.4	81.6	-0.8	-1.0%
2.5%	82.4	80.8	-1.6	-1.9%
3.7%	82.1	80.0	-2.1	-2.5%
4.9%	81.1	79.7	-1.3	-1.7%
6.2%	80.1	79.0	-1.1	-1.4%
7.4%	80.1	78.9	-1.2	-1.5%
8.6%	79.6	78.3	-1.4	-1.7%
9.9%	79.0	78.3	-0.7	-0.9%
11.1%	79.0	78.2	-0.8	-1.0%
12.3%	78.8	78.1	-0.8	-1.0%
13.6%	78.7	77.9	-0.8	-1.1%
14.8%	78.7	77.8	-0.9	-1.1%
16.0%	78.4	77.5	-0.9	-1.1%
17.3%	78.0	77.4	-0.7	-0.9%
18.5%	77.9	77.2	-0.7	-0.9%
19.8%	77.7	77.1	-0.6	-0.7%
21.0%	77.2	77.1	-0.1	-0.1%
22.2%	77.2	76.8	-0.4	-0.5%
23.5%	77.1	76.2	-0.9	-1.1%
24.7%	77.0	75.7	-1.3	-1.7%
25.9%	77.0	75.7	-1.3	-1.7%
27.2%	76.9	75.5	-1.4	-1.8%
28.4%	76.8	75.5	-1.3	-1.7%
29.6%	76.5	75.3	-1.2	-1.6%
30.9%	76.5	75.3	-1.2	-1.6%
32.1%	76.3	75.2	-1.1	-1.5%
33.3%	76.3	75.2	-1.1	-1.5%
34.6%	76.1	75.0	-1.1	-1.4%
35.8%	76.1	75.0	-1.1	-1.4%
37.0%	76.1	74.9	-1.1	-1.5%
38.3%	75.8	74.8	-1.0	-1.3%
39.5%	75.7	74.7	-1.0	-1.3%
40.7%	75.7	74.7	-1.0	-1.3%
42.0%	75.6	74.7	-0.9	-1.2%
43.2%	75.5	74.5	-1.0	-1.3%
44.4%	75.5	74.4	-1.1	-1.4%
45.7%	75.5	74.4	-1.1	-1.4%
46.9%	75.3	74.4	-1.0	-1.3%
48.1%	75.1	74.3	-0.8	-1.1%
49.4%	75.1	74.3	-0.8	-1.1%
50.6%	75.0	74.2	-0.9	-1.2%
51.9%	75.0	74.1	-0.9	-1.1%
53.1%	75.0	74.1	-0.9	-1.2%
54.3%	74.9	74.0	-0.9	-1.2%
55.6%	74.9	74.0	-0.9	-1.2%
56.8%	74.8	74.0	-0.8	-1.1%
58.0%	74.5	73.8	-0.7	-1.0%
59.3%	74.5	73.8	-0.7	-1.0%
60.5%	74.5	73.8	-0.7	-0.9%
61.7%	74.2	73.7	-0.5	-0.6%
63.0%	74.1	73.7	-0.4	-0.5%
64.2%	73.7	73.6	-0.1	-0.1%
65.4%	73.7	73.5	-0.2	-0.2%
66.7%	73.6	73.3	-0.3	-0.4%
67.9%	73.6	73.3	-0.3	-0.4%
69.1%	73.5	73.1	-0.4	-0.5%
70.4%	73.4	73.0	-0.4	-0.5%
71.6%	73.3	73.0	-0.4	-0.5%
72.8%	73.3	72.9	-0.4	-0.6%
74.1%	73.2	72.9	-0.3	-0.4%
75.3%	73.1	72.8	-0.3	-0.4%
76.5%	73.1	72.7	-0.4	-0.5%
77.8%	73.0	72.7	-0.3	-0.5%
79.0%	73.0	72.7	-0.3	-0.4%
80.2%	72.9	72.7	-0.3	-0.4%
81.5%	72.9	72.6	-0.3	-0.4%
82.7%	72.9	72.6	-0.3	-0.4%
84.0%	72.8	72.5	-0.3	-0.5%
85.2%	72.8	72.5	-0.4	-0.5%
86.4%	72.7	72.3	-0.4	-0.5%
87.7%	72.6	72.3	-0.3	-0.5%
88.9%	72.6	72.3	-0.3	-0.5%
90.1%	72.6	72.3	-0.3	-0.5%
91.4%	72.4	72.2	-0.3	-0.4%
92.6%	72.4	72.2	-0.3	-0.3%
93.8%	72.0	72.1	0.1	0.2%
95.1%	71.9	71.9	0.0	-0.1%
96.3%	71.6	71.3	-0.3	-0.4%
97.5%	71.5	71.3	-0.3	-0.4%
98.8%	71.0	71.1	0.0	0.0%
100.0%	70.8	70.9	0.1	0.1%

Figure SQ12-1b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

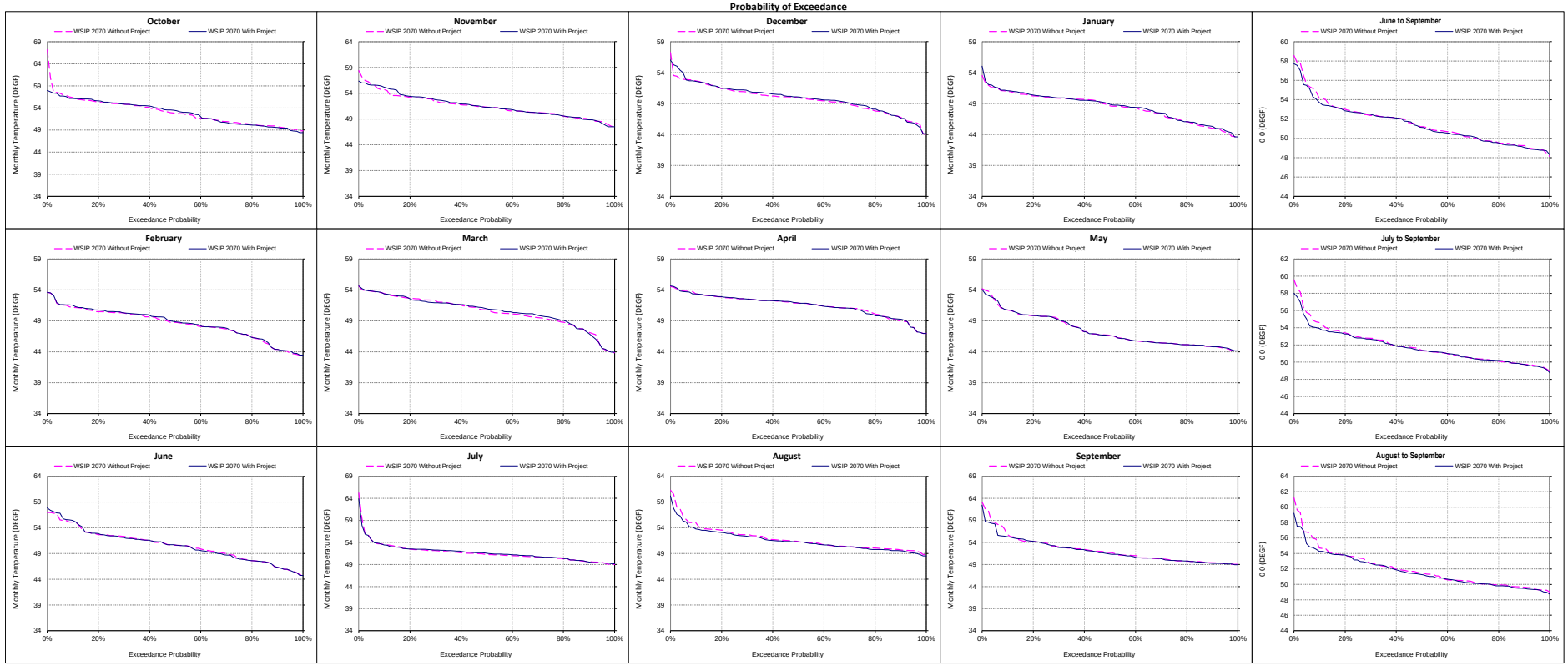


Table SQ12-1b

Trinity River below Lewiston Dam, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.2	58.0	-9.2	-13.7%
1.2%	60.8	57.7	-3.1	-5.1%
2.5%	57.5	57.4	-0.2	-0.3%
3.7%	57.5	57.3	-0.2	-0.4%
4.9%	57.3	56.7	-0.6	-1.0%
6.2%	57.0	56.7	-0.3	-0.5%
7.4%	56.8	56.6	-0.3	-0.5%
8.6%	56.5	56.1	-0.3	-0.6%
9.9%	56.4	56.1	-0.2	-0.4%
11.1%	56.0	56.1	0.1	0.2%
12.3%	55.9	56.1	0.2	0.3%
13.6%	55.8	56.1	0.2	0.4%
14.8%	55.8	56.0	0.3	0.5%
16.0%	55.8	56.0	0.3	0.5%
17.3%	55.6	56.0	0.3	0.6%
18.5%	55.5	55.7	0.2	0.4%
19.8%	55.3	55.6	0.3	0.5%
21.0%	55.2	55.6	0.3	0.6%
22.2%	55.2	55.3	0.2	0.3%
23.5%	55.1	55.3	0.2	0.3%
24.7%	55.1	55.2	0.1	0.3%
25.9%	55.0	55.1	0.1	0.2%
27.2%	55.0	55.1	0.1	0.3%
28.4%	55.0	54.9	0.0	-0.1%
29.6%	54.9	54.9	0.0	0.0%
30.9%	54.8	54.8	0.0	0.0%
32.1%	54.8	54.8	0.0	0.0%
33.3%	54.5	54.7	0.1	0.3%
34.6%	54.5	54.6	0.1	0.2%
35.8%	54.5	54.5	0.0	0.0%
37.0%	54.5	54.5	0.0	0.0%
38.3%	54.2	54.5	0.3	0.6%
39.5%	54.2	54.5	0.3	0.6%
40.7%	53.9	54.3	0.4	0.8%
42.0%	53.8	54.1	0.3	0.6%
43.2%	53.7	54.0	0.3	0.6%
44.4%	53.4	53.9	0.5	1.0%
45.7%	53.2	53.6	0.4	0.7%
46.9%	53.1	53.6	0.4	0.8%
48.1%	52.9	53.6	0.6	1.2%
49.4%	52.9	53.5	0.6	1.2%
50.6%	52.8	53.4	0.5	1.0%
51.9%	52.7	53.1	0.4	0.8%
53.1%	52.7	53.0	0.3	0.6%
54.3%	52.5	53.0	0.5	1.0%
55.6%	52.5	53.0	0.5	0.9%
56.8%	52.4	52.9	0.5	0.9%
58.0%	51.8	52.5	0.8	1.5%
59.3%	51.7	52.5	0.8	1.5%
60.5%	51.7	51.7	0.0	-0.1%
61.7%	51.7	51.6	0.0	-0.1%
63.0%	51.7	51.6	-0.1	-0.1%
64.2%	51.5	51.5	0.0	0.0%
65.4%	51.2	51.3	0.1	0.1%
66.7%	51.2	51.1	-0.1	-0.3%
67.9%	51.0	50.8	-0.2	-0.4%
69.1%	50.9	50.8	-0.1	-0.3%
70.4%	50.9	50.7	-0.3	-0.5%
71.6%	50.8	50.4	-0.4	-0.7%
72.8%	50.7	50.4	-0.3	-0.7%
74.1%	50.7	50.4	-0.3	-0.6%
75.3%	50.6	50.3	-0.3	-0.6%
76.5%	50.5	50.3	-0.2	-0.5%
77.8%	50.5	50.2	-0.2	-0.5%
79.0%	50.4	50.2	-0.2	-0.3%
80.2%	50.3	50.1	-0.2	-0.3%
81.5%	50.1	50.1	0.0	-0.1%
82.7%	50.1	50.0	-0.1	-0.1%
84.0%	50.0	49.9	-0.1	-0.2%
85.2%	50.0	49.9	-0.1	-0.3%
86.4%	50.0	49.7	-0.3	-0.5%
87.7%	50.0	49.7	-0.3	-0.5%
88.9%	49.9	49.6	-0.3	-0.6%
90.1%	49.7	49.5	-0.2	-0.3%
91.4%	49.6	49.5	-0.1	-0.3%
92.6%	49.5	49.5	-0.1	-0.1%
93.8%	49.3	49.4	0.2	0.4%
95.1%	49.3	48.9	-0.3	-0.7%
96.3%	49.2	48.8	-0.4	-0.8%
97.5%	49.1	48.7	-0.4	-0.8%
98.8%	48.8	48.4	-0.4	-0.8%
100.0%	48.8	48.4	0.0	-0.8%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	58.4	56.4	-2.0	-3.5%
1.2%	57.2	56.0	-1.2	-2.1%
2.5%	56.5	56.0	-0.5	-0.8%
3.7%	56.2	55.7	-0.5	-1.0%
4.9%	55.7	55.6	-0.1	-0.2%
6.2%	55.5	55.6	0.1	0.1%
7.4%	54.9	55.5	0.6	1.1%
8.6%	54.7	55.4	0.7	1.2%
9.9%	54.7	55.2	0.5	0.8%
11.1%	54.5	55.0	0.5	1.0%
12.3%	53.6	54.8	1.2	2.3%
13.6%	53.6	54.8	1.2	2.2%
14.8%	53.6	54.6	1.1	2.0%
16.0%	53.5	53.8	0.3	0.5%
17.3%	53.4	53.7	0.3	0.6%
18.5%	53.4	53.5	0.1	0.2%
19.8%	53.2	53.4	0.2	0.4%
21.0%	53.2	53.3	0.2	0.3%
22.2%	53.1	53.3	0.2	0.3%
23.5%	53.1	53.3	0.2	0.4%
24.7%	53.1	53.2	0.2	0.4%
25.9%	53.0	53.2	0.2	0.4%
27.2%	52.9	53.0	0.1	0.2%
28.4%	52.9	53.0	0.1	0.1%
29.6%	52.4	52.8	0.4	0.8%
30.9%	52.3	52.7	0.4	0.7%
32.1%	52.1	52.6	0.5	0.9%
33.3%	52.1	52.5	0.4	0.7%
34.6%	52.1	52.4	0.3	0.5%
35.8%	52.0	52.2	0.2	0.4%
37.0%	52.0	52.2	0.2	0.4%
38.3%	51.9	52.2	0.3	0.5%
39.5%	51.8	52.0	0.1	0.3%
40.7%	51.7	51.9	0.2	0.4%
42.0%	51.7	51.9	0.2	0.3%
43.2%	51.7	51.8	0.1	0.2%
44.4%	51.7	51.6	-0.1	-0.1%
45.7%	51.5	51.6	0.1	0.2%
46.9%	51.4	51.5	0.1	0.3%
48.1%	51.4	51.4	0.0	0.1%
49.4%	51.3	51.3	0.0	-0.1%
50.6%	51.3	51.3	0.0	0.0%
51.9%	51.3	51.2	-0.1	-0.1%
53.1%	51.2	51.2	0.0	-0.1%
54.3%	51.2	51.2	0.0	0.0%
55.6%	51.1	51.0	-0.1	-0.1%
56.8%	51.0	51.0	0.0	-0.1%
58.0%	50.7	50.9	0.3	0.5%
59.3%	50.6	50.9	0.3	0.5%
60.5%	50.6	50.8	0.2	0.4%
61.7%	50.6	50.6	0.0	0.0%
63.0%	50.5	50.6	0.1	0.1%
64.2%	50.5	50.5	0.0	0.1%
65.4%	50.5	50.3	-0.1	-0.2%
66.7%	50.3	50.3	0.0	0.0%
67.9%	50.3	50.3	0.0	0.0%
69.1%	50.3	50.2	0.0	-0.1%
70.4%	50.2	50.2	0.0	0.0%
71.6%	50.2	50.1	-0.1	-0.1%
72.8%	50.2	50.1	0.0	-0.1%
74.1%	50.1	50.1	0.0	0.0%
75.3%	50.1	49.9	-0.2	-0.3%
76.5%	50.0	49.9	-0.1	-0.3%
77.8%	49.7	49.8	0.2	0.3%
79.0%	49.7	49.7	0.0	0.0%
80.2%	49.5	49.6	0.0	0.1%
81.5%	49.4	49.5	0.1	0.1%
82.7%	49.4	49.4	0.0	0.1%
84.0%	49.4	49.3	0.0	0.0%
85.2%	49.2	49.3	0.1	0.2%
86.4%	49.2	49.3	0.1	0.3%
87.7%	49.2	48.9	-0.2	-0.4%
88.9%	49.1	48.9	-0.2	-0.5%
90.1%	48.9	48.9	-0.1	-0.1%
91.4%	48.9	48.8	0.0	-0.1%
92.6%	48.6	48.7	0.1	0.2%
93.8%	48.5	48.6	0.0	0.0%
95.1%	48.5	48.2	-0.3	-0.7%
96.3%	48.2	47.8	-0.4	-0.9%
97.5%	47.9	47.5	-0.4	-0.8%
98.8%	47.6	47.5	-0.1	-0.2%
100.0%	47.6	47.5	-0.1	-0.2%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	57.3	56.1	-1.2	-2.1%
1.2%	53.5	55.3	1.7	3.2%
2.5%	53.4	55.1	1.6	3.1%
3.7%	53.0	54.4	1.4	2.6%
4.9%	52.9	54.0	1.1	2.0%
6.2%	52.9	52.8	-0.1	-0.2%
7.4%	52.8	52.7	-0.2	-0.4%
8.6%	52.8	52.7	-0.2	-0.3%
9.9%	52.7	52.6	-0.1	-0.1%
11.1%	52.6	52.5	-0.1	-0.2%
12.3%	52.4	52.4	0.0	0.0%
13.6%	52.2	52.3	0.1	0.3%
14.8%	52.0	52.2	0.2	0.3%
16.0%	52.0	51.9	-0.1	-0.1%
17.3%	51.9	51.9	-0.1	-0.1%
18.5%	51.6	51.7	0.1	0.2%
19.8%	51.4	51.5	0.0	0.1%
21.0%	51.4	51.5	0.0	0.1%
22.2%	51.3	51.4	0.1	0.3%
23.5%	51.2	51.3	0.1	0.3%
24.7%	51.0	51.3	0.2	0.4%
25.9%	51.0	51.2	0.2	0.5%
27.2%	50.9	51.2	0.3	0.5%
28.4%	50.9	51.2	0.3	0.5%
29.6%	50.9	51.2	0.3	0.5%
30.9%	50.7	51.0	0.3	0.5%
32.1%	50.6	50.8	0.2	0.3%
33.3%	50.6	50.8	0.2	0.4%
34.6%	50.5	50.8	0.3	0.6%
35.8%	50.3	50.8	0.4	0.9%
37.0%	50.3	50.7	0.4	0.7%
38.3%	50.3	50.7	0.4	0.9%
39.5%	50.2	50.6	0.3	0.7%
40.7%	50.2	50.5	0.3	0.6%
42.0%	50.1	50.5	0.3	0.7%
43.2%	50.1	50.5	0.4	0.7%
44.4%	50.1	50.3	0.2	0.4%
45.7%	50.1	50.2	0.1	0.1%
46.9%	50.1	50.2	0.1	0.2%
48.1%	50.1	50.1	0.0	0.1%
49.4%	50.0	50.1	0.1	0.2%
50.6%	49.9	50.1	0.2	0.3%
51.9%	49.8	49.9	0.1	0.2%
53.1%	49.8	49.9	0.1	0.3%
54.3%	49.7	49.9	0.2	0.4%
55.6%	49.6	49.8	0.1	0.2%
56.8%	49.6	49.7	0.2	0.4%
58.0%	49.5	49.7	0.2	0.3%
59.3%	49.5	49.6	0.1	0.3%
60.5%	49.4	49.6	0.1	0.3%
61.7%	49.4	49.6	0.2	0.4%
63.0%	49.3	49.5	0.3	0.6%
64.2%	49.3	49.5	0.3	0.6%
65.4%	49.2	49.4	0.2	0.4%
66.7%	49.2	49.3	0.2	0.4%
67.9%	49.1	49.2	0.1	0.2%
69.1%	49.1	49.1	0.0	0.0%
70.4%	48.8	49.1	0.2	0.5%
71.6%	48.7	48.9	0.2	0.4%
72.8%	48.6	48.8	0.2	0.5%
74.1%	48.3	48.8	0.4	0.9%
75.3%	48.2	48.7	0.5	1.0%
76.5%	48.2	48.6	0.4	0.8%
77.8%	48.1	48.4	0.3	0.6%
79.0%	47.9	48.1	0.2	0.4%
80.2%	47.8	48.1	0.3	0.7%
81.5%	47.8	47.9	0.1	0.2%
82.7%	47.7	47.8	0.1	0.3%
84.0%	47.6	47.6	0.1	0.1%
85.2%	47.3	47.5	0.2	0.3%
86.4%	47.2	47.1	-0.1	-0.2%
87.7%	47.1	47.1	0.0	0.0%
88.9%	47.0	46.9	0.0	-0.1%
90.1%	46.8	46.6	-0.1	-0.3%
91.4%	46.4	46.6	0.2	0.3%
92.6%	46.2	46.0	-0.2	-0.4%
93.8%	46.1	46.0	-0.1	-0.2%
95.1%	46.0	45.9	-0.1	-0.3%
96.3%	45.9	45.5	-0.3	-0.8%
97.5%	45.6	45.1	-0.5	-1.0%
98.8%	44.1	44.1	0.0	0.1%
100.0%	44.1	44.1	0.0	0.1%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.5	55.1	1.5	2.9%
1.2%	52.4	52.7	0.3	0.6%
2.5%	52.0	52.1	0.1	0.2%
3.7%	51.6	52.0	0.4	0.8%
4.9%	51.6	51.6	0.1	0.1%
6.2%	51.4	51.6	0.1	0.2%
7.4%	51.1	51.2	0.1	0.2%
8.6%	51.1	51.2	0.1	0.2%
9.9%	51.0	51.1	0.1	0.2%
11.1%	50.9	51.0	0.1	0.2%
12.3%	50.7	50.9	0.2	0.4%
13.6%	50.6	50.9	0.2	0.5%
14.8%	50.5	50.8	0.3	0.5%
16.0%	50.5	50.8	0.3	0.5%
17.3%	50.5	50.6	0.2	0.3%
18.5%	50.3	50.5	0.2	0.3%
19.8%	50.2	50.4	0.1	0.3%
21.0%	50.2	50.3	0.1	0.1%
22.2%	50.2	50.3	0.1	0.1%
23.5%	50.2	50.2	0.0	-0.1%
24.7%	50.1	50.1	0.1	0.2%
25.9%	50.1	50.1	0.1	0.1%
27.2%	49.9	50.1	0.1	0.2%
28.4%	49.9	50.0	0.0	0.1%
29.6%	49.9	49.9	0.1	0.1%
30.9%	49.9	49.9	0.0	0.1%
32.1%	49.8	49.9	0.1	0.1%
33.3%	49.8	49.8	0.0	-0.1%
34.6%	49.8	49.8	0.0	-0.1%
35.8%	49.7	49.7	0.0	-0.1%
37.0%	49.7	49.6	-0.1	-0.2%
38.3%	49.7	49.5	-0.2	-0.3%
39.5%	49.7	49.5	-0.1	-0.3%
40.7%	49.7	49.5	-0.1	-0.3%
42.0%	49.6	49.5	-0.1	-0.2%
43.2%	49.6	49.4	-0.1	-0.3%
44.4%	49.5	49.4	0.0	-0.1%
45.7%	49.3	49.3	0.0	0.0%
46.9%	49.0	49.2	0.2	0.5%
48.1%	48.9	49.1	0.2	0.4%
49.4%	48.7	49.0	0.3	0.5%
50.6%	48.6	48.8	0.2	0.4%
51.9%	48.6	48.8	0.2	0.4%
53.1%	48.6	48.8	0.2	0.4%
54.3%	48.5	48.7	0.1	0.3%
55.6%	48.4	48.6	0.2	0.5%
56.8%	48.4	48.5	0.2	0.4%
58.0%	48.4	48.4	0.1	0.1%
59.3%	48.3	48.4	0.1	0.1%
60.5%	48.3	48.4	0.1	0.2%
61.7%	48.0	48.4	0.4	0.8%
63.0%	47.9	48.3	0.4	0.7%
64.2%	47.8	48.1	0.4	0.7%
65.4%	47.8	48.0	0.2	0.4%
66.7%	47.5	47.8	0.3	0.6%
67.9%	47.5	47.5	0.0	0.0%
69.1%	47.4	47.5	0.1	0.1%
70.4%	47.4	47.4	0.0	0.1%
71.6%	46.8	47.4	0.6	1.2%
72.8%	46.7	46.8	0.1	0.2%
74.1%	46.7	46.7	0.0	0.1%
75.3%	46.6	46.6	-0.1	-0.2%
76.5%	46.5	46.3	-0.2	-0.5%
77.8%	46.3	46.3	0.0	-0.1%
79.0%	46.1	46.1	0.0	-0.1%
80.2%	46.1	46.1	0.0	-0.1%
81.5%	45.9	46.0	0.1	0.2%
82.7%	45.8	46.0	0.2	0.4%
84.0%	45.6	45.8	0.3	0.6%
85.2%	45.4	45.6	0.2	0.4%
86.4%	45.3	45.6	0.2	0.5%
87.7%	45.2	45.4	0.3	0.6%
88.9%	45.1	45.4	0.3	0.6%
90.1%	45.0	45.3	0.3	0.7%
91.4%	45.0	45.0	0.0	0.0%
92.6%	44.9	45.0	0.0	0.1%
93.8%	44.6	44.9	0.4	0.8%
95.1%	44.4	44.6	0.2	0.5%
96.3%	44.3	44.4	0.1	0.3%
97.5%	43.7	44.3	0.6	1.3%
98.8%	43.7	43.6	0.0	-0.1%
100.0%	43.7	43.6	0.0	-0.1%

Table SQ12-1b

Trinity River below Lewiston Dam, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.6	53.6	0.0	0.0%
1.2%	53.5	53.5	0.1	0.1%
2.5%	53.1	53.1	0.0	0.1%
3.7%	51.8	51.9	0.1	0.1%
4.9%	51.6	51.6	0.1	0.1%
6.2%	51.6	51.6	0.1	0.1%
7.4%	51.5	51.6	0.1	0.1%
8.6%	51.3	51.6	0.3	0.6%
9.9%	51.2	51.6	0.4	0.8%
11.1%	51.1	51.3	0.1	0.2%
12.3%	51.1	51.2	0.1	0.1%
13.6%	51.0	51.1	0.1	0.2%
14.8%	51.0	51.0	0.0	0.0%
16.0%	50.8	51.0	0.2	0.5%
17.3%	50.7	50.9	0.2	0.5%
18.5%	50.5	50.8	0.3	0.5%
19.8%	50.5	50.7	0.3	0.5%
21.0%	50.5	50.7	0.3	0.5%
22.2%	50.5	50.7	0.2	0.4%
23.5%	50.4	50.5	0.1	0.2%
24.7%	50.4	50.5	0.1	0.3%
25.9%	50.3	50.5	0.2	0.3%
27.2%	50.3	50.4	0.1	0.2%
28.4%	50.3	50.4	0.1	0.2%
29.6%	50.3	50.3	0.0	0.0%
30.9%	50.2	50.3	0.1	0.1%
32.1%	50.1	50.2	0.1	0.3%
33.3%	50.0	50.2	0.2	0.3%
34.6%	50.0	50.1	0.1	0.2%
35.8%	50.0	50.1	0.0	0.1%
37.0%	49.9	50.0	0.1	0.2%
38.3%	49.7	50.0	0.4	0.7%
39.5%	49.7	50.0	0.3	0.7%
40.7%	49.6	49.7	0.1	0.2%
42.0%	49.6	49.7	0.1	0.2%
43.2%	49.3	49.6	0.3	0.7%
44.4%	49.2	49.6	0.4	0.8%
45.7%	49.2	49.6	0.4	0.9%
46.9%	49.0	49.2	0.2	0.4%
48.1%	48.8	49.0	0.2	0.5%
49.4%	48.8	48.9	0.2	0.3%
50.6%	48.8	48.8	0.1	0.1%
51.9%	48.7	48.8	0.1	0.3%
53.1%	48.6	48.6	0.0	0.1%
54.3%	48.5	48.6	0.1	0.2%
55.6%	48.4	48.6	0.2	0.4%
56.8%	48.4	48.6	0.2	0.4%
58.0%	48.3	48.5	0.2	0.3%
59.3%	48.1	48.4	0.3	0.6%
60.5%	48.1	48.1	0.0	0.1%
61.7%	48.1	48.1	0.0	0.0%
63.0%	48.1	48.1	0.0	0.0%
64.2%	48.0	48.0	0.0	0.0%
65.4%	47.9	48.0	0.1	0.1%
66.7%	47.9	48.0	0.1	0.2%
67.9%	47.8	48.0	0.1	0.2%
69.1%	47.7	47.9	0.2	0.3%
70.4%	47.7	47.8	0.1	0.2%
71.6%	47.5	47.5	0.1	0.1%
72.8%	47.4	47.4	0.0	0.0%
74.1%	47.1	47.0	0.0	-0.1%
75.3%	46.9	46.9	0.0	0.0%
76.5%	46.8	46.8	0.0	0.0%
77.8%	46.8	46.8	0.0	0.0%
79.0%	46.6	46.5	-0.2	-0.3%
80.2%	46.3	46.3	0.0	-0.1%
81.5%	46.1	46.2	0.1	0.2%
82.7%	46.1	46.1	0.0	0.1%
84.0%	45.8	46.1	0.2	0.5%
85.2%	45.5	45.8	0.4	0.9%
86.4%	45.3	45.5	0.2	0.4%
87.7%	44.7	44.7	0.0	0.0%
88.9%	44.4	44.4	0.0	0.1%
90.1%	44.4	44.4	0.0	0.0%
91.4%	44.2	44.3	0.0	0.1%
92.6%	44.1	44.2	0.1	0.1%
93.8%	44.1	44.2	0.1	0.2%
95.1%	43.7	44.1	0.4	0.9%
96.3%	43.7	43.8	0.1	0.2%
97.5%	43.6	43.7	0.1	0.3%
98.8%	43.4	43.5	0.1	0.2%
100.0%	43.4	43.5	0.1	0.2%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.6	54.7	0.0	0.1%
1.2%	54.0	54.2	0.2	0.4%
2.5%	53.9	54.0	0.0	0.1%
3.7%	53.9	53.9	0.0	0.0%
4.9%	53.8	53.8	0.0	0.0%
6.2%	53.7	53.7	0.0	0.0%
7.4%	53.6	53.7	0.1	0.2%
8.6%	53.6	53.6	0.0	0.0%
9.9%	53.4	53.4	-0.1	-0.1%
11.1%	53.2	53.3	0.1	0.2%
12.3%	53.1	53.2	0.2	0.3%
13.6%	53.1	53.1	0.1	0.1%
14.8%	52.9	53.0	0.1	0.2%
16.0%	52.9	53.0	0.1	0.2%
17.3%	52.8	53.0	0.2	0.3%
18.5%	52.7	52.9	0.2	0.3%
19.8%	52.7	52.6	-0.1	-0.2%
21.0%	52.6	52.3	-0.3	-0.5%
22.2%	52.6	52.3	-0.2	-0.5%
23.5%	52.6	52.3	-0.2	-0.4%
24.7%	52.4	52.2	-0.2	-0.4%
25.9%	52.4	52.1	-0.2	-0.5%
27.2%	52.4	52.0	-0.3	-0.7%
28.4%	52.3	52.0	-0.4	-0.7%
29.6%	52.3	51.9	-0.4	-0.8%
30.9%	52.0	51.9	-0.1	-0.2%
32.1%	52.0	51.9	-0.1	-0.2%
33.3%	52.0	51.9	-0.1	-0.2%
34.6%	51.9	51.9	-0.1	-0.1%
35.8%	51.8	51.8	0.0	0.0%
37.0%	51.7	51.7	0.0	0.0%
38.3%	51.6	51.7	0.0	0.0%
39.5%	51.6	51.6	0.0	0.0%
40.7%	51.4	51.6	0.2	0.3%
42.0%	51.4	51.5	0.1	0.3%
43.2%	51.3	51.4	0.1	0.2%
44.4%	51.2	51.4	0.2	0.4%
45.7%	51.2	51.3	0.1	0.2%
46.9%	50.9	51.2	0.3	0.5%
48.1%	50.8	51.1	0.3	0.7%
49.4%	50.8	51.0	0.2	0.5%
50.6%	50.8	50.9	0.1	0.2%
51.9%	50.5	50.8	0.4	0.7%
53.1%	50.3	50.8	0.5	1.0%
54.3%	50.3	50.8	0.5	1.0%
55.6%	50.3	50.7	0.5	0.9%
56.8%	50.2	50.5	0.3	0.6%
58.0%	50.2	50.4	0.3	0.5%
59.3%	50.2	50.4	0.3	0.6%
60.5%	50.1	50.3	0.2	0.5%
61.7%	50.1	50.3	0.3	0.5%
63.0%	50.0	50.3	0.3	0.6%
64.2%	49.9	50.2	0.4	0.7%
65.4%	49.8	50.2	0.4	0.8%
66.7%	49.7	50.2	0.5	0.9%
67.9%	49.6	50.1	0.5	1.0%
69.1%	49.6	50.0	0.4	0.9%
70.4%	49.5	49.9	0.4	0.7%
71.6%	49.5	49.8	0.3	0.7%
72.8%	49.4	49.7	0.3	0.6%
74.1%	49.2	49.6	0.4	0.8%
75.3%	49.1	49.5	0.4	0.8%
76.5%	49.1	49.4	0.3	0.6%
77.8%	49.0	49.3	0.3	0.6%
79.0%	48.8	49.1	0.3	0.6%
80.2%	48.8	49.1	0.3	0.6%
81.5%	48.6	48.8	0.3	0.6%
82.7%	48.4	48.5	0.2	0.4%
84.0%	48.2	48.4	0.1	0.2%
85.2%	47.9	47.8	-0.1	-0.3%
86.4%	47.8	47.7	0.0	-0.1%
87.7%	47.7	47.7	0.0	0.0%
88.9%	47.2	47.3	0.0	0.1%
90.1%	47.1	46.9	-0.2	-0.4%
91.4%	46.9	46.5	-0.4	-0.9%
92.6%	46.8	46.1	-0.7	-1.5%
93.8%	45.4	45.5	0.0	0.1%
95.1%	44.6	44.6	0.0	-0.1%
96.3%	44.3	44.4	0.1	0.2%
97.5%	44.1	44.1	0.0	-0.1%
98.8%	43.9	43.9	0.1	0.2%
100.0%	43.9	43.9	0.1	0.2%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.5	54.6	0.1	0.1%
1.2%	54.4	54.5	0.1	0.2%
2.5%	54.2	54.3	0.2	0.3%
3.7%	54.0	53.8	-0.1	-0.3%
4.9%	53.8	53.7	-0.1	-0.2%
6.2%	53.8	53.7	-0.1	-0.2%
7.4%	53.7	53.6	-0.1	-0.2%
8.6%	53.7	53.4	-0.4	-0.7%
9.9%	53.4	53.3	0.0	-0.1%
11.1%	53.3	53.3	0.0	0.1%
12.3%	53.2	53.2	0.1	0.1%
13.6%	53.1	53.1	0.0	0.0%
14.8%	53.1	53.1	0.0	0.1%
16.0%	53.0	53.1	0.0	0.0%
17.3%	53.0	53.0	0.0	0.1%
18.5%	52.9	52.9	0.0	0.0%
19.8%	52.9	52.9	0.0	0.1%
21.0%	52.7	52.8	0.1	0.2%
22.2%	52.7	52.8	0.1	0.1%
23.5%	52.7	52.8	0.1	0.1%
24.7%	52.7	52.7	0.1	0.1%
25.9%	52.6	52.7	0.1	0.2%
27.2%	52.6	52.6	0.0	0.0%
28.4%	52.6	52.6	0.0	0.0%
29.6%	52.6	52.5	0.0	0.0%
30.9%	52.5	52.5	0.0	0.0%
32.1%	52.4	52.4	0.0	0.0%
33.3%	52.4	52.4	0.0	0.0%
34.6%	52.3	52.3	0.0	0.0%
35.8%	52.3	52.3	0.0	-0.1%
37.0%	52.3	52.3	0.0	-0.1%
38.3%	52.3	52.3	0.0	0.0%
39.5%	52.3	52.3	0.0	0.0%
40.7%	52.2	52.2	0.0	0.0%
42.0%	52.2	52.2	0.1	0.1%
43.2%	52.2	52.2	0.0	0.0%
44.4%	52.1	52.2	0.1	0.1%
45.7%	52.1	52.1	0.1	0.1%
46.9%	52.0	52.1	0.1	0.1%
48.1%	51.9	52.0	0.1	0.2%
49.4%	51.9	51.9	0.0	0.1%
50.6%	51.8	51.9	0.0	0.0%
51.9%	51.8	51.8	0.0	0.0%
53.1%	51.8	51.8	0.0	0.0%
54.3%	51.7	51.8	0.0	0.1%
55.6%	51.6	51.7	0.0	0.0%
56.8%	51.6	51.6	0.0	0.0%
58.0%	51.5	51.5	0.0	0.0%
59.3%	51.4	51.4	0.0	0.0%
60.5%	51.3	51.3	0.0	-0.1%
61.7%	51.3	51.3	0.0	0.0%
63.0%	51.3	51.2	0.0	-0.1%
64.2%	51.2	51.2	-0.1	-0.2%
65.4%	51.1	51.2	0.0	0.0%
66.7%	51.1	51.1	0.0	0.0%
67.9%	51.1	51.1	0.0	0.0%
69.1%	51.1	51.0	0.0	-0.1%
70.4%	51.1	51.0	0.0	-0.1%
71.6%	51.0	51.0	0.0	0.0%
72.8%	51.0	50.8	-0.2	-0.4%
74.1%	50.9	50.7	-0.1	-0.3%
75.3%	50.8	50.5	-0.2	-0.5%
76.5%	50.7	50.1	-0.5	-1.0%
77.8%	50.4	50.1	-0.3	-0.6%
79.0%	50.3	50.0	-0.2	-0.5%
80.2%	50.1	49.8	-0.2	-0.4%
81.5%	50.0	49.8	-0.2	-0.4%
82.7%	49.7	49.7	0.0	0.0%
84.0%	49.7	49.6	-0.1	-0.1%
85.2%	49.3	49.6	0.2	0.5%
86.4%	49.3	49.4	0.1	0.2%
87.7%	49.3	49.3	0.1	0.1%
88.9%	49.1	49.3	0.2	0.4%
90.1%	48.9	49.2	0.3	0.7%
91.4%	48.9	49.1	0.2	0.5%
92.6%	48.9	48.9	0.0	0.0%
93.8%	48.0	48.0	0.0	0.0%
95.1%	47.9	47.9	0.0	-0.1%
96.3%	47.2	47.2	0.0	0.0%
97.5%	47.1	47.1	0.0	0.0%
98.8%	47.0	46.9	0.0	0.0%
100.0%	47.0	46.9	0.0	0.0%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.2	54.1	-0.1	-0.2%
1.2%	53.9	53.3	-0.6	-1.1%
2.5%	53.8	53.1	-0.7	-1.3%
3.7%	53.1	52.8	-0.3	-0.6%
4.9%	52.3	52.6	0.2	0.4%
6.2%	51.6	52.2	0.6	1.1%
7.4%	51.1	51.2	0.1	0.2%
8.6%	51.0	50.9	-0.1	-0.1%
9.9%	50.7	50.8	0.0	0.1%
11.1%	50.7	50.7	0.0	0.1%
12.3%	50.5	50.5	0.0	0.0%
13.6%	50.2	50.3	0.1	0.2%
14.8%	50.0	50.1	0.1	0.3%
16.0%	49.9	50.0	0.0	0.1%
17.3%	49.9	50.0	0.0	0.1%
18.5%	49.9	49.9	0.0	0.1%
19.8%	49.9	49.9	0.0	0.0%
21.0%	49.8	49.9	0.1	0.1%
22.2%	49.7	49.8	0.0	0.0%
23.5%	49.7	49.7	0.0	0.0%
24.7%	49.7	49.7	0.0	0.0%
25.9%	49.7	49.7	0.0	0.1%
27.2%	49.6	49.7	0.0	0.1%
28.4%	49.6	49.4	-0.2	-0.4%
29.6%	49.3	49.2	-0.1	-0.3%
30.9%	48.9	49.0	0.1	0.2%
32.1%	48.8	48.9	0.1	0.2%
33.3%	48.4	48.7	0.3	0.7%
34.6%	48.3	48.3	0.0	0.0%
35.8%	48.1	48.1	0.0	0.0%
37.0%	48.0	48.0	-0.1	-0.1%
38.3%	47.8	47.8	0.0	0.0%
39.5%	47.3	47.3	0.0	0.1%
40.7%	47.3	47.2	-0.1	-0.2%
42.0%	46.9	46.9	0.1	0.1%
43.2%	46.9	46.9	0.1	0.1%
44.4%	46.9	46.9	0.0	0.0%
45.7%	46.8	46.7	-0.1	-0.1%
46.9%	46.7	46.7	0.0	-0.1%
48.1%	46.7	46.7	0.0	-0.1%
49.4%	46.7	46.6	-0.1	-0.1%
50.6%	46.5	46.6	0.1	0.1%
51.9%	46.5	46.5	0.1	0.1%
53.1%	46.3	46.2	0.0	-0.1%
54.3%	46.2	46.1	-0.1	-0.1%
55.6%	46.1	46.1	0.1	0.1%
56.8%	46.0	46.0	0.0	0.0%
58.0%	45.9	45.9	0.0	0.0%
59.3%	45.8	45.8	0.0	0.1%
60.5%	45.8	45.8	0.0	0.0%
61.7%	45.7	45.7	0.0	0.1%
63.0%	45.7	45.7	0.0	0.0%
64.2%	45.6	45.7	0.0	0.0%
65.4%	45.6	45.6	0.0	-0.1%
66.7%	45.6	45.6	0.0	0.0%
67.9%	45.5	45.5	0.0	0.0%
69.1%	45.4	45.5	0.0	0.0%
70.4%	45.4	45.4	0.0	0.0%
71.6%	45.4	45.4	0.0	0.0%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.4	45.3	0.0	0.0%
75.3%	45.3	45.3	0.0	-0.1%
76.5%	45.3	45.3	0.0	0.0%
77.8%	45.2	45.2	0.0	-0.1%
79.0%	45.1	45.2	0.0	0.0%
80.2%	45.1	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.0%
82.7%	45.1	45.1	0.0	0.0%
84.0%	45.0	45.1	0.0	0.1%
85.2%	45.0	45.0	0.1	0.1%
86.4%	44.9	45.0	0.1	0.3%
87.7%	44.9	44.9	0.0	-0.1%
88.9%	44.9	44.9	0.0	0.0%
90.1%	44.9	44.8	-0.1	-0.1%
91.4%	44.8	44.8	0.0	-0.1%
92.6%	44.7	44.8	0.1	0.1%
93.8%	44.6	44.7	0.1	0.2%
95.1%	44.5	44.7	0.2	0.4%
96.3%	44.5	44.5	0.1	0.2%
97.5%	44.2	44.3	0.1	0.2%
98.8%	44.1	44.1	0.0	0.0%
100.0%	44.1	44.1	0.0	0.0%

Table SQ12-1b

Trinity River below Lewiston Dam, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	57.0	57.9	0.9	1.6%
1.2%	56.9	57.4	0.5	0.8%
2.5%	56.8	57.1	0.3	0.5%
3.7%	56.7	56.9	0.1	0.2%
4.9%	55.5	56.8	1.3	2.3%
6.2%	55.4	55.8	0.4	0.7%
7.4%	55.4	55.6	0.2	0.4%
8.6%	55.1	55.5	0.4	0.8%
9.9%	55.1	55.4	0.3	0.6%
11.1%	55.1	55.1	0.0	0.1%
12.3%	54.5	54.5	0.1	0.1%
13.6%	53.7	54.2	0.5	0.9%
14.8%	53.2	53.2	-0.1	-0.1%
16.0%	53.1	53.1	0.0	0.0%
17.3%	52.9	52.9	0.0	0.0%
18.5%	52.9	52.9	0.0	0.1%
19.8%	52.7	52.9	0.2	0.4%
21.0%	52.7	52.7	0.0	0.1%
22.2%	52.6	52.6	0.0	0.0%
23.5%	52.6	52.5	-0.1	-0.2%
24.7%	52.5	52.4	-0.1	-0.1%
25.9%	52.5	52.4	-0.1	-0.1%
27.2%	52.4	52.4	-0.1	-0.1%
28.4%	52.4	52.1	-0.2	-0.4%
29.6%	52.3	52.1	-0.2	-0.4%
30.9%	52.2	52.0	-0.3	-0.5%
32.1%	52.1	51.9	-0.2	-0.4%
33.3%	51.9	51.9	-0.1	-0.1%
34.6%	51.9	51.8	-0.1	-0.2%
35.8%	51.8	51.7	-0.1	-0.1%
37.0%	51.7	51.6	-0.1	-0.2%
38.3%	51.6	51.6	0.0	0.0%
39.5%	51.5	51.6	0.0	0.1%
40.7%	51.5	51.4	0.0	0.0%
42.0%	51.2	51.3	0.2	0.3%
43.2%	51.2	51.3	0.1	0.2%
44.4%	51.1	51.3	0.1	0.3%
45.7%	51.0	50.9	-0.1	-0.1%
46.9%	50.7	50.7	0.0	0.0%
48.1%	50.6	50.7	0.1	0.1%
49.4%	50.6	50.7	0.1	0.1%
50.6%	50.6	50.6	0.0	0.0%
51.9%	50.6	50.5	0.0	-0.1%
53.1%	50.5	50.5	0.0	0.0%
54.3%	50.5	50.5	0.0	0.0%
55.6%	50.4	50.3	-0.1	-0.2%
56.8%	50.1	50.0	-0.1	-0.2%
58.0%	50.0	49.7	-0.3	-0.7%
59.3%	50.0	49.6	-0.4	-0.8%
60.5%	49.8	49.5	-0.3	-0.6%
61.7%	49.7	49.5	-0.2	-0.4%
63.0%	49.6	49.3	-0.3	-0.6%
64.2%	49.5	49.2	-0.2	-0.5%
65.4%	49.4	49.2	-0.3	-0.5%
66.7%	49.3	49.0	-0.3	-0.5%
67.9%	49.2	49.0	-0.2	-0.4%
69.1%	49.0	48.8	-0.3	-0.6%
70.4%	49.0	48.7	-0.3	-0.6%
71.6%	48.7	48.7	-0.1	-0.2%
72.8%	48.7	48.2	-0.5	-1.0%
74.1%	48.3	48.0	-0.2	-0.4%
75.3%	48.2	47.9	-0.3	-0.6%
76.5%	47.9	47.8	0.0	-0.1%
77.8%	47.8	47.8	-0.1	-0.1%
79.0%	47.7	47.6	0.0	0.0%
80.2%	47.6	47.6	0.0	0.0%
81.5%	47.6	47.5	0.0	-0.1%
82.7%	47.4	47.5	0.0	0.1%
84.0%	47.4	47.4	0.0	0.1%
85.2%	47.4	47.4	0.0	0.0%
86.4%	47.2	47.2	0.0	0.0%
87.7%	47.0	47.0	0.0	-0.1%
88.9%	46.4	46.5	0.0	0.1%
90.1%	46.3	46.3	0.0	0.0%
91.4%	46.1	46.1	0.0	0.0%
92.6%	46.0	46.0	0.0	0.0%
93.8%	45.9	46.0	0.1	0.1%
95.1%	45.6	45.7	0.0	0.1%
96.3%	45.5	45.4	-0.1	-0.2%
97.5%	45.2	45.2	0.0	0.1%
98.8%	44.9	44.8	-0.1	-0.3%
100.0%	44.9	44.8	-0.1	-0.3%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	65.2	63.9	-1.3	-2.0%
1.2%	59.5	57.8	-1.6	-2.8%
2.5%	55.9	55.9	0.0	0.0%
3.7%	55.7	55.6	-0.1	-0.2%
4.9%	54.6	54.6	0.0	0.1%
6.2%	53.9	53.9	0.0	0.0%
7.4%	53.7	53.9	0.2	0.3%
8.6%	53.7	53.7	0.0	0.0%
9.9%	53.5	53.4	-0.1	-0.1%
11.1%	53.4	53.4	-0.1	-0.1%
12.3%	53.4	53.1	-0.3	-0.6%
13.6%	53.2	53.0	-0.2	-0.4%
14.8%	53.1	52.9	-0.1	-0.2%
16.0%	53.0	52.9	-0.1	-0.2%
17.3%	52.7	52.6	0.0	-0.1%
18.5%	52.7	52.6	-0.1	-0.1%
19.8%	52.5	52.5	0.0	0.0%
21.0%	52.4	52.5	0.1	0.2%
22.2%	52.4	52.5	0.1	0.2%
23.5%	52.4	52.5	0.1	0.2%
24.7%	52.3	52.4	0.1	0.2%
25.9%	52.3	52.4	0.2	0.3%
27.2%	52.2	52.4	0.2	0.4%
28.4%	52.2	52.4	0.2	0.4%
29.6%	52.2	52.3	0.1	0.2%
30.9%	52.1	52.3	0.2	0.3%
32.1%	52.0	52.2	0.2	0.3%
33.3%	52.0	52.2	0.2	0.4%
34.6%	51.9	52.2	0.3	0.5%
35.8%	51.8	52.1	0.3	0.6%
37.0%	51.8	52.1	0.3	0.6%
38.3%	51.8	52.0	0.3	0.5%
39.5%	51.7	52.0	0.4	0.7%
40.7%	51.6	51.9	0.3	0.6%
42.0%	51.6	51.8	0.2	0.5%
43.2%	51.6	51.8	0.2	0.4%
44.4%	51.5	51.7	0.2	0.4%
45.7%	51.5	51.7	0.2	0.3%
46.9%	51.5	51.7	0.2	0.4%
48.1%	51.4	51.7	0.2	0.5%
49.4%	51.3	51.6	0.3	0.5%
50.6%	51.3	51.5	0.3	0.5%
51.9%	51.2	51.5	0.2	0.4%
53.1%	51.2	51.4	0.2	0.4%
54.3%	51.2	51.4	0.2	0.4%
55.6%	51.2	51.4	0.2	0.4%
56.8%	51.1	51.3	0.2	0.4%
58.0%	51.0	51.3	0.2	0.5%
59.3%	51.0	51.2	0.2	0.4%
60.5%	51.0	51.2	0.2	0.4%
61.7%	51.0	51.2	0.2	0.4%
63.0%	51.0	51.1	0.1	0.3%
64.2%	50.9	51.1	0.2	0.4%
65.4%	50.8	51.0	0.2	0.4%
66.7%	50.8	51.0	0.2	0.4%
67.9%	50.8	51.0	0.2	0.4%
69.1%	50.8	50.8	0.0	0.1%
70.4%	50.7	50.8	0.1	0.2%
71.6%	50.6	50.7	0.1	0.2%
72.8%	50.6	50.7	0.1	0.1%
74.1%	50.6	50.6	0.1	0.1%
75.3%	50.6	50.6	0.1	0.2%
76.5%	50.5	50.6	0.1	0.2%
77.8%	50.4	50.5	0.1	0.3%
79.0%	50.4	50.5	0.1	0.2%
80.2%	50.3	50.4	0.1	0.2%
81.5%	50.2	50.4	0.2	0.4%
82.7%	50.0	50.0	0.0	0.0%
84.0%	50.0	50.0	0.0	0.0%
85.2%	50.0	49.9	0.0	-0.1%
86.4%	49.9	49.9	0.0	0.1%
87.7%	49.8	49.8	0.1	0.1%
88.9%	49.7	49.7	0.0	0.0%
90.1%	49.7	49.6	-0.1	-0.3%
91.4%	49.6	49.5	-0.1	-0.2%
92.6%	49.5	49.4	-0.1	-0.2%
93.8%	49.5	49.4	-0.1	-0.3%
95.1%	49.5	49.3	-0.1	-0.3%
96.3%	49.3	49.3	0.0	0.1%
97.5%	49.0	49.3	0.3	0.5%
98.8%	49.0	49.2	0.2	0.4%
100.0%	49.0	49.2	0.2	0.4%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	61.3	60.2	-1.1	-1.8%
1.2%	60.5	57.8	-2.8	-4.6%
2.5%	58.0	56.6	-1.4	-2.4%
3.7%	57.7	56.3	-1.4	-2.5%
4.9%	56.2	55.3	-0.9	-1.7%
6.2%	55.6	55.1	-0.5	-0.8%
7.4%	55.0	54.2	-0.8	-1.5%
8.6%	55.0	54.1	-0.9	-1.6%
9.9%	55.0	53.8	-1.2	-2.2%
11.1%	54.1	53.6	-0.5	-0.9%
12.3%	54.1	53.5	-0.6	-1.1%
13.6%	53.8	53.5	-0.3	-0.5%
14.8%	53.7	53.4	-0.4	-0.7%
16.0%	53.7	53.3	-0.4	-0.7%
17.3%	53.7	53.3	-0.4	-0.8%
18.5%	53.6	53.1	-0.5	-0.9%
19.8%	53.5	53.1	-0.5	-0.9%
21.0%	53.5	53.1	-0.5	-0.9%
22.2%	53.2	52.9	-0.3	-0.6%
23.5%	53.1	52.9	-0.3	-0.5%
24.7%	52.8	52.6	-0.2	-0.5%
25.9%	52.8	52.5	-0.2	-0.4%
27.2%	52.7	52.5	-0.2	-0.4%
28.4%	52.6	52.4	-0.2	-0.4%
29.6%	52.6	52.3	-0.3	-0.5%
30.9%	52.6	52.3	-0.3	-0.7%
32.1%	52.4	52.2	-0.2	-0.5%
33.3%	52.4	52.2	-0.2	-0.5%
34.6%	52.4	52.1	-0.2	-0.4%
35.8%	52.3	52.0	-0.4	-0.7%
37.0%	52.0	51.7	-0.3	-0.5%
38.3%	51.7	51.6	-0.2	-0.4%
39.5%	51.7	51.5	-0.2	-0.4%
40.7%	51.7	51.5	-0.2	-0.4%
42.0%	51.6	51.4	-0.2	-0.4%
43.2%	51.6	51.4	-0.2	-0.4%
44.4%	51.6	51.3	-0.2	-0.4%
45.7%	51.5	51.3	-0.2	-0.4%
46.9%	51.5	51.3	-0.2	-0.3%
48.1%	51.4	51.3	-0.1	-0.3%
49.4%	51.4	51.3	-0.1	-0.2%
50.6%	51.2	51.2	0.0	0.0%
51.9%	51.2	51.2	0.0	0.1%
53.1%	51.2	51.0	-0.1	-0.3%
54.3%	51.1	51.0	-0.1	-0.2%
55.6%	51.0	50.9	-0.2	-0.3%
56.8%	51.0	50.9	-0.2	-0.3%
58.0%	51.0	50.8	-0.2	-0.4%
59.3%	50.8	50.7	-0.1	-0.1%
60.5%	50.7	50.6	0.0	-0.1%
61.7%	50.6	50.6	0.0	0.1%
63.0%	50.5	50.6	0.1	0.1%
64.2%	50.4	50.5	0.0	0.0%
65.4%	50.4	50.4	0.0	-0.1%
66.7%	50.4	50.3	-0.1	-0.2%
67.9%	50.4	50.3	-0.1	-0.1%
69.1%	50.3	50.3	0.0	0.0%
70.4%	50.3	50.3	0.0	0.0%
71.6%	50.2	50.3	0.0	0.1%
72.8%	50.2	50.1	-0.1	-0.1%
74.1%	50.1	50.1	0.0	0.0%
75.3%	50.1	50.0	-0.1	-0.2%
76.5%	50.1	50.0	-0.1	-0.2%
77.8%	50.1	49.8	-0.3	-0.5%
79.0%	50.1	49.8	-0.3	-0.6%
80.2%	50.1	49.8	-0.3	-0.6%
81.5%	50.0	49.8	-0.3	-0.5%
82.7%	50.0	49.7	-0.3	-0.5%
84.0%	49.9	49.7	-0.2	-0.3%
85.2%	49.9	49.7	-0.2	-0.3%
86.4%	49.9	49.6	-0.3	-0.6%
87.7%	49.8	49.5	-0.3	-0.5%
88.9%	49.8	49.5	-0.2	-0.5%
90.1%	49.7	49.5	-0.2	-0.4%
91.4%	49.6	49.5	-0.1	-0.3%
92.6%	49.6	49.3	-0.3	-0.6%
93.8%	49.6	49.1	-0.4	-0.9%
95.1%	49.6	49.1	-0.4	-0.9%
96.3%	49.4	49.0	-0.4	-0.9%
97.5%	49.2	48.8	-0.4	-0.9%
98.8%	48.8	48.5	-0.2	-0.5%
100.0%	48.8	48.5	-0.2	-0.5%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	63.1	62.4	-0.7	-1.1%
1.2%	61.5	58.7	-2.8	-4.6%
2.5%	61.1	58.6	-2.5	-4.1%
3.7%	58.6	58.3	-0.3	-0.5%
4.9%	58.6	58.2	-0.3	-0.6%
6.2%	58.1	55.6	-2.5	-4.2%
7.4%	58.0	55.5	-2.5	-4.3%
8.6%	57.1	55.4	-1.7	-3.0%
9.9%	55.8	55.3	-0.5	-0.9%
11.1%	55.3	55.2	-0.1	-0.2%
12.3%	55.3	55.0	-0.2	-0.4%
13.6%	54.8	54.9	0.1	0.3%
14.8%	54.5	54.8	0.3	0.5%
16.0%	54.3	54.8	0.5	0.8%
17.3%	54.3	54.4	0.2	0.3%
18.5%	54.2	54.4	0.1	0.3%
19.8%	54.2	54.3	0.1	0.1%
21.0%	54.1	54.2	0.0	0.0%
22.2%	54.1	54.1	0.0	0.0%
23.5%	54.0	53.9	-0.2	-0.3%
24.7%	54.0	53.7	-0.2	-0.5%
25.9%	53.7	53.5	-0.2	-0.4%
27.2%	53.2	53.3	0.1	0.2%
28.4%	53.2	53.2	0.0	0.1%
29.6%	53.0	52.9	-0.1	-0.2%
30.9%	53.0	52.8	-0.2	-0.3%
32.1%	52.9	52.8	-0.1	-0.2%
33.3%	52.8	52.8	0.0	0.0%
34.6%	52.7	52.8	0.0	0.1%
35.8%	52.6	52.6	0.0	0.0%
37.0%	52.6	52.4	-0.2	-0.3%
38.3%	52.6	52.4	-0.2	-0.3%
39.5%	52.5	52.4	-0.2	-0.3%
40.7%	52.3	52.1	-0.2	-0.4%
42.0%	52.2	52.1	-0.1	-0.2%
43.2%	52.1	52.0	-0.1	-0.2%
44.4%	52.0	51.9	-0.1	-0.2%
45.7%	52.0	51.7	-0.4	-0.7%
46.9%	52.0	51.6	-0.3	-0.6%
48.1%	51.8	51.5	-0.2	-0.4%
49.4%	51.7	51.4	-0.3	-0.5%
50.6%	51.7	51.3	-0.4	-0.7%
51.9%	51.5	51.3	-0.2	-0.4%
53.1%	51.2	51.3	0.1	0.3%
54.3%	51.1	51.2	0.1	0.1%
55.6%	51.1	51.1	-0.1	-0.1%
56.8%	51.1	51.0	-0.1	-0.3%
58.0%	51.1	51.0	-0.1	-0.3%
59.3%	51.0	50.8	-0.3	-0.5%
60.5%	51.0	50.5	-0.5	-0.9%
61.7%	50.5	50.5	0.0	0.0%
63.0%	50.5	50.5	0.0	0.0%
64.2%	50.5	50.5	0.0	0.0%
65.4%	50.4	50.4	0.0	0.1%
66.7%	50.4	50.4	0.0	0.1%
67.9%	50.4	50.4	0.1	0.1%
69.1%	50.3	50.4	0.1	0.2%
70.4%	50.3	50.3	0.0	0.1%
71.6%	50.2	50.0	-0.2	-0.3%
72.8%	50.1	50.0	-0.1	-0.2%
74.1%	49.9	49.9	0.0	0.0%
75.3%	49.9	49.9	0.0	0.0%
76.5%	49.8	49.9	0.0	0.1%
77.8%	49.8	49.9	0.0	0.1%
79.0%	49.7	49.8	0.0	0.1%
80.2%	49.7	49.8	0.0	0.1%
81.5%	49.7	49.7	0.0	0.0%
82.7%	49.7	49.7	0.0	0.0%
84.0%	49.7	49.6	-0.1	-0.2%
85.2%	49.7	49.6	-0.1	-0.2%
86.4%	49.5	49.5	-0.1	-0.1%
87.7%	49.4	49.4	0.0	0.0%
88.9%	49.4	49.3	-0.1	-0.2%
90.1%	49.4	49.3	-0.1	-0.2%
91.4%	49.4	49.2	-0.1	-0.3%
92.6%	49.4	49.2	-0.1	-0.3%
93.8%	49.3	49.2	0.0	-0.1%
95.1%	49.2	49.1	-0.1	-0.1%
96.3%	49.2	49.1	-0.1	-0.2%
97.5%	49.1	49.1	0.1	0.1%
98.8%	49.0	49.0	-0.1	-0.2%
100.0%	49.0	49.0	-0.1	-0.2%

Table SQ12-1b

Trinity River below Lewiston Dam, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	58.6	57.7	-0.8	-1.5%
1.2%	57.9	57.5	-0.3	-0.5%
2.5%	57.8	57.0	-0.8	-1.4%
3.7%	56.5	55.6	-0.9	-1.7%
4.9%	55.6	55.5	-0.1	-0.2%
6.2%	55.3	55.1	-0.2	-0.4%
7.4%	55.2	54.3	-0.9	-1.6%
8.6%	54.8	54.1	-0.8	-1.4%
9.9%	54.2	53.7	-0.4	-0.8%
11.1%	54.1	53.5	-0.7	-1.2%
12.3%	54.0	53.4	-0.6	-1.1%
13.6%	53.5	53.4	-0.2	-0.3%
14.8%	53.4	53.3	-0.1	-0.2%
16.0%	53.2	53.2	0.0	0.1%
17.3%	53.2	53.1	0.0	-0.1%
18.5%	53.2	53.1	-0.1	-0.2%
19.8%	53.0	52.9	-0.2	-0.3%
21.0%	52.9	52.8	-0.1	-0.2%
22.2%	52.9	52.7	-0.1	-0.2%
23.5%	52.8	52.7	-0.1	-0.2%
24.7%	52.7	52.7	0.0	-0.1%
25.9%	52.6	52.7	0.0	0.1%
27.2%	52.5	52.6	0.1	0.2%
28.4%	52.5	52.5	0.1	0.1%
29.6%	52.4	52.5	0.1	0.3%
30.9%	52.4	52.4	0.0	0.1%
32.1%	52.4	52.3	-0.1	-0.1%
33.3%	52.3	52.3	0.0	0.0%
34.6%	52.2	52.2	0.0	0.0%
35.8%	52.2	52.2	0.0	0.0%
37.0%	52.2	52.2	0.0	0.0%
38.3%	52.2	52.2	0.0	0.0%
39.5%	52.2	52.1	-0.1	-0.1%
40.7%	52.1	52.1	0.0	0.0%
42.0%	52.0	52.0	0.0	0.0%
43.2%	52.0	51.8	-0.2	-0.4%
44.4%	51.6	51.8	0.1	0.2%
45.7%	51.6	51.7	0.1	0.2%
46.9%	51.5	51.4	-0.1	-0.3%
48.1%	51.4	51.3	-0.1	-0.1%
49.4%	51.2	51.1	-0.1	-0.1%
50.6%	51.2	51.1	-0.1	-0.1%
51.9%	51.1	51.0	-0.2	-0.3%
53.1%	51.0	50.9	-0.1	-0.2%
54.3%	50.9	50.7	-0.1	-0.3%
55.6%	50.8	50.7	-0.1	-0.3%
56.8%	50.8	50.6	-0.2	-0.3%
58.0%	50.8	50.6	-0.2	-0.3%
59.3%	50.7	50.6	-0.1	-0.3%
60.5%	50.7	50.5	-0.1	-0.3%
61.7%	50.7	50.4	-0.2	-0.5%
63.0%	50.6	50.4	-0.2	-0.4%
64.2%	50.5	50.4	-0.1	-0.2%
65.4%	50.4	50.3	-0.1	-0.1%
66.7%	50.2	50.3	0.1	0.2%
67.9%	50.2	50.3	0.1	0.2%
69.1%	50.1	50.2	0.1	0.3%
70.4%	50.0	50.2	0.1	0.2%
71.6%	50.0	50.1	0.1	0.2%
72.8%	49.9	49.8	0.0	-0.1%
74.1%	49.8	49.7	0.0	-0.1%
75.3%	49.7	49.7	0.0	-0.1%
76.5%	49.7	49.7	0.0	-0.1%
77.8%	49.7	49.6	-0.1	-0.2%
79.0%	49.6	49.6	-0.1	-0.2%
80.2%	49.5	49.5	0.0	0.0%
81.5%	49.5	49.4	-0.1	-0.2%
82.7%	49.5	49.3	-0.2	-0.3%
84.0%	49.5	49.3	-0.2	-0.3%
85.2%	49.4	49.3	-0.1	-0.2%
86.4%	49.3	49.3	0.0	0.0%
87.7%	49.3	49.2	-0.1	-0.2%
88.9%	49.3	49.2	-0.1	-0.2%
90.1%	49.3	49.0	-0.2	-0.4%
91.4%	49.0	49.0	0.0	0.0%
92.6%	49.0	48.9	-0.1	-0.2%
93.8%	48.9	48.8	-0.1	-0.1%
95.1%	48.9	48.8	-0.1	-0.2%
96.3%	48.9	48.8	-0.1	-0.2%
97.5%	48.8	48.8	0.0	0.0%
98.8%	48.5	48.7	0.3	0.5%
100.0%	48.1	48.3	0.2	0.4%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	59.6	58.0	-1.6	-2.6%
1.2%	58.6	57.6	-1.0	-1.7%
2.5%	58.2	57.0	-1.2	-2.0%
3.7%	56.4	55.6	-0.8	-1.4%
4.9%	55.8	55.0	-0.7	-1.3%
6.2%	55.6	54.2	-1.4	-2.5%
7.4%	54.9	54.1	-0.8	-1.5%
8.6%	54.7	54.0	-0.7	-1.2%
9.9%	54.6	53.9	-0.7	-1.3%
11.1%	54.3	53.7	-0.6	-1.1%
12.3%	54.0	53.7	-0.3	-0.6%
13.6%	53.9	53.5	-0.3	-0.6%
14.8%	53.7	53.5	-0.2	-0.4%
16.0%	53.7	53.5	-0.2	-0.4%
17.3%	53.7	53.4	-0.2	-0.4%
18.5%	53.4	53.4	0.0	-0.1%
19.8%	53.4	53.3	-0.1	-0.3%
21.0%	53.3	53.3	-0.1	-0.1%
22.2%	53.2	53.1	0.0	-0.1%
23.5%	53.1	52.9	-0.2	-0.4%
24.7%	53.0	52.8	-0.1	-0.3%
25.9%	52.9	52.8	-0.1	-0.2%
27.2%	52.8	52.8	0.0	0.0%
28.4%	52.8	52.7	-0.1	-0.2%
29.6%	52.8	52.7	-0.1	-0.2%
30.9%	52.8	52.6	-0.1	-0.2%
32.1%	52.6	52.6	0.0	0.0%
33.3%	52.6	52.4	-0.1	-0.3%
34.6%	52.6	52.4	-0.2	-0.3%
35.8%	52.5	52.2	-0.3	-0.5%
37.0%	52.2	52.1	0.0	-0.1%
38.3%	52.0	52.1	0.0	0.1%
39.5%	51.9	51.9	0.0	0.0%
40.7%	51.9	51.8	0.0	-0.1%
42.0%	51.8	51.8	0.0	-0.1%
43.2%	51.8	51.7	-0.1	-0.1%
44.4%	51.8	51.7	-0.1	-0.2%
45.7%	51.7	51.6	-0.1	-0.2%
46.9%	51.7	51.5	-0.2	-0.3%
48.1%	51.6	51.4	-0.2	-0.4%
49.4%	51.4	51.3	-0.1	-0.2%
50.6%	51.3	51.3	0.0	0.1%
51.9%	51.3	51.3	0.0	0.1%
53.1%	51.2	51.2	0.0	0.0%
54.3%	51.2	51.2	0.0	0.0%
55.6%	51.2	51.2	0.0	0.1%
56.8%	51.1	51.2	0.1	0.1%
58.0%	51.1	51.1	0.1	0.1%
59.3%	51.1	51.0	0.0	-0.1%
60.5%	50.9	51.0	0.0	0.1%
61.7%	50.9	50.9	0.0	0.1%
63.0%	50.8	50.9	0.1	0.1%
64.2%	50.7	50.8	0.1	0.3%
65.4%	50.7	50.6	0.0	-0.1%
66.7%	50.6	50.6	0.0	0.0%
67.9%	50.6	50.5	0.0	0.0%
69.1%	50.4	50.5	0.1	0.1%
70.4%	50.4	50.4	0.0	-0.1%
71.6%	50.4	50.3	0.0	-0.1%
72.8%	50.4	50.3	-0.1	-0.1%
74.1%	50.3	50.3	-0.1	-0.2%
75.3%	50.3	50.2	0.0	-0.1%
76.5%	50.3	50.2	0.0	-0.1%
77.8%	50.1	50.2	0.1	0.2%
79.0%	50.1	50.2	0.1	0.2%
80.2%	50.1	50.2	0.1	0.2%
81.5%	50.0	50.2	0.1	0.3%
82.7%	50.0	50.0	0.0	0.1%
84.0%	49.9	50.0	0.1	0.2%
85.2%	49.9	49.9	0.0	0.0%
86.4%	49.9	49.9	0.0	0.0%
87.7%	49.8	49.9	0.0	0.1%
88.9%	49.8	49.8	0.0	0.0%
90.1%	49.7	49.7	0.0	0.0%
91.4%	49.7	49.6	-0.1	-0.1%
92.6%	49.7	49.6	-0.1	-0.2%
93.8%	49.6	49.5	-0.1	-0.2%
95.1%	49.6	49.5	-0.1	-0.1%
96.3%	49.5	49.4	-0.1	-0.2%
97.5%	49.4	49.3	-0.1	-0.1%
98.8%	49.2	49.1	-0.1	-0.1%
100.0%	48.9	48.8	-0.2	-0.4%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	61.2	59.2	-2.0	-3.3%
1.2%	59.6	57.5	-2.1	-3.6%
2.5%	59.3	57.5	-1.8	-3.1%
3.7%	56.8	56.9	0.1	0.2%
4.9%	56.8	55.3	-1.5	-2.6%
6.2%	56.7	54.9	-1.8	-3.2%
7.4%	56.0	54.7	-1.2	-2.2%
8.6%	55.9	54.5	-1.3	-2.4%
9.9%	54.7	54.3	-0.4	-0.8%
11.1%	54.7	54.3	-0.4	-0.7%
12.3%	54.6	54.2	-0.5	-0.9%
13.6%	54.2	54.1	-0.1	-0.2%
14.8%	54.1	53.9	-0.1	-0.3%
16.0%	53.9	53.9	-0.1	-0.1%
17.3%	53.9	53.9	0.0	0.0%
18.5%	53.9	53.8	0.0	-0.1%
19.8%	53.7	53.8	0.1	0.1%
21.0%	53.6	53.7	0.0	0.1%
22.2%	53.6	53.6	-0.1	-0.1%
23.5%	53.6	53.2	-0.4	-0.8%
24.7%	53.5	53.2	-0.3	-0.6%
25.9%	53.4	53.0	-0.4	-0.8%
27.2%	53.3	52.9	-0.4	-0.8%
28.4%	53.0	52.8	-0.2	-0.3%
29.6%	52.8	52.8	0.0	-0.1%
30.9%	52.7	52.6	-0.1	-0.2%
32.1%	52.7	52.5	-0.2	-0.3%
33.3%	52.5	52.5	0.0	0.1%
34.6%	52.4	52.5	0.1	0.2%
35.8%	52.3	52.4	0.0	0.1%
37.0%	52.3	52.2	-0.2	-0.3%
38.3%	52.3	52.1	-0.3	-0.5%
39.5%	52.0	51.9	-0.1	-0.2%
40.7%	51.9	51.8	-0.1	-0.2%
42.0%	51.9	51.7	-0.2	-0.4%
43.2%	51.8	51.6	-0.2	-0.4%
44.4%	51.7	51.5	-0.2	-0.5%
45.7%	51.7	51.4	-0.2	-0.5%
46.9%	51.7	51.4	-0.3	-0.5%
48.1%	51.6	51.4	-0.2	-0.4%
49.4%	51.5	51.3	-0.2	-0.4%
50.6%	51.5	51.2	-0.2	-0.5%
51.9%	51.3	51.1	-0.2	-0.4%
53.1%	51.3	51.0	-0.3	-0.6%
54.3%	51.3	51.0	-0.3	-0.6%
55.6%	51.1	50.9	-0.3	-0.5%
56.8%	51.1	50.8	-0.3	-0.5%
58.0%	50.7	50.8	0.1	0.2%
59.3%	50.6	50.7	0.1	0.1%
60.5%	50.6	50.6	0.1	0.1%
61.7%	50.5	50.6	0.0	0.1%
63.0%	50.5	50.5	0.0	0.0%
64.2%	50.5	50.4	-0.1	-0.2%
65.4%	50.5	50.4	-0.1	-0.2%
66.7%	50.5	50.3	-0.2	-0.4%
67.9%	50.4	50.2	-0.2	-0.4%
69.1%	50.4	50.2	-0.2	-0.4%
70.4%	50.3	50.1	-0.1	-0.2%
71.6%	50.2	50.1	-0.1	-0.2%
72.8%	50.1	50.1	0.0	0.0%
74.1%	50.1	50.1	0.0	0.0%
75.3%	50.0	50.0	0.1	0.1%
76.5%	50.0	50.0	0.0	0.0%
77.8%	50.0	49.9	-0.1	-0.1%
79.0%	50.0	49.8	-0.1	-0.3%
80.2%	49.9	49.8	-0.1	-0.3%
81.5%	49.9	49.8	-0.1	-0.2%
82.7%	49.9	49.8	-0.1	-0.2%
84.0%	49.8	49.8	0.0	0.0%
85.2%	49.7	49.6	-0.1	-0.2%
86.4%	49.7	49.6	-0.1	-0.3%
87.7%	49.7	49.5	-0.2	-0.3%
88.9%	49.7	49.5	-0.2	-0.3%
90.1%	49.6	49.5	-0.2	-0.4%
91.4%	49.6	49.4	-0.2	-0.3%
92.6%	49.6	49.4	-0.2	-0.4%
93.8%	49.4	49.3	-0.1	-0.1%
95.1%	49.3	49.3	0.0	0.0%
96.3%	49.3	49.2	-0.1	-0.1%
97.5%	49.3	49.0	-0.3	-0.5%
98.8%	49.2	49.0	-0.3	-0.5%
100.0%	49.0	48.7	-0.3	-0.5%

Figure SQ13-1b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

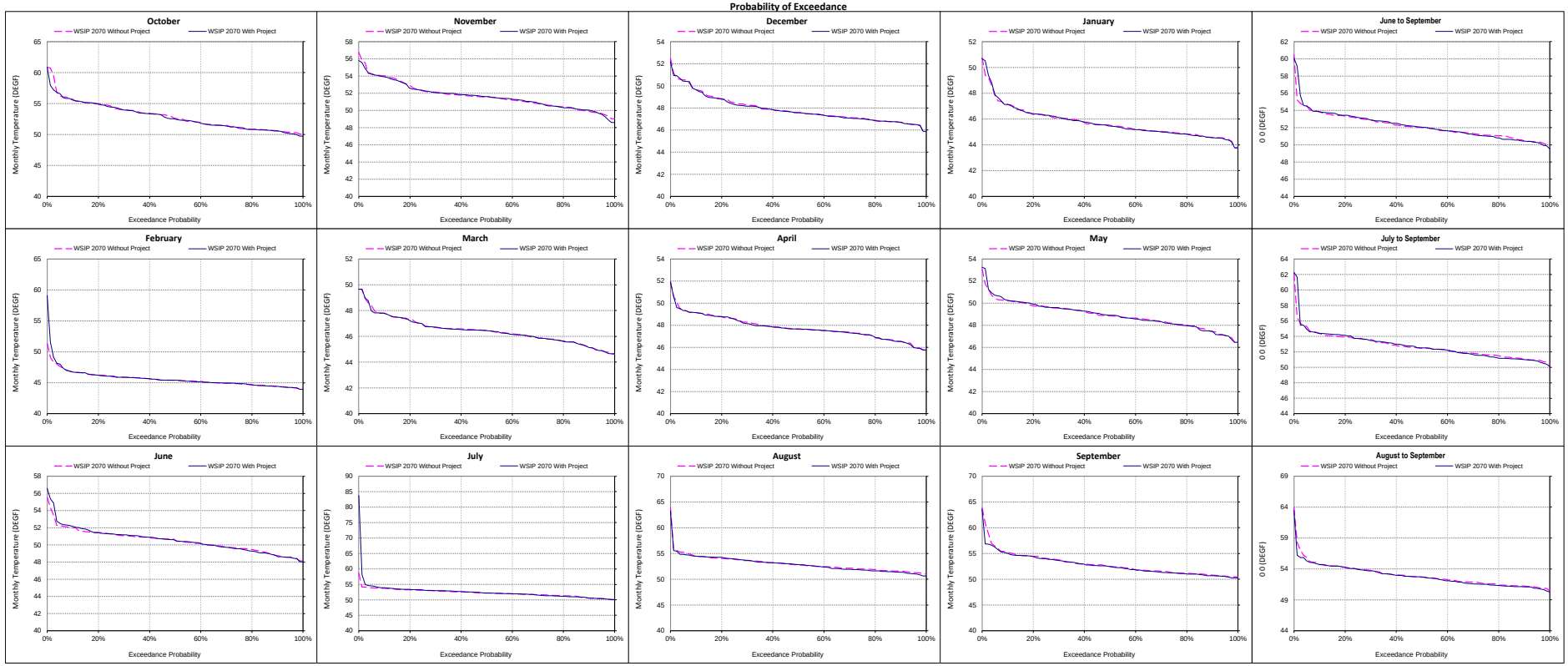


Table SQ13-1b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.9	60.9	0.0	0.0%
1.2%	60.7	58.0	-2.8	-4.6%
2.5%	59.4	57.2	-2.2	-3.7%
3.7%	56.8	56.8	0.0	0.1%
4.9%	56.2	56.6	0.4	0.7%
6.2%	56.1	56.0	-0.1	-0.2%
7.4%	56.1	55.8	-0.2	-0.4%
8.6%	55.8	55.8	0.0	0.0%
9.9%	55.7	55.5	-0.2	-0.3%
11.1%	55.4	55.4	0.0	0.1%
12.3%	55.3	55.4	0.1	0.1%
13.6%	55.3	55.3	0.0	0.0%
14.8%	55.1	55.2	0.1	0.1%
16.0%	55.1	55.2	0.1	0.1%
17.3%	55.1	55.1	0.1	0.1%
18.5%	55.0	55.1	0.1	0.1%
19.8%	55.0	54.9	-0.1	-0.1%
21.0%	54.9	54.8	-0.1	-0.3%
22.2%	54.8	54.8	-0.1	-0.1%
23.5%	54.7	54.5	-0.2	-0.4%
24.7%	54.6	54.5	-0.2	-0.3%
25.9%	54.2	54.4	0.2	0.4%
27.2%	54.2	54.3	0.2	0.3%
28.4%	54.0	54.1	0.1	0.2%
29.6%	54.0	54.0	-0.1	-0.1%
30.9%	54.0	53.9	0.0	-0.1%
32.1%	53.9	53.9	0.0	0.0%
33.3%	53.9	53.8	-0.1	-0.1%
34.6%	53.8	53.7	-0.2	-0.3%
35.8%	53.6	53.5	-0.1	-0.2%
37.0%	53.5	53.5	0.0	0.0%
38.3%	53.5	53.4	-0.1	-0.1%
39.5%	53.4	53.4	0.0	-0.1%
40.7%	53.4	53.3	0.0	-0.1%
42.0%	53.4	53.3	-0.1	-0.1%
43.2%	53.3	53.3	0.0	0.0%
44.4%	53.2	53.2	0.0	0.0%
45.7%	53.2	52.9	-0.3	-0.6%
46.9%	53.1	52.6	-0.5	-0.9%
48.1%	53.0	52.5	-0.4	-0.8%
49.4%	52.7	52.5	-0.2	-0.3%
50.6%	52.6	52.4	-0.2	-0.3%
51.9%	52.5	52.3	-0.1	-0.2%
53.1%	52.5	52.3	-0.1	-0.3%
54.3%	52.1	52.3	0.2	0.3%
55.6%	52.1	52.2	0.1	0.2%
56.8%	52.1	52.2	0.0	0.1%
58.0%	52.0	52.0	0.0	0.0%
59.3%	51.9	52.0	0.0	0.0%
60.5%	51.7	51.8	0.1	0.2%
61.7%	51.7	51.7	0.0	0.0%
63.0%	51.6	51.6	0.0	-0.1%
64.2%	51.6	51.5	-0.1	-0.2%
65.4%	51.5	51.5	0.0	0.0%
66.7%	51.5	51.5	0.0	0.0%
67.9%	51.5	51.5	0.0	0.0%
69.1%	51.5	51.4	0.0	-0.1%
70.4%	51.5	51.3	-0.1	-0.2%
71.6%	51.2	51.3	0.1	0.1%
72.8%	51.2	51.2	0.0	0.1%
74.1%	51.1	51.1	0.1	0.1%
75.3%	51.0	51.1	0.1	0.3%
76.5%	50.9	51.1	0.2	0.3%
77.8%	50.9	50.9	0.0	0.0%
79.0%	50.9	50.8	0.0	0.0%
80.2%	50.8	50.8	0.0	0.0%
81.5%	50.8	50.8	0.0	0.0%
82.7%	50.8	50.7	-0.1	-0.2%
84.0%	50.8	50.7	-0.1	-0.1%
85.2%	50.7	50.7	0.0	0.0%
86.4%	50.7	50.7	0.0	0.0%
87.7%	50.7	50.6	0.0	-0.1%
88.9%	50.6	50.6	-0.1	-0.1%
90.1%	50.6	50.5	-0.1	-0.1%
91.4%	50.5	50.5	0.0	0.0%
92.6%	50.5	50.3	-0.1	-0.3%
93.8%	50.4	50.2	-0.2	-0.3%
95.1%	50.4	50.1	-0.2	-0.5%
96.3%	50.3	50.1	-0.2	-0.4%
97.5%	50.3	50.0	-0.3	-0.7%
98.8%	50.1	49.7	-0.3	-0.7%
100.0%	50.1	49.7	0.0	-0.7%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.7	55.8	-0.9	-1.6%
1.2%	55.9	55.6	-0.3	-0.5%
2.5%	55.5	54.9	-0.7	-1.2%
3.7%	54.3	54.4	0.1	0.2%
4.9%	54.3	54.2	-0.1	-0.1%
6.2%	54.1	54.1	0.0	0.0%
7.4%	54.1	54.1	-0.1	-0.1%
8.6%	54.0	54.0	-0.1	-0.2%
9.9%	54.0	53.9	-0.1	-0.2%
11.1%	54.0	53.8	-0.1	-0.2%
12.3%	53.8	53.7	-0.1	-0.2%
13.6%	53.8	53.6	-0.2	-0.4%
14.8%	53.6	53.5	-0.1	-0.2%
16.0%	53.4	53.3	-0.1	-0.2%
17.3%	53.3	53.2	-0.1	-0.1%
18.5%	53.0	53.1	0.1	0.1%
19.8%	53.0	52.6	-0.4	-0.7%
21.0%	52.7	52.5	-0.2	-0.3%
22.2%	52.5	52.4	-0.1	-0.1%
23.5%	52.4	52.4	0.0	0.0%
24.7%	52.3	52.4	0.1	0.1%
25.9%	52.2	52.3	0.1	0.1%
27.2%	52.1	52.2	0.1	0.2%
28.4%	52.1	52.1	0.0	0.0%
29.6%	52.1	52.1	-0.1	-0.1%
30.9%	52.1	52.1	0.0	-0.1%
32.1%	52.1	52.1	0.0	0.0%
33.3%	52.0	52.0	0.0	0.1%
34.6%	51.9	52.0	0.1	0.2%
35.8%	51.9	52.0	0.1	0.2%
37.0%	51.9	52.0	0.1	0.2%
38.3%	51.8	51.9	0.1	0.1%
39.5%	51.8	51.9	0.1	0.2%
40.7%	51.8	51.8	0.1	0.1%
42.0%	51.7	51.8	0.1	0.3%
43.2%	51.7	51.8	0.1	0.2%
44.4%	51.7	51.8	0.1	0.2%
45.7%	51.6	51.7	0.1	0.2%
46.9%	51.6	51.7	0.1	0.2%
48.1%	51.6	51.6	0.1	0.1%
49.4%	51.6	51.6	0.1	0.1%
50.6%	51.6	51.6	0.1	0.1%
51.9%	51.5	51.5	0.0	-0.1%
53.1%	51.5	51.5	0.0	-0.1%
54.3%	51.5	51.5	0.0	0.0%
55.6%	51.4	51.4	0.0	0.0%
56.8%	51.3	51.4	0.1	0.1%
58.0%	51.2	51.4	0.1	0.3%
59.3%	51.2	51.4	0.1	0.2%
60.5%	51.2	51.3	0.1	0.2%
61.7%	51.2	51.3	0.1	0.2%
63.0%	51.1	51.2	0.1	0.3%
64.2%	51.1	51.2	0.1	0.2%
65.4%	51.0	51.1	0.1	0.1%
66.7%	50.9	51.0	0.1	0.2%
67.9%	50.9	51.0	0.1	0.2%
69.1%	50.8	51.0	0.2	0.3%
70.4%	50.8	50.8	0.0	0.0%
71.6%	50.8	50.8	0.0	0.0%
72.8%	50.7	50.6	-0.1	-0.2%
74.1%	50.6	50.5	-0.1	-0.1%
75.3%	50.6	50.5	-0.1	-0.1%
76.5%	50.5	50.5	0.0	-0.1%
77.8%	50.4	50.5	0.0	0.0%
79.0%	50.4	50.4	-0.1	-0.1%
80.2%	50.4	50.3	-0.1	-0.2%
81.5%	50.4	50.3	-0.1	-0.1%
82.7%	50.4	50.3	-0.1	-0.1%
84.0%	50.3	50.3	0.0	0.0%
85.2%	50.0	50.2	0.1	0.2%
86.4%	50.0	50.1	0.1	0.1%
87.7%	50.0	50.1	0.1	0.2%
88.9%	49.9	50.1	0.1	0.2%
90.1%	49.9	50.0	0.1	0.3%
91.4%	49.8	49.9	0.1	0.3%
92.6%	49.8	49.8	0.1	0.2%
93.8%	49.7	49.7	-0.1	-0.1%
95.1%	49.6	49.5	-0.1	-0.2%
96.3%	49.5	49.3	-0.2	-0.5%
97.5%	49.3	48.9	-0.4	-0.9%
98.8%	49.0	48.6	-0.4	-0.9%
100.0%	49.0	48.6	-0.4	-0.9%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.5	52.2	-0.3	-0.6%
1.2%	51.2	51.0	-0.2	-0.4%
2.5%	50.7	50.9	0.2	0.4%
3.7%	50.6	50.7	0.1	0.2%
4.9%	50.5	50.4	-0.1	-0.2%
6.2%	50.5	50.4	-0.1	-0.3%
7.4%	50.3	50.4	0.1	0.3%
8.6%	49.8	49.8	-0.1	-0.1%
9.9%	49.7	49.7	0.0	0.0%
11.1%	49.6	49.5	-0.1	-0.2%
12.3%	49.5	49.4	-0.1	-0.2%
13.6%	49.2	49.1	-0.1	-0.2%
14.8%	49.1	49.0	-0.1	-0.3%
16.0%	49.1	48.9	-0.1	-0.2%
17.3%	48.9	48.9	0.0	-0.1%
18.5%	48.9	48.8	-0.1	-0.2%
19.8%	48.8	48.8	0.0	0.1%
21.0%	48.8	48.8	0.0	0.0%
22.2%	48.8	48.6	-0.2	-0.4%
23.5%	48.6	48.4	-0.1	-0.3%
24.7%	48.5	48.3	-0.2	-0.3%
25.9%	48.4	48.3	-0.1	-0.3%
27.2%	48.4	48.2	-0.1	-0.2%
28.4%	48.4	48.2	-0.1	-0.3%
29.6%	48.3	48.2	-0.1	-0.2%
30.9%	48.2	48.2	-0.1	-0.1%
32.1%	48.2	48.2	-0.1	-0.2%
33.3%	48.2	48.1	-0.1	-0.1%
34.6%	48.0	48.1	0.0	0.1%
35.8%	47.9	48.0	0.1	0.2%
37.0%	47.9	48.0	0.1	0.1%
38.3%	47.9	47.9	0.0	0.0%
39.5%	47.9	47.9	0.0	0.0%
40.7%	47.8	47.8	0.0	0.0%
42.0%	47.8	47.8	0.0	0.0%
43.2%	47.8	47.7	0.0	-0.1%
44.4%	47.7	47.7	0.0	-0.1%
45.7%	47.7	47.7	0.0	-0.1%
46.9%	47.7	47.7	0.0	0.0%
48.1%	47.6	47.6	0.0	0.1%
49.4%	47.6	47.6	0.0	0.0%
50.6%	47.6	47.6	0.0	0.0%
51.9%	47.5	47.5	0.0	0.1%
53.1%	47.5	47.5	0.0	0.0%
54.3%	47.5	47.4	0.0	-0.1%
55.6%	47.5	47.4	0.0	0.0%
56.8%	47.5	47.4	0.0	-0.1%
58.0%	47.5	47.4	-0.1	-0.1%
59.3%	47.4	47.4	0.0	0.0%
60.5%	47.3	47.3	0.0	-0.1%
61.7%	47.3	47.2	-0.1	-0.1%
63.0%	47.3	47.2	-0.1	-0.1%
64.2%	47.3	47.2	0.0	-0.1%
65.4%	47.2	47.2	0.0	-0.1%
66.7%	47.2	47.2	0.0	-0.1%
67.9%	47.2	47.1	-0.1	-0.2%
69.1%	47.1	47.1	0.0	-0.1%
70.4%	47.1	47.1	0.0	-0.1%
71.6%	47.1	47.1	-0.1	-0.1%
72.8%	47.1	47.0	-0.1	-0.1%
74.1%	47.1	47.0	0.0	-0.1%
75.3%	47.1	47.0	-0.1	-0.2%
76.5%	47.0	47.0	0.0	0.0%
77.8%	47.0	46.9	-0.1	-0.1%
79.0%	46.9	46.9	0.0	0.0%
80.2%	46.9	46.8	0.0	-0.1%
81.5%	46.8	46.8	0.0	0.0%
82.7%	46.8	46.8	0.0	0.0%
84.0%	46.8	46.8	0.0	0.0%
85.2%	46.8	46.8	0.0	0.0%
86.4%	46.8	46.8	0.0	0.0%
87.7%	46.8	46.8	0.0	0.0%
88.9%	46.7	46.7	0.0	0.0%
90.1%	46.7	46.7	0.0	0.1%
91.4%	46.7	46.6	-0.1	-0.1%
92.6%	46.6	46.6	0.0	0.0%
93.8%	46.5	46.6	0.0	0.1%
95.1%	46.5	46.5	0.0	0.1%
96.3%	46.5	46.5	0.0	0.1%
97.5%	46.4	46.4	0.0	0.0%
98.8%	45.9	45.9	0.0	0.0%
100.0%	45.9	45.9	0.0	0.0%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	50.8	50.7	-0.1	-0.1%
1.2%	49.4	50.5	1.1	2.3%
2.5%	49.2	49.4	0.2	0.4%
3.7%	48.6	48.8	0.2	0.4%
4.9%	47.9	47.9	0.0	0.0%
6.2%	47.4	47.7	0.3	0.6%
7.4%	47.4	47.4	0.1	0.2%
8.6%	47.2	47.1	-0.1	-0.1%
9.9%	47.2	47.1	0.0	-0.1%
11.1%	47.0	47.1	0.1	0.2%
12.3%	47.0	46.9	-0.1	-0.2%
13.6%	46.7	46.8	0.1	0.2%
14.8%	46.7	46.7	0.0	-0.1%
16.0%	46.7	46.6	-0.1	-0.2%
17.3%	46.5	46.5	0.0	0.0%
18.5%	46.5	46.5	0.0	-0.1%
19.8%	46.4	46.4	0.1	0.1%
21.0%	46.4	46.4	0.0	0.1%
22.2%	46.4	46.4	0.0	0.0%
23.5%	46.3	46.4	0.0	0.1%
24.7%	46.3	46.3	0.0	0.0%
25.9%	46.3	46.3	0.0	0.0%
27.2%	46.2	46.2	0.1	0.1%
28.4%	46.1	46.2	0.1	0.3%
29.6%	46.1	46.1	0.1	0.1%
30.9%	46.1	46.1	0.0	0.1%
32.1%	46.0	46.0	0.0	-0.1%
33.3%	46.0	46.0	-0.1	-0.2%
34.6%	46.0	45.9	0.0	-0.1%
35.8%	46.0	45.9	-0.1	-0.2%
37.0%	45.9	45.9	0.0	-0.1%
38.3%	45.9	45.9	0.0	0.0%
39.5%	45.8	45.8	0.0	0.0%
40.7%	45.6	45.8	0.1	0.3%
42.0%	45.6	45.7	0.1	0.2%
43.2%	45.6	45.6	0.0	0.1%
44.4%	45.6	45.6	0.0	-0.1%
45.7%	45.6	45.6	0.0	-0.1%
46.9%	45.6	45.5	0.0	-0.1%
48.1%	45.5	45.5	0.0	0.0%
49.4%	45.5	45.5	-0.1	-0.2%
50.6%	45.5	45.4	0.0	-0.1%
51.9%	45.4	45.4	0.0	0.0%
53.1%	45.4	45.4	-0.1	-0.1%
54.3%	45.4	45.3	-0.1	-0.1%
55.6%	45.4	45.3	-0.1	-0.2%
56.8%	45.3	45.2	-0.1	-0.2%
58.0%	45.3	45.2	-0.1	-0.1%
59.3%	45.2	45.2	0.0	0.0%
60.5%	45.2	45.2	0.0	-0.1%
61.7%	45.2	45.2	0.0	0.0%
63.0%	45.2	45.1	0.0	-0.1%
64.2%	45.2	45.1	-0.1	-0.1%
65.4%	45.1	45.1	0.0	-0.1%
66.7%	45.1	45.1	0.0	0.0%
67.9%	45.1	45.0	0.0	0.0%
69.1%	45.0	45.0	0.0	0.0%
70.4%	45.0	45.0	0.0	-0.1%
71.6%	45.0	45.0	0.0	0.0%
72.8%	45.0	45.0	-0.1	-0.1%
74.1%	45.0	44.9	-0.1	-0.2%
75.3%	44.9	44.9	-0.1	-0.1%
76.5%	44.9	44.9	-0.1	-0.1%
77.8%	44.9	44.8	0.0	-0.1%
79.0%	44.9	44.8	0.0	0.0%
80.2%	44.8	44.8	0.0	-0.1%
81.5%	44.8	44.8	0.0	-0.1%
82.7%	44.8	44.7	-0.1	-0.2%
84.0%	44.8	44.7	-0.1	-0.1%
85.2%	44.7	44.7	0.0	0.1%
86.4%	44.6	44.7	0.0	0.1%
87.7%	44.6	44.6	0.0	0.0%
88.9%	44.6	44.6	0.0	0.0%
90.1%	44.6	44.5	0.0	-0.1%
91.4%	44.6	44.5	0.0	-0.1%
92.6%	44.5	44.5	0.0	0.0%
93.8%	44.5	44.5	0.0	-0.1%
95.1%	44.5	44.4	-0.1	-0.2%
96.3%	44.4	44.4	0.0	-0.1%
97.5%	44.3	44.2	0.0	-0.1%
98.8%	43.8	43.8	0.0	0.0%
100.0%	43.8	43.8	0.0	0.0%

Table SQ13-1b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	51.3	59.1	7.7	15.1%
1.2%	49.1	51.6	2.5	5.2%
2.5%	48.3	49.1	0.8	1.6%
3.7%	48.0	48.2	0.1	0.3%
4.9%	47.6	48.0	0.4	0.8%
6.2%	47.3	47.4	0.0	0.1%
7.4%	47.1	47.0	-0.1	-0.2%
8.6%	46.9	46.9	0.0	0.0%
9.9%	46.7	46.8	0.0	0.1%
11.1%	46.7	46.7	0.0	-0.1%
12.3%	46.6	46.7	0.0	0.0%
13.6%	46.6	46.6	0.0	0.1%
14.8%	46.6	46.6	0.0	0.1%
16.0%	46.4	46.4	0.0	-0.1%
17.3%	46.3	46.3	0.0	0.0%
18.5%	46.3	46.3	0.0	0.1%
19.8%	46.2	46.2	0.0	0.0%
21.0%	46.2	46.1	-0.1	-0.2%
22.2%	46.2	46.1	-0.1	-0.2%
23.5%	46.1	46.1	-0.1	-0.1%
24.7%	46.1	46.1	0.0	-0.1%
25.9%	46.1	46.0	-0.1	-0.3%
27.2%	45.9	45.9	0.0	0.0%
28.4%	45.9	45.9	0.0	0.0%
29.6%	45.9	45.9	0.0	0.0%
30.9%	45.9	45.9	0.0	0.0%
32.1%	45.9	45.9	0.0	0.0%
33.3%	45.9	45.8	0.0	0.0%
34.6%	45.8	45.8	0.0	0.0%
35.8%	45.8	45.8	0.0	0.0%
37.0%	45.7	45.7	0.0	0.0%
38.3%	45.7	45.7	0.0	0.1%
39.5%	45.7	45.7	0.0	0.0%
40.7%	45.6	45.6	0.0	0.0%
42.0%	45.6	45.6	0.0	0.0%
43.2%	45.5	45.6	0.1	0.2%
44.4%	45.4	45.4	0.0	0.0%
45.7%	45.4	45.4	0.0	0.0%
46.9%	45.4	45.4	0.0	0.0%
48.1%	45.4	45.4	0.0	0.0%
49.4%	45.4	45.4	0.0	0.0%
50.6%	45.4	45.4	0.0	0.0%
51.9%	45.4	45.4	0.0	0.1%
53.1%	45.3	45.3	-0.1	-0.1%
54.3%	45.3	45.3	-0.1	-0.1%
55.6%	45.3	45.2	-0.1	-0.2%
56.8%	45.3	45.2	-0.1	-0.2%
58.0%	45.3	45.2	-0.1	-0.2%
59.3%	45.2	45.2	-0.1	-0.2%
60.5%	45.2	45.1	-0.1	-0.2%
61.7%	45.1	45.1	0.0	0.0%
63.0%	45.1	45.1	0.0	0.0%
64.2%	45.0	45.0	0.0	0.0%
65.4%	45.0	45.0	0.0	0.0%
66.7%	45.0	45.0	0.0	0.0%
67.9%	45.0	45.0	0.0	0.0%
69.1%	45.0	45.0	0.0	0.0%
70.4%	45.0	45.0	0.0	0.0%
71.6%	44.9	44.9	0.0	0.0%
72.8%	44.9	44.9	0.1	0.1%
74.1%	44.9	44.9	0.0	0.1%
75.3%	44.9	44.9	0.0	0.0%
76.5%	44.8	44.8	0.0	0.1%
77.8%	44.7	44.8	0.1	0.2%
79.0%	44.7	44.7	0.0	0.0%
80.2%	44.6	44.7	0.1	0.2%
81.5%	44.6	44.6	0.0	0.1%
82.7%	44.6	44.6	0.0	0.0%
84.0%	44.6	44.5	0.0	-0.1%
85.2%	44.6	44.5	-0.1	-0.2%
86.4%	44.5	44.5	0.0	0.0%
87.7%	44.5	44.5	0.0	0.0%
88.9%	44.4	44.4	0.0	-0.1%
90.1%	44.4	44.4	0.0	0.0%
91.4%	44.3	44.3	0.0	0.0%
92.6%	44.3	44.3	0.0	-0.1%
93.8%	44.3	44.2	0.0	-0.1%
95.1%	44.3	44.2	0.0	-0.1%
96.3%	44.2	44.2	0.0	0.1%
97.5%	44.2	44.2	0.0	0.0%
98.8%	44.0	43.9	0.0	0.0%
100.0%	44.0	43.9	0.0	0.0%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	49.6	49.7	0.0	0.0%
1.2%	49.6	49.7	0.0	0.0%
2.5%	48.9	49.0	0.0	0.1%
3.7%	48.6	48.8	0.2	0.4%
4.9%	48.4	48.0	-0.4	-0.8%
6.2%	48.0	47.8	-0.2	-0.3%
7.4%	47.8	47.8	0.0	0.0%
8.6%	47.8	47.8	0.0	0.0%
9.9%	47.8	47.8	0.0	0.0%
11.1%	47.7	47.7	0.0	0.1%
12.3%	47.6	47.6	0.0	0.0%
13.6%	47.5	47.5	0.0	0.0%
14.8%	47.5	47.5	0.0	0.0%
16.0%	47.4	47.5	0.0	0.1%
17.3%	47.4	47.4	0.0	0.1%
18.5%	47.3	47.4	0.1	0.1%
19.8%	47.3	47.2	-0.1	-0.2%
21.0%	47.3	47.1	-0.2	-0.4%
22.2%	47.1	47.1	0.0	-0.1%
23.5%	47.0	47.0	0.0	0.1%
24.7%	47.0	47.0	0.0	0.1%
25.9%	46.8	46.8	0.0	-0.1%
27.2%	46.8	46.7	0.0	0.0%
28.4%	46.7	46.7	0.0	0.0%
29.6%	46.7	46.7	0.0	0.1%
30.9%	46.7	46.7	0.0	0.1%
32.1%	46.6	46.6	0.0	0.0%
33.3%	46.6	46.6	0.0	0.0%
34.6%	46.6	46.6	0.0	0.0%
35.8%	46.6	46.6	0.0	-0.1%
37.0%	46.6	46.6	0.0	-0.1%
38.3%	46.6	46.6	0.0	-0.1%
39.5%	46.6	46.5	-0.1	-0.1%
40.7%	46.6	46.5	0.0	-0.1%
42.0%	46.5	46.5	0.0	-0.1%
43.2%	46.5	46.5	0.0	-0.1%
44.4%	46.5	46.5	0.0	-0.1%
45.7%	46.5	46.5	0.0	0.0%
46.9%	46.5	46.5	0.0	0.0%
48.1%	46.5	46.5	0.0	0.0%
49.4%	46.5	46.4	0.0	-0.1%
50.6%	46.4	46.4	0.0	0.0%
51.9%	46.4	46.4	0.0	0.0%
53.1%	46.3	46.4	0.0	0.1%
54.3%	46.3	46.4	0.0	0.1%
55.6%	46.3	46.3	0.0	-0.1%
56.8%	46.3	46.3	0.0	-0.1%
58.0%	46.2	46.2	0.0	0.0%
59.3%	46.2	46.2	-0.1	-0.1%
60.5%	46.2	46.1	-0.1	-0.1%
61.7%	46.2	46.1	0.0	-0.1%
63.0%	46.1	46.1	0.0	0.0%
64.2%	46.1	46.1	0.0	0.0%
65.4%	46.1	46.1	0.0	0.0%
66.7%	46.0	46.0	0.0	0.1%
67.9%	45.9	46.0	0.1	0.1%
69.1%	45.9	45.9	0.0	0.0%
70.4%	45.9	45.9	0.0	0.0%
71.6%	45.9	45.9	0.0	0.0%
72.8%	45.8	45.8	0.0	0.0%
74.1%	45.8	45.8	0.0	0.0%
75.3%	45.8	45.8	0.0	-0.1%
76.5%	45.8	45.7	-0.1	-0.1%
77.8%	45.7	45.7	0.0	0.0%
79.0%	45.7	45.7	0.0	0.0%
80.2%	45.6	45.6	-0.1	-0.1%
81.5%	45.6	45.6	0.0	0.0%
82.7%	45.6	45.6	0.0	0.0%
84.0%	45.6	45.6	0.0	0.0%
85.2%	45.5	45.5	0.0	0.0%
86.4%	45.4	45.4	0.0	-0.1%
87.7%	45.3	45.3	0.0	0.0%
88.9%	45.2	45.2	0.0	0.0%
90.1%	45.1	45.1	0.0	0.0%
91.4%	45.1	45.1	0.0	0.0%
92.6%	45.0	45.0	0.0	0.0%
93.8%	44.9	44.9	0.0	0.0%
95.1%	44.9	44.9	0.0	0.0%
96.3%	44.8	44.8	0.0	0.0%
97.5%	44.8	44.7	-0.1	-0.2%
98.8%	44.6	44.7	0.0	0.1%
100.0%	44.6	44.7	0.0	0.1%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	51.9	51.9	0.0	0.0%
1.2%	50.6	50.6	0.0	0.0%
2.5%	50.1	49.6	-0.5	-1.1%
3.7%	49.5	49.5	0.1	0.1%
4.9%	49.4	49.3	-0.1	-0.2%
6.2%	49.3	49.3	0.0	0.0%
7.4%	49.2	49.2	0.0	0.0%
8.6%	49.2	49.2	0.0	0.0%
9.9%	49.2	49.1	0.0	-0.1%
11.1%	49.1	49.1	0.0	0.0%
12.3%	49.1	49.1	0.0	0.0%
13.6%	49.0	48.9	-0.1	-0.2%
14.8%	49.0	48.9	-0.1	-0.2%
16.0%	48.9	48.9	0.0	0.0%
17.3%	48.9	48.8	0.0	-0.1%
18.5%	48.8	48.8	0.0	0.0%
19.8%	48.8	48.8	0.0	0.0%
21.0%	48.7	48.8	0.1	0.1%
22.2%	48.6	48.8	0.1	0.2%
23.5%	48.6	48.7	0.0	0.1%
24.7%	48.6	48.6	0.0	0.0%
25.9%	48.5	48.4	-0.1	-0.2%
27.2%	48.4	48.4	0.0	-0.1%
28.4%	48.3	48.2	-0.1	-0.2%
29.6%	48.3	48.1	-0.1	-0.3%
30.9%	48.2	48.1	-0.1	-0.2%
32.1%	48.2	48.0	-0.1	-0.3%
33.3%	48.1	48.0	-0.2	-0.3%
34.6%	48.0	48.0	-0.1	-0.1%
35.8%	48.0	48.0	0.0	0.0%
37.0%	47.9	47.9	0.0	0.0%
38.3%	47.9	47.9	0.0	0.0%
39.5%	47.9	47.9	-0.1	-0.1%
40.7%	47.9	47.8	0.0	-0.1%
42.0%	47.9	47.8	0.0	-0.1%
43.2%	47.8	47.8	0.0	0.0%
44.4%	47.8	47.8	0.0	-0.1%
45.7%	47.7	47.7	0.0	-0.1%
46.9%	47.7	47.7	0.0	-0.1%
48.1%	47.7	47.7	0.0	0.0%
49.4%	47.6	47.7	0.0	0.0%
50.6%	47.6	47.7	0.0	0.1%
51.9%	47.6	47.7	0.0	0.1%
53.1%	47.6	47.6	0.0	0.0%
54.3%	47.6	47.6	0.0	0.0%
55.6%	47.6	47.6	0.0	-0.1%
56.8%	47.6	47.6	0.0	-0.1%
58.0%	47.6	47.6	0.0	0.0%
59.3%	47.5	47.5	0.0	0.0%
60.5%	47.5	47.5	0.0	0.0%
61.7%	47.5	47.5	0.0	0.0%
63.0%	47.5	47.5	0.0	0.0%
64.2%	47.4	47.4	0.0	0.0%
65.4%	47.4	47.4	0.0	0.0%
66.7%	47.4	47.4	0.0	-0.1%
67.9%	47.4	47.4	0.0	-0.1%
69.1%	47.4	47.3	-0.1	-0.1%
70.4%	47.4	47.3	-0.1	-0.2%
71.6%	47.3	47.3	0.0	0.0%
72.8%	47.3	47.3	0.0	0.0%
74.1%	47.3	47.2	-0.1	-0.1%
75.3%	47.2	47.2	0.0	0.0%
76.5%	47.2	47.1	0.0	0.0%
77.8%	47.1	47.1	0.0	0.0%
79.0%	47.0	47.0	0.0	0.0%
80.2%	46.9	46.9	0.0	0.1%
81.5%	46.8	46.9	0.1	0.1%
82.7%	46.7	46.7	0.0	0.0%
84.0%	46.7	46.7	0.0	0.0%
85.2%	46.7	46.7	0.0	0.0%
86.4%	46.7	46.6	-0.1	-0.1%
87.7%	46.6	46.6	-0.1	-0.1%
88.9%	46.6	46.5	0.0	0.0%
90.1%	46.5	46.5	0.0	0.0%
91.4%	46.4	46.5	0.0	0.0%
92.6%	46.4	46.4	0.0	-0.1%
93.8%	46.4	46.2	-0.2	-0.3%
95.1%	46.0	46.0	-0.1	-0.1%
96.3%	46.0	45.9	0.0	-0.1%
97.5%	45.9	45.9	0.0	-0.1%
98.8%	45.8	45.8	0.0	0.0%
100.0%	45.8	45.8	0.0	0.0%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.1	53.3	0.2	0.3%
1.2%	51.7	53.1	1.4	2.8%
2.5%	51.2	51.3	0.0	0.0%
3.7%	50.7	50.9	0.2	0.4%
4.9%	50.5	50.7	0.3	0.5%
6.2%	50.3	50.7	0.3	0.7%
7.4%	50.3	50.6	0.3	0.6%
8.6%	50.3	50.4	0.1	0.2%
9.9%	50.2	50.3	0.0	0.1%
11.1%	50.2	50.2	0.0	0.0%
12.3%	50.2	50.2	0.0	0.1%
13.6%	50.1	50.2	0.1	0.2%
14.8%	50.1	50.1	0.1	0.1%
16.0%	50.0	50.1	0.1	0.1%
17.3%	49.9	50.0	0.1	0.2%
18.5%	49.9	50.0	0.1	0.3%
19.8%	49.8	49.9	0.2	0.3%
21.0%	49.7	49.9	0.2	0.3%
22.2%	49.7	49.7	0.0	0.0%
23.5%	49.7	49.7	0.0	0.0%
24.7%	49.7	49.6	-0.1	-0.1%
25.9%	49.7	49.6	0.0	-0.1%
27.2%	49.6	49.6	0.0	0.1%
28.4%	49.6	49.6	0.0	0.1%
29.6%	49.6	49.6	0.0	0.1%
30.9%	49.5	49.5	0.0	-0.1%
32.1%	49.5	49.5	0.0	-0.1%
33.3%	49.5	49.5	0.0	0.0%
34.6%	49.4	49.5	0.0	0.0%
35.8%	49.4	49.4	0.0	-0.1%
37.0%	49.3	49.4	0.0	0.0%
38.3%	49.3	49.3	0.0	0.0%
39.5%	49.3	49.3	0.0	0.0%
40.7%	49.2	49.3	0.1	0.2%
42.0%	49.1	49.2	0.1	0.3%
43.2%	49.1	49.2	0.1	0.2%
44.4%	49.1	49.1	0.1	0.1%
45.7%	48.9	49.1	0.2	0.3%
46.9%	48.9	49.0	0.1	0.2%
48.1%	48.9	49.0	0.1	0.2%
49.4%	48.9	48.9	0.0	0.1%
50.6%	48.8	48.9	0.1	0.1%
51.9%	48.8	48.9	0.1	0.1%
53.1%	48.8	48.9	0.0	0.1%
54.3%	48.8	48.7	0.0	-0.1%
55.6%	48.7	48.7	0.0	-0.1%
56.8%	48.7	48.7	0.0	-0.1%
58.0%	48.7	48.6	0.0	0.0%
59.3%	48.7	48.6	-0.1	-0.1%
60.5%	48.6	48.6	-0.1	-0.2%
61.7%	48.6	48.5	-0.1	-0.2%
63.0%	48.6	48.5	-0.1	-0.2%
64.2%	48.5	48.4	-0.1	-0.2%
65.4%	48.5	48.4	-0.1	-0.2%
66.7%	48.5	48.4	0.0	-0.1%
67.9%	48.4	48.4	0.0	-0.1%
69.1%	48.4	48.4	0.0	0.0%
70.4%	48.3	48.3	0.0	0.0%
71.6%	48.3	48.2	-0.1	-0.2%
72.8%	48.2	48.2	0.0	-0.1%
74.1%	48.2	48.1	-0.1	-0.2%
75.3%	48.1	48.1	0.0	0.0%
76.5%	48.1	48.1	0.0	0.0%
77.8%	48.1	48.0	-0.1	-0.1%
79.0%	48.1	48.0	-0.1	-0.2%
80.2%	48.0	48.0	0.0	-0.1%
81.5%	47.9	47.9	0.0	0.0%
82.7%	47.9	47.9	0.0	0.1%
84.0%	47.8	47.8	0.0	0.0%
85.2%	47.7	47.6	-0.1	-0.3%
86.4%	47.7	47.5	-0.2	-0.4%
87.7%	47.6	47.5	-0.1	-0.2%
88.9%	47.5	47.5	0.0	0.0%
90.1%	47.4	47.5	0.1	0.1%
91.4%	47.4	47.2	-0.2	-0.5%
92.6%	47.2	47.2	0.0	-0.1%
93.8%	47.2	47.1	0.0	-0.1%
95.1%	47.1	47.1	0.0	0.0%
96.3%	47.0	47.0	0.0	0.1%
97.5%	46.9	46.7	-0.1	-0.3%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.5	46.5	0.0	0.0%

Table SQ13-1b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	55.5	56.6	1.1	1.9%
1.2%	54.3	55.4	1.1	2.0%
2.5%	53.5	54.9	1.4	2.7%
3.7%	52.3	52.8	0.5	1.0%
4.9%	52.3	52.5	0.3	0.5%
6.2%	52.2	52.3	0.2	0.3%
7.4%	52.1	52.3	0.2	0.4%
8.6%	52.0	52.3	0.2	0.5%
9.9%	52.0	52.2	0.2	0.3%
11.1%	52.0	52.1	0.1	0.1%
12.3%	51.6	52.0	0.4	0.7%
13.6%	51.6	51.9	0.3	0.5%
14.8%	51.5	51.9	0.3	0.6%
16.0%	51.5	51.7	0.2	0.4%
17.3%	51.5	51.6	0.1	0.2%
18.5%	51.5	51.4	0.0	-0.1%
19.8%	51.5	51.4	0.0	-0.1%
21.0%	51.4	51.4	-0.1	-0.1%
22.2%	51.4	51.3	0.0	-0.1%
23.5%	51.3	51.3	0.0	-0.1%
24.7%	51.3	51.3	0.0	0.1%
25.9%	51.3	51.3	0.0	0.0%
27.2%	51.2	51.2	0.1	0.1%
28.4%	51.1	51.2	0.1	0.2%
29.6%	51.1	51.2	0.1	0.2%
30.9%	51.1	51.2	0.1	0.2%
32.1%	51.0	51.1	0.1	0.2%
33.3%	51.0	51.1	0.1	0.1%
34.6%	50.9	51.1	0.1	0.3%
35.8%	50.9	51.1	0.1	0.3%
37.0%	50.9	51.0	0.1	0.1%
38.3%	50.9	50.9	0.0	0.1%
39.5%	50.9	50.9	0.1	0.1%
40.7%	50.8	50.9	0.1	0.2%
42.0%	50.8	50.8	0.0	0.1%
43.2%	50.7	50.7	0.0	0.0%
44.4%	50.7	50.7	0.0	0.0%
45.7%	50.7	50.7	-0.1	-0.1%
46.9%	50.7	50.7	0.0	-0.1%
48.1%	50.7	50.6	-0.1	-0.1%
49.4%	50.7	50.6	-0.1	-0.1%
50.6%	50.4	50.5	0.0	0.1%
51.9%	50.4	50.4	0.0	0.0%
53.1%	50.4	50.4	0.0	0.1%
54.3%	50.3	50.4	0.1	0.2%
55.6%	50.3	50.4	0.1	0.2%
56.8%	50.3	50.3	0.0	0.0%
58.0%	50.2	50.3	0.1	0.2%
59.3%	50.2	50.2	0.0	0.1%
60.5%	50.2	50.1	-0.1	-0.2%
61.7%	50.1	50.1	0.0	0.0%
63.0%	50.0	50.0	0.0	0.0%
64.2%	49.9	50.0	0.0	0.1%
65.4%	49.9	50.0	0.0	0.1%
66.7%	49.9	49.8	-0.1	-0.2%
67.9%	49.9	49.8	-0.1	-0.2%
69.1%	49.8	49.8	0.0	-0.1%
70.4%	49.7	49.7	0.0	0.0%
71.6%	49.7	49.7	0.0	0.0%
72.8%	49.7	49.6	-0.1	-0.2%
74.1%	49.7	49.6	-0.1	-0.2%
75.3%	49.6	49.5	0.0	-0.1%
76.5%	49.6	49.5	-0.1	-0.2%
77.8%	49.6	49.4	-0.2	-0.3%
79.0%	49.5	49.3	-0.2	-0.3%
80.2%	49.5	49.3	-0.2	-0.4%
81.5%	49.4	49.2	-0.1	-0.3%
82.7%	49.3	49.1	-0.2	-0.4%
84.0%	49.2	49.0	-0.2	-0.3%
85.2%	49.2	49.0	-0.1	-0.2%
86.4%	49.0	49.0	-0.1	-0.1%
87.7%	49.0	48.9	-0.1	-0.1%
88.9%	48.8	48.8	0.0	0.0%
90.1%	48.7	48.6	-0.1	-0.2%
91.4%	48.7	48.6	0.0	-0.1%
92.6%	48.6	48.6	0.0	0.0%
93.8%	48.6	48.6	0.0	0.0%
95.1%	48.6	48.6	0.0	0.0%
96.3%	48.4	48.4	0.0	0.0%
97.5%	48.4	48.4	0.0	0.0%
98.8%	48.1	48.0	-0.1	-0.2%
100.0%	48.1	48.0	-0.1	-0.2%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	58.7	83.8	25.1	42.8%
1.2%	54.2	58.1	4.0	7.3%
2.5%	54.1	55.0	0.9	1.6%
3.7%	54.0	54.7	0.7	1.2%
4.9%	53.9	54.6	0.7	1.2%
6.2%	53.8	54.3	0.5	0.9%
7.4%	53.8	54.1	0.3	0.6%
8.6%	53.7	53.9	0.2	0.4%
9.9%	53.7	53.9	0.2	0.4%
11.1%	53.7	53.8	0.2	0.3%
12.3%	53.6	53.8	0.2	0.4%
13.6%	53.5	53.7	0.1	0.2%
14.8%	53.4	53.5	0.1	0.2%
16.0%	53.3	53.5	0.2	0.3%
17.3%	53.3	53.4	0.2	0.3%
18.5%	53.3	53.4	0.2	0.3%
19.8%	53.2	53.4	0.2	0.3%
21.0%	53.2	53.4	0.2	0.3%
22.2%	53.1	53.4	0.2	0.4%
23.5%	53.1	53.3	0.2	0.4%
24.7%	53.1	53.2	0.1	0.3%
25.9%	53.0	53.1	0.1	0.1%
27.2%	53.0	53.1	0.0	0.1%
28.4%	53.0	53.0	0.1	0.1%
29.6%	52.9	53.0	0.1	0.2%
30.9%	52.8	53.0	0.2	0.4%
32.1%	52.8	53.0	0.2	0.3%
33.3%	52.8	53.0	0.2	0.4%
34.6%	52.8	52.9	0.1	0.3%
35.8%	52.7	52.9	0.2	0.4%
37.0%	52.6	52.8	0.2	0.3%
38.3%	52.6	52.7	0.1	0.2%
39.5%	52.6	52.7	0.1	0.2%
40.7%	52.6	52.6	0.0	0.1%
42.0%	52.6	52.6	0.0	0.0%
43.2%	52.5	52.6	0.0	0.1%
44.4%	52.4	52.5	0.1	0.2%
45.7%	52.3	52.5	0.2	0.4%
46.9%	52.2	52.5	0.2	0.4%
48.1%	52.2	52.3	0.1	0.2%
49.4%	52.2	52.2	0.0	0.0%
50.6%	52.2	52.2	0.0	0.0%
51.9%	52.2	52.2	0.0	0.1%
53.1%	52.1	52.1	0.0	0.0%
54.3%	52.1	52.1	0.0	0.0%
55.6%	52.0	52.1	0.0	0.1%
56.8%	52.0	52.1	0.1	0.1%
58.0%	52.0	52.0	0.1	0.1%
59.3%	52.0	52.0	0.1	0.1%
60.5%	51.9	52.0	0.1	0.1%
61.7%	51.8	51.9	0.1	0.2%
63.0%	51.8	51.9	0.1	0.2%
64.2%	51.8	51.9	0.1	0.1%
65.4%	51.8	51.8	0.0	0.1%
66.7%	51.7	51.8	0.1	0.1%
67.9%	51.7	51.8	0.1	0.1%
69.1%	51.7	51.6	-0.2	-0.3%
70.4%	51.7	51.5	-0.1	-0.3%
71.6%	51.6	51.4	-0.3	-0.5%
72.8%	51.6	51.4	-0.3	-0.5%
74.1%	51.5	51.4	-0.2	-0.3%
75.3%	51.5	51.3	-0.1	-0.3%
76.5%	51.4	51.2	-0.2	-0.4%
77.8%	51.4	51.2	-0.2	-0.3%
79.0%	51.4	51.2	-0.2	-0.4%
80.2%	51.3	51.1	-0.2	-0.4%
81.5%	51.3	51.1	-0.2	-0.4%
82.7%	51.3	51.0	-0.3	-0.5%
84.0%	51.2	51.0	-0.2	-0.5%
85.2%	51.1	51.0	-0.2	-0.4%
86.4%	50.9	50.9	0.0	0.0%
87.7%	50.7	50.9	0.2	0.4%
88.9%	50.7	50.7	0.1	0.1%
90.1%	50.5	50.6	0.0	0.1%
91.4%	50.5	50.5	0.0	0.0%
92.6%	50.5	50.5	0.0	-0.1%
93.8%	50.5	50.4	-0.1	-0.1%
95.1%	50.4	50.4	-0.1	-0.1%
96.3%	50.4	50.3	-0.1	-0.2%
97.5%	50.2	50.2	0.0	-0.1%
98.8%	50.2	50.0	-0.2	-0.3%
100.0%	50.2	50.0	-0.2	-0.3%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	63.9	63.3	-0.7	-1.1%
1.2%	55.8	55.6	-0.2	-0.4%
2.5%	55.6	55.5	-0.1	-0.2%
3.7%	55.3	54.9	-0.4	-0.8%
4.9%	55.2	54.8	-0.4	-0.7%
6.2%	55.1	54.7	-0.3	-0.6%
7.4%	54.9	54.7	-0.2	-0.4%
8.6%	54.7	54.5	-0.2	-0.3%
9.9%	54.5	54.5	0.0	0.1%
11.1%	54.4	54.4	0.0	0.0%
12.3%	54.4	54.4	0.0	0.0%
13.6%	54.4	54.4	0.0	0.0%
14.8%	54.2	54.3	0.1	0.3%
16.0%	54.2	54.3	0.2	0.3%
17.3%	54.1	54.3	0.1	0.3%
18.5%	54.1	54.3	0.2	0.3%
19.8%	54.1	54.3	0.2	0.4%
21.0%	54.0	54.2	0.2	0.3%
22.2%	54.0	54.1	0.1	0.2%
23.5%	53.9	54.0	0.1	0.2%
24.7%	53.9	54.0	0.1	0.2%
25.9%	53.8	53.9	0.1	0.2%
27.2%	53.8	53.8	0.0	0.1%
28.4%	53.6	53.8	0.1	0.3%
29.6%	53.6	53.7	0.1	0.2%
30.9%	53.6	53.6	0.0	0.0%
32.1%	53.5	53.5	0.0	0.0%
33.3%	53.5	53.4	-0.1	-0.2%
34.6%	53.5	53.4	-0.1	-0.3%
35.8%	53.4	53.4	-0.1	-0.1%
37.0%	53.3	53.3	-0.1	-0.1%
38.3%	53.2	53.3	0.0	0.1%
39.5%	53.2	53.3	0.1	0.1%
40.7%	53.2	53.2	0.0	0.0%
42.0%	53.2	53.1	-0.1	-0.1%
43.2%	53.1	53.1	0.0	0.0%
44.4%	53.1	53.0	0.0	-0.1%
45.7%	53.0	53.0	0.1	0.1%
46.9%	52.9	53.0	0.1	0.3%
48.1%	52.8	52.9	0.1	0.2%
49.4%	52.8	52.9	0.0	0.1%
50.6%	52.7	52.8	0.1	0.2%
51.9%	52.7	52.8	0.1	0.2%
53.1%	52.6	52.7	0.1	0.1%
54.3%	52.6	52.7	0.1	0.1%
55.6%	52.6	52.6	0.0	0.0%
56.8%	52.5	52.5	0.1	0.1%
58.0%	52.5	52.5	0.0	0.1%
59.3%	52.5	52.4	-0.1	-0.2%
60.5%	52.5	52.3	-0.1	-0.2%
61.7%	52.4	52.3	-0.1	-0.2%
63.0%	52.4	52.1	-0.3	-0.6%
64.2%	52.3	52.1	-0.2	-0.5%
65.4%	52.3	52.1	-0.2	-0.4%
66.7%	52.2	52.0	-0.2	-0.4%
67.9%	52.2	51.9	-0.2	-0.4%
69.1%	52.2	51.9	-0.2	-0.4%
70.4%	52.1	51.9	-0.2	-0.4%
71.6%	52.1	51.9	-0.2	-0.4%
72.8%	52.1	51.9	-0.2	-0.3%
74.1%	52.0	51.9	-0.1	-0.3%
75.3%	52.0	51.8	-0.2	-0.5%
76.5%	52.0	51.8	-0.2	-0.5%
77.8%	51.9	51.7	-0.3	-0.5%
79.0%	51.9	51.6	-0.3	-0.5%
80.2%	51.9	51.6	-0.3	-0.5%
81.5%	51.7	51.6	-0.1	-0.2%
82.7%	51.7	51.5	-0.2	-0.3%
84.0%	51.7	51.5	-0.2	-0.3%
85.2%	51.7	51.5	-0.2	-0.3%
86.4%	51.6	51.5	-0.1	-0.2%
87.7%	51.6	51.4	-0.2	-0.3%
88.9%	51.6	51.4	-0.2	-0.4%
90.1%	51.6	51.4	-0.2	-0.4%
91.4%	51.5	51.3	-0.3	-0.5%
92.6%	51.4	51.1	-0.3	-0.5%
93.8%	51.4	51.1	-0.2	-0.5%
95.1%	51.3	51.1	-0.2	-0.5%
96.3%	51.3	51.0	-0.3	-0.5%
97.5%	51.2	50.9	-0.4	-0.7%
98.8%	51.0	50.6	-0.4	-0.8%
100.0%	51.0	50.6	-0.4	-0.8%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	63.8	63.6	-0.2	-0.4%
1.2%	60.8	56.9	-3.9	-6.4%
2.5%	58.8	56.8	-2.0	-3.4%
3.7%	56.9	56.6	-0.3	-0.5%
4.9%	56.5	56.2	-0.2	-0.4%
6.2%	55.9	55.8	-0.2	-0.3%
7.4%	55.4	55.3	-0.1	-0.2%
8.6%	55.4	55.2	-0.2	-0.4%
9.9%	55.2	55.0	-0.2	-0.4%
11.1%	55.1	54.8	-0.3	-0.5%
12.3%	54.9	54.7	-0.3	-0.5%
13.6%	54.7	54.7	0.0	0.0%
14.8%	54.6	54.6	0.0	0.0%
16.0%	54.6	54.6	0.0	0.0%
17.3%	54.5	54.6	0.1	0.1%
18.5%	54.5	54.5	0.0	0.0%
19.8%	54.5	54.4	0.0	0.0%
21.0%	54.5	54.2	-0.2	-0.4%
22.2%	54.4	54.1	-0.4	-0.7%
23.5%	54.1	54.0	-0.1	-0.2%
24.7%	54.1	54.0	-0.1	-0.1%
25.9%	54.0	53.8	-0.2	-0.3%
27.2%	54.0	53.8	-0.2	-0.3%
28.4%	53.9	53.8	-0.1	-0.2%
29.6%	53.8	53.7	-0.2	-0.3%
30.9%	53.7	53.6	-0.1	-0.1%
32.1%	53.4	53.5	0.1	0.2%
33.3%	53.3	53.4	0.0	0.1%
34.6%	53.3	53.3	0.0	0.0%
35.8%	53.2	53.3	0.1	0.3%
37.0%	53.0	53.1	0.1	0.2%
38.3%	53.0	53.0	0.0	0.1%
39.5%	52.9	53.0	0.0	0.1%
40.7%	52.9	52.8	-0.2	-0.3%
42.0%	52.9	52.8	-0.1	-0.2%
43.2%	52.8	52.7	-0.2	-0.3%
44.4%	52.8	52.7	-0.1	-0.3%
45.7%	52.8	52.6	-0.2	-0.4%
46.9%	52.8	52.6	-0.2	-0.3%
48.1%	52.6	52.6	0.0	0.0%
49.4%	52.5	52.5	0.0	-0.1%
50.6%	52.5	52.4	-0.1	-0.1%
51.9%	52.4	52.3	-0.1	-0.2%
53.1%	52.3	52.3	-0.1	-0.1%
54.3%	52.3	52.2	-0.1	-0.2%
55.6%	52.2	52.1	-0.2	-0.3%
56.8%	52.2	52.0	-0.2	-0.3%
58.0%	52.2	51.9	-0.3	-0.6%
59.3%	51.9	51.9	-0.1	-0.1%
60.5%	51.8	51.8	0.0	0.0%
61.7%	51.8	51.8	0.0	0.0%
63.0%	51.8	51.6	-0.2	-0.3%
64.2%	51.7	51.6	-0.1	-0.2%
65.4%	51.7	51.6	-0.1	-0.2%
66.7%	51.6	51.5	-0.1	-0.2%
67.9%	51.6	51.5	-0.2	-0.3%
69.1%	51.6	51.4	-0.2	-0.4%
70.4%	51.6	51.3	-0.2	-0.5%
71.6%	51.5	51.3	-0.2	-0.4%
72.8%	51.5	51.3	-0.2	-0.3%
74.1%	51.3	51.2	0.0	0.0%
75.3%	51.2	51.2	0.0	0.0%
76.5%	51.2	51.2	-0.1	-0.1%
77.8%	51.2	51.1	-0.1	-0.1%
79.0%	51.2	51.1	-0.1	-0.2%
80.2%	51.2	51.0	-0.1	-0.3%
81.5%	51.1	51.0	-0.1	-0.2%
82.7%	51.1	51.0	-0.1	-0.1%
84.0%	51.1	51.0	-0.1	-0.1%
85.2%	51.0	50.9	-0.1	-0.3%
86.4%	51.0	50.8	-0.2	-0.3%
87.7%	50.9	50.7	-0.2	-0.4%
88.9%	50.9	50.7	-0.2	-0.4%
90.1%	50.8	50.7	-0.1	-0.2%
91.4%	50.8	50.7	-0.1	-0.2%
92.6%	50.7	50.7	0.0	0.0%
93.8%	50.6	50.6	-0.1	-0.1%
95.1%	50.6	50.5	-0.1	-0.2%
96.3%	50.5	50.4	0.0	-0.1%
97.5%	50.5	50.3	-0.2	-0.3%
98.8%	50.5	50.3	-0.2	-0.3%
100.0%	50.5	50.3	-0.2	-0.3%

Table SQ13-1b

Clear Creek below Whiskeytown, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	60.5	60.1	-0.4	-0.7%
1.2%	55.2	59.1	3.9	7.1%
2.5%	54.8	55.7	0.9	1.7%
3.7%	54.6	54.6	0.0	-0.1%
4.9%	54.6	54.5	-0.1	-0.2%
6.2%	54.0	54.3	0.3	0.5%
7.4%	54.0	53.9	-0.1	-0.2%
8.6%	53.9	53.9	0.0	-0.1%
9.9%	53.9	53.9	0.0	0.0%
11.1%	53.7	53.8	0.1	0.2%
12.3%	53.6	53.8	0.1	0.3%
13.6%	53.6	53.7	0.1	0.3%
14.8%	53.5	53.7	0.2	0.4%
16.0%	53.4	53.7	0.2	0.4%
17.3%	53.4	53.5	0.1	0.2%
18.5%	53.4	53.4	0.0	0.1%
19.8%	53.3	53.4	0.1	0.2%
21.0%	53.3	53.4	0.1	0.2%
22.2%	53.2	53.3	0.1	0.2%
23.5%	53.2	53.3	0.1	0.2%
24.7%	53.1	53.2	0.1	0.2%
25.9%	53.0	53.1	0.1	0.2%
27.2%	53.0	53.1	0.1	0.2%
28.4%	53.0	53.1	0.1	0.2%
29.6%	52.9	52.9	0.0	0.1%
30.9%	52.9	52.8	0.0	0.0%
32.1%	52.7	52.8	0.1	0.2%
33.3%	52.7	52.8	0.1	0.2%
34.6%	52.6	52.8	0.1	0.3%
35.8%	52.6	52.7	0.2	0.3%
37.0%	52.6	52.7	0.1	0.2%
38.3%	52.4	52.5	0.1	0.2%
39.5%	52.3	52.5	0.2	0.4%
40.7%	52.3	52.5	0.2	0.4%
42.0%	52.2	52.4	0.1	0.3%
43.2%	52.2	52.3	0.1	0.3%
44.4%	52.1	52.2	0.1	0.2%
45.7%	52.1	52.2	0.1	0.2%
46.9%	52.0	52.2	0.1	0.2%
48.1%	52.0	52.1	0.1	0.1%
49.4%	52.0	52.1	0.0	0.1%
50.6%	52.0	52.0	0.1	0.1%
51.9%	52.0	52.0	0.0	0.0%
53.1%	51.9	51.9	0.0	0.0%
54.3%	51.9	51.9	0.0	0.0%
55.6%	51.8	51.8	0.0	-0.1%
56.8%	51.7	51.8	0.1	0.2%
58.0%	51.7	51.7	0.0	0.0%
59.3%	51.6	51.7	0.0	0.1%
60.5%	51.6	51.6	0.0	0.0%
61.7%	51.5	51.6	0.1	0.1%
63.0%	51.5	51.5	0.1	0.2%
64.2%	51.4	51.5	0.1	0.1%
65.4%	51.4	51.5	0.0	0.1%
66.7%	51.4	51.4	0.0	0.0%
67.9%	51.4	51.3	-0.1	-0.3%
69.1%	51.4	51.3	-0.1	-0.2%
70.4%	51.3	51.2	-0.1	-0.3%
71.6%	51.2	51.1	-0.2	-0.3%
72.8%	51.2	51.1	-0.1	-0.2%
74.1%	51.1	51.1	-0.1	-0.2%
75.3%	51.1	51.0	-0.1	-0.2%
76.5%	51.1	51.0	-0.1	-0.3%
77.8%	51.1	51.0	-0.1	-0.3%
79.0%	51.1	50.8	-0.2	-0.4%
80.2%	51.1	50.8	-0.3	-0.5%
81.5%	51.1	50.7	-0.4	-0.8%
82.7%	51.0	50.6	-0.4	-0.7%
84.0%	50.9	50.6	-0.3	-0.5%
85.2%	50.8	50.6	-0.2	-0.4%
86.4%	50.8	50.6	-0.2	-0.4%
87.7%	50.6	50.5	0.0	-0.1%
88.9%	50.6	50.4	-0.1	-0.3%
90.1%	50.5	50.4	0.0	0.0%
91.4%	50.4	50.4	0.0	-0.1%
92.6%	50.4	50.4	0.0	0.0%
93.8%	50.4	50.3	-0.1	-0.1%
95.1%	50.3	50.3	-0.1	-0.1%
96.3%	50.3	50.1	-0.2	-0.3%
97.5%	50.2	49.9	-0.2	-0.4%
98.8%	50.0	49.9	-0.1	-0.3%
100.0%	49.7	49.5	-0.2	-0.4%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	62.1	62.3	0.1	0.2%
1.2%	56.4	61.7	5.3	9.3%
2.5%	55.7	55.5	-0.3	-0.5%
3.7%	55.4	55.4	0.0	0.0%
4.9%	55.3	55.0	-0.3	-0.6%
6.2%	54.7	54.6	-0.1	-0.2%
7.4%	54.6	54.6	-0.1	-0.1%
8.6%	54.5	54.5	-0.1	-0.1%
9.9%	54.4	54.4	0.0	-0.1%
11.1%	54.2	54.4	0.1	0.3%
12.3%	54.1	54.3	0.2	0.4%
13.6%	54.1	54.3	0.2	0.4%
14.8%	54.1	54.3	0.2	0.4%
16.0%	54.1	54.2	0.2	0.3%
17.3%	54.0	54.2	0.2	0.5%
18.5%	53.9	54.2	0.2	0.4%
19.8%	53.9	54.1	0.2	0.4%
21.0%	53.9	54.1	0.2	0.3%
22.2%	53.9	54.1	0.2	0.4%
23.5%	53.7	53.8	0.0	0.1%
24.7%	53.7	53.7	0.0	0.0%
25.9%	53.7	53.7	0.0	0.0%
27.2%	53.6	53.6	0.0	0.1%
28.4%	53.6	53.6	0.0	0.0%
29.6%	53.6	53.5	-0.1	-0.3%
30.9%	53.5	53.4	-0.1	-0.1%
32.1%	53.2	53.3	0.1	0.2%
33.3%	53.2	53.3	0.1	0.2%
34.6%	53.2	53.3	0.1	0.3%
35.8%	53.2	53.2	0.1	0.1%
37.0%	53.0	53.2	0.1	0.3%
38.3%	52.9	53.1	0.2	0.5%
39.5%	52.9	53.0	0.1	0.2%
40.7%	52.8	53.0	0.2	0.4%
42.0%	52.7	52.9	0.2	0.4%
43.2%	52.7	52.8	0.1	0.3%
44.4%	52.6	52.8	0.2	0.3%
45.7%	52.6	52.7	0.2	0.3%
46.9%	52.6	52.7	0.1	0.3%
48.1%	52.5	52.5	0.0	0.0%
49.4%	52.5	52.5	0.0	0.1%
50.6%	52.5	52.5	0.1	0.1%
51.9%	52.5	52.5	0.0	0.1%
53.1%	52.4	52.5	0.0	0.1%
54.3%	52.4	52.3	0.0	0.0%
55.6%	52.3	52.3	0.0	0.0%
56.8%	52.3	52.3	0.0	0.0%
58.0%	52.3	52.3	0.0	0.0%
59.3%	52.3	52.3	0.0	0.0%
60.5%	52.2	52.1	-0.1	-0.2%
61.7%	52.0	52.1	0.1	0.1%
63.0%	52.0	52.0	0.0	0.0%
64.2%	52.0	51.9	-0.1	-0.3%
65.4%	51.9	51.9	0.0	0.0%
66.7%	51.9	51.8	-0.1	-0.1%
67.9%	51.9	51.8	-0.1	-0.1%
69.1%	51.8	51.7	-0.1	-0.3%
70.4%	51.8	51.6	-0.2	-0.4%
71.6%	51.8	51.5	-0.2	-0.4%
72.8%	51.7	51.5	-0.1	-0.2%
74.1%	51.6	51.5	-0.1	-0.2%
75.3%	51.6	51.5	-0.1	-0.3%
76.5%	51.6	51.3	-0.3	-0.5%
77.8%	51.6	51.3	-0.3	-0.5%
79.0%	51.5	51.3	-0.3	-0.5%
80.2%	51.5	51.2	-0.3	-0.6%
81.5%	51.4	51.2	-0.2	-0.4%
82.7%	51.3	51.2	-0.1	-0.3%
84.0%	51.3	51.1	-0.2	-0.3%
85.2%	51.3	51.1	-0.1	-0.3%
86.4%	51.2	51.1	-0.1	-0.2%
87.7%	51.2	51.0	-0.1	-0.3%
88.9%	51.1	51.0	-0.1	-0.2%
90.1%	51.0	51.0	0.0	0.0%
91.4%	51.0	50.9	-0.1	-0.1%
92.6%	51.0	50.9	0.0	-0.1%
93.8%	50.9	50.9	0.0	-0.1%
95.1%	50.9	50.8	-0.1	-0.2%
96.3%	50.9	50.6	-0.2	-0.5%
97.5%	50.7	50.5	-0.2	-0.4%
98.8%	50.7	50.4	-0.3	-0.5%
100.0%	50.3	50.1	-0.2	-0.5%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	63.9	63.4	-0.5	-0.7%
1.2%	58.3	56.2	-2.1	-3.5%
2.5%	57.1	55.8	-1.2	-2.1%
3.7%	56.2	55.8	-0.4	-0.7%
4.9%	55.9	55.3	-0.5	-0.9%
6.2%	55.2	55.1	-0.1	-0.2%
7.4%	55.1	55.0	-0.1	-0.1%
8.6%	55.1	54.8	-0.2	-0.4%
9.9%	54.7	54.7	0.0	0.0%
11.1%	54.7	54.7	0.1	0.1%
12.3%	54.5	54.7	0.1	0.2%
13.6%	54.5	54.5	0.0	0.0%
14.8%	54.5	54.5	0.0	0.0%
16.0%	54.5	54.5	0.0	0.0%
17.3%	54.5	54.5	0.0	0.0%
18.5%	54.3	54.4	0.1	0.1%
19.8%	54.3	54.3	0.0	0.1%
21.0%	54.1	54.2	0.1	0.2%
22.2%	54.1	54.1	0.0	0.0%
23.5%	54.1	54.1	0.0	0.0%
24.7%	54.0	53.9	-0.1	-0.1%
25.9%	53.9	53.9	0.0	0.0%
27.2%	53.9	53.8	0.0	-0.1%
28.4%	53.9	53.7	-0.1	-0.3%
29.6%	53.8	53.7	-0.1	-0.2%
30.9%	53.7	53.7	0.0	0.0%
32.1%	53.5	53.6	0.0	0.1%
33.3%	53.3	53.5	0.2	0.3%
34.6%	53.2	53.2	0.0	-0.1%
35.8%	53.2	53.2	0.0	-0.1%
37.0%	53.2	53.2	0.0	-0.1%
38.3%	53.1	53.1	0.1	0.1%
39.5%	53.1	53.0	0.0	-0.1%
40.7%	53.0	53.0	-0.1	-0.1%
42.0%	53.0	52.9	0.0	-0.1%
43.2%	53.0	52.8	-0.2	-0.3%
44.4%	52.8	52.8	0.0	0.0%
45.7%	52.8	52.8	0.0	0.0%
46.9%	52.8	52.8	0.0	0.0%
48.1%	52.7	52.7	0.0	0.0%
49.4%	52.7	52.7	0.0	0.1%
50.6%	52.7	52.7	0.0	0.0%
51.9%	52.6	52.6	0.0	-0.1%
53.1%	52.6	52.5	0.0	-0.1%
54.3%	52.6	52.5	-0.1	-0.2%
55.6%	52.5	52.4	0.0	0.0%
56.8%	52.4	52.3	-0.1	-0.2%
58.0%	52.4	52.2	-0.1	-0.3%
59.3%	52.3	52.1	-0.2	-0.4%
60.5%	52.2	52.1	-0.1	-0.2%
61.7%	52.2	52.0	-0.2	-0.4%
63.0%	52.1	52.0	-0.1	-0.3%
64.2%	52.0	51.9	-0.1	-0.2%
65.4%	51.9	51.9	-0.1	-0.2%
66.7%	51.9	51.7	-0.2	-0.4%
67.9%	51.9	51.7	-0.2	-0.4%
69.1%	51.9	51.6	-0.3	-0.5%
70.4%	51.9	51.6	-0.3	-0.5%
71.6%	51.8	51.6	-0.3	-0.5%
72.8%	51.7	51.5	-0.2	-0.4%
74.1%	51.6	51.5	-0.1	-0.2%
75.3%	51.6	51.5	-0.1	-0.2%
76.5%	51.6	51.4	-0.2	-0.3%
77.8%	51.6	51.4	-0.2	-0.4%
79.0%	51.6	51.4	-0.2	-0.4%
80.2%	51.4	51.3	-0.1	-0.1%
81.5%	51.4	51.3	-0.1	-0.2%
82.7%	51.4	51.2	-0.1	-0.2%
84.0%	51.4	51.2	-0.1	-0.3%
85.2%	51.3	51.2	-0.1	-0.2%
86.4%	51.3	51.1	-0.1	-0.3%
87.7%	51.3	51.1	-0.1	-0.2%
88.9%	51.2	51.1	-0.1	-0.2%
90.1%	51.2	51.1	-0.1	-0.3%
91.4%	51.2	51.1	-0.1	-0.2%
92.6%	51.2	51.1	-0.1	-0.1%
93.8%	51.1	50.9	-0.2	-0.5%
95.1%	51.0	50.9	-0.1	-0.3%
96.3%	50.9	50.8	-0.2	-0.3%
97.5%	50.9	50.7	-0.2	-0.4%
98.8%	50.8	50.5	-0.4	-0.7%
100.0%	50.5	50.3	-0.2	-0.4%

Figure SQ14-1b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

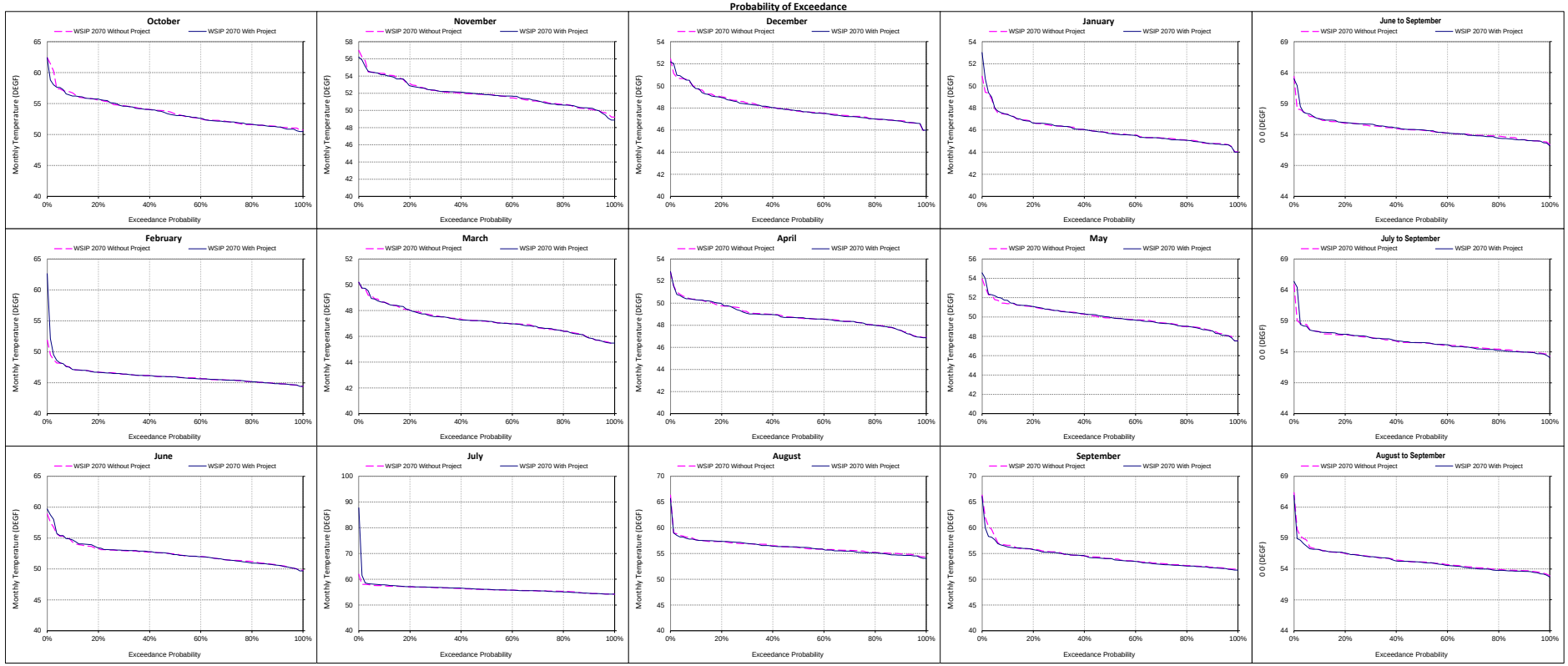


Table SQ14-1b

Clear Creek at Igo, Monthly Temperature

Probability of Exceedance

October				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	62.4	62.4	0.0	0.0%
1.2%	61.4	58.8	-2.6	-4.2%
2.5%	60.2	58.0	-2.2	-3.7%
3.7%	57.4	57.7	0.2	0.4%
4.9%	57.4	57.6	0.2	0.4%
6.2%	57.1	57.2	0.1	0.2%
7.4%	57.0	56.6	-0.4	-0.7%
8.6%	56.9	56.4	-0.5	-0.9%
9.9%	56.7	56.2	-0.5	-0.9%
11.1%	56.4	56.2	-0.2	-0.3%
12.3%	56.0	56.1	0.1	0.2%
13.6%	56.0	56.1	0.1	0.2%
14.8%	55.9	55.9	0.0	-0.1%
16.0%	55.8	55.8	0.0	0.0%
17.3%	55.8	55.8	0.0	-0.1%
18.5%	55.7	55.7	0.0	0.0%
19.8%	55.6	55.7	0.2	0.3%
21.0%	55.5	55.6	0.1	0.2%
22.2%	55.4	55.5	0.1	0.3%
23.5%	55.3	55.5	0.2	0.3%
24.7%	55.2	55.1	-0.1	-0.1%
25.9%	54.8	55.1	0.2	0.5%
27.2%	54.8	55.0	0.2	0.3%
28.4%	54.7	54.7	0.0	0.0%
29.6%	54.7	54.6	-0.1	-0.2%
30.9%	54.6	54.6	0.0	-0.1%
32.1%	54.5	54.5	0.0	-0.1%
33.3%	54.5	54.5	0.0	0.0%
34.6%	54.4	54.2	-0.2	-0.3%
35.8%	54.2	54.2	0.0	-0.1%
37.0%	54.2	54.1	-0.1	-0.1%
38.3%	54.1	54.1	0.0	-0.1%
39.5%	54.1	54.1	0.0	0.0%
40.7%	54.0	54.0	0.0	-0.1%
42.0%	53.9	54.0	0.0	0.0%
43.2%	53.9	53.8	-0.1	-0.2%
44.4%	53.9	53.7	-0.1	-0.2%
45.7%	53.9	53.6	-0.3	-0.5%
46.9%	53.7	53.4	-0.4	-0.7%
48.1%	53.6	53.2	-0.4	-0.8%
49.4%	53.4	53.1	-0.3	-0.6%
50.6%	53.3	53.1	-0.2	-0.3%
51.9%	53.2	53.1	-0.1	-0.2%
53.1%	53.0	53.1	0.0	0.1%
54.3%	52.9	52.9	0.1	0.1%
55.6%	52.8	52.9	0.1	0.2%
56.8%	52.8	52.8	0.0	0.0%
58.0%	52.7	52.8	0.1	0.2%
59.3%	52.6	52.6	0.0	0.0%
60.5%	52.5	52.6	0.2	0.3%
61.7%	52.4	52.4	0.0	0.0%
63.0%	52.4	52.3	-0.1	-0.1%
64.2%	52.3	52.3	-0.1	-0.1%
65.4%	52.3	52.2	-0.1	-0.2%
66.7%	52.3	52.2	-0.1	-0.2%
67.9%	52.2	52.2	-0.1	-0.2%
69.1%	52.2	52.1	-0.1	-0.2%
70.4%	52.1	52.1	0.0	0.0%
71.6%	52.0	52.0	0.0	0.1%
72.8%	51.9	52.0	0.1	0.1%
74.1%	51.8	51.9	0.1	0.2%
75.3%	51.8	51.9	0.1	0.2%
76.5%	51.6	51.9	0.2	0.5%
77.8%	51.6	51.7	0.1	0.2%
79.0%	51.6	51.7	0.1	0.2%
80.2%	51.6	51.6	0.1	0.1%
81.5%	51.5	51.6	0.0	0.0%
82.7%	51.5	51.5	0.0	0.0%
84.0%	51.5	51.5	0.0	0.0%
85.2%	51.5	51.4	0.0	0.0%
86.4%	51.4	51.4	0.0	-0.1%
87.7%	51.4	51.3	-0.1	-0.2%
88.9%	51.3	51.3	0.0	-0.1%
90.1%	51.3	51.2	-0.1	-0.1%
91.4%	51.1	51.2	0.1	0.1%
92.6%	51.1	51.0	-0.2	-0.3%
93.8%	51.1	50.9	-0.2	-0.5%
95.1%	51.1	50.9	-0.2	-0.3%
96.3%	51.0	50.9	-0.2	-0.4%
97.5%	51.0	50.6	-0.4	-0.8%
98.8%	50.7	50.5	-0.3	-0.5%
100.0%	50.7	50.5	0.0	-0.5%

November				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	57.0	56.2	-0.8	-1.4%
1.2%	56.2	55.9	-0.4	-0.7%
2.5%	55.8	55.1	-0.7	-1.2%
3.7%	54.5	54.6	0.1	0.2%
4.9%	54.5	54.4	0.0	-0.1%
6.2%	54.4	54.4	0.0	0.0%
7.4%	54.3	54.3	0.0	0.0%
8.6%	54.3	54.2	-0.2	-0.3%
9.9%	54.3	54.2	-0.1	-0.3%
11.1%	54.1	54.0	-0.1	-0.1%
12.3%	54.1	54.0	-0.1	-0.2%
13.6%	54.1	53.9	-0.2	-0.3%
14.8%	53.9	53.7	-0.2	-0.4%
16.0%	53.8	53.7	-0.1	-0.2%
17.3%	53.6	53.7	0.0	0.1%
18.5%	53.2	53.4	0.1	0.2%
19.8%	53.2	52.9	-0.3	-0.5%
21.0%	53.0	52.8	-0.2	-0.3%
22.2%	52.9	52.7	-0.2	-0.3%
23.5%	52.7	52.7	0.0	0.0%
24.7%	52.7	52.6	-0.1	-0.1%
25.9%	52.6	52.6	0.0	0.1%
27.2%	52.4	52.4	0.1	0.1%
28.4%	52.4	52.4	0.0	0.0%
29.6%	52.3	52.4	0.0	0.1%
30.9%	52.3	52.3	0.0	0.0%
32.1%	52.3	52.2	0.0	-0.1%
33.3%	52.1	52.2	0.1	0.1%
34.6%	52.1	52.2	0.1	0.2%
35.8%	52.1	52.2	0.1	0.2%
37.0%	52.1	52.2	0.1	0.2%
38.3%	52.1	52.2	0.1	0.2%
39.5%	52.0	52.1	0.2	0.3%
40.7%	52.0	52.1	0.1	0.2%
42.0%	52.0	52.1	0.1	0.2%
43.2%	51.9	52.0	0.1	0.2%
44.4%	51.9	52.0	0.0	0.1%
45.7%	51.9	52.0	0.0	0.1%
46.9%	51.9	51.9	0.1	0.1%
48.1%	51.9	51.9	0.1	0.1%
49.4%	51.8	51.8	0.0	0.0%
50.6%	51.8	51.8	0.0	0.0%
51.9%	51.8	51.8	0.0	-0.1%
53.1%	51.8	51.7	0.0	-0.1%
54.3%	51.7	51.7	0.0	0.1%
55.6%	51.7	51.7	0.0	0.0%
56.8%	51.6	51.7	0.0	0.1%
58.0%	51.6	51.7	0.1	0.1%
59.3%	51.5	51.7	0.2	0.4%
60.5%	51.4	51.6	0.2	0.4%
61.7%	51.4	51.6	0.2	0.5%
63.0%	51.4	51.5	0.1	0.2%
64.2%	51.3	51.4	0.1	0.2%
65.4%	51.2	51.4	0.1	0.3%
66.7%	51.2	51.3	0.1	0.3%
67.9%	51.1	51.2	0.1	0.2%
69.1%	51.1	51.2	0.1	0.1%
70.4%	51.0	51.1	0.0	0.1%
71.6%	51.0	51.0	-0.1	-0.1%
72.8%	51.0	50.9	-0.1	-0.2%
74.1%	50.9	50.8	-0.1	-0.1%
75.3%	50.8	50.8	-0.1	-0.1%
76.5%	50.8	50.7	-0.1	-0.1%
77.8%	50.8	50.7	-0.1	-0.2%
79.0%	50.7	50.6	-0.1	-0.1%
80.2%	50.7	50.6	-0.1	-0.1%
81.5%	50.7	50.6	-0.1	-0.1%
82.7%	50.6	50.6	0.0	0.0%
84.0%	50.4	50.6	0.1	0.2%
85.2%	50.3	50.4	0.1	0.2%
86.4%	50.3	50.3	0.1	0.1%
87.7%	50.3	50.3	0.1	0.1%
88.9%	50.2	50.3	0.1	0.2%
90.1%	50.1	50.3	0.1	0.3%
91.4%	50.1	50.2	0.1	0.3%
92.6%	50.0	50.1	0.0	0.1%
93.8%	50.0	50.0	0.0	0.0%
95.1%	49.8	49.7	-0.1	-0.2%
96.3%	49.7	49.5	-0.3	-0.5%
97.5%	49.6	49.1	-0.5	-0.9%
98.8%	49.2	48.9	-0.4	-0.7%
100.0%	49.2	48.9	-0.4	-0.7%

December				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.5	52.2	-0.3	-0.6%
1.2%	51.1	52.0	0.9	1.8%
2.5%	50.8	51.0	0.2	0.4%
3.7%	50.7	50.9	0.3	0.5%
4.9%	50.7	50.7	0.1	0.1%
6.2%	50.6	50.5	-0.1	-0.1%
7.4%	50.4	50.5	0.1	0.3%
8.6%	50.1	50.0	-0.1	-0.1%
9.9%	49.8	49.8	0.0	-0.1%
11.1%	49.7	49.7	0.1	0.2%
12.3%	49.6	49.4	-0.2	-0.5%
13.6%	49.3	49.3	0.0	-0.1%
14.8%	49.3	49.2	0.0	-0.1%
16.0%	49.3	49.1	-0.2	-0.3%
17.3%	49.1	49.0	-0.1	-0.1%
18.5%	49.1	49.0	-0.1	-0.2%
19.8%	49.0	49.0	0.0	-0.1%
21.0%	49.0	48.9	-0.1	-0.2%
22.2%	48.9	48.8	-0.1	-0.3%
23.5%	48.7	48.7	-0.1	-0.1%
24.7%	48.7	48.6	-0.1	-0.2%
25.9%	48.7	48.6	-0.1	-0.2%
27.2%	48.6	48.4	-0.2	-0.3%
28.4%	48.6	48.4	-0.2	-0.4%
29.6%	48.5	48.4	-0.1	-0.2%
30.9%	48.4	48.3	-0.1	-0.2%
32.1%	48.4	48.3	-0.2	-0.3%
33.3%	48.3	48.3	-0.1	-0.2%
34.6%	48.2	48.3	0.1	0.2%
35.8%	48.1	48.2	0.0	0.1%
37.0%	48.1	48.2	0.1	0.2%
38.3%	48.0	48.1	0.1	0.2%
39.5%	48.0	48.0	0.0	0.0%
40.7%	48.0	48.0	0.0	0.0%
42.0%	48.0	48.0	0.0	0.0%
43.2%	47.9	47.9	0.0	0.0%
44.4%	47.9	47.9	0.0	-0.1%
45.7%	47.9	47.9	0.0	0.0%
46.9%	47.8	47.8	0.0	0.0%
48.1%	47.7	47.8	0.1	0.1%
49.4%	47.7	47.8	0.0	0.0%
50.6%	47.7	47.7	0.1	0.1%
51.9%	47.7	47.7	0.0	0.0%
53.1%	47.6	47.7	0.0	0.1%
54.3%	47.6	47.6	0.0	0.0%
55.6%	47.6	47.6	0.0	-0.1%
56.8%	47.6	47.5	0.0	-0.1%
58.0%	47.6	47.5	0.0	-0.1%
59.3%	47.5	47.5	0.0	-0.1%
60.5%	47.5	47.5	0.0	0.0%
61.7%	47.5	47.5	0.0	-0.1%
63.0%	47.4	47.4	-0.1	-0.1%
64.2%	47.4	47.3	-0.1	-0.2%
65.4%	47.4	47.3	-0.1	-0.1%
66.7%	47.3	47.3	0.0	-0.1%
67.9%	47.3	47.2	-0.1	-0.2%
69.1%	47.3	47.2	-0.1	-0.2%
70.4%	47.3	47.2	0.0	-0.1%
71.6%	47.2	47.2	0.0	0.0%
72.8%	47.2	47.2	0.0	-0.1%
74.1%	47.2	47.2	-0.1	-0.2%
75.3%	47.2	47.1	-0.1	-0.2%
76.5%	47.2	47.1	-0.1	-0.1%
77.8%	47.0	47.0	0.0	0.0%
79.0%	47.0	47.0	0.0	0.0%
80.2%	47.0	47.0	0.0	0.0%
81.5%	47.0	47.0	0.0	0.0%
82.7%	47.0	47.0	0.0	0.0%
84.0%	46.9	46.9	0.0	0.0%
85.2%	46.9	46.9	0.0	0.0%
86.4%	46.9	46.9	0.0	0.0%
87.7%	46.9	46.9	0.0	-0.1%
88.9%	46.9	46.8	0.0	0.0%
90.1%	46.8	46.8	0.0	-0.1%
91.4%	46.8	46.7	-0.1	-0.2%
92.6%	46.7	46.7	0.0	0.0%
93.8%	46.7	46.7	0.0	0.0%
95.1%	46.6	46.7	0.0	0.1%
96.3%	46.6	46.6	0.0	0.0%
97.5%	46.5	46.6	0.1	0.2%
98.8%	46.0	46.0	0.0	0.0%
100.0%	46.0	46.0	0.0	0.0%

January				
Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	50.9	53.0	2.2	4.2%
1.2%	49.4	50.6	1.2	2.5%
2.5%	49.4	49.4	0.1	0.1%
3.7%	48.8	49.0	0.2	0.4%
4.9%	47.9	48.0	0.0	0.0%
6.2%	47.5	47.7	0.2	0.4%
7.4%	47.5	47.6	0.1	0.2%
8.6%	47.4	47.5	0.0	0.1%
9.9%	47.4	47.4	0.0	0.0%
11.1%	47.3	47.3	0.0	0.0%
12.3%	47.2	47.2	0.0	-0.1%
13.6%	47.0	47.0	0.0	0.1%
14.8%	46.9	47.0	0.1	0.1%
16.0%	46.9	46.9	0.0	-0.1%
17.3%	46.9	46.8	-0.1	-0.2%
18.5%	46.8	46.8	0.0	-0.1%
19.8%	46.7	46.6	0.0	-0.1%
21.0%	46.6	46.6	0.0	0.0%
22.2%	46.6	46.6	0.0	0.0%
23.5%	46.6	46.6	0.0	0.1%
24.7%	46.5	46.6	0.1	0.2%
25.9%	46.5	46.5	0.1	0.1%
27.2%	46.4	46.5	0.1	0.2%
28.4%	46.4	46.4	0.0	0.0%
29.6%	46.4	46.4	0.0	0.0%
30.9%	46.3	46.4	0.0	0.1%
32.1%	46.3	46.3	0.0	0.0%
33.3%	46.3	46.3	0.0	0.0%
34.6%	46.3	46.3	0.0	0.0%
35.8%	46.3	46.1	-0.2	-0.3%
37.0%	46.1	46.1	0.0	0.1%
38.3%	46.1	46.1	0.0	0.0%
39.5%	46.1	46.1	0.0	0.0%
40.7%	46.0	46.0	0.0	0.0%
42.0%	46.0	46.0	0.0	0.0%
43.2%	45.9	45.9	0.0	0.0%
44.4%	45.9	45.9	0.0	0.0%
45.7%	45.9	45.9	0.0	0.0%
46.9%	45.8	45.8	0.0	0.0%
48.1%	45.8	45.8	0.0	0.0%
49.4%	45.8	45.7	-0.1	-0.2%
50.6%	45.7	45.7	-0.1	-0.1%
51.9%	45.7	45.6	-0.1	-0.1%
53.1%	45.6	45.6	0.0	0.0%
54.3%	45.6	45.6	-0.1	-0.1%
55.6%	45.6	45.6	-0.1	-0.1%
56.8%	45.6	45.6	0.0	0.0%
58.0%	45.6	45.5	0.0	0.0%
59.3%	45.6	45.5	0.0	0.0%
60.5%	45.5	45.5	0.0	-0.1%
61.7%	45.4	45.3	-0.1	-0.1%
63.0%	45.4	45.3	-0.1	-0.2%
64.2%	45.3	45.3	0.0	0.0%
65.4%	45.3	45.3	0.0	0.0%
66.7%	45.3	45.3	0.0	0.0%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.3	0.0	-0.1%
70.4%	45.3	45.2	0.0	-0.1%
71.6%	45.3	45.2	0.0	-0.1%
72.8%	45.3	45.2	-0.1	-0.2%
74.1%	45.2	45.1	-0.1	-0.2%
75.3%	45.2	45.1	-0.1	-0.2%
76.5%	45.2	45.1	0.0	-0.1%
77.8%	45.1	45.1	0.0	-0.1%
79.0%	45.1	45.1	0.0	0.0%
80.2%	45.1	45.1	0.0	0.0%
81.5%	45.1	45.0	0.0	-0.1%
82.7%	45.1	45.0	-0.1	-0.2%
84.0%	45.0	45.0	-0.1	-0.1%
85.2%	44.9	44.9	0.0	0.1%
86.4%	44.8	44.9	0.1	0.1%
87.7%	44.8	44.8	0.0	0.0%
88.9%	44.8	44.8	0.0	0.0%
90.1%	44.8	44.8	0.0	0.0%
91.4%	44.8	44.7	0.0	-0.1%
92.6%	44.8	44.7	0.0	-0.1%
93.8%	44.8	44.7	-0.1	-0.2%
95.1%	44.7	44.7	0.0	-0.1%
96.3%	44.7	44.7	0.0	0.0%
97.5%	44.5	44.5	0.0	-0.1%
98.8%	44.0	44.0	0.0	0.0%
100.0%	44.0	44.0	0.0	0.0%

Table SQ14-1b

Clear Creek at Igo, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	51.9	62.6	10.7	20.7%
1.2%	49.5	52.1	2.7	5.4%
2.5%	48.7	49.5	0.8	1.6%
3.7%	48.2	48.6	0.4	0.9%
4.9%	48.2	48.2	0.1	0.1%
6.2%	48.1	48.1	0.0	0.0%
7.4%	47.7	47.6	-0.1	-0.1%
8.6%	47.5	47.5	0.0	0.0%
9.9%	47.1	47.2	0.0	0.1%
11.1%	47.1	47.1	0.1	0.1%
12.3%	47.1	47.1	0.0	0.0%
13.6%	47.0	47.0	0.0	0.0%
14.8%	47.0	47.0	0.0	0.0%
16.0%	46.9	46.9	0.0	-0.1%
17.3%	46.8	46.8	0.0	-0.1%
18.5%	46.8	46.7	-0.1	-0.2%
19.8%	46.7	46.7	0.0	0.0%
21.0%	46.7	46.7	0.0	0.0%
22.2%	46.6	46.6	0.0	-0.1%
23.5%	46.6	46.6	-0.1	-0.1%
24.7%	46.6	46.6	0.0	-0.1%
25.9%	46.6	46.5	-0.1	-0.2%
27.2%	46.5	46.5	0.0	-0.1%
28.4%	46.4	46.5	0.0	0.1%
29.6%	46.4	46.4	0.0	0.1%
30.9%	46.4	46.4	0.0	0.1%
32.1%	46.3	46.3	0.0	-0.1%
33.3%	46.3	46.3	0.0	0.0%
34.6%	46.2	46.2	0.0	0.0%
35.8%	46.2	46.2	0.0	0.0%
37.0%	46.2	46.2	0.0	0.0%
38.3%	46.2	46.2	0.0	0.0%
39.5%	46.2	46.1	0.0	-0.1%
40.7%	46.1	46.1	0.0	0.1%
42.0%	46.1	46.1	0.0	0.0%
43.2%	46.0	46.0	0.0	0.0%
44.4%	46.0	46.0	0.0	0.0%
45.7%	46.0	46.0	0.0	0.0%
46.9%	46.0	46.0	0.0	0.0%
48.1%	46.0	46.0	0.0	0.0%
49.4%	45.9	46.0	0.1	0.1%
50.6%	45.9	45.9	0.0	0.1%
51.9%	45.9	45.8	0.0	-0.1%
53.1%	45.8	45.8	0.0	0.0%
54.3%	45.8	45.7	-0.1	-0.2%
55.6%	45.8	45.7	-0.1	-0.2%
56.8%	45.8	45.7	-0.1	-0.1%
58.0%	45.8	45.7	-0.1	-0.3%
59.3%	45.8	45.6	-0.1	-0.3%
60.5%	45.6	45.6	0.0	0.0%
61.7%	45.6	45.6	0.0	0.0%
63.0%	45.6	45.6	0.0	0.0%
64.2%	45.5	45.6	0.0	0.1%
65.4%	45.5	45.5	0.0	0.1%
66.7%	45.5	45.5	0.0	0.0%
67.9%	45.5	45.5	0.0	0.0%
69.1%	45.5	45.5	0.0	0.0%
70.4%	45.4	45.4	0.0	0.0%
71.6%	45.4	45.4	0.0	0.0%
72.8%	45.4	45.4	0.0	0.0%
74.1%	45.4	45.4	0.0	0.0%
75.3%	45.3	45.4	0.0	0.0%
76.5%	45.3	45.3	0.1	0.2%
77.8%	45.2	45.2	0.0	0.1%
79.0%	45.2	45.2	0.0	0.0%
80.2%	45.2	45.2	0.0	0.0%
81.5%	45.1	45.1	0.0	0.0%
82.7%	45.1	45.1	0.0	0.0%
84.0%	45.0	45.1	0.0	0.0%
85.2%	45.0	45.0	0.0	0.0%
86.4%	45.0	45.0	0.0	0.0%
87.7%	45.0	44.9	0.0	-0.1%
88.9%	44.9	44.9	0.0	0.0%
90.1%	44.9	44.9	0.0	0.0%
91.4%	44.8	44.8	0.0	-0.1%
92.6%	44.8	44.8	0.0	0.0%
93.8%	44.8	44.8	0.0	-0.1%
95.1%	44.7	44.7	-0.1	-0.2%
96.3%	44.6	44.7	0.0	0.1%
97.5%	44.6	44.6	0.0	0.0%
98.8%	44.4	44.4	0.0	0.0%
100.0%	44.4	44.4	0.0	0.0%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	50.2	50.2	0.0	0.0%
1.2%	49.7	49.7	0.0	0.0%
2.5%	49.7	49.7	0.0	0.0%
3.7%	49.2	49.5	0.4	0.7%
4.9%	49.2	48.9	-0.2	-0.5%
6.2%	48.9	48.9	0.0	-0.1%
7.4%	48.9	48.7	-0.1	-0.3%
8.6%	48.7	48.7	0.0	0.0%
9.9%	48.7	48.7	0.0	0.0%
11.1%	48.6	48.6	0.0	0.0%
12.3%	48.4	48.4	0.0	0.0%
13.6%	48.4	48.4	0.0	-0.1%
14.8%	48.4	48.4	0.0	0.1%
16.0%	48.2	48.3	0.1	0.2%
17.3%	48.1	48.3	0.2	0.4%
18.5%	48.1	48.1	0.0	0.1%
19.8%	48.1	48.0	0.0	0.0%
21.0%	47.9	47.9	0.0	0.0%
22.2%	47.9	47.9	0.0	-0.1%
23.5%	47.9	47.8	-0.1	-0.2%
24.7%	47.8	47.7	-0.1	-0.1%
25.9%	47.7	47.7	0.0	0.0%
27.2%	47.7	47.6	-0.1	-0.2%
28.4%	47.7	47.6	-0.1	-0.2%
29.6%	47.6	47.5	-0.1	-0.1%
30.9%	47.6	47.5	-0.1	-0.1%
32.1%	47.5	47.5	0.0	0.0%
33.3%	47.5	47.5	0.0	0.0%
34.6%	47.5	47.5	0.0	0.0%
35.8%	47.4	47.4	0.0	0.0%
37.0%	47.4	47.4	0.0	-0.1%
38.3%	47.4	47.3	-0.1	-0.1%
39.5%	47.4	47.3	-0.1	-0.2%
40.7%	47.3	47.3	0.0	0.0%
42.0%	47.3	47.3	0.0	0.0%
43.2%	47.2	47.2	0.0	0.0%
44.4%	47.2	47.2	0.0	0.0%
45.7%	47.2	47.2	0.0	0.0%
46.9%	47.2	47.2	0.0	0.0%
48.1%	47.2	47.2	0.0	0.1%
49.4%	47.2	47.2	0.0	0.0%
50.6%	47.2	47.2	0.0	0.0%
51.9%	47.1	47.2	0.0	0.1%
53.1%	47.1	47.1	0.0	0.1%
54.3%	47.1	47.0	0.0	-0.1%
55.6%	47.0	47.0	0.0	0.0%
56.8%	47.0	47.0	0.0	-0.1%
58.0%	47.0	47.0	0.0	0.0%
59.3%	47.0	47.0	0.0	0.0%
60.5%	47.0	47.0	0.0	0.0%
61.7%	47.0	46.9	0.0	-0.1%
63.0%	47.0	46.9	0.0	0.0%
64.2%	46.9	46.9	-0.1	-0.1%
65.4%	46.9	46.8	-0.1	-0.2%
66.7%	46.9	46.8	-0.1	-0.2%
67.9%	46.8	46.8	0.0	-0.1%
69.1%	46.7	46.8	0.1	0.2%
70.4%	46.7	46.7	0.0	0.1%
71.6%	46.6	46.7	0.0	0.1%
72.8%	46.6	46.6	0.0	0.1%
74.1%	46.5	46.6	0.1	0.2%
75.3%	46.5	46.6	0.0	0.1%
76.5%	46.5	46.5	0.0	0.0%
77.8%	46.5	46.5	0.0	0.0%
79.0%	46.5	46.4	0.0	0.0%
80.2%	46.4	46.4	0.0	0.0%
81.5%	46.4	46.4	0.0	0.0%
82.7%	46.3	46.3	0.0	-0.1%
84.0%	46.3	46.2	-0.1	-0.1%
85.2%	46.2	46.2	0.0	-0.1%
86.4%	46.2	46.2	0.0	-0.1%
87.7%	46.1	46.1	0.0	0.0%
88.9%	46.0	46.0	0.0	0.0%
90.1%	45.9	45.9	0.0	0.0%
91.4%	45.8	45.8	0.0	0.0%
92.6%	45.7	45.7	0.0	0.0%
93.8%	45.7	45.7	0.0	0.0%
95.1%	45.6	45.6	0.0	0.0%
96.3%	45.6	45.5	-0.1	-0.1%
97.5%	45.5	45.5	-0.1	-0.1%
98.8%	45.4	45.5	0.0	0.1%
100.0%	45.4	45.5	0.0	0.1%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.8	52.9	0.0	0.0%
1.2%	51.6	51.6	0.0	0.0%
2.5%	51.0	50.8	-0.2	-0.4%
3.7%	50.8	50.7	-0.1	-0.3%
4.9%	50.6	50.5	-0.1	-0.2%
6.2%	50.6	50.4	-0.2	-0.3%
7.4%	50.4	50.4	0.0	0.0%
8.6%	50.4	50.4	0.0	0.0%
9.9%	50.4	50.3	-0.1	-0.1%
11.1%	50.3	50.3	0.0	0.0%
12.3%	50.3	50.3	0.0	0.0%
13.6%	50.2	50.2	0.0	0.1%
14.8%	50.1	50.2	0.1	0.1%
16.0%	50.1	50.2	0.1	0.1%
17.3%	49.9	50.1	0.1	0.3%
18.5%	49.8	50.0	0.2	0.4%
19.8%	49.8	50.0	0.2	0.5%
21.0%	49.7	49.8	0.0	0.1%
22.2%	49.7	49.8	0.0	0.1%
23.5%	49.7	49.7	0.0	0.0%
24.7%	49.7	49.6	-0.1	-0.2%
25.9%	49.6	49.4	-0.2	-0.4%
27.2%	49.6	49.3	-0.2	-0.5%
28.4%	49.3	49.2	-0.1	-0.2%
29.6%	49.3	49.1	-0.2	-0.4%
30.9%	49.1	49.0	-0.1	-0.1%
32.1%	49.1	49.0	-0.1	-0.1%
33.3%	49.1	49.0	0.0	-0.1%
34.6%	49.1	49.0	-0.1	-0.1%
35.8%	49.0	49.0	-0.1	-0.1%
37.0%	49.0	49.0	-0.1	-0.1%
38.3%	49.0	49.0	0.0	-0.1%
39.5%	49.0	49.0	0.0	0.0%
40.7%	49.0	48.9	0.0	-0.1%
42.0%	49.0	48.9	0.0	-0.1%
43.2%	48.9	48.8	-0.1	-0.3%
44.4%	48.8	48.7	-0.1	-0.1%
45.7%	48.8	48.7	-0.1	-0.1%
46.9%	48.8	48.7	-0.1	-0.1%
48.1%	48.7	48.7	0.0	0.0%
49.4%	48.7	48.7	0.0	0.0%
50.6%	48.7	48.7	0.0	0.1%
51.9%	48.6	48.7	0.1	0.1%
53.1%	48.6	48.6	0.0	0.0%
54.3%	48.6	48.6	0.0	0.0%
55.6%	48.6	48.6	0.0	0.0%
56.8%	48.6	48.6	0.0	0.0%
58.0%	48.6	48.6	0.0	0.0%
59.3%	48.6	48.6	0.0	0.0%
60.5%	48.5	48.5	0.0	0.0%
61.7%	48.5	48.5	0.0	0.0%
63.0%	48.5	48.5	0.0	0.0%
64.2%	48.5	48.4	-0.1	-0.1%
65.4%	48.5	48.4	-0.1	-0.1%
66.7%	48.4	48.4	0.0	-0.1%
67.9%	48.4	48.3	0.0	-0.1%
69.1%	48.4	48.3	0.0	0.0%
70.4%	48.4	48.3	0.0	0.0%
71.6%	48.3	48.3	0.0	0.0%
72.8%	48.3	48.3	0.0	0.0%
74.1%	48.2	48.2	0.0	0.0%
75.3%	48.2	48.2	0.0	0.0%
76.5%	48.1	48.1	0.0	0.0%
77.8%	48.1	48.1	0.0	0.0%
79.0%	48.0	48.0	0.0	0.0%
80.2%	48.0	48.0	0.0	0.0%
81.5%	48.0	48.0	0.0	0.0%
82.7%	48.0	47.9	0.0	-0.1%
84.0%	47.9	47.9	0.0	0.0%
85.2%	47.8	47.8	0.0	0.0%
86.4%	47.8	47.8	0.0	0.0%
87.7%	47.7	47.7	0.0	0.0%
88.9%	47.6	47.6	0.0	0.0%
90.1%	47.5	47.5	0.0	0.0%
91.4%	47.4	47.4	0.0	0.0%
92.6%	47.4	47.2	-0.2	-0.3%
93.8%	47.2	47.2	0.0	0.0%
95.1%	47.1	47.0	0.0	-0.1%
96.3%	47.0	47.0	0.0	-0.1%
97.5%	47.0	46.9	0.0	-0.1%
98.8%	46.9	46.9	0.0	0.0%
100.0%	46.9	46.9	0.0	0.0%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.9	54.6	0.6	1.2%
1.2%	53.0	54.0	0.9	1.8%
2.5%	52.3	52.4	0.1	0.1%
3.7%	52.3	52.3	0.0	0.1%
4.9%	51.8	52.2	0.4	0.8%
6.2%	51.7	52.0	0.3	0.6%
7.4%	51.4	52.0	0.5	1.0%
8.6%	51.4	51.7	0.3	0.6%
9.9%	51.4	51.7	0.3	0.7%
11.1%	51.4	51.4	0.1	0.1%
12.3%	51.4	51.4	0.0	0.1%
13.6%	51.2	51.2	0.0	0.0%
14.8%	51.2	51.2	0.0	0.0%
16.0%	51.2	51.2	0.0	0.1%
17.3%	51.1	51.2	0.1	0.1%
18.5%	51.1	51.2	0.0	0.1%
19.8%	51.0	51.1	0.1	0.1%
21.0%	51.0	51.0	0.0	0.1%
22.2%	50.9	51.0	0.1	0.1%
23.5%	50.9	50.9	0.1	0.1%
24.7%	50.8	50.8	0.0	-0.1%
25.9%	50.8	50.8	0.0	0.0%
27.2%	50.7	50.7	0.0	0.0%
28.4%	50.7	50.7	0.0	0.0%
29.6%	50.6	50.7	0.0	0.0%
30.9%	50.6	50.6	0.0	0.0%
32.1%	50.6	50.5	0.0	-0.1%
33.3%	50.5	50.5	0.0	0.0%
34.6%	50.5	50.5	0.0	0.0%
35.8%	50.5	50.4	-0.1	-0.1%
37.0%	50.4	50.4	0.0	0.0%
38.3%	50.3	50.4	0.1	0.1%
39.5%	50.3	50.3	0.0	0.1%
40.7%	50.3	50.3	0.0	0.1%
42.0%	50.2	50.3	0.1	0.1%
43.2%	50.1	50.3	0.1	0.3%
44.4%	50.1	50.2	0.1	0.3%
45.7%	50.0	50.1	0.1	0.3%
46.9%	50.0	50.1	0.1	0.3%
48.1%	49.9	50.0	0.1	0.2%
49.4%	49.9	50.0	0.1	0.2%
50.6%	49.9	49.9	0.0	0.1%
51.9%	49.9	49.9	0.0	0.0%
53.1%	49.9	49.9	0.0	0.0%
54.3%	49.8	49.8	0.0	0.0%
55.6%	49.8	49.8	0.0	0.0%
56.8%	49.8	49.7	0.0	0.0%
58.0%	49.8	49.7	0.0	-0.1%
59.3%	49.7	49.7	0.0	0.0%
60.5%	49.7	49.7	0.0	-0.1%
61.7%	49.7	49.6	0.0	-0.1%
63.0%	49.7	49.6	-0.1	-0.2%
64.2%	49.7	49.6	-0.1	-0.2%
65.4%	49.6	49.5	-0.1	-0.2%
66.7%	49.6	49.5	-0.1	-0.1%
67.9%	49.5	49.4	-0.1	-0.2%
69.1%	49.4	49.4	0.0	-0.1%
70.4%	49.4	49.4	0.0	-0.1%
71.6%	49.4	49.3	-0.1	-0.1%
72.8%	49.3	49.3	0.0	0.0%
74.1%	49.3	49.3	-0.1	-0.1%
75.3%	49.2	49.2	0.0	-0.1%
76.5%	49.2	49.1	-0.1	-0.2%
77.8%	49.0	49.1	0.0	0.1%
79.0%	49.0	49.0	0.0	0.1%
80.2%	49.0	49.0	0.0	0.0%
81.5%	49.0	49.0	0.0	-0.1%
82.7%	49.0	48.9	0.0	-0.1%
84.0%	48.9	48.9	-0.1	-0.1%
85.2%	48.9	48.8	-0.1	-0.2%
86.4%	48.8	48.7	-0.1	-0.3%
87.7%	48.7	48.7	0.0	0.0%
88.9%	48.6	48.6	0.0	-0.1%
90.1%	48.5	48.5	0.0	0.1%
91.4%	48.5	48.3	-0.2	-0.4%
92.6%	48.3	48.3	0.0	-0.1%
93.8%	48.3	48.1	-0.2	-0.4%
95.1%	48.1	48.1	0.0	0.1%
96.3%	48.1	48.0	0.0	0.0%
97.5%	48.0	47.9	-0.1	-0.3%
98.8%	47.5	47.5	0.0	0.0%
100.0%	47.5	47.5	0.0	0.0%

Table SQ14-1b

Clear Creek at Igo, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	58.9	59.7	0.8	1.4%
1.2%	57.5	58.8	1.2	2.2%
2.5%	56.7	58.0	1.3	2.3%
3.7%	55.7	55.7	0.1	0.1%
4.9%	55.3	55.4	0.1	0.2%
6.2%	55.3	55.4	0.1	0.1%
7.4%	54.9	54.9	0.0	0.0%
8.6%	54.9	54.9	0.0	-0.1%
9.9%	54.3	54.7	0.4	0.7%
11.1%	54.1	54.4	0.3	0.6%
12.3%	53.9	54.1	0.1	0.2%
13.6%	53.9	54.1	0.2	0.4%
14.8%	53.7	54.0	0.3	0.5%
16.0%	53.7	54.0	0.3	0.5%
17.3%	53.6	53.9	0.3	0.5%
18.5%	53.4	53.7	0.3	0.5%
19.8%	53.3	53.4	0.1	0.2%
21.0%	53.1	53.4	0.2	0.4%
22.2%	53.1	53.1	0.0	0.0%
23.5%	53.1	53.1	0.0	0.0%
24.7%	53.1	53.1	0.0	0.0%
25.9%	53.0	53.1	0.0	0.1%
27.2%	53.0	53.0	0.1	0.1%
28.4%	53.0	53.0	0.1	0.1%
29.6%	53.0	53.0	0.1	0.1%
30.9%	52.9	53.0	0.1	0.2%
32.1%	52.9	53.0	0.1	0.1%
33.3%	52.9	53.0	0.1	0.1%
34.6%	52.9	53.0	0.1	0.1%
35.8%	52.8	52.9	0.1	0.2%
37.0%	52.8	52.9	0.1	0.1%
38.3%	52.8	52.9	0.1	0.2%
39.5%	52.7	52.8	0.1	0.2%
40.7%	52.7	52.8	0.1	0.2%
42.0%	52.7	52.7	0.0	-0.1%
43.2%	52.6	52.6	0.0	0.0%
44.4%	52.6	52.6	0.0	0.0%
45.7%	52.6	52.6	0.0	0.1%
46.9%	52.5	52.5	0.0	0.0%
48.1%	52.5	52.4	0.0	-0.1%
49.4%	52.5	52.3	-0.1	-0.2%
50.6%	52.4	52.3	-0.1	-0.2%
51.9%	52.3	52.2	-0.1	-0.1%
53.1%	52.2	52.2	0.0	0.0%
54.3%	52.1	52.2	0.1	0.2%
55.6%	52.1	52.1	0.0	0.0%
56.8%	52.1	52.1	0.0	0.0%
58.0%	52.0	52.0	0.0	0.0%
59.3%	52.0	52.0	0.0	0.0%
60.5%	52.0	52.0	0.0	0.0%
61.7%	52.0	51.9	0.0	-0.1%
63.0%	51.9	51.9	0.0	0.0%
64.2%	51.8	51.8	0.0	0.0%
65.4%	51.7	51.7	0.0	-0.1%
66.7%	51.7	51.7	0.0	0.0%
67.9%	51.5	51.6	0.1	0.1%
69.1%	51.5	51.5	0.0	0.0%
70.4%	51.5	51.5	0.0	0.0%
71.6%	51.4	51.4	0.0	0.0%
72.8%	51.4	51.4	0.0	0.0%
74.1%	51.4	51.3	-0.1	-0.2%
75.3%	51.4	51.2	-0.1	-0.2%
76.5%	51.3	51.1	-0.2	-0.4%
77.8%	51.3	51.1	-0.1	-0.3%
79.0%	51.2	51.0	-0.2	-0.5%
80.2%	51.2	51.0	-0.2	-0.5%
81.5%	51.1	50.9	-0.2	-0.4%
82.7%	51.0	50.9	-0.1	-0.1%
84.0%	50.9	50.9	-0.1	-0.1%
85.2%	50.9	50.9	0.0	-0.1%
86.4%	50.9	50.8	-0.1	-0.2%
87.7%	50.8	50.7	0.0	-0.1%
88.9%	50.7	50.6	-0.1	-0.2%
90.1%	50.6	50.6	0.0	0.0%
91.4%	50.5	50.6	0.1	0.1%
92.6%	50.5	50.4	-0.1	-0.2%
93.8%	50.3	50.3	0.0	0.0%
95.1%	50.2	50.2	0.0	0.0%
96.3%	50.1	50.1	0.0	0.0%
97.5%	50.0	50.0	0.0	0.0%
98.8%	49.8	49.7	-0.1	-0.2%
100.0%	49.8	49.7	-0.1	-0.2%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	61.9	87.7	25.8	41.6%
1.2%	58.0	61.5	3.4	5.9%
2.5%	58.0	58.6	0.6	1.1%
3.7%	57.9	58.2	0.3	0.5%
4.9%	57.8	58.1	0.4	0.7%
6.2%	57.6	58.0	0.5	0.8%
7.4%	57.6	57.9	0.4	0.6%
8.6%	57.6	57.9	0.3	0.5%
9.9%	57.5	57.8	0.3	0.5%
11.1%	57.3	57.7	0.4	0.7%
12.3%	57.3	57.5	0.3	0.4%
13.6%	57.3	57.5	0.2	0.4%
14.8%	57.3	57.5	0.2	0.3%
16.0%	57.2	57.3	0.0	0.1%
17.3%	57.2	57.3	0.1	0.1%
18.5%	57.1	57.2	0.0	0.1%
19.8%	57.0	57.1	0.1	0.2%
21.0%	57.0	57.1	0.1	0.2%
22.2%	56.9	57.1	0.1	0.2%
23.5%	56.9	57.0	0.1	0.2%
24.7%	56.9	57.0	0.1	0.2%
25.9%	56.9	57.0	0.1	0.1%
27.2%	56.9	57.0	0.1	0.1%
28.4%	56.8	56.9	0.1	0.2%
29.6%	56.8	56.9	0.1	0.2%
30.9%	56.7	56.9	0.2	0.3%
32.1%	56.6	56.8	0.1	0.3%
33.3%	56.6	56.8	0.1	0.2%
34.6%	56.6	56.7	0.1	0.2%
35.8%	56.6	56.7	0.1	0.2%
37.0%	56.5	56.6	0.1	0.2%
38.3%	56.5	56.6	0.2	0.3%
39.5%	56.4	56.6	0.2	0.3%
40.7%	56.3	56.5	0.2	0.3%
42.0%	56.2	56.4	0.2	0.3%
43.2%	56.2	56.4	0.1	0.2%
44.4%	56.2	56.3	0.1	0.1%
45.7%	56.1	56.2	0.1	0.2%
46.9%	56.1	56.2	0.1	0.2%
48.1%	56.1	56.1	0.0	0.1%
49.4%	56.0	56.1	0.1	0.2%
50.6%	56.0	56.1	0.1	0.2%
51.9%	55.9	56.0	0.0	0.0%
53.1%	55.9	55.9	0.0	0.0%
54.3%	55.9	55.9	0.0	0.0%
55.6%	55.8	55.9	0.0	0.0%
56.8%	55.8	55.8	0.0	0.1%
58.0%	55.8	55.8	0.0	0.0%
59.3%	55.8	55.8	0.0	0.0%
60.5%	55.8	55.7	0.0	0.0%
61.7%	55.7	55.7	-0.1	-0.1%
63.0%	55.7	55.6	-0.1	-0.1%
64.2%	55.6	55.6	0.0	0.0%
65.4%	55.6	55.6	0.0	0.0%
66.7%	55.6	55.6	0.0	0.0%
67.9%	55.6	55.6	0.0	0.0%
69.1%	55.5	55.5	0.0	0.0%
70.4%	55.5	55.5	0.0	0.0%
71.6%	55.5	55.5	0.1	0.1%
72.8%	55.4	55.5	0.1	0.1%
74.1%	55.4	55.3	-0.1	-0.2%
75.3%	55.4	55.2	-0.2	-0.3%
76.5%	55.4	55.2	-0.2	-0.3%
77.8%	55.4	55.1	-0.2	-0.4%
79.0%	55.3	55.1	-0.2	-0.4%
80.2%	55.3	55.1	-0.2	-0.4%
81.5%	55.3	55.0	-0.3	-0.5%
82.7%	55.2	54.9	-0.3	-0.5%
84.0%	55.1	54.9	-0.3	-0.5%
85.2%	54.9	54.9	-0.1	-0.1%
86.4%	54.8	54.7	-0.1	-0.2%
87.7%	54.6	54.7	0.0	0.1%
88.9%	54.5	54.7	0.1	0.2%
90.1%	54.5	54.5	0.1	0.1%
91.4%	54.5	54.5	0.0	0.0%
92.6%	54.4	54.4	0.0	-0.1%
93.8%	54.4	54.4	0.0	0.1%
95.1%	54.4	54.3	-0.1	-0.1%
96.3%	54.3	54.2	-0.1	-0.2%
97.5%	54.3	54.2	0.0	-0.1%
98.8%	54.2	54.2	0.0	-0.1%
100.0%	54.2	54.2	0.0	-0.1%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.4	65.7	-0.6	-0.9%
1.2%	59.0	59.0	0.0	0.0%
2.5%	58.8	58.5	-0.3	-0.5%
3.7%	58.5	58.2	-0.3	-0.5%
4.9%	58.4	58.2	-0.2	-0.3%
6.2%	58.2	57.9	-0.3	-0.4%
7.4%	58.2	57.8	-0.4	-0.6%
8.6%	58.0	57.8	-0.2	-0.3%
9.9%	57.7	57.6	0.0	-0.1%
11.1%	57.5	57.5	0.0	0.0%
12.3%	57.5	57.5	0.0	0.0%
13.6%	57.5	57.5	0.0	0.0%
14.8%	57.3	57.5	0.1	0.2%
16.0%	57.3	57.5	0.1	0.2%
17.3%	57.3	57.4	0.1	0.2%
18.5%	57.3	57.4	0.0	0.1%
19.8%	57.3	57.4	0.0	0.1%
21.0%	57.3	57.3	0.0	0.1%
22.2%	57.2	57.3	0.2	0.3%
23.5%	57.1	57.3	0.2	0.3%
24.7%	57.0	57.2	0.2	0.3%
25.9%	57.0	57.2	0.2	0.4%
27.2%	56.9	57.2	0.3	0.4%
28.4%	56.9	57.1	0.1	0.3%
29.6%	56.9	57.0	0.1	0.2%
30.9%	56.9	56.9	0.0	0.0%
32.1%	56.9	56.9	0.0	0.0%
33.3%	56.8	56.8	0.0	0.0%
34.6%	56.8	56.7	-0.1	-0.1%
35.8%	56.8	56.6	-0.2	-0.4%
37.0%	56.8	56.5	-0.3	-0.4%
38.3%	56.8	56.5	-0.2	-0.4%
39.5%	56.5	56.4	-0.1	-0.1%
40.7%	56.5	56.4	-0.1	-0.2%
42.0%	56.4	56.4	-0.1	-0.1%
43.2%	56.3	56.4	0.0	0.0%
44.4%	56.3	56.3	0.1	0.1%
45.7%	56.3	56.3	0.1	0.1%
46.9%	56.3	56.3	0.1	0.1%
48.1%	56.2	56.3	0.0	0.1%
49.4%	56.2	56.3	0.1	0.2%
50.6%	56.1	56.2	0.1	0.1%
51.9%	56.1	56.2	0.1	0.2%
53.1%	56.0	56.2	0.2	0.4%
54.3%	55.9	56.1	0.2	0.4%
55.6%	55.9	56.0	0.1	0.1%
56.8%	55.9	55.9	0.1	0.1%
58.0%	55.8	55.9	0.0	0.1%
59.3%	55.8	55.9	0.0	0.0%
60.5%	55.8	55.7	-0.1	-0.2%
61.7%	55.8	55.7	-0.1	-0.2%
63.0%	55.8	55.6	-0.1	-0.2%
64.2%	55.8	55.5	-0.2	-0.4%
65.4%	55.7	55.5	-0.2	-0.3%
66.7%	55.6	55.5	-0.1	-0.2%
67.9%	55.6	55.5	-0.1	-0.3%
69.1%	55.6	55.5	-0.2	-0.3%
70.4%	55.6	55.4	-0.2	-0.3%
71.6%	55.6	55.4	-0.2	-0.3%
72.8%	55.6	55.3	-0.3	-0.5%
74.1%	55.5	55.2	-0.3	-0.5%
75.3%	55.5	55.2	-0.3	-0.6%
76.5%	55.3	55.1	-0.1	-0.3%
77.8%	55.3	55.1	-0.1	-0.2%
79.0%	55.3	55.1	-0.1	-0.2%
80.2%	55.2	55.1	-0.1	-0.1%
81.5%	55.2	55.0	-0.1	-0.2%
82.7%	55.1	55.0	-0.1	-0.2%
84.0%	55.1	55.0	-0.1	-0.3%
85.2%	55.1	54.8	-0.2	-0.4%
86.4%	55.0	54.8	-0.3	-0.5%
87.7%	55.0	54.7	-0.3	-0.6%
88.9%	55.0	54.7	-0.3	-0.5%
90.1%	54.9	54.7	-0.3	-0.5%
91.4%	54.9	54.6	-0.2	-0.4%
92.6%	54.8	54.6	-0.2	-0.4%
93.8%	54.8	54.6	-0.2	-0.4%
95.1%	54.7	54.5	-0.2	-0.3%
96.3%	54.6	54.5	-0.1	-0.2%
97.5%	54.4	54.2	-0.2	-0.3%
98.8%	54.4	54.1	-0.3	-0.6%
100.0%	54.4	54.1	-0.3	-0.6%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.3	66.1	-0.2	-0.3%
1.2%	61.9	60.0	-1.9	-3.1%
2.5%	60.3	58.3	-1.9	-3.2%
3.7%	59.7	58.2	-1.5	-2.6%
4.9%	58.3	57.6	-0.7	-1.2%
6.2%	57.1	56.9	-0.2	-0.3%
7.4%	56.7	56.7	-0.1	-0.2%
8.6%	56.7	56.5	-0.2	-0.4%
9.9%	56.6	56.3	-0.3	-0.5%
11.1%	56.6	56.2	-0.4	-0.7%
12.3%	56.4	56.1	-0.3	-0.5%
13.6%	56.1	56.1	0.0	0.0%
14.8%	55.9	56.1	0.1	0.2%
16.0%	55.9	56.0	0.1	0.1%
17.3%	55.9	56.0	0.0	0.1%
18.5%	55.9	55.9	0.0	0.0%
19.8%	55.9	55.8	-0.1	-0.2%
21.0%	55.8	55.7	-0.1	-0.2%
22.2%	55.7	55.5	-0.2	-0.3%
23.5%	55.5	55.3	-0.2	-0.4%
24.7%	55.4	55.2	-0.2	-0.3%
25.9%	55.4	55.2	-0.1	-0.2%
27.2%	55.3	55.2	-0.1	-0.2%
28.4%	55.3	55.2	-0.1	-0.2%
29.6%	55.3	55.1	-0.1	-0.3%
30.9%	55.1	55.0	-0.1	-0.2%
32.1%	54.8	54.9	0.1	0.2%
33.3%	54.8	54.8	0.0	0.1%
34.6%	54.7	54.7	0.0	0.1%
35.8%	54.7	54.7	0.0	0.1%
37.0%	54.6	54.7	0.0	0.0%
38.3%	54.6	54.7	0.1	0.2%
39.5%	54.5	54.6	0.1	0.2%
40.7%	54.5	54.4	-0.1	-0.1%
42.0%	54.4	54.2	-0.2	-0.3%
43.2%	54.4	54.2	-0.2	-0.3%
44.4%	54.3	54.1	-0.2	-0.4%
45.7%	54.3	54.1	-0.2	-0.3%
46.9%	54.3	54.1	-0.2	-0.4%
48.1%	54.1	54.0	0.0	0.0%
49.4%	54.0	54.0	0.0	0.0%
50.6%	54.0	54.0	0.0	0.0%
51.9%	53.9	53.7	-0.2	-0.4%
53.1%	53.9	53.7	-0.3	-0.5%
54.3%	53.7	53.6	0.0	-0.1%
55.6%	53.7	53.6	-0.1	-0.2%
56.8%	53.6	53.5	-0.1	-0.1%
58.0%	53.6	53.5	-0.1	-0.1%
59.3%	53.5	53.5	-0.1	-0.1%
60.5%	53.5	53.4	-0.1	-0.2%
61.7%	53.4	53.4	0.0	0.0%
63.0%	53.3	53.2	-0.2	-0.3%
64.2%	53.3	53.2	-0.1	-0.3%
65.4%	53.3	53.1	-0.2	-0.3%
66.7%	53.2	53.0	-0.1	-0.2%
67.9%	53.2	53.0	-0.2	-0.3%
69.1%	53.1	52.9	-0.1	-0.3%
70.4%	53.0	52.9	-0.2	-0.4%
71.6%	53.0	52.8	-0.2	-0.4%
72.8%	53.0	52.8	-0.2	-0.4%
74.1%	52.8	52.7	-0.1	-0.2%
75.3%	52.8	52.7	-0.1	-0.2%
76.5%	52.8	52.7	-0.1	-0.2%
77.8%	52.8	52.7	-0.1	-0.2%
79.0%	52.7	52.6	-0.1	-0.1%
80.2%	52.6	52.6	-0.1	-0.1%
81.5%	52.6	52.6	-0.1	-0.2%
82.7%	52.6	52.6	0.0	0.0%
84.0%	52.6	52.4	-0.1	-0.2%
85.2%	52.5	52.4	-0.1	-0.1%
86.4%	52.5	52.4	-0.1	-0.2%
87.7%	52.5	52.4	-0.1	-0.2%
88.9%	52.4	52.2	-0.1	-0.2%
90.1%	52.3	52.2	-0.1	-0.2%
91.4%	52.3	52.2	-0.1	-0.2%
92.6%	52.3	52.1	-0.1	-0.2%
93.8%	52.2	52.1	-0.1	-0.2%
95.1%	52.1	52.1	0.0	-0.1%
96.3%	52.0	52.0	-0.1	-0.1%
97.5%	52.0	51.9	-0.1	-0.2%
98.8%	52.0	51.8	-0.2	-0.3%
100.0%	52.0	51.8	-0.2	-0.3%

Table SQ14-1b

Clear Creek at Igo, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	63.4	63.0	-0.4	-0.6%
1.2%	58.1	61.9	3.8	6.5%
2.5%	58.0	58.5	0.5	0.9%
3.7%	57.7	57.6	-0.1	-0.2%
4.9%	57.4	57.4	0.0	0.0%
6.2%	56.9	57.3	0.4	0.7%
7.4%	56.9	57.0	0.1	0.2%
8.6%	56.6	56.7	0.1	0.1%
9.9%	56.6	56.5	-0.1	-0.2%
11.1%	56.3	56.5	0.2	0.3%
12.3%	56.3	56.3	0.1	0.2%
13.6%	56.1	56.3	0.2	0.4%
14.8%	56.1	56.3	0.3	0.4%
16.0%	56.1	56.3	0.2	0.3%
17.3%	56.1	56.0	0.0	-0.1%
18.5%	55.9	56.0	0.0	0.1%
19.8%	55.8	55.9	0.1	0.2%
21.0%	55.8	55.9	0.1	0.1%
22.2%	55.8	55.9	0.0	0.1%
23.5%	55.8	55.8	0.0	-0.1%
24.7%	55.7	55.7	0.0	0.0%
25.9%	55.7	55.7	0.0	0.1%
27.2%	55.5	55.7	0.2	0.4%
28.4%	55.5	55.7	0.2	0.4%
29.6%	55.4	55.7	0.3	0.5%
30.9%	55.4	55.6	0.3	0.5%
32.1%	55.4	55.5	0.1	0.2%
33.3%	55.3	55.4	0.1	0.1%
34.6%	55.3	55.4	0.1	0.1%
35.8%	55.1	55.3	0.2	0.3%
37.0%	55.1	55.2	0.1	0.2%
38.3%	55.1	55.2	0.1	0.2%
39.5%	55.0	55.1	0.1	0.2%
40.7%	54.9	55.1	0.1	0.3%
42.0%	54.9	54.9	0.1	0.1%
43.2%	54.8	54.8	0.0	0.1%
44.4%	54.8	54.8	0.1	0.1%
45.7%	54.8	54.8	0.1	0.1%
46.9%	54.8	54.8	0.1	0.1%
48.1%	54.7	54.8	0.0	0.1%
49.4%	54.7	54.8	0.1	0.1%
50.6%	54.7	54.7	0.1	0.1%
51.9%	54.6	54.6	0.0	0.0%
53.1%	54.6	54.6	0.0	0.0%
54.3%	54.5	54.6	0.1	0.3%
55.6%	54.4	54.4	-0.1	-0.1%
56.8%	54.3	54.4	0.1	0.1%
58.0%	54.3	54.4	0.1	0.2%
59.3%	54.2	54.2	0.0	0.0%
60.5%	54.2	54.2	0.0	-0.1%
61.7%	54.1	54.2	0.1	0.1%
63.0%	54.1	54.1	0.1	0.1%
64.2%	54.1	54.1	0.0	0.1%
65.4%	54.1	54.1	0.0	0.0%
66.7%	54.1	54.1	0.0	0.0%
67.9%	54.0	53.9	-0.2	-0.3%
69.1%	53.9	53.9	-0.1	-0.1%
70.4%	53.9	53.8	-0.1	-0.1%
71.6%	53.9	53.8	-0.1	-0.2%
72.8%	53.9	53.8	-0.1	-0.2%
74.1%	53.9	53.8	-0.1	-0.2%
75.3%	53.8	53.7	-0.2	-0.3%
76.5%	53.8	53.7	-0.1	-0.3%
77.8%	53.8	53.7	-0.1	-0.2%
79.0%	53.7	53.5	-0.3	-0.5%
80.2%	53.7	53.4	-0.3	-0.6%
81.5%	53.7	53.4	-0.3	-0.5%
82.7%	53.6	53.3	-0.3	-0.5%
84.0%	53.6	53.3	-0.2	-0.4%
85.2%	53.5	53.3	-0.2	-0.4%
86.4%	53.5	53.2	-0.3	-0.5%
87.7%	53.2	53.1	-0.1	-0.1%
88.9%	53.2	53.1	0.0	-0.1%
90.1%	53.2	53.1	0.0	-0.1%
91.4%	53.0	53.0	0.0	-0.1%
92.6%	53.0	53.0	0.0	0.0%
93.8%	53.0	53.0	0.0	0.0%
95.1%	53.0	52.9	0.0	0.0%
96.3%	52.9	52.9	0.0	0.0%
97.5%	52.8	52.7	-0.2	-0.3%
98.8%	52.8	52.6	-0.2	-0.3%
100.0%	52.4	52.2	-0.2	-0.4%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	64.9	65.4	0.5	0.8%
1.2%	59.0	64.4	5.4	9.1%
2.5%	58.6	58.4	-0.2	-0.3%
3.7%	58.5	58.2	-0.3	-0.5%
4.9%	58.4	58.1	-0.3	-0.5%
6.2%	57.6	57.5	-0.1	-0.2%
7.4%	57.4	57.4	0.0	-0.1%
8.6%	57.3	57.3	0.0	0.0%
9.9%	57.3	57.2	0.0	0.0%
11.1%	56.9	57.1	0.2	0.4%
12.3%	56.9	57.1	0.2	0.4%
13.6%	56.9	57.1	0.2	0.4%
14.8%	56.9	57.1	0.2	0.4%
16.0%	56.8	57.0	0.3	0.5%
17.3%	56.7	56.9	0.1	0.2%
18.5%	56.7	56.9	0.1	0.2%
19.8%	56.7	56.8	0.1	0.2%
21.0%	56.7	56.8	0.1	0.2%
22.2%	56.7	56.7	0.0	0.0%
23.5%	56.6	56.6	0.0	0.1%
24.7%	56.5	56.6	0.1	0.1%
25.9%	56.5	56.6	0.1	0.2%
27.2%	56.4	56.6	0.2	0.3%
28.4%	56.4	56.5	0.1	0.2%
29.6%	56.3	56.3	0.0	-0.1%
30.9%	56.3	56.2	-0.1	-0.1%
32.1%	56.2	56.2	0.0	0.0%
33.3%	56.1	56.2	0.0	0.1%
34.6%	56.1	56.1	0.0	0.0%
35.8%	55.9	56.1	0.2	0.3%
37.0%	55.9	56.1	0.2	0.3%
38.3%	55.8	56.0	0.1	0.2%
39.5%	55.8	55.8	0.0	0.0%
40.7%	55.6	55.7	0.1	0.3%
42.0%	55.5	55.7	0.2	0.4%
43.2%	55.5	55.6	0.1	0.2%
44.4%	55.5	55.6	0.1	0.2%
45.7%	55.5	55.5	0.0	0.0%
46.9%	55.5	55.5	0.0	0.0%
48.1%	55.5	55.5	0.0	0.0%
49.4%	55.5	55.5	0.0	0.1%
50.6%	55.5	55.5	0.0	0.0%
51.9%	55.4	55.4	0.0	0.1%
53.1%	55.4	55.4	0.1	0.1%
54.3%	55.3	55.3	0.0	-0.1%
55.6%	55.2	55.2	0.0	0.0%
56.8%	55.2	55.2	0.0	0.0%
58.0%	55.1	55.2	0.1	0.2%
59.3%	55.1	55.2	0.1	0.2%
60.5%	55.0	55.1	0.1	0.1%
61.7%	55.0	54.9	-0.2	-0.3%
63.0%	55.0	54.9	-0.2	-0.3%
64.2%	54.9	54.9	-0.1	-0.2%
65.4%	54.9	54.8	-0.1	-0.1%
66.7%	54.8	54.8	-0.1	-0.2%
67.9%	54.8	54.8	0.0	0.0%
69.1%	54.7	54.7	0.0	-0.1%
70.4%	54.7	54.6	-0.1	-0.2%
71.6%	54.7	54.5	-0.2	-0.4%
72.8%	54.7	54.4	-0.2	-0.4%
74.1%	54.6	54.4	-0.2	-0.3%
75.3%	54.6	54.4	-0.2	-0.3%
76.5%	54.5	54.4	-0.1	-0.2%
77.8%	54.5	54.4	-0.1	-0.2%
79.0%	54.4	54.2	-0.2	-0.4%
80.2%	54.4	54.2	-0.2	-0.4%
81.5%	54.4	54.2	-0.2	-0.3%
82.7%	54.3	54.1	-0.2	-0.3%
84.0%	54.3	54.1	-0.2	-0.4%
85.2%	54.2	54.0	-0.2	-0.4%
86.4%	54.2	54.0	-0.2	-0.3%
87.7%	54.1	54.0	-0.1	-0.1%
88.9%	54.0	54.0	0.0	0.0%
90.1%	54.0	53.9	0.0	0.0%
91.4%	53.9	53.9	0.0	0.0%
92.6%	53.9	53.9	0.0	-0.1%
93.8%	53.9	53.8	-0.1	-0.1%
95.1%	53.9	53.7	-0.2	-0.4%
96.3%	53.8	53.7	-0.1	-0.2%
97.5%	53.7	53.7	0.0	-0.1%
98.8%	53.7	53.4	-0.2	-0.4%
100.0%	53.3	53.1	-0.2	-0.4%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.3	65.9	-0.4	-0.6%
1.2%	60.4	58.9	-1.5	-2.5%
2.5%	59.3	58.7	-0.7	-1.1%
3.7%	58.9	58.1	-0.8	-1.4%
4.9%	58.7	57.7	-0.9	-1.6%
6.2%	57.5	57.3	-0.3	-0.4%
7.4%	57.4	57.2	-0.2	-0.3%
8.6%	57.3	57.2	-0.1	-0.2%
9.9%	57.1	57.1	0.0	0.0%
11.1%	57.0	56.9	-0.1	-0.1%
12.3%	56.9	56.9	0.0	0.1%
13.6%	56.8	56.8	0.0	0.1%
14.8%	56.7	56.8	0.0	0.0%
16.0%	56.7	56.7	0.0	0.1%
17.3%	56.6	56.7	0.1	0.1%
18.5%	56.6	56.7	0.1	0.2%
19.8%	56.5	56.6	0.0	0.1%
21.0%	56.4	56.5	0.1	0.2%
22.2%	56.3	56.3	0.0	0.0%
23.5%	56.3	56.3	0.0	0.0%
24.7%	56.3	56.3	-0.1	-0.1%
25.9%	56.2	56.2	0.0	0.0%
27.2%	56.1	56.1	-0.1	-0.1%
28.4%	56.1	56.0	-0.1	-0.2%
29.6%	56.0	56.0	0.0	0.0%
30.9%	55.9	56.0	0.0	0.0%
32.1%	55.9	55.9	0.0	-0.1%
33.3%	55.8	55.8	0.1	0.1%
34.6%	55.7	55.8	0.1	0.2%
35.8%	55.7	55.8	0.1	0.1%
37.0%	55.7	55.7	0.0	0.0%
38.3%	55.7	55.5	-0.2	-0.3%
39.5%	55.4	55.3	-0.1	-0.2%
40.7%	55.4	55.2	-0.2	-0.3%
42.0%	55.4	55.2	-0.1	-0.2%
43.2%	55.3	55.2	0.0	0.0%
44.4%	55.2	55.2	0.0	0.1%
45.7%	55.2	55.2	0.0	0.0%
46.9%	55.2	55.2	0.0	0.0%
48.1%	55.1	55.2	0.0	0.0%
49.4%	55.1	55.1	0.0	-0.1%
50.6%	55.1	55.0	-0.1	-0.2%
51.9%	55.1	55.0	-0.1	-0.2%
53.1%	55.1	55.0	-0.1	-0.2%
54.3%	54.9	55.0	0.1	0.1%
55.6%	54.9	54.9	-0.1	-0.1%
56.8%	54.9	54.8	-0.1	-0.2%
58.0%	54.9	54.7	-0.2	-0.3%
59.3%	54.7	54.6	-0.1	-0.2%
60.5%	54.7	54.5	-0.2	-0.3%
61.7%	54.6	54.5	-0.1	-0.2%
63.0%	54.6	54.5	-0.1	-0.2%
64.2%	54.6	54.4	-0.1	-0.2%
65.4%	54.5	54.4	-0.1	-0.2%
66.7%	54.4	54.2	-0.2	-0.3%
67.9%	54.4	54.2	-0.1	-0.3%
69.1%	54.3	54.1	-0.2	-0.4%
70.4%	54.2	54.1	-0.1	-0.2%
71.6%	54.2	54.0	-0.2	-0.3%
72.8%	54.2	54.0	-0.2	-0.3%
74.1%	54.2	54.0	-0.2	-0.3%
75.3%	54.1	54.0	-0.1	-0.3%
76.5%	54.0	53.9	-0.1	-0.2%
77.8%	54.0	53.8	-0.2	-0.3%
79.0%	54.0	53.8	-0.2	-0.3%
80.2%	53.9	53.8	-0.1	-0.3%
81.5%	53.9	53.8	-0.1	-0.2%
82.7%	53.8	53.7	-0.1	-0.2%
84.0%	53.8	53.7	-0.1	-0.2%
85.2%	53.8	53.7	-0.1	-0.2%
86.4%	53.8	53.6	-0.1	-0.3%
87.7%	53.7	53.6	-0.1	-0.2%
88.9%	53.7	53.6	-0.1	-0.2%
90.1%	53.7	53.6	-0.1	-0.2%
91.4%	53.7	53.6	-0.1	-0.2%
92.6%	53.6	53.6	0.0	-0.1%
93.8%	53.6	53.4	-0.2	-0.3%
95.1%	53.5	53.4	-0.1	-0.3%
96.3%	53.4	53.2	-0.2	-0.4%
97.5%	53.3	53.2	-0.2	-0.3%
98.8%	53.2	53.0	-0.2	-0.3%
100.0%	52.9	52.7	-0.2	-0.3%

Figure SQ15-1b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

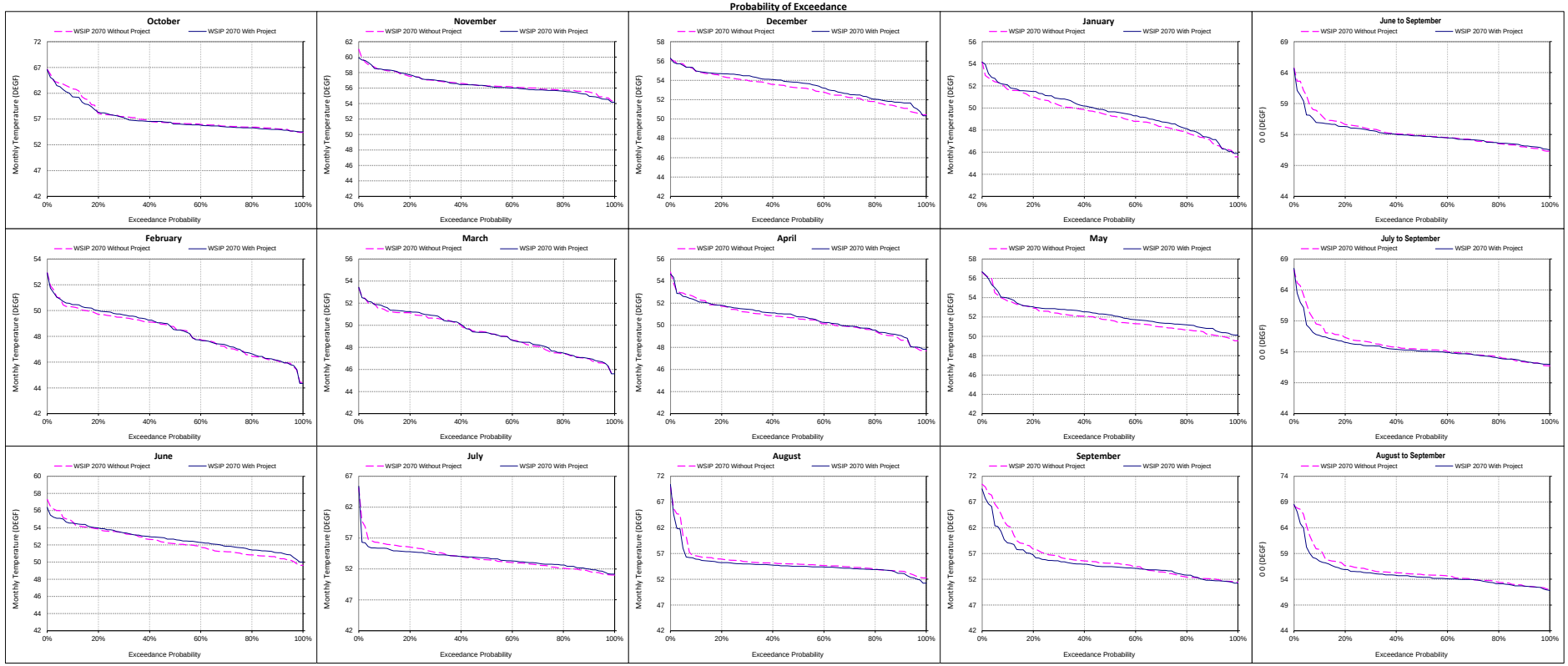


Table SQ15-1b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

October

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	66.6	66.6	0.0	0.0%
1.2%	65.7	65.1	-0.6	-0.9%
2.5%	64.4	64.6	0.2	0.3%
3.7%	64.1	63.5	-0.6	-1.0%
4.9%	63.9	63.3	-0.6	-1.0%
6.2%	63.8	62.7	-1.1	-1.7%
7.4%	63.5	62.3	-1.2	-1.9%
8.6%	63.2	62.0	-1.2	-1.8%
9.9%	62.9	61.3	-1.6	-2.5%
11.1%	62.8	61.2	-1.5	-2.4%
12.3%	62.4	61.2	-1.3	-2.0%
13.6%	61.3	60.3	-1.1	-1.7%
14.8%	60.9	59.9	-1.0	-1.7%
16.0%	60.7	59.8	-0.9	-1.5%
17.3%	59.8	59.4	-0.4	-0.7%
18.5%	59.7	58.8	-0.9	-1.5%
19.8%	58.2	58.3	0.2	0.3%
21.0%	57.9	58.2	0.3	0.5%
22.2%	57.9	58.2	0.3	0.6%
23.5%	57.8	58.1	0.2	0.4%
24.7%	57.8	57.8	0.0	0.1%
25.9%	57.8	57.7	-0.1	-0.1%
27.2%	57.8	57.6	-0.1	-0.3%
28.4%	57.5	57.5	0.0	0.0%
29.6%	57.5	57.3	-0.2	-0.3%
30.9%	57.4	57.1	-0.4	-0.6%
32.1%	57.3	56.8	-0.6	-1.0%
33.3%	57.3	56.8	-0.5	-0.9%
34.6%	57.3	56.7	-0.6	-1.0%
35.8%	57.0	56.6	-0.3	-0.5%
37.0%	56.9	56.6	-0.3	-0.5%
38.3%	56.9	56.6	-0.3	-0.4%
39.5%	56.7	56.6	-0.1	-0.2%
40.7%	56.5	56.5	0.0	0.1%
42.0%	56.4	56.5	0.1	0.1%
43.2%	56.4	56.5	0.1	0.2%
44.4%	56.4	56.5	0.1	0.2%
45.7%	56.3	56.4	0.1	0.1%
46.9%	56.3	56.4	0.1	0.2%
48.1%	56.3	56.4	0.1	0.2%
49.4%	56.2	56.0	-0.2	-0.3%
50.6%	56.2	56.0	-0.1	-0.2%
51.9%	56.2	56.0	-0.1	-0.2%
53.1%	56.1	56.0	-0.2	-0.3%
54.3%	56.1	55.9	-0.2	-0.3%
55.6%	56.1	55.9	-0.2	-0.3%
56.8%	56.1	55.9	-0.2	-0.4%
58.0%	56.1	55.9	-0.2	-0.4%
59.3%	56.0	55.9	-0.2	-0.3%
60.5%	55.9	55.8	-0.1	-0.3%
61.7%	55.9	55.7	-0.2	-0.3%
63.0%	55.9	55.7	-0.1	-0.3%
64.2%	55.8	55.7	-0.2	-0.3%
65.4%	55.8	55.6	-0.2	-0.3%
66.7%	55.8	55.6	-0.2	-0.3%
67.9%	55.7	55.6	-0.1	-0.2%
69.1%	55.6	55.5	-0.1	-0.2%
70.4%	55.6	55.4	-0.2	-0.3%
71.6%	55.6	55.4	-0.1	-0.3%
72.8%	55.6	55.4	-0.2	-0.3%
74.1%	55.6	55.3	-0.2	-0.4%
75.3%	55.5	55.3	-0.1	-0.2%
76.5%	55.5	55.3	-0.1	-0.3%
77.8%	55.4	55.3	-0.2	-0.3%
79.0%	55.4	55.3	-0.2	-0.3%
80.2%	55.4	55.3	-0.2	-0.3%
81.5%	55.4	55.2	-0.2	-0.3%
82.7%	55.4	55.2	-0.2	-0.4%
84.0%	55.3	55.1	-0.3	-0.5%
85.2%	55.3	55.1	-0.2	-0.4%
86.4%	55.3	55.0	-0.2	-0.4%
87.7%	55.2	55.0	-0.2	-0.4%
88.9%	55.1	55.0	-0.1	-0.2%
90.1%	55.1	55.0	-0.1	-0.2%
91.4%	55.1	54.9	-0.1	-0.3%
92.6%	55.0	54.9	-0.2	-0.3%
93.8%	55.0	54.8	-0.2	-0.3%
95.1%	54.7	54.7	0.0	0.0%
96.3%	54.6	54.7	0.0	0.0%
97.5%	54.5	54.5	0.0	0.1%
98.8%	54.4	54.5	0.1	0.2%
100.0%	54.4	54.5	0.0	0.2%

November

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	61.0	59.9	-1.1	-1.8%
1.2%	59.9	59.6	-0.3	-0.5%
2.5%	59.4	59.6	0.2	0.4%
3.7%	59.0	59.3	0.3	0.5%
4.9%	58.9	59.0	0.1	0.2%
6.2%	58.7	58.5	-0.2	-0.3%
7.4%	58.5	58.5	0.0	0.0%
8.6%	58.4	58.5	0.0	0.0%
9.9%	58.4	58.4	0.0	0.0%
11.1%	58.2	58.4	0.1	0.2%
12.3%	58.2	58.3	0.1	0.2%
13.6%	58.2	58.3	0.1	0.2%
14.8%	58.1	58.1	0.0	0.0%
16.0%	57.9	58.0	0.1	0.2%
17.3%	57.7	57.9	0.2	0.3%
18.5%	57.7	57.8	0.2	0.3%
19.8%	57.5	57.7	0.2	0.4%
21.0%	57.5	57.6	0.2	0.3%
22.2%	57.4	57.5	0.0	0.0%
23.5%	57.4	57.4	0.0	-0.1%
24.7%	57.2	57.2	0.0	0.0%
25.9%	57.1	57.1	0.1	0.1%
27.2%	57.0	57.1	0.1	0.1%
28.4%	57.0	57.1	0.1	0.1%
29.6%	57.0	57.0	0.0	0.1%
30.9%	56.9	57.0	0.1	0.1%
32.1%	56.9	56.9	0.1	0.1%
33.3%	56.8	56.9	0.1	0.2%
34.6%	56.8	56.8	0.0	0.1%
35.8%	56.8	56.6	-0.1	-0.2%
37.0%	56.7	56.6	-0.1	-0.2%
38.3%	56.7	56.6	-0.1	-0.1%
39.5%	56.6	56.5	-0.1	-0.3%
40.7%	56.6	56.4	-0.1	-0.3%
42.0%	56.5	56.4	-0.1	-0.1%
43.2%	56.5	56.4	0.0	0.0%
44.4%	56.4	56.4	0.0	0.0%
45.7%	56.4	56.4	0.0	0.0%
46.9%	56.3	56.4	0.0	0.0%
48.1%	56.3	56.3	0.0	0.1%
49.4%	56.3	56.3	0.0	0.0%
50.6%	56.3	56.2	-0.1	-0.1%
51.9%	56.3	56.2	-0.1	-0.2%
53.1%	56.3	56.1	-0.2	-0.3%
54.3%	56.2	56.1	-0.1	-0.2%
55.6%	56.2	56.1	-0.2	-0.3%
56.8%	56.2	56.1	-0.1	-0.3%
58.0%	56.2	56.0	-0.2	-0.3%
59.3%	56.2	56.0	-0.2	-0.3%
60.5%	56.1	56.0	-0.1	-0.2%
61.7%	56.1	56.0	-0.1	-0.2%
63.0%	56.1	55.9	-0.1	-0.3%
64.2%	56.1	55.9	-0.2	-0.3%
65.4%	56.0	55.9	-0.2	-0.3%
66.7%	56.0	55.8	-0.2	-0.4%
67.9%	56.0	55.8	-0.2	-0.4%
69.1%	56.0	55.8	-0.2	-0.4%
70.4%	55.9	55.8	-0.1	-0.3%
71.6%	55.8	55.8	-0.1	-0.2%
72.8%	55.8	55.7	-0.1	-0.2%
74.1%	55.8	55.7	-0.1	-0.2%
75.3%	55.8	55.7	-0.1	-0.2%
76.5%	55.8	55.7	-0.1	-0.2%
77.8%	55.8	55.7	-0.1	-0.2%
79.0%	55.8	55.6	-0.2	-0.3%
80.2%	55.7	55.6	-0.1	-0.2%
81.5%	55.7	55.5	-0.2	-0.3%
82.7%	55.7	55.5	-0.2	-0.4%
84.0%	55.7	55.5	-0.3	-0.4%
85.2%	55.6	55.4	-0.2	-0.3%
86.4%	55.6	55.3	-0.3	-0.5%
87.7%	55.6	55.2	-0.3	-0.6%
88.9%	55.6	55.2	-0.3	-0.6%
90.1%	55.5	54.9	-0.6	-1.0%
91.4%	55.4	54.9	-0.5	-0.9%
92.6%	55.3	54.9	-0.5	-0.9%
93.8%	54.9	54.8	-0.1	-0.2%
95.1%	54.9	54.6	-0.3	-0.5%
96.3%	54.8	54.6	-0.2	-0.4%
97.5%	54.7	54.5	-0.2	-0.4%
98.8%	54.4	54.2	-0.2	-0.3%
100.0%	54.4	54.2	-0.2	-0.3%

December

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.2	56.3	0.1	0.2%
1.2%	56.0	55.9	-0.2	-0.3%
2.5%	55.8	55.7	-0.1	-0.1%
3.7%	55.8	55.7	-0.1	-0.1%
4.9%	55.7	55.6	-0.2	-0.3%
6.2%	55.4	55.4	0.0	0.0%
7.4%	55.4	55.4	0.0	0.0%
8.6%	55.3	55.3	0.1	0.2%
9.9%	55.0	55.0	0.0	0.1%
11.1%	54.8	54.9	0.1	0.2%
12.3%	54.8	54.9	0.1	0.1%
13.6%	54.7	54.8	0.1	0.2%
14.8%	54.7	54.8	0.1	0.2%
16.0%	54.7	54.7	0.1	0.1%
17.3%	54.6	54.7	0.1	0.2%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.4	54.7	0.2	0.5%
21.0%	54.4	54.7	0.3	0.6%
22.2%	54.3	54.7	0.4	0.7%
23.5%	54.3	54.6	0.4	0.7%
24.7%	54.2	54.6	0.4	0.8%
25.9%	54.1	54.6	0.4	0.8%
27.2%	54.1	54.6	0.5	0.8%
28.4%	54.0	54.5	0.4	0.8%
29.6%	54.0	54.5	0.4	0.8%
30.9%	53.9	54.5	0.5	1.0%
32.1%	53.9	54.4	0.5	0.9%
33.3%	53.9	54.3	0.4	0.8%
34.6%	53.8	54.2	0.4	0.7%
35.8%	53.8	54.1	0.3	0.6%
37.0%	53.7	54.1	0.4	0.7%
38.3%	53.7	54.1	0.4	0.8%
39.5%	53.6	54.1	0.5	1.0%
40.7%	53.6	54.1	0.5	0.9%
42.0%	53.5	54.0	0.5	0.9%
43.2%	53.5	54.0	0.5	1.0%
44.4%	53.5	53.9	0.4	0.8%
45.7%	53.3	53.9	0.5	1.0%
46.9%	53.3	53.8	0.5	1.0%
48.1%	53.3	53.8	0.6	1.1%
49.4%	53.2	53.8	0.6	1.1%
50.6%	53.2	53.8	0.5	1.0%
51.9%	53.2	53.7	0.5	0.9%
53.1%	53.2	53.7	0.5	0.9%
54.3%	53.1	53.7	0.6	1.1%
55.6%	53.1	53.5	0.5	0.9%
56.8%	52.9	53.5	0.6	1.1%
58.0%	52.8	53.4	0.6	1.0%
59.3%	52.8	53.2	0.4	0.8%
60.5%	52.7	53.2	0.5	0.9%
61.7%	52.6	53.0	0.4	0.7%
63.0%	52.5	53.0	0.4	0.8%
64.2%	52.5	52.9	0.4	0.8%
65.4%	52.5	52.8	0.3	0.6%
66.7%	52.5	52.7	0.3	0.5%
67.9%	52.4	52.7	0.3	0.6%
69.1%	52.3	52.6	0.4	0.7%
70.4%	52.2	52.5	0.3	0.6%
71.6%	52.2	52.5	0.3	0.6%
72.8%	52.2	52.5	0.3	0.6%
74.1%	52.1	52.5	0.4	0.7%
75.3%	51.9	52.3	0.4	0.8%
76.5%	51.9	52.3	0.4	0.8%
77.8%	51.8	52.2	0.4	0.7%
79.0%	51.8	52.1	0.3	0.5%
80.2%	51.8	52.1	0.2	0.5%
81.5%	51.6	52.0	0.4	0.7%
82.7%	51.6	51.9	0.4	0.7%
84.0%	51.5	51.9	0.4	0.8%
85.2%	51.5	51.8	0.4	0.7%
86.4%	51.4	51.8	0.4	0.8%
87.7%	51.4	51.8	0.4	0.8%
88.9%	51.2	51.7	0.5	1.0%
90.1%	51.2	51.7	0.5	1.0%
91.4%	51.1	51.7	0.6	1.1%
92.6%	51.1	51.7	0.6	1.1%
93.8%	50.8	51.7	0.9	1.7%
95.1%	50.7	51.2	0.5	1.1%
96.3%	50.6	51.0	0.4	0.8%
97.5%	50.5	50.8	0.3	0.6%
98.8%	50.4	50.3	-0.1	-0.2%
100.0%	50.4	50.3	-0.1	-0.2%

January

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.2	54.2	0.0	0.0%
1.2%	52.9	54.0	1.0	1.9%
2.5%	52.7	53.1	0.4	0.7%
3.7%	52.5	52.8	0.2	0.4%
4.9%	52.4	52.7	0.3	0.6%
6.2%	52.3	52.3	0.0	0.0%
7.4%	52.2	52.2	0.0	0.0%
8.6%	52.0	52.1	0.2	0.3%
9.9%	51.7	52.1	0.4	0.8%
11.1%	51.6	51.8	0.2	0.4%
12.3%	51.6	51.8	0.2	0.3%
13.6%	51.6	51.7	0.1	0.3%
14.8%	51.6	51.6	0.0	0.0%
16.0%	51.4	51.6	0.2	0.4%
17.3%	51.3	51.5	0.3	0.5%
18.5%	51.1	51.5	0.4	0.9%
19.8%	51.0	51.5	0.5	0.9%
21.0%	50.9	51.5	0.6	1.1%
22.2%	50.8	51.3	0.5	1.0%
23.5%	50.8	51.3	0.5	1.0%
24.7%	50.7	51.1	0.4	0.8%
25.9%	50.7	51.1	0.4	0.9%
27.2%	50.4	51.1	0.7	1.3%
28.4%	50.4	50.9	0.5	1.0%
29.6%	50.3	50.9	0.6	1.1%
30.9%	50.2	50.8	0.6	1.3%
32.1%	50.1	50.8	0.7	1.4%
33.3%	50.1	50.7	0.7	1.4%
34.6%	50.1	50.7	0.6	1.2%
35.8%	50.0	50.5	0.5	1.0%
37.0%	50.0	50.4	0.4	0.8%
38.3%	49.9	50.3	0.4	0.7%
39.5%	49.9	50.2	0.3	0.6%
40.7%	49.8	50.2	0.4	0.7%
42.0%	49.7	50.1	0.4	0.7%
43.2%	49.7	50.1	0.3	0.7%
44.4%	49.6	49.9	0.3	0.6%
45.7%	49.6	49.9	0.3	0.6%
46.9%	49.5	49.9	0.4	0.7%
48.1%	49.4	49.8	0.4	0.7%
49.4%	49.4	49.7	0.3	0.5%
50.6%	49.3	49.7	0.4	0.8%
51.9%	49.2	49.6	0.4	0.8%
53.1%	49.2	49.6	0.4	0.9%
54.3%	49.2	49.5	0.4	0.8%
55.6%	49.0	49.5	0.5	1.0%
56.8%	49.0	49.5	0.5	1.0%
58.0%	48.9	49.4	0.5	1.0%
59.3%	48.8	49.3	0.5	1.0%
60.5%	48.8	49.3	0.5	1.0%
61.7%	48.8	49.2	0.4	0.8%
63.0%	48.7	49.2	0.4	0.9%
64.2%	48.7	49.1	0.4	0.8%
65.4%	48.7	49.0	0.3	0.7%
66.7%	48.6	49.0	0.4	0.8%
67.9%	48.5	48.9	0.4	0.8%
69.1%	48.3	48.8	0.5	1.1%
70.4%	48.3	48.7	0.4	0.9%
71.6%	48.3	48.7	0.4	0.9%
72.8%	48.2	48.7	0.5	1.0%
74.1%	48.1	48.6	0.4	0.9%
75.3%	48.1	48.6	0.5	1.0%
76.5%	48.0	48.4	0.4	0.9%
77.8%	47.9	48.3	0.4	0.8%
79.0%	47.9	48.2	0.3	0.6%
80.2%	47.7	48.1	0.4	0.8%
81.5%	47.6	47.9	0.3	0.7%
82.7%	47.5	47.9	0.4	0.8%
84.0%	47.5	47.8	0.3	0.6%
85.2%	47.3	47.6	0.3	0.6%
86.4%	47.3	47.4	0.1	0.2%
87.7%	47.2	47.4	0.2	0.5%
88.9%	47.1	47.3	0.2	0.4%
90.1%	46.8	47.1	0.3	0.7%
91.4%	46.6	47.1	0.5	1.1%
92.6%	46.6	46.8	0.2	0.4%
93.8%	46.4	46.3	-0.1	-0.1%
95.1%	46.3	46.3	0.0	-0.1%
96.3%	46.2	46.1	-0.2	-0.3%
97.5%	46.2	46.1	-0.1	-0.2%
98.8%	45.6	45.9	0.3	0.7%
100.0%	45.6	45.9	0.3	0.7%

Table SQ15-1b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

February

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	52.9	52.9	0.0	0.0%
1.2%	51.9	51.8	-0.2	-0.3%
2.5%	51.6	51.4	-0.2	-0.4%
3.7%	51.0	51.0	0.0	0.0%
4.9%	51.0	50.9	-0.1	-0.2%
6.2%	50.4	50.7	0.3	0.5%
7.4%	50.3	50.6	0.3	0.5%
8.6%	50.3	50.6	0.3	0.5%
9.9%	50.3	50.5	0.2	0.4%
11.1%	50.2	50.4	0.2	0.4%
12.3%	50.2	50.4	0.3	0.5%
13.6%	50.0	50.3	0.3	0.5%
14.8%	50.0	50.2	0.2	0.5%
16.0%	50.0	50.2	0.3	0.5%
17.3%	49.9	50.2	0.3	0.5%
18.5%	49.8	50.0	0.2	0.4%
19.8%	49.7	50.0	0.3	0.6%
21.0%	49.7	49.9	0.3	0.5%
22.2%	49.7	49.9	0.3	0.5%
23.5%	49.6	49.9	0.3	0.6%
24.7%	49.6	49.9	0.3	0.6%
25.9%	49.6	49.8	0.2	0.4%
27.2%	49.5	49.7	0.3	0.5%
28.4%	49.5	49.7	0.2	0.5%
29.6%	49.5	49.7	0.2	0.4%
30.9%	49.4	49.6	0.2	0.4%
32.1%	49.4	49.6	0.2	0.4%
33.3%	49.3	49.6	0.2	0.5%
34.6%	49.3	49.5	0.2	0.5%
35.8%	49.3	49.4	0.2	0.3%
37.0%	49.2	49.4	0.2	0.4%
38.3%	49.1	49.4	0.2	0.5%
39.5%	49.1	49.3	0.2	0.3%
40.7%	49.1	49.3	0.2	0.3%
42.0%	49.1	49.2	0.1	0.2%
43.2%	49.1	49.1	0.0	0.0%
44.4%	48.9	49.0	0.1	0.2%
45.7%	48.9	49.0	0.1	0.2%
46.9%	48.9	49.0	0.1	0.2%
48.1%	48.8	48.8	0.0	0.0%
49.4%	48.8	48.5	-0.2	-0.5%
50.6%	48.5	48.5	0.0	0.0%
51.9%	48.5	48.5	0.0	0.0%
53.1%	48.5	48.4	0.0	-0.1%
54.3%	48.4	48.3	-0.1	-0.2%
55.6%	48.3	48.2	0.0	-0.1%
56.8%	47.9	47.9	0.0	0.0%
58.0%	47.8	47.7	0.0	-0.1%
59.3%	47.8	47.7	-0.1	-0.1%
60.5%	47.7	47.7	-0.1	-0.1%
61.7%	47.7	47.7	0.0	0.0%
63.0%	47.6	47.6	0.0	0.0%
64.2%	47.6	47.5	-0.1	-0.1%
65.4%	47.5	47.5	-0.1	-0.1%
66.7%	47.3	47.4	0.1	0.3%
67.9%	47.3	47.4	0.1	0.3%
69.1%	47.2	47.4	0.1	0.3%
70.4%	47.1	47.3	0.2	0.5%
71.6%	47.0	47.2	0.1	0.3%
72.8%	47.0	47.2	0.1	0.3%
74.1%	46.9	47.0	0.1	0.2%
75.3%	46.9	47.0	0.1	0.3%
76.5%	46.9	46.8	-0.1	-0.2%
77.8%	46.6	46.8	0.2	0.4%
79.0%	46.6	46.7	0.1	0.3%
80.2%	46.4	46.6	0.2	0.4%
81.5%	46.4	46.5	0.1	0.2%
82.7%	46.4	46.5	0.1	0.1%
84.0%	46.4	46.4	0.1	0.1%
85.2%	46.3	46.3	0.0	0.0%
86.4%	46.2	46.3	0.1	0.2%
87.7%	46.2	46.2	0.1	0.1%
88.9%	46.2	46.2	0.0	0.0%
90.1%	46.1	46.1	0.0	0.1%
91.4%	46.0	46.1	0.1	0.2%
92.6%	45.9	45.9	0.0	0.0%
93.8%	45.9	45.9	0.0	0.0%
95.1%	45.9	45.8	-0.1	-0.2%
96.3%	45.6	45.7	0.1	0.2%
97.5%	45.4	45.4	0.0	0.1%
98.8%	44.4	44.3	-0.1	-0.2%
100.0%	44.4	44.3	-0.1	-0.2%

March

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	53.4	53.4	0.1	0.1%
1.2%	52.6	52.5	-0.1	-0.2%
2.5%	52.4	52.4	0.0	0.0%
3.7%	52.0	52.2	0.2	0.3%
4.9%	52.0	52.1	0.1	0.2%
6.2%	51.9	51.9	-0.1	-0.1%
7.4%	51.6	51.9	0.3	0.6%
8.6%	51.5	51.8	0.3	0.5%
9.9%	51.4	51.7	0.2	0.4%
11.1%	51.3	51.6	0.3	0.7%
12.3%	51.2	51.4	0.1	0.3%
13.6%	51.2	51.4	0.2	0.3%
14.8%	51.2	51.3	0.2	0.4%
16.0%	51.1	51.3	0.2	0.3%
17.3%	51.1	51.3	0.1	0.3%
18.5%	51.1	51.2	0.1	0.2%
19.8%	51.1	51.2	0.1	0.2%
21.0%	51.1	51.2	0.1	0.3%
22.2%	50.9	51.2	0.3	0.5%
23.5%	50.9	51.2	0.3	0.5%
24.7%	50.9	51.1	0.2	0.3%
25.9%	50.9	51.0	0.1	0.2%
27.2%	50.7	51.0	0.3	0.6%
28.4%	50.7	50.9	0.3	0.5%
29.6%	50.6	50.9	0.2	0.5%
30.9%	50.6	50.8	0.2	0.4%
32.1%	50.6	50.6	0.1	0.2%
33.3%	50.5	50.4	-0.1	-0.2%
34.6%	50.5	50.4	-0.1	-0.2%
35.8%	50.4	50.4	0.0	0.0%
37.0%	50.3	50.3	0.0	0.1%
38.3%	50.2	50.3	0.1	0.1%
39.5%	50.1	50.1	0.1	0.1%
40.7%	49.8	50.0	0.1	0.3%
42.0%	49.7	49.7	0.0	0.0%
43.2%	49.7	49.6	0.0	-0.1%
44.4%	49.5	49.4	-0.1	-0.2%
45.7%	49.5	49.4	-0.1	-0.1%
46.9%	49.4	49.4	-0.1	-0.2%
48.1%	49.4	49.4	-0.1	-0.1%
49.4%	49.4	49.4	0.0	0.0%
50.6%	49.4	49.3	-0.1	-0.1%
51.9%	49.2	49.2	0.0	0.0%
53.1%	49.2	49.2	0.0	0.0%
54.3%	49.1	49.1	0.0	0.1%
55.6%	49.0	49.0	0.0	-0.1%
56.8%	49.0	49.0	0.0	0.0%
58.0%	49.0	49.0	0.0	0.0%
59.3%	48.7	48.7	0.0	0.0%
60.5%	48.6	48.6	0.0	0.0%
61.7%	48.6	48.5	-0.1	-0.2%
63.0%	48.5	48.5	0.0	0.1%
64.2%	48.4	48.5	0.0	0.1%
65.4%	48.3	48.5	0.2	0.4%
66.7%	48.2	48.5	0.2	0.5%
67.9%	48.2	48.3	0.1	0.3%
69.1%	48.1	48.2	0.1	0.3%
70.4%	48.1	48.2	0.1	0.3%
71.6%	48.0	48.2	0.2	0.3%
72.8%	47.8	48.1	0.3	0.6%
74.1%	47.7	48.0	0.3	0.6%
75.3%	47.5	47.7	0.1	0.3%
76.5%	47.5	47.7	0.2	0.3%
77.8%	47.5	47.6	0.1	0.1%
79.0%	47.5	47.5	0.1	0.2%
80.2%	47.4	47.5	0.1	0.1%
81.5%	47.4	47.4	0.0	0.0%
82.7%	47.2	47.3	0.1	0.1%
84.0%	47.2	47.3	0.0	0.1%
85.2%	47.2	47.1	-0.1	-0.1%
86.4%	47.1	47.1	0.0	0.0%
87.7%	47.0	47.1	0.0	0.1%
88.9%	47.0	47.0	0.0	0.1%
90.1%	47.0	47.0	0.0	0.1%
91.4%	46.7	46.9	0.2	0.4%
92.6%	46.7	46.8	0.1	0.2%
93.8%	46.6	46.7	0.1	0.3%
95.1%	46.6	46.7	0.1	0.2%
96.3%	46.5	46.6	0.0	0.0%
97.5%	46.2	46.3	0.1	0.2%
98.8%	45.7	45.6	-0.1	-0.2%
100.0%	45.7	45.6	-0.1	-0.2%

April

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	54.8	54.6	-0.2	-0.3%
1.2%	53.8	54.3	0.6	1.1%
2.5%	53.1	52.9	-0.2	-0.3%
3.7%	53.0	52.9	-0.1	-0.2%
4.9%	52.9	52.6	-0.3	-0.6%
6.2%	52.8	52.6	-0.2	-0.4%
7.4%	52.8	52.4	-0.3	-0.6%
8.6%	52.6	52.4	-0.3	-0.5%
9.9%	52.5	52.2	-0.2	-0.5%
11.1%	52.3	52.1	-0.2	-0.4%
12.3%	52.2	52.1	-0.2	-0.3%
13.6%	52.2	52.1	-0.2	-0.3%
14.8%	51.9	52.0	0.2	0.3%
16.0%	51.9	51.9	0.1	0.1%
17.3%	51.9	51.9	0.0	0.0%
18.5%	51.8	51.8	0.0	0.0%
19.8%	51.7	51.8	0.1	0.2%
21.0%	51.7	51.8	0.1	0.2%
22.2%	51.7	51.7	0.0	0.0%
23.5%	51.4	51.6	0.2	0.4%
24.7%	51.4	51.6	0.1	0.3%
25.9%	51.4	51.6	0.1	0.3%
27.2%	51.2	51.5	0.3	0.5%
28.4%	51.2	51.5	0.3	0.5%
29.6%	51.2	51.5	0.3	0.5%
30.9%	51.2	51.4	0.3	0.5%
32.1%	51.1	51.4	0.3	0.6%
33.3%	51.1	51.3	0.3	0.5%
34.6%	51.0	51.3	0.3	0.5%
35.8%	51.0	51.2	0.2	0.3%
37.0%	50.9	51.2	0.2	0.4%
38.3%	50.9	51.2	0.3	0.5%
39.5%	50.9	51.1	0.2	0.5%
40.7%	50.8	51.1	0.3	0.6%
42.0%	50.8	51.1	0.2	0.5%
43.2%	50.8	51.0	0.2	0.5%
44.4%	50.8	51.0	0.3	0.6%
45.7%	50.7	51.0	0.3	0.6%
46.9%	50.7	51.0	0.3	0.6%
48.1%	50.7	50.9	0.2	0.4%
49.4%	50.6	50.8	0.2	0.3%
50.6%	50.6	50.8	0.2	0.4%
51.9%	50.5	50.8	0.2	0.4%
53.1%	50.5	50.7	0.2	0.4%
54.3%	50.5	50.6	0.1	0.2%
55.6%	50.5	50.6	0.1	0.2%
56.8%	50.5	50.5	0.0	0.0%
58.0%	50.3	50.4	0.1	0.2%
59.3%	50.1	50.3	0.1	0.3%
60.5%	50.1	50.3	0.1	0.2%
61.7%	50.1	50.3	0.1	0.2%
63.0%	50.1	50.2	0.1	0.1%
64.2%	50.0	50.2	0.2	0.3%
65.4%	49.9	50.1	0.2	0.4%
66.7%	49.9	50.0	0.0	0.1%
67.9%	49.9	50.0	0.0	0.1%
69.1%	49.9	49.9	0.0	0.1%
70.4%	49.9	49.9	0.0	0.1%
71.6%	49.8	49.9	0.1	0.1%
72.8%	49.8	49.9	0.1	0.1%
74.1%	49.7	49.8	0.0	0.1%
75.3%	49.7	49.7	0.0	0.1%
76.5%	49.6	49.7	0.1	0.2%
77.8%	49.6	49.7	0.1	0.2%
79.0%	49.6	49.6	0.0	-0.1%
80.2%	49.4	49.6	0.1	0.2%
81.5%	49.3	49.4	0.1	0.2%
82.7%	49.2	49.4	0.2	0.4%
84.0%	49.1	49.3	0.2	0.4%
85.2%	49.1	49.3	0.2	0.4%
86.4%	49.1	49.2	0.2	0.3%
87.7%	49.0	49.2	0.1	0.3%
88.9%	48.9	49.1	0.3	0.5%
90.1%	48.6	49.1	0.4	0.9%
91.4%	48.6	48.9	0.3	0.6%
92.6%	48.6	48.8	0.2	0.4%
93.8%	48.1	48.1	0.0	-0.1%
95.1%	48.1	48.0	0.0	0.0%
96.3%	47.9	48.0	0.1	0.2%
97.5%	47.7	48.0	0.2	0.5%
98.8%	47.7	47.8	0.2	0.3%
100.0%	47.7	47.8	0.2	0.3%

May

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	56.6	56.7	0.1	0.1%
1.2%	56.3	56.4	0.1	0.1%
2.5%	56.1	55.9	-0.2	-0.3%
3.7%	56.0	55.3	-0.7	-1.2%
4.9%	54.5	55.0	0.5	0.9%
6.2%	54.3	54.7	0.4	0.7%
7.4%	54.0	54.0	0.0	0.1%
8.6%	53.8	54.0	0.2	0.3%
9.9%	53.7	54.0	0.3	0.6%
11.1%	53.6	53.9	0.2	0.5%
12.3%	53.4	53.7	0.3	0.5%
13.6%	53.3	53.4	0.1	0.3%
14.8%	53.3	53.3	0.0	0.0%
16.0%	53.2	53.2	0.0	0.0%
17.3%	53.1	53.1	0.0	0.0%
18.5%	53.1	53.1	0.0	0.0%
19.8%	52.9	53.1	0.1	0.3%
21.0%	52.9	53.0	0.1	0.1%
22.2%	52.6	52.9	0.3	0.6%
23.5%	52.6	52.9	0.3	0.6%
24.7%	52.6	52.9	0.3	0.5%
25.9%	52.6	52.9	0.3	0.5%
27.2%	52.4	52.9	0.4	0.8%
28.4%	52.4	52.9	0.4	0.8%
29.6%	52.4	52.8	0.4	0.8%
30.9%	52.3	52.8	0.5	0.9%
32.1%	52.3	52.8	0.5	0.9%
33.3%	52.2	52.7	0.5	1.0%
34.6%	52.2	52.7	0.5	1.0%
35.8%	52.1	52.7	0.5	1.0%
37.0%	52.1	52.7	0.6	1.1%
38.3%	52.1	52.6	0.5	1.0%
39.5%	52.1	52.5	0.4	0.9%
40.7%	52.1	52.5	0.5	0.9%
42.0%	52.0	52.5	0.5	0.9%
43.2%	52.0	52.4	0.4	0.7%
44.4%	51.9	52.4	0.5	0.9%
45.7%	51.9	52.3	0.4	0.9%
46.9%	51.8	52.3	0.5	1.1%
48.1%	51.7	52.3	0.6	1.1%
49.4%	51.7	52.2	0.5	1.0%
50.6%	51.6	52.2	0.5	1.1%
51.9%	51.6	52.1	0.5	1.0%
53.1%	51.4	52.1	0.6	1.2%
54.3%	51.4	52.0	0.6	1.1%
55.6%	51.4	51.9	0.4	0.9%
56.8%	51.4	51.8	0.5	0.9%
58.0%	51.4	51.8	0.4	0.8%
59.3%	51.3	51.7	0.4	0.8%
60.5%	51.3	51.7	0.4	0.8%
61.7%	51.3	51.7	0.4	0.8%
63.0%	51.2	51.7	0.4	0.8%
64.2%	51.2	51.6	0.4	0.8%
65.4%	51.2	51.6	0.4	0.7%
66.7%	51.1	51.5	0.4	0.8%
67.9%	51.0	51.5	0.4	0.9%
69.1%	51.0	51.4	0.4	0.8%
70.4%	51.0	51.4	0.4	0.8%
71.6%	50.9	51.4	0.4	0.9%
72.8%	50.9	51.4	0.5	1.0%
74.1%	50.9	51.3	0.5	0.9%
75.3%	50.8	51.3	0.4	0.9%
76.5%	50.8	51.3	0.5	1.0%
77.8%	50.7	51.2	0.5	0.9%
79.0%	50.7	51.2	0.5	1.1%
80.2%	50.7	51.2	0.5	1.0%
81.5%	50.6	51.2	0.5	1.0%
82.7%	50.6	51.1	0.6	1.1%
84.0%	50.6	51.0	0.4	0.9%
85.2%	50.5	50.9	0.4	0.7%
86.4%	50.5	50.9	0.4	0.8%
87.7%	50.2	50.8	0.6	1.2%
88.9%	50.2	50.8	0.6	1.2%
90.1%	50.2	50.8	0.7	1.3%
91.4%	50.1	50.6	0.5	0.9%
92.6%	50.0	50.5	0.4	0.9%
93.8%	50.0	50.4	0.4	0.8%
95.1%	49.9	50.4	0.5	0.9%
96.3%	49.8	50.3	0.5	1.0%
97.5%	49.7	50.2	0.5	1.0%
98.8%	49.5	50.1	0.6	1.2%
100.0%	49.5	50.1	0.6	1.2%

Table SQ15-1b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

June

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	57.3	56.4	-0.9	-1.6%
1.2%	56.5	55.5	-1.0	-1.8%
2.5%	56.2	55.2	-0.9	-1.7%
3.7%	56.0	55.1	-0.9	-1.6%
4.9%	56.0	55.1	-0.9	-1.6%
6.2%	55.2	55.0	-0.2	-0.3%
7.4%	55.0	54.7	-0.4	-0.6%
8.6%	55.0	54.5	-0.4	-0.8%
9.9%	54.7	54.5	-0.2	-0.3%
11.1%	54.3	54.5	0.2	0.4%
12.3%	54.2	54.4	0.2	0.4%
13.6%	54.1	54.4	0.3	0.5%
14.8%	54.1	54.4	0.3	0.5%
16.0%	54.1	54.2	0.1	0.2%
17.3%	54.0	54.1	0.1	0.1%
18.5%	53.9	54.0	0.1	0.2%
19.8%	53.9	54.0	0.1	0.2%
21.0%	53.7	53.9	0.2	0.4%
22.2%	53.6	53.9	0.3	0.5%
23.5%	53.6	53.8	0.2	0.3%
24.7%	53.6	53.8	0.2	0.4%
25.9%	53.6	53.7	0.1	0.3%
27.2%	53.6	53.5	0.0	0.0%
28.4%	53.5	53.5	0.0	0.1%
29.6%	53.4	53.4	0.0	0.0%
30.9%	53.3	53.4	0.1	0.2%
32.1%	53.2	53.3	0.0	0.1%
33.3%	53.2	53.2	0.0	0.0%
34.6%	53.2	53.1	0.0	0.0%
35.8%	53.0	53.1	0.2	0.4%
37.0%	52.9	53.0	0.1	0.2%
38.3%	52.7	53.0	0.3	0.6%
39.5%	52.7	53.0	0.3	0.6%
40.7%	52.6	52.9	0.3	0.6%
42.0%	52.6	52.9	0.3	0.6%
43.2%	52.5	52.9	0.4	0.7%
44.4%	52.4	52.9	0.5	1.0%
45.7%	52.3	52.8	0.5	1.0%
46.9%	52.2	52.7	0.5	0.9%
48.1%	52.2	52.7	0.5	0.9%
49.4%	52.2	52.7	0.5	1.0%
50.6%	52.1	52.6	0.5	0.9%
51.9%	52.1	52.6	0.5	0.9%
53.1%	52.1	52.4	0.4	0.7%
54.3%	52.0	52.4	0.4	0.9%
55.6%	52.0	52.4	0.4	0.9%
56.8%	52.0	52.4	0.5	0.9%
58.0%	51.9	52.4	0.5	0.9%
59.3%	51.9	52.3	0.4	0.8%
60.5%	51.7	52.3	0.6	1.1%
61.7%	51.7	52.2	0.6	1.1%
63.0%	51.5	52.2	0.7	1.3%
64.2%	51.5	52.1	0.6	1.2%
65.4%	51.3	52.1	0.8	1.5%
66.7%	51.3	52.1	0.8	1.6%
67.9%	51.2	52.0	0.7	1.5%
69.1%	51.2	51.9	0.7	1.3%
70.4%	51.2	51.8	0.6	1.2%
71.6%	51.2	51.8	0.6	1.3%
72.8%	51.1	51.8	0.6	1.2%
74.1%	51.1	51.7	0.6	1.2%
75.3%	51.0	51.7	0.6	1.2%
76.5%	50.9	51.7	0.8	1.5%
77.8%	50.9	51.6	0.7	1.4%
79.0%	50.8	51.4	0.6	1.2%
80.2%	50.8	51.4	0.6	1.1%
81.5%	50.8	51.4	0.6	1.1%
82.7%	50.7	51.4	0.6	1.2%
84.0%	50.7	51.3	0.6	1.2%
85.2%	50.7	51.3	0.6	1.2%
86.4%	50.7	51.3	0.6	1.2%
87.7%	50.6	51.3	0.6	1.2%
88.9%	50.6	51.1	0.5	1.0%
90.1%	50.4	51.1	0.7	1.3%
91.4%	50.4	51.1	0.7	1.4%
92.6%	50.4	51.0	0.6	1.1%
93.8%	50.3	50.9	0.6	1.2%
95.1%	50.2	50.8	0.6	1.2%
96.3%	50.1	50.5	0.5	0.9%
97.5%	49.8	50.3	0.5	1.0%
98.8%	49.6	50.0	0.4	0.8%
100.0%	49.6	50.0	0.4	0.8%

July

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	65.1	65.4	0.3	0.5%
1.2%	59.8	56.3	-3.5	-5.8%
2.5%	58.8	56.2	-2.6	-4.4%
3.7%	56.8	55.6	-1.2	-2.1%
4.9%	56.6	55.4	-1.2	-2.1%
6.2%	56.3	55.4	-0.9	-1.7%
7.4%	56.3	55.4	-0.9	-1.7%
8.6%	56.1	55.4	-0.8	-1.4%
9.9%	56.1	55.4	-0.7	-1.3%
11.1%	56.0	55.3	-0.7	-1.2%
12.3%	55.9	55.1	-0.8	-1.5%
13.6%	55.9	54.9	-0.9	-1.7%
14.8%	55.8	54.9	-0.9	-1.6%
16.0%	55.7	54.9	-0.8	-1.4%
17.3%	55.7	54.9	-0.8	-1.4%
18.5%	55.6	54.8	-0.8	-1.4%
19.8%	55.6	54.8	-0.8	-1.4%
21.0%	55.5	54.7	-0.7	-1.3%
22.2%	55.4	54.7	-0.7	-1.2%
23.5%	55.3	54.7	-0.6	-1.1%
24.7%	55.3	54.7	-0.6	-1.1%
25.9%	55.1	54.5	-0.6	-1.0%
27.2%	54.9	54.5	-0.4	-0.7%
28.4%	54.8	54.4	-0.4	-0.8%
29.6%	54.7	54.4	-0.4	-0.6%
30.9%	54.6	54.3	-0.4	-0.7%
32.1%	54.6	54.3	-0.3	-0.6%
33.3%	54.5	54.3	-0.2	-0.4%
34.6%	54.2	54.2	0.0	0.0%
35.8%	54.2	54.1	0.0	0.0%
37.0%	54.2	54.1	0.0	-0.1%
38.3%	54.0	54.1	0.0	0.1%
39.5%	54.0	54.0	0.0	0.0%
40.7%	53.9	54.0	0.1	0.2%
42.0%	53.8	54.0	0.1	0.2%
43.2%	53.8	54.0	0.1	0.3%
44.4%	53.8	53.9	0.1	0.2%
45.7%	53.7	53.9	0.2	0.4%
46.9%	53.5	53.9	0.3	0.6%
48.1%	53.5	53.8	0.3	0.5%
49.4%	53.5	53.8	0.3	0.5%
50.6%	53.5	53.7	0.3	0.5%
51.9%	53.4	53.6	0.2	0.4%
53.1%	53.4	53.6	0.2	0.4%
54.3%	53.2	53.6	0.4	0.7%
55.6%	53.2	53.4	0.2	0.4%
56.8%	53.2	53.4	0.2	0.4%
58.0%	53.1	53.3	0.2	0.4%
59.3%	53.1	53.3	0.3	0.5%
60.5%	53.0	53.3	0.3	0.5%
61.7%	53.0	53.2	0.3	0.5%
63.0%	53.0	53.2	0.2	0.4%
64.2%	53.0	53.2	0.2	0.4%
65.4%	52.9	53.1	0.2	0.4%
66.7%	52.8	53.0	0.2	0.4%
67.9%	52.8	53.0	0.3	0.5%
69.1%	52.7	53.0	0.3	0.6%
70.4%	52.6	52.9	0.3	0.5%
71.6%	52.6	52.8	0.2	0.4%
72.8%	52.6	52.8	0.2	0.4%
74.1%	52.5	52.8	0.3	0.6%
75.3%	52.3	52.8	0.4	0.9%
76.5%	52.3	52.7	0.4	0.8%
77.8%	52.2	52.7	0.5	1.0%
79.0%	52.1	52.6	0.5	1.0%
80.2%	52.1	52.6	0.5	1.0%
81.5%	52.0	52.4	0.4	0.7%
82.7%	52.0	52.4	0.4	0.8%
84.0%	52.0	52.4	0.4	0.8%
85.2%	52.0	52.2	0.2	0.4%
86.4%	51.9	52.2	0.3	0.6%
87.7%	51.8	52.2	0.3	0.6%
88.9%	51.8	52.1	0.3	0.5%
90.1%	51.6	52.0	0.4	0.8%
91.4%	51.5	51.9	0.4	0.8%
92.6%	51.5	51.9	0.4	0.8%
93.8%	51.4	51.7	0.3	0.6%
95.1%	51.2	51.6	0.4	0.8%
96.3%	51.1	51.4	0.3	0.6%
97.5%	51.1	51.2	0.1	0.3%
98.8%	51.0	51.2	0.2	0.3%
100.0%	51.0	51.2	0.2	0.3%

August

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	69.9	70.4	0.5	0.7%
1.2%	65.7	64.6	-1.1	-1.7%
2.5%	64.7	61.9	-2.8	-4.4%
3.7%	64.6	61.7	-2.8	-4.4%
4.9%	60.4	58.0	-2.3	-3.8%
6.2%	60.3	56.3	-3.9	-6.5%
7.4%	57.2	56.2	-1.0	-1.8%
8.6%	56.6	56.2	-0.4	-0.8%
9.9%	56.6	55.9	-0.7	-1.2%
11.1%	56.4	55.8	-0.6	-1.1%
12.3%	56.3	55.6	-0.7	-1.2%
13.6%	56.3	55.6	-0.7	-1.2%
14.8%	56.2	55.5	-0.7	-1.2%
16.0%	56.2	55.5	-0.7	-1.3%
17.3%	56.0	55.5	-0.5	-0.9%
18.5%	55.9	55.3	-0.7	-1.2%
19.8%	55.9	55.2	-0.7	-1.2%
21.0%	55.8	55.2	-0.6	-1.1%
22.2%	55.8	55.2	-0.5	-1.0%
23.5%	55.7	55.2	-0.5	-0.9%
24.7%	55.7	55.1	-0.6	-1.0%
25.9%	55.6	55.0	-0.6	-1.1%
27.2%	55.6	55.0	-0.6	-1.1%
28.4%	55.4	55.0	-0.5	-0.8%
29.6%	55.4	55.0	-0.5	-0.8%
30.9%	55.4	55.0	-0.4	-0.7%
32.1%	55.3	54.9	-0.4	-0.7%
33.3%	55.3	54.9	-0.4	-0.7%
34.6%	55.2	54.9	-0.4	-0.6%
35.8%	55.2	54.9	-0.3	-0.6%
37.0%	55.2	54.9	-0.3	-0.6%
38.3%	55.2	54.8	-0.4	-0.7%
39.5%	55.1	54.7	-0.4	-0.7%
40.7%	55.1	54.7	-0.4	-0.7%
42.0%	55.0	54.7	-0.4	-0.6%
43.2%	55.0	54.6	-0.4	-0.8%
44.4%	55.0	54.6	-0.4	-0.8%
45.7%	55.0	54.6	-0.4	-0.7%
46.9%	55.0	54.6	-0.4	-0.8%
48.1%	55.0	54.5	-0.4	-0.8%
49.4%	55.0	54.5	-0.5	-0.8%
50.6%	54.9	54.5	-0.4	-0.7%
51.9%	54.9	54.5	-0.4	-0.7%
53.1%	54.9	54.5	-0.4	-0.7%
54.3%	54.8	54.5	-0.3	-0.6%
55.6%	54.8	54.4	-0.4	-0.7%
56.8%	54.8	54.4	-0.4	-0.7%
58.0%	54.7	54.4	-0.3	-0.6%
59.3%	54.7	54.4	-0.3	-0.5%
60.5%	54.7	54.4	-0.3	-0.6%
61.7%	54.6	54.3	-0.3	-0.5%
63.0%	54.6	54.3	-0.3	-0.5%
64.2%	54.6	54.3	-0.3	-0.5%
65.4%	54.6	54.3	-0.3	-0.6%
66.7%	54.5	54.2	-0.4	-0.7%
67.9%	54.5	54.2	-0.3	-0.5%
69.1%	54.4	54.2	-0.3	-0.5%
70.4%	54.4	54.1	-0.3	-0.5%
71.6%	54.3	54.0	-0.3	-0.5%
72.8%	54.3	54.0	-0.3	-0.5%
74.1%	54.3	54.0	-0.3	-0.6%
75.3%	54.2	54.0	-0.2	-0.4%
76.5%	54.2	54.0	-0.2	-0.4%
77.8%	54.1	53.9	-0.2	-0.3%
79.0%	54.1	53.9	-0.2	-0.3%
80.2%	54.0	53.9	-0.1	-0.2%
81.5%	53.8	53.9	0.0	0.1%
82.7%	53.8	53.8	0.0	0.0%
84.0%	53.8	53.8	0.1	0.1%
85.2%	53.7	53.7	0.0	0.0%
86.4%	53.7	53.7	0.0	0.0%
87.7%	53.7	53.5	-0.2	-0.4%
88.9%	53.6	53.2	-0.4	-0.7%
90.1%	53.6	53.2	-0.4	-0.7%
91.4%	53.5	53.1	-0.4	-0.8%
92.6%	53.2	52.7	-0.5	-1.0%
93.8%	53.1	52.4	-0.7	-1.3%
95.1%	52.8	52.3	-0.6	-1.1%
96.3%	52.5	52.0	-0.5	-1.0%
97.5%	52.4	51.9	-0.5	-0.9%
98.8%	52.3	51.2	-1.0	-2.0%
100.0%	52.3	51.2	-1.0	-2.0%

September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	70.4	69.5	-0.9	-1.3%
1.2%	69.9	67.7	-2.2	-3.1%
2.5%	68.7	66.7	-2.0	-2.9%
3.7%	68.3	66.1	-2.2	-3.2%
4.9%	66.6	62.4	-4.2	-6.4%
6.2%	65.8	62.2	-3.6	-5.4%
7.4%	64.7	61.3	-3.4	-5.2%
8.6%	63.2	59.7	-3.5	-5.6%
9.9%	62.4	59.1	-3.3	-5.3%
11.1%	62.1	59.0	-3.2	-5.1%
12.3%	60.6	58.8	-1.8	-3.0%
13.6%	59.5	57.8	-1.7	-2.9%
14.8%	59.0	57.7	-1.3	-2.2%
16.0%	58.9	57.7	-1.2	-2.1%
17.3%	58.6	57.1	-1.5	-2.6%
18.5%	58.5	57.0	-1.5	-2.5%
19.8%	57.9	56.8	-1.2	-2.0%
21.0%	57.9	56.2	-1.7	-2.9%
22.2%	57.5	56.1	-1.4	-2.4%
23.5%	57.2	55.8	-1.3	-2.3%
24.7%	57.1	55.8	-1.2	-2.2%
25.9%	56.8	55.7	-1.1	-1.9%
27.2%	56.7	55.6	-1.1	-1.9%
28.4%	56.6	55.6	-1.0	-1.8%
29.6%	56.6	55.6	-1.0	-1.8%
30.9%	56.2	55.4	-0.8	-1.4%
32.1%	56.1	55.4	-0.7	-1.2%
33.3%	55.9	55.2	-0.7	-1.3%
34.6%	55.9	55.1	-0.7	-1.3%
35.8%	55.8	55.0	-0.7	-1.3%
37.0%	55.7	55.0	-0.7	-1.3%
38.3%	55.6	54.9	-0.7	-1.2%
39.5%	55.6	54.9	-0.6	-1.2%
40.7%	55.5	54.9	-0.6	-1.1%
42.0%	55.5	54.8	-0.7	-1.2%
43.2%	55.4	54.7	-0.7	-1.3%
44.4%	55.4	54.5	-0.9	-1.5%
45.7%	55.2	54.5	-0.7	-1.3%
46.9%	55.2	54.5	-0.7	-1.3%
48.1%	55.1	54.5	-0.7	-1.2%
49.4%	55.1	54.4	-0.7	-1.2%
50.6%	55.1	54.4	-0.7	-1.2%
51.9%	55.1	54.4	-0.7	-1.3%
53.1%	55.1	54.4	-0.7	-1.3%
54.3%	54.9	54.3	-0.6	-1.1%
55.6%	54.8	54.2	-0.6	-1.1%
56.8%	54.8	54.2	-0.6	-1.1%
58.0%	54.7	54.2	-0.5	-1.0%
59.3%	54.4	54.2	-0.3	-0.5%
60.5%	54.4	54.1	-0.4	-0.7%
61.7%	54.4	54.0	-0.4	-0.8%
63.0%	53.9	54.0	0.0	0.1%
64.2%	53.8	53.9	0.1	0.1%
65.4%	53.7	53.8	0.1	0.2%
66.7%	53.7	53.8	0.2	0.3%
67.9%	53.6	53.8	0.2	0.5%
69.1%	53.4	53.8	0.4	0.7%
70.4%	53.4	53.8	0.3	0.6%
71.6%	53.4	53.7	0.3	0.7%
72.8%	53.1	53.6	0.5	0.9%
74.1%	53.1	53.6	0.5	1.0%
75.3%	52.9	53.3	0.3	0.6%
76.5%	52.8	53.1	0.3	0.6%
77.8%	52.6	53.0	0.4	0.8%
79.0%	52.5	52.8	0.3	0.6%
80.2%	52.4	52.8	0.4	0.8%
81.5%	52.3	52.8	0.4	0.8%
82.7%	52.3	52.5	0.1	0.3%
84.0%	52.3	52.4	0.1	0.1%
85.2%	52.2	52.1	-0.1	-0.2%
86.4%	52.1	52.0	-0.2	-0.3%
87.7%	52.1	51.8	-0.3	-0.6%
88.9%	52.1	51.8	-0.3	-0.6%
90.1%	52.1	51.8	-0.4	-0.7%
91.4%	52.0	51.7	-0.3	-0.6%
92.6%	51.9	51.7	-0.2	-0.4%
93.8%	51.7	51.7	0.0	-0.1%
95.1%	51.6	51.6	0.0	-0.1%
96.3%	51.6	51.6	0.0	0.0%
97.5%	51.6	51.4	-0.1	-0.3%
98.8%	51.4	51.2	-0.2	-0.4%
100.0%	51.4	51.2	-0.2	-0.4%

Table SQ15-1b

Clear Creek at Mouth, Monthly Temperature

Probability of Exceedance

June to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	64.7	64.7	0.0	-0.1%
1.2%	62.6	61.1	-1.5	-2.4%
2.5%	62.6	60.3	-2.3	-3.7%
3.7%	61.1	59.4	-1.8	-2.9%
4.9%	60.2	57.2	-3.1	-5.1%
6.2%	58.7	57.1	-1.6	-2.7%
7.4%	58.0	56.6	-1.4	-2.5%
8.6%	57.9	55.9	-2.0	-3.4%
9.9%	57.5	55.9	-1.5	-2.7%
11.1%	56.9	55.9	-1.1	-1.9%
12.3%	56.4	55.8	-0.6	-1.1%
13.6%	56.3	55.7	-0.5	-1.0%
14.8%	56.3	55.7	-0.6	-1.1%
16.0%	56.2	55.6	-0.5	-0.9%
17.3%	56.1	55.4	-0.8	-1.4%
18.5%	56.0	55.3	-0.7	-1.2%
19.8%	55.7	55.3	-0.4	-0.7%
21.0%	55.5	55.3	-0.3	-0.5%
22.2%	55.5	55.0	-0.5	-0.8%
23.5%	55.4	55.0	-0.4	-0.7%
24.7%	55.4	55.0	-0.4	-0.6%
25.9%	55.3	54.9	-0.4	-0.7%
27.2%	55.1	54.9	-0.3	-0.5%
28.4%	55.0	54.8	-0.2	-0.4%
29.6%	54.9	54.7	-0.2	-0.3%
30.9%	54.9	54.6	-0.3	-0.5%
32.1%	54.8	54.5	-0.3	-0.6%
33.3%	54.6	54.3	-0.4	-0.6%
34.6%	54.5	54.3	-0.2	-0.4%
35.8%	54.3	54.1	-0.2	-0.3%
37.0%	54.2	54.1	-0.1	-0.2%
38.3%	54.2	54.1	-0.1	-0.1%
39.5%	54.1	54.0	-0.1	-0.2%
40.7%	54.1	54.0	-0.1	-0.3%
42.0%	54.1	54.0	-0.1	-0.2%
43.2%	54.0	53.9	-0.1	-0.2%
44.4%	54.0	53.9	-0.1	-0.2%
45.7%	54.0	53.8	-0.2	-0.3%
46.9%	53.9	53.8	-0.1	-0.2%
48.1%	53.8	53.8	0.0	-0.1%
49.4%	53.8	53.8	-0.1	-0.1%
50.6%	53.8	53.7	-0.1	-0.2%
51.9%	53.8	53.7	-0.1	-0.1%
53.1%	53.7	53.7	0.0	0.0%
54.3%	53.7	53.6	0.0	-0.1%
55.6%	53.7	53.6	-0.1	-0.2%
56.8%	53.6	53.5	-0.1	-0.2%
58.0%	53.5	53.5	0.0	-0.1%
59.3%	53.5	53.5	0.0	-0.1%
60.5%	53.5	53.4	-0.1	-0.1%
61.7%	53.4	53.4	0.0	0.0%
63.0%	53.4	53.4	-0.1	-0.1%
64.2%	53.4	53.2	-0.1	-0.3%
65.4%	53.3	53.2	-0.1	-0.1%
66.7%	53.3	53.2	-0.1	-0.1%
67.9%	53.3	53.2	-0.1	-0.1%
69.1%	53.2	53.1	-0.1	-0.1%
70.4%	53.1	53.1	0.1	0.1%
71.6%	52.9	53.1	0.2	0.3%
72.8%	52.9	53.1	0.2	0.3%
74.1%	52.9	53.0	0.1	0.2%
75.3%	52.8	52.8	-0.1	-0.1%
76.5%	52.8	52.8	0.0	-0.1%
77.8%	52.8	52.7	-0.1	-0.1%
79.0%	52.6	52.7	0.1	0.2%
80.2%	52.5	52.6	0.1	0.1%
81.5%	52.5	52.6	0.1	0.2%
82.7%	52.4	52.6	0.2	0.3%
84.0%	52.3	52.5	0.2	0.4%
85.2%	52.3	52.5	0.2	0.3%
86.4%	52.3	52.5	0.2	0.3%
87.7%	52.1	52.4	0.3	0.5%
88.9%	52.0	52.2	0.2	0.4%
90.1%	52.0	52.2	0.2	0.3%
91.4%	51.9	52.1	0.3	0.5%
92.6%	51.8	52.1	0.2	0.5%
93.8%	51.8	52.0	0.3	0.5%
95.1%	51.7	52.0	0.2	0.5%
96.3%	51.7	51.9	0.2	0.4%
97.5%	51.4	51.7	0.3	0.5%
98.8%	51.3	51.6	0.3	0.6%
100.0%	51.3	51.5	0.2	0.4%

July to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	67.2	67.5	0.3	0.4%
1.2%	65.1	63.5	-1.7	-2.6%
2.5%	64.7	61.9	-2.7	-4.2%
3.7%	63.2	61.2	-2.0	-3.2%
4.9%	61.7	58.3	-3.3	-5.4%
6.2%	60.3	57.8	-2.4	-4.0%
7.4%	59.4	57.1	-2.3	-3.8%
8.6%	58.5	56.8	-1.7	-2.9%
9.9%	58.4	56.7	-1.7	-2.9%
11.1%	58.2	56.4	-1.8	-3.0%
12.3%	57.1	56.4	-0.6	-1.1%
13.6%	57.0	56.2	-0.9	-1.5%
14.8%	57.0	56.0	-1.0	-1.7%
16.0%	56.8	56.0	-0.8	-1.5%
17.3%	56.8	55.8	-1.0	-1.7%
18.5%	56.8	55.7	-1.0	-1.8%
19.8%	56.4	55.5	-0.8	-1.4%
21.0%	56.2	55.5	-0.7	-1.3%
22.2%	56.0	55.3	-0.6	-1.1%
23.5%	55.9	55.2	-0.6	-1.1%
24.7%	55.8	55.2	-0.6	-1.0%
25.9%	55.8	55.2	-0.6	-1.0%
27.2%	55.7	55.0	-0.7	-1.3%
28.4%	55.7	55.0	-0.7	-1.2%
29.6%	55.6	55.0	-0.6	-1.1%
30.9%	55.4	55.0	-0.4	-0.8%
32.1%	55.3	54.9	-0.3	-0.6%
33.3%	55.2	54.9	-0.3	-0.6%
34.6%	55.1	54.7	-0.4	-0.7%
35.8%	55.0	54.6	-0.4	-0.7%
37.0%	54.9	54.5	-0.4	-0.7%
38.3%	54.8	54.5	-0.3	-0.6%
39.5%	54.8	54.4	-0.4	-0.6%
40.7%	54.7	54.4	-0.3	-0.6%
42.0%	54.6	54.3	-0.2	-0.4%
43.2%	54.6	54.3	-0.3	-0.5%
44.4%	54.5	54.3	-0.2	-0.4%
45.7%	54.5	54.3	-0.2	-0.4%
46.9%	54.5	54.3	-0.2	-0.5%
48.1%	54.4	54.1	-0.3	-0.5%
49.4%	54.4	54.1	-0.3	-0.5%
50.6%	54.4	54.1	-0.3	-0.5%
51.9%	54.4	54.1	-0.3	-0.5%
53.1%	54.3	54.1	-0.3	-0.5%
54.3%	54.3	54.0	-0.3	-0.5%
55.6%	54.3	54.0	-0.3	-0.5%
56.8%	54.3	54.0	-0.2	-0.4%
58.0%	54.2	54.0	-0.2	-0.4%
59.3%	54.2	53.9	-0.3	-0.5%
60.5%	53.9	53.9	-0.1	-0.1%
61.7%	53.9	53.8	-0.1	-0.2%
63.0%	53.9	53.8	-0.1	-0.2%
64.2%	53.9	53.7	-0.2	-0.3%
65.4%	53.8	53.7	-0.1	-0.2%
66.7%	53.8	53.7	-0.1	-0.2%
67.9%	53.8	53.7	-0.1	-0.2%
69.1%	53.6	53.7	0.0	0.0%
70.4%	53.5	53.5	0.0	0.0%
71.6%	53.5	53.5	0.0	0.0%
72.8%	53.5	53.4	-0.1	-0.2%
74.1%	53.4	53.3	-0.1	-0.2%
75.3%	53.4	53.3	-0.1	-0.1%
76.5%	53.4	53.3	-0.1	-0.2%
77.8%	53.4	53.1	-0.2	-0.5%
79.0%	53.2	53.1	-0.1	-0.2%
80.2%	53.2	52.9	-0.2	-0.4%
81.5%	53.0	52.9	-0.1	-0.2%
82.7%	52.9	52.8	-0.1	-0.2%
84.0%	52.9	52.8	-0.1	-0.1%
85.2%	52.8	52.8	0.0	0.0%
86.4%	52.6	52.8	0.2	0.4%
87.7%	52.5	52.7	0.2	0.4%
88.9%	52.4	52.5	0.1	0.2%
90.1%	52.4	52.5	0.1	0.2%
91.4%	52.3	52.3	0.0	0.1%
92.6%	52.2	52.3	0.1	0.1%
93.8%	52.2	52.2	0.0	0.0%
95.1%	52.2	52.2	0.0	-0.1%
96.3%	52.1	52.1	0.0	0.0%
97.5%	51.8	52.0	0.2	0.4%
98.8%	51.8	52.0	0.3	0.5%
100.0%	51.7	52.0	0.2	0.5%

August to September

Percent Exceedance Probability (%)	WSIP 2070 Without Project Monthly Temperature (DEGF)	WSIP 2070 With Project Monthly Temperature (DEGF)	Absolute Difference (DEGF)	Relative Difference (%)
0.0%	68.3	68.5	0.2	0.4%
1.2%	67.8	67.1	-0.8	-1.1%
2.5%	67.6	64.8	-2.8	-4.1%
3.7%	66.6	63.9	-2.7	-4.0%
4.9%	64.3	60.2	-4.1	-6.4%
6.2%	62.5	59.0	-3.4	-5.5%
7.4%	61.0	58.2	-2.8	-4.6%
8.6%	59.9	58.0	-1.9	-3.2%
9.9%	59.8	57.6	-2.3	-3.8%
11.1%	59.2	57.3	-1.9	-3.2%
12.3%	57.9	57.2	-0.7	-1.3%
13.6%	57.7	57.0	-0.7	-1.3%
14.8%	57.5	56.7	-0.9	-1.5%
16.0%	57.5	56.4	-1.1	-1.9%
17.3%	57.4	56.2	-1.1	-1.9%
18.5%	57.2	56.0	-1.2	-2.1%
19.8%	56.7	55.9	-0.8	-1.4%
21.0%	56.6	55.9	-0.7	-1.2%
22.2%	56.5	55.5	-1.0	-1.8%
23.5%	56.3	55.5	-0.8	-1.5%
24.7%	56.3	55.5	-0.8	-1.4%
25.9%	56.1	55.5	-0.7	-1.2%
27.2%	56.1	55.3	-0.8	-1.5%
28.4%	55.9	55.2	-0.7	-1.2%
29.6%	55.9	55.2	-0.6	-1.1%
30.9%	55.7	55.1	-0.5	-1.0%
32.1%	55.5	55.1	-0.5	-0.8%
33.3%	55.4	55.0	-0.4	-0.8%
34.6%	55.4	55.0	-0.4	-0.8%
35.8%	55.4	54.9	-0.6	-1.0%
37.0%	55.4	54.8	-0.5	-0.9%
38.3%	55.3	54.8	-0.5	-0.8%
39.5%	55.3	54.8	-0.5	-0.9%
40.7%	55.2	54.7	-0.5	-1.0%
42.0%	55.2	54.7	-0.5	-1.0%
43.2%	55.1	54.7	-0.4	-0.8%
44.4%	55.1	54.7	-0.4	-0.7%
45.7%	55.0	54.5	-0.5	-0.9%
46.9%	55.0	54.5	-0.5	-0.9%
48.1%	55.0	54.4	-0.5	-1.0%
49.4%	55.0	54.4	-0.6	-1.0%
50.6%	54.9	54.4	-0.5	-0.8%
51.9%	54.8	54.4	-0.5	-0.8%
53.1%	54.8	54.4	-0.4	-0.8%
54.3%	54.8	54.2	-0.6	-1.1%
55.6%	54.8	54.2	-0.6	-1.2%
56.8%	54.8	54.2	-0.6	-1.1%
58.0%	54.7	54.2	-0.6	-1.1%
59.3%	54.7	54.1	-0.6	-1.0%
60.5%	54.6	54.1	-0.5	-1.0%
61.7%	54.5	54.1	-0.5	-0.9%
63.0%	54.3	54.0	-0.2	-0.4%
64.2%	54.2	54.0	-0.2	-0.3%
65.4%	54.2	54.0	-0.2	-0.4%
66.7%	54.2	54.0	-0.2	-0.3%
67.9%	54.1	54.0	-0.2	-0.3%
69.1%	54.1	54.0	-0.1	-0.2%
70.4%	53.9	53.9	0.0	0.0%
71.6%	53.8	53.9	0.0	0.1%
72.8%	53.8	53.7	-0.1	-0.1%
74.1%	53.8	53.6	-0.2	-0.4%
75.3%	53.8	53.5	-0.3	-0.5%
76.5%	53.8	53.4	-0.4	-0.7%
77.8%	53.7	53.3	-0.4	-0.7%
79.0%	53.5	53.1	-0.4	-0.7%
80.2%	53.4	53.1	-0.2	-0.5%
81.5%	53.3	53.1	-0.2	-0.4%
82.7%	53.3	53.1	-0.2	-0.5%
84.0%	53.3	53.0	-0.3	-0.5%
85.2%	53.0	52.9	-0.1	-0.2%
86.4%	53.0	52.7	-0.2	-0.4%
87.7%	52.9	52.7	-0.2	-0.4%
88.9%	52.9	52.7	-0.2	-0.4%
90.1%	52.6	52.7	0.1	0.1%
91.4%	52.6	52.6	0.0	0.0%
92.6%	52.6	52.6	0.0	0.0%
93.8%	52.5	52.5	0.0	0.0%
95.1%	52.4	52.5	0.0	0.1%
96.3%	52.4	52.4	0.0	0.0%
97.5%	52.4	52.1	-0.3	-0.5%
98.8%	52.1	52.0	-0.2	-0.3%
100.0%	52.0	51.8	-0.2	-0.3%