

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

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.0	61.3	0.3	0.5%	
1.2%	60.9	59.8	-1.0	-1.7%	
2.5%	60.5	59.1	-1.5%	-2.5%	
3.7%	59.9	58.1	-0.8	-1.3%	
4.9%	59.5	58.9	-0.5	-0.9%	
6.2%	58.9	58.7	-0.2	-0.3%	
7.4%	58.7	58.6	-0.2	-0.3%	
8.6%	58.7	58.2	-0.5	-0.9%	
9.9%	58.6	58.1	-0.5	-0.9%	
11.1%	58.3	57.7	-0.5	-0.9%	
12.3%	58.2	57.3	-0.9	-1.5%	
13.6%	58.0	56.8	-1.2	-2.1%	
14.8%	57.6	56.8	-0.8	-1.4%	
16.0%	57.5	56.4	-1.2	-2.0%	
17.3%	56.4	56.2	-0.1	-0.3%	
18.5%	56.3	56.0	-0.3	-0.6%	
19.8%	56.3	55.8	-0.5	-0.8%	
21.0%	56.1	55.8	-0.3	-0.5%	
22.2%	56.0	55.7	-0.3	-0.6%	
23.5%	56.0	55.7	-0.3	-0.6%	
24.7%	56.0	55.7	-0.3	-0.6%	
25.9%	56.0	55.5	-0.5	-0.9%	
27.2%	56.0	55.6	-0.4	-0.7%	
28.4%	55.8	55.5	-0.3	-0.5%	
29.6%	55.7	55.4	-0.3	-0.5%	
30.9%	55.7	55.4	-0.3	-0.5%	
32.1%	55.7	55.2	-0.4	-0.7%	
33.3%	55.6	55.2	-0.5	-0.8%	
34.5%	55.6	55.1	-0.5	-0.9%	
35.8%	55.6	55.0	-0.5	-1.0%	
37.0%	55.6	55.0	-0.6	-1.0%	
38.3%	55.5	55.0	-0.6	-1.0%	
39.5%	55.4	54.8	-0.6	-1.0%	
40.7%	55.2	54.8	-0.4	-0.7%	
42.0%	55.2	54.8	-0.4	-0.8%	
43.2%	55.0	54.6	-0.4	-0.7%	
44.4%	55.0	54.6	-0.3	-0.6%	
45.7%	55.0	54.6	-0.4	-0.7%	
46.9%	55.0	54.6	-0.4	-0.6%	
48.1%	54.9	54.5	-0.4	-0.8%	
49.4%	54.9	54.5	-0.4	-0.8%	
50.6%	54.9	54.4	-0.5	-0.9%	
51.9%	54.8	54.1	-0.7	-1.3%	
53.1%	54.8	54.1	-0.7	-1.3%	
54.3%	54.7	54.1	-0.7	-1.2%	
55.6%	54.6	54.0	-0.6	-1.1%	
56.8%	54.5	53.9	-0.6	-1.1%	
58.0%	54.5	53.9	-0.6	-1.1%	
59.3%	54.3	53.7	-0.6	-1.0%	
60.5%	54.3	53.7	-0.6	-1.2%	
61.7%	54.3	53.5	-0.8	-1.5%	
63.0%	54.1	53.5	-0.6	-1.1%	
64.2%	54.1	53.4	-0.6	-1.2%	
65.4%	54.0	53.4	-0.6	-1.2%	
66.7%	54.0	53.4	-0.6	-1.1%	
67.9%	53.9	53.3	-0.6	-1.1%	
69.1%	53.9	53.3	-0.6	-1.1%	
70.4%	53.9	53.3	-0.6	-1.1%	
71.6%	53.8	53.3	-0.5	-1.0%	
72.8%	53.8	53.3	-0.5	-1.0%	
74.1%	53.6	53.3	-0.3	-0.6%	
75.3%	53.6	53.2	-0.3	-0.6%	
76.5%	53.5	53.2	-0.3	-0.5%	
77.8%	53.5	53.2	-0.3	-0.5%	
79.0%	53.4	53.2	-0.2	-0.4%	
80.2%	53.3	53.1	-0.2	-0.3%	
81.5%	53.2	53.0	-0.2	-0.3%	
82.7%	53.2	53.0	-0.2	-0.3%	
84.0%	53.1	53.0	-0.1	-0.3%	
85.2%	53.1	53.0	-0.1	-0.2%	
86.4%	53.0	52.8	-0.2	-0.3%	
87.7%	52.9	52.7	-0.2	-0.4%	
88.9%	52.9	52.6	-0.3	-0.5%	
90.1%	52.8	52.5	-0.4	-0.7%	
91.4%	52.7	52.4	-0.3	-0.6%	
92.6%	52.6	52.2	-0.4	-0.7%	
93.8%	52.6	52.1	-0.4	-0.8%	
95.1%	52.3	52.1	-0.2	-0.4%	
96.3%	52.3	51.6	-0.7	-1.3%	
97.5%	51.8	51.6	-0.2	-0.3%	
98.8%	51.5	51.4	-0.1	-0.2%	
100.0%	51.3	51.0	-0.1	-0.6%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.1	54.1	0.1	0.1%	
1.2%	53.8	53.7	-0.1	-0.1%	
2.5%	53.6	53.6	0.0	0.0%	
3.7%	53.4	53.4	0.1	0.2%	
4.9%	53.3	53.3	0.0	-0.1%	
6.2%	53.3	53.1	-0.2	-0.4%	
7.4%	53.2	53.1	-0.1	-0.2%	
8.6%	53.2	52.9	-0.3	-0.5%	
9.9%	53.0	52.8	-0.2	-0.5%	
11.1%	53.0	52.7	-0.3	-0.6%	
12.3%	52.9	52.6	-0.3	-0.6%	
13.6%	52.9	52.6	-0.3	-0.5%	
14.8%	52.8	52.4	-0.4	-0.8%	
16.0%	52.8	52.3	-0.5	-0.9%	
17.3%	52.8	52.3	-0.4	-0.8%	
18.5%	52.7	52.3	-0.4	-0.7%	
19.8%	52.6	52.2	-0.4	-0.7%	
21.0%	52.6	52.2	-0.3	-0.7%	
22.2%	52.5	52.2	-0.3	-0.6%	
23.5%	52.5	52.2	-0.3	-0.6%	
24.7%	52.5	52.1	-0.4	-0.7%	
25.9%	52.5	52.0	-0.4	-0.7%	
27.2%	52.1	52.0	-0.1	-0.2%	
28.4%	52.0	52.0	0.0	0.1%	
29.6%	52.0	51.9	-0.1	-0.2%	
30.9%	51.9	51.9	0.0	0.0%	
32.1%	51.9	51.8	0.0	-0.1%	
33.3%	51.8	51.8	0.0	0.0%	
34.5%	51.8	51.7	-0.1	-0.1%	
35.8%	51.6	51.5	-0.1	-0.2%	
37.0%	51.6	51.5	-0.1	-0.1%	
38.3%	51.5	51.4	-0.1	-0.2%	
39.5%	51.5	51.4	-0.1	-0.3%	
40.7%	51.5	51.4	-0.1	-0.2%	
42.0%	51.5	51.3	-0.1	-0.3%	
43.2%	51.5	51.2	-0.3	-0.5%	
44.4%	51.4	51.1	-0.3	-0.6%	
45.7%	51.4	51.1	-0.3	-0.6%	
46.9%	51.3	51.1	-0.3	-0.5%	
48.1%	51.3	51.0	-0.2	-0.4%	
49.4%	51.3	51.0	-0.2	-0.5%	
50.6%	51.2	51.0	-0.2	-0.5%	
51.9%	51.2	51.0	-0.2	-0.5%	
53.1%	51.2	51.0	-0.2	-0.5%	
54.3%	51.2	51.0	-0.2	-0.4%	
55.6%	51.1	50.9	-0.2	-0.3%	
56.8%	51.1	50.8	-0.3	-0.6%	
58.0%	51.1	50.8	-0.3	-0.5%	
59.3%	51.0	50.7	-0.3	-0.6%	
60.5%	51.0	50.7	-0.3	-0.5%	
61.7%	51.0	50.7	-0.3	-0.5%	
63.0%	50.9	50.6	-0.3	-0.6%	
64.2%	50.8	50.6	-0.2	-0.3%	
65.4%	50.7	50.6	-0.1	-0.3%	
66.7%	50.7	50.6	-0.2	-0.3%	
67.9%	50.7	50.5	-0.2	-0.3%	
69.1%	50.6	50.5	-0.1	-0.3%	
70.4%	50.6	50.4	-0.1	-0.3%	
71.6%	50.4	50.4	0.0	0.0%	
72.8%	50.4	50.3	-0.1	-0.3%	
74.1%	50.3	50.2	-0.1	-0.2%	
75.3%	50.3	50.2	-0.1	-0.2%	
76.5%	50.2	50.0	-0.2	-0.3%	
77.8%	50.1	50.0	-0.1	-0.2%	
79.0%	50.1	50.0	-0.1	-0.3%	
80.2%	50.0	49.9	-0.1	-0.2%	
81.5%	50.0	49.9	-0.1	-0.1%	
82.7%	49.8	49.7	-0.1	-0.2%	
84.0%	49.8	49.6	-0.2	-0.4%	
85.2%	49.7	49.5	-0.2	-0.4%	
86.4%	49.7	49.5	-0.1	-0.3%	
87.7%	49.6	49.4	-0.2	-0.4%	
88.9%	49.6	49.4	-0.3	-0.5%	
90.1%	49.6	49.3	-0.2	-0.5%	
91.4%	49.4	49.3	-0.1	-0.2%	
92.6%	49.3	49.3	0.0	-0.1%	
93.8%	49.3	49.1	-0.2	-0.4%	
95.1%	49.0	49.1	0.0	0.1%	
96.3%	49.0	48.7	-0.3	-0.5%	
97.5%	48.9	48.6	-0.2	-0.5%	
98.8%	48.8	48.6	-0.2	-0.5%	
100.0%	48.6	48.0	-0.6	-1.1%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.2	50.4	0.2	0.4%	
1.2%	48.9	49.8	0.8	1.7%	
2.5%	48.6	48.2	-0.3	-0.6%	
3.7%	48.8	48.3	-0.3	-0.7%	
4.9%	48.8	49.0	0.2	0.4%	
6.2%	48.5	49.0	0.5	1.0%	
7.4%	48.5	48.8	0.3	0.7%	
8.6%	48.4	48.7	0.3	0.7%	
9.9%	48.4	48.7	0.3	0.7%	
11.1%	48.3	48.5	0.2	0.4%	
12.3%	48.1	48.4	0.3	0.6%	
13.6%	48.1	48.2	0.1	0.3%	
14.8%	48.0	48.2	0.1	0.3%	
16.0%	47.9	48.1	0.2	0.3%	
17.3%	47.9	48.1	0.1	0.3%	
18.5%	47.9	47.9	0.1	0.2%	
19.8%	47.7	47.9	0.2	0.5%	
21.0%	47.7	47.8	0.1	0.3%	
22.2%	47.5	47.8	0.2	0.5%	
23.5%	47.5	47.7	0.2	0.4%	
24.7%	47.5	47.7	0.2	0.4%	
25.9%	47.5	47.5	0.1	0.2%	
27.2%	47.4	47.6	0.2	0.4%	
28.4%	47.4	47.6	0.2	0.4%	
29.6%	47.4	47.5	0.1	0.2%	
30.9%	47.4	47.5	0.1	0.2%	
32.1%	47.3	47.4	0.0	0.1%	
33.3%	47.2	47.3	0.1	0.2%	
34.5%	47.2	47.3	0.1	0.3%	
35.8%	47.2	47.3	0.1	0.2%	
37.0%	47.1	47.2	0.1	0.2%	
38.3%	47.1	47.1	0.1	0.1%	
39.5%	47.1	47.1	0.1	0.2%	
40.7%	46.9	47.1	0.2	0.3%	
42.0%	46.9	47.1	0.2	0.5%	
43.2%	46.8	47.0	0.3	0.6%	
44.4%	46.8	47.0	0.3	0.6%	
45.7%	46.8	47.0	0.2	0.5%	
46.9%	46.7	47.0	0.3	0.6%	
48.1%	46.7	46.9	0.2	0.5%	
49.4%	46.7	46.9	0.2	0.5%	
50.6%	46.7	46.9	0.2	0.5%	
51.9%	46.6	46.9	0.3	0.7%	
53.1%	46.5	46.8	0.3	0.6%	
54.3%	46.5	46.7	0.2	0.4%	
55.6%	46.5	46.7	0.2	0.5%	
56.8%	46.5	46.7	0.2	0.5%	
58.0%	46.4	46.6	0.2	0.4%	
59.3%	46.4	46.6	0.2	0.5%	
60.5%	46.3	46.6	0.2	0.5%	
61.7%	46.3	46.5	0.2	0.4%	
63.0%	46.3	46.5	0.2	0.4%	
64.2%	46.3	46.5	0.2	0.4%	
65.4%	46.3	46.5	0.1	0.3%	
66.7%	46.2	46.4	0.3	0.5%	
67.9%	46.1	46.4	0.3	0.6%	
69.1%	46.0	46.4	0.4	0.9%	
70.4%	45.9	46.2	0.3	0.6%	
71.6%	45.9	46.2	0.3	0.6%	
72.8%	45.8	46.2	0.4	0.8%	
74.1%	45.8	46.1	0.3	0.6%	
75.3%	45.8	46.0	0.2	0.4%	
76.5%	45.7	45.9	0.2	0.5%	
77.8%	45.6	45.9	0.3	0.7%	
79.0%	45.5	45.8	0.3	0.7%	
80.2%					

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.6	48.7	0.0	0.1%	
1.2%	48.2	48.5	0.3	0.6%	
2.5%	48.0	48.2	0.2	0.4%	
3.7%	48.0	48.1	0.1	0.2%	
4.9%	48.0	48.0	0.0	0.0%	
6.2%	47.9	47.9	0.0	0.0%	
7.4%	47.9	47.9	0.0	0.0%	
8.6%	47.8	47.7	-0.1	-0.2%	
9.9%	47.6	47.6	0.0	0.0%	
11.1%	47.5	47.6	0.0	0.1%	
12.3%	47.5	47.5	0.0	0.0%	
13.6%	47.3	47.5	0.2	0.4%	
14.8%	47.3	47.3	0.0	0.0%	
16.0%	47.2	47.2	0.0	0.1%	
17.3%	47.2	47.2	0.0	0.1%	
18.5%	47.1	47.2	0.1	0.1%	
19.8%	47.1	47.2	0.1	0.2%	
21.0%	47.0	47.1	0.2	0.3%	
22.2%	47.0	47.1	0.1	0.2%	
23.5%	46.9	46.9	0.1	0.1%	
24.7%	46.9	46.9	0.0	0.0%	
25.9%	46.8	46.8	0.0	0.0%	
27.2%	46.8	46.8	0.0	0.0%	
28.4%	46.8	46.8	0.0	0.0%	
29.6%	46.7	46.8	0.1	0.1%	
30.9%	46.7	46.8	0.1	0.1%	
32.1%	46.7	46.7	0.0	0.0%	
33.3%	46.6	46.7	0.0	0.0%	
34.5%	46.6	46.6	0.0	0.1%	
35.8%	46.6	46.6	0.1	0.1%	
37.0%	46.5	46.5	0.0	0.0%	
38.3%	46.5	46.5	0.0	0.0%	
39.5%	46.5	46.5	0.0	0.0%	
40.7%	46.4	46.5	0.0	0.1%	
42.0%	46.4	46.4	0.0	-0.1%	
43.2%	46.4	46.4	-0.1	-0.1%	
44.4%	46.4	46.4	-0.1	-0.1%	
45.7%	46.4	46.4	0.0	-0.1%	
46.9%	46.4	46.3	-0.1	-0.2%	
48.1%	46.2	46.3	0.1	0.2%	
49.4%	46.2	46.3	0.1	0.1%	
50.6%	46.2	46.2	0.0	0.1%	
51.9%	46.2	46.2	0.0	0.0%	
53.1%	46.2	46.2	0.0	0.0%	
54.3%	46.1	46.1	0.0	0.0%	
55.6%	46.1	46.1	0.0	0.1%	
56.8%	46.1	46.1	0.0	0.0%	
58.0%	46.0	46.1	0.1	0.1%	
59.3%	46.0	46.0	0.1	0.1%	
60.5%	46.0	46.0	0.0	0.0%	
61.7%	45.9	46.0	0.0	0.1%	
63.0%	45.9	46.0	0.0	0.1%	
64.2%	45.9	46.0	0.0	0.0%	
65.4%	45.9	46.0	0.0	0.0%	
66.7%	45.8	45.8	0.0	0.1%	
67.9%	45.8	45.8	0.0	0.0%	
69.1%	45.7	45.7	0.0	0.0%	
70.4%	45.6	45.7	0.0	0.1%	
71.6%	45.5	45.5	-0.1	-0.1%	
72.8%	45.2	45.4	0.0	0.0%	
74.1%	45.4	45.4	0.0	0.0%	
75.3%	45.4	45.4	0.0	0.0%	
76.5%	45.4	45.3	0.0	0.0%	
77.8%	45.3	45.3	0.0	0.0%	
79.0%	45.2	45.2	0.0	-0.1%	
80.2%	45.2	45.2	0.0	0.0%	
81.5%	45.1	45.1	0.0	0.1%	
82.7%	45.0	45.1	0.1	0.2%	
84.0%	45.0	45.1	0.1	0.2%	
85.2%	44.9	45.0	0.1	0.2%	
86.4%	44.9	44.9	0.0	0.1%	
87.7%	44.9	44.9	0.0	0.0%	
88.9%	44.8	44.8	0.0	0.1%	
90.1%	44.7	44.8	0.1	0.2%	
91.4%	44.7	44.6	0.0	-0.1%	
92.6%	44.6	44.6	0.0	0.1%	
93.8%	44.5	44.5	0.0	0.1%	
95.1%	44.5	44.5	0.0	0.0%	
96.3%	44.4	44.4	0.0	0.1%	
97.5%	44.4	44.4	0.0	0.0%	
98.8%	44.2	44.3	0.1	0.2%	
100.0%	43.7	43.7	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.1	53.1	0.0	0.0%	
1.2%	52.4	52.4	0.0	-0.1%	
2.5%	51.8	51.8	0.1	0.2%	
3.7%	51.7	51.7	0.0	0.1%	
4.9%	51.4	51.6	0.2	0.5%	
6.2%	51.4	51.5	0.1	0.1%	
7.4%	51.3	51.4	0.0	0.1%	
8.6%	51.3	51.3	0.1	0.2%	
9.9%	51.3	51.3	0.1	0.1%	
11.1%	51.1	51.2	0.1	0.2%	
12.3%	51.1	51.1	0.0	0.0%	
13.6%	51.1	51.1	0.0	0.0%	
14.8%	51.0	51.0	0.0	0.0%	
16.0%	50.7	50.7	0.0	-0.1%	
17.3%	50.6	50.7	0.1	0.1%	
18.5%	50.5	50.5	-0.1	-0.1%	
19.8%	50.5	50.4	0.0	-0.1%	
21.0%	50.3	50.4	0.0	0.1%	
22.2%	50.3	50.4	0.0	0.0%	
23.5%	50.3	50.3	0.0	0.1%	
24.7%	50.2	50.3	0.0	0.1%	
25.9%	50.1	50.3	0.1	0.3%	
27.2%	50.1	50.2	0.1	0.1%	
28.4%	50.1	50.1	0.0	0.0%	
29.6%	50.1	50.1	0.0	0.0%	
30.9%	50.1	50.1	0.0	0.0%	
32.1%	50.0	50.1	0.1	0.2%	
33.3%	49.9	50.1	0.2	0.3%	
34.5%	49.9	50.0	0.1	0.3%	
35.8%	49.8	49.8	0.1	0.2%	
37.0%	49.8	49.9	0.1	0.2%	
38.3%	49.7	49.8	0.1	0.2%	
39.5%	49.7	49.8	0.1	0.3%	
40.7%	49.6	49.8	0.1	0.3%	
42.0%	49.6	49.7	0.0	0.0%	
43.2%	49.6	49.6	0.1	0.2%	
44.4%	49.5	49.6	0.2	0.3%	
45.7%	49.4	49.6	0.2	0.4%	
46.9%	49.4	49.6	0.2	0.4%	
48.1%	49.4	49.5	0.1	0.2%	
49.4%	49.3	49.5	0.2	0.3%	
50.6%	49.3	49.4	0.1	0.1%	
51.9%	49.3	49.3	0.0	0.1%	
53.1%	49.3	49.3	0.0	0.0%	
54.3%	49.2	49.3	0.1	0.2%	
55.6%	49.2	49.2	0.0	0.1%	
56.8%	49.1	49.1	0.0	-0.1%	
58.0%	48.9	49.0	0.1	0.3%	
59.3%	48.9	48.9	0.0	0.1%	
60.5%	48.8	48.8	0.0	0.0%	
61.7%	48.8	48.8	0.0	0.1%	
63.0%	48.8	48.8	0.0	0.1%	
64.2%	48.8	48.8	0.1	0.1%	
65.4%	48.7	48.7	0.0	0.0%	
66.7%	48.7	48.7	0.0	-0.1%	
67.9%	48.7	48.7	0.0	0.0%	
69.1%	48.7	48.6	-0.1	-0.2%	
70.4%	48.6	48.5	-0.1	-0.2%	
71.6%	48.5	48.5	0.0	0.0%	
72.8%	48.5	48.5	0.0	0.1%	
74.1%	48.4	48.4	0.0	0.0%	
75.3%	48.2	48.2	0.0	0.0%	
76.5%	48.0	48.2	0.2	0.4%	
77.8%	47.9	48.2	0.2	0.4%	
79.0%	47.9	48.1	0.1	0.3%	
80.2%	47.9	48.0	0.1	0.1%	
81.5%	47.9	48.0	0.1	0.1%	
82.7%	47.8	47.8	-0.1	-0.1%	
84.0%	47.8	47.8	0.0	0.0%	
85.2%	47.7	47.7	0.0	0.1%	
86.4%	47.7	47.7	0.0	-0.1%	
87.7%	47.6	47.7	0.0	0.1%	
88.9%	47.6	47.6	0.0	0.0%	
90.1%	47.5	47.6	0.2	0.3%	
91.4%	47.5	47.5	0.0	0.0%	
92.6%	47.4	47.5	0.1	0.1%	
93.8%	47.2	47.2	0.0	0.0%	
95.1%	47.0	47.0	0.0	0.0%	
96.3%	46.9	46.9	0.0	0.0%	
97.5%	46.8	46.8	0.0	0.0%	
98.8%	46.6	46.7	0.1	0.2%	
100.0%	46.2	46.2	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.2	56.6	0.4	0.8%	
1.2%	55.5	56.5	1.0	1.7%	
2.5%	55.1	55.3	0.2	0.4%	
3.7%	55.0	55.2	0.1	0.3%	
4.9%	54.9	55.0	0.1	0.1%	
6.2%	54.9	55.0	0.1	0.1%	
7.4%	54.8	55.0	0.2	0.4%	
8.6%	54.7	54.9	0.2	0.3%	
9.9%	54.7	54.9	0.2	0.3%	
11.1%	54.6	54.9	0.3	0.5%	
12.3%	54.5	54.7	0.3	0.5%	
13.6%	54.1	54.7	0.6	1.1%	
14.8%	54.1	54.7	0.6	1.2%	
16.0%	54.0	54.7	0.7	1.2%	
17.3%	54.0	54.7	0.7	1.3%	
18.5%	53.9	54.6	0.6	1.1%	
19.8%	53.8	54.5	0.6	1.2%	
21.0%	53.8	54.4	0.7	1.3%	
22.2%	53.7	54.4	0.7	1.2%	
23.5%	53.7	54.2	0.6	1.1%	
24.7%	53.6	54.1	0.5	0.9%	
25.9%	53.5	54.1	0.5	0.9%	
27.2%	53.4	53.9	0.5	0.9%	
28.4%	53.3	53.9	0.6	1.1%	
29.6%	53.3	53.7	0.4	0.8%	
30.9%	53.3	53.7	0.4	0.8%	
32.1%	53.2	53.7	0.5	0.9%	
33.3%	53.2	53.7	0.5	0.9%	
34.5%	53.1	53.6	0.5	1.0%	
35.8%	53.0	53.5	0.5	1.0%	
37.0%	53.0	53.5	0.5	1.0%	
38.3%	53.0	53.5	0.5	0.9%	
39.5%	53.0	53.5	0.5	1.0%	
40.7%	52.9	53.4	0.5	0.9%	
42.0%	52.9	53.3	0.4	0.7%	
43.2%	52.9	53.3	0.4	0.8%	
44.4%	52.9	53.3	0.4	0.8%	
45.7%	52.9	53.3	0.4	0.7%	
46.9%	52.8	53.2	0.5	0.9%	
48.1%	52.7	53.2	0.5	0.9%	
49.4%	52.6	53.1	0.5	0.9%	
50.6%	52.6	53.1	0.5	0.9%	
51.9%	52.6	53.1	0.5	1.0%	
53.1%	52.6	53.0	0.4	0.8%	
54.3%	52.6	52.9	0.4	0.7%	
55.6%	52.6	52.9	0.4	0.7%	
56.8%	52.5	52.9	0.4	0.7%	
58.0%	52.5	52.9	0.3	0.6%	
59.3%	52.4	52.8	0.4	0.8%	
60.5%	52.3	52.8	0.5	0.9%	
61.7%	52.2	52.7	0.5	0.9%	
63.0%	52.1	52.6	0.5	1.0%	
64.2%	52.1	52.6	0.5	1.0%	
65.4%	52.1	52.6	0.5	1.0%	
66.7%	52.0	52.5	0.5	1.0%	
67.9%	52.0	52.5	0.5	1.0%	
69.1%	51.8	52.5	0.7	1.3%	
70.4%	51.6	52.4	0.8	1.5%	
71.6%	51.6	52.4	0.8	1.5%	
72.8%	51.5	52.3	0.8	1.6%	
74.1%	51.4	52.3	0.9	1.7%	
75.3%	51.4	52.3	0.9	1.7%	
76.5%	51.4	52.2	0.8	1.6%	
77.8%	51.3	52.1	0.8	1.6%	
79.0%	51.3	51.7	0.5	0.9%	
80.2%					

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.3	58.6	-0.7	-1.2%	
1.2%	59.1	58.5	-0.7	-1.1%	
2.5%	57.9	57.6	-0.2	-0.3%	
3.7%	57.5	57.1	-0.4	-0.8%	
4.9%	57.4	57.0	-0.4	-0.8%	
6.2%	56.8	57.0	0.2	0.3%	
7.4%	56.8	56.7	-0.1	-0.2%	
8.6%	56.7	56.7	0.0	0.0%	
9.9%	56.5	56.5	0.0	0.0%	
11.1%	56.5	56.5	0.0	0.0%	
12.3%	56.1	56.2	0.1	0.2%	
13.6%	56.0	56.1	0.0	0.1%	
14.8%	55.9	56.0	0.1	0.2%	
16.0%	55.9	55.7	-0.1	-0.3%	
17.3%	55.8	55.6	-0.1	-0.3%	
18.5%	55.7	55.6	-0.1	-0.2%	
19.8%	55.7	55.6	-0.1	-0.1%	
21.0%	55.6	55.5	0.0	-0.1%	
22.2%	55.6	55.5	-0.1	-0.2%	
23.5%	55.5	55.4	0.0	-0.1%	
24.7%	55.4	55.3	-0.1	-0.2%	
25.9%	55.3	55.3	0.0	0.0%	
27.2%	55.4	55.3	-0.1	-0.1%	
28.4%	55.3	55.2	-0.1	-0.2%	
29.6%	55.3	55.2	-0.1	-0.2%	
30.9%	55.3	55.1	-0.2	-0.3%	
32.1%	55.1	55.1	0.0	0.0%	
33.3%	55.1	55.1	0.0	0.0%	
34.5%	55.1	55.1	0.0	0.0%	
35.8%	55.0	55.0	0.0	0.0%	
37.0%	55.0	55.0	0.0	0.1%	
38.3%	55.0	55.0	0.0	0.1%	
39.5%	55.0	55.0	0.0	0.1%	
40.7%	55.0	55.0	0.0	0.0%	
42.0%	54.9	54.9	0.0	-0.1%	
43.2%	54.9	54.9	0.0	0.0%	
44.4%	54.8	54.9	0.1	0.1%	
45.7%	54.8	54.8	0.0	0.0%	
46.9%	54.8	54.8	0.0	0.0%	
48.1%	54.8	54.8	0.0	0.0%	
49.4%	54.7	54.8	0.1	0.3%	
50.6%	54.7	54.8	0.1	0.2%	
51.9%	54.6	54.7	0.0	0.1%	
53.1%	54.6	54.7	0.1	0.1%	
54.3%	54.6	54.6	0.0	0.0%	
55.6%	54.6	54.6	0.0	0.0%	
56.8%	54.6	54.6	0.0	0.0%	
58.0%	54.6	54.6	0.0	0.0%	
59.3%	54.5	54.6	0.0	0.0%	
60.5%	54.5	54.5	0.0	0.1%	
61.7%	54.4	54.4	0.0	0.0%	
63.0%	54.4	54.4	0.0	0.0%	
64.2%	54.4	54.4	0.0	-0.1%	
65.4%	54.4	54.4	0.0	0.0%	
66.7%	54.3	54.3	0.0	0.1%	
67.9%	54.2	54.3	0.1	0.2%	
69.1%	54.0	54.3	0.2	0.4%	
70.4%	54.0	54.3	0.2	0.4%	
71.6%	54.0	54.3	0.3	0.5%	
72.8%	54.0	54.2	0.2	0.4%	
74.1%	54.0	54.1	0.1	0.2%	
75.3%	53.9	54.1	0.2	0.3%	
76.5%	53.9	54.0	0.1	0.3%	
77.8%	53.9	54.0	0.1	0.2%	
79.0%	53.9	54.0	0.1	0.2%	
80.2%	53.8	53.9	0.1	0.2%	
81.5%	53.8	53.9	0.1	0.2%	
82.7%	53.8	53.9	0.1	0.1%	
84.0%	53.7	53.9	0.1	0.2%	
85.2%	53.7	53.9	0.2	0.4%	
86.4%	53.6	53.8	0.2	0.3%	
87.7%	53.6	53.7	0.1	0.2%	
88.9%	53.5	53.6	0.1	0.3%	
90.1%	53.4	53.6	0.2	0.3%	
91.4%	53.2	53.6	0.3	0.6%	
92.6%	53.2	53.5	0.3	0.6%	
93.8%	53.0	53.4	0.3	0.6%	
95.1%	53.0	53.2	0.1	0.2%	
96.3%	52.9	53.1	0.2	0.3%	
97.5%	52.7	53.0	0.3	0.6%	
98.8%	52.6	52.9	0.3	0.6%	
100.0%	52.4	52.4	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	62.0	61.2	-0.8	-1.3%	
1.2%	59.9	59.9	0.0	0.0%	
2.5%	59.6	59.3	-0.3	-0.5%	
3.7%	59.5	59.2	-0.2	-0.3%	
4.9%	59.2	58.5	-0.7	-1.2%	
6.2%	59.2	58.3	-0.9	-1.5%	
7.4%	59.0	58.3	-0.7	-1.2%	
8.6%	58.9	58.0	-0.9	-1.6%	
9.9%	57.9	57.6	-0.3	-0.6%	
11.1%	57.7	57.6	-0.2	-0.3%	
12.3%	57.6	57.0	-0.6	-1.0%	
13.6%	57.4	56.9	-0.5	-0.8%	
14.8%	57.2	56.9	-0.3	-0.6%	
16.0%	56.8	56.8	0.0	0.0%	
17.3%	56.7	56.5	-0.2	-0.4%	
18.5%	56.5	56.4	-0.2	-0.3%	
19.8%	56.5	56.2	-0.3	-0.5%	
21.0%	56.2	56.1	-0.1	-0.2%	
22.2%	56.1	56.1	0.0	0.0%	
23.5%	56.0	56.1	0.0	0.1%	
24.7%	56.0	56.1	0.1	0.1%	
25.9%	56.0	56.0	0.0	0.1%	
27.2%	55.9	56.0	0.0	0.1%	
28.4%	55.9	55.9	0.0	0.0%	
29.6%	55.9	55.9	0.0	0.0%	
30.9%	55.9	55.9	0.0	0.0%	
32.1%	55.9	55.8	0.0	-0.1%	
33.3%	55.9	55.7	-0.1	-0.2%	
34.5%	55.9	55.7	-0.1	-0.2%	
35.8%	55.7	55.6	-0.1	-0.2%	
37.0%	55.7	55.5	-0.2	-0.3%	
38.3%	55.6	55.5	-0.2	-0.3%	
39.5%	55.5	55.4	-0.1	-0.1%	
40.7%	55.5	55.4	-0.1	-0.2%	
42.0%	55.5	55.4	-0.1	-0.1%	
43.2%	55.4	55.4	0.0	0.0%	
44.4%	55.4	55.4	0.0	0.0%	
45.7%	55.2	55.2	0.0	-0.1%	
46.9%	55.2	55.1	-0.1	-0.2%	
48.1%	55.2	55.1	-0.1	-0.1%	
49.4%	55.1	55.1	0.0	0.0%	
50.6%	55.0	55.0	0.0	0.0%	
51.9%	54.8	55.0	0.2	0.3%	
53.1%	54.7	55.0	0.2	0.4%	
54.3%	54.7	54.9	0.2	0.3%	
55.6%	54.7	54.8	0.1	0.1%	
56.8%	54.7	54.8	0.1	0.1%	
58.0%	54.6	54.7	0.1	0.2%	
59.3%	54.6	54.7	0.1	0.2%	
60.5%	54.6	54.7	0.1	0.3%	
61.7%	54.6	54.7	0.1	0.2%	
63.0%	54.5	54.6	0.1	0.2%	
64.2%	54.5	54.6	0.1	0.2%	
65.4%	54.4	54.6	0.2	0.3%	
66.7%	54.4	54.5	0.1	0.2%	
67.9%	54.4	54.5	0.1	0.3%	
69.1%	54.4	54.5	0.1	0.3%	
70.4%	54.4	54.5	0.1	0.2%	
71.6%	54.4	54.5	0.1	0.2%	
72.8%	54.4	54.4	0.0	0.1%	
74.1%	54.3	54.4	0.1	0.2%	
75.3%	54.2	54.4	0.2	0.3%	
76.5%	54.2	54.4	0.2	0.3%	
77.8%	54.2	54.4	0.2	0.3%	
79.0%	54.2	54.3	0.2	0.3%	
80.2%	54.2	54.3	0.1	0.2%	
81.5%	54.2	54.3	0.1	0.1%	
82.7%	54.1	54.2	0.1	0.3%	
84.0%	54.1	54.2	0.1	0.2%	
85.2%	54.0	54.0	-0.1	-0.2%	
86.4%	54.0	53.9	-0.1	-0.1%	
87.7%	54.0	53.9	-0.1	-0.2%	
88.9%	53.9	53.9	0.0	0.0%	
90.1%	53.9	53.9	0.0	0.0%	
91.4%	53.9	53.9	0.0	0.0%	
92.6%	53.8	53.5	-0.2	-0.4%	
93.8%	53.7	53.5	-0.2	-0.4%	
95.1%	53.4	53.4	0.0	0.0%	
96.3%	53.4	53.2	-0.2	-0.4%	
97.5%	53.2	53.1	-0.1	-0.2%	
98.8%	53.2	53.1	0.0	-0.1%	
100.0%	53.1	52.8	-0.3	-0.6%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.5	65.3	-1.2	-1.9%	
1.2%	65.9	61.3	-4.6	-8.9%	
2.5%	65.0	61.1	-3.9	-6.1%	
3.7%	64.7	60.0	-4.7	-8.7%	
4.9%	61.0	58.3	-2.7	-4.4%	
6.2%	60.0	58.2	-1.7	-2.9%	
7.4%	59.9	58.0	-1.9	-3.1%	
8.6%	58.8	57.9	-0.9	-1.6%	
9.9%	58.3	57.5	-0.8	-1.4%	
11.1%	58.1	57.5	-0.6	-1.0%	
12.3%	58.1	57.5	-0.5	-0.9%	
13.6%	58.0	57.5	-0.6	-1.0%	
14.8%	57.7	57.4	-0.3	-0.5%	
16.0%	57.4	57.4	0.0	-0.1%	
17.3%	57.2	57.1	-0.1	-0.2%	
18.5%	57.0	57.0	0.0	0.0%	
19.8%	57.0	57.0	0.0	0.0%	
21.0%	56.9	56.9	0.0	0.0%	
22.2%	56.9	56.9	0.0	0.1%	
23.5%	56.9	56.9	0.0	0.0%	
24.7%	56.9	56.8	-0.1	-0.2%	
25.9%	56.7	56.7	0.0	-0.1%	
27.2%	56.7	56.4	-0.3	-0.6%	
28.4%	56.6	56.4	-0.3	-0.5%	
29.6%	56.6	56.3	-0.3	-0.6%	
30.9%	56.6	56.3	-0.3	-0.6%	
32.1%	56.6	56.3	-0.3	-0.5%	
33.3%	56.6	56.2	-0.3	-0.6%	
34.5%	56.5	56.1	-0.4	-0.7%	
35.8%	56.5	56.1	-0.4	-0.7%	
37.0%	56.4	56.1	-0.3	-0.6%	
38.3%	56.4	56.1	-0.3	-0.6%	
39.5%	56.2	56.1	-0.2	-0.3%	
40.7%	56.1	56.0	-0.1	-0.2%	
42.0%	56.1	56.0	-0.1	-0.2%	
43.2%	56.1	56.0	-0.1	-0.3%	
44.4%	56.1	56.0	-0.1	-0.2%	
45.7%	56.1	56.0	-0.1	-0.2%	
46.9%	56.1	55.9	-0.1	-0.2%	
48.1%	56.0	55.9	-0.1	-0.2%	
49.4%	56.0	55.9	-0.2	-0.3%	
50.6%	55.9	55.9	0.0	0.0%	
51.9%	55.8	55.8	0.0	0.1%	
53.1%	55.8	55.8	0.0	0.0%	
54.3%	55.8	55.8	0.0	0.0%	
55.6%	55.8	55.7	0.0	-0.1%	
56.8%	55.7	55.7	0.0	-0.1%	
58.0%	55.6	55.7	0.1	0.2%	
59.3%	55.6	55.7	0.1	0.2%	
60.5%	55.6	55.5	0.0	-0.1%	
61.7%	55.6	55.5	0.0	-0.1%	
63.0%	55.6	55.5	-0.1	-0.1%	
64.2%	55.5	55.5	0.0	-0.1%	
65.4%	55.5	55.4	-0.1	-0.2%	
66.7%	55.5	55.4	-0.1	-0.1%	
67.9%	55.5	55.4	-0.1	-0.1%	
69.1%	55.5	55.4	-0.1	-0.1%	
70.4%	55.4	55.4	0.0	-0.1%	
71.6%	55.4	55.4	0.0	0.0%	
72.8%	55.4	55.3	-0.1	-0.2%	
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	-0.1	-0.3%	
77.8%	55.3	55.2	-0.1	-0.1%	
79.0%	55.3	55.2	-0.1	-0.2%	
80.2%	55.				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8
Alternative C	54.8	51.0	46.6	44.9	46.2	49.4	53.3	55.5	55.5	56.1	56.9	57.4
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	-0.1	-0.3	-0.4
Percent Difference ³	-0.8%	-0.4%	0.5%	0.5%	0.1%	0.1%	0.9%	0.1%	0.1%	-0.1%	-0.6%	-0.7%
Water Year Types ²												
Wet (32%)												
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7
Alternative C	54.4	51.5	46.9	44.9	45.9	48.5	52.1	55.0	55.3	56.3	56.6	55.6
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.4%	-0.3%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8
Alternative C	53.8	50.8	47.3	45.2	46.3	49.6	53.5	55.7	54.9	55.1	56.7	56.9
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.1
Percent Difference	-0.6%	-0.1%	0.9%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.2%	0.1%
Below Normal (17%)												
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6
Alternative C	53.5	50.4	46.8	44.7	45.8	49.3	53.8	55.6	55.1	55.4	56.3	57.2
Difference	-0.4	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.1	-0.4
Percent Difference	-0.7%	-0.3%	0.2%	0.4%	0.0%	0.0%	1.1%	0.3%	0.2%	-0.2%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8
Alternative C	54.9	50.9	46.3	44.9	46.3	50.1	54.0	55.3	55.7	55.7	56.6	58.1
Difference	-0.6	-0.4	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.0	-0.5	-0.7
Percent Difference	-1.1%	-0.7%	0.0%	0.8%	0.0%	0.1%	1.3%	0.5%	0.4%	0.1%	-0.8%	-1.2%
Critical (15%)												
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3
Alternative C	57.8	50.7	45.8	44.8	47.1	50.4	53.8	56.4	56.9	58.3	58.6	61.2
Difference	-0.8	-0.3	0.2	0.2	0.1	0.1	0.9	0.5	-0.1	-0.7	-2.0	-1.1
Percent Difference	-1.4%	-0.6%	0.5%	0.5%	0.3%	0.2%	1.7%	0.9%	-0.1%	-1.2%	-3.2%	-1.8%

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

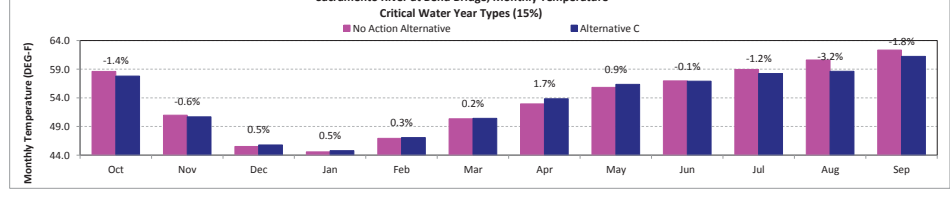
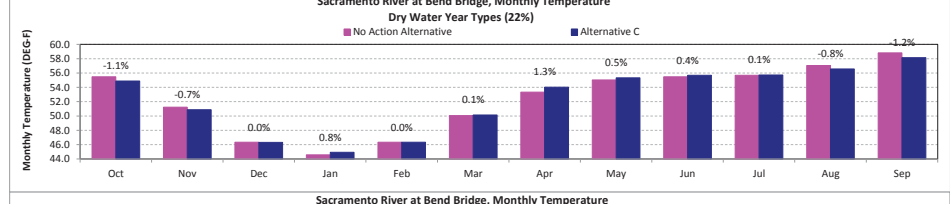
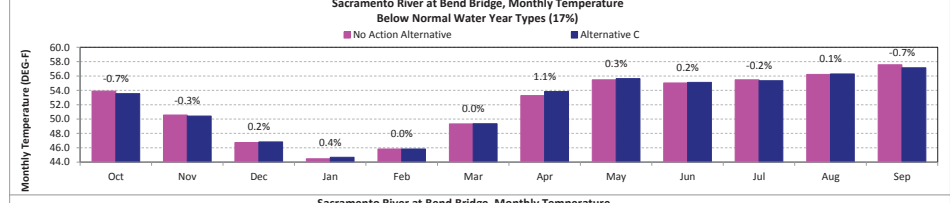
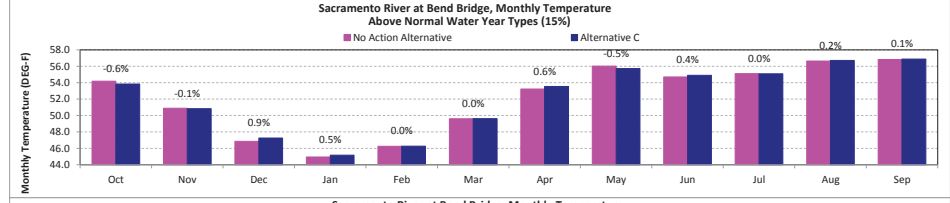
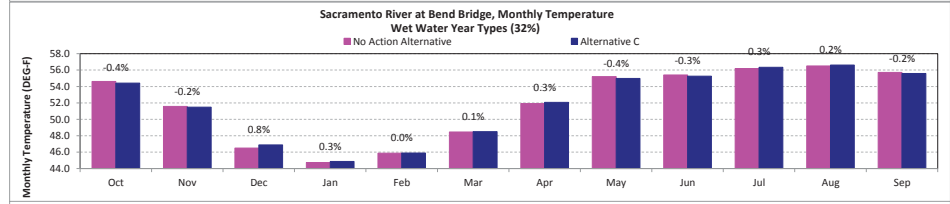
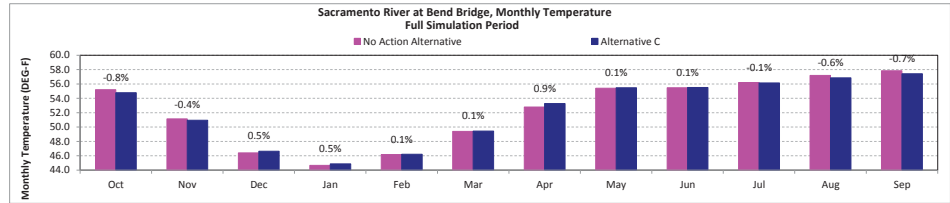


Figure SQ-05-7b
 Sacramento River at Bend Bridge, Monthly Temperature
 Probability of Exceedance

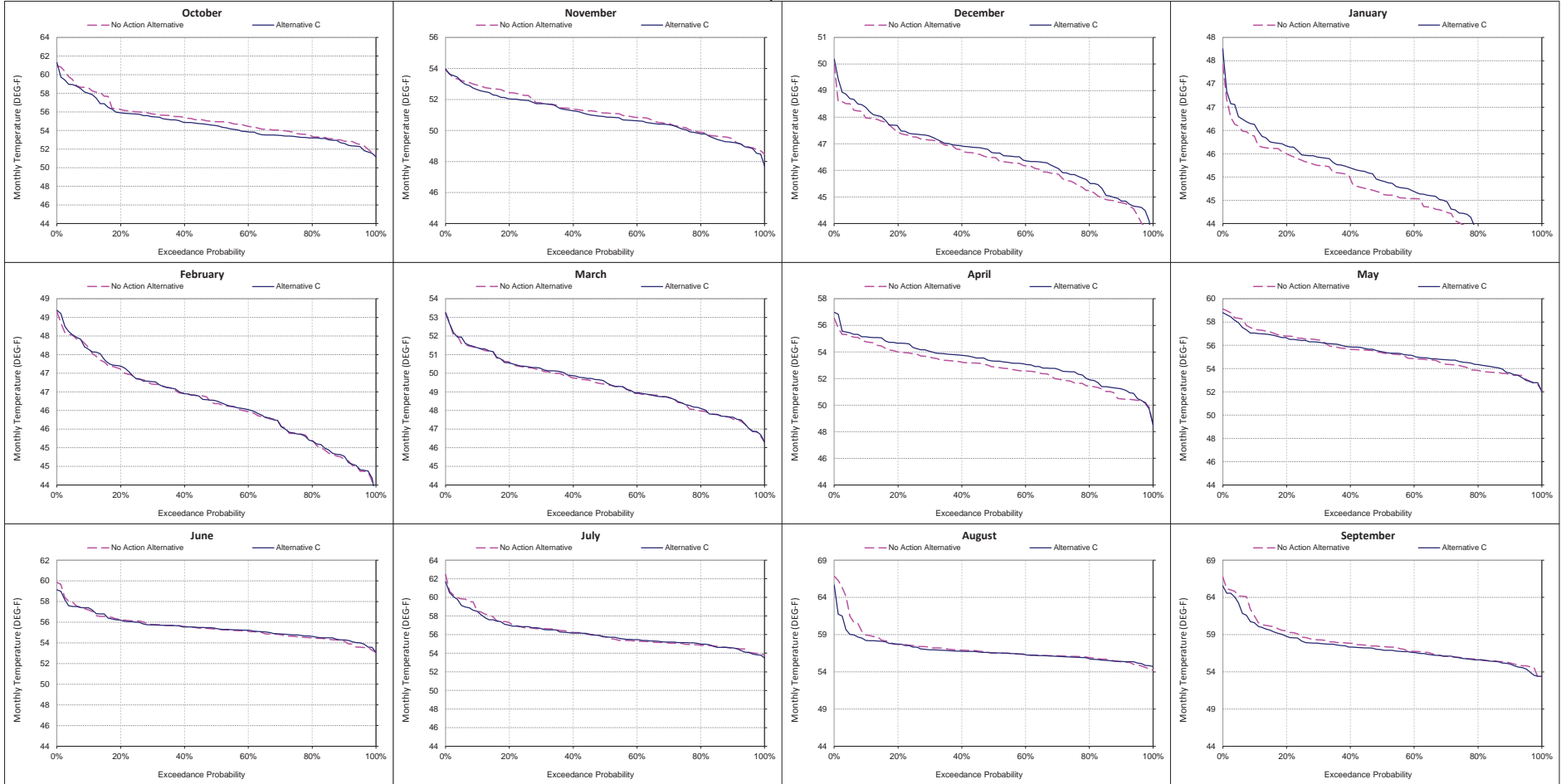


Table SQ-05-7b
Sacramento River at Bond Bridge, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.9	61.3	0.4	0.6%	
1.2%	60.8	59.8	-1.1	-1.8%	
2.5%	60.4	59.4	-0.9	-1.5%	
3.7%	59.8	59.0	-0.8	-1.4%	
4.9%	59.5	58.9	-0.5	-0.9%	
6.2%	58.8	58.8	0.0	-0.1%	
7.4%	58.7	58.5	-0.2	-0.3%	
8.6%	58.6	58.1	-0.5	-0.9%	
9.9%	58.6	58.0	-0.6	-1.0%	
11.1%	58.2	57.8	-0.4	-0.7%	
12.3%	58.1	57.5	-0.6	-1.1%	
13.6%	58.1	56.9	-1.2	-2.1%	
14.8%	57.7	56.9	-0.8	-1.4%	
16.0%	57.7	56.5	-1.2	-2.1%	
17.3%	56.4	56.3	-0.1	-0.2%	
18.5%	56.3	56.0	-0.4	-0.6%	
19.8%	56.3	55.9	-0.4	-0.7%	
21.0%	56.2	55.8	-0.3	-0.6%	
22.2%	56.1	55.8	-0.3	-0.5%	
23.5%	56.1	55.8	-0.3	-0.5%	
24.7%	56.0	55.8	-0.2	-0.4%	
25.9%	55.7	55.7	0.0	-0.1%	
27.2%	55.9	55.6	-0.3	-0.6%	
28.4%	55.9	55.6	-0.3	-0.5%	
29.6%	55.8	55.5	-0.3	-0.6%	
30.9%	55.8	55.4	-0.3	-0.6%	
32.1%	55.7	55.4	-0.2	-0.4%	
33.3%	55.7	55.3	-0.4	-0.7%	
34.5%	55.6	55.2	-0.4	-0.8%	
35.8%	55.6	55.1	-0.5	-0.8%	
37.0%	55.5	55.1	-0.4	-0.7%	
38.3%	55.5	55.0	-0.5	-0.8%	
39.5%	55.4	54.9	-0.6	-1.0%	
40.7%	55.3	54.9	-0.4	-0.8%	
42.0%	55.3	54.9	-0.4	-0.8%	
43.2%	55.2	54.8	-0.4	-0.7%	
44.4%	55.2	54.7	-0.4	-0.8%	
45.7%	55.2	54.7	-0.4	-0.8%	
46.9%	55.0	54.7	-0.4	-0.7%	
48.1%	55.0	54.6	-0.4	-0.7%	
49.4%	55.0	54.5	-0.4	-0.8%	
50.6%	54.9	54.5	-0.4	-0.8%	
51.9%	54.9	54.3	-0.6	-1.1%	
53.1%	54.9	54.3	-0.6	-1.1%	
54.3%	54.8	54.2	-0.7	-1.2%	
55.6%	54.7	54.1	-0.6	-1.0%	
56.8%	54.7	54.1	-0.6	-1.1%	
58.0%	54.6	53.9	-0.7	-1.3%	
59.3%	54.5	53.9	-0.6	-1.1%	
60.5%	54.4	53.8	-0.6	-1.1%	
61.7%	54.4	53.8	-0.6	-1.0%	
63.0%	54.3	53.7	-0.6	-1.1%	
64.2%	54.1	53.5	-0.6	-1.1%	
65.4%	54.1	53.5	-0.6	-1.1%	
66.7%	54.1	53.5	-0.6	-1.1%	
67.9%	54.1	53.5	-0.5	-1.0%	
69.1%	54.0	53.5	-0.5	-1.0%	
70.4%	54.0	53.5	-0.5	-1.0%	
71.6%	54.0	53.4	-0.6	-1.0%	
72.8%	53.9	53.4	-0.5	-0.9%	
74.1%	53.8	53.4	-0.4	-0.8%	
75.3%	53.7	53.3	-0.3	-0.6%	
76.5%	53.6	53.3	-0.3	-0.6%	
77.8%	53.6	53.3	-0.3	-0.6%	
79.0%	53.6	53.2	-0.3	-0.7%	
80.2%	53.3	53.2	-0.1	-0.2%	
81.5%	53.3	53.2	-0.1	-0.2%	
82.7%	53.3	53.2	-0.1	-0.2%	
84.0%	53.3	53.2	-0.1	-0.2%	
85.2%	53.1	53.0	-0.1	-0.3%	
86.4%	53.1	52.9	-0.2	-0.3%	
87.7%	53.0	52.9	-0.1	-0.1%	
88.9%	53.0	52.7	-0.3	-0.5%	
90.1%	52.8	52.6	-0.2	-0.5%	
91.4%	52.8	52.4	-0.4	-0.8%	
92.6%	52.8	52.4	-0.5	-0.9%	
93.8%	52.6	52.3	-0.3	-0.5%	
95.1%	52.5	52.3	-0.2	-0.4%	
96.3%	52.3	51.9	-0.4	-0.7%	
97.5%	52.0	51.7	-0.3	-0.6%	
98.8%	51.6	51.5	-0.1	-0.2%	
100.0%	51.4	51.2	0.0	-0.5%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.9	53.9	0.0	0.1%	
1.2%	53.7	53.6	0.0	-0.1%	
2.5%	53.4	53.5	0.2	0.3%	
3.7%	53.3	53.3	0.1	0.2%	
4.9%	53.2	53.2	-0.1	-0.1%	
6.2%	53.1	53.0	-0.2	-0.3%	
7.4%	53.1	52.9	-0.2	-0.4%	
8.6%	53.0	52.7	-0.3	-0.5%	
9.9%	52.9	52.6	-0.3	-0.5%	
11.1%	52.9	52.6	-0.3	-0.6%	
12.3%	52.8	52.5	-0.3	-0.5%	
13.6%	52.7	52.5	-0.3	-0.5%	
14.8%	52.7	52.3	-0.4	-0.8%	
16.0%	52.7	52.3	-0.4	-0.8%	
17.3%	52.6	52.1	-0.5	-1.0%	
18.5%	52.5	52.1	-0.4	-0.8%	
19.8%	52.4	52.0	-0.4	-0.7%	
21.0%	52.4	52.0	-0.4	-0.8%	
22.2%	52.4	52.0	-0.4	-0.7%	
23.5%	52.3	52.0	-0.4	-0.7%	
24.7%	52.3	52.0	-0.3	-0.6%	
25.9%	52.3	51.8	-0.5	-0.9%	
27.2%	52.0	51.8	-0.2	-0.4%	
28.4%	51.8	51.7	-0.1	-0.1%	
29.6%	51.8	51.7	-0.1	-0.1%	
30.9%	51.7	51.7	0.0	0.0%	
32.1%	51.7	51.7	0.0	0.0%	
33.3%	51.7	51.7	0.0	0.0%	
34.5%	51.6	51.6	-0.1	-0.1%	
35.8%	51.5	51.4	0.0	-0.1%	
37.0%	51.5	51.4	-0.1	-0.1%	
38.3%	51.4	51.3	-0.1	-0.2%	
39.5%	51.4	51.3	-0.1	-0.2%	
40.7%	51.4	51.2	-0.1	-0.2%	
42.0%	51.3	51.2	-0.1	-0.2%	
43.2%	51.3	51.1	-0.2	-0.3%	
44.4%	51.3	51.0	-0.2	-0.4%	
45.7%	51.3	51.0	-0.3	-0.5%	
46.9%	51.2	51.0	-0.3	-0.5%	
48.1%	51.2	50.9	-0.3	-0.5%	
49.4%	51.1	50.9	-0.2	-0.4%	
50.6%	51.1	50.9	-0.2	-0.5%	
51.9%	51.1	50.9	-0.2	-0.5%	
53.1%	51.1	50.8	-0.2	-0.5%	
54.3%	51.1	50.8	-0.3	-0.5%	
55.6%	51.0	50.7	-0.3	-0.6%	
56.8%	50.9	50.7	-0.3	-0.5%	
58.0%	50.9	50.6	-0.3	-0.5%	
59.3%	50.9	50.6	-0.2	-0.4%	
60.5%	50.8	50.6	-0.2	-0.4%	
61.7%	50.8	50.6	-0.2	-0.5%	
63.0%	50.8	50.5	-0.3	-0.6%	
64.2%	50.7	50.5	-0.2	-0.5%	
65.4%	50.6	50.4	-0.2	-0.3%	
66.7%	50.5	50.4	-0.1	-0.2%	
67.9%	50.5	50.4	-0.1	-0.2%	
69.1%	50.4	50.4	0.0	-0.1%	
70.4%	50.4	50.4	-0.1	-0.1%	
71.6%	50.3	50.3	0.0	0.0%	
72.8%	50.3	50.2	-0.1	-0.1%	
74.1%	50.2	50.1	-0.1	-0.2%	
75.3%	50.2	50.1	-0.1	-0.3%	
76.5%	50.0	49.9	-0.1	-0.3%	
77.8%	50.0	49.9	-0.1	-0.3%	
79.0%	49.9	49.8	-0.1	-0.1%	
80.2%	49.9	49.8	-0.1	-0.2%	
81.5%	49.8	49.8	-0.1	-0.1%	
82.7%	49.7	49.6	-0.1	-0.1%	
84.0%	49.7	49.5	-0.1	-0.3%	
85.2%	49.6	49.4	-0.2	-0.4%	
86.4%	49.6	49.3	-0.2	-0.5%	
87.7%	49.6	49.3	-0.3	-0.6%	
88.9%	49.5	49.3	-0.3	-0.5%	
90.1%	49.4	49.2	-0.2	-0.4%	
91.4%	49.2	49.2	0.0	0.0%	
92.6%	49.1	49.1	0.0	0.0%	
93.8%	48.9	48.9	0.0	0.0%	
95.1%	48.9	48.8	-0.1	-0.1%	
96.3%	48.9	48.5	-0.4	-0.8%	
97.5%	48.8	48.5	-0.2	-0.5%	
98.8%	48.7	48.5	-0.2	-0.4%	
100.0%	48.5	47.7	-0.8	-1.6%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.0	50.2	0.2	0.4%	
1.2%	48.6	49.4	0.8	1.7%	
2.5%	48.6	48.9	0.4	0.7%	
3.7%	48.5	48.9	0.4	0.7%	
4.9%	48.5	48.7	0.2	0.4%	
6.2%	48.3	48.7	0.4	0.8%	
7.4%	48.2	48.5	0.3	0.5%	
8.6%	48.2	48.5	0.2	0.5%	
9.9%	48.0	48.4	0.4	0.8%	
11.1%	48.0	48.2	0.3	0.5%	
12.3%	47.9	48.1	0.1	0.3%	
13.6%	47.9	48.1	0.1	0.3%	
14.8%	47.9	48.0	0.2	0.4%	
16.0%	47.8	47.9	0.1	0.1%	
17.3%	47.7	47.7	0.0	0.0%	
18.5%	47.6	47.7	0.1	0.3%	
19.8%	47.5	47.7	0.2	0.5%	
21.0%	47.4	47.5	0.1	0.2%	
22.2%	47.3	47.5	0.1	0.3%	
23.5%	47.3	47.4	0.1	0.2%	
24.7%	47.3	47.4	0.1	0.2%	
25.9%	47.3	47.4	0.1	0.3%	
27.2%	47.2	47.3	0.2	0.3%	
28.4%	47.2	47.3	0.2	0.4%	
29.6%	47.1	47.3	0.2	0.3%	
30.9%	47.1	47.2	0.1	0.2%	
32.1%	47.1	47.2	0.1	0.1%	
33.3%	47.1	47.1	0.0	0.1%	
34.5%	47.0	47.0	0.1	0.1%	
35.8%	46.9	47.0	0.1	0.2%	
37.0%	46.9	47.0	0.0	0.1%	
38.3%	46.8	46.9	0.1	0.3%	
39.5%	46.8	46.9	0.1	0.3%	
40.7%	46.8	46.9	0.2	0.4%	
42.0%	46.7	46.9	0.2	0.5%	
43.2%	46.7	46.9	0.2	0.4%	
44.4%	46.6	46.9	0.2	0.5%	
45.7%	46.6	46.9	0.3	0.5%	
46.9%	46.5	46.8	0.3	0.6%	
48.1%	46.5	46.8	0.3	0.6%	
49.4%	46.5	46.7	0.2	0.4%	
50.6%	46.5	46.7	0.2	0.4%	
51.9%	46.3	46.7	0.3	0.7%	
53.1%	46.3	46.5	0.2	0.5%	
54.3%	46.3	46.5	0.2	0.5%	
55.6%	46.3	46.5	0.2	0.5%	
56.8%	46.3	46.5	0.2	0.5%	
58.0%	46.3	46.5	0.3	0.5%	
59.3%	46.2	46.4	0.2	0.4%	
60.5%	46.2	46.3	0.2	0.4%	
61.7%	46.2	46.3	0.2	0.4%	
63.0%	46.1	46.3	0.3	0.6%	
64.2%	46.0	46.3	0.3	0.6%	
65.4%	46.0	46.3	0.4	0.8%	
66.7%	45.9	46.3	0.3	0.7%	
67.9%	45.9	46.2	0.3	0.7%	
69.1%	45.9	46.1	0.3	0.5%	
70.4%	45.9	46.1	0.2	0.5%	
71.6%	45.7	45.9	0.2	0.5%	
72.8%	45.6	45.9	0.3	0.6%	
74.1%	45.6	45.8	0.2	0.5%	
75.3%	45.5	45.8	0.3	0.7%	
76.5%	45.4	45.8	0.4	0.8%	
77.8%	45.4	45.7	0.3	0.8%	
79.0%	45.2	45.7	0.4	0.9%	
80.2%	45.2				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.7	48.7	0.0	0.1%	
1.2%	48.4	48.6	0.3	0.5%	
2.5%	48.1	48.3	0.2	0.3%	
3.7%	48.0	48.1	0.1	0.2%	
4.9%	48.0	48.0	0.0	0.0%	
6.2%	47.9	48.0	0.0	0.1%	
7.4%	47.9	47.9	0.0	0.0%	
8.6%	47.8	47.7	-0.1	-0.2%	
9.9%	47.7	47.6	-0.1	-0.1%	
11.1%	47.5	47.6	0.0	0.1%	
12.3%	47.4	47.6	0.1	0.2%	
13.6%	47.4	47.5	0.2	0.4%	
14.8%	47.3	47.4	0.1	0.1%	
16.0%	47.2	47.3	0.1	0.2%	
17.3%	47.2	47.2	0.0	0.1%	
18.5%	47.2	47.2	0.1	0.1%	
19.8%	47.1	47.2	0.1	0.2%	
21.0%	47.0	47.1	0.1	0.3%	
22.2%	47.0	47.1	0.1	0.2%	
23.5%	47.0	47.0	0.0	0.0%	
24.7%	46.9	46.9	0.0	0.0%	
25.9%	46.8	46.8	0.0	0.0%	
27.2%	46.8	46.8	0.0	-0.1%	
28.4%	46.8	46.8	0.0	0.1%	
29.6%	46.7	46.8	0.1	0.1%	
30.9%	46.7	46.8	0.1	0.1%	
32.1%	46.7	46.7	0.0	0.0%	
33.3%	46.6	46.6	0.0	0.0%	
34.5%	46.6	46.6	0.0	0.0%	
35.8%	46.6	46.6	0.0	0.0%	
37.0%	46.5	46.6	0.0	0.1%	
38.3%	46.5	46.5	0.0	0.1%	
39.5%	46.5	46.5	0.0	0.0%	
40.7%	46.5	46.4	-0.1	0.0%	
42.0%	46.4	46.4	0.0	0.0%	
43.2%	46.4	46.4	0.0	0.0%	
44.4%	46.4	46.4	0.0	0.0%	
45.7%	46.4	46.3	-0.1	-0.2%	
46.9%	46.4	46.3	-0.1	-0.2%	
48.1%	46.2	46.3	0.0	0.1%	
49.4%	46.2	46.3	0.1	0.1%	
50.6%	46.2	46.2	0.1	0.1%	
51.9%	46.1	46.2	0.0	0.1%	
53.1%	46.1	46.2	0.0	0.1%	
54.3%	46.1	46.1	0.0	0.0%	
55.6%	46.1	46.1	0.0	0.0%	
56.8%	46.0	46.1	0.0	0.1%	
58.0%	46.0	46.1	0.1	0.1%	
59.3%	46.0	46.0	0.1	0.1%	
60.5%	45.9	46.0	0.1	0.1%	
61.7%	45.9	46.0	0.1	0.1%	
63.0%	45.9	45.9	0.1	0.1%	
64.2%	45.8	45.9	0.0	0.1%	
65.4%	45.8	45.8	0.0	-0.1%	
66.7%	45.8	45.8	0.0	0.1%	
67.9%	45.8	45.7	-0.0	0.0%	
69.1%	45.7	45.7	0.0	0.0%	
70.4%	45.6	45.6	0.0	0.0%	
71.6%	45.5	45.5	0.0	-0.1%	
72.8%	45.4	45.4	0.0	0.1%	
74.1%	45.4	45.4	0.0	0.0%	
75.3%	45.4	45.4	0.0	0.0%	
76.5%	45.4	45.4	0.0	0.0%	
77.8%	45.3	45.3	0.0	-0.1%	
79.0%	45.2	45.2	0.0	-0.1%	
80.2%	45.2	45.2	0.0	0.0%	
81.5%	45.1	45.1	0.0	0.1%	
82.7%	45.0	45.1	0.1	0.2%	
84.0%	44.9	45.0	0.0	0.1%	
85.2%	44.9	44.9	0.1	0.2%	
86.4%	44.8	44.8	0.0	0.1%	
87.7%	44.8	44.8	0.0	0.1%	
88.9%	44.8	44.8	0.1	0.1%	
90.1%	44.7	44.8	0.1	0.2%	
91.4%	44.6	44.6	0.0	-0.1%	
92.6%	44.5	44.6	0.0	0.1%	
93.8%	44.5	44.5	0.0	0.0%	
95.1%	44.4	44.4	0.0	0.1%	
96.3%	44.4	44.4	0.0	0.1%	
97.5%	44.3	44.3	0.0	0.1%	
98.8%	44.1	44.2	0.1	0.2%	
100.0%	43.6	43.6	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.2	53.2	0.0	0.0%	
1.2%	52.7	52.7	0.0	-0.1%	
2.5%	52.1	52.2	0.1	0.3%	
3.7%	52.0	52.1	0.1	-0.1%	
4.9%	51.6	51.9	0.3	0.7%	
6.2%	51.5	51.6	0.1	0.1%	
7.4%	51.5	51.5	0.0	0.1%	
8.6%	51.4	51.4	0.0	0.1%	
9.9%	51.3	51.4	0.0	0.0%	
11.1%	51.3	51.3	0.0	0.0%	
12.3%	51.2	51.3	0.1	0.2%	
13.6%	51.2	51.2	0.0	0.0%	
14.8%	51.2	51.2	0.0	0.0%	
16.0%	50.8	50.9	0.1	0.1%	
17.3%	50.8	50.8	0.0	-0.1%	
18.5%	50.6	50.6	-0.1	-0.1%	
19.8%	50.6	50.6	-0.1	-0.1%	
21.0%	50.5	50.5	0.0	0.1%	
22.2%	50.4	50.4	0.0	0.1%	
23.5%	50.4	50.4	0.0	0.1%	
24.7%	50.3	50.4	0.0	0.1%	
25.9%	50.3	50.3	0.0	0.1%	
27.2%	50.3	50.3	0.0	0.1%	
28.4%	50.2	50.3	0.1	0.2%	
29.6%	50.2	50.3	0.1	0.2%	
30.9%	50.1	50.2	0.1	0.2%	
32.1%	50.1	50.1	0.1	0.1%	
33.3%	50.0	50.1	0.1	0.2%	
34.5%	50.0	50.1	0.1	0.3%	
35.8%	50.0	50.1	0.1	0.2%	
37.0%	49.9	50.0	0.1	0.3%	
38.3%	49.9	49.9	0.0	0.0%	
39.5%	49.8	49.9	0.1	0.2%	
40.7%	49.7	49.9	0.1	0.2%	
42.0%	49.7	49.8	0.1	0.2%	
43.2%	49.7	49.8	0.1	0.2%	
44.4%	49.6	49.7	0.1	0.2%	
45.7%	49.6	49.7	0.1	0.2%	
46.9%	49.5	49.7	0.2	0.3%	
48.1%	49.5	49.7	0.2	0.4%	
49.4%	49.4	49.6	0.2	0.4%	
50.6%	49.4	49.5	0.1	0.2%	
51.9%	49.4	49.4	0.0	0.0%	
53.1%	49.3	49.3	0.0	0.0%	
54.3%	49.3	49.3	0.0	0.0%	
55.6%	49.3	49.3	0.0	0.0%	
56.8%	49.2	49.1	-0.1	-0.1%	
58.0%	49.0	49.1	0.1	0.1%	
59.3%	48.9	49.0	0.0	0.1%	
60.5%	48.9	49.0	0.0	0.1%	
61.7%	48.9	48.9	0.0	0.1%	
63.0%	48.9	48.9	0.0	0.1%	
64.2%	48.9	48.8	-0.0	0.0%	
65.4%	48.8	48.8	0.0	0.0%	
66.7%	48.8	48.7	-0.1	-0.2%	
67.9%	48.7	48.7	0.0	0.0%	
69.1%	48.7	48.7	0.0	0.0%	
70.4%	48.7	48.7	0.0	0.0%	
71.6%	48.7	48.6	-0.1	-0.1%	
72.8%	48.4	48.5	0.0	0.1%	
74.1%	48.4	48.4	0.0	0.0%	
75.3%	48.3	48.3	0.0	0.0%	
76.5%	48.1	48.3	0.2	0.4%	
77.8%	48.1	48.2	0.1	0.3%	
79.0%	48.0	48.2	0.2	0.3%	
80.2%	48.0	48.1	0.1	0.3%	
81.5%	47.9	48.0	0.1	0.2%	
82.7%	47.8	47.8	0.0	0.0%	
84.0%	47.8	47.8	0.0	0.0%	
85.2%	47.8	47.8	0.0	0.0%	
86.4%	47.7	47.7	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	47.6	0.1	0.2%	
91.4%	47.5	47.5	0.0	-0.1%	
92.6%	47.4	47.5	0.1	0.1%	
93.8%	47.3	47.3	0.0	0.0%	
95.1%	47.0	47.0	0.0	0.0%	
96.3%	46.9	46.9	0.0	0.1%	
97.5%	46.8	46.9	0.0	0.0%	
98.8%	46.6	46.7	0.1	0.2%	
100.0%	46.3	46.3	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.5	57.0	0.4	0.8%	
1.2%	56.8	56.8	1.0	1.8%	
2.5%	56.3	56.6	0.2	0.4%	
3.7%	56.1	56.8	0.7	1.3%	
4.9%	55.2	55.4	0.2	0.4%	
6.2%	55.1	55.3	0.2	0.4%	
7.4%	55.1	55.3	0.2	0.4%	
8.6%	54.9	55.2	0.3	0.5%	
9.9%	54.8	55.1	0.4	0.7%	
11.1%	54.7	55.1	0.4	0.7%	
12.3%	54.7	55.1	0.4	0.7%	
13.6%	54.5	55.1	0.6	1.1%	
14.8%	54.4	55.1	0.6	1.1%	
16.0%	54.3	54.8	0.6	1.0%	
17.3%	54.1	54.7	0.6	1.1%	
18.5%	54.1	54.7	0.6	1.1%	
19.8%	54.0	54.7	0.7	1.2%	
21.0%	54.0	54.7	0.7	1.3%	
22.2%	53.9	54.6	0.7	1.3%	
23.5%	53.9	54.6	0.7	1.2%	
24.7%	53.9	54.3	0.5	0.9%	
25.9%	53.8	54.2	0.5	0.9%	
27.2%	53.7	54.2	0.5	0.9%	
28.4%	53.7	54.2	0.5	0.9%	
29.6%	53.6	54.1	0.4	0.8%	
30.9%	53.6	54.0	0.4	0.8%	
32.1%	53.5	53.9	0.4	0.7%	
33.3%	53.4	53.9	0.5	0.9%	
34.5%	53.4	53.9	0.5	0.9%	
35.8%	53.4	53.8	0.5	0.9%	
37.0%	53.3	53.8	0.5	0.9%	
38.3%	53.3	53.8	0.5	0.9%	
39.5%	53.3	53.8	0.5	1.0%	
40.7%	53.2	53.7	0.5	1.0%	
42.0%	53.2	53.7	0.5	1.0%	
43.2%	53.2	53.6	0.5	0.9%	
44.4%	53.2	53.6	0.4	0.7%	
45.7%	53.1	53.5	0.4	0.7%	
46.9%	53.1	53.5	0.5	0.9%	
48.1%	53.0	53.4	0.4	0.7%	
49.4%	52.9	53.3	0.4	0.8%	
50.6%	52.9	53.3	0.4	0.8%	
51.9%	52.8	53.3	0.5	0.9%	
53.1%	52.8	53.2	0.5	0.9%	
54.3%	52.8	53.2	0.5	0.9%	
55.6%	52.7	53.2	0.5	0.9%	
56.8%	52.6	53.1	0.5	1.0%	
58.0%	52.6	53.1	0.5	1.0%	
59.3%	52.6	53.1	0.5	1.0%	
60.5%	52.6	53.0	0.5	0.9%	
61.7%	52.5	53.0	0.5	0.9%	
63.0%	52.5	52.9	0.4	0.8%	
64.2%	52.4	52.9	0.5	0.9%	
65.4%	52.4	52.8	0.4	0.8%	
66.7%	52.4	52.8	0.4	0.8%	
67.9%	52.2	52.8	0.6	1.1%	
69.1%	52.0	52.8	0.8	1.5%	
70.4%	52.0	52.7	0.7	1.4%	
71.6%	51.9	52.5	0.7	1.3%	
72.8%	51.8	52.5	0.7	1.3%	
74.1%	51.8	52.5	0.7	1.3%	
75.3%	51.7	52.5	0.8	1.6%	
76.5%	51.6	52.3	0.7	1.3%	
77.8%	51.6	52.3	0.6	1.2%	
79.0%	51.5	52.0	0.5	1.1%	
80.2%	51.5				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.9	59.1	-0.7	-1.2%	
1.2%	59.7	59.0	-0.7	-1.1%	
2.5%	59.4	58.2	-1.2	-2.0%	
3.7%	58.0	57.6	-0.4	-0.7%	
4.9%	57.9	57.5	-0.4	-0.7%	
6.2%	57.6	57.5	-0.1	-0.1%	
7.4%	57.5	57.4	0.0	-0.1%	
8.6%	57.3	57.4	0.1	0.1%	
9.9%	57.2	57.4	0.2	0.4%	
11.1%	57.0	57.2	0.1	0.3%	
12.3%	56.6	56.8	0.2	0.3%	
13.6%	56.6	56.8	0.2	0.4%	
14.8%	56.6	56.8	0.2	0.4%	
16.0%	56.5	56.4	-0.1	-0.2%	
17.3%	56.5	56.3	-0.2	-0.3%	
18.5%	56.3	56.2	-0.1	-0.1%	
19.8%	56.3	56.2	-0.1	-0.1%	
21.0%	56.2	56.1	-0.1	-0.2%	
22.2%	56.2	56.1	-0.1	-0.2%	
23.5%	56.1	56.1	-0.1	-0.1%	
24.7%	56.1	56.0	-0.1	-0.2%	
25.0%	56.0	56.0	0.0	0.0%	
27.2%	56.0	55.8	-0.2	-0.3%	
28.4%	55.9	55.8	-0.1	-0.2%	
29.6%	55.8	55.7	0.0	-0.1%	
30.9%	55.8	55.7	0.0	-0.1%	
32.1%	55.8	55.7	0.0	-0.1%	
33.3%	55.7	55.7	0.0	0.0%	
34.5%	55.7	55.7	0.0	0.0%	
35.8%	55.7	55.7	0.0	0.0%	
37.0%	55.7	55.7	0.0	0.0%	
38.3%	55.7	55.6	0.0	0.0%	
39.5%	55.6	55.6	0.0	-0.1%	
40.7%	55.6	55.5	0.0	0.0%	
42.0%	55.5	55.5	0.0	0.0%	
43.2%	55.5	55.5	0.0	0.0%	
44.4%	55.4	55.5	0.1	0.1%	
45.7%	55.4	55.5	0.1	0.1%	
46.9%	55.4	55.5	0.1	0.1%	
48.1%	55.4	55.5	0.1	0.1%	
49.4%	55.3	55.4	0.1	0.2%	
50.6%	55.3	55.3	0.0	0.0%	
51.9%	55.3	55.3	0.0	0.1%	
53.1%	55.3	55.3	0.0	0.1%	
54.3%	55.2	55.3	0.1	0.1%	
55.6%	55.2	55.3	0.1	0.1%	
56.8%	55.2	55.3	0.1	0.1%	
58.0%	55.2	55.2	0.0	0.0%	
59.3%	55.1	55.2	0.1	0.2%	
60.5%	55.1	55.2	0.1	0.2%	
61.7%	55.1	55.1	0.0	0.1%	
63.0%	55.0	55.1	0.1	0.1%	
64.2%	55.0	55.1	0.1	0.2%	
65.4%	54.9	55.1	0.2	0.4%	
66.7%	54.8	55.0	0.2	0.3%	
67.9%	54.8	54.9	0.1	0.1%	
69.1%	54.8	54.9	0.0	0.1%	
70.4%	54.8	54.9	0.1	0.1%	
71.6%	54.7	54.9	0.2	0.3%	
72.8%	54.7	54.8	0.1	0.3%	
74.1%	54.6	54.8	0.2	0.3%	
75.3%	54.6	54.8	0.2	0.3%	
76.5%	54.6	54.7	0.2	0.3%	
77.8%	54.5	54.7	0.2	0.3%	
79.0%	54.5	54.7	0.2	0.3%	
80.2%	54.5	54.6	0.1	0.3%	
81.5%	54.4	54.5	0.1	0.2%	
82.7%	54.4	54.5	0.1	0.1%	
84.0%	54.4	54.5	0.1	0.1%	
85.2%	54.3	54.5	0.1	0.3%	
86.4%	54.3	54.5	0.2	0.3%	
87.7%	54.4	54.4	0.0	0.0%	
88.9%	54.2	54.3	0.1	0.3%	
90.1%	54.1	54.3	0.1	0.2%	
91.4%	53.9	54.2	0.3	0.6%	
92.6%	53.9	54.1	0.2	0.4%	
93.8%	53.6	54.0	0.4	0.8%	
95.1%	53.6	54.0	0.4	0.8%	
96.3%	53.3	53.9	0.6	1.3%	
97.5%	53.5	53.6	0.1	0.1%	
98.8%	53.3	53.6	0.3	0.5%	
100.0%	53.1	53.1	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	62.5	61.7	-0.8	-1.3%	
1.2%	60.7	60.5	-0.1	-0.2%	
2.5%	60.2	60.2	0.0	-0.3%	
3.7%	60.0	59.8	-0.2	-0.3%	
4.9%	59.8	59.1	-0.7	-1.2%	
6.2%	59.8	59.0	-0.9	-1.4%	
7.4%	59.5	58.9	-0.7	-1.1%	
8.6%	59.5	58.6	-0.9	-1.5%	
9.9%	59.5	58.5	-1.0	-1.7%	
11.1%	58.4	58.1	-0.3	-0.5%	
12.3%	58.2	57.8	-0.4	-0.6%	
13.6%	58.1	57.6	-0.5	-0.9%	
14.8%	57.9	57.6	-0.3	-0.6%	
16.0%	57.5	57.4	0.0	-0.1%	
17.3%	57.4	57.4	0.0	0.0%	
18.5%	57.4	57.1	-0.3	-0.5%	
19.8%	57.3	57.0	-0.3	-0.5%	
21.0%	57.1	56.9	-0.1	-0.3%	
22.2%	56.9	56.9	0.0	-0.1%	
23.5%	56.9	56.9	0.0	0.0%	
24.7%	56.7	56.8	0.1	0.2%	
25.0%	56.7	56.7	0.0	0.1%	
27.2%	56.7	56.7	0.0	0.1%	
28.4%	56.6	56.7	0.1	0.1%	
29.6%	56.6	56.7	0.0	0.1%	
30.9%	56.6	56.5	-0.1	-0.2%	
32.1%	56.6	56.5	-0.1	-0.2%	
33.3%	56.6	56.5	-0.1	-0.2%	
34.5%	56.6	56.5	-0.1	-0.1%	
35.8%	56.4	56.3	-0.1	-0.3%	
37.0%	56.4	56.3	-0.2	-0.3%	
38.3%	56.4	56.2	-0.1	-0.2%	
39.5%	56.2	56.2	-0.1	-0.1%	
40.7%	56.2	56.2	0.0	-0.1%	
42.0%	56.2	56.2	-0.1	-0.1%	
43.2%	56.2	56.1	-0.1	-0.1%	
44.4%	56.0	56.1	0.1	0.2%	
45.7%	56.0	56.0	-0.1	-0.1%	
46.9%	56.0	55.9	-0.1	-0.1%	
48.1%	55.9	55.9	0.0	0.0%	
49.4%	55.8	55.8	0.0	0.0%	
50.6%	55.7	55.8	0.0	0.0%	
51.9%	55.6	55.7	0.2	0.3%	
53.1%	55.5	55.7	0.2	0.4%	
54.3%	55.4	55.6	0.2	0.4%	
55.6%	55.4	55.6	0.2	0.3%	
56.8%	55.4	55.5	0.1	0.2%	
58.0%	55.4	55.5	0.1	0.2%	
59.3%	55.3	55.5	0.2	0.3%	
60.5%	55.3	55.5	0.2	0.3%	
61.7%	55.3	55.4	0.1	0.2%	
63.0%	55.3	55.4	0.1	0.2%	
64.2%	55.2	55.3	0.1	0.2%	
65.4%	55.2	55.3	0.2	0.3%	
66.7%	55.2	55.3	0.1	0.2%	
67.9%	55.2	55.2	0.1	0.1%	
69.1%	55.1	55.2	0.1	0.1%	
70.4%	55.1	55.2	0.1	0.2%	
71.6%	55.1	55.2	0.1	0.2%	
72.8%	55.1	55.2	0.1	0.2%	
74.1%	55.0	55.2	0.1	0.2%	
75.3%	55.0	55.1	0.2	0.3%	
76.5%	54.9	55.1	0.2	0.3%	
77.8%	54.9	55.1	0.2	0.4%	
79.0%	54.9	55.1	0.2	0.3%	
80.2%	54.9	55.0	0.1	0.2%	
81.5%	54.8	55.0	0.1	0.3%	
82.7%	54.8	54.9	0.1	0.2%	
84.0%	54.8	54.7	0.0	-0.1%	
85.2%	54.7	54.6	-0.1	-0.2%	
86.4%	54.7	54.6	0.0	-0.1%	
87.7%	54.6	54.6	0.0	0.0%	
88.9%	54.6	54.6	0.0	0.0%	
90.1%	54.5	54.6	0.0	0.1%	
91.4%	54.5	54.5	0.0	0.0%	
92.6%	54.5	54.3	-0.2	-0.3%	
93.8%	54.5	54.1	-0.3	-0.6%	
95.1%	54.1	54.1	0.0	0.0%	
96.3%	54.0	54.6	0.6	1.1%	
97.5%	54.0	53.8	-0.1	-0.3%	
98.8%	53.9	53.8	-0.1	-0.2%	
100.0%	53.8	53.5	-0.3	-0.6%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.8	65.7	-1.2	-1.8%	
1.2%	66.3	61.8	-4.5	-6.8%	
2.5%	65.3	61.5	-3.9	-5.9%	
3.7%	64.1	59.7	-4.4	-6.8%	
4.9%	61.5	59.0	-2.5	-4.0%	
6.2%	60.6	59.0	-1.7	-2.7%	
7.4%	60.5	58.7	-1.8	-3.0%	
8.6%	59.4	58.5	-0.9	-1.5%	
9.9%	58.9	58.2	-0.7	-1.2%	
11.1%	58.9	58.2	-0.7	-1.2%	
12.3%	58.7	58.2	-0.6	-0.9%	
13.6%	58.7	58.1	-0.6	-1.0%	
14.8%	58.3	58.1	-0.1	-0.3%	
16.0%	58.2	58.0	-0.1	-0.2%	
17.3%	58.0	57.8	-0.2	-0.4%	
18.5%	57.7	57.8	0.0	0.1%	
19.8%	57.7	57.7	0.0	0.0%	
21.0%	57.7	57.7	0.0	0.0%	
22.2%	57.7	57.5	-0.1	-0.2%	
23.5%	57.6	57.5	0.0	-0.1%	
24.7%	57.5	57.3	-0.2	-0.4%	
25.0%	57.4	57.3	-0.1	-0.2%	
27.2%	57.4	57.1	-0.3	-0.6%	
28.4%	57.4	57.0	-0.4	-0.6%	
29.6%	57.3	57.0	-0.4	-0.6%	
30.9%	57.2	57.0	-0.2	-0.4%	
32.1%	57.2	57.0	-0.2	-0.4%	
33.3%	57.2	56.9	-0.3	-0.5%	
34.5%	57.2	56.9	-0.3	-0.5%	
35.8%	57.0	56.9	-0.2	-0.3%	
37.0%	57.0	56.8	-0.2	-0.4%	
38.3%	56.9	56.8	-0.2	-0.3%	
39.5%	56.9	56.8	-0.2	-0.3%	
40.7%	56.8	56.8	-0.1	-0.3%	
42.0%	56.9	56.7	-0.1	-0.2%	
43.2%	56.9	56.7	-0.1	-0.2%	
44.4%	56.8	56.7	-0.1	-0.2%	
45.7%	56.7	56.6	-0.1	-0.2%	
46.9%	56.7	56.6	-0.1	-0.2%	
48.1%	56.6	56.6	0.0	0.0%	
49.4%	56.5	56.5	0.0	0.0%	
50.6%	56.5	56.5	0.0	0.0%	
51.9%	56.5	56.5	0.0	0.0%	
53.1%	56.5	56.5	0.0	0.0%	
54.3%	56.5	56.5	0.0	0.0%	
55.6%	56.5	56.5	0.0	0.0%	
56.8%	56.4	56.4	0.0	0.0%	
58.0%	56.4	56.4	0.0	0.0%	
59.3%	56.3	56.4	0.0	0.1%	
60.5%	56.3	56.3	0.0	0.0%	
61.7%	56.2	56.3	0.1	0.1%	
63.0%	56.2	56.2	0.0	0.1%	
64.2%	56.2	56.2	0.0	0.0%	
65.4%	56.2	56.2	0.0	0.0%	
66.7%	56.2	56.1	0.0	0.0%	
67.9%	56.2	56.1	0.0	0.0%	
69.1%	56.2	56.1	-0.1	-0.1%	
70.4%	56.2	56.1	-0.1	-0.2%	
71.6%	56.1	56.0	-0.1	-0.2%	
72.8%	56.1	56.0	-0.1	-0.2%	
74.1%	56.1	56.0	-0.1	-0.1%	
75.3%	56.1	56.0	-0.1	-0.2%	
76.5%	56.1	55.9	-0.1	-0.2%	
77.8%	56.0	55.9	-0.1	-0.2%	
79.0%	56.0	55.9	-0.1	-0.1%	
80.2%	5				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative C	55.0	50.8	46.3	44.7	46.3	49.7	53.8	56.5	57.1	57.9	58.5	58.6
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.3	-0.3
Percent Difference ³	-0.7%	-0.3%	0.5%	0.5%	0.1%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.5%	-0.6%
Water Year Types²												
Wet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative C	54.6	51.3	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.6
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.3%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative C	54.2	50.7	46.9	45.0	46.3	49.9	54.0	56.8	56.6	56.8	58.4	58.1
Difference	-0.3	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.1
Percent Difference	-0.6%	-0.1%	0.8%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.2%	0.2%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative C	53.9	50.3	46.5	44.5	45.9	49.6	54.5	56.7	56.8	57.1	58.0	58.5
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.1	-0.4
Percent Difference	-0.6%	-0.2%	0.2%	0.4%	0.0%	0.0%	1.1%	0.4%	0.2%	-0.2%	0.2%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative C	55.2	50.7	46.0	44.7	46.4	50.4	54.7	56.4	57.3	57.5	58.2	59.4
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.1	-0.4	-0.6
Percent Difference	-0.9%	-0.6%	0.0%	0.8%	0.0%	0.1%	1.3%	0.6%	0.4%	0.1%	-0.7%	-1.0%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative C	57.9	50.4	45.4	44.5	47.1	50.8	54.5	57.5	58.4	59.8	60.1	62.1
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.9	0.6	0.0	-0.6	-1.9	-1.0
Percent Difference	-1.2%	-0.6%	0.5%	0.4%	0.2%	0.2%	1.7%	1.1%	0.0%	-1.0%	-3.0%	-1.5%

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

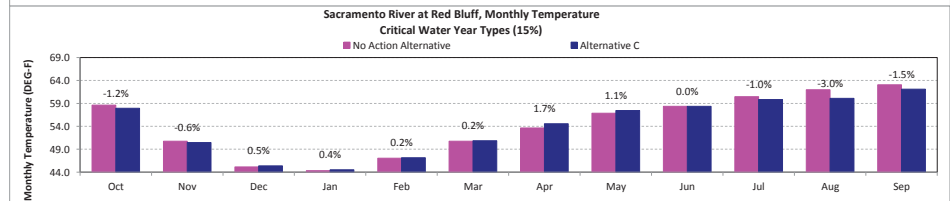
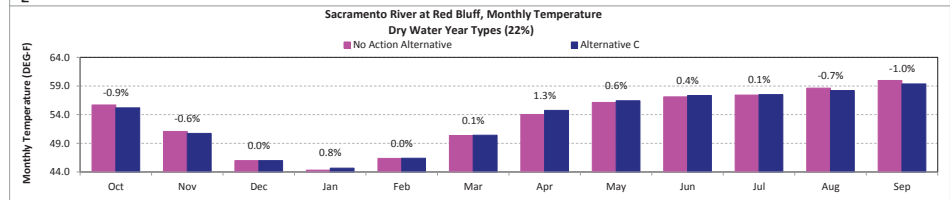
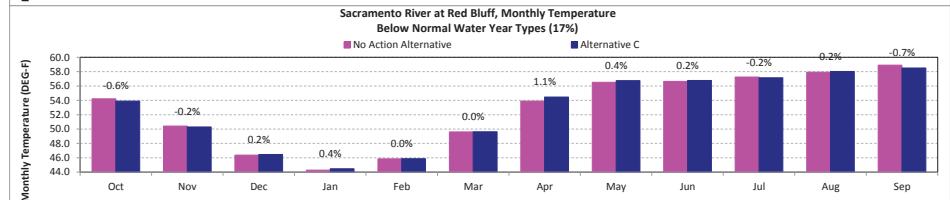
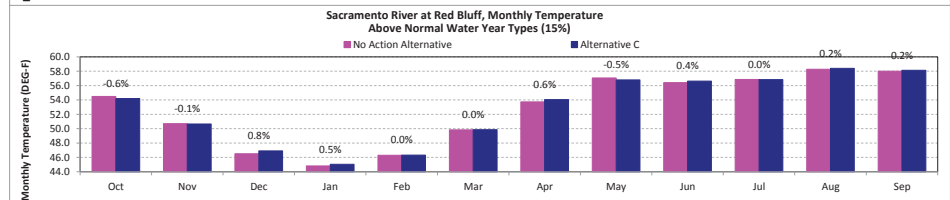
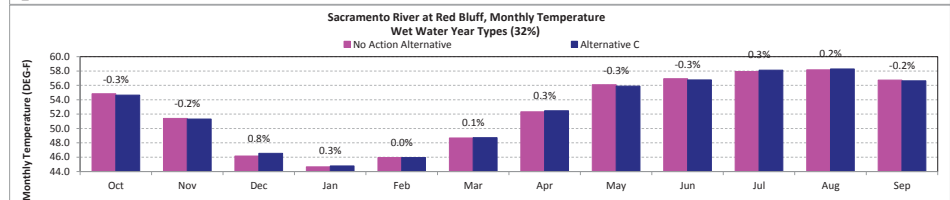
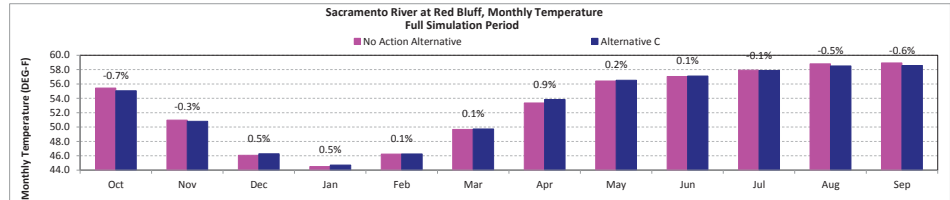


Figure SQ-06-7b
 Sacramento River at Red Bluff, Monthly Temperature
 Probability of Exceedance

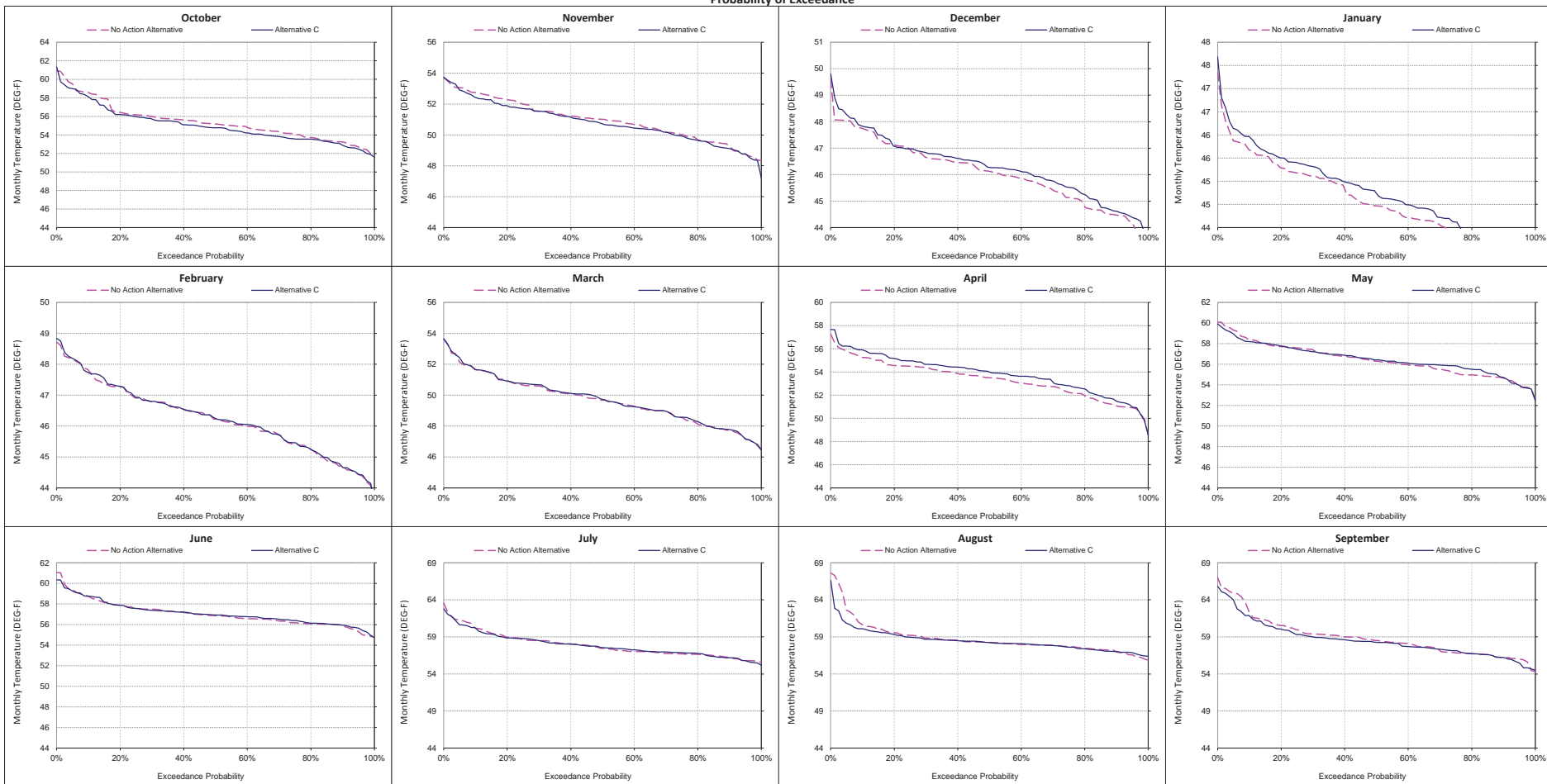


Table SQ-06-7b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.9	61.3	0.4	0.7%	
1.2%	60.9	59.7	-1.1	-1.9%	
2.5%	60.3	59.7	-0.9	-1.5%	
3.7%	59.7	59.1	-0.6	-1.1%	
4.9%	59.5	59.0	-0.5	-0.9%	
6.2%	58.8	58.9	0.1	0.2%	
7.4%	58.7	58.5	-0.3	-0.5%	
8.6%	58.6	58.4	-0.2	-0.4%	
9.9%	58.6	58.2	-0.4	-0.7%	
11.1%	58.4	57.8	-0.6	-1.0%	
12.3%	58.4	57.8	-0.6	-1.0%	
13.6%	58.0	57.2	-0.8	-1.4%	
14.8%	57.9	57.2	-0.7	-1.2%	
16.0%	57.9	56.7	-1.2	-2.0%	
17.3%	56.7	56.6	-0.2	-0.3%	
18.5%	56.4	56.2	-0.2	-0.4%	
19.8%	56.4	56.2	-0.2	-0.4%	
21.0%	56.4	56.2	-0.2	-0.4%	
22.2%	56.3	56.1	-0.1	-0.2%	
23.5%	56.2	56.1	-0.1	-0.2%	
24.7%	56.2	56.0	-0.2	-0.3%	
25.9%	56.1	55.9	-0.2	-0.4%	
27.2%	56.1	55.9	-0.2	-0.4%	
28.4%	56.1	55.8	-0.3	-0.5%	
29.6%	56.0	55.8	-0.2	-0.4%	
30.9%	55.9	55.6	-0.3	-0.5%	
32.1%	55.9	55.5	-0.3	-0.6%	
33.3%	55.8	55.5	-0.3	-0.5%	
34.5%	55.8	55.5	-0.2	-0.4%	
35.8%	55.7	55.5	-0.2	-0.4%	
37.0%	55.7	55.5	-0.2	-0.4%	
38.3%	55.7	55.4	-0.3	-0.5%	
39.5%	55.6	55.1	-0.5	-0.9%	
40.7%	55.6	55.1	-0.5	-0.9%	
42.0%	55.6	55.1	-0.5	-0.9%	
43.2%	55.5	55.1	-0.5	-0.9%	
44.4%	55.4	55.0	-0.4	-0.8%	
45.7%	55.3	54.9	-0.4	-0.7%	
46.9%	55.2	54.8	-0.4	-0.8%	
48.1%	55.2	54.8	-0.4	-0.7%	
49.4%	55.2	54.8	-0.4	-0.8%	
50.6%	55.2	54.8	-0.4	-0.7%	
51.9%	55.1	54.8	-0.4	-0.7%	
53.1%	55.0	54.7	-0.3	-0.6%	
54.3%	55.0	54.5	-0.5	-0.9%	
55.6%	55.0	54.5	-0.5	-1.0%	
56.8%	54.9	54.4	-0.5	-0.9%	
58.0%	54.9	54.4	-0.6	-1.0%	
59.3%	54.9	54.2	-0.7	-1.3%	
60.5%	54.7	54.2	-0.5	-1.0%	
61.7%	54.7	54.1	-0.6	-1.0%	
63.0%	54.6	54.1	-0.5	-0.9%	
64.2%	54.5	54.1	-0.5	-0.8%	
65.4%	54.5	54.0	-0.5	-1.0%	
66.7%	54.5	53.9	-0.5	-1.0%	
67.9%	54.4	53.9	-0.5	-0.9%	
69.1%	54.4	53.8	-0.5	-1.0%	
70.4%	54.3	53.8	-0.5	-1.0%	
71.6%	54.2	53.7	-0.4	-0.8%	
72.8%	54.2	53.6	-0.5	-1.0%	
74.1%	54.2	53.6	-0.5	-1.0%	
75.3%	54.0	53.6	-0.5	-0.9%	
76.5%	54.0	53.6	-0.5	-0.9%	
77.8%	53.8	53.5	-0.3	-0.5%	
79.0%	53.7	53.5	-0.2	-0.4%	
80.2%	53.7	53.5	-0.2	-0.3%	
81.5%	53.6	53.5	-0.2	-0.3%	
82.7%	53.5	53.5	-0.1	-0.1%	
84.0%	53.4	53.3	-0.1	-0.2%	
85.2%	53.4	53.3	-0.1	-0.1%	
86.4%	53.3	53.2	-0.1	-0.3%	
87.7%	53.3	53.1	-0.2	-0.3%	
88.9%	53.2	53.1	-0.1	-0.3%	
90.1%	53.2	52.9	-0.4	-0.7%	
91.4%	53.1	52.7	-0.4	-0.8%	
92.6%	52.9	52.6	-0.3	-0.5%	
93.8%	52.9	52.6	-0.3	-0.5%	
95.1%	52.7	52.5	-0.2	-0.4%	
96.3%	52.5	52.3	-0.2	-0.4%	
97.5%	52.4	52.0	-0.4	-0.8%	
98.8%	52.0	51.9	-0.1	-0.2%	
100.0%	51.8	51.6	-0.2	-0.4%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.7	53.7	0.0	0.1%	
1.2%	53.5	53.6	0.1	0.1%	
2.5%	53.2	53.4	0.2	0.3%	
3.7%	53.1	53.3	0.2	0.4%	
4.9%	53.1	52.9	-0.1	-0.3%	
6.2%	53.0	52.8	-0.2	-0.4%	
7.4%	52.9	52.7	-0.2	-0.4%	
8.6%	52.8	52.6	-0.2	-0.3%	
9.9%	52.7	52.4	-0.3	-0.6%	
11.1%	52.7	52.4	-0.4	-0.7%	
12.3%	52.6	52.3	-0.3	-0.6%	
13.6%	52.6	52.3	-0.3	-0.6%	
14.8%	52.5	52.3	-0.2	-0.5%	
16.0%	52.4	52.1	-0.4	-0.7%	
17.3%	52.4	52.0	-0.4	-0.7%	
18.5%	52.3	51.9	-0.4	-0.8%	
19.8%	52.3	51.9	-0.4	-0.7%	
21.0%	52.2	51.8	-0.5	-0.9%	
22.2%	52.2	51.8	-0.4	-0.8%	
23.5%	52.1	51.7	-0.3	-0.6%	
24.7%	52.0	51.7	-0.3	-0.6%	
25.9%	52.0	51.7	-0.3	-0.6%	
27.2%	51.9	51.7	-0.3	-0.5%	
28.4%	51.5	51.6	0.0	0.0%	
29.6%	51.5	51.6	0.0	0.0%	
30.9%	51.5	51.5	0.0	0.0%	
32.1%	51.5	51.5	0.0	0.0%	
33.3%	51.5	51.4	-0.1	-0.2%	
34.5%	51.5	51.4	-0.1	-0.2%	
35.8%	51.3	51.3	-0.1	-0.1%	
37.0%	51.3	51.2	-0.1	-0.2%	
38.3%	51.2	51.2	0.0	-0.1%	
39.5%	51.2	51.2	0.0	-0.1%	
40.7%	51.2	51.1	-0.1	-0.3%	
42.0%	51.2	51.0	-0.1	-0.3%	
43.2%	51.1	51.0	-0.1	-0.2%	
44.4%	51.1	51.0	-0.1	-0.3%	
45.7%	51.1	50.9	-0.2	-0.4%	
46.9%	51.0	50.9	-0.2	-0.3%	
48.1%	51.0	50.8	-0.2	-0.4%	
49.4%	51.0	50.8	-0.3	-0.5%	
50.6%	51.0	50.7	-0.3	-0.6%	
51.9%	50.9	50.6	-0.3	-0.6%	
53.1%	50.9	50.6	-0.3	-0.6%	
54.3%	50.9	50.6	-0.3	-0.6%	
55.6%	50.9	50.5	-0.3	-0.7%	
56.8%	50.8	50.5	-0.2	-0.5%	
58.0%	50.7	50.5	-0.2	-0.4%	
59.3%	50.7	50.5	-0.2	-0.5%	
60.5%	50.7	50.4	-0.2	-0.5%	
61.7%	50.6	50.4	-0.2	-0.5%	
63.0%	50.5	50.4	-0.1	-0.2%	
64.2%	50.4	50.4	-0.1	-0.2%	
65.4%	50.4	50.4	-0.1	-0.2%	
66.7%	50.4	50.3	-0.1	-0.2%	
67.9%	50.3	50.3	0.0	0.0%	
69.1%	50.2	50.2	0.0	-0.1%	
70.4%	50.2	50.2	0.0	0.0%	
71.6%	50.2	50.1	-0.1	-0.2%	
72.8%	50.1	50.0	-0.1	-0.3%	
74.1%	50.1	50.0	-0.1	-0.2%	
75.3%	50.0	49.9	-0.1	-0.2%	
76.5%	49.9	49.8	-0.1	-0.2%	
77.8%	49.9	49.7	-0.2	-0.4%	
79.0%	49.8	49.7	-0.2	-0.3%	
80.2%	49.7	49.6	0.0	-0.1%	
81.5%	49.6	49.6	0.0	0.0%	
82.7%	49.5	49.6	0.0	0.1%	
84.0%	49.5	49.4	-0.1	-0.2%	
85.2%	49.5	49.3	-0.3	-0.5%	
86.4%	49.5	49.2	-0.3	-0.5%	
87.7%	49.4	49.2	-0.3	-0.5%	
88.9%	49.4	49.1	-0.3	-0.6%	
90.1%	49.2	49.1	-0.1	-0.3%	
91.4%	49.0	49.0	0.1	0.1%	
92.6%	48.9	49.0	0.0	0.0%	
93.8%	48.8	48.8	0.0	0.0%	
95.1%	48.7	48.8	0.1	0.1%	
96.3%	48.4	48.2	-0.3	-0.5%	
97.5%	48.6	48.4	-0.2	-0.4%	
98.8%	48.4	48.3	0.0	-0.1%	
100.0%	48.3	47.2	-1.1	-2.3%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	49.6	49.8	0.2	0.4%	
1.2%	48.1	48.9	0.8	1.8%	
2.5%	48.1	48.5	0.4	0.8%	
3.7%	48.1	48.5	0.4	0.8%	
4.9%	48.0	48.3	0.2	0.5%	
6.2%	48.0	48.1	0.1	0.2%	
7.4%	47.8	48.1	0.3	0.6%	
8.6%	47.8	47.9	0.1	0.2%	
9.9%	47.8	47.8	0.1	0.2%	
11.1%	47.7	47.8	0.1	0.2%	
12.3%	47.6	47.8	0.1	0.3%	
13.6%	47.6	47.8	0.2	0.3%	
14.8%	47.3	47.5	0.2	0.3%	
16.0%	47.3	47.5	0.2	0.4%	
17.3%	47.2	47.4	0.2	0.4%	
18.5%	47.2	47.3	0.2	0.3%	
19.8%	47.1	47.1	0.0	-0.1%	
21.0%	47.1	47.0	-0.1	-0.1%	
22.2%	47.1	47.0	-0.1	-0.1%	
23.5%	47.1	47.0	-0.1	-0.2%	
24.7%	47.0	47.0	0.0	0.0%	
25.9%	46.9	47.0	0.1	0.2%	
27.2%	46.8	46.9	0.1	0.2%	
28.4%	46.8	46.9	0.1	0.1%	
29.6%	46.7	46.8	0.2	0.4%	
30.9%	46.6	46.8	0.2	0.4%	
32.1%	46.6	46.8	0.2	0.4%	
33.3%	46.6	46.8	0.2	0.4%	
34.5%	46.6	46.8	0.2	0.4%	
35.8%	46.6	46.7	0.1	0.2%	
37.0%	46.5	46.7	0.1	0.3%	
38.3%	46.5	46.7	0.2	0.4%	
39.5%	46.5	46.6	0.2	0.4%	
40.7%	46.5	46.6	0.1	0.3%	
42.0%	46.5	46.7	0.1	0.2%	
43.2%	46.4	46.5	0.1	0.2%	
44.4%	46.4	46.5	0.1	0.3%	
45.7%	46.3	46.5	0.2	0.5%	
46.9%	46.2	46.5	0.3	0.7%	
48.1%	46.1	46.4	0.3	0.6%	
49.4%	46.1	46.3	0.1	0.3%	
50.6%	46.1	46.3	0.2	0.3%	
51.9%	46.1	46.3	0.2	0.5%	
53.1%	46.0	46.3	0.3	0.5%	
54.3%	46.0	46.2	0.3	0.6%	
55.6%	46.0	46.2	0.3	0.6%	
56.8%	45.9	46.2	0.2	0.5%	
58.0%	45.9	46.2	0.3	0.6%	
59.3%	45.9	46.1	0.3	0.6%	
60.5%	45.9	46.1	0.2	0.5%	
61.7%	45.8	46.1	0.3	0.7%	
63.0%	45.8	46.0	0.3	0.6%	
64.2%	45.8	45.9	0.2	0.4%	
65.4%	45.7	45.9	0.3	0.6%	
66.7%	45.6	45.9	0.3	0.6%	
67.9%	45.5	45.8	0.3	0.6%	
69.1%	45.5	45.8	0.3	0.7%	
70.4%	45.4	45.7	0.4	0.8%	
71.6%	45.3	45.7	0.3	0.7%	
72.8%	45.3	45.6	0.3	0.7%	
74.1%	45.1	45.5	0.4	0.9%	
75.3%	45.1	45.5	0.4	0.8%	
76.5%	45.1	45.5	0.4	0.9%	
77.8%	45.1	45.4	0.3	0.7%	
79.0%	45.0	45.3	0.3	0.6%	
80.2%	44.				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.7	48.8	0.1	0.2%	
1.2%	48.6	48.8	0.1	0.3%	
2.5%	48.3	48.4	0.1	0.2%	
3.7%	48.2	48.3	0.0	0.1%	
4.9%	48.2	48.2	0.0	0.0%	
6.2%	48.1	48.1	0.0	0.1%	
7.4%	48.0	48.0	0.0	0.0%	
8.6%	47.9	47.8	-0.1	-0.2%	
9.9%	47.8	47.7	-0.1	-0.2%	
11.1%	47.6	47.7	0.0	0.1%	
12.3%	47.5	47.7	0.2	0.4%	
13.6%	47.5	47.6	0.2	0.4%	
14.8%	47.4	47.6	0.2	0.4%	
16.0%	47.3	47.4	0.0	0.1%	
17.3%	47.3	47.3	0.1	0.1%	
18.5%	47.3	47.3	0.0	0.1%	
19.8%	47.3	47.3	0.0	0.0%	
21.0%	47.3	47.3	0.0	0.0%	
22.2%	47.1	47.1	0.0	0.1%	
23.5%	47.0	47.1	0.1	0.1%	
24.7%	46.9	46.9	0.0	0.0%	
25.9%	46.9	46.9	0.0	0.0%	
27.2%	46.9	46.8	-0.1	-0.1%	
28.4%	46.8	46.8	0.0	0.0%	
29.6%	46.8	46.8	0.0	0.0%	
30.9%	46.8	46.8	0.0	0.0%	
32.1%	46.8	46.8	0.0	0.0%	
33.3%	46.8	46.7	0.0	-0.1%	
34.5%	46.7	46.7	0.0	-0.1%	
35.8%	46.7	46.6	0.0	-0.1%	
37.0%	46.6	46.6	0.0	0.0%	
38.3%	46.6	46.6	0.0	0.1%	
39.5%	46.6	46.6	0.0	0.0%	
40.7%	46.5	46.5	0.0	0.0%	
42.0%	46.5	46.5	0.0	0.1%	
43.2%	46.5	46.5	0.0	0.0%	
44.4%	46.4	46.4	0.0	0.0%	
45.7%	46.4	46.4	-0.1	-0.1%	
46.9%	46.4	46.4	0.0	0.0%	
48.1%	46.4	46.4	0.0	0.0%	
49.4%	46.2	46.3	0.1	0.1%	
50.6%	46.2	46.2	0.0	0.0%	
51.9%	46.2	46.2	0.0	0.1%	
53.1%	46.1	46.2	0.1	0.1%	
54.3%	46.1	46.2	0.1	0.1%	
55.6%	46.1	46.1	0.1	0.2%	
56.8%	46.0	46.1	0.0	0.1%	
58.0%	46.0	46.1	0.0	0.1%	
59.3%	46.0	46.1	0.1	0.1%	
60.5%	46.0	46.0	0.1	0.1%	
61.7%	46.0	46.0	0.0	0.1%	
63.0%	45.9	46.0	0.0	0.1%	
64.2%	45.8	46.0	0.1	0.3%	
65.4%	45.8	45.9	0.0	0.1%	
66.7%	45.8	45.8	0.0	0.0%	
67.9%	45.8	45.7	-0.1	-0.2%	
69.1%	45.8	45.7	0.0	-0.1%	
70.4%	45.7	45.7	0.0	0.0%	
71.6%	45.5	45.6	0.0	0.0%	
72.8%	45.5	45.5	0.0	0.0%	
74.1%	45.4	45.5	0.0	0.1%	
75.3%	45.4	45.5	0.0	0.1%	
76.5%	45.4	45.3	0.0	-0.1%	
77.8%	45.4	45.3	0.0	-0.1%	
79.0%	45.3	45.3	0.0	0.0%	
80.2%	45.2	45.2	0.0	0.0%	
81.5%	45.1	45.2	0.0	0.1%	
82.7%	45.0	45.1	0.1	0.2%	
84.0%	45.0	45.0	0.0	0.0%	
85.2%	44.9	45.0	0.1	0.3%	
86.4%	44.8	44.9	0.0	0.1%	
87.7%	44.8	44.8	0.0	0.1%	
88.9%	44.7	44.8	0.1	0.2%	
90.1%	44.7	44.6	0.0	-0.1%	
91.4%	44.6	44.6	0.1	0.2%	
92.6%	44.6	44.6	0.0	0.0%	
93.8%	44.5	44.5	0.0	0.1%	
95.1%	44.4	44.4	0.0	0.0%	
96.3%	44.4	44.4	0.0	0.1%	
97.5%	44.2	44.2	0.0	0.1%	
98.8%	44.1	44.1	0.1	0.1%	
100.0%	43.6	43.6	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.6	53.6	0.0	0.0%	
1.2%	53.3	53.3	0.0	-0.1%	
2.5%	52.7	52.8	0.1	0.2%	
3.7%	52.7	52.7	-0.1	-0.1%	
4.9%	52.1	52.4	0.3	0.6%	
6.2%	52.0	52.0	0.1	0.1%	
7.4%	51.9	52.0	0.0	0.1%	
8.6%	51.9	51.9	0.0	0.0%	
9.9%	51.7	51.7	0.0	0.0%	
11.1%	51.6	51.6	0.0	0.1%	
12.3%	51.6	51.6	0.0	0.0%	
13.6%	51.5	51.5	0.0	0.0%	
14.8%	51.4	51.5	0.0	0.1%	
16.0%	51.3	51.4	0.0	0.1%	
17.3%	51.0	51.0	0.0	-0.1%	
18.5%	51.0	51.0	0.0	-0.1%	
19.8%	51.0	50.9	-0.1	-0.1%	
21.0%	50.9	50.9	0.0	0.1%	
22.2%	50.8	50.8	0.0	0.1%	
23.5%	50.8	50.8	0.0	0.1%	
24.7%	50.7	50.8	0.1	0.2%	
25.9%	50.6	50.8	0.1	0.3%	
27.2%	50.6	50.7	0.1	0.2%	
28.4%	50.6	50.7	0.1	0.2%	
29.6%	50.6	50.7	0.1	0.1%	
30.9%	50.6	50.7	0.1	0.2%	
32.1%	50.4	50.5	0.1	0.3%	
33.3%	50.3	50.3	0.1	0.2%	
34.5%	50.2	50.3	0.1	0.1%	
35.8%	50.2	50.3	0.1	0.1%	
37.0%	50.1	50.2	0.1	0.1%	
38.3%	50.1	50.2	0.0	0.1%	
39.5%	50.1	50.1	0.0	0.1%	
40.7%	50.1	50.1	0.0	0.0%	
42.0%	50.0	50.1	0.1	0.2%	
43.2%	50.0	50.1	0.1	0.2%	
44.4%	49.9	50.1	0.2	0.4%	
45.7%	49.8	50.0	0.2	0.5%	
46.9%	49.8	50.0	0.2	0.4%	
48.1%	49.8	49.9	0.1	0.3%	
49.4%	49.7	49.8	0.1	0.1%	
50.6%	49.7	49.7	0.0	0.0%	
51.9%	49.6	49.6	0.0	-0.1%	
53.1%	49.6	49.6	0.0	0.0%	
54.3%	49.5	49.5	0.0	0.0%	
55.6%	49.4	49.4	0.0	0.0%	
56.8%	49.4	49.3	-0.1	-0.2%	
58.0%	49.4	49.3	-0.1	-0.1%	
59.3%	49.3	49.3	0.0	-0.1%	
60.5%	49.2	49.2	0.0	0.0%	
61.7%	49.1	49.2	0.1	0.2%	
63.0%	49.1	49.2	0.0	0.1%	
64.2%	49.0	49.1	0.1	0.1%	
65.4%	49.0	49.1	0.0	0.0%	
66.7%	49.0	49.0	0.0	0.0%	
67.9%	49.0	49.0	0.0	0.0%	
69.1%	49.0	49.0	0.0	0.0%	
70.4%	48.9	48.9	0.0	0.1%	
71.6%	48.8	48.8	-0.1	-0.1%	
72.8%	48.6	48.6	0.0	0.0%	
74.1%	48.6	48.6	0.0	0.0%	
75.3%	48.5	48.6	0.0	0.1%	
76.5%	48.4	48.6	0.2	0.4%	
77.8%	48.3	48.4	0.1	0.2%	
79.0%	48.3	48.3	0.1	0.2%	
80.2%	48.1	48.3	0.2	0.4%	
81.5%	48.1	48.1	0.1	0.2%	
82.7%	48.0	48.0	0.0	0.0%	
84.0%	48.0	48.0	0.0	0.0%	
85.2%	47.9	47.9	0.0	-0.1%	
86.4%	47.8	47.9	0.0	0.1%	
87.7%	47.8	47.8	0.0	0.0%	
88.9%	47.7	47.8	0.0	0.1%	
90.1%	47.7	47.8	0.0	0.1%	
91.4%	47.6	47.7	0.1	0.2%	
92.6%	47.6	47.6	0.1	0.2%	
93.8%	47.4	47.4	0.0	0.0%	
95.1%	47.2	47.2	0.0	0.0%	
96.3%	47.1	47.1	0.0	0.1%	
97.5%	46.9	46.9	0.0	0.0%	
98.8%	46.7	46.8	0.1	0.2%	
100.0%	46.4	46.4	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	57.3	57.7	0.4	0.7%	
1.2%	56.5	57.6	1.1	2.0%	
2.5%	56.1	56.5	0.3	0.6%	
3.7%	56.0	56.2	0.3	0.5%	
4.9%	55.8	56.2	0.4	0.7%	
6.2%	55.7	56.2	0.6	1.0%	
7.4%	55.5	56.0	0.5	0.9%	
8.6%	55.4	55.9	0.5	0.9%	
9.9%	55.3	55.9	0.7	1.2%	
11.1%	55.2	55.8	0.6	1.0%	
12.3%	55.2	55.6	0.4	0.8%	
13.6%	55.0	55.6	0.6	1.1%	
14.8%	55.0	55.6	0.6	1.1%	
16.0%	55.0	55.6	0.6	1.1%	
17.3%	54.6	55.5	0.8	1.5%	
18.5%	54.6	55.2	0.6	1.1%	
19.8%	54.6	55.2	0.6	1.2%	
21.0%	54.5	55.1	0.6	1.1%	
22.2%	54.5	55.0	0.5	0.8%	
23.5%	54.5	55.0	0.5	0.8%	
24.7%	54.5	55.0	0.5	0.8%	
25.9%	54.5	55.0	0.5	0.8%	
27.2%	54.5	54.9	0.4	0.7%	
28.4%	54.4	54.9	0.4	0.8%	
29.6%	54.4	54.7	0.3	0.5%	
30.9%	54.3	54.7	0.3	0.6%	
32.1%	54.2	54.6	0.4	0.8%	
33.3%	54.2	54.6	0.4	0.8%	
34.5%	54.1	54.6	0.5	0.9%	
35.8%	54.0	54.5	0.5	0.9%	
37.0%	54.0	54.5	0.4	0.8%	
38.3%	54.0	54.4	0.5	0.9%	
39.5%	53.9	54.4	0.5	1.0%	
40.7%	53.8	54.4	0.6	1.1%	
42.0%	53.8	54.4	0.6	1.1%	
43.2%	53.7	54.3	0.5	1.0%	
44.4%	53.7	54.3	0.6	1.1%	
45.7%	53.7	54.2	0.5	1.0%	
46.9%	53.6	54.1	0.5	0.9%	
48.1%	53.6	54.1	0.5	1.0%	
49.4%	53.5	54.1	0.6	1.1%	
50.6%	53.5	53.9	0.4	0.8%	
51.9%	53.5	53.9	0.4	0.8%	
53.1%	53.4	53.9	0.5	0.9%	
54.3%	53.4	53.9	0.5	0.9%	
55.6%	53.3	53.8	0.5	1.0%	
56.8%	53.2	53.7	0.5	0.9%	
58.0%	53.1	53.7	0.6	1.1%	
59.3%	53.1	53.6	0.6	1.1%	
60.5%	53.0	53.6	0.6	1.1%	
61.7%	53.0	53.6	0.7	1.2%	
63.0%	53.0	53.6	0.6	1.2%	
64.2%	52.9	53.6	0.7	1.3%	
65.4%	52.8	53.5	0.6	1.2%	
66.7%	52.8	53.4	0.6	1.1%	
67.9%	52.8	53.4	0.6	1.1%	
69.1%	52.7	53.4	0.6	1.2%	
70.4%	52.7	53.0	0.3	0.6%	
71.6%	52.7	52.9	0.3	0.5%	
72.8%	52.5	52.9	0.4	0.8%	
74.1%	52.3	52.8	0.5	1.0%	
75.3%	52.2	52.8	0.6	1.1%	
76.5%	52.2	52.7	0.5	1.0%	
77.8%	52.1	52.7	0.5	1.0%	
79.0%	52.1	52.6	0.5	0.9%	
80.2%	51.				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.1	60.3	-0.7	-1.1%	
1.2%	61.0	60.3	-0.7	-1.2%	
2.5%	59.9	59.4	-0.4	-0.7%	
3.7%	59.5	59.5	0.0	0.1%	
4.9%	59.4	59.3	-0.1	-0.2%	
6.2%	59.1	59.1	-0.1	-0.1%	
7.4%	59.0	59.1	0.1	0.1%	
8.6%	58.9	58.8	-0.1	-0.2%	
9.9%	58.8	58.8	0.0	0.0%	
11.1%	58.5	58.7	0.2	0.3%	
12.3%	58.4	58.6	0.2	0.3%	
13.6%	58.3	58.6	0.3	0.6%	
14.8%	58.2	58.2	0.1	0.1%	
16.0%	58.2	58.1	-0.1	-0.2%	
17.3%	58.0	58.0	0.0	0.0%	
18.5%	57.9	57.9	0.0	0.0%	
19.8%	57.9	57.9	0.0	0.0%	
21.0%	57.9	57.9	0.0	0.0%	
22.2%	57.7	57.7	0.0	-0.1%	
23.5%	57.7	57.6	-0.1	-0.2%	
24.7%	57.5	57.6	0.0	0.0%	
25.9%	57.5	57.5	0.0	0.1%	
27.2%	57.5	57.5	0.0	-0.1%	
28.4%	57.5	57.4	-0.1	-0.1%	
29.6%	57.5	57.4	-0.1	-0.2%	
30.9%	57.5	57.4	-0.1	-0.2%	
32.1%	57.4	57.3	-0.1	-0.2%	
33.3%	57.4	57.3	0.0	0.0%	
34.5%	57.3	57.3	0.0	0.0%	
35.8%	57.3	57.3	0.0	0.0%	
37.0%	57.3	57.2	0.0	0.0%	
38.3%	57.2	57.2	0.0	0.0%	
39.5%	57.2	57.2	0.0	0.0%	
40.7%	57.1	57.2	0.0	0.1%	
42.0%	57.1	57.1	0.0	0.0%	
43.2%	57.0	57.0	0.0	0.0%	
44.4%	57.0	57.0	0.0	0.1%	
45.7%	57.0	57.0	0.0	0.1%	
46.9%	57.0	57.0	0.0	0.1%	
48.1%	56.9	57.0	0.1	0.1%	
49.4%	56.9	56.9	0.1	0.1%	
50.6%	56.8	56.9	0.1	0.2%	
51.9%	56.8	56.9	0.1	0.2%	
53.1%	56.8	56.9	0.1	0.1%	
54.3%	56.8	56.8	0.1	0.1%	
55.6%	56.8	56.8	0.1	0.1%	
56.8%	56.6	56.8	0.2	0.3%	
58.0%	56.6	56.8	0.2	0.3%	
59.3%	56.6	56.8	0.2	0.4%	
60.5%	56.6	56.8	0.2	0.3%	
61.7%	56.6	56.8	0.2	0.4%	
63.0%	56.6	56.7	0.2	0.3%	
64.2%	56.5	56.6	0.1	0.2%	
65.4%	56.5	56.6	0.1	0.1%	
66.7%	56.5	56.6	0.1	0.1%	
67.9%	56.4	56.6	0.1	0.2%	
69.1%	56.4	56.6	0.2	0.3%	
70.4%	56.3	56.5	0.2	0.3%	
71.6%	56.3	56.5	0.2	0.3%	
72.8%	56.2	56.5	0.3	0.5%	
74.1%	56.2	56.4	0.2	0.4%	
75.3%	56.2	56.4	0.2	0.4%	
76.5%	56.1	56.3	0.2	0.3%	
77.8%	56.1	56.3	0.1	0.3%	
79.0%	56.1	56.2	0.1	0.1%	
80.2%	56.1	56.1	0.0	0.1%	
81.5%	56.1	56.1	0.1	0.1%	
82.7%	56.0	56.1	0.1	0.1%	
84.0%	56.0	56.1	0.1	0.1%	
85.2%	56.0	56.1	0.0	0.0%	
86.4%	56.0	56.0	0.0	0.0%	
87.7%	56.0	56.0	0.0	0.0%	
88.9%	56.0	56.0	0.0	0.0%	
90.1%	55.9	55.9	0.1	0.1%	
91.4%	55.7	55.9	0.1	0.2%	
92.6%	55.6	55.7	0.2	0.3%	
93.8%	55.5	55.7	0.2	0.3%	
95.1%	55.3	55.6	0.3	0.6%	
96.3%	55.0	55.4	0.4	0.7%	
97.5%	55.0	55.3	0.3	0.6%	
98.8%	54.9	54.9	0.1	0.1%	
100.0%	54.8	54.7	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	63.6	62.8	-0.8	-1.2%	
1.2%	62.4	62.1	-0.3	-0.5%	
2.5%	61.8	61.8	0.0	0.0%	
3.7%	61.4	61.2	-0.1	-0.2%	
4.9%	61.3	60.6	-0.7	-1.1%	
6.2%	61.2	60.6	-0.5	-0.9%	
7.4%	61.0	60.5	-0.5	-0.8%	
8.6%	60.8	60.3	-0.5	-0.9%	
9.9%	60.2	60.2	0.0	0.1%	
11.1%	60.1	59.7	-0.4	-0.6%	
12.3%	60.0	59.6	-0.5	-0.8%	
13.6%	59.7	59.4	-0.3	-0.5%	
14.8%	59.5	59.4	-0.1	-0.2%	
16.0%	59.4	59.3	-0.1	-0.1%	
17.3%	59.3	59.1	-0.3	-0.5%	
18.5%	59.2	59.0	-0.2	-0.4%	
19.8%	59.0	58.9	-0.1	-0.2%	
21.0%	58.9	58.8	-0.1	-0.2%	
22.2%	58.9	58.8	-0.1	-0.1%	
23.5%	58.8	58.8	-0.1	-0.1%	
24.7%	58.7	58.8	0.1	0.2%	
25.9%	58.5	58.7	0.2	0.3%	
27.2%	58.5	58.7	0.2	0.3%	
28.4%	58.5	58.6	0.1	0.2%	
29.6%	58.5	58.5	0.0	0.0%	
30.9%	58.5	58.4	-0.1	-0.1%	
32.1%	58.5	58.3	-0.1	-0.3%	
33.3%	58.4	58.2	-0.2	-0.4%	
34.5%	58.3	58.2	-0.1	-0.2%	
35.8%	58.2	58.1	-0.1	-0.2%	
37.0%	58.1	58.1	-0.1	-0.1%	
38.3%	58.1	58.0	-0.1	-0.1%	
39.5%	58.1	58.0	0.0	-0.1%	
40.7%	58.0	58.0	0.0	0.0%	
42.0%	58.0	58.0	0.0	0.0%	
43.2%	57.9	57.8	-0.1	-0.1%	
44.4%	57.9	57.8	-0.1	-0.2%	
45.7%	57.8	57.8	-0.1	-0.1%	
46.9%	57.7	57.8	0.1	0.2%	
48.1%	57.6	57.7	0.1	0.2%	
49.4%	57.5	57.6	0.1	0.2%	
50.6%	57.5	57.5	0.1	0.1%	
51.9%	57.4	57.5	0.1	0.3%	
53.1%	57.3	57.5	0.2	0.3%	
54.3%	57.2	57.4	0.2	0.4%	
55.6%	57.2	57.4	0.2	0.3%	
56.8%	57.1	57.4	0.3	0.4%	
58.0%	57.1	57.3	0.3	0.5%	
59.3%	57.0	57.2	0.2	0.4%	
60.5%	57.0	57.2	0.2	0.4%	
61.7%	57.0	57.2	0.2	0.3%	
63.0%	57.0	57.1	0.0	0.1%	
64.2%	57.0	57.1	0.1	0.1%	
65.4%	57.0	57.0	0.1	0.1%	
66.7%	56.9	57.0	0.1	0.2%	
67.9%	56.9	57.0	0.1	0.2%	
69.1%	56.8	57.0	0.2	0.3%	
70.4%	56.8	56.9	0.2	0.3%	
71.6%	56.8	56.9	0.2	0.3%	
72.8%	56.7	56.9	0.2	0.3%	
74.1%	56.7	56.9	0.2	0.3%	
75.3%	56.7	56.8	0.1	0.2%	
76.5%	56.7	56.8	0.2	0.3%	
77.8%	56.7	56.8	0.2	0.3%	
79.0%	56.6	56.8	0.2	0.3%	
80.2%	56.6	56.7	0.1	0.2%	
81.5%	56.6	56.7	0.1	0.2%	
82.7%	56.6	56.5	-0.1	-0.1%	
84.0%	56.5	56.4	-0.1	-0.3%	
85.2%	56.5	56.4	-0.1	-0.2%	
86.4%	56.4	56.3	-0.1	-0.3%	
87.7%	56.4	56.3	-0.1	-0.2%	
88.9%	56.3	56.2	-0.1	-0.2%	
90.1%	56.3	56.2	-0.1	-0.1%	
91.4%	56.1	56.2	0.1	0.2%	
92.6%	56.0	56.1	0.1	0.1%	
93.8%	55.9	55.8	0.0	-0.1%	
95.1%	55.8	55.8	0.0	0.0%	
96.3%	55.4	55.3	-0.2	-0.3%	
97.5%	55.8	55.5	-0.2	-0.4%	
98.8%	55.7	55.5	-0.2	-0.4%	
100.0%	55.6	55.2	-0.4	-0.7%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.6	66.6	-1.0	-1.5%	
1.2%	67.3	62.8	-4.5	-6.6%	
2.5%	66.3	62.5	-3.7	-5.6%	
3.7%	66.4	61.3	-5.1	-7.7%	
4.9%	62.6	60.8	-1.8	-2.8%	
6.2%	62.3	60.6	-1.7	-2.7%	
7.4%	61.9	60.3	-1.6	-2.6%	
8.6%	61.0	60.1	-0.9	-1.5%	
9.9%	60.7	60.1	-0.6	-1.0%	
11.1%	60.4	60.0	-0.4	-0.7%	
12.3%	60.4	59.8	-0.6	-1.0%	
13.6%	60.3	59.8	-0.5	-0.9%	
14.8%	60.0	59.7	-0.3	-0.6%	
16.0%	60.0	59.6	-0.5	-0.8%	
17.3%	59.8	59.6	-0.2	-0.3%	
18.5%	59.6	59.5	-0.1	-0.2%	
19.8%	59.6	59.4	-0.2	-0.4%	
21.0%	59.5	59.2	-0.3	-0.5%	
22.2%	59.3	59.2	-0.1	-0.2%	
23.5%	59.3	59.0	-0.3	-0.5%	
24.7%	59.2	58.9	-0.3	-0.5%	
25.9%	59.2	58.9	-0.3	-0.5%	
27.2%	59.1	58.9	-0.2	-0.4%	
28.4%	59.1	58.8	-0.3	-0.4%	
29.6%	58.8	58.7	-0.2	-0.3%	
30.9%	58.8	58.7	-0.1	-0.2%	
32.1%	58.8	58.7	-0.1	-0.2%	
33.3%	58.8	58.6	-0.2	-0.3%	
34.5%	58.7	58.6	-0.1	-0.1%	
35.8%	58.7	58.6	-0.1	-0.1%	
37.0%	58.6	58.6	0.0	-0.1%	
38.3%	58.6	58.5	0.0	-0.1%	
39.5%	58.6	58.5	-0.1	-0.2%	
40.7%	58.6	58.5	-0.1	-0.2%	
42.0%	58.4	58.4	0.1	0.1%	
43.2%	58.3	58.4	0.1	0.2%	
44.4%	58.3	58.4	0.1	0.1%	
45.7%	58.3	58.4	0.1	0.1%	
46.9%	58.3	58.4	0.1	0.1%	
48.1%	58.3	58.3	0.0	0.0%	
49.4%	58.3	58.2	-0.1	-0.1%	
50.6%	58.2	58.2	0.0	-0.1%	
51.9%	58.2	58.1	-0.1	-0.1%	
53.1%	58.2	58.1	-0.1	-0.2%	
54.3%	58.2	58.1	-0.1	-0.1%	
55.6%	58.1	58.1	0.0	0.0%	
56.8%	58.1	58.1	0.0	0.1%	
58.0%	58.1	58.1	0.0	0.1%	
59.3%	58.0	58.1	0.1	0.2%	
60.5%	58.0	58.1	0.1	0.2%	
61.7%	57.9	58.0	0.1	0.1%	
63.0%	57.9	58.0	0.1	0.1%	
64.2%	57.9	58.0	0.1	0.1%	
65.4%	57.9	57.9	0.0	0.0%	
66.7%	57.9	57.9	0.0	0.1%	
67.9%	57.9	57.9	0.0	0.0%	
69.1%	57.9	57.9	0.0	0.0%	
70.4%	57.8	57.8	0.0	0.0%	
71.6%	57.8	57.8	-0.1	-0.1%	
72.8%	57.7	57.7	0.0	0.1%	
74.1%	57.7	57.6	-0.1	-0.1%	
75.3%	57.7	57.6	-0.1	-0.1%	
76.5%	57.7	57.6	-0.1	-0.1%	
77.8%	57.6	57.4	-0.2	-0.3%	
79.0%	57.5	57.4	-0.1	-0.2%	
80.2%	57.				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative C	55.1	50.8	46.3	44.7	46.3	49.7	53.9	56.6	57.1	57.9	58.5	58.6
Difference	-0.4	-0.2	0.2	0.2	0.0	0.0	0.5	0.1	0.0	0.0	-0.3	-0.3
Percent Difference ³	-0.7%	-0.3%	0.5%	0.5%	0.1%	0.1%	0.9%	0.2%	0.1%	-0.1%	-0.5%	-0.6%
Water Year Types ²												
Wet (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative C	54.7	51.3	46.5	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.7
Difference	-0.2	-0.1	0.4	0.1	0.0	0.0	0.1	-0.2	-0.2	0.2	0.1	-0.1
Percent Difference	-0.3%	-0.2%	0.8%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.3%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative C	54.2	50.7	46.9	45.0	46.3	49.9	54.1	56.8	56.7	56.9	58.4	58.2
Difference	-0.3	0.0	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.0	0.1	0.1
Percent Difference	-0.6%	-0.1%	0.8%	0.5%	0.0%	0.0%	0.6%	-0.5%	0.4%	0.0%	0.2%	0.2%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Alternative C	53.9	50.3	46.5	44.5	45.9	49.6	54.5	56.8	56.8	57.2	58.0	58.6
Difference	-0.3	-0.1	0.1	0.2	0.0	0.0	0.6	0.2	0.1	-0.1	0.1	-0.4
Percent Difference	-0.6%	-0.2%	0.2%	0.4%	0.0%	0.0%	1.1%	0.4%	0.2%	-0.2%	0.2%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative C	55.2	50.7	46.0	44.7	46.4	50.4	54.8	56.5	57.4	57.5	58.2	59.4
Difference	-0.5	-0.3	0.0	0.4	0.0	0.1	0.7	0.3	0.2	0.1	-0.4	-0.6
Percent Difference	-0.9%	-0.6%	0.0%	0.8%	0.0%	0.1%	1.3%	0.6%	0.4%	0.1%	-0.7%	-1.0%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Alternative C	57.9	50.4	45.4	44.5	47.2	50.9	54.6	57.5	58.4	59.9	60.1	62.2
Difference	-0.7	-0.3	0.2	0.2	0.1	0.1	0.9	0.6	0.0	-0.6	-1.9	-0.9
Percent Difference	-1.2%	-0.6%	0.5%	0.4%	0.2%	0.2%	1.7%	1.1%	0.0%	-1.0%	-3.0%	-1.5%

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

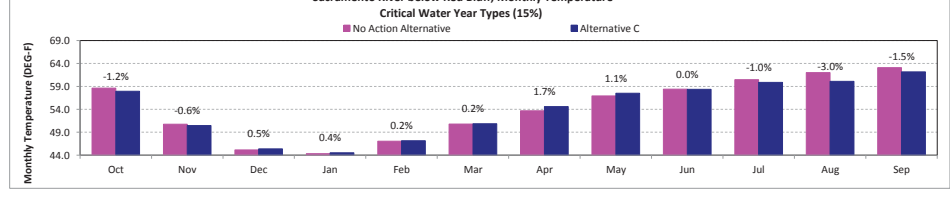
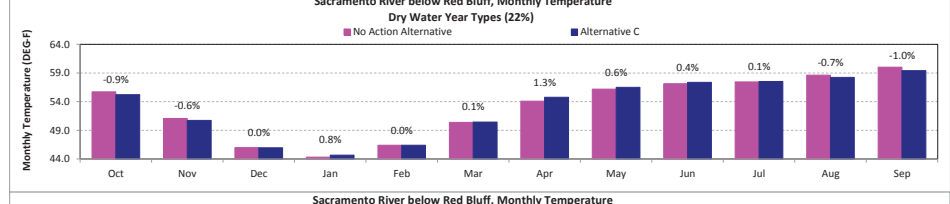
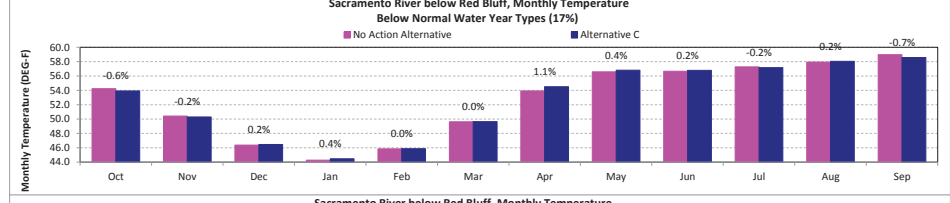
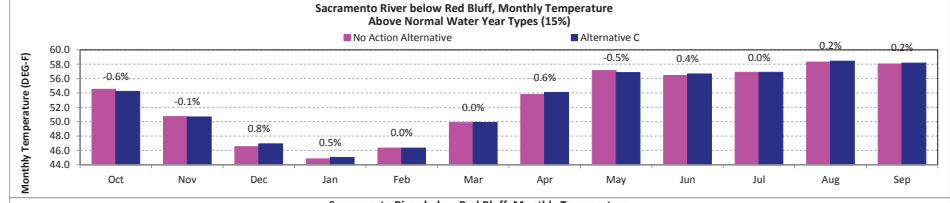
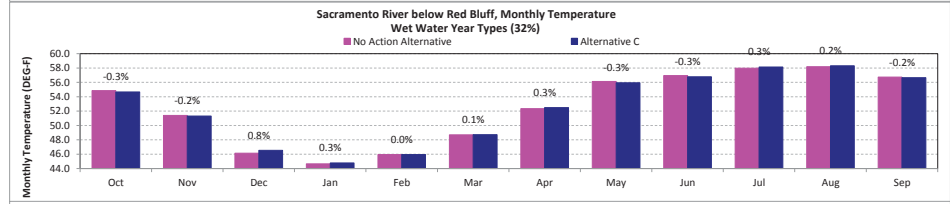
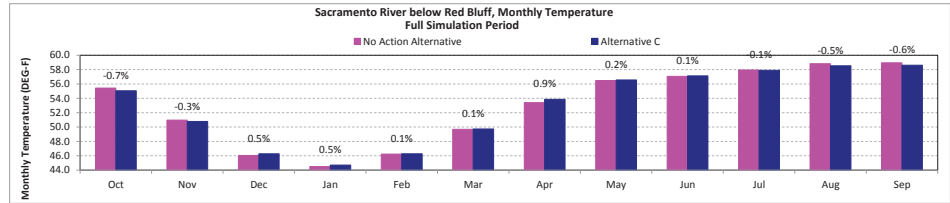


Figure SQ-07-7b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

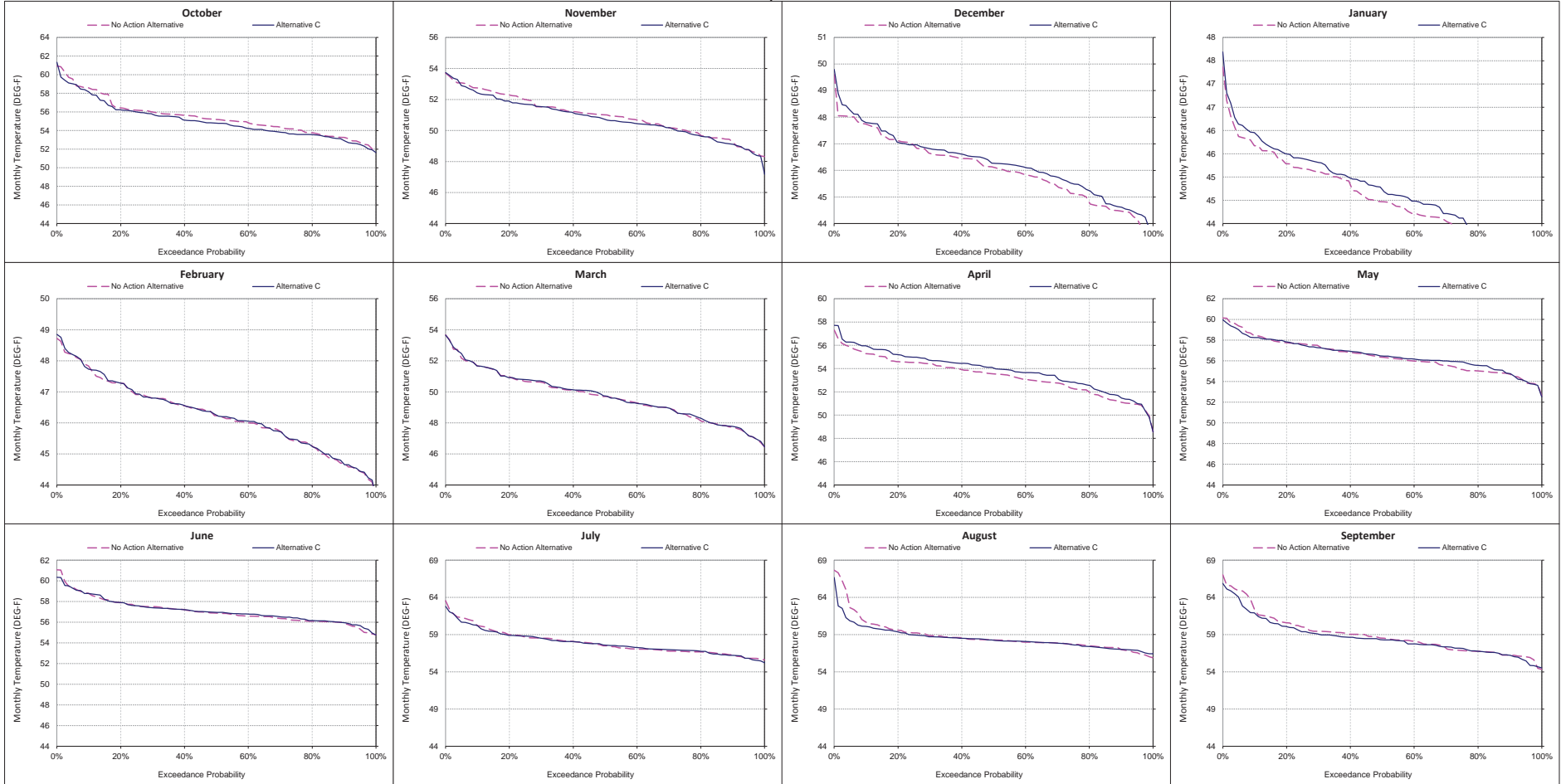


Table SQ-07-7b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.9	61.3	0.4	0.7%	
1.2%	60.9	59.7	-1.1	-1.8%	
2.5%	60.3	59.4	-0.9	-1.5%	
3.7%	59.7	59.1	-0.6	-1.0%	
4.9%	59.5	59.0	-0.5	-0.9%	
6.2%	58.8	58.9	0.1	0.2%	
7.4%	58.7	58.5	-0.3	-0.5%	
8.6%	58.6	58.4	-0.2	-0.4%	
9.9%	58.6	58.2	-0.4	-0.7%	
11.1%	58.4	57.8	-0.6	-1.0%	
12.3%	58.4	57.8	-0.6	-1.0%	
13.6%	58.0	57.2	-0.8	-1.4%	
14.8%	57.9	57.2	-0.7	-1.2%	
16.0%	57.9	56.7	-1.2	-2.0%	
17.3%	56.7	56.6	-0.2	-0.3%	
18.5%	56.5	56.2	-0.2	-0.4%	
19.8%	56.4	56.2	-0.2	-0.4%	
21.0%	56.4	56.2	-0.2	-0.4%	
22.2%	56.3	56.1	-0.1	-0.2%	
23.5%	56.2	56.1	-0.1	-0.2%	
24.7%	56.2	56.0	-0.2	-0.4%	
25.9%	56.2	55.9	-0.2	-0.4%	
27.2%	56.1	55.9	-0.2	-0.4%	
28.4%	56.1	55.8	-0.3	-0.5%	
29.6%	56.0	55.8	-0.2	-0.4%	
30.9%	55.9	55.6	-0.3	-0.5%	
32.1%	55.9	55.5	-0.3	-0.6%	
33.3%	55.8	55.5	-0.2	-0.4%	
34.5%	55.8	55.5	-0.2	-0.4%	
35.8%	55.8	55.5	-0.2	-0.4%	
37.0%	55.7	55.5	-0.2	-0.4%	
38.3%	55.7	55.4	-0.3	-0.5%	
39.5%	55.6	55.1	-0.5	-0.9%	
40.7%	55.6	55.1	-0.5	-0.9%	
42.0%	55.6	55.1	-0.5	-0.9%	
43.2%	55.6	55.1	-0.5	-0.9%	
44.4%	55.4	55.0	-0.4	-0.8%	
45.7%	55.3	54.9	-0.4	-0.7%	
46.9%	55.3	54.8	-0.4	-0.8%	
48.1%	55.2	54.8	-0.4	-0.7%	
49.4%	55.2	54.8	-0.4	-0.7%	
50.6%	55.2	54.8	-0.4	-0.7%	
51.9%	55.1	54.8	-0.4	-0.7%	
53.1%	55.1	54.7	-0.3	-0.6%	
54.3%	55.0	54.6	-0.5	-0.9%	
55.6%	55.0	54.5	-0.5	-1.0%	
56.8%	55.0	54.5	-0.5	-0.9%	
58.0%	55.0	54.4	-0.6	-1.0%	
59.3%	54.9	54.3	-0.7	-1.2%	
60.5%	54.8	54.2	-0.5	-1.0%	
61.7%	54.7	54.1	-0.6	-1.0%	
63.0%	54.6	54.1	-0.5	-0.9%	
64.2%	54.6	54.1	-0.5	-0.9%	
65.4%	54.5	54.0	-0.5	-1.0%	
66.7%	54.5	54.0	-0.5	-1.0%	
67.9%	54.4	53.9	-0.5	-0.9%	
69.1%	54.4	53.9	-0.5	-1.0%	
70.4%	54.4	53.8	-0.5	-1.0%	
71.6%	54.2	53.8	-0.4	-0.8%	
72.8%	54.2	53.6	-0.6	-1.0%	
74.1%	54.2	53.6	-0.6	-1.0%	
75.3%	54.0	53.6	-0.5	-0.9%	
76.5%	54.0	53.6	-0.5	-0.9%	
77.8%	53.8	53.6	-0.3	-0.5%	
79.0%	53.7	53.6	-0.2	-0.3%	
80.2%	53.7	53.6	-0.2	-0.4%	
81.5%	53.7	53.5	-0.1	-0.3%	
82.7%	53.5	53.5	-0.1	-0.1%	
84.0%	53.4	53.3	-0.1	-0.2%	
85.2%	53.4	53.3	-0.1	-0.1%	
86.4%	53.4	53.2	-0.2	-0.3%	
87.7%	53.3	53.1	-0.2	-0.3%	
88.9%	53.3	53.1	-0.1	-0.3%	
90.1%	53.3	52.9	-0.4	-0.7%	
91.4%	53.1	52.7	-0.4	-0.8%	
92.6%	52.9	52.6	-0.3	-0.5%	
93.8%	52.9	52.6	-0.3	-0.5%	
95.1%	52.7	52.5	-0.2	-0.4%	
96.3%	52.5	52.3	-0.2	-0.4%	
97.5%	52.4	52.0	-0.4	-0.8%	
98.8%	52.0	51.9	-0.1	-0.2%	
100.0%	51.8	51.6	-0.2	-0.3%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.7	53.7	0.0	0.1%	
1.2%	53.5	53.6	0.1	0.1%	
2.5%	53.2	53.4	0.1	0.3%	
3.7%	53.1	53.3	0.2	0.4%	
4.9%	53.1	52.9	-0.2	-0.3%	
6.2%	53.0	52.8	-0.2	-0.4%	
7.4%	52.9	52.7	-0.2	-0.4%	
8.6%	52.8	52.6	-0.2	-0.3%	
9.9%	52.7	52.4	-0.3	-0.6%	
11.1%	52.7	52.3	-0.4	-0.7%	
12.3%	52.6	52.3	-0.3	-0.6%	
13.6%	52.6	52.3	-0.3	-0.6%	
14.8%	52.5	52.3	-0.2	-0.5%	
16.0%	52.4	52.0	-0.4	-0.7%	
17.3%	52.4	52.0	-0.3	-0.7%	
18.5%	52.3	51.9	-0.4	-0.8%	
19.8%	52.3	51.9	-0.4	-0.8%	
21.0%	52.2	51.8	-0.5	-0.9%	
22.2%	52.2	51.8	-0.4	-0.8%	
23.5%	52.1	51.7	-0.3	-0.7%	
24.7%	52.0	51.7	-0.3	-0.6%	
25.9%	52.0	51.7	-0.3	-0.6%	
27.2%	51.9	51.7	-0.3	-0.5%	
28.4%	51.5	51.6	0.0	0.0%	
29.6%	51.5	51.5	0.0	0.0%	
30.9%	51.5	51.5	0.0	0.0%	
32.1%	51.5	51.5	0.0	0.0%	
33.3%	51.5	51.4	-0.1	-0.3%	
34.5%	51.5	51.4	-0.1	-0.2%	
35.8%	51.3	51.3	-0.1	-0.1%	
37.0%	51.3	51.2	-0.1	-0.2%	
38.3%	51.2	51.2	0.0	-0.1%	
39.5%	51.2	51.2	0.0	-0.1%	
40.7%	51.2	51.1	-0.1	-0.3%	
42.0%	51.2	51.0	-0.1	-0.3%	
43.2%	51.1	51.0	-0.1	-0.2%	
44.4%	51.1	51.0	-0.1	-0.3%	
45.7%	51.1	50.9	-0.2	-0.4%	
46.9%	51.1	50.9	-0.2	-0.3%	
48.1%	51.0	50.8	-0.2	-0.4%	
49.4%	51.0	50.7	-0.3	-0.5%	
50.6%	51.0	50.7	-0.3	-0.6%	
51.9%	50.9	50.6	-0.3	-0.6%	
53.1%	50.9	50.6	-0.3	-0.6%	
54.3%	50.9	50.6	-0.3	-0.6%	
55.6%	50.9	50.6	-0.3	-0.7%	
56.8%	50.8	50.5	-0.2	-0.5%	
58.0%	50.7	50.5	-0.2	-0.4%	
59.3%	50.7	50.5	-0.2	-0.5%	
60.5%	50.7	50.4	-0.2	-0.4%	
61.7%	50.6	50.4	-0.2	-0.5%	
63.0%	50.5	50.4	-0.1	-0.2%	
64.2%	50.4	50.4	-0.1	-0.2%	
65.4%	50.4	50.4	-0.1	-0.2%	
66.7%	50.4	50.3	-0.1	-0.2%	
67.9%	50.3	50.3	0.0	0.0%	
69.1%	50.2	50.2	0.0	-0.1%	
70.4%	50.2	50.2	0.0	0.0%	
71.6%	50.2	50.1	-0.1	-0.2%	
72.8%	50.1	50.0	-0.1	-0.3%	
74.1%	50.1	50.0	-0.1	-0.2%	
75.3%	50.0	49.9	-0.1	-0.2%	
76.5%	49.9	49.8	-0.1	-0.2%	
77.8%	49.9	49.7	-0.2	-0.4%	
79.0%	49.9	49.7	-0.2	-0.3%	
80.2%	49.7	49.6	0.0	-0.1%	
81.5%	49.6	49.6	0.0	-0.1%	
82.7%	49.5	49.6	0.0	0.1%	
84.0%	49.5	49.4	-0.1	-0.2%	
85.2%	49.5	49.3	-0.3	-0.5%	
86.4%	49.5	49.2	-0.3	-0.5%	
87.7%	49.4	49.2	-0.3	-0.5%	
88.9%	49.4	49.2	-0.3	-0.6%	
90.1%	49.2	49.1	-0.1	-0.3%	
91.4%	49.0	49.0	0.1	0.1%	
92.6%	48.9	49.0	0.0	0.0%	
93.8%	48.8	48.8	0.0	0.0%	
95.1%	48.8	48.8	0.0	0.0%	
96.3%	48.7	48.4	-0.3	-0.5%	
97.5%	48.6	48.4	-0.2	-0.4%	
98.8%	48.4	48.3	0.0	-0.1%	
100.0%	48.3	47.2	-1.1	-2.4%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	49.6	49.8	0.2	0.4%	
1.2%	48.1	48.9	0.8	1.7%	
2.5%	48.1	48.5	0.4	0.8%	
3.7%	48.0	48.4	0.4	0.8%	
4.9%	48.0	48.3	0.2	0.5%	
6.2%	48.0	48.1	0.1	0.2%	
7.4%	47.8	48.1	0.3	0.6%	
8.6%	47.8	47.9	0.1	0.2%	
9.9%	47.7	47.8	0.1	0.1%	
11.1%	47.7	47.8	0.1	0.2%	
12.3%	47.6	47.7	0.1	0.3%	
13.6%	47.6	47.7	0.1	0.3%	
14.8%	47.3	47.5	0.2	0.3%	
16.0%	47.3	47.5	0.2	0.5%	
17.3%	47.2	47.4	0.2	0.4%	
18.5%	47.2	47.3	0.2	0.3%	
19.8%	47.1	47.1	-0.1	-0.1%	
21.0%	47.1	47.0	-0.1	-0.1%	
22.2%	47.1	47.0	-0.1	-0.1%	
23.5%	47.1	47.0	-0.1	-0.2%	
24.7%	47.0	47.0	0.0	0.0%	
25.9%	46.9	47.0	0.1	0.2%	
27.2%	46.8	46.9	0.1	0.2%	
28.4%	46.8	46.9	0.1	0.1%	
29.6%	46.7	46.8	0.2	0.4%	
30.9%	46.6	46.8	0.2	0.4%	
32.1%	46.6	46.8	0.2	0.4%	
33.3%	46.6	46.8	0.2	0.4%	
34.5%	46.6	46.8	0.2	0.4%	
35.8%	46.6	46.7	0.1	0.2%	
37.0%	46.5	46.7	0.1	0.3%	
38.3%	46.5	46.7	0.2	0.4%	
39.5%	46.4	46.6	0.2	0.4%	
40.7%	46.4	46.6	0.1	0.3%	
42.0%	46.4	46.5	0.1	0.2%	
43.2%	46.4	46.5	0.1	0.2%	
44.4%	46.4	46.5	0.1	0.2%	
45.7%	46.3	46.5	0.2	0.5%	
46.9%	46.2	46.5	0.3	0.7%	
48.1%	46.1	46.4	0.3	0.5%	
49.4%	46.1	46.3	0.1	0.3%	
50.6%	46.1	46.3	0.2	0.3%	
51.9%	46.0	46.3	0.2	0.5%	
53.1%	46.0	46.2	0.3	0.6%	
54.3%	46.0	46.2	0.3	0.6%	
55.6%	46.0	46.2	0.3	0.6%	
56.8%	45.9	46.2	0.3	0.5%	
58.0%	45.9	46.2	0.2	0.5%	
59.3%	45.9	46.1	0.3	0.6%	
60.5%	45.8	46.1	0.3	0.6%	
61.7%	45.8	46.1	0.3	0.6%	
63.0%	45.8	46.0	0.3	0.5%	
64.2%	45.7	45.9	0.2	0.4%	
65.4%	45.6	45.9	0.3	0.6%	
66.7%	45.6	45.9	0.3	0.6%	
67.9%	45.5	45.8	0.3	0.6%	
69.1%	45.5	45.8	0.3	0.7%	
70.4%	45.4	45.7	0.4	0.8%	
71.6%	45.3	45.6	0.3	0.7%	
72.8%	45.3	45.6	0.3	0.7%	
74.1%	45.1	45.5	0.4	0.9%	
75.3%	45.1	45.5	0.4	0.8%	
76.5%	45.1	45.5	0.4	0.9%	
77.8%	45.1	45.4	0.3	0.7%	
79.0%	45.0	45.3	0.3	0.6%	
80.2%	44.				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.7	48.9	0.1	0.3%	
1.2%	48.6	48.8	0.1	0.3%	
2.5%	48.3	48.4	0.1	0.2%	
3.7%	48.2	48.3	0.0	0.1%	
4.9%	48.2	48.2	0.0	0.0%	
6.2%	48.1	48.1	0.0	0.1%	
7.4%	48.0	48.0	0.0	0.0%	
8.6%	47.9	47.8	-0.1	-0.2%	
9.9%	47.8	47.7	-0.1	-0.2%	
11.1%	47.7	47.7	0.0	0.1%	
12.3%	47.5	47.7	0.2	0.4%	
13.6%	47.5	47.7	0.2	0.4%	
14.8%	47.4	47.6	0.2	0.4%	
16.0%	47.3	47.4	0.0	0.0%	
17.3%	47.3	47.4	0.1	0.1%	
18.5%	47.3	47.3	0.0	0.1%	
19.8%	47.3	47.3	0.0	0.0%	
21.0%	47.3	47.3	0.0	0.0%	
22.2%	47.1	47.1	0.0	0.1%	
23.5%	47.0	47.1	0.1	0.1%	
24.7%	46.9	46.9	0.0	0.0%	
25.9%	46.9	46.9	0.0	0.0%	
27.2%	46.9	46.8	-0.1	-0.1%	
28.4%	46.8	46.8	0.0	0.0%	
29.6%	46.8	46.8	0.0	0.0%	
30.9%	46.8	46.8	0.0	0.0%	
32.1%	46.8	46.8	0.0	0.0%	
33.3%	46.8	46.8	0.0	-0.1%	
34.5%	46.7	46.7	0.0	-0.1%	
35.8%	46.7	46.6	0.0	-0.1%	
37.0%	46.6	46.6	0.0	0.0%	
38.3%	46.6	46.6	0.0	0.1%	
39.5%	46.6	46.6	0.0	0.0%	
40.7%	46.5	46.5	0.0	0.0%	
42.0%	46.5	46.5	0.0	0.1%	
43.2%	46.5	46.5	0.0	0.0%	
44.4%	46.4	46.4	0.0	0.0%	
45.7%	46.4	46.4	-0.1	-0.1%	
46.9%	46.4	46.4	0.0	0.0%	
48.1%	46.4	46.4	0.0	0.0%	
49.4%	46.2	46.3	0.0	0.1%	
50.6%	46.2	46.2	0.0	0.0%	
51.9%	46.2	46.2	0.0	0.0%	
53.1%	46.1	46.2	0.1	0.1%	
54.3%	46.1	46.2	0.1	0.1%	
55.6%	46.1	46.1	0.1	0.2%	
56.8%	46.0	46.1	0.0	0.1%	
58.0%	46.0	46.1	0.0	0.1%	
59.3%	46.0	46.1	0.1	0.1%	
60.5%	46.0	46.0	0.1	0.1%	
61.7%	46.0	46.0	0.1	0.1%	
63.0%	45.9	46.0	0.0	0.1%	
64.2%	45.8	46.0	0.1	0.3%	
65.4%	45.8	45.9	0.0	0.1%	
66.7%	45.8	45.8	0.0	0.0%	
67.9%	45.8	45.7	-0.1	-0.2%	
69.1%	45.8	45.7	0.0	-0.1%	
70.4%	45.7	45.7	0.0	0.0%	
71.6%	45.6	45.6	0.0	0.0%	
72.8%	45.5	45.5	0.0	0.0%	
74.1%	45.4	45.5	0.0	0.1%	
75.3%	45.4	45.5	0.0	0.1%	
76.5%	45.4	45.4	0.0	-0.1%	
77.8%	45.4	45.3	0.0	-0.1%	
79.0%	45.3	45.3	0.0	0.0%	
80.2%	45.2	45.2	0.0	0.0%	
81.5%	45.2	45.2	0.0	0.1%	
82.7%	45.0	45.1	0.1	0.2%	
84.0%	45.0	45.0	0.0	0.0%	
85.2%	44.9	45.0	0.1	0.3%	
86.4%	44.8	44.9	0.0	0.1%	
87.7%	44.8	44.8	0.0	0.1%	
88.9%	44.7	44.8	0.1	0.2%	
90.1%	44.7	44.7	0.0	-0.1%	
91.4%	44.6	44.6	0.1	0.2%	
92.6%	44.6	44.6	0.0	0.0%	
93.8%	44.5	44.5	0.0	0.1%	
95.1%	44.4	44.4	0.0	0.0%	
96.3%	44.4	44.4	0.0	0.1%	
97.5%	44.2	44.2	0.0	0.1%	
98.8%	44.1	44.2	0.1	0.1%	
100.0%	43.6	44.2	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.7	53.7	0.0	0.0%	
1.2%	53.4	53.3	0.0	-0.1%	
2.5%	52.9	52.9	0.1	0.3%	
3.7%	52.7	52.7	-0.1	-0.1%	
4.9%	52.2	52.5	0.3	0.6%	
6.2%	52.0	52.1	0.0	0.1%	
7.4%	52.0	52.0	0.0	0.1%	
8.6%	51.9	51.9	0.0	0.0%	
9.9%	51.7	51.7	0.0	0.0%	
11.1%	51.6	51.7	0.0	0.1%	
12.3%	51.6	51.6	0.0	0.0%	
13.6%	51.5	51.5	0.0	0.0%	
14.8%	51.5	51.5	0.0	0.1%	
16.0%	51.3	51.4	0.0	0.1%	
17.3%	51.0	51.0	0.0	-0.1%	
18.5%	51.0	51.0	0.0	-0.1%	
19.8%	51.0	50.9	-0.1	-0.1%	
21.0%	50.9	50.9	0.0	0.1%	
22.2%	50.8	50.8	0.1	0.1%	
23.5%	50.8	50.8	0.0	0.1%	
24.7%	50.7	50.8	0.1	0.2%	
25.9%	50.6	50.8	0.1	0.3%	
27.2%	50.6	50.8	0.1	0.2%	
28.4%	50.6	50.7	0.1	0.1%	
29.6%	50.6	50.7	0.1	0.1%	
30.9%	50.6	50.7	0.1	0.2%	
32.1%	50.4	50.5	0.1	0.3%	
33.3%	50.3	50.3	0.1	0.1%	
34.5%	50.3	50.3	0.1	0.1%	
35.8%	50.2	50.3	0.0	0.1%	
37.0%	50.2	50.2	0.1	0.1%	
38.3%	50.2	50.2	0.0	0.1%	
39.5%	50.1	50.1	0.0	0.0%	
40.7%	50.1	50.1	0.0	0.0%	
42.0%	50.0	50.1	0.1	0.2%	
43.2%	50.0	50.1	0.1	0.2%	
44.4%	49.9	50.1	0.2	0.4%	
45.7%	49.8	50.1	0.2	0.5%	
46.9%	49.8	50.0	0.2	0.4%	
48.1%	49.8	49.9	0.1	0.3%	
49.4%	49.7	49.8	0.1	0.1%	
50.6%	49.7	49.7	0.0	0.0%	
51.9%	49.6	49.6	0.0	-0.1%	
53.1%	49.6	49.6	0.0	0.0%	
54.3%	49.5	49.5	0.0	0.0%	
55.6%	49.5	49.4	0.0	-0.1%	
56.8%	49.4	49.3	-0.1	-0.2%	
58.0%	49.4	49.3	-0.1	-0.2%	
59.3%	49.3	49.3	0.0	-0.1%	
60.5%	49.3	49.2	0.0	0.0%	
61.7%	49.1	49.2	0.1	0.2%	
63.0%	49.1	49.2	0.0	0.1%	
64.2%	49.1	49.1	0.1	0.1%	
65.4%	49.0	49.1	0.0	0.1%	
66.7%	49.0	49.0	0.0	0.0%	
67.9%	49.0	49.0	0.0	0.0%	
69.1%	49.0	49.0	0.0	0.0%	
70.4%	48.9	48.9	0.0	0.1%	
71.6%	48.8	48.8	-0.1	-0.1%	
72.8%	48.6	48.6	0.0	0.0%	
74.1%	48.6	48.6	0.0	0.0%	
75.3%	48.5	48.6	0.0	0.1%	
76.5%	48.4	48.6	0.2	0.4%	
77.8%	48.3	48.5	0.1	0.2%	
79.0%	48.3	48.4	0.1	0.2%	
80.2%	48.1	48.3	0.2	0.4%	
81.5%	48.1	48.1	0.1	0.2%	
82.7%	48.0	48.0	0.0	0.0%	
84.0%	48.0	48.0	0.0	0.0%	
85.2%	47.9	47.9	0.0	-0.1%	
86.4%	47.8	47.9	0.0	0.0%	
87.7%	47.8	47.8	0.0	0.0%	
88.9%	47.7	47.8	0.0	0.1%	
90.1%	47.7	47.8	0.0	0.1%	
91.4%	47.6	47.7	0.1	0.2%	
92.6%	47.6	47.6	0.1	0.2%	
93.8%	47.4	47.4	0.0	0.0%	
95.1%	47.2	47.2	0.0	0.0%	
96.3%	47.1	47.1	0.0	0.1%	
97.5%	46.9	47.0	0.0	0.0%	
98.8%	46.7	46.8	0.0	0.2%	
100.0%	46.5	46.5	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	57.3	57.7	0.4	0.7%	
1.2%	56.6	57.7	1.1	2.0%	
2.5%	56.2	56.5	0.4	0.6%	
3.7%	56.0	56.3	0.3	0.5%	
4.9%	55.9	56.3	0.4	0.7%	
6.2%	55.7	56.3	0.6	1.0%	
7.4%	55.6	56.1	0.5	0.9%	
8.6%	55.5	56.0	0.5	0.9%	
9.9%	55.3	56.0	0.7	1.2%	
11.1%	55.3	55.8	0.5	1.1%	
12.3%	55.2	55.7	0.4	0.8%	
13.6%	55.1	55.6	0.6	1.1%	
14.8%	55.1	55.6	0.6	1.1%	
16.0%	55.0	55.6	0.6	1.1%	
17.3%	54.7	55.5	0.8	1.6%	
18.5%	54.7	55.2	0.6	1.1%	
19.8%	54.6	55.2	0.6	1.1%	
21.0%	54.6	55.2	0.6	1.1%	
22.2%	54.6	55.0	0.5	0.8%	
23.5%	54.5	55.0	0.5	0.9%	
24.7%	54.5	55.0	0.4	0.8%	
25.9%	54.1	54.8	0.7	0.9%	
27.2%	54.5	54.9	0.4	0.8%	
28.4%	54.4	54.9	0.4	0.8%	
29.6%	54.4	54.7	0.3	0.6%	
30.9%	54.4	54.7	0.3	0.5%	
32.1%	54.2	54.7	0.4	0.8%	
33.3%	54.2	54.7	0.4	0.8%	
34.5%	54.1	54.6	0.5	0.9%	
35.8%	54.1	54.6	0.5	0.9%	
37.0%	54.1	54.5	0.4	0.8%	
38.3%	54.0	54.5	0.5	0.9%	
39.5%	53.9	54.5	0.5	1.0%	
40.7%	53.9	54.5	0.6	1.1%	
42.0%	53.9	54.4	0.6	1.1%	
43.2%	53.8	54.3	0.5	1.0%	
44.4%	53.7	54.3	0.6	1.1%	
45.7%	53.7	54.3	0.5	1.0%	
46.9%	53.7	54.2	0.5	0.9%	
48.1%	53.6	54.1	0.5	1.0%	
49.4%	53.6	54.1	0.5	1.0%	
50.6%	53.5	54.0	0.4	0.8%	
51.9%	53.5	54.0	0.4	0.8%	
53.1%	53.5	53.9	0.5	0.8%	
54.3%	53.4	53.9	0.5	0.9%	
55.6%	53.4	53.9	0.5	1.0%	
56.8%	53.3	53.7	0.5	0.9%	
58.0%	53.2	53.7	0.5	1.0%	
59.3%	53.1	53.7	0.6	1.1%	
60.5%	53.1	53.7	0.6	1.1%	
61.7%	53.0	53.7	0.7	1.2%	
63.0%	53.0	53.6	0.7	1.3%	
64.2%	52.9	53.6	0.7	1.4%	
65.4%	52.9	53.5	0.6	1.2%	
66.7%	52.8	53.4	0.6	1.1%	
67.9%	52.8	53.4	0.6	1.1%	
69.1%	52.8	53.4	0.6	1.2%	
70.4%	52.8	53.1	0.3	0.6%	
71.6%	52.7	52.9	0.3	0.5%	
72.8%	52.5	52.9	0.4	0.7%	
74.1%	52.3	52.8	0.5	1.0%	
75.3%	52.3	52.8	0.6	1.1%	
76.5%	52.2	52.7	0.5	1.0%	
77.8%	52.2	52.7	0.5	1.0%	
79.0%	52.2	52.6	0.4	0.8%	
80.2%	51.				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.1	60.3	-0.7	-1.2%	
1.2%	61.0	60.3	-0.7	-1.2%	
2.5%	59.9	59.4	-0.4	-0.7%	
3.7%	59.5	59.0	-0.5	-0.9%	
4.9%	59.4	59.3	-0.1	-0.2%	
6.2%	59.1	59.1	-0.1	-0.1%	
7.4%	59.0	59.1	0.1	0.1%	
8.6%	58.9	58.8	-0.1	-0.2%	
9.9%	58.8	58.8	0.0	0.0%	
11.1%	58.6	58.7	0.2	0.3%	
12.3%	58.5	58.7	0.2	0.4%	
13.6%	58.3	58.6	0.3	0.5%	
14.8%	58.2	58.2	0.1	0.1%	
16.0%	58.2	58.1	-0.1	-0.2%	
17.3%	58.0	58.0	0.0	0.0%	
18.5%	57.9	57.9	0.0	0.0%	
19.8%	57.9	57.9	0.0	0.0%	
21.0%	57.9	57.9	0.0	0.0%	
22.2%	57.7	57.7	0.0	-0.1%	
23.5%	57.7	57.6	-0.1	-0.2%	
24.7%	57.6	57.6	0.0	0.0%	
25.9%	57.6	57.6	0.0	0.1%	
27.2%	57.5	57.5	0.0	-0.1%	
28.4%	57.5	57.4	-0.1	-0.1%	
29.6%	57.5	57.4	-0.1	-0.2%	
30.9%	57.5	57.4	-0.1	-0.2%	
32.1%	57.5	57.4	-0.1	-0.2%	
33.3%	57.4	57.4	0.0	-0.1%	
34.5%	57.3	57.3	0.0	0.0%	
35.8%	57.3	57.3	0.0	0.0%	
37.0%	57.3	57.3	0.0	0.0%	
38.3%	57.3	57.2	0.0	0.0%	
39.5%	57.2	57.2	0.0	0.0%	
40.7%	57.2	57.2	0.0	0.1%	
42.0%	57.1	57.1	0.0	0.0%	
43.2%	57.0	57.1	0.0	0.0%	
44.4%	57.0	57.0	0.1	0.1%	
45.7%	57.0	57.0	0.0	0.1%	
46.9%	57.0	57.0	0.0	0.1%	
48.1%	56.9	57.0	0.1	0.1%	
49.4%	56.9	57.0	0.1	0.1%	
50.6%	56.9	56.9	0.0	0.1%	
51.9%	56.9	56.9	0.1	0.2%	
53.1%	56.8	56.9	0.0	0.1%	
54.3%	56.8	56.9	0.1	0.1%	
55.6%	56.8	56.8	0.1	0.1%	
56.8%	56.6	56.8	0.2	0.3%	
58.0%	56.6	56.8	0.2	0.3%	
59.3%	56.6	56.8	0.2	0.3%	
60.5%	56.6	56.8	0.2	0.3%	
61.7%	56.6	56.8	0.2	0.3%	
63.0%	56.6	56.8	0.2	0.3%	
64.2%	56.5	56.7	0.1	0.2%	
65.4%	56.5	56.6	0.1	0.1%	
66.7%	56.5	56.6	0.1	0.1%	
67.9%	56.4	56.6	0.2	0.3%	
69.1%	56.4	56.6	0.2	0.3%	
70.4%	56.3	56.5	0.2	0.3%	
71.6%	56.3	56.5	0.2	0.3%	
72.8%	56.2	56.5	0.3	0.5%	
74.1%	56.2	56.4	0.2	0.4%	
75.3%	56.2	56.4	0.2	0.4%	
76.5%	56.1	56.3	0.2	0.3%	
77.8%	56.1	56.3	0.1	0.3%	
79.0%	56.1	56.2	0.1	0.1%	
80.2%	56.1	56.2	0.1	0.1%	
81.5%	56.1	56.1	0.0	0.1%	
82.7%	56.1	56.1	0.1	0.1%	
84.0%	56.1	56.1	0.1	0.1%	
85.2%	56.0	56.1	0.0	0.1%	
86.4%	56.0	56.1	0.0	0.0%	
87.7%	56.0	56.0	0.0	0.0%	
88.9%	56.0	56.0	0.0	0.0%	
90.1%	55.9	55.9	0.1	0.1%	
91.4%	55.8	55.9	0.1	0.2%	
92.6%	55.6	55.8	0.2	0.3%	
93.8%	55.6	55.7	0.2	0.3%	
95.1%	55.3	55.7	0.3	0.6%	
96.3%	55.0	55.4	0.4	0.7%	
97.5%	55.0	55.3	0.3	0.6%	
98.8%	54.9	55.0	0.1	0.2%	
100.0%	54.8	54.8	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	63.6	62.8	-0.8	-1.2%	
1.2%	62.4	62.1	-0.3	-0.5%	
2.5%	61.8	61.5	-0.3	-0.5%	
3.7%	61.4	61.2	-0.1	-0.2%	
4.9%	61.3	60.7	-0.6	-1.0%	
6.2%	61.2	60.7	-0.5	-0.8%	
7.4%	61.0	60.5	-0.5	-0.8%	
8.6%	60.9	60.3	-0.6	-0.9%	
9.9%	60.2	60.3	0.0	0.1%	
11.1%	60.1	59.8	-0.4	-0.6%	
12.3%	60.0	59.6	-0.5	-0.8%	
13.6%	59.7	59.4	-0.3	-0.5%	
14.8%	59.6	59.4	-0.1	-0.3%	
16.0%	59.4	59.3	-0.1	-0.1%	
17.3%	59.4	59.1	-0.3	-0.4%	
18.5%	59.2	59.0	-0.2	-0.4%	
19.8%	59.0	58.9	-0.1	-0.2%	
21.0%	59.0	58.9	-0.1	-0.2%	
22.2%	58.9	58.9	-0.1	-0.1%	
23.5%	58.9	58.8	-0.1	-0.1%	
24.7%	58.7	58.8	0.1	0.2%	
25.9%	58.6	58.8	0.2	0.3%	
27.2%	58.5	58.8	0.2	0.3%	
28.4%	58.5	58.6	0.1	0.2%	
29.6%	58.5	58.5	0.0	0.0%	
30.9%	58.5	58.5	-0.1	-0.1%	
32.1%	58.5	58.4	-0.1	-0.2%	
33.3%	58.4	58.2	-0.2	-0.4%	
34.5%	58.3	58.2	-0.1	-0.2%	
35.8%	58.2	58.1	-0.1	-0.2%	
37.0%	58.1	58.1	-0.1	-0.1%	
38.3%	58.1	58.1	-0.1	-0.1%	
39.5%	58.1	58.1	0.0	0.0%	
40.7%	58.0	58.0	0.0	0.0%	
42.0%	58.0	58.0	0.0	0.0%	
43.2%	58.0	57.9	-0.1	-0.2%	
44.4%	57.9	57.8	-0.1	-0.1%	
45.7%	57.9	57.8	-0.1	-0.1%	
46.9%	57.7	57.8	0.1	0.2%	
48.1%	57.7	57.8	0.1	0.2%	
49.4%	57.6	57.6	0.1	0.2%	
50.6%	57.5	57.6	0.1	0.1%	
51.9%	57.4	57.5	0.1	0.3%	
53.1%	57.4	57.5	0.2	0.3%	
54.3%	57.2	57.5	0.2	0.4%	
55.6%	57.2	57.5	0.3	0.4%	
56.8%	57.2	57.4	0.3	0.4%	
58.0%	57.1	57.4	0.3	0.5%	
59.3%	57.1	57.3	0.2	0.4%	
60.5%	57.1	57.3	0.2	0.4%	
61.7%	57.0	57.2	0.2	0.3%	
63.0%	57.0	57.1	0.1	0.1%	
64.2%	57.0	57.1	0.1	0.1%	
65.4%	57.0	57.1	0.1	0.1%	
66.7%	56.9	57.0	0.1	0.2%	
67.9%	56.9	57.0	0.1	0.2%	
69.1%	56.8	57.0	0.2	0.3%	
70.4%	56.8	57.0	0.2	0.3%	
71.6%	56.8	56.9	0.2	0.3%	
72.8%	56.8	56.9	0.2	0.3%	
74.1%	56.7	56.9	0.2	0.3%	
75.3%	56.7	56.9	0.1	0.2%	
76.5%	56.7	56.9	0.2	0.3%	
77.8%	56.7	56.8	0.2	0.3%	
79.0%	56.7	56.8	0.2	0.3%	
80.2%	56.7	56.8	0.1	0.2%	
81.5%	56.6	56.7	0.1	0.2%	
82.7%	56.6	56.5	-0.1	-0.1%	
84.0%	56.6	56.4	-0.1	-0.3%	
85.2%	56.5	56.4	-0.1	-0.1%	
86.4%	56.4	56.3	-0.1	-0.3%	
87.7%	56.3	56.4	0.1	0.2%	
88.9%	56.3	56.2	-0.1	-0.2%	
90.1%	56.3	56.2	-0.1	-0.1%	
91.4%	56.1	56.2	0.1	0.2%	
92.6%	56.1	56.1	0.1	0.1%	
93.8%	55.9	55.8	0.0	-0.1%	
95.1%	55.8	55.8	0.0	0.0%	
96.3%	55.4	55.3	-0.1	-0.2%	
97.5%	55.8	55.6	-0.3	-0.5%	
98.8%	55.7	55.5	-0.2	-0.4%	
100.0%	55.6	55.2	-0.4	-0.7%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.6	66.6	-1.0	-1.5%	
1.2%	67.3	62.8	-4.5	-6.7%	
2.5%	66.3	62.5	-3.7	-5.6%	
3.7%	66.1	61.3	-4.7	-7.1%	
4.9%	62.6	60.9	-1.8	-2.8%	
6.2%	62.4	60.7	-1.7	-2.7%	
7.4%	61.9	60.3	-1.6	-2.6%	
8.6%	61.0	60.1	-0.9	-1.5%	
9.9%	60.7	60.1	-0.6	-1.0%	
11.1%	60.5	60.0	-0.4	-0.7%	
12.3%	60.4	59.8	-0.6	-0.9%	
13.6%	60.3	59.8	-0.5	-0.9%	
14.8%	60.1	59.7	-0.4	-0.6%	
16.0%	60.0	59.6	-0.5	-0.8%	
17.3%	59.8	59.6	-0.2	-0.3%	
18.5%	59.7	59.5	-0.2	-0.3%	
19.8%	59.6	59.4	-0.2	-0.4%	
21.0%	59.5	59.2	-0.3	-0.5%	
22.2%	59.3	59.2	-0.1	-0.2%	
23.5%	59.3	59.0	-0.3	-0.5%	
24.7%	59.2	59.0	-0.3	-0.4%	
25.9%	59.2	58.9	-0.3	-0.5%	
27.2%	59.1	58.9	-0.2	-0.4%	
28.4%	59.1	58.8	-0.3	-0.4%	
29.6%	58.9	58.7	-0.2	-0.3%	
30.9%	58.8	58.7	-0.2	-0.3%	
32.1%	58.8	58.7	-0.1	-0.2%	
33.3%	58.8	58.7	-0.1	-0.2%	
34.5%	58.6	58.6	-0.1	-0.1%	
35.8%	58.7	58.6	-0.1	-0.1%	
37.0%	58.6	58.6	0.0	0.0%	
38.3%	58.6	58.6	0.0	-0.1%	
39.5%	58.6	58.5	-0.1	-0.1%	
40.7%	58.6	58.5	-0.1	-0.2%	
42.0%	58.4	58.5	0.1	0.1%	
43.2%	58.4	58.4	0.1	0.2%	
44.4%	58.3	58.4	0.1	0.2%	
45.7%	58.3	58.4	0.1	0.2%	
46.9%	58.3	58.4	0.1	0.1%	
48.1%	58.3	58.3	0.0	0.0%	
49.4%	58.3	58.3	0.0	0.0%	
50.6%	58.2	58.2	0.0	-0.1%	
51.9%	58.3	58.2	-0.1	-0.1%	
53.1%	58.2	58.1	-0.1	-0.2%	
54.3%	58.2	58.1	-0.1	-0.1%	
55.6%	58.1	58.1	0.0	0.0%	
56.8%	58.1	58.1	0.0	0.1%	
58.0%	58.1	58.1	0.0	0.1%	
59.3%	58.0	58.1	0.1	0.2%	
60.5%	58.0	58.1	0.1	0.2%	
61.7%	58.0	58.0	0.1	0.1%	
63.0%	57.9	58.0	0.1	0.1%	
64.2%	57.9	58.0	0.0	0.1%	
65.4%	57.9	57.9	0.0	0.0%	
66.7%	57.9	57.9	0.0	0.0%	
67.9%	57.9	57.9	0.0	0.0%	
69.1%	57.9	57.9	0.0	0.0%	
70.4%	57.8	57.8	0.0	0.0%	
71.6%	57.8	57.8	-0.1	-0.1%	
72.8%	57.7	57.8	0.0	0.1%	
74.1%	57.7	57.7	-0.1	-0.1%	
75.3%	57.7	57.6	-0.1	-0.1%	
76.5%	57.7	57.6	-0.1	-0.1%	
77.8%	57.6	57.4	-0.2	-0.3%	
79.0%	57.5	57.4	-0.1	-0.2%	
80.2%	57.				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period¹												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative C	56.2	50.7	45.7	44.6	46.8	50.9	55.7	59.7	60.7	61.7	62.2	61.2
Difference	-0.2	-0.1	0.1	0.1	0.0	0.1	0.5	0.2	0.0	0.0	-0.2	-0.2
Percent Difference	-0.4%	-0.3%	0.3%	0.3%	0.1%	0.2%	0.8%	0.3%	0.1%	-0.1%	-0.3%	-0.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative C	55.6	51.2	45.9	44.8	46.4	49.7	53.9	58.8	60.3	62.1	62.1	59.0
Difference	-0.1	-0.1	0.3	0.1	0.0	0.1	0.1	-0.1	-0.3	0.1	0.2	0.0
Percent Difference	-0.3%	-0.1%	0.6%	0.2%	0.1%	0.1%	0.3%	-0.2%	-0.4%	0.2%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative C	55.5	50.5	46.2	44.9	46.8	50.9	55.7	60.0	60.5	60.7	62.2	61.0
Difference	-0.2	0.0	0.3	0.1	0.0	0.1	0.3	-0.2	0.2	-0.1	0.2	0.3
Percent Difference	-0.3%	0.0%	0.6%	0.3%	0.1%	0.1%	0.5%	-0.3%	0.3%	-0.2%	0.3%	0.4%
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative C	55.2	50.4	45.8	44.3	46.3	50.9	56.4	60.0	60.4	61.0	61.9	61.6
Difference	-0.3	-0.1	0.0	0.1	0.0	0.1	0.6	0.3	0.1	-0.2	0.2	-0.3
Percent Difference	-0.5%	-0.2%	0.0%	0.3%	0.1%	0.2%	1.0%	0.6%	0.2%	-0.3%	0.3%	-0.5%
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative C	56.5	50.8	45.5	44.4	47.0	51.7	56.8	59.7	61.0	61.3	61.8	62.3
Difference	-0.2	-0.2	0.0	0.3	0.0	0.1	0.6	0.4	0.3	0.1	-0.3	-0.4
Percent Difference	-0.4%	-0.5%	0.3%	0.3%	0.2%	0.2%	1.1%	0.7%	0.5%	0.1%	-0.5%	-0.7%
Critical (15%)												
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative C	58.7	50.3	44.9	44.4	47.9	52.3	56.8	60.6	61.5	63.2	63.3	64.2
Difference	-0.4	-0.3	0.1	0.1	0.1	1.0	0.8	0.1	-0.4	-1.7	-0.6	-0.6
Percent Difference	-0.7%	-0.5%	0.3%	0.3%	0.2%	1.7%	1.3%	0.2%	-0.7%	-2.7%	-0.9%	-0.9%

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

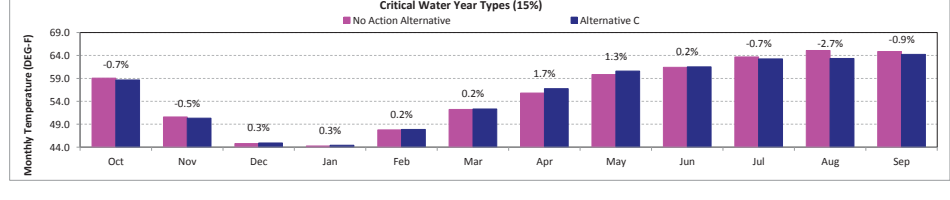
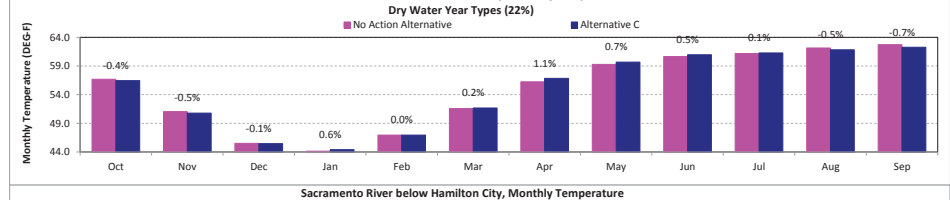
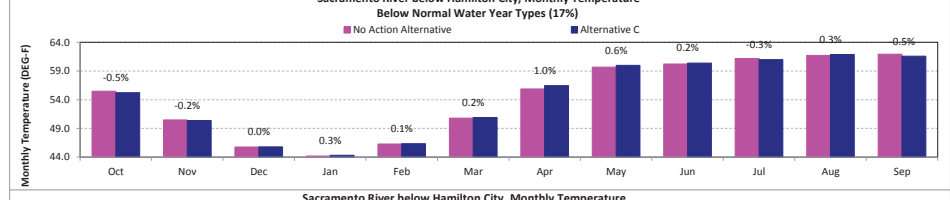
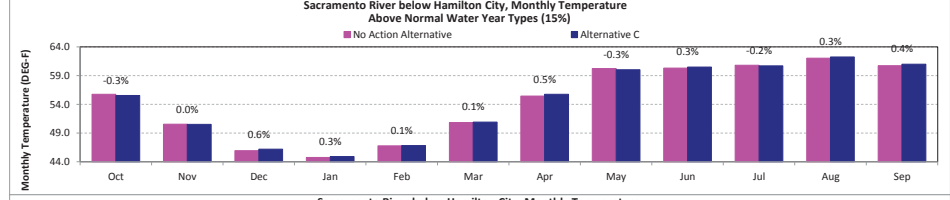
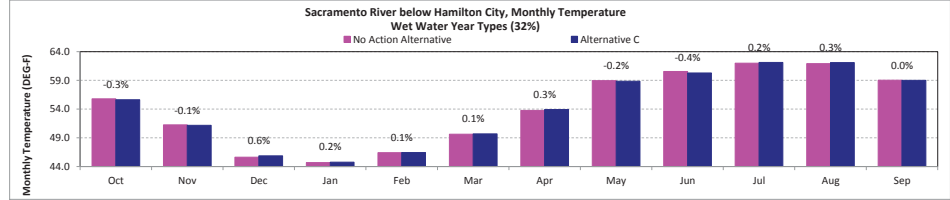
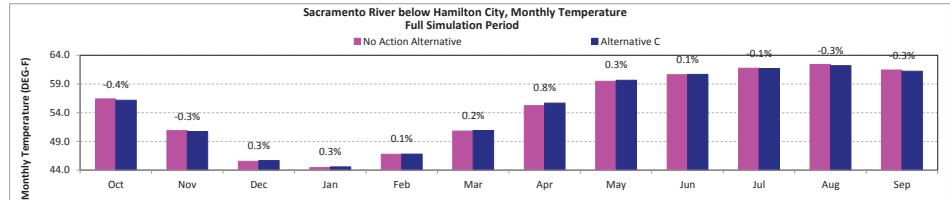


Figure SQ-08-7b
 Sacramento River below Hamilton City, Monthly Temperature
 Probability of Exceedance

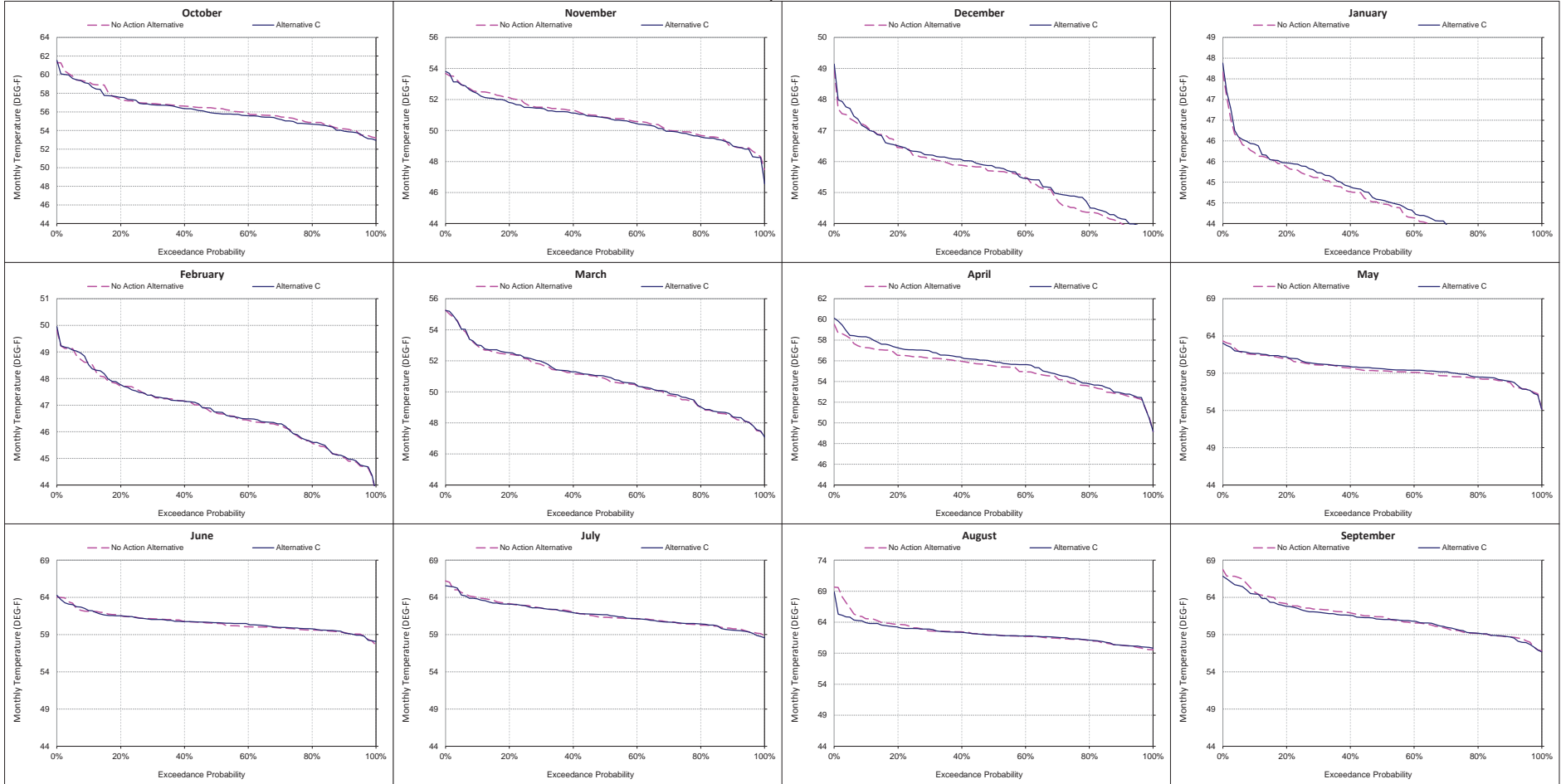


Table SQ-08-7b
Sacramento River below Hamilton City, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.3	61.5	0.2	0.4%	
1.2%	61.3	60.1	-1.2	-2.0%	
2.5%	60.4	60.0	-0.4	-0.6%	
3.7%	60.1	60.0	-0.1	-0.2%	
4.9%	59.8	59.6	-0.2	-0.4%	
6.2%	59.4	59.4	0.0	0.0%	
7.4%	59.4	59.4	0.0	0.0%	
8.6%	59.3	59.2	-0.2	-0.3%	
9.9%	59.3	59.1	-0.2	-0.4%	
11.1%	59.0	58.7	-0.3	-0.5%	
12.3%	58.9	58.5	-0.5	-0.8%	
13.6%	58.9	58.4	-0.5	-0.8%	
14.8%	58.9	57.8	-1.1	-1.9%	
16.0%	58.1	57.7	-0.4	-0.7%	
17.3%	57.7	57.7	0.0	0.0%	
18.5%	57.5	57.6	0.1	0.2%	
19.8%	57.4	57.6	0.2	0.3%	
21.0%	57.2	57.5	0.3	0.5%	
22.2%	57.2	57.3	0.2	0.3%	
23.5%	57.2	57.3	0.1	0.2%	
24.7%	57.0	57.2	0.2	0.4%	
25.9%	57.0	57.1	0.1	0.1%	
27.2%	57.0	56.9	-0.1	-0.2%	
28.4%	56.9	56.8	-0.1	-0.2%	
29.6%	56.9	56.8	-0.1	-0.2%	
30.9%	56.9	56.7	-0.1	-0.2%	
32.1%	56.8	56.7	-0.1	-0.2%	
33.3%	56.8	56.7	-0.1	-0.2%	
34.5%	56.8	56.7	-0.1	-0.2%	
35.8%	56.7	56.7	-0.1	-0.1%	
37.0%	56.7	56.6	-0.1	-0.3%	
38.3%	56.6	56.4	-0.2	-0.4%	
39.5%	56.6	56.4	-0.3	-0.4%	
40.7%	56.6	56.4	-0.2	-0.4%	
42.0%	56.5	56.3	-0.2	-0.4%	
43.2%	56.5	56.3	-0.3	-0.5%	
44.4%	56.5	56.1	-0.3	-0.6%	
45.7%	56.5	56.1	-0.4	-0.6%	
46.9%	56.5	56.0	-0.5	-0.8%	
48.1%	56.5	55.9	-0.5	-0.9%	
49.4%	56.4	55.9	-0.5	-0.9%	
50.6%	56.4	55.8	-0.5	-0.9%	
51.9%	56.3	55.8	-0.6	-1.0%	
53.1%	56.2	55.8	-0.4	-0.8%	
54.3%	56.2	55.8	-0.4	-0.7%	
55.6%	56.0	55.8	-0.3	-0.5%	
56.8%	56.0	55.7	-0.3	-0.5%	
58.0%	56.0	55.6	-0.4	-0.7%	
59.3%	56.0	55.6	-0.4	-0.7%	
60.5%	55.7	55.6	-0.1	-0.3%	
61.7%	55.7	55.6	-0.2	-0.3%	
63.0%	55.7	55.6	-0.2	-0.3%	
64.2%	55.7	55.5	-0.2	-0.4%	
65.4%	55.6	55.4	-0.2	-0.4%	
66.7%	55.6	55.4	-0.2	-0.4%	
67.9%	55.6	55.4	-0.2	-0.4%	
69.1%	55.6	55.3	-0.3	-0.5%	
70.4%	55.4	55.2	-0.3	-0.5%	
71.6%	55.4	55.0	-0.4	-0.7%	
72.8%	55.4	55.0	-0.3	-0.6%	
74.1%	55.3	55.0	-0.3	-0.6%	
75.3%	55.2	54.8	-0.4	-0.7%	
76.5%	55.1	54.8	-0.4	-0.6%	
77.8%	54.9	54.8	-0.2	-0.4%	
79.0%	54.9	54.7	-0.2	-0.3%	
80.2%	54.9	54.7	-0.2	-0.4%	
81.5%	54.9	54.6	-0.2	-0.4%	
82.7%	54.9	54.6	-0.3	-0.5%	
84.0%	54.7	54.5	-0.1	-0.2%	
85.2%	54.6	54.5	-0.1	-0.2%	
86.4%	54.4	54.4	0.0	-0.1%	
87.7%	54.3	54.0	-0.2	-0.4%	
88.9%	54.2	54.0	-0.2	-0.3%	
90.1%	54.2	53.9	-0.2	-0.5%	
91.4%	54.1	53.9	-0.2	-0.5%	
92.6%	54.0	53.8	-0.2	-0.3%	
93.8%	54.0	53.8	-0.2	-0.3%	
95.1%	53.5	53.6	0.1	0.2%	
96.3%	53.3	53.3	0.0	0.0%	
97.5%	53.4	53.1	-0.3	-0.6%	
98.8%	53.3	53.1	-0.2	-0.4%	
100.0%	53.2	53.0	-0.2	-0.5%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.7	53.8	0.1	0.2%	
1.2%	53.5	53.7	0.2	0.3%	
2.5%	53.5	53.1	-0.4	-0.7%	
3.7%	53.2	53.1	-0.1	-0.2%	
4.9%	53.0	53.0	0.0	0.0%	
6.2%	52.8	52.9	0.0	0.1%	
7.4%	52.7	52.6	-0.1	-0.2%	
8.6%	52.6	52.5	0.0	-0.1%	
9.9%	52.5	52.4	-0.1	-0.2%	
11.1%	52.5	52.2	-0.3	-0.5%	
12.3%	52.5	52.1	-0.4	-0.7%	
13.6%	52.4	52.1	-0.4	-0.7%	
14.8%	52.4	52.1	-0.3	-0.6%	
16.0%	52.3	52.0	-0.3	-0.5%	
17.3%	52.2	52.0	-0.2	-0.4%	
18.5%	52.2	52.0	-0.2	-0.4%	
19.8%	52.1	51.8	-0.3	-0.6%	
21.0%	52.0	51.8	-0.3	-0.5%	
22.2%	52.0	51.7	-0.3	-0.7%	
23.5%	52.0	51.6	-0.4	-0.7%	
24.7%	51.8	51.5	-0.3	-0.5%	
25.9%	51.6	51.5	-0.1	-0.1%	
27.2%	51.6	51.5	-0.1	-0.2%	
28.4%	51.5	51.4	-0.1	-0.1%	
29.6%	51.5	51.4	-0.1	-0.1%	
30.9%	51.5	51.4	-0.1	-0.2%	
32.1%	51.5	51.3	-0.2	-0.4%	
33.3%	51.4	51.3	-0.1	-0.3%	
34.5%	51.4	51.2	-0.2	-0.4%	
35.8%	51.4	51.2	-0.2	-0.3%	
37.0%	51.4	51.2	-0.2	-0.3%	
38.3%	51.3	51.2	-0.1	-0.2%	
39.5%	51.3	51.1	-0.2	-0.3%	
40.7%	51.3	51.1	-0.2	-0.3%	
42.0%	51.2	51.1	-0.1	-0.2%	
43.2%	51.1	51.0	0.0	0.0%	
44.4%	51.0	50.9	-0.1	-0.2%	
45.7%	51.0	50.9	-0.1	-0.1%	
46.9%	51.0	50.9	-0.1	-0.2%	
48.1%	50.9	50.9	0.0	-0.1%	
49.4%	50.9	50.8	0.0	0.0%	
50.6%	50.8	50.8	0.0	-0.1%	
51.9%	50.8	50.7	-0.1	-0.1%	
53.1%	50.8	50.7	-0.1	-0.2%	
54.3%	50.8	50.7	-0.1	-0.2%	
55.6%	50.8	50.6	-0.1	-0.2%	
56.8%	50.7	50.6	-0.1	-0.2%	
58.0%	50.6	50.5	-0.1	-0.2%	
59.3%	50.6	50.5	-0.1	-0.2%	
60.5%	50.6	50.4	-0.2	-0.3%	
61.7%	50.6	50.4	-0.2	-0.3%	
63.0%	50.5	50.4	-0.2	-0.3%	
64.2%	50.4	50.3	-0.1	-0.2%	
65.4%	50.4	50.3	-0.1	-0.3%	
66.7%	50.4	50.1	-0.2	-0.5%	
67.9%	50.2	50.1	-0.1	-0.2%	
69.1%	50.1	50.0	-0.1	-0.2%	
70.4%	50.0	49.9	-0.1	-0.1%	
71.6%	50.0	49.9	0.0	-0.1%	
72.8%	50.0	49.9	-0.1	-0.1%	
74.1%	49.9	49.8	-0.1	-0.2%	
75.3%	49.9	49.8	-0.1	-0.2%	
76.5%	49.9	49.7	-0.2	-0.4%	
77.8%	49.8	49.7	-0.2	-0.3%	
79.0%	49.7	49.6	-0.1	-0.2%	
80.2%	49.7	49.6	-0.1	-0.2%	
81.5%	49.7	49.5	-0.1	-0.3%	
82.7%	49.6	49.5	-0.1	-0.2%	
84.0%	49.6	49.5	-0.1	-0.2%	
85.2%	49.6	49.4	-0.1	-0.3%	
86.4%	49.5	49.4	-0.1	-0.2%	
87.7%	49.2	49.2	0.0	-0.1%	
88.9%	49.0	49.2	0.2	0.4%	
90.1%	49.0	49.0	0.0	0.0%	
91.4%	48.9	48.9	0.0	0.1%	
92.6%	48.9	48.9	0.0	0.0%	
93.8%	48.9	48.8	-0.1	-0.2%	
95.1%	48.9	48.8	-0.1	-0.2%	
96.3%	48.7	48.3	-0.4	-0.7%	
97.5%	48.5	48.3	-0.2	-0.5%	
98.8%	48.3	48.3	-0.1	-0.1%	
100.0%	47.5	46.6	-0.9	-1.9%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	49.0	49.1	0.2	0.3%	
1.2%	47.7	48.0	0.3	0.6%	
2.5%	47.5	47.9	0.4	0.8%	
3.7%	47.8	47.8	0.2	0.5%	
4.9%	47.4	47.7	0.3	0.7%	
6.2%	47.3	47.5	0.1	0.3%	
7.4%	47.2	47.4	0.1	0.3%	
8.6%	47.2	47.2	-0.1	-0.1%	
9.9%	47.2	47.1	-0.1	-0.1%	
11.1%	47.0	47.0	0.0	0.0%	
12.3%	47.0	47.0	0.0	-0.1%	
13.6%	46.9	46.9	0.0	0.0%	
14.8%	46.9	46.8	0.0	-0.1%	
16.0%	46.9	46.6	-0.2	-0.5%	
17.3%	46.7	46.6	-0.2	-0.4%	
18.5%	46.7	46.7	-0.2	-0.4%	
19.8%	46.5	46.5	0.1	0.1%	
21.0%	46.4	46.5	0.0	0.1%	
22.2%	46.4	46.4	0.0	0.1%	
23.5%	46.4	46.4	0.0	-0.1%	
24.7%	46.2	46.3	0.1	0.3%	
25.9%	46.2	46.2	0.1	0.3%	
27.2%	46.1	46.3	0.2	0.3%	
28.4%	46.1	46.2	0.1	0.2%	
29.6%	46.1	46.2	0.1	0.3%	
30.9%	46.1	46.2	0.1	0.3%	
32.1%	46.0	46.2	0.1	0.3%	
33.3%	46.0	46.1	0.1	0.3%	
34.5%	46.0	46.1	0.2	0.3%	
35.8%	45.9	46.1	0.2	0.4%	
37.0%	45.9	46.1	0.2	0.4%	
38.3%	45.9	46.1	0.2	0.4%	
39.5%	45.9	46.1	0.2	0.4%	
40.7%	45.9	46.0	0.2	0.3%	
42.0%	45.9	46.0	0.2	0.4%	
43.2%	45.8	46.0	0.2	0.4%	
44.4%	45.8	45.9	0.1	0.3%	
45.7%	45.8	45.9	0.1	0.2%	
46.9%	45.8	45.9	0.1	0.1%	
48.1%	45.7	45.9	0.2	0.4%	
49.4%	45.7	45.9	0.2	0.4%	
50.6%	45.7	45.8	0.1	0.3%	
51.9%	45.7	45.8	0.1	0.3%	
53.1%	45.7	45.8	0.1	0.2%	
54.3%	45.6	45.7	0.1	0.1%	
55.6%	45.6	45.7	0.0	0.1%	
56.8%	45.6	45.7	0.1	0.2%	
58.0%	45.6	45.5	-0.1	-0.2%	
59.3%	45.5	45.5	0.0	-0.1%	
60.5%	45.5	45.4	0.0	0.0%	
61.7%	45.3	45.4	0.1	0.2%	
63.0%	45.3	45.4	0.1	0.3%	
64.2%	45.2	45.4	0.2	0.5%	
65.4%	45.1	45.2	0.0	0.1%	
66.7%	45.1	45.2	0.1	0.2%	
67.9%	45.1	45.2	0.1	0.1%	
69.1%	44.9	45.0	0.1	0.3%	
70.4%	44.7	45.0	0.3	0.6%	
71.6%	44.6	44.9	0.3	0.8%	
72.8%	44.6	44.9	0.3	0.8%	
74.1%	44.5	44.9	0.4	0.8%	
75.3%	44.5	44.9	0.4	0.8%	
76.5%	44.4	44.8	0.4	0.9%	
77.8%	44.4	44.8	0.5	1.0%	
79.0%	44.4	44.7	0.3	0.8%	
80.2%	44.4				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	49.8	50.0	0.1	0.3%	
1.2%	49.2	49.2	0.0	0.0%	
2.5%	49.1	49.2	0.1	0.1%	
3.7%	49.1	49.2	0.0	0.1%	
4.9%	49.1	49.1	-0.1	-0.1%	
6.2%	48.9	49.0	0.2	0.3%	
7.4%	48.7	49.0	0.2	0.5%	
8.6%	48.6	48.8	0.2	0.5%	
9.9%	48.6	48.5	-0.1	-0.2%	
11.1%	48.5	48.4	-0.2	-0.3%	
12.3%	48.2	48.3	0.1	0.1%	
13.6%	48.1	48.3	0.2	0.4%	
14.8%	48.1	48.2	0.1	0.2%	
16.0%	47.9	48.0	0.1	0.2%	
17.3%	47.9	47.9	0.0	0.1%	
18.5%	47.8	47.9	0.1	0.1%	
19.8%	47.7	47.8	0.1	0.1%	
21.0%	47.7	47.7	0.0	0.0%	
22.2%	47.7	47.7	0.0	-0.1%	
23.5%	47.7	47.6	-0.1	-0.2%	
24.7%	47.6	47.5	-0.1	-0.2%	
25.9%	47.5	47.5	0.0	-0.1%	
27.2%	47.4	47.5	0.0	0.1%	
28.4%	47.4	47.4	0.0	-0.1%	
29.6%	47.4	47.4	0.0	0.0%	
30.9%	47.3	47.3	0.0	0.1%	
32.1%	47.3	47.3	0.0	0.1%	
33.3%	47.2	47.3	0.0	0.0%	
34.5%	47.2	47.3	0.0	0.0%	
35.8%	47.2	47.2	-0.1	-0.1%	
37.0%	47.2	47.2	0.0	-0.1%	
38.3%	47.2	47.2	0.0	0.0%	
39.5%	47.2	47.2	0.0	0.0%	
40.7%	47.1	47.1	0.0	0.0%	
42.0%	47.1	47.1	0.0	-0.1%	
43.2%	47.0	47.1	0.1	0.2%	
44.4%	47.0	47.0	0.0	0.1%	
45.7%	46.9	46.9	0.0	-0.1%	
46.9%	46.9	46.9	0.0	0.1%	
48.1%	46.8	46.9	0.1	0.3%	
49.4%	46.7	46.7	0.0	0.0%	
50.6%	46.7	46.7	0.1	0.1%	
51.9%	46.7	46.7	0.1	0.1%	
53.1%	46.7	46.6	0.0	-0.1%	
54.3%	46.6	46.6	0.0	0.0%	
55.6%	46.6	46.6	0.0	0.0%	
56.8%	46.5	46.5	0.1	0.1%	
58.0%	46.5	46.5	0.0	0.1%	
59.3%	46.4	46.5	0.0	0.1%	
60.5%	46.4	46.5	0.1	0.2%	
61.7%	46.4	46.5	0.1	0.2%	
63.0%	46.4	46.5	0.1	0.2%	
64.2%	46.3	46.4	0.0	0.1%	
65.4%	46.3	46.4	0.0	0.1%	
66.7%	46.3	46.4	0.0	0.1%	
67.9%	46.3	46.3	0.0	0.1%	
69.1%	46.2	46.3	0.0	0.1%	
70.4%	46.2	46.3	0.1	0.1%	
71.6%	46.1	46.2	0.1	0.1%	
72.8%	46.1	46.1	0.0	-0.1%	
74.1%	45.9	45.9	0.0	0.0%	
75.3%	45.8	45.9	0.0	0.1%	
76.5%	45.7	45.8	0.0	0.1%	
77.8%	45.7	45.7	0.0	0.1%	
79.0%	45.7	45.7	0.0	0.0%	
80.2%	45.6	45.6	0.0	0.1%	
81.5%	45.5	45.6	0.1	0.2%	
82.7%	45.5	45.5	0.1	0.2%	
84.0%	45.4	45.5	0.1	0.1%	
85.2%	45.3	45.3	0.0	0.0%	
86.4%	45.2	45.2	0.0	0.0%	
87.7%	45.2	45.1	-0.1	-0.1%	
88.9%	45.1	45.1	0.0	0.1%	
90.1%	45.0	45.1	0.0	0.1%	
91.4%	44.9	45.0	0.1	0.2%	
92.6%	44.9	45.0	0.1	0.2%	
93.8%	44.9	44.9	0.0	0.1%	
95.1%	44.7	44.8	0.0	0.1%	
96.3%	44.7	44.7	0.0	0.1%	
97.5%	44.6	44.7	0.0	0.1%	
98.8%	44.3	44.3	0.0	0.1%	
100.0%	43.7	43.7	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	55.3	55.2	0.0	0.0%	
1.2%	55.0	55.2	0.2	0.3%	
2.5%	54.8	54.9	0.1	0.2%	
3.7%	54.8	54.5	0.0	-0.1%	
4.9%	54.1	54.0	0.0	0.0%	
6.2%	53.9	54.0	0.2	0.3%	
7.4%	53.5	53.4	-0.1	-0.2%	
8.6%	53.2	53.3	0.0	0.1%	
9.9%	53.0	53.0	0.0	0.1%	
11.1%	52.8	53.0	0.2	0.4%	
12.3%	52.7	52.8	0.1	0.1%	
13.6%	52.7	52.7	0.0	0.1%	
14.8%	52.6	52.7	0.1	0.3%	
16.0%	52.5	52.7	0.2	0.3%	
17.3%	52.5	52.6	0.1	0.3%	
18.5%	52.4	52.6	0.1	0.2%	
19.8%	52.4	52.5	0.1	0.2%	
21.0%	52.4	52.5	0.0	0.2%	
22.2%	52.4	52.4	0.0	0.1%	
23.5%	52.3	52.4	0.0	0.1%	
24.7%	52.1	52.2	0.1	0.1%	
25.9%	52.1	52.1	0.0	0.1%	
27.2%	51.9	52.1	0.2	0.5%	
28.4%	51.8	52.0	0.2	0.4%	
29.6%	51.8	52.0	0.2	0.4%	
30.9%	51.7	51.9	0.2	0.4%	
32.1%	51.6	51.8	0.1	0.3%	
33.3%	51.4	51.6	0.1	0.3%	
34.5%	51.4	51.4	0.0	0.0%	
35.8%	51.4	51.4	0.0	0.0%	
37.0%	51.3	51.4	0.1	0.1%	
38.3%	51.2	51.4	0.1	0.2%	
39.5%	51.2	51.3	0.1	0.1%	
40.7%	51.1	51.3	0.1	0.3%	
42.0%	51.1	51.2	0.1	0.2%	
43.2%	51.1	51.1	0.0	0.0%	
44.4%	51.1	51.1	0.0	0.1%	
45.7%	51.0	51.1	0.1	0.1%	
46.9%	51.0	51.1	0.0	0.1%	
48.1%	50.9	51.0	0.1	0.3%	
49.4%	50.9	51.0	0.1	0.3%	
50.6%	50.8	51.0	0.2	0.3%	
51.9%	50.6	50.9	0.3	0.5%	
53.1%	50.6	50.8	0.2	0.3%	
54.3%	50.6	50.7	0.2	0.3%	
55.6%	50.5	50.6	0.1	0.2%	
56.8%	50.5	50.6	0.1	0.1%	
58.0%	50.5	50.6	0.1	0.2%	
59.3%	50.5	50.5	0.1	0.1%	
60.5%	50.3	50.3	0.0	0.1%	
61.7%	50.3	50.3	0.0	0.0%	
63.0%	50.2	50.3	0.1	0.2%	
64.2%	50.2	50.2	0.0	0.1%	
65.4%	50.1	50.1	0.0	0.1%	
66.7%	50.1	50.1	0.0	0.0%	
67.9%	50.0	50.1	0.0	0.1%	
69.1%	49.8	50.0	0.2	0.5%	
70.4%	49.8	49.9	0.1	0.2%	
71.6%	49.7	49.8	0.1	0.2%	
72.8%	49.7	49.8	0.1	0.2%	
74.1%	49.5	49.7	0.2	0.4%	
75.3%	49.5	49.6	0.1	0.3%	
76.5%	49.4	49.5	0.1	0.2%	
77.8%	49.4	49.5	0.1	0.1%	
79.0%	49.1	49.1	0.0	0.0%	
80.2%	49.0	49.0	0.0	0.0%	
81.5%	48.8	48.9	0.0	0.1%	
82.7%	48.8	48.9	0.0	0.1%	
84.0%	48.7	48.8	0.0	0.0%	
85.2%	48.6	48.7	0.1	0.1%	
86.4%	48.6	48.7	0.1	0.2%	
87.7%	48.5	48.7	0.1	0.2%	
88.9%	48.5	48.6	0.1	0.3%	
90.1%	48.4	48.4	0.0	0.1%	
91.4%	48.2	48.4	0.1	0.3%	
92.6%	48.2	48.3	0.2	0.4%	
93.8%	48.1	48.1	0.0	0.0%	
95.1%	48.0	48.0	0.0	0.0%	
96.3%	47.8	48.2	0.1	0.2%	
97.5%	47.5	47.6	0.1	0.1%	
98.8%	47.5	47.5	0.0	0.0%	
100.0%	47.1	47.1	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.5	60.1	0.6	1.0%	
1.2%	58.7	59.9	1.2	2.0%	
2.5%	58.6	59.5	0.8	1.4%	
3.7%	58.5	58.9	0.5	0.9%	
4.9%	58.2	58.5	0.3	0.5%	
6.2%	57.7	58.4	0.8	1.3%	
7.4%	57.5	58.4	0.9	1.6%	
8.6%	57.3	58.3	1.0	1.8%	
9.9%	57.3	58.3	1.1	1.8%	
11.1%	57.3	58.2	1.0	1.7%	
12.3%	57.1	58.0	0.9	1.5%	
13.6%	57.1	57.8	0.7	1.3%	
14.8%	57.1	57.6	0.5	1.0%	
16.0%	57.0	57.6	0.6	1.0%	
17.3%	57.0	57.5	0.5	0.9%	
18.5%	56.9	57.4	0.5	0.9%	
19.8%	56.5	57.3	0.7	1.3%	
21.0%	56.5	57.2	0.6	1.1%	
22.2%	56.5	57.1	0.6	1.1%	
23.5%	56.5	57.1	0.6	1.1%	
24.7%	56.4	57.1	0.7	1.2%	
25.9%	56.4	57.1	0.7	1.2%	
27.2%	56.4	57.0	0.7	1.2%	
28.4%	56.3	57.0	0.7	1.3%	
29.6%	56.3	57.0	0.7	1.3%	
30.9%	56.2	56.8	0.6	1.0%	
32.1%	56.2	56.7	0.5	0.9%	
33.3%	56.2	56.6	0.4	0.6%	
34.5%	56.2	56.3	0.1	0.2%	
35.8%	56.1	56.5	0.4	0.8%	
37.0%	56.1	56.5	0.4	0.7%	
38.3%	56.0	56.4	0.4	0.7%	
39.5%	56.0	56.4	0.4	0.7%	
40.7%	55.9	56.2	0.3	0.6%	
42.0%	55.9	56.2	0.4	0.6%	
43.2%	55.8	56.2	0.4	0.7%	
44.4%	55.7	56.1	0.4	0.7%	
45.7%	55.7	56.1	0.4	0.7%	
46.9%	55.7	56.1	0.4	0.7%	
48.1%	55.6	56.0	0.5	0.8%	
49.4%	55.6	55.9	0.4	0.7%	
50.6%	55.5	55.9	0.4	0.7%	
51.9%	55.4	55.9	0.5	0.8%	
53.1%	55.4	55.7	0.3	0.6%	
54.3%	55.4	55.7	0.3	0.6%	
55.6%	55.4	55.7	0.3	0.5%	
56.8%	55.3	55.7	0.3	0.6%	
58.0%	55.0	55.6	0.7	1.2%	
59.3%	55.0	55.6	0.7	1.2%	
60.5%	54.9	55.6	0.7	1.3%	
61.7%	54.9	55.6	0.7	1.2%	
63.0%	54.8	55.3	0.5	1.0%	
64.2%	54.7	55.3	0.6	1.1%	
65.4%	54.6	55.0	0.4	0.7%	
66.7%	54.6	54.9	0.4	0.7%	
67.9%	54.5	54.8	0.3	0.6%	
69.1%	54.5	54.8	0.2	0.4%	
70.4%	54.2	54.6	0.4	0.8%	
71.6%	54.2	54.5	0.4	0.7%	
72.8%	54.1	54.5	0.4	0.8%	
74.1%	53.8	54.4	0.5	1.0%	
75.3%	53.8	54.3	0.5	0.9%	
76.5%	53.7	54.1	0.4	0.7%	
77.8%	53.6	53.9	0.2	0.4%	
79.0%	53.6	53.8	0.2	0.4%	
80.2%	53.5				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	64.0	64.3	0.2	0.4%	
1.2%	64.0	63.7	-0.3	-0.4%	
2.5%	63.9	63.3	-0.7	-1.0%	
3.7%	63.4	63.1	-0.3	-0.5%	
4.9%	63.2	63.0	-0.2	-0.3%	
6.2%	62.5	62.7	0.3	0.4%	
7.4%	62.3	62.7	0.4	0.7%	
8.6%	62.2	62.5	0.4	0.6%	
9.9%	62.1	62.2	0.1	0.2%	
11.1%	62.1	62.2	0.1	0.1%	
12.3%	62.1	62.0	-0.1	-0.2%	
13.6%	62.0	61.7	-0.3	-0.4%	
14.8%	62.0	61.6	-0.3	-0.6%	
16.0%	61.8	61.6	-0.2	-0.2%	
17.3%	61.7	61.6	-0.1	-0.2%	
18.5%	61.7	61.5	-0.1	-0.2%	
19.8%	61.6	61.5	0.0	-0.1%	
21.0%	61.4	61.5	0.1	0.1%	
22.2%	61.4	61.4	0.0	0.0%	
23.5%	61.4	61.4	0.0	0.0%	
24.7%	61.3	61.3	-0.1	-0.1%	
25.9%	61.2	61.2	0.0	0.0%	
27.2%	61.2	61.2	0.0	0.0%	
28.4%	61.1	61.1	-0.1	-0.1%	
29.6%	61.1	61.0	-0.1	-0.2%	
30.9%	61.1	61.0	-0.1	-0.1%	
32.1%	61.1	61.0	-0.1	-0.1%	
33.3%	61.0	61.0	0.0	0.0%	
34.5%	61.0	60.9	-0.1	-0.1%	
35.8%	61.0	60.9	-0.1	-0.2%	
37.0%	61.0	60.8	-0.2	-0.3%	
38.3%	61.0	60.8	-0.2	-0.3%	
39.5%	60.8	60.8	0.0	-0.1%	
40.7%	60.8	60.7	0.0	-0.1%	
42.0%	60.7	60.7	0.0	0.0%	
43.2%	60.7	60.7	0.0	0.0%	
44.4%	60.7	60.7	0.0	0.1%	
45.7%	60.6	60.7	0.0	0.1%	
46.9%	60.6	60.7	0.1	0.1%	
48.1%	60.6	60.7	0.1	0.2%	
49.4%	60.5	60.6	0.1	0.2%	
50.6%	60.5	60.6	0.1	0.2%	
51.9%	60.5	60.6	0.1	0.2%	
53.1%	60.2	60.5	0.3	0.5%	
54.3%	60.2	60.5	0.3	0.5%	
55.6%	60.2	60.5	0.3	0.5%	
56.8%	60.2	60.5	0.3	0.5%	
58.0%	60.1	60.5	0.4	0.7%	
59.3%	60.1	60.5	0.4	0.7%	
60.5%	60.0	60.3	0.3	0.5%	
61.7%	60.0	60.3	0.3	0.5%	
63.0%	60.0	60.3	0.3	0.4%	
64.2%	60.0	60.3	0.2	0.4%	
65.4%	60.0	60.2	0.2	0.3%	
66.7%	60.0	60.1	0.1	0.2%	
67.9%	60.0	60.1	0.1	0.2%	
69.1%	59.9	60.0	0.0	0.1%	
70.4%	59.9	60.0	0.1	0.1%	
71.6%	59.9	59.9	0.1	0.1%	
72.8%	59.8	59.9	0.1	0.1%	
74.1%	59.8	59.9	0.1	0.2%	
75.3%	59.7	59.9	0.2	0.3%	
76.5%	59.7	59.8	0.2	0.3%	
77.8%	59.6	59.8	0.2	0.3%	
79.0%	59.6	59.8	0.2	0.3%	
80.2%	59.6	59.8	0.2	0.3%	
81.5%	59.6	59.7	0.1	0.1%	
82.7%	59.6	59.6	0.0	0.1%	
84.0%	59.5	59.6	0.1	0.1%	
85.2%	59.5	59.6	0.1	0.2%	
86.4%	59.4	59.5	0.1	0.2%	
87.7%	59.4	59.5	0.1	0.2%	
88.9%	59.3	59.5	0.2	0.3%	
90.1%	59.3	59.2	-0.1	-0.1%	
91.4%	59.1	59.2	0.0	0.0%	
92.6%	59.1	59.1	0.0	-0.1%	
93.8%	59.1	59.9	-0.1	-0.2%	
95.1%	59.1	59.9	-0.1	-0.2%	
96.3%	58.9	59.8	0.1	0.0%	
97.5%	58.4	59.3	-0.1	-0.2%	
98.8%	58.1	58.2	0.0	0.1%	
100.0%	57.6	58.1	0.5	0.8%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.2	65.6	-0.7	-1.0%	
1.2%	66.0	65.5	-0.6	-0.8%	
2.5%	65.7	65.4	0.4	0.6%	
3.7%	65.0	65.2	0.2	0.4%	
4.9%	64.7	64.3	-0.4	-0.5%	
6.2%	64.5	64.2	-0.3	-0.4%	
7.4%	64.2	63.9	-0.3	-0.5%	
8.6%	64.1	63.9	-0.2	-0.4%	
9.9%	64.0	63.8	-0.2	-0.3%	
11.1%	63.9	63.6	-0.2	-0.4%	
12.3%	63.8	63.6	-0.3	-0.4%	
13.6%	63.7	63.4	-0.3	-0.5%	
14.8%	63.6	63.2	-0.4	-0.6%	
16.0%	63.4	63.2	-0.2	-0.3%	
17.3%	63.3	63.1	-0.2	-0.3%	
18.5%	63.2	63.1	-0.1	-0.1%	
19.8%	63.2	63.1	0.0	-0.1%	
21.0%	63.1	63.1	0.0	0.0%	
22.2%	63.0	63.1	0.1	0.1%	
23.5%	62.9	63.0	0.0	0.0%	
24.7%	62.9	62.9	0.0	0.0%	
25.9%	62.9	62.9	-0.1	-0.2%	
27.2%	62.7	62.6	-0.1	-0.2%	
28.4%	62.7	62.6	-0.1	-0.1%	
29.6%	62.6	62.6	0.0	0.0%	
30.9%	62.5	62.5	0.0	0.0%	
32.1%	62.4	62.4	0.0	0.0%	
33.3%	62.4	62.4	0.0	0.0%	
34.5%	62.4	62.4	0.0	0.0%	
35.8%	62.3	62.2	-0.1	-0.1%	
37.0%	62.3	62.2	-0.1	-0.2%	
38.3%	62.2	62.1	-0.2	-0.3%	
39.5%	62.1	62.0	-0.1	-0.2%	
40.7%	61.9	61.9	-0.1	-0.1%	
42.0%	61.9	61.8	0.0	0.0%	
43.2%	61.8	61.8	0.0	0.0%	
44.4%	61.6	61.8	0.2	0.3%	
45.7%	61.6	61.8	0.2	0.3%	
46.9%	61.5	61.7	0.2	0.4%	
48.1%	61.3	61.7	0.4	0.6%	
49.4%	61.3	61.7	0.3	0.5%	
50.6%	61.3	61.7	0.3	0.5%	
51.9%	61.3	61.5	0.3	0.4%	
53.1%	61.2	61.5	0.3	0.4%	
54.3%	61.2	61.4	0.2	0.3%	
55.6%	61.2	61.4	0.2	0.3%	
56.8%	61.2	61.2	0.0	0.1%	
58.0%	61.1	61.2	0.0	0.1%	
59.3%	61.1	61.2	0.0	0.0%	
60.5%	61.1	61.1	0.0	0.0%	
61.7%	61.1	61.1	0.0	0.0%	
63.0%	61.1	61.0	-0.1	-0.1%	
64.2%	61.0	60.9	-0.1	-0.2%	
65.4%	61.0	60.9	-0.1	-0.1%	
66.7%	60.9	60.8	-0.1	-0.1%	
67.9%	60.8	60.8	-0.1	-0.1%	
69.1%	60.7	60.7	-0.1	-0.1%	
70.4%	60.7	60.7	0.0	0.0%	
71.6%	60.7	60.7	0.0	-0.1%	
72.8%	60.6	60.6	0.1	0.2%	
74.1%	60.5	60.5	0.0	0.1%	
75.3%	60.4	60.5	0.1	0.1%	
76.5%	60.4	60.5	0.1	0.1%	
77.8%	60.4	60.5	0.1	0.2%	
79.0%	60.4	60.4	0.1	0.1%	
80.2%	60.3	60.4	0.1	0.2%	
81.5%	60.3	60.4	0.1	0.2%	
82.7%	60.2	60.3	0.1	0.1%	
84.0%	60.1	60.3	0.1	0.2%	
85.2%	60.1	60.2	0.0	0.1%	
86.4%	60.0	59.8	-0.2	-0.3%	
87.7%	60.1	59.7	-0.2	-0.3%	
88.9%	59.9	59.6	-0.2	-0.4%	
90.1%	59.8	59.6	-0.2	-0.3%	
91.4%	59.8	59.6	-0.2	-0.3%	
92.6%	59.7	59.5	-0.2	-0.4%	
93.8%	59.5	59.4	-0.1	-0.1%	
95.1%	59.4	59.3	0.0	0.0%	
96.3%	59.3	59.2	-0.2	-0.3%	
97.5%	59.2	58.9	-0.3	-0.5%	
98.8%	59.1	58.7	-0.4	-0.7%	
100.0%	58.8	58.6	-0.3	-0.5%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	69.7	68.9	-0.8	-1.1%	
1.2%	69.6	65.3	-4.3	-6.2%	
2.5%	68.1	65.1	-3.0	-4.4%	
3.7%	67.2	64.9	-2.3	-3.4%	
4.9%	66.3	64.8	-1.4	-2.2%	
6.2%	65.3	64.4	-1.0	-1.5%	
7.4%	65.0	64.3	-0.7	-1.1%	
8.6%	64.9	64.2	-0.7	-1.1%	
9.9%	64.6	63.9	-0.6	-1.0%	
11.1%	64.5	63.8	-0.7	-1.2%	
12.3%	64.5	63.8	-0.7	-1.1%	
13.6%	64.2	63.8	-0.5	-0.7%	
14.8%	64.0	63.5	-0.4	-0.7%	
16.0%	63.9	63.4	-0.4	-0.7%	
17.3%	63.8	63.4	-0.5	-0.7%	
18.5%	63.7	63.3	-0.4	-0.7%	
19.8%	63.7	63.2	-0.4	-0.7%	
21.0%	63.6	63.0	-0.6	-1.0%	
22.2%	63.6	63.0	-0.6	-0.9%	
23.5%	63.4	63.0	-0.4	-0.6%	
24.7%	63.1	63.0	-0.1	-0.2%	
25.9%	63.1	63.1	0.0	-0.1%	
27.2%	63.0	62.9	-0.1	-0.1%	
28.4%	62.8	62.9	0.1	0.2%	
29.6%	62.6	62.9	0.3	0.5%	
30.9%	62.6	62.8	0.2	0.4%	
32.1%	62.6	62.6	0.0	0.1%	
33.3%	62.5	62.5	0.0	-0.1%	
34.5%	62.5	62.4	-0.1	-0.1%	
35.8%	62.5	62.4	-0.1	-0.2%	
37.0%	62.5	62.4	-0.1	-0.1%	
38.3%	62.5	62.4	-0.1	-0.1%	
39.5%	62.4	62.4	-0.1	-0.1%	
40.7%	62.4	62.4	-0.1	-0.1%	
42.0%	62.4	62.3	-0.1	-0.2%	
43.2%	62.2	62.2	0.0	0.1%	
44.4%	62.2	62.1	-0.1	-0.1%	
45.7%	62.1	62.1	0.0	-0.1%	
46.9%	62.1	62.0	-0.1	-0.2%	
48.1%	61.9	62.0	0.0	0.1%	
49.4%	61.9	62.0	0.0	0.1%	
50.6%	61.9	61.9	0.0	0.0%	
51.9%	61.9	61.9	0.0	-0.1%	
53.1%	61.8	61.8	0.0	0.0%	
54.3%	61.8	61.8	0.0	0.1%	
55.6%	61.8	61.8	0.1	0.1%	
56.8%	61.8	61.8	0.1	0.1%	
58.0%	61.8	61.8	0.1	0.1%	
59.3%	61.7	61.8	0.1	0.1%	
60.5%	61.7	61.8	0.1	0.1%	
61.7%	61.7	61.8	0.1	0.1%	
63.0%	61.7	61.7	0.0	0.1%	
64.2%	61.7	61.7	0.0	0.0%	
65.4%	61.6	61.7	0.1	0.2%	
66.7%	61.5	61.6	0.2	0.3%	
67.9%	61.5	61.6	0.2	0.3%	
69.1%	61.5	61.5	0.1	0.2%	
70.4%	61.4	61.6	0.2	0.3%	
71.6%	61.3	61.5	0.2	0.3%	
72.8%	61.3	61.5	0.2	0.3%	
74.1%	61.3	61.3	0.0	0.1%	
75.3%	61.2	61.3	0.1	0.1%	
76.5%	61.2	61.3	0.1	0.1%	
77.8%	61.2	61.2	0.0	0.0%	
79.0%	61.1	61.2	0.1	0.1%	
80.2%	61.0				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative C	57.1	50.8	45.4	44.5	47.0	51.5	57.1	62.1	63.6	65.0	65.5	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	-0.3	-0.5	-0.2	-0.2
Percent Difference ²	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.8%	0.3%	-0.5%	-0.7%	-0.4%	-0.2%
Water Year Types²												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
Alternative C	56.5	51.2	45.5	44.7	46.6	50.2	54.9	60.9	63.2	65.6	65.6	60.9
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.2	0.0	-0.6	-0.2	0.2	0.0
Percent Difference	-0.2%	-0.1%	0.3%	0.0%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative C	56.7	50.6	45.8	44.8	46.9	51.4	57.1	62.6	63.6	64.1	65.6	63.1
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.4	-0.1	-0.4	-0.6	0.1	0.3
Percent Difference	-0.2%	-0.1%	0.3%	0.1%	-0.1%	0.2%	0.7%	-0.1%	-0.6%	-1.0%	0.2%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative C	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.5	64.2	65.2	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.2	0.6	0.4	-0.2	-0.8	0.0	-0.3
Percent Difference	-0.4%	-0.1%	-0.1%	0.0%	0.0%	0.3%	1.1%	0.6%	-0.3%	-1.2%	0.0%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Alternative C	57.5	51.0	45.3	44.3	47.2	52.3	58.9	62.4	64.1	64.6	65.0	64.4
Difference	-0.1	-0.2	-0.1	0.2	-0.1	0.1	0.8	0.4	-0.1	-0.3	-0.4	-0.3
Percent Difference	-0.1%	-0.4%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.6%	-0.2%	-0.5%	-0.6%	-0.5%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative C	59.4	50.5	44.8	44.4	48.2	53.2	58.1	62.9	64.0	66.2	66.2	65.8
Difference	-0.2	-0.2	0.0	0.1	0.0	0.1	0.3	0.6	-0.3	-0.6	-1.6	-0.4
Percent Difference	-0.3%	-0.4%	0.1%	0.2%	0.0%	0.2%	0.5%	0.9%	-0.4%	-0.9%	-2.4%	-0.6%

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

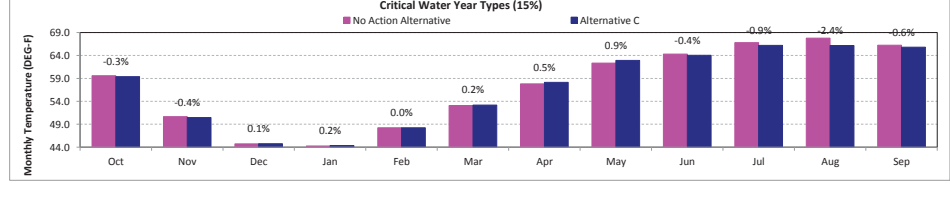
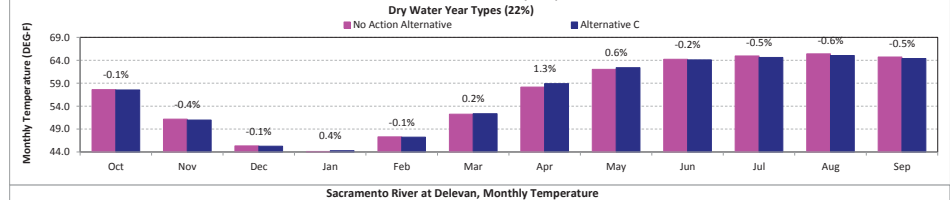
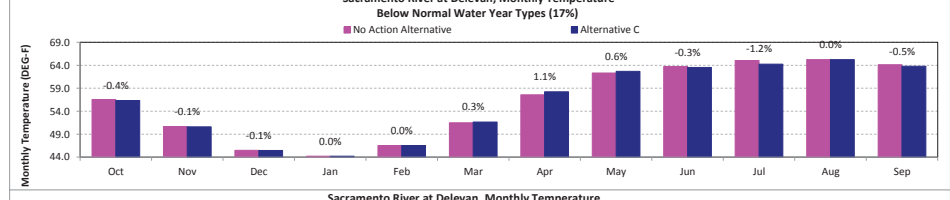
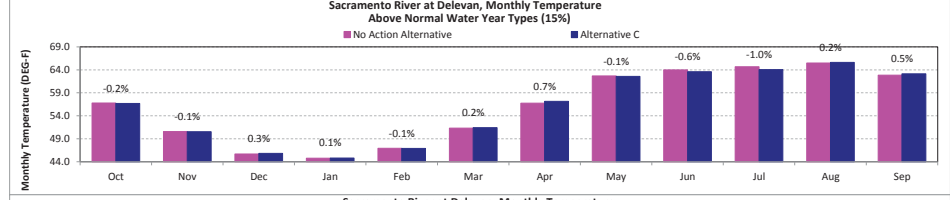
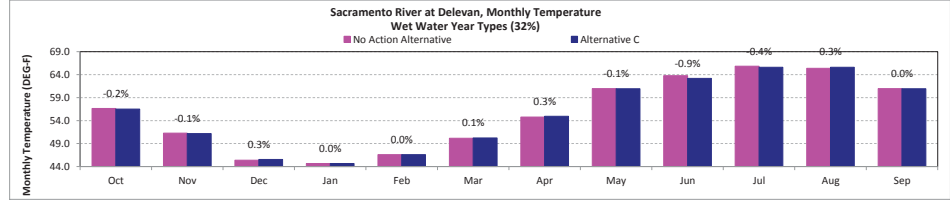
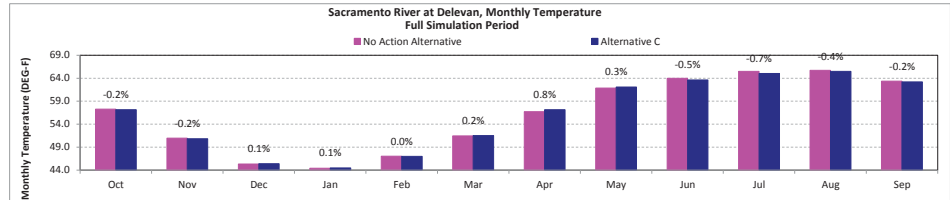


Figure SQ-09-7b
 Sacramento River at Delevan, Monthly Temperature
 Probability of Exceedance

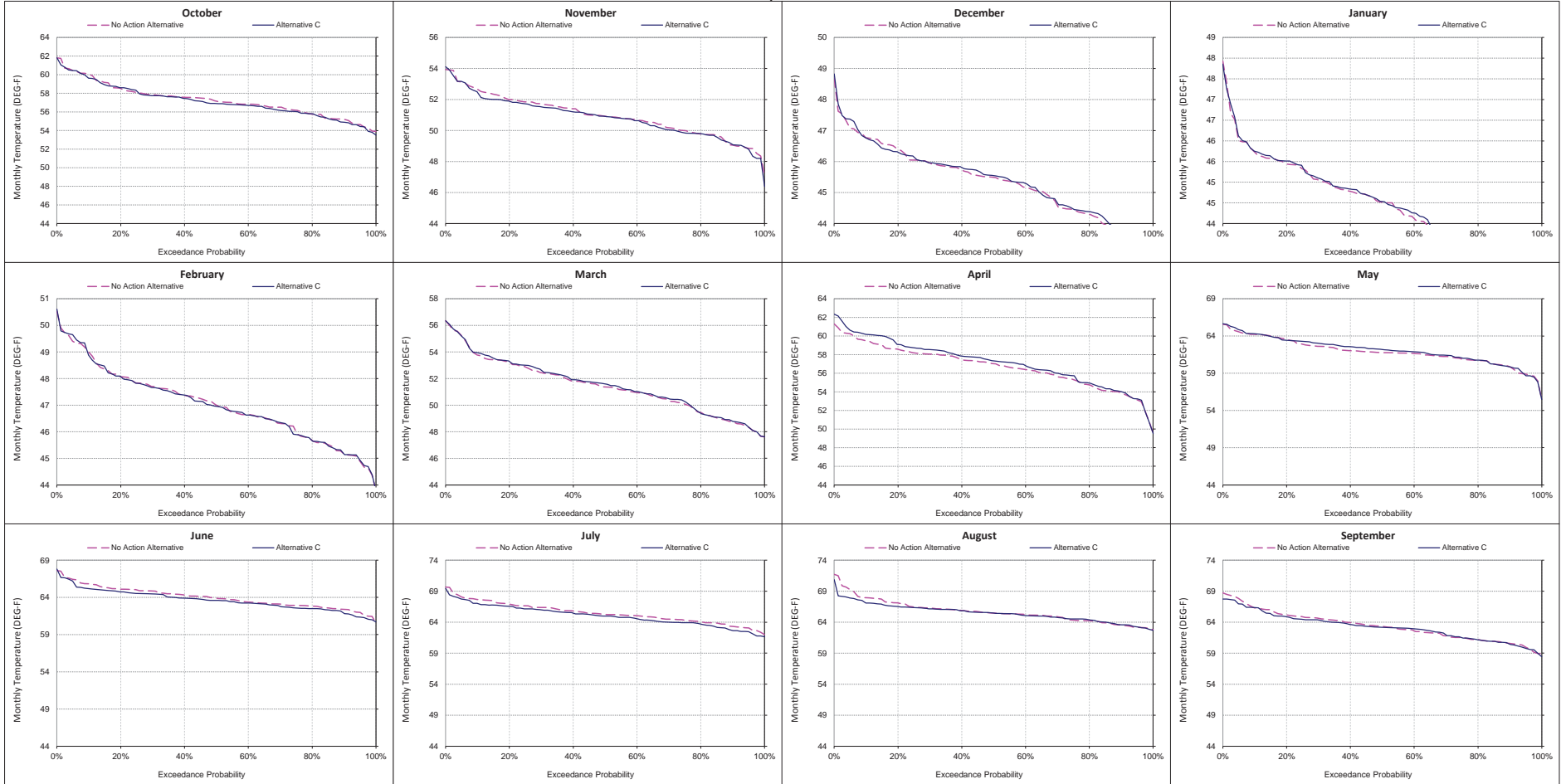


Table SQ-09-7b
Sacramento River at Delevan, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.8	61.8	0.0	0.0%	
1.2%	61.8	61.1	-0.7	-1.1%	
2.5%	60.7	60.8	0.1	0.1%	
3.7%	60.7	60.5	-0.2	-0.3%	
4.9%	60.5	60.4	0.0	0.0%	
6.2%	60.3	60.4	0.1	0.1%	
7.4%	60.2	60.1	0.0	0.0%	
8.6%	60.2	60.0	-0.1	-0.2%	
9.9%	60.1	59.6	-0.5	-0.8%	
11.1%	59.9	59.6	-0.3	-0.5%	
12.3%	59.4	59.5	0.1	0.2%	
13.6%	59.3	59.1	-0.2	-0.3%	
14.8%	59.2	59.0	-0.2	-0.4%	
16.0%	59.1	58.8	-0.3	-0.6%	
17.3%	58.6	58.8	0.2	0.3%	
18.5%	58.6	58.7	0.1	0.2%	
19.8%	58.6	58.6	0.1	0.1%	
21.0%	58.3	58.6	0.2	0.4%	
22.2%	58.3	58.5	0.2	0.4%	
23.5%	58.2	58.4	0.2	0.3%	
24.7%	58.1	58.3	0.2	0.4%	
25.0%	58.0	58.0	0.0	0.0%	
27.2%	58.0	57.8	-0.2	-0.3%	
28.4%	57.9	57.8	-0.1	-0.1%	
29.6%	57.9	57.7	-0.1	-0.2%	
30.9%	57.8	57.7	-0.1	-0.2%	
32.1%	57.8	57.7	0.0	0.0%	
33.3%	57.7	57.7	0.0	0.0%	
34.5%	57.7	57.6	-0.1	-0.2%	
35.8%	57.7	57.6	-0.1	-0.2%	
37.0%	57.6	57.6	0.0	0.0%	
38.3%	57.6	57.6	0.0	0.0%	
39.5%	57.6	57.4	-0.1	-0.2%	
40.7%	57.6	57.4	-0.1	-0.2%	
42.0%	57.6	57.3	-0.2	-0.4%	
43.2%	57.5	57.2	-0.3	-0.6%	
44.4%	57.5	57.2	-0.3	-0.6%	
45.7%	57.5	57.1	-0.4	-0.6%	
46.9%	57.4	57.0	-0.5	-0.8%	
48.1%	57.4	56.9	-0.5	-0.8%	
49.4%	57.2	56.9	-0.3	-0.5%	
50.6%	57.1	56.9	-0.2	-0.4%	
51.9%	57.1	56.9	-0.2	-0.3%	
53.1%	57.0	56.8	-0.2	-0.4%	
54.3%	57.0	56.8	-0.2	-0.4%	
55.6%	57.0	56.8	-0.2	-0.3%	
56.8%	56.9	56.8	-0.1	-0.2%	
58.0%	56.8	56.7	-0.1	-0.2%	
59.3%	56.8	56.7	-0.1	-0.2%	
60.5%	56.8	56.7	-0.1	-0.2%	
61.7%	56.8	56.7	-0.2	-0.3%	
63.0%	56.8	56.6	-0.2	-0.3%	
64.2%	56.7	56.6	-0.1	-0.2%	
65.4%	56.6	56.4	-0.2	-0.4%	
66.7%	56.5	56.4	-0.1	-0.3%	
67.9%	56.5	56.3	-0.2	-0.4%	
69.1%	56.5	56.2	-0.3	-0.5%	
70.4%	56.5	56.1	-0.4	-0.6%	
71.6%	56.3	56.1	-0.2	-0.4%	
72.8%	56.3	56.1	-0.2	-0.4%	
74.1%	56.2	56.1	-0.2	-0.3%	
75.3%	56.2	56.0	-0.1	-0.3%	
76.5%	56.0	55.9	-0.2	-0.3%	
77.8%	55.9	55.9	0.0	0.0%	
79.0%	55.8	55.8	0.0	0.0%	
80.2%	55.7	55.8	0.0	0.1%	
81.5%	55.7	55.6	-0.1	-0.2%	
82.7%	55.7	55.5	-0.3	-0.5%	
84.0%	55.3	55.4	0.1	0.2%	
85.2%	55.3	55.3	-0.1	-0.1%	
86.4%	55.3	55.1	-0.1	-0.2%	
87.7%	55.2	55.1	-0.1	-0.2%	
88.9%	55.2	54.9	-0.3	-0.6%	
90.1%	55.2	54.9	-0.3	-0.6%	
91.4%	55.1	54.8	-0.2	-0.5%	
92.6%	54.8	54.6	-0.1	-0.2%	
93.8%	54.6	54.6	0.0	0.0%	
95.1%	54.6	54.4	-0.2	-0.4%	
96.3%	54.4	54.4	0.0	0.1%	
97.5%	54.3	54.3	0.0	0.0%	
98.8%	53.9	53.8	-0.1	-0.2%	
100.0%	53.9	53.5	0.0	-0.7%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.9	54.1	0.2	0.3%	
1.2%	53.9	53.9	0.0	0.0%	
2.5%	53.9	53.5	-0.4	-0.7%	
3.7%	53.2	53.0	0.0	0.0%	
4.9%	53.1	53.2	0.0	0.0%	
6.2%	53.0	53.1	0.0	0.1%	
7.4%	52.9	52.7	-0.2	-0.3%	
8.6%	52.8	52.6	-0.2	-0.3%	
9.9%	52.7	52.5	-0.2	-0.3%	
11.1%	52.7	52.1	-0.4	-0.7%	
12.3%	52.5	52.1	-0.4	-0.8%	
13.6%	52.4	52.0	-0.4	-0.8%	
14.8%	52.4	52.0	-0.3	-0.6%	
16.0%	52.3	52.0	-0.3	-0.6%	
17.3%	52.2	52.0	-0.2	-0.5%	
18.5%	52.1	51.9	-0.2	-0.4%	
19.8%	52.0	51.9	-0.1	-0.2%	
21.0%	52.0	51.8	-0.2	-0.3%	
22.2%	51.9	51.8	-0.1	-0.2%	
23.5%	51.9	51.8	-0.1	-0.2%	
24.7%	51.8	51.7	-0.1	-0.2%	
25.0%	51.8	51.7	-0.1	-0.2%	
27.2%	51.8	51.6	-0.2	-0.5%	
28.4%	51.7	51.6	-0.2	-0.4%	
29.6%	51.7	51.5	-0.2	-0.4%	
30.9%	51.7	51.5	-0.2	-0.4%	
32.1%	51.6	51.5	-0.2	-0.3%	
33.3%	51.6	51.4	-0.2	-0.3%	
34.5%	51.5	51.4	-0.1	-0.2%	
35.8%	51.5	51.4	-0.1	-0.3%	
37.0%	51.5	51.3	-0.2	-0.3%	
38.3%	51.4	51.3	-0.2	-0.4%	
39.5%	51.4	51.2	-0.2	-0.4%	
40.7%	51.4	51.2	-0.2	-0.4%	
42.0%	51.2	51.2	0.0	0.0%	
43.2%	51.1	51.2	0.1	0.2%	
44.4%	51.0	51.1	0.1	0.1%	
45.7%	51.0	51.1	0.1	0.1%	
46.9%	51.0	51.0	0.0	0.1%	
48.1%	51.0	50.9	0.0	-0.1%	
49.4%	50.9	50.9	0.0	0.0%	
50.6%	50.9	50.9	0.0	0.0%	
51.9%	50.9	50.9	0.0	0.0%	
53.1%	50.9	50.8	0.0	-0.1%	
54.3%	50.8	50.8	0.0	0.0%	
55.6%	50.8	50.8	0.0	0.0%	
56.8%	50.8	50.7	0.0	0.0%	
58.0%	50.7	50.7	0.0	0.0%	
59.3%	50.7	50.6	-0.1	-0.2%	
60.5%	50.7	50.6	0.0	0.0%	
61.7%	50.6	50.5	-0.1	-0.3%	
63.0%	50.6	50.5	-0.1	-0.2%	
64.2%	50.5	50.3	-0.2	-0.4%	
65.4%	50.5	50.3	-0.2	-0.4%	
66.7%	50.4	50.2	-0.2	-0.4%	
67.9%	50.4	50.1	-0.3	-0.5%	
69.1%	50.2	50.1	-0.1	-0.3%	
70.4%	50.2	50.0	-0.1	-0.3%	
71.6%	50.1	50.0	-0.1	-0.2%	
72.8%	50.0	50.0	0.0	-0.2%	
74.1%	50.2	49.9	-0.1	-0.3%	
75.3%	50.0	49.8	-0.2	-0.3%	
76.5%	49.9	49.8	-0.1	-0.1%	
77.8%	49.9	49.8	0.0	-0.1%	
79.0%	49.8	49.8	0.0	0.0%	
80.2%	49.8	49.8	0.0	0.0%	
81.5%	49.7	49.7	0.0	0.0%	
82.7%	49.7	49.7	0.0	-0.1%	
84.0%	49.7	49.7	0.0	-0.1%	
85.2%	49.7	49.6	-0.1	-0.2%	
86.4%	49.6	49.4	-0.2	-0.4%	
87.7%	49.3	49.3	0.0	0.0%	
88.9%	49.1	49.2	0.1	0.3%	
90.1%	49.1	49.1	0.0	0.1%	
91.4%	49.0	49.1	0.1	0.2%	
92.6%	49.0	49.0	0.1	0.1%	
93.8%	48.9	48.9	0.0	0.0%	
95.1%	48.8	48.8	-0.1	-0.1%	
96.3%	48.4	48.3	-0.1	-0.5%	
97.5%	48.5	48.2	-0.3	-0.6%	
98.8%	48.4	48.2	-0.2	-0.3%	
100.0%	47.1	46.4	-0.7	-1.5%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.7	48.8	0.1	0.3%	
1.2%	47.6	47.8	0.2	0.5%	
2.5%	47.5	47.5	0.0	-0.1%	
3.7%	47.3	47.4	0.1	0.2%	
4.9%	47.1	47.4	0.3	0.6%	
6.2%	47.1	47.3	0.2	0.5%	
7.4%	46.9	47.0	0.1	0.2%	
8.6%	46.9	46.8	-0.1	-0.1%	
9.9%	46.8	46.8	0.0	0.0%	
11.1%	46.7	46.7	-0.1	-0.1%	
12.3%	46.7	46.7	-0.1	-0.1%	
13.6%	46.7	46.6	-0.2	-0.3%	
14.8%	46.6	46.4	-0.2	-0.3%	
16.0%	46.5	46.4	-0.1	-0.3%	
17.3%	46.5	46.4	-0.2	-0.4%	
18.5%	46.5	46.3	-0.2	-0.4%	
19.8%	46.4	46.3	-0.1	-0.2%	
21.0%	46.4	46.2	-0.1	-0.2%	
22.2%	46.2	46.2	0.0	-0.1%	
23.5%	46.1	46.2	0.1	0.3%	
24.7%	46.0	46.2	0.1	0.3%	
25.0%	46.1	46.1	0.0	0.0%	
27.2%	46.0	46.0	0.0	0.0%	
28.4%	46.0	46.0	0.0	0.0%	
29.6%	46.0	46.0	0.0	0.0%	
30.9%	45.9	46.0	0.0	0.1%	
32.1%	45.9	45.9	0.0	0.1%	
33.3%	45.9	45.9	0.1	0.1%	
34.5%	45.9	45.9	0.0	0.1%	
35.8%	45.8	45.9	0.0	0.1%	
37.0%	45.8	45.8	0.0	0.1%	
38.3%	45.8	45.8	0.0	0.1%	
39.5%	45.8	45.8	0.1	0.2%	
40.7%	45.7	45.8	0.1	0.2%	
42.0%	45.7	45.7	0.1	0.2%	
43.2%	45.6	45.7	0.2	0.4%	
44.4%	45.6	45.7	0.2	0.4%	
45.7%	45.5	45.7	0.1	0.3%	
46.9%	45.5	45.6	0.1	0.1%	
48.1%	45.5	45.6	0.1	0.1%	
49.4%	45.5	45.5	0.1	0.1%	
50.6%	45.5	45.5	0.1	0.1%	
51.9%	45.4	45.5	0.1	0.2%	
53.1%	45.4	45.5	0.1	0.2%	
54.3%	45.4	45.5	0.1	0.2%	
55.6%	45.4	45.4	0.0	0.0%	
56.8%	45.3	45.3	0.0	0.0%	
58.0%	45.3	45.3	0.1	0.1%	
59.3%	45.2	45.3	0.1	0.3%	
60.5%	45.2	45.3	0.1	0.2%	
61.7%	45.1	45.2	0.1	0.2%	
63.0%	45.1	45.2	0.1	0.2%	
64.2%	45.0	45.0	0.0	0.0%	
65.4%	45.0	44.9	-0.1	-0.3%	
66.7%	44.9	44.8	-0.1	-0.2%	
67.9%	44.8	44.8	0.0	-0.1%	
69.1%	44.7	44.8	0.1	0.1%	
70.4%	44.5	44.6	0.1	0.2%	
71.6%	44.5	44.6	0.1	0.2%	
72.8%	44.5	44.6	0.1	0.2%	
74.1%	44.5	44.5	0.1	0.1%	
75.3%	44.4	44.4	0.0	0.0%	
76.5%	44.4	44.4	0.1	0.1%	
77.8%	44.3	44.4	0.1	0.1%	
79.0%	44.3	44.4	0.1	0.2%	
80.2%	44.				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.5	50.6	0.1	0.2%	
1.2%	49.9	49.8	-0.1	-0.2%	
2.5%	49.7	49.7	0.0	0.0%	
3.7%	49.6	49.7	0.1	0.1%	
4.9%	49.4	49.7	0.2	0.5%	
6.2%	49.3	49.5	0.1	0.3%	
7.4%	49.3	49.4	0.0	0.1%	
8.6%	49.2	49.3	0.2	0.3%	
9.9%	49.0	48.9	-0.1	-0.2%	
11.1%	48.8	48.7	-0.1	-0.3%	
12.3%	48.6	48.6	0.0	-0.1%	
13.6%	48.4	48.5	0.1	0.2%	
14.8%	48.4	48.5	0.1	0.2%	
16.0%	48.3	48.2	-0.1	-0.2%	
17.3%	48.2	48.2	0.0	0.0%	
18.5%	48.2	48.1	-0.1	-0.1%	
19.8%	48.1	48.1	0.0	0.0%	
21.0%	48.1	48.0	-0.1	-0.2%	
22.2%	48.0	48.0	-0.1	-0.2%	
23.5%	47.9	47.9	0.0	0.0%	
24.7%	47.8	47.8	0.0	0.0%	
25.9%	47.8	47.8	0.0	0.0%	
27.2%	47.8	47.8	0.0	-0.1%	
28.4%	47.8	47.7	-0.1	-0.1%	
29.6%	47.7	47.7	0.0	-0.1%	
30.9%	47.7	47.7	0.0	-0.1%	
32.1%	47.6	47.6	0.0	0.0%	
33.3%	47.6	47.6	-0.1	-0.1%	
34.5%	47.6	47.5	-0.1	-0.1%	
35.8%	47.6	47.5	-0.1	-0.2%	
37.0%	47.5	47.4	-0.1	-0.2%	
38.3%	47.4	47.4	0.0	0.0%	
39.5%	47.4	47.4	0.0	0.0%	
40.7%	47.3	47.4	0.0	0.1%	
42.0%	47.3	47.3	-0.1	-0.1%	
43.2%	47.3	47.2	-0.1	-0.3%	
44.4%	47.3	47.1	-0.1	-0.3%	
45.7%	47.2	47.1	-0.1	-0.2%	
46.9%	47.2	47.0	-0.1	-0.3%	
48.1%	47.2	47.0	-0.2	-0.3%	
49.4%	47.0	47.0	-0.1	-0.2%	
50.6%	47.0	46.9	0.0	-0.1%	
51.9%	47.0	46.9	0.0	-0.1%	
53.1%	46.9	46.8	-0.1	-0.2%	
54.3%	46.8	46.8	0.0	0.1%	
55.6%	46.7	46.8	0.0	0.1%	
56.8%	46.7	46.7	0.1	0.1%	
58.0%	46.6	46.7	0.1	0.2%	
59.3%	46.6	46.6	0.0	0.0%	
60.5%	46.6	46.6	0.0	0.0%	
61.7%	46.6	46.6	0.0	0.0%	
63.0%	46.6	46.6	0.0	0.0%	
64.2%	46.6	46.6	0.0	0.0%	
65.4%	46.5	46.5	0.0	-0.1%	
66.7%	46.5	46.5	0.0	0.0%	
67.9%	46.4	46.4	0.0	0.0%	
69.1%	46.3	46.4	0.0	0.1%	
70.4%	46.3	46.3	0.0	0.1%	
71.6%	46.3	46.3	0.0	0.0%	
72.8%	46.2	46.2	0.0	-0.1%	
74.1%	46.2	45.9	-0.3	-0.7%	
75.3%	45.9	45.9	0.0	-0.1%	
76.5%	45.8	45.9	0.0	0.1%	
77.8%	45.8	45.8	0.0	0.0%	
79.0%	45.8	45.8	0.0	0.0%	
80.2%	45.7	45.6	-0.1	-0.2%	
81.5%	45.6	45.6	0.0	0.1%	
82.7%	45.6	45.6	0.0	0.1%	
84.0%	45.6	45.6	0.0	0.1%	
85.2%	45.5	45.5	-0.1	-0.1%	
86.4%	45.4	45.4	0.0	-0.1%	
87.7%	45.3	45.3	0.0	0.1%	
88.9%	45.3	45.3	0.0	0.1%	
90.1%	45.1	45.1	0.0	0.0%	
91.4%	45.1	45.1	0.0	0.0%	
92.6%	45.1	45.1	0.0	0.0%	
93.8%	45.1	45.1	0.0	0.1%	
95.1%	44.9	44.9	0.0	0.1%	
96.3%	44.7	44.7	0.1	0.1%	
97.5%	44.6	44.7	0.1	0.1%	
98.8%	44.4	44.4	0.0	0.0%	
100.0%	43.8	43.8	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.4	56.3	0.0	0.0%	
1.2%	56.0	56.1	0.1	0.2%	
2.5%	55.6	55.7	0.1	0.2%	
3.7%	55.6	55.6	0.0	-0.1%	
4.9%	55.2	55.2	0.0	-0.1%	
6.2%	54.9	54.9	0.1	0.1%	
7.4%	54.4	54.3	-0.1	-0.2%	
8.6%	54.0	54.0	0.0	0.0%	
9.9%	53.8	53.9	0.2	0.3%	
11.1%	53.7	53.8	0.2	0.3%	
12.3%	53.5	53.6	0.2	0.5%	
13.6%	53.4	53.7	0.3	0.5%	
14.8%	53.4	53.5	0.1	0.2%	
16.0%	53.4	53.4	0.0	0.1%	
17.3%	53.4	53.4	0.0	0.0%	
18.5%	53.3	53.4	0.1	0.1%	
19.8%	53.3	53.3	0.1	0.1%	
21.0%	53.1	53.1	0.0	0.1%	
22.2%	53.0	53.1	0.0	0.1%	
23.5%	52.9	53.0	0.1	0.2%	
24.7%	52.9	53.0	0.1	0.2%	
25.9%	52.8	52.9	0.2	0.4%	
27.2%	52.6	52.9	0.3	0.5%	
28.4%	52.6	52.8	0.2	0.4%	
29.6%	52.5	52.7	0.2	0.5%	
30.9%	52.4	52.5	0.1	0.1%	
32.1%	52.4	52.4	0.1	0.1%	
33.3%	52.3	52.4	0.1	0.1%	
34.5%	52.3	52.3	0.1	0.1%	
35.8%	52.3	52.3	0.0	0.0%	
37.0%	52.1	52.2	0.2	0.3%	
38.3%	51.9	52.1	0.2	0.4%	
39.5%	51.8	51.9	0.1	0.2%	
40.7%	51.8	51.9	0.1	0.2%	
42.0%	51.9	51.9	0.1	0.2%	
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%	51.5	51.7	0.2	0.4%	
49.4%	51.4	51.6	0.2	0.5%	
50.6%	51.4	51.6	0.2	0.4%	
51.9%	51.4	51.5	0.1	0.2%	
53.1%	51.3	51.5	0.2	0.3%	
54.3%	51.2	51.4	0.2	0.4%	
55.6%	51.1	51.2	0.1	0.2%	
56.8%	51.1	51.2	0.0	0.1%	
58.0%	51.0	51.2	0.1	0.3%	
59.3%	51.0	51.0	0.1	0.1%	
60.5%	50.9	51.0	0.1	0.2%	
61.7%	50.9	50.9	0.0	0.1%	
63.0%	50.9	50.9	0.0	0.0%	
64.2%	50.7	50.8	0.1	0.2%	
65.4%	50.7	50.7	0.1	0.1%	
66.7%	50.6	50.6	0.0	0.0%	
67.9%	50.5	50.6	0.1	0.2%	
69.1%	50.5	50.6	0.1	0.2%	
70.4%	50.3	50.4	0.2	0.3%	
71.6%	50.3	50.4	0.2	0.3%	
72.8%	50.2	50.4	0.2	0.5%	
74.1%	50.2	50.4	0.2	0.4%	
75.3%	50.0	50.2	0.2	0.4%	
76.5%	50.0	50.0	0.1	0.1%	
77.8%	49.7	49.8	0.0	0.1%	
79.0%	49.5	49.5	0.0	0.1%	
80.2%	49.4	49.4	-0.1	-0.2%	
81.5%	49.2	49.3	0.0	0.1%	
82.7%	49.2	49.2	0.0	0.0%	
84.0%	49.1	49.1	0.0	0.0%	
85.2%	49.0	49.1	0.1	0.1%	
86.4%	48.9	49.0	0.1	0.2%	
87.7%	48.9	48.9	0.0	0.1%	
88.9%	48.8	48.9	0.1	0.3%	
90.1%	48.7	48.8	0.0	0.1%	
91.4%	48.6	48.7	0.1	0.2%	
92.6%	48.6	48.7	0.1	0.2%	
93.8%	48.5	48.6	0.1	0.2%	
95.1%	48.3	48.3	0.0	0.0%	
96.3%	48.1	48.1	0.0	0.1%	
97.5%	48.0	48.0	0.0	0.1%	
98.8%	47.7	47.7	0.0	0.0%	
100.0%	47.6	47.6	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.3	62.3	1.0	1.7%	
1.2%	60.9	62.1	1.2	2.0%	
2.5%	60.4	61.5	1.2	2.0%	
3.7%	60.3	61.0	0.7	1.2%	
4.9%	60.3	60.6	0.4	0.6%	
6.2%	60.0	60.4	0.4	0.7%	
7.4%	59.7	60.4	0.8	1.3%	
8.6%	59.6	60.3	0.7	1.2%	
9.9%	59.5	60.2	0.7	1.1%	
11.1%	59.4	60.1	0.7	1.2%	
12.3%	59.2	60.1	0.9	1.6%	
13.6%	59.1	60.1	0.9	1.6%	
14.8%	59.1	60.0	0.9	1.6%	
16.0%	58.7	59.9	1.2	2.1%	
17.3%	58.6	59.8	1.1	1.9%	
18.5%	58.6	59.6	1.0	1.6%	
19.8%	58.6	59.1	0.5	0.8%	
21.0%	58.5	59.1	0.6	1.0%	
22.2%	58.4	58.9	0.5	0.8%	
23.5%	58.3	58.8	0.5	0.8%	
24.7%	58.2	58.8	0.6	1.0%	
25.9%	58.1	58.7	0.6	0.9%	
27.2%	58.1	58.7	0.5	0.8%	
28.4%	58.1	58.6	0.5	0.8%	
29.6%	58.1	58.5	0.5	0.8%	
30.9%	58.1	58.5	0.5	0.8%	
32.1%	58.0	58.5	0.5	0.8%	
33.3%	58.0	58.4	0.5	0.8%	
34.5%	57.9	58.4	0.4	0.8%	
35.8%	57.9	58.2	0.4	0.6%	
37.0%	57.9	58.1	0.3	0.5%	
38.3%	57.7	58.0	0.3	0.5%	
39.5%	57.5	57.9	0.4	0.6%	
40.7%	57.4	57.8	0.4	0.7%	
42.0%	57.4	57.8	0.4	0.7%	
43.2%	57.4	57.8	0.4	0.7%	
44.4%	57.3	57.7	0.4	0.7%	
45.7%	57.2	57.7	0.5	0.8%	
46.9%	57.2	57.5	0.3	0.6%	
48.1%	57.2	57.5	0.3	0.5%	
49.4%	57.0	57.4	0.3	0.6%	
50.6%	57.0	57.3	0.3	0.5%	
51.9%	56.8	57.3	0.4	0.8%	
53.1%	56.8	57.2	0.4	0.7%	
54.3%	56.7	57.2	0.5	0.9%	
55.6%	56.6	57.2	0.6	1.0%	
56.8%	56.5	57.1	0.6	1.0%	
58.0%	56.5	57.0	0.5	0.8%	
59.3%	56.4	57.0	0.5	0.9%	
60.5%	56.4	56.7	0.3	0.6%	
61.7%	56.3	56.6	0.3	0.5%	
63.0%	56.3	56.4	0.2	0.3%	
64.2%	56.1	56.4	0.3	0.5%	
65.4%	56.0	56.4	0.3	0.6%	
66.7%	56.0	56.3	0.3	0.5%	
67.9%	55.9	56.3	0.4	0.7%	
69.1%	55.8	56.0	0.2	0.4%	
70.4%	55.6	56.0	0.4	0.7%	
71.6%	55.6	55.9	0.3	0.5%	
72.8%	55.5	55.8	0.4	0.6%	
74.1%	55.4	55.8	0.3	0.6%	
75.3%	55.3	55.7	0.5	0.8%	
76.5%	55.1	55.1	0.0	-0.1%	
77.8%	54.8	55.0	0.2	0.3%	
79.0%	54.8	55.0	0.2	0.3%	
80.2%	54.				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.6	67.8	0.2	0.3%	
1.2%	67.5	66.7	-0.9	-1.3%	
2.5%	66.7	66.6	0.0	-0.1%	
3.7%	66.6	66.4	-0.1	-0.2%	
4.9%	66.4	66.2	-0.2	-0.4%	
6.2%	66.4	65.4	-1.0	-1.5%	
7.4%	65.9	65.3	-0.6	-0.9%	
8.6%	65.8	65.2	-0.6	-0.9%	
9.9%	65.8	65.2	-0.6	-0.9%	
11.1%	65.8	65.1	-0.6	-0.9%	
12.3%	65.7	65.1	-0.6	-0.9%	
13.6%	65.5	65.0	-0.5	-0.7%	
14.8%	65.3	65.0	-0.4	-0.6%	
16.0%	65.3	64.9	-0.3	-0.5%	
17.3%	65.2	64.9	-0.3	-0.5%	
18.5%	65.2	64.8	-0.3	-0.5%	
19.8%	65.1	64.7	-0.4	-0.6%	
21.0%	65.1	64.7	-0.4	-0.6%	
22.2%	65.1	64.7	-0.4	-0.7%	
23.5%	65.1	64.6	-0.5	-0.8%	
24.7%	65.0	64.5	-0.5	-0.8%	
25.9%	64.5	64.4	-0.1	-0.2%	
27.2%	64.9	64.5	-0.4	-0.6%	
28.4%	64.9	64.5	-0.4	-0.6%	
29.6%	64.9	64.5	-0.4	-0.6%	
30.9%	64.8	64.4	-0.4	-0.6%	
32.1%	64.6	64.4	-0.2	-0.3%	
33.3%	64.6	64.4	-0.2	-0.3%	
34.5%	64.5	64.1	-0.4	-0.6%	
35.8%	64.5	64.0	-0.4	-0.7%	
37.0%	64.4	64.0	-0.4	-0.7%	
38.3%	64.4	63.9	-0.5	-0.7%	
39.5%	64.4	63.9	-0.4	-0.7%	
40.7%	64.2	63.9	-0.3	-0.5%	
42.0%	64.2	63.8	-0.3	-0.5%	
43.2%	64.2	63.8	-0.3	-0.5%	
44.4%	64.1	63.8	-0.3	-0.5%	
45.7%	64.1	63.7	-0.4	-0.6%	
46.9%	64.1	63.6	-0.5	-0.8%	
48.1%	64.0	63.6	-0.4	-0.6%	
49.4%	63.9	63.6	-0.3	-0.5%	
50.6%	63.9	63.6	-0.3	-0.4%	
51.9%	63.8	63.6	-0.3	-0.4%	
53.1%	63.8	63.6	-0.2	-0.4%	
54.3%	63.7	63.4	-0.3	-0.4%	
55.6%	63.7	63.4	-0.3	-0.4%	
56.8%	63.6	63.3	-0.3	-0.5%	
58.0%	63.5	63.3	-0.2	-0.3%	
59.3%	63.4	63.2	-0.1	-0.2%	
60.5%	63.4	63.2	-0.1	-0.2%	
61.7%	63.3	63.2	-0.1	-0.2%	
63.0%	63.3	63.2	-0.1	-0.2%	
64.2%	63.2	63.1	-0.1	-0.2%	
65.4%	63.2	63.1	-0.1	-0.2%	
66.7%	63.1	63.0	-0.2	-0.3%	
67.9%	63.1	62.9	-0.2	-0.3%	
69.1%	63.1	62.9	-0.2	-0.3%	
70.4%	63.1	62.7	-0.3	-0.5%	
71.6%	63.0	62.7	-0.3	-0.4%	
72.8%	62.9	62.7	-0.3	-0.4%	
74.1%	62.9	62.6	-0.3	-0.5%	
75.3%	62.9	62.5	-0.4	-0.6%	
76.5%	62.9	62.5	-0.4	-0.6%	
77.8%	62.9	62.5	-0.4	-0.6%	
79.0%	62.8	62.5	-0.3	-0.5%	
80.2%	62.8	62.5	-0.3	-0.5%	
81.5%	62.8	62.5	-0.3	-0.5%	
82.7%	62.7	62.5	-0.2	-0.4%	
84.0%	62.6	62.4	-0.3	-0.4%	
85.2%	62.6	62.3	-0.3	-0.5%	
86.4%	62.5	62.3	-0.2	-0.4%	
87.7%	62.5	62.2	-0.3	-0.4%	
88.9%	62.4	62.2	-0.3	-0.4%	
90.1%	62.4	61.8	-0.6	-0.9%	
91.4%	62.4	61.8	-0.6	-0.9%	
92.6%	62.1	61.6	-0.5	-0.8%	
93.8%	62.0	61.4	-0.6	-1.0%	
95.1%	62.0	61.3	-0.6	-1.0%	
96.3%	61.8	61.1	-0.7	-1.1%	
97.5%	61.5	61.1	-0.4	-0.7%	
98.8%	61.5	61.0	-0.4	-0.7%	
100.0%	60.5	60.7	0.2	0.3%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	69.7	69.4	-0.2	-0.3%	
1.2%	69.6	68.4	-1.2	-1.7%	
2.5%	68.7	68.2	-0.5	-0.7%	
3.7%	68.4	68.0	-0.5	-0.7%	
4.9%	68.1	67.7	-0.3	-0.5%	
6.2%	67.9	67.6	-0.2	-0.3%	
7.4%	67.8	67.5	-0.3	-0.4%	
8.6%	67.8	67.0	-0.8	-1.1%	
9.9%	67.7	67.0	-0.6	-0.9%	
11.1%	67.6	66.8	-0.8	-1.1%	
12.3%	67.6	66.8	-0.7	-1.1%	
13.6%	67.5	66.8	-0.8	-1.1%	
14.8%	67.5	66.8	-0.7	-1.1%	
16.0%	67.1	66.7	-0.4	-0.6%	
17.3%	67.1	66.7	-0.4	-0.6%	
18.5%	67.0	66.6	-0.4	-0.6%	
19.8%	66.9	66.6	-0.4	-0.6%	
21.0%	66.8	66.5	-0.3	-0.4%	
22.2%	66.7	66.3	-0.4	-0.6%	
23.5%	66.7	66.3	-0.4	-0.6%	
24.7%	66.7	66.2	-0.5	-0.7%	
25.9%	66.5	66.5	0.0	0.0%	
27.2%	66.4	66.2	-0.2	-0.4%	
28.4%	66.4	66.1	-0.3	-0.5%	
29.6%	66.4	66.0	-0.4	-0.6%	
30.9%	66.4	65.9	-0.4	-0.7%	
32.1%	66.4	65.9	-0.4	-0.7%	
33.3%	66.3	65.8	-0.5	-0.7%	
34.5%	66.1	65.7	-0.5	-0.7%	
35.8%	66.0	65.7	-0.4	-0.5%	
37.0%	65.9	65.6	-0.3	-0.4%	
38.3%	65.9	65.6	-0.3	-0.5%	
39.5%	65.8	65.6	-0.3	-0.4%	
40.7%	65.8	65.3	-0.4	-0.7%	
42.0%	65.7	65.3	-0.3	-0.5%	
43.2%	65.6	65.3	-0.3	-0.4%	
44.4%	65.5	65.3	-0.2	-0.3%	
45.7%	65.4	65.2	-0.2	-0.3%	
46.9%	65.4	65.1	-0.3	-0.5%	
48.1%	65.4	65.0	-0.3	-0.5%	
49.4%	65.3	65.0	-0.3	-0.4%	
50.6%	65.2	65.0	-0.2	-0.4%	
51.9%	65.2	65.0	-0.3	-0.4%	
53.1%	65.2	64.9	-0.3	-0.5%	
54.3%	65.2	64.8	-0.4	-0.6%	
55.6%	65.2	64.8	-0.4	-0.6%	
56.8%	65.1	64.8	-0.3	-0.5%	
58.0%	65.1	64.7	-0.4	-0.5%	
59.3%	65.1	64.6	-0.4	-0.7%	
60.5%	65.0	64.5	-0.5	-0.8%	
61.7%	65.0	64.3	-0.6	-1.0%	
63.0%	64.9	64.3	-0.5	-0.8%	
64.2%	64.9	64.3	-0.6	-0.9%	
65.4%	64.8	64.2	-0.6	-0.9%	
66.7%	64.7	64.2	-0.5	-0.8%	
67.9%	64.6	64.0	-0.5	-0.8%	
69.1%	64.5	64.0	-0.5	-0.7%	
70.4%	64.5	64.0	-0.5	-0.7%	
71.6%	64.5	64.0	-0.5	-0.8%	
72.8%	64.4	64.0	-0.5	-0.7%	
74.1%	64.4	63.9	-0.5	-0.7%	
75.3%	64.3	63.9	-0.4	-0.5%	
76.5%	64.2	63.9	-0.3	-0.5%	
77.8%	64.2	63.9	-0.3	-0.5%	
79.0%	64.1	63.8	-0.3	-0.5%	
80.2%	64.1	63.7	-0.4	-0.6%	
81.5%	63.9	63.5	-0.4	-0.6%	
82.7%	63.9	63.5	-0.4	-0.7%	
84.0%	63.9	63.4	-0.5	-0.8%	
85.2%	63.9	63.1	-0.7	-1.1%	
86.4%	63.7	63.1	-0.6	-0.9%	
87.7%	63.7	63.1	-0.6	-1.0%	
88.9%	63.4	62.8	-0.6	-0.9%	
90.1%	63.3	62.6	-0.7	-1.1%	
91.4%	63.2	62.6	-0.6	-1.0%	
92.6%	63.2	62.5	-0.7	-1.1%	
93.8%	63.1	62.5	-0.6	-1.0%	
95.1%	63.1	62.5	-0.6	-1.0%	
96.3%	62.7	63.1	0.5	0.9%	
97.5%	62.7	61.8	-0.9	-1.4%	
98.8%	62.4	61.8	-0.6	-1.0%	
100.0%	62.0	61.7	-0.3	-0.5%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	71.7	70.9	-0.9	-1.2%	
1.2%	71.5	68.2	-3.3	-4.6%	
2.5%	69.9	68.1	-1.7	-2.5%	
3.7%	68.7	68.1	-0.6	-0.9%	
4.9%	69.3	67.9	-1.4	-2.0%	
6.2%	68.9	67.8	-1.1	-1.6%	
7.4%	68.2	67.6	-0.6	-0.8%	
8.6%	68.0	67.5	-0.4	-0.6%	
9.9%	67.9	67.1	-0.8	-1.2%	
11.1%	67.9	67.1	-0.8	-1.2%	
12.3%	67.9	67.0	-0.8	-1.2%	
13.6%	67.8	66.9	-0.9	-1.3%	
14.8%	67.7	66.9	-0.8	-1.2%	
16.0%	67.3	66.7	-0.6	-0.8%	
17.3%	67.2	66.7	-0.6	-0.8%	
18.5%	67.1	66.6	-0.6	-0.8%	
19.8%	67.1	66.5	-0.6	-0.9%	
21.0%	67.0	66.4	-0.6	-0.8%	
22.2%	66.9	66.4	-0.5	-0.7%	
23.5%	66.6	66.4	-0.2	-0.2%	
24.7%	66.5	66.4	-0.1	-0.1%	
25.9%	66.4	66.3	-0.1	-0.1%	
27.2%	66.4	66.3	-0.1	-0.1%	
28.4%	66.3	66.3	0.0	0.0%	
29.6%	66.3	66.2	-0.2	-0.2%	
30.9%	66.2	66.2	-0.1	-0.1%	
32.1%	66.2	66.1	-0.1	-0.1%	
33.3%	66.2	66.1	-0.1	-0.1%	
34.5%	66.1	66.1	0.0	0.0%	
35.8%	66.1	66.1	0.0	0.0%	
37.0%	66.0	66.1	0.0	0.0%	
38.3%	66.0	66.0	0.0	0.0%	
39.5%	65.9	65.8	-0.1	-0.1%	
40.7%	65.9	65.8	0.0	0.0%	
42.0%	65.9	65.7	-0.1	-0.1%	
43.2%	65.8	65.6	-0.1	-0.2%	
44.4%	65.8	65.6	-0.1	-0.2%	
45.7%	65.7	65.6	-0.1	-0.1%	
46.9%	65.5	65.6	0.0	0.0%	
48.1%	65.5	65.5	0.0	0.0%	
49.4%	65.5	65.4	-0.1	-0.1%	
50.6%	65.5	65.4	0.0	0.0%	
51.9%	65.4	65.4	0.0	0.0%	
53.1%	65.4	65.4	0.0	0.0%	
54.3%	65.4	65.4	0.0	0.0%	
55.6%	65.3	65.4	0.0	0.0%	
56.8%	65.3	65.3	0.0	0.0%	
58.0%	65.3	65.2	-0.1	-0.1%	
59.3%	65.3	65.1	-0.2	-0.3%	
60.5%	65.2	65.1	-0.1	-0.2%	
61.7%	65.1	65.0	-0.1	-0.2%	
63.0%	65.1	65.0	-0.1	-0.2%	
64.2%	65.1	65.0	-0.1	-0.2%	
65.4%	65.1	65.0	-0.1	-0.2%	
66.7%	65.0	65.0	0.0	0.0%	
67.9%	65.0	64.8	-0.2	-0.2%	
69.1%	65.0	64.8	-0.2	-0.3%	
70.4%	64.8	64.7	-0.1	-0.2%	
71.6%	64.8	64.7	-0.1	-0.1%	
72.8%	64.4	64.6	0.2	0.2%	
74.1%	64.4	64.5	0.2	0.3%	
75.3%	64.3	64.5	0.2	0.3%	
76.5%	64.3	64.5	0.2	0.4%	
77.8%	64.3	64.5	0.2	0.4%	
79.0%	64.2	64.5	0.2	0.3%	
80.2%	64.				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative C	57.2	50.9	45.4	44.5	47.0	51.5	57.2	62.1	63.7	65.0	65.5	63.2
Difference	-0.1	-0.1	0.1	0.1	0.0	0.1	0.4	0.2	-0.3	-0.5	-0.2	-0.1
Percent Difference ²	-0.2%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.7%	0.3%	-0.5%	-0.7%	-0.4%	-0.2%
Water Year Types²												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative C	56.5	51.2	45.5	44.7	46.6	50.2	54.9	60.9	63.2	65.6	65.6	61.0
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.2	0.0	-0.6	-0.2	0.2	0.0
Percent Difference	-0.2%	-0.1%	0.4%	0.0%	0.0%	0.1%	0.3%	-0.1%	-0.9%	-0.4%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative C	56.7	50.6	45.8	44.8	46.9	51.4	57.1	62.6	63.6	64.1	65.7	63.1
Difference	-0.1	0.0	0.1	0.1	0.0	0.1	0.4	-0.1	-0.4	-0.6	0.1	0.3
Percent Difference	-0.1%	0.0%	0.3%	0.1%	0.0%	0.2%	0.7%	-0.1%	-0.6%	-1.0%	0.2%	0.5%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative C	56.4	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.5	64.3	65.3	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.2	0.6	0.4	-0.2	-0.8	0.0	-0.3
Percent Difference	-0.4%	-0.1%	-0.1%	0.0%	0.0%	0.3%	1.1%	0.6%	-0.3%	-1.2%	0.0%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative C	57.6	51.0	45.3	44.3	47.2	52.3	58.9	62.4	64.1	64.7	65.1	64.4
Difference	0.0	-0.2	0.0	0.2	-0.1	0.1	0.7	0.3	-0.1	-0.3	-0.4	-0.3
Percent Difference	0.0%	-0.4%	-0.1%	0.4%	-0.1%	0.2%	1.3%	0.5%	-0.2%	-0.5%	-0.6%	-0.5%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative C	59.4	50.5	44.8	44.4	48.2	53.2	58.1	62.9	64.1	66.2	66.2	65.8
Difference	-0.1	-0.2	0.1	0.1	0.0	0.1	0.3	0.6	-0.3	-0.6	-1.6	-0.4
Percent Difference	-0.2%	-0.3%	0.1%	0.2%	0.0%	0.2%	0.5%	0.9%	-0.4%	-0.9%	-2.4%	-0.6%

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

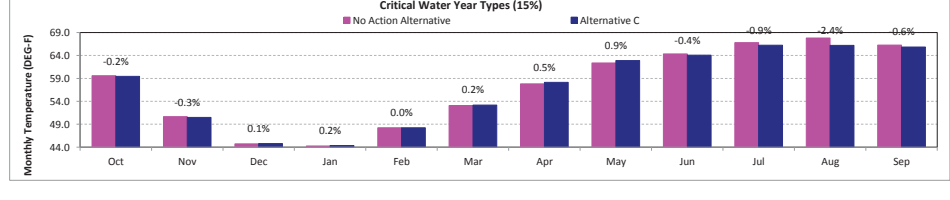
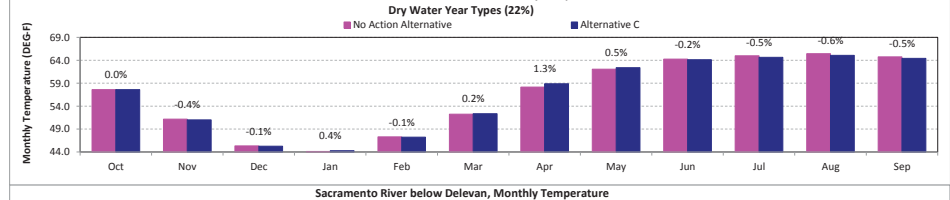
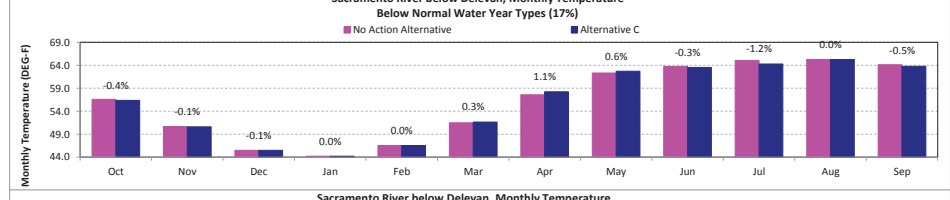
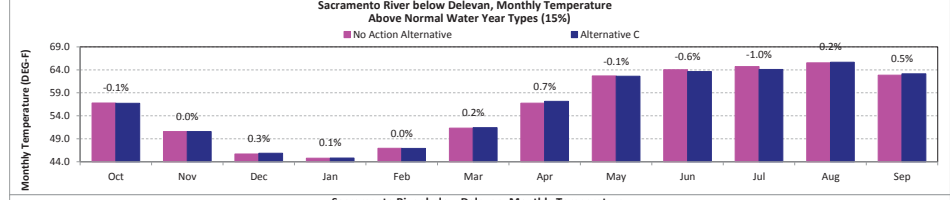
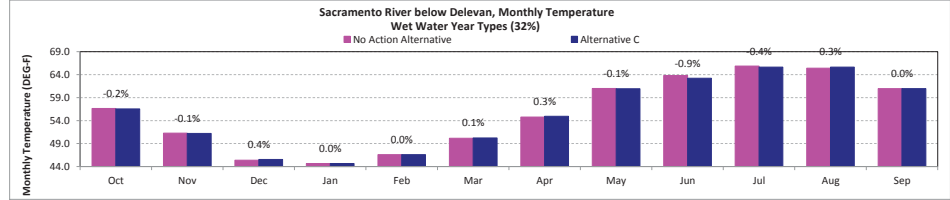
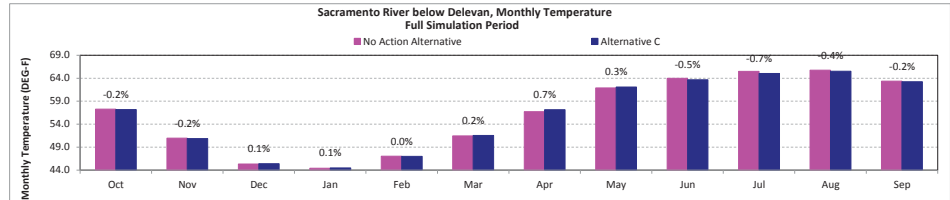


Figure SQ-10-7b
 Sacramento River below Delevan, Monthly Temperature
 Probability of Exceedance

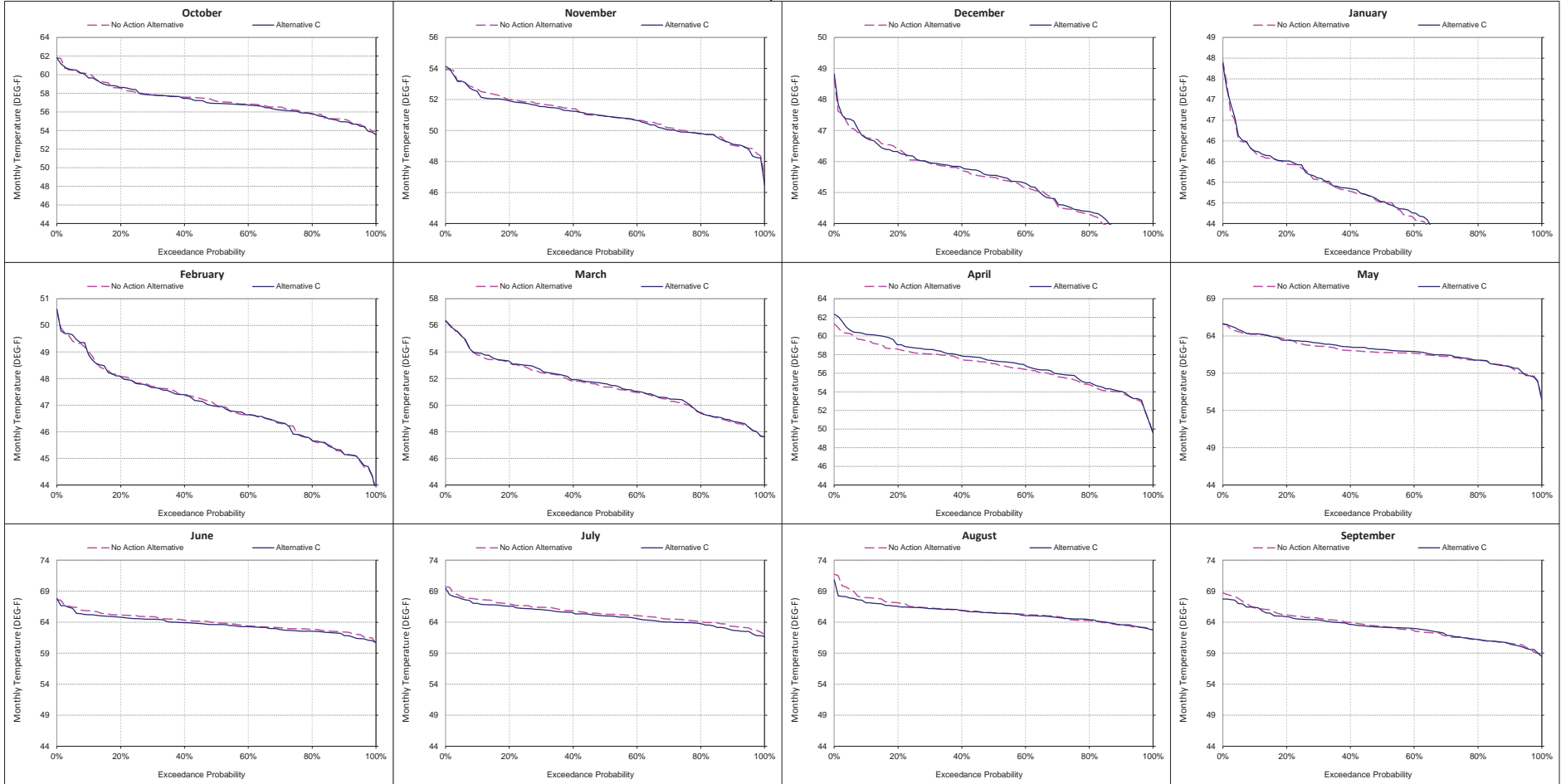


Table SQ-10-7b
Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.8	61.8	0.0	0.0%	
1.2%	61.8	61.2	-0.6	-0.9%	
2.5%	60.7	60.8	0.1	0.2%	
3.7%	60.7	60.5	-0.1	-0.2%	
4.9%	60.5	60.5	0.1	0.1%	
6.2%	60.4	60.5	0.1	0.2%	
7.4%	60.2	60.2	0.0	0.0%	
8.6%	60.2	60.1	-0.1	-0.1%	
9.9%	60.1	59.7	-0.4	-0.7%	
11.1%	59.9	59.6	-0.2	-0.4%	
12.3%	59.4	59.5	0.1	0.2%	
13.6%	59.3	59.2	-0.1	-0.2%	
14.8%	59.2	59.0	-0.2	-0.4%	
16.0%	59.1	58.9	-0.3	-0.5%	
17.3%	58.6	58.8	0.2	0.4%	
18.5%	58.6	58.8	0.2	0.4%	
19.8%	58.6	58.6	0.1	0.1%	
21.0%	58.4	58.6	0.3	0.5%	
22.2%	58.3	58.6	0.3	0.5%	
23.5%	58.2	58.4	0.2	0.4%	
24.7%	58.1	58.4	0.3	0.5%	
25.9%	58.0	58.1	0.1	0.1%	
27.2%	58.0	57.9	-0.1	-0.1%	
28.4%	57.9	57.9	0.0	0.0%	
29.6%	57.9	57.8	0.0	-0.1%	
30.9%	57.8	57.8	-0.1	-0.1%	
32.1%	57.8	57.8	0.0	0.0%	
33.3%	57.7	57.8	0.0	0.0%	
34.5%	57.7	57.7	0.0	0.0%	
35.8%	57.7	57.7	-0.1	-0.1%	
37.0%	57.7	57.7	0.0	0.0%	
38.3%	57.6	57.7	0.1	0.1%	
39.5%	57.6	57.5	-0.1	-0.2%	
40.7%	57.6	57.4	-0.1	-0.2%	
42.0%	57.6	57.4	-0.2	-0.3%	
43.2%	57.5	57.2	-0.3	-0.5%	
44.4%	57.5	57.2	-0.3	-0.5%	
45.7%	57.5	57.2	-0.3	-0.5%	
46.9%	57.5	57.0	-0.5	-0.8%	
48.1%	57.4	56.9	-0.4	-0.8%	
49.4%	57.2	56.9	-0.3	-0.5%	
50.6%	57.1	56.9	-0.2	-0.3%	
51.9%	57.1	56.9	-0.2	-0.3%	
53.1%	57.0	56.9	-0.2	-0.3%	
54.3%	57.0	56.9	-0.2	-0.3%	
55.6%	57.0	56.8	-0.2	-0.3%	
56.8%	56.9	56.8	-0.1	-0.1%	
58.0%	56.8	56.8	-0.1	-0.1%	
59.3%	56.8	56.8	-0.1	-0.1%	
60.5%	56.8	56.7	-0.1	-0.2%	
61.7%	56.8	56.7	-0.1	-0.2%	
63.0%	56.8	56.7	-0.1	-0.2%	
64.2%	56.7	56.6	-0.1	-0.2%	
65.4%	56.6	56.4	-0.2	-0.3%	
66.7%	56.5	56.4	-0.1	-0.2%	
67.9%	56.5	56.3	-0.2	-0.4%	
69.1%	56.5	56.2	-0.3	-0.5%	
70.4%	56.5	56.2	-0.3	-0.6%	
71.6%	56.3	56.1	-0.2	-0.4%	
72.8%	56.3	56.1	-0.2	-0.4%	
74.1%	56.2	56.1	-0.1	-0.2%	
75.3%	56.2	56.1	-0.1	-0.2%	
76.5%	56.0	55.9	-0.1	-0.2%	
77.8%	55.9	55.9	0.0	0.1%	
79.0%	55.8	55.9	0.0	0.1%	
80.2%	55.8	55.8	0.1	0.1%	
81.5%	55.7	55.6	-0.1	-0.2%	
82.7%	55.7	55.5	-0.2	-0.4%	
84.0%	55.3	55.5	0.2	0.3%	
85.2%	55.3	55.3	-0.1	-0.1%	
86.4%	55.3	55.2	-0.1	-0.1%	
87.7%	55.2	55.1	-0.1	-0.2%	
88.9%	55.2	54.9	-0.3	-0.6%	
90.1%	55.2	54.9	-0.3	-0.5%	
91.4%	55.1	54.9	-0.2	-0.4%	
92.6%	54.8	54.7	-0.1	-0.2%	
93.8%	54.7	54.7	0.0	0.1%	
95.1%	54.6	54.7	0.1	0.1%	
96.3%	54.4	54.4	0.1	0.1%	
97.5%	54.3	53.9	-0.4	-0.7%	
98.8%	53.9	53.8	-0.1	-0.2%	
100.0%	53.9	53.5	0.0	-0.7%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.9	54.1	0.2	0.4%	
1.2%	53.9	54.0	0.1	0.1%	
2.5%	53.9	53.6	-0.3	-0.5%	
3.7%	53.2	53.2	0.0	0.1%	
4.9%	53.1	53.2	0.0	0.1%	
6.2%	53.0	53.1	0.0	0.1%	
7.4%	52.9	52.8	-0.1	-0.2%	
8.6%	52.8	52.6	-0.2	-0.3%	
9.9%	52.7	52.5	-0.1	-0.3%	
11.1%	52.5	52.1	-0.4	-0.7%	
12.3%	52.5	52.1	-0.4	-0.7%	
13.6%	52.4	52.1	-0.4	-0.7%	
14.8%	52.4	52.0	-0.3	-0.6%	
16.0%	52.3	52.0	-0.3	-0.5%	
17.3%	52.2	52.0	-0.2	-0.4%	
18.5%	52.1	52.0	-0.1	-0.2%	
19.8%	52.0	51.9	-0.1	-0.1%	
21.0%	52.0	51.9	-0.1	-0.3%	
22.2%	51.9	51.8	-0.1	-0.3%	
23.5%	51.9	51.8	-0.1	-0.2%	
24.7%	51.9	51.8	-0.1	-0.1%	
25.9%	51.8	51.7	-0.1	-0.2%	
27.2%	51.8	51.7	-0.2	-0.3%	
28.4%	51.7	51.6	-0.1	-0.2%	
29.6%	51.7	51.5	-0.2	-0.4%	
30.9%	51.7	51.5	-0.1	-0.3%	
32.1%	51.6	51.5	-0.2	-0.3%	
33.3%	51.6	51.5	-0.2	-0.3%	
34.5%	51.5	51.5	-0.1	-0.1%	
35.8%	51.5	51.4	-0.1	-0.2%	
37.0%	51.5	51.3	-0.2	-0.3%	
38.3%	51.4	51.3	-0.2	-0.3%	
39.5%	51.4	51.2	-0.2	-0.3%	
40.7%	51.4	51.2	-0.2	-0.3%	
42.0%	51.2	51.2	0.0	0.0%	
43.2%	51.1	51.2	0.1	0.2%	
44.4%	51.0	51.1	0.1	0.1%	
45.7%	51.0	51.1	0.1	0.1%	
46.9%	51.0	51.0	0.0	0.1%	
48.1%	51.0	51.0	0.0	0.0%	
49.4%	50.9	51.0	0.1	0.1%	
50.6%	50.9	50.9	0.0	0.0%	
51.9%	50.9	50.9	0.0	0.0%	
53.1%	50.9	50.8	0.0	0.0%	
54.3%	50.8	50.8	0.0	0.0%	
55.6%	50.8	50.8	0.0	0.0%	
56.8%	50.8	50.8	0.0	0.0%	
58.0%	50.7	50.8	0.0	0.0%	
59.3%	50.7	50.7	0.0	-0.1%	
60.5%	50.7	50.6	0.0	0.0%	
61.7%	50.6	50.5	-0.1	-0.2%	
63.0%	50.6	50.5	-0.1	-0.2%	
64.2%	50.5	50.4	-0.2	-0.4%	
65.4%	50.4	50.4	-0.2	-0.3%	
66.7%	50.4	50.2	-0.2	-0.4%	
67.9%	50.4	50.2	-0.2	-0.5%	
69.1%	50.2	50.1	-0.1	-0.3%	
70.4%	50.2	50.0	-0.1	-0.3%	
71.6%	50.1	50.0	-0.1	-0.2%	
72.8%	50.0	50.0	-0.1	-0.2%	
74.1%	50.0	49.9	-0.1	-0.2%	
75.3%	50.0	49.9	-0.1	-0.2%	
76.5%	49.9	49.9	0.0	-0.1%	
77.8%	49.9	49.9	0.0	0.0%	
79.0%	49.8	49.8	0.0	0.0%	
80.2%	49.8	49.8	0.0	0.0%	
81.5%	49.8	49.7	0.0	0.0%	
82.7%	49.7	49.7	0.0	0.0%	
84.0%	49.7	49.7	0.0	0.0%	
85.2%	49.7	49.6	-0.1	-0.2%	
86.4%	49.6	49.4	-0.2	-0.3%	
87.7%	49.3	49.3	0.0	0.0%	
88.9%	49.1	49.2	0.2	0.3%	
90.1%	49.1	49.1	0.1	0.1%	
91.4%	49.0	49.1	0.1	0.2%	
92.6%	49.0	49.0	0.1	0.1%	
93.8%	48.9	48.9	0.0	0.1%	
95.1%	48.8	48.8	-0.1	-0.1%	
96.3%	48.5	48.3	-0.2	-0.5%	
97.5%	48.5	48.2	-0.3	-0.6%	
98.8%	48.4	48.2	-0.1	-0.3%	
100.0%	47.1	46.5	-0.6	-1.4%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.7	48.8	0.2	0.3%	
1.2%	47.6	47.8	0.2	0.5%	
2.5%	47.5	47.5	0.0	-0.1%	
3.7%	47.3	47.4	0.1	0.1%	
4.9%	47.1	47.4	0.3	0.6%	
6.2%	47.1	47.3	0.2	0.5%	
7.4%	46.9	47.1	0.1	0.2%	
8.6%	46.9	46.8	-0.1	-0.1%	
9.9%	46.8	46.8	0.0	0.0%	
11.1%	46.7	46.7	-0.1	-0.1%	
12.3%	46.7	46.7	-0.1	-0.1%	
13.6%	46.7	46.6	-0.1	-0.3%	
14.8%	46.6	46.4	-0.1	-0.3%	
16.0%	46.5	46.4	-0.1	-0.3%	
17.3%	46.5	46.4	-0.2	-0.3%	
18.5%	46.5	46.3	-0.2	-0.4%	
19.8%	46.4	46.3	-0.1	-0.2%	
21.0%	46.4	46.2	-0.1	-0.2%	
22.2%	46.2	46.2	0.0	-0.1%	
23.5%	46.0	46.2	0.1	0.3%	
24.7%	46.0	46.2	0.1	0.3%	
25.9%	46.0	46.1	0.1	0.2%	
27.2%	46.0	46.0	0.0	0.0%	
28.4%	46.0	46.0	0.0	0.0%	
29.6%	46.0	46.0	0.0	0.0%	
30.9%	45.9	46.0	0.0	0.1%	
32.1%	45.9	45.9	0.0	0.1%	
33.3%	45.9	45.9	0.0	0.1%	
34.5%	45.9	45.9	0.0	0.1%	
35.8%	45.8	45.9	0.1	0.1%	
37.0%	45.8	45.8	0.0	0.1%	
38.3%	45.8	45.8	0.0	0.1%	
39.5%	45.8	45.8	0.1	0.2%	
40.7%	45.7	45.8	0.1	0.2%	
42.0%	45.7	45.8	0.1	0.2%	
43.2%	45.6	45.7	0.2	0.4%	
44.4%	45.6	45.7	0.2	0.4%	
45.7%	45.5	45.7	0.1	0.3%	
46.9%	45.5	45.6	0.1	0.2%	
48.1%	45.5	45.6	0.1	0.1%	
49.4%	45.5	45.6	0.1	0.1%	
50.6%	45.5	45.6	0.1	0.2%	
51.9%	45.4	45.5	0.1	0.2%	
53.1%	45.4	45.5	0.1	0.2%	
54.3%	45.4	45.5	0.1	0.2%	
55.6%	45.3	45.4	0.0	0.0%	
56.8%	45.3	45.4	0.0	0.1%	
58.0%	45.3	45.4	0.1	0.2%	
59.3%	45.2	45.3	0.1	0.3%	
60.5%	45.2	45.3	0.1	0.2%	
61.7%	45.1	45.2	0.1	0.2%	
63.0%	45.1	45.2	0.1	0.2%	
64.2%	45.0	45.0	0.0	0.0%	
65.4%	45.0	44.9	-0.1	-0.3%	
66.7%	44.9	44.8	-0.1	-0.2%	
67.9%	44.8	44.8	0.0	-0.1%	
69.1%	44.7	44.8	0.1	0.1%	
70.4%	44.5	44.6	0.1	0.2%	
71.6%	44.5	44.6	0.1	0.3%	
72.8%	44.5	44.6	0.1	0.2%	
74.1%	44.5	44.5	0.1	0.1%	
75.3%	44.4	44.5	0.0	0.0%	
76.5%	44.4	44.4	0.1	0.1%	
77.8%	44.3	44.4	0.1	0.1%	
79.0%	44.3	44.4	0.1	0.2%	
80.2%	44.				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.5	50.6	0.1	0.2%	
1.2%	49.9	49.8	-0.1	-0.2%	
2.5%	49.7	49.7	0.0	-0.1%	
3.7%	49.6	49.7	0.1	0.1%	
4.9%	49.4	49.6	0.2	0.5%	
6.2%	49.3	49.5	0.1	0.3%	
7.4%	49.3	49.4	0.0	0.1%	
8.6%	49.2	49.4	0.2	0.3%	
9.9%	49.0	48.9	-0.1	-0.2%	
11.1%	48.8	48.7	-0.1	-0.3%	
12.3%	48.6	48.6	0.0	0.0%	
13.6%	48.4	48.5	0.1	0.2%	
14.8%	48.4	48.5	0.1	0.3%	
16.0%	48.3	48.2	-0.1	-0.2%	
17.3%	48.2	48.2	0.0	0.0%	
18.5%	48.2	48.1	-0.1	-0.1%	
19.8%	48.1	48.1	0.0	0.0%	
21.0%	48.1	48.0	-0.1	-0.2%	
22.2%	48.0	48.0	-0.1	-0.2%	
23.5%	47.9	47.9	0.0	0.0%	
24.7%	47.8	47.8	0.0	-0.1%	
25.9%	47.8	47.8	0.0	-0.1%	
27.2%	47.8	47.8	0.0	-0.1%	
28.4%	47.8	47.7	0.0	-0.1%	
29.6%	47.7	47.7	0.0	-0.1%	
30.9%	47.7	47.7	0.0	0.0%	
32.1%	47.6	47.6	0.0	-0.1%	
33.3%	47.6	47.6	-0.1	-0.1%	
34.5%	47.6	47.6	-0.1	-0.1%	
35.8%	47.6	47.5	-0.1	-0.2%	
37.0%	47.5	47.4	-0.1	-0.2%	
38.3%	47.4	47.4	0.0	0.0%	
39.5%	47.4	47.4	0.0	0.0%	
40.7%	47.3	47.4	0.0	0.1%	
42.0%	47.3	47.3	-0.1	-0.1%	
43.2%	47.3	47.2	-0.1	-0.3%	
44.4%	47.3	47.2	-0.1	-0.2%	
45.7%	47.2	47.1	-0.1	-0.2%	
46.9%	47.2	47.0	-0.1	-0.3%	
48.1%	47.2	47.0	-0.2	-0.3%	
49.4%	47.0	47.0	-0.1	-0.2%	
50.6%	47.0	46.9	0.0	0.0%	
51.9%	47.0	46.9	0.0	0.0%	
53.1%	46.9	46.8	-0.1	-0.2%	
54.3%	46.8	46.8	0.0	0.1%	
55.6%	46.7	46.8	0.0	0.1%	
56.8%	46.7	46.7	0.1	0.1%	
58.0%	46.6	46.7	0.1	0.2%	
59.3%	46.6	46.6	0.0	0.0%	
60.5%	46.6	46.6	0.0	0.0%	
61.7%	46.6	46.6	0.0	0.0%	
63.0%	46.6	46.6	0.0	0.0%	
64.2%	46.6	46.6	0.0	0.0%	
65.4%	46.5	46.5	0.0	0.0%	
66.7%	46.5	46.5	0.0	0.1%	
67.9%	46.4	46.4	0.0	0.0%	
69.1%	46.3	46.4	0.0	0.1%	
70.4%	46.3	46.3	0.0	0.1%	
71.6%	46.3	46.3	0.0	0.0%	
72.8%	46.2	46.2	0.0	-0.1%	
74.1%	46.2	45.9	-0.3	-0.7%	
75.3%	45.9	45.9	0.0	-0.1%	
76.5%	45.8	45.9	0.0	0.1%	
77.8%	45.8	45.8	0.0	0.0%	
79.0%	45.8	45.8	0.0	0.0%	
80.2%	45.7	45.6	-0.1	-0.2%	
81.5%	45.6	45.6	0.0	0.1%	
82.7%	45.6	45.6	0.0	0.1%	
84.0%	45.6	45.6	0.0	0.1%	
85.2%	45.5	45.5	0.0	-0.1%	
86.4%	45.4	45.4	0.0	-0.1%	
87.7%	45.3	45.3	0.0	0.1%	
88.9%	45.3	45.3	0.0	0.1%	
90.1%	45.1	45.1	0.0	0.0%	
91.4%	45.1	45.1	0.0	0.0%	
92.6%	45.1	45.1	0.0	0.0%	
93.8%	45.1	45.1	0.0	0.0%	
95.1%	44.9	44.9	0.0	0.1%	
96.3%	44.7	44.7	0.1	0.1%	
97.5%	44.6	44.7	0.1	0.1%	
98.8%	44.4	44.3	0.0	-0.1%	
100.0%	43.8	43.8	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.4	56.3	0.0	0.0%	
1.2%	56.0	56.1	0.1	0.1%	
2.5%	55.6	55.7	0.1	0.2%	
3.7%	55.6	55.6	0.0	-0.1%	
4.9%	55.2	55.2	0.0	-0.1%	
6.2%	54.9	54.9	0.0	0.1%	
7.4%	54.4	54.3	-0.1	-0.2%	
8.6%	54.0	54.0	0.0	0.0%	
9.9%	53.8	53.9	0.2	0.3%	
11.1%	53.7	53.8	0.2	0.3%	
12.3%	53.5	53.6	0.2	0.5%	
13.6%	53.4	53.7	0.3	0.6%	
14.8%	53.4	53.6	0.1	0.2%	
16.0%	53.4	53.4	0.0	0.1%	
17.3%	53.4	53.4	0.0	0.0%	
18.5%	53.3	53.4	0.1	0.1%	
19.8%	53.3	53.3	0.1	0.1%	
21.0%	53.1	53.1	0.0	0.1%	
22.2%	53.1	53.1	0.0	0.1%	
23.5%	52.9	53.0	0.1	0.2%	
24.7%	52.9	53.0	0.1	0.2%	
25.9%	52.8	52.9	0.1	0.2%	
27.2%	52.6	52.9	0.3	0.6%	
28.4%	52.6	52.8	0.2	0.4%	
29.6%	52.5	52.7	0.2	0.5%	
30.9%	52.4	52.5	0.1	0.1%	
32.1%	52.4	52.4	0.1	0.1%	
33.3%	52.3	52.4	0.1	0.1%	
34.5%	52.3	52.4	0.1	0.1%	
35.8%	52.3	52.3	0.0	0.0%	
37.0%	52.1	52.2	0.2	0.3%	
38.3%	52.0	52.1	0.2	0.4%	
39.5%	51.8	51.9	0.1	0.2%	
40.7%	51.8	51.9	0.1	0.2%	
42.0%	51.9	51.9	0.1	0.2%	
43.2%	51.7	51.8	0.1	0.2%	
44.4%	51.7	51.8	0.1	0.2%	
45.7%	51.6	51.8	0.1	0.3%	
46.9%	51.6	51.7	0.1	0.2%	
48.1%	51.5	51.7	0.2	0.4%	
49.4%	51.4	51.6	0.2	0.5%	
50.6%	51.4	51.6	0.2	0.5%	
51.9%	51.4	51.5	0.1	0.3%	
53.1%	51.3	51.5	0.2	0.3%	
54.3%	51.2	51.4	0.2	0.4%	
55.6%	51.1	51.2	0.1	0.2%	
56.8%	51.1	51.2	0.0	0.1%	
58.0%	51.0	51.1	0.1	0.2%	
59.3%	51.0	51.0	0.1	0.1%	
60.5%	50.9	51.0	0.1	0.2%	
61.7%	50.9	51.0	0.1	0.1%	
63.0%	50.9	50.9	0.0	0.0%	
64.2%	50.7	50.8	0.1	0.2%	
65.4%	50.7	50.7	0.1	0.1%	
66.7%	50.6	50.6	0.0	0.0%	
67.9%	50.5	50.6	0.1	0.2%	
69.1%	50.5	50.6	0.1	0.2%	
70.4%	50.3	50.4	0.2	0.3%	
71.6%	50.3	50.4	0.2	0.3%	
72.8%	50.2	50.4	0.2	0.5%	
74.1%	50.2	50.4	0.2	0.5%	
75.3%	50.0	50.2	0.2	0.4%	
76.5%	50.0	50.0	0.1	0.1%	
77.8%	49.7	49.8	0.0	0.1%	
79.0%	49.5	49.5	0.0	0.1%	
80.2%	49.4	49.4	-0.1	-0.1%	
81.5%	49.2	49.3	0.0	0.1%	
82.7%	49.2	49.2	0.0	0.0%	
84.0%	49.1	49.1	0.0	0.0%	
85.2%	49.0	49.1	0.1	0.2%	
86.4%	48.9	49.0	0.1	0.2%	
87.7%	48.9	48.9	0.0	0.1%	
88.9%	48.8	48.9	0.1	0.2%	
90.1%	48.7	48.8	0.0	0.1%	
91.4%	48.6	48.7	0.1	0.2%	
92.6%	48.6	48.7	0.1	0.2%	
93.8%	48.5	48.6	0.1	0.3%	
95.1%	48.3	48.3	0.0	0.0%	
96.3%	48.1	48.1	0.0	0.1%	
97.5%	48.0	48.0	0.0	0.1%	
98.8%	47.7	47.7	0.0	0.0%	
100.0%	47.6	47.6	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.3	62.3	1.0	1.7%	
1.2%	60.9	62.1	1.2	2.0%	
2.5%	60.4	61.5	1.2	2.0%	
3.7%	60.3	61.0	0.7	1.2%	
4.9%	60.3	60.6	0.4	0.6%	
6.2%	60.0	60.4	0.4	0.6%	
7.4%	59.7	60.4	0.7	1.2%	
8.6%	59.6	60.3	0.7	1.2%	
9.9%	59.5	60.2	0.7	1.1%	
11.1%	59.4	60.1	0.7	1.2%	
12.3%	59.2	60.1	0.9	1.5%	
13.6%	59.1	60.1	0.9	1.6%	
14.8%	59.1	60.0	0.9	1.5%	
16.0%	58.7	59.9	1.2	2.1%	
17.3%	58.7	59.8	1.1	1.9%	
18.5%	58.6	59.6	1.0	1.7%	
19.8%	58.6	59.1	0.5	0.8%	
21.0%	58.5	59.1	0.6	1.0%	
22.2%	58.4	58.9	0.5	0.8%	
23.5%	58.3	58.8	0.5	0.8%	
24.7%	58.2	58.8	0.6	0.9%	
25.9%	58.2	58.7	0.5	0.9%	
27.2%	58.1	58.7	0.5	0.9%	
28.4%	58.1	58.6	0.5	0.8%	
29.6%	58.1	58.6	0.5	0.8%	
30.9%	58.1	58.5	0.5	0.8%	
32.1%	58.1	58.4	0.4	0.7%	
33.3%	58.0	58.4	0.4	0.7%	
34.5%	57.9	58.2	0.3	0.5%	
35.8%	57.9	58.1	0.2	0.4%	
37.0%	57.9	58.1	0.2	0.4%	
38.3%	57.7	58.0	0.3	0.5%	
39.5%	57.5	57.9	0.4	0.6%	
40.7%	57.4	57.8	0.4	0.7%	
42.0%	57.4	57.8	0.4	0.7%	
43.2%	57.4	57.8	0.4	0.7%	
44.4%	57.3	57.7	0.4	0.7%	
45.7%	57.2	57.7	0.5	0.8%	
46.9%	57.2	57.6	0.3	0.6%	
48.1%	57.2	57.4	0.2	0.4%	
49.4%	57.0	57.4	0.4	0.7%	
50.6%	57.0	57.3	0.3	0.5%	
51.9%	56.8	57.3	0.4	0.8%	
53.1%	56.8	57.2	0.4	0.7%	
54.3%	56.7	57.2	0.5	0.9%	
55.6%	56.6	57.2	0.6	1.0%	
56.8%	56.5	57.1	0.6	1.0%	
58.0%	56.5	57.0	0.5	0.8%	
59.3%	56.4	57.0	0.5	0.9%	
60.5%	56.4	56.7	0.3	0.6%	
61.7%	56.3	56.6	0.3	0.5%	
63.0%	56.3	56.5	0.2	0.3%	
64.2%	56.1	56.4	0.3	0.5%	
65.4%	56.0	56.3	0.3	0.5%	
66.7%	56.0	56.3	0.3	0.5%	
67.9%	55.9	56.3	0.4	0.7%	
69.1%	55.8	56.0	0.2	0.3%	
70.4%	55.6	55.9	0.3	0.6%	
71.6%	55.6	55.9	0.3	0.5%	
72.8%	55.5	55.8	0.4	0.6%	
74.1%	55.4	55.8	0.3	0.6%	
75.3%	55.3	55.7	0.5	0.8%	
76.5%	55.1	55.4	0.3	0.5%	
77.8%	54.8	55.1	0.3	0.5%	
79.0%	54.8	55.0	0.2	0.3%	
80.2%	54.				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.6	67.8	0.2	0.3%	
1.2%	67.6	66.7	-0.9	-1.3%	
2.5%	66.7	66.7	0.0	-0.1%	
3.7%	66.6	66.4	-0.2	-0.3%	
4.9%	66.4	66.2	-0.2	-0.3%	
6.2%	66.4	65.4	-1.0	-1.4%	
7.4%	66.0	65.4	-0.6	-0.9%	
8.6%	65.9	65.3	-0.6	-0.9%	
9.9%	65.9	65.2	-0.6	-1.0%	
11.1%	65.7	65.2	-0.6	-0.9%	
12.3%	65.7	65.1	-0.6	-0.9%	
13.6%	65.5	65.0	-0.5	-0.7%	
14.8%	65.4	65.0	-0.4	-0.6%	
16.0%	65.3	64.9	-0.4	-0.6%	
17.3%	65.2	64.9	-0.3	-0.4%	
18.5%	65.2	64.9	-0.3	-0.5%	
19.8%	65.1	64.8	-0.4	-0.5%	
21.0%	65.1	64.8	-0.4	-0.5%	
22.2%	65.1	64.7	-0.5	-0.7%	
23.5%	65.1	64.6	-0.5	-0.7%	
24.7%	65.1	64.5	-0.5	-0.8%	
25.9%	64.5	64.5	0.0	-0.4%	
27.2%	64.9	64.5	-0.4	-0.6%	
28.4%	64.9	64.5	-0.4	-0.6%	
29.6%	64.9	64.5	-0.4	-0.6%	
30.9%	64.9	64.5	-0.4	-0.6%	
32.1%	64.6	64.5	-0.2	-0.3%	
33.3%	64.6	64.4	-0.2	-0.3%	
34.5%	64.5	64.1	-0.4	-0.6%	
35.8%	64.5	64.0	-0.5	-0.8%	
37.0%	64.4	64.0	-0.4	-0.7%	
38.3%	64.4	64.0	-0.5	-0.8%	
39.5%	64.4	63.9	-0.5	-0.7%	
40.7%	64.3	63.9	-0.3	-0.5%	
42.0%	64.2	63.9	-0.3	-0.5%	
43.2%	64.2	63.9	-0.3	-0.5%	
44.4%	64.2	63.8	-0.4	-0.6%	
45.7%	64.2	63.8	-0.4	-0.6%	
46.9%	64.1	63.6	-0.5	-0.8%	
48.1%	64.0	63.6	-0.4	-0.6%	
49.4%	64.0	63.6	-0.4	-0.6%	
50.6%	63.9	63.6	-0.3	-0.4%	
51.9%	63.9	63.6	-0.3	-0.4%	
53.1%	63.8	63.6	-0.2	-0.4%	
54.3%	63.7	63.5	-0.3	-0.4%	
55.6%	63.7	63.4	-0.3	-0.4%	
56.8%	63.6	63.3	-0.3	-0.4%	
58.0%	63.5	63.3	-0.2	-0.3%	
59.3%	63.4	63.3	-0.1	-0.2%	
60.5%	63.4	63.3	-0.1	-0.2%	
61.7%	63.3	63.2	-0.1	-0.2%	
63.0%	63.3	63.2	-0.1	-0.2%	
64.2%	63.2	63.2	0.0	-0.2%	
65.4%	63.2	63.1	-0.1	-0.2%	
66.7%	63.2	63.0	-0.2	-0.3%	
67.9%	63.1	63.0	-0.2	-0.3%	
69.1%	63.1	63.0	-0.2	-0.3%	
70.4%	63.1	62.8	-0.3	-0.5%	
71.6%	63.0	62.7	-0.3	-0.4%	
72.8%	63.0	62.7	-0.3	-0.4%	
74.1%	63.0	62.6	-0.3	-0.5%	
75.3%	62.9	62.6	-0.3	-0.6%	
76.5%	62.9	62.6	-0.4	-0.6%	
77.8%	62.9	62.5	-0.4	-0.6%	
79.0%	62.9	62.5	-0.3	-0.5%	
80.2%	62.8	62.5	-0.3	-0.5%	
81.5%	62.8	62.5	-0.3	-0.5%	
82.7%	62.7	62.5	-0.2	-0.4%	
84.0%	62.6	62.4	-0.2	-0.4%	
85.2%	62.6	62.3	-0.3	-0.4%	
86.4%	62.5	62.3	-0.2	-0.4%	
87.7%	62.5	62.2	-0.3	-0.4%	
88.9%	62.4	62.2	-0.2	-0.4%	
90.1%	62.4	61.8	-0.6	-0.9%	
91.4%	62.4	61.8	-0.6	-0.9%	
92.6%	62.2	61.7	-0.5	-0.8%	
93.8%	62.0	61.4	-0.7	-1.1%	
95.1%	62.0	61.4	-0.6	-1.0%	
96.3%	61.8	61.3	-0.5	-0.9%	
97.5%	61.5	61.1	-0.4	-0.6%	
98.8%	61.5	61.0	-0.4	-0.7%	
100.0%	60.6	60.7	0.2	0.3%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	69.7	69.5	-0.2	-0.3%	
1.2%	69.6	68.4	-1.2	-1.7%	
2.5%	68.7	68.2	-0.5	-0.8%	
3.7%	68.7	68.0	-0.4	-0.6%	
4.9%	68.1	67.8	-0.3	-0.5%	
6.2%	67.9	67.6	-0.3	-0.4%	
7.4%	67.9	67.5	-0.3	-0.5%	
8.6%	67.8	67.1	-0.7	-1.1%	
9.9%	67.7	67.0	-0.6	-0.9%	
11.1%	67.6	66.8	-0.3	-0.5%	
12.3%	67.6	66.8	-0.8	-1.1%	
13.6%	67.6	66.8	-0.8	-1.1%	
14.8%	67.5	66.8	-0.7	-1.1%	
16.0%	67.1	66.8	-0.4	-0.6%	
17.3%	67.1	66.7	-0.4	-0.6%	
18.5%	67.0	66.6	-0.4	-0.7%	
19.8%	67.0	66.6	-0.4	-0.5%	
21.0%	66.8	66.6	-0.3	-0.4%	
22.2%	66.7	66.3	-0.4	-0.6%	
23.5%	66.7	66.3	-0.4	-0.6%	
24.7%	66.7	66.2	-0.5	-0.7%	
25.9%	66.7	66.5	-0.2	-0.3%	
27.2%	66.4	66.2	-0.3	-0.4%	
28.4%	66.4	66.1	-0.3	-0.5%	
29.6%	66.4	66.0	-0.4	-0.6%	
30.9%	66.4	66.0	-0.4	-0.7%	
32.1%	66.4	66.0	-0.4	-0.7%	
33.3%	66.3	65.8	-0.5	-0.7%	
34.5%	66.2	65.7	-0.5	-0.7%	
35.8%	66.0	65.7	-0.4	-0.5%	
37.0%	65.9	65.6	-0.3	-0.4%	
38.3%	65.9	65.6	-0.3	-0.4%	
39.5%	65.9	65.6	-0.3	-0.5%	
40.7%	65.8	65.3	-0.5	-0.7%	
42.0%	65.7	65.3	-0.3	-0.5%	
43.2%	65.6	65.3	-0.3	-0.5%	
44.4%	65.5	65.3	-0.2	-0.3%	
45.7%	65.5	65.2	-0.2	-0.3%	
46.9%	65.4	65.1	-0.3	-0.5%	
48.1%	65.4	65.1	-0.3	-0.5%	
49.4%	65.3	65.0	-0.2	-0.4%	
50.6%	65.3	65.0	-0.3	-0.4%	
51.9%	65.3	65.0	-0.3	-0.4%	
53.1%	65.3	64.9	-0.3	-0.5%	
54.3%	65.2	64.8	-0.4	-0.6%	
55.6%	65.2	64.8	-0.4	-0.6%	
56.8%	65.1	64.8	-0.3	-0.5%	
58.0%	65.1	64.8	-0.3	-0.5%	
59.3%	65.1	64.7	-0.4	-0.7%	
60.5%	65.0	64.5	-0.5	-0.8%	
61.7%	65.0	64.4	-0.6	-0.9%	
63.0%	64.9	64.4	-0.5	-0.8%	
64.2%	64.9	64.3	-0.6	-0.9%	
65.4%	64.8	64.3	-0.6	-0.9%	
66.7%	64.7	64.2	-0.6	-0.9%	
67.9%	64.6	64.1	-0.5	-0.8%	
69.1%	64.5	64.0	-0.5	-0.7%	
70.4%	64.5	64.0	-0.5	-0.7%	
71.6%	64.5	64.0	-0.5	-0.8%	
72.8%	64.4	64.0	-0.5	-0.7%	
74.1%	64.4	64.0	-0.5	-0.7%	
75.3%	64.3	63.9	-0.4	-0.6%	
76.5%	64.3	63.9	-0.3	-0.5%	
77.8%	64.2	63.9	-0.3	-0.5%	
79.0%	64.2	63.9	-0.3	-0.5%	
80.2%	64.1	63.7	-0.4	-0.6%	
81.5%	63.9	63.6	-0.4	-0.6%	
82.7%	63.9	63.5	-0.4	-0.7%	
84.0%	63.9	63.4	-0.5	-0.8%	
85.2%	63.9	63.2	-0.7	-1.1%	
86.4%	63.7	63.1	-0.6	-0.9%	
87.7%	63.7	63.1	-0.6	-1.0%	
88.9%	63.4	62.8	-0.5	-0.9%	
90.1%	63.3	62.7	-0.7	-1.1%	
91.4%	63.3	62.6	-0.6	-1.0%	
92.6%	63.2	62.6	-0.6	-1.0%	
93.8%	63.1	62.5	-0.6	-1.0%	
95.1%	63.1	62.5	-0.6	-1.0%	
96.3%	62.7	63.1	0.4	0.9%	
97.5%	62.7	61.8	-0.9	-1.4%	
98.8%	62.4	61.8	-0.6	-1.0%	
100.0%	62.0	61.7	-0.3	-0.5%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	71.7	70.9	-0.9	-1.2%	
1.2%	71.5	68.3	-3.2	-4.5%	
2.5%	69.9	68.2	-1.7	-2.4%	
3.7%	68.7	68.1	-0.6	-0.9%	
4.9%	69.3	67.9	-1.4	-2.0%	
6.2%	68.9	67.8	-1.1	-1.6%	
7.4%	68.2	67.6	-0.6	-0.8%	
8.6%	68.0	67.6	-0.4	-0.6%	
9.9%	68.0	67.1	-0.9	-1.3%	
11.1%	68.0	67.1	-0.9	-1.2%	
12.3%	67.9	67.0	-0.8	-1.2%	
13.6%	67.8	67.0	-0.8	-1.2%	
14.8%	67.7	67.0	-0.8	-1.2%	
16.0%	67.3	66.7	-0.6	-0.8%	
17.3%	67.3	66.7	-0.6	-0.8%	
18.5%	67.2	66.6	-0.6	-0.8%	
19.8%	67.1	66.6	-0.6	-0.9%	
21.0%	67.0	66.5	-0.6	-0.8%	
22.2%	67.0	66.5	-0.5	-0.7%	
23.5%	66.6	66.4	-0.2	-0.2%	
24.7%	66.5	66.4	-0.1	-0.1%	
25.9%	66.4	66.4	0.0	0.0%	
27.2%	66.4	66.3	-0.1	-0.1%	
28.4%	66.3	66.3	0.0	0.0%	
29.6%	66.3	66.2	-0.1	-0.2%	
30.9%	66.3	66.2	-0.1	-0.1%	
32.1%	66.2	66.1	-0.1	-0.1%	
33.3%	66.2	66.1	-0.1	-0.1%	
34.5%	66.1	66.1	0.0	0.0%	
35.8%	66.1	66.1	0.0	0.0%	
37.0%	66.1	66.1	0.0	0.0%	
38.3%	66.0	66.0	0.0	0.0%	
39.5%	65.9	65.9	0.0	0.0%	
40.7%	65.9	65.8	-0.1	-0.1%	
42.0%	65.9	65.7	-0.1	-0.1%	
43.2%	65.8	65.7	-0.1	-0.2%	
44.4%	65.8	65.7	-0.1	-0.2%	
45.7%	65.7	65.6	-0.1	-0.1%	
46.9%	65.6	65.6	0.0	0.0%	
48.1%	65.5	65.6	0.0	0.0%	
49.4%	65.5	65.4	-0.1	-0.1%	
50.6%	65.5	65.4	0.0	0.0%	
51.9%	65.4	65.4	0.0	0.0%	
53.1%	65.4	65.4	0.0	0.0%	
54.3%	65.4	65.4	0.0	0.0%	
55.6%	65.4	65.4	0.0	0.0%	
56.8%	65.3	65.4	0.0	0.0%	
58.0%	65.3	65.3	-0.1	-0.1%	
59.3%	65.3	65.1	-0.2	-0.3%	
60.5%	65.2	65.1	-0.1	-0.1%	
61.7%	65.2	65.0	-0.1	-0.2%	
63.0%	65.2	65.0	-0.1	-0.2%	
64.2%	65.1	65.0	-0.1	-0.2%	
65.4%	65.1	65.0	-0.1	-0.2%	
66.7%	65.0	64.9	-0.1	-0.1%	
67.9%	65.0	64.9	-0.2	-0.2%	
69.1%	65.0	64.8	-0.2	-0.3%	
70.4%	64.9	64.7	-0.1	-0.2%	
71.6%	64.8	64.7	-0.1	-0.1%	
72.8%	64.4	64.6	0.1	0.2%	
74.1%	64.4	64.6	0.2	0.3%	
75.3%	64.3	64.5	0.2	0.3%	
76.5%	64.3	64.5	0.2	0.4%	
77.8%	64.3	64.5	0.2	0.4%	
79.0%	64.3	64.5	0.2	0.3%	
80.2%	64.				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative C	58.1	51.1	45.2	44.4	47.2	52.0	57.9	63.8	67.3	69.5	69.5	65.4
Difference	-0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.1	-0.3	-0.8	-0.6	-0.3
Percent Difference	-0.2%	-0.1%	0.1%	0.2%	0.1%	0.3%	0.4%	0.2%	-0.5%	-1.1%	-0.8%	-0.5%
Water Year Types²												
Wet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative C	57.4	51.3	45.3	44.7	46.8	50.7	55.5	62.5	66.7	70.0	70.1	63.3
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	-0.4	-0.7	0.0	-0.2
Percent Difference	-0.3%	-0.1%	0.2%	0.0%	0.1%	0.2%	0.2%	0.0%	-0.6%	-1.0%	0.1%	-0.3%
Above Normal (15%)												
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Alternative C	57.9	50.7	45.6	44.8	47.1	51.8	57.8	64.4	67.6	68.7	69.8	65.4
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.2	0.0	-0.3	-1.1	-0.3	0.0
Percent Difference	-0.1%	0.0%	0.2%	0.2%	0.1%	0.3%	0.4%	0.0%	-0.4%	-1.5%	-0.4%	0.1%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative C	57.5	50.9	45.3	44.2	46.7	52.2	58.9	64.5	67.4	69.0	69.3	66.0
Difference	-0.3	0.0	0.0	0.0	0.1	0.3	0.3	0.2	-0.2	-1.1	-0.5	-0.4
Percent Difference	-0.5%	-0.1%	0.0%	0.1%	0.1%	0.5%	0.5%	0.4%	-0.3%	-1.6%	-0.8%	-0.7%
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative C	58.5	51.4	45.2	44.1	47.5	52.8	59.7	64.3	67.9	69.3	68.9	66.5
Difference	0.0	-0.1	0.0	0.1	0.0	0.2	0.3	0.1	-0.3	-0.7	-0.9	-0.5
Percent Difference	0.0%	-0.2%	-0.1%	0.3%	0.1%	0.4%	0.5%	0.2%	-0.4%	-1.0%	-1.2%	-0.7%
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative C	60.1	50.8	44.7	44.2	48.5	53.7	59.5	64.7	67.3	70.1	69.4	67.3
Difference	-0.1	-0.1	0.0	0.1	0.1	0.2	0.3	-0.2	-0.5	-1.7	-0.4	-0.4
Percent Difference	-0.1%	-0.2%	0.1%	0.2%	0.2%	0.4%	0.5%	-0.3%	-0.8%	-2.3%	-0.6%	-0.6%

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

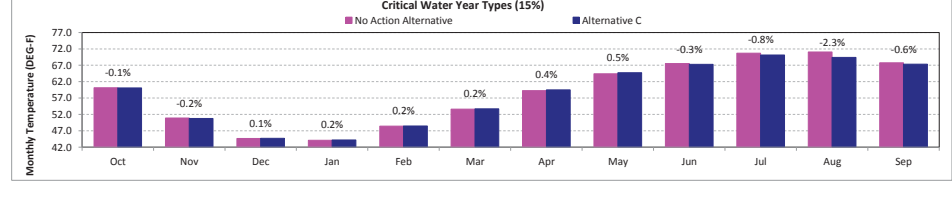
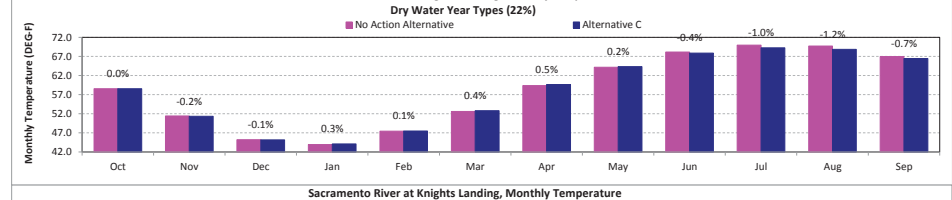
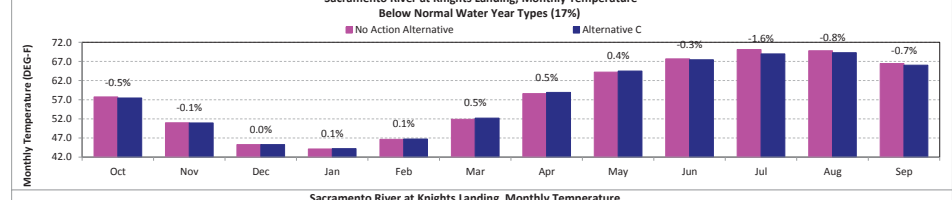
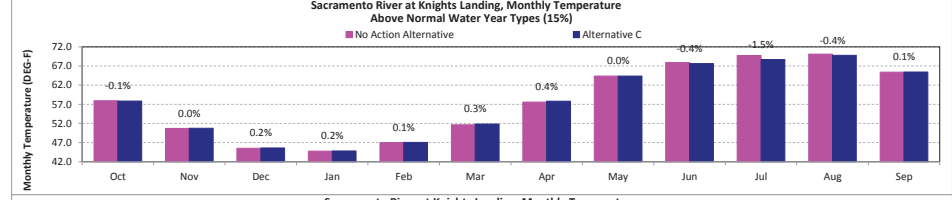
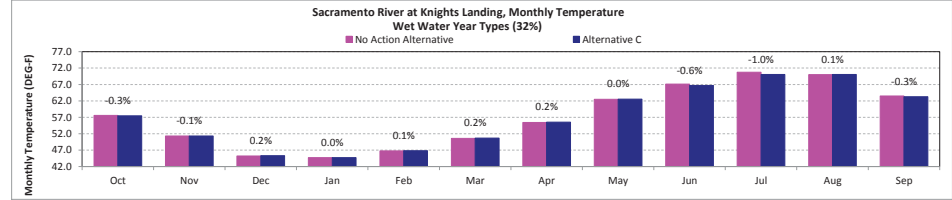
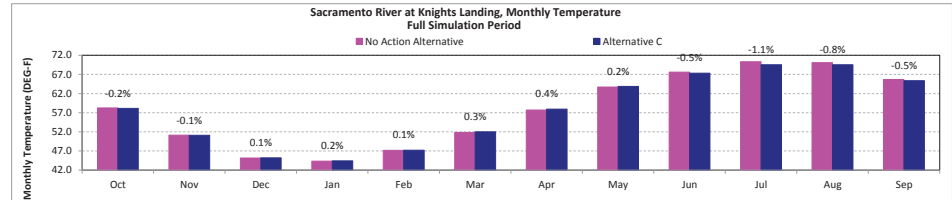


Figure SQ-11-7b
 Sacramento River at Knights Landing, Monthly Temperature
 Probability of Exceedance

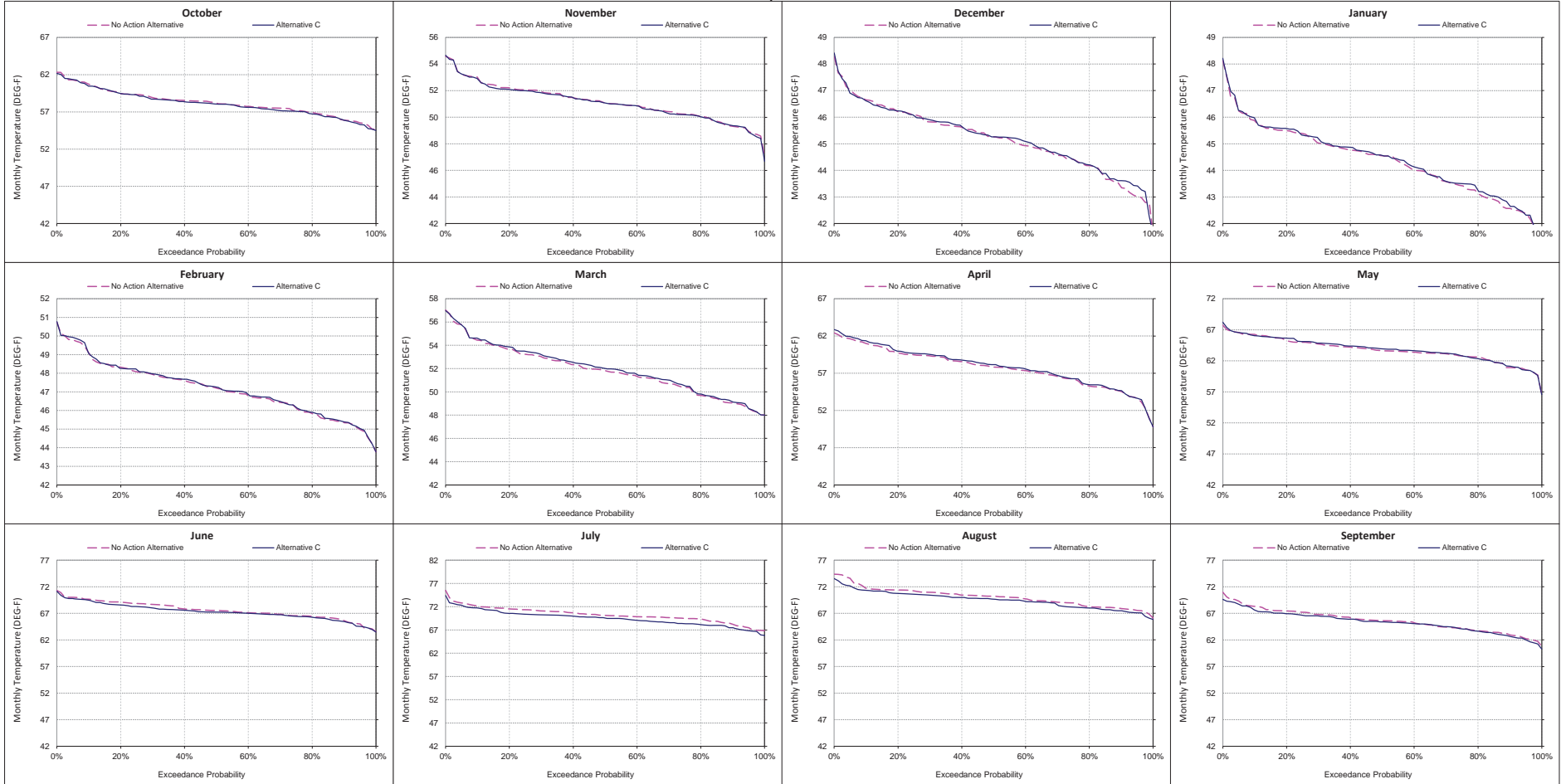


Table SQ-11-7b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	62.3	62.2	-0.1	-0.2%	
1.2%	62.3	62.0	-0.3	-0.5%	
2.5%	61.7	61.5	-0.2	-0.4%	
3.7%	61.3	61.1	-0.2	-0.3%	
4.9%	61.3	61.4	0.1	0.1%	
6.2%	61.2	61.3	0.1	0.1%	
7.4%	61.0	60.9	-0.1	-0.2%	
8.6%	61.0	60.8	-0.2	-0.3%	
9.9%	60.7	60.5	-0.3	-0.4%	
11.1%	60.5	60.5	-0.1	-0.1%	
12.3%	60.4	60.4	0.0	0.0%	
13.6%	60.1	60.1	0.0	0.0%	
14.8%	60.0	60.1	0.1	0.2%	
16.0%	59.8	60.0	0.1	0.2%	
17.3%	59.8	59.8	0.0	0.0%	
18.5%	59.7	59.6	-0.1	-0.2%	
19.8%	59.4	59.5	0.1	0.2%	
21.0%	59.4	59.4	0.0	0.0%	
22.2%	59.4	59.4	0.0	0.0%	
23.5%	59.3	59.3	0.0	-0.1%	
24.7%	59.3	59.3	0.0	-0.1%	
25.9%	59.3	59.1	-0.2	-0.3%	
27.2%	59.2	59.1	-0.1	-0.3%	
28.4%	59.2	58.9	-0.2	-0.4%	
29.6%	59.0	58.7	-0.2	-0.4%	
30.9%	58.8	58.7	-0.1	-0.2%	
32.1%	58.8	58.7	-0.1	-0.2%	
33.3%	58.8	58.6	-0.1	-0.2%	
34.5%	58.7	58.6	-0.1	-0.1%	
35.8%	58.6	58.6	-0.1	-0.1%	
37.0%	58.6	58.5	-0.1	-0.1%	
38.3%	58.6	58.4	-0.2	-0.3%	
39.5%	58.6	58.4	-0.2	-0.3%	
40.7%	58.5	58.3	-0.2	-0.3%	
42.0%	58.5	58.3	-0.2	-0.4%	
43.2%	58.5	58.3	-0.2	-0.3%	
44.4%	58.4	58.3	-0.2	-0.3%	
45.7%	58.4	58.2	-0.2	-0.4%	
46.9%	58.4	58.2	-0.2	-0.4%	
48.1%	58.3	58.2	-0.2	-0.3%	
49.4%	58.3	58.1	-0.2	-0.3%	
50.6%	58.1	58.0	-0.1	-0.1%	
51.9%	58.1	58.0	0.0	-0.1%	
53.1%	58.1	58.0	0.0	-0.1%	
54.3%	57.9	58.0	0.0	0.0%	
55.6%	57.9	57.9	0.0	0.0%	
56.8%	57.9	57.8	-0.1	-0.2%	
58.0%	57.9	57.7	-0.2	-0.3%	
59.3%	57.7	57.6	-0.1	-0.2%	
60.5%	57.7	57.6	-0.1	-0.2%	
61.7%	57.7	57.6	-0.1	-0.1%	
63.0%	57.6	57.5	-0.1	-0.2%	
64.2%	57.6	57.4	-0.2	-0.3%	
65.4%	57.6	57.4	-0.2	-0.3%	
66.7%	57.6	57.3	-0.2	-0.4%	
67.9%	57.5	57.3	-0.2	-0.4%	
69.1%	57.5	57.2	-0.3	-0.5%	
70.4%	57.5	57.1	-0.4	-0.6%	
71.6%	57.5	57.1	-0.4	-0.6%	
72.8%	57.4	57.1	-0.3	-0.6%	
74.1%	57.2	57.1	-0.1	-0.2%	
75.3%	57.2	57.1	-0.1	-0.2%	
76.5%	57.1	57.0	-0.1	-0.2%	
77.8%	57.1	57.0	0.0	0.0%	
79.0%	57.0	56.8	-0.2	-0.3%	
80.2%	56.9	56.7	-0.2	-0.4%	
81.5%	56.8	56.7	-0.1	-0.2%	
82.7%	56.7	56.5	-0.2	-0.3%	
84.0%	56.6	56.4	-0.2	-0.4%	
85.2%	56.5	56.4	-0.1	-0.2%	
86.4%	56.4	56.3	-0.1	-0.2%	
87.7%	56.3	56.3	-0.1	-0.1%	
88.9%	56.0	56.0	0.0	0.0%	
90.1%	55.9	55.9	0.0	0.0%	
91.4%	55.8	55.8	-0.1	-0.2%	
92.6%	55.8	55.6	-0.2	-0.3%	
93.8%	55.7	55.5	-0.2	-0.4%	
95.1%	55.5	55.3	-0.2	-0.4%	
96.3%	55.3	55.2	-0.1	-0.4%	
97.5%	55.2	54.8	-0.4	-0.8%	
98.8%	54.7	54.7	0.0	0.0%	
100.0%	54.7	54.5	0.0	-0.3%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.6	54.7	0.1	0.1%	
1.2%	54.5	54.3	-0.1	-0.2%	
2.5%	54.3	54.3	0.0	0.0%	
3.7%	54.3	54.0	-0.3	-0.5%	
4.9%	53.2	53.2	0.0	0.1%	
6.2%	53.1	53.2	0.0	0.0%	
7.4%	53.1	53.0	-0.1	-0.2%	
8.6%	53.0	53.0	0.0	0.0%	
9.9%	53.0	52.9	-0.1	-0.2%	
11.1%	52.6	52.6	0.0	0.0%	
12.3%	52.5	52.5	0.0	0.0%	
13.6%	52.5	52.3	-0.2	-0.4%	
14.8%	52.4	52.2	-0.2	-0.4%	
16.0%	52.4	52.2	-0.2	-0.4%	
17.3%	52.2	52.1	-0.1	-0.2%	
18.5%	52.2	52.1	-0.1	-0.2%	
19.8%	52.2	52.1	-0.1	-0.2%	
21.0%	52.2	52.1	-0.1	-0.2%	
22.2%	52.1	52.0	-0.1	-0.1%	
23.5%	52.1	52.0	-0.1	-0.1%	
24.7%	52.1	52.0	-0.1	-0.1%	
25.9%	52.0	52.0	0.0	-0.1%	
27.2%	52.0	52.0	0.0	-0.2%	
28.4%	52.0	51.9	-0.2	-0.3%	
29.6%	52.0	51.9	-0.1	-0.2%	
30.9%	51.8	51.8	0.0	-0.1%	
32.1%	51.8	51.7	-0.1	-0.2%	
33.3%	51.8	51.7	-0.1	-0.1%	
34.5%	51.8	51.7	-0.1	-0.2%	
35.8%	51.8	51.7	-0.1	-0.2%	
37.0%	51.5	51.6	0.1	0.2%	
38.3%	51.5	51.5	0.1	0.1%	
39.5%	51.5	51.5	0.0	0.1%	
40.7%	51.4	51.4	0.0	-0.1%	
42.0%	51.4	51.4	0.0	0.0%	
43.2%	51.3	51.3	0.0	-0.1%	
44.4%	51.3	51.3	0.0	-0.0%	
45.7%	51.2	51.2	0.0	-0.1%	
46.9%	51.2	51.2	-0.1	-0.1%	
48.1%	51.2	51.2	-0.1	-0.1%	
49.4%	51.1	51.1	0.0	0.0%	
50.6%	51.0	51.0	0.0	0.0%	
51.9%	51.0	51.0	0.0	0.0%	
53.1%	51.0	51.0	0.0	0.0%	
54.3%	51.0	51.0	0.0	0.0%	
55.6%	50.9	50.9	0.0	0.0%	
56.8%	50.9	50.9	0.0	0.0%	
58.0%	50.9	50.9	0.0	0.0%	
59.3%	50.9	50.9	0.0	0.0%	
60.5%	50.9	50.8	0.0	0.0%	
61.7%	50.7	50.7	-0.1	-0.1%	
63.0%	50.7	50.6	-0.1	-0.2%	
64.2%	50.6	50.6	0.0	-0.1%	
65.4%	50.5	50.5	0.0	0.0%	
66.7%	50.5	50.5	0.0	-0.1%	
67.9%	50.5	50.5	0.0	-0.1%	
69.1%	50.4	50.3	-0.1	-0.2%	
70.4%	50.4	50.2	-0.2	-0.3%	
71.6%	50.4	50.2	-0.2	-0.3%	
72.8%	50.3	50.2	-0.1	-0.1%	
74.1%	50.2	50.2	0.0	-0.1%	
75.3%	50.2	50.2	-0.1	-0.1%	
76.5%	50.2	50.2	-0.1	-0.1%	
77.8%	50.2	50.1	0.0	-0.1%	
79.0%	50.1	50.1	0.0	0.0%	
80.2%	50.1	50.0	-0.1	-0.1%	
81.5%	50.0	49.9	-0.1	-0.1%	
82.7%	49.9	49.9	0.0	0.0%	
84.0%	49.7	49.8	0.1	0.2%	
85.2%	49.7	49.6	-0.1	-0.1%	
86.4%	49.6	49.5	-0.1	-0.1%	
87.7%	49.4	49.5	0.1	0.2%	
88.9%	49.4	49.4	0.1	0.2%	
90.1%	49.3	49.4	0.1	0.1%	
91.4%	49.3	49.3	0.1	0.2%	
92.6%	49.2	49.3	0.1	0.1%	
93.8%	49.2	49.2	0.0	0.1%	
95.1%	48.9	48.9	-0.1	-0.1%	
96.3%	48.5	48.5	-0.1	-0.2%	
97.5%	48.7	48.5	-0.2	-0.4%	
98.8%	48.6	48.4	-0.2	-0.4%	
100.0%	47.1	46.7	-0.4	-0.8%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.3	48.4	0.1	0.3%	
1.2%	47.7	47.7	0.1	0.1%	
2.5%	47.5	47.4	-0.1	-0.2%	
3.7%	47.3	47.3	0.1	0.3%	
4.9%	47.0	46.9	-0.1	-0.3%	
6.2%	46.9	46.8	-0.1	-0.1%	
7.4%	46.8	46.7	0.0	-0.1%	
8.6%	46.7	46.7	0.0	-0.1%	
9.9%	46.7	46.6	0.0	-0.1%	
11.1%	46.6	46.6	-0.1	-0.2%	
12.3%	46.6	46.5	-0.1	-0.3%	
13.6%	46.5	46.4	0.0	-0.1%	
14.8%	46.5	46.4	-0.1	-0.2%	
16.0%	46.4	46.3	-0.1	-0.1%	
17.3%	46.3	46.3	-0.1	-0.1%	
18.5%	46.3	46.3	-0.1	-0.1%	
19.8%	46.2	46.2	0.0	0.0%	
21.0%	46.2	46.2	0.0	0.1%	
22.2%	46.2	46.2	0.0	0.0%	
23.5%	46.1	46.1	0.0	-0.1%	
24.7%	46.1	46.1	0.0	0.0%	
25.9%	46.1	46.1	-0.1	-0.2%	
27.2%	46.0	46.0	-0.1	-0.1%	
28.4%	45.8	46.0	0.1	0.2%	
29.6%	45.8	45.9	0.1	0.2%	
30.9%	45.8	45.9	0.1	0.1%	
32.1%	45.8	45.8	0.0	0.1%	
33.3%	45.7	45.8	0.1	0.2%	
34.5%	45.7	45.8	0.1	0.3%	
35.8%	45.7	45.8	0.1	0.2%	
37.0%	45.7	45.8	0.1	0.2%	
38.3%	45.7	45.7	0.1	0.1%	
39.5%	45.6	45.7	0.1	0.1%	
40.7%	45.6	45.6	0.0	0.0%	
42.0%	45.5	45.5	-0.1	-0.1%	
43.2%	45.5	45.4	-0.1	-0.2%	
44.4%	45.5	45.4	-0.1	-0.2%	
45.7%	45.4	45.4	0.0	-0.1%	
46.9%	45.4	45.3	-0.1	-0.2%	
48.1%	45.3	45.3	0.1	0.1%	
49.4%	45.3	45.3	0.0	0.0%	
50.6%	45.3	45.3	0.0	0.0%	
51.9%	45.2	45.3	0.0	0.1%	
53.1%	45.2	45.3	0.0	0.1%	
54.3%	45.2	45.2	0.0	0.0%	
55.6%	45.1	45.2	0.1	0.2%	
56.8%	45.0	45.2	0.2	0.4%	
58.0%	45.0	45.2	0.2	0.4%	
59.3%	44.9	45.1	0.2	0.4%	
60.5%	44.9	45.1	0.1	0.3%	
61.7%	44.9	45.0	0.1	0.3%	
63.0%	44.8	44.9	0.1	0.2%	
64.2%	44.8	44.8	0.0	0.1%	
65.4%	44.7	44.8	0.1	0.2%	
66.7%	44.7	44.8	0.0	0.1%	
67.9%	44.7	44.7	0.0	0.0%	
69.1%	44.6	44.7	0.1	0.3%	
70.4%	44.6	44.6	0.0	0.1%	
71.6%	44.6	44.6	0.0	0.0%	
72.8%	44.4	44.6	0.1	0.3%	
74.1%	44.4	44.5	0.0	0.0%	
75.3%	44.4	44.4	0.0	0.0%	
76.5%	44.3	44.3	0.0	-0.1%	
77.8%	44.2	44.3	0.0	0.1%	
79.0%	44.2	44.2	0.0	0.1%	
80.2%	44.2				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.7	50.8	0.0	0.0%	
1.2%	50.1	50.0	-0.1	-0.2%	
2.5%	50.0	50.0	0.0	0.0%	
3.7%	49.8	50.0	0.1	0.3%	
4.9%	49.8	49.9	0.1	0.2%	
6.2%	49.7	49.9	0.2	0.3%	
7.4%	49.6	49.8	0.1	0.3%	
8.6%	49.5	49.6	0.2	0.4%	
9.9%	49.1	49.1	-0.1	-0.1%	
11.1%	48.7	48.9	0.1	0.3%	
12.3%	48.6	48.8	0.2	0.3%	
13.6%	48.5	48.6	0.0	0.1%	
14.8%	48.5	48.5	0.0	0.1%	
16.0%	48.5	48.5	0.0	-0.1%	
17.3%	48.3	48.4	0.1	0.2%	
18.5%	48.3	48.4	0.1	0.2%	
19.8%	48.3	48.3	-0.1	-0.2%	
21.0%	48.3	48.3	0.0	-0.1%	
22.2%	48.2	48.2	0.0	0.0%	
23.5%	48.1	48.2	0.1	0.2%	
24.7%	48.1	48.2	0.1	0.3%	
25.9%	48.1	48.1	0.0	0.0%	
27.2%	48.0	48.1	0.0	0.0%	
28.4%	48.0	48.0	0.0	0.1%	
29.6%	48.0	48.0	0.0	0.0%	
30.9%	47.9	48.0	0.1	0.1%	
32.1%	47.8	47.9	0.1	0.1%	
33.3%	47.8	47.9	0.1	0.2%	
34.5%	47.8	47.9	0.0	0.0%	
35.8%	47.7	47.7	0.0	0.1%	
37.0%	47.7	47.7	0.0	0.0%	
38.3%	47.7	47.7	0.0	0.1%	
39.5%	47.7	47.7	0.0	0.0%	
40.7%	47.6	47.7	0.1	0.2%	
42.0%	47.5	47.6	0.1	0.2%	
43.2%	47.5	47.6	0.1	0.2%	
44.4%	47.5	47.5	0.0	0.0%	
45.7%	47.4	47.4	0.0	-0.1%	
46.9%	47.3	47.3	0.0	0.1%	
48.1%	47.3	47.3	0.0	0.0%	
49.4%	47.2	47.3	0.1	0.1%	
50.6%	47.2	47.2	0.1	0.2%	
51.9%	47.2	47.1	0.0	-0.1%	
53.1%	47.0	47.1	0.0	0.1%	
54.3%	47.0	47.1	0.1	0.1%	
55.6%	47.0	47.0	0.1	0.1%	
56.8%	46.9	47.0	0.1	0.3%	
58.0%	46.9	47.0	0.1	0.3%	
59.3%	46.9	47.0	0.1	0.2%	
60.5%	46.7	46.8	0.1	0.1%	
61.7%	46.7	46.8	0.1	0.2%	
63.0%	46.7	46.8	0.1	0.2%	
64.2%	46.7	46.7	0.1	0.1%	
65.4%	46.7	46.7	0.1	0.1%	
66.7%	46.6	46.7	0.1	0.2%	
67.9%	46.5	46.6	0.1	0.2%	
69.1%	46.5	46.5	0.0	0.1%	
70.4%	46.4	46.5	0.0	0.1%	
71.6%	46.4	46.4	0.0	-0.1%	
72.8%	46.3	46.3	0.0	-0.1%	
74.1%	46.3	46.3	0.0	0.0%	
75.3%	46.1	46.1	0.0	0.1%	
76.5%	46.0	46.0	0.0	0.1%	
77.8%	45.9	46.0	0.1	0.2%	
79.0%	45.9	45.9	0.0	0.0%	
80.2%	45.8	45.9	0.1	0.2%	
81.5%	45.8	45.8	0.0	0.1%	
82.7%	45.6	45.8	0.2	0.5%	
84.0%	45.6	45.6	0.0	0.1%	
85.2%	45.5	45.6	0.1	0.2%	
86.4%	45.5	45.5	0.1	0.1%	
87.7%	45.4	45.5	0.1	0.1%	
88.9%	45.4	45.4	0.0	0.0%	
90.1%	45.3	45.4	0.0	0.1%	
91.4%	45.3	45.4	0.0	0.1%	
92.6%	45.3	45.2	0.0	-0.1%	
93.8%	45.1	45.2	0.1	0.1%	
95.1%	45.0	45.0	0.0	0.0%	
96.3%	44.9	44.9	0.1	0.2%	
97.5%	44.5	44.6	0.0	0.1%	
98.8%	44.2	44.2	0.0	-0.1%	
100.0%	43.8	43.8	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	57.0	57.0	-0.1	-0.1%	
1.2%	56.7	56.7	0.0	-0.1%	
2.5%	56.1	56.3	0.2	0.4%	
3.7%	55.8	56.0	0.2	0.3%	
4.9%	55.8	55.8	0.0	-0.1%	
6.2%	55.4	55.5	0.1	0.1%	
7.4%	54.7	54.6	-0.1	-0.2%	
8.6%	54.6	54.6	0.0	0.1%	
9.9%	54.4	54.6	0.2	0.3%	
11.1%	54.4	54.5	0.1	0.1%	
12.3%	54.2	54.5	0.3	0.5%	
13.6%	54.1	54.3	0.1	0.2%	
14.8%	54.0	54.1	0.1	0.1%	
16.0%	54.0	54.0	0.0	0.1%	
17.3%	53.9	54.0	0.1	0.2%	
18.5%	53.8	53.9	0.1	0.3%	
19.8%	53.6	53.9	0.2	0.4%	
21.0%	53.6	53.8	0.2	0.4%	
22.2%	53.5	53.5	0.1	0.1%	
23.5%	53.3	53.5	0.3	0.5%	
24.7%	53.2	53.5	0.3	0.5%	
25.9%	53.2	53.2	0.2	0.4%	
27.2%	53.2	53.4	0.2	0.4%	
28.4%	53.1	53.4	0.3	0.5%	
29.6%	53.1	53.3	0.2	0.4%	
30.9%	52.9	53.1	0.2	0.4%	
32.1%	52.9	53.0	0.1	0.3%	
33.3%	52.7	53.0	0.2	0.4%	
34.5%	52.7	52.9	0.2	0.4%	
35.8%	52.7	52.8	0.1	0.2%	
37.0%	52.6	52.7	0.1	0.2%	
38.3%	52.5	52.6	0.2	0.3%	
39.5%	52.3	52.6	0.2	0.4%	
40.7%	52.3	52.5	0.2	0.3%	
42.0%	52.3	52.4	0.2	0.3%	
43.2%	52.0	52.4	0.4	0.7%	
44.4%	52.0	52.3	0.4	0.7%	
45.7%	52.0	52.3	0.3	0.6%	
46.9%	52.0	52.1	0.2	0.3%	
48.1%	51.9	52.1	0.2	0.4%	
49.4%	51.9	52.0	0.2	0.3%	
50.6%	51.8	52.0	0.2	0.4%	
51.9%	51.7	52.0	0.3	0.5%	
53.1%	51.7	51.9	0.3	0.5%	
54.3%	51.7	51.9	0.2	0.5%	
55.6%	51.6	51.8	0.2	0.5%	
56.8%	51.5	51.6	0.1	0.3%	
58.0%	51.4	51.6	0.2	0.4%	
59.3%	51.4	51.6	0.2	0.4%	
60.5%	51.3	51.4	0.2	0.3%	
61.7%	51.2	51.4	0.2	0.4%	
63.0%	51.2	51.4	0.2	0.3%	
64.2%	51.2	51.3	0.2	0.3%	
65.4%	51.2	51.2	0.0	0.0%	
66.7%	51.0	51.2	0.2	0.4%	
67.9%	50.8	51.1	0.3	0.5%	
69.1%	50.7	51.0	0.3	0.6%	
70.4%	50.7	51.0	0.3	0.6%	
71.6%	50.7	50.8	0.2	0.3%	
72.8%	50.5	50.7	0.2	0.4%	
74.1%	50.4	50.6	0.2	0.4%	
75.3%	50.4	50.5	0.1	0.2%	
76.5%	50.4	50.5	0.1	0.2%	
77.8%	49.9	50.0	0.1	0.2%	
79.0%	49.7	49.8	0.1	0.3%	
80.2%	49.7	49.8	0.1	0.2%	
81.5%	49.6	49.7	0.1	0.2%	
82.7%	49.6	49.7	0.1	0.1%	
84.0%	49.5	49.6	0.1	0.3%	
85.2%	49.4	49.5	0.1	0.1%	
86.4%	49.2	49.4	0.2	0.3%	
87.7%	49.1	49.2	0.2	0.5%	
88.9%	49.1	49.3	0.2	0.5%	
90.1%	49.0	49.1	0.1	0.1%	
91.4%	49.0	49.1	0.1	0.2%	
92.6%	48.9	49.0	0.1	0.3%	
93.8%	48.8	49.0	0.2	0.5%	
95.1%	48.6	48.6	0.0	0.0%	
96.3%	48.4	48.4	0.1	0.1%	
97.5%	48.3	48.3	0.0	0.0%	
98.8%	48.0	48.0	0.0	0.0%	
100.0%	48.0	48.0	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	62.4	62.9	0.5	0.7%	
1.2%	62.2	62.7	0.5	0.8%	
2.5%	61.8	62.3	0.4	0.7%	
3.7%	61.7	62.0	0.2	0.4%	
4.9%	61.6	61.9	0.3	0.5%	
6.2%	61.5	61.7	0.3	0.4%	
7.4%	61.2	61.6	0.4	0.7%	
8.6%	61.2	61.4	0.2	0.3%	
9.9%	61.0	61.4	0.4	0.6%	
11.1%	60.9	61.2	0.3	0.5%	
12.3%	60.7	61.0	0.3	0.5%	
13.6%	60.7	61.0	0.3	0.6%	
14.8%	60.5	60.9	0.3	0.6%	
16.0%	60.5	60.8	0.3	0.5%	
17.3%	60.9	60.7	0.8	1.3%	
18.5%	60.9	60.7	0.2	0.4%	
19.8%	60.0	60.0	0.2	0.4%	
21.0%	60.7	60.9	0.3	0.5%	
22.2%	60.5	60.8	0.3	0.5%	
23.5%	60.5	60.7	0.2	0.4%	
24.7%	60.5	60.7	0.2	0.3%	
25.9%	60.4	60.7	0.2	0.4%	
27.2%	60.4	60.6	0.2	0.4%	
28.4%	60.4	60.6	0.2	0.4%	
29.6%	60.4	60.5	0.2	0.3%	
30.9%	60.3	60.5	0.2	0.3%	
32.1%	60.3	60.4	0.1	0.2%	
33.3%	60.2	60.4	0.2	0.3%	
34.5%	60.2	60.3	0.2	0.4%	
35.8%	60.2	60.3	0.2	0.4%	
37.0%	60.2	60.3	0.2	0.3%	
38.3%	60.2	60.3	0.2	0.3%	
39.5%	60.2	60.3	0.2	0.4%	
40.7%	60.2	60.3	0.2	0.4%	
42.0%	60.2	60.3	0.2	0.4%	
43.2%	60.2	60.3	0.2	0.4%	
44.4%	60.2	60.3	0.2	0.4%	
45.7%	60.2	60.3	0.2	0.4%	
46.9%	60.2	60.3	0.2	0.4%	
48.1%	60.2	60.3	0.2	0.4%	
49.4%	60.2	60.3	0.2	0.4%	
50.6%	60.2	60.3	0.2	0.4%	
51.9%	60.2	60.3	0.2	0.3%	
53.1%	60.2	60.3	0.1	0.2%	
54.3%	60.2	60.3	0.1	0.1%	
55.6%	60.2	60.3	0.2	0.3%	
56.8%	60.2	60.3	0.2	0.4%	
58.0%	60.2	60.3	0.3	0.5%	
59.3%	60.2	60.3	0.3	0.5%	
60.5%	60.2	60.3	0.2	0.3%	
61.7%	60.2	60.3	0.2	0.3%	
63.0%	60.2	60.3	0.2	0.3%	
64.2%	60.2	60.3	0.2	0.4%	
65.4%	60.2	60.3	0.2	0.4%	
66.7%	60.2	60.3	0.2	0.4%	
67.9%	60.2	60.3	0.3	0.4%	
69.1%	60.2	60.3	0.1	0.2%	
70.4%	60.2	60.3	0.1	0.2%	
71.6%	60.2	60.3	0.1	0.2%	
72.8%	60.2	60.3	0.1	0.2%	
74.1%	60.2	60.3	0.0	0.0%	
75.3%	60.2	60.3	0.0	0.1%	
76.5%	60.2	60.3	0.0	0.1%	
77.8%	60.2	60.3	0.2	0.3%	
79.0%	60.2	60.3	0.1	0.2%	
80.2%	60.2				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	71.3	71.1	-0.2	-0.2%	
1.2%	70.9	70.4	-0.5	-0.8%	
2.5%	70.9	69.9	-1.0	-1.2%	
3.7%	70.0	69.8	-0.2	-0.3%	
4.9%	70.0	69.8	-0.2	-0.3%	
6.2%	70.0	69.7	-0.3	-0.4%	
7.4%	69.9	69.6	-0.3	-0.4%	
8.6%	69.7	69.6	-0.1	-0.1%	
9.9%	69.7	69.5	-0.2	-0.3%	
11.1%	69.6	69.3	-0.3	-0.5%	
12.3%	69.4	69.0	-0.4	-0.6%	
13.6%	69.4	69.0	-0.4	-0.5%	
14.8%	69.3	68.9	-0.4	-0.6%	
16.0%	69.2	68.7	-0.5	-0.7%	
17.3%	69.1	68.6	-0.5	-0.7%	
18.5%	69.0	68.6	-0.5	-0.7%	
19.8%	69.1	68.6	-0.5	-0.8%	
21.0%	69.0	68.6	-0.5	-0.7%	
22.2%	69.0	68.4	-0.5	-0.8%	
23.5%	68.9	68.3	-0.6	-0.9%	
24.7%	68.9	68.3	-0.6	-0.9%	
25.9%	68.8	68.2	-0.6	-0.9%	
27.2%	68.8	68.2	-0.6	-0.9%	
28.4%	68.7	68.1	-0.6	-0.8%	
29.6%	68.7	68.1	-0.6	-0.9%	
30.9%	68.7	67.9	-0.7	-1.1%	
32.1%	68.6	67.8	-0.8	-1.2%	
33.3%	68.6	67.8	-0.8	-1.1%	
34.5%	68.5	67.8	-0.7	-1.1%	
35.8%	68.4	67.7	-0.7	-1.0%	
37.0%	68.4	67.7	-0.7	-1.0%	
38.3%	67.9	67.7	-0.3	-0.4%	
39.5%	67.9	67.6	-0.3	-0.4%	
40.7%	67.8	67.6	-0.2	-0.3%	
42.0%	67.8	67.5	-0.3	-0.4%	
43.2%	67.7	67.4	-0.3	-0.4%	
44.4%	67.7	67.3	-0.4	-0.6%	
45.7%	67.7	67.3	-0.4	-0.6%	
46.9%	67.6	67.3	-0.3	-0.5%	
48.1%	67.6	67.3	-0.3	-0.4%	
49.4%	67.5	67.3	-0.3	-0.4%	
50.6%	67.5	67.2	-0.3	-0.5%	
51.9%	67.5	67.2	-0.3	-0.4%	
53.1%	67.5	67.2	-0.3	-0.4%	
54.3%	67.4	67.2	-0.2	-0.4%	
55.6%	67.3	67.1	-0.2	-0.3%	
56.8%	67.2	67.1	-0.1	-0.2%	
58.0%	67.2	67.1	-0.1	-0.2%	
59.3%	67.1	67.1	-0.1	-0.1%	
60.5%	67.1	67.0	-0.1	-0.2%	
61.7%	67.1	67.0	-0.1	-0.1%	
63.0%	67.1	66.9	-0.2	-0.2%	
64.2%	67.0	66.8	-0.2	-0.3%	
65.4%	67.0	66.8	-0.2	-0.3%	
66.7%	67.0	66.8	-0.2	-0.3%	
67.9%	66.9	66.8	-0.1	-0.2%	
69.1%	66.8	66.8	-0.1	-0.1%	
70.4%	66.8	66.7	-0.1	-0.1%	
71.6%	66.7	66.6	-0.1	-0.2%	
72.8%	66.6	66.6	0.0	0.0%	
74.1%	66.6	66.5	-0.1	-0.1%	
75.3%	66.5	66.4	-0.1	-0.2%	
76.5%	66.5	66.4	-0.2	-0.2%	
77.8%	66.5	66.4	-0.1	-0.2%	
79.0%	66.5	66.3	-0.2	-0.2%	
80.2%	66.4	66.2	-0.2	-0.3%	
81.5%	66.3	66.2	-0.2	-0.2%	
82.7%	66.3	66.1	-0.2	-0.3%	
84.0%	66.3	66.0	-0.2	-0.4%	
85.2%	66.2	66.9	0.3	1.5%	
86.4%	66.1	66.7	0.4	0.6%	
87.7%	66.1	66.5	0.4	0.6%	
88.9%	65.9	65.4	-0.4	-0.6%	
90.1%	65.6	65.4	-0.2	-0.3%	
91.4%	65.3	65.2	-0.1	-0.1%	
92.6%	65.2	65.1	0.0	-0.1%	
93.8%	65.1	64.6	-0.5	-0.7%	
95.1%	65.0	64.5	-0.4	-0.7%	
96.3%	64.9	64.4	-0.4	-0.3%	
97.5%	64.2	64.2	0.0	0.1%	
98.8%	64.1	63.9	-0.2	-0.3%	
100.0%	63.5	63.5	0.0	-0.1%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	75.5	74.4	-1.1	-1.5%	
1.2%	73.9	72.9	-1.1	-1.4%	
2.5%	73.2	72.7	-0.5	-0.7%	
3.7%	73.0	72.4	-0.5	-0.7%	
4.9%	72.8	72.4	-0.4	-0.6%	
6.2%	72.7	72.0	-0.7	-1.0%	
7.4%	72.5	71.8	-0.7	-0.9%	
8.6%	72.3	71.8	-0.5	-0.7%	
9.9%	72.2	71.8	-0.4	-0.6%	
11.1%	72.0	71.6	-0.4	-0.5%	
12.3%	71.9	71.3	-0.6	-0.8%	
13.6%	71.9	71.3	-0.6	-0.8%	
14.8%	71.7	71.2	-0.5	-0.7%	
16.0%	71.7	71.2	-0.5	-0.7%	
17.3%	71.7	70.8	-0.9	-1.2%	
18.5%	71.7	70.6	-1.0	-1.5%	
19.8%	71.5	70.5	-1.0	-1.4%	
21.0%	71.5	70.5	-0.9	-1.3%	
22.2%	71.5	70.5	-1.0	-1.3%	
23.5%	71.4	70.5	-0.9	-1.3%	
24.7%	71.3	70.4	-1.0	-1.4%	
25.9%	71.3	70.3	-1.0	-1.4%	
27.2%	71.3	70.3	-1.0	-1.3%	
28.4%	71.2	70.3	-0.9	-1.3%	
29.6%	71.1	70.3	-0.8	-1.2%	
30.9%	71.1	70.2	-0.8	-1.2%	
32.1%	71.0	70.2	-0.8	-1.1%	
33.3%	71.0	70.2	-0.8	-1.1%	
34.5%	70.9	70.1	-0.8	-1.1%	
35.8%	70.9	70.1	-0.8	-1.1%	
37.0%	70.9	70.1	-0.8	-1.2%	
38.3%	70.8	70.1	-0.7	-1.0%	
39.5%	70.7	70.0	-0.7	-1.0%	
40.7%	70.7	69.9	-0.8	-1.1%	
42.0%	70.5	69.8	-0.7	-0.9%	
43.2%	70.5	69.8	-0.6	-0.9%	
44.4%	70.4	69.8	-0.6	-0.9%	
45.7%	70.3	69.7	-0.6	-0.8%	
46.9%	70.3	69.7	-0.6	-0.8%	
48.1%	70.2	69.7	-0.5	-0.7%	
49.4%	70.2	69.6	-0.5	-0.8%	
50.6%	70.1	69.5	-0.6	-0.9%	
51.9%	70.1	69.5	-0.6	-0.9%	
53.1%	70.1	69.5	-0.6	-0.9%	
54.3%	70.0	69.5	-0.5	-0.7%	
55.6%	70.0	69.4	-0.6	-0.8%	
56.8%	69.9	69.3	-0.7	-1.0%	
58.0%	69.9	69.2	-0.7	-1.0%	
59.3%	69.9	69.1	-0.8	-1.1%	
60.5%	69.8	69.0	-0.8	-1.1%	
61.7%	69.8	69.0	-0.8	-1.1%	
63.0%	69.8	69.0	-0.8	-1.2%	
64.2%	69.8	69.9	0.1	0.4%	
65.4%	69.8	69.8	0.0	0.0%	
66.7%	69.8	69.8	0.0	0.0%	
67.9%	69.8	68.7	-1.0	-1.5%	
69.1%	69.7	68.6	-1.0	-1.5%	
70.4%	69.6	68.6	-1.1	-1.6%	
71.6%	69.6	68.6	-1.1	-1.5%	
72.8%	69.6	68.4	-1.2	-1.7%	
74.1%	69.5	68.4	-1.2	-1.7%	
75.3%	69.4	68.4	-1.1	-1.6%	
76.5%	69.4	68.3	-1.1	-1.6%	
77.8%	69.4	68.3	-1.1	-1.6%	
79.0%	69.4	68.2	-1.2	-1.7%	
80.2%	69.3	68.1	-1.3	-1.8%	
81.5%	69.1	68.0	-1.1	-1.6%	
82.7%	68.9	68.1	-0.9	-1.3%	
84.0%	68.9	68.0	-0.9	-1.3%	
85.2%	68.9	68.0	-0.9	-1.3%	
86.4%	68.6	68.0	-0.7	-1.0%	
87.7%	68.5	67.9	-0.6	-0.9%	
88.9%	68.5	67.5	-1.0	-1.5%	
90.1%	68.2	67.5	-0.7	-1.0%	
91.4%	67.9	67.2	-0.7	-1.1%	
92.6%	67.9	67.1	-0.8	-1.2%	
93.8%	67.6	66.9	-0.7	-1.0%	
95.1%	67.5	66.8	-0.7	-1.0%	
96.3%	67.4	66.7	-0.7	-1.0%	
97.5%	66.9	66.7	-0.2	-0.4%	
98.8%	66.9	65.9	-1.0	-1.5%	
100.0%	66.8	65.8	-1.0	-1.5%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	74.4	73.5	-0.8	-1.1%	
1.2%	74.3	73.1	-1.2	-1.6%	
2.5%	74.2	72.5	-1.7	-2.3%	
3.7%	73.8	72.3	-1.6	-2.1%	
4.9%	73.6	72.2	-1.4	-1.9%	
6.2%	72.7	71.8	-0.9	-1.2%	
7.4%	72.6	71.5	-1.1	-1.6%	
8.6%	72.3	71.4	-0.9	-1.2%	
9.9%	71.7	71.3	-0.4	-0.6%	
11.1%	71.6	71.3	-0.3	-0.4%	
12.3%	71.5	71.2	-0.3	-0.5%	
13.6%	71.5	71.2	-0.3	-0.4%	
14.8%	71.4	71.2	-0.3	-0.4%	
16.0%	71.4	71.2	-0.3	-0.4%	
17.3%	71.4	70.9	-0.5	-0.8%	
18.5%	71.4	70.8	-0.6	-0.9%	
19.8%	71.4	70.8	-0.6	-0.9%	
21.0%	71.4	70.7	-0.6	-0.9%	
22.2%	71.4	70.7	-0.7	-1.0%	
23.5%	71.4	70.7	-0.7	-1.0%	
24.7%	71.2	70.6	-0.6	-0.9%	
25.9%	71.1	70.5	-0.6	-0.9%	
27.2%	71.0	70.5	-0.5	-0.7%	
28.4%	71.0	70.5	-0.5	-0.7%	
29.6%	71.0	70.4	-0.5	-0.7%	
30.9%	71.0	70.4	-0.6	-0.8%	
32.1%	70.9	70.3	-0.6	-0.8%	
33.3%	70.8	70.3	-0.5	-0.7%	
34.5%	70.7	70.2	-0.5	-0.7%	
35.8%	70.7	70.1	-0.6	-0.8%	
37.0%	70.7	70.0	-0.7	-0.9%	
38.3%	70.7	70.0	-0.6	-0.9%	
39.5%	70.5	70.0	-0.5	-0.7%	
40.7%	70.4	70.0	-0.5	-0.6%	
42.0%	70.4	69.9	-0.5	-0.8%	
43.2%	70.4	69.9	-0.5	-0.7%	
44.4%	70.3	69.8	-0.5	-0.7%	
45.7%	70.3	69.8	-0.5	-0.7%	
46.9%	70.3	69.8	-0.5	-0.7%	
48.1%	70.2	69.8	-0.4	-0.6%	
49.4%	70.2	69.7	-0.5	-0.8%	
50.6%	70.2	69.6	-0.6	-0.8%	
51.9%	70.1	69.5	-0.6	-0.8%	
53.1%	70.1	69.5	-0.6	-0.8%	
54.3%	70.0	69.5	-0.5	-0.7%	
55.6%	70.0	69.5	-0.5	-0.7%	
56.8%	70.0	69.5	-0.5	-0.7%	
58.0%	69.9	69.5	-0.5	-0.7%	
59.3%	69.8	69.3	-0.4	-0.6%	
60.5%	69.7	69.2	-0.5	-0.7%	
61.7%	69.5	69.2	-0.3	-0.4%	
63.0%	69.4	69.1	-0.3	-0.4%	
64.2%	69.4	69.1	-0.3	-0.4%	
65.4%	69.4	69.1	-0.2	-0.4%	
66.7%	69.3	69.1	-0.2	-0.3%	
67.9%	69.2	69.0	-0.2	-0.3%	
69.1%	69.2	68.9	-0.2	-0.3%	
70.4%	69.1	68.4	-0.6	-0.9%	
71.6%	69.0	68.4	-0.7	-1.0%	
72.8%	69.0	68.2	-0.8	-1.1%	
74.1%	69.0	68.2	-0.8	-1.2%	
75.3%	68.9	68.2	-0.8	-1.1%	
76.5%	68.9	68.1	-0.7	-1.0%	
77.8%	68.4	68.1	-0.4	-0.5%	
79.0%	68.3	68.0	-0.3	-0.4%	
80.2%	68.2				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative C	60.9	53.2	45.9	45.0	49.7	54.6	60.7	66.0	70.2	71.9	71.5	67.6
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	-0.3	-0.3	-0.3
Percent Difference ³	-0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.0%	-0.4%	-0.4%	-0.4%
Water Year Types²												
Wet (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative C	60.3	53.8	46.5	45.9	49.5	53.3	58.5	64.2	68.7	72.1	71.7	65.8
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.3%
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative C	60.1	52.1	45.7	45.2	49.5	54.1	60.5	66.2	70.5	70.8	70.8	66.9
Difference	-0.3	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.5	0.0	0.0
Percent Difference	-0.4%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	-0.7%	-0.1%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative C	60.5	53.1	45.9	44.4	49.0	54.7	61.0	66.0	70.5	71.5	71.8	68.9
Difference	-0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	-0.3	-0.1	-0.4
Percent Difference	-0.3%	0.0%	0.0%	0.1%	0.1%	0.4%	0.0%	0.1%	0.1%	-0.4%	-0.2%	-0.6%
Dry (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative C	61.1	53.1	45.9	44.2	49.6	55.4	62.1	67.2	71.5	71.6	70.9	68.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.0	-0.3	-0.5	-0.5
Percent Difference	-0.2%	0.0%	0.2%	0.0%	0.1%	0.4%	0.3%	0.1%	0.0%	-0.5%	-0.7%	-0.7%
Critical (15%)												
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative C	62.8	52.9	44.8	44.8	50.9	56.1	62.8	67.6	70.6	73.4	72.3	69.6
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.0	0.1	0.0	-0.3	-1.0	-0.3
Percent Difference	-0.1%	0.0%	0.1%	0.2%	0.2%	0.3%	0.0%	0.1%	0.0%	-0.4%	-1.3%	-0.4%

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

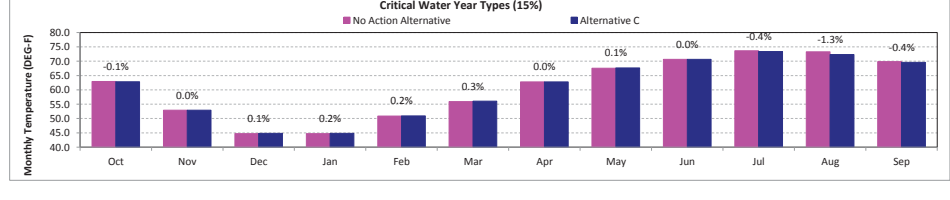
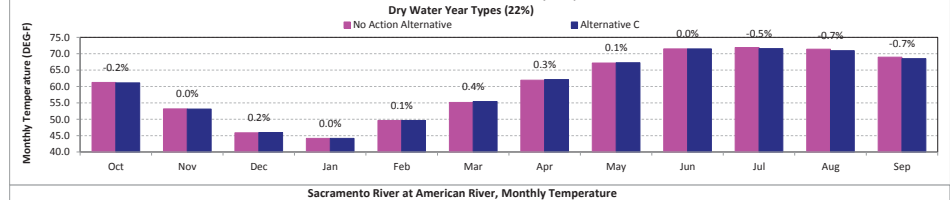
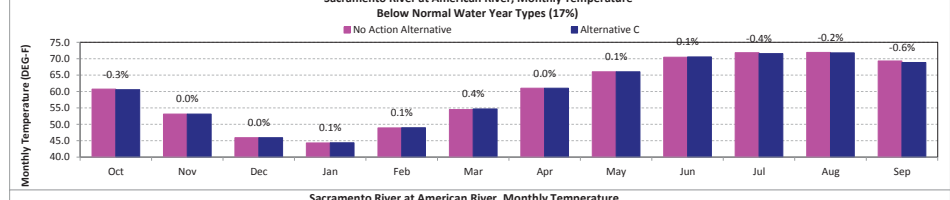
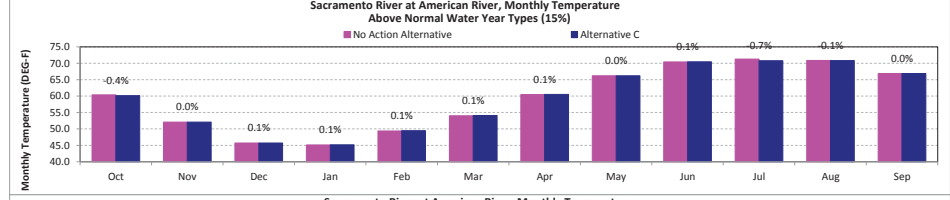
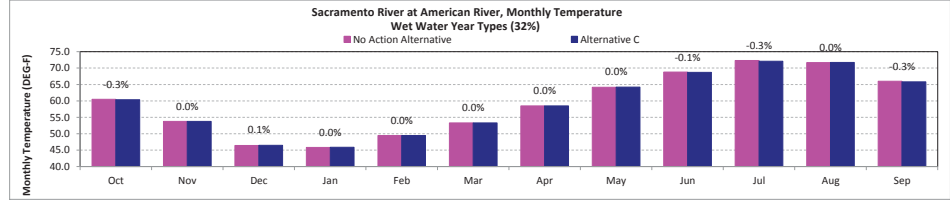
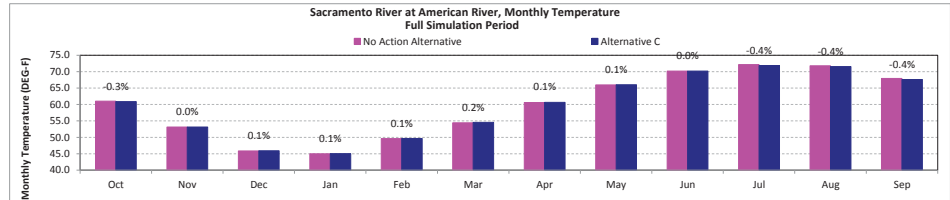


Figure SQ-12-7b
 Sacramento River at American River, Monthly Temperature
 Probability of Exceedance

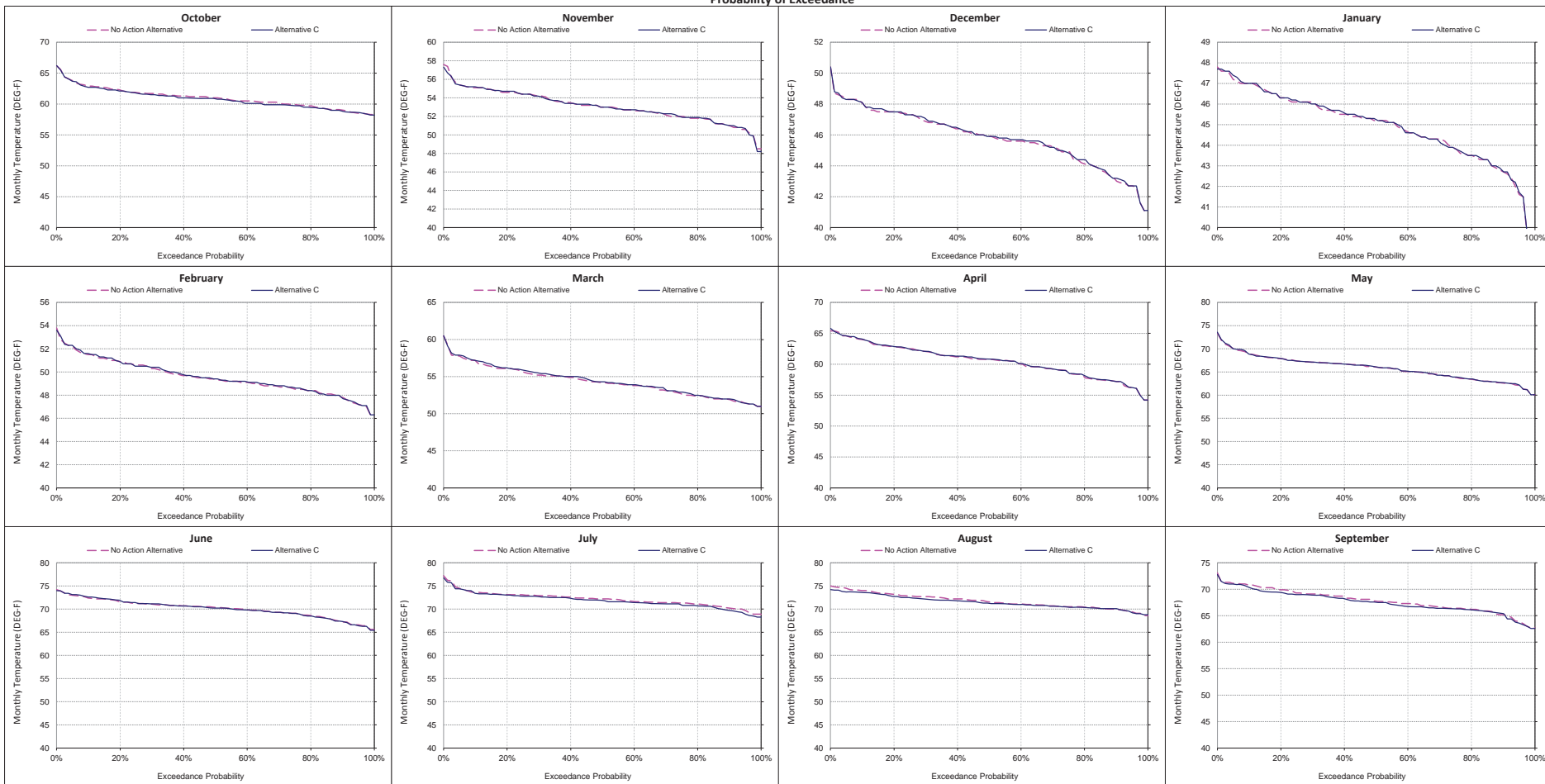


Table SQ-12-7b
Sacramento River at American River, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.2	66.2	0.0	0.0%
1.2%	65.6	65.5	-0.1	-0.2%
2.5%	64.4	64.4	0.0	0.0%
3.7%	64.1	64.1	0.0	0.0%
4.9%	63.8	63.7	-0.1	-0.2%
6.2%	63.4	63.6	0.2	0.3%
7.4%	63.2	63.1	-0.1	-0.2%
8.6%	63.1	62.9	-0.2	-0.3%
9.9%	62.9	62.7	-0.2	-0.3%
11.1%	62.9	62.7	-0.2	-0.3%
12.3%	62.8	62.7	-0.1	-0.2%
13.6%	62.8	62.6	-0.2	-0.3%
14.8%	62.7	62.5	-0.2	-0.3%
16.0%	62.6	62.3	-0.3	-0.5%
17.3%	62.4	62.3	-0.1	-0.2%
18.5%	62.4	62.3	-0.1	-0.2%
19.8%	62.3	62.1	-0.2	-0.3%
21.0%	62.1	62.1	0.0	0.0%
22.2%	62.0	62.0	0.0	0.0%
23.5%	61.9	61.9	0.0	0.0%
24.7%	61.9	61.8	-0.1	-0.2%
25.9%	61.8	61.7	-0.1	-0.2%
27.2%	61.8	61.6	-0.2	-0.3%
28.4%	61.7	61.6	-0.1	-0.2%
29.6%	61.7	61.5	-0.2	-0.3%
30.9%	61.7	61.5	-0.2	-0.3%
32.1%	61.6	61.4	-0.2	-0.3%
33.3%	61.6	61.4	-0.2	-0.3%
34.5%	61.4	61.3	-0.1	-0.2%
35.8%	61.4	61.3	-0.1	-0.2%
37.0%	61.4	61.3	-0.1	-0.2%
38.3%	61.3	61.0	-0.3	-0.5%
39.5%	61.3	61.0	-0.3	-0.5%
40.7%	61.3	61.0	-0.3	-0.5%
42.0%	61.2	61.0	-0.2	-0.3%
43.2%	61.2	60.9	-0.3	-0.5%
44.4%	61.2	60.9	-0.3	-0.5%
45.7%	61.2	60.9	-0.3	-0.5%
46.9%	61.2	60.9	-0.3	-0.5%
48.1%	61.0	60.9	-0.1	-0.2%
49.4%	61.0	60.9	-0.1	-0.2%
50.6%	61.0	60.8	-0.2	-0.3%
51.9%	60.9	60.8	-0.1	-0.2%
53.1%	60.9	60.7	-0.2	-0.3%
54.3%	60.7	60.6	-0.1	-0.2%
55.6%	60.6	60.5	-0.1	-0.2%
56.8%	60.5	60.5	0.0	0.0%
58.0%	60.5	60.4	-0.1	-0.2%
59.3%	60.5	60.1	-0.4	-0.7%
60.5%	60.5	60.1	-0.4	-0.7%
61.7%	60.5	60.1	-0.4	-0.7%
63.0%	60.4	60.1	-0.3	-0.5%
64.2%	60.3	60.1	-0.2	-0.3%
65.4%	60.3	59.9	-0.4	-0.7%
66.7%	60.3	59.9	-0.4	-0.7%
67.9%	60.3	59.9	-0.4	-0.7%
69.1%	60.3	59.9	-0.4	-0.7%
70.4%	60.1	59.9	-0.2	-0.3%
71.6%	60.0	59.9	-0.1	-0.2%
72.8%	60.0	59.8	-0.2	-0.3%
74.1%	59.9	59.8	-0.1	-0.2%
75.3%	59.9	59.7	-0.2	-0.3%
76.5%	59.8	59.7	-0.1	-0.2%
77.8%	59.8	59.5	-0.3	-0.5%
79.0%	59.7	59.5	-0.2	-0.3%
80.2%	59.7	59.4	-0.3	-0.5%
81.5%	59.5	59.4	-0.1	-0.2%
82.7%	59.4	59.3	-0.1	-0.2%
84.0%	59.3	59.3	0.0	0.0%
85.2%	59.2	59.2	0.0	0.0%
86.4%	59.1	59.0	-0.1	-0.2%
87.7%	59.0	59.0	0.0	0.0%
88.9%	59.1	59.0	-0.1	-0.2%
90.1%	59.0	58.8	-0.2	-0.3%
91.4%	58.9	58.7	-0.2	-0.3%
92.6%	58.7	58.7	0.0	0.0%
93.8%	58.6	58.7	0.1	0.2%
95.1%	58.5	58.6	0.1	0.2%
96.3%	58.5	58.5	0.0	0.0%
97.5%	58.4	58.4	0.0	0.0%
98.8%	58.3	58.2	-0.1	-0.2%
100.0%	58.3	58.2	-0.1	-0.2%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.6	57.3	-0.3	-0.5%
1.2%	57.4	56.7	-0.7	-1.2%
2.5%	56.2	56.3	0.1	0.2%
3.7%	55.7	55.7	0.0	0.0%
4.9%	55.4	55.4	0.0	0.0%
6.2%	55.3	55.6	0.3	0.5%
7.4%	55.2	55.2	0.0	0.0%
8.6%	55.1	55.2	0.1	0.2%
9.9%	55.1	55.2	0.1	0.2%
11.1%	55.1	55.1	0.0	0.0%
12.3%	55.1	55.1	0.0	0.0%
13.6%	55.0	54.9	-0.1	-0.2%
14.8%	54.9	54.9	0.0	0.0%
16.0%	54.8	54.8	0.0	0.0%
17.3%	54.7	54.8	0.1	0.2%
18.5%	54.6	54.7	0.1	0.2%
19.8%	54.6	54.7	0.1	0.2%
21.0%	54.6	54.7	0.1	0.2%
22.2%	54.6	54.7	0.1	0.2%
23.5%	54.5	54.5	0.0	0.0%
24.7%	54.4	54.4	0.0	0.0%
25.9%	54.4	54.4	0.0	0.0%
27.2%	54.4	54.4	0.0	0.0%
28.4%	54.3	54.2	-0.1	-0.2%
29.6%	54.2	54.2	0.0	0.0%
30.9%	54.2	54.1	-0.1	-0.2%
32.1%	54.1	53.9	-0.2	-0.4%
33.3%	53.8	53.8	0.0	0.0%
34.5%	53.7	53.7	0.0	0.0%
35.8%	53.6	53.7	0.1	0.2%
37.0%	53.6	53.6	0.0	0.0%
38.3%	53.5	53.4	-0.1	-0.2%
39.5%	53.5	53.4	-0.1	-0.2%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.3	53.3	0.0	0.0%
43.2%	53.2	53.3	0.1	0.2%
44.4%	53.2	53.2	0.0	0.0%
45.7%	53.2	53.3	0.1	0.2%
46.9%	53.2	53.2	0.0	0.0%
48.1%	53.2	53.2	0.0	0.0%
49.4%	53.0	53.0	0.0	0.0%
50.6%	53.0	53.0	0.0	0.0%
51.9%	53.0	53.0	0.0	0.0%
53.1%	53.0	52.9	-0.1	-0.2%
54.3%	52.9	52.8	-0.1	-0.2%
55.6%	52.8	52.8	0.0	0.0%
56.8%	52.7	52.7	0.0	0.0%
58.0%	52.7	52.7	0.0	0.0%
59.3%	52.7	52.7	0.0	0.0%
60.5%	52.6	52.7	0.1	0.2%
61.7%	52.6	52.6	0.0	0.0%
63.0%	52.6	52.6	0.0	0.0%
64.2%	52.5	52.5	0.0	0.0%
65.4%	52.5	52.5	0.0	0.0%
66.7%	52.4	52.4	0.0	0.0%
67.9%	52.3	52.4	0.1	0.2%
69.1%	52.3	52.3	0.0	0.0%
70.4%	52.1	52.3	0.2	0.4%
71.6%	52.0	52.3	0.3	0.6%
72.8%	52.0	52.2	0.2	0.4%
74.1%	52.0	52.0	0.0	0.0%
75.3%	52.0	51.9	-0.1	-0.2%
76.5%	51.9	51.9	0.0	0.0%
77.8%	51.8	51.9	0.1	0.2%
79.0%	51.8	51.9	0.1	0.2%
80.2%	51.8	51.9	0.1	0.2%
81.5%	51.8	51.8	0.0	0.0%
82.7%	51.7	51.8	0.1	0.2%
84.0%	51.7	51.7	0.0	0.0%
85.2%	51.2	51.3	0.1	0.2%
86.4%	51.2	51.2	0.0	0.0%
87.7%	51.2	51.2	0.0	0.0%
88.9%	51.1	51.1	0.0	0.0%
90.1%	51.0	51.0	0.0	0.0%
91.4%	50.8	51.0	0.2	0.4%
92.6%	50.8	50.8	0.0	0.0%
93.8%	50.6	50.8	0.2	0.4%
95.1%	50.6	50.7	0.1	0.2%
96.3%	50.5	50.5	0.0	0.0%
97.5%	49.9	49.9	0.0	0.0%
98.8%	48.5	48.2	-0.3	-0.6%
100.0%	48.5	48.2	-0.3	-0.6%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	50.4	50.4	0.0	0.0%
1.2%	48.7	48.8	0.1	0.2%
2.5%	48.6	48.7	0.1	0.2%
3.7%	48.5	48.4	-0.1	-0.2%
4.9%	48.3	48.3	0.0	0.0%
6.2%	48.3	48.3	0.0	0.0%
7.4%	48.3	48.3	0.0	0.0%
8.6%	48.3	48.2	-0.1	-0.2%
9.9%	48.1	48.1	0.0	0.0%
11.1%	47.8	47.8	0.0	0.0%
12.3%	47.6	47.8	0.2	0.4%
13.6%	47.6	47.7	0.1	0.2%
14.8%	47.5	47.7	0.2	0.4%
16.0%	47.5	47.7	0.2	0.4%
17.3%	47.5	47.6	0.1	0.2%
18.5%	47.5	47.5	0.0	0.0%
19.8%	47.5	47.5	0.0	0.0%
21.0%	47.5	47.5	0.0	0.0%
22.2%	47.4	47.5	0.1	0.2%
23.5%	47.4	47.3	-0.1	-0.2%
24.7%	47.3	47.3	0.0	0.0%
25.9%	47.3	47.3	0.0	0.0%
27.2%	47.2	47.2	0.0	0.0%
28.4%	47.0	47.2	0.2	0.4%
29.6%	46.9	47.1	0.2	0.4%
30.9%	46.8	46.9	0.1	0.2%
32.1%	46.8	46.9	0.1	0.2%
33.3%	46.7	46.8	0.1	0.2%
34.5%	46.7	46.7	0.0	0.0%
35.8%	46.7	46.7	0.0	0.0%
37.0%	46.6	46.6	0.0	0.0%
38.3%	46.5	46.5	0.0	0.0%
39.5%	46.4	46.5	0.1	0.2%
40.7%	46.4	46.4	0.0	0.0%
42.0%	46.3	46.3	0.0	0.0%
43.2%	46.2	46.2	0.0	0.0%
44.4%	46.1	46.2	0.1	0.2%
45.7%	46.1	46.0	-0.1	-0.2%
46.9%	46.0	46.0	0.0	0.0%
48.1%	46.0	46.0	0.0	0.0%
49.4%	45.9	45.9	0.0	0.0%
50.6%	45.9	45.9	0.0	0.0%
51.9%	45.8	45.9	0.1	0.2%
53.1%	45.7	45.8	0.1	0.2%
54.3%	45.7	45.8	0.1	0.2%
55.6%	45.6	45.8	0.2	0.4%
56.8%	45.6	45.7	0.1	0.2%
58.0%	45.6	45.7	0.1	0.2%
59.3%	45.6	45.7	0.1	0.2%
60.5%	45.6	45.7	0.1	0.2%
61.7%	45.5	45.6	0.1	0.2%
63.0%	45.5	45.6	0.1	0.2%
64.2%	45.5	45.6	0.1	0.2%
65.4%	45.4	45.4	0.0	0.0%
66.7%	45.3	45.5	0.2	0.4%
67.9%	45.3	45.3	0.0	0.0%
69.1%	45.3	45.2	-0.1	-0.2%
70.4%	45.2	45.2	0.0	0.0%
71.6%	45.1	45.0	-0.1	-0.2%
72.8%	44.9	45.0	0.1	0.2%
74.1%	44.9	44.9	0.0	0.0%
75.3%	44.9	44.8	-0.1	-0.2%
76.5%	44.4	44.6	0.2	0.5%
77.8%	44.4	44.4	0.0	0.0%
79.0%	44.2	44.4	0.2	0.5%
80.2%	44.1	44.4	0.3	0.7%
81.5%	44.1	44.1	0.0	0.0%
82.7%	44.0	44.0	0.0	0.0%
84.0%	43.9	43.9	0.0	0.0%
85.2%	43.7	43.8	0.1	0.2%
86.4%	43.6	43.7	0.1	0.2%
87.7%	43.4	43.4	0.0	0.0%
88.9%	43.3	43.2	-0.1	-0.2%
90.1%	43.0	43.2	0.2	0.5%
91.4%	42.9	43.1	0.2	0.5%
92.6%	42.9	43.0	0.1	0.2%
93.8%	42.7	42.7	0.0	0.0%
95.1%	42.7	42.7	0.0	0.0%
96.3%	41.6	41.6	0.0	0.0%
97.5%	41.6	41.7	0.1	0.2%
98.8%	41.1	41.1	0.0	0.0%
100.0%	41.1	41.1	0.0	0.0%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.8	53.6	-0.2	-0.4%	
1.2%	52.8	53.1	0.3	0.6%	
2.5%	52.4	52.9	0.5	1.0%	
3.7%	52.3	53.0	0.7	1.3%	
4.9%	52.2	52.3	0.1	0.2%	
6.2%	51.9	52.0	0.1	0.2%	
7.4%	51.7	51.9	0.2	0.4%	
8.6%	51.6	51.6	0.0	0.0%	
9.9%	51.5	51.6	0.1	0.2%	
11.1%	51.5	51.5	0.0	0.0%	
12.3%	51.3	51.5	0.2	0.4%	
13.6%	51.2	51.3	0.1	0.2%	
14.8%	51.2	51.3	0.1	0.2%	
16.0%	51.1	51.2	0.1	0.2%	
17.3%	51.0	51.2	0.2	0.4%	
18.5%	51.0	51.0	0.0	0.0%	
19.8%	50.9	50.9	0.0	0.0%	
21.0%	50.9	50.7	-0.2	-0.4%	
22.2%	50.7	50.7	0.0	0.0%	
23.5%	50.7	50.7	0.0	0.0%	
24.7%	50.6	50.5	-0.1	-0.2%	
25.9%	50.5	50.5	0.0	0.0%	
27.2%	50.6	50.5	-0.1	-0.2%	
28.4%	50.5	50.5	0.0	0.0%	
29.6%	50.3	50.4	0.1	0.2%	
30.9%	50.3	50.4	0.1	0.2%	
32.1%	50.2	50.4	0.2	0.4%	
33.3%	50.1	50.2	0.1	0.2%	
34.5%	50.0	50.1	0.1	0.2%	
35.8%	49.9	50.0	0.1	0.2%	
37.0%	49.8	50.0	0.2	0.4%	
38.3%	49.8	49.9	0.1	0.2%	
39.5%	49.7	49.8	0.1	0.2%	
40.7%	49.7	49.7	0.0	0.0%	
42.0%	49.6	49.7	0.1	0.2%	
43.2%	49.6	49.6	0.0	0.0%	
44.4%	49.5	49.6	0.1	0.2%	
45.7%	49.5	49.5	0.0	0.0%	
46.9%	49.5	49.5	0.0	0.0%	
48.1%	49.4	49.5	0.1	0.2%	
49.4%	49.4	49.4	0.0	0.0%	
50.6%	49.3	49.4	0.1	0.2%	
51.9%	49.3	49.3	0.0	0.0%	
53.1%	49.2	49.3	0.1	0.2%	
54.3%	49.2	49.2	0.0	0.0%	
55.6%	49.2	49.2	0.0	0.0%	
56.8%	49.2	49.2	0.0	0.0%	
58.0%	49.1	49.2	0.1	0.2%	
59.3%	49.1	49.2	0.1	0.2%	
60.5%	49.1	49.1	0.0	0.0%	
61.7%	49.0	49.1	0.1	0.2%	
63.0%	49.0	49.1	0.1	0.2%	
64.2%	48.9	49.0	0.1	0.2%	
65.4%	48.8	49.0	0.2	0.4%	
66.7%	48.8	48.9	0.1	0.2%	
67.9%	48.8	48.9	0.1	0.2%	
69.1%	48.8	48.8	0.0	0.0%	
70.4%	48.7	48.8	0.1	0.2%	
71.6%	48.7	48.8	0.1	0.2%	
72.8%	48.7	48.7	0.0	0.0%	
74.1%	48.6	48.7	0.1	0.2%	
75.3%	48.5	48.6	0.1	0.2%	
76.5%	48.5	48.6	0.1	0.2%	
77.8%	48.5	48.5	0.0	0.0%	
79.0%	48.4	48.4	0.0	0.0%	
80.2%	48.4	48.4	0.0	0.0%	
81.5%	48.4	48.3	-0.1	-0.2%	
82.7%	48.2	48.1	-0.1	-0.2%	
84.0%	48.1	48.1	0.0	0.0%	
85.2%	48.1	48.0	-0.1	-0.2%	
86.4%	48.1	48.0	-0.1	-0.2%	
87.7%	48.0	48.0	0.0	0.0%	
88.9%	47.9	48.0	0.1	0.2%	
90.1%	47.8	47.7	-0.1	-0.2%	
91.4%	47.6	47.6	0.0	0.0%	
92.6%	47.4	47.5	0.1	0.2%	
93.8%	47.3	47.4	0.1	0.2%	
95.1%	47.2	47.2	0.0	0.0%	
96.3%	47.1	47.1	0.0	0.0%	
97.5%	47.0	47.1	0.1	0.2%	
98.8%	46.3	46.3	0.0	0.0%	
100.0%	46.3	46.3	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.5	60.5	0.0	0.0%	
1.2%	59.3	59.2	-0.1	-0.2%	
2.5%	57.9	58.2	0.3	0.5%	
3.7%	57.8	57.9	0.1	0.2%	
4.9%	57.8	57.9	0.1	0.2%	
6.2%	57.5	57.8	0.3	0.5%	
7.4%	57.3	57.5	0.2	0.3%	
8.6%	57.2	57.3	0.1	0.2%	
9.9%	57.2	57.2	0.0	0.0%	
11.1%	56.7	57.1	0.4	0.7%	
12.3%	56.7	57.0	0.3	0.5%	
13.6%	56.5	56.8	0.3	0.5%	
14.8%	56.4	56.7	0.3	0.5%	
16.0%	56.2	56.4	0.2	0.4%	
17.3%	56.1	56.3	0.2	0.4%	
18.5%	56.1	56.2	0.1	0.2%	
19.8%	56.1	56.2	0.1	0.2%	
21.0%	56.1	56.1	0.0	0.0%	
22.2%	56.0	56.0	0.0	0.0%	
23.5%	55.9	56.0	0.1	0.2%	
24.7%	55.7	55.9	0.2	0.4%	
25.9%	55.5	55.5	0.0	0.0%	
27.2%	55.4	55.7	0.3	0.5%	
28.4%	55.3	55.6	0.3	0.5%	
29.6%	55.2	55.5	0.3	0.5%	
30.9%	55.2	55.4	0.2	0.4%	
32.1%	55.1	55.4	0.3	0.5%	
33.3%	55.1	55.3	0.2	0.4%	
34.5%	55.1	55.2	0.1	0.2%	
35.8%	55.1	55.1	0.0	0.0%	
37.0%	55.1	55.1	0.0	0.0%	
38.3%	55.0	55.0	0.0	0.0%	
39.5%	54.9	55.0	0.1	0.2%	
40.7%	54.9	55.0	0.1	0.2%	
42.0%	54.7	55.0	0.3	0.5%	
43.2%	54.6	54.9	0.3	0.5%	
44.4%	54.5	54.8	0.3	0.5%	
45.7%	54.4	54.6	0.2	0.4%	
46.9%	54.3	54.4	0.1	0.2%	
48.1%	54.3	54.3	0.0	0.0%	
49.4%	54.2	54.3	0.1	0.2%	
50.6%	54.2	54.3	0.1	0.2%	
51.9%	54.1	54.2	0.1	0.2%	
53.1%	54.1	54.2	0.1	0.2%	
54.3%	54.0	54.1	0.1	0.2%	
55.6%	54.0	54.1	0.1	0.2%	
56.8%	53.9	54.0	0.1	0.2%	
58.0%	53.9	53.9	0.0	0.0%	
59.3%	53.8	53.9	0.1	0.2%	
60.5%	53.8	53.9	0.1	0.2%	
61.7%	53.8	53.8	0.0	0.0%	
63.0%	53.8	53.7	-0.1	-0.2%	
64.2%	53.7	53.7	0.0	0.0%	
65.4%	53.6	53.7	0.1	0.2%	
66.7%	53.5	53.6	0.1	0.2%	
67.9%	53.2	53.5	0.3	0.6%	
69.1%	53.2	53.5	0.3	0.6%	
70.4%	53.1	53.1	0.0	0.0%	
71.6%	53.1	53.1	0.0	0.0%	
72.8%	52.9	53.1	0.2	0.4%	
74.1%	52.8	52.9	0.1	0.2%	
75.3%	52.6	52.9	0.3	0.6%	
76.5%	52.5	52.8	0.3	0.6%	
77.8%	52.5	52.7	0.2	0.4%	
79.0%	52.4	52.5	0.1	0.2%	
80.2%	52.4	52.5	0.1	0.2%	
81.5%	52.4	52.4	0.0	0.0%	
82.7%	52.2	52.3	0.1	0.2%	
84.0%	52.1	52.2	0.1	0.2%	
85.2%	52.0	52.1	0.1	0.2%	
86.4%	52.0	52.1	0.1	0.2%	
87.7%	52.0	52.0	0.0	0.0%	
88.9%	52.0	52.0	0.0	0.0%	
90.1%	51.9	52.0	0.1	0.2%	
91.4%	51.7	51.9	0.2	0.4%	
92.6%	51.6	51.7	0.1	0.2%	
93.8%	51.6	51.5	-0.1	-0.2%	
95.1%	51.4	51.4	0.0	0.0%	
96.3%	51.3	51.4	0.1	0.2%	
97.5%	51.3	51.3	0.0	0.0%	
98.8%	51.0	51.0	0.0	0.0%	
100.0%	51.0	51.0	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.4	65.8	0.4	0.6%	
1.2%	65.4	65.3	-0.1	-0.2%	
2.5%	65.2	65.9	0.7	1.1%	
3.7%	64.7	64.7	0.0	0.0%	
4.9%	64.6	64.6	0.0	0.0%	
6.2%	64.4	64.5	0.1	0.2%	
7.4%	64.3	64.5	0.2	0.3%	
8.6%	64.1	64.2	0.1	0.2%	
9.9%	64.0	64.1	0.1	0.2%	
11.1%	63.9	63.9	0.0	0.0%	
12.3%	63.6	63.7	0.1	0.2%	
13.6%	63.2	63.4	0.2	0.3%	
14.8%	63.2	63.2	0.0	0.0%	
16.0%	63.0	63.1	0.1	0.2%	
17.3%	63.0	63.1	0.1	0.2%	
18.5%	62.9	62.9	0.0	0.0%	
19.8%	62.9	62.9	0.0	0.0%	
21.0%	62.8	62.8	0.0	0.0%	
22.2%	62.7	62.8	0.1	0.2%	
23.5%	62.6	62.7	0.1	0.2%	
24.7%	62.5	62.5	0.0	0.0%	
25.9%	62.3	62.3	0.0	0.0%	
27.2%	62.3	62.3	0.0	0.0%	
28.4%	62.1	62.2	0.1	0.2%	
29.6%	62.1	62.1	0.0	0.0%	
30.9%	62.0	62.1	0.1	0.2%	
32.1%	61.9	61.9	0.0	0.0%	
33.3%	61.6	61.7	0.1	0.2%	
34.5%	61.5	61.5	0.0	0.0%	
35.8%	61.4	61.4	0.0	0.0%	
37.0%	61.4	61.4	0.0	0.0%	
38.3%	61.3	61.4	0.1	0.2%	
39.5%	61.2	61.3	0.1	0.2%	
40.7%	61.2	61.3	0.1	0.2%	
42.0%	61.2	61.3	0.1	0.2%	
43.2%	61.1	61.2	0.1	0.2%	
44.4%	60.9	61.2	0.3	0.5%	
45.7%	60.9	61.0	0.1	0.2%	
46.9%	60.8	60.9	0.1	0.2%	
48.1%	60.8	60.9	0.1	0.2%	
49.4%	60.8	60.9	0.1	0.2%	
50.6%	60.8	60.8	0.0	0.0%	
51.9%	60.7	60.8	0.1	0.2%	
53.1%	60.6	60.7	0.1	0.2%	
54.3%	60.6	60.6	0.0	0.0%	
55.6%	60.6	60.6	0.0	0.0%	
56.8%	60.5	60.5	0.0	0.0%	
58.0%	60.5	60.5	0.0	0.0%	
59.3%	60.1	60.1	0.0	0.0%	
60.5%	60.0	60.1	0.1	0.2%	
61.7%	59.6	59.9	0.3	0.5%	
63.0%	59.6	59.7	0.1	0.2%	
64.2%	59.6	59.6	0.0	0.0%	
65.4%	59.6	59.6	0.0	0.0%	
66.7%	59.5	59.5	0.0	0.0%	
67.9%	59.3	59.4	0.1	0.2%	
69.1%	59.3	59.3	0.0	0.0%	
70.4%	59.2	59.2	0.0	0.0%	
71.6%	59.1	59.1	0.0	0.0%	
72.8%	59.1	59.0	-0.1	-0.2%	
74.1%	59.0	59.0	0.0	0.0%	
75.3%	58.5	58.5	0.0	0.0%	
76.5%	58.4	58.5	0.1	0.2%	
77.8%	58.4	58.4	0.0	0.0%	
79.0%	58.4	58.4	0.0	0.0%	
80.2%	57.8				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	74.2	74.0	-0.2	-0.3%	
1.2%	73.9	73.9	0.0	0.0%	
2.5%	73.5	73.4	-0.1	-0.1%	
3.7%	73.1	73.4	0.3	0.4%	
4.9%	73.0	73.1	0.1	0.1%	
6.2%	72.9	73.1	0.2	0.3%	
7.4%	72.8	73.0	0.2	0.3%	
8.6%	72.7	72.8	0.1	0.1%	
9.9%	72.4	72.6	0.2	0.3%	
11.1%	72.3	72.6	0.3	0.4%	
12.3%	72.2	72.5	0.3	0.4%	
13.6%	72.2	72.4	0.2	0.3%	
14.8%	72.2	72.2	0.0	0.0%	
16.0%	72.1	72.2	0.1	0.1%	
17.3%	72.0	72.1	0.1	0.1%	
18.5%	71.9	72.0	0.1	0.1%	
19.8%	71.6	71.9	0.3	0.4%	
21.0%	71.5	71.5	0.0	0.0%	
22.2%	71.5	71.5	0.0	0.0%	
23.5%	71.3	71.4	0.1	0.1%	
24.7%	71.2	71.4	0.2	0.3%	
25.9%	70.9	71.2	0.1	0.1%	
27.2%	71.2	71.2	0.0	0.0%	
28.4%	71.1	71.2	0.1	0.1%	
29.6%	71.1	71.2	0.1	0.1%	
30.9%	71.0	71.1	0.1	0.1%	
32.1%	70.9	71.1	0.2	0.3%	
33.3%	70.9	71.0	0.1	0.1%	
34.5%	70.9	70.9	0.0	0.0%	
35.8%	70.8	70.8	0.0	0.0%	
37.0%	70.8	70.8	0.0	0.0%	
38.3%	70.8	70.7	-0.1	-0.1%	
39.5%	70.7	70.7	0.0	0.0%	
40.7%	70.7	70.7	0.0	0.0%	
42.0%	70.6	70.6	0.0	0.0%	
43.2%	70.6	70.5	-0.1	-0.1%	
44.4%	70.6	70.5	-0.1	-0.1%	
45.7%	70.5	70.5	0.0	0.0%	
46.9%	70.5	70.4	-0.1	-0.1%	
48.1%	70.5	70.3	-0.2	-0.3%	
49.4%	70.4	70.2	-0.2	-0.3%	
50.6%	70.3	70.2	-0.1	-0.1%	
51.9%	70.3	70.2	-0.1	-0.1%	
53.1%	70.2	70.2	0.0	0.0%	
54.3%	70.2	70.1	-0.1	-0.1%	
55.6%	70.1	70.0	-0.1	-0.1%	
56.8%	70.1	69.9	-0.2	-0.3%	
58.0%	70.0	69.9	-0.1	-0.1%	
59.3%	70.0	69.8	-0.2	-0.3%	
60.5%	69.8	69.8	0.0	0.0%	
61.7%	69.8	69.7	-0.1	-0.1%	
63.0%	69.8	69.7	-0.1	-0.1%	
64.2%	69.7	69.7	0.0	0.0%	
65.4%	69.6	69.5	-0.1	-0.1%	
66.7%	69.5	69.5	0.0	0.0%	
67.9%	69.4	69.3	-0.1	-0.1%	
69.1%	69.3	69.3	0.0	0.0%	
70.4%	69.3	69.3	0.0	0.0%	
71.6%	69.2	69.2	0.0	0.0%	
72.8%	69.1	69.2	0.1	0.1%	
74.1%	69.1	69.1	0.0	0.0%	
75.3%	69.1	69.1	0.0	0.0%	
76.5%	68.9	68.9	0.0	0.0%	
77.8%	68.7	68.6	-0.1	-0.1%	
79.0%	68.7	68.5	-0.2	-0.3%	
80.2%	68.6	68.5	-0.1	-0.1%	
81.5%	68.4	68.3	-0.1	-0.1%	
82.7%	68.4	68.2	-0.2	-0.3%	
84.0%	68.2	68.1	-0.1	-0.1%	
85.2%	68.1	68.0	-0.1	-0.1%	
86.4%	67.8	67.8	0.0	0.0%	
87.7%	67.4	67.4	0.0	0.0%	
88.9%	67.4	67.4	0.0	0.0%	
90.1%	67.2	67.3	0.1	0.1%	
91.4%	67.2	67.1	-0.1	-0.1%	
92.6%	66.7	66.6	-0.1	-0.1%	
93.8%	66.6	66.6	0.0	0.0%	
95.1%	66.6	66.4	-0.2	-0.3%	
96.3%	66.6	66.3	-0.3	-0.4%	
97.5%	66.4	66.3	-0.1	-0.2%	
98.8%	65.6	65.4	-0.2	-0.3%	
100.0%	65.6	65.4	-0.2	-0.3%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	77.2	76.7	-0.5	-0.6%	
1.2%	76.2	75.8	-0.4	-0.5%	
2.5%	76.1	75.7	-0.4	-0.5%	
3.7%	74.8	74.4	-0.4	-0.5%	
4.9%	74.5	74.4	-0.1	-0.1%	
6.2%	74.2	74.2	0.0	0.0%	
7.4%	74.0	74.0	0.0	0.0%	
8.6%	73.7	74.0	0.3	0.4%	
9.9%	73.6	73.4	-0.2	-0.3%	
11.1%	73.6	73.3	-0.3	-0.4%	
12.3%	73.5	73.3	-0.2	-0.3%	
13.6%	73.5	73.3	-0.2	-0.3%	
14.8%	73.4	73.2	-0.2	-0.3%	
16.0%	73.3	73.2	-0.1	-0.1%	
17.3%	73.2	73.2	0.0	0.0%	
18.5%	73.2	73.1	-0.1	-0.1%	
19.8%	73.1	73.0	-0.1	-0.1%	
21.0%	73.1	73.0	-0.1	-0.1%	
22.2%	73.1	72.9	-0.2	-0.3%	
23.5%	73.1	72.9	-0.2	-0.3%	
24.7%	73.1	72.8	-0.3	-0.4%	
25.9%	73.0	72.8	-0.2	-0.3%	
27.2%	73.0	72.8	-0.2	-0.3%	
28.4%	73.0	72.8	-0.2	-0.3%	
29.6%	72.9	72.7	-0.2	-0.3%	
30.9%	72.9	72.6	-0.3	-0.4%	
32.1%	72.9	72.6	-0.3	-0.4%	
33.3%	72.9	72.5	-0.4	-0.5%	
34.5%	72.8	72.5	-0.3	-0.4%	
35.8%	72.8	72.5	-0.3	-0.4%	
37.0%	72.7	72.5	-0.2	-0.3%	
38.3%	72.6	72.5	-0.1	-0.1%	
39.5%	72.6	72.4	-0.2	-0.3%	
40.7%	72.5	72.2	-0.3	-0.4%	
42.0%	72.4	72.1	-0.3	-0.4%	
43.2%	72.4	72.1	-0.3	-0.4%	
44.4%	72.4	72.0	-0.4	-0.6%	
45.7%	72.3	72.0	-0.3	-0.4%	
46.9%	72.3	72.0	-0.3	-0.4%	
48.1%	72.2	71.9	-0.3	-0.4%	
49.4%	72.2	71.9	-0.3	-0.4%	
50.6%	72.2	71.8	-0.4	-0.6%	
51.9%	72.2	71.6	-0.6	-0.8%	
53.1%	72.1	71.6	-0.5	-0.7%	
54.3%	72.1	71.6	-0.5	-0.7%	
55.6%	72.0	71.6	-0.4	-0.6%	
56.8%	71.8	71.6	-0.2	-0.3%	
58.0%	71.8	71.5	-0.3	-0.4%	
59.3%	71.7	71.4	-0.3	-0.4%	
60.5%	71.6	71.4	-0.2	-0.3%	
61.7%	71.6	71.4	-0.2	-0.3%	
63.0%	71.6	71.3	-0.3	-0.4%	
64.2%	71.5	71.3	-0.2	-0.3%	
65.4%	71.5	71.2	-0.3	-0.4%	
66.7%	71.5	71.2	-0.3	-0.4%	
67.9%	71.4	71.2	-0.2	-0.3%	
69.1%	71.4	71.1	-0.3	-0.4%	
70.4%	71.4	71.1	-0.3	-0.4%	
71.6%	71.4	71.1	-0.3	-0.4%	
72.8%	71.4	71.1	-0.3	-0.4%	
74.1%	71.3	71.1	-0.2	-0.3%	
75.3%	71.3	70.8	-0.5	-0.7%	
76.5%	71.3	70.8	-0.5	-0.7%	
77.8%	71.2	70.8	-0.4	-0.6%	
79.0%	71.1	70.8	-0.3	-0.4%	
80.2%	71.1	70.7	-0.4	-0.6%	
81.5%	71.0	70.7	-0.3	-0.4%	
82.7%	70.9	70.6	-0.3	-0.4%	
84.0%	70.8	70.6	-0.2	-0.3%	
85.2%	70.7	70.4	-0.3	-0.4%	
86.4%	70.6	70.1	-0.5	-0.7%	
87.7%	70.5	70.0	-0.5	-0.7%	
88.9%	70.3	69.8	-0.5	-0.7%	
90.1%	70.2	69.7	-0.5	-0.7%	
91.4%	70.1	69.6	-0.5	-0.7%	
92.6%	70.0	69.4	-0.6	-0.9%	
93.8%	70.0	69.3	-0.7	-1.0%	
95.1%	69.7	68.9	-0.8	-1.1%	
96.3%	69.2	68.5	-0.7	-1.0%	
97.5%	68.9	68.5	-0.4	-0.6%	
98.8%	68.9	68.3	-0.6	-0.9%	
100.0%	68.9	68.3	-0.6	-0.9%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	75.0	74.2	-0.8	-1.1%	
1.2%	74.8	74.1	-0.7	-0.9%	
2.5%	74.7	74.1	-0.6	-0.8%	
3.7%	74.7	73.8	-0.9	-1.2%	
4.9%	74.5	73.7	-0.8	-1.1%	
6.2%	74.2	73.7	-0.5	-0.7%	
7.4%	74.1	73.7	-0.4	-0.5%	
8.6%	74.1	73.7	-0.4	-0.5%	
9.9%	74.0	73.6	-0.4	-0.5%	
11.1%	74.0	73.5	-0.5	-0.7%	
12.3%	73.9	73.5	-0.4	-0.5%	
13.6%	73.7	73.4	-0.3	-0.4%	
14.8%	73.5	73.3	-0.2	-0.3%	
16.0%	73.4	73.2	-0.2	-0.3%	
17.3%	73.4	73.1	-0.3	-0.4%	
18.5%	73.3	72.9	-0.4	-0.5%	
19.8%	73.2	72.7	-0.5	-0.7%	
21.0%	73.2	72.7	-0.5	-0.7%	
22.2%	72.9	72.5	-0.4	-0.5%	
23.5%	72.9	72.5	-0.4	-0.5%	
24.7%	72.8	72.5	-0.3	-0.4%	
25.9%	72.8	72.0	-0.8	-1.1%	
27.2%	72.7	72.3	-0.4	-0.6%	
28.4%	72.7	72.2	-0.5	-0.7%	
29.6%	72.7	72.2	-0.5	-0.7%	
30.9%	72.7	72.1	-0.6	-0.8%	
32.1%	72.6	72.0	-0.6	-0.8%	
33.3%	72.6	72.0	-0.6	-0.8%	
34.5%	71.9	71.9	0.0	0.0%	
35.8%	72.4	71.9	-0.5	-0.7%	
37.0%	72.2	71.9	-0.3	-0.4%	
38.3%	72.2	71.8	-0.4	-0.6%	
39.5%	72.2	71.8	-0.4	-0.6%	
40.7%	72.2	71.8	-0.4	-0.6%	
42.0%	72.2	71.7	-0.5	-0.7%	
43.2%	72.0	71.7	-0.3	-0.4%	
44.4%	71.9	71.6	-0.3	-0.4%	
45.7%	71.9	71.6	-0.3	-0.4%	
46.9%	71.9	71.4	-0.5	-0.7%	
48.1%	71.8	71.3	-0.5	-0.7%	
49.4%	71.8	71.3	-0.5	-0.7%	
50.6%	71.5	71.2	-0.3	-0.4%	
51.9%	71.4	71.2	-0.2	-0.3%	
53.1%	71.4	71.2	-0.2	-0.3%	
54.3%	71.3	71.2	-0.1	-0.1%	
55.6%	71.2	71.1	-0.1	-0.1%	
56.8%	71.1	71.0	-0.1	-0.1%	
58.0%	71.1	71.0	-0.1	-0.1%	
59.3%	71.1	71.0	-0.1	-0.1%	
60.5%	71.1	71.0	-0.1	-0.1%	
61.7%	71.0	70.9	-0.1	-0.1%	
63.0%	71.0	70.9	-0.1	-0.1%	
64.2%	71.0	70.8	-0.2	-0.3%	
65.4%	70.9	70.8	-0.1	-0.1%	
66.7%	70.9	70.8	-0.1	-0.1%	
67.9%	70.8	70.8	0.0	0.0%	
69.1%	70.7	70.6	-0.1	-0.1%	
70.4%	70.7	70.6	-0.1	-0.1%	
71.6%	70.6	70.6	0.0	0.0%	
72.8%	70.6	70.5	-0.1	-0.1%	
74.1%	70.5	70.5	0.0	0.0%	
75.3%	70.5	70.4	-0.1	-0.1%	
76.5%	70.5	70.4	-0.1	-0.1%	
77.8%	70.5	70.4	-0.1	-0.1%	
79.0%	70.5	70.4	-0.1	-0.1%	
80.2%	70.4				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative C	60.5	52.4	45.6	44.9	49.5	54.4	60.6	66.1	70.2	71.6	71.3	67.3
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.1	0.1	-0.1	-0.5	-0.3	-0.3
Percent Difference ³	-0.3%	0.0%	0.1%	0.1%	0.1%	0.3%	0.1%	0.1%	-0.1%	-0.7%	-0.4%	-0.5%
Water Year Types²												
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative C	59.9	52.9	46.1	45.8	49.5	53.1	58.4	64.4	69.1	71.9	71.7	65.2
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.4	0.2	-0.2
Percent Difference	-0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	-0.6%	0.3%	-0.3%
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative C	59.9	51.4	45.4	44.9	49.4	53.9	60.5	66.4	70.5	70.5	70.6	66.4
Difference	-0.3	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	-0.7	0.0	-0.1
Percent Difference	-0.5%	0.1%	0.0%	0.1%	0.2%	0.2%	0.1%	0.1%	0.0%	-1.0%	0.0%	-0.1%
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative C	60.3	52.4	45.6	44.2	48.9	54.6	61.0	66.4	70.5	71.4	71.5	68.9
Difference	-0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.1	0.1	-0.7	-0.1	-0.4
Percent Difference	-0.4%	0.1%	0.1%	0.0%	0.1%	0.4%	0.1%	0.1%	0.1%	-1.0%	-0.2%	-0.5%
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative C	60.7	52.4	45.6	44.0	49.4	55.2	62.0	67.1	71.2	71.2	70.5	68.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.3	0.2	0.1	-0.1	-0.5	-0.6	-0.6
Percent Difference	-0.1%	0.0%	0.1%	0.0%	0.0%	0.5%	0.4%	0.2%	-0.1%	-0.7%	-0.9%	-0.8%
Critical (15%)												
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative C	62.3	52.3	44.7	44.6	50.4	55.7	62.6	67.4	70.1	72.8	71.9	69.5
Difference	0.0	-0.1	0.1	0.1	0.1	0.2	0.1	0.1	-0.2	-0.3	-1.1	-0.2
Percent Difference	-0.1%	-0.1%	0.1%	0.2%	0.1%	0.4%	0.2%	0.1%	-0.2%	-0.5%	-1.6%	-0.3%

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

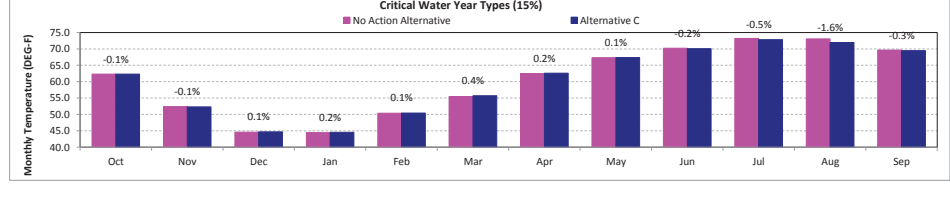
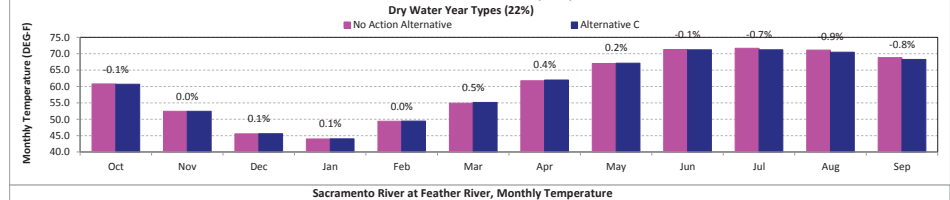
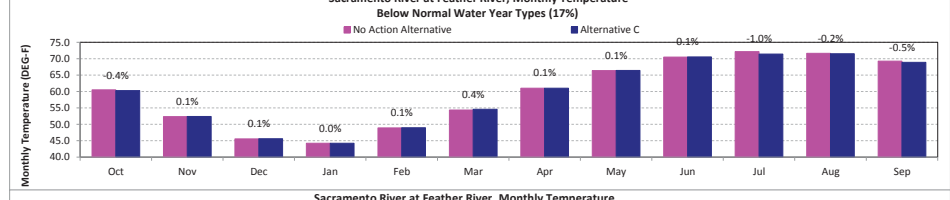
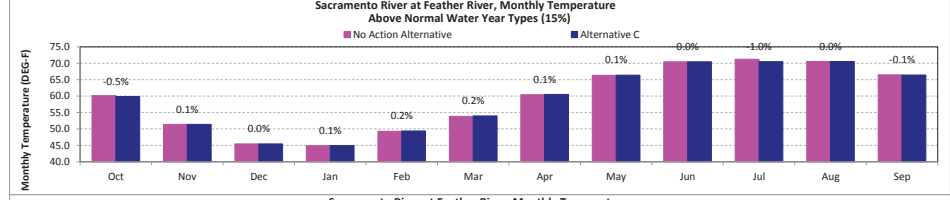
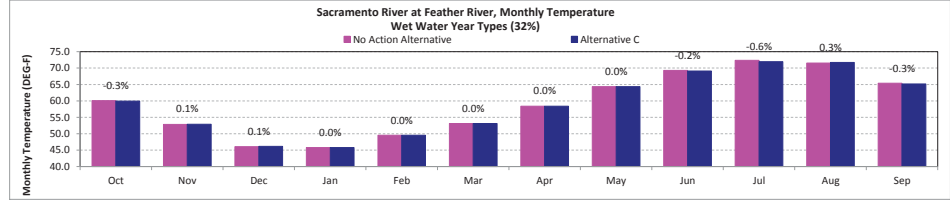
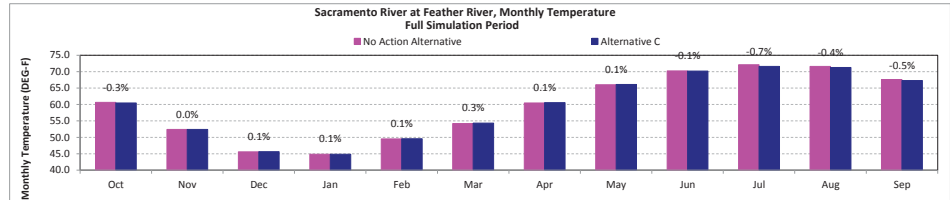


Figure SQ-13-7b
 Sacramento River at Feather River, Monthly Temperature
 Probability of Exceedance

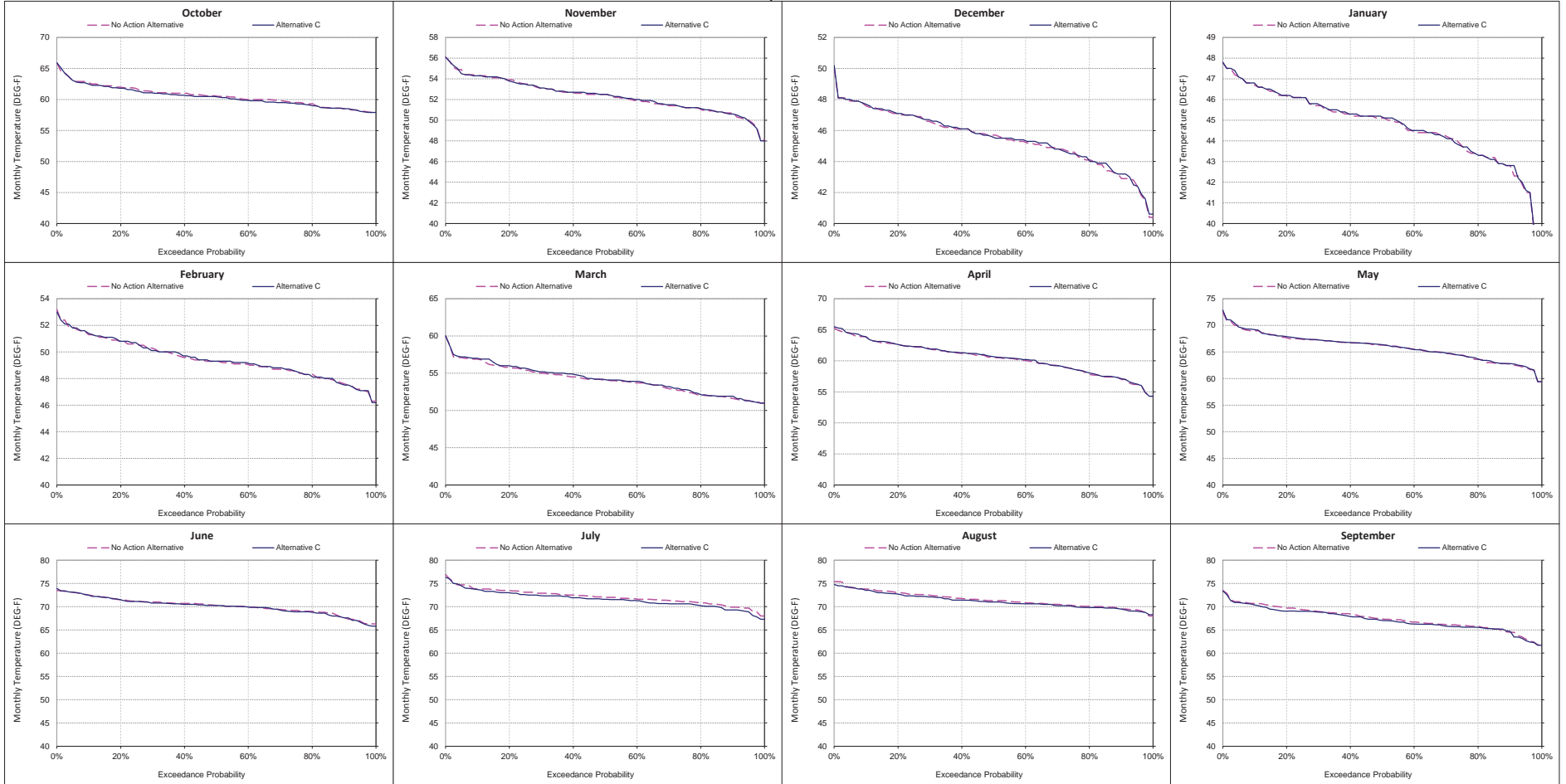


Table SQ-13-7b
Sacramento River at Feather River, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.9	65.9	0.0	0.0%	
1.2%	64.6	65.1	0.5	0.8%	
2.5%	64.3	64.2	-0.1	-0.2%	
3.7%	63.7	63.0	0.0	0.0%	
4.9%	63.0	63.1	0.1	0.2%	
6.2%	62.9	62.8	-0.1	-0.2%	
7.4%	62.9	62.7	-0.2	-0.3%	
8.6%	62.9	62.7	-0.2	-0.3%	
9.9%	62.7	62.5	-0.2	-0.3%	
11.1%	62.5	62.3	-0.2	-0.3%	
12.3%	62.5	62.3	-0.2	-0.3%	
13.6%	62.3	62.3	0.0	0.0%	
14.8%	62.2	62.1	-0.1	-0.2%	
16.0%	62.2	62.1	-0.1	-0.2%	
17.3%	62.2	61.9	-0.3	-0.5%	
18.5%	62.0	61.9	-0.1	-0.2%	
19.8%	62.0	61.8	-0.2	-0.3%	
21.0%	61.9	61.8	-0.1	-0.2%	
22.2%	61.9	61.6	-0.3	-0.5%	
23.5%	61.9	61.6	-0.3	-0.5%	
24.7%	61.8	61.4	-0.4	-0.6%	
25.9%	61.8	61.3	-0.5	-0.8%	
27.2%	61.4	61.1	-0.3	-0.5%	
28.4%	61.4	61.1	-0.3	-0.5%	
29.6%	61.3	61.1	-0.2	-0.3%	
30.9%	61.1	61.0	-0.1	-0.2%	
32.1%	61.1	61.0	-0.1	-0.2%	
33.3%	61.1	60.9	-0.2	-0.3%	
34.5%	61.1	60.9	-0.2	-0.3%	
35.8%	61.0	60.8	-0.2	-0.3%	
37.0%	61.0	60.8	-0.2	-0.3%	
38.3%	61.0	60.7	-0.3	-0.5%	
39.5%	61.0	60.7	-0.3	-0.5%	
40.7%	61.0	60.6	-0.4	-0.7%	
42.0%	60.8	60.6	-0.2	-0.3%	
43.2%	60.8	60.5	-0.3	-0.5%	
44.4%	60.8	60.5	-0.3	-0.5%	
45.7%	60.7	60.5	-0.2	-0.3%	
46.9%	60.6	60.5	-0.1	-0.2%	
48.1%	60.6	60.5	-0.1	-0.2%	
49.4%	60.6	60.5	-0.1	-0.2%	
50.6%	60.5	60.4	-0.1	-0.2%	
51.9%	60.5	60.3	-0.2	-0.3%	
53.1%	60.5	60.3	-0.2	-0.3%	
54.3%	60.4	60.1	-0.3	-0.5%	
55.6%	60.4	60.1	-0.3	-0.5%	
56.8%	60.2	60.0	-0.2	-0.3%	
58.0%	60.1	59.9	-0.2	-0.3%	
59.3%	60.0	59.9	-0.1	-0.2%	
60.5%	60.0	59.8	-0.2	-0.3%	
61.7%	60.0	59.8	-0.2	-0.3%	
63.0%	60.0	59.8	-0.2	-0.3%	
64.2%	60.0	59.8	-0.2	-0.3%	
65.4%	60.0	59.6	-0.4	-0.7%	
66.7%	60.0	59.6	-0.4	-0.7%	
67.9%	59.9	59.6	-0.3	-0.5%	
69.1%	59.9	59.5	-0.4	-0.7%	
70.4%	59.8	59.5	-0.3	-0.5%	
71.6%	59.7	59.5	-0.2	-0.3%	
72.8%	59.6	59.4	-0.2	-0.3%	
74.1%	59.5	59.4	-0.1	-0.2%	
75.3%	59.5	59.3	-0.2	-0.3%	
76.5%	59.5	59.3	-0.2	-0.3%	
77.8%	59.3	59.2	-0.1	-0.2%	
79.0%	59.3	59.1	-0.2	-0.3%	
80.2%	59.3	59.0	-0.3	-0.5%	
81.5%	58.9	59.0	0.1	0.2%	
82.7%	58.8	58.7	-0.1	-0.2%	
84.0%	58.7	58.7	0.0	0.0%	
85.2%	58.7	58.6	-0.1	-0.2%	
86.4%	58.6	58.6	0.0	0.0%	
87.7%	58.6	58.6	0.0	0.0%	
88.9%	58.6	58.5	-0.1	-0.2%	
90.1%	58.5	58.5	0.0	0.0%	
91.4%	58.4	58.5	0.1	0.2%	
92.6%	58.3	58.4	0.1	0.2%	
93.8%	58.3	58.3	0.0	0.0%	
95.1%	58.1	58.1	0.0	0.0%	
96.3%	58.1	58.0	-0.1	-0.2%	
97.5%	58.0	57.9	-0.1	-0.2%	
98.8%	57.9	57.9	0.0	0.0%	
100.0%	57.9	57.9	0.0	0.0%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.1	56.1	0.0	0.0%	
1.2%	55.7	55.7	0.0	0.0%	
2.5%	55.1	55.3	0.2	0.4%	
3.7%	54.9	54.9	0.0	0.0%	
4.9%	54.9	54.5	-0.4	-0.7%	
6.2%	54.4	54.4	0.0	0.0%	
7.4%	54.4	54.4	0.0	0.0%	
8.6%	54.4	54.3	-0.1	-0.2%	
9.9%	54.3	54.3	0.0	0.0%	
11.1%	54.3	54.3	0.0	0.0%	
12.3%	54.3	54.2	-0.1	-0.2%	
13.6%	54.1	54.2	0.1	0.2%	
14.8%	54.1	54.2	0.1	0.2%	
16.0%	54.1	54.2	0.1	0.2%	
17.3%	54.1	54.1	0.0	0.0%	
18.5%	53.9	54.0	0.1	0.2%	
19.8%	53.9	53.8	-0.1	-0.2%	
21.0%	53.9	53.7	-0.2	-0.4%	
22.2%	53.7	53.6	-0.1	-0.2%	
23.5%	53.6	53.5	-0.1	-0.2%	
24.7%	53.5	53.5	0.0	0.0%	
25.9%	53.2	53.4	0.2	0.4%	
27.2%	53.4	53.4	0.0	0.0%	
28.4%	53.2	53.3	0.1	0.2%	
29.6%	53.1	53.1	0.0	0.0%	
30.9%	53.1	53.1	0.0	0.0%	
32.1%	53.0	53.0	0.0	0.0%	
33.3%	53.0	53.0	0.0	0.0%	
34.5%	52.9	52.8	-0.1	-0.2%	
35.8%	52.8	52.8	0.0	0.0%	
37.0%	52.7	52.8	0.1	0.2%	
38.3%	52.7	52.7	0.0	0.0%	
39.5%	52.7	52.7	0.0	0.0%	
40.7%	52.6	52.7	0.1	0.2%	
42.0%	52.6	52.7	0.1	0.2%	
43.2%	52.6	52.7	0.1	0.2%	
44.4%	52.5	52.6	0.1	0.2%	
45.7%	52.5	52.6	0.1	0.2%	
46.9%	52.5	52.6	0.1	0.2%	
48.1%	52.5	52.5	0.0	0.0%	
49.4%	52.5	52.5	0.0	0.0%	
50.6%	52.5	52.5	0.0	0.0%	
51.9%	52.3	52.4	0.1	0.2%	
53.1%	52.2	52.3	0.1	0.2%	
54.3%	52.2	52.3	0.1	0.2%	
55.6%	52.1	52.2	0.1	0.2%	
56.8%	52.1	52.1	0.0	0.0%	
58.0%	52.0	52.1	0.1	0.2%	
59.3%	51.9	52.0	0.1	0.2%	
60.5%	51.9	52.0	0.1	0.2%	
61.7%	51.8	51.9	0.1	0.2%	
63.0%	51.8	51.9	0.1	0.2%	
64.2%	51.7	51.9	0.2	0.4%	
65.4%	51.6	51.8	0.2	0.4%	
66.7%	51.6	51.6	0.0	0.0%	
67.9%	51.5	51.6	0.1	0.2%	
69.1%	51.4	51.5	0.1	0.2%	
70.4%	51.4	51.5	0.1	0.2%	
71.6%	51.4	51.5	0.1	0.2%	
72.8%	51.4	51.4	0.0	0.0%	
74.1%	51.3	51.3	0.0	0.0%	
75.3%	51.2	51.2	0.0	0.0%	
76.5%	51.2	51.2	0.0	0.0%	
77.8%	51.2	51.2	0.0	0.0%	
79.0%	51.2	51.2	0.0	0.0%	
80.2%	51.0	51.1	0.1	0.2%	
81.5%	50.9	51.0	0.1	0.2%	
82.7%	50.9	51.0	0.1	0.2%	
84.0%	50.9	50.9	0.0	0.0%	
85.2%	50.8	50.8	0.0	0.0%	
86.4%	50.8	50.8	0.0	0.0%	
87.7%	50.7	50.7	0.0	0.0%	
88.9%	50.7	50.6	-0.1	-0.2%	
90.1%	50.7	50.6	-0.1	-0.2%	
91.4%	50.3	50.5	0.2	0.4%	
92.6%	50.2	50.3	0.1	0.2%	
93.8%	50.1	50.2	0.1	0.2%	
95.1%	50.0	49.9	-0.1	-0.2%	
96.3%	49.7	49.7	0.0	0.0%	
97.5%	49.3	49.2	-0.1	-0.2%	
98.8%	48.1	48.0	-0.1	-0.2%	
100.0%	48.1	48.0	-0.1	-0.2%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.0	50.2	0.2	0.4%	
1.2%	48.1	48.1	0.0	0.0%	
2.5%	47.1	47.1	0.0	0.0%	
3.7%	48.1	48.0	-0.1	-0.2%	
4.9%	47.9	48.0	0.1	0.2%	
6.2%	47.9	47.9	0.0	0.0%	
7.4%	47.9	47.9	0.0	0.0%	
8.6%	47.8	47.8	0.0	0.0%	
9.9%	47.6	47.7	0.1	0.2%	
11.1%	47.5	47.6	0.1	0.2%	
12.3%	47.5	47.4	-0.1	-0.2%	
13.6%	47.4	47.4	0.0	0.0%	
14.8%	47.3	47.4	0.1	0.2%	
16.0%	47.3	47.3	0.0	0.0%	
17.3%	47.2	47.3	0.1	0.2%	
18.5%	47.1	47.2	0.1	0.2%	
19.8%	47.1	47.1	0.0	0.0%	
21.0%	47.0	47.1	0.1	0.2%	
22.2%	47.0	47.0	0.0	0.0%	
23.5%	47.0	47.0	0.0	0.0%	
24.7%	47.0	47.0	0.0	0.0%	
25.9%	46.9	46.9	0.0	0.0%	
27.2%	46.9	46.8	-0.1	-0.2%	
28.4%	46.6	46.7	0.1	0.2%	
29.6%	46.6	46.7	0.1	0.2%	
30.9%	46.5	46.6	0.1	0.2%	
32.1%	46.4	46.6	0.2	0.4%	
33.3%	46.3	46.5	0.2	0.4%	
34.5%	46.2	46.3	0.1	0.2%	
35.8%	46.2	46.3	0.1	0.2%	
37.0%	46.2	46.2	0.0	0.0%	
38.3%	46.1	46.2	0.1	0.2%	
39.5%	46.1	46.1	0.0	0.0%	
40.7%	46.1	46.1	0.0	0.0%	
42.0%	46.1	46.1	0.0	0.0%	
43.2%	45.9	45.9	0.0	0.0%	
44.4%	45.9	45.8	-0.1	-0.2%	
45.7%	45.8	45.8	0.0	0.0%	
46.9%	45.8	45.7	-0.1	-0.2%	
48.1%	45.7	45.7	0.0	0.0%	
49.4%	45.7	45.6	-0.1	-0.2%	
50.6%	45.7	45.5	-0.2	-0.4%	
51.9%	45.6	45.5	-0.1	-0.2%	
53.1%	45.5	45.5	0.0	0.0%	
54.3%	45.4	45.5	0.1	0.2%	
55.6%	45.4	45.5	0.1	0.2%	
56.8%	45.3	45.4	0.1	0.2%	
58.0%	45.3	45.4	0.1	0.2%	
59.3%	45.3	45.4	0.1	0.2%	
60.5%	45.2	45.3	0.1	0.2%	
61.7%	45.2	45.3	0.1	0.2%	
63.0%	45.1	45.3	0.2	0.4%	
64.2%	45.1	45.2	0.1	0.2%	
65.4%	45.0	45.2	0.2	0.4%	
66.7%	44.9	45.2	0.3	0.7%	
67.9%	44.9	45.0	0.1	0.2%	
69.1%	44.9	44.8	-0.1	-0.2%	
70.4%	44.8	44.8	0.0	0.0%	
71.6%	44.8	44.7	-0.1	-0.2%	
72.8%	44.7	44.6	-0.1	-0.2%	
74.1%	44.6	44.5	-0.1	-0.2%	
75.3%	44.6	44.5	-0.1	-0.2%	
76.5%	44.3	44.4	0.1	0.2%	
77.8%	44.2	44.3	0.1	0.2%	
79.0%	44.1	44.3	0.2	0.5%	
80.2%	44.1				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.2	53.0	-0.2	-0.4%	
1.2%	52.4	52.4	0.0	0.0%	
2.5%	52.4	52.3	-0.3	-0.6%	
3.7%	51.9	52.1	0.2	0.4%	
4.9%	51.9	51.8	-0.1	-0.2%	
6.2%	51.7	51.8	0.1	0.2%	
7.4%	51.6	51.6	0.0	0.0%	
8.6%	51.6	51.6	0.0	0.0%	
9.9%	51.3	51.4	0.1	0.2%	
11.1%	51.3	51.3	0.0	0.0%	
12.3%	51.2	51.2	0.0	0.0%	
13.6%	51.1	51.2	0.1	0.2%	
14.8%	51.1	51.1	0.0	0.0%	
16.0%	51.0	51.1	0.1	0.2%	
17.3%	50.9	51.1	0.2	0.4%	
18.5%	50.9	51.0	0.1	0.2%	
19.8%	50.8	50.8	0.0	0.0%	
21.0%	50.8	50.8	0.0	0.0%	
22.2%	50.6	50.8	0.2	0.4%	
23.5%	50.6	50.7	0.1	0.2%	
24.7%	50.6	50.7	0.1	0.2%	
25.9%	50.5	50.5	0.0	0.0%	
27.2%	50.5	50.3	-0.2	-0.4%	
28.4%	50.3	50.3	0.0	0.0%	
29.6%	50.3	50.1	-0.2	-0.4%	
30.9%	50.2	50.1	-0.1	-0.2%	
32.1%	50.0	50.0	0.0	0.0%	
33.3%	50.0	50.0	0.0	0.0%	
34.5%	50.0	50.0	0.0	0.0%	
35.8%	49.9	50.0	0.1	0.2%	
37.0%	49.8	50.0	0.2	0.4%	
38.3%	49.7	49.9	0.2	0.4%	
39.5%	49.6	49.7	0.1	0.2%	
40.7%	49.6	49.7	0.1	0.2%	
42.0%	49.5	49.5	0.0	0.0%	
43.2%	49.4	49.6	0.2	0.4%	
44.4%	49.4	49.4	0.0	0.0%	
45.7%	49.4	49.4	0.0	0.0%	
46.9%	49.3	49.4	0.1	0.2%	
48.1%	49.3	49.3	0.0	0.0%	
49.4%	49.3	49.3	0.0	0.0%	
50.6%	49.3	49.3	0.0	0.0%	
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%	49.1	49.2	0.1	0.2%	
56.8%	49.1	49.2	0.1	0.2%	
58.0%	49.1	49.2	0.1	0.2%	
59.3%	49.1	49.2	0.1	0.2%	
60.5%	49.0	49.1	0.1	0.2%	
61.7%	49.0	49.1	0.1	0.2%	
63.0%	48.9	49.0	0.1	0.2%	
64.2%	48.9	48.9	0.0	0.0%	
65.4%	48.9	48.9	0.0	0.0%	
66.7%	48.8	48.9	0.1	0.2%	
67.9%	48.7	48.8	0.1	0.2%	
69.1%	48.7	48.8	0.1	0.2%	
70.4%	48.7	48.8	0.1	0.2%	
71.6%	48.7	48.7	0.0	0.0%	
72.8%	48.6	48.7	0.1	0.2%	
74.1%	48.6	48.6	0.0	0.0%	
75.3%	48.4	48.5	0.1	0.2%	
76.5%	48.4	48.4	0.0	0.0%	
77.8%	48.3	48.3	0.0	0.0%	
79.0%	48.3	48.3	0.0	0.0%	
80.2%	48.3	48.3	0.0	0.0%	
81.5%	48.1	48.1	0.0	0.0%	
82.7%	48.0	48.1	0.1	0.2%	
84.0%	48.0	48.0	0.0	0.0%	
85.2%	48.0	48.0	0.0	0.0%	
86.4%	47.9	48.0	0.1	0.2%	
87.7%	47.8	47.7	-0.1	-0.2%	
88.9%	47.7	47.6	-0.1	-0.2%	
90.1%	47.6	47.5	-0.1	-0.2%	
91.4%	47.5	47.5	0.0	0.0%	
92.6%	47.4	47.4	0.0	0.0%	
93.8%	47.2	47.2	0.0	0.0%	
95.1%	47.2	47.1	-0.1	-0.2%	
96.3%	47.1	47.1	0.0	0.0%	
97.5%	47.0	47.1	0.1	0.2%	
98.8%	46.3	46.2	-0.1	-0.2%	
100.0%	46.3	46.2	-0.1	-0.2%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.0	60.0	0.0	0.0%	
1.2%	58.8	58.8	0.0	0.0%	
2.5%	57.2	57.5	0.3	0.5%	
3.7%	57.1	57.1	0.0	0.0%	
4.9%	57.1	57.2	0.1	0.2%	
6.2%	57.0	57.2	0.2	0.4%	
7.4%	57.0	57.1	0.1	0.2%	
8.6%	56.9	57.0	0.1	0.2%	
9.9%	56.9	57.0	0.1	0.2%	
11.1%	56.8	56.9	0.1	0.2%	
12.3%	56.5	56.9	0.4	0.7%	
13.6%	56.2	56.9	0.7	1.2%	
14.8%	56.1	56.5	0.4	0.7%	
16.0%	56.0	56.2	0.2	0.4%	
17.3%	56.0	56.0	0.0	0.0%	
18.5%	55.8	56.0	0.2	0.4%	
19.8%	55.8	56.0	0.2	0.4%	
21.0%	55.7	55.9	0.2	0.4%	
22.2%	55.7	55.9	0.2	0.4%	
23.5%	55.6	55.7	0.1	0.2%	
24.7%	55.4	55.7	0.3	0.5%	
25.9%	55.0	55.0	0.0	0.0%	
27.2%	55.2	55.4	0.2	0.4%	
28.4%	55.1	55.3	0.2	0.4%	
29.6%	55.0	55.2	0.2	0.4%	
30.9%	55.0	55.2	0.2	0.4%	
32.1%	54.9	55.1	0.2	0.4%	
33.3%	54.9	55.1	0.2	0.4%	
34.5%	54.9	55.0	0.2	0.4%	
35.8%	54.8	55.0	0.2	0.4%	
37.0%	54.7	55.0	0.3	0.5%	
38.3%	54.6	54.9	0.3	0.5%	
39.5%	54.5	54.9	0.4	0.7%	
40.7%	54.5	54.8	0.3	0.6%	
42.0%	54.4	54.7	0.3	0.6%	
43.2%	54.3	54.6	0.3	0.6%	
44.4%	54.2	54.3	0.1	0.2%	
45.7%	54.2	54.3	0.1	0.2%	
46.9%	54.2	54.2	0.0	0.0%	
48.1%	54.2	54.2	0.0	0.0%	
49.4%	54.1	54.2	0.1	0.2%	
50.6%	54.1	54.1	0.0	0.0%	
51.9%	54.0	54.1	0.1	0.2%	
53.1%	54.0	54.1	0.1	0.2%	
54.3%	53.9	54.1	0.2	0.4%	
55.6%	53.9	54.0	0.1	0.2%	
56.8%	53.9	53.9	0.0	0.0%	
58.0%	53.8	53.9	0.1	0.2%	
59.3%	53.7	53.9	0.2	0.4%	
60.5%	53.7	53.9	0.2	0.4%	
61.7%	53.7	53.8	0.1	0.2%	
63.0%	53.7	53.6	-0.1	-0.2%	
64.2%	53.5	53.5	0.0	0.0%	
65.4%	53.4	53.4	0.0	0.0%	
66.7%	53.4	53.4	0.0	0.0%	
67.9%	53.2	53.4	0.2	0.4%	
69.1%	53.0	53.2	0.2	0.4%	
70.4%	52.9	53.2	0.3	0.6%	
71.6%	52.9	53.0	0.1	0.2%	
72.8%	52.7	53.0	0.3	0.6%	
74.1%	52.7	52.8	0.1	0.2%	
75.3%	52.5	52.8	0.3	0.6%	
76.5%	52.4	52.7	0.3	0.6%	
77.8%	52.3	52.4	0.1	0.2%	
79.0%	52.1	52.3	0.2	0.4%	
80.2%	52.1	52.1	0.0	0.0%	
81.5%	52.0	52.1	0.1	0.2%	
82.7%	52.0	52.0	0.0	0.0%	
84.0%	51.9	52.0	0.1	0.2%	
85.2%	51.9	51.9	0.0	0.0%	
86.4%	51.9	51.9	0.0	0.0%	
87.7%	51.8	51.9	0.1	0.2%	
88.9%	51.7	51.9	0.2	0.4%	
90.1%	51.6	51.9	0.3	0.6%	
91.4%	51.5	51.6	0.1	0.2%	
92.6%	51.4	51.6	0.2	0.4%	
93.8%	51.4	51.3	-0.1	-0.2%	
95.1%	51.3	51.3	0.0	0.0%	
96.3%	51.2	51.2	0.0	0.0%	
97.5%	51.2	51.1	-0.1	-0.2%	
98.8%	51.0	51.0	0.0	0.0%	
100.0%	51.0	51.0	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.3	65.5	0.2	0.3%	
1.2%	64.9	65.3	0.4	0.6%	
2.5%	64.7	65.2	0.5	0.8%	
3.7%	64.6	64.6	0.0	0.0%	
4.9%	64.5	64.4	-0.1	-0.2%	
6.2%	64.1	64.4	0.3	0.5%	
7.4%	63.9	64.3	0.4	0.6%	
8.6%	63.9	64.0	0.1	0.2%	
9.9%	63.9	63.9	0.0	0.0%	
11.1%	63.4	63.4	0.0	0.0%	
12.3%	63.2	63.2	0.0	0.0%	
13.6%	63.1	63.1	0.0	0.0%	
14.8%	62.9	63.1	0.2	0.3%	
16.0%	62.9	63.1	0.2	0.3%	
17.3%	62.8	63.0	0.2	0.3%	
18.5%	62.8	62.8	0.0	0.0%	
19.8%	62.6	62.7	0.1	0.2%	
21.0%	62.5	62.5	0.0	0.0%	
22.2%	62.4	62.4	0.0	0.0%	
23.5%	62.3	62.4	0.1	0.2%	
24.7%	62.3	62.3	0.0	0.0%	
25.9%	62.2	62.2	0.0	0.0%	
27.2%	62.2	62.3	0.1	0.2%	
28.4%	62.2	62.1	-0.1	-0.2%	
29.6%	62.0	61.9	-0.1	-0.2%	
30.9%	61.8	61.9	0.1	0.2%	
32.1%	61.8	61.9	0.1	0.2%	
33.3%	61.6	61.7	0.1	0.2%	
34.5%	61.6	61.6	0.0	0.0%	
35.8%	61.4	61.5	0.1	0.2%	
37.0%	61.4	61.4	0.0	0.0%	
38.3%	61.3	61.4	0.1	0.2%	
39.5%	61.2	61.3	0.1	0.2%	
40.7%	61.2	61.3	0.1	0.2%	
42.0%	61.2	61.2	0.0	0.0%	
43.2%	61.1	61.2	0.1	0.2%	
44.4%	60.9	61.2	0.3	0.5%	
45.7%	60.9	61.0	0.1	0.2%	
46.9%	60.9	61.0	0.1	0.2%	
48.1%	60.6	60.8	0.2	0.3%	
49.4%	60.6	60.7	0.1	0.2%	
50.6%	60.5	60.6	0.1	0.2%	
51.9%	60.5	60.6	0.1	0.2%	
53.1%	60.4	60.5	0.1	0.2%	
54.3%	60.4	60.5	0.1	0.2%	
55.6%	60.4	60.4	0.0	0.0%	
56.8%	60.3	60.4	0.1	0.2%	
58.0%	60.1	60.3	0.2	0.3%	
59.3%	60.1	60.2	0.1	0.2%	
60.5%	60.0	60.2	0.2	0.3%	
61.7%	59.9	60.1	0.2	0.3%	
63.0%	59.8	60.1	0.3	0.5%	
64.2%	59.6	59.6	0.0	0.0%	
65.4%	59.6	59.6	0.0	0.0%	
66.7%	59.4	59.5	0.1	0.2%	
67.9%	59.3	59.3	0.0	0.0%	
69.1%	59.3	59.2	-0.1	-0.2%	
70.4%	59.2	59.2	0.0	0.0%	
71.6%	59.0	59.1	0.1	0.2%	
72.8%	58.9	58.9	0.0	0.0%	
74.1%	58.8	58.8	0.0	0.0%	
75.3%	58.6	58.6	0.0	0.0%	
76.5%	58.5	58.5	0.0	0.0%	
77.8%	58.4	58.4	0.0	0.0%	
79.0%	58.0	58.2	0.2	0.3%	
80.2%	57.8				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	73.5	73.9	0.4	0.5%	
1.2%	73.4	73.4	0.0	0.0%	
2.5%	73.3	73.4	0.1	0.1%	
3.7%	73.2	73.0	0.0	0.0%	
4.9%	73.1	73.1	0.0	0.0%	
6.2%	73.0	73.0	0.0	0.0%	
7.4%	72.8	72.9	0.1	0.1%	
8.6%	72.7	72.6	-0.1	-0.1%	
9.9%	72.5	72.5	0.0	0.0%	
11.1%	72.4	72.2	-0.2	-0.3%	
12.3%	72.3	72.2	-0.1	-0.1%	
13.6%	72.1	72.1	0.0	0.0%	
14.8%	72.1	72.0	-0.1	-0.1%	
16.0%	71.8	72.0	0.2	0.3%	
17.3%	71.8	71.7	-0.1	-0.1%	
18.5%	71.6	71.7	0.1	0.1%	
19.8%	71.5	71.5	0.0	0.0%	
21.0%	71.5	71.3	-0.2	-0.3%	
22.2%	71.3	71.1	-0.2	-0.3%	
23.5%	71.2	71.1	-0.1	-0.1%	
24.7%	71.2	71.1	-0.1	-0.1%	
25.9%	71.1	71.1	0.0	0.0%	
27.2%	71.1	71.0	-0.1	-0.1%	
28.4%	71.0	71.0	0.0	0.0%	
29.6%	71.0	70.8	-0.2	-0.3%	
30.9%	71.0	70.8	-0.2	-0.3%	
32.1%	71.0	70.8	-0.2	-0.3%	
33.3%	70.8	70.8	0.0	0.0%	
34.5%	70.8	70.7	-0.1	-0.1%	
35.8%	70.8	70.7	-0.1	-0.1%	
37.0%	70.7	70.6	-0.1	-0.1%	
38.3%	70.7	70.6	-0.1	-0.1%	
39.5%	70.7	70.5	-0.2	-0.3%	
40.7%	70.7	70.5	-0.2	-0.3%	
42.0%	70.7	70.5	-0.2	-0.3%	
43.2%	70.7	70.5	-0.2	-0.3%	
44.4%	70.6	70.4	-0.2	-0.3%	
45.7%	70.6	70.4	-0.2	-0.3%	
46.9%	70.4	70.3	-0.1	-0.1%	
48.1%	70.4	70.3	-0.1	-0.1%	
49.4%	70.3	70.3	0.0	0.0%	
50.6%	70.2	70.3	0.1	0.1%	
51.9%	70.2	70.2	0.0	0.0%	
53.1%	70.1	70.1	0.0	0.0%	
54.3%	70.1	70.1	0.0	0.0%	
55.6%	70.1	70.1	0.0	0.0%	
56.8%	70.1	70.1	0.0	0.0%	
58.0%	70.1	70.0	-0.1	-0.1%	
59.3%	70.0	70.0	0.0	0.0%	
60.5%	69.9	69.9	0.0	0.0%	
61.7%	69.9	69.9	0.0	0.0%	
63.0%	69.8	69.8	0.0	0.0%	
64.2%	69.8	69.8	0.0	0.0%	
65.4%	69.8	69.8	0.0	0.0%	
66.7%	69.6	69.7	0.1	0.1%	
67.9%	69.5	69.5	0.0	0.0%	
69.1%	69.4	69.5	0.1	0.1%	
70.4%	69.4	69.2	-0.2	-0.3%	
71.6%	69.3	69.1	-0.2	-0.3%	
72.8%	69.2	69.0	-0.2	-0.3%	
74.1%	69.2	68.9	-0.3	-0.4%	
75.3%	69.2	68.9	-0.3	-0.4%	
76.5%	69.0	68.9	-0.1	-0.1%	
77.8%	69.0	68.9	-0.1	-0.1%	
79.0%	69.0	68.9	-0.1	-0.1%	
80.2%	69.0	68.8	-0.2	-0.3%	
81.5%	68.9	68.6	-0.3	-0.4%	
82.7%	68.8	68.6	-0.2	-0.3%	
84.0%	68.8	68.6	-0.2	-0.3%	
85.2%	68.6	68.2	-0.4	-0.6%	
86.4%	68.6	68.0	-0.6	-0.9%	
87.7%	68.0	68.0	0.0	0.0%	
88.9%	67.8	67.8	0.0	0.0%	
90.1%	67.7	67.6	-0.1	-0.1%	
91.4%	67.3	67.6	0.3	0.4%	
92.6%	67.3	67.1	-0.2	-0.3%	
93.8%	67.2	67.1	-0.1	-0.1%	
95.1%	66.9	66.7	-0.2	-0.3%	
96.3%	66.2	66.3	0.1	0.2%	
97.5%	66.3	66.0	-0.3	-0.5%	
98.8%	66.3	65.8	-0.5	-0.8%	
100.0%	66.3	65.8	-0.5	-0.8%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	76.9	76.3	-0.6	-0.8%	
1.2%	76.0	76.0	0.0	0.0%	
2.5%	75.3	75.0	-0.3	-0.4%	
3.7%	74.7	74.2	-0.5	-0.7%	
4.9%	74.7	74.5	-0.2	-0.3%	
6.2%	74.7	74.0	-0.7	-0.9%	
7.4%	74.5	73.9	-0.6	-0.8%	
8.6%	73.9	73.8	-0.1	-0.1%	
9.9%	73.8	73.7	-0.1	-0.1%	
11.1%	73.8	73.6	-0.2	-0.3%	
12.3%	73.8	73.3	-0.5	-0.7%	
13.6%	73.8	73.3	-0.5	-0.7%	
14.8%	73.7	73.3	-0.4	-0.5%	
16.0%	73.6	73.1	-0.5	-0.7%	
17.3%	73.5	73.0	-0.5	-0.7%	
18.5%	73.5	73.0	-0.5	-0.7%	
19.8%	73.5	73.0	-0.5	-0.7%	
21.0%	73.4	72.9	-0.5	-0.7%	
22.2%	73.4	72.9	-0.5	-0.7%	
23.5%	73.3	72.6	-0.7	-1.0%	
24.7%	73.1	72.6	-0.5	-0.7%	
25.9%	73.1	72.5	-0.6	-0.8%	
27.2%	73.1	72.5	-0.6	-0.8%	
28.4%	72.9	72.5	-0.4	-0.5%	
29.6%	72.9	72.4	-0.5	-0.7%	
30.9%	72.9	72.3	-0.6	-0.8%	
32.1%	72.9	72.3	-0.6	-0.8%	
33.3%	72.8	72.3	-0.5	-0.7%	
34.5%	72.8	72.3	-0.5	-0.7%	
35.8%	72.6	72.3	-0.3	-0.4%	
37.0%	72.6	72.2	-0.4	-0.6%	
38.3%	72.5	72.2	-0.3	-0.4%	
39.5%	72.5	71.9	-0.6	-0.8%	
40.7%	72.5	71.8	-0.6	-0.8%	
42.0%	72.4	71.9	-0.5	-0.7%	
43.2%	72.4	71.8	-0.6	-0.8%	
44.4%	72.3	71.7	-0.6	-0.8%	
45.7%	72.3	71.7	-0.6	-0.8%	
46.9%	72.1	71.7	-0.4	-0.6%	
48.1%	72.1	71.7	-0.4	-0.6%	
49.4%	72.1	71.6	-0.5	-0.7%	
50.6%	72.0	71.6	-0.4	-0.6%	
51.9%	72.0	71.5	-0.5	-0.7%	
53.1%	72.0	71.5	-0.5	-0.7%	
54.3%	71.8	71.5	-0.3	-0.4%	
55.6%	71.8	71.5	-0.3	-0.4%	
56.8%	71.8	71.4	-0.4	-0.6%	
58.0%	71.7	71.3	-0.4	-0.6%	
59.3%	71.7	71.3	-0.4	-0.6%	
60.5%	71.6	71.3	-0.3	-0.4%	
61.7%	71.6	71.1	-0.5	-0.7%	
63.0%	71.6	70.9	-0.7	-1.0%	
64.2%	71.6	70.8	-0.8	-1.1%	
65.4%	71.5	70.8	-0.7	-1.0%	
66.7%	71.5	70.7	-0.8	-1.1%	
67.9%	71.4	70.7	-0.7	-1.0%	
69.1%	71.4	70.7	-0.7	-1.0%	
70.4%	71.3	70.6	-0.7	-1.0%	
71.6%	71.2	70.6	-0.6	-0.8%	
72.8%	71.2	70.6	-0.6	-0.8%	
74.1%	71.1	70.6	-0.5	-0.7%	
75.3%	71.1	70.6	-0.5	-0.7%	
76.5%	71.1	70.6	-0.5	-0.7%	
77.8%	71.0	70.5	-0.5	-0.7%	
79.0%	70.9	70.3	-0.6	-0.8%	
80.2%	70.8	70.2	-0.6	-0.8%	
81.5%	70.8	70.1	-0.7	-1.0%	
82.7%	70.6	70.1	-0.5	-0.7%	
84.0%	70.6	70.1	-0.5	-0.7%	
85.2%	70.5	70.0	-0.5	-0.7%	
86.4%	70.4	69.8	-0.6	-0.9%	
87.7%	70.2	69.3	-0.9	-1.3%	
88.9%	69.9	69.3	-0.6	-0.9%	
90.1%	69.9	69.3	-0.6	-0.9%	
91.4%	69.9	69.3	-0.6	-0.9%	
92.6%	69.8	69.2	-0.6	-0.9%	
93.8%	69.7	69.0	-0.7	-1.0%	
95.1%	69.7	68.9	-0.8	-1.1%	
96.3%	69.0	68.0	-1.0	-1.5%	
97.5%	68.9	67.8	-1.1	-1.6%	
98.8%	68.0	67.3	-0.7	-1.0%	
100.0%	68.0	67.3	-0.7	-1.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	75.4	74.8	-0.6	-0.8%	
1.2%	75.4	74.5	-0.9	-1.2%	
2.5%	75.3	74.5	-0.8	-1.1%	
3.7%	74.7	74.2	-0.5	-0.7%	
4.9%	74.1	74.2	0.1	0.1%	
6.2%	74.0	74.1	0.1	0.1%	
7.4%	74.0	73.8	-0.2	-0.3%	
8.6%	73.8	73.8	0.0	0.0%	
9.9%	73.8	73.5	-0.3	-0.4%	
11.1%	73.8	73.5	-0.3	-0.4%	
12.3%	73.7	73.3	-0.4	-0.5%	
13.6%	73.4	73.0	-0.4	-0.5%	
14.8%	73.4	73.0	-0.4	-0.5%	
16.0%	73.4	72.9	-0.5	-0.7%	
17.3%	73.3	72.9	-0.4	-0.5%	
18.5%	73.2	72.8	-0.4	-0.5%	
19.8%	73.0	72.7	-0.3	-0.4%	
21.0%	73.0	72.6	-0.4	-0.5%	
22.2%	72.9	72.3	-0.6	-0.8%	
23.5%	72.7	72.3	-0.4	-0.6%	
24.7%	72.7	72.3	-0.4	-0.6%	
25.9%	72.6	72.2	-0.4	-0.6%	
27.2%	72.6	72.2	-0.4	-0.6%	
28.4%	72.6	72.2	-0.4	-0.6%	
29.6%	72.5	72.1	-0.4	-0.6%	
30.9%	72.4	72.1	-0.3	-0.4%	
32.1%	72.3	72.0	-0.3	-0.4%	
33.3%	72.2	72.0	-0.2	-0.3%	
34.5%	72.1	71.7	-0.4	-0.6%	
35.8%	72.1	71.7	-0.4	-0.6%	
37.0%	72.0	71.4	-0.6	-0.8%	
38.3%	71.8	71.4	-0.4	-0.6%	
39.5%	71.8	71.4	-0.4	-0.6%	
40.7%	71.7	71.4	-0.3	-0.4%	
42.0%	71.6	71.4	-0.2	-0.3%	
43.2%	71.6	71.3	-0.3	-0.4%	
44.4%	71.6	71.3	-0.3	-0.4%	
45.7%	71.5	71.1	-0.4	-0.6%	
46.9%	71.4	71.1	-0.3	-0.4%	
48.1%	71.3	71.0	-0.3	-0.4%	
49.4%	71.3	71.0	-0.3	-0.4%	
50.6%	71.3	71.0	-0.3	-0.4%	
51.9%	71.3	71.0	-0.3	-0.4%	
53.1%	71.3	70.9	-0.4	-0.6%	
54.3%	71.2	70.8	-0.4	-0.6%	
55.6%	71.1	70.7	-0.4	-0.6%	
56.8%	71.0	70.7	-0.3	-0.4%	
58.0%	71.0	70.7	-0.3	-0.4%	
59.3%	70.9	70.6	-0.3	-0.4%	
60.5%	70.8	70.6	-0.2	-0.3%	
61.7%	70.8	70.6	-0.2	-0.3%	
63.0%	70.7	70.6	-0.1	-0.1%	
64.2%	70.7	70.6	-0.1	-0.1%	
65.4%	70.7	70.5	-0.2	-0.3%	
66.7%	70.6	70.5	-0.1	-0.1%	
67.9%	70.5	70.5	0.0	0.0%	
69.1%	70.5	70.3	-0.2	-0.3%	
70.4%	70.5	70.2	-0.3	-0.4%	
71.6%	70.4	70.2	-0.2	-0.3%	
72.8%	70.3	70.2	-0.1	-0.1%	
74.1%	70.3	70.2	-0.1	-0.1%	
75.3%	70.2	70.0	-0.2	-0.3%	
76.5%	70.2	69.9	-0.3	-0.4%	
77.8%	70.1	69.9	-0.2	-0.3%	
79.0%	70.1	69.8	-0.3	-0.4%	
80.2%	70.1				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1
Alternative C	61.1	53.2	45.9	45.0	49.7	54.7	60.8	66.2	70.4	72.1	71.8	67.8
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	-0.3	-0.3	-0.3
Percent Difference ²	-0.2%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.0%	-0.4%	-0.4%	-0.4%
Water Year Types²												
Wet (32%)												
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2
Alternative C	60.5	53.8	46.5	45.9	49.5	53.4	58.6	64.4	68.9	72.3	72.0	66.0
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2
Percent Difference	-0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.3%	0.0%	-0.3%
Above Normal (15%)												
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1
Alternative C	60.3	52.0	45.7	45.2	49.6	54.2	60.6	66.4	70.7	71.0	71.0	67.0
Difference	-0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.5	0.0	0.0
Percent Difference	-0.4%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%	-0.7%	0.0%	-0.1%
Below Normal (17%)												
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4
Alternative C	60.7	53.1	45.9	44.3	49.0	54.8	61.2	66.2	70.8	71.8	72.0	69.0
Difference	-0.2	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	-0.3	-0.1	-0.4
Percent Difference	-0.3%	0.0%	0.1%	0.1%	0.1%	0.3%	0.0%	0.0%	0.1%	-0.4%	-0.2%	-0.6%
Dry (22%)												
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1
Alternative C	61.3	53.2	45.9	44.2	49.7	55.5	62.2	67.4	71.7	71.8	71.2	68.6
Difference	-0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.1	0.0	-0.3	-0.5	-0.5
Percent Difference	-0.2%	-0.1%	0.1%	0.0%	0.1%	0.4%	0.3%	0.1%	0.0%	-0.5%	-0.6%	-0.7%
Critical (15%)												
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0
Alternative C	63.0	53.0	44.8	44.8	51.1	56.2	62.9	67.8	70.9	73.6	72.5	69.7
Difference	-0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	-0.3	-0.9	-0.2
Percent Difference	-0.1%	0.0%	0.1%	0.2%	0.2%	0.3%	0.0%	0.1%	-0.1%	-0.3%	-1.2%	-0.3%

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

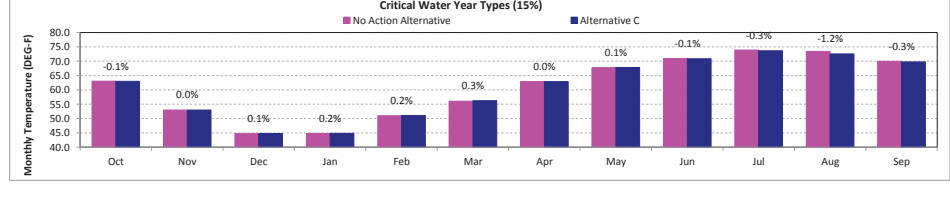
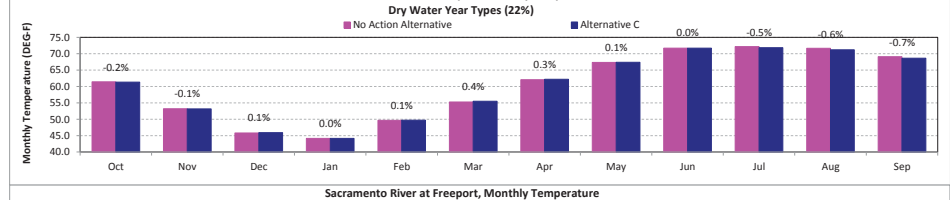
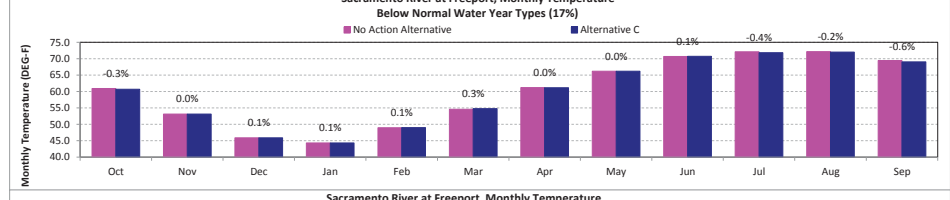
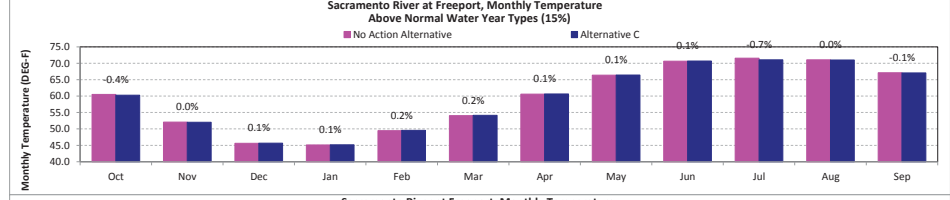
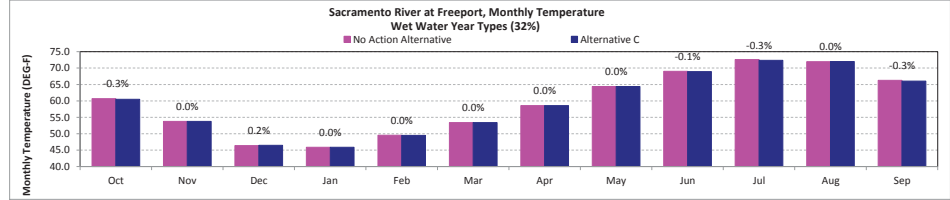
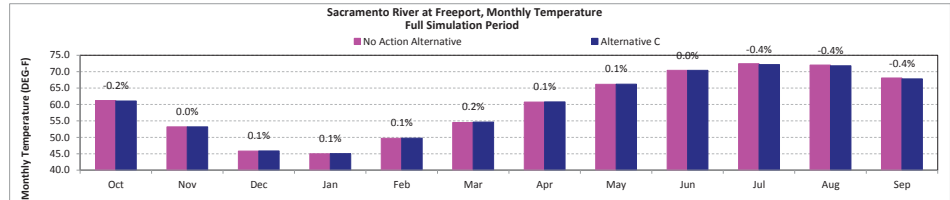


Figure SQ-14-7b
 Sacramento River at Freeport, Monthly Temperature
 Probability of Exceedance

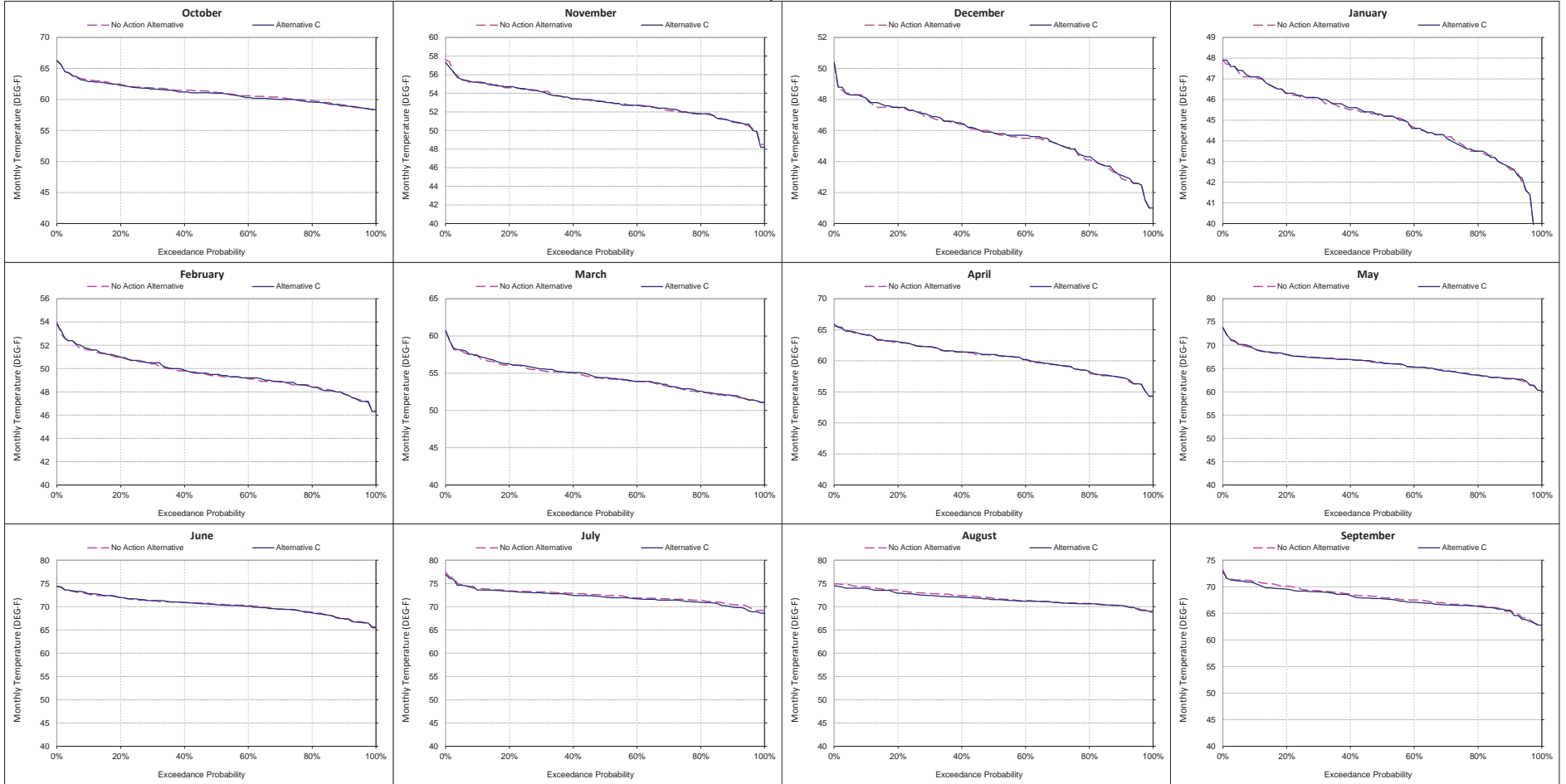


Table SQ-14-7b
Sacramento River at Freeport, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.3	66.2	-0.1	-0.2%	
1.2%	65.7	66.6	0.9	1.4%	
2.5%	64.5	64.5	0.0	0.0%	
3.7%	64.3	64.0	-0.3	-0.5%	
4.9%	63.9	63.8	-0.1	-0.2%	
6.2%	63.5	63.7	0.2	0.3%	
7.4%	63.4	63.2	-0.2	-0.3%	
8.6%	63.3	63.1	-0.2	-0.3%	
9.9%	63.1	62.9	-0.2	-0.3%	
11.1%	63.7	62.9	-0.8	-1.2%	
12.3%	63.0	62.8	-0.2	-0.3%	
13.6%	63.0	62.8	-0.2	-0.3%	
14.8%	62.9	62.7	-0.2	-0.3%	
16.0%	62.8	62.6	-0.2	-0.3%	
17.3%	62.5	62.5	0.0	0.0%	
18.5%	62.5	62.5	0.0	0.0%	
19.8%	62.5	62.3	-0.2	-0.3%	
21.0%	62.2	62.3	0.1	0.2%	
22.2%	62.1	62.1	0.0	0.0%	
23.5%	62.1	62.0	-0.1	-0.2%	
24.7%	62.0	61.9	-0.1	-0.2%	
25.9%	61.9	61.9	0.0	0.0%	
27.2%	61.9	61.8	-0.1	-0.2%	
28.4%	61.9	61.8	-0.1	-0.2%	
29.6%	61.9	61.7	-0.2	-0.3%	
30.9%	61.8	61.7	-0.1	-0.2%	
32.1%	61.8	61.6	-0.2	-0.3%	
33.3%	61.8	61.6	-0.2	-0.3%	
34.5%	61.7	61.5	-0.2	-0.3%	
35.8%	61.6	61.5	-0.1	-0.2%	
37.0%	61.5	61.4	-0.1	-0.2%	
38.3%	61.5	61.2	-0.3	-0.5%	
39.5%	61.5	61.2	-0.3	-0.5%	
40.7%	61.5	61.2	-0.3	-0.5%	
42.0%	61.4	61.1	-0.4	-0.7%	
43.2%	61.4	61.1	-0.3	-0.5%	
44.4%	61.4	61.1	-0.3	-0.5%	
45.7%	61.4	61.1	-0.3	-0.5%	
46.9%	61.4	61.1	-0.3	-0.5%	
48.1%	61.2	61.1	-0.1	-0.2%	
49.4%	61.2	61.0	-0.2	-0.3%	
50.6%	61.1	61.0	-0.1	-0.2%	
51.9%	61.1	61.0	-0.1	-0.2%	
53.1%	60.9	60.9	0.0	0.0%	
54.3%	60.9	60.8	-0.1	-0.2%	
55.6%	60.8	60.7	-0.1	-0.2%	
56.8%	60.7	60.6	-0.1	-0.2%	
58.0%	60.6	60.5	-0.1	-0.2%	
59.3%	60.6	60.3	-0.3	-0.5%	
60.5%	60.6	60.3	-0.3	-0.5%	
61.7%	60.5	60.2	-0.3	-0.5%	
63.0%	60.5	60.2	-0.3	-0.5%	
64.2%	60.5	60.2	-0.3	-0.5%	
65.4%	60.5	60.2	-0.3	-0.5%	
66.7%	60.4	60.1	-0.3	-0.5%	
67.9%	60.4	60.1	-0.3	-0.5%	
69.1%	60.4	60.0	-0.4	-0.7%	
70.4%	60.3	60.0	-0.3	-0.5%	
71.6%	60.2	60.0	-0.2	-0.3%	
72.8%	60.1	60.0	-0.1	-0.2%	
74.1%	60.1	60.0	-0.1	-0.2%	
75.3%	60.0	59.9	-0.1	-0.2%	
76.5%	60.0	59.8	-0.2	-0.3%	
77.8%	59.9	59.7	-0.2	-0.3%	
79.0%	59.9	59.6	-0.3	-0.5%	
80.2%	59.8	59.6	-0.2	-0.3%	
81.5%	59.7	59.6	-0.1	-0.2%	
82.7%	59.7	59.5	-0.2	-0.3%	
84.0%	59.5	59.4	-0.1	-0.2%	
85.2%	59.5	59.3	-0.2	-0.3%	
86.4%	59.3	59.2	-0.1	-0.2%	
87.7%	59.3	59.2	-0.1	-0.2%	
88.9%	59.2	59.0	-0.2	-0.3%	
90.1%	59.1	59.0	-0.1	-0.2%	
91.4%	59.0	58.9	-0.1	-0.2%	
92.6%	58.8	58.9	0.1	0.2%	
93.8%	58.7	58.8	0.1	0.2%	
95.1%	58.7	58.7	0.0	0.0%	
96.3%	58.6	58.6	0.0	0.0%	
97.5%	58.5	58.5	0.0	0.0%	
98.8%	58.4	58.4	0.0	0.0%	
100.0%	58.4	58.4	0.0	0.0%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	57.6	57.3	-0.3	-0.5%	
1.2%	57.4	56.8	-0.6	-1.0%	
2.5%	56.2	56.3	0.1	0.2%	
3.7%	55.9	55.9	0.0	0.0%	
4.9%	55.4	55.5	0.1	0.2%	
6.2%	55.4	55.4	0.0	0.0%	
7.4%	55.2	55.3	0.1	0.2%	
8.6%	55.2	55.2	0.0	0.0%	
9.9%	55.2	55.2	0.0	0.0%	
11.1%	55.1	55.2	0.1	0.2%	
12.3%	55.1	55.1	0.0	0.0%	
13.6%	55.1	54.9	-0.2	-0.4%	
14.8%	54.9	54.9	0.0	0.0%	
16.0%	54.9	54.8	-0.1	-0.2%	
17.3%	54.8	54.8	0.0	0.0%	
18.5%	54.6	54.7	0.1	0.2%	
19.8%	54.6	54.7	0.1	0.2%	
21.0%	54.6	54.7	0.1	0.2%	
22.2%	54.6	54.6	0.0	0.0%	
23.5%	54.5	54.5	0.0	0.0%	
24.7%	54.4	54.5	0.1	0.2%	
25.9%	54.4	54.4	0.0	0.0%	
27.2%	54.4	54.3	-0.1	-0.2%	
28.4%	54.3	54.3	0.0	0.0%	
29.6%	54.3	54.2	-0.1	-0.2%	
30.9%	54.2	54.1	-0.1	-0.2%	
32.1%	54.2	53.9	-0.3	-0.6%	
33.3%	53.8	53.8	0.0	0.0%	
34.5%	53.8	53.7	-0.1	-0.2%	
35.8%	53.7	53.7	0.0	0.0%	
37.0%	53.6	53.6	0.0	0.0%	
38.3%	53.6	53.6	0.0	0.0%	
39.5%	53.4	53.4	0.0	0.0%	
40.7%	53.4	53.4	0.0	0.0%	
42.0%	53.3	53.4	0.1	0.2%	
43.2%	53.3	53.3	0.0	0.0%	
44.4%	53.3	53.3	0.0	0.0%	
45.7%	53.2	53.3	0.1	0.2%	
46.9%	53.2	53.2	0.0	0.0%	
48.1%	53.2	53.1	-0.1	-0.2%	
49.4%	53.1	53.1	0.0	0.0%	
50.6%	53.0	53.0	0.0	0.0%	
51.9%	53.0	53.0	0.0	0.0%	
53.1%	52.9	52.9	0.0	0.0%	
54.3%	52.9	52.9	0.0	0.0%	
55.6%	52.9	52.7	-0.2	-0.4%	
56.8%	52.8	52.7	-0.1	-0.2%	
58.0%	52.7	52.7	0.0	0.0%	
59.3%	52.7	52.7	0.0	0.0%	
60.5%	52.7	52.7	0.0	0.0%	
61.7%	52.7	52.6	-0.1	-0.2%	
63.0%	52.6	52.6	0.0	0.0%	
64.2%	52.5	52.6	0.1	0.2%	
65.4%	52.5	52.5	0.0	0.0%	
66.7%	52.4	52.4	0.0	0.0%	
67.9%	52.3	52.4	0.1	0.2%	
69.1%	52.2	52.4	0.2	0.4%	
70.4%	52.1	52.3	0.2	0.4%	
71.6%	52.1	52.3	0.2	0.4%	
72.8%	52.0	52.2	0.2	0.4%	
74.1%	52.0	52.0	0.0	0.0%	
75.3%	52.0	52.0	0.0	0.0%	
76.5%	51.8	51.9	0.1	0.2%	
77.8%	51.8	51.9	0.1	0.2%	
79.0%	51.8	51.8	0.0	0.0%	
80.2%	51.8	51.8	0.0	0.0%	
81.5%	51.8	51.8	0.0	0.0%	
82.7%	51.7	51.8	0.1	0.2%	
84.0%	51.6	51.6	0.0	0.0%	
85.2%	51.3	51.3	0.0	0.0%	
86.4%	51.2	51.3	0.1	0.2%	
87.7%	51.2	51.2	0.0	0.0%	
88.9%	51.1	51.1	0.0	0.0%	
90.1%	51.0	50.9	-0.1	-0.2%	
91.4%	50.8	50.9	0.1	0.2%	
92.6%	50.8	50.8	0.0	0.0%	
93.8%	50.6	50.7	0.1	0.2%	
95.1%	50.5	50.7	0.2	0.4%	
96.3%	50.6	50.6	0.0	0.0%	
97.5%	49.9	49.9	0.0	0.0%	
98.8%	48.5	48.2	-0.3	-0.6%	
100.0%	48.5	48.2	-0.3	-0.6%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.3	50.4	0.1	0.2%	
1.2%	48.8	48.8	0.0	0.0%	
2.5%	48.6	48.8	0.2	0.4%	
3.7%	48.6	48.4	-0.2	-0.4%	
4.9%	48.4	48.3	-0.1	-0.2%	
6.2%	48.3	48.3	0.0	0.0%	
7.4%	48.3	48.3	0.0	0.0%	
8.6%	48.3	48.2	-0.1	-0.2%	
9.9%	48.1	48.1	0.0	0.0%	
11.1%	47.9	47.8	-0.1	-0.2%	
12.3%	47.6	47.8	0.2	0.4%	
13.6%	47.5	47.8	0.3	0.6%	
14.8%	47.5	47.7	0.2	0.4%	
16.0%	47.5	47.6	0.1	0.2%	
17.3%	47.5	47.6	0.1	0.2%	
18.5%	47.5	47.5	0.0	0.0%	
19.8%	47.5	47.5	0.0	0.0%	
21.0%	47.4	47.5	0.1	0.2%	
22.2%	47.4	47.5	0.1	0.2%	
23.5%	47.3	47.3	0.0	0.0%	
24.7%	47.3	47.3	0.0	0.0%	
25.9%	47.2	47.2	0.0	0.0%	
27.2%	47.2	47.1	-0.1	-0.2%	
28.4%	46.9	47.1	0.2	0.4%	
29.6%	46.9	47.0	0.1	0.2%	
30.9%	46.8	46.9	0.1	0.2%	
32.1%	46.7	46.9	0.2	0.4%	
33.3%	46.7	46.8	0.1	0.2%	
34.5%	46.6	46.6	0.0	0.0%	
35.8%	46.6	46.6	0.0	0.0%	
37.0%	46.5	46.6	0.1	0.2%	
38.3%	46.5	46.5	0.0	0.0%	
39.5%	46.4	46.5	0.1	0.2%	
40.7%	46.4	46.4	0.0	0.0%	
42.0%	46.2	46.2	0.0	0.0%	
43.2%	46.1	46.2	0.1	0.2%	
44.4%	46.1	46.1	0.0	0.0%	
45.7%	46.0	46.0	0.0	0.0%	
46.9%	46.0	45.9	-0.1	-0.2%	
48.1%	46.0	45.9	-0.1	-0.2%	
49.4%	45.9	45.9	0.0	0.0%	
50.6%	45.8	45.8	0.0	0.0%	
51.9%	45.7	45.8	0.1	0.2%	
53.1%	45.7	45.8	0.1	0.2%	
54.3%	45.7	45.7	0.0	0.0%	
55.6%	45.6	45.7	0.1	0.2%	
56.8%	45.6	45.7	0.1	0.2%	
58.0%	45.5	45.7	0.2	0.4%	
59.3%	45.5	45.7	0.2	0.4%	
60.5%	45.5	45.7	0.2	0.4%	
61.7%	45.5	45.6	0.1	0.2%	
63.0%	45.5	45.6	0.1	0.2%	
64.2%	45.5	45.6	0.1	0.2%	
65.4%	45.4	45.5	0.1	0.2%	
66.7%	45.3	45.5	0.2	0.4%	
67.9%	45.3	45.3	0.0	0.0%	
69.1%	45.2	45.2	0.0	0.0%	
70.4%	45.1	45.1	0.0	0.0%	
71.6%	45.0	45.0	0.0	0.0%	
72.8%	44.9	44.9	0.0	0.0%	
74.1%	44.9	44.8	-0.1	-0.2%	
75.3%	44.9	44.8	-0.1	-0.2%	
76.5%	44.4	44.5	0.1	0.2%	
77.8%	44.3	44.4	0.1	0.2%	
79.0%	44.1	44.3	0.2	0.5%	
80.2%	44.1				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.0	53.8	-0.2	-0.4%	
1.2%	53.0	53.3	0.3	0.6%	
2.5%	52.6	52.6	0.0	0.0%	
3.7%	52.4	52.0	-0.4	-0.8%	
4.9%	52.4	52.4	0.0	0.0%	
6.2%	52.0	52.1	0.1	0.2%	
7.4%	51.7	52.0	0.3	0.6%	
8.6%	51.7	51.8	0.1	0.2%	
9.9%	51.6	51.7	0.1	0.2%	
11.1%	51.6	51.6	0.0	0.0%	
12.3%	51.4	51.6	0.2	0.4%	
13.6%	51.3	51.4	0.1	0.2%	
14.8%	51.3	51.3	0.0	0.0%	
16.0%	51.2	51.2	0.0	0.0%	
17.3%	51.1	51.2	0.1	0.2%	
18.5%	51.0	51.1	0.1	0.2%	
19.8%	51.0	51.0	0.0	0.0%	
21.0%	51.0	50.9	-0.1	-0.2%	
22.2%	50.8	50.8	0.0	0.0%	
23.5%	50.7	50.7	0.0	0.0%	
24.7%	50.7	50.7	0.0	0.0%	
25.0%	50.6	50.6	0.0	0.0%	
27.2%	50.6	50.6	0.0	0.0%	
28.4%	50.5	50.5	0.0	0.0%	
29.6%	50.4	50.5	0.1	0.2%	
30.9%	50.4	50.5	0.1	0.2%	
32.1%	50.2	50.5	0.3	0.6%	
33.3%	50.1	50.2	0.1	0.2%	
34.5%	50.0	50.1	0.1	0.2%	
35.8%	50.0	50.0	0.0	0.0%	
37.0%	49.9	50.0	0.1	0.2%	
38.3%	49.8	50.0	0.2	0.4%	
39.5%	49.8	49.9	0.1	0.2%	
40.7%	49.8	49.8	0.0	0.0%	
42.0%	49.7	49.7	0.0	0.0%	
43.2%	49.6	49.7	0.1	0.2%	
44.4%	49.6	49.6	0.0	0.0%	
45.7%	49.6	49.6	0.0	0.0%	
46.9%	49.5	49.6	0.1	0.2%	
48.1%	49.4	49.5	0.1	0.2%	
49.4%	49.4	49.5	0.1	0.2%	
50.6%	49.4	49.5	0.1	0.2%	
51.9%	49.3	49.4	0.1	0.2%	
53.1%	49.3	49.4	0.1	0.2%	
54.3%	49.3	49.3	0.0	0.0%	
55.6%	49.3	49.3	0.0	0.0%	
56.8%	49.3	49.3	0.0	0.0%	
58.0%	49.2	49.2	0.0	0.0%	
59.3%	49.2	49.2	0.0	0.0%	
60.5%	49.1	49.2	0.1	0.2%	
61.7%	49.1	49.2	0.1	0.2%	
63.0%	49.0	49.2	0.2	0.4%	
64.2%	48.9	49.1	0.2	0.4%	
65.4%	48.9	49.0	0.1	0.2%	
66.7%	48.9	49.0	0.1	0.2%	
67.9%	48.9	48.9	0.0	0.0%	
69.1%	48.9	48.9	0.0	0.0%	
70.4%	48.8	48.9	0.1	0.2%	
71.6%	48.8	48.8	0.0	0.0%	
72.8%	48.7	48.8	0.1	0.2%	
74.1%	48.6	48.8	0.2	0.4%	
75.3%	48.6	48.6	0.0	0.0%	
76.5%	48.6	48.6	0.0	0.0%	
77.8%	48.6	48.6	0.0	0.0%	
79.0%	48.6	48.5	-0.1	-0.2%	
80.2%	48.4	48.4	0.0	0.0%	
81.5%	48.4	48.4	0.0	0.0%	
82.7%	48.3	48.2	-0.1	-0.2%	
84.0%	48.2	48.1	-0.1	-0.2%	
85.2%	48.2	48.1	-0.1	-0.2%	
86.4%	48.1	48.1	0.0	0.0%	
87.7%	48.0	48.0	0.0	0.0%	
88.9%	48.0	48.0	0.0	0.0%	
90.1%	47.8	47.8	0.0	0.0%	
91.4%	47.7	47.7	0.0	0.0%	
92.6%	47.5	47.5	0.0	0.0%	
93.8%	47.4	47.4	0.0	0.0%	
95.1%	47.3	47.2	-0.1	-0.2%	
96.3%	47.2	47.2	0.0	0.0%	
97.5%	47.1	47.2	0.1	0.2%	
98.8%	46.4	46.3	-0.1	-0.2%	
100.0%	46.4	46.3	-0.1	-0.2%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.7	60.7	0.0	0.0%	
1.2%	59.5	59.4	-0.1	-0.2%	
2.5%	58.2	58.4	0.2	0.3%	
3.7%	58.0	58.2	0.2	0.3%	
4.9%	58.0	58.1	0.1	0.2%	
6.2%	57.7	58.0	0.3	0.5%	
7.4%	57.5	57.6	0.1	0.2%	
8.6%	57.4	57.5	0.1	0.2%	
9.9%	57.4	57.4	0.0	0.0%	
11.1%	57.4	57.2	-0.2	-0.4%	
12.3%	56.8	57.1	0.3	0.5%	
13.6%	56.6	56.9	0.3	0.5%	
14.8%	56.6	56.8	0.2	0.4%	
16.0%	56.3	56.6	0.3	0.5%	
17.3%	56.2	56.4	0.2	0.4%	
18.5%	56.1	56.3	0.2	0.4%	
19.8%	56.1	56.3	0.2	0.4%	
21.0%	56.1	56.1	0.0	0.0%	
22.2%	56.1	56.1	0.0	0.0%	
23.5%	56.0	56.1	0.1	0.2%	
24.7%	55.8	56.0	0.2	0.4%	
25.0%	55.8	55.9	0.1	0.2%	
27.2%	55.5	55.8	0.3	0.5%	
28.4%	55.5	55.7	0.2	0.4%	
29.6%	55.4	55.6	0.2	0.4%	
30.9%	55.3	55.6	0.3	0.5%	
32.1%	55.2	55.5	0.3	0.5%	
33.3%	55.2	55.5	0.3	0.5%	
34.5%	55.2	55.3	0.1	0.2%	
35.8%	55.2	55.2	0.0	0.0%	
37.0%	55.2	55.2	0.0	0.0%	
38.3%	55.1	55.1	0.0	0.0%	
39.5%	55.1	55.1	0.0	0.0%	
40.7%	55.0	55.1	0.1	0.2%	
42.0%	54.9	55.1	0.2	0.4%	
43.2%	54.7	55.0	0.3	0.5%	
44.4%	54.6	54.9	0.3	0.5%	
45.7%	54.5	54.7	0.2	0.4%	
46.9%	54.4	54.5	0.1	0.2%	
48.1%	54.4	54.4	0.0	0.0%	
49.4%	54.3	54.4	0.1	0.2%	
50.6%	54.3	54.4	0.1	0.2%	
51.9%	54.2	54.3	0.1	0.2%	
53.1%	54.2	54.3	0.1	0.2%	
54.3%	54.1	54.2	0.1	0.2%	
55.6%	54.1	54.2	0.1	0.2%	
56.8%	54.1	54.1	0.0	0.0%	
58.0%	53.9	54.0	0.1	0.2%	
59.3%	53.9	53.9	0.0	0.0%	
60.5%	53.9	53.9	0.0	0.0%	
61.7%	53.9	53.9	0.0	0.0%	
63.0%	53.8	53.9	0.1	0.2%	
64.2%	53.8	53.9	0.1	0.2%	
65.4%	53.7	53.7	0.0	0.0%	
66.7%	53.5	53.7	0.2	0.4%	
67.9%	53.4	53.5	0.1	0.2%	
69.1%	53.3	53.5	0.2	0.4%	
70.4%	53.2	53.2	0.0	0.0%	
71.6%	53.1	53.2	0.1	0.2%	
72.8%	53.0	53.1	0.1	0.2%	
74.1%	52.9	52.9	0.0	0.0%	
75.3%	52.7	52.9	0.2	0.4%	
76.5%	52.6	52.9	0.3	0.6%	
77.8%	52.6	52.8	0.2	0.4%	
79.0%	52.5	52.6	0.1	0.2%	
80.2%	52.4	52.6	0.2	0.4%	
81.5%	52.4	52.4	0.0	0.0%	
82.7%	52.3	52.4	0.1	0.2%	
84.0%	52.1	52.3	0.2	0.4%	
85.2%	52.1	52.2	0.1	0.2%	
86.4%	52.1	52.2	0.1	0.2%	
87.7%	52.0	52.1	0.1	0.2%	
88.9%	52.0	52.1	0.1	0.2%	
90.1%	52.0	52.0	0.0	0.0%	
91.4%	51.8	52.0	0.2	0.4%	
92.6%	51.6	51.7	0.1	0.2%	
93.8%	51.6	51.6	0.0	0.0%	
95.1%	51.4	51.4	0.0	0.0%	
96.3%	51.2	51.2	0.0	0.0%	
97.5%	51.3	51.3	0.0	0.0%	
98.8%	51.1	51.1	0.0	0.0%	
100.0%	51.1	51.1	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.6	65.9	0.3	0.5%	
1.2%	65.5	65.4	-0.1	-0.2%	
2.5%	65.4	65.2	-0.2	-0.3%	
3.7%	64.8	64.6	-0.2	-0.3%	
4.9%	64.8	64.8	0.0	0.0%	
6.2%	64.5	64.7	0.2	0.3%	
7.4%	64.4	64.5	0.1	0.2%	
8.6%	64.3	64.3	0.0	0.0%	
9.9%	64.2	64.2	0.0	0.0%	
11.1%	64.0	64.2	0.2	0.3%	
12.3%	63.8	63.9	0.1	0.2%	
13.6%	63.3	63.4	0.1	0.2%	
14.8%	63.3	63.4	0.1	0.2%	
16.0%	63.3	63.2	-0.1	-0.2%	
17.3%	63.2	63.2	0.0	0.0%	
18.5%	63.0	63.2	0.2	0.3%	
19.8%	63.0	63.1	0.1	0.2%	
21.0%	62.9	63.0	0.1	0.2%	
22.2%	62.9	62.9	0.0	0.0%	
23.5%	62.8	62.8	0.0	0.0%	
24.7%	62.6	62.6	0.0	0.0%	
25.0%	62.4	62.4	0.0	0.0%	
27.2%	62.4	62.3	-0.1	-0.2%	
28.4%	62.3	62.3	0.0	0.0%	
29.6%	62.3	62.3	0.0	0.0%	
30.9%	62.2	62.2	0.0	0.0%	
32.1%	62.0	62.1	0.1	0.2%	
33.3%	61.7	61.8	0.1	0.2%	
34.5%	61.6	61.6	0.0	0.0%	
35.8%	61.6	61.6	0.0	0.0%	
37.0%	61.5	61.6	0.1	0.2%	
38.3%	61.4	61.5	0.1	0.2%	
39.5%	61.4	61.5	0.1	0.2%	
40.7%	61.4	61.4	0.0	0.0%	
42.0%	61.3	61.4	0.1	0.2%	
43.2%	61.3	61.4	0.1	0.2%	
44.4%	61.0	61.3	0.3	0.5%	
45.7%	61.0	61.1	0.1	0.2%	
46.9%	61.0	61.0	0.0	0.0%	
48.1%	61.0	61.0	0.0	0.0%	
49.4%	60.9	61.0	0.1	0.2%	
50.6%	61.0	61.0	0.0	0.0%	
51.9%	60.8	60.8	0.0	0.0%	
53.1%	60.7	60.8	0.1	0.2%	
54.3%	60.7	60.7	0.0	0.0%	
55.6%	60.7	60.7	0.0	0.0%	
56.8%	60.6	60.6	0.0	0.0%	
58.0%	60.6	60.6	0.0	0.0%	
59.3%	60.2	60.2	0.0	0.0%	
60.5%	60.1	60.2	0.1	0.2%	
61.7%	59.8	60.0	0.2	0.3%	
63.0%	59.7	59.8	0.1	0.2%	
64.2%	59.7	59.8	0.1	0.2%	
65.4%	59.7	59.6	-0.1	-0.2%	
66.7%	59.6	59.6	0.0	0.0%	
67.9%	59.4	59.5	0.1	0.2%	
69.1%	59.4	59.4	0.0	0.0%	
70.4%	59.3	59.3	0.0	0.0%	
71.6%	59.2	59.2	0.0	0.0%	
72.8%	59.1	59.1	0.0	0.0%	
74.1%	59.1	59.1	0.0	0.0%	
75.3%	58.6	58.7	0.1	0.2%	
76.5%	58.6	58.6	0.0	0.0%	
77.8%	58.5	58.5	0.0	0.0%	
79.0%	58.5	58.5	0.0	0.0%	
80.2%	57.9				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	74.4	74.3	-0.1	-0.1%	
1.2%	74.3	74.2	-0.1	-0.1%	
2.5%	73.7	73.6	-0.1	-0.1%	
3.7%	73.5	73.6	0.1	0.1%	
4.9%	73.3	73.4	0.1	0.1%	
6.2%	73.1	73.3	0.2	0.3%	
7.4%	73.1	73.3	0.2	0.3%	
8.6%	72.9	73.1	0.2	0.3%	
9.9%	72.7	72.8	0.1	0.1%	
11.1%	72.5	72.8	0.3	0.4%	
12.3%	72.4	72.7	0.3	0.4%	
13.6%	72.4	72.6	0.2	0.3%	
14.8%	72.4	72.4	0.0	0.0%	
16.0%	72.4	72.4	0.0	0.0%	
17.3%	72.3	72.4	0.1	0.1%	
18.5%	72.1	72.2	0.1	0.1%	
19.8%	72.0	72.0	0.0	0.0%	
21.0%	71.9	71.9	0.0	0.0%	
22.2%	71.7	71.7	0.0	0.0%	
23.5%	71.6	71.7	0.1	0.1%	
24.7%	71.5	71.7	0.2	0.3%	
25.9%	71.4	71.8	0.4	0.5%	
27.2%	71.4	71.5	0.1	0.1%	
28.4%	71.4	71.3	-0.1	-0.1%	
29.6%	71.3	71.3	0.0	0.0%	
30.9%	71.3	71.3	0.0	0.0%	
32.1%	71.1	71.3	0.2	0.3%	
33.3%	71.1	71.3	0.2	0.3%	
34.5%	71.1	71.1	0.0	0.0%	
35.8%	71.0	71.0	0.0	0.0%	
37.0%	71.0	71.0	0.0	0.0%	
38.3%	71.0	71.0	0.0	0.0%	
39.5%	70.9	70.9	0.0	0.0%	
40.7%	70.9	70.9	0.0	0.0%	
42.0%	70.9	70.8	-0.1	-0.1%	
43.2%	70.8	70.8	0.0	0.0%	
44.4%	70.8	70.7	-0.1	-0.1%	
45.7%	70.8	70.6	-0.2	-0.3%	
46.9%	70.8	70.6	-0.2	-0.3%	
48.1%	70.7	70.5	-0.2	-0.3%	
49.4%	70.5	70.5	0.0	0.0%	
50.6%	70.5	70.4	-0.1	-0.1%	
51.9%	70.5	70.4	-0.1	-0.1%	
53.1%	70.4	70.3	-0.1	-0.1%	
54.3%	70.4	70.3	-0.1	-0.1%	
55.6%	70.4	70.3	-0.1	-0.1%	
56.8%	70.3	70.3	0.0	0.0%	
58.0%	70.3	70.2	-0.1	-0.1%	
59.3%	70.2	70.1	-0.1	-0.1%	
60.5%	70.2	70.1	-0.1	-0.1%	
61.7%	70.1	69.9	-0.2	-0.3%	
63.0%	70.1	69.9	-0.2	-0.3%	
64.2%	69.8	69.8	0.0	0.0%	
65.4%	69.8	69.8	0.0	0.0%	
66.7%	69.8	69.6	-0.2	-0.3%	
67.9%	69.6	69.6	0.0	0.0%	
69.1%	69.5	69.5	0.0	0.0%	
70.4%	69.5	69.5	0.0	0.0%	
71.6%	69.4	69.4	0.0	0.0%	
72.8%	69.4	69.4	0.0	0.0%	
74.1%	69.3	69.4	0.1	0.1%	
75.3%	69.3	69.2	-0.1	-0.1%	
76.5%	69.0	69.1	0.1	0.1%	
77.8%	69.0	68.8	-0.2	-0.3%	
79.0%	68.9	68.8	-0.1	-0.1%	
80.2%	68.8	68.7	-0.1	-0.1%	
81.5%	68.6	68.5	-0.1	-0.1%	
82.7%	68.6	68.4	-0.2	-0.3%	
84.0%	68.3	68.3	0.0	0.0%	
85.2%	68.3	68.2	-0.1	-0.1%	
86.4%	68.0	68.0	0.0	0.0%	
87.7%	67.7	67.6	-0.1	-0.1%	
88.9%	67.6	67.5	-0.1	-0.1%	
90.1%	67.4	67.4	0.0	0.0%	
91.4%	67.4	67.3	-0.1	-0.1%	
92.6%	66.9	66.8	-0.1	-0.1%	
93.8%	66.8	66.7	-0.1	-0.1%	
95.1%	66.8	66.6	-0.2	-0.3%	
96.3%	66.5	66.5	0.0	0.0%	
97.5%	66.6	66.5	-0.1	-0.2%	
98.8%	65.7	65.5	-0.2	-0.3%	
100.0%	65.7	65.5	-0.2	-0.3%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	77.4	76.9	-0.5	-0.6%	
1.2%	76.4	76.1	-0.3	-0.4%	
2.5%	76.3	75.8	-0.4	-0.5%	
3.7%	76.0	75.6	-0.4	-0.5%	
4.9%	74.7	74.6	-0.1	-0.1%	
6.2%	74.6	74.5	-0.1	-0.1%	
7.4%	74.3	74.3	0.0	0.0%	
8.6%	74.0	74.3	0.3	0.4%	
9.9%	73.9	73.6	-0.3	-0.4%	
11.1%	73.9	73.6	-0.3	-0.4%	
12.3%	73.8	73.6	-0.2	-0.3%	
13.6%	73.8	73.6	-0.2	-0.3%	
14.8%	73.7	73.5	-0.2	-0.3%	
16.0%	73.6	73.5	-0.1	-0.1%	
17.3%	73.6	73.4	-0.2	-0.3%	
18.5%	73.5	73.4	-0.1	-0.1%	
19.8%	73.4	73.3	-0.1	-0.1%	
21.0%	73.4	73.3	-0.1	-0.1%	
22.2%	73.3	73.2	-0.1	-0.1%	
23.5%	73.3	73.1	-0.2	-0.3%	
24.7%	73.3	73.1	-0.2	-0.3%	
25.9%	73.3	73.0	-0.3	-0.4%	
27.2%	73.3	73.0	-0.3	-0.4%	
28.4%	73.2	73.0	-0.2	-0.3%	
29.6%	73.2	73.0	-0.2	-0.3%	
30.9%	73.2	72.9	-0.3	-0.4%	
32.1%	73.1	72.9	-0.2	-0.3%	
33.3%	73.1	72.8	-0.3	-0.4%	
34.5%	73.0	72.8	-0.2	-0.3%	
35.8%	73.0	72.8	-0.2	-0.3%	
37.0%	73.0	72.8	-0.2	-0.3%	
38.3%	72.9	72.6	-0.3	-0.4%	
39.5%	72.9	72.5	-0.4	-0.5%	
40.7%	72.8	72.4	-0.4	-0.5%	
42.0%	72.9	72.4	-0.4	-0.5%	
43.2%	72.8	72.4	-0.4	-0.5%	
44.4%	72.6	72.4	-0.2	-0.3%	
45.7%	72.6	72.3	-0.3	-0.4%	
46.9%	72.6	72.3	-0.3	-0.4%	
48.1%	72.6	72.2	-0.4	-0.6%	
49.4%	72.5	72.1	-0.4	-0.6%	
50.6%	72.4	72.0	-0.4	-0.6%	
51.9%	72.4	71.9	-0.5	-0.7%	
53.1%	72.4	71.9	-0.5	-0.7%	
54.3%	72.4	71.9	-0.5	-0.7%	
55.6%	72.3	71.9	-0.4	-0.6%	
56.8%	72.1	71.9	-0.2	-0.3%	
58.0%	71.9	71.8	-0.1	-0.1%	
59.3%	71.9	71.7	-0.2	-0.3%	
60.5%	71.9	71.7	-0.2	-0.3%	
61.7%	71.8	71.6	-0.2	-0.3%	
63.0%	71.8	71.6	-0.2	-0.3%	
64.2%	71.8	71.6	-0.2	-0.3%	
65.4%	71.8	71.6	-0.2	-0.3%	
66.7%	71.8	71.4	-0.4	-0.6%	
67.9%	71.7	71.4	-0.3	-0.4%	
69.1%	71.7	71.4	-0.3	-0.4%	
70.4%	71.7	71.4	-0.3	-0.4%	
71.6%	71.6	71.4	-0.2	-0.3%	
72.8%	71.6	71.4	-0.2	-0.3%	
74.1%	71.6	71.3	-0.3	-0.4%	
75.3%	71.6	71.1	-0.5	-0.7%	
76.5%	71.5	71.1	-0.4	-0.6%	
77.8%	71.4	71.0	-0.4	-0.6%	
79.0%	71.4	71.0	-0.4	-0.6%	
80.2%	71.4	70.9	-0.5	-0.7%	
81.5%	71.2	70.9	-0.3	-0.4%	
82.7%	71.1	70.9	-0.2	-0.3%	
84.0%	71.1	70.8	-0.3	-0.4%	
85.2%	71.0	70.7	-0.3	-0.4%	
86.4%	70.9	70.3	-0.6	-0.8%	
87.7%	70.7	70.2	-0.5	-0.7%	
88.9%	70.6	70.1	-0.5	-0.7%	
90.1%	70.4	69.9	-0.5	-0.7%	
91.4%	70.4	69.8	-0.6	-0.9%	
92.6%	70.3	69.8	-0.5	-0.7%	
93.8%	70.3	69.6	-0.7	-1.0%	
95.1%	69.9	69.1	-0.8	-1.1%	
96.3%	69.8	69.2	-0.6	-0.9%	
97.5%	69.2	68.9	-0.3	-0.4%	
98.8%	69.2	68.6	-0.6	-0.9%	
100.0%	69.2	68.6	-0.6	-0.9%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	74.9	74.5	-0.4	-0.5%	
1.2%	74.9	74.4	-0.5	-0.7%	
2.5%	74.8	74.2	-0.6	-0.8%	
3.7%	74.8	74.0	-0.8	-1.1%	
4.9%	74.7	74.0	-0.7	-0.9%	
6.2%	74.4	74.0	-0.4	-0.5%	
7.4%	74.4	74.0	-0.4	-0.5%	
8.6%	74.3	74.0	-0.3	-0.4%	
9.9%	74.3	73.9	-0.4	-0.5%	
11.1%	74.2	73.8	-0.4	-0.5%	
12.3%	74.1	73.6	-0.5	-0.7%	
13.6%	73.9	73.5	-0.4	-0.5%	
14.8%	73.8	73.5	-0.3	-0.4%	
16.0%	73.7	73.5	-0.2	-0.3%	
17.3%	73.6	73.5	-0.1	-0.1%	
18.5%	73.6	73.2	-0.4	-0.5%	
19.8%	73.6	72.9	-0.7	-1.0%	
21.0%	73.3	72.9	-0.4	-0.5%	
22.2%	73.3	72.8	-0.5	-0.7%	
23.5%	73.1	72.8	-0.3	-0.4%	
24.7%	73.1	72.7	-0.4	-0.5%	
25.9%	73.0	72.7	-0.3	-0.5%	
27.2%	73.0	72.5	-0.5	-0.7%	
28.4%	72.9	72.5	-0.4	-0.5%	
29.6%	72.9	72.4	-0.5	-0.7%	
30.9%	72.8	72.4	-0.4	-0.5%	
32.1%	72.8	72.3	-0.5	-0.7%	
33.3%	72.7	72.2	-0.5	-0.7%	
34.5%	72.7	72.2	-0.5	-0.7%	
35.8%	72.7	72.1	-0.6	-0.8%	
37.0%	72.5	72.1	-0.4	-0.6%	
38.3%	72.5	72.1	-0.4	-0.6%	
39.5%	72.4	72.1	-0.3	-0.4%	
40.7%	72.4	72.0	-0.4	-0.6%	
42.0%	72.3	71.9	-0.4	-0.6%	
43.2%	72.3	71.9	-0.4	-0.6%	
44.4%	72.2	71.8	-0.4	-0.6%	
45.7%	72.1	71.8	-0.3	-0.4%	
46.9%	72.1	71.7	-0.4	-0.6%	
48.1%	72.0	71.7	-0.3	-0.4%	
49.4%	71.9	71.5	-0.4	-0.6%	
50.6%	71.7	71.5	-0.2	-0.3%	
51.9%	71.7	71.5	-0.2	-0.3%	
53.1%	71.6	71.4	-0.2	-0.3%	
54.3%	71.6	71.4	-0.2	-0.3%	
55.6%	71.6	71.3	-0.3	-0.4%	
56.8%	71.4	71.3	-0.1	-0.1%	
58.0%	71.3	71.2	-0.1	-0.1%	
59.3%	71.3	71.2	-0.1	-0.1%	
60.5%	71.3	71.2	-0.1	-0.1%	
61.7%	71.3	71.2	-0.1	-0.1%	
63.0%	71.2	71.2	0.0	0.0%	
64.2%	71.2	71.1	-0.1	-0.1%	
65.4%	71.1	71.1	0.0	0.0%	
66.7%	71.1	71.1	0.0	0.0%	
67.9%	71.1	71.0	-0.1	-0.1%	
69.1%	71.0	70.9	-0.1	-0.1%	
70.4%	70.9	70.9	0.0	0.0%	
71.6%	70.8	70.8	0.0	0.0%	
72.8%	70.8	70.8	0.0	0.0%	
74.1%	70.8	70.7	-0.1	-0.1%	
75.3%	70.8	70.7	-0.1	-0.1%	
76.5%	70.7	70.7	0.0	0.0%	
77.8%	70.7	70.6	-0.1	-0.1%	
79.0%	70.7	70.6	-0.1	-0.1%	
80.2%	70.				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4
Alternative C	54.1	52.5	48.8	47.6	48.4	49.9	51.4	55.6	57.6	61.0	60.5	55.3
Difference	0.1	-0.1	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1
Percent Difference	0.1%	-0.1%	-0.2%	-0.1%	-0.1%	-0.1%	0.0%	0.1%	-0.1%	0.0%	-0.1%	-0.2%
Water Year Types²												
Wet (32%)												
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4
Alternative C	53.4	52.2	48.7	47.7	47.8	48.6	50.5	54.8	57.2	61.2	60.6	54.5
Difference	0.1	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0
Percent Difference	0.2%	0.0%	-0.3%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5
Alternative C	53.4	52.0	48.5	47.5	48.1	48.8	51.5	55.7	57.6	60.7	59.9	54.5
Difference	0.1	0.0	-0.3	0.0	0.0	-0.1	0.0	0.0	-0.2	0.0	0.1	0.0
Percent Difference	0.2%	0.0%	-0.6%	-0.1%	0.0%	-0.2%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.1%
Below Normal (17%)												
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6
Alternative C	54.0	52.4	48.6	47.4	48.5	50.1	52.1	56.0	57.7	60.8	60.1	55.5
Difference	0.1	0.0	0.1	-0.1	0.0	-0.2	0.1	0.0	-0.2	0.0	0.1	-0.2
Percent Difference	0.3%	0.0%	0.2%	-0.2%	0.0%	-0.4%	0.1%	0.0%	-0.3%	0.0%	0.2%	-0.3%
Dry (22%)												
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9
Alternative C	54.7	52.8	48.9	47.4	48.9	51.3	51.9	55.9	57.8	60.8	59.9	55.6
Difference	0.4	0.0	-0.1	-0.1	0.0	0.2	0.0	0.1	0.1	0.0	-0.3	-0.3
Percent Difference	0.8%	0.0%	-0.2%	-0.2%	-0.1%	0.4%	0.0%	0.2%	0.2%	0.0%	-0.5%	-0.6%
Critical (15%)												
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2
Alternative C	55.5	53.6	49.3	47.5	49.2	51.1	51.6	56.0	57.8	61.5	62.0	57.1
Difference	-0.7	-0.5	-0.2	0.1	-0.1	-0.2	0.1	0.1	0.1	-0.1	0.2	-0.1
Percent Difference	-1.3%	-0.8%	-0.3%	0.3%	-0.1%	-0.4%	0.2%	0.2%	0.1%	-0.1%	0.3%	-0.1%

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

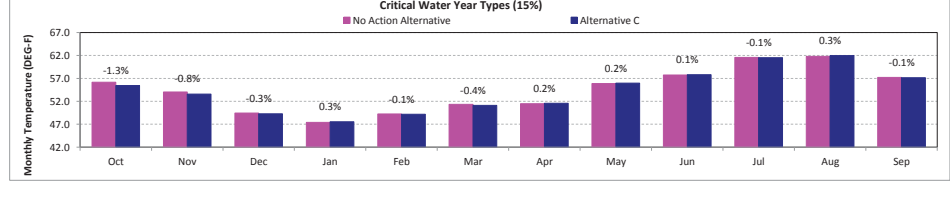
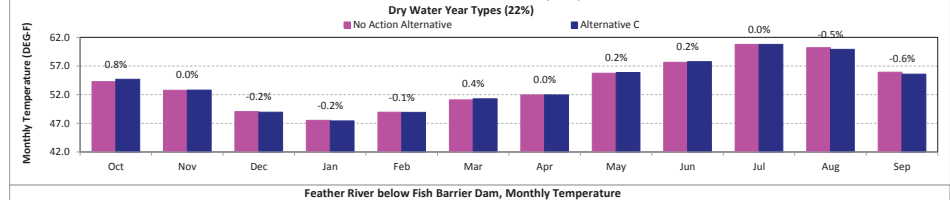
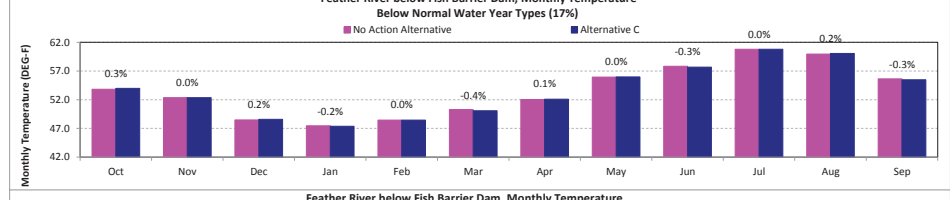
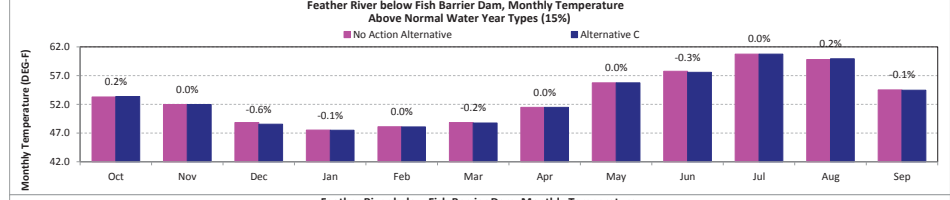
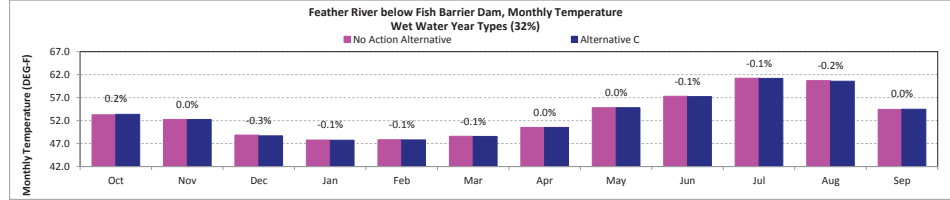
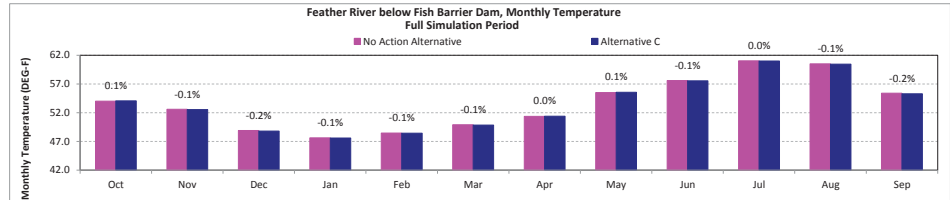


Figure SQ-15-7b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

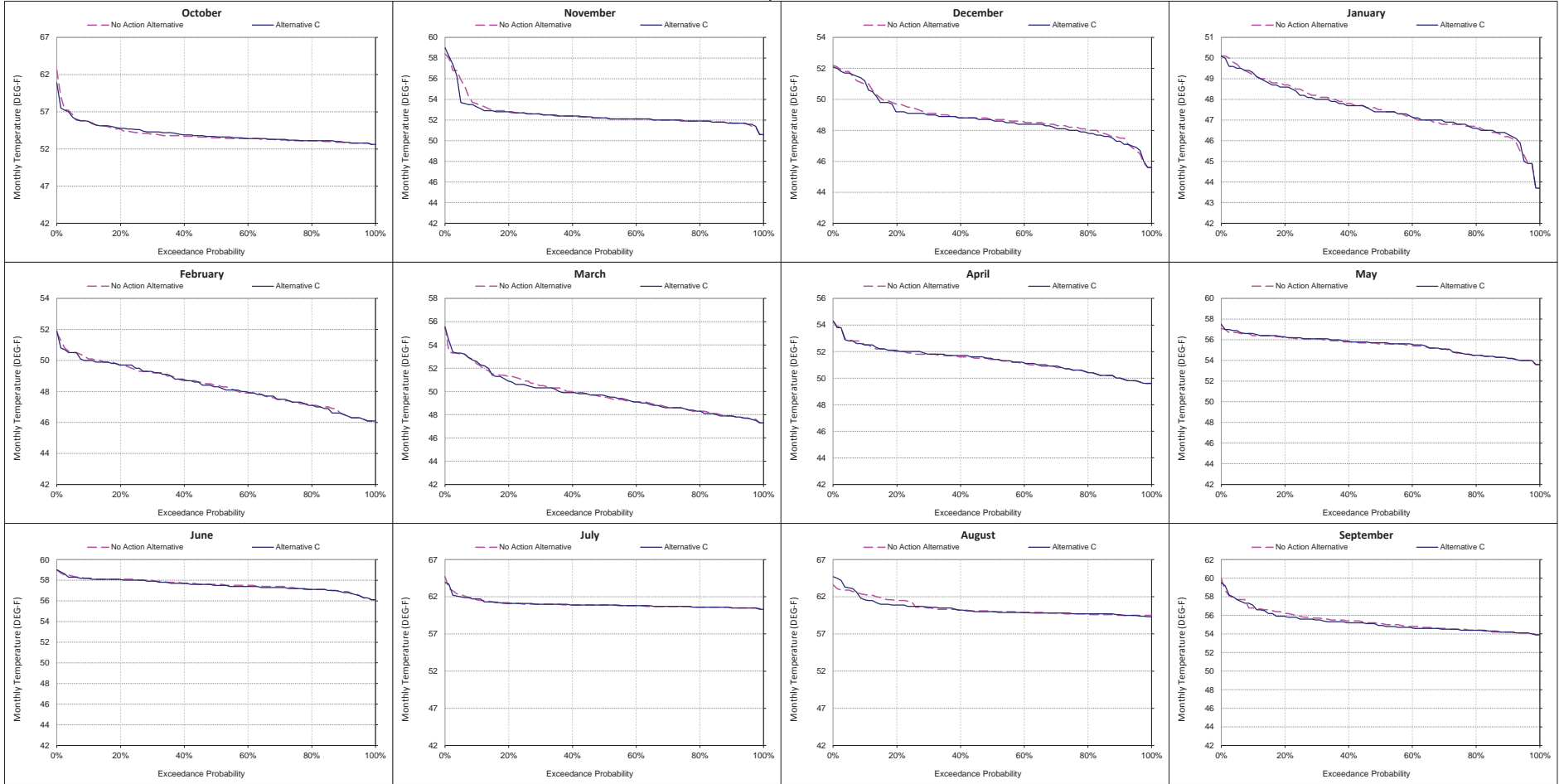


Table SQ-15-7b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	62.6	60.9	-1.7	-2.7%	
1.2%	59.1	57.5	-1.6	-2.7%	
2.5%	57.3	57.2	-0.1	-0.2%	
3.7%	57.2	57.0	-0.2	-0.3%	
4.9%	56.6	56.3	-0.3	-0.5%	
6.2%	56.0	55.9	-0.1	-0.2%	
7.4%	55.8	55.8	0.0	0.0%	
8.6%	55.8	55.8	0.0	0.0%	
9.9%	55.7	55.7	0.0	0.0%	
11.1%	55.5	55.4	-0.1	-0.2%	
12.3%	55.2	55.2	0.0	0.0%	
13.6%	55.2	55.1	-0.1	-0.2%	
14.8%	55.1	55.1	0.0	0.0%	
16.0%	55.0	55.1	0.1	0.2%	
17.3%	54.8	55.0	0.2	0.4%	
18.5%	54.7	54.9	0.2	0.4%	
19.8%	54.7	54.8	0.1	0.2%	
21.0%	54.4	54.8	0.4	0.7%	
22.2%	54.4	54.7	0.3	0.6%	
23.5%	54.3	54.7	0.4	0.7%	
24.7%	54.2	54.6	0.4	0.7%	
25.9%	54.2	54.6	0.4	0.7%	
27.2%	54.1	54.4	0.3	0.6%	
28.4%	54.1	54.3	0.2	0.4%	
29.6%	54.0	54.3	0.3	0.6%	
30.9%	54.0	54.3	0.3	0.6%	
32.1%	53.9	54.3	0.4	0.7%	
33.3%	53.8	54.2	0.4	0.7%	
34.5%	53.8	54.2	0.4	0.7%	
35.8%	53.8	54.2	0.4	0.7%	
37.0%	53.8	54.1	0.3	0.6%	
38.3%	53.8	54.0	0.2	0.4%	
39.5%	53.7	53.9	0.2	0.4%	
40.7%	53.7	53.9	0.2	0.4%	
42.0%	53.7	53.9	0.2	0.4%	
43.2%	53.7	53.8	0.1	0.2%	
44.4%	53.6	53.8	0.2	0.4%	
45.7%	53.6	53.8	0.2	0.4%	
46.9%	53.6	53.7	0.1	0.2%	
48.1%	53.5	53.7	0.2	0.4%	
49.4%	53.5	53.7	0.2	0.4%	
50.6%	53.5	53.6	0.1	0.2%	
51.9%	53.5	53.6	0.1	0.2%	
53.1%	53.4	53.6	0.2	0.4%	
54.3%	53.4	53.6	0.2	0.4%	
55.6%	53.4	53.5	0.1	0.2%	
56.8%	53.4	53.5	0.1	0.2%	
58.0%	53.4	53.5	0.1	0.2%	
59.3%	53.4	53.4	0.0	0.0%	
60.5%	53.4	53.4	0.0	0.0%	
61.7%	53.4	53.4	0.0	0.0%	
63.0%	53.4	53.4	0.0	0.0%	
64.2%	53.3	53.4	0.1	0.2%	
65.4%	53.3	53.4	0.1	0.2%	
66.7%	53.3	53.3	0.0	0.0%	
67.9%	53.3	53.3	0.0	0.0%	
69.1%	53.2	53.3	0.1	0.2%	
70.4%	53.2	53.3	0.1	0.2%	
71.6%	53.2	53.3	0.1	0.2%	
72.8%	53.1	53.2	0.1	0.2%	
74.1%	53.1	53.2	0.1	0.2%	
75.3%	53.1	53.2	0.1	0.2%	
76.5%	53.1	53.1	0.0	0.0%	
77.8%	53.1	53.1	0.0	0.0%	
79.0%	53.1	53.1	0.0	0.0%	
80.2%	53.1	53.1	0.0	0.0%	
81.5%	53.1	53.1	0.0	0.0%	
82.7%	53.1	53.1	0.0	0.0%	
84.0%	53.0	53.1	0.1	0.2%	
85.2%	53.0	53.1	0.1	0.2%	
86.4%	53.0	53.1	0.1	0.2%	
87.7%	52.9	53.0	0.1	0.2%	
88.9%	52.9	53.0	0.1	0.2%	
90.1%	52.9	52.9	0.0	0.0%	
91.4%	52.8	52.9	0.1	0.2%	
92.6%	52.8	52.8	0.0	0.0%	
93.8%	52.8	52.8	0.0	0.0%	
95.1%	52.8	52.8	0.0	0.0%	
96.3%	52.8	52.8	0.0	0.0%	
97.5%	52.8	52.8	0.0	0.0%	
98.8%	52.6	52.6	0.0	0.0%	
100.0%	52.6	52.6	0.0	0.0%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	58.4	59.0	0.6	1.0%	
1.2%	58.0	58.2	0.2	0.3%	
2.5%	56.8	57.4	0.6	1.1%	
3.7%	56.3	56.3	0.0	0.0%	
4.9%	55.9	53.7	-2.2	-3.9%	
6.2%	55.3	53.6	-1.7	-3.1%	
7.4%	54.3	53.5	-0.8	-1.5%	
8.6%	53.7	53.5	-0.2	-0.4%	
9.9%	53.6	53.3	-0.3	-0.6%	
11.1%	53.4	53.1	-0.3	-0.6%	
12.3%	53.3	52.9	-0.4	-0.8%	
13.6%	53.1	52.9	-0.2	-0.4%	
14.8%	53.0	52.9	-0.1	-0.2%	
16.0%	52.9	52.8	-0.1	-0.2%	
17.3%	52.9	52.8	-0.1	-0.2%	
18.5%	52.9	52.8	-0.1	-0.2%	
19.8%	52.8	52.8	0.0	0.0%	
21.0%	52.7	52.8	0.1	0.2%	
22.2%	52.7	52.7	0.0	0.0%	
23.5%	52.7	52.7	0.0	0.0%	
24.7%	52.7	52.7	0.0	0.0%	
25.9%	52.6	52.6	0.0	0.0%	
27.2%	52.6	52.6	0.0	0.0%	
28.4%	52.6	52.6	0.0	0.0%	
29.6%	52.6	52.6	0.0	0.0%	
30.9%	52.5	52.5	0.0	0.0%	
32.1%	52.5	52.5	0.0	0.0%	
33.3%	52.5	52.5	0.0	0.0%	
34.5%	52.4	52.5	0.1	0.2%	
35.8%	52.4	52.4	0.0	0.0%	
37.0%	52.4	52.4	0.0	0.0%	
38.3%	52.4	52.4	0.0	0.0%	
39.5%	52.4	52.4	0.0	0.0%	
40.7%	52.4	52.4	0.0	0.0%	
42.0%	52.3	52.4	0.1	0.2%	
43.2%	52.3	52.3	0.0	0.0%	
44.4%	52.3	52.3	0.0	0.0%	
45.7%	52.2	52.3	0.1	0.2%	
46.9%	52.2	52.2	0.0	0.0%	
48.1%	52.2	52.2	0.0	0.0%	
49.4%	52.2	52.2	0.0	0.0%	
50.6%	52.2	52.2	0.0	0.0%	
51.9%	52.1	52.1	0.0	0.0%	
53.1%	52.1	52.1	0.0	0.0%	
54.3%	52.1	52.1	0.0	0.0%	
55.6%	52.1	52.1	0.0	0.0%	
56.8%	52.1	52.1	0.0	0.0%	
58.0%	52.1	52.1	0.0	0.0%	
59.3%	52.1	52.1	0.0	0.0%	
60.5%	52.1	52.1	0.0	0.0%	
61.7%	52.1	52.1	0.0	0.0%	
63.0%	52.1	52.1	0.0	0.0%	
64.2%	52.1	52.1	0.0	0.0%	
65.4%	52.0	52.0	0.0	0.0%	
66.7%	52.0	52.0	0.0	0.0%	
67.9%	52.0	52.0	0.0	0.0%	
69.1%	52.0	52.0	0.0	0.0%	
70.4%	52.0	52.0	0.0	0.0%	
71.6%	52.0	52.0	0.0	0.0%	
72.8%	52.0	52.0	0.0	0.0%	
74.1%	51.9	52.0	0.1	0.2%	
75.3%	51.9	51.9	0.0	0.0%	
76.5%	51.9	51.9	0.0	0.0%	
77.8%	51.9	51.9	0.0	0.0%	
79.0%	51.9	51.9	0.0	0.0%	
80.2%	51.9	51.9	0.0	0.0%	
81.5%	51.9	51.9	0.0	0.0%	
82.7%	51.9	51.9	0.0	0.0%	
84.0%	51.9	51.8	-0.1	-0.2%	
85.2%	51.8	51.8	0.0	0.0%	
86.4%	51.8	51.8	0.0	0.0%	
87.7%	51.8	51.8	0.0	0.0%	
88.9%	51.8	51.7	-0.1	-0.2%	
90.1%	51.7	51.7	0.0	0.0%	
91.4%	51.7	51.7	0.0	0.0%	
92.6%	51.7	51.7	0.0	0.0%	
93.8%	51.7	51.7	0.0	0.0%	
95.1%	51.6	51.6	0.0	0.0%	
96.3%	51.6	51.6	0.0	0.0%	
97.5%	51.3	51.4	0.1	0.2%	
98.8%	50.6	50.6	0.0	0.0%	
100.0%	50.6	50.6	0.0	0.0%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	52.2	52.1	-0.1	-0.2%	
1.2%	52.1	52.0	-0.1	-0.2%	
2.5%	51.9	51.8	-0.1	-0.2%	
3.7%	51.7	51.7	0.0	0.0%	
4.9%	51.8	51.7	-0.1	-0.2%	
6.2%	51.5	51.6	0.1	0.2%	
7.4%	51.2	51.5	0.3	0.6%	
8.6%	51.1	51.4	0.3	0.6%	
9.9%	51.0	51.2	0.2	0.4%	
11.1%	51.0	50.6	-0.4	-0.8%	
12.3%	50.6	50.5	-0.1	-0.2%	
13.6%	50.3	50.2	-0.1	-0.2%	
14.8%	50.1	49.8	-0.3	-0.6%	
16.0%	49.9	49.8	-0.1	-0.2%	
17.3%	49.9	49.8	-0.1	-0.2%	
18.5%	49.8	49.7	-0.1	-0.2%	
19.8%	49.7	49.2	-0.5	-1.0%	
21.0%	49.7	49.2	-0.5	-1.0%	
22.2%	49.6	49.2	-0.4	-0.8%	
23.5%	49.5	49.1	-0.4	-0.8%	
24.7%	49.5	49.1	-0.4	-0.8%	
25.9%	49.4	48.9	-0.5	-1.0%	
27.2%	49.3	49.1	-0.2	-0.4%	
28.4%	49.2	49.1	-0.1	-0.2%	
29.6%	49.1	49.0	-0.1	-0.2%	
30.9%	49.1	49.0	-0.1	-0.2%	
32.1%	49.1	49.0	-0.1	-0.2%	
33.3%	49.0	48.9	-0.1	-0.2%	
34.5%	49.0	48.9	-0.1	-0.2%	
35.8%	49.0	48.9	-0.1	-0.2%	
37.0%	48.9	48.9	0.0	0.0%	
38.3%	48.9	48.9	0.0	0.0%	
39.5%	48.8	48.8	0.0	0.0%	
40.7%	48.8	48.8	0.0	0.0%	
42.0%	48.8	48.8	0.0	0.0%	
43.2%	48.8	48.8	0.0	0.0%	
44.4%	48.8	48.8	0.0	0.0%	
45.7%	48.8	48.7	-0.1	-0.2%	
46.9%	48.8	48.7	-0.1	-0.2%	
48.1%	48.8	48.7	-0.1	-0.2%	
49.4%	48.7	48.7	0.0	0.0%	
50.6%	48.7	48.6	-0.1	-0.2%	
51.9%	48.7	48.6	-0.1	-0.2%	
53.1%	48.7	48.6	-0.1	-0.2%	
54.3%	48.7	48.5	-0.2	-0.4%	
55.6%	48.6	48.5	-0.1	-0.2%	
56.8%	48.5	48.5	0.0	0.0%	
58.0%	48.6	48.4	-0.2	-0.4%	
59.3%	48.6	48.4	-0.2	-0.4%	
60.5%	48.5	48.4	-0.1	-0.2%	
61.7%	48.5	48.4	-0.1	-0.2%	
63.0%	48.5	48.4	-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%	48.4	48.3	-0.1	-0.2%	
67.9%	48.4	48.3	-0.1	-0.2%	
69.1%	48.4	48.2	-0.2	-0.4%	
70.4%	48.3	48.1	-0.2	-0.4%	
71.6%	48.3	48.1	-0.2	-0.4%	
72.8%	48.3	48.1	-0.2	-0.4%	
74.1%	48.2	48.0	-0.2	-0.4%	
75.3%	48.2	48.0	-0.2	-0.4%	
76.5%	48.2	48.0	-0.2	-0.4%	
77.8%	48.1	47.9	-0.2	-0.4%	
79.0%	48.1	47.9	-0.2	-0.4%	
80.2%	48.				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	51.8	51.9	0.1	0.2%	
1.2%	51.3	50.8	-0.5	-1.0%	
2.5%	50.9	50.7	-0.1	-0.2%	
3.7%	50.6	50.5	-0.1	-0.2%	
4.9%	50.5	50.5	0.0	0.0%	
6.2%	50.5	50.5	0.0	0.0%	
7.4%	50.4	50.1	-0.3	-0.6%	
8.6%	50.3	50.0	-0.3	-0.6%	
9.9%	50.1	50.0	-0.1	-0.2%	
11.1%	50.1	50.0	-0.1	-0.2%	
12.3%	50.0	49.9	-0.1	-0.2%	
13.6%	50.0	49.9	-0.1	-0.2%	
14.8%	49.9	49.9	0.0	0.0%	
16.0%	49.9	49.9	0.0	0.0%	
17.3%	49.9	49.8	-0.1	-0.2%	
18.5%	49.8	49.8	0.0	0.0%	
19.8%	49.7	49.7	0.0	0.0%	
21.0%	49.7	49.7	0.0	0.0%	
22.2%	49.6	49.7	0.1	0.2%	
23.5%	49.5	49.7	0.2	0.4%	
24.7%	49.4	49.5	0.1	0.2%	
25.9%	49.2	49.1	-0.1	-0.2%	
27.2%	49.3	49.3	0.0	0.0%	
28.4%	49.3	49.3	0.0	0.0%	
29.6%	49.2	49.3	0.1	0.2%	
30.9%	49.2	49.2	0.0	0.0%	
32.1%	49.2	49.2	0.0	0.0%	
33.3%	49.2	49.1	-0.1	-0.2%	
34.5%	49.0	49.1	0.1	0.2%	
35.8%	49.0	49.0	0.0	0.0%	
37.0%	48.9	48.8	-0.1	-0.2%	
38.3%	48.8	48.8	0.0	0.0%	
39.5%	48.7	48.8	0.1	0.2%	
40.7%	48.7	48.7	0.0	0.0%	
42.0%	48.7	48.7	0.0	0.0%	
43.2%	48.7	48.6	-0.1	-0.2%	
44.4%	48.6	48.6	0.0	0.0%	
45.7%	48.6	48.4	-0.2	-0.4%	
46.9%	48.5	48.4	-0.1	-0.2%	
48.1%	48.5	48.4	-0.1	-0.2%	
49.4%	48.4	48.3	-0.1	-0.2%	
50.6%	48.4	48.3	-0.1	-0.2%	
51.9%	48.3	48.2	-0.1	-0.2%	
53.1%	48.3	48.1	-0.2	-0.4%	
54.3%	48.2	48.1	-0.1	-0.2%	
55.6%	48.1	48.1	0.0	0.0%	
56.8%	48.0	48.1	0.1	0.2%	
58.0%	47.9	48.0	0.1	0.2%	
59.3%	47.9	48.0	0.1	0.2%	
60.5%	47.9	47.9	0.0	0.0%	
61.7%	47.9	47.9	0.0	0.0%	
63.0%	47.9	47.8	-0.1	-0.2%	
64.2%	47.8	47.8	0.0	0.0%	
65.4%	47.7	47.7	0.0	0.0%	
66.7%	47.6	47.7	0.1	0.2%	
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%	47.4	47.5	0.1	0.2%	
72.8%	47.4	47.4	0.0	0.0%	
74.1%	47.3	47.3	0.0	0.0%	
75.3%	47.3	47.3	0.0	0.0%	
76.5%	47.2	47.3	0.1	0.2%	
77.8%	47.2	47.2	0.0	0.0%	
79.0%	47.2	47.1	-0.1	-0.2%	
80.2%	47.1	47.1	0.0	0.0%	
81.5%	47.1	47.0	-0.1	-0.2%	
82.7%	47.0	47.0	0.0	0.0%	
84.0%	47.0	46.9	-0.1	-0.2%	
85.2%	47.0	46.9	-0.1	-0.2%	
86.4%	46.9	46.6	-0.3	-0.6%	
87.7%	46.9	46.6	-0.3	-0.6%	
88.9%	46.6	46.6	0.0	0.0%	
90.1%	46.5	46.5	0.0	0.0%	
91.4%	46.4	46.4	0.0	0.0%	
92.6%	46.3	46.3	0.0	0.0%	
93.8%	46.3	46.3	0.0	0.0%	
95.1%	46.3	46.3	0.0	0.0%	
96.3%	46.2	46.2	0.0	0.0%	
97.5%	46.1	46.1	0.0	0.0%	
98.8%	46.1	46.1	0.0	0.0%	
100.0%	46.1	46.1	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	55.6	55.5	-0.1	-0.2%	
1.2%	53.4	54.4	1.0	1.9%	
2.5%	53.3	53.4	0.1	0.2%	
3.7%	53.3	53.3	0.0	0.0%	
4.9%	53.2	53.3	0.1	0.2%	
6.2%	53.2	53.2	0.0	0.0%	
7.4%	52.9	52.9	0.0	0.0%	
8.6%	52.8	52.7	-0.1	-0.2%	
9.9%	52.4	52.6	0.2	0.4%	
11.1%	52.2	52.3	0.1	0.2%	
12.3%	51.9	52.2	0.3	0.6%	
13.6%	51.8	52.0	0.2	0.4%	
14.8%	51.5	51.4	-0.1	-0.2%	
16.0%	51.5	51.3	-0.2	-0.4%	
17.3%	51.4	51.3	-0.1	-0.2%	
18.5%	51.4	51.1	-0.3	-0.6%	
19.8%	51.3	50.9	-0.4	-0.8%	
21.0%	51.3	50.8	-0.5	-1.0%	
22.2%	51.2	50.6	-0.6	-1.2%	
23.5%	51.1	50.6	-0.5	-1.0%	
24.7%	50.9	50.6	-0.3	-0.6%	
25.9%	50.9	50.2	-0.7	-1.4%	
27.2%	50.7	50.4	-0.3	-0.6%	
28.4%	50.7	50.3	-0.4	-0.8%	
29.6%	50.5	50.3	-0.2	-0.4%	
30.9%	50.5	50.3	-0.2	-0.4%	
32.1%	50.4	50.3	-0.1	-0.2%	
33.3%	50.3	50.3	0.0	0.0%	
34.5%	50.3	50.2	-0.1	-0.2%	
35.8%	50.3	50.0	-0.3	-0.6%	
37.0%	50.2	49.9	-0.3	-0.6%	
38.3%	50.0	49.9	-0.1	-0.2%	
39.5%	50.0	49.9	-0.1	-0.2%	
40.7%	49.9	49.9	0.0	0.0%	
42.0%	49.9	49.8	-0.1	-0.2%	
43.2%	49.9	49.8	-0.1	-0.2%	
44.4%	49.8	49.8	0.0	0.0%	
45.7%	49.7	49.7	0.0	0.0%	
46.9%	49.7	49.7	0.0	0.0%	
48.1%	49.6	49.7	0.1	0.2%	
49.4%	49.5	49.7	0.2	0.4%	
50.6%	49.5	49.6	0.1	0.2%	
51.9%	49.4	49.5	0.1	0.2%	
53.1%	49.3	49.5	0.2	0.4%	
54.3%	49.3	49.4	0.1	0.2%	
55.6%	49.3	49.4	0.1	0.2%	
56.8%	49.2	49.3	0.1	0.2%	
58.0%	49.2	49.2	0.0	0.0%	
59.3%	49.1	49.1	0.0	0.0%	
60.5%	49.1	49.1	0.0	0.0%	
61.7%	49.1	49.0	-0.1	-0.2%	
63.0%	49.1	49.0	-0.1	-0.2%	
64.2%	49.0	48.9	-0.1	-0.2%	
65.4%	48.9	48.8	-0.1	-0.2%	
66.7%	48.8	48.8	0.0	0.0%	
67.9%	48.8	48.7	-0.1	-0.2%	
69.1%	48.7	48.6	-0.1	-0.2%	
70.4%	48.6	48.6	0.0	0.0%	
71.6%	48.6	48.6	0.0	0.0%	
72.8%	48.6	48.6	0.0	0.0%	
74.1%	48.6	48.6	0.0	0.0%	
75.3%	48.5	48.5	0.0	0.0%	
76.5%	48.4	48.4	0.0	0.0%	
77.8%	48.3	48.4	0.1	0.2%	
79.0%	48.3	48.3	0.0	0.0%	
80.2%	48.3	48.3	0.0	0.0%	
81.5%	48.3	48.1	-0.2	-0.4%	
82.7%	48.2	48.1	-0.1	-0.2%	
84.0%	48.1	48.1	0.0	0.0%	
85.2%	48.1	48.0	-0.1	-0.2%	
86.4%	48.0	47.9	-0.1	-0.2%	
87.7%	47.9	47.9	0.0	0.0%	
88.9%	47.9	47.9	0.0	0.0%	
90.1%	47.9	47.9	0.0	0.0%	
91.4%	47.8	47.8	0.0	0.0%	
92.6%	47.8	47.8	0.0	0.0%	
93.8%	47.7	47.7	0.0	0.0%	
95.1%	47.7	47.7	0.0	0.0%	
96.3%	47.6	47.6	0.0	0.0%	
97.5%	47.6	47.5	-0.1	-0.2%	
98.8%	47.3	47.3	0.0	0.0%	
100.0%	47.3	47.3	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.3	54.3	0.0	0.0%	
1.2%	53.9	53.8	-0.1	-0.2%	
2.5%	53.8	53.8	0.0	0.0%	
3.7%	53.8	53.9	0.1	0.2%	
4.9%	52.9	52.8	-0.1	-0.2%	
6.2%	52.8	52.8	0.0	0.0%	
7.4%	52.8	52.6	-0.2	-0.4%	
8.6%	52.8	52.6	-0.2	-0.4%	
9.9%	52.5	52.5	0.0	0.0%	
11.1%	52.5	52.5	0.0	0.0%	
12.3%	52.3	52.5	0.2	0.4%	
13.6%	52.2	52.3	0.1	0.2%	
14.8%	52.2	52.2	0.0	0.0%	
16.0%	52.2	52.2	0.0	0.0%	
17.3%	52.1	52.1	0.0	0.0%	
18.5%	52.1	52.1	0.0	0.0%	
19.8%	52.0	52.1	0.1	0.2%	
21.0%	52.0	52.0	0.0	0.0%	
22.2%	52.0	52.0	0.0	0.0%	
23.5%	51.9	52.0	0.1	0.2%	
24.7%	51.9	52.0	0.1	0.2%	
25.9%	51.8	52.0	0.2	0.4%	
27.2%	51.8	52.0	0.2	0.4%	
28.4%	51.8	51.9	0.1	0.2%	
29.6%	51.8	51.8	0.0	0.0%	
30.9%	51.8	51.8	0.0	0.0%	
32.1%	51.8	51.8	0.0	0.0%	
33.3%	51.7	51.8	0.1	0.2%	
34.5%	51.7	51.8	0.1	0.2%	
35.8%	51.7	51.7	0.0	0.0%	
37.0%	51.7	51.7	0.0	0.0%	
38.3%	51.7	51.7	0.0	0.0%	
39.5%	51.6	51.7	0.1	0.2%	
40.7%	51.6	51.7	0.1	0.2%	
42.0%	51.6	51.7	0.1	0.2%	
43.2%	51.6	51.6	0.0	0.0%	
44.4%	51.5	51.6	0.1	0.2%	
45.7%	51.5	51.6	0.1	0.2%	
46.9%	51.5	51.6	0.1	0.2%	
48.1%	51.5	51.5	0.0	0.0%	
49.4%	51.4	51.5	0.1	0.2%	
50.6%	51.4	51.4	0.0	0.0%	
51.9%	51.4	51.4	0.0	0.0%	
53.1%	51.3	51.3	0.0	0.0%	
54.3%	51.3	51.3	0.0	0.0%	
55.6%	51.2	51.3	0.1	0.2%	
56.8%	51.2	51.2	0.0	0.0%	
58.0%	51.2	51.2	0.0	0.0%	
59.3%	51.1	51.2	0.1	0.2%	
60.5%	51.1	51.1	0.0	0.0%	
61.7%	51.0	51.1	0.1	0.2%	
63.0%	51.0	51.1	0.1	0.2%	
64.2%	51.0	51.0	0.0	0.0%	
65.4%	50.9	51.0	0.1	0.2%	
66.7%	50.9	51.0	0.1	0.2%	
67.9%	50.9	50.9	0.0	0.0%	
69.1%	50.9	50.9	0.0	0.0%	
70.4%	50.8	50.9	0.1	0.2%	
71.6%	50.8	50.8	0.0	0.0%	
72.8%	50.7	50.7	0.0	0.0%	
74.1%	50.7	50.7	0.0	0.0%	
75.3%	50.6	50.6	0.0	0.0%	
76.5%	50.6	50.6	0.0	0.0%	
77.8%	50.6	50.6	0.0	0.0%	
79.0%	50.5	50.5	0.0	0.0%	
80.2%	50.				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.0	59.0	0.0	0.0%	
1.2%	58.7	58.8	0.1	0.2%	
2.5%	58.5	58.6	0.1	0.2%	
3.7%	58.5	58.3	-0.2	-0.3%	
4.9%	58.4	58.3	-0.1	-0.2%	
6.2%	58.3	58.3	0.0	0.0%	
7.4%	58.3	58.2	-0.1	-0.2%	
8.6%	58.2	58.2	0.0	0.0%	
9.9%	58.2	58.2	0.0	0.0%	
11.1%	58.2	58.1	-0.1	-0.2%	
12.3%	58.1	58.1	0.0	0.0%	
13.6%	58.1	58.1	0.0	0.0%	
14.8%	58.1	58.1	0.0	0.0%	
16.0%	58.1	58.1	0.0	0.0%	
17.3%	58.1	58.1	0.0	0.0%	
18.5%	58.1	58.1	0.0	0.0%	
19.8%	58.1	58.1	0.0	0.0%	
21.0%	58.1	58.0	-0.1	-0.2%	
22.2%	58.1	58.0	-0.1	-0.2%	
23.5%	58.1	58.0	-0.1	-0.2%	
24.7%	58.1	58.0	-0.1	-0.2%	
25.0%	58.0	58.0	0.0	0.0%	
27.2%	58.0	58.0	0.0	0.0%	
28.4%	58.0	57.9	-0.1	-0.2%	
29.6%	58.0	57.9	-0.1	-0.2%	
30.9%	57.9	57.9	0.0	0.0%	
32.1%	57.9	57.8	-0.1	-0.2%	
33.3%	57.9	57.8	-0.1	-0.2%	
34.5%	57.8	57.8	0.0	0.0%	
35.8%	57.8	57.7	-0.1	-0.2%	
37.0%	57.8	57.7	-0.1	-0.2%	
38.3%	57.8	57.7	-0.1	-0.2%	
39.5%	57.7	57.7	0.0	0.0%	
40.7%	57.7	57.7	0.0	0.0%	
42.0%	57.7	57.6	-0.1	-0.2%	
43.2%	57.7	57.6	-0.1	-0.2%	
44.4%	57.6	57.6	0.0	0.0%	
45.7%	57.6	57.6	0.0	0.0%	
46.9%	57.6	57.6	0.0	0.0%	
48.1%	57.6	57.6	0.0	0.0%	
49.4%	57.6	57.5	-0.1	-0.2%	
50.6%	57.6	57.5	-0.1	-0.2%	
51.9%	57.6	57.5	-0.1	-0.2%	
53.1%	57.5	57.5	0.0	0.0%	
54.3%	57.5	57.4	-0.1	-0.2%	
55.6%	57.5	57.4	-0.1	-0.2%	
56.8%	57.5	57.4	-0.1	-0.2%	
58.0%	57.5	57.4	-0.1	-0.2%	
59.3%	57.5	57.4	-0.1	-0.2%	
60.5%	57.5	57.4	-0.1	-0.2%	
61.7%	57.5	57.4	-0.1	-0.2%	
63.0%	57.4	57.4	0.0	0.0%	
64.2%	57.4	57.3	-0.1	-0.2%	
65.4%	57.4	57.3	-0.1	-0.2%	
66.7%	57.4	57.3	-0.1	-0.2%	
67.9%	57.4	57.3	-0.1	-0.2%	
69.1%	57.4	57.3	-0.1	-0.2%	
70.4%	57.4	57.3	-0.1	-0.2%	
71.6%	57.4	57.3	-0.1	-0.2%	
72.8%	57.3	57.2	-0.1	-0.2%	
74.1%	57.3	57.2	-0.1	-0.2%	
75.3%	57.2	57.2	0.0	0.0%	
76.5%	57.2	57.2	0.0	0.0%	
77.8%	57.1	57.2	0.1	0.2%	
79.0%	57.1	57.1	0.0	0.0%	
80.2%	57.1	57.1	0.0	0.0%	
81.5%	57.1	57.1	0.0	0.0%	
82.7%	57.1	57.1	0.0	0.0%	
84.0%	57.1	57.1	0.0	0.0%	
85.2%	57.1	57.0	-0.1	-0.2%	
86.4%	57.0	57.0	0.0	0.0%	
87.7%	57.0	57.0	0.0	0.0%	
88.9%	56.9	56.9	0.0	0.0%	
90.1%	56.9	56.8	-0.1	-0.2%	
91.4%	56.9	56.8	-0.1	-0.2%	
92.6%	56.7	56.7	0.0	0.0%	
93.8%	56.7	56.6	-0.1	-0.2%	
95.1%	56.5	56.5	0.0	0.0%	
96.3%	56.3	56.3	0.0	0.0%	
97.5%	56.3	56.3	0.0	0.0%	
98.8%	56.1	56.1	0.0	0.0%	
100.0%	56.1	56.1	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	64.7	63.9	-0.8	-1.2%	
1.2%	63.1	63.7	0.6	1.0%	
2.5%	62.3	62.2	-0.6	-1.0%	
3.7%	62.4	62.3	-0.3	-0.5%	
4.9%	62.3	62.0	-0.3	-0.5%	
6.2%	62.1	61.9	-0.2	-0.3%	
7.4%	61.9	61.9	0.0	0.0%	
8.6%	61.9	61.7	-0.2	-0.3%	
9.9%	61.6	61.7	0.1	0.2%	
11.1%	61.5	61.7	0.2	0.3%	
12.3%	61.5	61.3	-0.2	-0.3%	
13.6%	61.4	61.3	-0.1	-0.2%	
14.8%	61.3	61.3	0.0	0.0%	
16.0%	61.3	61.2	-0.1	-0.2%	
17.3%	61.3	61.2	-0.1	-0.2%	
18.5%	61.2	61.1	-0.1	-0.2%	
19.8%	61.2	61.1	-0.1	-0.2%	
21.0%	61.1	61.1	0.0	0.0%	
22.2%	61.1	61.1	0.0	0.0%	
23.5%	61.1	61.1	0.0	0.0%	
24.7%	61.0	61.1	0.1	0.2%	
25.0%	61.0	61.0	0.0	0.0%	
27.2%	61.0	61.1	0.1	0.2%	
28.4%	61.0	61.0	0.0	0.0%	
29.6%	61.0	61.0	0.0	0.0%	
30.9%	61.0	61.0	0.0	0.0%	
32.1%	61.0	61.0	0.0	0.0%	
33.3%	61.0	61.0	0.0	0.0%	
34.5%	61.0	61.0	0.0	0.0%	
35.8%	61.0	61.0	0.0	0.0%	
37.0%	60.9	61.0	0.1	0.2%	
38.3%	60.9	61.0	0.1	0.2%	
39.5%	60.9	60.9	0.0	0.0%	
40.7%	60.9	60.9	0.0	0.0%	
42.0%	60.9	60.9	0.0	0.0%	
43.2%	60.9	60.9	0.0	0.0%	
44.4%	60.9	60.9	0.0	0.0%	
45.7%	60.9	60.9	0.0	0.0%	
46.9%	60.9	60.9	0.0	0.0%	
48.1%	60.9	60.9	0.0	0.0%	
49.4%	60.9	60.9	0.0	0.0%	
50.6%	60.9	60.9	0.0	0.0%	
51.9%	60.9	60.9	0.0	0.0%	
53.1%	60.9	60.9	0.0	0.0%	
54.3%	60.8	60.9	0.1	0.2%	
55.6%	60.8	60.8	0.0	0.0%	
56.8%	60.8	60.8	0.0	0.0%	
58.0%	60.8	60.8	0.0	0.0%	
59.3%	60.8	60.8	0.0	0.0%	
60.5%	60.8	60.8	0.0	0.0%	
61.7%	60.8	60.8	0.0	0.0%	
63.0%	60.7	60.8	0.1	0.2%	
64.2%	60.7	60.8	0.1	0.2%	
65.4%	60.7	60.7	0.0	0.0%	
66.7%	60.7	60.7	0.0	0.0%	
67.9%	60.7	60.7	0.0	0.0%	
69.1%	60.7	60.7	0.0	0.0%	
70.4%	60.7	60.7	0.0	0.0%	
71.6%	60.7	60.7	0.0	0.0%	
72.8%	60.7	60.7	0.0	0.0%	
74.1%	60.7	60.7	0.0	0.0%	
75.3%	60.7	60.7	0.0	0.0%	
76.5%	60.7	60.7	0.0	0.0%	
77.8%	60.7	60.6	-0.1	-0.2%	
79.0%	60.6	60.6	0.0	0.0%	
80.2%	60.6	60.6	0.0	0.0%	
81.5%	60.6	60.6	0.0	0.0%	
82.7%	60.6	60.6	0.0	0.0%	
84.0%	60.6	60.6	0.0	0.0%	
85.2%	60.6	60.6	0.0	0.0%	
86.4%	60.6	60.6	0.0	0.0%	
87.7%	60.6	60.6	0.0	0.0%	
88.9%	60.6	60.6	0.0	0.0%	
90.1%	60.5	60.5	0.0	0.0%	
91.4%	60.5	60.5	0.0	0.0%	
92.6%	60.5	60.5	0.0	0.0%	
93.8%	60.5	60.5	0.0	0.0%	
95.1%	60.5	60.5	0.0	0.0%	
96.3%	60.5	60.5	0.0	0.0%	
97.5%	60.5	60.5	0.0	0.0%	
98.8%	60.4	60.3	-0.1	-0.2%	
100.0%	60.4	60.3	-0.1	-0.2%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	63.6	64.7	1.1	1.7%	
1.2%	63.1	64.5	1.4	2.2%	
2.5%	62.9	64.2	1.3	2.1%	
3.7%	62.9	63.3	0.4	0.7%	
4.9%	62.9	63.2	0.3	0.5%	
6.2%	62.7	63.1	0.4	0.6%	
7.4%	62.6	62.6	0.0	0.0%	
8.6%	62.4	61.8	-0.6	-1.0%	
9.9%	62.3	61.6	-0.7	-1.1%	
11.1%	62.2	61.5	-0.7	-1.1%	
12.3%	62.2	61.5	-0.7	-1.1%	
13.6%	62.0	61.2	-0.8	-1.3%	
14.8%	61.9	61.0	-0.9	-1.5%	
16.0%	61.7	61.0	-0.7	-1.1%	
17.3%	61.6	61.0	-0.6	-1.0%	
18.5%	61.6	60.9	-0.7	-1.1%	
19.8%	61.5	60.9	-0.6	-1.0%	
21.0%	61.5	60.9	-0.6	-1.0%	
22.2%	61.5	60.9	-0.6	-1.0%	
23.5%	61.4	60.7	-0.7	-1.1%	
24.7%	61.3	60.7	-0.6	-1.0%	
25.0%	61.1	60.7	-0.4	-0.7%	
27.2%	60.8	60.7	0.1	0.2%	
28.4%	60.6	60.7	0.1	0.2%	
29.6%	60.5	60.6	0.1	0.2%	
30.9%	60.5	60.6	0.1	0.2%	
32.1%	60.3	60.6	0.3	0.5%	
33.3%	60.3	60.5	0.2	0.3%	
34.5%	60.3	60.5	0.2	0.3%	
35.8%	60.3	60.5	0.2	0.3%	
37.0%	60.3	60.5	0.2	0.3%	
38.3%	60.3	60.3	0.0	0.0%	
39.5%	60.2	60.2	0.0	0.0%	
40.7%	60.2	60.2	0.0	0.0%	
42.0%	60.1	60.1	0.0	0.0%	
43.2%	60.1	60.0	0.0	0.0%	
44.4%	60.1	60.0	-0.1	-0.2%	
45.7%	60.1	60.0	-0.1	-0.2%	
46.9%	60.1	60.0	-0.1	-0.2%	
48.1%	60.1	60.0	-0.1	-0.2%	
49.4%	60.1	60.0	-0.1	-0.2%	
50.6%	60.0	60.0	0.0	0.0%	
51.9%	60.0	59.9	-0.1	-0.2%	
53.1%	60.0	59.9	-0.1	-0.2%	
54.3%	60.0	59.9	-0.1	-0.2%	
55.6%	60.0	59.9	-0.1	-0.2%	
56.8%	60.0	59.9	-0.1	-0.2%	
58.0%	59.9	59.9	0.0	0.0%	
59.3%	59.9	59.9	0.0	0.0%	
60.5%	59.9	59.9	0.0	0.0%	
61.7%	59.9	59.8	-0.1	-0.2%	
63.0%	59.9	59.8	-0.1	-0.2%	
64.2%	59.9	59.8	-0.1	-0.2%	
65.4%	59.9	59.8	-0.1	-0.2%	
66.7%	59.8	59.8	0.0	0.0%	
67.9%	59.8	59.8	0.0	0.0%	
69.1%	59.8	59.8	0.0	0.0%	
70.4%	59.8	59.8	0.0	0.0%	
71.6%	59.8	59.8	0.0	0.0%	
72.8%	59.7	59.8	0.1	0.2%	
74.1%	59.7	59.8	0.1	0.2%	
75.3%	59.7	59.7	0.0	0.0%	
76.5%	59.7	59.7	0.0	0.0%	
77.8%	59.7	59.7	0.0	0.0%	
79.0%	59.7	59.7	0.0	0.0%	
80.2%	59.				

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

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

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

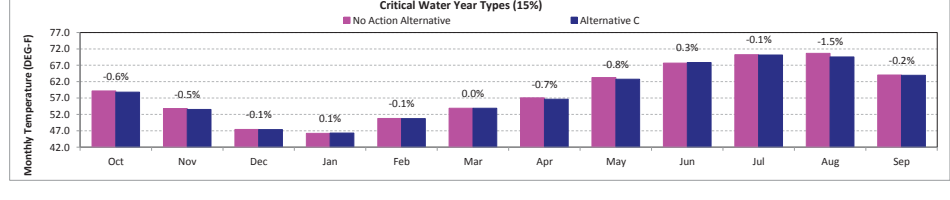
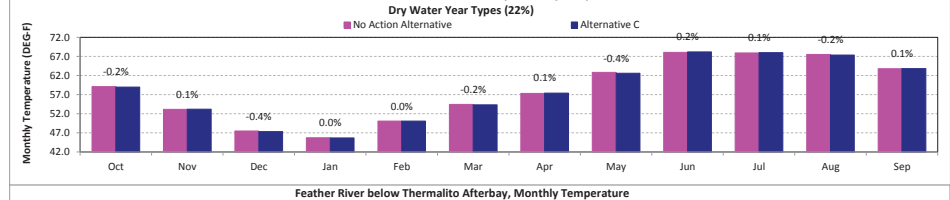
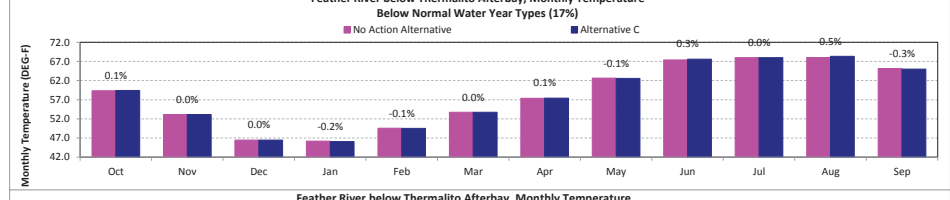
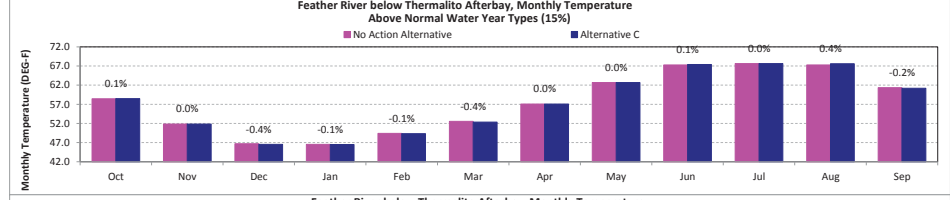
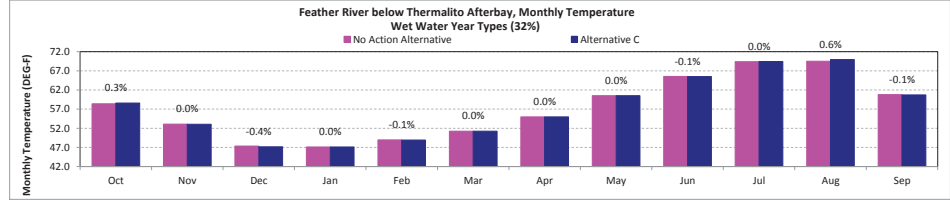
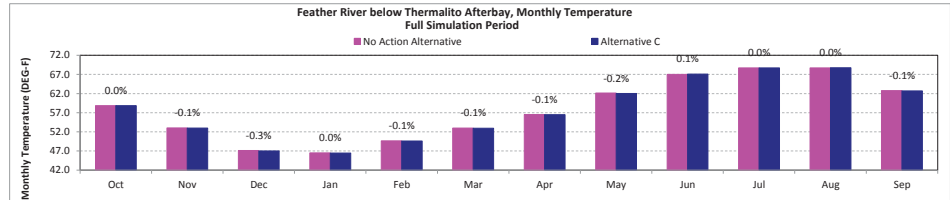


Figure SQ-16-7b
Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

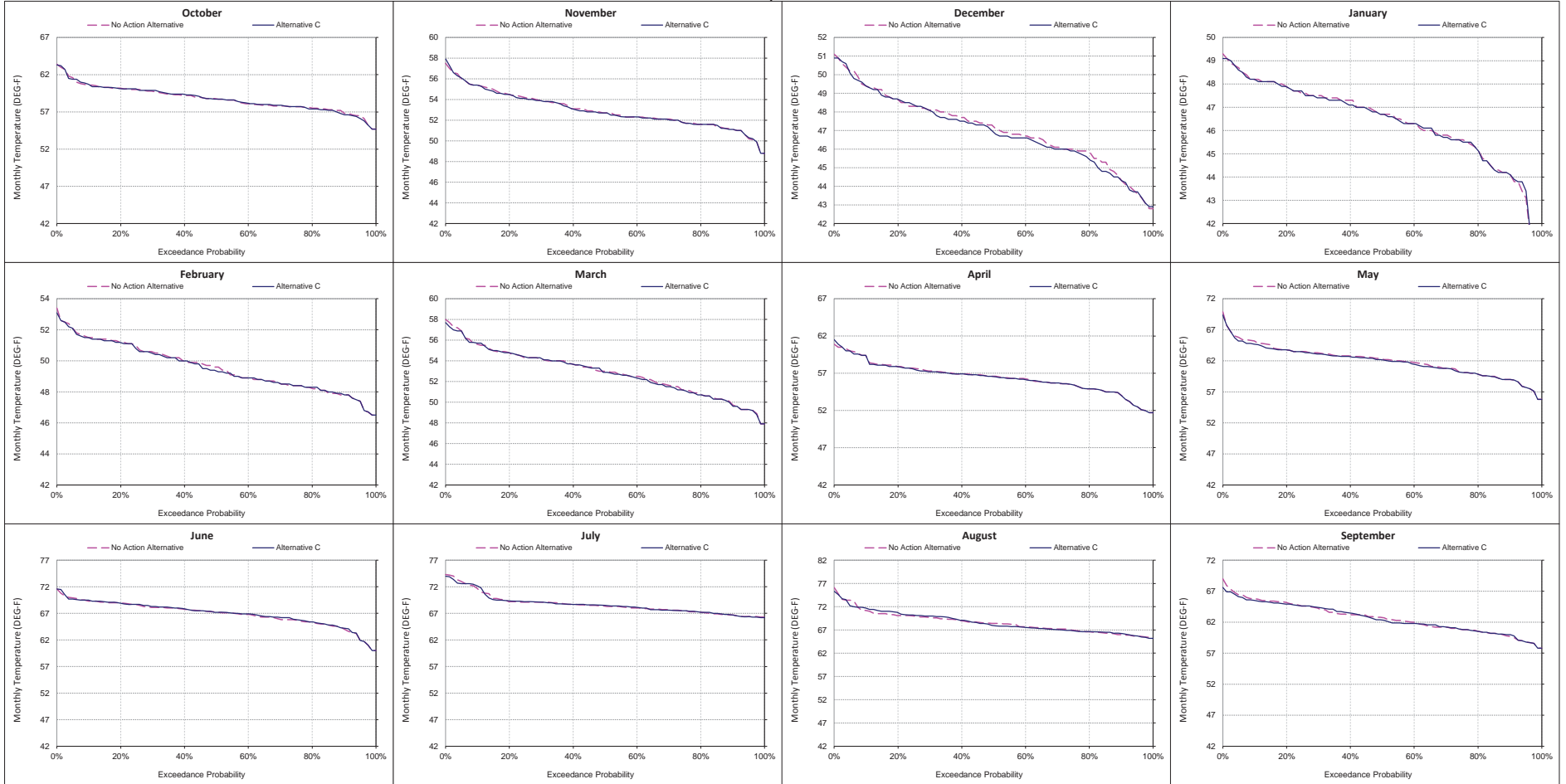


Table SQ-16-7b
Feather River below Thermalito Afterbay, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	63.4	63.3	-0.1	-0.2%	
1.2%	63.0	63.2	0.2	0.3%	
2.5%	62.7	62.7	0.0	0.0%	
3.7%	61.8	61.1	-0.7	-0.8%	
4.9%	61.6	61.4	-0.2	-0.3%	
6.2%	61.0	61.4	0.4	0.7%	
7.4%	60.8	61.0	0.2	0.3%	
8.6%	60.7	60.9	0.2	0.3%	
9.9%	60.6	60.7	0.1	0.2%	
11.1%	60.6	60.4	-0.2	-0.3%	
12.3%	60.5	60.4	-0.1	-0.2%	
13.6%	60.3	60.4	0.1	0.2%	
14.8%	60.3	60.3	0.0	0.0%	
16.0%	60.3	60.3	0.0	0.0%	
17.3%	60.2	60.3	0.1	0.2%	
18.5%	60.2	60.2	0.0	0.0%	
19.8%	60.2	60.1	-0.1	-0.2%	
21.0%	60.1	60.1	0.0	0.0%	
22.2%	60.1	60.1	0.0	0.0%	
23.5%	60.0	60.1	0.1	0.2%	
24.7%	60.0	60.1	0.1	0.2%	
25.9%	59.9	59.9	0.0	0.0%	
27.2%	59.9	59.9	0.0	0.0%	
28.4%	59.8	59.9	0.1	0.2%	
29.6%	59.8	59.9	0.1	0.2%	
30.9%	59.7	59.9	0.2	0.3%	
32.1%	59.6	59.7	0.1	0.2%	
33.3%	59.6	59.6	0.0	0.0%	
34.5%	59.4	59.5	0.1	0.2%	
35.8%	59.4	59.4	0.0	0.0%	
37.0%	59.3	59.4	0.1	0.2%	
38.3%	59.3	59.4	0.1	0.2%	
39.5%	59.2	59.4	0.2	0.3%	
40.7%	59.2	59.3	0.1	0.2%	
42.0%	59.2	59.3	0.1	0.2%	
43.2%	59.0	59.2	0.2	0.3%	
44.4%	59.0	59.1	0.1	0.2%	
45.7%	58.9	58.9	0.0	0.0%	
46.9%	58.8	58.8	0.0	0.0%	
48.1%	58.8	58.8	0.0	0.0%	
49.4%	58.8	58.7	-0.1	-0.2%	
50.6%	58.7	58.7	0.0	0.0%	
51.9%	58.7	58.7	0.0	0.0%	
53.1%	58.6	58.6	0.0	0.0%	
54.3%	58.6	58.6	0.0	0.0%	
55.6%	58.6	58.6	0.0	0.0%	
56.8%	58.3	58.4	0.1	0.2%	
58.0%	58.2	58.3	0.1	0.2%	
59.3%	58.1	58.2	0.1	0.2%	
60.5%	58.1	58.1	0.0	0.0%	
61.7%	58.0	58.1	0.1	0.2%	
63.0%	58.0	58.0	0.0	0.0%	
64.2%	57.9	58.0	0.1	0.2%	
65.4%	57.9	58.0	0.1	0.2%	
66.7%	57.9	58.0	0.1	0.2%	
67.9%	57.8	57.9	0.1	0.2%	
69.1%	57.8	57.9	0.1	0.2%	
70.4%	57.8	57.9	0.1	0.2%	
71.6%	57.8	57.8	0.0	0.0%	
72.8%	57.7	57.7	0.0	0.0%	
74.1%	57.7	57.7	0.0	0.0%	
75.3%	57.7	57.7	0.0	0.0%	
76.5%	57.7	57.7	0.0	0.0%	
77.8%	57.6	57.6	0.0	0.0%	
79.0%	57.6	57.4	-0.2	-0.3%	
80.2%	57.5	57.4	-0.1	-0.2%	
81.5%	57.5	57.4	-0.1	-0.2%	
82.7%	57.4	57.3	-0.1	-0.2%	
84.0%	57.4	57.3	-0.1	-0.2%	
85.2%	57.3	57.2	-0.1	-0.2%	
86.4%	57.3	57.2	-0.1	-0.2%	
87.7%	57.2	57.0	-0.2	-0.3%	
88.9%	57.2	56.8	-0.4	-0.7%	
90.1%	56.8	56.6	-0.2	-0.4%	
91.4%	56.8	56.6	-0.2	-0.4%	
92.6%	56.6	56.5	-0.1	-0.2%	
93.8%	56.5	56.4	-0.1	-0.2%	
95.1%	56.5	56.1	-0.4	-0.7%	
96.3%	56.2	56.8	0.6	1.1%	
97.5%	55.2	55.2	0.0	0.0%	
98.8%	54.7	54.7	0.0	0.0%	
100.0%	54.7	54.7	0.0	0.0%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	57.5	57.9	0.4	0.7%	
1.2%	57.0	57.3	0.3	0.5%	
2.5%	56.6	56.6	0.0	0.0%	
3.7%	56.5	56.5	0.0	0.0%	
4.9%	56.0	56.1	0.1	0.2%	
6.2%	55.8	55.8	0.0	0.0%	
7.4%	55.5	55.5	0.0	0.0%	
8.6%	55.4	55.4	0.0	0.0%	
9.9%	55.4	55.4	0.0	0.0%	
11.1%	55.3	55.3	0.0	0.0%	
12.3%	55.2	55.0	-0.2	-0.4%	
13.6%	55.1	54.9	-0.2	-0.4%	
14.8%	55.0	54.8	-0.2	-0.4%	
16.0%	54.8	54.6	-0.2	-0.4%	
17.3%	54.6	54.6	0.0	0.0%	
18.5%	54.6	54.5	-0.1	-0.2%	
19.8%	54.5	54.5	0.0	0.0%	
21.0%	54.4	54.4	0.0	0.0%	
22.2%	54.4	54.2	-0.2	-0.4%	
23.5%	54.3	54.1	-0.2	-0.4%	
24.7%	54.2	54.1	-0.1	-0.2%	
25.9%	54.1	54.1	0.0	0.0%	
27.2%	54.1	54.0	-0.1	-0.2%	
28.4%	54.0	53.9	-0.1	-0.2%	
29.6%	53.9	53.9	0.0	0.0%	
30.9%	53.8	53.8	0.0	0.0%	
32.1%	53.8	53.8	0.0	0.0%	
33.3%	53.7	53.8	0.1	0.2%	
34.5%	53.7	53.7	0.0	0.0%	
35.8%	53.6	53.6	0.0	0.0%	
37.0%	53.6	53.4	-0.2	-0.4%	
38.3%	53.4	53.3	-0.1	-0.2%	
39.5%	53.1	53.1	0.0	0.0%	
40.7%	53.1	53.0	-0.1	-0.2%	
42.0%	53.1	52.9	-0.2	-0.4%	
43.2%	53.1	52.9	-0.2	-0.4%	
44.4%	52.9	52.8	-0.1	-0.2%	
45.7%	52.9	52.8	-0.1	-0.2%	
46.9%	52.8	52.8	0.0	0.0%	
48.1%	52.8	52.7	-0.1	-0.2%	
49.4%	52.7	52.7	0.0	0.0%	
50.6%	52.7	52.7	0.0	0.0%	
51.9%	52.7	52.5	-0.2	-0.4%	
53.1%	52.5	52.5	0.0	0.0%	
54.3%	52.5	52.4	-0.1	-0.2%	
55.6%	52.4	52.3	-0.1	-0.2%	
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%	52.3	52.3	0.0	0.0%	
61.7%	52.3	52.2	-0.1	-0.2%	
63.0%	52.2	52.2	0.0	0.0%	
64.2%	52.2	52.2	0.0	0.0%	
65.4%	52.2	52.1	-0.1	-0.2%	
66.7%	52.1	52.1	0.0	0.0%	
67.9%	52.1	52.1	0.0	0.0%	
69.1%	52.1	52.1	0.0	0.0%	
70.4%	52.1	52.0	-0.1	-0.2%	
71.6%	52.0	52.0	0.0	0.0%	
72.8%	52.0	52.0	0.0	0.0%	
74.1%	51.8	51.8	0.0	0.0%	
75.3%	51.7	51.7	0.0	0.0%	
76.5%	51.7	51.7	0.0	0.0%	
77.8%	51.7	51.6	-0.1	-0.2%	
79.0%	51.6	51.6	0.0	0.0%	
80.2%	51.6	51.6	0.0	0.0%	
81.5%	51.6	51.6	0.0	0.0%	
82.7%	51.6	51.6	0.0	0.0%	
84.0%	51.6	51.6	0.0	0.0%	
85.2%	51.3	51.5	0.2	0.4%	
86.4%	51.3	51.2	-0.1	-0.2%	
87.7%	51.2	51.2	0.0	0.0%	
88.9%	51.2	51.1	-0.1	-0.2%	
90.1%	51.1	51.1	0.0	0.0%	
91.4%	51.0	51.0	0.0	0.0%	
92.6%	51.0	51.0	0.0	0.0%	
93.8%	50.6	50.6	0.0	0.0%	
95.1%	50.2	49.3	-0.9	-1.8%	
96.3%	50.2	50.2	0.0	0.0%	
97.5%	49.9	49.9	0.0	0.0%	
98.8%	48.8	48.8	0.0	0.0%	
100.0%	48.8	48.8	0.0	0.0%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	51.1	50.9	-0.2	-0.4%	
1.2%	50.9	50.9	0.0	0.0%	
2.5%	50.6	50.7	0.1	0.2%	
3.7%	50.6	50.6	0.0	0.0%	
4.9%	50.2	50.1	-0.1	-0.2%	
6.2%	50.2	49.8	-0.4	-0.8%	
7.4%	49.9	49.7	-0.2	-0.4%	
8.6%	49.5	49.6	0.1	0.2%	
9.9%	49.4	49.4	0.0	0.0%	
11.1%	49.3	49.3	0.0	0.0%	
12.3%	49.3	49.2	-0.1	-0.2%	
13.6%	49.2	49.2	0.0	0.0%	
14.8%	49.2	48.9	-0.3	-0.6%	
16.0%	48.9	48.8	-0.1	-0.2%	
17.3%	48.8	48.8	0.0	0.0%	
18.5%	48.7	48.7	0.0	0.0%	
19.8%	48.7	48.7	0.0	0.0%	
21.0%	48.5	48.6	0.1	0.2%	
22.2%	48.5	48.5	0.0	0.0%	
23.5%	48.3	48.5	0.2	0.4%	
24.7%	48.3	48.4	0.1	0.2%	
25.9%	48.1	47.7	-0.4	-0.8%	
27.2%	48.2	48.3	0.1	0.2%	
28.4%	48.2	48.2	0.0	0.0%	
29.6%	48.1	48.1	0.0	0.0%	
30.9%	48.1	48.0	-0.1	-0.2%	
32.1%	48.1	47.8	-0.3	-0.6%	
33.3%	48.0	47.7	-0.3	-0.6%	
34.5%	48.0	47.7	-0.3	-0.6%	
35.8%	47.9	47.6	-0.3	-0.6%	
37.0%	47.8	47.6	-0.2	-0.4%	
38.3%	47.8	47.6	-0.2	-0.4%	
39.5%	47.7	47.5	-0.2	-0.4%	
40.7%	47.7	47.5	-0.2	-0.4%	
42.0%	47.5	47.4	-0.1	-0.2%	
43.2%	47.5	47.4	-0.1	-0.2%	
44.4%	47.5	47.3	-0.2	-0.4%	
45.7%	47.4	47.3	-0.1	-0.2%	
46.9%	47.4	47.3	-0.1	-0.2%	
48.1%	47.3	47.2	-0.1	-0.2%	
49.4%	47.3	47.0	-0.3	-0.6%	
50.6%	47.1	46.8	-0.3	-0.6%	
51.9%	47.0	46.7	-0.3	-0.6%	
53.1%	46.9	46.7	-0.2	-0.4%	
54.3%	46.9	46.7	-0.2	-0.4%	
55.6%	46.8	46.6	-0.2	-0.4%	
56.8%	46.8	46.6	-0.2	-0.4%	
58.0%	46.8	46.6	-0.2	-0.4%	
59.3%	46.7	46.6	-0.1	-0.2%	
60.5%	46.7	46.6	-0.1	-0.2%	
61.7%	46.6	46.5	-0.1	-0.2%	
63.0%	46.6	46.4	-0.2	-0.4%	
64.2%	46.6	46.3	-0.3	-0.6%	
65.4%	46.2	46.0	-0.2	-0.4%	
66.7%	46.3	46.1	-0.2	-0.4%	
67.9%	46.2	46.1	-0.1	-0.2%	
69.1%	46.1	46.0	-0.1	-0.2%	
70.4%	46.1	46.0	-0.1	-0.2%	
71.6%	46.0	46.0	0.0	0.0%	
72.8%	46.0	46.0	0.0	0.0%	
74.1%	46.0	45.9	-0.1	-0.2%	
75.3%	46.0	45.9	-0.1	-0.2%	
76.5%	45.9	45.8	-0.1	-0.2%	
77.8%	45.9	45.7	-0.2	-0.4%	
79.0%	45.9	45.6	-0.3	-0.7%	
80.2%	45				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.4	53.1	-0.3	-0.6%	
1.2%	52.6	52.6	0.0	0.0%	
2.5%	52.5	52.5	0.0	0.0%	
3.7%	52.4	52.2	-0.4%	-0.4%	
4.9%	52.1	52.1	0.0	0.0%	
6.2%	51.8	51.7	-0.1	-0.2%	
7.4%	51.7	51.6	-0.1	-0.2%	
8.6%	51.6	51.5	-0.1	-0.2%	
9.9%	51.5	51.5	0.0	0.0%	
11.1%	51.5	51.4	-0.1	-0.2%	
12.3%	51.4	51.4	0.0	0.0%	
13.6%	51.4	51.4	0.0	0.0%	
14.8%	51.4	51.3	-0.1	-0.2%	
16.0%	51.4	51.3	-0.1	-0.2%	
17.3%	51.3	51.3	0.0	0.0%	
18.5%	51.3	51.2	-0.1	-0.2%	
19.8%	51.2	51.2	0.0	0.0%	
21.0%	51.2	51.1	-0.1	-0.2%	
22.2%	51.1	51.1	0.0	0.0%	
23.5%	51.1	51.1	0.0	0.0%	
24.7%	51.0	50.8	-0.2	-0.4%	
25.9%	50.9	50.8	-0.1	-0.2%	
27.2%	50.6	50.6	0.0	0.0%	
28.4%	50.6	50.6	0.0	0.0%	
29.6%	50.6	50.5	-0.1	-0.2%	
30.9%	50.5	50.4	-0.1	-0.2%	
32.1%	50.5	50.4	-0.1	-0.2%	
33.3%	50.4	50.3	-0.1	-0.2%	
34.5%	50.3	50.2	-0.1	-0.2%	
35.8%	50.2	50.2	0.0	0.0%	
37.0%	50.2	50.2	0.0	0.0%	
38.3%	50.2	50.0	-0.2	-0.4%	
39.5%	50.0	50.0	0.0	0.0%	
40.7%	49.9	50.0	0.1	0.2%	
42.0%	49.9	49.9	0.0	0.0%	
43.2%	49.9	49.8	-0.1	-0.2%	
44.4%	49.9	49.8	-0.1	-0.2%	
45.7%	49.8	49.5	-0.3	-0.6%	
46.9%	49.7	49.5	-0.2	-0.4%	
48.1%	49.7	49.4	-0.3	-0.6%	
49.4%	49.6	49.4	-0.2	-0.4%	
50.6%	49.6	49.3	-0.3	-0.6%	
51.9%	49.4	49.3	-0.1	-0.2%	
53.1%	49.4	49.2	-0.2	-0.4%	
54.3%	49.1	49.2	0.1	0.2%	
55.6%	49.1	49.0	-0.1	-0.2%	
56.8%	49.0	49.0	0.0	0.0%	
58.0%	48.9	48.9	0.0	0.0%	
59.3%	48.9	48.9	0.0	0.0%	
60.5%	48.9	48.9	0.0	0.0%	
61.7%	48.8	48.9	0.1	0.2%	
63.0%	48.8	48.8	0.0	0.0%	
64.2%	48.8	48.8	0.0	0.0%	
65.4%	48.7	48.7	0.0	0.0%	
66.7%	48.7	48.7	0.0	0.0%	
67.9%	48.7	48.6	-0.1	-0.2%	
69.1%	48.6	48.6	0.0	0.0%	
70.4%	48.5	48.5	0.0	0.0%	
71.6%	48.5	48.5	0.0	0.0%	
72.8%	48.4	48.5	0.1	0.2%	
74.1%	48.4	48.4	0.0	0.0%	
75.3%	48.4	48.4	0.0	0.0%	
76.5%	48.4	48.4	0.0	0.0%	
77.8%	48.3	48.3	0.0	0.0%	
79.0%	48.3	48.3	0.0	0.0%	
80.2%	48.2	48.3	0.1	0.2%	
81.5%	48.2	48.3	0.1	0.2%	
82.7%	48.1	48.1	0.0	0.0%	
84.0%	48.1	48.1	0.0	0.0%	
85.2%	47.9	48.0	0.1	0.2%	
86.4%	47.9	48.0	0.1	0.2%	
87.7%	47.9	47.9	0.0	0.0%	
88.9%	47.8	47.9	0.1	0.2%	
90.1%	47.8	47.8	0.0	0.0%	
91.4%	47.8	47.8	0.0	0.0%	
92.6%	47.6	47.6	0.0	0.0%	
93.8%	47.5	47.5	0.0	0.0%	
95.1%	47.4	47.4	0.0	0.0%	
96.3%	47.3	47.3	0.0	0.0%	
97.5%	46.7	46.7	0.0	0.0%	
98.8%	46.5	46.5	0.0	0.0%	
100.0%	46.5	46.5	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	58.0	57.7	-0.3	-0.5%	
1.2%	57.7	57.3	-0.4	-0.7%	
2.5%	57.3	57.0	-0.3	-0.5%	
3.7%	57.2	56.9	-0.3	-0.5%	
4.9%	56.9	56.9	0.0	0.0%	
6.2%	56.2	56.2	0.0	0.0%	
7.4%	56.1	55.8	-0.3	-0.5%	
8.6%	55.7	55.8	0.1	0.2%	
9.9%	55.6	55.7	0.1	0.2%	
11.1%	55.5	55.7	0.2	0.4%	
12.3%	55.5	55.4	-0.1	-0.2%	
13.6%	55.2	55.1	-0.1	-0.2%	
14.8%	55.0	55.0	0.0	0.0%	
16.0%	54.9	55.0	0.1	0.2%	
17.3%	54.9	54.9	0.0	0.0%	
18.5%	54.9	54.8	-0.1	-0.2%	
19.8%	54.8	54.8	0.0	0.0%	
21.0%	54.6	54.7	0.1	0.2%	
22.2%	54.6	54.6	0.0	0.0%	
23.5%	54.5	54.5	0.0	0.0%	
24.7%	54.3	54.4	0.1	0.2%	
25.9%	54.3	54.3	0.0	0.0%	
27.2%	54.3	54.3	0.0	0.0%	
28.4%	54.3	54.3	0.0	0.0%	
29.6%	54.2	54.3	0.1	0.2%	
30.9%	54.1	54.1	0.0	0.0%	
32.1%	54.0	54.1	0.1	0.2%	
33.3%	54.0	54.0	0.0	0.0%	
34.5%	54.0	54.0	0.0	0.0%	
35.8%	54.0	54.0	0.0	0.0%	
37.0%	54.0	53.9	-0.1	-0.2%	
38.3%	53.8	53.7	-0.1	-0.2%	
39.5%	53.7	53.7	0.0	0.0%	
40.7%	53.6	53.6	0.0	0.0%	
42.0%	53.6	53.6	0.0	0.0%	
43.2%	53.4	53.5	0.1	0.2%	
44.4%	53.4	53.4	0.0	0.0%	
45.7%	53.4	53.3	-0.1	-0.2%	
46.9%	53.1	53.3	0.2	0.4%	
48.1%	53.0	53.3	0.3	0.6%	
49.4%	52.9	52.9	0.0	0.0%	
50.6%	53.0	52.9	-0.1	-0.2%	
51.9%	52.9	52.8	-0.1	-0.2%	
53.1%	52.9	52.7	-0.2	-0.4%	
54.3%	52.7	52.7	0.0	0.0%	
55.6%	52.7	52.6	-0.1	-0.2%	
56.8%	52.6	52.6	0.0	0.0%	
58.0%	52.5	52.5	0.0	0.0%	
59.3%	52.5	52.4	-0.1	-0.2%	
60.5%	52.5	52.3	-0.2	-0.4%	
61.7%	52.4	52.2	-0.2	-0.4%	
63.0%	52.2	52.2	0.0	0.0%	
64.2%	52.2	51.9	-0.3	-0.6%	
65.4%	52.0	51.8	-0.2	-0.4%	
66.7%	51.8	51.7	-0.1	-0.2%	
67.9%	51.8	51.7	-0.1	-0.2%	
69.1%	51.7	51.5	-0.2	-0.4%	
70.4%	51.6	51.5	-0.1	-0.2%	
71.6%	51.5	51.4	-0.1	-0.2%	
72.8%	51.5	51.2	-0.3	-0.6%	
74.1%	51.2	51.2	0.0	0.0%	
75.3%	51.2	51.1	-0.1	-0.2%	
76.5%	51.1	50.9	-0.2	-0.4%	
77.8%	50.9	50.9	0.0	0.0%	
79.0%	50.9	50.7	-0.2	-0.4%	
80.2%	50.7	50.7	0.0	0.0%	
81.5%	50.6	50.6	0.0	0.0%	
82.7%	50.6	50.6	0.0	0.0%	
84.0%	50.4	50.3	-0.1	-0.2%	
85.2%	50.3	50.3	0.0	0.0%	
86.4%	50.3	50.3	0.0	0.0%	
87.7%	50.2	50.2	0.0	0.0%	
88.9%	50.1	50.0	-0.1	-0.2%	
90.1%	49.7	49.6	-0.1	-0.2%	
91.4%	49.6	49.6	0.0	0.0%	
92.6%	49.3	49.3	0.0	0.0%	
93.8%	49.3	49.3	0.0	0.0%	
95.1%	49.3	49.3	0.0	0.0%	
96.3%	49.2	49.2	0.0	0.0%	
97.5%	48.9	48.8	-0.1	-0.2%	
98.8%	47.9	47.9	0.0	0.0%	
100.0%	47.9	47.9	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.9	61.5	0.6	1.0%	
1.2%	60.5	60.9	0.4	0.7%	
2.5%	60.5	60.5	0.0	0.0%	
3.7%	60.3	60.0	-0.3	-0.5%	
4.9%	60.0	60.0	0.0	0.0%	
6.2%	59.9	59.6	-0.3	-0.5%	
7.4%	59.7	59.6	-0.1	-0.2%	
8.6%	59.4	59.4	0.0	0.0%	
9.9%	59.4	59.4	0.0	0.0%	
11.1%	58.4	58.2	-0.2	-0.3%	
12.3%	58.3	58.2	-0.1	-0.2%	
13.6%	58.2	58.1	-0.1	-0.2%	
14.8%	58.2	58.1	-0.1	-0.2%	
16.0%	58.1	58.1	0.0	0.0%	
17.3%	58.1	57.9	-0.2	-0.3%	
18.5%	58.1	57.9	-0.2	-0.3%	
19.8%	57.9	57.9	0.0	0.0%	
21.0%	57.9	57.8	-0.1	-0.2%	
22.2%	57.7	57.7	0.0	0.0%	
23.5%	57.7	57.7	0.0	0.0%	
24.7%	57.7	57.6	-0.1	-0.2%	
25.9%	57.6	57.4	-0.2	-0.3%	
27.2%	57.6	57.3	-0.3	-0.5%	
28.4%	57.4	57.3	-0.1	-0.2%	
29.6%	57.3	57.2	-0.1	-0.2%	
30.9%	57.3	57.2	-0.1	-0.2%	
32.1%	57.2	57.2	0.0	0.0%	
33.3%	57.2	57.1	-0.1	-0.2%	
34.5%	57.1	57.1	0.0	0.0%	
35.8%	57.1	57.0	-0.1	-0.2%	
37.0%	57.0	56.9	-0.1	-0.2%	
38.3%	56.9	56.9	0.0	0.0%	
39.5%	56.9	56.9	0.0	0.0%	
40.7%	56.9	56.9	0.0	0.0%	
42.0%	56.9	56.8	-0.1	-0.2%	
43.2%	56.8	56.8	0.0	0.0%	
44.4%	56.8	56.8	0.0	0.0%	
45.7%	56.8	56.7	-0.1	-0.2%	
46.9%	56.7	56.7	0.0	0.0%	
48.1%	56.6	56.6	0.0	0.0%	
49.4%	56.6	56.6	0.0	0.0%	
50.6%	56.6	56.5	-0.1	-0.2%	
51.9%	56.5	56.4	-0.1	-0.2%	
53.1%	56.4	56.4	0.0	0.0%	
54.3%	56.4	56.3	-0.1	-0.2%	
55.6%	56.3	56.3	0.0	0.0%	
56.8%	56.3	56.3	0.0	0.0%	
58.0%	56.3	56.2	-0.1	-0.2%	
59.3%	56.3	56.2	-0.1	-0.2%	
60.5%	56.2	56.1	-0.1	-0.2%	
61.7%	56.1	56.0	-0.1	-0.2%	
63.0%	56.0	56.0	0.0	0.0%	
64.2%	55.9	55.9	0.0	0.0%	
65.4%	55.8	55.8	0.0	0.0%	
66.7%	55.8	55.8	0.0	0.0%	
67.9%	55.7	55.7	0.0	0.0%	
69.1%	55.7	55.7	0.0	0.0%	
70.4%	55.6	55.7	0.1	0.2%	
71.6%	55.6	55.6	0.0	0.0%	
72.8%	55.6	55.6	0.0	0.0%	
74.1%	55.5	55.5	0.0	0.0%	
75.3%	55.4	55.4	0.0	0.0%	
76.5%	55.2	55.2	0.0	0.0%	
77.8%	55.0	55.0	0.0	0.0%	
79.0%	54.9	54.9	0.0	0.0%	
80.2%	54				

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

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	71.6	71.6	0.0	0.0%
1.2%	70.8	71.5	0.7	1.0%
2.5%	70.3	70.5	0.2	0.3%
3.7%	70.0	69.7	-0.3	-0.4%
4.9%	69.9	69.7	-0.2	-0.3%
6.2%	69.8	69.6	-0.2	-0.3%
7.4%	69.5	69.5	0.0	0.0%
8.6%	69.5	69.5	0.0	0.0%
9.9%	69.3	69.5	0.2	0.3%
11.1%	69.3	69.3	0.0	0.0%
12.3%	69.3	69.3	0.0	0.0%
13.6%	69.1	69.3	0.2	0.3%
14.8%	69.1	69.2	0.1	0.1%
16.0%	69.0	69.1	0.1	0.1%
17.3%	69.0	69.1	0.1	0.1%
18.5%	69.0	69.1	0.1	0.1%
19.8%	69.0	68.9	-0.1	-0.1%
21.0%	68.9	68.8	-0.1	-0.1%
22.2%	68.8	68.7	-0.1	-0.1%
23.5%	68.7	68.7	0.0	0.0%
24.7%	68.7	68.7	0.0	0.0%
25.9%	68.7	68.7	0.0	0.0%
27.2%	68.3	68.5	0.2	0.3%
28.4%	68.2	68.5	0.3	0.4%
29.6%	68.1	68.3	0.2	0.3%
30.9%	68.1	68.3	0.2	0.3%
32.1%	68.1	68.2	0.1	0.1%
33.3%	68.1	68.2	0.1	0.1%
34.5%	68.0	68.2	0.2	0.3%
35.8%	68.0	68.1	0.1	0.1%
37.0%	68.0	68.0	0.0	0.0%
38.3%	67.9	68.0	0.1	0.1%
39.5%	67.8	67.9	0.1	0.1%
40.7%	67.7	67.8	0.1	0.1%
42.0%	67.5	67.6	0.1	0.1%
43.2%	67.6	67.5	-0.1	-0.1%
44.4%	67.5	67.5	0.0	0.0%
45.7%	67.5	67.5	0.0	0.0%
46.9%	67.4	67.4	0.0	0.0%
48.1%	67.3	67.4	0.1	0.1%
49.4%	67.3	67.2	-0.1	-0.1%
50.6%	67.2	67.2	0.0	0.0%
51.9%	67.1	67.2	0.1	0.1%
53.1%	67.1	67.2	0.1	0.1%
54.3%	67.1	67.1	0.0	0.0%
55.6%	67.0	67.0	0.0	0.0%
56.8%	66.9	67.0	0.1	0.1%
58.0%	66.8	66.9	0.1	0.1%
59.3%	66.8	66.9	0.1	0.1%
60.5%	66.8	66.9	0.1	0.1%
61.7%	66.6	66.8	0.2	0.3%
63.0%	66.4	66.7	0.3	0.5%
64.2%	66.3	66.5	0.2	0.3%
65.4%	66.3	66.4	0.1	0.2%
66.7%	66.3	66.4	0.1	0.2%
67.9%	66.2	66.3	0.1	0.2%
69.1%	66.0	66.3	0.3	0.5%
70.4%	65.8	66.2	0.4	0.6%
71.6%	65.8	66.2	0.4	0.6%
72.8%	65.8	66.2	0.4	0.6%
74.1%	65.8	65.9	0.1	0.2%
75.3%	65.7	65.8	0.1	0.2%
76.5%	65.5	65.7	0.2	0.3%
77.8%	65.4	65.6	0.2	0.3%
79.0%	65.4	65.4	0.0	0.0%
80.2%	65.3	65.4	0.1	0.2%
81.5%	65.1	65.2	0.1	0.2%
82.7%	65.0	65.1	0.1	0.2%
84.0%	65.0	65.0	0.0	0.0%
85.2%	64.8	64.8	0.0	0.0%
86.4%	64.6	64.8	0.2	0.3%
87.7%	64.6	64.8	0.2	0.3%
88.9%	64.4	64.3	-0.1	-0.2%
90.1%	64.0	64.2	0.2	0.3%
91.4%	63.6	64.1	0.5	0.8%
92.6%	63.4	63.4	0.0	0.0%
93.8%	63.2	63.3	0.1	0.2%
95.1%	61.9	61.9	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%	60.0	60.0	0.0	0.0%
100.0%	60.0	60.0	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.3	74.0	-0.3	-0.4%
1.2%	74.2	73.9	-0.3	-0.4%
2.5%	74.0	73.4	-0.6	-0.8%
3.7%	73.3	72.7	-0.6	-0.8%
4.9%	73.0	72.6	-0.4	-0.5%
6.2%	72.6	72.6	0.0	0.0%
7.4%	72.3	72.6	0.3	0.4%
8.6%	72.2	72.5	0.3	0.4%
9.9%	71.7	72.2	0.5	0.7%
11.1%	71.0	71.8	0.8	1.1%
12.3%	70.8	70.6	-0.2	-0.3%
13.6%	70.7	69.9	-0.8	-1.1%
14.8%	69.8	69.6	-0.2	-0.3%
16.0%	69.8	69.5	-0.3	-0.4%
17.3%	69.6	69.5	-0.1	-0.1%
18.5%	69.4	69.4	-0.2	-0.3%
19.8%	69.2	69.4	0.2	0.3%
21.0%	69.2	69.3	0.1	0.1%
22.2%	69.2	69.3	0.1	0.1%
23.5%	69.1	69.3	0.2	0.3%
24.7%	69.1	69.2	0.1	0.1%
25.9%	69.1	69.2	0.1	0.1%
27.2%	69.1	69.2	0.1	0.1%
28.4%	69.1	69.2	0.1	0.1%
29.6%	69.1	69.1	0.0	0.0%
30.9%	69.1	69.1	0.0	0.0%
32.1%	69.1	69.0	-0.1	-0.1%
33.3%	69.0	69.0	0.0	0.0%
34.5%	69.0	68.8	-0.2	-0.3%
35.8%	68.9	68.8	-0.1	-0.1%
37.0%	68.8	68.8	0.0	0.0%
38.3%	68.7	68.7	0.0	0.0%
39.5%	68.7	68.7	0.0	0.0%
40.7%	68.7	68.7	0.0	0.0%
42.0%	68.6	68.7	0.1	0.1%
43.2%	68.6	68.7	0.1	0.1%
44.4%	68.5	68.6	0.1	0.1%
45.7%	68.5	68.6	0.1	0.1%
46.9%	68.5	68.6	0.1	0.1%
48.1%	68.4	68.6	0.2	0.3%
49.4%	68.4	68.5	0.1	0.1%
50.6%	68.3	68.5	0.2	0.3%
51.9%	68.3	68.4	0.1	0.1%
53.1%	68.3	68.4	0.1	0.1%
54.3%	68.3	68.4	0.1	0.1%
55.6%	68.2	68.3	0.1	0.1%
56.8%	68.1	68.3	0.2	0.3%
58.0%	68.0	68.2	0.2	0.3%
59.3%	68.0	68.2	0.2	0.3%
60.5%	68.0	68.1	0.1	0.1%
61.7%	67.9	68.0	0.1	0.1%
63.0%	67.9	68.0	0.1	0.1%
64.2%	67.8	67.7	-0.1	-0.1%
65.4%	67.8	67.7	-0.1	-0.1%
66.7%	67.8	67.7	-0.1	-0.1%
67.9%	67.7	67.6	-0.1	-0.1%
69.1%	67.7	67.6	-0.1	-0.1%
70.4%	67.6	67.6	0.0	0.0%
71.6%	67.6	67.6	0.0	0.0%
72.8%	67.5	67.5	0.0	0.0%
74.1%	67.5	67.5	0.0	0.0%
75.3%	67.5	67.5	0.0	0.0%
76.5%	67.3	67.4	0.1	0.1%
77.8%	67.3	67.4	0.1	0.1%
79.0%	67.2	67.3	0.1	0.1%
80.2%	67.2	67.2	0.0	0.0%
81.5%	67.1	67.2	0.1	0.1%
82.7%	67.0	67.2	0.2	0.3%
84.0%	66.9	67.0	0.1	0.1%
85.2%	66.9	67.0	0.1	0.1%
86.4%	66.8	66.9	0.1	0.1%
87.7%	66.8	66.8	0.0	0.0%
88.9%	66.7	66.8	0.1	0.1%
90.1%	66.7	66.7	0.0	0.0%
91.4%	66.5	66.5	0.0	0.0%
92.6%	66.4	66.4	0.0	0.0%
93.8%	66.4	66.4	0.0	0.0%
95.1%	66.4	66.4	0.0	0.0%
96.3%	66.3	66.3	0.0	0.0%
97.5%	66.4	66.3	-0.1	-0.2%
98.8%	66.3	66.2	-0.1	-0.2%
100.0%	66.3	66.2	-0.1	-0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	76.1	75.3	-0.8	-1.1%
1.2%	74.8	74.6	-0.2	-0.3%
2.5%	73.6	73.7	0.1	0.1%
3.7%	73.5	73.5	0.0	0.0%
4.9%	73.4	72.2	-1.2	-1.6%
6.2%	73.2	72.0	-1.2	-1.6%
7.4%	71.9	71.9	0.0	0.0%
8.6%	71.2	71.9	0.7	1.0%
9.9%	71.2	71.7	0.5	0.7%
11.1%	71.0	71.4	0.4	0.6%
12.3%	70.6	71.4	0.8	1.1%
13.6%	70.5	71.2	0.7	1.0%
14.8%	70.5	71.0	0.5	0.7%
16.0%	70.5	71.0	0.5	0.7%
17.3%	70.3	71.0	0.7	1.0%
18.5%	70.3	70.9	0.6	0.9%
19.8%	70.1	70.8	0.7	1.0%
21.0%	70.1	70.4	0.3	0.4%
22.2%	70.1	70.3	0.2	0.3%
23.5%	70.1	70.2	0.1	0.1%
24.7%	70.0	70.2	0.2	0.3%
25.9%	70.1	70.1	0.0	0.0%
27.2%	69.8	70.1	0.3	0.4%
28.4%	69.8	70.0	0.2	0.3%
29.6%	69.7	70.0	0.3	0.4%
30.9%	69.6	70.0	0.4	0.6%
32.1%	69.6	69.9	0.3	0.4%
33.3%	69.4	69.9	0.5	0.7%
34.5%	69.4	69.8	0.4	0.6%
35.8%	69.3	69.7	0.4	0.6%
37.0%	69.3	69.5	0.2	0.3%
38.3%	69.2	69.3	0.1	0.1%
39.5%	69.0	69.1	0.1	0.1%
40.7%	68.9	69.1	0.2	0.3%
42.0%	68.7	69.1	0.4	0.5%
43.2%	68.7	68.7	0.0	0.0%
44.4%	68.7	68.6	-0.1	-0.1%
45.7%	68.6	68.4	-0.2	-0.3%
46.9%	68.5	68.4	-0.1	-0.1%
48.1%	68.5	68.3	-0.2	-0.3%
49.4%	68.4	68.0	-0.4	-0.6%
50.6%	68.4	67.9	-0.5	-0.7%
51.9%	68.4	67.8	-0.6	-0.9%
53.1%	68.3	67.8	-0.5	-0.7%
54.3%	68.3	67.8	-0.5	-0.7%
55.6%	68.2	67.7	-0.5	-0.7%
56.8%	68.2	67.7	-0.5	-0.7%
58.0%	67.7	67.7	0.0	0.0%
59.3%	67.7	67.6	-0.1	-0.1%
60.5%	67.7	67.5	-0.2	-0.3%
61.7%	67.6	67.5	-0.1	-0.1%
63.0%	67.5	67.4	-0.1	-0.1%
64.2%	67.5	67.3	-0.2	-0.3%
65.4%	67.3	67.3	0.0	0.0%
66.7%	67.3	67.2	-0.1	-0.1%
67.9%	67.3	67.2	-0.1	-0.1%
69.1%	67.2	67.1	-0.1	-0.1%
70.4%	67.2	67.0	-0.2	-0.3%
71.6%	67.2	67.0	-0.2	-0.3%
72.8%	67.2	66.9	-0.3	-0.4%
74.1%	67.0	66.9	-0.1	-0.1%
75.3%	66.9	66.8	-0.1	-0.1%
76.5%	66.8	66.7	-0.1	-0.1%
77.8%	66.7	66.6	-0.1	-0.1%
79.0%	66.6	66.6	0.0	0.0%
80.2%	66.6	66.6	0.0	0.0%
81.5%	66.5	66.6	0.1	0.2%
82.7%	66.5	66.6	0.1	0.2%
84.0%	66.4	66.5	0.1	0.2%
85.2%	66.3	66.5	0.2	0.3%
86.4%	66.3	66.5	0.2	0.3%
87.7%	66.3	66.3	0.0	0.0%
88.9%	66.0	66.3	0.3	0.5%
90.1%	66.0	66.3	0.3	0.5%
91.4%	65.9	66.1	0.2	0.3%
92.6%	65.9	65.9	0.0	0.0%
93.8%	65.7	65.8	0.1	0.2%
95.1%	65.7	65.7	0.0	0.0%
96.3%	65.7	65.3	-0.4	-0.6%
97.5%	65.5	65.4	-0.1	-0.2%
98.8%	65.4	65.2	-0.2	-0.3%
100.0%	65.4	65.2	-0.2	-0.3%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6
Alternative C	61.3	52.5	46.1	45.8	50.2	54.6	60.7	66.5	71.4	73.2	72.6	68.4
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Percent Difference	0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	-0.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7
Alternative C	60.8	52.8	46.5	46.6	50.0	53.3	58.6	64.5	69.6	73.5	73.1	66.6
Difference	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.3%	0.1%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.1%
Above Normal (15%)												
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8
Alternative C	60.6	51.5	45.9	46.0	50.1	54.4	60.5	66.4	71.3	72.0	71.2	66.7
Difference	0.1	0.0	-0.2	0.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.1	-0.1
Percent Difference	0.1%	0.0%	-0.4%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	0.0%	0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0
Alternative C	61.4	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.6	72.7	72.1	69.9
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	-0.1
Percent Difference	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	-0.5%	-0.6%
Dry (22%)												
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2
Alternative C	61.8	52.7	46.2	44.8	50.2	55.4	62.0	67.9	73.0	72.8	71.7	69.8
Difference	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-0.3	-0.4
Percent Difference	0.3%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	-0.5%	-0.6%
Critical (15%)												
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3
Alternative C	62.4	52.6	45.7	45.4	51.0	55.7	63.2	68.1	72.4	74.8	74.5	70.1
Difference	-0.2	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	-0.3	-0.3
Percent Difference	-0.3%	-0.1%	0.0%	0.1%	-0.1%	0.0%	0.1%	0.0%	0.0%	-0.2%	-0.3%	-0.4%

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

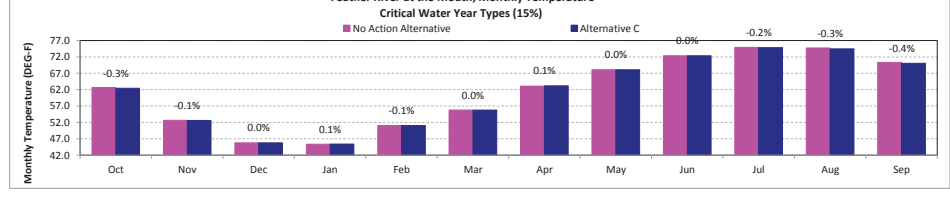
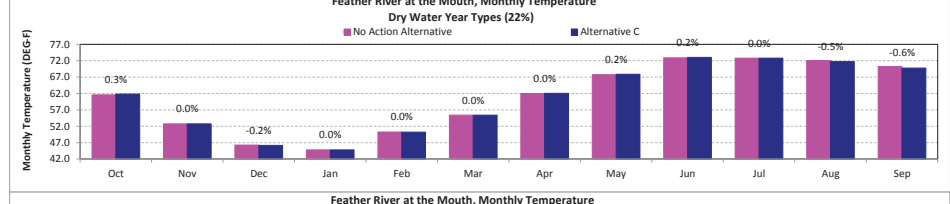
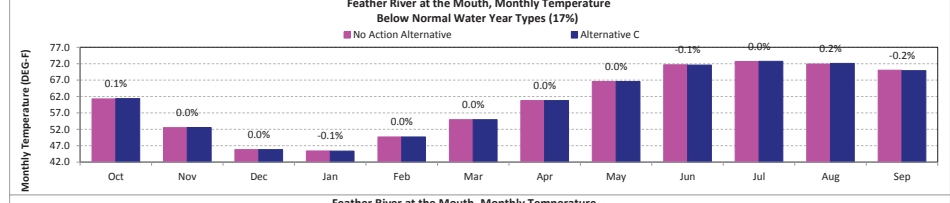
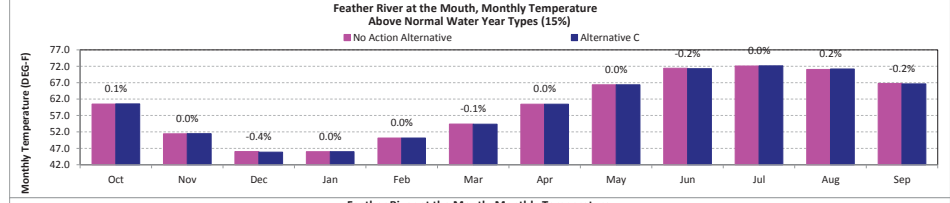
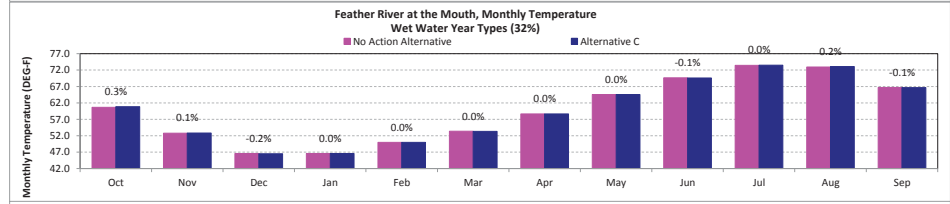
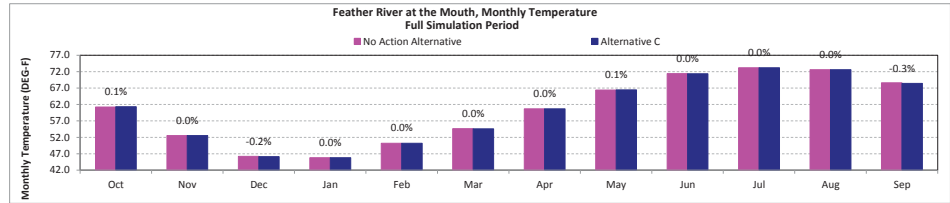


Figure SQ-17-7b
 Feather River at the Mouth, Monthly Temperature
 Probability of Exceedance

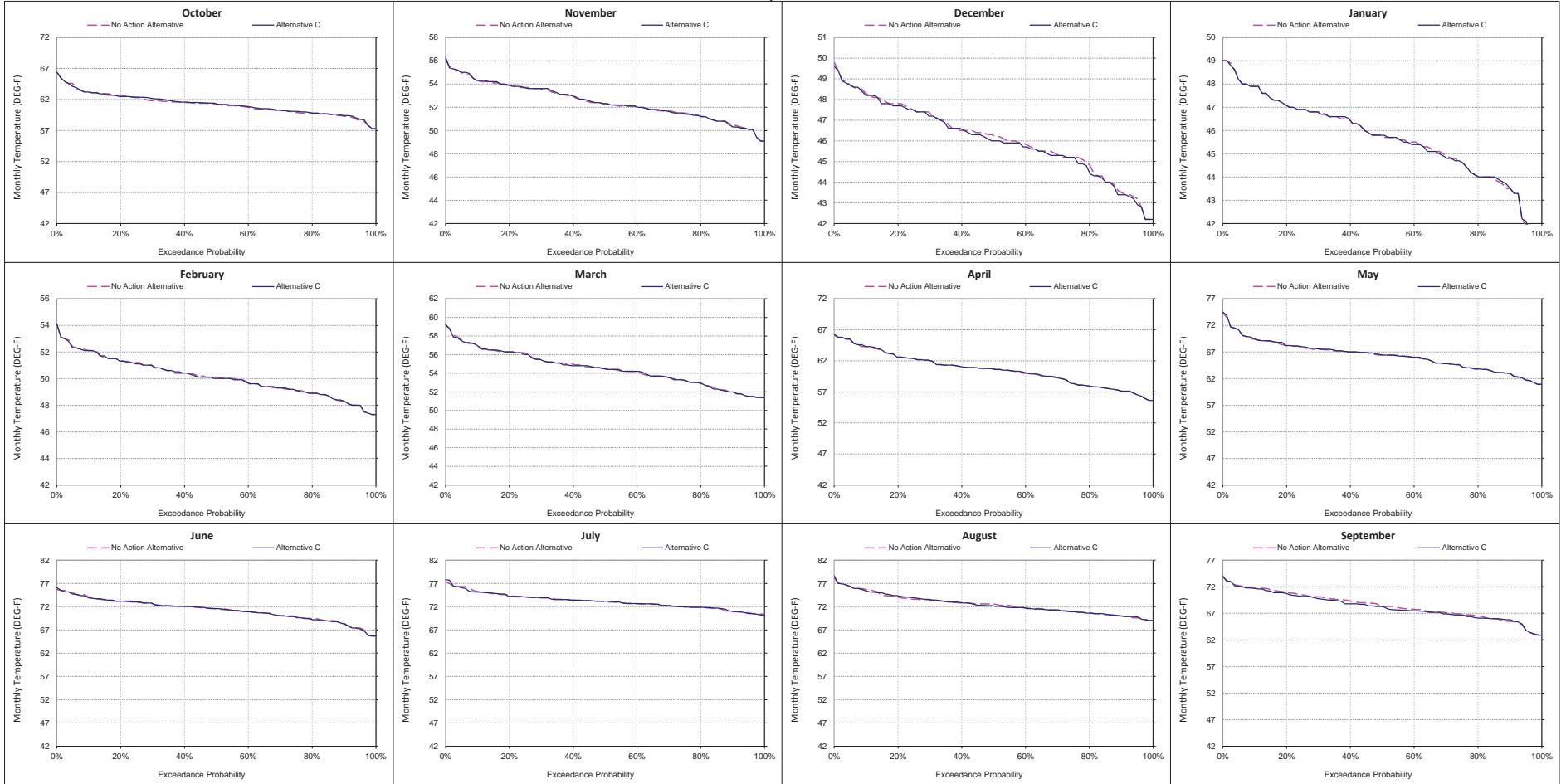


Table SQ-17-7b
Feather River at the Mouth, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.4	66.4	0.0	0.0%	
1.2%	65.5	65.5	0.0	0.0%	
2.5%	64.9	64.9	0.1	0.2%	
3.7%	64.6	64.6	0.0	0.0%	
4.9%	64.6	64.1	-0.5	-0.8%	
6.2%	63.6	63.9	0.3	0.5%	
7.4%	63.5	63.5	0.0	0.0%	
8.6%	63.2	63.2	0.0	0.0%	
9.9%	63.2	63.2	0.0	0.0%	
11.1%	63.1	63.1	0.0	0.0%	
12.3%	63.1	63.1	0.0	0.0%	
13.6%	63.0	62.9	-0.1	-0.2%	
14.8%	62.9	62.9	0.0	0.0%	
16.0%	62.7	62.9	0.2	0.3%	
17.3%	62.7	62.7	0.0	0.0%	
18.5%	62.6	62.6	-0.1	-0.2%	
19.8%	62.7	62.5	-0.2	-0.3%	
21.0%	62.6	62.5	-0.1	-0.2%	
22.2%	62.5	62.5	0.0	0.0%	
23.5%	62.4	62.4	0.0	0.0%	
24.7%	62.3	62.4	0.1	0.2%	
25.9%	62.3	62.4	0.1	0.2%	
27.2%	62.1	62.3	0.2	0.3%	
28.4%	61.9	62.3	0.4	0.6%	
29.6%	61.8	62.2	0.4	0.6%	
30.9%	61.8	62.1	0.3	0.5%	
32.1%	61.8	62.1	0.3	0.5%	
33.3%	61.7	62.0	0.3	0.5%	
34.5%	61.7	61.9	0.2	0.3%	
35.8%	61.6	61.8	0.2	0.3%	
37.0%	61.6	61.7	0.1	0.2%	
38.3%	61.6	61.6	0.0	0.0%	
39.5%	61.5	61.6	0.1	0.2%	
40.7%	61.5	61.6	0.1	0.2%	
42.0%	61.5	61.5	0.0	0.0%	
43.2%	61.4	61.5	0.1	0.2%	
44.4%	61.4	61.5	0.1	0.2%	
45.7%	61.4	61.5	0.1	0.2%	
46.9%	61.4	61.4	0.0	0.0%	
48.1%	61.3	61.4	0.1	0.2%	
49.4%	61.2	61.4	0.2	0.3%	
50.6%	61.2	61.2	0.0	0.0%	
51.9%	61.1	61.2	0.1	0.2%	
53.1%	61.0	61.2	0.2	0.3%	
54.3%	61.0	61.1	0.1	0.2%	
55.6%	61.0	61.1	0.1	0.2%	
56.8%	60.9	61.0	0.1	0.2%	
58.0%	60.9	61.0	0.1	0.2%	
59.3%	60.8	60.9	0.1	0.2%	
60.5%	60.7	60.8	0.1	0.2%	
61.7%	60.5	60.7	0.2	0.3%	
63.0%	60.5	60.6	0.1	0.2%	
64.2%	60.4	60.5	0.1	0.2%	
65.4%	60.4	60.5	0.1	0.2%	
66.7%	60.4	60.5	0.1	0.2%	
67.9%	60.3	60.4	0.1	0.2%	
69.1%	60.2	60.3	0.1	0.2%	
70.4%	60.2	60.2	0.0	0.0%	
71.6%	60.2	60.2	0.0	0.0%	
72.8%	60.1	60.1	0.0	0.0%	
74.1%	59.9	60.1	0.2	0.3%	
75.3%	59.9	60.1	0.2	0.3%	
76.5%	59.8	60.0	0.2	0.3%	
77.8%	59.8	60.0	0.2	0.3%	
79.0%	59.8	59.9	0.1	0.2%	
80.2%	59.8	59.8	0.0	0.0%	
81.5%	59.8	59.8	0.0	0.0%	
82.7%	59.8	59.7	-0.1	-0.2%	
84.0%	59.7	59.7	0.0	0.0%	
85.2%	59.7	59.6	-0.1	-0.2%	
86.4%	59.5	59.6	0.1	0.2%	
87.7%	59.4	59.6	0.2	0.3%	
88.9%	59.4	59.5	0.1	0.2%	
90.1%	59.3	59.4	0.1	0.2%	
91.4%	59.3	59.4	0.1	0.2%	
92.6%	59.1	59.3	0.2	0.3%	
93.8%	58.8	59.0	0.2	0.3%	
95.1%	58.6	58.8	0.2	0.3%	
96.3%	58.4	58.7	0.3	0.5%	
97.5%	57.8	58.0	0.2	0.3%	
98.8%	57.3	57.3	0.0	0.0%	
100.0%	57.3	57.3	0.0	0.0%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.1	56.3	0.2	0.4%	
1.2%	55.5	55.4	-0.1	-0.2%	
2.5%	55.3	55.3	0.0	0.0%	
3.7%	55.2	55.2	0.0	0.0%	
4.9%	55.0	55.0	0.0	0.0%	
6.2%	54.8	55.0	0.2	0.4%	
7.4%	54.8	54.9	0.1	0.2%	
8.6%	54.5	54.5	0.0	0.0%	
9.9%	54.3	54.3	0.0	0.0%	
11.1%	54.2	54.3	0.1	0.2%	
12.3%	54.2	54.3	0.1	0.2%	
13.6%	54.2	54.2	0.0	0.0%	
14.8%	54.1	54.2	0.1	0.2%	
16.0%	54.1	54.2	0.1	0.2%	
17.3%	54.0	54.0	0.0	0.0%	
18.5%	53.9	54.0	0.1	0.2%	
19.8%	53.9	53.9	0.0	0.0%	
21.0%	53.9	53.8	-0.1	-0.2%	
22.2%	53.8	53.8	0.0	0.0%	
23.5%	53.7	53.8	0.1	0.2%	
24.7%	53.7	53.7	0.0	0.0%	
25.9%	53.7	53.7	-0.1	-0.2%	
27.2%	53.6	53.6	0.0	0.0%	
28.4%	53.6	53.6	0.0	0.0%	
29.6%	53.6	53.6	0.0	0.0%	
30.9%	53.5	53.6	0.1	0.2%	
32.1%	53.5	53.6	0.1	0.2%	
33.3%	53.3	53.4	0.1	0.2%	
34.5%	53.2	53.3	0.1	0.2%	
35.8%	53.1	53.1	0.0	0.0%	
37.0%	53.1	53.1	0.0	0.0%	
38.3%	53.0	53.1	0.1	0.2%	
39.5%	53.0	53.0	0.0	0.0%	
40.7%	52.8	52.9	0.1	0.2%	
42.0%	52.7	52.7	0.0	0.0%	
43.2%	52.6	52.7	0.1	0.2%	
44.4%	52.5	52.6	0.1	0.2%	
45.7%	52.4	52.5	0.1	0.2%	
46.9%	52.4	52.4	0.0	0.0%	
48.1%	52.4	52.4	0.0	0.0%	
49.4%	52.3	52.3	0.0	0.0%	
50.6%	52.3	52.3	0.0	0.0%	
51.9%	52.2	52.2	0.0	0.0%	
53.1%	52.2	52.2	0.0	0.0%	
54.3%	52.1	52.2	0.1	0.2%	
55.6%	52.1	52.2	0.1	0.2%	
56.8%	52.1	52.1	0.0	0.0%	
58.0%	52.1	52.1	0.0	0.0%	
59.3%	52.1	52.1	0.0	0.0%	
60.5%	52.0	52.0	0.0	0.0%	
61.7%	52.0	52.0	0.0	0.0%	
63.0%	51.9	51.9	0.0	0.0%	
64.2%	51.8	51.8	0.0	0.0%	
65.4%	51.8	51.8	0.0	0.0%	
66.7%	51.7	51.8	0.1	0.2%	
67.9%	51.7	51.7	0.0	0.0%	
69.1%	51.7	51.7	0.0	0.0%	
70.4%	51.7	51.6	-0.1	-0.2%	
71.6%	51.6	51.5	-0.1	-0.2%	
72.8%	51.5	51.5	0.0	0.0%	
74.1%	51.5	51.5	0.0	0.0%	
75.3%	51.5	51.4	-0.1	-0.2%	
76.5%	51.4	51.4	0.0	0.0%	
77.8%	51.4	51.3	-0.1	-0.2%	
79.0%	51.3	51.3	0.0	0.0%	
80.2%	51.2	51.2	0.0	0.0%	
81.5%	51.2	51.2	0.0	0.0%	
82.7%	51.0	51.0	0.0	0.0%	
84.0%	50.9	50.9	0.0	0.0%	
85.2%	50.8	50.8	0.0	0.0%	
86.4%	50.8	50.8	0.0	0.0%	
87.7%	50.8	50.8	0.0	0.0%	
88.9%	50.6	50.5	-0.1	-0.2%	
90.1%	50.5	50.3	-0.2	-0.4%	
91.4%	50.4	50.3	-0.1	-0.2%	
92.6%	50.3	50.2	-0.1	-0.2%	
93.8%	50.2	50.2	0.0	0.0%	
95.1%	50.1	50.1	0.0	0.0%	
96.3%	50.1	50.1	0.0	0.0%	
97.5%	49.4	49.4	0.0	0.0%	
98.8%	49.1	49.1	0.0	0.0%	
100.0%	49.1	49.1	0.0	0.0%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	49.8	49.6	-0.2	-0.4%	
1.2%	49.4	49.4	0.0	0.0%	
2.5%	48.9	48.9	0.0	0.0%	
3.7%	48.9	48.8	-0.1	-0.2%	
4.9%	48.7	48.7	0.0	0.0%	
6.2%	48.6	48.6	0.0	0.0%	
7.4%	48.5	48.6	0.1	0.2%	
8.6%	48.5	48.4	-0.1	-0.2%	
9.9%	48.3	48.2	-0.1	-0.2%	
11.1%	48.2	48.2	0.0	0.0%	
12.3%	48.1	48.2	0.1	0.2%	
13.6%	48.1	48.1	0.0	0.0%	
14.8%	48.0	47.8	-0.2	-0.4%	
16.0%	47.9	47.8	-0.1	-0.2%	
17.3%	47.8	47.8	0.0	0.0%	
18.5%	47.8	47.7	-0.1	-0.2%	
19.8%	47.8	47.7	-0.1	-0.2%	
21.0%	47.8	47.7	-0.1	-0.2%	
22.2%	47.7	47.6	-0.1	-0.2%	
23.5%	47.6	47.5	-0.1	-0.2%	
24.7%	47.5	47.5	0.0	0.0%	
25.9%	47.4	47.4	0.0	0.0%	
27.2%	47.4	47.4	0.0	0.0%	
28.4%	47.4	47.4	0.0	0.0%	
29.6%	47.4	47.2	-0.2	-0.4%	
30.9%	47.2	47.2	0.0	0.0%	
32.1%	47.1	47.1	0.0	0.0%	
33.3%	47.0	47.0	0.0	0.0%	
34.5%	46.9	46.9	-0.1	-0.2%	
35.8%	46.8	46.6	-0.2	-0.4%	
37.0%	46.6	46.6	0.0	0.0%	
38.3%	46.6	46.6	0.0	0.0%	
39.5%	46.5	46.6	0.1	0.2%	
40.7%	46.5	46.5	0.0	0.0%	
42.0%	46.5	46.4	-0.1	-0.2%	
43.2%	46.5	46.3	-0.2	-0.4%	
44.4%	46.4	46.3	-0.1	-0.2%	
45.7%	46.4	46.3	-0.1	-0.2%	
46.9%	46.4	46.2	-0.2	-0.4%	
48.1%	46.3	46.1	-0.2	-0.4%	
49.4%	46.3	46.2	-0.1	-0.2%	
50.6%	46.0	46.0	-0.2	-0.4%	
51.9%	46.2	46.0	-0.2	-0.4%	
53.1%	46.1	45.9	-0.2	-0.4%	
54.3%	46.0	45.9	-0.1	-0.2%	
55.6%	46.0	45.9	-0.1	-0.2%	
56.8%	46.0	45.9	-0.1	-0.2%	
58.0%	45.9	45.9	0.0	0.0%	
59.3%	45.9	45.7	-0.2	-0.4%	
60.5%	45.8	45.7	-0.1	-0.2%	
61.7%	45.7	45.6	-0.1	-0.2%	
63.0%	45.6	45.6	0.0	0.0%	
64.2%	45.5	45.5	0.0	0.0%	
65.4%	45.5	45.5	0.0	0.0%	
66.7%	45.5	45.4	-0.1	-0.2%	
67.9%	45.5	45.3	-0.2	-0.4%	
69.1%	45.4	45.3	-0.1	-0.2%	
70.4%	45.3	45.3	0.0	0.0%	
71.6%	45.2	45.3	0.1	0.2%	
72.8%	45.2	45.2	0.0	0.0%	
74.1%	45.2	45.2	0.0	0.0%	
75.3%	45.2	45.2	0.0	0.0%	
76.5%	45.2	44.9	-0.3	-0.7%	
77.8%	45.1	44.9	-0.2	-0.4%	
79.0%	45.0	44.8	-0.2	-0.4%	
80.2%	44.8				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.1	54.1	0.0	0.0%	
1.2%	53.1	53.1	0.0	0.0%	
2.5%	53.0	53.0	0.0	0.0%	
3.7%	52.9	52.8	-0.1	-0.2%	
4.9%	52.4	52.3	-0.1	-0.2%	
6.2%	52.3	52.3	0.0	0.0%	
7.4%	52.2	52.2	0.0	0.0%	
8.6%	52.2	52.1	-0.1	-0.2%	
9.9%	52.1	52.1	0.0	0.0%	
11.1%	52.1	52.1	0.0	0.0%	
12.3%	52.1	52.0	-0.1	-0.2%	
13.6%	51.7	51.7	0.0	0.0%	
14.8%	51.6	51.7	0.1	0.2%	
16.0%	51.5	51.5	0.0	0.0%	
17.3%	51.5	51.5	0.0	0.0%	
18.5%	51.5	51.5	0.0	0.0%	
19.8%	51.4	51.3	-0.1	-0.2%	
21.0%	51.3	51.3	0.0	0.0%	
22.2%	51.3	51.2	-0.1	-0.2%	
23.5%	51.2	51.2	0.0	0.0%	
24.7%	51.2	51.1	-0.1	-0.2%	
25.9%	51.1	51.1	0.0	0.0%	
27.2%	51.0	51.0	0.0	0.0%	
28.4%	51.0	51.0	0.0	0.0%	
29.6%	51.0	51.0	0.0	0.0%	
30.9%	50.8	50.8	0.0	0.0%	
32.1%	50.8	50.8	0.0	0.0%	
33.3%	50.7	50.7	0.0	0.0%	
34.5%	50.6	50.6	0.0	0.0%	
35.8%	50.6	50.6	0.0	0.0%	
37.0%	50.4	50.5	0.1	0.2%	
38.3%	50.4	50.5	0.1	0.2%	
39.5%	50.4	50.4	0.0	0.0%	
40.7%	50.4	50.4	0.0	0.0%	
42.0%	50.4	50.3	-0.1	-0.2%	
43.2%	50.3	50.2	-0.1	-0.2%	
44.4%	50.2	50.1	-0.1	-0.2%	
45.7%	50.2	50.1	-0.1	-0.2%	
46.9%	50.1	50.1	0.0	0.0%	
48.1%	50.1	50.1	0.0	0.0%	
49.4%	50.1	50.0	-0.1	-0.2%	
50.6%	50.1	50.0	-0.1	-0.2%	
51.9%	50.0	50.0	0.0	0.0%	
53.1%	50.0	50.0	0.0	0.0%	
54.3%	50.0	50.0	0.0	0.0%	
55.6%	50.0	49.9	-0.1	-0.2%	
56.8%	49.9	49.9	0.0	0.0%	
58.0%	49.9	49.9	0.0	0.0%	
59.3%	49.8	49.7	-0.1	-0.2%	
60.5%	49.6	49.6	0.0	0.0%	
61.7%	49.6	49.6	0.0	0.0%	
63.0%	49.6	49.6	0.0	0.0%	
64.2%	49.4	49.4	0.0	0.0%	
65.4%	49.4	49.4	0.0	0.0%	
66.7%	49.4	49.4	0.0	0.0%	
67.9%	49.3	49.4	0.1	0.2%	
69.1%	49.3	49.3	0.0	0.0%	
70.4%	49.3	49.3	0.0	0.0%	
71.6%	49.2	49.3	0.1	0.2%	
72.8%	49.2	49.2	0.0	0.0%	
74.1%	49.1	49.2	0.1	0.2%	
75.3%	49.1	49.1	0.0	0.0%	
76.5%	49.1	49.0	-0.1	-0.2%	
77.8%	49.0	49.0	0.0	0.0%	
79.0%	48.9	48.9	0.0	0.0%	
80.2%	48.9	48.9	0.0	0.0%	
81.5%	48.9	48.9	0.0	0.0%	
82.7%	48.8	48.8	0.0	0.0%	
84.0%	48.8	48.8	0.0	0.0%	
85.2%	48.7	48.7	0.0	0.0%	
86.4%	48.5	48.5	0.0	0.0%	
87.7%	48.4	48.4	0.0	0.0%	
88.9%	48.3	48.4	0.1	0.2%	
90.1%	48.3	48.3	0.0	0.0%	
91.4%	48.1	48.1	0.0	0.0%	
92.6%	48.0	48.0	0.0	0.0%	
93.8%	48.0	48.0	0.0	0.0%	
95.1%	48.0	48.0	0.0	0.0%	
96.3%	47.5	47.5	0.0	0.0%	
97.5%	47.4	47.4	0.0	0.0%	
98.8%	47.3	47.3	0.0	0.0%	
100.0%	47.3	47.3	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.2	59.2	0.0	0.0%	
1.2%	58.8	58.8	0.0	0.0%	
2.5%	58.1	57.9	-0.2	-0.3%	
3.7%	57.8	57.8	0.0	0.0%	
4.9%	57.6	57.5	-0.1	-0.2%	
6.2%	57.3	57.3	0.0	0.0%	
7.4%	57.2	57.3	0.1	0.2%	
8.6%	57.2	57.2	0.0	0.0%	
9.9%	57.1	57.0	-0.1	-0.2%	
11.1%	56.8	56.8	0.0	0.0%	
12.3%	56.6	56.6	0.0	0.0%	
13.6%	56.6	56.5	-0.1	-0.2%	
14.8%	56.5	56.5	0.0	0.0%	
16.0%	56.4	56.5	0.1	0.2%	
17.3%	56.3	56.4	0.1	0.2%	
18.5%	56.3	56.3	0.0	0.0%	
19.8%	56.3	56.3	0.0	0.0%	
21.0%	56.3	56.3	0.0	0.0%	
22.2%	56.2	56.2	0.0	0.0%	
23.5%	56.2	56.2	0.0	0.0%	
24.7%	56.2	56.0	-0.2	-0.4%	
25.9%	56.1	56.0	-0.1	-0.2%	
27.2%	55.7	55.6	-0.1	-0.2%	
28.4%	55.5	55.5	0.0	0.0%	
29.6%	55.5	55.5	0.0	0.0%	
30.9%	55.3	55.3	0.0	0.0%	
32.1%	55.2	55.2	0.0	0.0%	
33.3%	55.2	55.2	0.0	0.0%	
34.5%	55.2	55.1	-0.1	-0.2%	
35.8%	55.1	55.1	0.0	0.0%	
37.0%	55.1	54.9	-0.2	-0.4%	
38.3%	55.0	54.9	-0.1	-0.2%	
39.5%	55.0	54.8	-0.2	-0.4%	
40.7%	54.9	54.8	-0.1	-0.2%	
42.0%	54.9	54.8	-0.1	-0.2%	
43.2%	54.7	54.8	0.1	0.2%	
44.4%	54.7	54.8	0.1	0.2%	
45.7%	54.7	54.7	0.0	0.0%	
46.9%	54.6	54.6	0.0	0.0%	
48.1%	54.6	54.6	0.0	0.0%	
49.4%	54.5	54.5	0.0	0.0%	
50.6%	54.5	54.4	-0.1	-0.2%	
51.9%	54.4	54.4	0.0	0.0%	
53.1%	54.4	54.4	0.0	0.0%	
54.3%	54.3	54.4	0.1	0.2%	
55.6%	54.2	54.2	0.0	0.0%	
56.8%	54.2	54.2	0.0	0.0%	
58.0%	54.2	54.2	0.0	0.0%	
59.3%	54.2	54.2	0.0	0.0%	
60.5%	54.2	54.2	0.0	0.0%	
61.7%	53.9	54.1	0.2	0.4%	
63.0%	53.8	53.9	0.1	0.2%	
64.2%	53.7	53.7	0.0	0.0%	
65.4%	53.7	53.7	0.0	0.0%	
66.7%	53.7	53.7	0.0	0.0%	
67.9%	53.6	53.7	0.1	0.2%	
69.1%	53.6	53.6	0.0	0.0%	
70.4%	53.5	53.5	0.0	0.0%	
71.6%	53.4	53.3	-0.1	-0.2%	
72.8%	53.4	53.3	-0.1	-0.2%	
74.1%	53.3	53.3	0.0	0.0%	
75.3%	53.2	53.2	0.0	0.0%	
76.5%	53.0	53.0	0.0	0.0%	
77.8%	53.0	53.0	0.0	0.0%	
79.0%	53.0	53.0	0.0	0.0%	
80.2%	52.9	52.9	0.0	0.0%	
81.5%	52.7	52.7	0.0	0.0%	
82.7%	52.6	52.6	0.0	0.0%	
84.0%	52.5	52.3	-0.2	-0.4%	
85.2%	52.3	52.3	0.0	0.0%	
86.4%	52.2	52.2	0.0	0.0%	
87.7%	52.2	52.1	-0.1	-0.2%	
88.9%	52.0	52.0	0.0	0.0%	
90.1%	52.0	52.0	0.0	0.0%	
91.4%	51.8	51.8	0.0	0.0%	
92.6%	51.8	51.8	0.0	0.0%	
93.8%	51.6	51.6	0.0	0.0%	
95.1%	51.5	51.5	0.0	0.0%	
96.3%	51.5	51.5	0.0	0.0%	
97.5%	51.5	51.4	-0.1	-0.2%	
98.8%	51.4	51.4	0.0	0.0%	
100.0%	51.4	51.4	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.1	66.3	0.2	0.3%	
1.2%	65.8	65.8	0.0	0.0%	
2.5%	65.8	65.8	0.0	0.0%	
3.7%	65.7	65.5	-0.1	-0.2%	
4.9%	65.5	65.5	0.0	0.0%	
6.2%	64.8	64.8	0.0	0.0%	
7.4%	64.6	64.6	0.0	0.0%	
8.6%	64.3	64.6	0.3	0.5%	
9.9%	64.3	64.3	0.0	0.0%	
11.1%	64.3	64.3	0.0	0.0%	
12.3%	64.0	64.2	0.2	0.3%	
13.6%	63.9	64.0	0.1	0.2%	
14.8%	63.8	63.8	0.0	0.0%	
16.0%	63.3	63.3	0.0	0.0%	
17.3%	63.2	63.2	0.0	0.0%	
18.5%	63.1	63.1	0.0	0.0%	
19.8%	62.6	62.6	0.0	0.0%	
21.0%	62.6	62.6	0.0	0.0%	
22.2%	62.5	62.5	0.0	0.0%	
23.5%	62.4	62.4	0.0	0.0%	
24.7%	62.4	62.4	0.0	0.0%	
25.9%	62.2	62.2	0.0	0.0%	
27.2%	62.1	62.2	0.1	0.2%	
28.4%	62.1	62.1	0.0	0.0%	
29.6%	62.1	62.1	0.0	0.0%	
30.9%	61.9	61.9	0.0	0.0%	
32.1%	61.4	61.4	0.0	0.0%	
33.3%	61.4	61.4	0.0	0.0%	
34.5%	61.3	61.3	0.0	0.0%	
35.8%	61.3	61.3	0.0	0.0%	
37.0%	61.3	61.3	0.0	0.0%	
38.3%	61.2	61.2	0.0	0.0%	
39.5%	61.1	61.1	0.0	0.0%	
40.7%	61.0	61.0	0.0	0.0%	
42.0%	60.9	60.9	0.0	0.0%	
43.2%	60.9	60.9	0.0	0.0%	
44.4%	60.9	60.9	0.0	0.0%	
45.7%	60.8	60.8	0.0	0.0%	
46.9%	60.8	60.8	0.0	0.0%	
48.1%	60.8	60.8	0.0	0.0%	
49.4%	60.7	60.7	0.0	0.0%	
50.6%	60.6	60.6	0.0	0.0%	
51.9%	60.6	60.6	0.0	0.0%	
53.1%	60.5	60.5	0.0	0.0%	
54.3%	60.5	60.5	0.0	0.0%	
55.6%	60.4	60.4	0.0	0.0%	
56.8%	60.3	60.3	0.0	0.0%	
58.0%	60.2	60.3	0.1	0.2%	
59.3%	60.0	60.2	0.2	0.3%	
60.5%	60.0	60.0	0.0	0.0%	
61.7%	59.9	59.9	0.0	0.0%	
63.0%	59.9	59.9	0.0	0.0%	
64.2%	59.7	59.8	0.1	0.2%	
65.4%	59.5	59.6	0.1	0.2%	
66.7%	59.5	59.5	0.0	0.0%	
67.9%	59.5	59.5	0.0	0.0%	
69.1%	59.3	59.4	0.1	0.2%	
70.4%	59.2	59.2	0.0	0.0%	
71.6%	59.1	59.1	0.0	0.0%	
72.8%	58.9	58.9	0.0	0.0%	
74.1%	58.4	58.4	0.0	0.0%	
75.3%	58.3	58.3	0.0	0.0%	
76.5%	58.1	58.1	0.0	0.0%	
77.8%	58.1	58.1	0.0	0.0%	
79.0%	58.0	58.0	0.0	0.0%	
80.2%	57.9				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	75.7	76.1	0.4	0.5%	
1.2%	75.5	75.5	0.0	0.0%	
2.5%	75.5	75.2	-0.3	-0.4%	
3.7%	75.1	75.2	0.1	0.1%	
4.9%	75.0	74.7	-0.3	-0.4%	
6.2%	74.6	74.6	0.0	0.0%	
7.4%	74.6	74.4	-0.2	-0.3%	
8.6%	74.6	74.3	-0.3	-0.4%	
9.9%	74.1	73.9	-0.2	-0.3%	
11.1%	73.8	73.8	0.0	0.0%	
12.3%	73.7	73.7	0.0	0.0%	
13.6%	73.6	73.7	0.1	0.1%	
14.8%	73.5	73.5	0.0	0.0%	
16.0%	73.4	73.4	0.0	0.0%	
17.3%	73.2	73.2	0.2	0.3%	
18.5%	73.2	73.2	0.0	0.0%	
19.8%	73.2	73.2	0.0	0.0%	
21.0%	73.2	73.2	0.0	0.0%	
22.2%	73.2	73.1	-0.1	-0.1%	
23.5%	73.2	73.0	-0.2	-0.3%	
24.7%	72.9	73.0	0.1	0.1%	
25.9%	72.9	73.0	0.1	0.1%	
27.2%	72.8	72.8	0.0	0.0%	
28.4%	72.8	72.8	0.0	0.0%	
29.6%	72.7	72.8	0.1	0.1%	
30.9%	72.4	72.4	0.0	0.0%	
32.1%	72.3	72.3	0.0	0.0%	
33.3%	72.3	72.2	-0.1	-0.1%	
34.5%	72.2	72.2	0.0	0.0%	
35.8%	72.2	72.1	-0.1	-0.1%	
37.0%	72.1	72.1	0.0	0.0%	
38.3%	72.1	72.1	0.0	0.0%	
39.5%	72.1	72.1	0.0	0.0%	
40.7%	72.0	72.1	0.1	0.1%	
42.0%	72.0	72.0	0.0	0.0%	
43.2%	71.9	72.0	0.1	0.1%	
44.4%	71.9	71.9	0.0	0.0%	
45.7%	71.7	71.9	0.2	0.3%	
46.9%	71.7	71.7	0.0	0.0%	
48.1%	71.7	71.6	-0.1	-0.1%	
49.4%	71.6	71.6	0.0	0.0%	
50.6%	71.5	71.6	0.1	0.1%	
51.9%	71.4	71.5	0.1	0.1%	
53.1%	71.3	71.5	0.2	0.3%	
54.3%	71.3	71.3	0.0	0.0%	
55.6%	71.1	71.2	0.1	0.1%	
56.8%	71.1	71.2	0.1	0.1%	
58.0%	71.0	71.0	0.0	0.0%	
59.3%	71.0	70.9	-0.1	-0.1%	
60.5%	70.9	70.9	0.0	0.0%	
61.7%	70.8	70.8	0.0	0.0%	
63.0%	70.8	70.7	-0.1	-0.1%	
64.2%	70.7	70.7	0.0	0.0%	
65.4%	70.6	70.6	0.0	0.0%	
66.7%	70.6	70.5	-0.1	-0.1%	
67.9%	70.3	70.3	0.0	0.0%	
69.1%	70.1	70.1	0.0	0.0%	
70.4%	70.1	70.0	-0.1	-0.1%	
71.6%	70.1	70.0	-0.1	-0.1%	
72.8%	70.0	69.9	-0.1	-0.1%	
74.1%	70.0	69.9	-0.1	-0.1%	
75.3%	69.6	69.7	0.1	0.1%	
76.5%	69.6	69.6	0.0	0.0%	
77.8%	69.5	69.5	0.0	0.0%	
79.0%	69.5	69.4	-0.1	-0.1%	
80.2%	69.4	69.2	-0.2	-0.3%	
81.5%	69.4	69.2	-0.2	-0.3%	
82.7%	69.2	69.0	-0.2	-0.3%	
84.0%	69.0	69.0	0.0	0.0%	
85.2%	69.0	68.9	-0.1	-0.1%	
86.4%	69.0	68.8	-0.2	-0.3%	
87.7%	68.9	68.8	-0.1	-0.1%	
88.9%	68.5	68.5	0.0	0.0%	
90.1%	68.4	68.2	-0.2	-0.3%	
91.4%	67.8	67.8	0.0	0.0%	
92.6%	67.4	67.4	0.0	0.0%	
93.8%	67.4	67.4	0.0	0.0%	
95.1%	67.4	67.2	-0.2	-0.3%	
96.3%	67.0	66.8	-0.2	-0.3%	
97.5%	65.8	65.8	0.0	0.0%	
98.8%	65.7	65.7	0.0	0.0%	
100.0%	65.7	65.7	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	77.4	77.8	0.4	0.5%	
1.2%	77.0	77.7	0.7	0.9%	
2.5%	76.4	76.4	0.0	0.0%	
3.7%	76.4	76.3	-0.1	-0.1%	
4.9%	76.3	76.1	-0.2	-0.3%	
6.2%	76.3	75.9	-0.4	-0.5%	
7.4%	76.1	75.3	-0.8	-1.1%	
8.6%	75.5	75.2	-0.3	-0.4%	
9.9%	75.3	75.1	-0.2	-0.3%	
11.1%	75.1	75.1	0.0	0.0%	
12.3%	75.1	75.0	-0.1	-0.1%	
13.6%	75.0	75.0	0.0	0.0%	
14.8%	74.8	74.9	0.1	0.1%	
16.0%	74.8	74.8	0.0	0.0%	
17.3%	74.6	74.7	0.1	0.1%	
18.5%	74.6	74.7	0.1	0.1%	
19.8%	74.5	74.2	-0.3	-0.4%	
21.0%	74.3	74.2	-0.1	-0.1%	
22.2%	74.1	74.2	0.1	0.1%	
23.5%	74.1	74.2	0.1	0.1%	
24.7%	74.1	74.1	0.0	0.0%	
25.9%	74.0	74.0	0.0	0.0%	
27.2%	74.0	74.0	0.0	0.0%	
28.4%	73.9	74.0	0.1	0.1%	
29.6%	73.9	74.0	0.1	0.1%	
30.9%	73.9	73.9	0.0	0.0%	
32.1%	73.9	73.9	0.0	0.0%	
33.3%	73.8	73.6	-0.3	-0.4%	
34.5%	73.6	73.5	-0.1	-0.1%	
35.8%	73.6	73.5	-0.1	-0.1%	
37.0%	73.5	73.5	0.0	0.0%	
38.3%	73.5	73.5	0.0	0.0%	
39.5%	73.4	73.4	0.0	0.0%	
40.7%	73.4	73.4	0.0	0.0%	
42.0%	73.4	73.4	0.0	0.0%	
43.2%	73.3	73.3	0.0	0.0%	
44.4%	73.3	73.3	0.0	0.0%	
45.7%	73.3	73.3	0.0	0.0%	
46.9%	73.2	73.2	0.0	0.0%	
48.1%	73.2	73.2	0.0	0.0%	
49.4%	73.1	73.2	0.1	0.1%	
50.6%	73.0	73.2	0.2	0.3%	
51.9%	73.0	73.1	0.1	0.1%	
53.1%	73.0	73.0	0.0	0.0%	
54.3%	73.0	73.0	0.0	0.0%	
55.6%	72.8	72.8	0.0	0.0%	
56.8%	72.7	72.7	0.0	0.0%	
58.0%	72.7	72.7	0.0	0.0%	
59.3%	72.6	72.7	0.1	0.1%	
60.5%	72.6	72.7	0.1	0.1%	
61.7%	72.6	72.6	0.0	0.0%	
63.0%	72.6	72.6	0.0	0.0%	
64.2%	72.6	72.6	0.0	0.0%	
65.4%	72.5	72.5	-0.1	-0.1%	
66.7%	72.5	72.5	0.0	0.0%	
67.9%	72.3	72.3	0.0	0.0%	
69.1%	72.2	72.3	0.1	0.1%	
70.4%	72.2	72.2	0.0	0.0%	
71.6%	72.1	72.1	0.0	0.0%	
72.8%	72.0	72.0	0.0	0.0%	
74.1%	72.0	72.0	0.0	0.0%	
75.3%	71.9	72.0	0.1	0.1%	
76.5%	71.9	71.9	0.0	0.0%	
77.8%	71.9	71.9	0.0	0.0%	
79.0%	71.9	71.9	0.0	0.0%	
80.2%	71.9	71.9	0.0	0.0%	
81.5%	71.8	71.8	0.0	0.0%	
82.7%	71.7	71.8	0.1	0.1%	
84.0%	71.7	71.7	0.0	0.0%	
85.2%	71.6	71.7	0.1	0.1%	
86.4%	71.5	71.6	0.1	0.1%	
87.7%	71.5	71.5	0.0	0.0%	
88.9%	71.0	71.1	0.1	0.1%	
90.1%	70.9	71.0	0.1	0.1%	
91.4%	70.9	70.9	0.0	0.0%	
92.6%	70.9	70.9	0.0	0.0%	
93.8%	70.7	70.7	0.0	0.0%	
95.1%	70.7	70.5	-0.2	-0.3%	
96.3%	70.5	70.5	0.0	0.0%	
97.5%	70.5	70.4	-0.1	-0.1%	
98.8%	70.4	70.2	-0.2	-0.3%	
100.0%	70.4	70.2	-0.2	-0.3%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	78.2	78.6	0.4	0.5%	
1.2%	77.0	77.0	0.0	0.0%	
2.5%	77.0	76.9	-0.1	-0.1%	
3.7%	76.7	76.7	0.0	0.0%	
4.9%	76.3	76.4	0.1	0.1%	
6.2%	76.0	75.9	-0.1	-0.1%	
7.4%	75.9	75.9	0.0	0.0%	
8.6%	75.9	75.7	-0.2	-0.3%	
9.9%	75.7	75.4	-0.3	-0.4%	
11.1%	75.2	75.2	-0.5	-0.7%	
12.3%	75.4	75.1	-0.3	-0.4%	
13.6%	75.2	75.0	-0.2	-0.3%	
14.8%	74.4	75.0	0.6	0.8%	
16.0%	74.4	74.7	0.3	0.4%	
17.3%	74.3	74.6	0.3	0.4%	
18.5%	74.3	74.4	0.1	0.1%	
19.8%	74.1	74.4	0.3	0.4%	
21.0%	73.9	74.2	0.3	0.4%	
22.2%	73.8	74.1	0.3	0.4%	
23.5%	73.7	74.0	0.3	0.4%	
24.7%	73.6	74.0	0.4	0.5%	
25.9%	73.5	74.1	0.6	0.8%	
27.2%	73.5	73.7	0.2	0.3%	
28.4%	73.5	73.6	0.1	0.1%	
29.6%	73.5	73.6	0.1	0.1%	
30.9%	73.4	73.4	0.0	0.0%	
32.1%	73.3	73.4	0.1	0.1%	
33.3%	73.2	73.3	0.1	0.1%	
34.5%	73.2	73.1	-0.1	-0.1%	
35.8%	73.1	73.0	-0.1	-0.1%	
37.0%	72.9	73.0	0.1	0.1%	
38.3%	72.9	73.0	0.1	0.1%	
39.5%	72.8	72.9	0.1	0.1%	
40.7%	72.8	72.8	0.0	0.0%	
42.0%	72.8	72.9	0.1	0.1%	
43.2%	72.7	72.6	-0.1	-0.1%	
44.4%	72.6	72.4	-0.2	-0.3%	
45.7%	72.6	72.3	-0.3	-0.4%	
46.9%	72.6	72.3	-0.3	-0.4%	
48.1%	72.6	72.2	-0.4	-0.6%	
49.4%	72.5	72.2	-0.4	-0.6%	
50.6%	72.5	72.1	-0.4	-0.6%	
51.9%	72.3	72.1	-0.2	-0.3%	
53.1%	72.3	72.0	-0.3	-0.4%	
54.3%	72.3	71.9	-0.4	-0.6%	
55.6%	72.2	71.8	-0.4	-0.6%	
56.8%	71.9	71.8	-0.1	-0.1%	
58.0%	71.9	71.8	-0.1	-0.1%	
59.3%	71.8	71.8	0.0	0.0%	
60.5%	71.7	71.6	-0.1	-0.1%	
61.7%	71.6	71.6	0.0	0.0%	
63.0%	71.6	71.5	-0.1	-0.1%	
64.2%	71.6	71.5	-0.1	-0.1%	
65.4%	71.5	71.5	0.0	0.0%	
66.7%	71.3	71.3	0.0	0.0%	
67.9%	71.3	71.3	0.0	0.0%	
69.1%	71.3	71.3	0.0	0.0%	
70.4%	71.2	71.3	0.1	0.1%	
71.6%	71.2	71.1	-0.1	-0.1%	
72.8%	71.1	71.0	-0.1	-0.1%	
74.1%	71.0	70.9	-0.1	-0.1%	
75.3%	71.0	70.9	-0.1	-0.1%	
76.5%	70.8	70.8	0.0	0.0%	
77.8%	70.8	70.8	0.0	0.0%	
79.0%	70.7	70.6	-0.1	-0.1%	
80.2%	70.7				

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

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

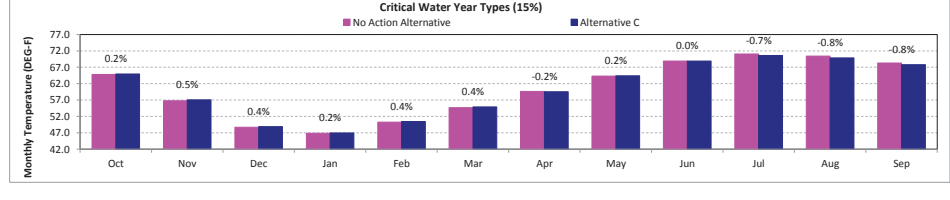
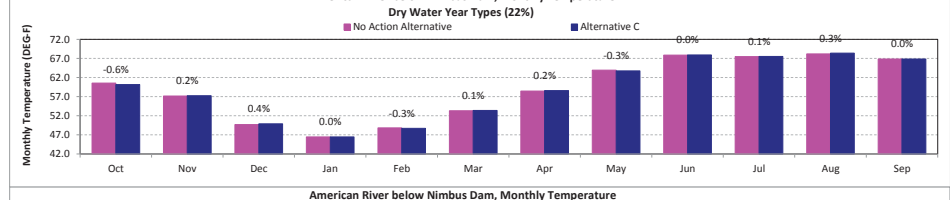
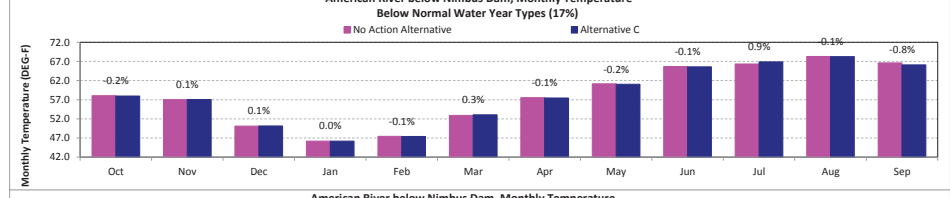
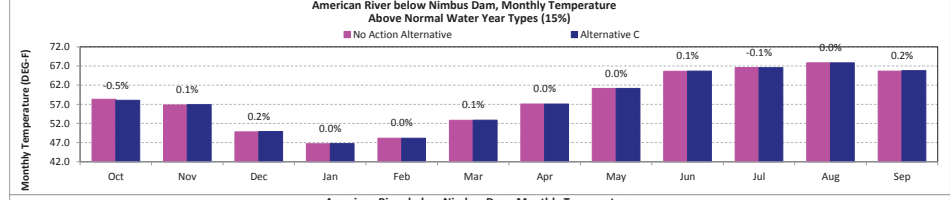
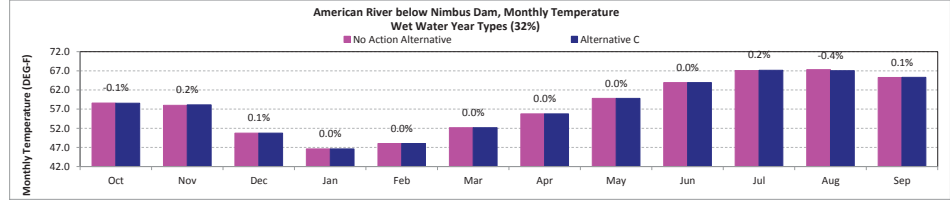
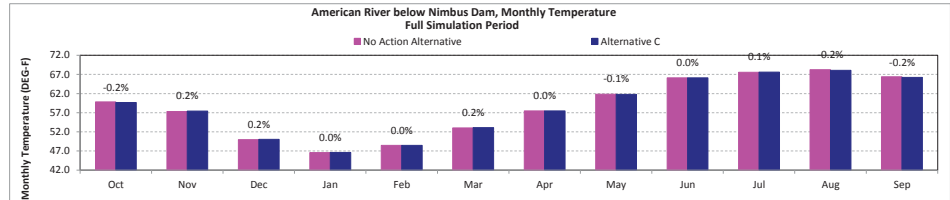


Figure SQ-18-7b
 American River below Nimbus Dam, Monthly Temperature
 Probability of Exceedance

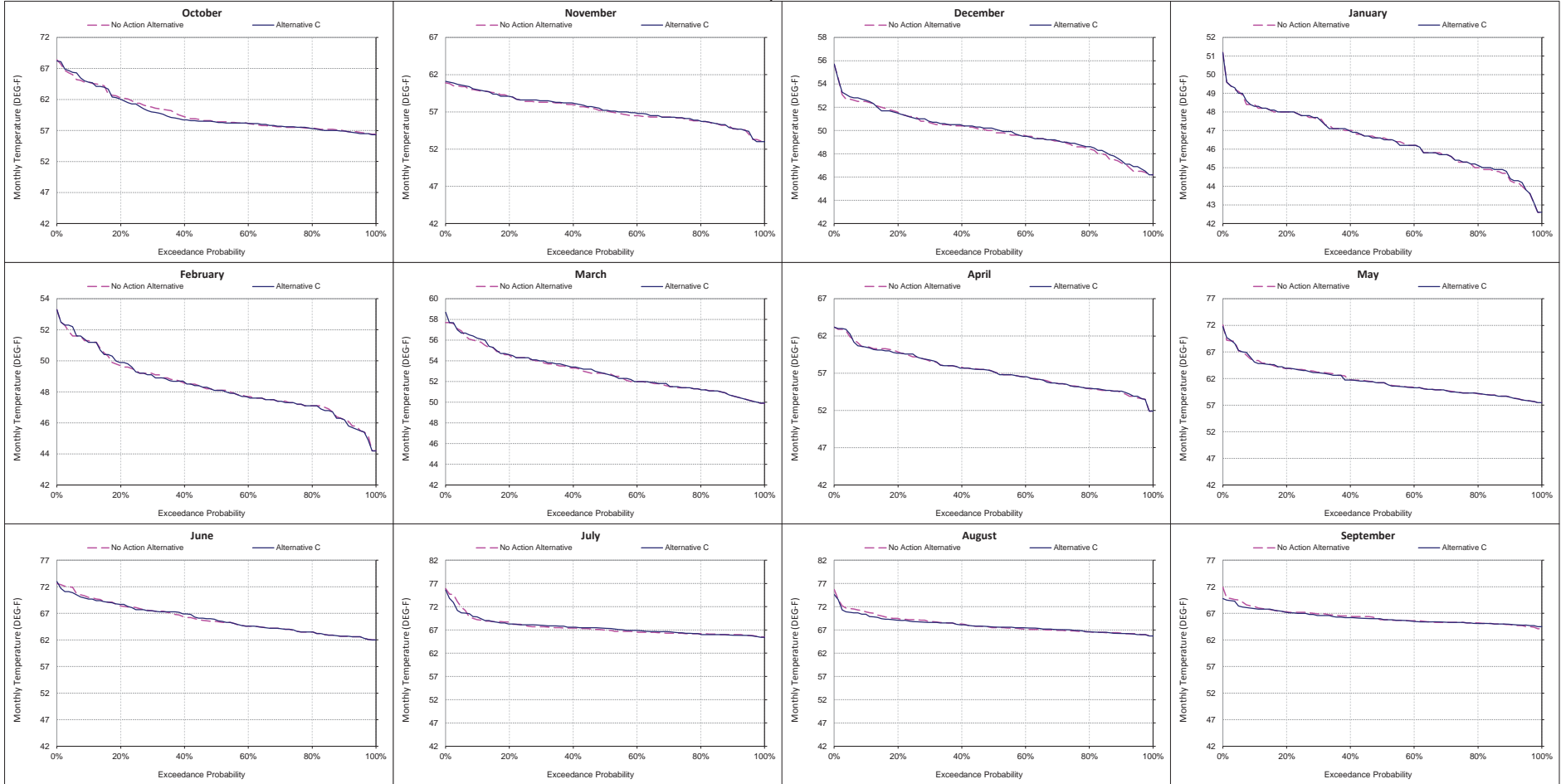


Table SQ-18-7b
American River below Nimbus Dam, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	68.4	68.2	-0.2	-0.3%	
1.2%	67.7	68.1	0.4	0.6%	
2.5%	66.7	66.9	0.2	0.3%	
3.7%	66.3	66.7	0.4	0.6%	
4.9%	66.0	66.4	0.4	0.6%	
6.2%	65.2	66.3	1.1	1.7%	
7.4%	65.1	65.5	0.4	0.6%	
8.6%	64.8	65.0	0.2	0.3%	
9.9%	64.8	64.8	0.0	0.0%	
11.1%	64.6	64.7	0.1	0.2%	
12.3%	64.5	64.1	-0.4	-0.6%	
13.6%	64.4	64.1	-0.3	-0.5%	
14.8%	64.2	64.0	-0.2	-0.3%	
16.0%	62.9	63.7	0.8	1.3%	
17.3%	62.7	62.4	-0.3	-0.5%	
18.5%	62.6	62.3	-0.3	-0.5%	
19.8%	62.3	62.1	-0.2	-0.3%	
21.0%	62.2	61.8	-0.4	-0.6%	
22.2%	62.1	61.5	-0.6	-1.0%	
23.5%	61.8	61.3	-0.5	-0.8%	
24.7%	61.4	61.3	-0.1	-0.2%	
25.9%	61.0	60.9	-0.1	-0.2%	
27.2%	61.1	60.5	-0.6	-1.0%	
28.4%	60.9	60.2	-0.7	-1.1%	
29.6%	60.8	60.0	-0.8	-1.3%	
30.9%	60.6	59.9	-0.7	-1.2%	
32.1%	60.5	59.8	-0.7	-1.2%	
33.3%	60.4	59.6	-0.8	-1.3%	
34.5%	60.3	59.3	-1.0	-1.7%	
35.8%	60.2	59.1	-1.1	-1.8%	
37.0%	59.8	59.0	-0.8	-1.3%	
38.3%	59.5	58.9	-0.6	-1.0%	
39.5%	59.3	58.7	-0.6	-1.0%	
40.7%	59.1	58.7	-0.4	-0.7%	
42.0%	58.9	58.6	-0.3	-0.5%	
43.2%	58.9	58.6	-0.3	-0.5%	
44.4%	58.8	58.5	-0.3	-0.5%	
45.7%	58.6	58.5	-0.1	-0.2%	
46.9%	58.6	58.5	-0.1	-0.2%	
48.1%	58.6	58.5	-0.1	-0.2%	
49.4%	58.4	58.4	0.0	0.0%	
50.6%	58.4	58.3	-0.1	-0.2%	
51.9%	58.4	58.3	-0.1	-0.2%	
53.1%	58.4	58.2	-0.2	-0.3%	
54.3%	58.3	58.2	-0.1	-0.2%	
55.6%	58.3	58.2	-0.1	-0.2%	
56.8%	58.2	58.2	0.0	0.0%	
58.0%	58.2	58.2	0.0	0.0%	
59.3%	58.2	58.2	0.0	0.0%	
60.5%	58.1	58.1	0.0	0.0%	
61.7%	58.0	58.1	0.1	0.2%	
63.0%	57.9	58.1	0.2	0.3%	
64.2%	57.8	58.0	0.2	0.3%	
65.4%	57.8	58.0	0.2	0.3%	
66.7%	57.7	57.8	0.1	0.2%	
67.9%	57.7	57.8	0.1	0.2%	
69.1%	57.6	57.7	0.1	0.2%	
70.4%	57.6	57.7	0.1	0.2%	
71.6%	57.5	57.6	0.1	0.2%	
72.8%	57.5	57.6	0.1	0.2%	
74.1%	57.5	57.6	0.1	0.2%	
75.3%	57.5	57.5	0.0	0.0%	
76.5%	57.5	57.5	0.0	0.0%	
77.8%	57.4	57.5	0.1	0.2%	
79.0%	57.4	57.4	0.0	0.0%	
80.2%	57.4	57.3	-0.1	-0.2%	
81.5%	57.3	57.2	-0.1	-0.2%	
82.7%	57.2	57.1	-0.1	-0.2%	
84.0%	57.2	57.0	-0.2	-0.3%	
85.2%	57.2	57.0	-0.2	-0.3%	
86.4%	57.2	57.0	-0.2	-0.3%	
87.7%	57.1	57.0	-0.1	-0.2%	
88.9%	57.1	56.9	-0.2	-0.4%	
90.1%	56.9	56.9	0.0	0.0%	
91.4%	56.8	56.8	0.0	0.0%	
92.6%	56.8	56.7	-0.1	-0.2%	
93.8%	56.8	56.6	-0.2	-0.4%	
95.1%	56.7	56.5	-0.2	-0.4%	
96.3%	56.6	56.5	-0.1	-0.2%	
97.5%	56.5	56.0	0.0	0.0%	
98.8%	56.4	56.3	-0.1	-0.2%	
100.0%	56.4	56.3	-0.1	-0.2%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.9	61.1	0.2	0.3%	
1.2%	60.8	61.0	0.2	0.3%	
2.5%	60.5	60.9	0.4	0.7%	
3.7%	60.7	60.7	0.2	0.3%	
4.9%	60.4	60.6	0.2	0.3%	
6.2%	60.4	60.5	0.1	0.2%	
7.4%	60.0	60.4	0.4	0.7%	
8.6%	60.0	60.1	0.1	0.2%	
9.9%	59.9	60.0	0.1	0.2%	
11.1%	59.8	59.9	0.1	0.2%	
12.3%	59.8	59.8	0.0	0.0%	
13.6%	59.7	59.7	0.0	0.0%	
14.8%	59.6	59.4	-0.2	-0.3%	
16.0%	59.6	59.4	-0.2	-0.3%	
17.3%	59.3	59.1	-0.2	-0.3%	
18.5%	59.3	59.1	-0.2	-0.3%	
19.8%	59.1	59.1	0.0	0.0%	
21.0%	59.0	59.0	0.0	0.0%	
22.2%	58.7	58.7	0.0	0.0%	
23.5%	58.6	58.6	0.0	0.0%	
24.7%	58.4	58.6	0.2	0.3%	
25.9%	58.5	58.6	0.1	0.2%	
27.2%	58.4	58.6	0.2	0.3%	
28.4%	58.3	58.6	0.3	0.5%	
29.6%	58.3	58.5	0.2	0.3%	
30.9%	58.3	58.5	0.2	0.3%	
32.1%	58.3	58.5	0.2	0.3%	
33.3%	58.3	58.4	0.1	0.2%	
34.5%	58.2	58.3	0.1	0.2%	
35.8%	58.2	58.3	0.1	0.2%	
37.0%	58.1	58.2	0.1	0.2%	
38.3%	58.0	58.2	0.2	0.3%	
39.5%	58.0	58.2	0.2	0.3%	
40.7%	57.9	58.1	0.2	0.3%	
42.0%	57.7	58.0	0.3	0.5%	
43.2%	57.7	57.9	0.2	0.3%	
44.4%	57.6	57.7	0.1	0.2%	
45.7%	57.5	57.7	0.2	0.3%	
46.9%	57.4	57.6	0.2	0.3%	
48.1%	57.2	57.5	0.3	0.5%	
49.4%	57.2	57.2	0.0	0.0%	
50.6%	57.1	57.2	0.1	0.2%	
51.9%	57.0	57.1	0.1	0.2%	
53.1%	56.9	57.1	0.2	0.4%	
54.3%	56.8	57.0	0.2	0.4%	
55.6%	56.7	57.0	0.3	0.5%	
56.8%	56.6	57.0	0.4	0.7%	
58.0%	56.5	56.9	0.4	0.7%	
59.3%	56.5	56.9	0.4	0.7%	
60.5%	56.5	56.8	0.3	0.5%	
61.7%	56.4	56.8	0.4	0.7%	
63.0%	56.4	56.7	0.3	0.5%	
64.2%	56.3	56.5	0.2	0.4%	
65.4%	56.3	56.5	0.2	0.4%	
66.7%	56.3	56.5	0.2	0.4%	
67.9%	56.3	56.3	0.0	0.0%	
69.1%	56.3	56.3	0.0	0.0%	
70.4%	56.3	56.3	0.0	0.0%	
71.6%	56.2	56.3	0.1	0.2%	
72.8%	56.2	56.2	0.0	0.0%	
74.1%	56.2	56.2	0.0	0.0%	
75.3%	56.0	56.1	0.1	0.2%	
76.5%	55.9	56.1	0.2	0.4%	
77.8%	55.8	55.9	0.1	0.2%	
79.0%	55.8	55.9	0.1	0.2%	
80.2%	55.7	55.7	0.0	0.0%	
81.5%	55.7	55.7	0.0	0.0%	
82.7%	55.6	55.6	0.0	0.0%	
84.0%	55.4	55.5	0.1	0.2%	
85.2%	55.4	55.4	0.0	0.0%	
86.4%	55.2	55.3	0.1	0.2%	
87.7%	55.2	55.3	0.1	0.2%	
88.9%	55.1	54.9	-0.2	-0.4%	
90.1%	54.7	54.8	0.1	0.2%	
91.4%	54.7	54.7	0.0	0.0%	
92.6%	54.6	54.7	0.1	0.2%	
93.8%	54.6	54.5	-0.1	-0.2%	
95.1%	54.0	54.4	0.4	0.7%	
96.3%	53.2	53.3	0.1	0.2%	
97.5%	53.3	53.0	-0.3	-0.6%	
98.8%	53.1	53.0	-0.1	-0.2%	
100.0%	53.1	53.0	-0.1	-0.2%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	55.7	55.7	0.0	0.0%	
1.2%	54.5	54.4	-0.1	-0.2%	
2.5%	53.1	53.3	0.2	0.4%	
3.7%	52.7	53.1	0.4	0.8%	
4.9%	52.7	52.9	0.2	0.4%	
6.2%	52.6	52.8	0.2	0.4%	
7.4%	52.5	52.8	0.3	0.6%	
8.6%	52.5	52.7	0.2	0.4%	
9.9%	52.5	52.6	0.1	0.2%	
11.1%	52.4	52.5	0.1	0.2%	
12.3%	52.3	52.3	0.0	0.0%	
13.6%	52.1	52.0	-0.1	-0.2%	
14.8%	52.0	51.7	-0.3	-0.6%	
16.0%	51.9	51.7	-0.2	-0.4%	
17.3%	51.8	51.7	-0.1	-0.2%	
18.5%	51.7	51.6	-0.1	-0.2%	
19.8%	51.6	51.5	-0.1	-0.2%	
21.0%	51.4	51.4	0.0	0.0%	
22.2%	51.3	51.3	0.0	0.0%	
23.5%	51.2	51.2	0.0	0.0%	
24.7%	51.2	51.1	-0.1	-0.2%	
25.9%	51.1	51.0	-0.1	-0.2%	
27.2%	50.8	51.0	0.2	0.4%	
28.4%	50.8	51.0	0.2	0.4%	
29.6%	50.7	50.8	0.1	0.2%	
30.9%	50.6	50.7	0.1	0.2%	
32.1%	50.5	50.7	0.2	0.4%	
33.3%	50.5	50.6	0.1	0.2%	
34.5%	50.5	50.6	0.1	0.2%	
35.8%	50.5	50.5	0.0	0.0%	
37.0%	50.4	50.5	0.1	0.2%	
38.3%	50.4	50.5	0.1	0.2%	
39.5%	50.4	50.5	0.1	0.2%	
40.7%	50.4	50.4	0.0	0.0%	
42.0%	50.3	50.4	0.1	0.2%	
43.2%	50.3	50.4	0.1	0.2%	
44.4%	50.2	50.3	0.1	0.2%	
45.7%	50.1	50.3	0.2	0.4%	
46.9%	50.1	50.2	0.1	0.2%	
48.1%	50.0	50.2	0.2	0.4%	
49.4%	50.0	50.2	0.2	0.4%	
50.6%	49.8	50.1	0.3	0.6%	
51.9%	49.8	50.0	0.2	0.4%	
53.1%	49.8	49.9	0.1	0.2%	
54.3%	49.7	49.9	0.2	0.4%	
55.6%	49.6	49.9	0.3	0.6%	
56.8%	49.6	49.7	0.1	0.2%	
58.0%	49.6	49.6	0.0	0.0%	
59.3%	49.6	49.5	-0.1	-0.2%	
60.5%	49.5	49.5	0.0	0.0%	
61.7%	49.5	49.4	-0.1	-0.2%	
63.0%	49.4	49.3	-0.1	-0.2%	
64.2%	49.3	49.3	0.0	0.0%	
65.4%	49.3	49.3	0.0	0.0%	
66.7%	49.2	49.2	0.0	0.0%	
67.9%	49.2	49.2	0.0	0.0%	
69.1%	49.1	49.2	0.1	0.2%	
70.4%	49.1	49.1	0.0	0.0%	
71.6%	49.1	49.0	-0.1	-0.2%	
72.8%	48.9	49.0	0.1	0.2%	
74.1%	48.8	48.9	0.1	0.2%	
75.3%	48.6	48.9	0.3	0.6%	
76.5%	48.6	48.8	0.2	0.4%	
77.8%	48.6	48.7	0.1	0.2%	
79.0%	48.5	48.6	0.1	0.2%	
80.2%	48.4</				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.3	53.3	0.0	0.0%	
1.2%	52.5	52.5	0.0	0.0%	
2.5%	52.3	52.3	0.0	0.0%	
3.7%	51.9	52.3	0.4	0.8%	
4.9%	51.6	52.2	0.6	1.2%	
6.2%	51.6	51.6	0.0	0.0%	
7.4%	51.6	51.6	0.0	0.0%	
8.6%	51.3	51.4	0.1	0.2%	
9.9%	51.3	51.2	-0.1	-0.2%	
11.1%	51.2	51.2	0.0	0.0%	
12.3%	51.2	51.2	0.0	0.0%	
13.6%	50.8	50.7	-0.1	-0.2%	
14.8%	50.5	50.4	-0.1	-0.2%	
16.0%	50.3	50.4	0.1	0.2%	
17.3%	49.9	50.3	0.4	0.8%	
18.5%	49.8	50.0	0.2	0.4%	
19.8%	49.7	49.9	0.2	0.4%	
21.0%	49.6	49.9	0.3	0.6%	
22.2%	49.6	49.8	0.2	0.4%	
23.5%	49.5	49.6	0.1	0.2%	
24.7%	49.4	49.3	-0.1	-0.2%	
25.9%	49.2	49.2	0.0	0.0%	
27.2%	49.2	49.2	0.0	0.0%	
28.4%	49.2	49.1	-0.1	-0.2%	
29.6%	49.2	49.1	-0.1	-0.2%	
30.9%	49.1	48.9	-0.2	-0.4%	
32.1%	49.1	48.9	-0.2	-0.4%	
33.3%	48.9	48.9	0.0	0.0%	
34.5%	48.9	48.8	-0.1	-0.2%	
35.8%	48.8	48.7	-0.1	-0.2%	
37.0%	48.8	48.7	-0.1	-0.2%	
38.3%	48.7	48.7	0.0	0.0%	
39.5%	48.6	48.7	0.1	0.2%	
40.7%	48.5	48.5	0.0	0.0%	
42.0%	48.5	48.5	0.0	0.0%	
43.2%	48.5	48.4	-0.1	-0.2%	
44.4%	48.4	48.4	0.0	0.0%	
45.7%	48.3	48.3	0.0	0.0%	
46.9%	48.2	48.3	0.1	0.2%	
48.1%	48.2	48.2	0.0	0.0%	
49.4%	48.1	48.1	0.0	0.0%	
50.6%	48.1	48.1	0.0	0.0%	
51.9%	48.1	48.1	0.0	0.0%	
53.1%	48.1	48.0	-0.1	-0.2%	
54.3%	48.0	47.9	-0.1	-0.2%	
55.6%	47.9	47.9	0.0	0.0%	
56.8%	47.8	47.8	0.0	0.0%	
58.0%	47.8	47.7	-0.1	-0.2%	
59.3%	47.7	47.7	0.0	0.0%	
60.5%	47.7	47.6	-0.1	-0.2%	
61.7%	47.6	47.6	0.0	0.0%	
63.0%	47.6	47.6	0.0	0.0%	
64.2%	47.6	47.6	0.0	0.0%	
65.4%	47.5	47.5	0.0	0.0%	
66.7%	47.5	47.5	0.0	0.0%	
67.9%	47.5	47.5	0.0	0.0%	
69.1%	47.4	47.4	0.0	0.0%	
70.4%	47.4	47.4	0.0	0.0%	
71.6%	47.4	47.3	-0.1	-0.2%	
72.8%	47.3	47.3	0.0	0.0%	
74.1%	47.3	47.3	0.0	0.0%	
75.3%	47.2	47.2	0.0	0.0%	
76.5%	47.2	47.2	0.0	0.0%	
77.8%	47.1	47.1	0.0	0.0%	
79.0%	47.1	47.1	0.0	0.0%	
80.2%	47.1	47.1	0.0	0.0%	
81.5%	47.1	47.1	0.0	0.0%	
82.7%	47.1	46.9	-0.2	-0.4%	
84.0%	47.0	46.8	-0.2	-0.4%	
85.2%	46.9	46.8	-0.1	-0.2%	
86.4%	46.7	46.7	0.0	0.0%	
87.7%	46.3	46.3	0.0	0.0%	
88.9%	46.3	46.3	0.0	0.0%	
90.1%	46.2	46.2	0.0	0.0%	
91.4%	46.1	45.8	-0.3	-0.7%	
92.6%	45.8	45.7	-0.1	-0.2%	
93.8%	45.8	45.6	-0.2	-0.4%	
95.1%	45.5	45.5	0.0	0.0%	
96.3%	45.4	45.4	0.0	0.0%	
97.5%	45.2	44.9	-0.3	-0.7%	
98.8%	44.2	44.2	0.0	0.0%	
100.0%	44.2	44.2	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	57.7	58.7	1.0	1.7%	
1.2%	57.7	57.7	0.0	0.0%	
2.5%	57.6	57.6	0.1	0.2%	
3.7%	57.0	57.0	-0.1	-0.2%	
4.9%	56.9	56.7	-0.2	-0.4%	
6.2%	56.4	56.7	0.3	0.5%	
7.4%	56.1	56.5	0.4	0.7%	
8.6%	56.0	56.4	0.4	0.7%	
9.9%	55.9	56.2	0.3	0.5%	
11.1%	55.8	56.1	0.3	0.5%	
12.3%	55.5	56.0	0.5	0.9%	
13.6%	55.3	55.4	0.1	0.2%	
14.8%	55.3	55.3	0.0	0.0%	
16.0%	54.9	55.0	0.1	0.2%	
17.3%	54.9	54.7	-0.2	-0.4%	
18.5%	54.6	54.7	0.1	0.2%	
19.8%	54.6	54.6	0.0	0.0%	
21.0%	54.3	54.5	0.2	0.4%	
22.2%	54.3	54.3	0.0	0.0%	
23.5%	54.3	54.3	0.0	0.0%	
24.7%	54.3	54.3	0.0	0.0%	
25.9%	54.2	54.2	0.0	0.0%	
27.2%	54.1	54.1	0.0	0.0%	
28.4%	54.0	54.1	0.1	0.2%	
29.6%	54.0	54.0	0.0	0.0%	
30.9%	53.8	54.0	0.2	0.4%	
32.1%	53.7	53.8	0.1	0.2%	
33.3%	53.7	53.8	0.1	0.2%	
34.5%	53.6	53.7	0.1	0.2%	
35.8%	53.5	53.7	0.2	0.4%	
37.0%	53.5	53.6	0.1	0.2%	
38.3%	53.4	53.5	0.1	0.2%	
39.5%	53.3	53.4	0.1	0.2%	
40.7%	53.3	53.4	0.1	0.2%	
42.0%	53.2	53.3	0.1	0.2%	
43.2%	53.0	53.2	0.2	0.4%	
44.4%	52.9	53.2	0.3	0.6%	
45.7%	52.8	53.2	0.4	0.8%	
46.9%	52.8	53.0	0.2	0.4%	
48.1%	52.8	52.9	0.1	0.2%	
49.4%	52.8	52.8	0.0	0.0%	
50.6%	52.7	52.7	0.0	0.0%	
51.9%	52.7	52.6	-0.1	-0.2%	
53.1%	52.5	52.5	0.0	0.0%	
54.3%	52.5	52.3	-0.2	-0.4%	
55.6%	52.3	52.3	0.0	0.0%	
56.8%	52.1	52.3	0.2	0.4%	
58.0%	52.0	52.2	0.2	0.4%	
59.3%	52.0	52.0	0.0	0.0%	
60.5%	52.0	52.0	0.0	0.0%	
61.7%	52.0	52.0	0.0	0.0%	
63.0%	51.9	52.0	0.1	0.2%	
64.2%	51.9	51.9	0.0	0.0%	
65.4%	51.8	51.8	0.1	0.2%	
66.7%	51.8	51.8	0.0	0.0%	
67.9%	51.7	51.8	0.1	0.2%	
69.1%	51.6	51.8	0.2	0.4%	
70.4%	51.5	51.5	0.0	0.0%	
71.6%	51.5	51.5	0.0	0.0%	
72.8%	51.4	51.5	0.1	0.2%	
74.1%	51.4	51.4	0.0	0.0%	
75.3%	51.4	51.4	0.0	0.0%	
76.5%	51.4	51.4	0.0	0.0%	
77.8%	51.3	51.3	0.0	0.0%	
79.0%	51.3	51.3	0.0	0.0%	
80.2%	51.2	51.2	0.0	0.0%	
81.5%	51.2	51.2	0.0	0.0%	
82.7%	51.1	51.1	0.0	0.0%	
84.0%	51.1	51.1	0.0	0.0%	
85.2%	51.1	51.1	0.0	0.0%	
86.4%	51.0	51.0	0.0	0.0%	
87.7%	50.9	50.9	0.0	0.0%	
88.9%	50.7	50.7	0.0	0.0%	
90.1%	50.6	50.6	0.0	0.0%	
91.4%	50.5	50.5	0.0	0.0%	
92.6%	50.4	50.4	0.0	0.0%	
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%	49.9	49.9	0.0	0.0%	
100.0%	49.9	49.9	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	63.2	63.2	0.0	0.0%	
1.2%	62.9	63.0	0.1	0.2%	
2.5%	62.9	63.0	0.1	0.2%	
3.7%	62.9	62.9	0.0	0.0%	
4.9%	61.9	62.3	0.4	0.6%	
6.2%	61.5	61.2	-0.3	-0.5%	
7.4%	61.1	60.7	-0.4	-0.7%	
8.6%	60.6	60.6	0.0	0.0%	
9.9%	60.6	60.5	-0.1	-0.2%	
11.1%	60.5	60.4	-0.1	-0.2%	
12.3%	60.3	60.2	-0.1	-0.2%	
13.6%	60.3	60.1	-0.2	-0.3%	
14.8%	60.3	60.1	-0.2	-0.3%	
16.0%	60.3	60.0	-0.3	-0.5%	
17.3%	60.2	60.0	-0.2	-0.3%	
18.5%	60.1	59.8	-0.3	-0.5%	
19.8%	59.9	59.7	-0.2	-0.3%	
21.0%	59.7	59.7	0.0	0.0%	
22.2%	59.6	59.6	0.0	0.0%	
23.5%	59.4	59.6	0.2	0.3%	
24.7%	59.2	59.6	0.4	0.7%	
25.9%	59.2	59.2	0.0	0.0%	
27.2%	59.0	59.0	0.0	0.0%	
28.4%	58.9	58.9	0.0	0.0%	
29.6%	58.7	58.8	0.1	0.2%	
30.9%	58.5	58.7	0.2	0.3%	
32.1%	58.5	58.5	0.0	0.0%	
33.3%	58.1	58.1	0.0	0.0%	
34.5%	58.0	58.0	0.0	0.0%	
35.8%	58.0	58.0	0.0	0.0%	
37.0%	58.0	58.0	0.0	0.0%	
38.3%	57.9	57.9	0.0	0.0%	
39.5%	57.9	57.7	-0.2	-0.3%	
40.7%	57.7	57.7	0.0	0.0%	
42.0%	57.7	57.7	0.0	0.0%	
43.2%	57.6	57.6	0.0	0.0%	
44.4%	57.6	57.5	-0.1	-0.2%	
45.7%	57.5	57.5	0.0	0.0%	
46.9%	57.5	57.5	0.0	0.0%	
48.1%	57.5	57.4	-0.1	-0.2%	
49.4%	57.3	57.3	0.0	0.0%	
50.6%	57.1	57.1	0.0	0.0%	
51.9%	57.0	56.8	-0.2	-0.4%	
53.1%	56.8	56.8	0.0	0.0%	
54.3%	56.8	56.8	0.0	0.0%	
55.6%	56.8	56.8	0.0	0.0%	
56.8%	56.7	56.7	0.0	0.0%	
58.0%	56.6	56.6	0.0	0.0%	
59.3%	56.5	56.5	0.0	0.0%	
60.5%	56.5	56.5	0.0	0.0%	
61.7%	56.3	56.3	0.0	0.0%	
63.0%	56.3	56.2	-0.1	-0.2%	
64.2%	56.1	56.2	0.1	0.2%	
65.4%	56.1	56.1	0.0	0.0%	
66.7%	56.0	55.8	-0.2	-0.4%	
67.9%	55.8	55.7	-0.1	-0.2%	
69.1%	55.7	55.7	0.0	0.0%	
70.4%	55.6	55.6	0.0	0.0%	
71.6%	55.6	55.6	0.0	0.0%	
72.8%	55.5	55.5	0.0	0.0%	
74.1%	55.3	55.3	0.0	0.0%	
75.3%	55.3	55.2	-0.1	-0.2%	
76.5%	55.2	55.2	0.0	0.0%	
77.8%	55.1	55.1	0.0	0.0%	
79.0%	55.0	55.0	0.0	0.0%	
80.2%	54.9</				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	72.6	73.0	0.4	0.6%	
1.2%	72.4	71.7	-0.7	-1.0%	
2.5%	72.1	71.1	-1.0	-1.4%	
3.7%	72.0	71.1	-0.9	-1.3%	
4.9%	71.9	70.9	-1.0	-1.4%	
6.2%	70.7	70.5	-0.2	-0.3%	
7.4%	70.5	70.1	-0.4	-0.6%	
8.6%	70.3	69.9	-0.4	-0.6%	
9.9%	70.0	69.7	-0.3	-0.4%	
11.1%	69.9	69.7	-0.2	-0.3%	
12.3%	69.7	69.4	-0.3	-0.4%	
13.6%	69.6	69.4	-0.2	-0.3%	
14.8%	69.2	69.2	0.0	0.0%	
16.0%	69.1	69.1	0.0	0.0%	
17.3%	69.1	69.0	-0.1	-0.1%	
18.5%	68.7	68.8	0.1	0.1%	
19.8%	68.4	68.7	0.3	0.4%	
21.0%	68.3	68.7	0.4	0.6%	
22.2%	68.2	68.3	0.1	0.1%	
23.5%	68.2	68.1	-0.1	-0.1%	
24.7%	68.1	67.7	-0.4	-0.6%	
25.9%	67.7	67.7	0.0	0.0%	
27.2%	67.7	67.7	0.0	0.0%	
28.4%	67.6	67.5	-0.1	-0.1%	
29.6%	67.5	67.5	0.0	0.0%	
30.9%	67.4	67.3	-0.1	-0.1%	
32.1%	67.4	67.3	-0.1	-0.1%	
33.3%	67.4	67.3	-0.1	-0.1%	
34.5%	67.2	67.3	0.1	0.1%	
35.8%	67.1	67.3	0.2	0.3%	
37.0%	66.8	67.3	0.5	0.7%	
38.3%	66.7	67.2	0.5	0.7%	
39.5%	66.4	66.9	0.5	0.8%	
40.7%	66.2	66.9	0.7	1.1%	
42.0%	66.2	66.8	0.6	0.9%	
43.2%	66.0	66.3	0.3	0.5%	
44.4%	65.8	66.1	0.3	0.5%	
45.7%	65.7	66.1	0.4	0.6%	
46.9%	65.6	66.0	0.4	0.6%	
48.1%	65.5	66.0	0.5	0.8%	
49.4%	65.5	65.9	0.4	0.6%	
50.6%	65.4	65.6	0.2	0.3%	
51.9%	65.3	65.5	0.2	0.3%	
53.1%	65.3	65.3	0.0	0.0%	
54.3%	65.3	65.3	0.0	0.0%	
55.6%	65.1	65.1	0.0	0.0%	
56.8%	64.8	64.9	0.1	0.2%	
58.0%	64.7	64.7	0.0	0.0%	
59.3%	64.6	64.6	0.0	0.0%	
60.5%	64.6	64.6	0.0	0.0%	
61.7%	64.6	64.6	0.0	0.0%	
63.0%	64.5	64.5	0.0	0.0%	
64.2%	64.4	64.4	0.0	0.0%	
65.4%	64.3	64.3	0.0	0.0%	
66.7%	64.2	64.2	0.0	0.0%	
67.9%	64.2	64.2	0.0	0.0%	
69.1%	64.2	64.2	0.0	0.0%	
70.4%	64.1	64.1	0.0	0.0%	
71.6%	64.0	64.0	0.0	0.0%	
72.8%	64.0	64.0	0.0	0.0%	
74.1%	63.8	63.9	0.1	0.2%	
75.3%	63.6	63.6	0.0	0.0%	
76.5%	63.5	63.5	0.0	0.0%	
77.8%	63.5	63.5	0.0	0.0%	
79.0%	63.5	63.5	0.0	0.0%	
80.2%	63.5	63.5	0.0	0.0%	
81.5%	63.2	63.2	0.0	0.0%	
82.7%	63.2	63.2	0.0	0.0%	
84.0%	63.0	63.0	0.0	0.0%	
85.2%	62.9	62.9	0.0	0.0%	
86.4%	62.9	62.9	0.0	0.0%	
87.7%	62.8	62.8	0.0	0.0%	
88.9%	62.7	62.7	0.0	0.0%	
90.1%	62.7	62.7	0.0	0.0%	
91.4%	62.7	62.7	0.0	0.0%	
92.6%	62.6	62.6	0.0	0.0%	
93.8%	62.6	62.6	0.0	0.0%	
95.1%	62.6	62.6	0.0	0.0%	
96.3%	62.3	62.3	0.0	0.0%	
97.5%	62.1	62.1	0.0	0.0%	
98.8%	62.0	62.0	0.0	0.0%	
100.0%	62.0	62.0	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	75.9	75.6	-0.3	-0.4%	
1.2%	74.7	73.8	-0.9	-1.2%	
2.5%	74.6	72.9	-1.7	-2.3%	
3.7%	73.1	71.2	-1.9	-2.6%	
4.9%	71.9	70.7	-1.2	-1.7%	
6.2%	71.2	70.6	-0.6	-0.8%	
7.4%	69.8	70.5	0.7	1.0%	
8.6%	69.5	69.9	0.4	0.6%	
9.9%	69.2	69.8	0.6	0.9%	
11.1%	69.1	69.4	0.3	0.4%	
12.3%	68.9	69.0	0.1	0.1%	
13.6%	68.9	69.0	0.1	0.1%	
14.8%	68.8	68.8	0.0	0.0%	
16.0%	68.8	68.7	-0.1	-0.1%	
17.3%	68.8	68.5	-0.3	-0.4%	
18.5%	68.7	68.5	-0.2	-0.3%	
19.8%	68.7	68.3	-0.4	-0.6%	
21.0%	68.2	68.3	0.1	0.1%	
22.2%	68.2	68.2	0.0	0.0%	
23.5%	68.2	68.1	-0.1	-0.1%	
24.7%	68.0	68.1	0.1	0.1%	
25.9%	67.8	67.8	0.0	0.0%	
27.2%	67.7	68.1	0.4	0.6%	
28.4%	67.7	68.1	0.4	0.6%	
29.6%	67.7	68.0	0.3	0.4%	
30.9%	67.7	68.0	0.3	0.4%	
32.1%	67.6	67.9	0.3	0.4%	
33.3%	67.5	67.9	0.4	0.6%	
34.5%	67.5	67.9	0.4	0.6%	
35.8%	67.5	67.8	0.3	0.4%	
37.0%	67.4	67.8	0.4	0.6%	
38.3%	67.4	67.6	0.2	0.3%	
39.5%	67.4	67.6	0.2	0.3%	
40.7%	67.4	67.6	0.2	0.3%	
42.0%	67.3	67.5	0.2	0.3%	
43.2%	67.3	67.5	0.2	0.3%	
44.4%	67.3	67.5	0.2	0.3%	
45.7%	67.2	67.5	0.3	0.4%	
46.9%	67.1	67.5	0.4	0.6%	
48.1%	67.1	67.4	0.3	0.4%	
49.4%	67.0	67.4	0.4	0.6%	
50.6%	66.9	67.3	0.4	0.6%	
51.9%	66.9	67.3	0.4	0.6%	
53.1%	66.7	67.2	0.5	0.7%	
54.3%	66.7	67.1	0.4	0.6%	
55.6%	66.7	67.0	0.3	0.4%	
56.8%	66.7	66.9	0.2	0.3%	
58.0%	66.7	66.9	0.2	0.3%	
59.3%	66.6	66.9	0.3	0.5%	
60.5%	66.5	66.9	0.4	0.6%	
61.7%	66.5	66.8	0.3	0.5%	
63.0%	66.5	66.7	0.2	0.3%	
64.2%	66.5	66.7	0.2	0.3%	
65.4%	66.5	66.7	0.2	0.3%	
66.7%	66.4	66.6	0.2	0.3%	
67.9%	66.4	66.6	0.2	0.3%	
69.1%	66.3	66.6	0.3	0.5%	
70.4%	66.3	66.6	0.3	0.5%	
71.6%	66.3	66.5	0.2	0.3%	
72.8%	66.3	66.4	0.1	0.2%	
74.1%	66.3	66.4	0.1	0.2%	
75.3%	66.2	66.3	0.1	0.2%	
76.5%	66.2	66.3	0.1	0.2%	
77.8%	66.2	66.2	0.0	0.0%	
79.0%	66.2	66.2	0.0	0.0%	
80.2%	66.2	66.0	-0.2	-0.3%	
81.5%	66.2	66.0	-0.2	-0.3%	
82.7%	66.1	66.0	-0.1	-0.2%	
84.0%	66.1	66.0	-0.1	-0.2%	
85.2%	66.1	66.0	-0.1	-0.2%	
86.4%	66.0	66.0	0.0	0.0%	
87.7%	66.0	66.0	0.0	0.0%	
88.9%	66.0	65.9	-0.1	-0.2%	
90.1%	66.0	65.9	-0.1	-0.2%	
91.4%	66.0	65.9	-0.1	-0.2%	
92.6%	66.0	65.8	-0.2	-0.3%	
93.8%	65.8	65.8	0.0	0.0%	
95.1%	65.8	65.8	0.0	0.0%	
96.3%	65.7	65.7	0.0	0.0%	
97.5%	65.6	65.6	0.0	0.0%	
98.8%	65.5	65.4	-0.1	-0.2%	
100.0%	65.5	65.4	-0.1	-0.2%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	75.7	74.6	-1.1	-1.5%	
1.2%	73.6	73.5	-0.1	-0.1%	
2.5%	72.2	71.3	-0.9	-1.2%	
3.7%	71.7	71.2	-0.5	-0.8%	
4.9%	71.6	70.8	-0.8	-1.1%	
6.2%	71.5	70.7	-0.8	-1.1%	
7.4%	71.3	70.7	-0.6	-0.8%	
8.6%	71.2	70.4	-0.8	-1.1%	
9.9%	70.9	70.4	-0.5	-0.7%	
11.1%	70.7	69.9	-0.8	-1.1%	
12.3%	70.6	69.8	-0.8	-1.1%	
13.6%	70.2	69.7	-0.5	-0.7%	
14.8%	70.0	69.4	-0.6	-0.9%	
16.0%	69.8	69.3	-0.5	-0.7%	
17.3%	69.6	69.3	-0.3	-0.4%	
18.5%	69.5	69.2	-0.3	-0.4%	
19.8%	69.5	69.1	-0.4	-0.6%	
21.0%	69.3	69.1	-0.2	-0.3%	
22.2%	69.3	69.1	-0.2	-0.3%	
23.5%	69.2	68.9	-0.3	-0.4%	
24.7%	69.2	68.8	-0.4	-0.6%	
25.9%	69.2	68.7	-0.5	-0.7%	
27.2%	69.1	68.7	-0.4	-0.6%	
28.4%	69.1	68.7	-0.4	-0.6%	
29.6%	68.8	68.6	-0.2	-0.3%	
30.9%	68.8	68.6	-0.2	-0.3%	
32.1%	68.7	68.6	-0.1	-0.1%	
33.3%	68.6	68.5	-0.1	-0.1%	
34.5%	68.5	68.5	0.0	0.0%	
35.8%	68.5	68.5	0.0	0.0%	
37.0%	68.5	68.5	0.0	0.0%	
38.3%	68.3	68.2	-0.1	-0.1%	
39.5%	68.3	68.1	-0.2	-0.3%	
40.7%	68.2	68.1	-0.1	-0.1%	
42.0%	68.0	68.0	0.0	0.0%	
43.2%	67.9	67.9	0.0	0.0%	
44.4%	67.8	67.8	0.0	0.0%	
45.7%	67.8	67.8	0.0	0.0%	
46.9%	67.8	67.8	0.0	0.0%	
48.1%	67.7	67.7	0.0	0.0%	
49.4%	67.7	67.7	0.0	0.0%	
50.6%	67.5	67.6	0.1	0.1%	
51.9%	67.5	67.6	0.1	0.1%	
53.1%	67.5	67.6	0.1	0.1%	
54.3%	67.4	67.6	0.2	0.3%	
55.6%	67.4	67.6	0.2	0.3%	
56.8%	67.4	67.5	0.1	0.1%	
58.0%	67.3	67.5	0.2	0.3%	
59.3%	67.2	67.5	0.3	0.4%	
60.5%	67.1	67.4	0.3	0.4%	
61.7%	67.1	67.4	0.3	0.4%	
63.0%	67.1	67.4	0.3	0.4%	
64.2%	67.1	67.3	0.2	0.3%	
65.4%	67.2	67.2	0.0	0.0%	
66.7%	67.0	67.2	0.2	0.3%	
67.9%	67.0	67.2	0.2	0.3%	
69.1%	66.9	67.1	0.2	0.3%	
70.4%	66.9	67.1	0.2	0.3%	
71.6%	66.9	67.1	0.2	0.3%	
72.8%	66.8	67.0	0.2	0.3%	
74.1%	66.8	67.0	0.2	0.3%	
75.3%	66.8	66.9	0.1	0.1%	
76.5%	66.7	66.9	0.2	0.3%	
77.8%	66.7	66.8	0.1	0.1%	
79.0%	66.6	66.6	0.0	0.0%	
80.2%	66.6</				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative C	60.3	56.8	49.2	46.3	48.8	53.7	58.4	63.1	67.5	69.1	69.5	67.1
Difference	-0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2	-0.1	-0.1
Percent Difference ²	-0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.2%	-0.1%	-0.2%
Water Year Types ²												
Wet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative C	59.4	57.7	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.7	68.4	66.1
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.3	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.4%	0.1%
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative C	58.9	56.2	49.2	46.5	48.5	53.2	58.0	62.5	67.3	67.9	69.0	66.6
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Percent Difference	-0.4%	0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	-0.1%	0.0%	0.2%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative C	58.9	56.5	49.4	45.7	47.7	53.7	58.4	62.4	67.3	68.3	69.7	67.0
Difference	0.0	0.1	0.1	0.0	0.0	0.1	-0.1	-0.1	0.0	0.7	0.0	-0.6
Percent Difference	-0.1%	0.1%	0.2%	0.1%	-0.1%	0.3%	-0.1%	-0.2%	0.0%	1.1%	-0.1%	-0.8%
Dry (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative C	60.7	56.5	49.1	45.9	49.2	54.2	59.8	65.1	69.4	69.1	69.9	67.8
Difference	-0.3	0.1	0.2	0.0	-0.1	0.0	0.1	-0.2	0.1	0.1	0.3	0.0
Percent Difference	-0.6%	0.2%	0.4%	-0.1%	-0.2%	0.0%	0.1%	-0.2%	0.1%	0.1%	0.4%	0.0%
Critical (15%)												
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative C	64.5	55.9	47.5	46.5	51.1	55.8	60.9	65.9	70.0	72.3	71.4	68.7
Difference	0.1	0.2	0.1	0.1	0.1	-0.1	0.1	0.1	-0.4	-0.4	-0.4	-0.4
Percent Difference	0.1%	0.4%	0.3%	0.2%	0.3%	0.2%	-0.2%	0.1%	0.1%	-0.5%	-0.6%	-0.6%

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

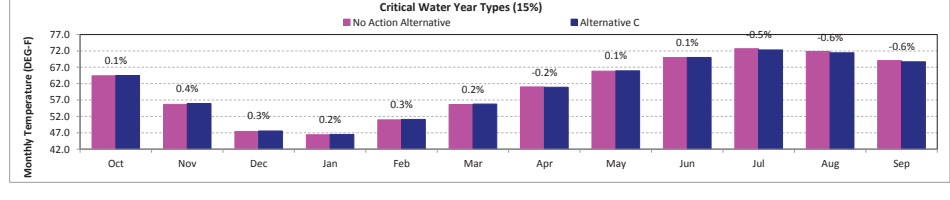
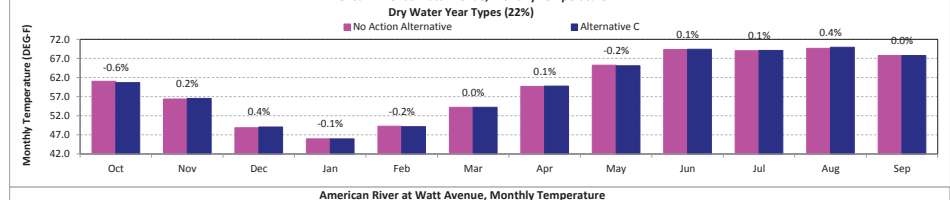
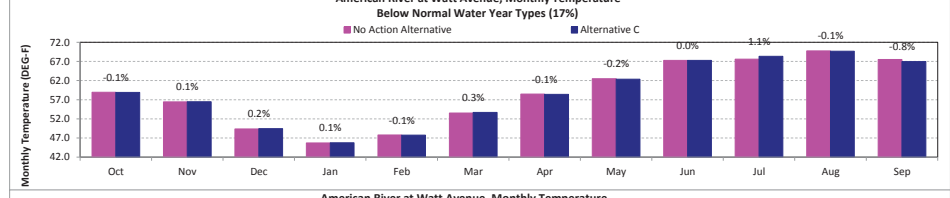
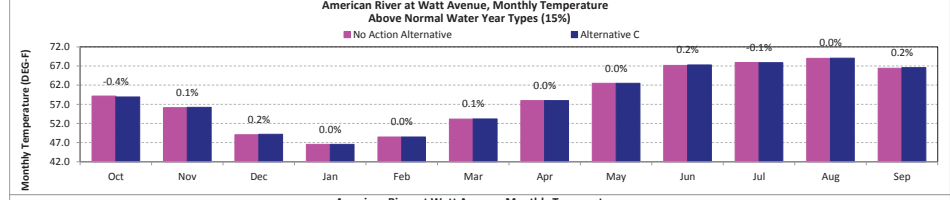
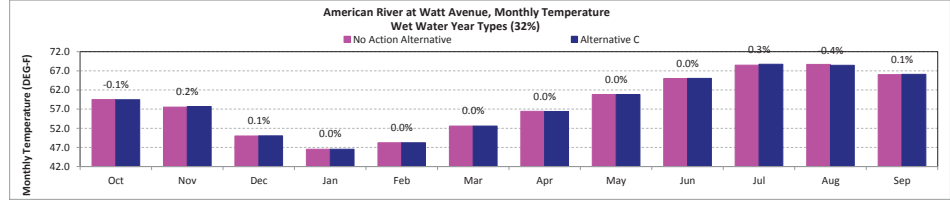
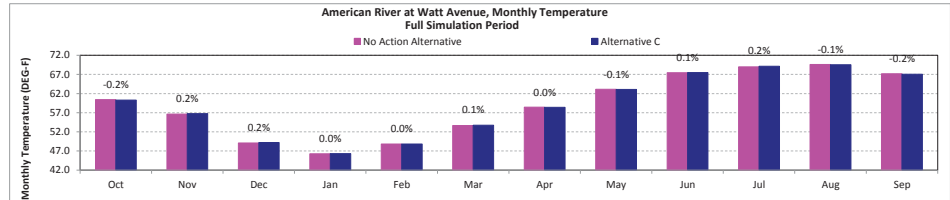


Figure SQ-19-7b
 American River at Watt Avenue, Monthly Temperature
 Probability of Exceedance

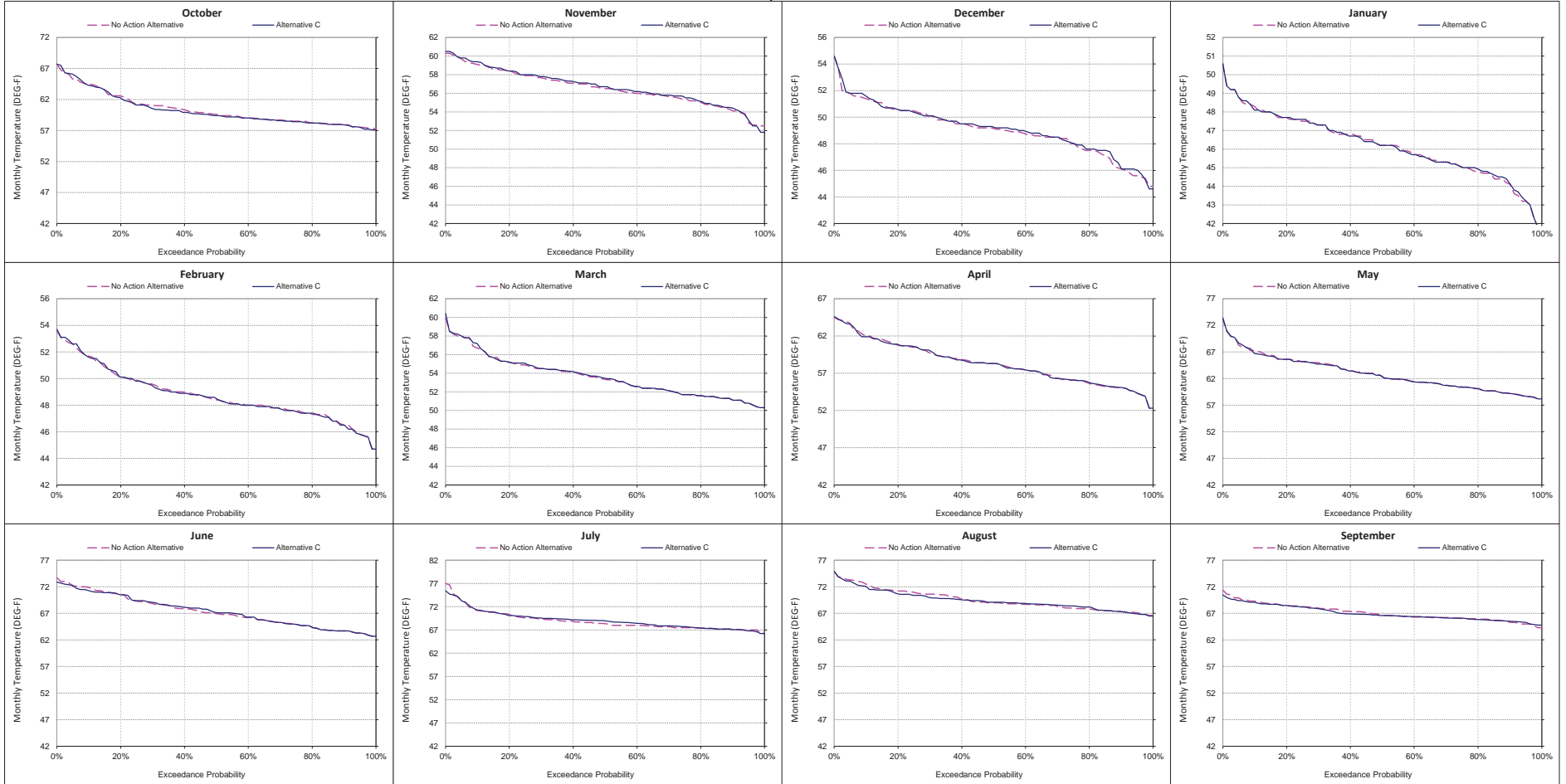


Table SQ-19-7b
American River at Watt Avenue, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.7	67.7	0.0	0.0%	
1.2%	66.8	67.5	0.7	1.0%	
2.5%	66.3	66.3	0.0	0.0%	
3.7%	66.2	66.2	0.0	0.0%	
4.9%	65.3	66.1	0.8	1.2%	
6.2%	65.3	65.7	0.4	0.6%	
7.4%	64.8	65.2	0.4	0.6%	
8.6%	64.6	64.6	0.0	0.0%	
9.9%	64.5	64.2	-0.3	-0.3%	
11.1%	64.4	64.2	-0.2	-0.3%	
12.3%	64.2	64.0	-0.2	-0.3%	
13.6%	63.8	63.9	0.1	0.2%	
14.8%	63.6	63.6	0.0	0.0%	
16.0%	62.8	63.2	0.4	0.6%	
17.3%	62.8	62.6	-0.2	-0.3%	
18.5%	62.6	62.4	-0.2	-0.3%	
19.8%	62.6	62.3	-0.3	-0.5%	
21.0%	62.4	61.9	-0.5	-0.8%	
22.2%	62.1	61.7	-0.4	-0.6%	
23.5%	61.6	61.5	-0.1	-0.2%	
24.7%	61.3	61.1	-0.2	-0.3%	
25.9%	61.1	61.1	0.0	0.0%	
27.2%	61.2	61.1	-0.1	-0.2%	
28.4%	61.1	60.9	-0.2	-0.3%	
29.6%	61.1	60.6	-0.5	-0.8%	
30.9%	61.0	60.4	-0.6	-1.0%	
32.1%	61.0	60.4	-0.6	-1.0%	
33.3%	61.0	60.3	-0.7	-1.1%	
34.5%	60.8	60.3	-0.5	-0.8%	
35.8%	60.7	60.2	-0.5	-0.8%	
37.0%	60.6	60.2	-0.4	-0.7%	
38.3%	60.5	60.2	-0.3	-0.5%	
39.5%	60.4	59.9	-0.5	-0.8%	
40.7%	60.2	59.9	-0.3	-0.5%	
42.0%	60.0	59.9	-0.2	-0.3%	
43.2%	60.0	59.7	-0.3	-0.5%	
44.4%	59.9	59.7	-0.2	-0.3%	
45.7%	59.9	59.6	-0.3	-0.5%	
46.9%	59.8	59.6	-0.2	-0.3%	
48.1%	59.7	59.5	-0.2	-0.3%	
49.4%	59.6	59.4	-0.2	-0.3%	
50.6%	59.6	59.4	-0.2	-0.3%	
51.9%	59.4	59.3	-0.1	-0.2%	
53.1%	59.4	59.2	-0.2	-0.3%	
54.3%	59.4	59.2	-0.2	-0.3%	
55.6%	59.3	59.2	-0.1	-0.2%	
56.8%	59.3	59.2	-0.1	-0.2%	
58.0%	59.1	59.0	-0.1	-0.2%	
59.3%	59.0	59.0	0.0	0.0%	
60.5%	59.0	59.0	0.0	0.0%	
61.7%	59.0	58.9	-0.1	-0.2%	
63.0%	58.9	58.9	0.0	0.0%	
64.2%	58.9	58.8	-0.1	-0.2%	
65.4%	58.8	58.8	0.0	0.0%	
66.7%	58.7	58.7	0.0	0.0%	
67.9%	58.7	58.7	0.0	0.0%	
69.1%	58.7	58.6	-0.1	-0.2%	
70.4%	58.7	58.6	-0.1	-0.2%	
71.6%	58.6	58.5	-0.1	-0.2%	
72.8%	58.6	58.5	-0.1	-0.2%	
74.1%	58.5	58.4	-0.1	-0.2%	
75.3%	58.5	58.4	-0.1	-0.2%	
76.5%	58.5	58.4	-0.1	-0.2%	
77.8%	58.5	58.3	-0.2	-0.3%	
79.0%	58.3	58.2	-0.1	-0.2%	
80.2%	58.2	58.2	0.0	0.0%	
81.5%	58.2	58.2	0.0	0.0%	
82.7%	58.2	58.1	-0.1	-0.2%	
84.0%	58.1	58.1	0.0	0.0%	
85.2%	58.1	58.0	-0.1	-0.2%	
86.4%	58.0	58.0	0.0	0.0%	
87.7%	58.0	58.0	0.0	0.0%	
88.9%	58.0	58.0	0.0	0.0%	
90.1%	58.0	57.9	-0.1	-0.2%	
91.4%	57.9	57.8	-0.1	-0.2%	
92.6%	57.6	57.6	0.0	0.0%	
93.8%	57.6	57.6	0.0	0.0%	
95.1%	57.5	57.5	0.0	0.0%	
96.3%	57.4	57.2	-0.2	-0.3%	
97.5%	57.4	57.2	-0.2	-0.3%	
98.8%	57.3	57.1	-0.2	-0.3%	
100.0%	57.3	57.1	-0.2	-0.3%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.3	60.5	0.2	0.3%	
1.2%	60.3	60.5	0.2	0.3%	
2.5%	60.1	60.2	0.2	0.3%	
3.7%	59.9	59.9	0.0	0.0%	
4.9%	59.7	59.8	0.1	0.2%	
6.2%	59.4	59.8	0.4	0.7%	
7.4%	59.3	59.5	0.2	0.3%	
8.6%	59.2	59.4	0.2	0.3%	
9.9%	59.1	59.4	0.3	0.5%	
11.1%	59.0	59.3	0.3	0.5%	
12.3%	59.0	59.0	0.0	0.0%	
13.6%	58.9	58.8	-0.1	-0.2%	
14.8%	58.6	58.8	0.2	0.3%	
16.0%	58.6	58.7	0.1	0.2%	
17.3%	58.5	58.7	0.2	0.3%	
18.5%	58.5	58.5	0.0	0.0%	
19.8%	58.4	58.4	0.0	0.0%	
21.0%	58.3	58.4	0.1	0.2%	
22.2%	58.1	58.3	0.2	0.3%	
23.5%	58.0	58.0	0.0	0.0%	
24.7%	57.9	58.0	0.1	0.2%	
25.9%	57.9	58.0	0.1	0.2%	
27.2%	57.9	58.0	0.1	0.2%	
28.4%	57.7	57.9	0.2	0.3%	
29.6%	57.7	57.8	0.1	0.2%	
30.9%	57.6	57.8	0.2	0.3%	
32.1%	57.5	57.7	0.2	0.3%	
33.3%	57.4	57.6	0.2	0.3%	
34.5%	57.4	57.6	0.2	0.3%	
35.8%	57.3	57.5	0.2	0.3%	
37.0%	57.3	57.4	0.1	0.2%	
38.3%	57.1	57.3	0.2	0.4%	
39.5%	57.1	57.3	0.2	0.4%	
40.7%	57.0	57.2	0.2	0.4%	
42.0%	57.0	57.1	0.1	0.2%	
43.2%	57.0	57.1	0.1	0.2%	
44.4%	57.0	57.1	0.1	0.2%	
45.7%	56.7	57.0	0.3	0.5%	
46.9%	56.7	57.0	0.3	0.5%	
48.1%	56.6	56.7	0.1	0.2%	
49.4%	56.5	56.7	0.2	0.4%	
50.6%	56.5	56.7	0.2	0.4%	
51.9%	56.5	56.5	0.0	0.0%	
53.1%	56.4	56.4	0.0	0.0%	
54.3%	56.3	56.4	0.1	0.2%	
55.6%	56.2	56.4	0.2	0.4%	
56.8%	56.1	56.4	0.3	0.5%	
58.0%	56.1	56.3	0.2	0.4%	
59.3%	56.0	56.2	0.2	0.4%	
60.5%	56.0	56.2	0.2	0.4%	
61.7%	55.9	56.1	0.2	0.4%	
63.0%	55.9	56.1	0.2	0.4%	
64.2%	55.9	56.0	0.1	0.2%	
65.4%	55.8	55.8	0.0	0.0%	
66.7%	55.8	55.9	0.1	0.2%	
67.9%	55.8	55.8	0.0	0.0%	
69.1%	55.7	55.8	0.1	0.2%	
70.4%	55.6	55.8	0.2	0.4%	
71.6%	55.6	55.7	0.1	0.2%	
72.8%	55.5	55.7	0.2	0.4%	
74.1%	55.4	55.7	0.3	0.5%	
75.3%	55.4	55.5	0.1	0.2%	
76.5%	55.2	55.5	0.3	0.5%	
77.8%	55.2	55.4	0.2	0.4%	
79.0%	55.1	55.2	0.1	0.2%	
80.2%	55.0	55.1	0.1	0.2%	
81.5%	54.8	54.9	0.1	0.2%	
82.7%	54.8	54.9	0.1	0.2%	
84.0%	54.7	54.7	0.0	0.0%	
85.2%	54.6	54.7	0.1	0.2%	
86.4%	54.5	54.6	0.1	0.2%	
87.7%	54.5	54.5	0.0	0.0%	
88.9%	54.3	54.5	0.2	0.4%	
90.1%	54.1	54.4	0.3	0.6%	
91.4%	54.1	54.2	0.1	0.2%	
92.6%	53.9	54.0	0.1	0.2%	
93.8%	53.8	53.7	-0.1	-0.2%	
95.1%	52.8	53.1	0.3	0.5%	
96.3%	52.8	53.1	0.3	0.5%	
97.5%	52.6	52.5	-0.1	-0.2%	
98.8%	52.5	51.8	-0.7	-1.3%	
100.0%	52.5	51.8	-0.7	-1.3%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.6	54.6	0.0	0.0%	
1.2%	53.8	53.7	-0.1	-0.2%	
2.5%	52.0	52.9	0.9	1.7%	
3.7%	51.9	51.9	0.0	0.0%	
4.9%	51.8	51.8	0.0	0.0%	
6.2%	51.6	51.8	0.2	0.4%	
7.4%	51.6	51.8	0.2	0.4%	
8.6%	51.5	51.8	0.3	0.6%	
9.9%	51.4	51.6	0.2	0.4%	
11.1%	51.3	51.4	0.1	0.2%	
12.3%	51.2	51.3	0.1	0.2%	
13.6%	51.1	51.1	0.0	0.0%	
14.8%	51.1	50.8	-0.3	-0.6%	
16.0%	50.8	50.7	-0.1	-0.2%	
17.3%	50.7	50.7	0.0	0.0%	
18.5%	50.6	50.6	0.0	0.0%	
19.8%	50.6	50.6	0.0	0.0%	
21.0%	50.5	50.5	0.0	0.0%	
22.2%	50.5	50.5	0.0	0.0%	
23.5%	50.5	50.5	0.0	0.0%	
24.7%	50.5	50.4	-0.1	-0.2%	
25.9%	50.4	50.4	0.0	0.0%	
27.2%	50.3	50.2	-0.1	-0.2%	
28.4%	50.3	50.1	-0.2	-0.4%	
29.6%	50.1	50.1	0.0	0.0%	
30.9%	50.1	50.1	0.0	0.0%	
32.1%	49.8	50.0	0.2	0.4%	
33.3%	49.8	49.9	0.1	0.2%	
34.5%	49.8	49.8	0.0	0.0%	
35.8%	49.8	49.7	-0.1	-0.2%	
37.0%	49.7	49.7	0.0	0.0%	
38.3%	49.5	49.7	0.2	0.4%	
39.5%	49.5	49.5	0.0	0.0%	
40.7%	49.5	49.5	0.0	0.0%	
42.0%	49.4	49.5	0.1	0.2%	
43.2%	49.3	49.5	0.2	0.4%	
44.4%	49.2	49.4	0.2	0.4%	
45.7%	49.2	49.3	0.1	0.2%	
46.9%	49.2	49.3	0.1	0.2%	
48.1%	49.2	49.3	0.1	0.2%	
49.4%	49.2	49.2	0.0	0.0%	
50.6%	49.1	49.2	0.1	0.2%	
51.9%	49.1	49.2	0.1	0.2%	
53.1%	49.0	49.2	0.2	0.4%	
54.3%	49.0	49.2	0.2	0.4%	
55.6%	48.9	49.1	0.2	0.4%	
56.8%	48.9	49.1	0.2	0.4%	
58.0%	48.9	49.0	0.1	0.2%	
59.3%	48.8	49.0	0.2	0.4%	
60.5%	48.7	48.9	0.2	0.4%	
61.7%	48.7	48.8	0.1	0.2%	
63.0%	48.6	48.8	0.2	0.4%	
64.2%	48.6	48.8	0.2	0.4%	
65.4%	48.6	48.6	0.0	0.0%	
66.7%	48.5	48.6	0.1	0.2%	
67.9%	48.5	48.5	0.0	0.0%	
69.1%	48.5	48.5	0.0	0.0%	
70.4%	48.4	48.5	0.1	0.2%	
71.6%	48.4	48.3	-0.1	-0.2%	
72.8%	48.4	48.2	-0.2	-0.4%	
74.1%	48.0	48.1	0.1	0.2%	
75.3%	48.0	48.0	0.0	0.0%	
76.5%	47.7	47.9	0.2	0.4%	
77.8%	47.6	47.9	0.3	0.6%	
79.0%	47.5	47.6	0.1	0.2%	
80.2%	47.5</				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.6	53.7	0.1	0.2%	
1.2%	53.1	53.1	0.0	0.0%	
2.5%	52.9	52.9	0.0	0.4%	
3.7%	52.7	52.9	0.2	-0.4%	
4.9%	52.6	52.6	0.0	0.0%	
6.2%	52.3	52.6	0.3	0.6%	
7.4%	52.0	52.1	0.1	0.2%	
8.6%	51.8	51.8	0.0	0.0%	
9.9%	51.7	51.6	-0.1	-0.2%	
11.1%	51.6	51.5	-0.1	-0.2%	
12.3%	51.3	51.5	0.2	0.4%	
13.6%	51.2	51.2	0.0	0.0%	
14.8%	50.9	51.1	0.2	0.4%	
16.0%	50.7	50.7	0.0	0.0%	
17.3%	50.5	50.6	0.1	0.2%	
18.5%	50.3	50.5	0.2	0.4%	
19.8%	50.1	50.1	0.0	0.0%	
21.0%	50.1	50.1	0.0	0.0%	
22.2%	50.0	50.0	0.0	0.0%	
23.5%	49.9	50.0	0.1	0.2%	
24.7%	49.9	49.8	-0.1	-0.2%	
25.9%	49.8	49.8	0.0	0.0%	
27.2%	49.7	49.7	0.0	0.0%	
28.4%	49.6	49.6	0.0	0.0%	
29.6%	49.6	49.5	-0.1	-0.2%	
30.9%	49.5	49.3	-0.2	-0.4%	
32.1%	49.3	49.2	-0.1	-0.2%	
33.3%	49.2	49.1	-0.1	-0.2%	
34.5%	49.2	49.1	-0.1	-0.2%	
35.8%	49.1	49.0	-0.1	-0.2%	
37.0%	49.0	49.0	0.0	0.0%	
38.3%	49.0	48.9	-0.1	-0.2%	
39.5%	49.0	48.9	-0.1	-0.2%	
40.7%	48.9	48.9	0.0	0.0%	
42.0%	48.9	48.8	-0.1	-0.2%	
43.2%	48.8	48.8	0.0	0.0%	
44.4%	48.7	48.8	0.1	0.2%	
45.7%	48.7	48.7	0.0	0.0%	
46.9%	48.6	48.6	0.0	0.0%	
48.1%	48.5	48.6	0.1	0.2%	
49.4%	48.4	48.6	0.2	0.4%	
50.6%	48.4	48.4	0.0	0.0%	
51.9%	48.3	48.3	0.0	0.0%	
53.1%	48.2	48.2	0.0	0.0%	
54.3%	48.2	48.1	-0.1	-0.2%	
55.6%	48.1	48.1	0.0	0.0%	
56.8%	48.1	48.1	0.0	0.0%	
58.0%	48.1	48.0	-0.1	-0.2%	
59.3%	48.0	48.0	0.0	0.0%	
60.5%	48.0	48.0	0.0	0.0%	
61.7%	48.0	48.0	0.0	0.0%	
63.0%	48.0	47.9	-0.1	-0.2%	
64.2%	48.0	47.9	-0.1	-0.2%	
65.4%	47.9	47.9	0.0	0.0%	
66.7%	47.8	47.9	0.1	0.2%	
67.9%	47.8	47.8	0.0	0.0%	
69.1%	47.8	47.8	0.0	0.0%	
70.4%	47.8	47.7	-0.1	-0.2%	
71.6%	47.7	47.6	-0.1	-0.2%	
72.8%	47.6	47.6	0.0	0.0%	
74.1%	47.6	47.6	0.0	0.0%	
75.3%	47.6	47.5	-0.1	-0.2%	
76.5%	47.5	47.4	-0.1	-0.2%	
77.8%	47.4	47.4	0.0	0.0%	
79.0%	47.4	47.4	0.0	0.0%	
80.2%	47.3	47.4	0.1	0.2%	
81.5%	47.3	47.3	0.0	0.0%	
82.7%	47.3	47.2	-0.1	-0.2%	
84.0%	47.3	47.1	-0.2	-0.4%	
85.2%	47.1	47.1	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%	46.6	46.5	-0.1	-0.2%	
90.1%	46.5	46.5	0.0	0.0%	
91.4%	46.5	46.2	-0.3	-0.6%	
92.6%	46.2	46.2	0.0	0.0%	
93.8%	46.0	45.9	-0.1	-0.2%	
95.1%	45.8	45.8	0.0	0.0%	
96.3%	45.7	45.7	0.0	0.0%	
97.5%	45.6	45.6	0.0	0.0%	
98.8%	44.7	44.7	0.0	0.0%	
100.0%	44.7	44.7	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.9	60.4	0.5	0.8%	
1.2%	58.6	58.5	-0.1	-0.2%	
2.5%	58.2	58.3	0.1	0.2%	
3.7%	58.0	58.2	0.2	0.3%	
4.9%	57.9	58.0	0.1	0.2%	
6.2%	57.8	57.8	0.0	0.0%	
7.4%	57.8	57.8	0.0	0.0%	
8.6%	56.9	57.3	0.4	0.7%	
9.9%	56.7	57.2	0.5	0.9%	
11.1%	56.6	56.6	0.0	0.0%	
12.3%	56.3	56.3	0.0	0.0%	
13.6%	55.8	55.8	0.0	0.0%	
14.8%	55.7	55.7	0.0	0.0%	
16.0%	55.7	55.5	-0.2	-0.4%	
17.3%	55.3	55.3	0.0	0.0%	
18.5%	55.2	55.3	0.1	0.2%	
19.8%	55.2	55.2	0.0	0.0%	
21.0%	55.1	55.1	0.0	0.0%	
22.2%	55.0	55.1	0.1	0.2%	
23.5%	54.9	55.1	0.2	0.4%	
24.7%	54.9	55.1	0.2	0.4%	
25.9%	54.8	54.9	0.1	0.2%	
27.2%	54.7	54.8	0.1	0.2%	
28.4%	54.5	54.6	0.1	0.2%	
29.6%	54.5	54.5	0.0	0.0%	
30.9%	54.5	54.5	0.0	0.0%	
32.1%	54.4	54.4	0.0	0.0%	
33.3%	54.4	54.4	0.0	0.0%	
34.5%	54.4	54.4	0.0	0.0%	
35.8%	54.2	54.3	0.1	0.2%	
37.0%	54.2	54.3	0.1	0.2%	
38.3%	54.2	54.2	0.0	0.0%	
39.5%	54.1	54.2	0.1	0.2%	
40.7%	54.1	54.1	0.0	0.0%	
42.0%	53.9	54.0	0.1	0.2%	
43.2%	53.8	53.9	0.1	0.2%	
44.4%	53.7	53.8	0.1	0.2%	
45.7%	53.6	53.7	0.1	0.2%	
46.9%	53.6	53.7	0.1	0.2%	
48.1%	53.4	53.6	0.2	0.4%	
49.4%	53.4	53.5	0.1	0.2%	
50.6%	53.3	53.4	0.1	0.2%	
51.9%	53.3	53.4	0.1	0.2%	
53.1%	53.2	53.3	0.1	0.2%	
54.3%	53.1	53.1	0.0	0.0%	
55.6%	53.1	53.1	0.0	0.0%	
56.8%	52.9	52.9	0.0	0.0%	
58.0%	52.7	52.7	0.0	0.0%	
59.3%	52.6	52.6	0.0	0.0%	
60.5%	52.5	52.6	0.1	0.2%	
61.7%	52.4	52.4	0.0	0.0%	
63.0%	52.4	52.4	0.0	0.0%	
64.2%	52.4	52.4	0.0	0.0%	
65.4%	52.3	52.4	0.1	0.2%	
66.7%	52.3	52.3	0.0	0.0%	
67.9%	52.3	52.3	0.0	0.0%	
69.1%	52.2	52.2	0.0	0.0%	
70.4%	52.1	52.1	0.0	0.0%	
71.6%	52.0	52.0	0.0	0.0%	
72.8%	51.9	51.9	0.0	0.0%	
74.1%	51.7	51.7	0.0	0.0%	
75.3%	51.7	51.7	0.0	0.0%	
76.5%	51.7	51.7	0.0	0.0%	
77.8%	51.6	51.7	0.1	0.2%	
79.0%	51.6	51.6	0.0	0.0%	
80.2%	51.6	51.6	0.0	0.0%	
81.5%	51.5	51.5	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%	51.4	51.4	0.0	0.0%	
86.4%	51.3	51.3	0.0	0.0%	
87.7%	51.3	51.3	0.0	0.0%	
88.9%	51.3	51.3	0.0	0.0%	
90.1%	51.1	51.1	0.0	0.0%	
91.4%	51.1	51.1	0.0	0.0%	
92.6%	51.1	51.1	0.0	0.0%	
93.8%	50.8	50.8	0.0	0.0%	
95.1%	50.8	50.8	0.0	0.0%	
96.3%	50.8	50.8	0.0	0.0%	
97.5%	50.4	50.4	0.0	0.0%	
98.8%	50.3	50.3	0.0	0.0%	
100.0%	50.3	50.3	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	64.5	64.6	0.1	0.2%	
1.2%	64.2	64.3	0.1	0.2%	
2.5%	64.1	64.9	0.8	1.2%	
3.7%	64.0	63.7	-0.3	-0.5%	
4.9%	63.7	63.6	-0.1	-0.2%	
6.2%	62.8	63.2	0.4	0.6%	
7.4%	62.7	62.4	-0.3	-0.5%	
8.6%	62.3	61.9	-0.4	-0.6%	
9.9%	62.0	61.9	-0.1	-0.2%	
11.1%	61.9	61.9	0.0	0.0%	
12.3%	61.7	61.6	-0.1	-0.2%	
13.6%	61.6	61.6	0.0	0.0%	
14.8%	61.6	61.3	-0.3	-0.5%	
16.0%	61.4	61.1	-0.3	-0.5%	
17.3%	61.2	61.0	-0.2	-0.3%	
18.5%	61.0	60.9	-0.1	-0.2%	
19.8%	60.8	60.9	0.1	0.2%	
21.0%	60.7	60.7	0.0	0.0%	
22.2%	60.7	60.7	0.0	0.0%	
23.5%	60.6	60.7	0.1	0.2%	
24.7%	60.5	60.6	0.1	0.2%	
25.9%	60.5	60.5	0.0	0.0%	
27.2%	60.2	60.2	0.0	0.0%	
28.4%	60.1	60.1	0.0	0.0%	
29.6%	59.8	60.1	0.3	0.5%	
30.9%	59.6	59.8	0.2	0.3%	
32.1%	59.4	59.4	0.0	0.0%	
33.3%	59.3	59.3	0.0	0.0%	
34.5%	59.2	59.2	0.0	0.0%	
35.8%	59.2	59.2	0.0	0.0%	
37.0%	59.0	59.0	0.0	0.0%	
38.3%	59.0	58.8	-0.2	-0.3%	
39.5%	58.8	58.8	0.0	0.0%	
40.7%	58.8	58.7	-0.1	-0.2%	
42.0%	58.7	58.5	-0.2	-0.3%	
43.2%	58.5	58.4	-0.1	-0.2%	
44.4%	58.4	58.4	0.0	0.0%	
45.7%	58.4	58.4	0.0	0.0%	
46.9%	58.4	58.4	0.0	0.0%	
48.1%	58.3	58.3	0.0	0.0%	
49.4%	58.3	58.3	0.0	0.0%	
50.6%	58.3	58.3	0.0	0.0%	
51.9%	58.3	58.2	-0.1	-0.2%	
53.1%	58.0	57.9	-0.1	-0.2%	
54.3%	57.9	57.7	-0.2	-0.3%	
55.6%	57.7	57.7	0.0	0.0%	
56.8%	57.6	57.6	0.0	0.0%	
58.0%	57.6	57.6	0.0	0.0%	
59.3%	57.5	57.5	0.0	0.0%	
60.5%	57.4	57.4	0.0	0.0%	
61.7%	57.3	57.3	0.0	0.0%	
63.0%	57.3	57.3	0.0	0.0%	
64.2%	57.2	57.2	0.0	0.0%	
65.4%	56.8	56.9	0.1	0.2%	
66.7%	56.8	56.8	0.0	0.0%	
67.9%	56.7	56.4	-0.3	-0.5%	
69.1%	56.4	56.3	-0.1	-0.2%	
70.4%	56.3	56.3	0.0	0.0%	
71.6%	56.2	56.2	0.0	0.0%	
72.8%	56.2	56.2	0.0	0.0%	
74.1%	56.1	56.1	0.0	0.0%	
75.3%	56.1	56.1	0.0	0.0%	
76.5%	56.0	56.0	0.0	0.0%	
77.8%	56.0	56.0	0.0	0.0%	
79.0%	55.8	55.9	0.1	0.2%	
80.2%	55.6</				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	73.7	72.9	-0.8	-1.1%	
1.2%	73.0	72.7	-0.3	-0.4%	
2.5%	73.0	72.5	-0.5	-0.7%	
3.7%	72.8	72.4	-0.4	-0.5%	
4.9%	72.1	72.3	0.2	0.3%	
6.2%	72.1	71.7	-0.4	-0.6%	
7.4%	72.0	71.5	-0.5	-0.7%	
8.6%	72.0	71.5	-0.5	-0.7%	
9.9%	71.9	71.3	-0.6	-0.8%	
11.1%	71.6	71.1	-0.5	-0.7%	
12.3%	71.3	71.0	-0.3	-0.4%	
13.6%	71.3	71.0	-0.3	-0.4%	
14.8%	71.0	70.9	-0.1	-0.1%	
16.0%	71.0	70.9	-0.1	-0.1%	
17.3%	70.8	70.9	0.1	0.1%	
18.5%	70.7	70.8	0.1	0.1%	
19.8%	70.6	70.5	-0.1	-0.1%	
21.0%	70.5	70.5	0.0	0.0%	
22.2%	69.7	70.4	0.7	1.0%	
23.5%	69.5	69.5	0.0	0.0%	
24.7%	69.3	69.4	0.1	0.1%	
25.9%	69.2	69.4	0.2	0.3%	
27.2%	69.2	69.4	0.2	0.3%	
28.4%	69.1	69.2	0.1	0.1%	
29.6%	68.9	69.1	0.2	0.3%	
30.9%	68.7	69.0	0.3	0.4%	
32.1%	68.7	68.7	0.0	0.0%	
33.3%	68.6	68.7	0.1	0.1%	
34.5%	68.5	68.6	0.1	0.1%	
35.8%	68.4	68.4	0.0	0.0%	
37.0%	68.0	68.4	0.4	0.6%	
38.3%	67.9	68.3	0.4	0.6%	
39.5%	67.9	68.2	0.3	0.4%	
40.7%	67.8	68.1	0.3	0.4%	
42.0%	67.8	68.0	0.2	0.3%	
43.2%	67.6	68.0	0.4	0.6%	
44.4%	67.6	68.0	0.4	0.6%	
45.7%	67.2	67.8	0.6	0.9%	
46.9%	67.1	67.8	0.7	1.0%	
48.1%	67.1	67.5	0.4	0.6%	
49.4%	67.0	67.2	0.2	0.3%	
50.6%	66.9	67.1	0.2	0.3%	
51.9%	66.8	67.1	0.3	0.4%	
53.1%	66.8	67.1	0.3	0.4%	
54.3%	66.8	67.1	0.3	0.4%	
55.6%	66.7	67.0	0.3	0.4%	
56.8%	66.4	66.9	0.5	0.8%	
58.0%	66.3	66.8	0.5	0.8%	
59.3%	66.2	66.3	0.1	0.2%	
60.5%	66.2	66.3	0.1	0.2%	
61.7%	66.2	66.3	0.1	0.2%	
63.0%	65.8	65.8	0.0	0.0%	
64.2%	65.8	65.8	0.0	0.0%	
65.4%	65.7	65.7	0.0	0.0%	
66.7%	65.6	65.5	-0.1	-0.2%	
67.9%	65.4	65.4	0.0	0.0%	
69.1%	65.3	65.3	0.0	0.0%	
70.4%	65.3	65.3	0.0	0.0%	
71.6%	65.1	65.1	0.0	0.0%	
72.8%	65.1	65.0	-0.1	-0.2%	
74.1%	65.0	65.0	0.0	0.0%	
75.3%	64.9	64.9	0.0	0.0%	
76.5%	64.7	64.7	0.0	0.0%	
77.8%	64.7	64.7	0.0	0.0%	
79.0%	64.7	64.7	0.0	0.0%	
80.2%	64.3	64.3	0.0	0.0%	
81.5%	64.2	64.2	0.0	0.0%	
82.7%	63.9	63.9	0.0	0.0%	
84.0%	63.9	63.9	0.0	0.0%	
85.2%	63.8	63.8	0.0	0.0%	
86.4%	63.8	63.8	0.0	0.0%	
87.7%	63.7	63.7	0.0	0.0%	
88.9%	63.7	63.7	0.0	0.0%	
90.1%	63.7	63.7	0.0	0.0%	
91.4%	63.7	63.7	0.0	0.0%	
92.6%	63.5	63.5	0.0	0.0%	
93.8%	63.3	63.3	0.0	0.0%	
95.1%	63.3	63.3	0.0	0.0%	
96.3%	63.2	63.2	0.0	0.0%	
97.5%	62.9	62.9	0.0	0.0%	
98.8%	62.7	62.7	0.0	0.0%	
100.0%	62.7	62.7	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	77.0	75.4	-1.6	-2.1%	
1.2%	76.7	74.7	-2.0	-2.6%	
2.5%	74.7	74.5	-0.2	-0.3%	
3.7%	74.2	74.2	0.0	0.0%	
4.9%	73.4	73.3	-0.1	-0.1%	
6.2%	73.0	72.9	-0.1	-0.1%	
7.4%	71.9	72.2	0.3	0.4%	
8.6%	71.5	71.7	0.2	0.3%	
9.9%	71.2	71.3	0.1	0.1%	
11.1%	71.1	71.2	0.1	0.1%	
12.3%	71.0	71.0	0.0	0.0%	
13.6%	70.8	70.9	0.1	0.1%	
14.8%	70.8	70.9	0.1	0.1%	
16.0%	70.7	70.7	0.0	0.0%	
17.3%	70.5	70.5	0.0	0.0%	
18.5%	70.5	70.4	-0.1	-0.1%	
19.8%	70.4	70.1	-0.3	-0.4%	
21.0%	70.0	70.1	0.1	0.1%	
22.2%	69.9	70.0	0.1	0.1%	
23.5%	69.7	70.0	0.3	0.4%	
24.7%	69.6	69.9	0.3	0.4%	
25.9%	69.4	69.2	-0.2	-0.3%	
27.2%	69.6	69.7	0.1	0.1%	
28.4%	69.5	69.6	0.1	0.1%	
29.6%	69.3	69.6	0.3	0.4%	
30.9%	69.3	69.5	0.2	0.3%	
32.1%	69.2	69.5	0.3	0.4%	
33.3%	69.2	69.5	0.3	0.4%	
34.5%	69.2	69.4	0.2	0.3%	
35.8%	69.0	69.4	0.4	0.6%	
37.0%	68.9	69.3	0.4	0.6%	
38.3%	68.9	69.3	0.4	0.6%	
39.5%	68.9	69.2	0.3	0.4%	
40.7%	68.7	69.2	0.5	0.7%	
42.0%	68.7	69.2	0.5	0.7%	
43.2%	68.6	69.1	0.5	0.7%	
44.4%	68.6	69.1	0.5	0.7%	
45.7%	68.6	69.1	0.5	0.7%	
46.9%	68.4	69.1	0.7	1.0%	
48.1%	68.4	69.0	0.6	0.9%	
49.4%	68.2	69.0	0.8	1.2%	
50.6%	68.3	68.9	0.6	0.9%	
51.9%	68.0	68.8	0.8	1.2%	
53.1%	68.0	68.7	0.7	1.0%	
54.3%	68.0	68.7	0.7	1.0%	
55.6%	68.0	68.6	0.6	0.9%	
56.8%	68.0	68.6	0.6	0.9%	
58.0%	68.0	68.5	0.5	0.7%	
59.3%	68.0	68.5	0.5	0.7%	
60.5%	68.0	68.4	0.4	0.6%	
61.7%	68.0	68.4	0.4	0.6%	
63.0%	67.9	68.2	0.3	0.4%	
64.2%	67.8	68.1	0.3	0.4%	
65.4%	67.8	68.1	0.3	0.4%	
66.7%	67.7	67.9	0.2	0.3%	
67.9%	67.7	67.9	0.2	0.3%	
69.1%	67.7	67.9	0.2	0.3%	
70.4%	67.7	67.9	0.2	0.3%	
71.6%	67.5	67.8	0.3	0.4%	
72.8%	67.5	67.8	0.3	0.4%	
74.1%	67.5	67.7	0.2	0.3%	
75.3%	67.5	67.7	0.2	0.3%	
76.5%	67.5	67.6	0.1	0.1%	
77.8%	67.5	67.5	0.0	0.0%	
79.0%	67.4	67.5	0.1	0.1%	
80.2%	67.4	67.4	0.0	0.0%	
81.5%	67.4	67.3	-0.1	-0.1%	
82.7%	67.4	67.3	-0.1	-0.1%	
84.0%	67.3	67.3	0.0	0.0%	
85.2%	67.2	67.2	0.0	0.0%	
86.4%	67.2	67.2	0.0	0.0%	
87.7%	67.2	67.2	0.0	0.0%	
88.9%	67.2	67.2	0.0	0.0%	
90.1%	67.1	67.1	0.0	0.0%	
91.4%	67.1	67.1	0.0	0.0%	
92.6%	67.0	67.1	0.1	0.1%	
93.8%	67.0	66.9	-0.1	-0.1%	
95.1%	67.0	66.8	-0.2	-0.3%	
96.3%	67.2	67.2	0.0	0.0%	
97.5%	66.0	66.6	-0.4	-0.6%	
98.8%	66.4	66.2	-0.2	-0.3%	
100.0%	66.4	66.2	-0.2	-0.3%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	74.9	74.9	0.0	0.0%	
1.2%	73.9	73.9	0.0	0.0%	
2.5%	73.7	73.5	-0.2	-0.3%	
3.7%	73.4	73.1	-0.3	-0.4%	
4.9%	73.3	73.1	-0.2	-0.3%	
6.2%	73.2	72.7	-0.5	-0.7%	
7.4%	73.0	72.3	-0.7	-1.0%	
8.6%	72.9	72.2	-0.7	-1.0%	
9.9%	72.5	72.1	-0.4	-0.6%	
11.1%	72.4	71.5	-0.9	-1.2%	
12.3%	71.8	71.5	-0.3	-0.4%	
13.6%	71.7	71.4	-0.3	-0.4%	
14.8%	71.6	71.4	-0.2	-0.3%	
16.0%	71.4	71.4	0.0	0.0%	
17.3%	71.4	71.3	-0.1	-0.1%	
18.5%	71.3	71.0	-0.3	-0.4%	
19.8%	71.2	70.7	-0.5	-0.7%	
21.0%	71.2	70.6	-0.6	-0.8%	
22.2%	71.2	70.6	-0.6	-0.8%	
23.5%	71.0	70.6	-0.4	-0.6%	
24.7%	71.0	70.4	-0.6	-0.8%	
25.9%	70.8	70.3	-0.5	-0.7%	
27.2%	70.7	70.4	-0.3	-0.4%	
28.4%	70.6	70.3	-0.3	-0.4%	
29.6%	70.6	70.0	-0.6	-0.8%	
30.9%	70.6	69.9	-0.7	-1.0%	
32.1%	70.6	69.9	-0.7	-1.0%	
33.3%	70.5	69.8	-0.7	-1.0%	
34.5%	70.5	69.8	-0.7	-1.0%	
35.8%	70.3	69.8	-0.5	-0.7%	
37.0%	70.1	69.7	-0.4	-0.6%	
38.3%	70.1	69.7	-0.4	-0.6%	
39.5%	69.8	69.6	-0.2	-0.3%	
40.7%	69.6	69.5	-0.1	-0.1%	
42.0%	69.5	69.5	0.0	0.0%	
43.2%	69.2	69.4	0.2	0.3%	
44.4%	69.2	69.4	0.2	0.3%	
45.7%	69.1	69.4	0.3	0.4%	
46.9%	69.1	69.3	0.2	0.3%	
48.1%	69.0	69.1	0.1	0.1%	
49.4%	69.0	69.1	0.1	0.1%	
50.6%	69.0	69.1	0.1	0.1%	
51.9%	69.0	69.1	0.1	0.1%	
53.1%	68.8	69.1	0.3	0.4%	
54.3%	68.8	69.0	0.2	0.3%	
55.6%	68.8	69.0	0.2	0.3%	
56.8%	68.8	69.0	0.2	0.3%	
58.0%	68.7	68.9	0.2	0.3%	
59.3%	68.7	68.9	0.2	0.3%	
60.5%	68.7	68.8	0.1	0.1%	
61.7%	68.7	68.8	0.1	0.1%	
63.0%	68.6	68.8	0.2	0.3%	
64.2%	68.6	68.7	0.1	0.1%	
65.4%	68.6	68.7	0.1	0.1%	
66.7%	68.6	68.7	0.1	0.1%	
67.9%	68.5	68.6	0.1	0.1%	
69.1%	68.5	68.6	0.1	0.1%	
70.4%	68.2	68.5	0.3	0.4%	
71.6%	68.1	68.5	0.4	0.6%	
72.8%	68.0	68.4	0.4	0.6%	
74.1%	68.0	68.4	0.4	0.6%	
75.3%	67.9	68.4	0.5	0.7%	
76.5%	67.9	68.3	0.4	0.6%	
77.8%	67.9	68.2	0.3	0.4%	
79.0%	67.9	68.2	0.3	0.4%	
80.2%	67.8</				

Table SQ-20-7a
 American River at the Mouth, Monthly Temperature
 Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.6
Alternative C	60.7	56.4	48.7	46.1	49.0	54.0	58.9	63.7	68.2	70.0	70.3	67.5
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	-0.1	-0.1
Percent Difference ³	-0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.1%	0.3%	-0.1%	-0.1%
Water Year Types ²												
Wet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative C	59.9	57.4	49.6	46.5	48.4	52.8	56.8	61.4	65.6	69.5	69.2	66.5
Difference	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.3	0.1
Percent Difference	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.4%	0.2%
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.8
Alternative C	59.4	55.8	48.7	46.4	48.6	53.4	58.4	63.2	68.1	68.6	69.7	67.0
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1
Percent Difference	-0.3%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.2%
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative C	59.4	56.1	49.0	45.5	47.9	54.0	58.9	63.0	68.1	69.1	70.5	67.4
Difference	0.0	0.1	0.1	0.0	0.0	0.1	-0.1	-0.1	0.0	0.8	0.0	-0.6
Percent Difference	0.0%	0.1%	0.1%	0.1%	-0.1%	0.2%	-0.1%	-0.2%	0.0%	1.2%	0.0%	-0.9%
Dry (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative C	61.0	56.1	48.6	45.6	49.4	54.7	60.4	65.7	70.2	70.0	70.7	68.2
Difference	-0.3	0.1	0.2	-0.1	-0.1	0.0	0.1	-0.1	0.1	0.1	0.3	0.0
Percent Difference	-0.5%	0.2%	0.5%	-0.1%	-0.2%	0.1%	0.1%	-0.2%	0.1%	0.2%	0.4%	0.0%
Critical (15%)												
No Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative C	64.3	55.4	46.9	46.3	51.4	56.1	61.6	66.6	70.5	73.1	72.2	69.1
Difference	0.1	0.2	0.1	0.1	0.1	0.1	-0.1	0.1	0.1	-0.3	-0.4	-0.3
Percent Difference	0.1%	0.4%	0.2%	0.2%	0.2%	0.1%	-0.2%	0.1%	0.2%	-0.4%	-0.6%	-0.4%

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

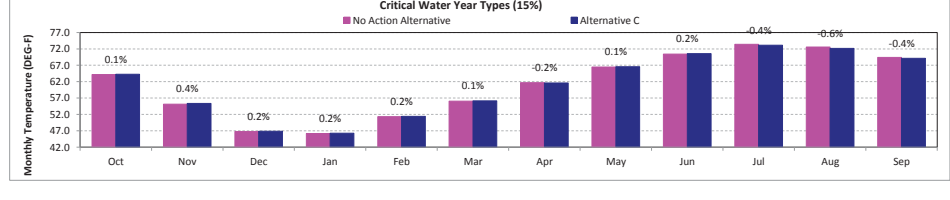
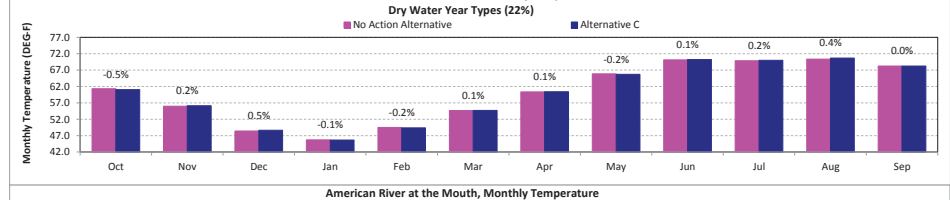
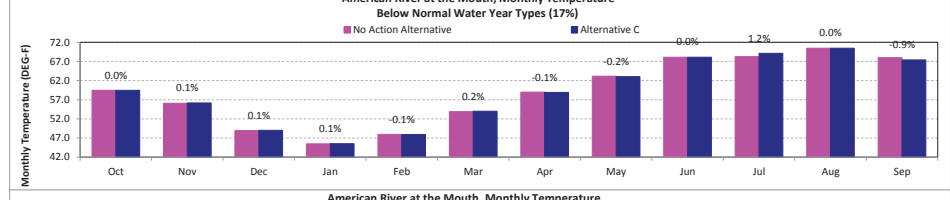
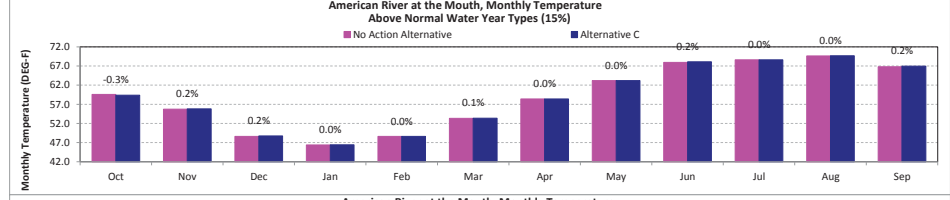
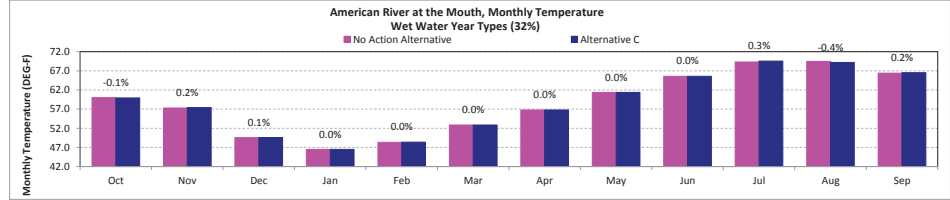
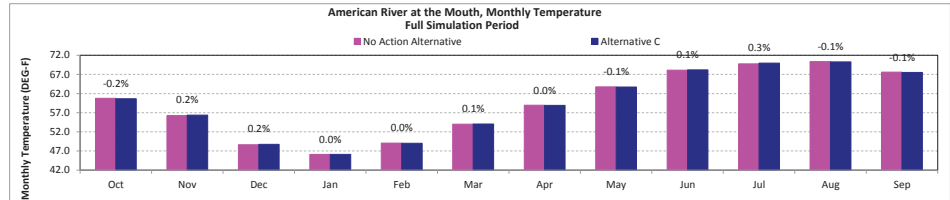


Figure SQ-20-7b
 American River at the Mouth, Monthly Temperature
 Probability of Exceedance

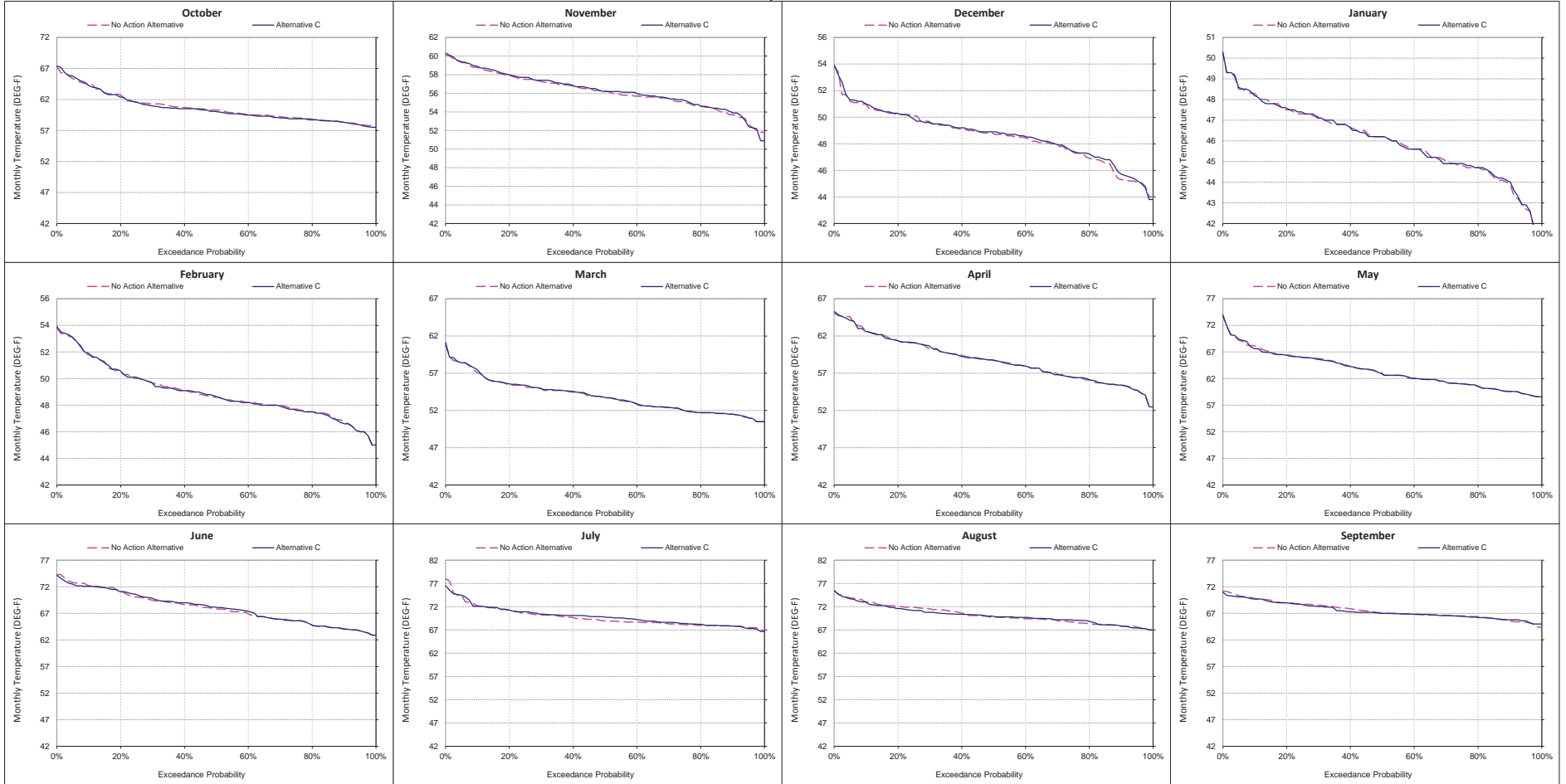


Table SQ-20-7b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.3	67.4	0.1	0.1%	
1.2%	66.3	67.2	0.9	1.4%	
2.5%	66.3	66.3	0.0	0.0%	
3.7%	65.8	65.8	0.0	0.0%	
4.9%	65.4	65.8	0.4	0.6%	
6.2%	65.0	65.4	0.4	0.6%	
7.4%	64.8	65.0	0.2	0.3%	
8.6%	64.6	64.8	0.2	0.3%	
9.9%	64.5	64.3	-0.2	-0.3%	
11.1%	64.4	64.0	-0.4	-0.6%	
12.3%	63.7	63.9	0.2	0.3%	
13.6%	63.7	63.7	0.0	0.0%	
14.8%	63.1	63.1	0.0	0.0%	
16.0%	62.9	62.8	-0.1	-0.2%	
17.3%	62.9	62.8	-0.1	-0.2%	
18.5%	62.9	62.8	-0.1	-0.2%	
19.8%	62.8	62.4	-0.4	-0.6%	
21.0%	62.3	62.3	0.0	0.0%	
22.2%	62.1	61.8	-0.3	-0.5%	
23.5%	61.7	61.7	0.0	0.0%	
24.7%	61.6	61.6	0.0	0.0%	
25.9%	61.4	61.4	0.0	0.0%	
27.2%	61.4	61.2	-0.2	-0.3%	
28.4%	61.4	61.1	-0.3	-0.5%	
29.6%	61.3	61.0	-0.3	-0.5%	
30.9%	61.3	60.9	-0.4	-0.7%	
32.1%	61.3	60.8	-0.5	-0.8%	
33.3%	61.2	60.7	-0.5	-0.8%	
34.5%	61.1	60.7	-0.4	-0.7%	
35.8%	60.9	60.6	-0.3	-0.5%	
37.0%	60.8	60.6	-0.2	-0.3%	
38.3%	60.8	60.5	-0.3	-0.5%	
39.5%	60.7	60.5	-0.2	-0.3%	
40.7%	60.7	60.5	-0.2	-0.3%	
42.0%	60.5	60.5	0.0	0.0%	
43.2%	60.6	60.5	-0.1	-0.2%	
44.4%	60.5	60.4	-0.1	-0.2%	
45.7%	60.5	60.3	-0.2	-0.3%	
46.9%	60.4	60.3	-0.1	-0.2%	
48.1%	60.3	60.1	-0.2	-0.3%	
49.4%	60.3	60.1	-0.2	-0.3%	
50.6%	60.3	60.0	-0.3	-0.5%	
51.9%	60.2	59.9	-0.3	-0.5%	
53.1%	60.0	59.8	-0.2	-0.3%	
54.3%	59.9	59.7	-0.2	-0.3%	
55.6%	59.9	59.7	-0.2	-0.3%	
56.8%	59.8	59.7	-0.1	-0.2%	
58.0%	59.7	59.6	-0.1	-0.2%	
59.3%	59.6	59.5	-0.1	-0.2%	
60.5%	59.5	59.5	0.0	0.0%	
61.7%	59.5	59.4	-0.1	-0.2%	
63.0%	59.5	59.3	-0.2	-0.3%	
64.2%	59.3	59.3	0.0	0.0%	
65.4%	59.3	59.3	0.0	0.0%	
66.7%	59.4	59.3	-0.1	-0.2%	
67.9%	59.3	59.1	-0.2	-0.3%	
69.1%	59.3	59.1	-0.2	-0.3%	
70.4%	59.2	59.0	-0.2	-0.3%	
71.6%	59.1	59.0	-0.1	-0.2%	
72.8%	59.1	58.9	-0.2	-0.3%	
74.1%	59.1	58.9	-0.2	-0.3%	
75.3%	59.0	58.9	-0.1	-0.2%	
76.5%	59.0	58.9	-0.1	-0.2%	
77.8%	58.9	58.9	0.0	0.0%	
79.0%	58.9	58.7	-0.2	-0.3%	
80.2%	58.8	58.7	-0.1	-0.2%	
81.5%	58.7	58.7	0.0	0.0%	
82.7%	58.7	58.6	-0.1	-0.2%	
84.0%	58.6	58.6	0.0	0.0%	
85.2%	58.5	58.6	0.1	0.2%	
86.4%	58.5	58.5	0.0	0.0%	
87.7%	58.5	58.5	0.0	0.0%	
88.9%	58.4	58.4	0.0	0.0%	
90.1%	58.3	58.3	0.0	0.0%	
91.4%	58.2	58.2	0.0	0.0%	
92.6%	58.2	58.1	-0.1	-0.2%	
93.8%	58.1	58.0	-0.1	-0.2%	
95.1%	58.0	57.9	-0.1	-0.2%	
96.3%	58.5	57.7	-0.8	-1.3%	
97.5%	57.6	57.6	0.0	0.0%	
98.8%	57.8	57.5	-0.3	-0.5%	
100.0%	57.8	57.5	-0.3	-0.5%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.1	60.3	0.2	0.3%	
1.2%	60.0	60.1	0.1	0.2%	
2.5%	59.7	59.8	0.2	0.3%	
3.7%	59.6	59.8	0.1	0.2%	
4.9%	59.3	59.4	0.1	0.2%	
6.2%	59.3	59.3	0.0	0.0%	
7.4%	59.0	59.2	0.2	0.3%	
8.6%	58.8	59.0	0.2	0.3%	
9.9%	58.8	58.9	0.1	0.2%	
11.1%	58.6	58.7	0.1	0.2%	
12.3%	58.5	58.7	0.2	0.3%	
13.6%	58.4	58.6	0.2	0.3%	
14.8%	58.3	58.5	0.2	0.3%	
16.0%	58.2	58.4	0.2	0.3%	
17.3%	58.1	58.2	0.1	0.2%	
18.5%	58.0	58.1	0.1	0.2%	
19.8%	58.0	58.0	0.0	0.0%	
21.0%	57.8	57.9	0.1	0.2%	
22.2%	57.7	57.8	0.1	0.2%	
23.5%	57.5	57.7	0.2	0.3%	
24.7%	57.5	57.7	0.2	0.3%	
25.9%	57.2	57.5	0.3	0.5%	
27.2%	57.5	57.5	0.0	0.0%	
28.4%	57.4	57.4	0.0	0.0%	
29.6%	57.3	57.4	0.1	0.2%	
30.9%	57.2	57.4	0.2	0.3%	
32.1%	57.1	57.4	0.3	0.5%	
33.3%	57.1	57.3	0.2	0.4%	
34.5%	57.1	57.1	0.0	0.0%	
35.8%	56.9	57.1	0.2	0.4%	
37.0%	56.9	57.0	0.1	0.2%	
38.3%	56.9	57.0	0.1	0.2%	
39.5%	56.8	56.9	0.1	0.2%	
40.7%	56.7	56.7	0.0	0.0%	
42.0%	56.6	56.7	0.1	0.2%	
43.2%	56.5	56.7	0.2	0.4%	
44.4%	56.5	56.6	0.1	0.2%	
45.7%	56.4	56.5	0.1	0.2%	
46.9%	56.3	56.5	0.2	0.4%	
48.1%	56.3	56.3	0.0	0.0%	
49.4%	56.2	56.2	0.0	0.0%	
50.6%	56.2	56.2	0.0	0.0%	
51.9%	56.1	56.2	0.1	0.2%	
53.1%	55.9	56.2	0.3	0.5%	
54.3%	55.9	56.2	0.3	0.5%	
55.6%	55.8	56.1	0.3	0.5%	
56.8%	55.8	56.1	0.3	0.5%	
58.0%	55.8	56.1	0.3	0.5%	
59.3%	55.7	56.1	0.4	0.7%	
60.5%	55.7	55.9	0.2	0.4%	
61.7%	55.6	55.8	0.2	0.4%	
63.0%	55.6	55.8	0.2	0.4%	
64.2%	55.6	55.7	0.1	0.2%	
65.4%	55.6	55.7	0.1	0.2%	
66.7%	55.5	55.6	0.1	0.2%	
67.9%	55.5	55.6	0.1	0.2%	
69.1%	55.5	55.5	0.0	0.0%	
70.4%	55.4	55.4	0.0	0.0%	
71.6%	55.2	55.4	0.2	0.4%	
72.8%	55.1	55.3	0.2	0.4%	
74.1%	55.1	55.3	0.2	0.4%	
75.3%	55.0	55.2	0.2	0.4%	
76.5%	54.9	55.0	0.1	0.2%	
77.8%	54.7	54.8	0.1	0.2%	
79.0%	54.7	54.8	0.1	0.2%	
80.2%	54.6	54.6	0.0	0.0%	
81.5%	54.5	54.6	0.1	0.2%	
82.7%	54.5	54.5	0.0	0.0%	
84.0%	54.4	54.4	0.0	0.0%	
85.2%	54.2	54.4	0.2	0.4%	
86.4%	54.0	54.3	0.3	0.6%	
87.7%	54.0	54.3	0.3	0.6%	
88.9%	53.7	54.1	0.4	0.7%	
90.1%	53.7	53.9	0.2	0.4%	
91.4%	53.5	53.9	0.4	0.7%	
92.6%	53.4	53.6	0.2	0.4%	
93.8%	53.3	53.1	-0.2	-0.4%	
95.1%	52.6	52.4	-0.2	-0.4%	
96.3%	52.7	52.3	-0.4	-0.7%	
97.5%	52.0	52.2	0.2	0.4%	
98.8%	51.8	50.9	-0.9	-1.7%	
100.0%	51.8	50.9	-0.9	-1.7%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.9	53.9	0.0	0.0%	
1.2%	53.4	53.2	-0.2	-0.4%	
2.5%	51.7	52.6	0.9	1.7%	
3.7%	51.7	51.7	0.0	0.0%	
4.9%	51.2	51.3	0.1	0.2%	
6.2%	51.1	51.3	0.2	0.4%	
7.4%	51.1	51.2	0.1	0.2%	
8.6%	51.0	51.2	0.2	0.4%	
9.9%	51.0	51.0	0.0	0.0%	
11.1%	50.6	50.9	0.3	0.6%	
12.3%	50.6	50.7	0.1	0.2%	
13.6%	50.5	50.6	0.1	0.2%	
14.8%	50.5	50.5	0.0	0.0%	
16.0%	50.4	50.4	0.0	0.0%	
17.3%	50.3	50.4	0.1	0.2%	
18.5%	50.3	50.3	0.0	0.0%	
19.8%	50.2	50.3	0.1	0.2%	
21.0%	50.2	50.2	0.0	0.0%	
22.2%	50.2	50.2	0.0	0.0%	
23.5%	50.2	50.1	-0.1	-0.2%	
24.7%	50.1	49.9	-0.2	-0.4%	
25.9%	50.1	49.7	-0.4	-0.8%	
27.2%	49.7	49.7	0.0	0.0%	
28.4%	49.7	49.6	-0.1	-0.2%	
29.6%	49.7	49.6	-0.1	-0.2%	
30.9%	49.5	49.5	0.0	0.0%	
32.1%	49.4	49.5	0.1	0.2%	
33.3%	49.4	49.5	0.1	0.2%	
34.5%	49.4	49.4	0.0	0.0%	
35.8%	49.4	49.4	0.0	0.0%	
37.0%	49.2	49.3	0.1	0.2%	
38.3%	49.2	49.2	0.0	0.0%	
39.5%	49.1	49.2	0.1	0.2%	
40.7%	49.1	49.2	0.1	0.2%	
42.0%	49.0	49.1	0.1	0.2%	
43.2%	49.0	49.1	0.1	0.2%	
44.4%	48.9	49.0	0.1	0.2%	
45.7%	48.9	48.9	0.0	0.0%	
46.9%	48.8	48.9	0.1	0.2%	
48.1%	48.8	48.9	0.1	0.2%	
49.4%	48.8	48.9	0.1	0.2%	
50.6%	48.7	48.9	0.2	0.4%	
51.9%	48.7	48.8	0.1	0.2%	
53.1%	48.7	48.8	0.1	0.2%	
54.3%	48.6	48.7	0.1	0.2%	
55.6%	48.6	48.7	0.1	0.2%	
56.8%	48.5	48.7	0.2	0.4%	
58.0%	48.5	48.6	0.1	0.2%	
59.3%	48.5	48.6	0.1	0.2%	
60.5%	48.4	48.5	0.1	0.2%	
61.7%	48.2	48.5	0.3	0.6%	
63.0%	48.2	48.4	0.2	0.4%	
64.2%	48.1	48.3	0.2	0.4%	
65.4%	48.1	48.2	0.1	0.2%	
66.7%	48.1	48.2	0.1	0.2%	
67.9%	48.0	48.1	0.1	0.2%	
69.1%	48.0	48.0	0.0	0.0%	
70.4%	47.8	47.9	0.1	0.2%	
71.6%	47.8	47.9	0.1	0.2%	
72.8%	47.6	47.7	0.1	0.2%	
74.1%	47.5	47.5	0.0	0.0%	
75.3%	47.3	47.4	0.1	0.2%	
76.5%	47.3	47.3	0.0	0.0%	
77.8%	47.3	47.3	0.0	0.0%	
79.0%	47.0	47.3	0.3	0.6%	
80.2%	46.9</				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.8	53.9	0.1	0.2%	
1.2%	53.4	53.5	0.1	0.2%	
2.5%	53.3	53.3	0.1	0.2%	
3.7%	53.2	53.3	0.1	0.2%	
4.9%	53.1	53.1	0.0	0.0%	
6.2%	52.7	52.8	0.1	0.2%	
7.4%	52.5	52.4	-0.1	-0.2%	
8.6%	51.9	52.0	0.1	0.2%	
9.9%	51.8	51.9	0.1	0.2%	
11.1%	51.7	51.6	-0.1	-0.2%	
12.3%	51.5	51.6	0.1	0.2%	
13.6%	51.4	51.4	0.0	0.0%	
14.8%	51.3	51.2	-0.1	-0.2%	
16.0%	50.8	51.0	0.2	0.4%	
17.3%	50.7	50.7	0.0	0.0%	
18.5%	50.6	50.7	0.1	0.2%	
19.8%	50.6	50.6	0.0	0.0%	
21.0%	50.3	50.3	0.0	0.0%	
22.2%	50.3	50.1	-0.2	-0.4%	
23.5%	50.1	50.1	0.0	0.0%	
24.7%	50.0	50.1	0.1	0.2%	
25.0%	50.0	50.0	0.0	0.0%	
27.2%	49.9	49.9	0.0	0.0%	
28.4%	49.8	49.8	0.0	0.0%	
29.6%	49.7	49.7	0.0	0.0%	
30.9%	49.6	49.4	-0.2	-0.4%	
32.1%	49.6	49.4	-0.2	-0.4%	
33.3%	49.4	49.3	-0.1	-0.2%	
34.5%	49.4	49.3	-0.1	-0.2%	
35.8%	49.3	49.3	0.0	0.0%	
37.0%	49.3	49.2	-0.1	-0.2%	
38.3%	49.2	49.1	-0.1	-0.2%	
39.5%	49.1	49.1	0.0	0.0%	
40.7%	49.1	49.1	0.0	0.0%	
42.0%	49.1	49.0	-0.1	-0.2%	
43.2%	49.0	49.0	0.0	0.0%	
44.4%	48.8	49.0	0.2	0.4%	
45.7%	48.8	48.9	0.1	0.2%	
46.9%	48.7	48.8	0.1	0.2%	
48.1%	48.7	48.8	0.1	0.2%	
49.4%	48.6	48.7	0.1	0.2%	
50.6%	48.6	48.6	0.0	0.0%	
51.9%	48.5	48.5	0.0	0.0%	
53.1%	48.4	48.4	0.0	0.0%	
54.3%	48.4	48.3	-0.1	-0.2%	
55.6%	48.3	48.3	0.0	0.0%	
56.8%	48.3	48.3	0.0	0.0%	
58.0%	48.3	48.2	-0.1	-0.2%	
59.3%	48.2	48.2	0.0	0.0%	
60.5%	48.2	48.2	0.0	0.0%	
61.7%	48.2	48.1	-0.1	-0.2%	
63.0%	48.1	48.1	0.0	0.0%	
64.2%	48.1	48.0	-0.1	-0.2%	
65.4%	48.0	48.0	0.0	0.0%	
66.7%	48.0	48.0	0.0	0.0%	
67.9%	48.0	48.0	0.0	0.0%	
69.1%	48.0	48.0	0.0	0.0%	
70.4%	48.0	47.9	-0.1	-0.2%	
71.6%	47.9	47.8	-0.1	-0.2%	
72.8%	47.8	47.7	-0.1	-0.2%	
74.1%	47.7	47.7	0.0	0.0%	
75.3%	47.7	47.6	-0.1	-0.2%	
76.5%	47.6	47.6	0.0	0.0%	
77.8%	47.6	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	47.4	0.0	0.0%	
82.7%	47.4	47.4	0.0	0.0%	
84.0%	47.4	47.3	-0.1	-0.2%	
85.2%	47.3	47.2	-0.1	-0.2%	
86.4%	47.1	47.0	-0.1	-0.2%	
87.7%	46.9	46.9	0.0	0.0%	
88.9%	46.9	46.7	-0.2	-0.4%	
90.1%	46.7	46.6	-0.1	-0.2%	
91.4%	46.6	46.6	0.0	0.0%	
92.6%	46.4	46.4	0.0	0.0%	
93.8%	46.1	46.1	0.0	0.0%	
95.1%	46.0	46.0	0.0	0.0%	
96.3%	46.0	46.0	0.0	0.0%	
97.5%	45.7	45.7	0.0	0.0%	
98.8%	45.0	45.0	0.0	0.0%	
100.0%	45.0	45.0	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.8	61.1	0.3	0.5%	
1.2%	59.2	59.2	0.0	0.0%	
2.5%	58.7	59.1	0.4	0.7%	
3.7%	58.6	58.6	0.0	0.0%	
4.9%	58.4	58.4	0.0	0.0%	
6.2%	58.4	58.4	0.0	0.0%	
7.4%	58.0	58.1	0.1	0.2%	
8.6%	57.5	57.8	0.3	0.5%	
9.9%	57.1	57.5	0.4	0.7%	
11.1%	56.9	56.9	0.0	0.0%	
12.3%	56.4	56.4	0.0	0.0%	
13.6%	56.1	56.1	0.0	0.0%	
14.8%	56.0	55.9	-0.1	-0.2%	
16.0%	55.9	55.9	0.0	0.0%	
17.3%	55.8	55.8	0.0	0.0%	
18.5%	55.7	55.7	0.0	0.0%	
19.8%	55.4	55.6	0.2	0.4%	
21.0%	55.4	55.5	0.1	0.2%	
22.2%	55.4	55.5	0.1	0.2%	
23.5%	55.4	55.4	0.0	0.0%	
24.7%	55.2	55.4	0.2	0.4%	
25.0%	55.0	55.0	0.0	0.0%	
27.2%	55.1	55.1	0.0	0.0%	
28.4%	55.0	55.1	0.1	0.2%	
29.6%	55.0	55.0	0.0	0.0%	
30.9%	54.7	54.8	0.1	0.2%	
32.1%	54.7	54.8	0.1	0.2%	
33.3%	54.7	54.8	0.1	0.2%	
34.5%	54.7	54.7	0.0	0.0%	
35.8%	54.7	54.7	0.0	0.0%	
37.0%	54.6	54.7	0.1	0.2%	
38.3%	54.6	54.6	0.0	0.0%	
39.5%	54.6	54.5	-0.1	-0.2%	
40.7%	54.5	54.5	0.0	0.0%	
42.0%	54.4	54.4	0.0	0.0%	
43.2%	54.3	54.4	0.1	0.2%	
44.4%	54.0	54.2	0.2	0.4%	
45.7%	54.0	54.0	0.0	0.0%	
46.9%	53.9	53.9	0.0	0.0%	
48.1%	53.9	53.9	0.0	0.0%	
49.4%	53.7	53.8	0.1	0.2%	
50.6%	53.7	53.7	0.0	0.0%	
51.9%	53.7	53.7	0.0	0.0%	
53.1%	53.5	53.6	0.1	0.2%	
54.3%	53.3	53.4	0.1	0.2%	
55.6%	53.3	53.4	0.1	0.2%	
56.8%	53.2	53.3	0.1	0.2%	
58.0%	53.2	53.2	0.0	0.0%	
59.3%	53.0	53.0	0.0	0.0%	
60.5%	52.7	52.8	0.1	0.2%	
61.7%	52.6	52.7	0.1	0.2%	
63.0%	52.6	52.6	0.0	0.0%	
64.2%	52.6	52.6	0.0	0.0%	
65.4%	52.5	52.5	0.0	0.0%	
66.7%	52.5	52.5	0.0	0.0%	
67.9%	52.5	52.5	0.0	0.0%	
69.1%	52.4	52.4	0.0	0.0%	
70.4%	52.4	52.4	0.0	0.0%	
71.6%	52.4	52.3	-0.1	-0.2%	
72.8%	52.3	52.3	0.0	0.0%	
74.1%	52.1	52.1	0.0	0.0%	
75.3%	51.9	51.9	0.0	0.0%	
76.5%	51.8	51.9	0.1	0.2%	
77.8%	51.8	51.8	0.0	0.0%	
79.0%	51.7	51.7	0.0	0.0%	
80.2%	51.7	51.7	0.0	0.0%	
81.5%	51.7	51.7	0.0	0.0%	
82.7%	51.7	51.7	0.0	0.0%	
84.0%	51.7	51.7	0.0	0.0%	
85.2%	51.6	51.6	0.0	0.0%	
86.4%	51.6	51.6	0.0	0.0%	
87.7%	51.6	51.6	0.0	0.0%	
88.9%	51.5	51.5	0.0	0.0%	
90.1%	51.5	51.5	0.0	0.0%	
91.4%	51.4	51.4	0.0	0.0%	
92.6%	51.3	51.3	0.0	0.0%	
93.8%	51.1	51.2	0.1	0.2%	
95.1%	51.0	51.0	0.0	0.0%	
96.3%	51.0	51.0	0.0	0.0%	
97.5%	50.5	50.5	0.0	0.0%	
98.8%	50.5	50.5	0.0	0.0%	
100.0%	50.5	50.5	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.1	65.3	0.2	0.3%	
1.2%	64.7	64.9	0.2	0.3%	
2.5%	64.7	64.6	-0.1	-0.2%	
3.7%	64.6	64.4	-0.2	-0.3%	
4.9%	64.6	64.1	-0.5	-0.8%	
6.2%	63.7	64.0	0.3	0.5%	
7.4%	63.4	63.0	-0.4	-0.6%	
8.6%	63.3	63.0	-0.3	-0.5%	
9.9%	62.7	62.6	-0.1	-0.2%	
11.1%	62.5	62.5	0.0	0.0%	
12.3%	62.4	62.3	-0.1	-0.2%	
13.6%	62.3	62.2	-0.1	-0.2%	
14.8%	62.2	62.2	0.0	0.0%	
16.0%	62.0	61.7	-0.3	-0.5%	
17.3%	61.7	61.6	-0.1	-0.2%	
18.5%	61.6	61.5	-0.1	-0.2%	
19.8%	61.4	61.4	0.0	0.0%	
21.0%	61.2	61.2	0.0	0.0%	
22.2%	61.2	61.2	0.0	0.0%	
23.5%	61.1	61.2	0.1	0.2%	
24.7%	61.1	61.1	0.0	0.0%	
25.0%	61.1	61.0	-0.1	-0.2%	
27.2%	60.9	60.9	0.0	0.0%	
28.4%	60.7	60.8	0.1	0.2%	
29.6%	60.3	60.7	0.4	0.7%	
30.9%	60.2	60.3	0.1	0.2%	
32.1%	60.2	60.3	0.1	0.2%	
33.3%	59.9	59.9	0.0	0.0%	
34.5%	59.8	59.7	-0.1	-0.2%	
35.8%	59.7	59.7	0.0	0.0%	
37.0%	59.6	59.6	0.0	0.0%	
38.3%	59.6	59.5	-0.1	-0.2%	
39.5%	59.5	59.3	-0.2	-0.3%	
40.7%	59.3	59.2	-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	-0.2%	
45.7%	59.0	58.9	-0.1	-0.2%	
46.9%	58.9	58.9	0.0	0.0%	
48.1%	58.8	58.8	0.0	0.0%	
49.4%	58.8	58.8	0.0	0.0%	
50.6%	58.7	58.7	0.0	0.0%	
51.9%	58.6	58.6	0.0	0.0%	
53.1%	58.5	58.4	-0.1	-0.2%	
54.3%	58.4	58.3	-0.1	-0.2%	
55.6%	58.3	58.2	-0.1	-0.2%	
56.8%	58.1	58.1	0.0	0.0%	
58.0%	58.1	58.1	0.0	0.0%	
59.3%	58.0	58.0	0.0	0.0%	
60.5%	57.9	57.9	0.0	0.0%	
61.7%	57.7	57.7	0.0	0.0%	
63.0%	57.7	57.7	0.0	0.0%	
64.2%	57.7	57.7	0.0	0.0%	
65.4%	57.2	57.2	0.0	0.0%	
66.7%	57.1	57.2	0.1	0.2%	
67.9%	57.1	57.1	0.0	0.0%	
69.1%	57.1	56.8	-0.3	-0.5%	
70.4%	56.8	56.8	0.0	0.0%	
71.6%	56.8	56.7	-0.1	-0.2%	
72.8%	56.6	56.6	0.0	0.0%	
74.1%	56.5	56.5	0.0	0.0%	
75.3%	56.4	56.4	0.0	0.0%	
76.5%	56.4	56.4	0.0	0.0%	
77.8%	56.3	56.4	0.1	0.2%	
79.0%	56.1	56.3	0.2	0.4%	
80.2%	56.1</				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	74.3	74.2	-0.1	-0.1%	
1.2%	74.3	73.6	-0.7	-0.9%	
2.5%	73.6	73.1	-0.5	-0.7%	
3.7%	73.1	72.7	-0.4	-0.5%	
4.9%	72.8	72.5	-0.3	-0.4%	
6.2%	72.7	72.2	-0.5	-0.7%	
7.4%	72.7	72.2	-0.5	-0.7%	
8.6%	72.6	72.1	-0.5	-0.7%	
9.9%	72.2	72.1	-0.1	-0.1%	
11.1%	72.2	72.1	-0.1	-0.1%	
12.3%	72.1	72.0	-0.1	-0.1%	
13.6%	72.0	71.9	-0.1	-0.1%	
14.8%	71.9	71.9	0.0	0.0%	
16.0%	71.9	71.7	-0.2	-0.3%	
17.3%	71.9	71.5	-0.4	-0.6%	
18.5%	71.5	71.5	0.0	0.0%	
19.8%	71.3	71.1	-0.2	-0.3%	
21.0%	70.9	71.1	0.2	0.3%	
22.2%	70.5	70.9	0.4	0.6%	
23.5%	70.2	70.7	0.5	0.7%	
24.7%	70.1	70.6	0.5	0.7%	
25.9%	70.3	70.3	0.0	0.0%	
27.2%	69.9	70.1	0.2	0.3%	
28.4%	69.7	70.0	0.3	0.4%	
29.6%	69.5	69.9	0.4	0.6%	
30.9%	69.3	69.6	0.3	0.4%	
32.1%	69.3	69.4	0.1	0.1%	
33.3%	69.3	69.3	0.0	0.0%	
34.5%	69.1	69.3	0.2	0.3%	
35.8%	69.0	69.3	0.3	0.4%	
37.0%	69.0	69.1	0.1	0.1%	
38.3%	68.9	69.0	0.1	0.1%	
39.5%	68.7	69.0	0.3	0.4%	
40.7%	68.6	69.0	0.4	0.6%	
42.0%	68.9	69.3	0.3	0.4%	
43.2%	68.6	68.7	0.1	0.1%	
44.4%	68.3	68.7	0.4	0.6%	
45.7%	68.1	68.6	0.5	0.7%	
46.9%	68.1	68.5	0.4	0.6%	
48.1%	68.0	68.2	0.2	0.3%	
49.4%	67.9	68.2	0.3	0.4%	
50.6%	67.8	68.1	0.3	0.4%	
51.9%	67.8	68.1	0.3	0.4%	
53.1%	67.7	67.9	0.2	0.3%	
54.3%	67.4	67.9	0.5	0.7%	
55.6%	67.3	67.8	0.5	0.7%	
56.8%	67.3	67.7	0.4	0.6%	
58.0%	67.2	67.6	0.4	0.6%	
59.3%	67.2	67.5	0.3	0.4%	
60.5%	66.7	67.3	0.6	0.9%	
61.7%	66.6	67.1	0.5	0.8%	
63.0%	66.4	66.4	0.0	0.0%	
64.2%	66.4	66.4	0.0	0.0%	
65.4%	66.3	66.3	0.0	0.0%	
66.7%	66.2	66.1	-0.1	-0.2%	
67.9%	66.0	66.0	0.0	0.0%	
69.1%	65.9	65.9	0.0	0.0%	
70.4%	65.9	65.9	0.0	0.0%	
71.6%	65.9	65.7	-0.2	-0.3%	
72.8%	65.7	65.7	0.0	0.0%	
74.1%	65.6	65.6	0.0	0.0%	
75.3%	65.6	65.6	0.0	0.0%	
76.5%	65.6	65.6	0.0	0.0%	
77.8%	65.4	65.4	0.0	0.0%	
79.0%	65.1	65.1	0.0	0.0%	
80.2%	64.7	64.7	0.0	0.0%	
81.5%	64.6	64.6	0.0	0.0%	
82.7%	64.6	64.6	0.0	0.0%	
84.0%	64.6	64.6	0.0	0.0%	
85.2%	64.4	64.4	0.0	0.0%	
86.4%	64.3	64.3	0.0	0.0%	
87.7%	64.3	64.3	0.0	0.0%	
88.9%	64.2	64.2	0.0	0.0%	
90.1%	64.1	64.0	-0.1	-0.2%	
91.4%	64.0	64.0	0.0	0.0%	
92.6%	63.9	63.9	0.0	0.0%	
93.8%	63.9	63.9	0.0	0.0%	
95.1%	63.7	63.7	0.0	0.0%	
96.3%	63.5	63.5	0.0	0.0%	
97.5%	63.3	63.3	0.0	0.0%	
98.8%	62.9	62.9	0.0	0.0%	
100.0%	62.9	62.9	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	78.0	76.5	-1.5	-1.9%	
1.2%	77.5	75.6	-1.9	-2.5%	
2.5%	74.9	74.6	-0.3	-0.4%	
3.7%	74.5	74.6	0.1	0.1%	
4.9%	74.5	74.5	0.0	0.0%	
6.2%	73.1	74.1	1.0	1.4%	
7.4%	72.9	73.4	0.5	0.7%	
8.6%	72.7	72.1	-0.6	-0.8%	
9.9%	72.2	72.1	-0.1	-0.1%	
11.1%	72.1	72.1	0.0	0.0%	
12.3%	71.9	72.0	0.1	0.1%	
13.6%	71.8	71.9	0.1	0.1%	
14.8%	71.8	71.9	0.1	0.1%	
16.0%	71.6	71.8	0.2	0.3%	
17.3%	71.4	71.5	0.1	0.1%	
18.5%	71.4	71.5	0.1	0.1%	
19.8%	71.3	71.3	0.0	0.0%	
21.0%	71.1	71.1	0.0	0.0%	
22.2%	71.0	70.9	-0.1	-0.1%	
23.5%	70.7	70.9	0.2	0.3%	
24.7%	70.6	70.9	0.3	0.4%	
25.9%	70.3	70.3	0.0	0.0%	
27.2%	70.4	70.7	0.3	0.4%	
28.4%	70.3	70.6	0.3	0.4%	
29.6%	70.2	70.4	0.2	0.3%	
30.9%	70.2	70.4	0.2	0.3%	
32.1%	70.2	70.3	0.1	0.1%	
33.3%	70.2	70.3	0.1	0.1%	
34.5%	70.1	70.2	0.1	0.1%	
35.8%	69.9	70.2	0.3	0.4%	
37.0%	69.8	70.1	0.3	0.4%	
38.3%	69.7	70.1	0.4	0.6%	
39.5%	69.7	70.1	0.4	0.6%	
40.7%	69.5	70.1	0.6	0.9%	
42.0%	69.4	70.1	0.7	1.0%	
43.2%	69.4	70.1	0.7	1.0%	
44.4%	69.3	70.0	0.7	1.0%	
45.7%	69.3	69.9	0.6	0.9%	
46.9%	69.3	69.9	0.6	0.9%	
48.1%	69.1	69.9	0.8	1.2%	
49.4%	69.2	69.8	0.6	0.9%	
50.6%	68.9	69.7	0.8	1.2%	
51.9%	68.9	69.7	0.8	1.2%	
53.1%	68.9	69.6	0.7	1.0%	
54.3%	68.8	69.6	0.8	1.2%	
55.6%	68.8	69.6	0.8	1.2%	
56.8%	68.7	69.4	0.7	1.0%	
58.0%	68.7	69.4	0.7	1.0%	
59.3%	68.7	69.3	0.6	0.9%	
60.5%	68.7	69.2	0.5	0.7%	
61.7%	68.6	69.1	0.5	0.7%	
63.0%	68.6	68.9	0.3	0.4%	
64.2%	68.6	68.9	0.3	0.4%	
65.4%	68.6	68.9	0.3	0.4%	
66.7%	68.6	68.7	0.1	0.1%	
67.9%	68.4	68.7	0.3	0.4%	
69.1%	68.4	68.6	0.2	0.3%	
70.4%	68.3	68.6	0.3	0.4%	
71.6%	68.3	68.6	0.3	0.4%	
72.8%	68.2	68.5	0.3	0.4%	
74.1%	68.2	68.4	0.2	0.3%	
75.3%	68.1	68.4	0.3	0.4%	
76.5%	68.1	68.3	0.2	0.3%	
77.8%	68.1	68.3	0.2	0.3%	
79.0%	68.0	68.2	0.2	0.3%	
80.2%	68.0	68.2	0.2	0.3%	
81.5%	68.0	68.0	0.0	0.0%	
82.7%	68.0	68.0	0.0	0.0%	
84.0%	68.0	68.0	0.0	0.0%	
85.2%	67.9	68.0	0.1	0.1%	
86.4%	67.9	67.9	0.0	0.0%	
87.7%	67.9	67.9	0.0	0.0%	
88.9%	67.9	67.9	0.0	0.0%	
90.1%	67.8	67.8	0.0	0.0%	
91.4%	67.8	67.8	0.0	0.0%	
92.6%	67.8	67.7	-0.1	-0.1%	
93.8%	67.6	67.4	-0.2	-0.3%	
95.1%	67.5	67.3	-0.2	-0.3%	
96.3%	67.5	67.3	-0.2	-0.3%	
97.5%	67.5	67.2	-0.3	-0.4%	
98.8%	66.9	66.7	-0.2	-0.3%	
100.0%	66.9	66.7	-0.2	-0.3%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	75.5	75.4	-0.1	-0.1%	
1.2%	74.7	74.7	0.0	0.0%	
2.5%	74.4	74.2	-0.2	-0.3%	
3.7%	74.1	74.0	-0.1	-0.1%	
4.9%	73.9	73.7	-0.2	-0.3%	
6.2%	73.8	73.6	-0.2	-0.3%	
7.4%	73.6	73.2	-0.4	-0.5%	
8.6%	73.5	73.0	-0.5	-0.7%	
9.9%	73.0	73.0	0.0	0.0%	
11.1%	73.0	72.5	-0.5	-0.7%	
12.3%	72.9	72.4	-0.5	-0.7%	
13.6%	72.5	72.3	-0.2	-0.3%	
14.8%	72.4	72.3	-0.1	-0.1%	
16.0%	72.2	72.2	0.0	0.0%	
17.3%	72.2	71.9	-0.3	-0.4%	
18.5%	72.2	71.8	-0.4	-0.6%	
19.8%	72.0	71.6	-0.4	-0.6%	
21.0%	72.0	71.6	-0.4	-0.6%	
22.2%	71.9	71.4	-0.5	-0.7%	
23.5%	71.9	71.3	-0.6	-0.8%	
24.7%	71.9	71.2	-0.7	-1.0%	
25.9%	71.8	71.2	-0.6	-0.8%	
27.2%	71.7	71.2	-0.5	-0.7%	
28.4%	71.6	70.8	-0.8	-1.1%	
29.6%	71.6	70.8	-0.8	-1.1%	
30.9%	71.4	70.8	-0.6	-0.8%	
32.1%	71.4	70.7	-0.7	-1.0%	
33.3%	71.3	70.6	-0.7	-1.0%	
34.5%	71.3	70.5	-0.8	-1.1%	
35.8%	71.1	70.5	-0.6	-0.8%	
37.0%	71.0	70.4	-0.6	-0.8%	
38.3%	70.9	70.4	-0.5	-0.7%	
39.5%	70.7	70.4	-0.3	-0.4%	
40.7%	70.5	70.4	-0.1	-0.1%	
42.0%	70.7	70.2	-0.5	-0.7%	
43.2%	70.1	70.3	0.2	0.3%	
44.4%	70.1	70.3	0.2	0.3%	
45.7%	70.0	70.2	0.2	0.3%	
46.9%	70.0	70.1	0.1	0.1%	
48.1%	69.9	70.0	0.1	0.1%	
49.4%	69.7	70.0	0.3	0.4%	
50.6%	69.7	69.8	0.1	0.1%	
51.9%	69.7	69.8	0.1	0.1%	
53.1%	69.7	69.8	0.1	0.1%	
54.3%	69.6	69.8	0.2	0.3%	
55.6%	69.6	69.8	0.2	0.3%	
56.8%	69.6	69.7	0.1	0.1%	
58.0%	69.5	69.7	0.2	0.3%	
59.3%	69.4	69.7	0.3	0.4%	
60.5%	69.4	69.7	0.3	0.4%	
61.7%	69.4	69.6	0.2	0.3%	
63.0%	69.4	69.5	0.1	0.1%	
64.2%	69.4	69.5	0.1	0.1%	
65.4%	69.3	69.5	0.2	0.3%	
66.7%	69.3	69.4	0.1	0.1%	
67.9%	69.3	69.4	0.1	0.1%	
69.1%	69.2	69.2	0.0	0.0%	
70.4%	68.9	69.2	0.3	0.4%	
71.6%	68.9	69.2	0.3	0.4%	
72.8%	68.9	69.2	0.3	0.4%	
74.1%	68.7	69.2	0.5	0.7%	
75.3%	68.7	69.1	0.4	0.6%	
76.5%	68.5	69.1	0.6	0.9%	
77.8%	68.5	69.0	0.5	0.7%	
79.0%	68.4	69.0	0.6	0.9%	
80.2%	68.4</				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.7
Alternative C	49.0	44.5	40.1	39.6	42.7	46.8	50.1	46.6	50.9	51.3	51.4	50.3
Difference	-0.4	-0.2	0.2	0.3	0.0	-0.2	-0.1	0.0	0.0	0.0	-0.3	-0.4
Percent Difference ³	-0.8%	-0.4%	0.4%	0.7%	0.0%	-0.4%	-0.2%	-0.1%	0.0%	-0.1%	-0.5%	-0.7%
Water Year Types²												
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.6
Alternative C	47.1	44.6	41.6	40.7	43.0	45.7	49.0	45.8	48.3	50.8	51.3	48.8
Difference	0.1	0.0	0.1	0.1	-0.1	-0.3	-0.1	0.0	0.0	-0.1	-0.3	0.3
Percent Difference	0.2%	-0.1%	0.3%	0.3%	-0.2%	-0.6%	-0.2%	0.0%	0.0%	-0.2%	-0.6%	0.6%
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.8
Alternative C	47.9	42.9	40.2	38.6	42.6	47.3	50.0	45.9	50.4	51.3	50.4	48.4
Difference	-0.4	-0.5	0.0	0.0	0.0	0.0	0.1	0.0	-0.3	-0.3	-0.5	-0.4
Percent Difference	-0.7%	-1.0%	0.0%	0.0%	0.0%	-0.1%	0.2%	-0.1%	-0.5%	-0.5%	-0.9%	-0.7%
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative C	49.7	44.7	39.4	38.8	42.0	46.7	51.0	46.4	51.3	52.1	52.1	50.9
Difference	-0.5	0.0	0.4	0.1	0.0	-0.2	-0.1	0.0	0.0	0.1	0.0	-0.3
Percent Difference	-0.9%	0.1%	1.0%	0.3%	0.1%	-0.4%	-0.2%	0.0%	0.0%	0.2%	0.0%	-0.6%
Dry (22%)												
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative C	49.0	44.6	39.7	39.1	42.4	47.7	51.1	46.8	52.0	50.6	50.7	50.0
Difference	-0.4	-0.4	0.1	0.6	0.0	-0.2	-0.3	0.0	0.0	-0.1	0.5	-0.3
Percent Difference	-0.9%	-0.9%	0.3%	1.6%	0.0%	-0.5%	-0.6%	0.0%	0.1%	-0.2%	1.0%	-0.7%
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.6
Alternative C	53.0	45.4	38.5	39.9	43.2	47.8	50.3	49.0	55.4	52.7	52.7	54.8
Difference	-1.5	-0.3	0.2	0.5	0.0	-0.2	0.0	-0.3	0.0	0.2	-1.7	-1.8
Percent Difference	-2.8%	-0.7%	0.6%	1.3%	0.1%	-0.4%	0.1%	-0.6%	0.0%	0.5%	-3.1%	-3.2%

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

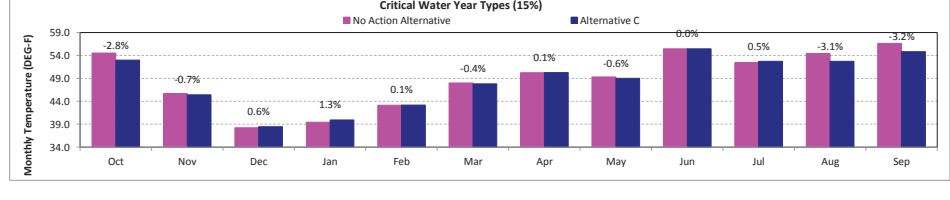
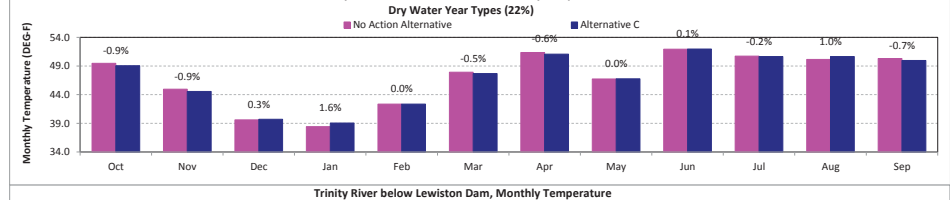
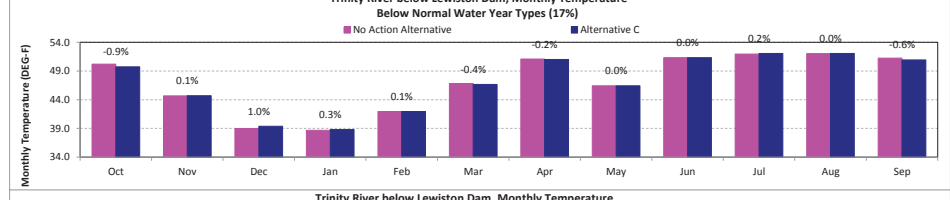
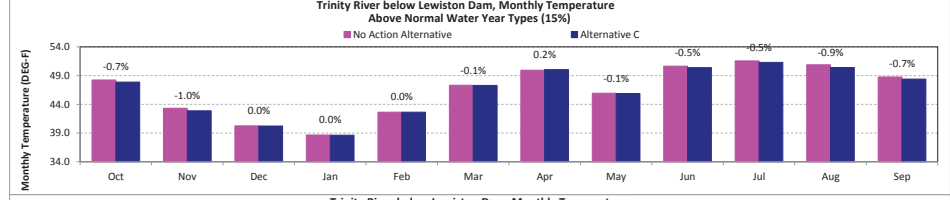
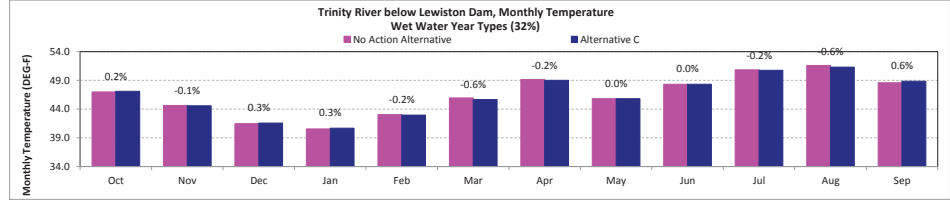
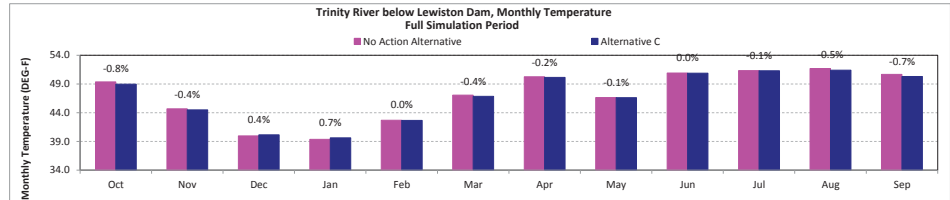


Figure SQ-33-7b
 Trinity River below Lewiston Dam, Monthly Temperature
 Probability of Exceedance

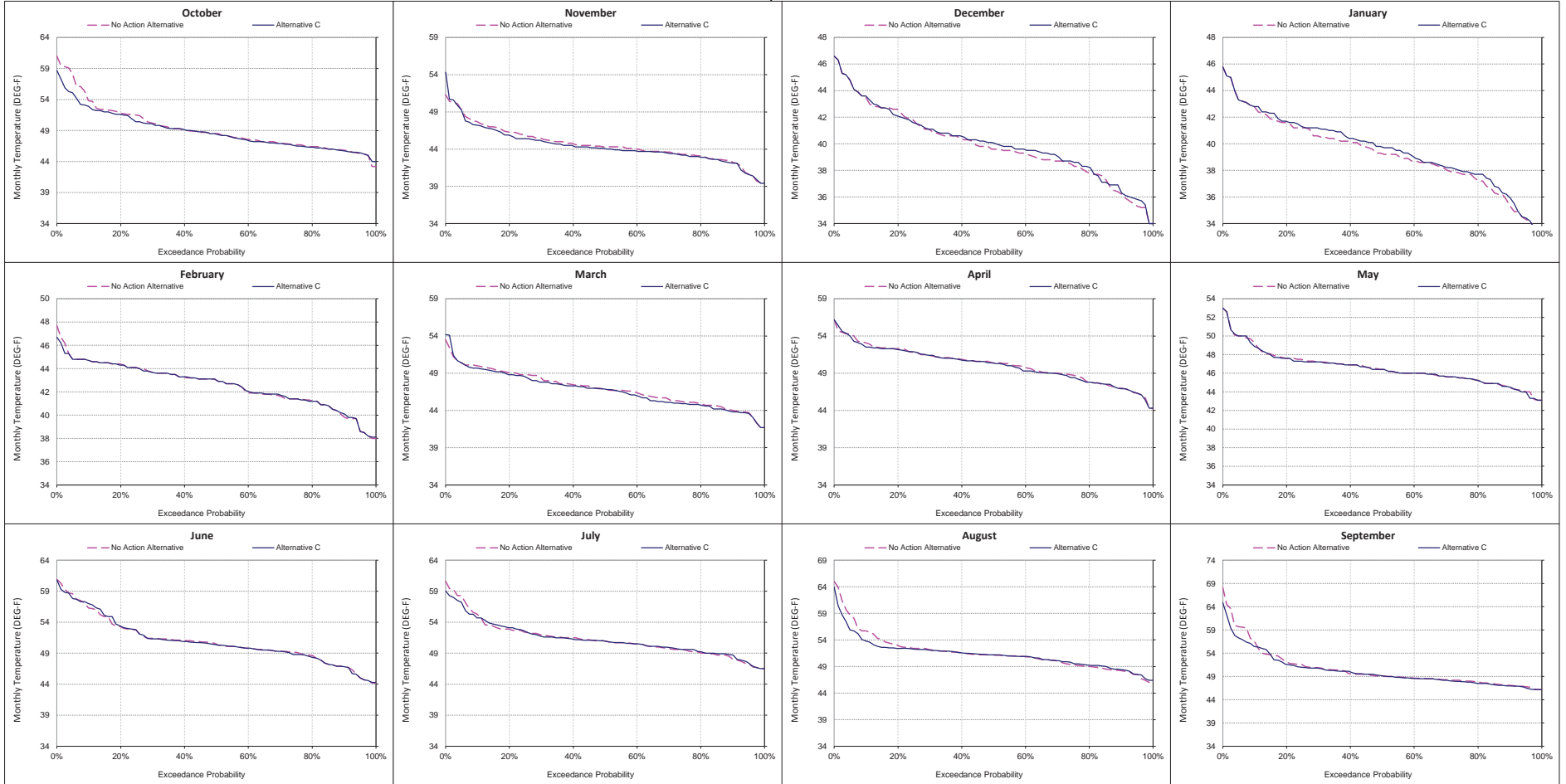


Table SQ-33-7b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.0	58.7	-2.3	-3.8%	
1.2%	59.5	57.3	-2.2	-3.7%	
2.5%	59.3	55.9	-3.4	-5.7%	
3.7%	59.1	55.3	-3.8	-6.4%	
4.9%	58.1	55.1	-3.0	-5.2%	
6.2%	56.1	54.2	-1.9	-3.4%	
7.4%	56.1	53.2	-2.9	-5.2%	
8.6%	55.4	53.1	-2.3	-4.2%	
9.9%	53.8	52.9	-0.9	-1.7%	
11.1%	53.7	52.4	-1.3	-2.4%	
12.3%	52.6	52.2	-0.4	-0.8%	
13.6%	52.4	52.2	-0.2	-0.4%	
14.8%	52.4	52.0	-0.4	-0.8%	
16.0%	52.3	52.0	-0.3	-0.6%	
17.3%	52.2	51.8	-0.4	-0.8%	
18.5%	52.1	51.6	-0.5	-1.0%	
19.8%	51.8	51.6	-0.2	-0.4%	
21.0%	51.7	51.5	-0.2	-0.4%	
22.2%	51.6	51.4	-0.2	-0.4%	
23.5%	51.6	50.9	-0.7	-1.4%	
24.7%	51.5	50.4	-1.1	-2.1%	
25.9%	51.4	50.4	-1.0	-1.9%	
27.2%	50.9	50.2	-0.7	-1.4%	
28.4%	50.4	50.1	-0.3	-0.6%	
29.6%	50.2	50.1	-0.1	-0.2%	
30.9%	50.1	49.8	-0.3	-0.6%	
32.1%	49.8	49.8	0.0	0.0%	
33.3%	49.7	49.6	-0.1	-0.2%	
34.5%	49.6	49.4	-0.2	-0.4%	
35.8%	49.3	49.3	0.0	0.0%	
37.0%	49.3	49.3	0.0	0.0%	
38.3%	49.3	49.3	0.0	0.0%	
39.5%	49.1	49.2	0.1	0.2%	
40.7%	49.0	49.0	0.0	0.0%	
42.0%	48.9	49.0	0.1	0.2%	
43.2%	48.9	48.9	0.0	0.0%	
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	0.0	0.0%	
48.1%	48.5	48.5	0.0	0.0%	
49.4%	48.5	48.5	0.0	0.0%	
50.6%	48.5	48.3	-0.2	-0.4%	
51.9%	48.2	48.2	0.0	0.0%	
53.1%	48.2	48.2	0.0	0.0%	
54.3%	48.0	48.0	0.0	0.0%	
55.6%	47.9	47.8	-0.1	-0.2%	
56.8%	47.8	47.7	-0.1	-0.2%	
58.0%	47.8	47.6	-0.2	-0.4%	
59.3%	47.6	47.5	-0.1	-0.2%	
60.5%	47.5	47.3	-0.2	-0.4%	
61.7%	47.5	47.2	-0.3	-0.6%	
63.0%	47.4	47.2	-0.2	-0.4%	
64.2%	47.2	47.2	0.0	0.0%	
65.4%	47.2	47.1	-0.1	-0.2%	
66.7%	47.2	47.0	-0.2	-0.4%	
67.9%	47.2	47.0	-0.2	-0.4%	
69.1%	47.0	46.9	-0.1	-0.2%	
70.4%	46.9	46.9	0.0	0.0%	
71.6%	46.9	46.8	-0.1	-0.2%	
72.8%	46.8	46.8	0.0	0.0%	
74.1%	46.8	46.6	-0.2	-0.4%	
75.3%	46.7	46.5	-0.2	-0.4%	
76.5%	46.7	46.5	-0.2	-0.4%	
77.8%	46.5	46.4	-0.1	-0.2%	
79.0%	46.4	46.3	-0.1	-0.2%	
80.2%	46.4	46.3	-0.1	-0.2%	
81.5%	46.4	46.2	-0.2	-0.4%	
82.7%	46.3	46.2	-0.1	-0.2%	
84.0%	46.2	46.1	-0.1	-0.2%	
85.2%	46.0	46.0	0.0	0.0%	
86.4%	46.0	46.0	0.0	0.0%	
87.7%	45.9	45.9	0.0	0.0%	
88.9%	45.9	45.8	-0.1	-0.2%	
90.1%	45.8	45.7	-0.1	-0.2%	
91.4%	45.8	45.6	-0.2	-0.4%	
92.6%	45.5	45.5	0.0	0.0%	
93.8%	45.4	45.5	0.1	0.2%	
95.1%	45.3	45.4	0.1	0.2%	
96.3%	45.2	45.2	0.0	0.0%	
97.5%	45.0	45.0	0.0	0.0%	
98.8%	43.2	44.0	0.8	1.9%	
100.0%	43.2	44.0	0.8	1.9%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	51.3	54.3	3.0	5.8%	
1.2%	50.4	50.7	0.3	0.6%	
2.5%	50.3	50.6	0.3	0.6%	
3.7%	50.1	49.8	-0.2	-0.4%	
4.9%	49.3	49.3	0.0	0.0%	
6.2%	48.4	47.8	-0.6	-1.2%	
7.4%	48.1	47.6	-0.5	-1.0%	
8.6%	47.8	47.3	-0.5	-1.0%	
9.9%	47.7	47.2	-0.5	-1.0%	
11.1%	47.4	47.1	-0.3	-0.6%	
12.3%	47.3	46.9	-0.4	-0.8%	
13.6%	47.0	46.8	-0.2	-0.4%	
14.8%	47.0	46.7	-0.3	-0.6%	
16.0%	46.9	46.5	-0.4	-0.9%	
17.3%	46.7	46.3	-0.4	-0.9%	
18.5%	46.4	45.9	-0.5	-1.1%	
19.8%	46.3	45.9	-0.4	-0.9%	
21.0%	46.7	45.7	-1.0	-2.1%	
22.2%	46.2	45.4	-0.8	-1.7%	
23.5%	46.0	45.4	-0.6	-1.3%	
24.7%	45.9	45.4	-0.5	-1.1%	
25.9%	45.7	45.4	-0.3	-0.7%	
27.2%	45.7	45.3	-0.4	-0.9%	
28.4%	45.5	45.2	-0.3	-0.7%	
29.6%	45.5	45.2	-0.3	-0.7%	
30.9%	45.3	45.0	-0.3	-0.7%	
32.1%	45.2	44.9	-0.3	-0.7%	
33.3%	45.1	44.8	-0.3	-0.7%	
34.5%	45.0	44.7	-0.3	-0.7%	
35.8%	45.0	44.7	-0.3	-0.7%	
37.0%	45.0	44.5	-0.5	-1.1%	
38.3%	44.8	44.5	-0.3	-0.7%	
39.5%	44.8	44.5	-0.3	-0.7%	
40.7%	44.6	44.3	-0.3	-0.7%	
42.0%	44.5	44.3	-0.2	-0.4%	
43.2%	44.5	44.3	-0.2	-0.4%	
44.4%	44.5	44.3	-0.2	-0.4%	
45.7%	44.5	44.2	-0.3	-0.7%	
46.9%	44.4	44.2	-0.2	-0.5%	
48.1%	44.4	44.1	-0.3	-0.7%	
49.4%	44.3	44.1	-0.2	-0.5%	
50.6%	44.3	44.0	-0.3	-0.7%	
51.9%	44.3	44.0	-0.3	-0.7%	
53.1%	44.3	43.9	-0.4	-0.9%	
54.3%	44.3	43.9	-0.4	-0.9%	
55.6%	44.3	43.8	-0.5	-1.1%	
56.8%	44.1	43.8	-0.3	-0.7%	
58.0%	44.1	43.8	-0.3	-0.7%	
59.3%	44.0	43.8	-0.2	-0.5%	
60.5%	44.0	43.7	-0.3	-0.7%	
61.7%	43.8	43.7	-0.1	-0.2%	
63.0%	43.7	43.7	0.0	0.0%	
64.2%	43.7	43.7	0.0	0.0%	
65.4%	43.7	43.6	-0.1	-0.2%	
66.7%	43.7	43.6	-0.1	-0.2%	
67.9%	43.7	43.6	-0.1	-0.2%	
69.1%	43.6	43.5	-0.1	-0.2%	
70.4%	43.6	43.4	-0.2	-0.5%	
71.6%	43.4	43.4	0.0	0.0%	
72.8%	43.4	43.3	-0.1	-0.2%	
74.1%	43.3	43.2	-0.1	-0.2%	
75.3%	43.3	43.2	-0.1	-0.2%	
76.5%	43.2	43.0	-0.2	-0.5%	
77.8%	43.2	43.0	-0.2	-0.5%	
79.0%	43.1	43.0	-0.1	-0.2%	
80.2%	43.1	42.9	-0.2	-0.5%	
81.5%	42.9	42.9	0.0	0.0%	
82.7%	42.7	42.7	0.0	0.0%	
84.0%	42.7	42.6	-0.1	-0.2%	
85.2%	42.6	42.6	0.0	0.0%	
86.4%	42.6	42.4	-0.2	-0.5%	
87.7%	42.5	42.5	0.0	0.0%	
88.9%	42.5	42.2	-0.3	-0.7%	
90.1%	42.2	42.1	-0.1	-0.2%	
91.4%	42.1	42.1	0.0	0.0%	
92.6%	41.7	41.2	-0.5	-1.2%	
93.8%	40.9	40.8	-0.1	-0.2%	
95.1%	40.6	40.6	0.0	0.0%	
96.3%	40.5	40.2	-0.3	-0.7%	
97.5%	39.7	39.9	0.2	0.5%	
98.8%	39.5	39.4	-0.1	-0.3%	
100.0%	39.5	39.4	-0.1	-0.3%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.6	46.6	0.0	0.0%	
1.2%	46.3	46.3	0.0	0.0%	
2.5%	45.3	45.3	0.0	0.0%	
3.7%	45.2	45.2	0.0	0.0%	
4.9%	44.8	44.8	0.0	0.0%	
6.2%	44.1	44.1	0.0	0.0%	
7.4%	43.9	43.9	0.0	0.0%	
8.6%	43.6	43.6	0.0	0.0%	
9.9%	43.5	43.5	0.1	0.2%	
11.1%	43.0	43.5	0.3	0.7%	
12.3%	42.8	43.0	0.2	0.5%	
13.6%	42.8	42.9	0.1	0.2%	
14.8%	42.7	42.7	0.0	0.0%	
16.0%	42.7	42.7	0.0	0.0%	
17.3%	42.7	42.6	-0.1	-0.2%	
18.5%	42.6	42.2	-0.4	-0.9%	
19.8%	42.6	42.1	-0.5	-1.2%	
21.0%	42.3	42.0	-0.3	-0.7%	
22.2%	42.0	41.9	-0.1	-0.2%	
23.5%	41.9	41.8	-0.1	-0.2%	
24.7%	41.8	41.6	-0.2	-0.5%	
25.9%	41.5	41.5	0.0	0.0%	
27.2%	41.3	41.4	0.1	0.2%	
28.4%	41.1	41.2	0.1	0.2%	
29.6%	41.1	41.1	0.0	0.0%	
30.9%	40.9	41.1	0.2	0.5%	
32.1%	40.8	40.9	0.1	0.2%	
33.3%	40.7	40.8	0.1	0.2%	
34.5%	40.6	40.8	0.2	0.5%	
35.8%	40.6	40.8	0.2	0.5%	
37.0%	40.6	40.6	0.0	0.0%	
38.3%	40.6	40.6	0.0	0.0%	
39.5%	40.4	40.6	0.2	0.5%	
40.7%	40.3	40.5	0.2	0.5%	
42.0%	40.3	40.3	0.0	0.0%	
43.2%	40.2	40.3	0.1	0.2%	
44.4%	39.9	40.3	0.4	1.0%	
45.7%	39.8	40.2	0.4	1.0%	
46.9%	39.8	40.2	0.4	1.0%	
48.1%	39.8	40.1	0.3	0.8%	
49.4%	39.6	40.1	0.5	1.3%	
50.6%	39.6	40.0	0.4	1.0%	
51.9%	39.6	39.9	0.3	0.8%	
53.1%	39.5	39.8	0.3	0.8%	
54.3%	39.5	39.8	0.3	0.8%	
55.6%	39.5	39.8	0.3	0.8%	
56.8%	39.4	39.6	0.2	0.5%	
58.0%	39.3	39.6	0.3	0.8%	
59.3%	39.3	39.6	0.3	0.8%	
60.5%	39.2	39.5	0.3	0.8%	
61.7%	39.1	39.5	0.4	1.0%	
63.0%	39.0	39.5	0.5	1.3%	
64.2%	38.9	39.4	0.5	1.3%	
65.4%	38.9	39.3	0.5	1.3%	
66.7%	38.8	39.3	0.5	1.3%	
67.9%	38.8	39.2	0.4	1.0%	
69.1%	38.7	39.2	0.5	1.3%	
70.4%	38.7	39.0	0.3	0.8%	
71.6%	38.7	38.7	0.0	0.0%	
72.8%	38.6	38.7	0.1	0.3%	
74.1%	38.5	38.7	0.2	0.5%	
75.3%	38.3	38.6	0.3	0.8%	
76.5%	38.3	38.6	0.3	0.8%	
77.8%	38.1	38.3	0.2	0.5%	
79.0%	37.9	38.3	0.4	1.1%	
80.2%	37.				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	47.7	46.7	-1.0	-2.1%	
1.2%	46.7	46.2	-0.5	-1.1%	
2.5%	46.2	45.3	-0.9	-1.9%	
3.7%	45.3	45.0	0.0	0.0%	
4.9%	44.8	44.8	0.0	0.0%	
6.2%	44.8	44.8	0.0	0.0%	
7.4%	44.8	44.8	0.0	0.0%	
8.6%	44.8	44.8	0.0	0.0%	
9.9%	44.7	44.7	0.0	0.0%	
11.1%	44.6	44.6	0.0	0.0%	
12.3%	44.6	44.6	0.0	0.0%	
13.6%	44.5	44.5	0.0	0.0%	
14.8%	44.5	44.5	0.0	0.0%	
16.0%	44.5	44.5	0.0	0.0%	
17.3%	44.4	44.4	0.0	0.0%	
18.5%	44.4	44.4	0.0	0.0%	
19.8%	44.4	44.3	-0.1	-0.2%	
21.0%	44.3	44.3	0.0	0.0%	
22.2%	44.1	44.1	0.0	0.0%	
23.5%	44.1	44.1	0.0	0.0%	
24.7%	44.1	44.1	0.0	0.0%	
25.9%	44.0	44.0	0.0	0.0%	
27.2%	44.0	43.8	-0.2	-0.5%	
28.4%	43.8	43.8	0.0	0.0%	
29.6%	43.7	43.7	0.0	0.0%	
30.9%	43.6	43.6	0.0	0.0%	
32.1%	43.6	43.6	0.0	0.0%	
33.3%	43.6	43.6	0.0	0.0%	
34.5%	43.6	43.6	0.0	0.0%	
35.8%	43.5	43.5	0.0	0.0%	
37.0%	43.5	43.5	0.0	0.0%	
38.3%	43.3	43.3	0.0	0.0%	
39.5%	43.3	43.3	0.0	0.0%	
40.7%	43.2	43.3	0.1	0.2%	
42.0%	43.2	43.2	0.0	0.0%	
43.2%	43.2	43.2	0.0	0.0%	
44.4%	43.1	43.1	0.0	0.0%	
45.7%	43.1	43.1	0.0	0.0%	
46.9%	43.1	43.1	0.0	0.0%	
48.1%	43.1	43.1	0.0	0.0%	
49.4%	43.1	43.1	0.0	0.0%	
50.6%	42.9	42.9	0.0	0.0%	
51.9%	42.9	42.9	0.0	0.0%	
53.1%	42.7	42.7	0.0	0.0%	
54.3%	42.7	42.7	0.0	0.0%	
55.6%	42.7	42.7	0.0	0.0%	
56.8%	42.6	42.6	0.0	0.0%	
58.0%	42.4	42.4	0.0	0.0%	
59.3%	42.0	42.1	0.1	0.2%	
60.5%	41.9	42.0	0.1	0.2%	
61.7%	41.9	41.9	0.0	0.0%	
63.0%	41.9	41.9	0.0	0.0%	
64.2%	41.8	41.9	0.1	0.2%	
65.4%	41.8	41.8	0.0	0.0%	
66.7%	41.8	41.8	0.0	0.0%	
67.9%	41.7	41.8	0.1	0.2%	
69.1%	41.7	41.8	0.1	0.2%	
70.4%	41.6	41.7	0.1	0.2%	
71.6%	41.4	41.6	0.2	0.5%	
72.8%	41.4	41.4	0.0	0.0%	
74.1%	41.4	41.4	0.0	0.0%	
75.3%	41.4	41.4	0.0	0.0%	
76.5%	41.4	41.3	-0.1	-0.2%	
77.8%	41.3	41.3	0.0	0.0%	
79.0%	41.3	41.2	-0.1	-0.2%	
80.2%	41.2	41.2	0.0	0.0%	
81.5%	41.2	41.2	0.0	0.0%	
82.7%	40.9	40.9	0.0	0.0%	
84.0%	40.9	40.9	0.0	0.0%	
85.2%	40.8	40.8	0.0	0.0%	
86.4%	40.5	40.5	0.0	0.0%	
87.7%	40.4	40.4	0.0	0.0%	
88.9%	40.1	40.2	0.1	0.2%	
90.1%	39.8	40.1	0.3	0.8%	
91.4%	39.7	39.8	0.1	0.3%	
92.6%	39.7	39.8	0.1	0.3%	
93.8%	39.7	39.7	0.0	0.0%	
95.1%	38.6	38.6	0.0	0.0%	
96.3%	38.4	38.5	0.1	0.3%	
97.5%	38.2	38.2	0.0	0.0%	
98.8%	38.0	38.1	0.1	0.3%	
100.0%	38.0	38.1	0.1	0.3%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.5	54.2	0.7	1.3%	
1.2%	52.4	54.1	1.7	3.2%	
2.5%	51.2	51.4	0.2	0.4%	
3.7%	50.7	50.7	0.0	0.0%	
4.9%	50.4	50.4	0.0	0.0%	
6.2%	50.1	50.1	0.0	0.0%	
7.4%	50.1	49.8	-0.3	-0.6%	
8.6%	50.1	49.7	-0.4	-0.8%	
9.9%	50.0	49.7	-0.3	-0.6%	
11.1%	49.9	49.5	-0.4	-0.8%	
12.3%	49.8	49.5	-0.3	-0.6%	
13.6%	49.7	49.4	-0.3	-0.6%	
14.8%	49.6	49.3	-0.3	-0.6%	
16.0%	49.4	49.2	-0.2	-0.4%	
17.3%	49.3	49.2	-0.1	-0.2%	
18.5%	49.2	49.0	-0.2	-0.4%	
19.8%	49.1	48.8	-0.3	-0.6%	
21.0%	49.1	48.8	-0.3	-0.6%	
22.2%	49.0	48.7	-0.3	-0.6%	
23.5%	48.8	48.7	-0.1	-0.2%	
24.7%	48.8	48.6	-0.2	-0.4%	
25.9%	48.0	48.5	0.5	1.0%	
27.2%	48.7	48.0	-0.7	-1.4%	
28.4%	48.7	48.0	-0.7	-1.4%	
29.6%	48.5	47.8	-0.7	-1.4%	
30.9%	48.0	47.8	-0.2	-0.4%	
32.1%	48.0	47.8	-0.2	-0.4%	
33.3%	47.9	47.6	-0.3	-0.6%	
34.5%	47.9	47.6	-0.3	-0.6%	
35.8%	47.6	47.5	-0.1	-0.2%	
37.0%	47.6	47.4	-0.2	-0.4%	
38.3%	47.6	47.3	-0.3	-0.6%	
39.5%	47.5	47.3	-0.2	-0.4%	
40.7%	47.4	47.3	-0.1	-0.2%	
42.0%	47.4	47.2	-0.2	-0.4%	
43.2%	47.3	47.2	-0.1	-0.2%	
44.4%	47.1	47.0	-0.3	-0.6%	
45.7%	47.2	47.0	-0.2	-0.4%	
46.9%	47.0	47.0	0.0	0.0%	
48.1%	47.0	46.9	-0.1	-0.2%	
49.4%	46.9	46.9	0.0	0.0%	
50.6%	46.8	46.8	0.0	0.0%	
51.9%	46.7	46.8	0.1	0.2%	
53.1%	46.7	46.7	0.0	0.0%	
54.3%	46.7	46.6	-0.1	-0.2%	
55.6%	46.7	46.5	-0.2	-0.4%	
56.8%	46.6	46.3	-0.3	-0.6%	
58.0%	46.6	46.1	-0.5	-1.1%	
59.3%	46.5	46.1	-0.4	-0.9%	
60.5%	46.3	45.9	-0.4	-0.9%	
61.7%	46.1	45.7	-0.4	-0.9%	
63.0%	46.0	45.7	-0.3	-0.7%	
64.2%	45.9	45.3	-0.6	-1.3%	
65.4%	45.8	45.3	-0.5	-1.1%	
66.7%	45.7	45.2	-0.5	-1.1%	
67.9%	45.7	45.2	-0.5	-1.1%	
69.1%	45.7	45.1	-0.6	-1.3%	
70.4%	45.4	45.1	-0.3	-0.7%	
71.6%	45.3	45.0	-0.3	-0.7%	
72.8%	45.3	45.0	-0.3	-0.7%	
74.1%	45.2	44.9	-0.3	-0.7%	
75.3%	45.1	44.9	-0.2	-0.4%	
76.5%	45.1	44.8	-0.3	-0.7%	
77.8%	45.1	44.8	-0.3	-0.7%	
79.0%	45.0	44.8	-0.2	-0.4%	
80.2%	44.9	44.7	-0.2	-0.4%	
81.5%	44.7	44.6	-0.1	-0.2%	
82.7%	44.7	44.6	-0.1	-0.2%	
84.0%	44.7	44.2	-0.5	-1.1%	
85.2%	44.6	44.2	-0.4	-0.9%	
86.4%	44.5	44.2	-0.3	-0.7%	
87.7%	44.2	44.1	-0.1	-0.2%	
88.9%	44.1	43.9	-0.2	-0.5%	
90.1%	44.0	43.8	-0.2	-0.5%	
91.4%	43.9	43.8	-0.1	-0.2%	
92.6%	43.8	43.7	-0.1	-0.2%	
93.8%	43.8	43.7	-0.1	-0.2%	
95.1%	43.7	43.6	-0.1	-0.2%	
96.3%	43.5	43.5	0.0	0.0%	
97.5%	42.3	42.3	0.0	0.0%	
98.8%	41.7	41.7	0.0	0.0%	
100.0%	41.7	41.7	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.2	56.2	0.0	0.0%	
1.2%	54.7	55.4	0.7	1.3%	
2.5%	54.5	54.5	0.0	0.0%	
3.7%	54.3	54.4	0.1	0.2%	
4.9%	54.3	54.0	-0.3	-0.6%	
6.2%	54.0	53.3	-0.7	-1.3%	
7.4%	53.3	53.1	-0.2	-0.4%	
8.6%	53.3	52.9	-0.4	-0.8%	
9.9%	53.1	52.5	-0.6	-1.1%	
11.1%	52.9	52.5	-0.4	-0.8%	
12.3%	52.5	52.4	-0.1	-0.2%	
13.6%	52.5	52.4	-0.1	-0.2%	
14.8%	52.4	52.3	-0.1	-0.2%	
16.0%	52.4	52.3	-0.1	-0.2%	
17.3%	52.3	52.3	0.0	0.0%	
18.5%	52.3	52.3	0.0	0.0%	
19.8%	52.3	52.2	-0.1	-0.2%	
21.0%	52.3	52.1	-0.2	-0.4%	
22.2%	52.2	52.0	-0.2	-0.4%	
23.5%	51.9	51.9	0.0	0.0%	
24.7%	51.8	51.9	0.1	0.2%	
25.9%	51.8	51.8	0.0	0.0%	
27.2%	51.5	51.6	0.1	0.2%	
28.4%	51.5	51.5	0.0	0.0%	
29.6%	51.4	51.4	0.0	0.0%	
30.9%	51.3	51.4	0.1	0.2%	
32.1%	51.2	51.2	0.0	0.0%	
33.3%	51.2	51.1	-0.1	-0.2%	
34.5%	51.1	51.0	-0.1	-0.2%	
35.8%	51.1	51.0	-0.1	-0.2%	
37.0%	51.0	51.0	0.0	0.0%	
38.3%	51.0	50.9	-0.1	-0.2%	
39.5%	50.9	50.8	-0.1	-0.2%	
40.7%	50.8	50.7	-0.1	-0.2%	
42.0%	50.7	50.7	0.0	0.0%	
43.2%	50.7	50.7	0.0	0.0%	
44.4%	50.6	50.6	0.0	0.0%	
45.7%	50.6	50.6	0.0	0.0%	
46.9%	50.6	50.6	0.0	0.0%	
48.1%	50.6	50.4	-0.2	-0.4%	
49.4%	50.4	50.4	0.0	0.0%	
50.6%	50.4	50.3	-0.1	-0.2%	
51.9%	50.4	50.3	-0.1	-0.2%	
53.1%	50.3	50.2	-0.1	-0.2%	
54.3%	50.3	50.0	-0.3	-0.6%	
55.6%	50.1	50.0	-0.1	-0.2%	
56.8%	50.0	49.8	-0.2	-0.4%	
58.0%	50.0	49.7	-0.3	-0.6%	
59.3%	49.9	49.3	-0.6	-1.2%	
60.5%	49.7	49.3	-0.4	-0.8%	
61.7%	49.6	49.3	-0.3	-0.6%	
63.0%	49.3	49.2	-0.1	-0.2%	
64.2%	49.3	49.1	-0.2	-0.4%	
65.4%	49.1	49.1	0.0	0.0%	
66.7%	49.1	49.0	-0.1	-0.2%	
67.9%	49.0	49.0	0.0	0.0%	
69.1%	49.0	49.0	0.0	0.0%	
70.4%	49.0	48.9	-0.1	-0.2%	
71.6%	48.9	48.8	-0.1	-0.2%	
72.8%	48.9	48.7	-0.2	-0.4%	
74.1%	48.8	48.4	-0.4	-0.8%	
75.3%	48.7	48.4	-0.3	-0.6%	
76.5%	48.5	48.2	-0.3	-0.6%	
77.8%	48.4	48.0	-0.4	-0.8%	
79.0%	47.9	47.8	-0.1	-0.2%	
80.2%	47.				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.9	60.8	-0.1	-0.2%	
1.2%	60.3	59.3	-1.0	-1.7%	
2.5%	59.3	58.8	-0.5	-0.8%	
3.7%	58.7	58.7	0.0	0.0%	
4.9%	58.6	57.8	-0.8	-1.4%	
6.2%	57.7	57.7	0.0	0.0%	
7.4%	57.5	57.3	-0.2	-0.3%	
8.6%	57.1	57.3	0.2	0.4%	
9.9%	56.3	57.0	0.7	1.2%	
11.1%	56.2	56.8	0.6	1.1%	
12.3%	56.0	56.3	0.3	0.5%	
13.6%	55.2	56.1	0.9	1.6%	
14.8%	54.9	55.1	0.2	0.4%	
16.0%	54.9	54.9	0.0	0.0%	
17.3%	53.7	54.9	1.2	2.2%	
18.5%	53.4	53.7	0.3	0.6%	
19.8%	53.3	53.4	0.1	0.2%	
21.0%	53.0	53.1	0.1	0.2%	
22.2%	52.9	53.0	0.1	0.2%	
23.5%	52.8	52.9	0.1	0.2%	
24.7%	52.8	52.8	0.0	0.0%	
25.9%	52.1	52.8	0.7	1.2%	
27.2%	51.7	51.9	0.2	0.4%	
28.4%	51.4	51.4	0.0	0.0%	
29.6%	51.4	51.3	-0.1	-0.2%	
30.9%	51.4	51.3	-0.1	-0.2%	
32.1%	51.3	51.3	0.0	0.0%	
33.3%	51.3	51.2	-0.1	-0.2%	
34.5%	51.3	51.1	-0.2	-0.4%	
35.8%	51.2	51.1	-0.1	-0.2%	
37.0%	51.1	51.0	-0.1	-0.2%	
38.3%	51.1	51.0	-0.1	-0.2%	
39.5%	51.1	50.9	-0.2	-0.4%	
40.7%	51.0	50.9	-0.1	-0.2%	
42.0%	51.0	50.8	-0.2	-0.4%	
43.2%	50.9	50.7	-0.2	-0.4%	
44.4%	50.9	50.7	-0.2	-0.4%	
45.7%	50.8	50.7	-0.1	-0.2%	
46.9%	50.8	50.6	-0.2	-0.4%	
48.1%	50.7	50.5	-0.2	-0.4%	
49.4%	50.6	50.4	-0.2	-0.4%	
50.6%	50.3	50.3	0.0	0.0%	
51.9%	50.3	50.3	0.0	0.0%	
53.1%	50.1	50.2	0.1	0.2%	
54.3%	50.1	50.1	0.0	0.0%	
55.6%	50.1	50.1	0.0	0.0%	
56.8%	50.0	50.0	0.0	0.0%	
58.0%	49.9	49.9	0.0	0.0%	
59.3%	49.8	49.8	0.0	0.0%	
60.5%	49.8	49.8	0.0	0.0%	
61.7%	49.7	49.7	0.0	0.0%	
63.0%	49.6	49.6	0.0	0.0%	
64.2%	49.6	49.5	-0.1	-0.2%	
65.4%	49.5	49.5	0.0	0.0%	
66.7%	49.5	49.5	0.0	0.0%	
67.9%	49.4	49.4	0.0	0.0%	
69.1%	49.3	49.3	0.0	0.0%	
70.4%	49.3	49.3	0.0	0.0%	
71.6%	49.3	49.2	-0.1	-0.2%	
72.8%	49.2	49.1	-0.1	-0.2%	
74.1%	49.2	48.8	-0.4	-0.8%	
75.3%	49.1	48.8	-0.3	-0.6%	
76.5%	48.9	48.8	-0.1	-0.2%	
77.8%	48.8	48.7	-0.1	-0.2%	
79.0%	48.7	48.5	-0.2	-0.4%	
80.2%	48.6	48.3	-0.3	-0.6%	
81.5%	48.1	48.2	0.1	0.2%	
82.7%	47.9	47.9	0.0	0.0%	
84.0%	47.4	47.4	0.0	0.0%	
85.2%	47.2	47.2	0.0	0.0%	
86.4%	47.1	47.1	0.0	0.0%	
87.7%	46.9	46.9	0.0	0.0%	
88.9%	46.9	46.9	0.0	0.0%	
90.1%	46.8	46.8	0.0	0.0%	
91.4%	46.7	46.7	0.0	0.0%	
92.6%	46.3	45.7	-0.6	-1.3%	
93.8%	45.6	45.6	0.0	0.0%	
95.1%	45.0	45.0	0.0	0.0%	
96.3%	44.9	44.7	-0.2	-0.4%	
97.5%	44.6	44.6	0.0	0.0%	
98.8%	44.2	44.3	0.1	0.2%	
100.0%	44.2	44.3	0.1	0.2%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.6	59.0	-1.6	-2.6%	
1.2%	59.4	58.3	-1.1	-1.9%	
2.5%	59.3	58.0	-1.3	-2.2%	
3.7%	58.3	57.7	-0.6	-1.0%	
4.9%	58.3	57.2	-1.1	-1.9%	
6.2%	57.2	55.9	-1.3	-2.3%	
7.4%	56.2	55.3	-0.9	-1.6%	
8.6%	55.6	55.3	-0.3	-0.5%	
9.9%	55.3	54.7	-0.6	-1.1%	
11.1%	54.7	54.7	0.0	0.0%	
12.3%	53.6	54.3	0.7	1.3%	
13.6%	53.5	53.9	0.4	0.7%	
14.8%	53.4	53.7	0.3	0.6%	
16.0%	53.1	53.6	0.5	0.9%	
17.3%	52.9	53.4	0.5	0.9%	
18.5%	52.9	53.3	0.4	0.8%	
19.8%	52.9	53.1	0.2	0.4%	
21.0%	52.7	53.1	0.4	0.8%	
22.2%	52.7	52.9	0.2	0.4%	
23.5%	52.7	52.8	0.1	0.2%	
24.7%	52.4	52.6	0.2	0.4%	
25.9%	52.1	52.3	0.2	0.4%	
27.2%	52.2	52.1	-0.1	-0.2%	
28.4%	52.2	52.0	-0.2	-0.4%	
29.6%	52.0	51.8	-0.2	-0.4%	
30.9%	51.9	51.6	-0.3	-0.6%	
32.1%	51.8	51.6	-0.2	-0.4%	
33.3%	51.7	51.6	-0.1	-0.2%	
34.5%	51.6	51.5	-0.1	-0.2%	
35.8%	51.6	51.5	-0.1	-0.2%	
37.0%	51.5	51.5	0.0	0.0%	
38.3%	51.5	51.4	-0.1	-0.2%	
39.5%	51.5	51.3	-0.2	-0.4%	
40.7%	51.5	51.2	-0.3	-0.6%	
42.0%	51.3	51.2	-0.1	-0.2%	
43.2%	51.2	51.1	-0.1	-0.2%	
44.4%	51.2	51.1	-0.1	-0.2%	
45.7%	51.1	51.1	0.0	0.0%	
46.9%	51.0	51.1	0.1	0.2%	
48.1%	51.0	51.0	0.0	0.0%	
49.4%	51.0	51.0	0.0	0.0%	
50.6%	50.9	50.9	0.0	0.0%	
51.9%	50.7	50.8	0.1	0.2%	
53.1%	50.7	50.7	0.0	0.0%	
54.3%	50.7	50.7	0.0	0.0%	
55.6%	50.7	50.7	0.0	0.0%	
56.8%	50.6	50.6	0.0	0.0%	
58.0%	50.6	50.6	0.0	0.0%	
59.3%	50.5	50.5	0.0	0.0%	
60.5%	50.5	50.5	0.0	0.0%	
61.7%	50.4	50.4	0.0	0.0%	
63.0%	50.2	50.2	0.0	0.0%	
64.2%	50.1	50.1	0.0	0.0%	
65.4%	50.1	50.1	0.0	0.0%	
66.7%	50.0	50.1	0.1	0.2%	
67.9%	49.9	50.0	0.1	0.2%	
69.1%	49.8	50.0	0.2	0.4%	
70.4%	49.7	49.9	0.2	0.4%	
71.6%	49.6	49.8	0.2	0.4%	
72.8%	49.6	49.7	0.1	0.2%	
74.1%	49.6	49.6	0.0	0.0%	
75.3%	49.5	49.6	0.1	0.2%	
76.5%	49.3	49.6	0.3	0.6%	
77.8%	49.2	49.6	0.4	0.8%	
79.0%	49.2	49.3	0.1	0.2%	
80.2%	49.0	49.2	0.2	0.4%	
81.5%	49.0	49.0	0.0	0.0%	
82.7%	48.9	49.0	0.1	0.2%	
84.0%	48.9	49.0	0.1	0.2%	
85.2%	48.7	48.9	0.2	0.4%	
86.4%	48.7	48.9	0.2	0.4%	
87.7%	48.5	48.7	0.2	0.4%	
88.9%	48.5	48.8	0.3	0.6%	
90.1%	48.0	48.7	0.7	1.5%	
91.4%	47.9	48.0	0.1	0.2%	
92.6%	47.7	47.9	0.2	0.4%	
93.8%	47.4	47.7	0.3	0.6%	
95.1%	47.3	47.4	0.1	0.2%	
96.3%	46.9	48.9	2.0	4.5%	
97.5%	46.7	46.7	0.0	0.0%	
98.8%	46.5	46.5	0.0	0.0%	
100.0%	46.5	46.5	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.0	63.9	-1.1	-1.7%	
1.2%	63.9	60.4	-3.5	-5.5%	
2.5%	61.4	58.7	-2.7	-4.4%	
3.7%	58.7	58.7	0.0	0.0%	
4.9%	58.7	55.9	-2.8	-4.8%	
6.2%	58.1	57.2	-0.9	-1.5%	
7.4%	56.2	55.2	-1.0	-1.8%	
8.6%	55.7	54.1	-1.6	-2.9%	
9.9%	55.7	53.8	-1.9	-3.4%	
11.1%	55.5	53.6	-1.9	-3.4%	
12.3%	55.1	53.1	-2.0	-3.6%	
13.6%	54.3	52.8	-1.5	-2.8%	
14.8%	54.1	52.6	-1.5	-2.8%	
16.0%	53.6	52.6	-1.0	-1.9%	
17.3%	53.4	52.5	-0.9	-1.7%	
18.5%	53.2	52.5	-0.7	-1.3%	
19.8%	53.0	52.4	-0.6	-1.1%	
21.0%	52.7	52.4	-0.3	-0.6%	
22.2%	52.6	52.4	-0.2	-0.4%	
23.5%	52.6	52.4	-0.2	-0.4%	
24.7%	52.4	52.3	-0.1	-0.2%	
25.9%	52.2	52.2	0.0	0.0%	
27.2%	52.4	52.2	-0.2	-0.4%	
28.4%	52.4	52.2	-0.2	-0.4%	
29.6%	52.2	52.1	-0.1	-0.2%	
30.9%	52.1	52.0	-0.1	-0.2%	
32.1%	52.0	52.0	0.0	0.0%	
33.3%	51.9	51.9	0.0	0.0%	
34.5%	51.9	51.9	0.0	0.0%	
35.8%	51.8	51.9	0.1	0.2%	
37.0%	51.7	51.8	0.1	0.2%	
38.3%	51.7	51.7	0.0	0.0%	
39.5%	51.6	51.6	0.0	0.0%	
40.7%	51.5	51.5	0.0	0.0%	
42.0%	51.4	51.5	0.1	0.2%	
43.2%	51.3	51.4	0.1	0.2%	
44.4%	51.3	51.4	0.1	0.2%	
45.7%	51.2	51.3	0.1	0.2%	
46.9%	51.2	51.3	0.1	0.2%	
48.1%	51.2	51.2	0.0	0.0%	
49.4%	51.2	51.2	0.0	0.0%	
50.6%	51.1	51.2	0.1	0.2%	
51.9%	51.1	51.2	0.1	0.2%	
53.1%	51.0	51.1	0.1	0.2%	
54.3%	51.0	51.0	0.0	0.0%	
55.6%	51.0	51.0	0.0	0.0%	
56.8%	50.9	50.9	0.0	0.0%	
58.0%	50.9	50.9	0.0	0.0%	
59.3%	50.9	50.9	0.0	0.0%	
60.5%	50.8	50.9	0.1	0.2%	
61.7%	50.8	50.8	0.0	0.0%	
63.0%	50.6	50.6	0.0	0.0%	
64.2%	50.4	50.6	0.2	0.4%	
65.4%	50.3	50.3	0.0	0.0%	
66.7%	50.3	50.3	0.0	0.0%	
67.9%	50.2	50.2	0.0	0.0%	
69.1%	50.2	50.1	-0.1	-0.2%	
70.4%	49.9	50.1	0.2	0.4%	
71.6%	49.7	49.9	0.2	0.4%	
72.8%	49.5	49.9	0.4	0.8%	
74.1%	49.4	49.8	0.4	0.8%	
75.3%	49.3	49.5	0.2	0.4%	
76.5%	49.2	49.5	0.3	0.6%	
77.8%	49.1	49.4	0.3	0.6%	
79.0%	49.0	49.3	0.3	0.6%	
80.2%	49.				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6
Alternative C	51.0	44.4	40.2	39.2	43.0	46.8	51.8	48.8	54.8	58.6	59.3	55.3
Difference	-0.2	-0.1	0.1	0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.2	-0.2
Percent Difference ²	-0.5%	-0.3%	0.2%	0.3%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.0%	-0.3%	-0.4%
Water Year Types ²												
Wet (32%)												
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7
Alternative C	49.9	44.5	41.1	40.4	43.3	46.0	50.7	47.8	51.4	56.9	59.5	54.8
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.2	0.1
Percent Difference	0.1%	0.0%	0.1%	0.1%	-0.1%	-0.3%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	0.3%
Above Normal (15%)												
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2
Alternative C	50.1	42.9	40.0	38.7	43.1	46.8	51.9	48.0	53.7	57.6	58.5	54.0
Difference	-0.2	-0.3	0.0	0.0	0.1	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.2
Percent Difference	-0.4%	-0.7%	0.1%	0.0%	0.1%	0.1%	0.1%	0.0%	-0.4%	-0.3%	-0.4%	-0.4%
Below Normal (17%)												
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0
Alternative C	51.5	44.7	39.8	38.4	42.4	46.8	52.4	48.6	55.4	59.2	59.8	55.8
Difference	-0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2
Percent Difference	-0.4%	0.0%	0.4%	0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.3%
Dry (22%)												
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0
Alternative C	51.0	44.4	40.2	38.3	42.7	47.4	52.5	49.0	57.0	59.1	58.7	54.8
Difference	-0.3	-0.2	0.0	0.3	0.0	-0.1	-0.2	0.0	0.0	-0.1	0.3	-0.2
Percent Difference	-0.5%	-0.5%	0.0%	0.7%	0.0%	-0.2%	-0.3%	0.0%	0.1%	-0.1%	0.5%	-0.4%
Critical (15%)												
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9
Alternative C	53.6	45.0	38.5	39.1	43.4	47.9	52.3	51.6	59.7	61.9	60.1	57.9
Difference	-0.9	-0.2	0.1	0.3	0.0	-0.1	0.0	-0.2	0.0	0.2	-0.9	-1.1
Percent Difference	-1.7%	-0.4%	0.3%	0.7%	0.0%	-0.1%	0.0%	-0.4%	0.0%	0.3%	-1.5%	-1.8%

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

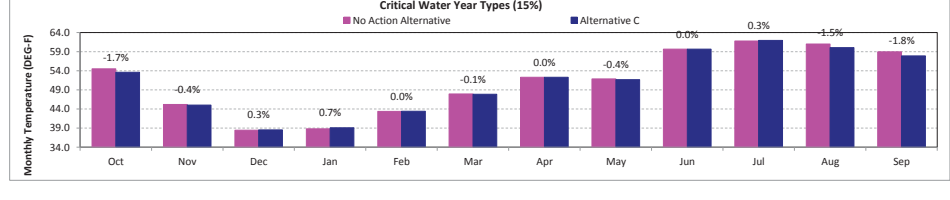
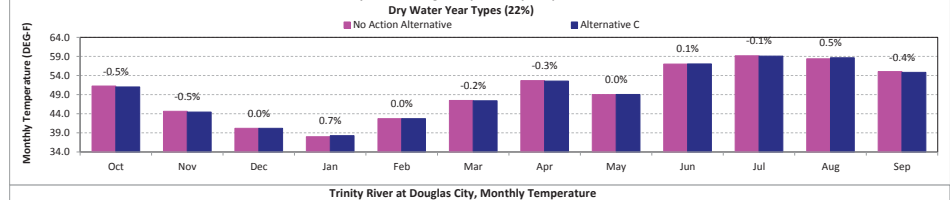
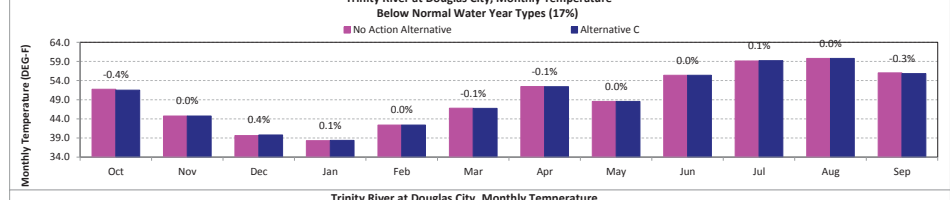
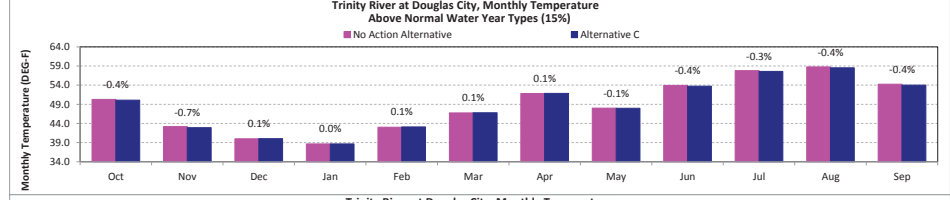
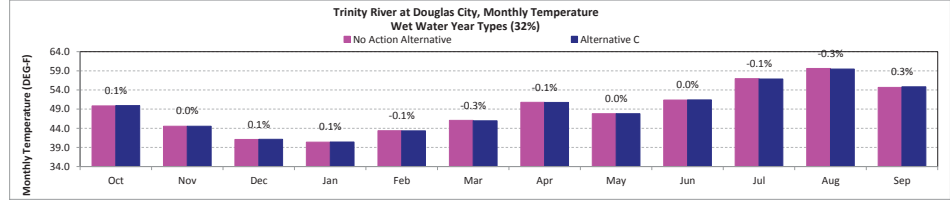
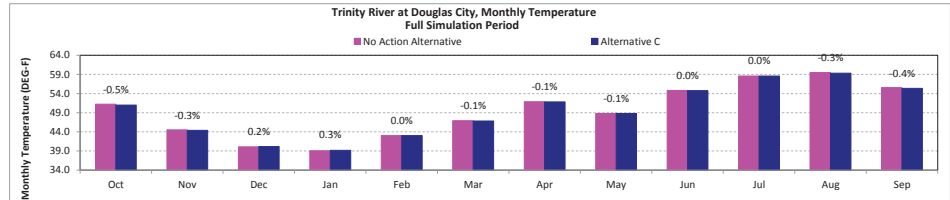


Figure SQ-34-7b
 Trinity River at Douglas City, Monthly Temperature
 Probability of Exceedance

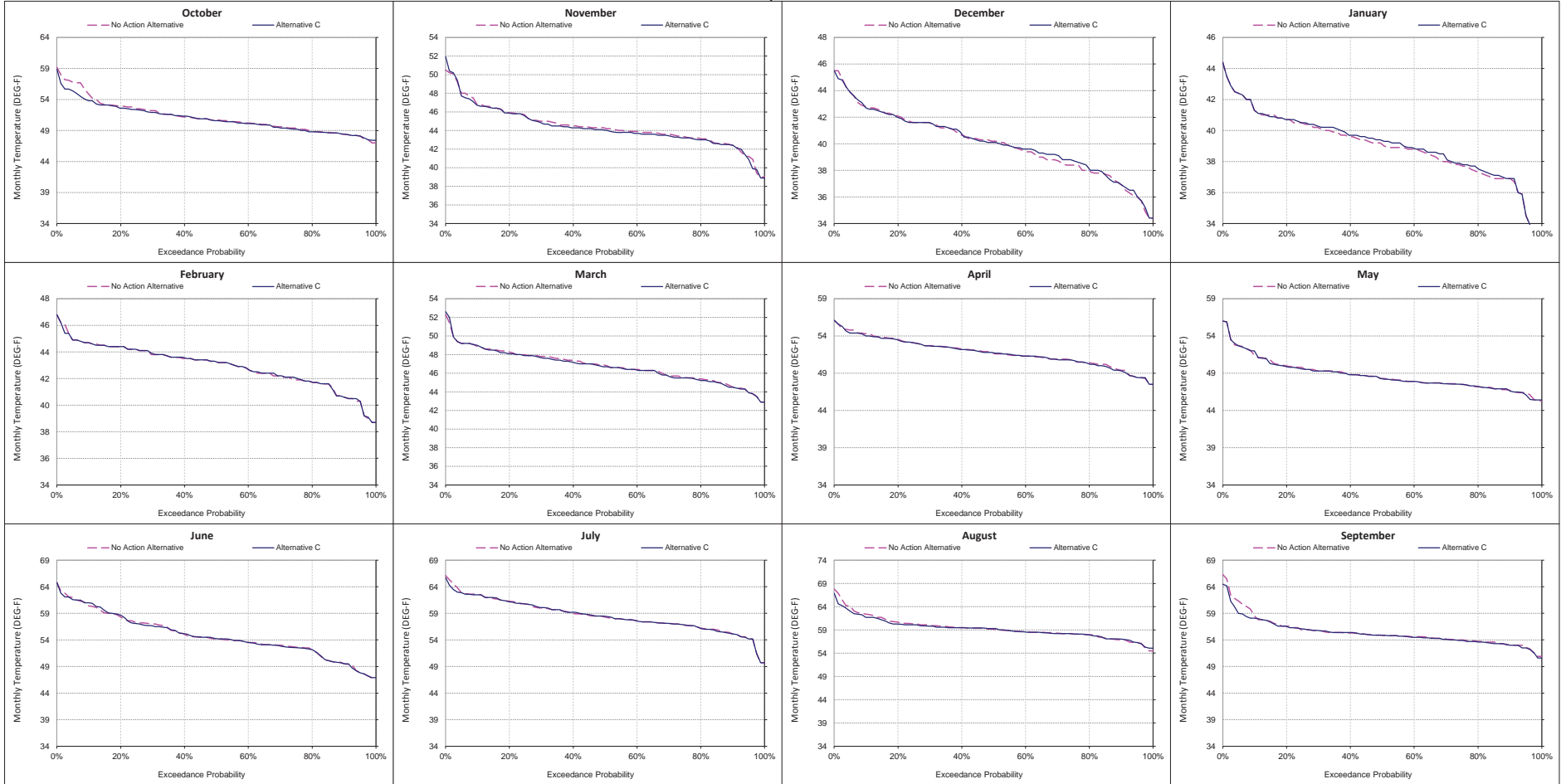


Table SQ-34-7b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.2	58.9	-0.3	-0.5%	
1.2%	58.0	56.6	-1.4	-2.4%	
2.5%	57.2	55.7	-1.5	-2.6%	
3.7%	57.1	55.7	-1.4	-2.5%	
4.9%	56.8	55.4	-1.4	-2.5%	
6.2%	56.7	55.0	-1.7	-3.0%	
7.4%	56.7	54.5	-2.2	-3.9%	
8.6%	55.7	54.1	-1.6	-2.9%	
9.9%	54.9	53.8	-1.1	-2.0%	
11.1%	54.2	53.8	-0.4	-0.7%	
12.3%	54.0	53.3	-0.7	-1.3%	
13.6%	53.4	53.1	-0.3	-0.6%	
14.8%	53.2	53.1	-0.1	-0.2%	
16.0%	53.1	53.1	0.0	0.0%	
17.3%	53.1	53.0	-0.1	-0.2%	
18.5%	53.0	52.9	-0.1	-0.2%	
19.8%	52.9	52.6	-0.3	-0.6%	
21.0%	52.9	52.6	-0.3	-0.6%	
22.2%	52.8	52.5	-0.3	-0.6%	
23.5%	52.8	52.4	-0.4	-0.8%	
24.7%	52.5	52.4	-0.1	-0.2%	
25.9%	52.5	52.4	-0.1	-0.2%	
27.2%	52.4	52.2	-0.2	-0.4%	
28.4%	52.3	52.0	-0.3	-0.6%	
29.6%	52.2	51.9	-0.3	-0.6%	
30.9%	52.2	51.9	-0.3	-0.6%	
32.1%	51.8	51.7	-0.1	-0.2%	
33.3%	51.7	51.6	-0.1	-0.2%	
34.5%	51.6	51.6	0.0	0.0%	
35.8%	51.6	51.6	0.0	0.0%	
37.0%	51.4	51.4	0.0	0.0%	
38.3%	51.3	51.4	0.1	0.2%	
39.5%	51.2	51.3	0.1	0.2%	
40.7%	51.2	51.3	0.1	0.2%	
42.0%	51.1	51.2	0.1	0.2%	
43.2%	51.0	51.0	0.0	0.0%	
44.4%	50.9	50.9	0.0	0.0%	
45.7%	50.9	50.9	0.0	0.0%	
46.9%	50.9	50.9	0.0	0.0%	
48.1%	50.7	50.7	0.0	0.0%	
49.4%	50.7	50.6	-0.1	-0.2%	
50.6%	50.7	50.6	-0.1	-0.2%	
51.9%	50.6	50.5	-0.1	-0.2%	
53.1%	50.6	50.4	-0.2	-0.4%	
54.3%	50.5	50.4	-0.1	-0.2%	
55.6%	50.4	50.4	0.0	0.0%	
56.8%	50.4	50.2	-0.2	-0.4%	
58.0%	50.3	50.2	-0.1	-0.2%	
59.3%	50.2	50.1	-0.1	-0.2%	
60.5%	50.2	50.1	-0.1	-0.2%	
61.7%	50.1	50.1	0.0	0.0%	
63.0%	50.1	50.0	-0.1	-0.2%	
64.2%	50.0	49.9	-0.1	-0.2%	
65.4%	50.0	49.9	-0.1	-0.2%	
66.7%	49.8	49.9	0.1	0.2%	
67.9%	49.7	49.5	-0.2	-0.4%	
69.1%	49.6	49.5	-0.1	-0.2%	
70.4%	49.6	49.4	-0.2	-0.4%	
71.6%	49.5	49.4	-0.1	-0.2%	
72.8%	49.4	49.3	-0.1	-0.2%	
74.1%	49.4	49.2	-0.2	-0.4%	
75.3%	49.4	49.2	-0.2	-0.4%	
76.5%	49.2	49.0	-0.2	-0.4%	
77.8%	49.2	49.0	-0.2	-0.4%	
79.0%	49.0	48.8	-0.2	-0.4%	
80.2%	48.8	48.8	0.0	0.0%	
81.5%	48.8	48.8	0.0	0.0%	
82.7%	48.8	48.7	-0.1	-0.2%	
84.0%	48.7	48.7	0.0	0.0%	
85.2%	48.7	48.6	-0.1	-0.2%	
86.4%	48.6	48.6	0.0	0.0%	
87.7%	48.6	48.6	0.0	0.0%	
88.9%	48.4	48.5	0.1	0.2%	
90.1%	48.4	48.4	0.0	0.0%	
91.4%	48.3	48.3	0.0	0.0%	
92.6%	48.2	48.2	0.0	0.0%	
93.8%	48.2	48.2	0.0	0.0%	
95.1%	48.1	48.1	0.0	0.0%	
96.3%	47.8	47.8	0.0	0.0%	
97.5%	47.5	47.5	0.0	0.0%	
98.8%	47.0	47.4	0.4	0.9%	
100.0%	47.0	47.4	0.4	0.9%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.5	51.9	1.4	2.8%	
1.2%	50.2	50.4	0.2	0.4%	
2.5%	50.1	50.2	0.1	0.2%	
3.7%	49.2	49.6	0.2	0.4%	
4.9%	48.0	47.7	-0.3	-0.6%	
6.2%	48.0	47.5	-0.5	-1.0%	
7.4%	47.7	47.4	-0.3	-0.6%	
8.6%	47.5	47.1	-0.4	-0.8%	
9.9%	46.8	46.7	-0.1	-0.2%	
11.1%	46.8	46.6	-0.2	-0.4%	
12.3%	46.6	46.6	0.0	0.0%	
13.6%	46.6	46.5	-0.1	-0.2%	
14.8%	46.4	46.4	0.0	0.0%	
16.0%	46.4	46.4	0.0	0.0%	
17.3%	46.3	46.3	0.0	0.0%	
18.5%	46.0	45.8	-0.1	-0.2%	
19.8%	45.9	45.9	0.0	0.0%	
21.0%	45.9	45.8	-0.1	-0.2%	
22.2%	45.8	45.8	0.0	0.0%	
23.5%	45.8	45.8	0.0	0.0%	
24.7%	45.7	45.6	-0.1	-0.2%	
25.9%	45.2	45.3	0.0	0.0%	
27.2%	45.1	45.1	0.0	0.0%	
28.4%	45.1	45.0	-0.1	-0.2%	
29.6%	45.0	44.9	-0.1	-0.2%	
30.9%	45.0	44.7	-0.3	-0.7%	
32.1%	45.0	44.7	-0.3	-0.7%	
33.3%	44.9	44.5	-0.4	-0.9%	
34.5%	44.8	44.5	-0.3	-0.7%	
35.8%	44.6	44.5	-0.1	-0.2%	
37.0%	44.6	44.4	-0.2	-0.4%	
38.3%	44.6	44.4	-0.2	-0.4%	
39.5%	44.5	44.3	-0.2	-0.4%	
40.7%	44.5	44.3	-0.2	-0.4%	
42.0%	44.4	44.3	-0.1	-0.2%	
43.2%	44.4	44.2	-0.2	-0.5%	
44.4%	44.4	44.2	-0.2	-0.5%	
45.7%	44.3	44.2	-0.1	-0.2%	
46.9%	44.3	44.1	-0.2	-0.5%	
48.1%	44.3	44.1	-0.2	-0.5%	
49.4%	44.3	44.1	-0.2	-0.5%	
50.6%	44.2	44.0	-0.2	-0.5%	
51.9%	44.2	43.9	-0.3	-0.7%	
53.1%	44.1	43.8	-0.3	-0.7%	
54.3%	44.0	43.8	-0.2	-0.5%	
55.6%	44.0	43.8	-0.2	-0.5%	
56.8%	43.9	43.8	-0.1	-0.2%	
58.0%	43.9	43.8	-0.1	-0.2%	
59.3%	43.9	43.7	-0.2	-0.5%	
60.5%	43.9	43.7	-0.2	-0.5%	
61.7%	43.8	43.6	-0.2	-0.5%	
63.0%	43.8	43.6	-0.2	-0.5%	
64.2%	43.8	43.6	-0.2	-0.5%	
65.4%	43.8	43.6	-0.2	-0.5%	
66.7%	43.7	43.5	-0.2	-0.5%	
67.9%	43.6	43.5	-0.1	-0.2%	
69.1%	43.6	43.5	-0.1	-0.2%	
70.4%	43.6	43.4	-0.2	-0.5%	
71.6%	43.5	43.3	-0.2	-0.5%	
72.8%	43.4	43.3	-0.1	-0.2%	
74.1%	43.4	43.2	-0.2	-0.5%	
75.3%	43.3	43.2	-0.1	-0.2%	
76.5%	43.2	43.2	0.0	0.0%	
77.8%	43.2	43.1	-0.1	-0.2%	
79.0%	43.2	43.0	-0.2	-0.5%	
80.2%	43.1	43.0	-0.1	-0.2%	
81.5%	43.1	43.0	-0.1	-0.2%	
82.7%	43.0	42.9	-0.1	-0.2%	
84.0%	42.7	42.6	-0.1	-0.2%	
85.2%	42.6	42.6	0.0	0.0%	
86.4%	42.6	42.5	-0.1	-0.2%	
87.7%	42.6	42.5	-0.1	-0.2%	
88.9%	42.5	42.5	0.0	0.0%	
90.1%	42.4	42.4	0.0	0.0%	
91.4%	42.2	42.1	-0.1	-0.2%	
92.6%	41.7	42.0	0.3	0.7%	
93.8%	41.3	41.4	0.1	0.2%	
95.1%	41.2	40.8	-0.3	-0.7%	
96.3%	40.8	40.8	0.0	0.0%	
97.5%	39.4	39.8	0.4	1.0%	
98.8%	39.0	38.9	-0.1	-0.3%	
100.0%	39.0	38.9	-0.1	-0.3%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	45.5	45.5	0.0	0.0%	
1.2%	45.5	44.9	-0.6	-1.3%	
2.5%	44.9	44.8	-0.1	-0.2%	
3.7%	44.3	44.3	0.0	0.0%	
4.9%	43.9	43.9	0.0	0.0%	
6.2%	43.6	43.6	0.0	0.0%	
7.4%	43.1	43.3	0.2	0.5%	
8.6%	42.9	42.7	-0.2	-0.5%	
9.9%	42.8	42.7	-0.1	-0.2%	
11.1%	42.7	42.6	-0.1	-0.2%	
12.3%	42.7	42.6	-0.1	-0.2%	
13.6%	42.6	42.5	-0.1	-0.2%	
14.8%	42.5	42.4	-0.1	-0.2%	
16.0%	42.3	42.3	0.0	0.0%	
17.3%	42.3	42.2	-0.1	-0.2%	
18.5%	42.2	42.2	0.0	0.0%	
19.8%	42.1	42.0	-0.1	-0.2%	
21.0%	42.0	41.9	-0.1	-0.2%	
22.2%	41.8	41.7	-0.1	-0.2%	
23.5%	41.7	41.6	-0.1	-0.2%	
24.7%	41.6	41.6	0.0	0.0%	
25.9%	41.6	41.6	0.0	0.0%	
27.2%	41.6	41.6	0.0	0.0%	
28.4%	41.6	41.6	0.0	0.0%	
29.6%	41.6	41.6	0.0	0.0%	
30.9%	41.5	41.5	0.0	0.0%	
32.1%	41.4	41.3	-0.1	-0.2%	
33.3%	41.3	41.3	0.0	0.0%	
34.5%	41.2	41.3	0.1	0.2%	
35.8%	41.2	41.2	0.0	0.0%	
37.0%	41.1	41.1	0.0	0.0%	
38.3%	40.9	41.1	0.2	0.5%	
39.5%	40.7	40.9	0.2	0.5%	
40.7%	40.6	40.5	-0.1	-0.2%	
42.0%	40.4	40.5	0.1	0.2%	
43.2%	40.4	40.4	0.0	0.0%	
44.4%	40.4	40.2	-0.1	-0.2%	
45.7%	40.3	40.2	-0.1	-0.2%	
46.9%	40.3	40.2	-0.1	-0.2%	
48.1%	40.3	40.1	-0.2	-0.5%	
49.4%	40.2	40.1	-0.1	-0.2%	
50.6%	40.2	40.1	-0.1	-0.2%	
51.9%	40.1	40.0	-0.1	-0.2%	
53.1%	40.1	39.9	-0.2	-0.5%	
54.3%	39.9	39.9	0.0	0.0%	
55.6%	39.8	39.8	0.0	0.0%	
56.8%	39.7	39.7	0.0	0.0%	
58.0%	39.6	39.7	0.1	0.3%	
59.3%	39.5	39.6	0.1	0.3%	
60.5%	39.4	39.6	0.2	0.5%	
61.7%	39.4	39.6	0.2	0.5%	
63.0%	39.2	39.5	0.3	0.8%	
64.2%	39.0	39.3	0.3	0.8%	
65.4%	39.0	39.3	0.3	0.8%	
66.7%	38.8	39.2	0.4	1.0%	
67.9%	38.8	39.2	0.4	1.0%	
69.1%	38.8	39.2	0.4	1.0%	
70.4%	38.7	39.1	0.4	1.0%	
71.6%	38.5	38.8	0.3	0.8%	
72.8%	38.4	38.8	0.4	1.0%	
74.1%	38.4	38.8	0.4	1.0%	
75.3%	38.4	38.7	0.3	0.8%	
76.5%	38.4	38.6	0.2	0.5%	
77.8%	38.0	38.5	0.5	1.3%	
79.0%	38.0	38.4	0.4	1.1%	
80.2%	37.9				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.8	46.8	0.0	0.0%	
1.2%	46.2	46.2	0.0	0.0%	
2.5%	46.1	45.4	-0.7	-1.5%	
3.7%	45.4	45.4	0.0	0.0%	
4.9%	44.9	44.9	0.0	0.0%	
6.2%	44.9	44.9	0.0	0.0%	
7.4%	44.8	44.8	0.0	0.0%	
8.6%	44.7	44.7	0.0	0.0%	
9.9%	44.7	44.7	0.0	0.0%	
11.1%	44.6	44.6	0.0	0.0%	
12.3%	44.6	44.5	-0.1	-0.2%	
13.6%	44.5	44.5	0.0	0.0%	
14.8%	44.5	44.5	0.0	0.0%	
16.0%	44.4	44.4	0.0	0.0%	
17.3%	44.4	44.4	0.0	0.0%	
18.5%	44.4	44.4	0.0	0.0%	
19.8%	44.4	44.4	0.0	0.0%	
21.0%	44.4	44.4	0.0	0.0%	
22.2%	44.2	44.2	0.0	0.0%	
23.5%	44.2	44.2	0.0	0.0%	
24.7%	44.2	44.2	0.0	0.0%	
25.9%	44.1	44.1	0.0	0.0%	
27.2%	44.1	44.1	0.0	0.0%	
28.4%	44.1	44.1	0.0	0.0%	
29.6%	43.8	43.9	0.1	0.2%	
30.9%	43.8	43.8	0.0	0.0%	
32.1%	43.8	43.8	0.0	0.0%	
33.3%	43.8	43.8	0.0	0.0%	
34.5%	43.7	43.7	0.0	0.0%	
35.8%	43.6	43.6	0.0	0.0%	
37.0%	43.6	43.6	0.0	0.0%	
38.3%	43.6	43.6	0.0	0.0%	
39.5%	43.5	43.6	0.1	0.2%	
40.7%	43.5	43.5	0.0	0.0%	
42.0%	43.5	43.5	0.0	0.0%	
43.2%	43.4	43.4	0.0	0.0%	
44.4%	43.4	43.4	0.0	0.0%	
45.7%	43.4	43.4	0.0	0.0%	
46.9%	43.4	43.4	0.0	0.0%	
48.1%	43.3	43.3	0.0	0.0%	
49.4%	43.3	43.3	0.0	0.0%	
50.6%	43.2	43.2	0.0	0.0%	
51.9%	43.2	43.2	0.0	0.0%	
53.1%	43.2	43.2	0.0	0.0%	
54.3%	43.1	43.1	0.0	0.0%	
55.6%	43.0	43.0	0.0	0.0%	
56.8%	42.9	42.9	0.0	0.0%	
58.0%	42.9	42.9	0.0	0.0%	
59.3%	42.8	42.8	0.0	0.0%	
60.5%	42.6	42.6	0.0	0.0%	
61.7%	42.5	42.5	0.0	0.0%	
63.0%	42.4	42.5	0.1	0.2%	
64.2%	42.4	42.4	0.0	0.0%	
65.4%	42.4	42.4	0.0	0.0%	
66.7%	42.4	42.4	0.0	0.0%	
67.9%	42.2	42.4	0.2	0.5%	
69.1%	42.2	42.2	0.0	0.0%	
70.4%	42.1	42.2	0.1	0.2%	
71.6%	42.1	42.1	0.0	0.0%	
72.8%	42.1	42.1	0.0	0.0%	
74.1%	41.9	42.1	0.2	0.5%	
75.3%	41.9	42.0	0.1	0.2%	
76.5%	41.9	41.9	0.0	0.0%	
77.8%	41.8	41.8	0.0	0.0%	
79.0%	41.8	41.8	0.0	0.0%	
80.2%	41.7	41.7	0.0	0.0%	
81.5%	41.7	41.7	0.0	0.0%	
82.7%	41.6	41.6	0.0	0.0%	
84.0%	41.6	41.6	0.0	0.0%	
85.2%	41.6	41.6	0.0	0.0%	
86.4%	41.3	41.2	-0.1	-0.2%	
87.7%	40.7	40.7	0.0	0.0%	
88.9%	40.7	40.7	0.0	0.0%	
90.1%	40.6	40.6	0.0	0.0%	
91.4%	40.5	40.5	0.0	0.0%	
92.6%	40.5	40.5	0.0	0.0%	
93.8%	40.3	40.5	0.2	0.5%	
95.1%	40.3	40.3	0.0	0.0%	
96.3%	39.2	39.2	0.0	0.0%	
97.5%	39.0	39.1	0.1	0.3%	
98.8%	38.7	38.7	0.0	0.0%	
100.0%	38.7	38.7	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	52.3	52.6	0.3	0.6%	
1.2%	51.4	52.0	0.6	1.2%	
2.5%	49.9	49.9	0.0	0.0%	
3.7%	49.4	49.4	0.0	0.0%	
4.9%	49.2	49.2	0.0	0.0%	
6.2%	49.2	49.2	0.0	0.0%	
7.4%	49.2	49.2	0.0	0.0%	
8.6%	49.1	49.1	0.0	0.0%	
9.9%	48.9	49.0	0.1	0.2%	
11.1%	48.8	48.8	0.0	0.0%	
12.3%	48.6	48.6	0.0	0.0%	
13.6%	48.6	48.5	-0.1	-0.2%	
14.8%	48.6	48.5	-0.1	-0.2%	
16.0%	48.5	48.4	-0.1	-0.2%	
17.3%	48.4	48.2	-0.2	-0.4%	
18.5%	48.4	48.2	-0.2	-0.4%	
19.8%	48.3	48.1	-0.2	-0.4%	
21.0%	48.2	48.1	-0.1	-0.2%	
22.2%	48.0	48.0	0.0	0.0%	
23.5%	48.0	48.0	0.0	0.0%	
24.7%	48.0	47.9	-0.1	-0.2%	
25.9%	47.9	47.9	0.0	0.0%	
27.2%	47.9	47.9	0.0	0.0%	
28.4%	47.9	47.8	-0.1	-0.2%	
29.6%	47.8	47.7	-0.1	-0.2%	
30.9%	47.8	47.6	-0.2	-0.4%	
32.1%	47.8	47.6	-0.2	-0.4%	
33.3%	47.7	47.5	-0.2	-0.4%	
34.5%	47.6	47.4	-0.2	-0.4%	
35.8%	47.6	47.4	-0.2	-0.4%	
37.0%	47.5	47.3	-0.2	-0.4%	
38.3%	47.4	47.3	-0.1	-0.2%	
39.5%	47.4	47.2	-0.2	-0.4%	
40.7%	47.3	47.1	-0.2	-0.4%	
42.0%	47.3	47.0	-0.3	-0.6%	
43.2%	47.1	47.0	-0.1	-0.2%	
44.4%	47.0	47.0	0.0	0.0%	
45.7%	47.0	47.0	0.0	0.0%	
46.9%	47.0	46.9	-0.1	-0.2%	
48.1%	46.9	46.8	-0.1	-0.2%	
49.4%	46.9	46.7	-0.2	-0.4%	
50.6%	46.8	46.7	-0.1	-0.2%	
51.9%	46.6	46.6	0.0	0.0%	
53.1%	46.6	46.6	0.0	0.0%	
54.3%	46.6	46.6	0.0	0.0%	
55.6%	46.6	46.5	-0.1	-0.2%	
56.8%	46.4	46.4	0.0	0.0%	
58.0%	46.4	46.4	0.0	0.0%	
59.3%	46.4	46.4	0.0	0.0%	
60.5%	46.4	46.3	-0.1	-0.2%	
61.7%	46.3	46.3	0.0	0.0%	
63.0%	46.3	46.3	0.0	0.0%	
64.2%	46.3	46.3	0.0	0.0%	
65.4%	46.3	46.3	0.0	0.0%	
66.7%	46.2	46.0	-0.2	-0.4%	
67.9%	46.0	45.8	-0.2	-0.4%	
69.1%	45.8	45.8	0.0	0.0%	
70.4%	45.7	45.6	-0.1	-0.2%	
71.6%	45.7	45.5	-0.2	-0.4%	
72.8%	45.7	45.5	-0.2	-0.4%	
74.1%	45.6	45.5	-0.1	-0.2%	
75.3%	45.5	45.5	0.0	0.0%	
76.5%	45.5	45.5	0.0	0.0%	
77.8%	45.5	45.4	-0.1	-0.2%	
79.0%	45.4	45.3	-0.1	-0.2%	
80.2%	45.4	45.2	-0.2	-0.4%	
81.5%	45.3	45.2	-0.1	-0.2%	
82.7%	45.3	45.1	-0.2	-0.4%	
84.0%	45.2	45.1	-0.1	-0.2%	
85.2%	45.0	45.0	0.0	0.0%	
86.4%	45.0	44.9	-0.1	-0.2%	
87.7%	44.9	44.7	-0.2	-0.4%	
88.9%	44.7	44.5	-0.2	-0.4%	
90.1%	44.5	44.5	0.0	0.0%	
91.4%	44.4	44.4	0.0	0.0%	
92.6%	44.4	44.3	-0.1	-0.2%	
93.8%	44.3	44.3	0.0	0.0%	
95.1%	43.9	43.9	0.0	0.0%	
96.3%	43.9	43.9	0.0	0.0%	
97.5%	43.5	43.5	0.0	0.0%	
98.8%	42.9	42.9	0.0	0.0%	
100.0%	42.9	42.9	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.1	56.1	0.0	0.0%	
1.2%	55.6	55.6	0.0	0.0%	
2.5%	55.0	55.3	0.3	0.5%	
3.7%	54.9	54.7	-0.2	-0.4%	
4.9%	54.8	54.4	-0.4	-0.7%	
6.2%	54.8	54.4	-0.4	-0.7%	
7.4%	54.4	54.4	0.0	0.0%	
8.6%	54.4	54.3	-0.1	-0.2%	
9.9%	54.3	54.0	-0.3	-0.6%	
11.1%	54.3	54.0	-0.3	-0.6%	
12.3%	54.0	53.9	-0.1	-0.2%	
13.6%	53.9	53.9	0.0	0.0%	
14.8%	53.9	53.7	-0.2	-0.4%	
16.0%	53.8	53.7	-0.1	-0.2%	
17.3%	53.7	53.7	0.0	0.0%	
18.5%	53.7	53.6	-0.1	-0.2%	
19.8%	53.6	53.5	-0.1	-0.2%	
21.0%	53.4	53.3	-0.1	-0.2%	
22.2%	53.2	53.2	0.0	0.0%	
23.5%	53.2	53.2	0.0	0.0%	
24.7%	53.1	53.1	0.0	0.0%	
25.9%	53.0	53.0	0.0	0.0%	
27.2%	52.9	52.9	0.0	0.0%	
28.4%	52.7	52.7	0.0	0.0%	
29.6%	52.7	52.7	0.0	0.0%	
30.9%	52.7	52.6	-0.1	-0.2%	
32.1%	52.6	52.6	0.0	0.0%	
33.3%	52.6	52.6	0.0	0.0%	
34.5%	52.5	52.5	0.0	0.0%	
35.8%	52.5	52.5	0.0	0.0%	
37.0%	52.4	52.4	0.0	0.0%	
38.3%	52.4	52.3	-0.1	-0.2%	
39.5%	52.3	52.2	-0.1	-0.2%	
40.7%	52.2	52.2	0.0	0.0%	
42.0%	52.1	52.1	0.0	0.0%	
43.2%	52.1	52.1	0.0	0.0%	
44.4%	52.1	52.0	-0.1	-0.2%	
45.7%	52.0	51.9	-0.1	-0.2%	
46.9%	51.9	51.8	-0.1	-0.2%	
48.1%	51.9	51.8	-0.1	-0.2%	
49.4%	51.7	51.8	0.1	0.2%	
50.6%	51.6	51.7	0.1	0.2%	
51.9%	51.6	51.6	0.0	0.0%	
53.1%	51.6	51.6	0.0	0.0%	
54.3%	51.5	51.6	0.1	0.2%	
55.6%	51.4	51.5	0.1	0.2%	
56.8%	51.4	51.4	0.0	0.0%	
58.0%	51.3	51.4	0.1	0.2%	
59.3%	51.3	51.3	0.0	0.0%	
60.5%	51.3	51.3	0.0	0.0%	
61.7%	51.3	51.3	0.0	0.0%	
63.0%	51.2	51.3	0.1	0.2%	
64.2%	51.2	51.2	0.0	0.0%	
65.4%	51.1	51.2	0.1	0.2%	
66.7%	51.0	51.1	0.1	0.2%	
67.9%	50.9	50.9	0.0	0.0%	
69.1%	50.9	50.9	0.0	0.0%	
70.4%	50.9	50.8	-0.1	-0.2%	
71.6%	50.9	50.8	-0.1	-0.2%	
72.8%	50.9	50.8	-0.1	-0.2%	
74.1%	50.8	50.8	0.0	0.0%	
75.3%	50.6	50.7	0.1	0.2%	
76.5%	50.5	50.5	0.0	0.0%	
77.8%	50.5	50.5	0.0	0.0%	
79.0%	50.4	50.4	0.0	0.0%	
80.2%	50.4				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	64.8	64.8	0.0	0.0%	
1.2%	63.2	62.8	-0.4	-0.6%	
2.5%	62.6	62.1	-0.7	-1.1%	
3.7%	62.1	61.6	-0.7	-1.1%	
4.9%	62.0	61.6	-0.4	-0.6%	
6.2%	61.5	61.5	0.0	0.0%	
7.4%	61.3	61.5	0.2	0.3%	
8.6%	61.1	61.0	-0.1	-0.2%	
9.9%	60.4	61.0	0.6	1.0%	
11.1%	60.3	60.9	0.6	1.0%	
12.3%	60.1	60.3	0.2	0.3%	
13.6%	59.6	60.2	0.6	1.0%	
14.8%	59.1	59.6	0.5	0.8%	
16.0%	59.0	59.1	0.1	0.2%	
17.3%	59.0	59.0	0.0	0.0%	
18.5%	58.8	58.9	0.1	0.2%	
19.8%	58.4	58.7	0.3	0.5%	
21.0%	57.9	58.3	0.4	0.7%	
22.2%	57.6	57.6	0.0	0.0%	
23.5%	57.6	57.2	-0.4	-0.7%	
24.7%	57.3	57.1	-0.2	-0.3%	
25.9%	57.0	57.0	0.0	0.0%	
27.2%	57.2	56.8	-0.4	-0.7%	
28.4%	57.1	56.7	-0.4	-0.7%	
29.6%	57.0	56.7	-0.3	-0.5%	
30.9%	57.0	56.5	-0.5	-0.9%	
32.1%	56.8	56.5	-0.3	-0.5%	
33.3%	56.7	56.4	-0.3	-0.5%	
34.5%	56.4	56.4	0.0	0.0%	
35.8%	55.8	55.9	0.1	0.2%	
37.0%	55.7	55.8	0.1	0.2%	
38.3%	55.3	55.3	0.0	0.0%	
39.5%	55.2	55.2	0.0	0.0%	
40.7%	54.8	55.1	0.3	0.5%	
42.0%	54.6	54.8	0.2	0.4%	
43.2%	54.6	54.6	0.0	0.0%	
44.4%	54.5	54.6	0.1	0.2%	
45.7%	54.5	54.5	0.0	0.0%	
46.9%	54.5	54.5	0.0	0.0%	
48.1%	54.3	54.5	0.2	0.4%	
49.4%	54.2	54.3	0.1	0.2%	
50.6%	54.2	54.2	0.0	0.0%	
51.9%	54.1	54.2	0.1	0.2%	
53.1%	54.0	54.2	0.2	0.4%	
54.3%	54.0	54.1	0.1	0.2%	
55.6%	53.9	53.9	0.0	0.0%	
56.8%	53.9	53.9	0.0	0.0%	
58.0%	53.8	53.8	0.0	0.0%	
59.3%	53.5	53.6	0.1	0.2%	
60.5%	53.5	53.5	0.0	0.0%	
61.7%	53.5	53.4	-0.1	-0.2%	
63.0%	53.4	53.2	-0.2	-0.4%	
64.2%	53.2	53.1	-0.1	-0.2%	
65.4%	53.1	53.1	0.0	0.0%	
66.7%	53.1	53.1	0.0	0.0%	
67.9%	53.1	53.0	-0.1	-0.2%	
69.1%	53.0	53.0	0.0	0.0%	
70.4%	53.0	52.8	-0.2	-0.4%	
71.6%	52.8	52.7	-0.1	-0.2%	
72.8%	52.8	52.6	-0.2	-0.4%	
74.1%	52.7	52.6	-0.1	-0.2%	
75.3%	52.6	52.5	-0.1	-0.2%	
76.5%	52.6	52.5	-0.1	-0.2%	
77.8%	52.5	52.4	-0.1	-0.2%	
79.0%	52.5	52.3	-0.2	-0.4%	
80.2%	52.1	52.1	0.0	0.0%	
81.5%	51.6	51.6	0.0	0.0%	
82.7%	50.9	51.0	0.1	0.2%	
84.0%	50.3	50.3	0.0	0.0%	
85.2%	50.1	50.1	0.0	0.0%	
86.4%	49.9	49.9	0.0	0.0%	
87.7%	49.8	49.8	0.0	0.0%	
88.9%	49.8	49.7	-0.1	-0.2%	
90.1%	49.5	49.5	0.0	0.0%	
91.4%	49.4	49.5	0.1	0.2%	
92.6%	49.2	48.7	-0.5	-1.0%	
93.8%	48.2	48.2	0.0	0.0%	
95.1%	47.8	47.8	0.0	0.0%	
96.3%	47.7	47.6	-0.1	-0.2%	
97.5%	47.2	47.2	0.0	0.0%	
98.8%	46.8	46.9	0.1	0.2%	
100.0%	46.8	46.9	0.1	0.2%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.1	65.7	-0.4	-0.6%	
1.2%	65.3	64.3	-1.0	-1.5%	
2.5%	64.5	63.5	-1.0	-1.5%	
3.7%	63.8	63.0	-0.8	-1.3%	
4.9%	62.9	62.9	0.0	0.0%	
6.2%	62.7	62.6	-0.1	-0.2%	
7.4%	62.6	62.6	0.0	0.0%	
8.6%	62.6	62.5	-0.1	-0.2%	
9.9%	62.6	62.5	-0.1	-0.2%	
11.1%	62.5	62.5	0.0	0.0%	
12.3%	62.0	62.0	0.0	0.0%	
13.6%	61.9	62.0	0.1	0.2%	
14.8%	61.8	62.0	0.2	0.3%	
16.0%	61.7	61.9	0.2	0.3%	
17.3%	61.5	61.5	0.0	0.0%	
18.5%	61.4	61.4	0.0	0.0%	
19.8%	61.3	61.2	-0.1	-0.2%	
21.0%	61.2	61.1	-0.1	-0.2%	
22.2%	61.1	60.9	-0.2	-0.3%	
23.5%	60.8	60.9	0.1	0.2%	
24.7%	60.8	60.8	0.0	0.0%	
25.9%	60.7	60.7	0.0	0.0%	
27.2%	60.3	60.6	0.3	0.5%	
28.4%	60.1	60.3	0.2	0.3%	
29.6%	60.0	60.1	0.1	0.2%	
30.9%	60.0	60.1	0.1	0.2%	
32.1%	59.9	60.0	0.1	0.2%	
33.3%	59.7	59.7	0.0	0.0%	
34.5%	59.7	59.7	0.0	0.0%	
35.8%	59.6	59.7	0.1	0.2%	
37.0%	59.4	59.4	0.0	0.0%	
38.3%	59.3	59.2	-0.1	-0.2%	
39.5%	59.0	59.2	0.2	0.3%	
40.7%	58.9	59.2	0.3	0.5%	
42.0%	58.9	59.0	0.1	0.2%	
43.2%	58.8	58.9	0.1	0.2%	
44.4%	58.7	58.8	0.1	0.2%	
45.7%	58.5	58.7	0.2	0.3%	
46.9%	58.5	58.5	0.0	0.0%	
48.1%	58.5	58.5	0.0	0.0%	
49.4%	58.4	58.4	0.0	0.0%	
50.6%	58.2	58.4	0.2	0.3%	
51.9%	58.1	58.3	0.2	0.3%	
53.1%	58.0	58.0	0.0	0.0%	
54.3%	58.0	58.0	0.0	0.0%	
55.6%	57.9	57.9	0.0	0.0%	
56.8%	57.8	57.8	0.0	0.0%	
58.0%	57.8	57.8	0.0	0.0%	
59.3%	57.7	57.7	0.0	0.0%	
60.5%	57.5	57.5	0.0	0.0%	
61.7%	57.4	57.4	0.0	0.0%	
63.0%	57.4	57.4	0.0	0.0%	
64.2%	57.4	57.4	0.0	0.0%	
65.4%	57.3	57.3	0.0	0.0%	
66.7%	57.2	57.2	0.0	0.0%	
67.9%	57.2	57.2	0.0	0.0%	
69.1%	57.1	57.1	0.0	0.0%	
70.4%	57.1	57.1	0.0	0.0%	
71.6%	57.0	57.0	0.0	0.0%	
72.8%	57.0	57.0	0.0	0.0%	
74.1%	56.9	56.9	0.0	0.0%	
75.3%	56.7	56.8	0.1	0.2%	
76.5%	56.7	56.7	0.0	0.0%	
77.8%	56.6	56.7	0.1	0.2%	
79.0%	56.4	56.4	0.0	0.0%	
80.2%	56.2	56.1	-0.1	-0.2%	
81.5%	56.1	56.0	-0.1	-0.2%	
82.7%	56.0	56.0	0.0	0.0%	
84.0%	56.0	55.9	-0.1	-0.2%	
85.2%	55.9	55.6	-0.3	-0.5%	
86.4%	55.6	55.5	-0.1	-0.2%	
87.7%	55.5	55.4	-0.1	-0.2%	
88.9%	55.4	55.3	-0.1	-0.2%	
90.1%	55.1	55.1	0.0	0.0%	
91.4%	55.0	55.0	0.0	0.0%	
92.6%	54.6	54.6	0.0	0.0%	
93.8%	54.6	54.5	-0.1	-0.2%	
95.1%	54.2	54.2	0.0	0.0%	
96.3%	54.1	54.1	0.0	0.0%	
97.5%	54.1	54.4	0.3	0.5%	
98.8%	49.7	49.7	0.0	0.0%	
100.0%	49.7	49.7	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.8	66.9	-0.9	-1.3%	
1.2%	66.9	64.6	-2.3	-3.4%	
2.5%	65.5	64.2	-1.3	-2.0%	
3.7%	64.2	63.7	-0.5	-0.8%	
4.9%	64.2	63.1	-1.1	-1.7%	
6.2%	63.1	62.5	-0.6	-1.0%	
7.4%	62.7	62.4	-0.3	-0.5%	
8.6%	62.6	62.3	-0.3	-0.5%	
9.9%	62.4	61.7	-0.7	-1.1%	
11.1%	62.3	61.7	-0.6	-1.0%	
12.3%	62.1	61.7	-0.4	-0.6%	
13.6%	61.7	61.5	-0.2	-0.3%	
14.8%	61.7	61.2	-0.5	-0.8%	
16.0%	61.3	60.9	-0.4	-0.7%	
17.3%	60.9	60.5	-0.4	-0.7%	
18.5%	60.8	60.3	-0.5	-0.8%	
19.8%	60.7	60.3	-0.4	-0.7%	
21.0%	60.5	60.2	-0.3	-0.5%	
22.2%	60.4	60.1	-0.3	-0.5%	
23.5%	60.4	60.1	-0.3	-0.5%	
24.7%	60.3	60.1	-0.2	-0.3%	
25.9%	60.3	60.1	-0.2	-0.3%	
27.2%	60.1	59.9	-0.2	-0.3%	
28.4%	60.1	59.9	-0.2	-0.3%	
29.6%	60.1	59.8	-0.3	-0.5%	
30.9%	59.9	59.8	-0.1	-0.2%	
32.1%	59.9	59.6	-0.3	-0.5%	
33.3%	59.8	59.6	-0.2	-0.3%	
34.5%	59.8	59.6	-0.2	-0.3%	
35.8%	59.7	59.5	-0.2	-0.3%	
37.0%	59.6	59.5	-0.1	-0.2%	
38.3%	59.6	59.5	-0.1	-0.2%	
39.5%	59.5	59.5	0.0	0.0%	
40.7%	59.5	59.5	0.0	0.0%	
42.0%	59.4	59.4	0.0	0.0%	
43.2%	59.4	59.4	0.0	0.0%	
44.4%	59.4	59.4	0.0	0.0%	
45.7%	59.4	59.4	0.0	0.0%	
46.9%	59.4	59.4	0.0	0.0%	
48.1%	59.2	59.3	0.1	0.2%	
49.4%	59.2	59.3	0.1	0.2%	
50.6%	59.1	59.3	0.2	0.3%	
51.9%	59.0	59.0	0.0	0.0%	
53.1%	58.9	59.0	0.1	0.2%	
54.3%	58.9	59.0	0.1	0.2%	
55.6%	58.9	58.8	-0.1	-0.2%	
56.8%	58.7	58.7	0.0	0.0%	
58.0%	58.7	58.6	-0.1	-0.2%	
59.3%	58.6	58.6	0.0	0.0%	
60.5%	58.6	58.5	-0.1	-0.2%	
61.7%	58.5	58.5	0.0	0.0%	
63.0%	58.5	58.5	0.0	0.0%	
64.2%	58.5	58.5	0.0	0.0%	
65.4%	58.4	58.4	0.0	0.0%	
66.7%	58.4	58.4	0.0	0.0%	
67.9%	58.4	58.3	-0.1	-0.2%	
69.1%	58.3	58.2	-0.1	-0.2%	
70.4%	58.3	58.2	-0.1	-0.2%	
71.6%	58.2	58.2	0.0	0.0%	
72.8%	58.2	58.2	0.0	0.0%	
74.1%	58.2	58.2	0.0	0.0%	
75.3%	58.1	58.1	0.0	0.0%	
76.5%	58.1	58.1	0.0	0.0%	
77.8%	58.1	58.1	0.0	0.0%	
79.0%	58.0	58.0	0.0	0.0%	
80.2%	58.0				

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

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

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

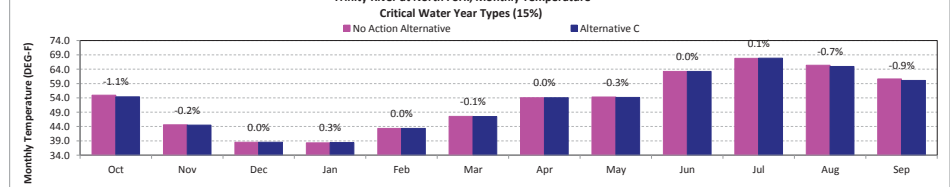
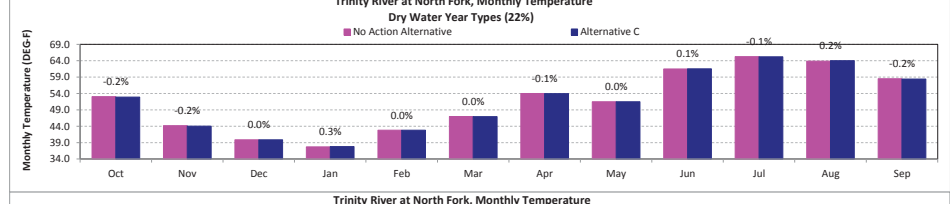
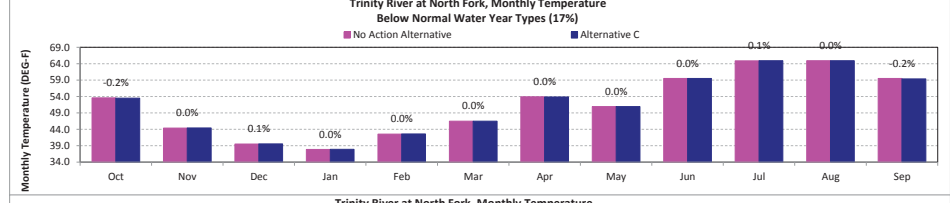
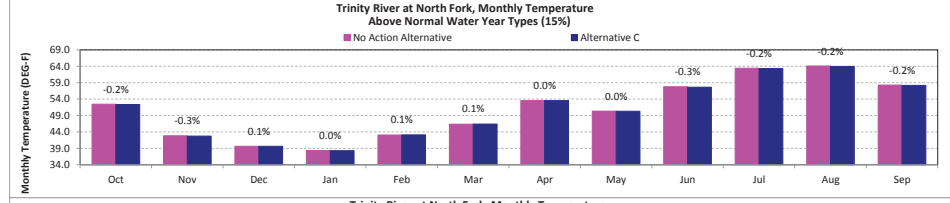
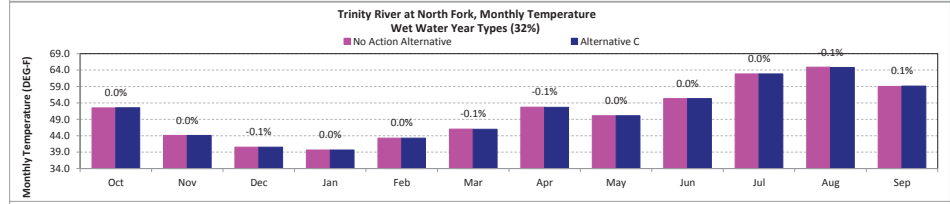
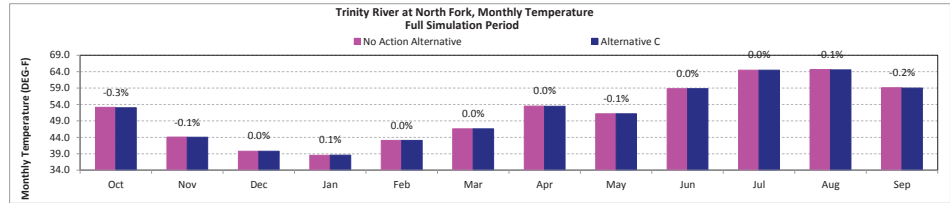


Figure SQ-35-7b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

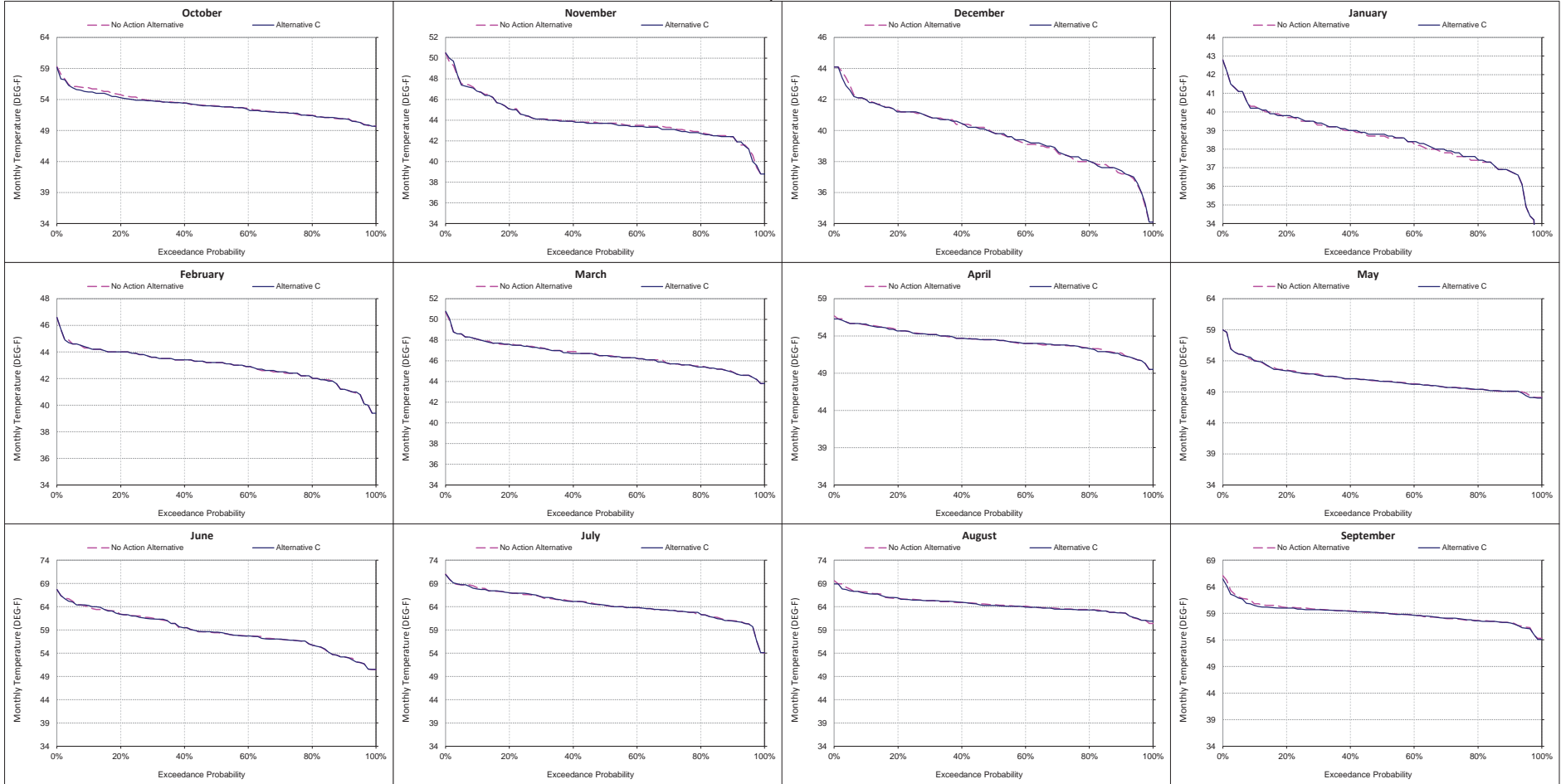


Table SQ-35-7b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.3	59.2	-0.1	-0.2%	
1.2%	58.1	57.3	-0.8	-1.4%	
2.5%	57.3	57.2	-0.1	-0.2%	
3.7%	56.4	56.3	-0.1	-0.2%	
4.9%	56.1	55.9	-0.2	-0.4%	
6.2%	56.1	55.6	-0.5	-0.9%	
7.4%	56.0	55.5	-0.5	-0.9%	
8.6%	55.9	55.3	-0.6	-1.1%	
9.9%	55.7	55.2	-0.5	-1.3%	
11.1%	55.7	55.2	-0.5	-0.9%	
12.3%	55.7	55.0	-0.7	-1.3%	
13.6%	55.5	55.0	-0.5	-0.9%	
14.8%	55.3	55.0	-0.3	-0.5%	
16.0%	55.3	54.8	-0.5	-0.9%	
17.3%	55.0	54.5	-0.5	-0.9%	
18.5%	54.9	54.5	-0.4	-0.7%	
19.8%	54.8	54.3	-0.5	-0.9%	
21.0%	54.6	54.2	-0.4	-0.7%	
22.2%	54.5	54.1	-0.4	-0.7%	
23.5%	54.4	54.0	-0.4	-0.7%	
24.7%	54.4	53.9	-0.5	-0.9%	
25.9%	54.3	53.9	-0.4	-0.7%	
27.2%	54.0	53.9	-0.1	-0.2%	
28.4%	53.9	53.8	-0.1	-0.2%	
29.6%	53.8	53.8	0.0	0.0%	
30.9%	53.8	53.7	-0.1	-0.2%	
32.1%	53.7	53.7	0.0	0.0%	
33.3%	53.6	53.6	0.0	0.0%	
34.5%	53.6	53.6	0.0	0.0%	
35.8%	53.6	53.5	-0.1	-0.2%	
37.0%	53.5	53.5	0.0	0.0%	
38.3%	53.5	53.5	0.0	0.0%	
39.5%	53.5	53.4	-0.1	-0.2%	
40.7%	53.4	53.4	0.0	0.0%	
42.0%	53.2	53.3	0.1	0.2%	
43.2%	53.1	53.2	0.1	0.2%	
44.4%	53.1	53.1	0.0	0.0%	
45.7%	53.1	53.0	-0.1	-0.2%	
46.9%	53.0	53.0	0.0	0.0%	
48.1%	53.0	53.0	0.0	0.0%	
49.4%	53.0	52.9	-0.1	-0.2%	
50.6%	52.9	52.9	0.0	0.0%	
51.9%	52.8	52.8	0.0	0.0%	
53.1%	52.8	52.8	0.0	0.0%	
54.3%	52.8	52.8	0.0	0.0%	
55.6%	52.8	52.7	-0.1	-0.2%	
56.8%	52.7	52.7	0.0	0.0%	
58.0%	52.7	52.7	0.0	0.0%	
59.3%	52.6	52.5	-0.1	-0.2%	
60.5%	52.6	52.2	-0.4	-0.8%	
61.7%	52.3	52.2	-0.1	-0.2%	
63.0%	52.3	52.2	-0.1	-0.2%	
64.2%	52.2	52.1	-0.1	-0.2%	
65.4%	52.1	52.1	0.0	0.0%	
66.7%	52.1	52.0	-0.1	-0.2%	
67.9%	52.0	52.0	0.0	0.0%	
69.1%	52.0	51.9	-0.1	-0.2%	
70.4%	51.9	51.9	0.0	0.0%	
71.6%	51.9	51.9	0.0	0.0%	
72.8%	51.9	51.8	-0.1	-0.2%	
74.1%	51.8	51.8	0.0	0.0%	
75.3%	51.6	51.8	0.2	0.4%	
76.5%	51.5	51.5	0.0	0.0%	
77.8%	51.5	51.5	0.0	0.0%	
79.0%	51.5	51.4	-0.1	-0.2%	
80.2%	51.4	51.4	0.0	0.0%	
81.5%	51.4	51.2	-0.2	-0.4%	
82.7%	51.2	51.2	0.0	0.0%	
84.0%	51.1	51.1	0.0	0.0%	
85.2%	51.1	51.1	0.0	0.0%	
86.4%	51.0	51.1	0.1	0.2%	
87.7%	50.9	51.0	0.1	0.2%	
88.9%	50.9	50.9	0.0	0.0%	
90.1%	50.9	50.9	0.0	0.0%	
91.4%	50.9	50.8	-0.1	-0.2%	
92.6%	50.5	50.5	0.0	0.0%	
93.8%	50.5	50.4	-0.1	-0.2%	
95.1%	50.3	50.3	0.0	0.0%	
96.3%	50.3	49.9	-0.4	-0.8%	
97.5%	49.8	49.9	0.1	0.2%	
98.8%	49.7	49.7	0.0	0.0%	
100.0%	49.7	49.7	0.0	0.0%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.5	50.5	0.0	0.0%	
1.2%	49.6	50.0	0.4	0.8%	
2.5%	48.3	49.7	1.4	2.9%	
3.7%	48.3	48.4	0.1	0.2%	
4.9%	47.5	47.4	-0.1	-0.2%	
6.2%	47.5	47.6	0.1	0.2%	
7.4%	47.4	47.2	-0.2	-0.4%	
8.6%	47.2	47.1	-0.1	-0.2%	
9.9%	46.9	46.8	0.0	0.0%	
11.1%	46.7	46.7	0.0	0.0%	
12.3%	46.5	46.4	-0.1	-0.2%	
13.6%	46.5	46.4	-0.1	-0.2%	
14.8%	46.2	46.2	0.0	0.0%	
16.0%	45.7	45.7	0.0	0.0%	
17.3%	45.6	45.6	0.0	0.0%	
18.5%	45.4	45.4	0.0	0.0%	
19.8%	45.1	45.1	0.0	0.0%	
21.0%	45.1	45.0	-0.1	-0.2%	
22.2%	45.1	45.0	-0.1	-0.2%	
23.5%	44.6	44.6	0.0	0.0%	
24.7%	44.4	44.5	0.1	0.2%	
25.9%	44.2	44.2	0.0	0.0%	
27.2%	44.2	44.2	0.0	0.0%	
28.4%	44.1	44.1	0.0	0.0%	
29.6%	44.1	44.1	0.0	0.0%	
30.9%	44.1	44.1	0.0	0.0%	
32.1%	44.1	44.0	-0.1	-0.2%	
33.3%	44.0	44.0	0.0	0.0%	
34.5%	44.0	44.0	0.0	0.0%	
35.8%	44.0	43.9	-0.1	-0.2%	
37.0%	44.0	43.9	-0.1	-0.2%	
38.3%	43.9	43.9	0.0	0.0%	
39.5%	43.9	43.9	0.0	0.0%	
40.7%	43.9	43.8	-0.1	-0.2%	
42.0%	43.8	43.8	0.0	0.0%	
43.2%	43.8	43.8	0.0	0.0%	
44.4%	43.8	43.7	-0.1	-0.2%	
45.7%	43.8	43.7	-0.1	-0.2%	
46.9%	43.8	43.7	-0.1	-0.2%	
48.1%	43.7	43.7	0.0	0.0%	
49.4%	43.7	43.7	0.0	0.0%	
50.6%	43.7	43.7	0.0	0.0%	
51.9%	43.7	43.7	0.0	0.0%	
53.1%	43.7	43.6	-0.1	-0.2%	
54.3%	43.7	43.5	-0.2	-0.5%	
55.6%	43.6	43.5	-0.1	-0.2%	
56.8%	43.5	43.5	0.0	0.0%	
58.0%	43.5	43.4	-0.1	-0.2%	
59.3%	43.5	43.4	-0.1	-0.2%	
60.5%	43.5	43.4	-0.1	-0.2%	
61.7%	43.5	43.4	-0.1	-0.2%	
63.0%	43.5	43.3	-0.2	-0.5%	
64.2%	43.4	43.3	-0.1	-0.2%	
65.4%	43.4	43.3	-0.1	-0.2%	
66.7%	43.4	43.3	-0.1	-0.2%	
67.9%	43.4	43.1	-0.3	-0.7%	
69.1%	43.3	43.1	-0.2	-0.5%	
70.4%	43.3	43.1	-0.2	-0.5%	
71.6%	43.2	43.1	-0.1	-0.2%	
72.8%	43.1	43.0	-0.1	-0.2%	
74.1%	43.1	42.9	-0.2	-0.5%	
75.3%	43.0	42.9	-0.1	-0.2%	
76.5%	43.0	42.8	-0.2	-0.5%	
77.8%	42.9	42.8	-0.1	-0.2%	
79.0%	42.9	42.8	-0.1	-0.2%	
80.2%	42.8	42.7	-0.1	-0.2%	
81.5%	42.7	42.6	-0.1	-0.2%	
82.7%	42.6	42.6	0.0	0.0%	
84.0%	42.5	42.5	0.0	0.0%	
85.2%	42.5	42.5	0.0	0.0%	
86.4%	42.5	42.4	-0.1	-0.2%	
87.7%	42.5	42.4	-0.1	-0.2%	
88.9%	42.4	42.4	0.0	0.0%	
90.1%	42.4	42.4	0.0	0.0%	
91.4%	41.9	41.9	0.0	0.0%	
92.6%	41.6	41.9	0.3	0.7%	
93.8%	41.6	41.5	-0.1	-0.2%	
95.1%	41.2	41.2	0.0	0.0%	
96.3%	40.6	40.0	-0.6	-1.5%	
97.5%	39.4	39.6	0.2	0.5%	
98.8%	38.8	38.8	0.0	0.0%	
100.0%	38.8	38.8	0.0	0.0%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	44.1	44.1	0.0	0.0%	
1.2%	44.1	44.1	0.0	0.0%	
2.5%	43.6	43.4	-0.4	-0.9%	
3.7%	43.4	42.9	-0.5	-1.2%	
4.9%	42.9	42.6	-0.3	-0.7%	
6.2%	42.3	42.2	-0.1	-0.2%	
7.4%	42.1	42.1	0.0	0.0%	
8.6%	42.1	42.1	0.0	0.0%	
9.9%	42.0	42.0	0.0	0.0%	
11.1%	41.9	41.8	-0.1	-0.2%	
12.3%	41.8	41.8	0.0	0.0%	
13.6%	41.7	41.7	0.0	0.0%	
14.8%	41.7	41.6	-0.1	-0.2%	
16.0%	41.5	41.5	0.0	0.0%	
17.3%	41.5	41.5	0.0	0.0%	
18.5%	41.4	41.4	0.0	0.0%	
19.8%	41.3	41.2	-0.1	-0.2%	
21.0%	41.2	41.2	0.0	0.0%	
22.2%	41.2	41.2	0.0	0.0%	
23.5%	41.2	41.2	0.0	0.0%	
24.7%	41.2	41.2	0.0	0.0%	
25.9%	41.1	41.2	0.1	0.2%	
27.2%	41.1	41.1	0.0	0.0%	
28.4%	41.0	41.0	0.0	0.0%	
29.6%	40.9	40.9	0.0	0.0%	
30.9%	40.8	40.8	0.0	0.0%	
32.1%	40.8	40.8	0.0	0.0%	
33.3%	40.8	40.7	-0.1	-0.2%	
34.5%	40.7	40.7	0.0	0.0%	
35.8%	40.7	40.7	0.0	0.0%	
37.0%	40.7	40.6	-0.1	-0.2%	
38.3%	40.4	40.6	0.2	0.5%	
39.5%	40.4	40.5	0.1	0.2%	
40.7%	40.4	40.4	0.0	0.0%	
42.0%	40.4	40.2	-0.2	-0.5%	
43.2%	40.3	40.2	-0.1	-0.2%	
44.4%	40.2	40.2	0.0	0.0%	
45.7%	40.2	40.1	-0.1	-0.2%	
46.9%	40.2	40.1	-0.1	-0.2%	
48.1%	40.1	40.0	-0.1	-0.2%	
49.4%	39.9	39.9	0.0	0.0%	
50.6%	39.8	39.8	0.0	0.0%	
51.9%	39.8	39.8	0.0	0.0%	
53.1%	39.7	39.8	0.1	0.3%	
54.3%	39.6	39.6	0.0	0.0%	
55.6%	39.6	39.6	0.0	0.0%	
56.8%	39.4	39.4	0.0	0.0%	
58.0%	39.3	39.4	0.1	0.3%	
59.3%	39.2	39.4	0.2	0.5%	
60.5%	39.1	39.3	0.2	0.5%	
61.7%	39.1	39.2	0.1	0.3%	
63.0%	39.1	39.2	0.1	0.3%	
64.2%	39.0	39.2	0.2	0.5%	
65.4%	39.0	39.1	0.1	0.3%	
66.7%	38.9	39.0	0.1	0.3%	
67.9%	38.9	39.0	0.1	0.3%	
69.1%	38.8	38.9	0.1	0.3%	
70.4%	38.5	38.6	0.1	0.3%	
71.6%	38.4	38.5	0.1	0.3%	
72.8%	38.4	38.4	0.0	0.0%	
74.1%	38.3	38.3	0.0	0.0%	
75.3%	38.1	38.3	0.2	0.5%	
76.5%	38.0	38.3	0.3	0.8%	
77.8%	38.0	38.1	0.1	0.3%	
79.0%	38.0	38.1	0.1	0.3%	
80.2%	38.0				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.6	46.6	0.0	0.0%	
1.2%	45.7	45.7	0.0	0.0%	
2.5%	44.9	44.9	0.0	0.0%	
3.7%	44.9	44.7	-0.2	-0.4%	
4.9%	44.6	44.6	0.0	0.0%	
6.2%	44.6	44.6	0.0	0.0%	
7.4%	44.5	44.5	0.0	0.0%	
8.6%	44.3	44.4	0.1	0.2%	
9.9%	44.3	44.3	0.0	0.0%	
11.1%	44.2	44.2	0.0	0.0%	
12.3%	44.2	44.2	0.0	0.0%	
13.6%	44.2	44.2	0.0	0.0%	
14.8%	44.1	44.1	0.0	0.0%	
16.0%	44.0	44.0	0.0	0.0%	
17.3%	44.0	44.0	0.0	0.0%	
18.5%	44.0	44.0	0.0	0.0%	
19.8%	44.0	44.0	0.0	0.0%	
21.0%	44.0	44.0	0.0	0.0%	
22.2%	44.0	44.0	0.0	0.0%	
23.5%	43.9	43.9	0.0	0.0%	
24.7%	43.9	43.9	0.0	0.0%	
25.9%	43.8	43.8	0.0	0.0%	
27.2%	43.8	43.8	0.0	0.0%	
28.4%	43.7	43.7	0.0	0.0%	
29.6%	43.6	43.6	0.0	0.0%	
30.9%	43.6	43.6	0.0	0.0%	
32.1%	43.5	43.5	0.0	0.0%	
33.3%	43.5	43.5	0.0	0.0%	
34.5%	43.5	43.5	0.0	0.0%	
35.8%	43.5	43.5	0.0	0.0%	
37.0%	43.4	43.4	0.0	0.0%	
38.3%	43.4	43.4	0.0	0.0%	
39.5%	43.4	43.4	0.0	0.0%	
40.7%	43.4	43.4	0.0	0.0%	
42.0%	43.4	43.4	0.0	0.0%	
43.2%	43.3	43.3	0.0	0.0%	
44.4%	43.3	43.3	0.0	0.0%	
45.7%	43.3	43.3	0.0	0.0%	
46.9%	43.2	43.2	0.0	0.0%	
48.1%	43.2	43.2	0.0	0.0%	
49.4%	43.2	43.2	0.0	0.0%	
50.6%	43.2	43.2	0.0	0.0%	
51.9%	43.2	43.2	0.0	0.0%	
53.1%	43.1	43.1	0.0	0.0%	
54.3%	43.1	43.1	0.0	0.0%	
55.6%	43.0	43.0	0.0	0.0%	
56.8%	43.0	43.0	0.0	0.0%	
58.0%	43.0	43.0	0.0	0.0%	
59.3%	42.9	42.9	0.0	0.0%	
60.5%	42.9	42.9	0.0	0.0%	
61.7%	42.8	42.8	0.0	0.0%	
63.0%	42.7	42.7	0.0	0.0%	
64.2%	42.6	42.7	0.1	0.2%	
65.4%	42.6	42.6	0.0	0.0%	
66.7%	42.6	42.6	0.0	0.0%	
67.9%	42.5	42.6	0.1	0.2%	
69.1%	42.5	42.5	0.0	0.0%	
70.4%	42.5	42.5	0.0	0.0%	
71.6%	42.4	42.5	0.1	0.2%	
72.8%	42.4	42.4	0.0	0.0%	
74.1%	42.4	42.4	0.0	0.0%	
75.3%	42.4	42.4	0.0	0.0%	
76.5%	42.2	42.2	0.0	0.0%	
77.8%	42.2	42.2	0.0	0.0%	
79.0%	42.2	42.2	0.0	0.0%	
80.2%	42.0	42.0	0.0	0.0%	
81.5%	42.0	42.0	0.0	0.0%	
82.7%	42.0	41.9	-0.1	-0.2%	
84.0%	41.9	41.9	0.0	0.0%	
85.2%	41.9	41.8	-0.1	-0.2%	
86.4%	41.8	41.8	0.0	0.0%	
87.7%	41.6	41.6	0.0	0.0%	
88.9%	41.2	41.2	0.0	0.0%	
90.1%	41.2	41.2	0.0	0.0%	
91.4%	41.1	41.1	0.0	0.0%	
92.6%	41.0	41.0	0.0	0.0%	
93.8%	40.9	41.0	0.1	0.2%	
95.1%	40.8	40.8	0.0	0.0%	
96.3%	40.1	40.1	0.0	0.0%	
97.5%	40.0	40.0	0.0	0.0%	
98.8%	39.4	39.4	0.0	0.0%	
100.0%	39.4	39.4	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.7	50.8	0.1	0.2%	
1.2%	49.9	50.1	0.2	0.4%	
2.5%	48.8	48.8	0.0	0.0%	
3.7%	48.6	48.6	0.0	0.0%	
4.9%	48.6	48.6	0.0	0.0%	
6.2%	48.3	48.3	0.0	0.0%	
7.4%	48.3	48.3	0.0	0.0%	
8.6%	48.2	48.2	0.0	0.0%	
9.9%	48.1	48.1	0.0	0.0%	
11.1%	48.0	48.0	0.0	0.0%	
12.3%	47.9	47.9	0.0	0.0%	
13.6%	47.9	47.8	-0.1	-0.2%	
14.8%	47.7	47.7	0.0	0.0%	
16.0%	47.7	47.7	0.0	0.0%	
17.3%	47.6	47.7	0.1	0.2%	
18.5%	47.6	47.6	0.0	0.0%	
19.8%	47.6	47.6	0.0	0.0%	
21.0%	47.6	47.5	-0.1	-0.2%	
22.2%	47.5	47.5	0.0	0.0%	
23.5%	47.5	47.5	0.0	0.0%	
24.7%	47.5	47.4	-0.1	-0.2%	
25.9%	47.4	47.4	0.0	0.0%	
27.2%	47.4	47.3	-0.1	-0.2%	
28.4%	47.3	47.3	0.0	0.0%	
29.6%	47.3	47.2	-0.1	-0.2%	
30.9%	47.2	47.2	0.0	0.0%	
32.1%	47.1	47.1	0.0	0.0%	
33.3%	47.0	47.0	0.0	0.0%	
34.5%	47.0	47.0	0.0	0.0%	
35.8%	47.0	47.0	0.0	0.0%	
37.0%	46.9	46.8	-0.1	-0.2%	
38.3%	46.9	46.8	-0.1	-0.2%	
39.5%	46.9	46.7	-0.2	-0.4%	
40.7%	46.9	46.7	-0.2	-0.4%	
42.0%	46.7	46.7	0.0	0.0%	
43.2%	46.7	46.7	0.0	0.0%	
44.4%	46.7	46.7	0.0	0.0%	
45.7%	46.7	46.7	0.0	0.0%	
46.9%	46.7	46.6	-0.1	-0.2%	
48.1%	46.5	46.5	0.0	0.0%	
49.4%	46.5	46.5	0.0	0.0%	
50.6%	46.5	46.5	0.0	0.0%	
51.9%	46.5	46.4	-0.1	-0.2%	
53.1%	46.4	46.4	0.0	0.0%	
54.3%	46.4	46.4	0.0	0.0%	
55.6%	46.3	46.3	0.0	0.0%	
56.8%	46.3	46.3	0.0	0.0%	
58.0%	46.3	46.3	0.0	0.0%	
59.3%	46.3	46.3	0.0	0.0%	
60.5%	46.2	46.2	0.0	0.0%	
61.7%	46.2	46.2	0.0	0.0%	
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%	46.1	45.9	-0.2	-0.4%	
67.9%	46.1	45.9	-0.2	-0.4%	
69.1%	45.8	45.8	0.0	0.0%	
70.4%	45.7	45.7	0.0	0.0%	
71.6%	45.7	45.7	0.0	0.0%	
72.8%	45.7	45.7	0.0	0.0%	
74.1%	45.6	45.6	0.0	0.0%	
75.3%	45.6	45.6	0.0	0.0%	
76.5%	45.6	45.6	0.0	0.0%	
77.8%	45.5	45.5	0.0	0.0%	
79.0%	45.5	45.4	-0.1	-0.2%	
80.2%	45.5	45.4	-0.1	-0.2%	
81.5%	45.4	45.4	0.0	0.0%	
82.7%	45.3	45.3	0.0	0.0%	
84.0%	45.3	45.3	0.0	0.0%	
85.2%	45.2	45.2	0.0	0.0%	
86.4%	45.2	45.2	0.0	0.0%	
87.7%	45.1	45.1	0.0	0.0%	
88.9%	45.1	45.0	-0.1	-0.2%	
90.1%	44.9	44.9	0.0	0.0%	
91.4%	44.7	44.7	0.0	0.0%	
92.6%	44.6	44.6	0.0	0.0%	
93.8%	44.6	44.6	0.0	0.0%	
95.1%	44.6	44.6	0.0	0.0%	
96.3%	44.1	44.1	0.0	0.0%	
97.5%	44.2	44.2	0.0	0.0%	
98.8%	43.8	43.8	0.0	0.0%	
100.0%	43.8	43.8	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.7	56.3	-0.4	-0.7%	
1.2%	56.3	56.3	0.0	0.0%	
2.5%	56.3	56.1	-0.2	-0.4%	
3.7%	56.3	55.9	-0.4	-0.7%	
4.9%	55.7	55.7	0.0	0.0%	
6.2%	55.7	55.7	0.0	0.0%	
7.4%	55.7	55.7	0.0	0.0%	
8.6%	55.6	55.6	0.0	0.0%	
9.9%	55.5	55.6	0.1	0.2%	
11.1%	55.4	55.4	0.0	0.0%	
12.3%	55.4	55.3	-0.1	-0.2%	
13.6%	55.3	55.2	-0.1	-0.2%	
14.8%	55.2	55.2	0.0	0.0%	
16.0%	55.1	55.1	0.0	0.0%	
17.3%	55.1	54.9	-0.2	-0.4%	
18.5%	55.0	54.9	-0.1	-0.2%	
19.8%	54.8	54.7	-0.1	-0.2%	
21.0%	54.7	54.7	0.0	0.0%	
22.2%	54.7	54.7	0.0	0.0%	
23.5%	54.6	54.6	0.0	0.0%	
24.7%	54.4	54.4	0.0	0.0%	
25.9%	54.4	54.3	-0.1	-0.2%	
27.2%	54.3	54.3	0.0	0.0%	
28.4%	54.3	54.3	0.0	0.0%	
29.6%	54.2	54.2	0.0	0.0%	
30.9%	54.2	54.2	0.0	0.0%	
32.1%	54.2	54.2	0.0	0.0%	
33.3%	54.0	54.0	0.0	0.0%	
34.5%	54.0	54.0	0.0	0.0%	
35.8%	53.9	54.0	0.1	0.2%	
37.0%	53.9	53.9	0.0	0.0%	
38.3%	53.7	53.7	0.0	0.0%	
39.5%	53.7	53.7	0.0	0.0%	
40.7%	53.7	53.7	0.0	0.0%	
42.0%	53.7	53.6	-0.1	-0.2%	
43.2%	53.6	53.6	0.0	0.0%	
44.4%	53.6	53.6	0.0	0.0%	
45.7%	53.6	53.5	-0.1	-0.2%	
46.9%	53.5	53.5	0.0	0.0%	
48.1%	53.5	53.5	0.0	0.0%	
49.4%	53.5	53.5	0.0	0.0%	
50.6%	53.5	53.5	0.0	0.0%	
51.9%	53.4	53.4	0.0	0.0%	
53.1%	53.4	53.4	0.0	0.0%	
54.3%	53.3	53.3	0.0	0.0%	
55.6%	53.2	53.2	0.0	0.0%	
56.8%	53.1	53.2	0.1	0.2%	
58.0%	53.0	53.1	0.1	0.2%	
59.3%	53.0	53.0	0.0	0.0%	
60.5%	53.0	53.0	0.0	0.0%	
61.7%	53.0	53.0	0.0	0.0%	
63.0%	53.0	53.0	0.0	0.0%	
64.2%	52.9	53.0	0.1	0.2%	
65.4%	52.8	53.0	0.2	0.4%	
66.7%	52.8	52.9	0.1	0.2%	
67.9%	52.8	52.9	0.1	0.2%	
69.1%	52.8	52.8	0.0	0.0%	
70.4%	52.8	52.8	0.0	0.0%	
71.6%	52.8	52.8	0.0	0.0%	
72.8%	52.7	52.8	0.1	0.2%	
74.1%	52.7	52.7	0.0	0.0%	
75.3%	52.7	52.7	0.0	0.0%	
76.5%	52.6	52.6	0.0	0.0%	
77.8%	52.5	52.4	-0.1	-0.2%	
79.0%	52.4	52.4	0.0	0.0%	
80.2%	52.4				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.7	67.7	0.0	0.0%	
1.2%	66.4	66.4	0.0	0.0%	
2.5%	65.0	65.7	-0.1	-0.2%	
3.7%	65.7	65.2	0.5	0.8%	
4.9%	65.2	65.0	-0.2	-0.3%	
6.2%	64.4	64.4	0.0	0.0%	
7.4%	64.4	64.4	0.0	0.0%	
8.6%	64.2	64.4	0.2	0.3%	
9.9%	64.0	64.3	0.3	0.5%	
11.1%	63.6	64.0	0.4	0.6%	
12.3%	63.4	64.0	0.6	0.9%	
13.6%	63.4	63.9	0.5	0.8%	
14.8%	63.4	63.4	0.0	0.0%	
16.0%	63.2	63.1	-0.1	-0.2%	
17.3%	63.1	63.1	0.0	0.0%	
18.5%	62.6	62.6	-0.5	-0.8%	
19.8%	62.4	62.4	0.0	0.0%	
21.0%	62.3	62.3	0.0	0.0%	
22.2%	62.2	62.3	0.1	0.2%	
23.5%	62.1	62.0	-0.1	-0.2%	
24.7%	62.0	62.0	0.0	0.0%	
25.9%	61.7	61.7	-0.3	-0.5%	
27.2%	61.7	61.6	-0.1	-0.2%	
28.4%	61.7	61.4	-0.3	-0.5%	
29.6%	61.6	61.4	-0.2	-0.3%	
30.9%	61.4	61.3	-0.1	-0.2%	
32.1%	61.3	61.3	0.0	0.0%	
33.3%	61.1	61.3	0.2	0.3%	
34.5%	61.0	61.0	0.0	0.0%	
35.8%	60.4	60.4	0.0	0.0%	
37.0%	60.4	60.4	0.0	0.0%	
38.3%	59.5	59.7	0.2	0.3%	
39.5%	59.5	59.5	0.0	0.0%	
40.7%	59.5	59.5	0.0	0.0%	
42.0%	59.1	59.1	0.0	0.0%	
43.2%	58.9	58.9	0.0	0.0%	
44.4%	58.6	58.7	0.1	0.2%	
45.7%	58.6	58.6	0.0	0.0%	
46.9%	58.6	58.6	0.0	0.0%	
48.1%	58.5	58.6	0.1	0.2%	
49.4%	58.4	58.5	0.1	0.2%	
50.6%	58.4	58.5	0.1	0.2%	
51.9%	58.2	58.4	0.2	0.3%	
53.1%	58.2	58.2	0.0	0.0%	
54.3%	58.0	58.0	0.0	0.0%	
55.6%	57.8	57.9	0.1	0.2%	
56.8%	57.8	57.8	0.0	0.0%	
58.0%	57.8	57.7	-0.1	-0.2%	
59.3%	57.7	57.7	0.0	0.0%	
60.5%	57.7	57.7	0.0	0.0%	
61.7%	57.7	57.6	-0.1	-0.2%	
63.0%	57.6	57.6	0.0	0.0%	
64.2%	57.6	57.2	-0.4	-0.7%	
65.4%	57.2	57.1	-0.1	-0.2%	
66.7%	57.2	57.0	-0.2	-0.3%	
67.9%	57.1	57.0	-0.1	-0.2%	
69.1%	57.0	57.0	0.0	0.0%	
70.4%	57.0	57.0	0.0	0.0%	
71.6%	56.9	56.9	0.0	0.0%	
72.8%	56.8	56.8	0.0	0.0%	
74.1%	56.8	56.8	0.0	0.0%	
75.3%	56.7	56.7	0.0	0.0%	
76.5%	56.6	56.6	0.0	0.0%	
77.8%	56.6	56.6	0.0	0.0%	
79.0%	56.0	56.0	0.0	0.0%	
80.2%	55.7	55.7	0.0	0.0%	
81.5%	55.5	55.5	0.0	0.0%	
82.7%	55.3	55.3	0.0	0.0%	
84.0%	54.8	54.9	0.1	0.2%	
85.2%	54.2	54.2	0.0	0.0%	
86.4%	53.7	53.7	0.0	0.0%	
87.7%	53.6	53.6	0.0	0.0%	
88.9%	53.3	53.2	-0.1	-0.2%	
90.1%	53.2	53.2	0.0	0.0%	
91.4%	53.0	53.0	0.0	0.0%	
92.6%	52.9	52.6	-0.3	-0.6%	
93.8%	52.1	52.1	0.0	0.0%	
95.1%	52.0	52.0	0.0	0.0%	
96.3%	51.7	51.7	0.0	0.0%	
97.5%	50.6	50.6	0.0	0.0%	
98.8%	50.5	50.5	0.0	0.0%	
100.0%	50.5	50.5	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	71.0	70.9	-0.1	-0.1%	
1.2%	69.9	69.9	0.0	0.0%	
2.5%	68.0	68.1	0.1	0.1%	
3.7%	68.8	68.2	0.6	0.9%	
4.9%	68.7	68.7	0.0	0.0%	
6.2%	68.7	68.7	0.0	0.0%	
7.4%	68.7	68.4	-0.3	-0.4%	
8.6%	68.5	68.0	-0.5	-0.7%	
9.9%	68.1	67.8	-0.3	-0.4%	
11.1%	68.0	67.7	-0.3	-0.4%	
12.3%	67.9	67.7	-0.2	-0.3%	
13.6%	67.4	67.4	0.0	0.0%	
14.8%	67.4	67.4	0.0	0.0%	
16.0%	67.3	67.4	0.1	0.1%	
17.3%	67.3	67.3	0.0	0.0%	
18.5%	67.2	67.1	-0.1	-0.1%	
19.8%	67.0	67.0	0.0	0.0%	
21.0%	66.9	66.9	0.0	0.0%	
22.2%	66.9	66.9	0.0	0.0%	
23.5%	66.7	66.9	0.2	0.3%	
24.7%	66.6	66.9	0.3	0.5%	
25.9%	62.0	62.0	0.0	0.0%	
27.2%	66.5	66.6	0.1	0.2%	
28.4%	66.4	66.5	0.1	0.2%	
29.6%	66.2	66.2	0.0	0.0%	
30.9%	65.8	66.0	0.2	0.3%	
32.1%	65.8	66.0	0.2	0.3%	
33.3%	65.7	65.8	0.2	0.3%	
34.5%	65.6	65.6	0.0	0.0%	
35.8%	65.5	65.5	0.0	0.0%	
37.0%	65.5	65.3	-0.2	-0.3%	
38.3%	65.3	65.2	-0.1	-0.2%	
39.5%	65.2	65.1	-0.1	-0.2%	
40.7%	65.1	65.1	0.0	0.0%	
42.0%	65.1	65.1	0.0	0.0%	
43.2%	65.1	65.0	-0.1	-0.2%	
44.4%	65.0	64.8	-0.2	-0.3%	
45.7%	64.8	64.6	-0.2	-0.3%	
46.9%	64.6	64.5	-0.1	-0.2%	
48.1%	64.4	64.5	0.1	0.2%	
49.4%	64.3	64.4	0.1	0.2%	
50.6%	64.2	64.3	0.1	0.2%	
51.9%	64.1	64.1	0.0	0.0%	
53.1%	64.0	64.0	0.0	0.0%	
54.3%	64.0	64.0	0.0	0.0%	
55.6%	64.0	64.0	0.0	0.0%	
56.8%	63.8	63.8	0.0	0.0%	
58.0%	63.8	63.8	0.0	0.0%	
59.3%	63.8	63.8	0.0	0.0%	
60.5%	63.8	63.8	0.0	0.0%	
61.7%	63.7	63.7	0.0	0.0%	
63.0%	63.6	63.6	0.0	0.0%	
64.2%	63.6	63.6	0.0	0.0%	
65.4%	63.4	63.4	0.0	0.0%	
66.7%	63.4	63.4	0.0	0.0%	
67.9%	63.3	63.3	0.0	0.0%	
69.1%	63.3	63.3	0.0	0.0%	
70.4%	63.2	63.2	0.0	0.0%	
71.6%	63.2	63.2	0.0	0.0%	
72.8%	63.0	63.0	0.0	0.0%	
74.1%	63.0	63.0	0.0	0.0%	
75.3%	62.9	62.9	0.0	0.0%	
76.5%	62.8	62.8	0.0	0.0%	
77.8%	62.8	62.8	0.0	0.0%	
79.0%	62.3	62.8	0.5	0.8%	
80.2%	62.3	62.3	0.0	0.0%	
81.5%	62.2	62.2	0.0	0.0%	
82.7%	61.9	61.9	0.0	0.0%	
84.0%	61.8	61.7	-0.1	-0.2%	
85.2%	61.7	61.4	-0.3	-0.5%	
86.4%	61.4	61.3	-0.1	-0.2%	
87.7%	61.2	61.2	0.0	0.0%	
88.9%	61.0	61.0	0.0	0.0%	
90.1%	61.0	60.9	-0.1	-0.2%	
91.4%	60.9	60.8	-0.1	-0.2%	
92.6%	60.8	60.7	-0.1	-0.2%	
93.8%	60.4	60.4	0.0	0.0%	
95.1%	60.3	60.3	0.0	0.0%	
96.3%	60.2	60.2	0.0	0.0%	
97.5%	56.6	56.6	0.0	0.0%	
98.8%	54.1	54.1	0.0	0.0%	
100.0%	54.1	54.1	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	69.6	68.9	-0.7	-1.0%	
1.2%	68.9	68.9	0.0	0.0%	
2.5%	68.9	67.8	-1.1	-1.6%	
3.7%	68.2	67.7	-0.5	-0.7%	
4.9%	67.8	67.4	-0.4	-0.6%	
6.2%	67.3	67.3	0.0	0.0%	
7.4%	67.3	67.3	0.0	0.0%	
8.6%	67.2	67.0	-0.2	-0.3%	
9.9%	67.2	66.9	-0.3	-0.4%	
11.1%	66.7	67.0	0.3	0.4%	
12.3%	66.8	66.7	-0.1	-0.1%	
13.6%	66.8	66.7	-0.1	-0.1%	
14.8%	66.7	66.4	-0.3	-0.4%	
16.0%	66.0	66.1	0.1	0.2%	
17.3%	65.9	66.0	0.1	0.2%	
18.5%	65.8	66.0	0.2	0.3%	
19.8%	65.8	65.9	0.1	0.2%	
21.0%	65.7	65.6	-0.1	-0.2%	
22.2%	65.6	65.6	0.0	0.0%	
23.5%	65.6	65.5	-0.1	-0.2%	
24.7%	65.6	65.4	-0.2	-0.3%	
25.9%	65.4	65.4	0.0	0.0%	
27.2%	65.4	65.4	0.0	0.0%	
28.4%	65.3	65.3	0.0	0.0%	
29.6%	65.3	65.3	0.0	0.0%	
30.9%	65.3	65.3	0.0	0.0%	
32.1%	65.2	65.3	0.1	0.2%	
33.3%	65.1	65.2	0.1	0.2%	
34.5%	65.1	65.2	0.1	0.2%	
35.8%	65.1	65.2	0.1	0.2%	
37.0%	65.0	65.1	0.1	0.2%	
38.3%	64.9	65.0	0.1	0.2%	
39.5%	64.9	65.0	0.1	0.2%	
40.7%	64.9	64.9	0.0	0.0%	
42.0%	64.8	64.8	0.0	0.0%	
43.2%	64.8	64.7	-0.1	-0.2%	
44.4%	64.7	64.6	-0.1	-0.2%	
45.7%	64.6	64.4	-0.2	-0.3%	
46.9%	64.6	64.3	-0.3	-0.5%	
48.1%	64.5	64.3	-0.2	-0.3%	
49.4%	64.4	64.4	0.0	0.0%	
50.6%	64.4	64.3	-0.1	-0.2%	
51.9%	64.3	64.2	-0.1	-0.2%	
53.1%	64.3	64.1	-0.2	-0.3%	
54.3%	64.2	64.1	-0.1	-0.2%	
55.6%	64.2	64.1	-0.1	-0.2%	
56.8%	64.1	64.1	0.0	0.0%	
58.0%	64.1	64.1	0.0	0.0%	
59.3%	64.1	64.0	-0.1	-0.2%	
60.5%	64.1	63.9	-0.2	-0.3%	
61.7%	63.9	63.9	0.0	0.0%	
63.0%	63.9	63.9	0.0	0.0%	
64.2%	63.8	63.8	0.0	0.0%	
65.4%	63.7	63.7	0.0	0.0%	
66.7%	63.8	63.7	-0.1	-0.2%	
67.9%	63.7	63.7	0.0	0.0%	
69.1%	63.7	63.5	-0.2	-0.3%	
70.4%	63.6	63.5	-0.1	-0.2%	
71.6%	63.5	63.5	0.0	0.0%	
72.8%	63.5	63.4	-0.1	-0.2%	
74.1%	63.5	63.4	-0.1	-0.2%	
75.3%	63.4	63.4	0.0	0.0%	
76.5%	63.4	63.3	-0.1	-0.2%	
77.8%	63.4	63.3	-0.1	-0.2%	
79.0%	63.4	63.3	-0.1	-0.2%	
80.2%	63.3				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1
Alternative C	50.9	47.9	43.2	41.8	43.2	45.8	48.6	51.6	52.8	52.2	52.2	51.8
Difference	-0.3	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.3
Percent Difference ²	-0.5%	-0.2%	-0.1%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.2%	-0.3%	-0.6%
Water Year Types²												
Wet (32%)												
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7
Alternative C	49.3	47.0	42.6	41.5	43.3	45.4	47.7	51.0	52.4	51.9	52.0	50.7
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.4%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4
Alternative C	50.3	47.5	43.3	41.9	43.3	45.8	48.3	52.3	53.7	52.4	52.1	50.9
Difference	-0.4	-0.2	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	-0.2	-0.3	-0.5
Percent Difference	-0.9%	-0.4%	0.0%	-0.1%	0.0%	-0.1%	0.1%	0.0%	-0.3%	-0.4%	-0.5%	-0.9%
Below Normal (17%)												
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4
Alternative C	51.3	48.1	43.3	41.6	42.6	45.5	48.8	52.3	52.7	52.4	52.4	52.1
Difference	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2
Percent Difference	-0.7%	0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.1%	-0.4%
Dry (22%)												
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0
Alternative C	51.1	48.5	43.6	42.0	43.2	45.9	49.6	51.9	53.0	52.1	51.8	51.8
Difference	-0.3	-0.2	-0.1	0.1	0.1	-0.1	-0.2	0.1	0.2	0.0	0.2	-0.1
Percent Difference	-0.5%	-0.4%	-0.1%	0.2%	0.3%	-0.1%	-0.5%	0.2%	0.3%	0.1%	0.3%	-0.2%
Critical (15%)												
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8
Alternative C	54.3	49.1	43.7	42.2	43.8	46.7	49.3	51.1	53.0	52.8	53.1	54.4
Difference	-0.7	-0.5	-0.1	0.1	0.1	0.0	0.0	-0.2	-0.1	0.0	-0.5	-1.4
Percent Difference	-1.3%	-0.9%	-0.2%	0.3%	0.1%	-0.1%	0.0%	-0.3%	-0.1%	0.0%	-1.0%	-2.5%

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

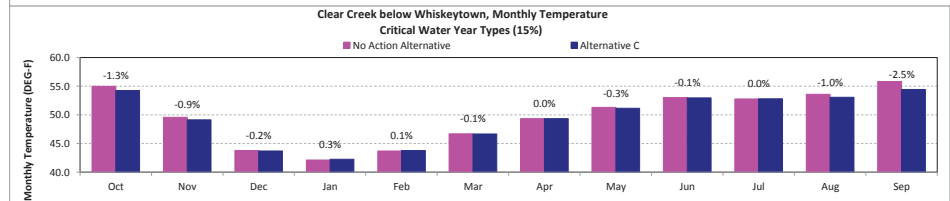
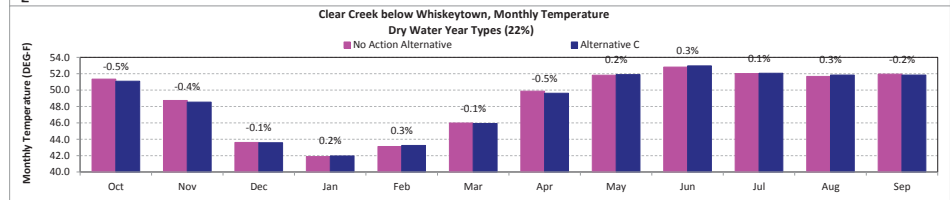
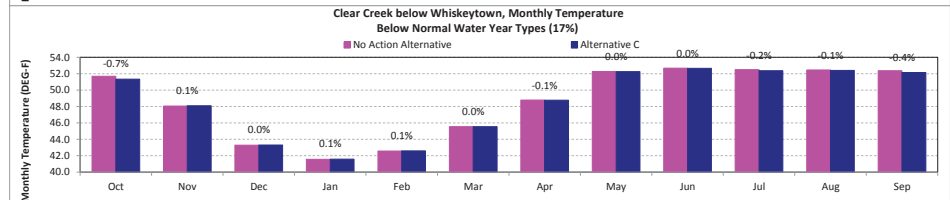
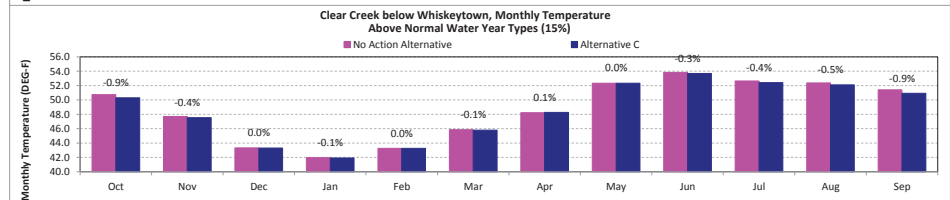
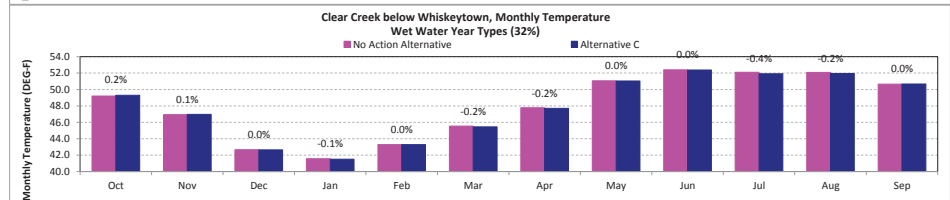
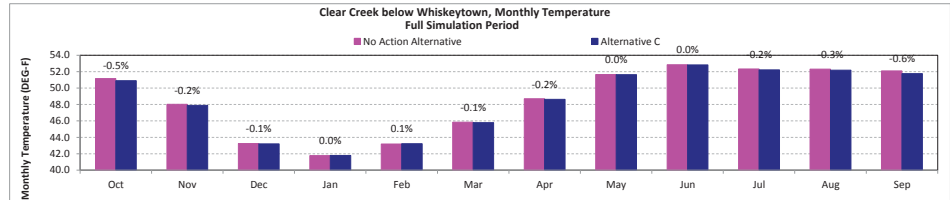


Figure SQ-36-7b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

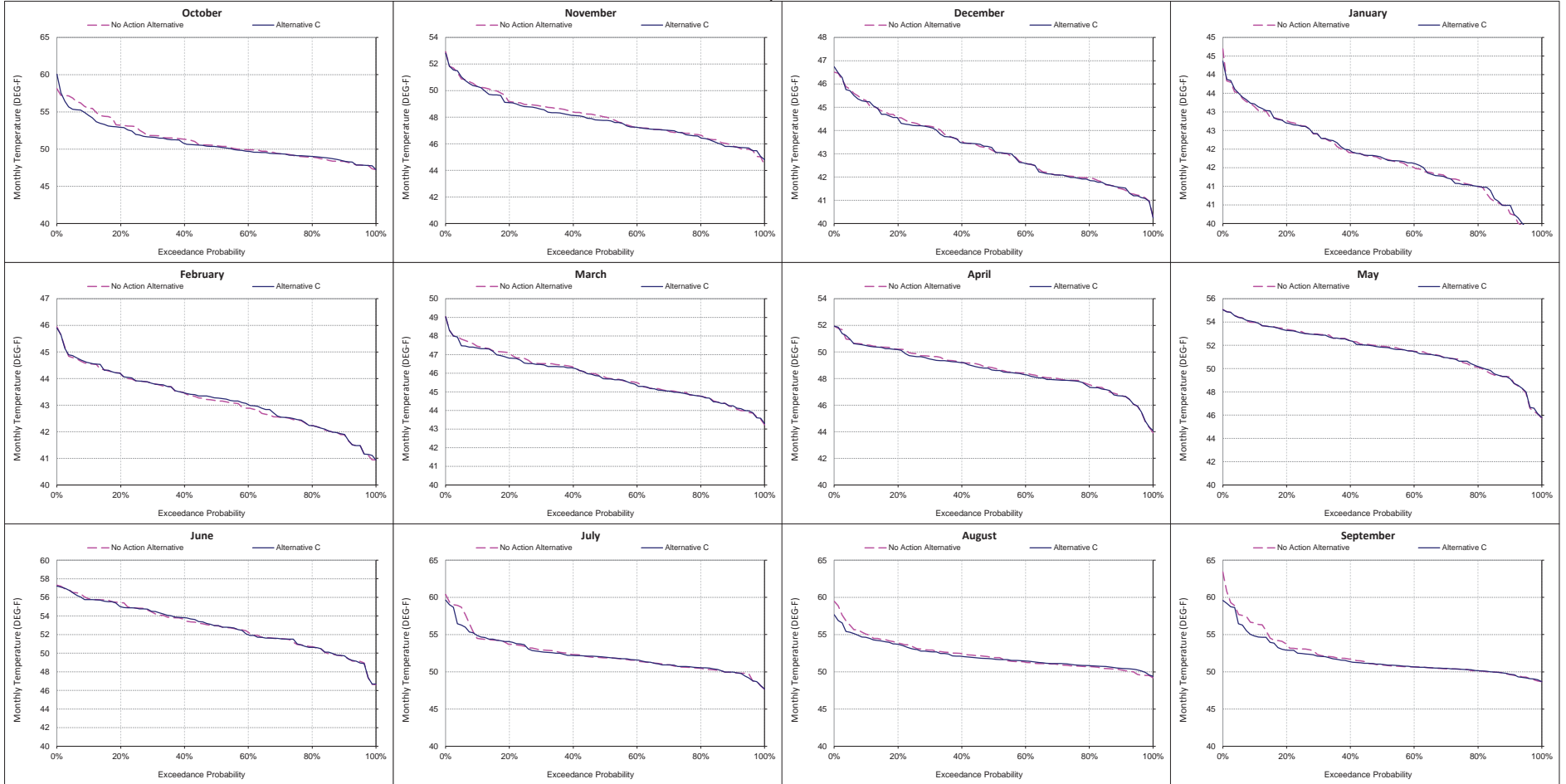


Table SQ-36-7b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	58.1	60.1	2.0	3.4%	
1.2%	57.2	57.6	0.3	0.6%	
2.5%	57.2	56.4	-0.8	-1.4%	
3.7%	57.1	56.7	-0.4	-0.7%	
4.9%	56.9	55.4	-1.5	-2.6%	
6.2%	56.4	55.3	-1.1	-1.9%	
7.4%	56.2	55.3	-1.0	-1.7%	
8.6%	55.8	54.9	-0.8	-1.5%	
9.9%	55.5	54.5	-0.9	-1.7%	
11.1%	55.5	54.2	-1.2	-2.2%	
12.3%	54.9	53.7	-1.2	-2.2%	
13.6%	54.5	53.5	-1.0	-1.9%	
14.8%	54.4	53.3	-1.1	-2.0%	
16.0%	54.4	53.1	-1.3	-2.3%	
17.3%	54.2	53.0	-1.2	-2.1%	
18.5%	53.3	53.0	-0.2	-0.5%	
19.8%	53.2	52.9	-0.3	-0.5%	
21.0%	53.2	52.9	-0.3	-0.5%	
22.2%	53.1	52.6	-0.5	-1.0%	
23.5%	53.1	52.4	-0.7	-1.2%	
24.7%	53.0	52.0	-1.1	-2.0%	
25.9%	52.9	51.9	-1.2	-2.2%	
27.2%	52.2	51.7	-0.5	-0.9%	
28.4%	51.8	51.7	-0.2	-0.4%	
29.6%	51.8	51.6	-0.2	-0.4%	
30.9%	51.8	51.6	-0.2	-0.5%	
32.1%	51.8	51.5	-0.3	-0.6%	
33.3%	51.5	51.5	-0.1	-0.1%	
34.5%	51.5	51.3	-0.2	-0.4%	
35.8%	51.5	51.3	-0.2	-0.4%	
37.0%	51.5	51.3	-0.2	-0.4%	
38.3%	51.4	51.2	-0.2	-0.3%	
39.5%	51.4	50.8	-0.5	-1.0%	
40.7%	51.3	50.7	-0.6	-1.2%	
42.0%	51.2	50.6	-0.6	-1.1%	
43.2%	51.0	50.6	-0.5	-0.9%	
44.4%	50.6	50.5	-0.1	-0.1%	
45.7%	50.6	50.5	-0.1	-0.1%	
46.9%	50.6	50.4	-0.1	-0.3%	
48.1%	50.5	50.4	-0.2	-0.3%	
49.4%	50.5	50.4	-0.2	-0.3%	
50.6%	50.4	50.3	-0.1	-0.3%	
51.9%	50.4	50.2	-0.1	-0.3%	
53.1%	50.4	50.2	-0.2	-0.4%	
54.3%	50.2	50.1	-0.1	-0.2%	
55.6%	50.1	49.9	-0.1	-0.3%	
56.8%	50.0	49.9	-0.1	-0.3%	
58.0%	50.0	49.8	-0.2	-0.3%	
59.3%	49.9	49.7	-0.2	-0.4%	
60.5%	49.9	49.7	-0.2	-0.4%	
61.7%	49.9	49.6	-0.3	-0.6%	
63.0%	49.9	49.6	-0.3	-0.6%	
64.2%	49.7	49.5	-0.2	-0.4%	
65.4%	49.7	49.5	-0.2	-0.4%	
66.7%	49.6	49.4	-0.2	-0.3%	
67.9%	49.6	49.4	-0.2	-0.3%	
69.1%	49.4	49.4	0.0	0.0%	
70.4%	49.4	49.4	0.0	0.0%	
71.6%	49.3	49.3	0.0	0.0%	
72.8%	49.3	49.2	-0.1	-0.2%	
74.1%	49.2	49.2	0.0	0.1%	
75.3%	49.0	49.1	0.1	0.2%	
76.5%	49.0	49.1	0.1	0.2%	
77.8%	49.0	49.1	0.1	0.2%	
79.0%	48.9	49.0	0.1	0.2%	
80.2%	48.9	49.0	0.1	0.1%	
81.5%	48.8	48.9	0.1	0.2%	
82.7%	48.7	48.9	0.2	0.5%	
84.0%	48.7	48.9	0.2	0.4%	
85.2%	48.5	48.8	0.3	0.6%	
86.4%	48.4	48.7	0.3	0.7%	
87.7%	48.4	48.6	0.3	0.6%	
88.9%	48.4	48.5	0.1	0.3%	
90.1%	48.3	48.4	0.0	0.0%	
91.4%	48.2	48.3	0.1	0.2%	
92.6%	48.1	48.3	0.2	0.4%	
93.8%	47.9	47.9	0.0	0.0%	
95.1%	47.9	47.9	0.0	0.0%	
96.3%	47.8	47.8	0.0	0.0%	
97.5%	47.8	47.8	0.0	0.0%	
98.8%	47.4	47.8	0.4	0.9%	
100.0%	47.2	47.3	0.0	0.0%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	52.9	52.8	-0.1	-0.2%	
1.2%	51.8	51.8	0.0	0.0%	
2.5%	51.7	51.6	-0.1	-0.3%	
3.7%	51.4	51.3	-0.1	-0.3%	
4.9%	50.9	51.0	0.1	0.3%	
6.2%	50.8	50.8	-0.1	-0.1%	
7.4%	50.7	50.5	-0.1	-0.3%	
8.6%	50.5	50.4	-0.2	-0.3%	
9.9%	50.3	50.3	0.0	0.0%	
11.1%	50.3	50.0	-0.3	-0.5%	
12.3%	50.2	50.0	-0.2	-0.5%	
13.6%	50.1	49.7	-0.4	-0.8%	
14.8%	50.0	49.7	-0.3	-0.6%	
16.0%	50.0	49.7	-0.3	-0.6%	
17.3%	49.8	49.6	-0.2	-0.4%	
18.5%	49.7	49.1	-0.6	-1.1%	
19.8%	49.2	49.1	-0.1	-0.2%	
21.0%	49.1	49.1	0.0	0.0%	
22.2%	49.1	49.0	-0.1	-0.2%	
23.5%	49.1	48.9	-0.2	-0.4%	
24.7%	49.0	48.8	-0.2	-0.3%	
25.9%	48.9	48.8	-0.2	-0.3%	
27.2%	48.9	48.8	-0.2	-0.4%	
28.4%	48.9	48.7	-0.2	-0.4%	
29.6%	48.8	48.6	-0.2	-0.4%	
30.9%	48.8	48.6	-0.2	-0.5%	
32.1%	48.7	48.4	-0.4	-0.8%	
33.3%	48.7	48.3	-0.4	-0.8%	
34.5%	48.7	48.3	-0.3	-0.7%	
35.8%	48.6	48.3	-0.3	-0.6%	
37.0%	48.6	48.3	-0.3	-0.7%	
38.3%	48.5	48.2	-0.3	-0.7%	
39.5%	48.4	48.1	-0.3	-0.6%	
40.7%	48.4	48.1	-0.2	-0.5%	
42.0%	48.4	48.1	-0.3	-0.5%	
43.2%	48.3	48.0	-0.2	-0.5%	
44.4%	48.2	47.9	-0.3	-0.7%	
45.7%	48.2	47.9	-0.3	-0.7%	
46.9%	48.2	47.8	-0.4	-0.8%	
48.1%	48.1	47.8	-0.3	-0.7%	
49.4%	48.0	47.8	-0.3	-0.6%	
50.6%	48.0	47.8	-0.2	-0.5%	
51.9%	47.9	47.7	-0.2	-0.3%	
53.1%	47.8	47.6	-0.2	-0.3%	
54.3%	47.6	47.6	0.0	0.1%	
55.6%	47.6	47.5	0.0	0.1%	
56.8%	47.4	47.3	-0.1	-0.2%	
58.0%	47.3	47.3	-0.1	-0.2%	
59.3%	47.2	47.3	0.0	0.0%	
60.5%	47.2	47.2	0.0	0.0%	
61.7%	47.2	47.2	0.0	0.0%	
63.0%	47.2	47.1	0.0	0.1%	
64.2%	47.1	47.1	0.0	0.1%	
65.4%	47.1	47.1	0.0	0.0%	
66.7%	47.1	47.1	0.0	0.0%	
67.9%	47.1	47.0	0.0	0.0%	
69.1%	47.0	47.0	0.0	0.0%	
70.4%	46.9	47.0	0.1	0.2%	
71.6%	46.9	47.0	0.1	0.3%	
72.8%	46.9	46.9	0.0	0.0%	
74.1%	46.8	46.8	0.0	0.1%	
75.3%	46.8	46.7	-0.1	-0.2%	
76.5%	46.8	46.6	-0.1	-0.3%	
77.8%	46.7	46.6	-0.1	-0.2%	
79.0%	46.7	46.6	-0.1	-0.2%	
80.2%	46.6	46.4	-0.2	-0.4%	
81.5%	46.4	46.4	-0.1	-0.1%	
82.7%	46.3	46.3	0.0	0.1%	
84.0%	46.3	46.2	-0.1	-0.2%	
85.2%	46.3	46.0	-0.3	-0.6%	
86.4%	46.1	46.0	-0.1	-0.3%	
87.7%	46.0	45.8	-0.2	-0.5%	
88.9%	46.0	45.8	-0.2	-0.4%	
90.1%	45.8	45.8	0.0	0.1%	
91.4%	45.8	45.7	0.0	0.0%	
92.6%	45.6	45.7	0.1	0.2%	
93.8%	45.6	45.7	0.1	0.2%	
95.1%	45.6	45.7	0.1	0.2%	
96.3%	45.5	45.5	0.0	0.0%	
97.5%	45.1	45.5	0.4	0.9%	
98.8%	45.0	45.1	0.0	0.1%	
100.0%	44.4	44.8	0.4	1.0%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.5	46.7	0.2	0.5%	
1.2%	46.5	46.5	0.0	0.0%	
2.5%	46.2	46.3	0.1	0.2%	
3.7%	46.3	46.1	-0.1	-0.3%	
4.9%	45.8	45.7	-0.1	-0.1%	
6.2%	45.6	45.5	-0.1	-0.2%	
7.4%	45.5	45.4	-0.1	-0.3%	
8.6%	45.4	45.3	-0.1	-0.2%	
9.9%	45.3	45.2	-0.1	-0.1%	
11.1%	45.1	45.2	0.2	0.4%	
12.3%	45.0	45.1	0.0	0.0%	
13.6%	45.0	45.0	0.0	0.0%	
14.8%	44.8	44.7	-0.1	-0.3%	
16.0%	44.8	44.7	-0.1	-0.2%	
17.3%	44.7	44.6	-0.1	-0.2%	
18.5%	44.7	44.6	-0.1	-0.3%	
19.8%	44.5	44.6	0.0	0.0%	
21.0%	44.5	44.3	-0.2	-0.5%	
22.2%	44.5	44.3	-0.2	-0.4%	
23.5%	44.4	44.3	-0.1	-0.2%	
24.7%	44.3	44.2	-0.1	-0.3%	
25.9%	44.3	44.2	-0.1	-0.2%	
27.2%	44.2	44.2	0.0	0.0%	
28.4%	44.2	44.2	0.0	0.1%	
29.6%	44.2	44.1	0.0	0.1%	
30.9%	44.2	44.1	-0.1	-0.1%	
32.1%	44.1	44.0	-0.1	-0.2%	
33.3%	44.0	43.8	-0.2	-0.4%	
34.5%	43.8	43.7	-0.1	-0.3%	
35.8%	43.8	43.7	-0.1	-0.1%	
37.0%	43.7	43.7	0.0	0.0%	
38.3%	43.6	43.7	0.0	0.0%	
39.5%	43.6	43.5	-0.1	-0.2%	
40.7%	43.5	43.5	0.0	0.0%	
42.0%	43.4	43.5	0.0	0.0%	
43.2%	43.4	43.4	0.0	0.0%	
44.4%	43.4	43.4	0.0	0.1%	
45.7%	43.3	43.4	0.1	0.2%	
46.9%	43.3	43.3	0.1	0.1%	
48.1%	43.3	43.3	0.1	0.1%	
49.4%	43.2	43.3	0.1	0.2%	
50.6%	43.1	43.1	0.0	0.1%	
51.9%	43.1	43.0	0.0	0.0%	
53.1%	43.0	43.0	0.0	0.0%	
54.3%	43.0	43.0	0.0	0.0%	
55.6%	42.9	43.0	0.1	0.3%	
56.8%	42.9	42.8	0.0	0.1%	
58.0%	42.7	42.6	0.0	0.1%	
59.3%	42.6	42.6	0.0	0.0%	
60.5%	42.6	42.6	0.0	0.0%	
61.7%	42.5	42.6	0.0	0.1%	
63.0%	42.5	42.5	0.0	0.0%	
64.2%	42.3	42.2	-0.1	-0.3%	
65.4%	42.2	42.2	0.0	0.1%	
66.7%	42.2	42.1	-0.1	-0.1%	
67.9%	42.1	42.1	0.0	0.0%	
69.1%	42.1	42.1	0.0	0.0%	
70.4%	42.1	42.1	0.0	0.0%	
71.6%	42.1	42.1	0.0	0.1%	
72.8%	42.0	42.0	0.0	0.0%	
74.1%	42.0	42.0	-0.1	-0.1%	
75.3%	42.0	42.0	0.0	0.1%	
76.5%	42.0	41.9	-0.1	-0.1%	
77.8%	42.0	41.9	-0.1	-0.1%	
79.0%	42.0	41.9	-0.1	-0.1%	
80.2%	41.9				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	45.9	45.9	0.0	-0.1%	
1.2%	45.6	45.7	0.0	0.0%	
2.5%	45.2	45.1	-0.1	-0.1%	
3.7%	44.8	44.8	0.1	0.1%	
4.9%	44.8	44.9	0.1	0.2%	
6.2%	44.7	44.8	0.0	0.1%	
7.4%	44.7	44.7	0.0	0.1%	
8.6%	44.6	44.6	0.1	0.1%	
9.9%	44.6	44.6	0.0	0.1%	
11.1%	44.5	44.6	0.0	0.0%	
12.3%	44.5	44.5	0.0	0.0%	
13.6%	44.4	44.5	0.2	0.4%	
14.8%	44.3	44.3	0.0	-0.1%	
16.0%	44.3	44.3	0.0	0.1%	
17.3%	44.3	44.3	0.0	0.0%	
18.5%	44.2	44.2	0.0	0.0%	
19.8%	44.2	44.2	0.0	0.0%	
21.0%	44.0	44.1	0.0	0.1%	
22.2%	44.0	44.0	0.0	0.1%	
23.5%	44.0	44.0	0.0	0.1%	
24.7%	43.9	43.9	0.0	0.0%	
25.9%	43.9	43.9	0.0	0.0%	
27.2%	43.9	43.9	0.0	0.0%	
28.4%	43.9	43.9	0.0	0.0%	
29.6%	43.8	43.8	0.0	0.0%	
30.9%	43.8	43.8	0.0	0.0%	
32.1%	43.8	43.8	0.0	0.0%	
33.3%	43.7	43.8	0.0	0.1%	
34.5%	43.7	43.7	0.0	0.0%	
35.8%	43.7	43.7	0.0	0.0%	
37.0%	43.5	43.5	0.0	0.0%	
38.3%	43.5	43.5	0.0	0.0%	
39.5%	43.5	43.5	0.0	0.0%	
40.7%	43.4	43.4	0.0	0.1%	
42.0%	43.4	43.4	0.0	0.1%	
43.2%	43.3	43.4	0.1	0.2%	
44.4%	43.3	43.4	0.1	0.2%	
45.7%	43.3	43.3	0.1	0.2%	
46.9%	43.2	43.3	0.1	0.3%	
48.1%	43.2	43.3	0.1	0.3%	
49.4%	43.2	43.3	0.1	0.2%	
50.6%	43.2	43.3	0.1	0.3%	
51.9%	43.2	43.2	0.1	0.2%	
53.1%	43.1	43.2	0.1	0.2%	
54.3%	43.1	43.2	0.1	0.2%	
55.6%	43.1	43.2	0.1	0.2%	
56.8%	43.1	43.2	0.1	0.2%	
58.0%	42.9	43.1	0.2	0.4%	
59.3%	42.9	43.1	0.2	0.4%	
60.5%	42.9	43.0	0.1	0.2%	
61.7%	42.8	43.0	0.1	0.3%	
63.0%	42.8	43.0	0.1	0.3%	
64.2%	42.7	42.9	0.2	0.5%	
65.4%	42.7	42.8	0.2	0.4%	
66.7%	42.6	42.8	0.2	0.5%	
67.9%	42.6	42.7	0.1	0.3%	
69.1%	42.6	42.6	0.0	0.1%	
70.4%	42.5	42.5	0.0	0.0%	
71.6%	42.5	42.5	0.0	0.0%	
72.8%	42.5	42.5	0.0	0.0%	
74.1%	42.5	42.5	0.0	0.1%	
75.3%	42.4	42.5	0.0	0.0%	
76.5%	42.4	42.4	0.0	0.1%	
77.8%	42.3	42.3	0.0	0.0%	
79.0%	42.2	42.2	0.0	0.0%	
80.2%	42.2	42.2	0.0	0.0%	
81.5%	42.2	42.2	0.0	0.0%	
82.7%	42.1	42.1	0.0	0.0%	
84.0%	42.1	42.1	0.0	0.1%	
85.2%	42.0	42.0	0.0	0.0%	
86.4%	42.0	42.0	0.0	0.0%	
87.7%	42.0	42.0	0.0	0.0%	
88.9%	41.9	41.9	0.0	0.1%	
90.1%	41.9	41.9	0.0	0.0%	
91.4%	41.7	41.7	0.0	0.0%	
92.6%	41.5	41.5	0.0	0.0%	
93.8%	41.5	41.5	0.0	0.0%	
95.1%	41.5	41.5	0.0	0.0%	
96.3%	41.2	41.2	0.0	0.0%	
97.5%	41.1	41.1	0.0	0.1%	
98.8%	40.9	41.1	0.2	0.4%	
100.0%	40.9	40.9	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	49.0	49.0	0.0	0.0%	
1.2%	48.3	48.3	0.0	0.0%	
2.5%	48.0	48.0	0.0	0.0%	
3.7%	48.0	47.9	-0.1	-0.1%	
4.9%	47.8	47.5	-0.4	-0.7%	
6.2%	47.8	47.5	-0.3	-0.6%	
7.4%	47.7	47.4	-0.3	-0.6%	
8.6%	47.6	47.4	-0.2	-0.4%	
9.9%	47.5	47.4	-0.1	-0.2%	
11.1%	47.5	47.3	-0.1	-0.2%	
12.3%	47.4	47.3	-0.1	-0.1%	
13.6%	47.3	47.3	0.0	0.0%	
14.8%	47.2	47.2	0.0	-0.1%	
16.0%	47.2	47.0	-0.2	-0.4%	
17.3%	47.2	46.9	-0.2	-0.5%	
18.5%	47.1	46.9	-0.2	-0.5%	
19.8%	47.1	46.8	-0.3	-0.6%	
21.0%	46.9	46.8	-0.1	-0.3%	
22.2%	46.8	46.8	0.0	-0.1%	
23.5%	46.8	46.7	-0.1	-0.3%	
24.7%	46.8	46.5	-0.3	-0.5%	
25.9%	46.7	46.5	-0.2	-0.4%	
27.2%	46.5	46.5	0.0	0.0%	
28.4%	46.5	46.5	-0.1	-0.1%	
29.6%	46.5	46.5	0.0	-0.1%	
30.9%	46.5	46.4	-0.1	-0.2%	
32.1%	46.5	46.4	-0.1	-0.3%	
33.3%	46.5	46.4	-0.1	-0.3%	
34.5%	46.5	46.4	-0.1	-0.2%	
35.8%	46.4	46.4	-0.1	-0.2%	
37.0%	46.4	46.4	-0.1	-0.2%	
38.3%	46.4	46.3	-0.1	-0.2%	
39.5%	46.4	46.3	-0.1	-0.2%	
40.7%	46.3	46.2	0.0	-0.1%	
42.0%	46.1	46.1	0.0	0.0%	
43.2%	46.1	46.1	0.0	0.0%	
44.4%	46.0	46.0	0.0	-0.1%	
45.7%	46.0	46.0	0.0	-0.1%	
46.9%	46.0	45.9	-0.1	-0.2%	
48.1%	45.9	45.8	0.0	-0.1%	
49.4%	45.8	45.7	-0.1	-0.3%	
50.6%	45.7	45.7	0.0	-0.1%	
51.9%	45.7	45.7	0.0	0.0%	
53.1%	45.7	45.7	0.0	0.0%	
54.3%	45.7	45.6	0.0	-0.1%	
55.6%	45.6	45.6	0.0	0.1%	
56.8%	45.6	45.5	0.0	0.0%	
58.0%	45.5	45.5	-0.1	-0.2%	
59.3%	45.5	45.4	-0.1	-0.2%	
60.5%	45.5	45.3	-0.2	-0.4%	
61.7%	45.3	45.3	0.0	0.0%	
63.0%	45.2	45.3	0.0	0.0%	
64.2%	45.2	45.2	0.0	0.0%	
65.4%	45.2	45.2	0.0	0.0%	
66.7%	45.2	45.1	-0.1	-0.2%	
67.9%	45.1	45.1	0.0	-0.1%	
69.1%	45.1	45.0	0.0	0.0%	
70.4%	45.1	45.0	0.0	0.0%	
71.6%	45.0	45.0	-0.1	-0.1%	
72.8%	45.0	45.0	0.0	0.0%	
74.1%	45.0	44.9	0.0	-0.1%	
75.3%	45.0	44.9	-0.1	-0.1%	
76.5%	44.8	44.9	0.0	0.1%	
77.8%	44.8	44.8	0.0	0.0%	
79.0%	44.8	44.8	0.0	0.0%	
80.2%	44.8	44.8	0.0	0.0%	
81.5%	44.7	44.7	0.0	0.0%	
82.7%	44.7	44.7	0.0	-0.0%	
84.0%	44.5	44.5	-0.1	-0.1%	
85.2%	44.5	44.5	0.0	0.0%	
86.4%	44.4	44.4	-0.1	-0.1%	
87.7%	44.4	44.4	0.0	0.0%	
88.9%	44.2	44.3	0.0	0.0%	
90.1%	44.2	44.2	0.1	0.1%	
91.4%	44.1	44.1	0.1	0.1%	
92.6%	44.0	44.1	0.1	0.2%	
93.8%	44.0	44.0	0.0	0.0%	
95.1%	43.9	44.0	0.1	0.2%	
96.3%	43.7	43.7	0.0	0.0%	
97.5%	43.7	43.6	0.0	-0.1%	
98.8%	43.5	43.6	0.0	0.1%	
100.0%	43.2	43.3	0.1	0.1%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	51.9	51.9	0.0	0.0%	
1.2%	51.8	51.9	0.1	0.2%	
2.5%	51.7	51.4	-0.3	-0.6%	
3.7%	51.0	51.3	0.3	0.3%	
4.9%	50.9	51.0	0.0	0.1%	
6.2%	50.6	50.6	0.0	0.0%	
7.4%	50.6	50.6	0.0	-0.1%	
8.6%	50.6	50.5	-0.1	-0.1%	
9.9%	50.5	50.5	-0.1	-0.1%	
11.1%	50.5	50.4	-0.1	-0.2%	
12.3%	50.4	50.4	-0.1	-0.1%	
13.6%	50.4	50.4	-0.1	-0.1%	
14.8%	50.4	50.3	0.0	0.0%	
16.0%	50.4	50.3	-0.1	-0.2%	
17.3%	50.3	50.2	-0.1	-0.2%	
18.5%	50.2	50.2	0.0	-0.1%	
19.8%	50.2	50.2	0.0	0.0%	
21.0%	50.2	50.1	-0.1	-0.2%	
22.2%	50.2	49.9	-0.3	-0.6%	
23.5%	49.9	49.7	-0.2	-0.4%	
24.7%	49.9	49.7	-0.2	-0.4%	
25.9%	49.9	49.6	-0.3	-0.6%	
27.2%	49.7	49.6	-0.1	-0.2%	
28.4%	49.7	49.6	-0.1	-0.3%	
29.6%	49.7	49.5	-0.2	-0.4%	
30.9%	49.7	49.4	-0.3	-0.6%	
32.1%	49.7	49.4	-0.3	-0.6%	
33.3%	49.6	49.3	-0.3	-0.6%	
34.5%	49.4	49.3	-0.1	-0.2%	
35.8%	49.4	49.3	-0.1	-0.1%	
37.0%	49.3	49.3	-0.1	-0.2%	
38.3%	49.3	49.2	-0.1	-0.2%	
39.5%	49.2	49.2	0.0	0.0%	
40.7%	49.2	49.2	0.0	0.0%	
42.0%	49.2	49.0	-0.1	-0.2%	
43.2%	49.2	49.0	-0.2	-0.4%	
44.4%	49.1	48.9	-0.2	-0.5%	
45.7%	49.0	48.8	-0.2	-0.4%	
46.9%	48.9	48.8	-0.1	-0.3%	
48.1%	48.9	48.8	-0.1	-0.2%	
49.4%	48.9	48.6	-0.3	-0.6%	
50.6%	48.8	48.6	-0.2	-0.3%	
51.9%	48.6	48.6	0.0	-0.1%	
53.1%	48.6	48.5	-0.1	-0.2%	
54.3%	48.5	48.5	0.0	-0.1%	
55.6%	48.5	48.4	0.0	-0.1%	
56.8%	48.5	48.4	0.0	-0.1%	
58.0%	48.4	48.4	0.0	-0.1%	
59.3%	48.4	48.3	-0.1	-0.2%	
60.5%	48.4	48.3	-0.1	-0.3%	
61.7%	48.3	48.2	-0.1	-0.3%	
63.0%	48.3	48.1	-0.1	-0.3%	
64.2%	48.2	48.1	-0.1	-0.2%	
65.4%	48.1	48.1	-0.1	-0.1%	
66.7%	48.1	47.9	-0.1	-0.3%	
67.9%	48.1	47.9	-0.1	-0.3%	
69.1%	48.0	47.9	-0.1	-0.3%	
70.4%	48.0	47.9	-0.1	-0.2%	
71.6%	47.9	47.9	0.0	-0.1%	
72.8%	47.9	47.9	0.0	0.0%	
74.1%	47.9	47.9	0.0	0.0%	
75.3%	47.9	47.8	0.0	-0.1%	
76.5%	47.9	47.8	-0.1	-0.1%	
77.8%	47.7	47.7	0.0	0.0%	
79.0%	47.6	47.5	-0.1	-0.2%	
80.2%	47.5				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	57.3	57.2	-0.1	-0.2%	
1.2%	57.2	57.1	-0.1	-0.1%	
2.5%	56.9	57.0	0.0	0.0%	
3.7%	56.8	56.8	0.0	0.0%	
4.9%	56.5	56.5	0.0	0.0%	
6.2%	56.5	56.2	-0.3	-0.5%	
7.4%	56.4	56.1	-0.3	-0.6%	
8.6%	56.1	55.8	-0.3	-0.5%	
9.9%	55.9	55.8	-0.1	-0.2%	
11.1%	55.8	55.8	0.0	0.0%	
12.3%	55.8	55.7	0.0	-0.1%	
13.6%	55.7	55.7	0.0	0.0%	
14.8%	55.7	55.6	-0.1	-0.2%	
16.0%	55.7	55.5	-0.2	-0.3%	
17.3%	55.5	55.5	0.0	0.0%	
18.5%	55.5	55.4	-0.1	-0.2%	
19.8%	55.4	55.0	-0.4	-0.7%	
21.0%	55.4	54.9	-0.5	-0.9%	
22.2%	55.0	54.9	-0.1	-0.1%	
23.5%	55.0	54.9	-0.1	-0.2%	
24.7%	54.8	54.9	0.0	0.0%	
25.9%	54.8	54.8	0.0	0.0%	
27.2%	54.8	54.8	0.0	0.0%	
28.4%	54.6	54.7	0.1	0.2%	
29.6%	54.5	54.5	0.0	0.1%	
30.9%	54.2	54.5	0.3	0.5%	
32.1%	54.1	54.4	0.3	0.5%	
33.3%	54.1	54.2	0.1	0.3%	
34.5%	53.9	54.1	0.2	0.4%	
35.8%	53.8	54.0	0.2	0.4%	
37.0%	53.8	53.9	0.1	0.1%	
38.3%	53.8	53.8	0.0	0.1%	
39.5%	53.7	53.8	0.2	0.3%	
40.7%	53.4	53.8	0.4	0.7%	
42.0%	53.4	53.7	0.3	0.6%	
43.2%	53.3	53.6	0.3	0.5%	
44.4%	53.2	53.4	0.2	0.4%	
45.7%	53.2	53.4	0.2	0.4%	
46.9%	53.1	53.2	0.1	0.2%	
48.1%	53.0	53.1	0.1	0.2%	
49.4%	53.0	53.0	0.0	0.0%	
50.6%	52.9	53.0	0.0	0.1%	
51.9%	52.8	52.8	0.0	0.0%	
53.1%	52.8	52.8	0.0	0.1%	
54.3%	52.7	52.8	0.0	0.1%	
55.6%	52.6	52.7	0.1	0.1%	
56.8%	52.5	52.5	0.0	0.0%	
58.0%	52.5	52.5	0.0	-0.1%	
59.3%	52.4	52.1	-0.3	-0.6%	
60.5%	52.1	51.9	-0.2	-0.4%	
61.7%	51.9	51.9	0.0	0.0%	
63.0%	51.9	51.7	-0.2	-0.4%	
64.2%	51.7	51.7	0.0	0.0%	
65.4%	51.7	51.6	-0.1	-0.1%	
66.7%	51.6	51.6	0.0	-0.1%	
67.9%	51.6	51.6	0.0	0.0%	
69.1%	51.6	51.6	0.0	0.0%	
70.4%	51.6	51.6	0.0	0.0%	
71.6%	51.5	51.5	0.0	0.0%	
72.8%	51.5	51.5	0.0	0.1%	
74.1%	51.2	51.5	0.3	0.6%	
75.3%	50.9	51.0	0.1	0.1%	
76.5%	50.9	50.9	0.0	0.0%	
77.8%	50.8	50.8	-0.1	-0.2%	
79.0%	50.7	50.6	-0.1	-0.2%	
80.2%	50.7	50.6	-0.1	-0.1%	
81.5%	50.6	50.6	0.0	0.1%	
82.7%	50.5	50.5	0.0	0.0%	
84.0%	50.1	50.1	0.0	0.0%	
85.2%	49.9	50.1	0.2	0.3%	
86.4%	49.9	50.0	0.1	0.1%	
87.7%	49.8	49.8	0.0	0.0%	
88.9%	49.7	49.8	0.0	0.0%	
90.1%	49.6	49.7	0.1	0.1%	
91.4%	49.4	49.4	0.0	-0.1%	
92.6%	49.2	49.2	0.0	0.2%	
93.8%	49.1	49.1	0.0	0.0%	
95.1%	49.1	49.0	-0.2	-0.3%	
96.3%	48.9	48.9	0.0	-0.1%	
97.5%	47.4	47.4	0.0	0.0%	
98.8%	46.7	46.7	0.0	0.1%	
100.0%	46.6	46.7	0.1	0.1%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.4	59.6	-0.8	-1.3%	
1.2%	59.4	59.0	-0.3	-0.5%	
2.5%	59.0	58.7	-0.3	-0.6%	
3.7%	58.9	58.5	-0.5	-0.8%	
4.9%	58.7	56.3	-2.4	-4.1%	
6.2%	57.7	56.0	-1.7	-3.0%	
7.4%	56.5	55.4	-1.2	-2.1%	
8.6%	55.4	55.3	0.1	-0.2%	
9.9%	54.5	54.9	0.4	0.7%	
11.1%	54.4	54.7	0.3	0.5%	
12.3%	54.4	54.6	0.3	0.5%	
13.6%	54.3	54.4	0.0	0.1%	
14.8%	54.3	54.4	0.1	0.2%	
16.0%	54.3	54.2	0.0	0.0%	
17.3%	54.3	54.2	-0.1	-0.1%	
18.5%	54.0	54.1	0.1	0.1%	
19.8%	53.7	54.1	0.4	0.7%	
21.0%	53.7	54.0	0.3	0.6%	
22.2%	53.6	53.8	0.2	0.3%	
23.5%	53.5	53.7	0.2	0.4%	
24.7%	53.4	53.6	0.2	0.4%	
25.9%	53.2	53.1	-0.1	-0.3%	
27.2%	53.2	52.9	-0.3	-0.6%	
28.4%	53.1	52.8	-0.3	-0.5%	
29.6%	52.9	52.7	-0.2	-0.4%	
30.9%	52.9	52.6	-0.3	-0.5%	
32.1%	52.9	52.6	-0.3	-0.5%	
33.3%	52.8	52.6	-0.3	-0.5%	
34.5%	52.7	52.5	-0.2	-0.4%	
35.8%	52.6	52.5	-0.1	-0.2%	
37.0%	52.5	52.4	-0.2	-0.3%	
38.3%	52.5	52.2	-0.3	-0.6%	
39.5%	52.3	52.2	-0.1	-0.2%	
40.7%	52.3	52.2	-0.1	-0.2%	
42.0%	52.3	52.2	-0.1	-0.2%	
43.2%	52.2	52.1	0.0	0.0%	
44.4%	52.1	52.1	0.0	0.1%	
45.7%	52.0	52.1	0.1	0.2%	
46.9%	51.9	52.1	0.1	0.3%	
48.1%	51.9	52.1	0.1	0.2%	
49.4%	51.9	52.0	0.1	0.2%	
50.6%	51.9	51.9	0.0	0.1%	
51.9%	51.9	51.9	0.0	0.0%	
53.1%	51.8	51.9	0.0	0.1%	
54.3%	51.8	51.8	0.0	0.1%	
55.6%	51.7	51.7	0.0	0.1%	
56.8%	51.6	51.7	0.1	0.2%	
58.0%	51.6	51.6	0.0	0.1%	
59.3%	51.6	51.6	0.0	0.1%	
60.5%	51.4	51.6	0.2	0.3%	
61.7%	51.4	51.4	0.0	0.1%	
63.0%	51.3	51.3	0.0	0.1%	
64.2%	51.2	51.3	0.1	0.1%	
65.4%	51.2	51.2	0.0	-0.1%	
66.7%	51.1	51.1	-0.1	-0.1%	
67.9%	51.1	50.9	-0.1	-0.2%	
69.1%	51.0	50.9	0.0	0.0%	
70.4%	50.9	50.9	0.0	0.0%	
71.6%	50.9	50.9	0.0	0.2%	
72.8%	50.7	50.7	0.0	0.1%	
74.1%	50.6	50.7	0.1	0.1%	
75.3%	50.6	50.7	0.1	0.2%	
76.5%	50.6	50.7	0.1	0.2%	
77.8%	50.5	50.6	0.1	0.1%	
79.0%	50.5	50.6	0.1	0.1%	
80.2%	50.5	50.5	0.0	0.1%	
81.5%	50.3	50.5	0.2	0.4%	
82.7%	50.3	50.5	0.2	0.4%	
84.0%	50.3	50.4	0.1	0.2%	
85.2%	50.2	50.3	0.1	0.2%	
86.4%	50.1	50.1	0.0	0.0%	
87.7%	49.9	49.9	0.0	0.0%	
88.9%	49.9	50.0	0.0	0.0%	
90.1%	49.9	50.0	0.0	0.1%	
91.4%	49.8	49.8	0.0	0.0%	
92.6%	49.8	49.8	0.0	-0.1%	
93.8%	49.8	49.4	-0.4	-0.7%	
95.1%	49.7	49.2	-0.5	-1.1%	
96.3%	49.3	49.3	0.0	0.0%	
97.5%	48.8	48.7	-0.1	-0.2%	
98.8%	48.1	48.1	0.0	0.1%	
100.0%	47.6	47.7	0.1	0.1%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.5	57.7	-1.8	-3.0%	
1.2%	58.9	56.9	-2.0	-3.4%	
2.5%	57.6	55.6	-2.0	-3.5%	
3.7%	56.9	55.6	-1.4	-2.4%	
4.9%	56.3	55.3	-1.0	-1.7%	
6.2%	55.7	55.1	-0.6	-1.0%	
7.4%	55.7	54.9	-0.7	-1.3%	
8.6%	55.3	54.7	-0.7	-1.2%	
9.9%	55.1	54.6	-0.4	-0.8%	
11.1%	54.9	54.5	-0.4	-0.8%	
12.3%	54.5	54.3	-0.2	-0.4%	
13.6%	54.5	54.2	-0.3	-0.5%	
14.8%	54.3	54.1	-0.2	-0.4%	
16.0%	54.3	54.0	-0.3	-0.5%	
17.3%	54.2	54.0	-0.2	-0.3%	
18.5%	54.1	53.8	-0.3	-0.6%	
19.8%	53.9	53.7	-0.2	-0.4%	
21.0%	53.8	53.6	-0.2	-0.3%	
22.2%	53.6	53.4	-0.2	-0.4%	
23.5%	53.6	53.2	-0.4	-0.8%	
24.7%	53.4	53.1	-0.3	-0.6%	
25.9%	53.1	52.8	-0.3	-0.5%	
27.2%	53.1	52.8	-0.3	-0.5%	
28.4%	53.0	52.8	-0.2	-0.3%	
29.6%	52.9	52.7	-0.2	-0.4%	
30.9%	52.9	52.7	-0.2	-0.4%	
32.1%	52.7	52.7	-0.1	-0.1%	
33.3%	52.7	52.5	-0.2	-0.5%	
34.5%	52.6	52.5	-0.2	-0.3%	
35.8%	52.6	52.4	-0.2	-0.4%	
37.0%	52.5	52.1	-0.4	-0.7%	
38.3%	52.5	52.1	-0.4	-0.7%	
39.5%	52.5	52.1	-0.4	-0.7%	
40.7%	52.4	52.1	-0.3	-0.6%	
42.0%	52.3	52.0	-0.3	-0.5%	
43.2%	52.2	51.9	-0.3	-0.6%	
44.4%	52.2	51.9	-0.3	-0.6%	
45.7%	52.2	51.8	-0.3	-0.7%	
46.9%	52.1	51.8	-0.3	-0.5%	
48.1%	52.0	51.8	-0.3	-0.5%	
49.4%	51.9	51.8	-0.2	-0.3%	
50.6%	51.9	51.7	-0.2	-0.4%	
51.9%	51.9	51.7	-0.2	-0.5%	
53.1%	51.7	51.6	0.0	0.0%	
54.3%	51.5	51.6	0.2	0.3%	
55.6%	51.4	51.5	0.1	0.2%	
56.8%	51.4	51.5	0.1	0.3%	
58.0%	51.4	51.5	0.2	0.3%	
59.3%	51.4	51.5	0.2	0.3%	
60.5%	51.2	51.4	0.2	0.4%	
61.7%	51.2	51.4	0.2	0.3%	
63.0%	51.1	51.3	0.2	0.4%	
64.2%	51.1	51.3	0.2	0.3%	
65.4%	51.1	51.2	0.1	0.2%	
66.7%	51.1	51.1	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%	51.0	51.1	0.1	0.3%	
71.6%	50.9	51.1	0.2	0.4%	
72.8%	50.9	51.1	0.2	0.3%	
74.1%	50.8	51.0	0.2	0.3%	
75.3%	50.8	50.9	0.2	0.3%	
76.5%	50.8	50.9	0.1	0.3%	
77.8%	50.7	50.8	0.1	0.2%	
79.0%	50.7	50.8	0.1	0.3%	
80.2%	50.7				

Table SQ-37-7a

Clear Creek at Igo, Monthly Temperature

Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative C	51.7	48.2	43.3	42.0	43.5	46.2	49.4	52.6	55.2	58.2	57.0	53.6
Difference	-0.3	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.3
Percent Difference ³	-0.5%	-0.2%	0.0%	0.0%	0.1%	-0.1%	-0.2%	0.0%	0.0%	-0.1%	-0.1%	-0.5%
Water Year Types ²												
Wet (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative C	50.0	47.2	42.8	41.6	43.5	45.8	48.3	52.0	54.4	57.9	57.0	52.7
Difference	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	-0.2	-0.1	0.0
Percent Difference	0.2%	0.1%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.3%	-0.2%	0.1%
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative C	50.9	47.8	43.5	42.2	43.6	46.2	49.0	53.2	56.1	59.9	57.3	52.9
Difference	-0.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.4
Percent Difference	-0.8%	-0.2%	0.0%	-0.1%	0.0%	-0.1%	0.1%	0.0%	-0.3%	-0.3%	-0.3%	-0.8%
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative C	52.1	48.4	43.4	41.8	42.9	46.0	49.5	53.2	54.8	58.2	57.1	53.8
Difference	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2
Percent Difference	-0.7%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.4%
Dry (22%)												
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative C	51.8	48.8	43.7	42.1	43.5	46.5	50.4	52.7	55.3	57.7	56.4	53.5
Difference	-0.2	-0.2	0.0	0.1	0.1	-0.1	-0.2	0.1	0.2	0.0	0.2	-0.1
Percent Difference	-0.5%	-0.4%	-0.1%	0.2%	0.3%	-0.1%	-0.5%	0.1%	0.3%	0.1%	0.3%	-0.2%
Critical (15%)												
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative C	55.4	49.4	43.9	42.4	44.3	47.3	50.4	52.3	56.1	57.8	57.4	55.9
Difference	-0.8	-0.4	-0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.2	-1.2
Percent Difference	-1.4%	-0.8%	-0.1%	0.2%	0.1%	-0.1%	0.0%	-0.2%	-0.1%	0.1%	-0.3%	-2.1%

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

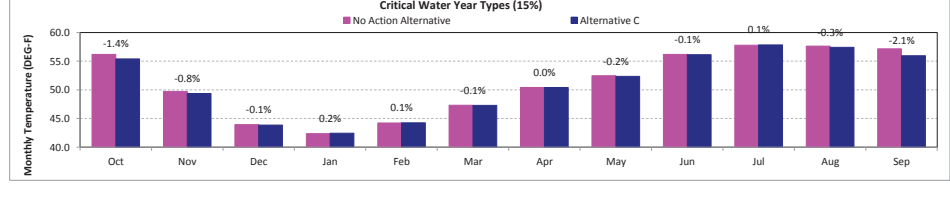
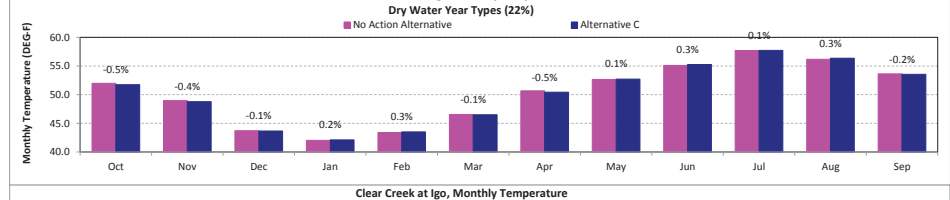
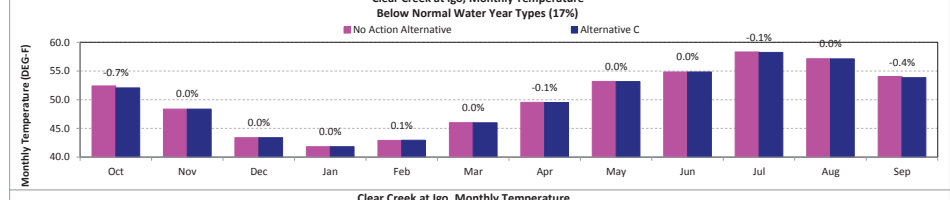
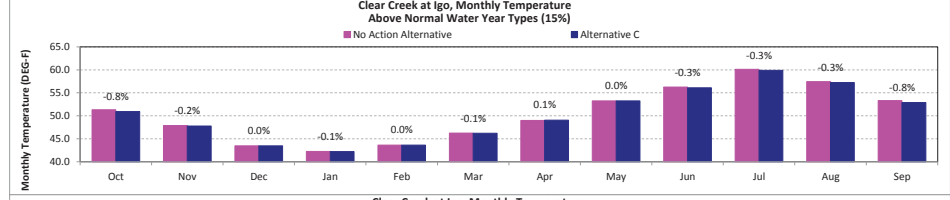
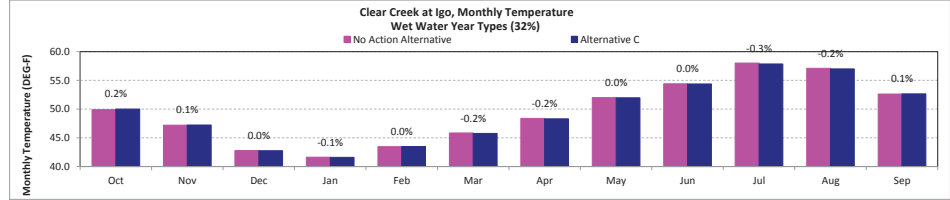
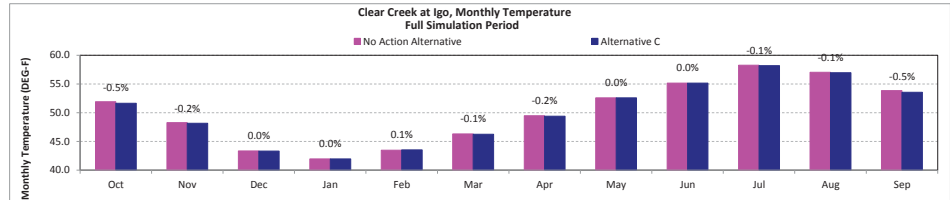


Figure SQ-37-7b
 Clear Creek at Igo, Monthly Temperature
 Probability of Exceedance

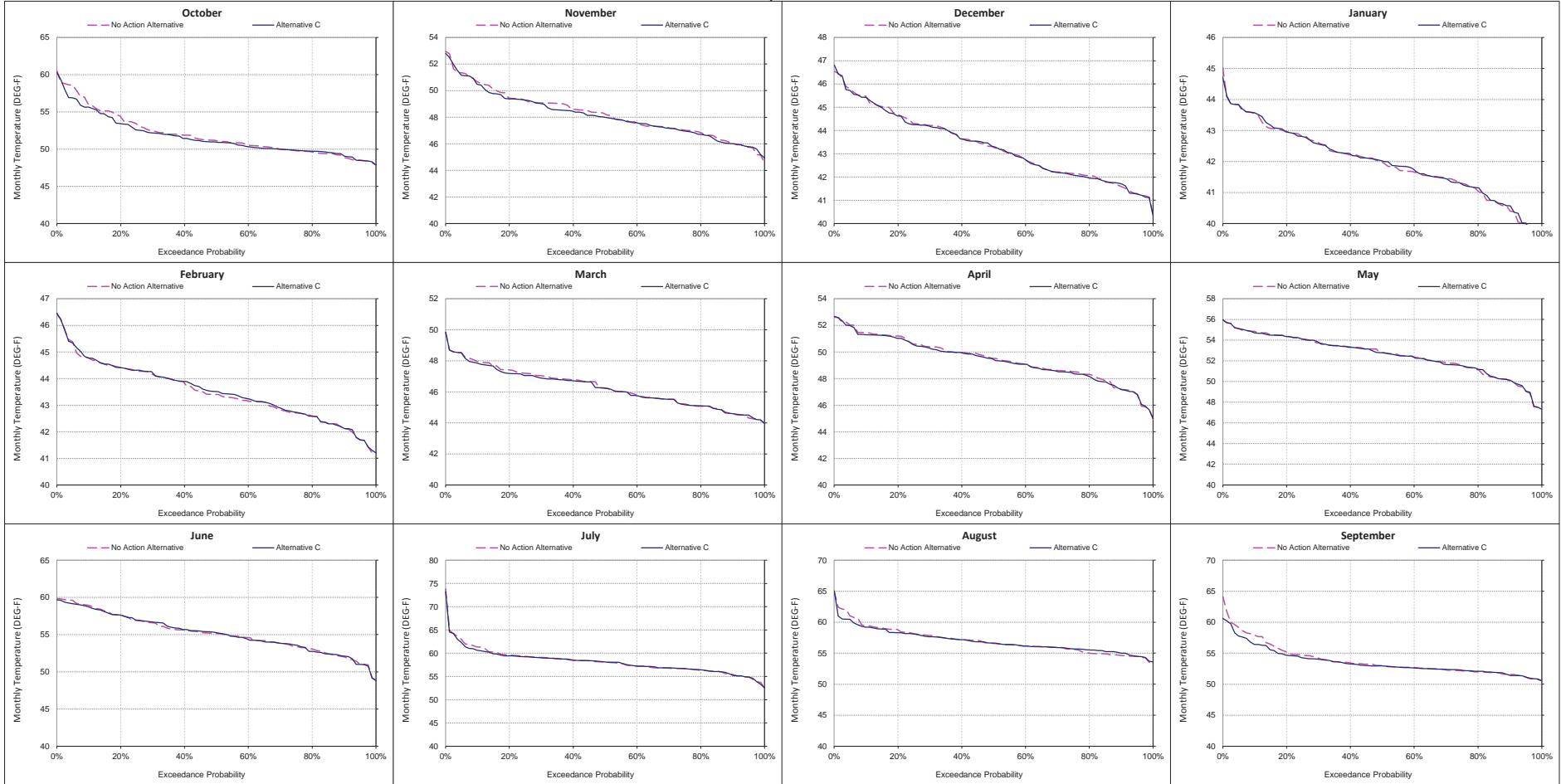


Table SQ-37-7b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.6	60.3	-0.3	-0.5%	
1.2%	58.9	59.3	0.4	0.7%	
2.5%	58.9	57.9	-0.9	-1.5%	
3.7%	58.6	58.6	-1.7	-2.9%	
4.9%	58.6	56.9	-1.7	-2.9%	
6.2%	57.9	56.7	-1.1	-2.0%	
7.4%	57.1	55.9	-1.2	-2.1%	
8.6%	57.0	55.7	-1.3	-2.3%	
9.9%	56.0	55.6	-0.3	-0.6%	
11.1%	55.9	55.5	-0.4	-0.7%	
12.3%	55.4	55.3	-0.1	-0.2%	
13.6%	55.1	54.8	-0.4	-0.6%	
14.8%	55.1	54.8	-0.4	-0.7%	
16.0%	55.1	54.3	-0.8	-1.4%	
17.3%	55.0	54.3	-0.7	-1.3%	
18.5%	54.6	53.5	-1.1	-2.0%	
19.8%	54.5	53.4	-1.0	-1.9%	
21.0%	53.8	53.4	-0.4	-0.7%	
22.2%	53.7	53.3	-0.4	-0.7%	
23.5%	53.7	53.0	-0.7	-1.2%	
24.7%	53.5	52.6	-0.9	-1.7%	
25.9%	53.2	52.5	-0.7	-1.0%	
27.2%	52.9	52.5	-0.4	-0.8%	
28.4%	52.6	52.2	-0.4	-0.7%	
29.6%	52.5	52.2	-0.3	-0.6%	
30.9%	52.4	52.1	-0.2	-0.5%	
32.1%	52.2	52.1	-0.1	-0.2%	
33.3%	52.2	52.0	-0.2	-0.4%	
34.5%	52.0	52.0	0.0	-0.1%	
35.8%	52.0	51.9	-0.1	-0.2%	
37.0%	52.0	51.8	-0.2	-0.4%	
38.3%	51.9	51.8	-0.2	-0.3%	
39.5%	51.9	51.4	-0.4	-0.8%	
40.7%	51.9	51.4	-0.4	-0.8%	
42.0%	51.9	51.3	-0.6	-1.1%	
43.2%	51.5	51.2	-0.3	-0.7%	
44.4%	51.3	51.1	-0.2	-0.4%	
45.7%	51.3	51.1	-0.2	-0.4%	
46.9%	51.2	51.0	-0.2	-0.4%	
48.1%	51.2	51.0	-0.2	-0.4%	
49.4%	51.2	51.0	-0.2	-0.4%	
50.6%	51.1	50.9	-0.2	-0.3%	
51.9%	51.0	50.9	-0.1	-0.2%	
53.1%	51.0	50.9	-0.2	-0.3%	
54.3%	50.9	50.8	0.0	-0.1%	
55.6%	50.8	50.8	-0.1	-0.2%	
56.8%	50.8	50.6	-0.3	-0.6%	
58.0%	50.8	50.5	-0.3	-0.6%	
59.3%	50.6	50.4	-0.3	-0.6%	
60.5%	50.5	50.3	-0.2	-0.4%	
61.7%	50.5	50.2	-0.2	-0.5%	
63.0%	50.4	50.2	-0.3	-0.5%	
64.2%	50.4	50.1	-0.3	-0.5%	
65.4%	50.3	50.1	-0.2	-0.4%	
66.7%	50.3	50.1	-0.2	-0.3%	
67.9%	50.2	50.0	-0.2	-0.3%	
69.1%	50.1	50.0	-0.1	-0.1%	
70.4%	49.9	50.0	0.1	0.2%	
71.6%	49.9	50.0	0.0	0.1%	
72.8%	49.9	49.9	0.0	0.0%	
74.1%	49.9	49.9	0.0	0.0%	
75.3%	49.8	49.8	0.1	0.1%	
76.5%	49.7	49.8	0.0	0.1%	
77.8%	49.7	49.7	0.0	0.1%	
79.0%	49.7	49.7	0.0	0.1%	
80.2%	49.6	49.7	0.1	0.2%	
81.5%	49.5	49.7	0.2	0.4%	
82.7%	49.4	49.7	0.3	0.5%	
84.0%	49.4	49.6	0.2	0.4%	
85.2%	49.4	49.5	0.1	0.3%	
86.4%	49.4	49.5	0.1	0.2%	
87.7%	49.2	49.4	0.2	0.3%	
88.9%	49.2	49.4	0.2	0.4%	
90.1%	48.9	49.0	0.2	0.4%	
91.4%	48.8	49.0	0.2	0.4%	
92.6%	48.6	48.9	0.4	0.8%	
93.8%	48.5	48.5	0.0	0.0%	
95.1%	48.5	48.5	-0.1	-0.1%	
96.3%	48.4	48.4	0.0	0.0%	
97.5%	48.4	48.4	0.0	0.0%	
98.8%	48.2	48.3	0.1	0.2%	
100.0%	47.8	47.9	0.0	0.0%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.0	52.8	-0.1	-0.3%	
1.2%	52.8	52.5	-0.3	-0.5%	
2.5%	51.6	52.0	0.3	0.5%	
3.7%	51.6	51.7	0.1	0.3%	
4.9%	51.3	51.2	-0.2	-0.3%	
6.2%	51.3	51.1	-0.2	-0.3%	
7.4%	51.0	51.1	0.1	0.1%	
8.6%	50.9	50.9	0.0	0.0%	
9.9%	50.7	50.5	-0.2	-0.4%	
11.1%	50.5	50.4	-0.1	-0.3%	
12.3%	50.5	50.1	-0.4	-0.8%	
13.6%	50.4	49.9	-0.5	-1.1%	
14.8%	50.1	49.8	-0.4	-0.7%	
16.0%	50.0	49.8	-0.2	-0.5%	
17.3%	49.9	49.7	-0.2	-0.3%	
18.5%	49.8	49.4	-0.4	-0.8%	
19.8%	49.4	49.4	-0.1	-0.1%	
21.0%	49.4	49.4	0.0	0.0%	
22.2%	49.4	49.4	0.0	-0.1%	
23.5%	49.4	49.3	0.0	-0.1%	
24.7%	49.3	49.3	0.0	0.0%	
25.9%	49.2	49.2	0.0	0.0%	
27.2%	49.1	49.2	0.0	0.0%	
28.4%	49.1	49.1	-0.1	-0.1%	
29.6%	49.1	49.0	0.0	-0.1%	
30.9%	49.1	49.0	-0.1	-0.2%	
32.1%	49.1	48.7	-0.4	-0.7%	
33.3%	49.1	48.6	-0.5	-1.0%	
34.5%	49.0	49.6	0.5	-1.0%	
35.8%	49.0	48.5	-0.5	-1.0%	
37.0%	49.0	48.5	-0.5	-1.0%	
38.3%	48.9	48.5	-0.4	-0.8%	
39.5%	48.6	48.5	-0.1	-0.2%	
40.7%	48.6	48.4	-0.2	-0.4%	
42.0%	48.5	48.4	-0.1	-0.3%	
43.2%	48.5	48.3	-0.2	-0.4%	
44.4%	48.5	48.1	-0.4	-0.7%	
45.7%	48.4	48.1	-0.2	-0.5%	
46.9%	48.4	48.1	-0.3	-0.5%	
48.1%	48.4	48.0	-0.3	-0.7%	
49.4%	48.3	48.0	-0.3	-0.6%	
50.6%	48.2	48.0	-0.2	-0.4%	
51.9%	48.1	47.9	-0.2	-0.4%	
53.1%	47.9	47.9	0.0	0.0%	
54.3%	47.8	47.8	0.0	-0.1%	
55.6%	47.8	47.8	0.0	0.0%	
56.8%	47.8	47.7	-0.1	-0.2%	
58.0%	47.6	47.6	0.0	0.0%	
59.3%	47.6	47.6	0.1	0.2%	
60.5%	47.5	47.5	0.0	0.1%	
61.7%	47.4	47.5	0.1	0.3%	
63.0%	47.3	47.5	0.2	0.4%	
64.2%	47.3	47.4	0.1	0.1%	
65.4%	47.3	47.3	0.0	0.0%	
66.7%	47.3	47.3	0.0	-0.1%	
67.9%	47.3	47.3	0.0	-0.1%	
69.1%	47.3	47.2	-0.1	-0.2%	
70.4%	47.2	47.2	0.0	0.0%	
71.6%	47.2	47.1	0.0	-0.1%	
72.8%	47.1	47.1	0.0	-0.1%	
74.1%	47.1	47.0	-0.1	-0.2%	
75.3%	47.0	47.0	0.0	-0.1%	
76.5%	47.0	46.9	-0.1	-0.2%	
77.8%	47.0	46.8	-0.1	-0.2%	
79.0%	46.9	46.7	-0.2	-0.4%	
80.2%	46.8	46.7	-0.1	-0.2%	
81.5%	46.6	46.6	0.0	0.0%	
82.7%	46.6	46.6	0.0	-0.1%	
84.0%	46.6	46.4	-0.2	-0.5%	
85.2%	46.4	46.2	-0.2	-0.4%	
86.4%	46.3	46.1	-0.2	-0.3%	
87.7%	46.2	46.2	0.0	-0.4%	
88.9%	46.1	46.0	-0.1	-0.2%	
90.1%	46.0	46.0	0.0	-0.1%	
91.4%	45.9	46.0	0.0	0.1%	
92.6%	45.9	45.9	0.0	0.0%	
93.8%	45.8	45.8	0.1	0.1%	
95.1%	45.7	45.8	0.0	0.0%	
96.3%	45.7	45.7	0.0	0.1%	
97.5%	45.2	45.6	0.4	0.9%	
98.8%	45.2	45.2	0.0	0.1%	
100.0%	44.5	44.9	0.4	0.9%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.5	46.8	0.3	0.6%	
1.2%	46.5	46.4	0.0	0.0%	
2.5%	46.3	46.4	0.1	0.2%	
3.7%	46.3	45.8	-0.5	-0.9%	
4.9%	45.8	45.7	-0.1	-0.1%	
6.2%	45.6	45.6	-0.1	-0.2%	
7.4%	45.5	45.5	0.0	0.0%	
8.6%	45.5	45.4	-0.1	-0.1%	
9.9%	45.5	45.4	-0.1	-0.1%	
11.1%	45.5	45.3	-0.1	-0.3%	
12.3%	45.2	45.2	0.0	0.1%	
13.6%	45.1	45.1	0.0	0.0%	
14.8%	45.0	45.0	0.0	-0.1%	
16.0%	45.0	44.9	-0.2	-0.4%	
17.3%	45.0	44.8	-0.2	-0.5%	
18.5%	44.8	44.7	0.0	-0.1%	
19.8%	44.7	44.6	-0.1	-0.2%	
21.0%	44.6	44.6	0.0	0.0%	
22.2%	44.6	44.4	-0.2	-0.4%	
23.5%	44.5	44.3	-0.2	-0.4%	
24.7%	44.3	44.3	0.0	-0.1%	
25.9%	44.3	44.1	-0.1	-0.2%	
27.2%	44.3	44.2	0.0	-0.1%	
28.4%	44.3	44.2	0.0	-0.1%	
29.6%	44.2	44.2	0.0	-0.1%	
30.9%	44.2	44.1	-0.1	-0.2%	
32.1%	44.2	44.1	-0.1	-0.2%	
33.3%	44.1	44.1	-0.1	-0.2%	
34.5%	44.1	44.1	0.0	0.0%	
35.8%	44.0	44.0	0.0	0.0%	
37.0%	43.9	43.9	0.0	-0.1%	
38.3%	43.8	43.8	0.0	0.0%	
39.5%	43.6	43.7	0.0	0.0%	
40.7%	43.6	43.6	0.0	0.0%	
42.0%	43.6	43.6	-0.1	-0.1%	
43.2%	43.6	43.5	0.0	0.0%	
44.4%	43.5	43.5	0.0	0.0%	
45.7%	43.5	43.5	0.1	0.1%	
46.9%	43.4	43.5	0.0	0.1%	
48.1%	43.3	43.5	0.1	0.3%	
49.4%	43.3	43.3	0.0	0.0%	
50.6%	43.2	43.3	0.0	0.1%	
51.9%	43.2	43.2	0.0	-0.1%	
53.1%	43.1	43.2	0.1	0.1%	
54.3%	43.0	43.1	0.0	0.0%	
55.6%	43.0	43.0	0.0	0.1%	
56.8%	43.0	42.9	0.0	-0.1%	
58.0%	42.9	42.9	0.0	-0.1%	
59.3%	42.8	42.8	0.0	0.0%	
60.5%	42.7	42.7	0.0	0.0%	
61.7%	42.6	42.6	0.0	-0.1%	
63.0%	42.6	42.5	0.0	-0.1%	
64.2%	42.5	42.5	0.0	0.0%	
65.4%	42.4	42.4	0.0	0.0%	
66.7%	42.3	42.3	0.0	0.0%	
67.9%	42.2	42.2	0.0	0.0%	
69.1%	42.2	42.2	0.0	0.0%	
70.4%	42.2	42.2	0.0	-0.1%	
71.6%	42.2	42.2	0.0	-0.1%	
72.8%	42.2	42.1	0.0	-0.1%	
74.1%	42.2	42.1	-0.1	-0.1%	
75.3%	42.1	42.1	-0.1	-0.2%	
76.5%	42.1	42.1	-0.1	-0.2%	
77.8%	42.1	42.0	-0.1	-0.2%	
79.0%	42.1	42.0	-0.1	-0.2%	
80.2%	42.1</				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.4	46.5	0.0	0.1%	
1.2%	46.2	46.2	0.0	-0.1%	
2.5%	45.8	45.8	0.0	0.0%	
3.7%	45.4	45.4	-0.1	-0.1%	
4.9%	45.4	45.3	0.0	-0.1%	
6.2%	45.0	45.2	0.2	0.4%	
7.4%	44.8	45.0	0.2	0.4%	
8.6%	44.8	44.8	0.0	0.0%	
9.9%	44.8	44.8	0.0	0.0%	
11.1%	44.7	44.8	0.1	0.2%	
12.3%	44.7	44.7	0.0	0.1%	
13.6%	44.6	44.6	0.0	0.0%	
14.8%	44.6	44.5	0.0	0.0%	
16.0%	44.5	44.5	0.0	0.1%	
17.3%	44.5	44.5	0.0	0.0%	
18.5%	44.5	44.4	0.0	-0.1%	
19.8%	44.4	44.4	0.0	0.0%	
21.0%	44.4	44.4	0.0	0.0%	
22.2%	44.4	44.4	0.0	0.0%	
23.5%	44.3	44.3	0.0	-0.1%	
24.7%	44.3	44.3	0.0	0.1%	
25.9%	44.3	44.3	0.0	0.0%	
27.2%	44.3	44.3	0.0	0.0%	
28.4%	44.3	44.3	0.0	0.0%	
29.6%	44.2	44.3	0.1	0.2%	
30.9%	44.1	44.1	0.0	0.0%	
32.1%	44.1	44.1	0.0	0.0%	
33.3%	44.0	44.1	0.0	0.0%	
34.5%	44.0	44.0	0.0	0.0%	
35.8%	44.0	44.0	0.0	0.0%	
37.0%	43.9	43.9	0.0	0.0%	
38.3%	43.9	43.9	0.0	0.0%	
39.5%	43.9	43.9	0.0	0.0%	
40.7%	43.7	43.9	0.2	0.4%	
42.0%	43.7	43.9	0.1	0.3%	
43.2%	43.6	43.7	0.2	0.4%	
44.4%	43.5	43.7	0.2	0.4%	
45.7%	43.5	43.6	0.1	0.2%	
46.9%	43.4	43.6	0.1	0.3%	
48.1%	43.4	43.5	0.1	0.3%	
49.4%	43.4	43.5	0.1	0.3%	
50.6%	43.4	43.5	0.1	0.2%	
51.9%	43.3	43.4	0.1	0.3%	
53.1%	43.3	43.4	0.1	0.3%	
54.3%	43.3	43.4	0.1	0.3%	
55.6%	43.3	43.4	0.1	0.3%	
56.8%	43.2	43.4	0.1	0.3%	
58.0%	43.2	43.3	0.1	0.3%	
59.3%	43.2	43.3	0.1	0.2%	
60.5%	43.1	43.2	0.1	0.2%	
61.7%	43.1	43.2	0.0	0.1%	
63.0%	43.1	43.1	0.0	0.0%	
64.2%	43.1	43.1	0.0	0.0%	
65.4%	43.1	43.1	0.0	0.0%	
66.7%	43.0	43.1	0.1	0.2%	
67.9%	42.9	43.0	0.1	0.1%	
69.1%	42.9	42.9	0.1	0.2%	
70.4%	42.8	42.9	0.1	0.1%	
71.6%	42.8	42.8	0.0	0.1%	
72.8%	42.7	42.8	0.0	0.1%	
74.1%	42.7	42.7	0.0	0.1%	
75.3%	42.7	42.7	0.0	0.1%	
76.5%	42.7	42.7	0.0	0.0%	
77.8%	42.7	42.7	0.0	0.0%	
79.0%	42.6	42.6	0.0	-0.1%	
80.2%	42.6	42.6	0.0	0.0%	
81.5%	42.6	42.6	0.0	0.0%	
82.7%	42.4	42.4	0.0	0.0%	
84.0%	42.4	42.4	0.0	0.0%	
85.2%	42.3	42.3	0.0	0.0%	
86.4%	42.3	42.3	0.0	0.0%	
87.7%	42.3	42.3	0.0	0.0%	
88.9%	42.2	42.2	0.0	0.0%	
90.1%	42.1	42.1	0.0	0.0%	
91.4%	42.1	42.1	0.0	0.0%	
92.6%	42.0	42.1	0.1	0.2%	
93.8%	41.8	41.8	0.0	0.0%	
95.1%	41.7	41.7	0.0	0.0%	
96.3%	41.7	41.7	0.0	0.0%	
97.5%	41.4	41.4	0.0	0.0%	
98.8%	41.2	41.3	0.1	0.2%	
100.0%	41.2	41.2	0.0	-0.1%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	49.8	49.8	0.0	0.0%	
1.2%	48.7	48.7	0.0	0.0%	
2.5%	48.6	48.6	0.0	0.0%	
3.7%	48.5	48.5	0.0	0.0%	
4.9%	48.5	48.5	0.0	-0.1%	
6.2%	48.2	48.1	-0.1	-0.1%	
7.4%	48.2	48.0	-0.2	-0.4%	
8.6%	48.1	47.9	-0.2	-0.4%	
9.9%	48.0	47.9	-0.1	-0.2%	
11.1%	47.9	47.8	-0.1	-0.3%	
12.3%	47.9	47.7	-0.1	-0.3%	
13.6%	47.9	47.7	-0.2	-0.4%	
14.8%	47.7	47.7	0.0	0.0%	
16.0%	47.7	47.4	-0.2	-0.5%	
17.3%	47.4	47.3	-0.1	-0.3%	
18.5%	47.4	47.2	-0.2	-0.4%	
19.8%	47.4	47.2	-0.2	-0.5%	
21.0%	47.4	47.2	-0.2	-0.5%	
22.2%	47.3	47.2	-0.1	-0.3%	
23.5%	47.2	47.2	-0.1	-0.2%	
24.7%	47.2	47.1	-0.1	-0.3%	
25.9%	47.2	47.2	0.0	-0.3%	
27.2%	47.2	47.0	-0.1	-0.3%	
28.4%	47.1	47.0	-0.1	-0.2%	
29.6%	47.1	46.9	-0.2	-0.3%	
30.9%	47.0	46.9	-0.1	-0.3%	
32.1%	47.0	46.8	-0.1	-0.3%	
33.3%	46.9	46.8	-0.1	-0.1%	
34.5%	46.9	46.8	-0.1	-0.1%	
35.8%	46.8	46.8	0.0	-0.1%	
37.0%	46.8	46.8	0.0	-0.1%	
38.3%	46.8	46.7	-0.1	-0.1%	
39.5%	46.8	46.7	-0.1	-0.1%	
40.7%	46.8	46.7	-0.1	-0.2%	
42.0%	46.7	46.7	-0.1	-0.1%	
43.2%	46.7	46.7	0.0	0.0%	
44.4%	46.7	46.7	0.0	0.4%	
45.7%	46.7	46.6	0.0	0.0%	
46.9%	46.7	46.3	-0.4	-0.8%	
48.1%	46.3	46.3	0.0	0.0%	
49.4%	46.3	46.2	0.0	0.0%	
50.6%	46.2	46.2	0.0	0.0%	
51.9%	46.2	46.2	0.0	0.0%	
53.1%	46.0	46.0	0.0	0.0%	
54.3%	46.0	46.0	0.0	0.0%	
55.6%	46.0	46.0	0.0	0.0%	
56.8%	46.0	46.0	0.0	0.0%	
58.0%	45.9	45.8	-0.2	-0.3%	
59.3%	45.9	45.8	-0.1	-0.2%	
60.5%	45.7	45.7	0.0	0.0%	
61.7%	45.7	45.7	0.0	-0.1%	
63.0%	45.6	45.6	0.0	0.0%	
64.2%	45.6	45.6	0.0	0.0%	
65.4%	45.6	45.6	0.0	0.0%	
66.7%	45.6	45.6	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%	45.5	45.5	0.0	0.0%	
71.6%	45.5	45.5	0.0	0.0%	
72.8%	45.3	45.3	0.0	0.0%	
74.1%	45.2	45.2	0.0	-0.1%	
75.3%	45.2	45.2	0.0	-0.1%	
76.5%	45.1	45.1	0.0	0.0%	
77.8%	45.1	45.1	0.0	0.0%	
79.0%	45.1	45.1	0.0	0.1%	
80.2%	45.1	45.1	0.0	0.1%	
81.5%	45.1	45.1	0.0	0.0%	
82.7%	45.1	45.1	0.0	-0.1%	
84.0%	44.9	44.9	0.0	0.0%	
85.2%	44.9	44.9	0.0	-0.1%	
86.4%	44.9	44.9	0.0	0.0%	
87.7%	44.7	44.6	-0.1	-0.1%	
88.9%	44.6	44.6	0.0	0.0%	
90.1%	44.6	44.6	0.0	0.0%	
91.4%	44.5	44.6	0.1	0.1%	
92.6%	44.5	44.5	0.0	0.0%	
93.8%	44.5	44.5	0.0	0.0%	
95.1%	44.3	44.5	0.2	0.5%	
96.3%	44.3	44.5	0.1	0.1%	
97.5%	44.2	44.2	0.0	0.0%	
98.8%	44.2	44.2	0.0	0.1%	
100.0%	44.0	44.0	0.0	-0.1%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	52.6	52.7	0.1	0.1%	
1.2%	52.6	52.6	0.0	0.0%	
2.5%	52.3	52.3	0.0	0.0%	
3.7%	52.2	52.0	-0.2	-0.4%	
4.9%	52.0	52.0	-0.1	-0.1%	
6.2%	52.0	51.8	-0.2	-0.3%	
7.4%	51.5	51.3	-0.1	-0.3%	
8.6%	51.5	51.3	-0.1	-0.3%	
9.9%	51.5	51.3	-0.2	-0.3%	
11.1%	51.4	51.3	-0.1	-0.3%	
12.3%	51.3	51.3	-0.1	-0.1%	
13.6%	51.3	51.3	-0.1	-0.1%	
14.8%	51.3	51.2	0.0	-0.1%	
16.0%	51.3	51.2	0.0	-0.1%	
17.3%	51.2	51.2	0.0	-0.1%	
18.5%	51.2	51.1	-0.1	-0.1%	
19.8%	51.2	51.0	-0.2	-0.3%	
21.0%	51.2	51.0	-0.2	-0.3%	
22.2%	51.0	50.9	-0.1	-0.3%	
23.5%	50.8	50.8	0.0	0.0%	
24.7%	50.6	50.6	0.0	-0.1%	
25.9%	50.6	50.4	-0.1	-0.3%	
27.2%	50.6	50.4	-0.1	-0.3%	
28.4%	50.4	50.4	0.0	-0.1%	
29.6%	50.4	50.3	-0.1	-0.2%	
30.9%	50.4	50.2	-0.2	-0.4%	
32.1%	50.4	50.2	-0.2	-0.4%	
33.3%	50.3	50.1	-0.3	-0.5%	
34.5%	50.2	50.0	-0.1	-0.3%	
35.8%	50.0	50.0	0.0	-0.1%	
37.0%	50.0	50.0	0.0	0.0%	
38.3%	50.0	50.0	0.0	0.0%	
39.5%	50.0	50.0	0.0	0.0%	
40.7%	50.0	49.9	-0.1	-0.1%	
42.0%	49.9	49.9	0.0	-0.1%	
43.2%	49.9	49.8	-0.1	-0.1%	
44.4%	49.9	49.7	-0.2	-0.4%	
45.7%	49.8	49.7	-0.1	-0.2%	
46.9%	49.7	49.6	-0.1	-0.2%	
48.1%	49.6	49.5	-0.1	-0.2%	
49.4%	49.5	49.5	0.0	0.0%	
50.6%	49.3	49.3	-0.2	-0.3%	
51.9%	49.4	49.3	-0.1	-0.2%	
53.1%	49.3	49.3	-0.1	-0.1%	
54.3%	49.3	49.3	-0.1	-0.1%	
55.6%	49.3	49.2	-0.1	-0.2%	
56.8%	49.2	49.1	-0.1	-0.2%	
58.0%	49.1	49.1	0.0	-0.1%	
59.3%	49.1	49.1	0.0	0.0%	
60.5%	49.1	49.1	0.0	0.0%	
61.7%	48.9	48.9	0.0	-0.1%	
63.0%	48.8	48.8	0.0	-0.1%	
64.2%	48.8	48.8	-0.1	-0.1%	
65.4%	48.7	48.7	0.0	-0.2%	
66.7%	48.7	48.7	0.0	0.0%	
67.9%	48.7	48.6	0.0	-0.1%	
69.1%	48.6	48.6	0.0	-0.1%	
70.4%	48.6	48.5	-0.1	-0.2%	
71.6%	48.6	48.5	-0.1	-0.2%	
72.8%	48.6	48.5	-0.1	-0.2%	
74.1%	48.5	48.5	-0.1	-0.1%	
75.3%	48.5	48.3	-0.2	-0.3%	
76.5%	48.5	48.3	-0.2	-0.3%	
77.8%	48.4	48.3	0.0	-0.1%	
79.0%	48.3	48.3	-0.1	-0.1%	
80.2%	48.3</				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.8	59.7	-0.1	-0.2%	
1.2%	59.8	59.6	-0.2	-0.4%	
2.5%	59.7	59.3	-0.4	-0.6%	
3.7%	59.7	58.9	-0.8	-1.0%	
4.9%	59.6	59.1	-0.5	-0.8%	
6.2%	59.2	59.1	-0.1	-0.1%	
7.4%	59.1	59.0	-0.1	-0.2%	
8.6%	59.0	58.9	-0.1	-0.2%	
9.9%	58.9	58.7	-0.2	-0.3%	
11.1%	58.7	58.5	-0.2	-0.4%	
12.3%	58.5	58.4	-0.1	-0.2%	
13.6%	58.4	58.3	-0.1	-0.2%	
14.8%	58.2	58.1	-0.1	-0.2%	
16.0%	58.1	57.9	-0.2	-0.3%	
17.3%	57.7	57.7	0.0	0.0%	
18.5%	57.7	57.7	0.0	0.0%	
19.8%	57.7	57.6	0.0	-0.1%	
21.0%	57.5	57.5	0.0	0.0%	
22.2%	57.4	57.3	-0.1	-0.1%	
23.5%	57.0	57.3	0.3	0.5%	
24.7%	56.9	57.0	0.0	0.1%	
25.9%	56.9	57.0	0.1	0.1%	
27.2%	56.8	57.0	0.1	0.1%	
28.4%	56.6	56.8	0.2	0.3%	
29.6%	56.6	56.7	0.1	0.2%	
30.9%	56.6	56.6	0.0	0.2%	
32.1%	56.1	56.6	0.5	0.9%	
33.3%	56.1	56.6	0.5	0.8%	
34.5%	55.9	56.5	0.6	0.4%	
35.8%	55.7	56.0	0.3	0.4%	
37.0%	55.7	55.9	0.2	0.4%	
38.3%	55.6	55.9	0.2	0.4%	
39.5%	55.6	55.7	0.0	0.1%	
40.7%	55.6	55.7	0.1	0.2%	
42.0%	55.5	55.5	0.0	0.1%	
43.2%	55.4	55.5	0.1	0.2%	
44.4%	55.4	55.5	0.1	0.2%	
45.7%	55.3	55.4	0.2	0.3%	
46.9%	55.2	55.4	0.2	0.3%	
48.1%	55.2	55.4	0.2	0.3%	
49.4%	55.1	55.3	0.1	0.3%	
50.6%	55.1	55.3	0.1	0.2%	
51.9%	55.1	55.1	0.0	0.0%	
53.1%	54.9	55.0	0.1	0.2%	
54.3%	54.8	54.8	0.0	0.0%	
55.6%	54.8	54.8	0.0	0.0%	
56.8%	54.8	54.7	-0.1	-0.2%	
58.0%	54.7	54.6	0.0	-0.1%	
59.3%	54.6	54.5	-0.2	-0.3%	
60.5%	54.6	54.3	-0.3	-0.6%	
61.7%	54.2	54.2	0.0	0.1%	
63.0%	54.2	54.2	0.0	0.0%	
64.2%	54.2	54.2	0.0	-0.1%	
65.4%	54.2	54.0	-0.2	-0.3%	
66.7%	54.0	54.0	0.0	0.0%	
67.9%	54.0	54.0	0.0	0.1%	
69.1%	53.9	53.9	0.0	0.0%	
70.4%	53.8	53.8	0.0	0.0%	
71.6%	53.8	53.8	0.0	0.0%	
72.8%	53.8	53.7	-0.1	0.2%	
74.1%	53.4	53.6	0.2	0.4%	
75.3%	53.4	53.6	0.2	0.4%	
76.5%	53.3	53.4	0.1	0.2%	
77.8%	53.3	53.3	0.0	0.1%	
79.0%	53.1	52.8	-0.4	-0.7%	
80.2%	53.0	52.8	-0.3	-0.5%	
81.5%	52.8	52.6	-0.2	-0.4%	
82.7%	52.8	52.6	-0.2	-0.4%	
84.0%	52.6	52.4	-0.2	-0.3%	
85.2%	52.4	52.4	0.0	0.0%	
86.4%	52.4	52.3	-0.1	-0.1%	
87.7%	52.2	52.3	0.1	0.3%	
88.9%	52.1	52.2	0.1	0.2%	
90.1%	52.0	52.1	0.1	0.2%	
91.4%	51.7	52.0	0.3	0.5%	
92.6%	51.6	51.7	0.1	0.2%	
93.8%	51.4	51.0	-0.4	-0.8%	
95.1%	51.0	51.0	0.0	0.0%	
96.3%	51.0	51.0	0.0	-0.1%	
97.5%	51.0	50.7	-0.2	-0.4%	
98.8%	49.2	49.2	0.0	0.1%	
100.0%	48.8	48.8	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	73.8	73.2	-0.6	-0.8%	
1.2%	64.9	64.5	-0.3	-0.5%	
2.5%	64.2	64.2	0.0	0.0%	
3.7%	63.7	63.0	-0.7	-1.0%	
4.9%	63.0	62.3	-0.7	-1.1%	
6.2%	61.9	61.4	-0.6	-0.9%	
7.4%	61.9	61.0	-0.9	-1.5%	
8.6%	61.6	61.0	-0.7	-1.1%	
9.9%	61.3	60.6	-0.7	-1.1%	
11.1%	61.3	60.5	-0.8	-1.3%	
12.3%	61.0	60.3	-0.7	-1.1%	
13.6%	60.3	60.2	-0.1	-0.1%	
14.8%	60.3	59.9	-0.4	-0.6%	
16.0%	60.2	59.8	-0.3	-0.6%	
17.3%	59.8	59.6	-0.2	-0.3%	
18.5%	59.7	59.4	-0.3	-0.4%	
19.8%	59.6	59.4	-0.2	-0.3%	
21.0%	59.6	59.4	-0.2	-0.3%	
22.2%	59.5	59.4	-0.1	-0.2%	
23.5%	59.4	59.3	-0.1	-0.2%	
24.7%	59.4	59.3	-0.1	-0.2%	
25.9%	59.2	59.2	0.0	0.0%	
27.2%	59.2	59.1	0.0	-0.1%	
28.4%	59.1	59.1	0.0	-0.1%	
29.6%	59.1	59.0	-0.1	-0.1%	
30.9%	59.1	59.0	-0.1	-0.2%	
32.1%	59.0	58.9	-0.1	-0.1%	
33.3%	59.0	58.8	-0.1	-0.1%	
34.5%	58.9	58.9	0.0	0.1%	
35.8%	58.7	58.8	0.1	0.1%	
37.0%	58.7	58.8	0.0	0.0%	
38.3%	58.6	58.7	0.1	0.2%	
39.5%	58.5	58.6	0.1	0.1%	
40.7%	58.4	58.5	0.1	0.1%	
42.0%	58.4	58.4	0.0	0.0%	
43.2%	58.4	58.4	0.0	-0.1%	
44.4%	58.4	58.4	0.0	0.0%	
45.7%	58.3	58.4	0.0	0.1%	
46.9%	58.2	58.3	0.1	0.3%	
48.1%	58.2	58.2	0.0	0.1%	
49.4%	58.1	58.2	0.1	0.2%	
50.6%	58.1	58.1	0.0	0.0%	
51.9%	58.0	58.1	0.1	0.1%	
53.1%	57.9	58.0	0.1	0.2%	
54.3%	57.8	58.0	0.3	0.5%	
55.6%	57.7	57.8	0.0	0.1%	
56.8%	57.4	57.5	0.1	0.2%	
58.0%	57.4	57.4	0.0	0.0%	
59.3%	57.2	57.3	0.1	0.2%	
60.5%	57.2	57.2	0.0	0.0%	
61.7%	57.2	57.2	0.0	0.0%	
63.0%	57.2	57.2	0.0	0.0%	
64.2%	57.0	57.1	0.2	0.3%	
65.4%	56.9	57.1	0.2	0.4%	
66.7%	56.8	56.9	0.0	0.0%	
67.9%	56.8	56.9	0.0	0.1%	
69.1%	56.8	56.9	0.0	0.1%	
70.4%	56.7	56.8	0.1	0.2%	
71.6%	56.7	56.8	0.0	0.1%	
72.8%	56.7	56.8	0.0	0.1%	
74.1%	56.7	56.8	0.0	0.1%	
75.3%	56.6	56.7	0.1	0.2%	
76.5%	56.6	56.6	0.0	0.0%	
77.8%	56.5	56.5	0.0	0.0%	
79.0%	56.4	56.5	0.1	0.3%	
80.2%	56.3	56.4	0.1	0.2%	
81.5%	56.3	56.3	0.0	0.1%	
82.7%	56.1	56.2	0.0	0.1%	
84.0%	56.1	56.1	-0.1	-0.1%	
85.2%	56.1	56.1	-0.1	-0.1%	
86.4%	56.0	56.0	0.0	0.0%	
87.7%	55.9	56.0	0.3	0.6%	
88.9%	55.6	55.6	0.0	0.0%	
90.1%	55.4	55.2	-0.2	-0.4%	
91.4%	55.1	55.1	0.0	0.0%	
92.6%	55.1	55.1	0.0	0.0%	
93.8%	54.9	54.9	0.0	0.0%	
95.1%	54.9	54.9	0.0	0.0%	
96.3%	54.7	54.7	0.0	0.1%	
97.5%	53.9	53.9	0.0	0.1%	
98.8%	53.7	53.3	-0.4	-0.7%	
100.0%	52.5	52.5	0.0	0.1%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.0	65.0	0.0	0.1%	
1.2%	62.4	61.0	-1.4	-2.3%	
2.5%	62.1	60.5	-1.6	-2.6%	
3.7%	62.0	60.5	-1.5	-2.5%	
4.9%	61.0	60.5	-0.6	-0.9%	
6.2%	60.8	59.9	-0.9	-1.5%	
7.4%	60.6	59.6	-1.0	-1.7%	
8.6%	59.5	59.3	-0.2	-0.4%	
9.9%	59.4	59.2	-0.2	-0.3%	
11.1%	59.4	59.2	-0.2	-0.4%	
12.3%	59.2	59.1	-0.2	-0.3%	
13.6%	59.1	58.9	-0.2	-0.3%	
14.8%	59.0	58.9	-0.1	-0.3%	
16.0%	58.9	58.9	-0.1	-0.1%	
17.3%	58.9	58.3	-0.5	-0.9%	
18.5%	58.8	58.3	-0.5	-0.9%	
19.8%	58.8	58.3	-0.5	-0.9%	
21.0%	58.4	58.3	-0.1	-0.2%	
22.2%	58.4	58.2	-0.2	-0.3%	
23.5%	58.3	58.2	-0.2	-0.3%	
24.7%	58.2	58.1	0.0	-0.1%	
25.9%	58.0	58.0	0.0	0.1%	
27.2%	58.0	57.9	-0.1	-0.2%	
28.4%	57.9	57.7	-0.2	-0.4%	
29.6%	57.9	57.7	-0.2	-0.4%	
30.9%	57.9	57.6	-0.2	-0.4%	
32.1%	57.7	57.6	-0.1	-0.2%	
33.3%	57.5	57.6	0.0	0.1%	
34.5%	57.4	57.5	0.0	0.1%	
35.8%	57.4	57.4	-0.1	-0.1%	
37.0%	57.4	57.3	-0.1	-0.2%	
38.3%	57.2	57.3	0.0	0.1%	
39.5%	57.2	57.2	0.0	0.0%	
40.7%	57.2	57.2	0.0	0.0%	
42.0%	57.1	57.1	-0.1	-0.1%	
43.2%	57.1	56.9	-0.2	-0.3%	
44.4%	57.1	56.8	-0.2	-0.4%	
45.7%	57.0	56.8	-0.2	-0.3%	
46.9%	56.7	56.8	0.1	0.2%	
48.1%	56.6	56.7	0.0	0.1%	
49.4%	56.6	56.6	0.0	0.1%	
50.6%	56.6	56.6	0.0	0.1%	
51.9%	56.5	56.5	0.0	0.0%	
53.1%	56.4	56.4	0.0	0.0%	
54.3%	56.4	56.4	0.1	0.1%	
55.6%	56.4	56.4	0.0	0.1%	
56.8%	56.3	56.3	0.1	0.1%	
58.0%	56.3	56.3	0.0	0.0%	
59.3%	56.2	56.2	0.0	0.0%	
60.5%	56.2	56.2	0.0	0.0%	
61.7%	56.2	56.1	-0.1	-0.1%	
63.0%	56.1	56.1	0.0	0.0%	
64.2%	56.1	56.1	0.0	0.0%	
65.4%	56.0	56.0	0.0	0.0%	
66.7%	56.0	56.0	0.0	0.0%	
67.9%	56.0	56.0	-0.1	-0.1%	
69.1%	56.0	55.9	0.0	0.0%	
70.4%	55.9	55.9	0.0	-0.1%	
71.6%	55.9	55.9	0.0	0.0%	
72.8%	55.7	55.7	0.1	0.2%	
74.1%	55.7	55.7	0.1	0.1%	
75.3%	55.6	55.7	0.1	0.2%	
76.5%	55.5	55.7	0.2	0.3%	
77.8%	55.2	55.6	0.4	0.8%	
79.0%	55.1	55.5	0.4	0.8%	
80.2%	55.0</				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative C	53.3	49.0	43.9	42.6	44.3	47.5	51.2	54.8	59.1	65.5	63.4	56.9
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.2
Percent Difference ²	-0.4%	-0.2%	0.0%	0.0%	0.1%	-0.1%	-0.1%	0.0%	0.0%	-0.1%	0.0%	-0.4%
Water Year Types²												
Wet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative C	51.6	48.1	43.3	42.1	44.1	46.7	49.8	54.2	58.0	65.3	63.6	56.1
Difference	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	0.0
Percent Difference	0.1%	0.0%	0.0%	-0.1%	0.0%	-0.2%	-0.2%	0.0%	0.0%	-0.2%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative C	52.4	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.1	67.7	63.9	56.3
Difference	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.4
Percent Difference	-0.7%	0.0%	0.1%	-0.1%	0.0%	0.0%	0.1%	0.0%	-0.3%	-0.2%	-0.2%	-0.7%
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative C	53.6	49.2	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.0
Difference	-0.4	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
Percent Difference	-0.7%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	-0.3%
Dry (22%)												
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative C	53.3	49.6	44.1	42.7	44.3	47.9	52.4	54.8	59.2	64.9	62.6	56.7
Difference	-0.2	-0.2	0.0	0.1	0.1	0.0	-0.2	0.1	0.1	0.0	0.2	-0.1
Percent Difference	-0.4%	-0.3%	-0.1%	0.2%	0.2%	-0.1%	-0.4%	0.1%	0.2%	0.1%	0.3%	-0.1%
Critical (15%)												
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative C	57.5	50.3	44.5	43.1	45.4	48.9	52.7	55.0	60.9	64.6	63.5	59.3
Difference	-0.7	-0.3	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.1	0.1	-1.0
Percent Difference	-1.2%	-0.6%	-0.1%	0.2%	0.1%	-0.1%	0.0%	-0.1%	-0.1%	0.1%	0.2%	-1.7%

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

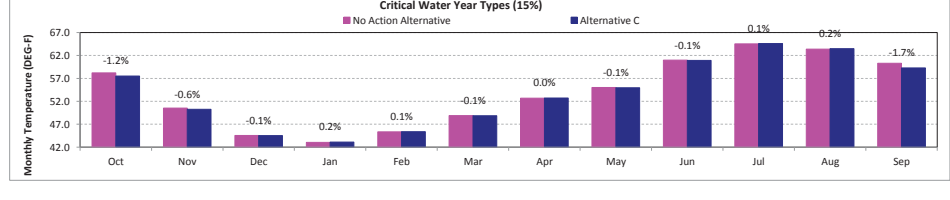
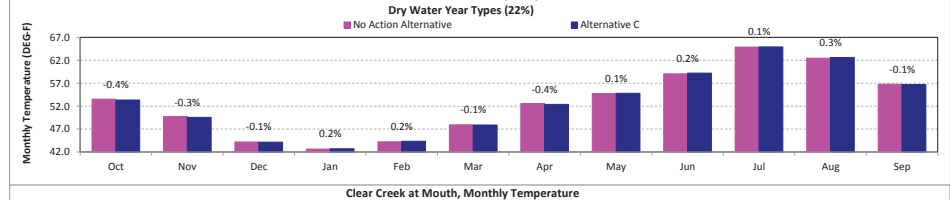
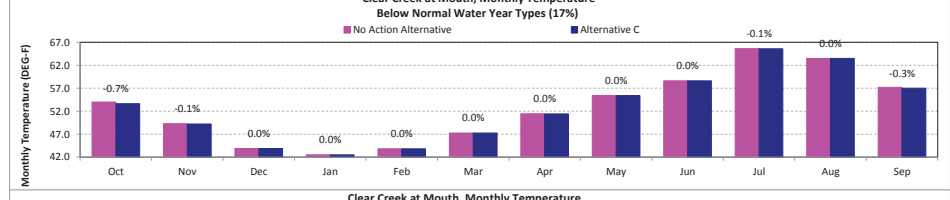
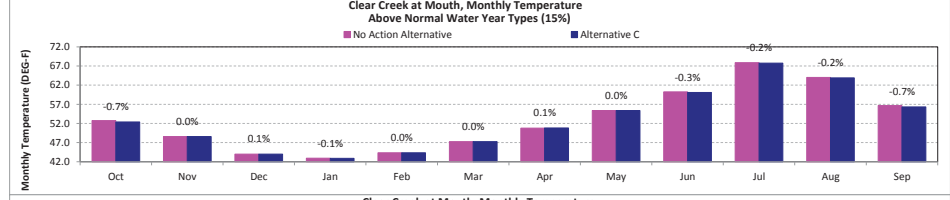
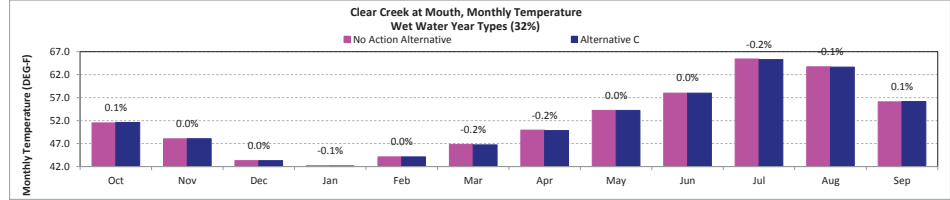
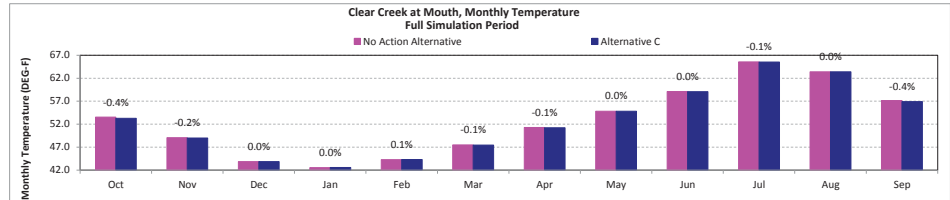


Figure SQ-38-7b
 Clear Creek at Mouth, Monthly Temperature
 Probability of Exceedance

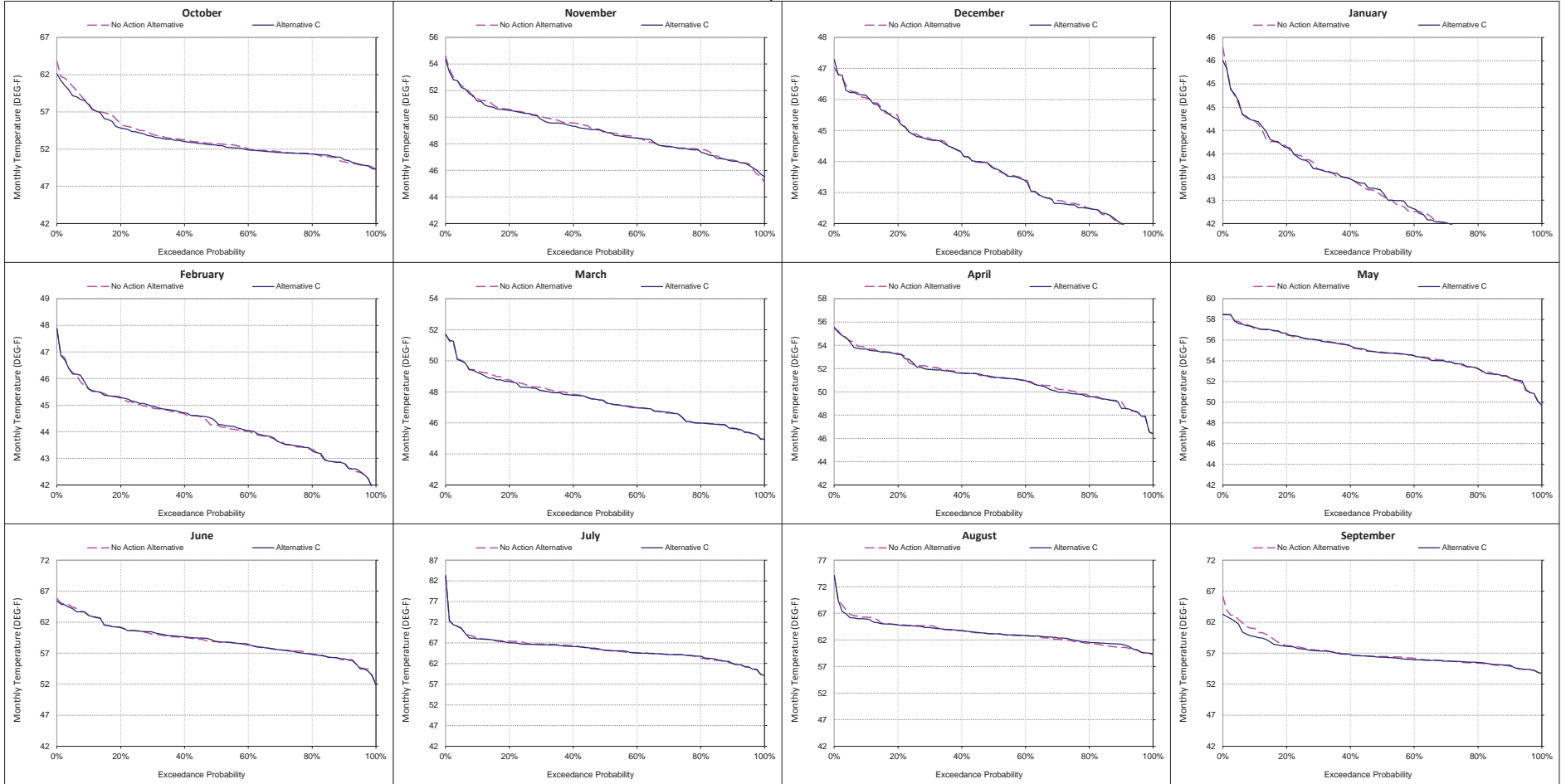


Table SQ-38-7b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	63.8	62.1	-1.7	-2.6%	
1.2%	61.8	61.2	-0.6	-0.9%	
2.5%	61.5	60.5	-1.0	-1.6%	
3.7%	61.1	60.0	-1.1	-1.8%	
4.9%	60.4	59.2	-1.2	-2.0%	
6.2%	59.9	59.0	-0.9	-1.4%	
7.4%	59.2	58.7	-0.6	-0.9%	
8.6%	58.7	58.5	-0.1	-0.2%	
9.9%	58.1	58.0	-0.1	-0.2%	
11.1%	57.4	57.3	-0.1	-0.1%	
12.3%	57.1	57.1	0.1	0.1%	
13.6%	57.0	56.9	-0.1	-0.2%	
14.8%	56.9	56.1	-0.8	-1.4%	
16.0%	56.8	56.0	-0.8	-1.4%	
17.3%	56.6	55.7	-0.9	-1.5%	
18.5%	56.1	55.0	-1.0	-1.8%	
19.8%	55.5	54.9	-0.6	-1.1%	
21.0%	55.1	54.8	-0.4	-0.7%	
22.2%	55.0	54.6	-0.4	-0.7%	
23.5%	54.9	54.3	-0.5	-1.0%	
24.7%	54.7	54.3	-0.4	-0.8%	
25.9%	54.5	54.2	-0.3	-0.5%	
27.2%	54.5	54.1	-0.4	-0.7%	
28.4%	54.4	53.8	-0.5	-1.0%	
29.6%	54.0	53.8	-0.3	-0.5%	
30.9%	53.9	53.6	-0.3	-0.5%	
32.1%	53.8	53.5	-0.2	-0.4%	
33.3%	53.7	53.4	-0.3	-0.5%	
34.5%	53.5	53.3	-0.2	-0.3%	
35.8%	53.5	53.3	-0.1	-0.2%	
37.0%	53.4	53.2	-0.2	-0.4%	
38.3%	53.3	53.2	-0.2	-0.3%	
39.5%	53.3	53.0	-0.2	-0.4%	
40.7%	53.2	53.0	-0.2	-0.4%	
42.0%	53.1	52.9	-0.2	-0.3%	
43.2%	53.0	52.9	-0.1	-0.2%	
44.4%	53.0	52.8	-0.2	-0.4%	
45.7%	52.9	52.7	-0.2	-0.4%	
46.9%	52.8	52.6	-0.2	-0.3%	
48.1%	52.8	52.6	-0.2	-0.4%	
49.4%	52.8	52.6	-0.2	-0.3%	
50.6%	52.7	52.5	-0.2	-0.5%	
51.9%	52.7	52.5	-0.2	-0.5%	
53.1%	52.6	52.3	-0.3	-0.7%	
54.3%	52.6	52.2	-0.4	-0.7%	
55.6%	52.6	52.2	-0.4	-0.8%	
56.8%	52.4	52.2	-0.3	-0.5%	
58.0%	52.3	52.1	-0.3	-0.5%	
59.3%	52.2	51.9	-0.2	-0.4%	
60.5%	51.9	51.9	-0.1	-0.2%	
61.7%	51.9	51.8	-0.1	-0.2%	
63.0%	51.8	51.8	0.0	-0.1%	
64.2%	51.8	51.8	0.0	-0.1%	
65.4%	51.8	51.7	-0.1	-0.2%	
66.7%	51.7	51.7	-0.1	-0.2%	
67.9%	51.7	51.6	-0.1	-0.2%	
69.1%	51.7	51.5	-0.1	-0.2%	
70.4%	51.6	51.5	-0.1	-0.2%	
71.6%	51.6	51.5	-0.1	-0.2%	
72.8%	51.5	51.5	0.0	-0.1%	
74.1%	51.5	51.4	0.0	-0.1%	
75.3%	51.5	51.4	0.0	-0.1%	
76.5%	51.5	51.4	-0.1	-0.1%	
77.8%	51.5	51.4	-0.1	-0.2%	
79.0%	51.4	51.4	-0.1	-0.1%	
80.2%	51.4	51.3	0.0	-0.1%	
81.5%	51.2	51.3	0.1	0.1%	
82.7%	51.1	51.2	0.2	0.3%	
84.0%	51.1	51.2	0.2	0.3%	
85.2%	51.0	51.2	0.2	0.4%	
86.4%	50.9	51.0	0.1	0.2%	
87.7%	50.9	50.9	0.1	0.1%	
88.9%	50.4	50.9	0.5	1.0%	
90.1%	50.3	50.6	0.3	0.5%	
91.4%	50.2	50.5	0.3	0.6%	
92.6%	50.1	50.2	0.1	0.2%	
93.8%	50.0	50.1	0.1	0.2%	
95.1%	49.9	50.1	0.1	0.1%	
96.3%	49.9	49.9	0.0	0.0%	
97.5%	49.7	49.8	0.0	0.0%	
98.8%	49.6	49.4	-0.3	-0.5%	
100.0%	49.3	49.3	0.0	0.0%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.6	54.3	-0.2	-0.4%	
1.2%	53.6	53.4	-0.2	-0.4%	
2.5%	53.0	52.8	-0.2	-0.4%	
3.7%	52.7	52.5	0.0	0.1%	
4.9%	52.4	52.2	-0.1	-0.2%	
6.2%	52.2	52.1	-0.1	-0.2%	
7.4%	51.9	51.8	-0.2	-0.3%	
8.6%	51.5	51.6	0.1	0.3%	
9.9%	51.4	51.2	-0.2	-0.4%	
11.1%	51.3	51.2	-0.1	-0.1%	
12.3%	51.2	50.9	-0.3	-0.6%	
13.6%	51.2	50.8	-0.4	-0.8%	
14.8%	50.9	50.8	-0.2	-0.4%	
16.0%	50.8	50.6	-0.1	-0.3%	
17.3%	50.7	50.6	-0.1	-0.1%	
18.5%	50.6	50.6	-0.1	-0.1%	
19.8%	50.6	50.5	-0.1	-0.1%	
21.0%	50.6	50.5	-0.1	-0.2%	
22.2%	50.4	50.4	0.0	0.0%	
23.5%	50.4	50.4	-0.1	-0.1%	
24.7%	50.3	50.3	0.0	-0.1%	
25.9%	50.2	50.3	0.1	0.1%	
27.2%	50.1	50.2	0.1	0.1%	
28.4%	50.1	50.2	0.1	0.1%	
29.6%	50.1	49.9	-0.2	-0.4%	
30.9%	50.0	49.7	-0.3	-0.5%	
32.1%	49.9	49.6	-0.3	-0.7%	
33.3%	49.9	49.6	-0.3	-0.6%	
34.5%	49.8	49.6	-0.2	-0.5%	
35.8%	49.7	49.6	-0.1	-0.3%	
37.0%	49.6	49.5	-0.1	-0.2%	
38.3%	49.6	49.4	-0.2	-0.3%	
39.5%	49.6	49.3	-0.2	-0.5%	
40.7%	49.6	49.3	-0.3	-0.5%	
42.0%	49.5	49.2	-0.3	-0.6%	
43.2%	49.4	49.2	-0.3	-0.5%	
44.4%	49.4	49.1	-0.3	-0.5%	
45.7%	49.2	49.1	-0.1	-0.2%	
46.9%	49.1	49.1	-0.1	-0.1%	
48.1%	49.1	49.0	-0.1	-0.1%	
49.4%	49.2	49.0	-0.1	-0.1%	
50.6%	48.8	48.8	0.0	0.0%	
51.9%	48.8	48.8	0.0	0.0%	
53.1%	48.8	48.6	-0.2	-0.3%	
54.3%	48.7	48.6	-0.1	-0.3%	
55.6%	48.6	48.6	-0.1	-0.2%	
56.8%	48.5	48.5	-0.1	-0.2%	
58.0%	48.6	48.5	-0.1	-0.3%	
59.3%	48.5	48.4	-0.1	-0.1%	
60.5%	48.4	48.4	0.0	0.0%	
61.7%	48.4	48.4	0.0	0.1%	
63.0%	48.1	48.4	0.2	0.5%	
64.2%	48.1	48.3	0.2	0.4%	
65.4%	48.1	48.1	0.0	0.0%	
66.7%	47.9	47.9	0.0	-0.1%	
67.9%	47.9	47.8	0.0	0.0%	
69.1%	47.8	47.8	0.1	0.1%	
70.4%	47.8	47.8	0.0	0.1%	
71.6%	47.7	47.7	0.0	0.0%	
72.8%	47.7	47.7	0.0	-0.1%	
74.1%	47.7	47.6	0.0	-0.1%	
75.3%	47.7	47.6	0.0	0.0%	
76.5%	47.6	47.6	-0.1	-0.2%	
77.8%	47.6	47.6	-0.1	-0.2%	
79.0%	47.6	47.5	-0.0	-0.1%	
80.2%	47.5	47.4	-0.2	-0.4%	
81.5%	47.5	47.3	-0.3	-0.6%	
82.7%	47.4	47.1	-0.2	-0.5%	
84.0%	47.1	47.1	0.0	-0.1%	
85.2%	47.1	46.9	-0.2	-0.4%	
86.4%	46.9	46.9	0.0	-0.1%	
87.7%	46.8	46.8	0.0	0.1%	
88.9%	46.8	46.8	0.0	-0.1%	
90.1%	46.8	46.7	-0.1	-0.2%	
91.4%	46.7	46.7	0.0	0.0%	
92.6%	46.6	46.6	0.0	0.0%	
93.8%	46.6	46.6	0.0	0.0%	
95.1%	46.5	46.4	-0.1	-0.3%	
96.3%	46.1	46.1	0.0	0.1%	
97.5%	45.7	46.0	0.3	0.7%	
98.8%	45.6	45.7	0.1	0.3%	
100.0%	45.1	45.5	0.4	1.0%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	47.0	47.3	0.3	0.6%	
1.2%	46.8	46.8	0.0	0.0%	
2.5%	46.7	46.8	0.1	0.2%	
3.7%	46.5	46.3	-0.2	-0.4%	
4.9%	46.3	46.2	-0.1	-0.1%	
6.2%	46.3	46.2	0.0	-0.1%	
7.4%	46.2	46.2	-0.1	-0.1%	
8.6%	46.1	46.1	0.1	0.2%	
9.9%	46.1	46.1	0.1	0.2%	
11.1%	46.0	46.0	0.0	0.0%	
12.3%	45.9	45.9	0.0	-0.1%	
13.6%	45.9	45.8	0.0	-0.1%	
14.8%	45.7	45.7	-0.1	-0.2%	
16.0%	45.6	45.6	0.1	0.2%	
17.3%	45.5	45.5	0.0	0.0%	
18.5%	45.4	45.4	-0.1	-0.2%	
19.8%	45.5	45.4	-0.1	-0.3%	
21.0%	45.2	45.2	0.0	0.0%	
22.2%	45.1	45.1	0.0	0.0%	
23.5%	45.0	44.9	0.0	0.0%	
24.7%	44.9	44.9	0.0	-0.1%	
25.9%	44.8	44.8	-0.1	-0.1%	
27.2%	44.8	44.8	0.0	0.0%	
28.4%	44.8	44.7	0.0	-0.1%	
29.6%	44.8	44.7	-0.1	-0.1%	
30.9%	44.7	44.7	0.0	0.0%	
32.1%	44.7	44.7	0.0	0.0%	
33.3%	44.7	44.7	0.0	-0.1%	
34.5%	44.7	44.6	-0.1	-0.2%	
35.8%	44.5	44.5	0.0	0.0%	
37.0%	44.4	44.5	0.0	0.0%	
38.3%	44.4	44.4	0.0	-0.1%	
39.5%	44.3	44.3	0.0	0.1%	
40.7%	44.2	44.2	0.0	0.0%	
42.0%	44.2	44.1	-0.1	-0.2%	
43.2%	44.1	44.0	0.0	-0.1%	
44.4%	44.0	44.0	0.0	0.0%	
45.7%	44.0	44.0	0.0	0.1%	
46.9%	44.0	44.0	0.0	0.0%	
48.1%	43.9	44.0	0.0	0.1%	
49.4%	43.9	43.8	-0.1	-0.1%	
50.6%	43.7	43.8	0.0	0.1%	
51.9%	43.7	43.7	0.0	0.1%	
53.1%	43.6	43.6	0.0	0.0%	
54.3%	43.6	43.5	0.0	-0.1%	
55.6%	43.6	43.5	0.0	-0.1%	
56.8%	43.5	43.5	0.0	0.0%	
58.0%	43.5	43.5	0.0	-0.1%	
59.3%	43.4	43.4	0.0	0.0%	
60.5%	43.4	43.3	0.0	-0.1%	
61.7%	43.0	43.0	0.0	0.0%	
63.0%	43.0	43.0	0.0	0.0%	
64.2%	42.9	42.9	0.0	0.0%	
65.4%	42.9	42.9	0.0	0.0%	
66.7%	42.8	42.8	0.0	0.0%	
67.9%	42.8	42.8	0.0	0.0%	
69.1%	42.8	42.7	-0.1	-0.2%	
70.4%	42.7	42.6	-0.1	-0.2%	
71.6%	42.7	42.6	-0.1	-0.2%	
72.8%	42.7	42.6	0.0	-0.1%	
74.1%	42.7	42.6	0.0	-0.1%	
75.3%	42.7	42.6	0.0	-0.1%	
76.5%	42.6	42.5	-0.1	-0.2%	
77.8%	42.6	42.5	-0.1	-0.2%	
79.0%	42.5	42.5	0.0	-0.1%	
80.2%	42.5				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	47.9	47.9	0.0	0.0%	
1.2%	46.9	46.9	0.0	-0.1%	
2.5%	46.8	46.7	-0.1	-0.2%	
3.7%	46.4	46.4	0.0	0.0%	
4.9%	46.2	46.2	0.0	-0.1%	
6.2%	46.1	46.2	0.0	0.1%	
7.4%	45.9	46.1	0.3	0.5%	
8.6%	45.7	45.9	0.1	0.3%	
9.9%	45.6	45.6	0.0	0.2%	
11.1%	45.5	45.5	0.0	0.1%	
12.3%	45.5	45.5	0.0	0.0%	
13.6%	45.5	45.5	0.0	0.0%	
14.8%	45.4	45.4	-0.1	-0.1%	
16.0%	45.4	45.4	0.0	0.0%	
17.3%	45.3	45.3	0.0	0.0%	
18.5%	45.3	45.3	0.0	0.0%	
19.8%	45.3	45.3	0.0	-0.1%	
21.0%	45.2	45.3	0.1	0.1%	
22.2%	45.1	45.2	0.1	0.2%	
23.5%	45.1	45.2	0.0	0.1%	
24.7%	45.1	45.1	0.1	0.2%	
25.9%	45.1	45.1	0.1	0.2%	
27.2%	45.0	45.1	0.1	0.2%	
28.4%	44.9	45.0	0.1	0.2%	
29.6%	44.9	45.0	0.1	0.2%	
30.9%	44.9	44.9	0.0	0.2%	
32.1%	44.9	44.9	0.0	0.0%	
33.3%	44.8	44.9	0.0	0.1%	
34.5%	44.8	44.8	0.0	-0.1%	
35.8%	44.8	44.8	0.1	0.1%	
37.0%	44.7	44.8	0.0	0.1%	
38.3%	44.7	44.8	0.0	0.1%	
39.5%	44.7	44.7	0.0	0.2%	
40.7%	44.6	44.7	0.1	0.2%	
42.0%	44.6	44.6	0.0	0.0%	
43.2%	44.6	44.6	0.0	0.0%	
44.4%	44.6	44.6	0.0	0.0%	
45.7%	44.5	44.6	0.1	0.1%	
46.9%	44.4	44.6	0.1	0.3%	
48.1%	44.3	44.5	0.3	0.6%	
49.4%	44.3	44.4	0.2	0.4%	
50.6%	44.2	44.3	0.1	0.1%	
51.9%	44.2	44.3	0.1	0.2%	
53.1%	44.2	44.2	0.1	0.2%	
54.3%	44.1	44.2	0.1	0.2%	
55.6%	44.1	44.2	0.1	0.2%	
56.8%	44.1	44.1	0.1	0.2%	
58.0%	44.1	44.1	0.0	0.1%	
59.3%	44.0	44.1	0.0	0.1%	
60.5%	44.0	44.0	0.0	0.1%	
61.7%	43.9	44.0	0.1	0.3%	
63.0%	43.9	43.9	0.0	0.1%	
64.2%	43.8	43.9	0.0	0.1%	
65.4%	43.8	43.8	0.0	0.0%	
66.7%	43.8	43.8	0.0	0.1%	
67.9%	43.7	43.8	0.0	0.1%	
69.1%	43.6	43.6	0.0	0.0%	
70.4%	43.6	43.6	-0.1	-0.2%	
71.6%	43.5	43.5	0.0	0.0%	
72.8%	43.5	43.5	0.0	0.0%	
74.1%	43.5	43.5	0.0	0.0%	
75.3%	43.4	43.5	0.0	0.1%	
76.5%	43.4	43.4	0.0	0.0%	
77.8%	43.4	43.4	0.0	0.0%	
79.0%	43.4	43.4	0.0	0.1%	
80.2%	43.3	43.3	-0.1	-0.2%	
81.5%	43.2	43.2	0.0	0.0%	
82.7%	43.1	43.2	0.1	0.1%	
84.0%	42.9	42.9	0.0	0.0%	
85.2%	42.9	42.9	0.0	0.0%	
86.4%	42.9	42.9	0.0	0.0%	
87.7%	42.9	42.8	-0.0	0.0%	
88.9%	42.9	42.8	-0.0	0.0%	
90.1%	42.8	42.8	0.0	-0.1%	
91.4%	42.6	42.6	0.0	0.0%	
92.6%	42.6	42.6	0.0	0.0%	
93.8%	42.5	42.6	0.1	0.2%	
95.1%	42.5	42.5	0.0	0.0%	
96.3%	42.4	42.4	0.0	0.0%	
97.5%	42.2	42.2	0.0	0.0%	
98.8%	41.9	41.9	0.0	0.0%	
100.0%	41.5	41.5	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	51.7	51.7	0.0	0.0%	
1.2%	51.3	51.3	0.1	0.1%	
2.5%	51.1	51.3	0.1	0.2%	
3.7%	50.1	50.1	0.0	-0.1%	
4.9%	50.0	50.0	0.0	-0.1%	
6.2%	49.9	49.9	0.0	0.0%	
7.4%	49.4	49.4	0.0	0.0%	
8.6%	49.4	49.4	0.0	-0.1%	
9.9%	49.4	49.3	-0.1	-0.3%	
11.1%	49.3	49.2	-0.1	-0.2%	
12.3%	49.2	49.0	-0.2	-0.4%	
13.6%	49.2	48.9	-0.3	-0.6%	
14.8%	49.1	48.9	-0.2	-0.4%	
16.0%	49.0	48.8	-0.2	-0.4%	
17.3%	49.0	48.8	-0.2	-0.4%	
18.5%	48.8	48.7	-0.1	-0.2%	
19.8%	48.8	48.7	-0.1	-0.2%	
21.0%	48.7	48.6	0.0	-0.1%	
22.2%	48.6	48.6	-0.1	-0.1%	
23.5%	48.6	48.3	-0.3	-0.5%	
24.7%	48.5	48.3	-0.2	-0.4%	
25.9%	48.5	48.3	-0.2	-0.4%	
27.2%	48.3	48.2	-0.1	-0.2%	
28.4%	48.3	48.2	-0.1	-0.2%	
29.6%	48.3	48.1	-0.2	-0.4%	
30.9%	48.3	48.1	-0.2	-0.5%	
32.1%	48.1	48.0	-0.1	-0.3%	
33.3%	48.1	48.0	-0.1	-0.3%	
34.5%	48.1	47.9	-0.1	-0.2%	
35.8%	48.0	47.9	-0.1	-0.1%	
37.0%	48.0	47.8	-0.2	-0.3%	
38.3%	47.9	47.8	-0.1	-0.2%	
39.5%	47.8	47.8	-0.1	-0.1%	
40.7%	47.8	47.8	0.0	-0.1%	
42.0%	47.8	47.7	-0.1	-0.1%	
43.2%	47.7	47.7	0.0	0.0%	
44.4%	47.6	47.6	0.0	0.0%	
45.7%	47.6	47.5	0.0	0.0%	
46.9%	47.5	47.5	0.0	0.0%	
48.1%	47.5	47.5	0.0	0.0%	
49.4%	47.5	47.5	0.0	0.0%	
50.6%	47.2	47.3	0.0	0.1%	
51.9%	47.2	47.2	0.0	0.0%	
53.1%	47.2	47.2	0.0	0.0%	
54.3%	47.2	47.2	0.0	0.0%	
55.6%	47.1	47.1	0.0	0.0%	
56.8%	47.1	47.1	0.0	0.0%	
58.0%	47.0	47.1	0.1	0.2%	
59.3%	47.0	47.0	0.0	0.0%	
60.5%	47.0	47.0	0.0	0.0%	
61.7%	47.0	47.0	0.0	0.0%	
63.0%	46.9	46.9	0.0	-0.1%	
64.2%	46.9	46.9	0.0	0.0%	
65.4%	46.8	46.8	0.0	0.0%	
66.7%	46.7	46.8	0.0	0.0%	
67.9%	46.7	46.7	0.0	0.1%	
69.1%	46.6	46.7	0.1	0.1%	
70.4%	46.6	46.7	0.1	0.1%	
71.6%	46.6	46.6	0.0	0.0%	
72.8%	46.6	46.6	0.0	0.0%	
74.1%	46.4	46.4	0.0	0.0%	
75.3%	46.1	46.1	0.0	-0.1%	
76.5%	46.1	46.1	0.0	0.1%	
77.8%	46.0	46.0	0.0	0.0%	
79.0%	46.0	46.0	0.0	0.0%	
80.2%	46.0	46.0	0.0	0.0%	
81.5%	46.0	46.0	0.0	0.0%	
82.7%	46.0	45.9	0.0	0.0%	
84.0%	45.9	45.9	0.0	-0.1%	
85.2%	45.9	45.9	0.0	0.0%	
86.4%	45.9	45.9	0.0	0.0%	
87.7%	45.9	45.9	0.0	0.1%	
88.9%	45.7	45.7	0.0	0.0%	
90.1%	45.7	45.6	0.0	-0.1%	
91.4%	45.6	45.6	0.0	0.0%	
92.6%	45.4	45.6	0.1	0.3%	
93.8%	45.4	45.4	0.0	0.1%	
95.1%	45.4	45.4	0.0	0.1%	
96.3%	45.3	45.3	0.0	0.0%	
97.5%	45.2	45.2	0.0	0.1%	
98.8%	45.0	44.9	0.0	-0.1%	
100.0%	44.9	44.9	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	55.4	55.6	0.1	0.2%	
1.2%	55.3	55.1	-0.1	-0.3%	
2.5%	54.8	54.9	0.0	0.0%	
3.7%	54.7	54.7	0.1	0.1%	
4.9%	54.4	54.3	-0.1	-0.1%	
6.2%	54.3	53.8	-0.5	-0.9%	
7.4%	53.9	53.7	-0.2	-0.3%	
8.6%	53.9	53.7	-0.2	-0.4%	
9.9%	53.8	53.7	-0.2	-0.3%	
11.1%	53.7	53.6	-0.1	-0.2%	
12.3%	53.7	53.5	-0.2	-0.3%	
13.6%	53.5	53.5	0.0	-0.1%	
14.8%	53.5	53.4	-0.1	-0.1%	
16.0%	53.4	53.4	0.0	-0.1%	
17.3%	53.4	53.4	0.0	0.0%	
18.5%	53.4	53.3	0.0	-0.1%	
19.8%	53.3	53.2	-0.1	-0.2%	
21.0%	53.2	53.2	0.0	0.0%	
22.2%	53.1	52.8	-0.2	-0.5%	
23.5%	52.5	52.8	0.3	0.5%	
24.7%	52.4	52.5	0.1	0.3%	
25.9%	52.3	52.3	0.1	0.2%	
27.2%	52.2	52.1	-0.1	-0.2%	
28.4%	52.2	52.0	-0.3	-0.5%	
29.6%	52.1	51.9	-0.2	-0.4%	
30.9%	52.1	51.9	-0.2	-0.4%	
32.1%	52.1	51.9	-0.2	-0.4%	
33.3%	52.0	51.9	-0.1	-0.2%	
34.5%	51.9	51.8	-0.1	-0.2%	
35.8%	51.8	51.8	0.0	-0.1%	
37.0%	51.8	51.7	-0.1	-0.1%	
38.3%	51.8	51.6	-0.1	-0.2%	
39.5%	51.6	51.6	0.0	-0.1%	
40.7%	51.6	51.6	0.0	0.0%	
42.0%	51.6	51.6	0.0	0.0%	
43.2%	51.6	51.6	0.0	0.0%	
44.4%	51.6	51.6	0.0	0.0%	
45.7%	51.4	51.5	0.1	0.2%	
46.9%	51.4	51.4	0.0	0.0%	
48.1%	51.3	51.4	0.1	0.1%	
49.4%	51.2	51.3	0.1	0.2%	
50.6%	51.2	51.2	0.0	0.0%	
51.9%	51.2	51.2	0.0	0.0%	
53.1%	51.1	51.2	0.1	0.1%	
54.3%	51.1	51.1	0.0	0.0%	
55.6%	51.1	51.1	0.0	0.0%	
56.8%	51.1	51.1	0.0	0.0%	
58.0%	51.1	51.0	0.0	0.0%	
59.3%	50.9	51.0	0.1	0.2%	
60.5%	50.9	50.9	0.0	0.1%	
61.7%	50.8	50.9	0.1	0.2%	
63.0%	50.6	50.6	0.0	0.0%	
64.2%	50.6	50.6	-0.1	-0.2%	
65.4%	50.6	50.5	-0.1	-0.2%	
66.7%	50.6	50.4	-0.2	-0.4%	
67.9%	50.5	50.2	-0.3	-0.7%	
69.1%	50.4	50.1	-0.3	-0.5%	
70.4%	50.2	50.0	-0.2	-0.5%	
71.6%	50.2	50.0	-0.2	-0.5%	
72.8%	50.2	50.0	-0.2	-0.5%	
74.1%	50.1	49.9	-0.2	-0.5%	
75.3%	50.0	49.8	-0.2	-0.4%	
76.5%	49.9	49.8	-0.1	-0.1%	
77.8%	49.8	49.8	0.0	-0.1%	
79.0%	49.8	49.6	-0.2	-0.4%	
80.2%	49.6				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.8	65.4	-0.4	-0.6%	
1.2%	65.1	64.9	-0.2	-0.3%	
2.5%	64.9	64.8	-0.1	-0.2%	
3.7%	64.8	64.4	-0.4	-0.6%	
4.9%	64.4	64.2	-0.3	-0.4%	
6.2%	64.2	63.7	-0.5	-0.8%	
7.4%	63.8	63.7	-0.1	-0.2%	
8.6%	63.7	63.6	-0.1	-0.1%	
9.9%	63.2	63.1	-0.1	-0.2%	
11.1%	62.9	62.9	0.0	0.0%	
12.3%	62.8	62.7	-0.1	-0.2%	
13.6%	62.6	62.6	0.0	0.0%	
14.8%	61.6	61.5	0.0	-0.1%	
16.0%	61.5	61.5	0.0	0.0%	
17.3%	61.3	61.3	-0.1	-0.1%	
18.5%	61.3	61.3	0.0	0.0%	
19.8%	61.2	61.2	0.0	0.0%	
21.0%	60.9	61.0	0.0	0.0%	
22.2%	60.8	60.6	-0.2	-0.3%	
23.5%	60.6	60.6	0.0	0.0%	
24.7%	60.6	60.6	0.0	0.0%	
25.9%	60.6	60.6	0.0	0.0%	
27.2%	60.4	60.5	0.1	0.1%	
28.4%	60.3	60.5	0.2	0.3%	
29.6%	60.1	60.4	0.3	0.6%	
30.9%	60.1	60.3	0.2	0.3%	
32.1%	60.0	60.1	0.1	0.2%	
33.3%	59.8	60.0	0.2	0.3%	
34.5%	59.9	59.9	0.1	0.1%	
35.8%	59.7	59.8	0.2	0.3%	
37.0%	59.6	59.8	0.2	0.3%	
38.3%	59.6	59.7	0.1	0.1%	
39.5%	59.5	59.7	0.2	0.3%	
40.7%	59.5	59.6	0.1	0.2%	
42.0%	59.4	59.5	0.1	0.1%	
43.2%	59.3	59.5	0.2	0.3%	
44.4%	59.2	59.4	0.2	0.4%	
45.7%	59.2	59.4	0.2	0.3%	
46.9%	59.0	59.4	0.4	0.6%	
48.1%	58.9	59.2	0.3	0.6%	
49.4%	58.9	59.0	0.1	0.2%	
50.6%	58.9	58.8	0.0	-0.1%	
51.9%	58.8	58.8	0.0	-0.1%	
53.1%	58.8	58.8	0.0	0.0%	
54.3%	58.8	58.7	-0.1	-0.1%	
55.6%	58.7	58.7	0.0	0.0%	
56.8%	58.6	58.6	0.1	0.1%	
58.0%	58.5	58.5	0.0	0.0%	
59.3%	58.3	58.5	0.2	0.3%	
60.5%	58.3	58.3	0.0	0.0%	
61.7%	58.2	58.1	-0.1	-0.1%	
63.0%	58.0	58.0	-0.1	-0.1%	
64.2%	57.9	58.0	0.1	0.1%	
65.4%	57.9	57.9	0.0	0.0%	
66.7%	57.7	57.8	0.1	0.1%	
67.9%	57.7	57.7	-0.1	-0.1%	
69.1%	57.6	57.6	0.0	0.0%	
70.4%	57.5	57.5	0.0	-0.1%	
71.6%	57.5	57.5	0.0	0.0%	
72.8%	57.5	57.3	-0.1	-0.2%	
74.1%	57.4	57.3	-0.1	-0.1%	
75.3%	57.4	57.1	-0.2	-0.4%	
76.5%	57.3	57.0	-0.3	-0.5%	
77.8%	57.2	57.0	-0.2	-0.4%	
79.0%	56.9	56.9	0.0	0.0%	
80.2%	56.9	56.8	-0.1	-0.2%	
81.5%	56.8	56.7	0.0	-0.1%	
82.7%	56.7	56.6	-0.1	-0.2%	
84.0%	56.5	56.5	0.0	0.0%	
85.2%	56.3	56.3	0.0	0.0%	
86.4%	56.3	56.3	0.0	0.0%	
87.7%	56.3	56.3	0.0	-0.1%	
88.9%	56.0	56.1	0.1	0.1%	
90.1%	55.9	56.1	0.2	0.4%	
91.4%	55.8	55.9	0.1	0.2%	
92.6%	55.8	55.9	0.1	0.2%	
93.8%	55.2	55.2	0.0	0.1%	
95.1%	54.7	54.5	-0.2	-0.3%	
96.3%	54.5	54.5	0.0	0.0%	
97.5%	54.5	54.1	-0.4	-0.7%	
98.8%	53.4	53.4	0.0	0.0%	
100.0%	51.9	51.9	0.0	-0.2%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	83.4	83.0	-0.4	-0.5%	
1.2%	72.2	72.4	0.2	0.3%	
2.5%	71.5	71.4	-0.1	-0.1%	
3.7%	70.9	71.1	0.1	0.2%	
4.9%	70.6	70.5	0.0	0.0%	
6.2%	69.2	69.3	0.1	0.1%	
7.4%	68.8	68.2	-0.7	-1.0%	
8.6%	68.6	68.1	-0.5	-0.7%	
9.9%	68.1	68.0	-0.1	-0.2%	
11.1%	68.0	67.9	-0.1	-0.2%	
12.3%	67.9	67.9	0.0	0.0%	
13.6%	67.9	67.8	0.0	0.0%	
14.8%	67.7	67.7	0.0	0.0%	
16.0%	67.6	67.4	-0.1	-0.2%	
17.3%	67.5	67.3	-0.2	-0.3%	
18.5%	67.4	67.2	-0.2	-0.3%	
19.8%	67.4	67.0	-0.4	-0.6%	
21.0%	67.4	67.0	-0.4	-0.6%	
22.2%	67.4	66.9	-0.4	-0.6%	
23.5%	67.3	66.7	-0.6	-0.9%	
24.7%	67.1	66.7	-0.4	-0.5%	
25.9%	66.8	66.8	0.0	-0.2%	
27.2%	66.8	66.6	-0.1	-0.2%	
28.4%	66.8	66.6	-0.1	-0.2%	
29.6%	66.7	66.6	-0.1	-0.2%	
30.9%	66.7	66.5	-0.1	-0.2%	
32.1%	66.6	66.5	-0.1	-0.2%	
33.3%	66.6	66.5	-0.1	-0.2%	
34.5%	66.6	66.5	-0.1	-0.1%	
35.8%	66.5	66.4	-0.2	-0.3%	
37.0%	66.5	66.3	-0.2	-0.3%	
38.3%	66.4	66.1	-0.3	-0.4%	
39.5%	66.4	66.1	-0.3	-0.4%	
40.7%	66.3	66.1	-0.2	-0.3%	
42.0%	66.1	66.1	0.0	0.0%	
43.2%	66.0	65.9	-0.1	-0.2%	
44.4%	65.6	65.9	0.2	0.4%	
45.7%	65.6	65.7	0.2	0.2%	
46.9%	65.5	65.7	0.2	0.4%	
48.1%	65.4	65.5	0.2	0.2%	
49.4%	65.2	65.3	0.1	0.1%	
50.6%	65.2	65.2	0.1	0.1%	
51.9%	65.1	65.2	0.1	0.1%	
53.1%	64.9	65.1	0.2	0.2%	
54.3%	64.9	65.1	0.2	0.3%	
55.6%	64.9	65.1	0.2	0.3%	
56.8%	64.7	65.0	0.3	0.4%	
58.0%	64.7	64.6	-0.1	-0.1%	
59.3%	64.6	64.6	0.0	-0.1%	
60.5%	64.6	64.5	-0.1	-0.2%	
61.7%	64.6	64.5	-0.1	-0.1%	
63.0%	64.5	64.5	0.0	-0.1%	
64.2%	64.5	64.4	0.0	-0.1%	
65.4%	64.5	64.4	-0.1	-0.1%	
66.7%	64.4	64.4	-0.1	-0.1%	
67.9%	64.3	64.3	0.0	0.1%	
69.1%	64.2	64.3	0.0	0.0%	
70.4%	64.2	64.2	0.0	0.0%	
71.6%	64.2	64.2	0.0	0.0%	
72.8%	64.2	64.2	0.0	0.0%	
74.1%	64.2	64.2	0.0	0.0%	
75.3%	64.1	64.0	-0.1	-0.1%	
76.5%	63.9	64.0	0.1	0.1%	
77.8%	63.8	63.9	0.1	0.1%	
79.0%	63.7	63.8	0.0	0.1%	
80.2%	63.3	63.7	0.5	0.7%	
81.5%	63.2	63.3	0.1	0.2%	
82.7%	63.0	63.2	0.3	0.4%	
84.0%	62.8	63.1	0.4	0.6%	
85.2%	62.8	63.0	0.2	0.3%	
86.4%	62.7	62.7	-0.1	-0.1%	
87.7%	62.6	62.6	0.0	0.0%	
88.9%	62.2	62.5	0.3	0.5%	
90.1%	62.0	61.9	-0.1	-0.1%	
91.4%	61.7	61.7	0.0	0.0%	
92.6%	61.7	61.7	0.0	0.0%	
93.8%	61.2	61.2	0.0	0.0%	
95.1%	61.1	61.2	0.1	0.1%	
96.3%	60.7	60.7	0.0	0.0%	
97.5%	60.5	60.6	0.2	0.3%	
98.8%	59.5	59.3	-0.1	-0.2%	
100.0%	59.3	59.1	-0.1	-0.2%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative C Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	74.0	74.1	0.1	0.1%	
1.2%	69.6	69.5	-0.2	-0.2%	
2.5%	68.6	67.9	-1.3	-1.9%	
3.7%	68.1	66.9	-0.7	-1.1%	
4.9%	66.8	66.2	-0.7	-1.0%	
6.2%	66.6	66.2	-0.4	-0.6%	
7.4%	66.5	66.0	-0.5	-0.7%	
8.6%	66.3	66.0	-0.3	-0.5%	
9.9%	66.3	66.0	-0.3	-0.5%	
11.1%	66.2	65.9	-0.4	-0.6%	
12.3%	66.2	65.4	-0.8	-1.2%	
13.6%	65.8	65.2	-0.5	-0.8%	
14.8%	65.1	65.0	-0.1	-0.2%	
16.0%	65.0	65.0	0.0	0.0%	
17.3%	65.0	65.0	0.0	0.0%	
18.5%	64.9	64.9	0.0	0.0%	
19.8%	64.9	64.9	0.0	-0.1%	
21.0%	64.8	64.8	-0.1	-0.1%	
22.2%	64.8	64.7	-0.1	-0.1%	
23.5%	64.7	64.7	0.0	0.0%	
24.7%	64.7	64.6	-0.1	-0.1%	
25.9%	64.7	64.6	-0.1	-0.1%	
27.2%	64.7	64.5	-0.1	-0.2%	
28.4%	64.7	64.3	-0.3	-0.5%	
29.6%	64.7	64.3	-0.3	-0.5%	
30.9%	64.7	64.2	-0.4	-0.7%	
32.1%	64.3	64.2	-0.2	-0.3%	
33.3%	64.2	64.1	-0.1	-0.1%	
34.5%	64.0	64.0	0.1	0.1%	
35.8%	63.9	64.0	0.1	0.1%	
37.0%	63.8	64.0	0.1	0.2%	
38.3%	63.8	63.9	0.1	0.2%	
39.5%	63.7	63.8	0.0	0.0%	
40.7%	63.7	63.7	0.0	0.1%	
42.0%	63.5	63.5	0.1	0.2%	
43.2%	63.5	63.5	0.0	0.0%	
44.4%	63.3	63.5	0.1	0.2%	
45.7%	63.3	63.4	0.1	0.1%	
46.9%	63.3	63.3	0.0	0.0%	
48.1%	63.2	63.2	0.0	0.1%	
49.4%	63.2	63.2	0.0	0.1%	
50.6%	63.1	63.1	0.0	0.0%	
51.9%	63.1	63.1	0.0	0.0%	
53.1%	63.0	63.0	0.0	-0.0%	
54.3%	62.8	63.0	0.1	0.2%	
55.6%	62.8	63.0	0.1	0.2%	
56.8%	62.8	62.9	0.1	0.1%	
58.0%	62.8	62.9	0.1	0.1%	
59.3%	62.8	62.8	0.0	-0.1%	
60.5%	62.8	62.8	0.0	0.0%	
61.7%	62.7	62.8	0.0	0.1%	
63.0%	62.7	62.8	0.1	0.1%	
64.2%	62.7	62.7	0.1	0.1%	
65.4%	62.6	62.6	0.3	0.4%	
66.7%	62.4	62.6	0.2	0.3%	
67.9%	62.3	62.5	0.2	0.3%	
69.1%	62.1	62.5	0.3	0.5%	
70.4%	62.1	62.4	0.3	0.5%	
71.6%	62.0	62.3	0.3	0.5%	
72.8%	62.0	62.3	0.3	0.4%	
74.1%	61.9	62.1	0.2	0.3%	
75.3%	61.7	62.0	0.3	0.5%	
76.5%	61.6	61.8	0.2	0.3%	
77.8%	61.5	61.7	0.2	0.3%	
79.0%	61.4	61.6	0.2	0.4%	
80.2%	61.3				

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Alternative D Compared to No Action Alternative

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	55.0	53.2	49.7	46.3	45.7	47.1	48.8	49.9	50.7	52.0	53.3	55.0
Alternative D	54.1	52.8	49.9	46.5	45.8	47.3	49.1	49.9	50.8	52.0	52.8	54.1
Difference	-0.9	-0.4	0.2	0.2	0.1	0.1	0.3	-0.1	0.1	-0.1	-0.5	-0.9
Percent Difference ²	-1.6%	-0.7%	0.4%	0.5%	0.2%	0.3%	0.6%	-0.1%	0.2%	-0.1%	-1.0%	-1.7%
Water Year Types²												
Wet (32%)												
No Action Alternative	54.4	53.3	49.8	45.7	45.2	46.5	48.2	49.4	50.0	51.5	52.4	53.2
Alternative D	54.0	53.2	50.1	45.9	45.2	46.6	48.3	49.2	50.0	51.6	52.5	52.9
Difference	-0.4	-0.2	0.2	0.1	0.1	0.1	0.1	-0.2	0.0	0.1	0.1	-0.3
Percent Difference	-0.7%	-0.3%	0.5%	0.3%	0.2%	0.2%	0.2%	-0.3%	0.0%	0.2%	0.1%	-0.6%
Above Normal (15%)												
No Action Alternative	53.5	52.7	50.0	46.2	45.6	47.2	48.9	49.8	49.8	51.1	52.7	53.7
Alternative D	52.9	52.4	50.3	46.4	45.7	47.3	49.1	49.9	49.9	51.1	52.7	53.1
Difference	-0.6	-0.3	0.2	0.2	0.1	0.1	0.2	-0.1	0.2	0.0	0.0	-0.5
Percent Difference	-1.1%	-0.5%	0.5%	0.5%	0.2%	0.2%	0.4%	-0.2%	0.3%	0.1%	0.0%	-1.0%
Below Normal (17%)												
No Action Alternative	53.1	52.4	49.9	46.6	45.6	47.0	49.0	49.8	50.3	51.4	52.1	53.8
Alternative D	52.4	52.0	50.0	46.7	45.7	47.0	49.2	49.7	50.4	51.4	52.1	53.2
Difference	-0.7	-0.4	0.1	0.1	0.0	0.0	0.3	-0.1	0.1	0.0	-0.1	-0.6
Percent Difference	-1.3%	-0.8%	0.2%	0.3%	0.1%	0.1%	0.5%	-0.2%	0.3%	0.1%	-0.2%	-1.1%
Dry (22%)												
No Action Alternative	55.3	53.5	49.8	46.8	46.0	47.6	49.0	49.8	50.9	51.7	53.2	55.5
Alternative D	53.8	52.7	49.8	47.0	46.2	47.8	49.5	49.9	51.2	51.8	52.4	54.2
Difference	-1.5	-0.8	0.0	0.2	0.1	0.2	0.5	0.1	0.3	0.1	-0.7	-1.3
Percent Difference	-2.8%	-1.5%	0.0%	0.5%	0.2%	0.5%	1.0%	0.3%	0.5%	0.2%	-1.4%	-2.3%
Critical (15%)												
No Action Alternative	59.6	53.6	48.8	46.6	46.4	48.1	49.7	51.5	53.2	55.5	57.4	61.1
Alternative D	57.9	53.3	49.4	47.0	46.7	48.3	50.1	51.4	53.0	54.5	54.9	58.6
Difference	-1.7	-0.2	0.6	0.4	0.3	0.2	0.4	-0.1	-0.1	-0.9	-2.6	-2.5
Percent Difference	-2.8%	-0.4%	1.2%	0.9%	0.6%	0.5%	0.9%	-0.1%	-0.2%	-1.7%	-4.5%	-4.1%

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

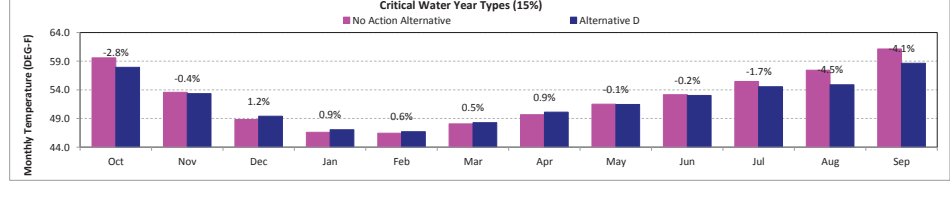
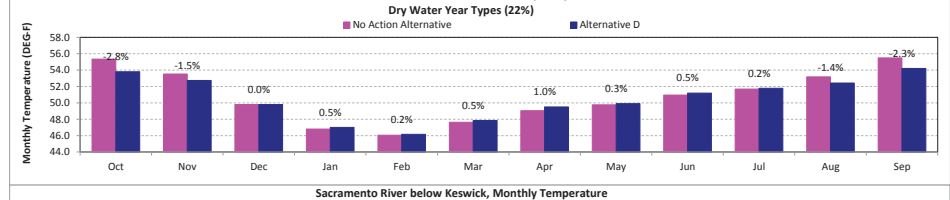
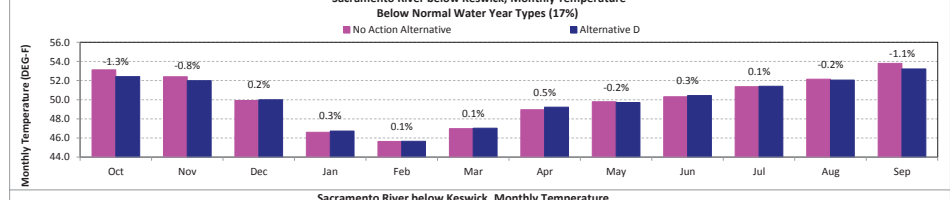
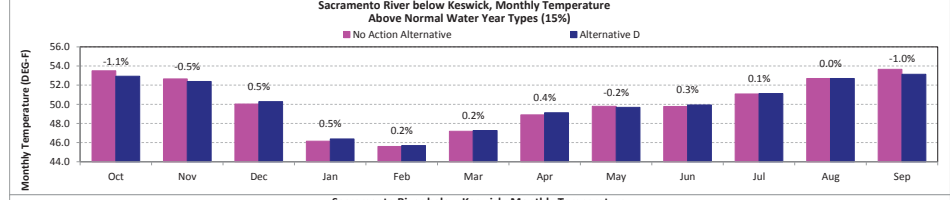
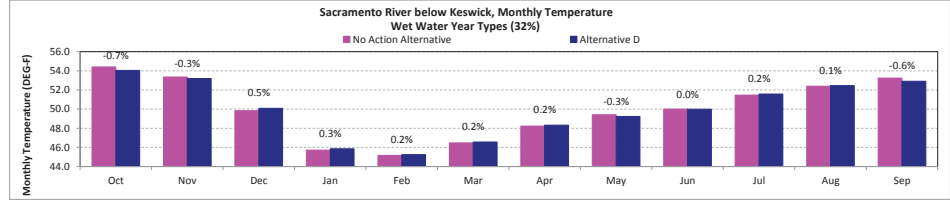
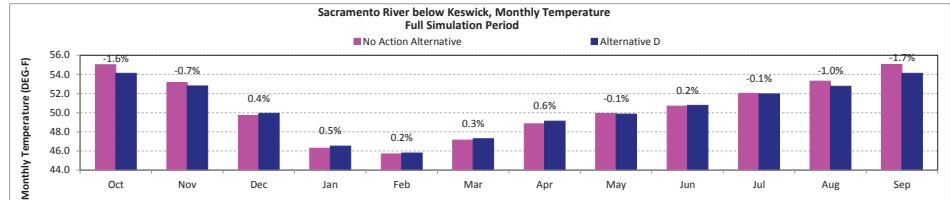


Figure SQ-02-9b
 Sacramento River below Keswick, Monthly Temperature
 Probability of Exceedance

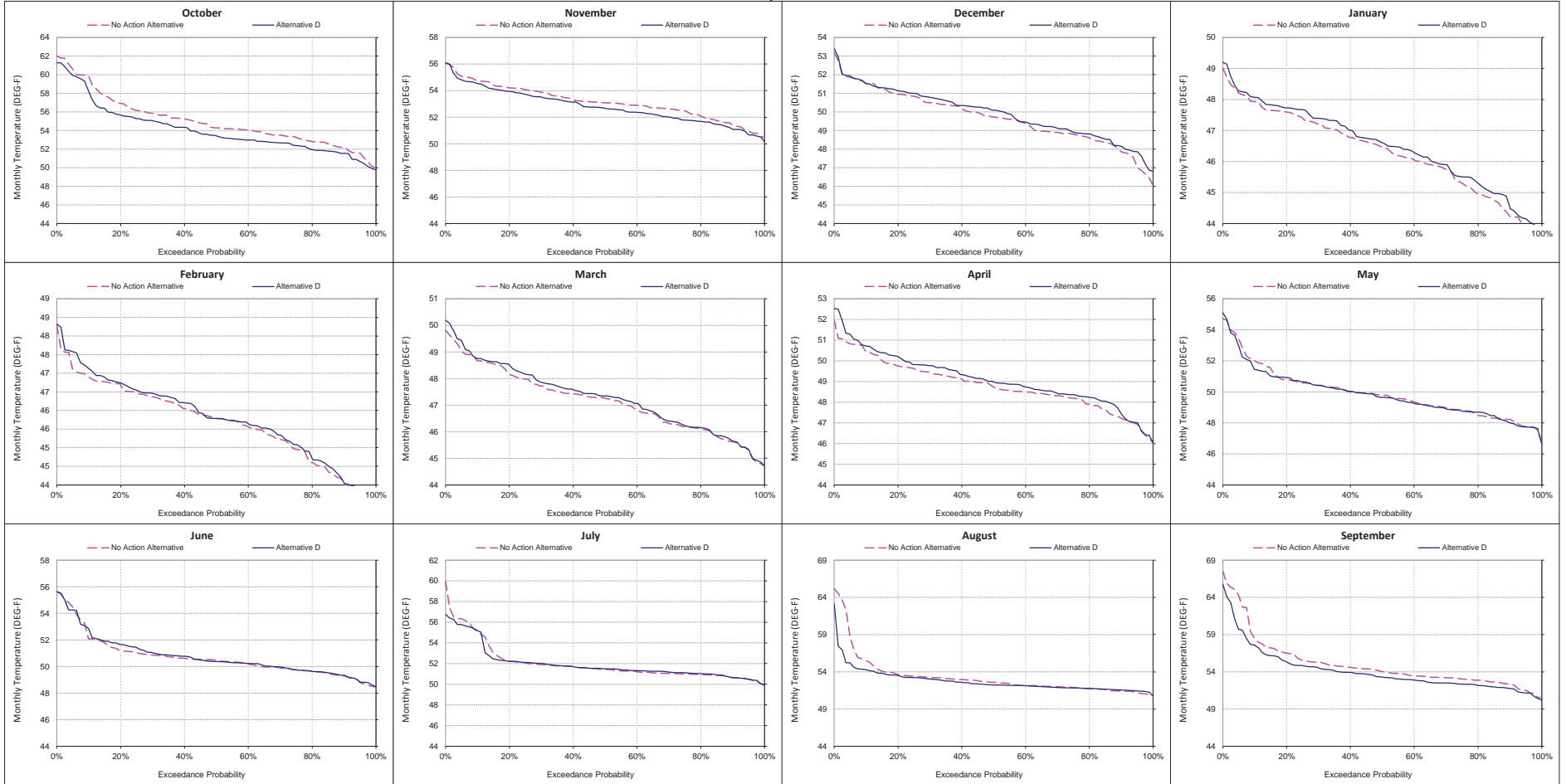


Table SQ-02-9b
Sacramento River below Keswick, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	62.0	61.3	-0.7	-1.2%
1.2%	61.8	61.3	-0.5	-0.8%
2.5%	61.8	61.3	-0.5	-0.8%
3.7%	61.1	60.4	-0.7	-1.2%
4.9%	60.6	59.9	-0.7	-1.1%
6.2%	60.0	59.8	-0.2	-0.4%
7.4%	60.0	59.6	-0.4	-0.7%
8.6%	60.0	59.3	-0.6	-1.1%
9.9%	59.9	59.7	-1.6	-2.7%
11.1%	58.9	57.3	-1.5	-2.6%
12.3%	58.5	56.6	-1.8	-3.1%
13.6%	58.0	56.4	-1.6	-2.8%
14.8%	57.7	56.4	-1.3	-2.3%
16.0%	57.6	56.0	-1.6	-2.8%
17.3%	57.3	56.0	-1.3	-2.3%
18.5%	57.0	55.8	-1.3	-2.2%
19.8%	56.9	55.7	-1.2	-2.2%
21.0%	56.9	55.5	-1.3	-2.3%
22.2%	56.5	55.5	-1.0	-1.7%
23.5%	56.3	55.5	-0.9	-1.6%
24.7%	56.2	55.3	-0.9	-1.5%
25.9%	55.8	55.3	-0.8	-1.5%
27.2%	56.1	55.1	-0.9	-1.7%
28.4%	55.9	55.1	-0.8	-1.5%
29.6%	55.9	55.1	-0.8	-1.4%
30.9%	55.8	55.0	-0.8	-1.4%
32.1%	55.6	54.9	-0.8	-1.4%
33.3%	55.6	54.7	-0.9	-1.6%
34.5%	54.9	54.7	-0.9	-1.7%
35.8%	55.4	54.5	-0.8	-1.5%
37.0%	55.3	54.4	-1.0	-1.8%
38.3%	55.3	54.4	-1.0	-1.7%
39.5%	55.3	54.3	-0.9	-1.7%
40.7%	55.2	54.3	-0.9	-1.6%
42.0%	55.1	53.9	-1.2	-2.1%
43.2%	55.0	53.9	-1.0	-1.9%
44.4%	54.9	53.8	-1.1	-2.0%
45.7%	54.7	53.6	-1.1	-2.1%
46.9%	54.7	53.6	-1.1	-2.1%
48.1%	54.4	53.5	-0.9	-1.6%
49.4%	54.3	53.5	-0.8	-1.4%
50.6%	54.3	53.4	-0.9	-1.7%
51.9%	54.2	53.2	-1.0	-1.8%
53.1%	54.2	53.2	-1.0	-1.9%
54.3%	54.2	53.1	-1.0	-1.9%
55.6%	54.2	53.1	-1.1	-2.0%
56.8%	54.2	53.1	-1.1	-2.0%
58.0%	54.1	53.0	-1.1	-2.0%
59.3%	54.1	53.0	-1.1	-2.0%
60.5%	54.0	53.0	-1.0	-1.8%
61.7%	54.0	53.0	-1.0	-1.8%
63.0%	53.9	52.8	-1.0	-1.9%
64.2%	53.9	52.8	-1.0	-1.9%
65.4%	53.7	52.8	-0.9	-1.7%
66.7%	53.6	52.8	-0.8	-1.6%
67.9%	53.5	52.7	-0.8	-1.5%
69.1%	53.5	52.7	-0.8	-1.5%
70.4%	53.5	52.7	-0.8	-1.5%
71.6%	53.4	52.7	-0.7	-1.4%
72.8%	53.4	52.6	-0.7	-1.3%
74.1%	53.4	52.4	-1.0	-1.8%
75.3%	53.2	52.4	-0.8	-1.6%
76.5%	53.1	52.3	-0.7	-1.4%
77.8%	52.9	52.3	-0.6	-1.2%
79.0%	52.9	52.2	-0.9	-1.6%
80.2%	52.8	51.9	-0.9	-1.6%
81.5%	52.8	51.9	-0.9	-1.7%
82.7%	52.7	51.9	-0.9	-1.7%
84.0%	52.7	51.8	-0.9	-1.7%
85.2%	52.5	51.8	-0.8	-1.5%
86.4%	52.4	51.7	-0.7	-1.2%
87.7%	52.3	51.7	-0.6	-1.1%
88.9%	52.2	51.6	-0.6	-1.2%
90.1%	52.2	51.6	-0.6	-1.2%
91.4%	51.8	51.5	-0.3	-0.6%
92.6%	51.6	50.9	-0.7	-1.4%
93.8%	51.6	50.9	-0.7	-1.4%
95.1%	51.5	50.7	-0.9	-1.7%
96.3%	51.4	51.0	-0.4	-0.8%
97.5%	50.6	50.1	-0.5	-0.9%
98.8%	50.1	49.9	-0.3	-0.5%
100.0%	50.0	49.8	-0.0	-0.4%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	56.1	56.1	0.0	0.0%
1.2%	56.0	56.0	0.0	0.0%
2.5%	55.7	55.3	-0.4	-0.7%
3.7%	55.7	55.3	-0.3	-0.5%
4.9%	55.1	54.8	-0.3	-0.5%
6.2%	55.0	54.8	-0.3	-0.6%
7.4%	55.0	54.7	-0.3	-0.6%
8.6%	54.9	54.6	-0.3	-0.5%
9.9%	54.7	54.5	-0.2	-0.3%
11.1%	54.7	54.5	-0.2	-0.4%
12.3%	54.7	54.5	-0.2	-0.6%
13.6%	54.7	54.2	-0.5	-0.9%
14.8%	54.4	54.1	-0.3	-0.5%
16.0%	54.3	54.1	-0.2	-0.5%
17.3%	54.3	54.0	-0.3	-0.5%
18.5%	54.3	54.0	-0.3	-0.7%
19.8%	54.2	53.9	-0.3	-0.5%
21.0%	54.2	53.9	-0.3	-0.5%
22.2%	54.2	53.8	-0.3	-0.6%
23.5%	54.2	53.8	-0.4	-0.7%
24.7%	54.1	53.7	-0.3	-0.6%
25.9%	54.0	53.6	-0.4	-0.7%
27.2%	54.0	53.6	-0.4	-0.7%
28.4%	54.0	53.5	-0.4	-0.8%
29.6%	53.9	53.5	-0.4	-0.7%
30.9%	53.8	53.5	-0.4	-0.7%
32.1%	53.8	53.4	-0.4	-0.7%
33.3%	53.6	53.4	-0.3	-0.5%
34.5%	53.6	53.4	-0.3	-0.5%
35.8%	53.6	53.3	-0.3	-0.6%
37.0%	53.5	53.2	-0.2	-0.4%
38.3%	53.4	53.2	-0.3	-0.5%
39.5%	53.4	53.1	-0.2	-0.4%
40.7%	53.2	53.1	-0.1	-0.2%
42.0%	53.2	53.0	-0.2	-0.4%
43.2%	53.2	52.8	-0.4	-0.8%
44.4%	53.2	52.8	-0.4	-0.7%
45.7%	53.1	52.8	-0.4	-0.7%
46.9%	53.1	52.8	-0.4	-0.7%
48.1%	53.1	52.7	-0.4	-0.7%
49.4%	53.1	52.7	-0.4	-0.7%
50.6%	53.1	52.6	-0.4	-0.8%
51.9%	53.1	52.6	-0.5	-0.9%
53.1%	53.1	52.6	-0.5	-0.9%
54.3%	53.0	52.6	-0.5	-0.9%
55.6%	53.0	52.5	-0.5	-0.9%
56.8%	52.9	52.4	-0.5	-1.0%
58.0%	52.9	52.4	-0.5	-1.0%
59.3%	52.9	52.4	-0.5	-1.0%
60.5%	52.9	52.4	-0.5	-1.0%
61.7%	52.9	52.3	-0.6	-1.0%
63.0%	52.8	52.3	-0.5	-1.0%
64.2%	52.7	52.3	-0.5	-0.9%
65.4%	52.7	52.2	-0.5	-0.9%
66.7%	52.7	52.2	-0.5	-1.0%
67.9%	52.7	52.1	-0.6	-1.1%
69.1%	52.7	52.0	-0.6	-1.2%
70.4%	52.6	52.0	-0.6	-1.2%
71.6%	52.6	51.9	-0.7	-1.3%
72.8%	52.5	51.9	-0.6	-1.2%
74.1%	52.5	51.8	-0.7	-1.4%
75.3%	52.5	51.8	-0.7	-1.3%
76.5%	52.3	51.8	-0.5	-1.0%
77.8%	52.2	51.7	-0.5	-0.9%
79.0%	52.2	51.7	-0.5	-0.9%
80.2%	52.1	51.7	-0.4	-0.7%
81.5%	51.9	51.6	-0.3	-0.6%
82.7%	51.9	51.6	-0.2	-0.5%
84.0%	51.8	51.5	-0.3	-0.6%
85.2%	51.7	51.5	-0.3	-0.5%
86.4%	51.7	51.4	-0.3	-0.5%
87.7%	51.6	51.3	-0.3	-0.5%
88.9%	51.6	51.2	-0.3	-0.7%
90.1%	51.4	51.1	-0.3	-0.6%
91.4%	51.3	51.1	-0.2	-0.4%
92.6%	51.3	51.1	-0.2	-0.4%
93.8%	51.0	50.9	-0.1	-0.2%
95.1%	50.9	50.7	-0.3	-0.6%
96.3%	50.8	50.4	-0.4	-0.8%
97.5%	50.8	50.6	-0.2	-0.4%
98.8%	50.6	50.5	-0.1	-0.1%
100.0%	50.5	50.2	-0.3	-0.6%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.2	53.4	0.2	0.4%
1.2%	52.8	53.0	0.2	0.4%
2.5%	52.1	52.9	-0.1	-0.1%
3.7%	51.9	52.0	0.0	0.0%
4.9%	51.9	51.9	0.1	0.2%
6.2%	51.8	51.8	0.0	0.0%
7.4%	51.7	51.8	0.1	0.1%
8.6%	51.7	51.7	0.0	0.0%
9.9%	51.5	51.5	0.0	0.0%
11.1%	51.5	51.5	0.0	-0.1%
12.3%	51.5	51.4	-0.1	-0.3%
13.6%	51.3	51.3	0.0	0.0%
14.8%	51.2	51.3	0.1	0.1%
16.0%	51.2	51.3	0.1	0.1%
17.3%	51.1	51.2	0.2	0.4%
18.5%	51.0	51.2	0.2	0.5%
19.8%	51.0	51.1	0.2	0.4%
21.0%	50.9	51.1	0.2	0.3%
22.2%	50.9	51.1	0.2	0.3%
23.5%	50.9	51.0	0.1	0.3%
24.7%	50.9	51.0	0.1	0.3%
25.9%	50.8	50.9	0.2	0.4%
27.2%	50.7	50.9	0.1	0.2%
28.4%	50.5	50.8	0.3	0.6%
29.6%	50.5	50.8	0.3	0.6%
30.9%	50.5	50.8	0.3	0.5%
32.1%	50.5	50.7	0.2	0.5%
33.3%	50.4	50.7	0.3	0.5%
34.5%	50.4	50.6	0.2	0.5%
35.8%	50.4	50.6	0.2	0.4%
37.0%	50.3	50.5	0.2	0.3%
38.3%	50.3	50.4	0.0	0.1%
39.5%	50.3	50.3	0.0	0.1%
40.7%	50.1	50.3	0.3	0.5%
42.0%	50.0	50.3	0.3	0.6%
43.2%	50.0	50.3	0.3	0.6%
44.4%	50.0	50.3	0.3	0.6%
45.7%	49.9	50.3	0.3	0.7%
46.9%	49.8	50.2	0.4	0.8%
48.1%	49.8	50.2	0.4	0.8%
49.4%	49.7	50.1	0.4	0.8%
50.6%	49.7	50.1	0.4	0.7%
51.9%	49.7	50.0	0.4	0.8%
53.1%	49.7	50.0	0.3	0.7%
54.3%	49.6	49.9	0.3	0.6%
55.6%	49.6	49.9	0.3	0.5%
56.8%	49.6	49.6	0.1	0.1%
58.0%	49.5	49.5	0.0	-0.1%
59.3%	49.4	49.5	0.1	0.1%
60.5%	49.4	49.4	0.1	0.1%
61.7%	49.2	49.3	0.2	0.4%
63.0%	49.0	49.3	0.3	0.7%
64.2%	49.0	49.3	0.3	0.7%
65.4%	49.0	49.2	0.3	0.5%
66.7%	48.9	49.2	0.3	0.6%
67.9%	48.9	49.2	0.3	0.6%
69.1%	48.9	49.2	0.3	0.5%
70.4%	48.9	49.1	0.2	0.4%
71.6%	48.8	49.1	0.2	0.5%
72.8%	48.8	49.1	0.2	0.5%
74.1%	48.8	49.0	0.1	0.3%
75.3%	48.8	48.9	0.1	0.2%
76.5%	48.7	48.9	0.1	0.2%
77.8%	48.7	48.8	0.1	0.3%
79.0%	48.7	48.8	0.2	0.3%
80.2%	48.6	48.8	0.2	0.5%
81.5%	48.5	48.7	0.3	0.5%
82.7%	48.4	48.7	0.2	0.5%
84.0%	48.4	48.6	0.2	0.4%
85.2%	48.4	48.5	0.2	0.4%
86.4%	48.3	48.5	0.2	0.4%
87.7%	48.2	48.3	0.0	0.0%
88.9%	48.0	48.2	0.2	0.3%
90.1%	47.8	48.1	0.3	0.6%
91.4%	47.8	48.0	0.2	0.4%
92.6%	47.8	47.9	0.2	0.4%
93.8%	47.5	47.9	0.3	0.7%
95.1%	47.0	47.9	0.8	1.6%
96.3%	46.9	47.6	0.7	1.6%
97.5%	46.7	47.2	0.5	1.2%
98.8%	46.5	46.9	0.4	0.9%
100.0%	46.0	46.8	0.8	1.7%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.3	48.3	0.0	0.1%	
1.2%	47.6	48.2	0.6	1.2%	
2.5%	47.6	47.6	0.1	0.1%	
3.7%	47.6	47.6	0.1	0.1%	
4.9%	47.1	47.6	0.5	1.0%	
6.2%	47.0	47.5	0.5	1.1%	
7.4%	47.0	47.3	0.3	0.6%	
8.6%	47.0	47.2	0.2	0.5%	
9.9%	46.9	47.1	0.2	0.5%	
11.1%	46.8	47.1	0.2	0.5%	
12.3%	46.8	46.9	0.2	0.3%	
13.6%	46.8	46.9	0.1	0.3%	
14.8%	46.8	46.9	0.1	0.3%	
16.0%	46.8	46.8	0.1	0.1%	
17.3%	46.7	46.8	0.1	0.2%	
18.5%	46.7	46.8	0.0	0.1%	
19.8%	46.7	46.8	0.0	0.1%	
21.0%	46.5	46.7	0.2	0.4%	
22.2%	46.5	46.6	0.1	0.3%	
23.5%	46.5	46.6	0.1	0.2%	
24.7%	46.5	46.6	0.1	0.1%	
25.9%	46.5	46.6	0.1	0.2%	
27.2%	46.4	46.5	0.1	0.2%	
28.4%	46.4	46.5	0.1	0.2%	
29.6%	46.4	46.5	0.1	0.2%	
30.9%	46.4	46.4	0.1	0.2%	
32.1%	46.3	46.4	0.1	0.2%	
33.3%	46.3	46.4	0.1	0.2%	
34.5%	46.2	46.4	0.3	0.3%	
35.8%	46.2	46.3	0.1	0.2%	
37.0%	46.2	46.3	0.2	0.3%	
38.3%	46.1	46.2	0.1	0.2%	
39.5%	46.1	46.2	0.2	0.3%	
40.7%	46.0	46.2	0.2	0.3%	
42.0%	46.0	46.2	0.2	0.4%	
43.2%	46.0	46.1	0.1	0.3%	
44.4%	45.9	46.1	0.1	0.1%	
45.7%	45.9	46.0	0.0	0.1%	
46.9%	45.9	45.8	-0.1	-0.1%	
48.1%	45.8	45.8	0.0	-0.1%	
49.4%	45.8	45.8	0.0	0.0%	
50.6%	45.8	45.8	0.0	0.0%	
51.9%	45.8	45.8	0.0	0.0%	
53.1%	45.8	45.7	0.0	0.0%	
54.3%	45.7	45.7	0.0	0.0%	
55.6%	45.7	45.7	0.0	0.0%	
56.8%	45.7	45.7	0.0	0.0%	
58.0%	45.6	45.7	0.1	0.2%	
59.3%	45.6	45.7	0.1	0.2%	
60.5%	45.5	45.6	0.1	0.2%	
61.7%	45.5	45.6	0.1	0.2%	
63.0%	45.5	45.6	0.1	0.2%	
64.2%	45.5	45.6	0.0	0.1%	
65.4%	45.4	45.6	0.2	0.3%	
66.7%	45.3	45.5	0.2	0.4%	
67.9%	45.3	45.4	0.2	0.3%	
69.1%	45.2	45.4	0.1	0.3%	
70.4%	45.2	45.3	0.1	0.3%	
71.6%	45.2	45.2	0.0	0.1%	
72.8%	45.1	45.2	0.1	0.2%	
74.1%	45.0	45.1	0.1	0.3%	
75.3%	45.0	45.1	0.1	0.3%	
76.5%	44.9	45.0	0.1	0.1%	
77.8%	44.9	44.9	0.0	0.1%	
79.0%	44.6	44.9	0.3	0.6%	
80.2%	44.6	44.7	0.1	0.2%	
81.5%	44.5	44.7	0.2	0.3%	
82.7%	44.5	44.6	0.1	0.3%	
84.0%	44.5	44.6	0.1	0.2%	
85.2%	44.3	44.5	0.2	0.3%	
86.4%	44.3	44.4	0.2	0.4%	
87.7%	44.2	44.3	0.1	0.3%	
88.9%	44.2	44.2	0.0	0.1%	
90.1%	44.0	44.0	0.0	0.1%	
91.4%	44.0	44.0	0.0	0.0%	
92.6%	44.0	44.0	0.0	0.0%	
93.8%	43.9	44.0	0.1	0.1%	
95.1%	43.9	43.9	0.0	0.1%	
96.3%	43.6	43.7	0.1	0.3%	
97.5%	43.6	43.6	0.0	-0.1%	
98.8%	43.4	43.5	0.1	0.2%	
100.0%	43.1	43.1	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	49.8	50.2	0.4	0.8%	
1.2%	49.6	50.1	0.4	0.9%	
2.5%	49.5	49.8	0.3	0.7%	
3.7%	49.3	49.7	0.2	0.4%	
4.9%	49.0	49.4	0.4	0.8%	
6.2%	48.9	49.1	0.2	0.4%	
7.4%	48.9	49.0	0.1	0.3%	
8.6%	48.9	48.8	0.0	0.0%	
9.9%	48.7	48.8	0.1	0.2%	
11.1%	48.7	48.8	0.1	0.2%	
12.3%	48.6	48.7	0.1	0.1%	
13.6%	48.6	48.7	0.0	0.1%	
14.8%	48.6	48.6	0.1	0.1%	
16.0%	48.5	48.6	0.1	0.3%	
17.3%	48.5	48.6	0.1	0.2%	
18.5%	48.4	48.6	0.2	0.4%	
19.8%	48.2	48.5	0.4	0.8%	
21.0%	48.1	48.4	0.3	0.5%	
22.2%	48.1	48.3	0.2	0.5%	
23.5%	48.0	48.2	0.2	0.5%	
24.7%	48.0	48.2	0.2	0.4%	
25.9%	48.0	48.2	0.2	0.5%	
27.2%	47.8	48.1	0.3	0.7%	
28.4%	47.8	47.9	0.2	0.3%	
29.6%	47.7	47.9	0.2	0.3%	
30.9%	47.7	47.8	0.1	0.3%	
32.1%	47.6	47.8	0.2	0.5%	
33.3%	47.6	47.8	0.2	0.4%	
34.5%	47.5	47.7	0.2	0.5%	
35.8%	47.5	47.7	0.2	0.4%	
37.0%	47.5	47.6	0.2	0.4%	
38.3%	47.4	47.6	0.2	0.4%	
39.5%	47.4	47.6	0.2	0.4%	
40.7%	47.4	47.5	0.1	0.3%	
42.0%	47.4	47.5	0.1	0.3%	
43.2%	47.4	47.4	0.1	0.1%	
44.4%	47.3	47.4	0.1	0.2%	
45.7%	47.3	47.4	0.1	0.3%	
46.9%	47.3	47.4	0.1	0.3%	
48.1%	47.3	47.4	0.1	0.2%	
49.4%	47.3	47.3	0.1	0.1%	
50.6%	47.2	47.3	0.1	0.2%	
51.9%	47.2	47.3	0.1	0.2%	
53.1%	47.2	47.3	0.1	0.3%	
54.3%	47.2	47.3	0.1	0.3%	
55.6%	47.0	47.2	0.2	0.4%	
56.8%	47.0	47.2	0.2	0.4%	
58.0%	47.0	47.1	0.2	0.3%	
59.3%	46.9	47.1	0.2	0.4%	
60.5%	46.8	47.1	0.3	0.6%	
61.7%	46.7	46.9	0.1	0.3%	
63.0%	46.7	46.8	0.1	0.3%	
64.2%	46.7	46.8	0.1	0.2%	
65.4%	46.7	46.7	0.0	0.1%	
66.7%	46.6	46.6	0.0	0.1%	
67.9%	46.4	46.5	0.1	0.3%	
69.1%	46.4	46.4	0.1	0.2%	
70.4%	46.3	46.4	0.1	0.2%	
71.6%	46.3	46.4	0.1	0.2%	
72.8%	46.3	46.4	0.1	0.2%	
74.1%	46.2	46.3	0.1	0.2%	
75.3%	46.2	46.2	0.0	0.1%	
76.5%	46.2	46.2	0.0	0.0%	
77.8%	46.1	46.2	0.0	0.0%	
79.0%	46.1	46.2	0.0	0.1%	
80.2%	46.1	46.1	0.1	0.1%	
81.5%	46.1	46.1	0.0	0.1%	
82.7%	46.0	46.1	0.1	0.3%	
84.0%	45.9	45.9	0.0	-0.1%	
85.2%	45.8	45.8	0.0	0.1%	
86.4%	45.7	45.8	0.1	0.2%	
87.7%	45.7	45.8	0.1	0.2%	
88.9%	45.6	45.7	0.1	0.2%	
90.1%	45.6	45.6	0.0	0.0%	
91.4%	45.6	45.6	0.0	0.1%	
92.6%	45.4	45.4	0.0	0.0%	
93.8%	45.4	45.4	0.0	0.0%	
95.1%	45.3	45.3	0.0	0.1%	
96.3%	45.1	45.2	0.1	0.2%	
97.5%	44.8	44.9	0.1	0.2%	
98.8%	44.8	44.9	0.1	0.1%	
100.0%	44.7	44.7	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	52.0	52.5	0.6	1.1%	
1.2%	51.1	52.5	1.4	2.7%	
2.5%	51.1	51.9	0.9	1.7%	
3.7%	50.9	51.3	0.4	0.8%	
4.9%	50.8	51.3	0.5	0.9%	
6.2%	50.8	51.1	0.3	0.5%	
7.4%	50.8	51.0	0.2	0.4%	
8.6%	50.8	50.8	0.0	0.1%	
9.9%	50.4	50.7	0.3	0.5%	
11.1%	50.4	50.7	0.3	0.6%	
12.3%	50.3	50.6	0.3	0.5%	
13.6%	50.3	50.4	0.2	0.3%	
14.8%	50.0	50.4	0.4	0.7%	
16.0%	49.9	50.4	0.5	1.0%	
17.3%	49.9	50.3	0.4	0.8%	
18.5%	49.8	50.2	0.4	0.8%	
19.8%	49.8	50.2	0.5	0.9%	
21.0%	49.7	50.1	0.4	0.8%	
22.2%	49.7	50.0	0.3	0.5%	
23.5%	49.7	49.9	0.3	0.6%	
24.7%	49.6	49.8	0.2	0.3%	
25.9%	49.5	49.8	0.3	0.6%	
27.2%	49.5	49.8	0.3	0.6%	
28.4%	49.5	49.8	0.3	0.7%	
29.6%	49.5	49.8	0.3	0.6%	
30.9%	49.4	49.8	0.4	0.8%	
32.1%	49.4	49.7	0.3	0.7%	
33.3%	49.3	49.7	0.4	0.7%	
34.5%	49.3	49.7	0.4	0.8%	
35.8%	49.3	49.6	0.3	0.7%	
37.0%	49.2	49.5	0.3	0.7%	
38.3%	49.2	49.5	0.3	0.7%	
39.5%	49.2	49.3	0.2	0.3%	
40.7%	49.0	49.3	0.3	0.6%	
42.0%	49.0	49.2	0.2	0.5%	
43.2%	49.0	49.2	0.2	0.4%	
44.4%	49.0	49.1	0.2	0.4%	
45.7%	48.9	49.1	0.2	0.4%	
46.9%	48.9	49.1	0.2	0.3%	
48.1%	48.9	49.0	0.1	0.2%	
49.4%	48.9	49.0	0.2	0.4%	
50.6%	48.7	48.9	0.3	0.6%	
51.9%	48.6	48.9	0.3	0.6%	
53.1%	48.6	48.9	0.3	0.7%	
54.3%	48.6	48.9	0.3	0.6%	
55.6%	48.5	48.9	0.3	0.7%	
56.8%	48.5	48.9	0.3	0.7%	
58.0%	48.5	48.9	0.3	0.7%	
59.3%	48.5	48.8	0.2	0.5%	
60.5%	48.5	48.7	0.2	0.5%	
61.7%	48.5	48.7	0.2	0.4%	
63.0%	48.4	48.6	0.2	0.4%	
64.2%	48.4	48.6	0.2	0.4%	
65.4%	48.4	48.6	0.1	0.3%	
66.7%	48.4	48.5	0.2	0.4%	
67.9%	48.4	48.5	0.2	0.4%	
69.1%	48.3	48.5	0.2	0.3%	
70.4%	48.3	48.4	0.1	0.2%	
71.6%	48.3	48.4	0.1	0.3%	
72.8%	48.3	48.4	0.1	0.3%	
74.1%	48.2	48.4	0.2	0.3%	
75.3%	48.2	48.4	0.2	0.4%	
76.5%	48.1	48.3	0.2	0.3%	
77.8%	48.1	48.3	0.2	0.4%	
79.0%	47.9	48.3	0.4	0.7%	
80.2%	47.9				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	55.6	55.6	0.0	0.0%	
1.2%	55.5	55.0	-0.5	-0.9%	
2.5%	55.0	55.0	0.0	-0.1%	
3.7%	54.8	54.2	-0.6	-1.0%	
4.9%	54.5	54.2	-0.2	-0.4%	
6.2%	53.9	54.2	0.3	0.6%	
7.4%	53.5	53.2	-0.4	-0.7%	
8.6%	53.3	53.1	-0.2	-0.4%	
9.9%	52.1	52.9	0.8	1.5%	
11.1%	52.3	52.2	-0.1	0.2%	
12.3%	52.0	52.1	0.1	0.2%	
13.6%	51.9	52.0	0.1	0.2%	
14.8%	51.8	51.9	0.1	0.2%	
16.0%	51.6	51.9	0.3	0.6%	
17.3%	51.4	51.8	0.4	0.7%	
18.5%	51.4	51.8	0.4	0.8%	
19.8%	51.2	51.7	0.5	0.9%	
21.0%	51.2	51.6	0.5	0.9%	
22.2%	51.1	51.5	0.4	0.8%	
23.5%	51.1	51.5	0.4	0.7%	
24.7%	51.0	51.5	0.4	0.8%	
25.9%	51.0	51.3	0.3	0.6%	
27.2%	50.9	51.2	0.3	0.6%	
28.4%	50.9	51.1	0.2	0.3%	
29.6%	50.9	51.1	0.2	0.4%	
30.9%	50.8	51.0	0.1	0.3%	
32.1%	50.8	50.9	0.1	0.2%	
33.3%	50.8	50.9	0.1	0.1%	
34.5%	50.8	50.9	0.1	0.3%	
35.8%	50.7	50.8	0.1	0.2%	
37.0%	50.7	50.8	0.1	0.3%	
38.3%	50.6	50.8	0.1	0.3%	
39.5%	50.6	50.8	0.2	0.3%	
40.7%	50.6	50.8	0.2	0.3%	
42.0%	50.5	50.7	0.2	0.3%	
43.2%	50.5	50.5	0.0	0.0%	
44.4%	50.5	50.5	0.0	0.0%	
45.7%	50.5	50.5	-0.1	-0.1%	
46.9%	50.5	50.4	-0.1	-0.2%	
48.1%	50.5	50.4	-0.1	-0.2%	
49.4%	50.5	50.4	-0.1	-0.3%	
50.6%	50.4	50.4	-0.1	-0.1%	
51.9%	50.4	50.4	0.0	0.0%	
53.1%	50.4	50.3	-0.1	-0.1%	
54.3%	50.3	50.3	0.0	-0.1%	
55.6%	50.3	50.3	-0.1	-0.1%	
56.8%	50.3	50.3	0.0	-0.1%	
58.0%	50.3	50.3	0.0	-0.1%	
59.3%	50.2	50.2	0.0	0.0%	
60.5%	50.2	50.2	0.1	0.1%	
61.7%	50.1	50.2	0.1	0.2%	
63.0%	50.0	50.2	0.2	0.4%	
64.2%	50.0	50.1	0.1	0.3%	
65.4%	50.0	50.0	0.0	0.1%	
66.7%	50.0	50.0	0.1	0.1%	
67.9%	49.9	50.0	0.0	0.1%	
69.1%	49.9	50.0	0.0	0.1%	
70.4%	49.9	49.9	0.1	0.1%	
71.6%	49.9	49.9	0.0	0.0%	
72.8%	49.9	49.8	-0.1	-0.1%	
74.1%	49.8	49.8	0.0	0.1%	
75.3%	49.8	49.7	-0.1	-0.1%	
76.5%	49.7	49.7	0.0	0.0%	
77.8%	49.7	49.7	0.0	0.0%	
79.0%	49.7	49.7	0.0	0.0%	
80.2%	49.6	49.6	0.0	0.0%	
81.5%	49.6	49.6	0.0	0.1%	
82.7%	49.6	49.6	0.0	0.1%	
84.0%	49.5	49.6	0.0	0.1%	
85.2%	49.5	49.5	0.1	0.1%	
86.4%	49.4	49.5	0.1	0.2%	
87.7%	49.4	49.4	0.1	0.1%	
88.9%	49.3	49.3	0.0	0.1%	
90.1%	49.3	49.3	0.1	0.1%	
91.4%	49.2	49.2	-0.1	-0.1%	
92.6%	49.1	49.1	0.0	0.0%	
93.8%	49.1	49.1	0.0	0.0%	
95.1%	48.9	48.8	-0.1	-0.1%	
96.3%	48.7	48.8	0.1	0.3%	
97.5%	48.6	48.6	0.2	0.4%	
98.8%	48.5	48.6	0.1	0.1%	
100.0%	48.4	48.5	0.0	0.1%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.9	56.7	-3.2	-5.3%	
1.2%	57.4	56.4	-1.0	-1.7%	
2.5%	56.5	56.3	-0.2	-0.4%	
3.7%	56.4	56.4	-0.6	-1.0%	
4.9%	56.3	55.8	-0.6	-1.0%	
6.2%	56.2	55.6	-0.6	-0.9%	
7.4%	55.9	55.5	-0.4	-0.7%	
8.6%	55.4	55.4	0.1	0.1%	
9.9%	55.2	55.2	0.1	0.1%	
11.1%	54.9	55.0	0.2	0.4%	
12.3%	54.6	53.1	-1.5	-2.8%	
13.6%	53.7	52.8	-1.0	-1.8%	
14.8%	53.1	52.5	-0.6	-1.2%	
16.0%	52.8	52.4	-0.4	-0.8%	
17.3%	52.5	52.3	-0.2	-0.4%	
18.5%	52.3	52.3	-0.1	-0.1%	
19.8%	52.3	52.2	-0.1	-0.1%	
21.0%	52.2	52.2	0.0	0.0%	
22.2%	52.2	52.2	0.0	0.1%	
23.5%	52.1	52.2	0.0	0.1%	
24.7%	52.1	52.1	0.0	0.0%	
25.9%	52.0	52.0	0.1	0.2%	
27.2%	52.0	52.1	0.1	0.2%	
28.4%	52.0	52.0	0.1	0.1%	
29.6%	51.9	52.0	0.1	0.2%	
30.9%	51.9	52.0	0.1	0.2%	
32.1%	51.9	51.9	0.0	0.1%	
33.3%	51.8	51.8	0.1	0.1%	
34.5%	51.8	51.8	0.1	0.1%	
35.8%	51.8	51.8	0.0	0.1%	
37.0%	51.7	51.8	0.0	0.0%	
38.3%	51.7	51.8	0.0	0.1%	
39.5%	51.7	51.7	0.0	0.0%	
40.7%	51.7	51.6	-0.1	-0.1%	
42.0%	51.6	51.6	0.1	0.1%	
43.2%	51.6	51.6	0.0	0.0%	
44.4%	51.6	51.6	0.0	0.0%	
45.7%	51.5	51.5	0.0	0.0%	
46.9%	51.5	51.5	0.0	0.0%	
48.1%	51.5	51.5	0.1	0.2%	
49.4%	51.4	51.5	0.1	0.1%	
50.6%	51.4	51.5	0.1	0.1%	
51.9%	51.4	51.5	0.1	0.1%	
53.1%	51.3	51.5	0.1	0.3%	
54.3%	51.3	51.4	0.1	0.3%	
55.6%	51.3	51.4	0.1	0.2%	
56.8%	51.3	51.4	0.1	0.2%	
58.0%	51.3	51.3	0.1	0.1%	
59.3%	51.3	51.3	0.1	0.1%	
60.5%	51.2	51.3	0.1	0.2%	
61.7%	51.2	51.3	0.1	0.3%	
63.0%	51.1	51.3	0.1	0.2%	
64.2%	51.1	51.3	0.1	0.2%	
65.4%	51.1	51.3	0.2	0.4%	
66.7%	51.1	51.3	0.2	0.4%	
67.9%	51.1	51.2	0.2	0.3%	
69.1%	51.1	51.2	0.2	0.3%	
70.4%	51.0	51.2	0.1	0.3%	
71.6%	51.0	51.1	0.1	0.2%	
72.8%	51.0	51.1	0.1	0.2%	
74.1%	51.0	51.1	0.1	0.2%	
75.3%	51.0	51.1	0.1	0.2%	
76.5%	51.0	51.1	0.1	0.2%	
77.8%	51.0	51.1	0.1	0.2%	
79.0%	51.0	51.0	0.1	0.1%	
80.2%	50.9	51.0	0.1	0.2%	
81.5%	50.9	51.0	0.1	0.2%	
82.7%	50.9	51.0	0.1	0.1%	
84.0%	50.9	51.0	0.1	0.2%	
85.2%	50.8	50.9	0.1	0.1%	
86.4%	50.8	50.9	0.1	0.1%	
87.7%	50.8	50.8	0.0	0.0%	
88.9%	50.7	50.7	0.0	0.1%	
90.1%	50.6	50.6	0.0	0.0%	
91.4%	50.6	50.6	0.0	0.0%	
92.6%	50.6	50.6	0.0	0.0%	
93.8%	50.5	50.6	0.0	0.1%	
95.1%	50.5	50.5	-0.1	-0.1%	
96.3%	50.4	50.4	-0.1	-0.1%	
97.5%	50.3	50.4	0.1	0.2%	
98.8%	50.1	50.0	-0.1	-0.2%	
100.0%	49.9	48.5	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.2	63.1	-2.1	-3.2%	
1.2%	64.5	67.4	-2.9	-4.5%	
2.5%	63.6	67.9	-4.3	-6.8%	
3.7%	62.3	65.2	-2.9	-4.7%	
4.9%	58.7	55.2	-3.5	-6.0%	
6.2%	57.0	54.6	-2.4	-4.2%	
7.4%	55.9	54.4	-1.5	-2.7%	
8.6%	55.7	54.3	-1.4	-2.5%	
9.9%	55.5	54.3	-1.3	-2.3%	
11.1%	55.3	54.2	-1.1	-2.0%	
12.3%	54.8	54.1	-0.7	-1.3%	
13.6%	54.4	53.8	-0.6	-1.0%	
14.8%	54.1	53.8	-0.3	-0.6%	
16.0%	54.0	53.7	-0.3	-0.5%	
17.3%	53.9	53.6	-0.4	-0.7%	
18.5%	53.9	53.6	-0.3	-0.6%	
19.8%	53.6	53.5	-0.1	-0.2%	
21.0%	53.6	53.4	-0.2	-0.4%	
22.2%	53.5	53.3	-0.2	-0.5%	
23.5%	53.4	53.2	-0.2	-0.4%	
24.7%	53.4	53.2	-0.2	-0.4%	
25.9%	53.4	53.2	-0.2	-0.4%	
27.2%	53.4	53.2	-0.2	-0.3%	
28.4%	53.3	53.1	-0.2	-0.4%	
29.6%	53.3	53.0	-0.3	-0.5%	
30.9%	53.2	53.0	-0.2	-0.4%	
32.1%	53.2	53.0	-0.2	-0.4%	
33.3%	53.2	52.9	-0.3	-0.6%	
34.5%	53.1	52.8	-0.3	-0.6%	
35.8%	53.1	52.8	-0.3	-0.6%	
37.0%	53.0	52.7	-0.3	-0.6%	
38.3%	53.0	52.6	-0.4	-0.7%	
39.5%	53.0	52.6	-0.4	-0.7%	
40.7%	52.9	52.6	-0.4	-0.7%	
42.0%	52.9	52.5	-0.4	-0.7%	
43.2%	52.9	52.4	-0.5	-0.9%	
44.4%	52.8	52.4	-0.4	-0.8%	
45.7%	52.7	52.4	-0.4	-0.7%	
46.9%	52.7	52.3	-0.4	-0.7%	
48.1%	52.7	52.3	-0.4	-0.8%	
49.4%	52.6	52.3	-0.3	-0.6%	
50.6%	52.6	52.2	-0.4	-0.7%	
51.9%	52.5	52.2	-0.3	-0.5%	
53.1%	52.5	52.2	-0.3	-0.5%	
54.3%	52.5	52.2	-0.3	-0.5%	
55.6%	52.4	52.2	-0.2	-0.3%	
56.8%	52.2	52.2	0.0	0.0%	
58.0%	52.2	52.2	0.0	0.0%	
59.3%	52.2	52.2	0.0	0.0%	
60.5%	52.2	52.1	0.0	0.0%	
61.7%	52.1	52.1	0.0	-0.1%	
63.0%	52.1	52.0	-0.1	-0.2%	
64.2%	52.1	52.0	-0.1	-0.1%	
65.4%	52.0	52.0	-0.1	-0.2%	
66.7%	52.1	52.0	-0.1	-0.2%	
67.9%	52.0	52.0	-0.1	-0.1%	
69.1%	52.0	51.9	-0.1	-0.1%	
70.4%	52.0	51.9	-0.1	-0.2%	
71.6%	52.0	51.9	-0.1	-0.2%	
72.8%	51.9	51.8	-0.1	-0.1%	
74.1%	51.9	51.8	-0.1	-0.2%	
75.3%	51.9	51.8	0.0	0.0%	
76.5%	51.8	51.8	0.0	0.0%	
77.8%	51.8	51.8	0.0	0.0%	
79.0%	51.8	51.8	0.0	0.0%	
80.2%	51.8				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	55.0	51.6	47.2	45.0	46.0	48.7	51.5	53.4	53.4	54.3	55.4	56.6
Alternative D	54.3	51.3	47.5	45.3	46.0	48.7	51.9	53.3	53.5	54.2	55.0	55.9
Difference	-0.7	-0.3	0.3	0.3	0.0	0.1	0.4	0.0	0.1	0.0	-0.4	-0.7
Percent Difference ²	-1.2%	-0.6%	0.6%	0.6%	0.1%	0.2%	0.8%	-0.1%	0.2%	0.0%	-0.8%	-1.2%
Water Year Types ²												
Wet (32%)												
No Action Alternative	54.4	52.0	47.3	44.9	45.6	47.7	50.7	53.1	53.2	54.1	54.6	54.6
Alternative D	54.1	51.8	47.8	45.1	45.6	47.8	50.8	52.8	53.1	54.2	54.7	54.4
Difference	-0.3	-0.2	0.4	0.2	0.0	0.1	0.1	-0.3	-0.1	0.1	0.1	-0.2
Percent Difference	-0.5%	-0.4%	0.9%	0.4%	0.1%	0.1%	0.3%	-0.5%	-0.2%	0.2%	0.2%	-0.4%
Above Normal (15%)												
No Action Alternative	53.8	51.3	47.7	45.3	46.0	48.9	51.9	53.7	52.5	53.1	54.8	55.4
Alternative D	53.3	51.2	48.1	45.5	46.0	48.9	52.2	53.4	52.7	53.2	54.9	55.1
Difference	-0.4	-0.2	0.4	0.2	0.0	0.0	0.3	-0.3	0.2	0.1	0.1	-0.4
Percent Difference	-0.8%	-0.3%	0.9%	0.5%	0.0%	0.1%	0.5%	-0.5%	0.4%	0.1%	0.1%	-0.7%
Below Normal (17%)												
No Action Alternative	53.5	51.0	47.5	45.0	45.7	48.6	51.9	53.4	53.0	53.5	54.3	56.0
Alternative D	52.9	50.7	47.7	45.2	45.7	48.6	52.4	53.4	53.1	53.6	54.3	55.5
Difference	-0.6	-0.3	0.2	0.2	0.0	0.0	0.5	0.0	0.1	0.0	0.0	-0.5
Percent Difference	-1.1%	-0.5%	0.4%	0.5%	0.0%	0.1%	1.0%	0.0%	0.3%	0.1%	-0.1%	-0.9%
Dry (22%)												
No Action Alternative	55.3	51.8	47.2	45.1	46.2	49.3	51.8	53.0	53.5	53.8	55.3	57.4
Alternative D	54.2	51.3	47.2	45.5	46.2	49.4	52.4	53.2	53.9	54.0	54.7	56.5
Difference	-1.1	-0.5	0.0	0.4	0.0	0.1	0.6	0.2	0.4	0.2	-0.6	-1.0
Percent Difference	-2.0%	-1.0%	0.1%	0.8%	0.1%	0.2%	1.1%	0.3%	0.7%	0.3%	-1.0%	-1.7%
Critical (15%)												
No Action Alternative	58.8	51.6	46.4	45.1	46.8	49.6	51.7	54.1	55.2	57.3	59.1	61.7
Alternative D	57.5	51.3	46.7	45.4	46.9	49.7	52.4	54.4	55.2	56.6	56.8	59.8
Difference	-1.3	-0.3	0.3	0.3	0.2	0.1	0.7	0.3	-0.1	-0.7	-2.3	-1.9
Percent Difference	-2.2%	-0.6%	0.7%	0.7%	0.4%	0.3%	1.4%	0.6%	-0.1%	-1.3%	-3.9%	-3.0%

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

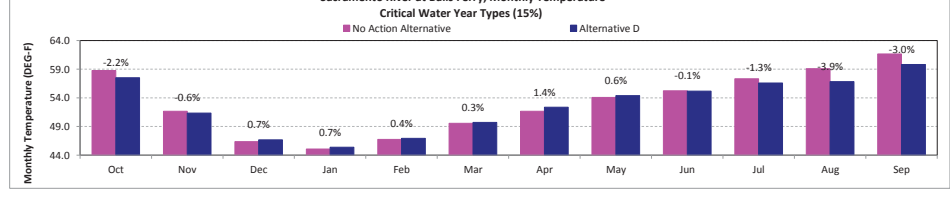
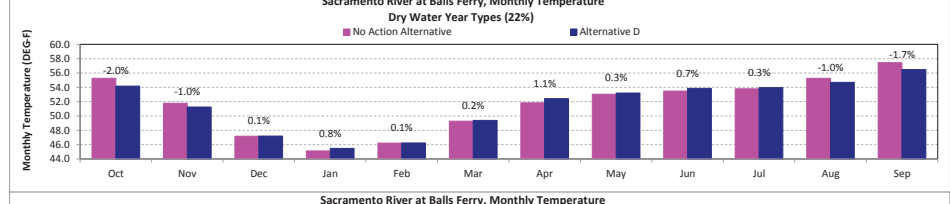
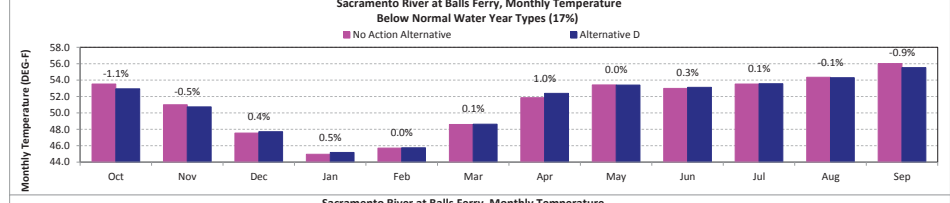
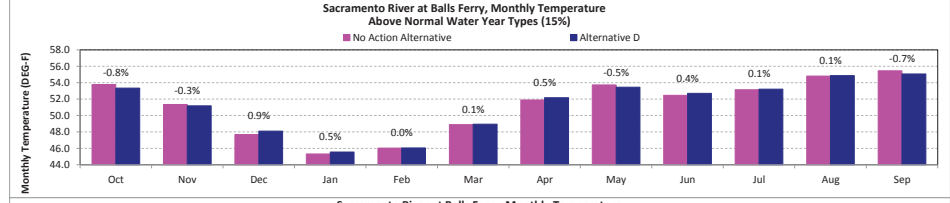
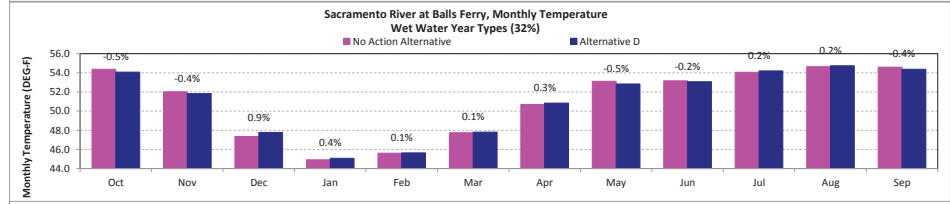
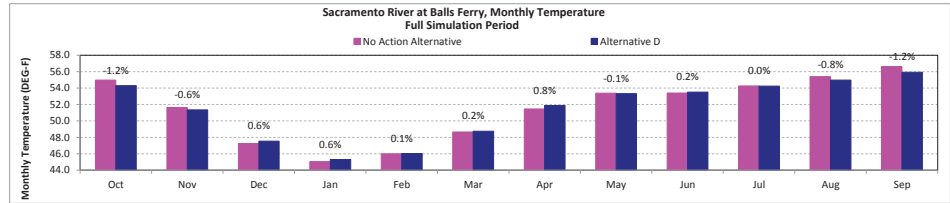


Figure SQ-03-9b
 Sacramento River at Balls Ferry, Monthly Temperature
 Probability of Exceedance

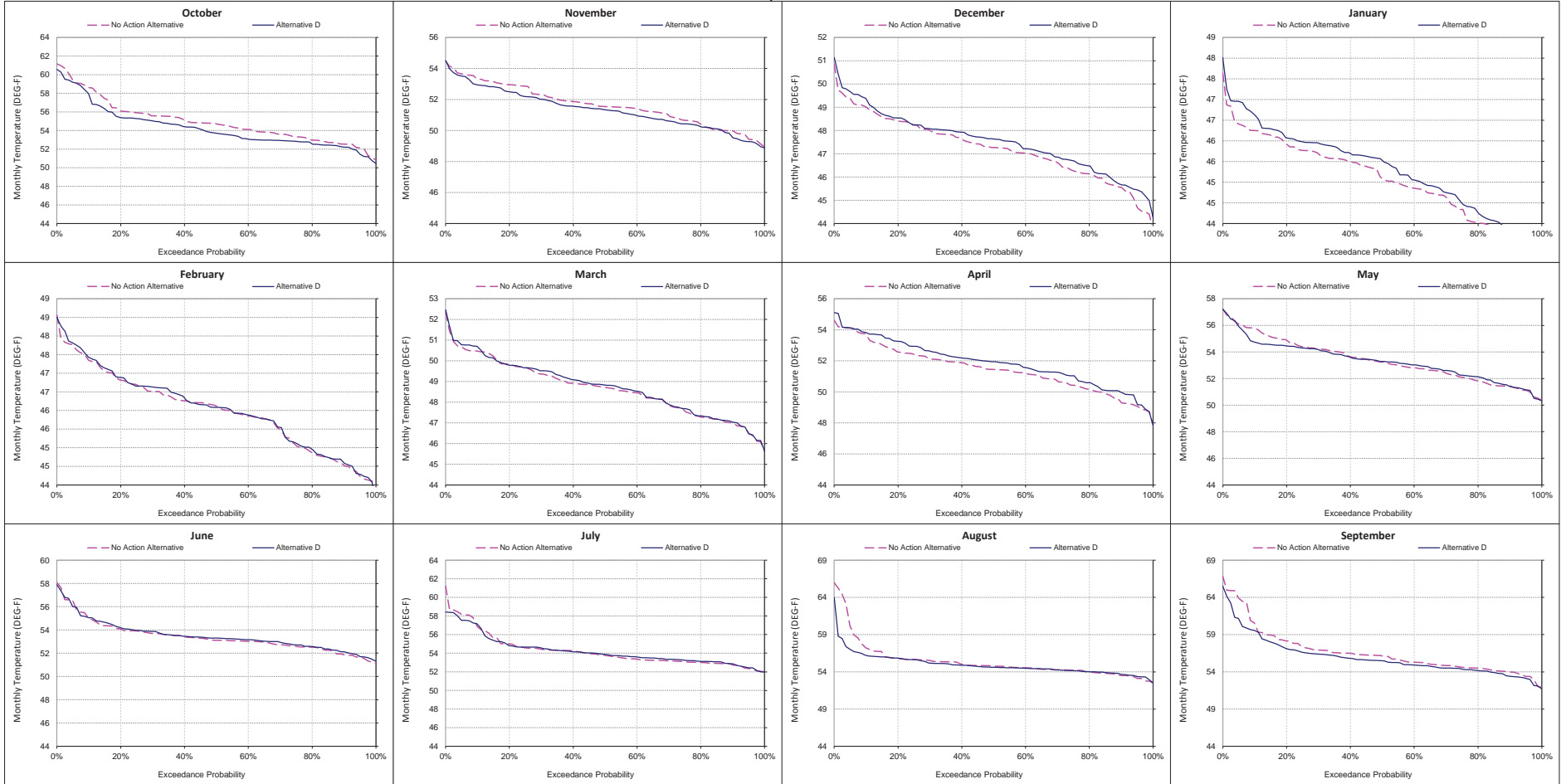


Table SQ-03-9b
Sacramento River at Balls Ferry, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.2	60.6	-0.6	-1.0%	
1.2%	61.0	60.3	-0.7	-1.1%	
2.5%	60.7	59.5	-1.2	-2.0%	
3.7%	60.1	59.4	-0.7	-1.2%	
4.9%	59.5	59.2	-0.3	-0.4%	
6.2%	59.1	59.1	0.0	0.0%	
7.4%	59.1	58.8	-0.2	-0.4%	
8.6%	58.9	58.4	-0.5	-0.8%	
9.9%	58.6	58.0	-0.7	-1.1%	
11.1%	58.6	56.8	-1.7	-3.0%	
12.3%	58.1	56.8	-1.3	-2.3%	
13.6%	57.9	56.6	-1.2	-2.1%	
14.8%	57.5	56.4	-1.1	-1.9%	
16.0%	57.3	56.0	-1.3	-2.2%	
17.3%	56.5	56.0	-0.5	-0.8%	
18.5%	56.4	55.6	-0.9	-1.6%	
19.8%	56.1	55.4	-0.7	-1.2%	
21.0%	56.1	55.4	-0.7	-1.3%	
22.2%	56.0	55.3	-0.7	-1.2%	
23.5%	56.0	55.3	-0.6	-1.1%	
24.7%	55.9	55.3	-0.6	-1.1%	
25.9%	55.9	55.3	-0.6	-1.1%	
27.2%	55.8	55.2	-0.6	-1.2%	
28.4%	55.8	55.1	-0.7	-1.3%	
29.6%	55.6	55.1	-0.5	-0.9%	
30.9%	55.6	55.0	-0.6	-1.1%	
32.1%	55.6	54.9	-0.6	-1.1%	
33.3%	55.6	54.8	-0.7	-1.3%	
34.5%	55.5	54.8	-0.8	-1.4%	
35.8%	55.5	54.7	-0.8	-1.5%	
37.0%	55.4	54.7	-0.8	-1.4%	
38.3%	55.4	54.6	-0.8	-1.4%	
39.5%	55.2	54.4	-0.8	-1.4%	
40.7%	55.0	54.4	-0.6	-1.1%	
42.0%	54.9	54.4	-0.5	-0.9%	
43.2%	54.8	54.3	-0.5	-0.9%	
44.4%	54.8	54.2	-0.6	-1.2%	
45.7%	54.8	54.0	-0.8	-1.4%	
46.9%	54.8	53.9	-0.9	-1.6%	
48.1%	54.8	53.8	-1.0	-1.8%	
49.4%	54.8	53.7	-1.0	-1.8%	
50.6%	54.7	53.7	-1.0	-1.8%	
51.9%	54.6	53.6	-1.0	-1.8%	
53.1%	54.5	53.6	-1.0	-1.8%	
54.3%	54.4	53.5	-0.9	-1.7%	
55.6%	54.3	53.4	-0.9	-1.6%	
56.8%	54.3	53.4	-0.9	-1.6%	
58.0%	54.1	53.1	-1.0	-1.9%	
59.3%	54.1	53.1	-1.0	-1.8%	
60.5%	54.1	53.0	-1.1	-2.0%	
61.7%	53.9	53.0	-0.9	-1.7%	
63.0%	53.9	53.0	-0.9	-1.7%	
64.2%	53.8	53.0	-0.9	-1.6%	
65.4%	53.8	53.0	-0.8	-1.6%	
66.7%	53.8	53.0	-0.8	-1.6%	
67.9%	53.7	52.9	-0.8	-1.5%	
69.1%	53.6	52.9	-0.7	-1.3%	
70.4%	53.6	52.9	-0.7	-1.3%	
71.6%	53.6	52.9	-0.7	-1.3%	
72.8%	53.5	52.9	-0.6	-1.1%	
74.1%	53.4	52.9	-0.5	-0.9%	
75.3%	53.3	52.8	-0.5	-0.9%	
76.5%	53.3	52.8	-0.5	-1.0%	
77.8%	53.2	52.8	-0.5	-0.9%	
79.0%	53.0	52.8	-0.3	-0.5%	
80.2%	53.0	52.5	-0.4	-0.8%	
81.5%	53.0	52.5	-0.4	-0.8%	
82.7%	52.9	52.5	-0.4	-0.8%	
84.0%	52.8	52.4	-0.4	-0.7%	
85.2%	52.7	52.4	-0.3	-0.5%	
86.4%	52.7	52.4	-0.3	-0.5%	
87.7%	52.7	52.4	-0.3	-0.5%	
88.9%	52.5	52.3	-0.3	-0.5%	
90.1%	52.5	52.2	-0.3	-0.6%	
91.4%	52.5	52.2	-0.3	-0.6%	
92.6%	52.5	52.0	-0.5	-0.9%	
93.8%	52.2	51.9	-0.3	-0.6%	
95.1%	52.1	51.4	-0.7	-1.3%	
96.3%	52.0	51.2	-0.8	-1.5%	
97.5%	51.3	51.2	-0.1	-0.3%	
98.8%	51.1	50.8	-0.3	-0.6%	
100.0%	50.8	50.5	0.0	-0.7%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.5	54.5	0.0	0.0%	
1.2%	54.1	54.0	-0.2	-0.3%	
2.5%	54.0	53.7	-0.3	-0.6%	
3.7%	53.7	53.4	-0.3	-0.5%	
4.9%	53.7	53.5	-0.1	-0.3%	
6.2%	53.6	53.5	-0.1	-0.2%	
7.4%	53.6	53.3	-0.3	-0.6%	
8.6%	53.5	53.0	-0.5	-1.0%	
9.9%	53.3	52.9	-0.4	-0.7%	
11.1%	53.3	52.9	-0.4	-0.7%	
12.3%	53.2	52.8	-0.3	-0.6%	
13.6%	53.2	52.8	-0.4	-0.7%	
14.8%	53.2	52.8	-0.3	-0.7%	
16.0%	53.1	52.8	-0.3	-0.5%	
17.3%	53.0	52.7	-0.3	-0.6%	
18.5%	53.0	52.6	-0.4	-0.8%	
19.8%	53.0	52.5	-0.4	-0.8%	
21.0%	52.9	52.5	-0.5	-0.9%	
22.2%	52.9	52.5	-0.5	-0.9%	
23.5%	52.9	52.3	-0.6	-1.2%	
24.7%	52.9	52.2	-0.7	-1.3%	
25.9%	52.8	52.2	-0.6	-1.2%	
27.2%	52.4	52.2	-0.2	-0.4%	
28.4%	52.3	52.1	-0.2	-0.4%	
29.6%	52.3	52.0	-0.3	-0.6%	
30.9%	52.3	52.0	-0.3	-0.5%	
32.1%	52.2	51.9	-0.2	-0.4%	
33.3%	52.1	51.8	-0.2	-0.5%	
34.5%	52.0	51.8	-0.3	-0.5%	
35.8%	52.0	51.7	-0.3	-0.6%	
37.0%	51.9	51.6	-0.3	-0.6%	
38.3%	51.9	51.6	-0.3	-0.6%	
39.5%	51.9	51.6	-0.3	-0.6%	
40.7%	51.9	51.5	-0.3	-0.6%	
42.0%	51.8	51.5	-0.3	-0.6%	
43.2%	51.8	51.5	-0.3	-0.6%	
44.4%	51.8	51.5	-0.3	-0.5%	
45.7%	51.7	51.4	-0.3	-0.6%	
46.9%	51.6	51.4	-0.2	-0.5%	
48.1%	51.6	51.4	-0.2	-0.3%	
49.4%	51.5	51.4	-0.2	-0.4%	
50.6%	51.5	51.3	-0.2	-0.4%	
51.9%	51.5	51.3	-0.2	-0.5%	
53.1%	51.5	51.3	-0.3	-0.5%	
54.3%	51.5	51.2	-0.3	-0.5%	
55.6%	51.5	51.1	-0.4	-0.7%	
56.8%	51.5	51.1	-0.4	-0.8%	
58.0%	51.5	51.0	-0.4	-0.8%	
59.3%	51.4	51.0	-0.4	-0.8%	
60.5%	51.4	50.9	-0.5	-0.9%	
61.7%	51.3	50.9	-0.4	-0.7%	
63.0%	51.2	50.9	-0.4	-0.7%	
64.2%	51.2	50.8	-0.4	-0.8%	
65.4%	51.2	50.8	-0.4	-0.9%	
66.7%	51.2	50.7	-0.4	-0.9%	
67.9%	51.1	50.7	-0.4	-0.8%	
69.1%	51.1	50.6	-0.5	-0.9%	
70.4%	50.9	50.6	-0.3	-0.6%	
71.6%	50.8	50.6	-0.3	-0.5%	
72.8%	50.8	50.5	-0.3	-0.6%	
74.1%	50.7	50.4	-0.2	-0.5%	
75.3%	50.6	50.4	-0.2	-0.4%	
76.5%	50.6	50.4	-0.2	-0.4%	
77.8%	50.6	50.4	-0.2	-0.4%	
79.0%	50.6	50.3	-0.2	-0.4%	
80.2%	50.4	50.2	-0.1	-0.3%	
81.5%	50.2	50.2	0.0	-0.1%	
82.7%	50.2	50.2	0.0	0.1%	
84.0%	50.1	50.1	0.1	0.1%	
85.2%	50.1	50.1	0.1	0.1%	
86.4%	50.0	50.0	0.1	0.1%	
87.7%	50.0	49.9	-0.1	-0.3%	
88.9%	50.0	49.8	-0.2	-0.3%	
90.1%	50.0	49.5	-0.5	-0.9%	
91.4%	49.8	49.5	-0.3	-0.7%	
92.6%	49.8	49.4	-0.4	-0.9%	
93.8%	49.7	49.3	-0.4	-0.9%	
95.1%	49.4	49.3	-0.1	-0.3%	
96.3%	49.3	49.1	-0.2	-0.4%	
97.5%	49.3	49.1	-0.2	-0.4%	
98.8%	49.1	49.0	-0.2	-0.3%	
100.0%	48.9	48.9	-0.1	-0.1%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.9	51.1	0.3	0.6%	
1.2%	49.7	50.4	0.7	1.4%	
2.5%	49.6	49.8	0.2	0.4%	
3.7%	49.6	49.8	0.4	0.7%	
4.9%	49.4	49.7	0.3	0.6%	
6.2%	49.1	49.6	0.4	0.8%	
7.4%	49.1	49.6	0.5	0.9%	
8.6%	49.1	49.4	0.4	0.7%	
9.9%	49.0	49.4	0.4	0.7%	
11.1%	48.9	49.2	0.2	0.4%	
12.3%	48.8	49.0	0.2	0.4%	
13.6%	48.7	48.8	0.1	0.3%	
14.8%	48.6	48.7	0.1	0.3%	
16.0%	48.5	48.7	0.1	0.3%	
17.3%	48.5	48.6	0.1	0.2%	
18.5%	48.5	48.5	0.1	0.2%	
19.8%	48.4	48.5	0.1	0.3%	
21.0%	48.4	48.5	0.2	0.3%	
22.2%	48.4	48.5	0.1	0.2%	
23.5%	48.4	48.3	0.0	0.0%	
24.7%	48.2	48.3	0.0	0.1%	
25.9%	48.2	48.2	0.0	0.0%	
27.2%	48.1	48.2	0.2	0.4%	
28.4%	48.1	48.1	0.0	0.1%	
29.6%	48.0	48.1	0.0	0.1%	
30.9%	47.9	48.1	0.1	0.3%	
32.1%	47.9	48.1	0.2	0.4%	
33.3%	47.8	48.0	0.2	0.4%	
34.5%	47.8	48.0	0.2	0.4%	
35.8%	47.8	48.0	0.2	0.4%	
37.0%	47.8	48.0	0.2	0.4%	
38.3%	47.7	47.9	0.2	0.5%	
39.5%	47.7	47.9	0.2	0.5%	
40.7%	47.6	47.9	0.4	0.8%	
42.0%	47.5	47.8	0.3	0.6%	
43.2%	47.5	47.8	0.3	0.6%	
44.4%	47.4	47.7	0.3	0.6%	
45.7%	47.4	47.7	0.3	0.6%	
46.9%	47.3	47.7	0.4	0.8%	
48.1%	47.3	47.7	0.3	0.7%	
49.4%	47.3	47.6	0.4	0.8%	
50.6%	47.3	47.6	0.4	0.8%	
51.9%	47.2	47.6	0.4	0.8%	
53.1%	47.2	47.6	0.3	0.7%	
54.3%	47.2	47.5	0.3	0.7%	
55.6%	47.1	47.5	0.4	0.9%	
56.8%	47.1	47.5	0.5	1.0%	
58.0%	47.0	47.4	0.4	0.8%	
59.3%	47.0	47.2	0.2	0.4%	
60.5%	47.0	47.2	0.2	0.4%	
61.7%	47.0	47.2	0.2	0.4%	
63.0%	46.9	47.2	0.2	0.5%	
64.2%	46.9	47.1	0.2	0.5%	
65.4%	46.8	47.1	0.2	0.5%	
66.7%	46.8	47.0	0.3	0.5%	
67.9%	46.7	47.0	0.3	0.6%	
69.1%	46.7	46.9	0.2	0.4%	
70.4%	46.6	46.8	0.3	0.6%	
71.6%	46.4	46.8	0.3	0.7%	
72.8%	46.4	46.8	0.3	0.7%	
74.1%	46.3	46.7	0.4	0.9%	
75.3%	46.2	46.7	0.4	1.0%	
76.5%	46.2	46.6	0.3	0.7%	
77.8%	46.2	46.5	0.4	0.8%	
79.0%	46.1	46.5	0.4	0.8%	
80.2%	46.1				

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.6	48.5	-0.1	-0.1%	
1.2%	47.9	48.3	0.3	0.7%	
2.5%	47.8	48.3	0.5	0.6%	
3.7%	47.8	47.9	0.1	0.2%	
4.9%	47.8	47.8	0.0	0.1%	
6.2%	47.6	47.8	0.1	0.3%	
7.4%	47.5	47.7	0.1	0.3%	
8.6%	47.5	47.6	0.0	0.1%	
9.9%	47.4	47.4	0.1	0.2%	
11.1%	47.3	47.4	0.1	0.2%	
12.3%	47.3	47.3	0.0	0.1%	
13.6%	47.2	47.2	0.1	0.1%	
14.8%	47.1	47.1	0.1	0.2%	
16.0%	47.0	47.1	0.1	0.2%	
17.3%	47.0	47.1	0.0	0.1%	
18.5%	46.9	46.9	0.0	0.1%	
19.8%	46.8	46.9	0.1	0.2%	
21.0%	46.8	46.9	0.1	0.2%	
22.2%	46.7	46.7	0.0	0.0%	
23.5%	46.7	46.7	0.0	0.0%	
24.7%	46.7	46.7	0.0	-0.1%	
25.9%	46.6	46.7	0.0	0.1%	
27.2%	46.6	46.7	0.0	0.1%	
28.4%	46.5	46.6	0.1	0.3%	
29.6%	46.5	46.6	0.1	0.3%	
30.9%	46.5	46.6	0.1	0.2%	
32.1%	46.5	46.6	0.1	0.2%	
33.3%	46.4	46.6	0.2	0.4%	
34.5%	46.4	46.6	0.2	0.4%	
35.8%	46.4	46.5	0.1	0.3%	
37.0%	46.3	46.5	0.2	0.4%	
38.3%	46.3	46.4	0.1	0.3%	
39.5%	46.3	46.4	0.1	0.3%	
40.7%	46.3	46.3	0.0	0.0%	
42.0%	46.2	46.2	0.0	0.0%	
43.2%	46.2	46.2	0.0	0.0%	
44.4%	46.2	46.2	0.0	-0.1%	
45.7%	46.2	46.2	-0.1	-0.1%	
46.9%	46.2	46.2	0.0	-0.1%	
48.1%	46.2	46.1	-0.1	-0.2%	
49.4%	46.1	46.1	-0.1	-0.1%	
50.6%	46.1	46.1	0.0	0.0%	
51.9%	46.0	46.1	0.1	0.1%	
53.1%	46.0	46.1	0.1	0.1%	
54.3%	46.0	46.0	0.0	0.0%	
55.6%	45.9	45.9	0.0	0.0%	
56.8%	45.9	45.9	0.0	0.0%	
58.0%	45.9	45.9	0.0	0.1%	
59.3%	45.9	45.9	0.0	0.1%	
60.5%	45.9	45.9	0.0	0.0%	
61.7%	45.8	45.8	0.0	0.0%	
63.0%	45.8	45.8	0.0	0.0%	
64.2%	45.8	45.8	0.0	-0.1%	
65.4%	45.8	45.8	0.0	0.0%	
66.7%	45.8	45.7	0.0	0.0%	
67.9%	45.7	45.7	0.0	0.1%	
69.1%	45.5	45.6	0.0	0.2%	
70.4%	45.5	45.5	0.1	0.1%	
71.6%	45.3	45.3	0.0	0.0%	
72.8%	45.3	45.2	-0.1	-0.2%	
74.1%	45.1	45.2	0.0	0.1%	
75.3%	45.0	45.1	0.1	0.2%	
76.5%	45.0	45.0	0.0	0.1%	
77.8%	45.0	45.0	0.0	0.1%	
79.0%	44.9	45.0	0.1	0.2%	
80.2%	44.8	44.9	0.1	0.2%	
81.5%	44.8	44.8	0.0	0.1%	
82.7%	44.8	44.8	0.0	0.1%	
84.0%	44.8	44.8	0.0	0.0%	
85.2%	44.7	44.7	0.0	0.0%	
86.4%	44.7	44.7	0.0	0.0%	
87.7%	44.7	44.7	0.1	0.1%	
88.9%	44.6	44.7	0.1	0.2%	
90.1%	44.5	44.6	0.1	0.1%	
91.4%	44.5	44.5	0.0	0.1%	
92.6%	44.4	44.5	0.1	0.2%	
93.8%	44.4	44.3	-0.1	-0.1%	
95.1%	44.2	44.3	0.1	0.1%	
96.3%	44.2	44.2	0.1	0.2%	
97.5%	44.1	44.2	0.1	0.2%	
98.8%	44.1	44.1	0.0	-0.1%	
100.0%	43.4	43.4	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	52.3	52.5	0.1	0.2%	
1.2%	51.4	51.7	0.2	0.5%	
2.5%	50.9	51.0	0.1	0.1%	
3.7%	50.7	51.0	0.3	0.5%	
4.9%	50.7	50.8	0.1	0.2%	
6.2%	50.6	50.8	0.2	0.4%	
7.4%	50.5	50.8	0.3	0.5%	
8.6%	50.5	50.7	0.2	0.5%	
9.9%	50.5	50.7	0.2	0.5%	
11.1%	50.4	50.5	0.1	0.2%	
12.3%	50.4	50.3	-0.2	-0.3%	
13.6%	50.4	50.2	-0.2	-0.4%	
14.8%	50.2	50.1	-0.1	-0.2%	
16.0%	50.0	50.0	0.0	-0.1%	
17.3%	49.9	49.9	0.1	0.1%	
18.5%	49.9	49.9	0.0	0.0%	
19.8%	49.8	49.8	-0.1	-0.1%	
21.0%	49.8	49.8	0.0	0.0%	
22.2%	49.7	49.8	0.0	0.1%	
23.5%	49.7	49.7	0.0	0.0%	
24.7%	49.7	49.7	0.0	-0.1%	
25.9%	49.6	49.6	0.0	0.1%	
27.2%	49.5	49.6	0.1	0.2%	
28.4%	49.4	49.6	0.2	0.4%	
29.6%	49.4	49.5	0.2	0.3%	
30.9%	49.4	49.5	0.2	0.3%	
32.1%	49.3	49.5	0.2	0.4%	
33.3%	49.3	49.5	0.2	0.4%	
34.5%	49.2	49.3	0.2	0.4%	
35.8%	49.1	49.3	0.2	0.4%	
37.0%	49.1	49.2	0.2	0.3%	
38.3%	48.9	49.2	0.2	0.5%	
39.5%	48.9	49.1	0.2	0.4%	
40.7%	48.9	49.1	0.2	0.4%	
42.0%	48.9	49.1	0.2	0.4%	
43.2%	48.9	49.0	0.1	0.2%	
44.4%	48.9	48.9	0.0	0.1%	
45.7%	48.8	48.9	0.0	0.1%	
46.9%	48.8	48.9	0.1	0.2%	
48.1%	48.8	48.9	0.1	0.2%	
49.4%	48.7	48.8	0.1	0.2%	
50.6%	48.7	48.8	0.1	0.2%	
51.9%	48.7	48.8	0.1	0.3%	
53.1%	48.6	48.8	0.1	0.3%	
54.3%	48.6	48.7	0.2	0.4%	
55.6%	48.5	48.6	0.1	0.2%	
56.8%	48.5	48.6	0.1	0.2%	
58.0%	48.5	48.6	0.1	0.2%	
59.3%	48.5	48.5	0.1	0.2%	
60.5%	48.5	48.5	0.1	0.1%	
61.7%	48.3	48.5	0.1	0.3%	
63.0%	48.2	48.2	0.0	0.1%	
64.2%	48.2	48.2	0.0	0.1%	
65.4%	48.2	48.2	0.0	0.0%	
66.7%	48.2	48.1	0.0	0.0%	
67.9%	48.1	48.1	0.0	0.0%	
69.1%	48.0	48.0	0.0	0.0%	
70.4%	47.8	47.9	0.0	0.1%	
71.6%	47.8	47.8	0.0	0.1%	
72.8%	47.7	47.8	0.0	0.1%	
74.1%	47.7	47.7	0.0	0.0%	
75.3%	47.5	47.7	0.2	0.3%	
76.5%	47.5	47.6	0.2	0.3%	
77.8%	47.4	47.4	0.0	0.1%	
79.0%	47.3	47.3	0.0	0.0%	
80.2%	47.3	47.3	0.1	0.1%	
81.5%	47.3	47.3	0.0	0.1%	
82.7%	47.2	47.3	0.1	0.1%	
84.0%	47.2	47.2	0.0	0.0%	
85.2%	47.2	47.2	0.0	0.0%	
86.4%	47.1	47.1	0.0	0.0%	
87.7%	47.0	47.1	0.1	0.2%	
88.9%	47.0	47.1	0.1	0.2%	
90.1%	47.0	47.0	0.0	0.1%	
91.4%	46.9	47.0	0.1	0.3%	
92.6%	46.8	46.8	0.0	0.0%	
93.8%	46.8	46.8	0.0	0.0%	
95.1%	46.5	46.5	0.0	0.0%	
96.3%	46.4	46.4	0.0	0.1%	
97.5%	46.1	46.2	0.0	0.1%	
98.8%	46.1	46.1	0.0	0.2%	
100.0%	45.6	45.6	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.6	55.1	0.5	0.9%	
1.2%	54.2	55.1	0.9	1.6%	
2.5%	54.2	54.2	0.0	0.0%	
3.7%	54.1	54.1	0.0	0.0%	
4.9%	54.1	54.1	0.0	0.0%	
6.2%	54.1	54.1	-0.1	-0.1%	
7.4%	53.8	54.0	0.2	0.4%	
8.6%	53.8	53.9	0.1	0.2%	
9.9%	53.7	53.8	0.1	0.2%	
11.1%	53.3	53.7	0.4	0.8%	
12.3%	53.2	53.7	0.5	1.0%	
13.6%	53.2	53.7	0.5	1.0%	
14.8%	53.1	53.7	0.6	1.1%	
16.0%	52.9	53.5	0.5	1.0%	
17.3%	52.8	53.4	0.6	1.2%	
18.5%	52.8	53.3	0.5	1.0%	
19.8%	52.6	53.3	0.7	1.3%	
21.0%	52.5	53.2	0.7	1.3%	
22.2%	52.5	53.1	0.6	1.2%	
23.5%	52.5	53.0	0.5	0.9%	
24.7%	52.4	52.9	0.5	1.0%	
25.9%	52.3	52.8	0.5	1.1%	
27.2%	52.3	52.8	0.5	1.0%	
28.4%	52.3	52.7	0.4	0.7%	
29.6%	52.2	52.6	0.5	0.9%	
30.9%	52.1	52.6	0.5	0.9%	
32.1%	52.1	52.5	0.5	0.9%	
33.3%	52.1	52.4	0.4	0.7%	
34.5%	52.0	52.4	0.4	0.7%	
35.8%	51.9	52.3	0.4	0.7%	
37.0%	51.9	52.3	0.3	0.6%	
38.3%	51.9	52.2	0.3	0.6%	
39.5%	51.9	52.2	0.3	0.6%	
40.7%	51.9	52.2	0.3	0.6%	
42.0%	51.7	52.1	0.4	0.8%	
43.2%	51.7	52.1	0.4	0.7%	
44.4%	51.6	52.1	0.4	0.8%	
45.7%	51.6	52.0	0.4	0.8%	
46.9%	51.5	52.0	0.5	0.9%	
48.1%	51.5	52.0	0.5	1.0%	
49.4%	51.4	51.9	0.5	1.0%	
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%	51.4	51.9	0.5	0.9%	
55.6%	51.3	51.8	0.5	0.9%	
56.8%	51.3	51.8	0.5	1.0%	
58.0%	51.2	51.7	0.5	1.0%	
59.3%	51.2	51.6	0.3	0.7%	
60.5%	51.2	51.5	0.4	0.8%	
61.7%	51.1	51.5	0.4	0.7%	
63.0%	51.1	51.4	0.3	0.6%	
64.2%	51.1	51.3	0.3	0.5%	
65.4%	50.9	51.3	0.4	0.8%	
66.7%	50.9	51.3	0.4	0.8%	
67.9%	50.8	51.3	0.5	0.9%	
69.1%	50.8	51.3	0.5	0.9%	
70.4%	50.6	51.3	0.6	1.2%	
71.6%	50.6	51.2	0.5	1.1%	
72.8%	50.6	51.1	0.5	1.0%	
74.1%	50.4	51.0	0.6	1.2%	
75.3%	50.4	51.0	0.6	1.2%	
76.5%	50.4	50.7	0.4	0.7%	
77.8%	50.3	50.7	0.4	0.7%	
79.0%	50.2	50.6	0.4	0.8%	
80.2%	50.2				

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

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	58.1	57.9	-0.2	-0.3%	
1.2%	57.7	57.4	-0.3	-0.5%	
2.5%	56.8	56.8	0.0	0.3%	
3.7%	56.6	56.7	0.1	0.3%	
4.9%	56.5	56.0	-0.5	-0.9%	
6.2%	55.7	55.9	0.2	0.4%	
7.4%	55.5	55.2	-0.3	-0.6%	
8.6%	55.5	55.2	-0.3	-0.6%	
9.9%	55.0	55.1	0.0	0.0%	
11.1%	54.9	55.0	0.2	0.3%	
12.3%	54.7	54.8	0.1	0.2%	
13.6%	54.4	54.7	0.3	0.6%	
14.8%	54.4	54.7	0.3	0.6%	
16.0%	54.4	54.6	0.2	0.4%	
17.3%	54.3	54.5	0.1	0.2%	
18.5%	54.1	54.3	0.2	0.3%	
19.8%	54.1	54.2	0.1	0.2%	
21.0%	54.0	54.1	0.1	0.3%	
22.2%	53.9	54.1	0.1	0.3%	
23.5%	53.9	54.0	0.1	0.2%	
24.7%	53.9	54.0	0.0	0.1%	
25.9%	53.9	54.0	0.1	0.2%	
27.2%	53.8	53.9	0.1	0.1%	
28.4%	53.8	53.9	0.1	0.3%	
29.6%	53.7	53.9	0.2	0.3%	
30.9%	53.7	53.9	0.2	0.3%	
32.1%	53.7	53.7	0.1	0.1%	
33.3%	53.6	53.6	0.0	0.0%	
34.5%	53.6	53.6	0.0	0.0%	
35.8%	53.5	53.6	0.0	0.1%	
37.0%	53.5	53.5	0.0	0.0%	
38.3%	53.5	53.5	0.0	0.0%	
39.5%	53.5	53.5	0.0	-0.1%	
40.7%	53.4	53.4	0.1	0.1%	
42.0%	53.4	53.4	0.1	0.1%	
43.2%	53.3	53.4	0.1	0.1%	
44.4%	53.3	53.4	0.1	0.2%	
45.7%	53.3	53.4	0.1	0.2%	
46.9%	53.2	53.3	0.1	0.2%	
48.1%	53.1	53.3	0.2	0.3%	
49.4%	53.1	53.3	0.2	0.4%	
50.6%	53.1	53.3	0.2	0.4%	
51.9%	53.1	53.3	0.2	0.3%	
53.1%	53.1	53.3	0.2	0.3%	
54.3%	53.1	53.3	0.2	0.3%	
55.6%	53.1	53.2	0.2	0.3%	
56.8%	53.1	53.2	0.1	0.3%	
58.0%	53.0	53.2	0.1	0.3%	
59.3%	53.0	53.2	0.1	0.3%	
60.5%	53.0	53.2	0.2	0.3%	
61.7%	53.0	53.1	0.1	0.3%	
63.0%	53.0	53.1	0.1	0.2%	
64.2%	53.0	53.0	0.1	0.1%	
65.4%	52.9	53.0	0.1	0.2%	
66.7%	52.9	53.0	0.1	0.3%	
67.9%	52.8	53.0	0.2	0.4%	
69.1%	52.7	53.0	0.3	0.5%	
70.4%	52.7	52.9	0.2	0.4%	
71.6%	52.7	52.8	0.1	0.3%	
72.8%	52.6	52.8	0.1	0.3%	
74.1%	52.6	52.7	0.1	0.2%	
75.3%	52.6	52.7	0.1	0.3%	
76.5%	52.5	52.7	0.2	0.3%	
77.8%	52.5	52.6	0.1	0.1%	
79.0%	52.5	52.6	0.1	0.1%	
80.2%	52.5	52.6	0.1	0.1%	
81.5%	52.5	52.5	0.0	0.0%	
82.7%	52.4	52.5	0.1	0.3%	
84.0%	52.3	52.4	0.1	0.2%	
85.2%	52.3	52.4	0.1	0.2%	
86.4%	52.2	52.3	0.1	0.1%	
87.7%	51.9	52.2	0.3	0.6%	
88.9%	51.9	52.1	0.2	0.4%	
90.1%	51.9	52.1	0.3	0.5%	
91.4%	51.8	52.0	0.2	0.4%	
92.6%	51.8	51.9	0.1	0.3%	
93.8%	51.7	51.9	0.2	0.5%	
95.1%	51.7	51.7	0.0	0.1%	
96.3%	51.7	51.7	0.0	0.2%	
97.5%	51.3	51.6	0.3	0.5%	
98.8%	51.2	51.5	0.2	0.5%	
100.0%	51.1	51.3	0.2	0.3%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.2	58.4	-2.8	-4.6%	
1.2%	58.7	58.4	-0.3	-0.5%	
2.5%	58.7	58.4	-0.3	-0.5%	
3.7%	58.5	58.0	-0.4	-0.7%	
4.9%	58.2	57.5	-0.6	-1.1%	
6.2%	58.1	57.5	-0.6	-1.0%	
7.4%	58.1	57.5	-0.6	-1.0%	
8.6%	57.8	57.3	-0.5	-0.9%	
9.9%	56.9	57.2	0.3	0.5%	
11.1%	56.5	56.7	0.1	0.2%	
12.3%	56.4	56.8	0.4	0.7%	
13.6%	56.1	55.6	-0.5	-0.9%	
14.8%	55.7	55.4	-0.3	-0.5%	
16.0%	55.7	55.3	-0.4	-0.8%	
17.3%	55.0	55.2	0.2	0.4%	
18.5%	55.0	55.1	0.1	0.1%	
19.8%	55.0	54.8	-0.2	-0.3%	
21.0%	55.0	54.8	-0.2	-0.3%	
22.2%	54.7	54.7	0.0	-0.1%	
23.5%	54.7	54.7	0.0	-0.1%	
24.7%	54.6	54.7	0.1	0.1%	
25.9%	54.0	54.1	0.1	0.2%	
27.2%	54.5	54.6	0.1	0.2%	
28.4%	54.5	54.6	0.1	0.2%	
29.6%	54.5	54.6	0.1	0.3%	
30.9%	54.4	54.5	0.1	0.2%	
32.1%	54.3	54.4	0.1	0.2%	
33.3%	54.3	54.3	0.0	0.0%	
34.5%	54.3	54.3	0.0	0.0%	
35.8%	54.3	54.3	0.0	0.0%	
37.0%	54.3	54.3	0.0	-0.1%	
38.3%	54.3	54.2	-0.1	-0.1%	
39.5%	54.3	54.2	-0.1	-0.2%	
40.7%	54.2	54.1	-0.1	-0.1%	
42.0%	54.1	54.1	0.0	0.0%	
43.2%	54.1	54.1	0.0	0.0%	
44.4%	54.0	54.0	0.0	0.0%	
45.7%	53.9	54.0	0.1	0.2%	
46.9%	53.9	54.0	0.1	0.1%	
48.1%	53.8	53.9	0.1	0.2%	
49.4%	53.8	53.9	0.1	0.1%	
50.6%	53.7	53.8	0.1	0.2%	
51.9%	53.7	53.8	0.1	0.2%	
53.1%	53.6	53.8	0.2	0.3%	
54.3%	53.6	53.7	0.2	0.3%	
55.6%	53.5	53.7	0.2	0.4%	
56.8%	53.4	53.7	0.3	0.5%	
58.0%	53.4	53.6	0.2	0.4%	
59.3%	53.4	53.6	0.2	0.4%	
60.5%	53.3	53.6	0.2	0.4%	
61.7%	53.3	53.5	0.2	0.5%	
63.0%	53.3	53.5	0.2	0.4%	
64.2%	53.2	53.5	0.2	0.5%	
65.4%	53.2	53.5	0.2	0.4%	
66.7%	53.2	53.4	0.2	0.4%	
67.9%	53.2	53.4	0.2	0.4%	
69.1%	53.2	53.4	0.2	0.3%	
70.4%	53.2	53.3	0.2	0.3%	
71.6%	53.2	53.3	0.2	0.3%	
72.8%	53.1	53.3	0.2	0.3%	
74.1%	53.1	53.3	0.2	0.3%	
75.3%	53.1	53.2	0.2	0.3%	
76.5%	53.0	53.2	0.2	0.3%	
77.8%	53.0	53.2	0.2	0.3%	
79.0%	53.0	53.2	0.1	0.3%	
80.2%	53.0	53.1	0.1	0.2%	
81.5%	53.0	53.1	0.1	0.3%	
82.7%	52.9	53.1	0.2	0.3%	
84.0%	52.9	53.1	0.2	0.3%	
85.2%	52.9	53.1	0.2	0.3%	
86.4%	52.9	53.0	0.2	0.3%	
87.7%	52.9	53.0	0.1	0.1%	
88.9%	52.9	52.9	0.0	0.0%	
90.1%	52.7	52.9	0.1	0.3%	
91.4%	52.7	52.7	0.0	0.0%	
92.6%	52.6	52.6	0.0	0.0%	
93.8%	52.4	52.5	0.1	0.2%	
95.1%	52.4	52.4	0.0	0.1%	
96.3%	52.4	52.4	0.0	0.2%	
97.5%	52.1	52.1	0.0	0.1%	
98.8%	52.1	52.0	-0.1	-0.2%	
100.0%	52.0	52.0	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.0	64.0	-2.0	-3.0%	
1.2%	65.2	63.8	-1.4	-2.1%	
2.5%	64.5	63.5	-1.0	-1.5%	
3.7%	64.0	63.4	-0.6	-0.9%	
4.9%	60.2	57.0	-3.1	-5.2%	
6.2%	59.0	56.7	-2.2	-3.8%	
7.4%	58.6	56.6	-2.0	-3.3%	
8.6%	57.7	56.5	-1.3	-2.2%	
9.9%	57.2	56.2	-1.0	-1.8%	
11.1%	57.0	56.1	-0.9	-1.6%	
12.3%	56.8	56.1	-0.7	-1.3%	
13.6%	56.8	56.1	-0.7	-1.2%	
14.8%	56.7	56.0	-0.7	-1.3%	
16.0%	56.0	56.0	0.0	0.0%	
17.3%	55.9	55.9	0.0	0.0%	
18.5%	55.9	55.9	0.0	0.1%	
19.8%	55.8	55.9	0.1	0.1%	
21.0%	55.7	55.8	0.0	0.1%	
22.2%	55.7	55.7	0.0	0.0%	
23.5%	55.7	55.7	0.0	0.0%	
24.7%	55.7	55.6	-0.1	-0.1%	
25.9%	55.6	55.6	0.0	0.0%	
27.2%	55.6	55.5	-0.1	-0.1%	
28.4%	55.6	55.4	-0.2	-0.3%	
29.6%	55.6	55.2	-0.4	-0.7%	
30.9%	55.4	55.2	-0.3	-0.5%	
32.1%	55.4	55.2	-0.2	-0.4%	
33.3%	55.4	55.1	-0.2	-0.4%	
34.5%	55.4	55.1	-0.3	-0.5%	
35.8%	55.3	55.1	-0.3	-0.5%	
37.0%	55.3	54.9	-0.4	-0.7%	
38.3%	55.3	54.9	-0.4	-0.7%	
39.5%	55.1	54.9	-0.2	-0.3%	
40.7%	54.9	54.9	0.0	-0.1%	
42.0%	54.9	54.8	-0.1	-0.1%	
43.2%	54.9	54.8	0.0	-0.1%	
44.4%	54.9	54.7	-0.1	-0.2%	
45.7%	54.8	54.7	-0.2	-0.3%	
46.9%	54.8	54.7	-0.2	-0.3%	
48.1%	54.8	54.6	-0.2	-0.3%	
49.4%	54.8	54.6	-0.2	-0.3%	
50.6%	54.7	54.6	-0.1	-0.2%	
51.9%	54.7	54.6	-0.2	-0.3%	
53.1%	54.7	54.6	-0.2	-0.3%	
54.3%	54.6	54.5	-0.1	-0.2%	
55.6%	54.6	54.5	-0.1	-0.1%	
56.8%	54.6	54.5	-0.1	-0.1%	
58.0%	54.6	54.5	0.0	-0.1%	
59.3%	54.6	54.5	-0.1	-0.2%	
60.5%	54.5	54.5	-0.1	-0.2%	
61.7%	54.5	54.4	-0.1	-0.1%	
63.0%	54.5	54.4	0.0	-0.1%	
64.2%	54.4	54.4	0.0	0.1%	
65.4%	54.3	54.4	0.1	0.1%	
66.7%	54.3	54.4	0.1	0.2%	
67.9%	54.3	54.4	0.1	0.2%	
69.1%	54.3	54.3	0.0	0.0%	
70.4%	54.3	54.3	0.0	0.0%	
71.6%	54.3	54.2	0.0	-0.1%	
72.8%	54.2	54.2	0.0	-0.1%	
74.1%	54.2	54.2	0.0	-0.1%	
75.3%	54.2	54.1	-0.1	-0.1%	
76.5%	54.2	54.1	-0.1	-0.1%	
77.8%	54.2	54.0	-0.1	-0.3%	
79.0%	54.0	54.0	0.1	0.1%	
80.2%	5				

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	55.1	51.3	46.6	44.8	46.2	49.3	52.6	54.9	54.8	55.5	56.5	57.4
Alternative D	54.5	51.0	46.9	45.0	46.2	49.4	53.0	55.0	55.0	55.5	56.1	56.8
Difference	-0.6	-0.3	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.0	-0.4	-0.6
Percent Difference ²	-1.1%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.0%	0.2%	0.0%	-0.7%	-1.1%
Water Year Types²												
Wet (32%)												
No Action Alternative	54.5	51.7	46.7	44.8	45.9	48.4	51.8	54.8	54.8	55.5	55.8	55.3
Alternative D	54.3	51.5	47.1	44.9	45.9	48.4	51.9	54.6	54.7	55.6	55.9	55.1
Difference	-0.3	-0.2	0.4	0.1	0.0	0.1	-0.2	-0.1	0.1	0.1	0.1	-0.2
Percent Difference	-0.5%	-0.4%	0.9%	0.3%	0.1%	0.1%	0.3%	-0.4%	-0.2%	0.3%	0.2%	-0.3%
Above Normal (15%)												
No Action Alternative	54.1	51.0	47.1	45.0	46.3	49.5	53.0	55.5	54.0	54.4	56.0	56.3
Alternative D	53.7	50.9	47.5	45.3	46.3	49.6	53.3	55.3	54.3	54.5	56.1	56.0
Difference	-0.4	-0.1	0.4	0.2	0.0	0.0	0.3	-0.3	0.3	0.1	0.1	-0.3
Percent Difference	-0.7%	-0.3%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.5%	0.5%	0.1%	0.2%	-0.6%
Below Normal (17%)												
No Action Alternative	53.8	50.7	46.9	44.6	45.9	49.2	53.0	55.0	54.4	54.7	55.5	57.0
Alternative D	53.3	50.5	47.1	44.8	45.9	49.3	53.6	55.0	54.5	54.8	55.5	56.6
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.5
Percent Difference	-1.0%	-0.5%	0.3%	0.5%	0.0%	0.1%	1.1%	0.1%	0.3%	0.1%	0.0%	-0.8%
Dry (22%)												
No Action Alternative	55.4	51.4	46.6	44.7	46.4	50.0	53.0	54.5	54.8	55.0	56.4	58.4
Alternative D	54.5	50.9	46.6	45.1	46.4	50.0	53.6	54.7	55.2	55.2	55.9	57.5
Difference	-0.9	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.4	0.2	-0.5	-0.8
Percent Difference	-1.7%	-0.9%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.8%	0.4%	-0.9%	-1.4%
Critical (15%)												
No Action Alternative	58.7	51.2	45.8	44.7	46.9	50.2	52.6	55.3	56.4	58.3	60.0	62.1
Alternative D	57.5	50.9	46.0	45.0	47.1	50.3	53.4	55.7	56.3	57.7	57.9	60.5
Difference	-1.1	-0.3	0.3	0.3	0.1	0.1	0.7	0.4	0.0	-0.7	-2.2	-1.6
Percent Difference	-1.9%	-0.6%	0.5%	0.6%	0.3%	0.3%	1.4%	0.7%	0.0%	-1.1%	-3.6%	-2.6%

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

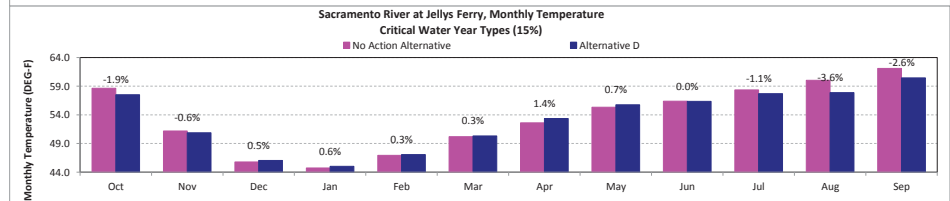
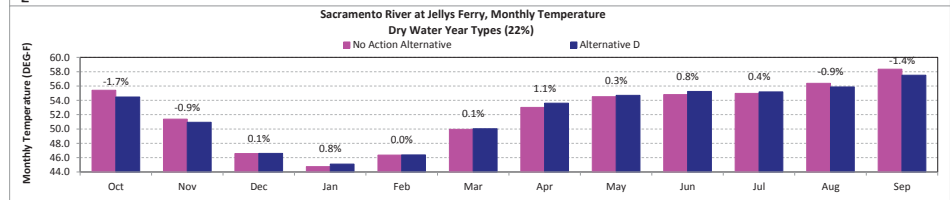
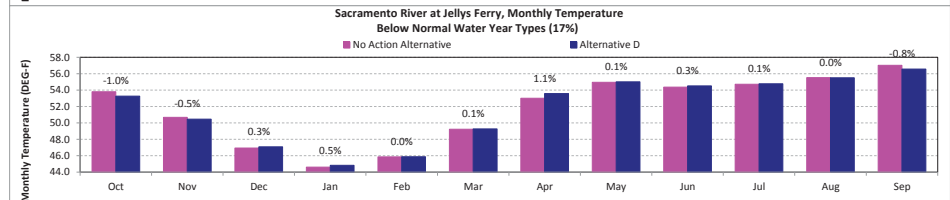
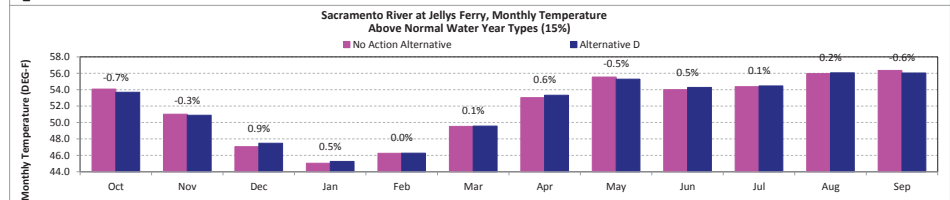
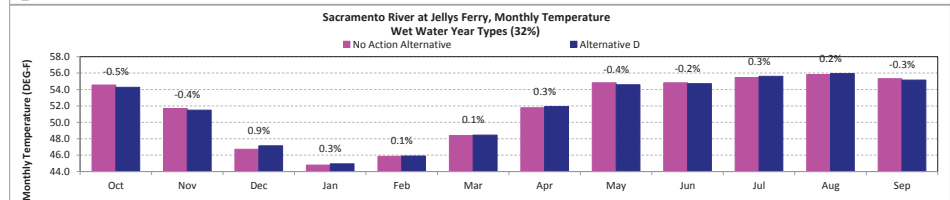
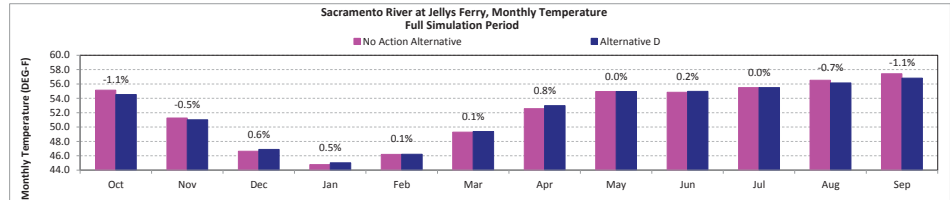


Figure SQ-04-9b
 Sacramento River at Jellys Ferry, Monthly Temperature
 Probability of Exceedance

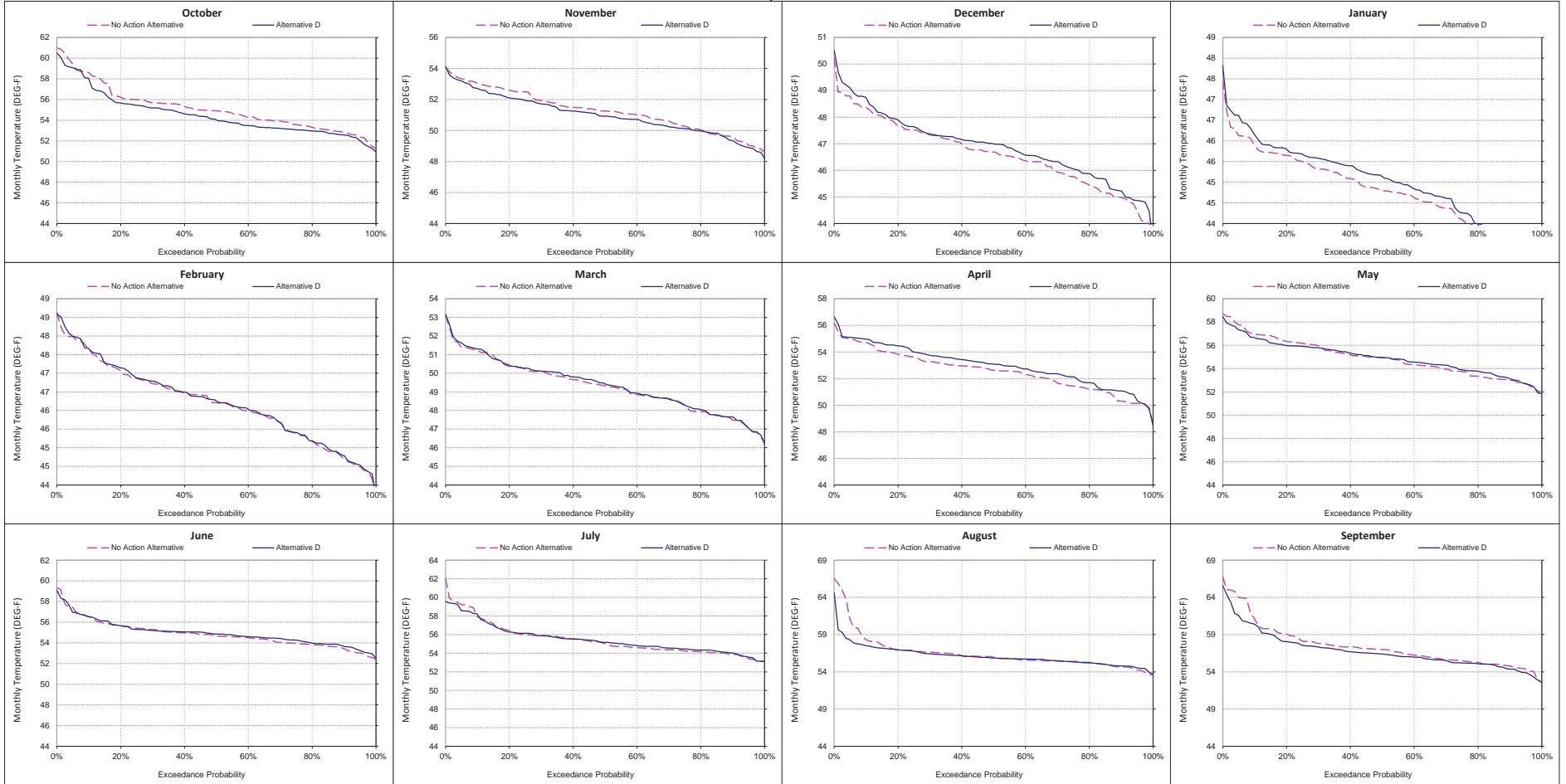


Table SQ-04-9b
 Sacramento River at Jellys Ferry, Monthly Temperature
 Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.0	60.5	-0.5	-0.8%	
1.2%	60.9	60.1	-0.8	-1.3%	
2.5%	60.5	59.5	-1.1	-1.9%	
3.7%	59.9	59.2	-0.7	-1.2%	
4.9%	59.5	59.1	-0.4	-0.6%	
6.2%	58.9	58.9	0.0	0.0%	
7.4%	58.7	58.9	0.2	0.3%	
8.6%	58.7	58.1	-0.6	-1.0%	
9.9%	58.6	58.1	-0.6	-1.0%	
11.1%	58.3	57.1	-1.2	-2.0%	
12.3%	58.2	56.9	-1.3	-2.3%	
13.6%	58.0	56.8	-1.2	-2.1%	
14.8%	57.6	56.7	-0.9	-1.6%	
16.0%	57.5	56.2	-1.3	-2.3%	
17.3%	56.4	56.0	-0.4	-0.7%	
18.5%	56.3	55.7	-0.6	-1.1%	
19.8%	56.3	55.7	-0.6	-1.1%	
21.0%	56.1	55.6	-0.5	-0.8%	
22.2%	56.0	55.6	-0.5	-0.8%	
23.5%	56.0	55.5	-0.5	-0.9%	
24.7%	56.0	55.4	-0.6	-1.0%	
25.9%	56.0	55.4	-0.6	-1.0%	
27.2%	56.0	55.4	-0.6	-1.1%	
28.4%	55.8	55.2	-0.6	-1.0%	
29.6%	55.7	55.2	-0.5	-0.9%	
30.9%	55.7	55.2	-0.5	-0.9%	
32.1%	55.7	55.2	-0.5	-0.9%	
33.3%	55.6	55.0	-0.6	-1.0%	
34.5%	55.6	55.0	-0.6	-1.1%	
35.8%	55.6	55.0	-0.6	-1.1%	
37.0%	55.6	54.9	-0.7	-1.3%	
38.3%	55.5	54.8	-0.8	-1.4%	
39.5%	55.4	54.6	-0.8	-1.4%	
40.7%	55.2	54.6	-0.6	-1.2%	
42.0%	55.2	54.5	-0.7	-1.2%	
43.2%	55.0	54.5	-0.5	-1.0%	
44.4%	55.0	54.4	-0.6	-1.1%	
45.7%	55.0	54.4	-0.6	-1.1%	
46.9%	55.0	54.3	-0.6	-1.1%	
48.1%	54.9	54.1	-0.8	-1.5%	
49.4%	54.9	54.1	-0.8	-1.5%	
50.6%	54.9	53.9	-1.0	-1.7%	
51.9%	54.8	53.9	-0.9	-1.7%	
53.1%	54.8	53.9	-1.0	-1.8%	
54.3%	54.7	53.8	-1.0	-1.8%	
55.6%	54.6	53.7	-0.9	-1.6%	
56.8%	54.5	53.7	-0.8	-1.5%	
58.0%	54.5	53.5	-1.0	-1.7%	
59.3%	54.3	53.5	-0.8	-1.5%	
60.5%	54.3	53.5	-0.9	-1.6%	
61.7%	54.3	53.4	-0.9	-1.6%	
63.0%	54.1	53.3	-0.7	-1.3%	
64.2%	54.1	53.3	-0.7	-1.4%	
65.4%	54.0	53.3	-0.7	-1.4%	
66.7%	54.0	53.3	-0.7	-1.4%	
67.9%	53.9	53.2	-0.7	-1.3%	
69.1%	53.9	53.2	-0.7	-1.3%	
70.4%	53.9	53.2	-0.7	-1.3%	
71.6%	53.8	53.1	-0.7	-1.2%	
72.8%	53.8	53.1	-0.7	-1.2%	
74.1%	53.6	53.1	-0.5	-0.9%	
75.3%	53.6	53.1	-0.5	-0.9%	
76.5%	53.5	53.0	-0.5	-0.9%	
77.8%	53.5	53.0	-0.5	-0.9%	
79.0%	53.4	53.0	-0.4	-0.8%	
80.2%	53.3	52.9	-0.3	-0.6%	
81.5%	53.2	52.9	-0.3	-0.5%	
82.7%	53.2	52.9	-0.2	-0.4%	
84.0%	53.1	52.9	-0.2	-0.5%	
85.2%	53.1	52.7	-0.3	-0.6%	
86.4%	53.0	52.7	-0.3	-0.5%	
87.7%	52.9	52.6	-0.3	-0.5%	
88.9%	52.9	52.6	-0.3	-0.5%	
90.1%	52.8	52.6	-0.3	-0.5%	
91.4%	52.7	52.5	-0.2	-0.4%	
92.6%	52.6	52.4	-0.2	-0.5%	
93.8%	52.6	52.3	-0.3	-0.5%	
95.1%	52.3	52.0	-0.3	-0.7%	
96.3%	52.3	51.7	-0.7	-1.3%	
97.5%	51.8	51.5	-0.4	-0.7%	
98.8%	51.5	51.3	-0.2	-0.4%	
100.0%	51.3	50.9	-0.4	-0.6%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.1	54.1	0.0	0.0%	
1.2%	53.8	53.8	-0.2	-0.4%	
2.5%	53.6	53.4	-0.2	-0.4%	
3.7%	53.4	53.3	-0.2	-0.3%	
4.9%	53.3	53.2	-0.1	-0.2%	
6.2%	53.3	53.1	-0.2	-0.4%	
7.4%	53.2	53.0	-0.2	-0.4%	
8.6%	53.2	52.8	-0.4	-0.8%	
9.9%	53.0	52.7	-0.3	-0.6%	
11.1%	53.0	52.6	-0.4	-0.7%	
12.3%	52.9	52.6	-0.3	-0.6%	
13.6%	52.9	52.4	-0.5	-0.9%	
14.8%	52.8	52.4	-0.4	-0.8%	
16.0%	52.8	52.3	-0.5	-0.9%	
17.3%	52.8	52.3	-0.5	-0.9%	
18.5%	52.7	52.2	-0.5	-0.9%	
19.8%	52.6	52.1	-0.5	-0.9%	
21.0%	52.6	52.1	-0.5	-0.9%	
22.2%	52.5	52.0	-0.5	-0.9%	
23.5%	52.5	52.0	-0.5	-0.9%	
24.7%	52.5	51.9	-0.5	-1.0%	
25.9%	52.5	51.9	-0.5	-1.0%	
27.2%	52.1	51.9	-0.2	-0.5%	
28.4%	52.0	51.8	-0.2	-0.3%	
29.6%	52.0	51.7	-0.2	-0.4%	
30.9%	51.9	51.7	-0.2	-0.3%	
32.1%	51.9	51.7	-0.2	-0.3%	
33.3%	51.8	51.6	-0.2	-0.4%	
34.5%	51.8	51.5	-0.3	-0.5%	
35.8%	51.6	51.3	-0.3	-0.6%	
37.0%	51.6	51.3	-0.3	-0.6%	
38.3%	51.5	51.3	-0.2	-0.5%	
39.5%	51.5	51.3	-0.3	-0.5%	
40.7%	51.5	51.2	-0.2	-0.5%	
42.0%	51.5	51.2	-0.3	-0.5%	
43.2%	51.5	51.2	-0.3	-0.6%	
44.4%	51.4	51.1	-0.3	-0.5%	
45.7%	51.4	51.1	-0.3	-0.5%	
46.9%	51.3	51.1	-0.2	-0.5%	
48.1%	51.3	50.9	-0.3	-0.6%	
49.4%	51.3	50.9	-0.3	-0.6%	
50.6%	51.2	50.9	-0.3	-0.6%	
51.9%	51.2	50.9	-0.3	-0.7%	
53.1%	51.2	50.9	-0.3	-0.7%	
54.3%	51.2	50.8	-0.4	-0.7%	
55.6%	51.1	50.8	-0.3	-0.7%	
56.8%	51.1	50.7	-0.4	-0.7%	
58.0%	51.1	50.7	-0.3	-0.6%	
59.3%	51.0	50.7	-0.3	-0.6%	
60.5%	51.0	50.7	-0.3	-0.5%	
61.7%	51.0	50.6	-0.4	-0.8%	
63.0%	50.9	50.5	-0.4	-0.8%	
64.2%	50.8	50.5	-0.3	-0.6%	
65.4%	50.7	50.4	-0.4	-0.7%	
66.7%	50.7	50.4	-0.3	-0.7%	
67.9%	50.7	50.3	-0.3	-0.7%	
69.1%	50.6	50.3	-0.4	-0.7%	
70.4%	50.6	50.2	-0.4	-0.7%	
71.6%	50.4	50.2	-0.2	-0.5%	
72.8%	50.4	50.2	-0.2	-0.5%	
74.1%	50.3	50.1	-0.2	-0.3%	
75.3%	50.3	50.1	-0.2	-0.3%	
76.5%	50.2	50.1	-0.1	-0.1%	
77.8%	50.1	50.0	-0.1	-0.2%	
79.0%	50.1	50.0	-0.1	-0.2%	
80.2%	50.0	50.0	-0.1	-0.1%	
81.5%	50.0	49.9	-0.1	-0.1%	
82.7%	49.8	49.9	0.1	0.2%	
84.0%	49.8	49.8	0.1	0.1%	
85.2%	49.7	49.8	0.1	0.2%	
86.4%	49.7	49.7	0.0	0.0%	
87.7%	49.6	49.6	-0.1	-0.1%	
88.9%	49.6	49.4	-0.3	-0.5%	
90.1%	49.6	49.3	-0.2	-0.5%	
91.4%	49.4	49.2	-0.2	-0.4%	
92.6%	49.3	49.0	-0.2	-0.5%	
93.8%	49.3	49.0	-0.3	-0.6%	
95.1%	49.0	48.9	-0.1	-0.3%	
96.3%	49.0	48.6	-0.2	-0.4%	
97.5%	48.9	48.6	-0.2	-0.5%	
98.8%	48.8	48.6	-0.2	-0.4%	
100.0%	48.6	48.2	-0.4	-0.8%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.2	50.5	0.3	0.6%	
1.2%	48.9	49.7	0.7	1.5%	
2.5%	48.9	49.3	0.4	0.8%	
3.7%	48.8	49.2	0.4	0.9%	
4.9%	48.8	49.1	0.3	0.6%	
6.2%	48.5	48.9	0.4	0.8%	
7.4%	48.5	48.8	0.3	0.6%	
8.6%	48.4	48.8	0.4	0.9%	
9.9%	48.4	48.7	0.4	0.8%	
11.1%	48.3	48.5	0.2	0.4%	
12.3%	48.1	48.4	0.3	0.6%	
13.6%	48.1	48.2	0.1	0.2%	
14.8%	48.0	48.2	0.1	0.2%	
16.0%	47.9	48.1	0.1	0.3%	
17.3%	47.9	48.0	0.1	0.2%	
18.5%	47.9	47.9	0.1	0.2%	
19.8%	47.7	47.9	0.2	0.5%	
21.0%	47.7	47.8	0.1	0.2%	
22.2%	47.5	47.7	0.1	0.3%	
23.5%	47.5	47.7	0.1	0.3%	
24.7%	47.5	47.6	0.1	0.3%	
25.9%	47.5	47.6	0.1	0.3%	
27.2%	47.4	47.5	0.1	0.2%	
28.4%	47.4	47.4	0.0	0.1%	
29.6%	47.4	47.4	0.0	-0.1%	
30.9%	47.4	47.3	0.0	-0.1%	
32.1%	47.3	47.3	0.0	-0.1%	
33.3%	47.2	47.3	0.1	0.1%	
34.5%	47.2	47.3	0.1	0.2%	
35.8%	47.2	47.3	0.1	0.2%	
37.0%	47.1	47.3	0.1	0.3%	
38.3%	47.1	47.2	0.1	0.3%	
39.5%	47.1	47.2	0.1	0.3%	
40.7%	46.9	47.1	0.2	0.5%	
42.0%	46.9	47.1	0.3	0.7%	
43.2%	46.8	47.1	0.3	0.7%	
44.4%	46.8	47.1	0.3	0.6%	
45.7%	46.8	47.1	0.3	0.6%	
46.9%	46.7	47.1	0.3	0.7%	
48.1%	46.7	47.0	0.3	0.7%	
49.4%	46.7	47.0	0.3	0.7%	
50.6%	46.7	47.0	0.3	0.7%	
51.9%	46.6	47.0	0.4	0.8%	
53.1%	46.5	47.0	0.4	0.9%	
54.3%	46.5	46.9	0.3	0.7%	
55.6%	46.5	46.8	0.3	0.7%	
56.8%	46.5	46.7	0.3	0.5%	
58.0%	46.4	46.7	0.2	0.5%	
59.3%	46.4	46.6	0.2	0.5%	
60.5%	46.3	46.6	0.2	0.5%	
61.7%	46.3	46.6	0.2	0.5%	
63.0%	46.3	46.6	0.2	0.5%	
64.2%	46.3	46.5	0.2	0.4%	
65.4%	46.3	46.4	0.1	0.2%	
66.7%	46.2	46.4	0.2	0.5%	
67.9%	46.1	46.4	0.2	0.5%	
69.1%	46.0	46.3	0.4	0.8%	
70.4%	45.9	46.3	0.4	0.9%	
71.6%	45.9	46.2	0.3	0.7%	
72.8%	45.8	46.1	0.3	0.7%	
74.1%	45.8	46.1	0.3	0.7%	
75.3%	45.8	46.0	0.3	0.6%	
76.5%	45.7	46.0	0.4	0.8%	
77.8%	45.6	45.9	0.3	0.7%	
79.0%	45.5	45.9	0.4	0.8%	
80.2%					

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

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.6	48.6	-0.1	-0.1%	
1.2%	48.2	48.5	0.3	0.6%	
2.5%	48.0	48.0	0.2	0.4%	
3.7%	48.0	48.1	0.1	0.2%	
4.9%	48.0	48.0	0.0	0.0%	
6.2%	47.9	48.0	0.1	0.2%	
7.4%	47.9	47.9	0.1	0.1%	
8.6%	47.8	47.7	-0.1	-0.2%	
9.9%	47.6	47.7	0.0	0.1%	
11.1%	47.5	47.6	0.0	0.1%	
12.3%	47.5	47.5	0.1	0.2%	
13.6%	47.3	47.5	0.2	0.4%	
14.8%	47.3	47.3	0.0	0.0%	
16.0%	47.2	47.2	0.1	0.1%	
17.3%	47.2	47.2	0.0	0.1%	
18.5%	47.1	47.2	0.1	0.1%	
19.8%	47.1	47.1	0.1	0.1%	
21.0%	47.0	47.1	0.2	0.3%	
22.2%	47.0	47.1	0.1	0.2%	
23.5%	46.9	47.0	0.1	0.2%	
24.7%	46.9	46.9	0.0	0.0%	
25.9%	46.9	46.9	0.0	0.0%	
27.2%	46.8	46.8	0.0	0.1%	
28.4%	46.8	46.8	0.0	0.0%	
29.6%	46.7	46.8	0.1	0.1%	
30.9%	46.7	46.8	0.1	0.1%	
32.1%	46.7	46.7	0.0	0.1%	
33.3%	46.6	46.7	0.0	0.0%	
34.5%	46.6	46.7	0.1	0.1%	
35.8%	46.6	46.6	0.1	0.1%	
37.0%	46.5	46.5	0.0	0.0%	
38.3%	46.5	46.5	0.0	0.0%	
39.5%	46.5	46.5	0.0	0.1%	
40.7%	46.4	46.5	0.0	0.1%	
42.0%	46.4	46.4	0.0	-0.1%	
43.2%	46.4	46.4	0.0	-0.1%	
44.4%	46.4	46.4	0.0	-0.1%	
45.7%	46.4	46.4	0.0	-0.1%	
46.9%	46.4	46.3	-0.1	-0.2%	
48.1%	46.2	46.3	0.1	0.2%	
49.4%	46.2	46.3	0.1	0.2%	
50.6%	46.2	46.2	0.0	0.0%	
51.9%	46.2	46.2	0.0	0.0%	
53.1%	46.2	46.2	0.0	0.0%	
54.3%	46.1	46.2	0.0	0.0%	
55.6%	46.1	46.1	0.0	0.1%	
56.8%	46.1	46.1	0.0	0.0%	
58.0%	46.0	46.1	0.1	0.1%	
59.3%	46.0	46.1	0.1	0.2%	
60.5%	46.0	46.0	0.0	0.1%	
61.7%	45.9	46.0	0.1	0.1%	
63.0%	45.9	46.0	0.0	0.1%	
64.2%	45.9	46.0	0.0	0.0%	
65.4%	45.9	45.9	0.0	0.0%	
66.7%	45.8	45.9	0.1	0.1%	
67.9%	45.8	45.8	0.0	0.0%	
69.1%	45.7	45.7	0.0	0.0%	
70.4%	45.6	45.7	0.0	0.1%	
71.6%	45.5	45.5	-0.1	-0.1%	
72.8%	45.2	45.5	0.0	0.0%	
74.1%	45.4	45.4	0.0	0.0%	
75.3%	45.4	45.4	0.0	0.1%	
76.5%	45.4	45.3	0.0	-0.1%	
77.8%	45.3	45.3	0.0	0.0%	
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	0.1%	
82.7%	45.0	45.1	0.1	0.2%	
84.0%	45.0	45.1	0.1	0.2%	
85.2%	44.9	45.0	0.1	0.1%	
86.4%	44.9	44.9	0.0	0.0%	
87.7%	44.9	44.9	0.0	0.1%	
88.9%	44.8	44.8	0.0	0.1%	
90.1%	44.7	44.8	0.1	0.2%	
91.4%	44.7	44.6	0.0	-0.1%	
92.6%	44.6	44.6	0.0	0.1%	
93.8%	44.5	44.6	0.0	0.1%	
95.1%	44.5	44.5	0.0	0.1%	
96.3%	44.4	44.4	0.0	0.1%	
97.5%	44.4	44.4	0.0	0.0%	
98.8%	44.2	44.3	0.1	0.3%	
100.0%	43.7	43.7	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.1	53.2	0.1	0.1%	
1.2%	52.4	52.6	0.2	0.4%	
2.5%	51.8	51.9	0.2	0.4%	
3.7%	51.7	51.7	0.0	0.1%	
4.9%	51.4	51.6	0.2	0.5%	
6.2%	51.4	51.5	0.1	0.2%	
7.4%	51.3	51.4	0.1	0.1%	
8.6%	51.3	51.4	0.1	0.2%	
9.9%	51.3	51.3	0.0	0.1%	
11.1%	51.1	51.3	0.2	0.3%	
12.3%	51.1	51.2	0.0	0.1%	
13.6%	51.1	50.9	-0.1	-0.2%	
14.8%	51.0	50.8	-0.2	-0.4%	
16.0%	50.7	50.7	0.0	0.0%	
17.3%	50.6	50.7	0.1	0.1%	
18.5%	50.5	50.5	-0.1	-0.1%	
19.8%	50.5	50.4	-0.1	-0.1%	
21.0%	50.3	50.4	0.0	0.1%	
22.2%	50.3	50.4	0.0	0.1%	
23.5%	50.3	50.3	0.0	-0.1%	
24.7%	50.2	50.3	0.0	0.1%	
25.9%	50.1	50.3	0.0	0.1%	
27.2%	50.1	50.2	0.1	0.1%	
28.4%	50.1	50.1	0.0	0.1%	
29.6%	50.1	50.1	0.0	0.1%	
30.9%	50.1	50.1	0.0	0.1%	
32.1%	50.0	50.1	0.1	0.2%	
33.3%	49.9	50.1	0.2	0.3%	
34.5%	49.9	50.0	0.2	0.4%	
35.8%	49.8	50.0	0.2	0.4%	
37.0%	49.8	49.9	0.1	0.1%	
38.3%	49.7	49.9	0.1	0.3%	
39.5%	49.7	49.8	0.1	0.3%	
40.7%	49.6	49.8	0.1	0.3%	
42.0%	49.6	49.8	0.2	0.3%	
43.2%	49.6	49.7	0.1	0.3%	
44.4%	49.5	49.7	0.2	0.4%	
45.7%	49.4	49.7	0.2	0.4%	
46.9%	49.4	49.6	0.2	0.4%	
48.1%	49.4	49.5	0.1	0.2%	
49.4%	49.3	49.5	0.1	0.3%	
50.6%	49.3	49.4	0.1	0.1%	
51.9%	49.3	49.3	0.1	0.2%	
53.1%	49.3	49.3	0.1	0.1%	
54.3%	49.2	49.3	0.1	0.2%	
55.6%	49.2	49.3	0.1	0.2%	
56.8%	49.1	49.1	0.0	0.0%	
58.0%	48.9	49.0	0.1	0.1%	
59.3%	48.9	48.9	0.1	0.1%	
60.5%	48.8	48.9	0.1	0.1%	
61.7%	48.8	48.9	0.0	0.1%	
63.0%	48.8	48.8	0.0	0.1%	
64.2%	48.8	48.8	0.0	0.1%	
65.4%	48.7	48.7	0.0	0.0%	
66.7%	48.7	48.7	0.0	0.0%	
67.9%	48.7	48.7	0.0	0.0%	
69.1%	48.7	48.7	0.0	0.0%	
70.4%	48.6	48.6	-0.1	-0.1%	
71.6%	48.5	48.5	0.0	0.0%	
72.8%	48.5	48.5	0.0	0.1%	
74.1%	48.4	48.4	0.0	0.0%	
75.3%	48.2	48.2	0.0	0.0%	
76.5%	48.0	48.2	0.2	0.4%	
77.8%	47.9	48.1	0.1	0.3%	
79.0%	47.9	48.1	0.1	0.3%	
80.2%	47.9	48.0	0.1	0.2%	
81.5%	47.9	48.0	0.1	0.1%	
82.7%	47.8	47.8	-0.1	-0.1%	
84.0%	47.8	47.8	0.0	0.0%	
85.2%	47.7	47.8	0.0	0.1%	
86.4%	47.7	47.7	0.0	-0.1%	
87.7%	47.6	47.7	0.0	0.1%	
88.9%	47.6	47.7	0.0	0.1%	
90.1%	47.5	47.7	0.2	0.4%	
91.4%	47.5	47.5	0.0	0.0%	
92.6%	47.4	47.5	0.1	0.1%	
93.8%	47.2	47.2	0.0	0.0%	
95.1%	47.0	47.0	0.0	0.0%	
96.3%	46.9	47.0	0.0	0.0%	
97.5%	46.8	46.8	0.0	0.0%	
98.8%	46.6	46.7	0.1	0.2%	
100.0%	46.2	46.2	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.2	56.6	0.4	0.8%	
1.2%	55.5	56.1	0.6	1.1%	
2.5%	55.1	55.2	0.1	0.2%	
3.7%	55.0	55.1	0.1	0.1%	
4.9%	54.9	55.1	0.2	0.3%	
6.2%	54.9	55.1	0.1	0.3%	
7.4%	54.8	55.0	0.2	0.4%	
8.6%	54.7	55.0	0.3	0.5%	
9.9%	54.7	55.0	0.3	0.5%	
11.1%	54.6	54.9	0.3	0.6%	
12.3%	54.5	54.7	0.2	0.5%	
13.6%	54.1	54.7	0.6	1.1%	
14.8%	54.1	54.7	0.6	1.1%	
16.0%	54.0	54.6	0.5	1.0%	
17.3%	54.0	54.5	0.5	1.0%	
18.5%	53.9	54.5	0.6	1.1%	
19.8%	53.8	54.5	0.6	1.2%	
21.0%	53.8	54.4	0.7	1.3%	
22.2%	53.7	54.4	0.6	1.2%	
23.5%	53.7	54.3	0.6	1.1%	
24.7%	53.6	54.0	0.4	0.7%	
25.9%	53.5	54.0	0.4	0.7%	
27.2%	53.4	53.9	0.5	1.0%	
28.4%	53.3	53.8	0.6	1.1%	
29.6%	53.3	53.8	0.5	0.9%	
30.9%	53.3	53.7	0.4	0.8%	
32.1%	53.2	53.7	0.5	0.9%	
33.3%	53.2	53.7	0.5	0.9%	
34.5%	53.1	53.6	0.5	0.9%	
35.8%	53.0	53.6	0.5	1.0%	
37.0%	53.0	53.5	0.5	1.0%	
38.3%	53.0	53.5	0.5	0.9%	
39.5%	53.0	53.4	0.5	0.9%	
40.7%	52.9	53.4	0.5	0.9%	
42.0%	52.9	53.4	0.4	0.8%	
43.2%	52.9	53.3	0.4	0.8%	
44.4%	52.9	53.3	0.4	0.8%	
45.7%	52.9	53.2	0.4	0.7%	
46.9%	52.8	53.2	0.4	0.8%	
48.1%	52.7	53.1	0.4	0.7%	
49.4%	52.6	53.1	0.5	0.9%	
50.6%	52.6	53.1	0.4	0.8%	
51.9%	52.6	53.1	0.5	0.9%	
53.1%	52.6	53.0	0.4	0.8%	
54.3%	52.6	52.9	0.4	0.7%	
55.6%	52.6	52.9	0.4	0.7%	
56.8%	52.5	52.9	0.4	0.8%	
58.0%	52.5	52.8	0.3	0.5%	
59.3%	52.4	52.7	0.4	0.7%	
60.5%	52.3	52.7	0.4	0.8%	
61.7%	52.2	52.6	0.4	0.7%	
63.0%	52.1	52.5	0.4	0.8%	
64.2%	52.1	52.5	0.4	0.8%	
65.4%	52.1	52.5	0.4	0.8%	
66.7%	52.0	52.4	0.4	0.7%	
67.9%	52.0	52.4	0.4	0.8%	
69.1%	51.8	52.4	0.6	1.1%	
70.4%	51.6	52.3	0.7	1.4%	
71.6%	51.6	52.2	0.7	1.3%	
72.8%	51.5	52.2	0.7	1.3%	
74.1%	51.4	52.1	0.7	1.3%	
75.3%	51.4	52.1	0.7	1.3%	
76.5%	51.4	51.9	0.5	1.0%	
77.8%	51.3	51.7	0.4	0.8%	
79.0%	51.3	51.7	0.4	0.9%	
80.2%					

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

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.3	59.1	-0.2	-0.4%
1.2%	59.1	58.3	-0.8	-1.4%
2.5%	57.9	59.2	0.4	0.7%
3.7%	57.5	57.7	0.3	0.5%
4.9%	57.4	56.9	-0.5	-0.9%
6.2%	56.8	56.9	0.1	0.1%
7.4%	56.8	56.7	-0.1	-0.2%
8.6%	56.7	56.7	0.0	0.0%
9.9%	56.5	56.6	0.0	0.1%
11.1%	56.5	56.5	0.0	0.1%
12.3%	56.1	56.2	0.2	0.4%
13.6%	56.0	56.1	0.1	0.2%
14.8%	55.9	56.1	0.3	0.5%
16.0%	55.9	56.1	0.3	0.5%
17.3%	55.8	55.7	0.0	-0.1%
18.5%	55.7	55.7	0.0	0.0%
19.8%	55.7	55.7	0.0	0.0%
21.0%	55.6	55.6	0.0	0.1%
22.2%	55.6	55.6	0.0	0.0%
23.5%	55.5	55.3	-0.2	-0.3%
24.7%	55.4	55.3	-0.1	-0.2%
25.9%	55.3	55.3	0.0	0.1%
27.2%	55.4	55.3	-0.1	-0.2%
28.4%	55.3	55.2	-0.1	-0.1%
29.6%	55.3	55.2	-0.1	-0.1%
30.9%	55.3	55.2	-0.1	-0.2%
32.1%	55.1	55.2	0.1	0.1%
33.3%	55.1	55.1	0.0	0.1%
34.5%	55.1	55.1	0.1	0.1%
35.8%	55.0	55.1	0.1	0.2%
37.0%	55.0	55.1	0.1	0.2%
38.3%	55.0	55.1	0.1	0.2%
39.5%	55.0	55.1	0.1	0.2%
40.7%	55.0	55.1	0.1	0.2%
42.0%	55.0	55.1	0.1	0.2%
43.2%	54.9	55.1	0.1	0.2%
44.4%	54.8	55.0	0.2	0.4%
45.7%	54.8	55.0	0.2	0.4%
46.9%	54.8	55.0	0.1	0.3%
48.1%	54.8	54.9	0.1	0.2%
49.4%	54.7	54.9	0.2	0.4%
50.6%	54.7	54.9	0.2	0.4%
51.9%	54.6	54.8	0.2	0.4%
53.1%	54.6	54.8	0.2	0.3%
54.3%	54.6	54.8	0.2	0.4%
55.6%	54.6	54.7	0.1	0.3%
56.8%	54.6	54.7	0.1	0.2%
58.0%	54.6	54.7	0.1	0.2%
59.3%	54.5	54.6	0.1	0.2%
60.5%	54.5	54.6	0.1	0.2%
61.7%	54.4	54.6	0.1	0.2%
63.0%	54.4	54.6	0.2	0.3%
64.2%	54.4	54.5	0.1	0.2%
65.4%	54.4	54.5	0.1	0.2%
66.7%	54.3	54.5	0.2	0.4%
67.9%	54.2	54.5	0.3	0.5%
69.1%	54.0	54.4	0.4	0.7%
70.4%	54.0	54.4	0.4	0.7%
71.6%	54.0	54.3	0.3	0.6%
72.8%	54.0	54.3	0.3	0.6%
74.1%	54.0	54.3	0.3	0.5%
75.3%	53.9	54.3	0.4	0.7%
76.5%	53.9	54.2	0.3	0.5%
77.8%	53.9	54.1	0.2	0.4%
79.0%	53.9	54.1	0.2	0.4%
80.2%	53.8	54.0	0.2	0.3%
81.5%	53.8	53.9	0.1	0.3%
82.7%	53.8	53.9	0.1	0.2%
84.0%	53.7	53.9	0.1	0.3%
85.2%	53.7	53.9	0.2	0.4%
86.4%	53.6	53.9	0.2	0.4%
87.7%	53.6	53.9	0.2	0.4%
88.9%	53.5	53.8	0.2	0.4%
90.1%	53.4	53.6	0.2	0.4%
91.4%	53.2	53.6	0.4	0.7%
92.6%	53.2	53.6	0.4	0.7%
93.8%	53.0	53.4	0.4	0.7%
95.1%	53.0	53.2	0.2	0.4%
96.3%	52.9	53.1	0.2	0.4%
97.5%	52.7	53.0	0.4	0.7%
98.8%	52.6	53.0	0.4	0.7%
100.0%	52.4	52.5	0.1	0.2%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	62.0	59.6	-2.4	-3.9%
1.2%	59.9	59.4	-0.5	-0.8%
2.5%	59.6	59.4	-0.3	-0.4%
3.7%	59.5	59.2	-0.2	-0.3%
4.9%	59.2	58.6	-0.7	-1.1%
6.2%	59.2	58.5	-0.7	-1.1%
7.4%	59.0	58.5	-0.5	-0.8%
8.6%	58.9	58.3	-0.6	-1.1%
9.9%	57.9	58.2	0.3	0.5%
11.1%	57.7	57.6	-0.1	-0.3%
12.3%	57.6	57.5	-0.1	-0.2%
13.6%	57.4	57.2	-0.2	-0.4%
14.8%	57.2	57.0	-0.2	-0.4%
16.0%	56.8	56.8	0.0	0.0%
17.3%	56.7	56.6	-0.1	-0.2%
18.5%	56.5	56.4	-0.1	-0.2%
19.8%	56.5	56.3	-0.2	-0.4%
21.0%	56.2	56.3	0.0	0.0%
22.2%	56.1	56.2	0.0	0.1%
23.5%	56.0	56.1	0.1	0.2%
24.7%	56.0	56.1	0.2	0.3%
25.9%	55.9	56.1	0.2	0.3%
27.2%	55.9	56.1	0.2	0.3%
28.4%	55.9	55.9	0.0	0.0%
29.6%	55.9	55.9	0.0	0.0%
30.9%	55.9	55.9	0.0	0.0%
32.1%	55.9	55.9	0.0	0.0%
33.3%	55.9	55.8	-0.1	-0.1%
34.5%	55.9	55.7	-0.1	-0.2%
35.8%	55.7	55.6	-0.1	-0.2%
37.0%	55.7	55.6	-0.1	-0.2%
38.3%	55.6	55.6	-0.1	-0.2%
39.5%	55.5	55.6	0.0	0.1%
40.7%	55.5	55.5	0.0	0.0%
42.0%	55.5	55.5	0.0	0.1%
43.2%	55.4	55.5	0.1	0.1%
44.4%	55.4	55.4	0.1	0.1%
45.7%	55.2	55.4	0.1	0.3%
46.9%	55.2	55.3	0.1	0.2%
48.1%	55.2	55.2	0.0	0.0%
49.4%	55.1	55.2	0.1	0.2%
50.6%	55.0	55.2	0.2	0.3%
51.9%	54.8	55.1	0.3	0.6%
53.1%	54.7	55.1	0.4	0.7%
54.3%	54.7	55.0	0.3	0.5%
55.6%	54.7	55.0	0.3	0.5%
56.8%	54.7	54.9	0.2	0.4%
58.0%	54.6	54.9	0.2	0.5%
59.3%	54.6	54.9	0.2	0.4%
60.5%	54.6	54.8	0.2	0.4%
61.7%	54.6	54.8	0.2	0.4%
63.0%	54.5	54.8	0.2	0.4%
64.2%	54.5	54.7	0.2	0.4%
65.4%	54.4	54.7	0.3	0.6%
66.7%	54.4	54.7	0.3	0.6%
67.9%	54.4	54.6	0.2	0.4%
69.1%	54.4	54.6	0.2	0.3%
70.4%	54.4	54.5	0.2	0.3%
71.6%	54.4	54.5	0.2	0.3%
72.8%	54.4	54.5	0.2	0.3%
74.1%	54.3	54.5	0.2	0.3%
75.3%	54.2	54.5	0.2	0.4%
76.5%	54.2	54.4	0.2	0.4%
77.8%	54.2	54.4	0.2	0.3%
79.0%	54.2	54.3	0.2	0.3%
80.2%	54.2	54.3	0.1	0.3%
81.5%	54.2	54.3	0.2	0.3%
82.7%	54.1	54.3	0.3	0.5%
84.0%	54.1	54.3	0.2	0.4%
85.2%	54.0	54.2	0.2	0.3%
86.4%	54.0	54.1	0.1	0.2%
87.7%	54.0	54.1	0.1	0.2%
88.9%	53.9	54.1	0.2	0.3%
90.1%	53.9	54.0	0.2	0.3%
91.4%	53.9	53.9	0.1	0.1%
92.6%	53.8	53.7	-0.1	-0.2%
93.8%	53.7	53.6	-0.1	-0.1%
95.1%	53.4	53.6	0.2	0.3%
96.3%	53.1	54.2	1.1	2.1%
97.5%	53.2	53.2	-0.1	-0.2%
98.8%	53.2	53.2	0.0	0.0%
100.0%	53.1	53.1	0.0	0.0%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	66.5	64.6	-1.9	-2.9%
1.2%	65.9	64.6	-1.3	-2.0%
2.5%	65.0	63.8	-1.2	-1.8%
3.7%	64.7	63.2	-1.5	-2.3%
4.9%	61.0	58.3	-2.7	-4.4%
6.2%	60.0	57.9	-2.1	-3.5%
7.4%	59.9	57.8	-2.1	-3.5%
8.6%	58.8	57.7	-1.1	-1.9%
9.9%	58.3	57.5	-0.8	-1.4%
11.1%	58.1	57.5	-0.7	-1.1%
12.3%	58.1	57.3	-0.7	-1.3%
13.6%	58.0	57.2	-0.8	-1.4%
14.8%	57.7	57.2	-0.5	-0.8%
16.0%	57.4	57.1	-0.3	-0.4%
17.3%	57.2	57.1	-0.1	-0.2%
18.5%	57.0	57.1	0.0	0.1%
19.8%	57.0	56.9	-0.1	-0.1%
21.0%	56.9	56.9	0.0	0.0%
22.2%	56.9	56.9	0.0	0.0%
23.5%	56.9	56.9	0.0	-0.1%
24.7%	56.9	56.8	-0.1	-0.2%
25.9%	56.7	56.7	0.0	0.0%
27.2%	56.7	56.6	-0.1	-0.2%
28.4%	56.6	56.5	-0.2	-0.3%
29.6%	56.6	56.4	-0.2	-0.4%
30.9%	56.6	56.4	-0.2	-0.4%
32.1%	56.6	56.4	-0.2	-0.3%
33.3%	56.6	56.3	-0.2	-0.4%
34.5%	56.5	56.3	-0.2	-0.4%
35.8%	56.5	56.2	-0.2	-0.4%
37.0%	56.4	56.2	-0.2	-0.4%
38.3%	56.4	56.2	-0.2	-0.3%
39.5%	56.2	56.2	0.0	-0.1%
40.7%	56.1	56.1	-0.1	-0.1%
42.0%	56.1	56.1	-0.1	-0.1%
43.2%	56.1	56.1	-0.1	-0.1%
44.4%	56.1	56.0	-0.1	-0.2%
45.7%	56.1	56.0	-0.1	-0.2%
46.9%	56.1	55.9	-0.1	-0.2%
48.1%	56.0	55.9	-0.1	-0.2%
49.4%	56.0	55.9	-0.2	-0.3%
50.6%	55.9	55.9	0.0	0.0%
51.9%	55.8	55.8	0.0	-0.1%
53.1%	55.8	55.8	0.0	0.0%
54.3%	55.8	55.8	0.0	0.0%
55.6%	55.8	55.8	0.0	0.0%
56.8%	55.7	55.8	0.0	0.0%
58.0%	55.6	55.7	0.1	0.3%
59.3%	55.6	55.7	0.1	0.3%
60.5%	55.6	55.7	0.1	0.3%
61.7%	55.6	55.7	0.1	0.3%
63.0%	55.6	55.7	0.1	0.2%
64.2%	55.5	55.7	0.1	0.2%
65.4%	55.5	55.7	0.1	0.2%
66.7%	55.5	55.5	0.0	0.1%
67.9%	55.5	55.5	0.0	0.0%
69.1%	55.5	55.5	0.0	0.0%
70.4%	55.4	55.5	0.0	0.0%
71.6%	55.4	55.4	0.0	0.0%
72.8%	55.4	55.4	0.0	-0.1%
74.1%	55.4	55.4	0.0	-0.1%
75.3%	55.4	55.3	-0.1	-0.1%
76.5%	55.4	55.3	-0.1	-0.2%
77.8%	55.3	55.2	-0.1	-0.1%
79.0%	55.3	55.2	-0.1	-0.1%
80.2%	55.3	55.2	-0.1	-0.2%
81.5%	55.2	55.2	0.0	0.0%
82.7%	55.1	55.1	0.0	0.0%
84.0%	55.0	55.1	0.1	0.1%
85.2%	55.0	55.0	0.1	0.1%
86.4%	54.9	54.9	0.0	0.0%
87.7%	54.7	54.8	0.1	0.2%
88.9%	54.7	54.8	0.1	0.3%
90.1%	54.7	54.8	0.1	0.2%
91.4%	54.7	54.8	0.1	0.2%
92.6%	54.6	54.7	0.1	0.2%
93.8%	54.6	54.7	0.3	0.5%
95.1%	54.2	54.5	0.3	0.6%
96.3%	54.2	54.3	0.3	0.5%
97.5%	53.9	54.4	0.5	1.0%
98.8%	53.7	53.9	0.2	0.4%
100.0%	53.5	53.7	0.2	0.3%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)

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

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	55.2	51.1	46.4	44.7	46.2	49.4	52.8	55.4	55.5	56.2	57.2	57.8
Alternative D	54.6	50.9	46.7	44.9	46.2	49.5	53.2	55.4	55.6	56.2	56.8	57.3
Difference	-0.6	-0.3	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.0	-0.4	-0.6
Percent Difference ²	-1.0%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.0%	0.2%	0.0%	-0.6%	-1.0%
Water Year Types ²												
Wet (32%)												
No Action Alternative	54.6	51.6	46.5	44.7	45.9	48.5	51.9	55.2	55.4	56.2	56.5	55.7
Alternative D	54.4	51.4	46.9	44.9	45.9	48.5	52.1	55.0	55.3	56.3	56.6	55.6
Difference	-0.3	-0.2	0.4	0.1	0.0	0.1	-0.2	-0.1	0.2	0.1	-0.2	-0.2
Percent Difference	-0.5%	-0.4%	0.9%	0.3%	0.1%	0.1%	0.3%	-0.4%	-0.2%	0.3%	0.2%	-0.3%
Above Normal (15%)												
No Action Alternative	54.2	50.9	46.9	44.9	46.2	49.6	53.2	56.0	54.7	55.1	56.6	56.8
Alternative D	53.8	50.8	47.3	45.2	46.3	49.6	53.5	55.8	55.0	55.2	56.8	56.5
Difference	-0.4	-0.1	0.4	0.2	0.0	0.3	-0.2	0.3	0.1	0.1	0.1	-0.3
Percent Difference	-0.7%	-0.3%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.4%	0.5%	0.1%	0.2%	-0.5%
Below Normal (17%)												
No Action Alternative	53.9	50.6	46.7	44.5	45.8	49.3	53.3	55.5	55.0	55.5	56.2	57.6
Alternative D	53.4	50.4	46.9	44.7	45.9	49.4	53.9	55.5	55.2	55.5	56.2	57.1
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.4
Percent Difference	-0.9%	-0.4%	0.3%	0.5%	0.1%	0.1%	1.1%	0.2%	0.3%	0.1%	0.0%	-0.8%
Dry (22%)												
No Action Alternative	55.5	51.2	46.3	44.6	46.3	50.1	53.3	55.0	55.5	55.7	57.0	58.8
Alternative D	54.6	50.8	46.4	44.9	46.4	50.1	53.9	55.2	55.9	55.9	56.6	58.0
Difference	-0.9	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.5	0.2	-0.5	-0.8
Percent Difference	-1.6%	-0.8%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.8%	0.4%	-0.8%	-1.3%
Critical (15%)												
No Action Alternative	58.6	51.0	45.5	44.6	46.9	50.3	52.9	55.8	56.9	59.0	60.6	62.3
Alternative D	57.5	50.7	45.8	44.8	47.1	50.5	53.7	56.3	56.9	58.3	58.5	60.8
Difference	-1.1	-0.3	0.2	0.3	0.1	0.1	0.7	0.4	0.0	-0.6	-2.1	-1.5
Percent Difference	-1.8%	-0.6%	0.5%	0.6%	0.3%	0.2%	1.4%	0.8%	0.0%	-1.0%	-3.5%	-2.5%

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

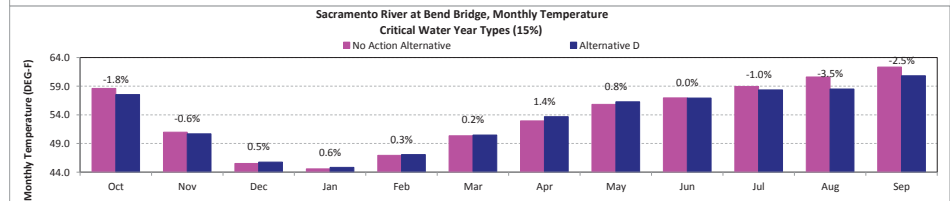
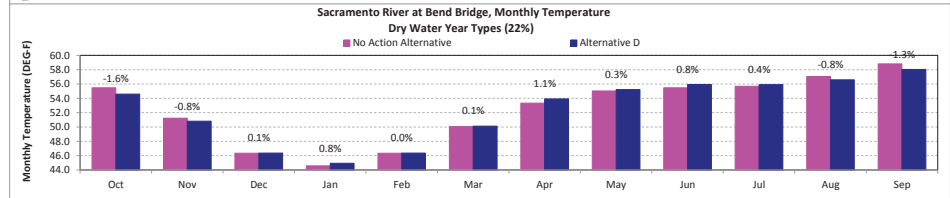
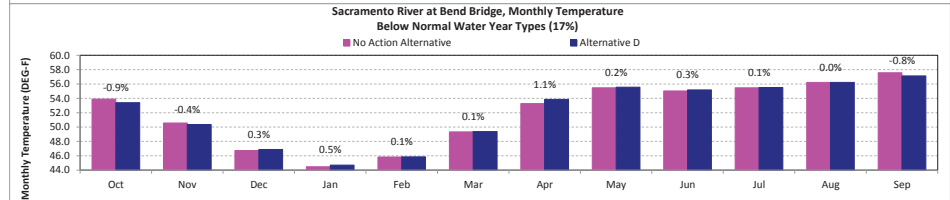
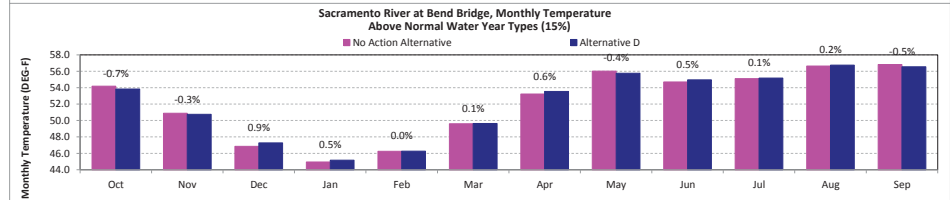
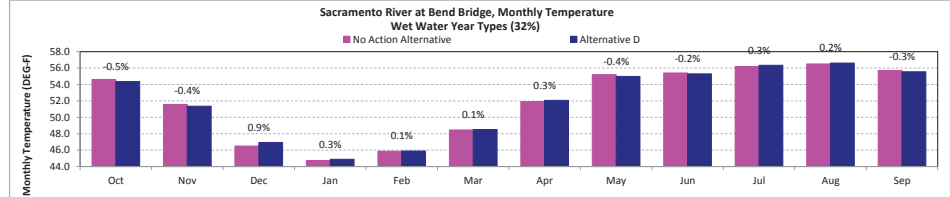
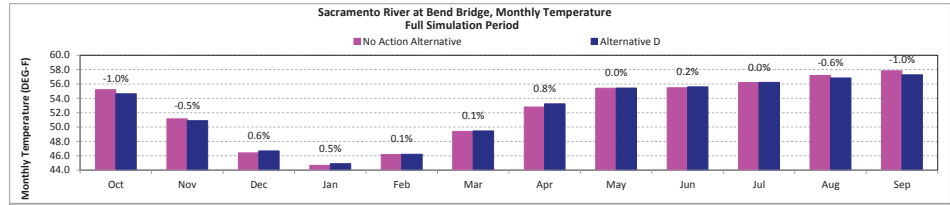


Figure SQ-05-9b
 Sacramento River at Bend Bridge, Monthly Temperature
 Probability of Exceedance

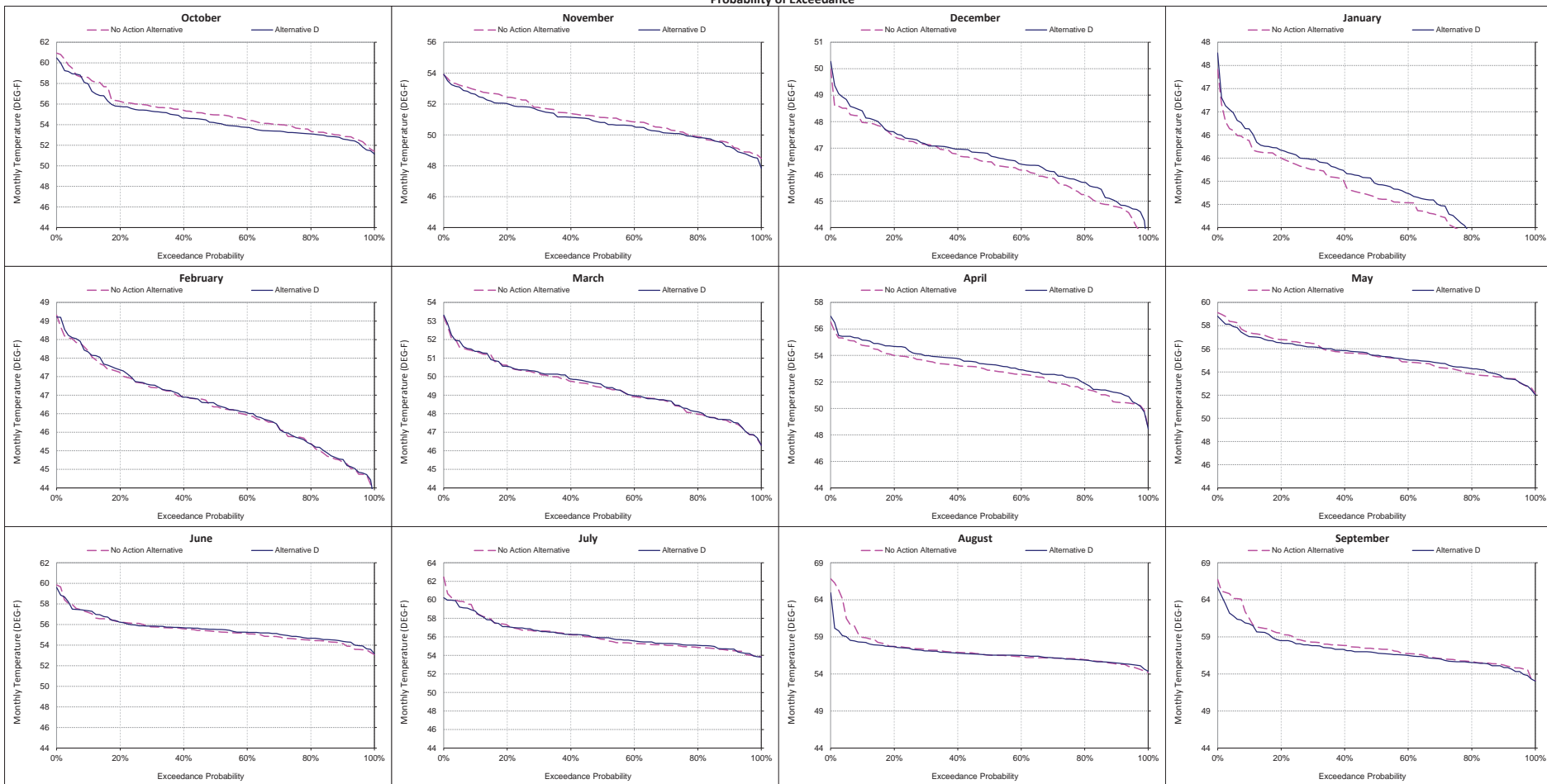


Table SQ-05-9b
 Sacramento River at Bond Bridge, Monthly Temperature
 Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.9	60.5	-0.5	-0.8%	
1.2%	60.8	60.0	-0.8	-1.4%	
2.5%	60.4	59.2	-1.1	-1.9%	
3.7%	59.8	59.2	-0.6	-1.0%	
4.9%	59.5	58.9	-0.5	-0.9%	
6.2%	58.8	58.9	0.1	0.2%	
7.4%	58.7	58.8	0.2	0.3%	
8.6%	58.6	58.1	-0.5	-0.9%	
9.9%	58.6	58.0	-0.6	-1.0%	
11.1%	58.2	57.3	-1.0	-1.7%	
12.3%	58.1	57.0	-1.1	-1.9%	
13.6%	58.1	56.8	-1.3	-2.2%	
14.8%	57.7	56.8	-0.9	-1.5%	
16.0%	57.7	56.3	-1.4	-2.4%	
17.3%	56.4	56.9	0.4	0.8%	
18.5%	56.3	56.8	0.5	1.0%	
19.8%	56.3	55.8	-0.5	-0.9%	
21.0%	56.2	55.7	-0.4	-0.8%	
22.2%	56.1	55.7	-0.4	-0.7%	
23.5%	56.1	55.6	-0.5	-0.9%	
24.7%	56.0	55.5	-0.5	-0.9%	
25.9%	55.4	55.4	0.0	0.0%	
27.2%	55.9	55.4	-0.5	-0.9%	
28.4%	55.9	55.4	-0.5	-0.9%	
29.6%	55.8	55.3	-0.5	-0.8%	
30.9%	55.8	55.3	-0.5	-0.9%	
32.1%	55.7	55.2	-0.4	-0.8%	
33.3%	55.7	55.2	-0.5	-0.9%	
34.5%	55.6	55.2	-0.5	-0.9%	
35.8%	55.6	55.0	-0.6	-1.1%	
37.0%	55.5	55.0	-0.5	-1.0%	
38.3%	55.5	54.9	-0.6	-1.1%	
39.5%	55.4	54.7	-0.7	-1.4%	
40.7%	55.3	54.6	-0.8	-1.2%	
42.0%	55.3	54.6	-0.7	-1.3%	
43.2%	55.2	54.6	-0.6	-1.0%	
44.4%	55.2	54.6	-0.6	-1.0%	
45.7%	55.2	54.5	-0.6	-1.2%	
46.9%	55.0	54.5	-0.6	-1.1%	
48.1%	55.0	54.2	-0.8	-1.4%	
49.4%	55.0	54.2	-0.7	-1.4%	
50.6%	54.9	54.1	-0.8	-1.5%	
51.9%	54.9	54.1	-0.9	-1.6%	
53.1%	54.9	53.9	-1.0	-1.8%	
54.3%	54.8	53.9	-0.9	-1.7%	
55.6%	54.7	53.9	-0.8	-1.5%	
56.8%	54.7	53.9	-0.8	-1.5%	
58.0%	54.6	53.8	-0.9	-1.6%	
59.3%	54.5	53.8	-0.7	-1.4%	
60.5%	54.4	53.7	-0.7	-1.3%	
61.7%	54.4	53.6	-0.7	-1.4%	
63.0%	54.3	53.5	-0.7	-1.4%	
64.2%	54.1	53.4	-0.7	-1.3%	
65.4%	54.1	53.4	-0.7	-1.3%	
66.7%	54.1	53.4	-0.7	-1.3%	
67.9%	54.1	53.4	-0.7	-1.2%	
69.1%	54.0	53.4	-0.7	-1.3%	
70.4%	54.0	53.4	-0.6	-1.2%	
71.6%	54.0	53.3	-0.7	-1.2%	
72.8%	53.9	53.2	-0.7	-1.2%	
74.1%	53.8	53.2	-0.6	-1.1%	
75.3%	53.7	53.2	-0.5	-0.9%	
76.5%	53.6	53.2	-0.4	-0.8%	
77.8%	53.6	53.1	-0.4	-0.8%	
79.0%	53.6	53.1	-0.4	-0.8%	
80.2%	53.3	53.1	-0.2	-0.4%	
81.5%	53.3	53.1	-0.2	-0.5%	
82.7%	53.3	53.0	-0.3	-0.5%	
84.0%	53.3	53.0	-0.3	-0.5%	
85.2%	53.1	52.9	-0.3	-0.5%	
86.4%	53.1	52.9	-0.2	-0.5%	
87.7%	52.8	52.8	0.0	0.0%	
88.9%	53.0	52.8	-0.2	-0.4%	
90.1%	52.8	52.6	-0.3	-0.5%	
91.4%	52.8	52.5	-0.3	-0.6%	
92.6%	52.8	52.5	-0.4	-0.7%	
93.8%	52.6	52.4	-0.2	-0.4%	
95.1%	52.5	52.2	-0.3	-0.5%	
96.3%	52.3	51.8	-0.5	-1.0%	
97.5%	52.0	51.5	-0.5	-1.0%	
98.8%	51.6	51.5	-0.2	-0.3%	
100.0%	51.4	51.1	0.0	-0.5%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.9	53.9	0.0	0.0%	
1.2%	53.7	53.5	-0.2	-0.3%	
2.5%	53.4	53.3	-0.1	-0.2%	
3.7%	53.3	53.3	0.0	0.0%	
4.9%	53.2	53.1	-0.1	-0.2%	
6.2%	53.1	52.9	-0.3	-0.5%	
7.4%	53.1	52.8	-0.3	-0.5%	
8.6%	53.0	52.7	-0.3	-0.6%	
9.9%	52.9	52.6	-0.3	-0.6%	
11.1%	52.9	52.5	-0.4	-0.8%	
12.3%	52.8	52.4	-0.3	-0.7%	
13.6%	52.7	52.3	-0.5	-0.9%	
14.8%	52.7	52.2	-0.5	-1.0%	
16.0%	52.7	52.1	-0.6	-1.1%	
17.3%	52.6	52.1	-0.6	-1.1%	
18.5%	52.5	52.1	-0.5	-0.9%	
19.8%	52.4	52.0	-0.4	-0.8%	
21.0%	52.4	52.0	-0.5	-0.9%	
22.2%	52.4	51.9	-0.5	-1.0%	
23.5%	52.3	51.8	-0.5	-1.0%	
24.7%	52.3	51.8	-0.4	-0.8%	
25.9%	52.3	51.8	-0.5	-1.0%	
27.2%	52.0	51.8	-0.2	-0.4%	
28.4%	51.8	51.7	-0.1	-0.1%	
29.6%	51.8	51.6	-0.2	-0.4%	
30.9%	51.7	51.5	-0.2	-0.4%	
32.1%	51.7	51.5	-0.2	-0.5%	
33.3%	51.7	51.4	-0.2	-0.4%	
34.5%	51.6	51.4	-0.2	-0.5%	
35.8%	51.5	51.2	-0.3	-0.6%	
37.0%	51.5	51.2	-0.3	-0.5%	
38.3%	51.4	51.2	-0.3	-0.5%	
39.5%	51.4	51.2	-0.3	-0.5%	
40.7%	51.4	51.1	-0.2	-0.5%	
42.0%	51.3	51.1	-0.2	-0.4%	
43.2%	51.3	51.1	-0.2	-0.4%	
44.4%	51.3	51.1	-0.2	-0.4%	
45.7%	51.3	51.0	-0.2	-0.4%	
46.9%	51.2	50.9	-0.3	-0.6%	
48.1%	51.2	50.9	-0.3	-0.6%	
49.4%	51.1	50.8	-0.3	-0.6%	
50.6%	51.1	50.8	-0.3	-0.6%	
51.9%	51.1	50.7	-0.4	-0.9%	
53.1%	51.1	50.7	-0.4	-0.8%	
54.3%	51.1	50.6	-0.4	-0.9%	
55.6%	51.0	50.6	-0.3	-0.6%	
56.8%	50.9	50.6	-0.3	-0.6%	
58.0%	50.9	50.6	-0.3	-0.6%	
59.3%	50.9	50.6	-0.2	-0.5%	
60.5%	50.8	50.5	-0.3	-0.7%	
61.7%	50.8	50.5	-0.3	-0.7%	
63.0%	50.8	50.5	-0.3	-0.7%	
64.2%	50.7	50.3	-0.4	-0.7%	
65.4%	50.6	50.3	-0.3	-0.6%	
66.7%	50.5	50.3	-0.3	-0.5%	
67.9%	50.5	50.2	-0.3	-0.5%	
69.1%	50.4	50.1	-0.3	-0.6%	
70.4%	50.4	50.1	-0.3	-0.6%	
71.6%	50.3	50.1	-0.2	-0.4%	
72.8%	50.3	50.1	-0.2	-0.4%	
74.1%	50.2	50.1	-0.1	-0.2%	
75.3%	50.2	50.0	-0.1	-0.3%	
76.5%	50.0	49.9	-0.1	-0.2%	
77.8%	50.0	49.9	-0.1	-0.2%	
79.0%	49.9	49.9	0.0	0.0%	
80.2%	49.9	49.8	-0.1	-0.1%	
81.5%	49.8	49.8	0.0	0.0%	
82.7%	49.7	49.8	0.1	0.2%	
84.0%	49.7	49.8	0.1	0.2%	
85.2%	49.6	49.6	0.0	0.0%	
86.4%	49.6	49.6	0.0	0.0%	
87.7%	49.2	49.5	0.1	0.2%	
88.9%	49.5	49.3	-0.3	-0.5%	
90.1%	49.4	49.2	-0.2	-0.4%	
91.4%	49.2	49.1	-0.1	-0.1%	
92.6%	49.1	48.9	-0.2	-0.5%	
93.8%	48.9	48.8	-0.1	-0.2%	
95.1%	48.9	48.8	-0.1	-0.3%	
96.3%	48.9	48.0	-0.9	-1.7%	
97.5%	48.8	48.5	-0.2	-0.5%	
98.8%	48.7	48.5	-0.2	-0.4%	
100.0%	48.5	47.8	-0.6	-1.3%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.0	50.3	0.3	0.6%	
1.2%	48.6	49.4	0.8	1.6%	
2.5%	48.6	49.1	0.5	1.0%	
3.7%	48.5	48.9	0.4	0.9%	
4.9%	48.5	48.8	0.3	0.7%	
6.2%	48.3	48.6	0.3	0.7%	
7.4%	48.2	48.5	0.3	0.6%	
8.6%	48.2	48.5	0.3	0.5%	
9.9%	48.0	48.4	0.4	0.9%	
11.1%	48.0	48.3	0.2	0.4%	
12.3%	47.9	48.1	0.2	0.4%	
13.6%	47.9	48.1	0.2	0.3%	
14.8%	47.9	48.0	0.2	0.3%	
16.0%	47.8	47.9	0.0	0.1%	
17.3%	47.7	47.7	0.0	0.0%	
18.5%	47.6	47.6	0.1	0.1%	
19.8%	47.5	47.6	0.2	0.3%	
21.0%	47.4	47.5	0.1	0.3%	
22.2%	47.3	47.5	0.1	0.3%	
23.5%	47.3	47.4	0.1	0.1%	
24.7%	47.3	47.4	0.1	0.2%	
25.9%	47.3	47.3	0.1	0.2%	
27.2%	47.2	47.3	0.1	0.3%	
28.4%	47.2	47.2	0.0	0.1%	
29.6%	47.1	47.2	0.0	0.1%	
30.9%	47.1	47.1	0.0	-0.1%	
32.1%	47.1	47.1	0.0	0.0%	
33.3%	47.1	47.1	0.0	0.1%	
34.5%	47.1	47.1	0.1	0.2%	
35.8%	46.9	47.1	0.1	0.3%	
37.0%	46.9	47.0	0.1	0.2%	
38.3%	46.8	47.0	0.2	0.4%	
39.5%	46.8	47.0	0.2	0.4%	
40.7%	46.7	47.0	0.3	0.6%	
42.0%	46.7	47.0	0.3	0.6%	
43.2%	46.7	46.9	0.3	0.6%	
44.4%	46.6	46.9	0.2	0.5%	
45.7%	46.6	46.8	0.2	0.5%	
46.9%	46.5	46.8	0.3	0.7%	
48.1%	46.5	46.8	0.3	0.7%	
49.4%	46.5	46.7	0.3	0.7%	
50.6%	46.5	46.7	0.2	0.5%	
51.9%	46.3	46.7	0.3	0.7%	
53.1%	46.3	46.6	0.3	0.6%	
54.3%	46.3	46.6	0.3	0.6%	
55.6%	46.3	46.6	0.3	0.6%	
56.8%	46.3	46.5	0.3	0.6%	
58.0%	46.3	46.5	0.3	0.6%	
59.3%	46.2	46.4	0.2	0.5%	
60.5%	46.2	46.4	0.2	0.5%	
61.7%	46.2	46.4	0.2	0.5%	
63.0%	46.1	46.4	0.3	0.6%	
64.2%	46.0	46.3	0.3	0.7%	
65.4%	46.0	46.3	0.4	0.8%	
66.7%	45.9	46.3	0.3	0.7%	
67.9%	45.9	46.2	0.3	0.6%	
69.1%	45.9	46.1	0.2	0.5%	
70.4%	45.9	46.1	0.3	0.6%	
71.6%	45.7	45.9	0.3	0.6%	
72.8%	45.6	45.9	0.3	0.7%	
74.1%	45.6	45.9	0.3	0.6%	
75.3%	45.5	45.8	0.3	0.7%	
76.5%	45.4	45.8	0.4	0.9%	
77.8%	45.4	45.8	0.4	0.9%	
79.0%	45.2	45.7	0.5	1.0%	
80.2%	4				

Table SQ-05-9b
Sacramento River at Bond Bridge, Monthly Temperature
Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.7	48.6	-0.1	-0.1%	
1.2%	48.4	48.6	0.3	0.5%	
2.5%	48.1	48.3	0.2	0.4%	
3.7%	48.0	48.1	0.1	0.2%	
4.9%	48.0	48.1	0.0	0.1%	
6.2%	47.9	48.0	0.1	0.2%	
7.4%	47.9	48.0	0.0	0.1%	
8.6%	47.8	47.7	-0.1	-0.2%	
9.9%	47.7	47.7	0.0	-0.1%	
11.1%	47.5	47.6	0.0	0.1%	
12.3%	47.4	47.5	0.1	0.2%	
13.6%	47.4	47.5	0.2	0.4%	
14.8%	47.3	47.3	0.0	0.1%	
16.0%	47.2	47.3	0.1	0.2%	
17.3%	47.2	47.3	0.1	0.2%	
18.5%	47.2	47.2	0.1	0.1%	
19.8%	47.1	47.2	0.1	0.1%	
21.0%	47.0	47.2	0.1	0.3%	
22.2%	47.0	47.1	0.1	0.2%	
23.5%	47.0	47.0	0.0	0.1%	
24.7%	46.9	46.9	0.0	0.0%	
25.9%	46.9	46.9	0.0	0.0%	
27.2%	46.8	46.8	0.0	0.0%	
28.4%	46.8	46.8	0.0	0.1%	
29.6%	46.7	46.8	0.1	0.1%	
30.9%	46.7	46.8	0.1	0.1%	
32.1%	46.7	46.7	0.0	0.0%	
33.3%	46.6	46.7	0.0	0.0%	
34.5%	46.6	46.6	0.0	0.0%	
35.8%	46.6	46.6	0.0	0.0%	
37.0%	46.5	46.6	0.0	0.1%	
38.3%	46.5	46.5	0.1	0.2%	
39.5%	46.5	46.4	0.0	0.0%	
40.7%	46.5	46.4	0.0	0.0%	
42.0%	46.4	46.4	0.0	0.0%	
43.2%	46.4	46.4	0.0	0.0%	
44.4%	46.4	46.4	0.0	0.0%	
45.7%	46.4	46.3	-0.1	-0.2%	
46.9%	46.4	46.3	-0.1	-0.1%	
48.1%	46.2	46.3	0.1	0.1%	
49.4%	46.2	46.3	0.1	0.2%	
50.6%	46.2	46.2	0.0	0.1%	
51.9%	46.1	46.2	0.0	0.1%	
53.1%	46.1	46.2	0.0	0.1%	
54.3%	46.1	46.1	0.0	0.0%	
55.6%	46.1	46.1	0.0	0.0%	
56.8%	46.0	46.1	0.1	0.1%	
58.0%	46.0	46.1	0.1	0.1%	
59.3%	46.0	46.0	0.1	0.1%	
60.5%	45.9	46.0	0.1	0.1%	
61.7%	45.9	46.0	0.1	0.2%	
63.0%	45.9	45.9	0.1	0.1%	
64.2%	45.8	45.9	0.1	0.1%	
65.4%	45.8	45.8	0.0	0.0%	
66.7%	45.8	45.8	0.0	0.1%	
67.9%	45.8	45.8	0.0	0.0%	
69.1%	45.7	45.7	0.0	0.0%	
70.4%	45.6	45.6	0.0	0.0%	
71.6%	45.5	45.5	0.0	-0.1%	
72.8%	45.4	45.5	0.1	0.2%	
74.1%	45.4	45.4	0.0	0.1%	
75.3%	45.4	45.4	0.0	0.0%	
76.5%	45.4	45.3	-0.0	-0.1%	
77.8%	45.3	45.3	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	0.1%	
82.7%	45.0	45.1	0.1	0.2%	
84.0%	44.9	45.0	0.1	0.1%	
85.2%	44.9	44.9	0.1	0.2%	
86.4%	44.8	44.9	0.0	0.1%	
87.7%	44.8	44.8	0.0	0.1%	
88.9%	44.8	44.8	0.0	0.1%	
90.1%	44.7	44.8	0.1	0.2%	
91.4%	44.6	44.6	0.0	-0.1%	
92.6%	44.5	44.6	0.0	0.1%	
93.8%	44.5	44.5	0.0	0.0%	
95.1%	44.4	44.4	0.1	0.1%	
96.3%	44.4	44.4	0.0	0.1%	
97.5%	44.3	44.3	0.0	0.0%	
98.8%	44.1	44.2	0.1	0.2%	
100.0%	43.6	43.6	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.2	53.3	0.1	0.1%	
1.2%	52.7	52.9	0.2	0.3%	
2.5%	52.1	52.2	0.2	0.4%	
3.7%	52.0	51.9	-0.1	-0.1%	
4.9%	51.6	51.9	0.3	0.7%	
6.2%	51.5	51.6	0.1	0.2%	
7.4%	51.5	51.5	0.1	0.1%	
8.6%	51.4	51.5	0.1	0.1%	
9.9%	51.3	51.4	0.0	0.0%	
11.1%	51.2	51.4	0.1	0.1%	
12.3%	51.2	51.3	0.1	0.1%	
13.6%	51.2	51.3	0.1	0.2%	
14.8%	51.2	50.9	-0.3	-0.5%	
16.0%	50.8	50.9	0.0	0.1%	
17.3%	50.8	50.8	0.0	0.0%	
18.5%	50.6	50.6	-0.1	-0.1%	
19.8%	50.6	50.6	-0.1	-0.1%	
21.0%	50.5	50.5	0.0	0.1%	
22.2%	50.4	50.4	0.0	0.0%	
23.5%	50.4	50.4	0.0	0.1%	
24.7%	50.3	50.4	0.0	0.1%	
25.9%	50.3	50.3	0.0	0.1%	
27.2%	50.3	50.3	0.0	0.1%	
28.4%	50.2	50.3	0.1	0.2%	
29.6%	50.2	50.3	0.1	0.1%	
30.9%	50.1	50.2	0.1	0.2%	
32.1%	50.1	50.1	0.1	0.1%	
33.3%	50.0	50.1	0.1	0.2%	
34.5%	50.0	50.1	0.1	0.3%	
35.8%	50.0	50.1	0.1	0.3%	
37.0%	49.9	50.1	0.2	0.4%	
38.3%	49.9	50.1	0.2	0.4%	
39.5%	49.8	49.9	0.1	0.3%	
40.7%	49.7	49.9	0.1	0.3%	
42.0%	49.7	49.9	0.2	0.4%	
43.2%	49.7	49.8	0.1	0.3%	
44.4%	49.6	49.8	0.1	0.3%	
45.7%	49.6	49.7	0.1	0.3%	
46.9%	49.5	49.7	0.1	0.3%	
48.1%	49.5	49.6	0.2	0.4%	
49.4%	49.4	49.6	0.2	0.4%	
50.6%	49.4	49.5	0.1	0.2%	
51.9%	49.4	49.4	0.1	0.1%	
53.1%	49.3	49.4	0.1	0.2%	
54.3%	49.3	49.3	0.0	0.0%	
55.6%	49.3	49.3	0.0	0.0%	
56.8%	49.2	49.1	-0.1	-0.1%	
58.0%	49.0	49.0	0.0	0.0%	
59.3%	48.9	49.0	0.1	0.1%	
60.5%	48.9	49.0	0.1	0.1%	
61.7%	48.9	49.0	0.1	0.2%	
63.0%	48.9	48.9	0.0	0.1%	
64.2%	48.9	48.8	-0.1	-0.1%	
65.4%	48.8	48.8	0.0	0.0%	
66.7%	48.8	48.8	0.0	-0.1%	
67.9%	48.7	48.7	0.0	0.0%	
69.1%	48.7	48.7	0.0	0.0%	
70.4%	48.7	48.7	0.0	0.1%	
71.6%	48.7	48.7	0.0	0.0%	
72.8%	48.4	48.5	0.0	0.1%	
74.1%	48.4	48.4	0.0	0.0%	
75.3%	48.3	48.3	0.0	0.0%	
76.5%	48.1	48.3	0.2	0.4%	
77.8%	48.1	48.2	0.1	0.2%	
79.0%	48.0	48.1	0.1	0.2%	
80.2%	48.0	48.1	0.1	0.2%	
81.5%	47.9	48.0	0.1	0.1%	
82.7%	47.8	47.8	0.0	0.0%	
84.0%	47.8	47.8	0.0	0.0%	
85.2%	47.8	47.8	0.0	0.0%	
86.4%	47.7	47.7	0.0	0.0%	
87.7%	47.7	47.7	0.0	0.1%	
88.9%	47.6	47.7	0.0	0.1%	
90.1%	47.5	47.7	0.1	0.3%	
91.4%	47.5	47.5	0.0	-0.1%	
92.6%	47.4	47.5	0.1	0.2%	
93.8%	47.3	47.3	0.0	0.0%	
95.1%	47.0	47.0	0.0	0.0%	
96.3%	46.9	46.9	0.0	0.1%	
97.5%	46.8	46.9	0.0	0.0%	
98.8%	46.6	46.7	0.1	0.2%	
100.0%	46.3	46.3	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.5	57.0	0.4	0.7%	
1.2%	56.8	56.5	-0.3	-0.5%	
2.5%	56.3	56.5	0.2	0.3%	
3.7%	56.3	56.5	0.1	0.3%	
4.9%	56.2	56.5	0.3	0.5%	
6.2%	56.1	56.4	0.3	0.6%	
7.4%	56.1	56.3	0.2	0.4%	
8.6%	56.0	56.3	0.4	0.8%	
9.9%	56.0	56.2	0.2	0.7%	
11.1%	56.0	56.1	0.1	0.8%	
12.3%	56.0	56.1	0.1	0.7%	
13.6%	56.0	56.1	0.1	0.8%	
14.8%	56.0	56.1	0.1	0.8%	
16.0%	56.0	56.1	0.1	1.0%	
17.3%	56.0	56.1	0.1	1.1%	
18.5%	56.0	56.1	0.1	1.1%	
19.8%	56.0	56.1	0.1	1.2%	
21.0%	56.0	56.1	0.1	1.3%	
22.2%	56.0	56.1	0.1	1.3%	
23.5%	56.0	56.1	0.1	1.3%	
24.7%	56.0	56.1	0.1	0.9%	
25.9%	56.0	56.1	0.1	0.9%	
27.2%	56.0	56.1	0.1	0.8%	
28.4%	56.0	56.1	0.1	0.8%	
29.6%	56.0	56.1	0.1	0.7%	
30.9%	56.0	56.1	0.1	0.8%	
32.1%	56.0	56.1	0.1	0.8%	
33.3%	56.0	56.1	0.1	0.9%	
34.5%	56.0	56.1	0.1	1.0%	
35.8%	56.0	56.1	0.1	0.9%	
37.0%	56.0	56.1	0.1	0.9%	
38.3%	56.0	56.1	0.1	1.0%	
39.5%	56.0	56.1	0.1	1.0%	
40.7%	56.0	56.1	0.1	1.0%	
42.0%	56.0	56.1	0.1	0.7%	
43.2%	56.0	56.1	0.1	0.7%	
44.4%	56.0	56.1	0.1	0.7%	
45.7%	56.0	56.1	0.1	0.7%	
46.9%	56.0	56.1	0.1	0.6%	
48.1%	56.0	56.1	0.1	0.7%	
49.4%	56.0	56.1	0.1	0.8%	
50.6%	56.0	56.1	0.1	0.8%	
51.9%	56.0	56.1	0.1	0.9%	
53.1%	56.0	56.1	0.1	0.9%	
54.3%	56.0	56.1	0.1	0.8%	
55.6%	56.0	56.1	0.1	0.9%	
56.8%	56.0	56.1	0.1	0.8%	
58.0%	56.0	56.1	0.1	0.9%	
59.3%	56.0	56.1	0.1	0.7%	
60.5%	56.0	56.1	0.1	0.7%	
61.7%	56.0	56.1	0.1	0.5%	
63.0%	56.0	56.1	0.1	0.6%	
64.2%	56.0	56.1	0.1	0.6%	
65.4%	56.0	56.1	0.1	0.7%	
66.7%	56.0	56.1	0.1	0.5%	
67.9%	56.0	56.1	0.1	0.7%	
69.1%	56.0	56.1	0.1	1.1%	
70.4%	56.0	56.1	0.1	1.2%	
71.6%	56.0	56.1	0.1	1.2%	
72.8%	56.0	56.1	0.1	1.3%	
74.1%	56.0	56.1	0.1	1.1%	
75.3%	56.0	56.1	0.1	1.3%	
76.5%	56.0	56.1	0.1	1.3%	
77.8%	56.0	56.1	0.1	1.1%	
79.0%	56.0	56.1	0.1	1.0%	
80.2%	56.0				

Table SQ-05-9b
Sacramento River at Bond Bridge, Monthly Temperature
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.9	59.6	-0.3	-0.4%	
1.2%	59.7	58.8	-0.8	-1.4%	
2.5%	58.4	58.7	0.3	0.5%	
3.7%	58.0	58.2	0.2	0.3%	
4.9%	57.9	57.5	-0.4	-0.8%	
6.2%	57.6	57.5	-0.1	-0.2%	
7.4%	57.5	57.5	0.0	0.0%	
8.6%	57.3	57.4	0.1	0.2%	
9.9%	57.2	57.4	0.2	0.3%	
11.1%	57.0	57.3	0.3	0.5%	
12.3%	56.6	57.0	0.4	0.7%	
13.6%	56.6	57.0	0.4	0.7%	
14.8%	56.6	56.8	0.2	0.4%	
16.0%	56.5	56.7	0.2	0.4%	
17.3%	56.5	56.4	0.0	-0.1%	
18.5%	56.3	56.4	0.1	0.1%	
19.8%	56.3	56.2	0.0	-0.1%	
21.0%	56.2	56.2	0.0	0.0%	
22.2%	56.2	56.1	-0.1	-0.2%	
23.5%	56.1	56.0	-0.1	-0.2%	
24.7%	56.1	56.0	-0.2	-0.3%	
25.9%	55.9	56.0	0.1	0.2%	
27.2%	56.0	55.9	-0.1	-0.3%	
28.4%	55.9	55.9	0.0	0.0%	
29.6%	55.8	55.8	0.1	0.1%	
30.9%	55.8	55.8	0.1	0.1%	
32.1%	55.8	55.8	0.1	0.1%	
33.3%	55.7	55.8	0.1	0.2%	
34.5%	55.7	55.8	0.1	0.1%	
35.8%	55.7	55.7	0.1	0.1%	
37.0%	55.7	55.7	0.1	0.1%	
38.3%	55.7	55.7	0.1	0.1%	
39.5%	55.6	55.7	0.1	0.2%	
40.7%	55.6	55.7	0.1	0.2%	
42.0%	55.5	55.7	0.1	0.2%	
43.2%	55.5	55.7	0.1	0.3%	
44.4%	55.4	55.6	0.2	0.4%	
45.7%	55.4	55.6	0.2	0.3%	
46.9%	55.4	55.6	0.2	0.3%	
48.1%	55.4	55.6	0.2	0.3%	
49.4%	55.3	55.5	0.2	0.4%	
50.6%	55.3	55.5	0.2	0.4%	
51.9%	55.3	55.5	0.2	0.4%	
53.1%	55.3	55.5	0.2	0.4%	
54.3%	55.2	55.4	0.2	0.4%	
55.6%	55.2	55.3	0.1	0.3%	
56.8%	55.2	55.3	0.1	0.1%	
58.0%	55.2	55.3	0.1	0.1%	
59.3%	55.1	55.2	0.1	0.2%	
60.5%	55.1	55.2	0.2	0.3%	
61.7%	55.1	55.2	0.2	0.3%	
63.0%	55.0	55.2	0.2	0.3%	
64.2%	55.0	55.2	0.2	0.3%	
65.4%	54.9	55.2	0.3	0.6%	
66.7%	54.8	55.2	0.3	0.6%	
67.9%	54.8	55.1	0.3	0.5%	
69.1%	54.8	55.1	0.3	0.5%	
70.4%	54.8	55.0	0.3	0.5%	
71.6%	54.7	55.0	0.3	0.6%	
72.8%	54.7	54.9	0.3	0.5%	
74.1%	54.6	54.9	0.2	0.4%	
75.3%	54.6	54.9	0.3	0.5%	
76.5%	54.6	54.8	0.3	0.5%	
77.8%	54.5	54.7	0.2	0.3%	
79.0%	54.5	54.7	0.2	0.3%	
80.2%	54.5	54.7	0.2	0.4%	
81.5%	54.4	54.7	0.2	0.4%	
82.7%	54.4	54.6	0.2	0.3%	
84.0%	54.4	54.5	0.1	0.2%	
85.2%	54.3	54.5	0.2	0.3%	
86.4%	54.3	54.5	0.2	0.4%	
87.7%	54.3	54.5	0.2	0.4%	
88.9%	54.2	54.4	0.2	0.3%	
90.1%	54.1	54.4	0.2	0.4%	
91.4%	53.9	54.3	0.4	0.8%	
92.6%	53.9	54.3	0.4	0.7%	
93.8%	53.6	54.0	0.4	0.8%	
95.1%	53.6	54.0	0.4	0.7%	
96.3%	53.3	53.6	0.2	0.3%	
97.5%	53.6	54.0	0.1	0.2%	
98.8%	53.3	53.6	0.3	0.6%	
100.0%	53.1	53.2	0.1	0.2%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	62.5	60.2	-2.2	-3.6%	
1.2%	60.7	60.0	-0.7	-1.1%	
2.5%	60.2	60.0	-0.3	-0.5%	
3.7%	60.0	59.8	-0.2	-0.3%	
4.9%	59.8	59.2	-0.6	-1.0%	
6.2%	59.8	59.1	-0.7	-1.1%	
7.4%	59.5	59.1	-0.4	-0.7%	
8.6%	59.5	58.9	-0.6	-1.0%	
9.9%	59.5	58.8	-0.7	-1.1%	
11.1%	58.4	58.4	-0.1	-0.1%	
12.3%	58.2	58.2	0.0	0.0%	
13.6%	58.1	57.9	-0.3	-0.5%	
14.8%	57.9	57.8	-0.1	-0.2%	
16.0%	57.5	57.5	0.0	0.0%	
17.3%	57.4	57.4	0.0	0.1%	
18.5%	57.4	57.1	-0.3	-0.5%	
19.8%	57.3	57.1	-0.2	-0.4%	
21.0%	57.1	57.1	0.0	0.0%	
22.2%	56.9	57.0	0.1	0.1%	
23.5%	56.9	57.0	0.1	0.2%	
24.7%	56.7	57.0	0.2	0.4%	
25.9%	56.7	56.9	0.2	0.3%	
27.2%	56.7	56.9	0.2	0.3%	
28.4%	56.6	56.7	0.1	0.1%	
29.6%	56.6	56.7	0.0	0.0%	
30.9%	56.6	56.6	-0.1	-0.1%	
32.1%	56.6	56.6	-0.1	-0.1%	
33.3%	56.6	56.5	-0.1	-0.2%	
34.5%	56.6	56.5	-0.1	-0.1%	
35.8%	56.4	56.4	-0.1	-0.1%	
37.0%	56.4	56.4	-0.1	-0.1%	
38.3%	56.4	56.3	-0.1	-0.1%	
39.5%	56.2	56.3	0.0	0.1%	
40.7%	56.2	56.3	0.1	0.1%	
42.0%	56.2	56.3	0.0	0.1%	
43.2%	56.2	56.2	0.0	0.0%	
44.4%	56.0	56.2	0.2	0.3%	
45.7%	56.0	56.1	0.1	0.2%	
46.9%	56.0	56.0	0.0	0.0%	
48.1%	55.9	55.9	0.0	0.0%	
49.4%	55.8	55.9	0.2	0.3%	
50.6%	55.7	55.9	0.2	0.3%	
51.9%	55.6	55.9	0.3	0.6%	
53.1%	55.5	55.8	0.3	0.5%	
54.3%	55.4	55.7	0.3	0.6%	
55.6%	55.4	55.7	0.3	0.6%	
56.8%	55.4	55.7	0.3	0.5%	
58.0%	55.4	55.6	0.3	0.5%	
59.3%	55.3	55.6	0.3	0.5%	
60.5%	55.3	55.5	0.3	0.5%	
61.7%	55.3	55.5	0.2	0.4%	
63.0%	55.3	55.5	0.2	0.4%	
64.2%	55.2	55.5	0.2	0.4%	
65.4%	55.2	55.4	0.3	0.5%	
66.7%	55.2	55.3	0.2	0.3%	
67.9%	55.2	55.3	0.2	0.3%	
69.1%	55.1	55.3	0.1	0.3%	
70.4%	55.1	55.3	0.2	0.4%	
71.6%	55.1	55.3	0.2	0.4%	
72.8%	55.1	55.3	0.2	0.4%	
74.1%	55.0	55.2	0.2	0.3%	
75.3%	55.0	55.1	0.2	0.3%	
76.5%	54.9	55.1	0.2	0.3%	
77.8%	54.9	55.1	0.2	0.4%	
79.0%	54.9	55.1	0.2	0.4%	
80.2%	54.9	55.1	0.2	0.4%	
81.5%	54.8	55.1	0.2	0.4%	
82.7%	54.8	55.0	0.2	0.4%	
84.0%	54.8	55.0	0.2	0.4%	
85.2%	54.7	55.0	0.2	0.4%	
86.4%	54.7	54.8	0.1	0.2%	
87.7%	54.7	54.7	0.1	0.1%	
88.9%	54.6	54.7	0.1	0.2%	
90.1%	54.5	54.7	0.2	0.3%	
91.4%	54.5	54.7	0.2	0.3%	
92.6%	54.5	54.4	-0.1	-0.2%	
93.8%	54.5	54.3	-0.2	-0.3%	
95.1%	54.1	54.2	0.1	0.2%	
96.3%	54.2	54.2	0.0	0.0%	
97.5%	54.0	53.9	-0.1	-0.1%	
98.8%	53.9	53.9	-0.1	-0.1%	
100.0%	53.8	53.8	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.8	64.9	-1.9	-2.9%	
1.2%	66.3	60.2	-6.1	-9.2%	
2.5%	65.3	59.8	-5.5	-8.5%	
3.7%	64.1	59.2	-4.9	-7.7%	
4.9%	61.5	59.0	-2.4	-4.0%	
6.2%	60.6	58.5	-2.1	-3.5%	
7.4%	60.5	58.5	-2.0	-3.4%	
8.6%	59.4	58.3	-1.1	-1.9%	
9.9%	58.9	58.3	-0.7	-1.1%	
11.1%	58.9	58.2	-0.7	-1.1%	
12.3%	58.7	58.0	-0.7	-1.2%	
13.6%	58.7	57.9	-0.8	-1.3%	
14.8%	58.3	57.9	-0.4	-0.7%	
16.0%	58.2	57.9	-0.3	-0.5%	
17.3%	58.0	57.7	-0.3	-0.5%	
18.5%	57.7	57.7	0.0	0.0%	
19.8%	57.7	57.7	0.0	0.0%	
21.0%	57.7	57.6	-0.1	-0.2%	
22.2%	57.7	57.5	-0.1	-0.2%	
23.5%	57.6	57.5	-0.1	-0.2%	
24.7%	57.5	57.5	-0.1	-0.1%	
25.9%	57.4	57.3	-0.1	-0.2%	
27.2%	57.4	57.2	-0.2	-0.3%	
28.4%	57.4	57.2	-0.2	-0.3%	
29.6%	57.3	57.1	-0.2	-0.4%	
30.9%	57.2	57.1	-0.1	-0.2%	
32.1%	57.2	57.1	-0.1	-0.2%	
33.3%	57.2	57.1	-0.1	-0.2%	
34.5%	57.2	56.9	-0.2	-0.4%	
35.8%	57.0	56.9	-0.1	-0.2%	
37.0%	57.0	56.9	-0.1	-0.2%	
38.3%	56.9	56.9	-0.1	-0.1%	
39.5%	56.9	56.8	-0.1	-0.2%	
40.7%	56.8	56.8	-0.1	-0.2%	
42.0%	56.9	57.3	0.4	0.7%	
43.2%	56.9	56.7	-0.1	-0.2%	
44.4%	56.8	56.7	-0.1	-0.2%	
45.7%	56.7	56.7	-0.1	-0.1%	
46.9%	56.7	56.6	-0.1	-0.1%	
48.1%	56.6	56.6	0.0	0.0%	
49.4%	56.5	56.5	0.0	0.0%	
50.6%	56.5	56.5	0.0	0.0%	
51.9%	56.5	56.5	0.0	0.0%	
53.1%	56.5	56.5	0.0	0.0%	
54.3%	56.5	56.5	0.0	0.0%	
55.6%	56.5	56.5	0.1	0.1%	
56.8%	56.4	56.5	0.1	0.1%	
58.0%	56.4	56.5	0.1	0.2%	
59.3%	56.3	56.5	0.2	0.3%	
60.5%	56.3	56.5	0.2	0.4%	
61.7%	56.2	56.5	0.3	0.5%	
63.0%	56.2	56.4	0.2	0.3%	
64.2%	56.2	56.4	0.2	0.3%	
65.4%	56.2	56.4	0.2	0.4%	
66.7%	56.2	56.3	0.1	0.2%	
67.9%	56.2	56.2	0.1	0.1%	
69.1%	56.2	56.2	0.0	0.1%	
70.4%	56.2	56.1	0.0	0.0%	
71.6%	56.1	56.1	0.0	0.0%	
72.8%	56.1	56.0	0.0	0.0%	
74.1%	56.1	56.0	-0.1	-0.1%	
75.3%	56.1	56.0	-0.1	-0.1%	
76.5%	56.1	56.0	-0.1	-0.2%	
77.8%	56.0	55.9	-0.1	-0.2%	
79.0%	56.0	55.9	-0.1	-0.1%	
80.2%	55.9				

Table SQ-06-9a
Sacramento River at Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.4	57.1	57.9	58.8	58.9
Alternative D	54.9	50.7	46.3	44.7	46.3	49.7	53.8	56.5	57.2	58.0	58.5	58.5
Difference	-0.5	-0.2	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.1	-0.3	-0.5
Percent Difference ³	-0.9%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.1%	0.3%	0.1%	-0.5%	-0.8%
Water Year Types ²												
Wet (32%)												
No Action Alternative	54.8	51.4	46.2	44.6	45.9	48.7	52.3	56.1	56.9	57.9	58.2	56.7
Alternative D	54.6	51.2	46.6	44.8	46.0	48.7	52.5	55.9	56.8	58.1	58.3	56.6
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.4%	0.9%	0.3%	0.1%	0.1%	0.3%	-0.3%	-0.2%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.8	53.7	57.1	56.4	56.9	58.3	58.0
Alternative D	54.2	50.6	46.9	45.0	46.3	49.9	54.0	56.8	56.7	56.9	58.4	57.8
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.2	0.3	0.1	0.2	-0.2
Percent Difference	-0.6%	-0.2%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.4%	0.5%	0.2%	0.3%	-0.3%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.8	49.6	53.9	56.5	56.7	57.2	57.9	58.9
Alternative D	53.8	50.2	46.5	44.5	45.9	49.6	54.5	56.7	56.8	57.3	58.0	58.5
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.4
Percent Difference	-0.8%	-0.4%	0.3%	0.5%	0.1%	0.1%	1.1%	0.2%	0.3%	0.1%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.0	56.1	57.1	57.4	58.6	60.0
Alternative D	54.9	50.7	46.0	44.7	46.4	50.4	54.6	56.3	57.6	57.7	58.3	59.3
Difference	-0.8	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.5	0.3	-0.4	-0.7
Percent Difference	-1.4%	-0.8%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.9%	0.4%	-0.6%	-1.1%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.0	50.8	53.6	56.9	58.4	60.5	62.0	63.1
Alternative D	57.7	50.4	45.4	44.6	47.2	50.9	54.4	57.4	58.4	60.0	60.0	61.7
Difference	-0.9	-0.3	0.2	0.3	0.1	0.1	0.7	0.5	0.0	-0.5	-2.0	-1.3
Percent Difference	-1.6%	-0.6%	0.5%	0.6%	0.3%	0.2%	1.4%	0.9%	0.0%	-0.8%	-3.2%	-2.1%

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

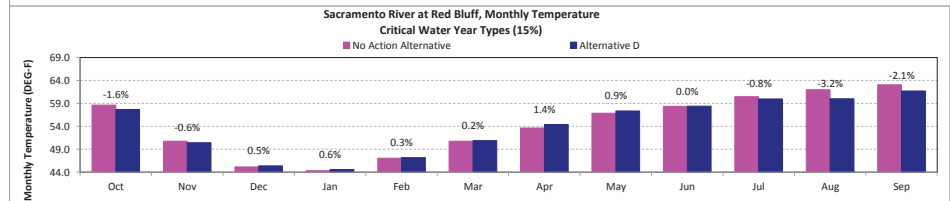
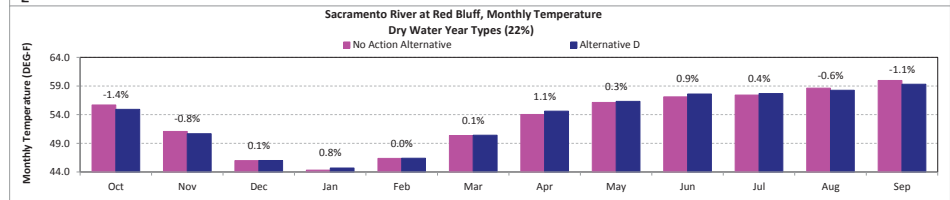
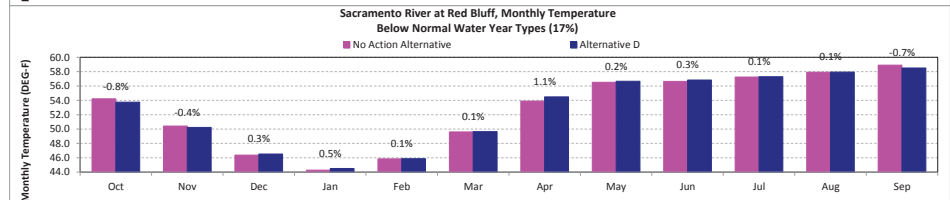
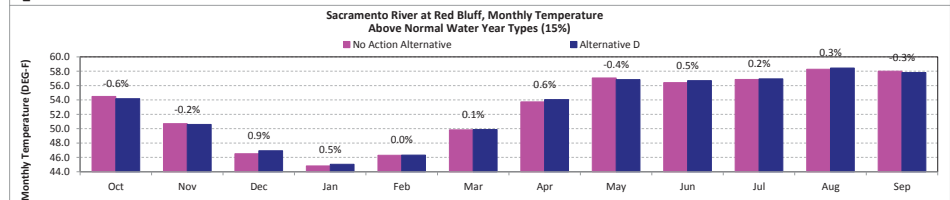
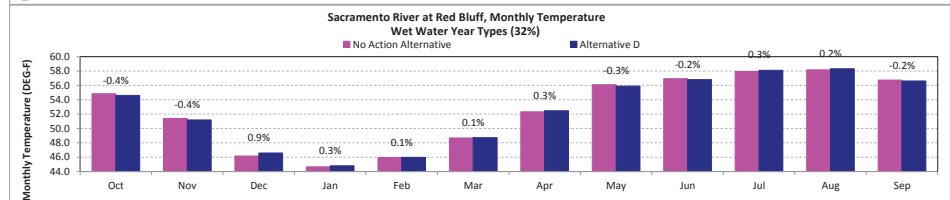
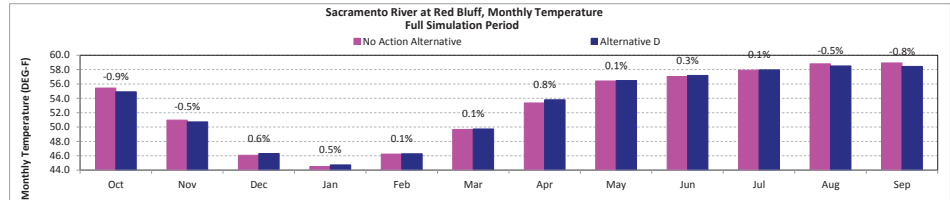


Figure SQ-06-9b
 Sacramento River at Red Bluff, Monthly Temperature
 Probability of Exceedance

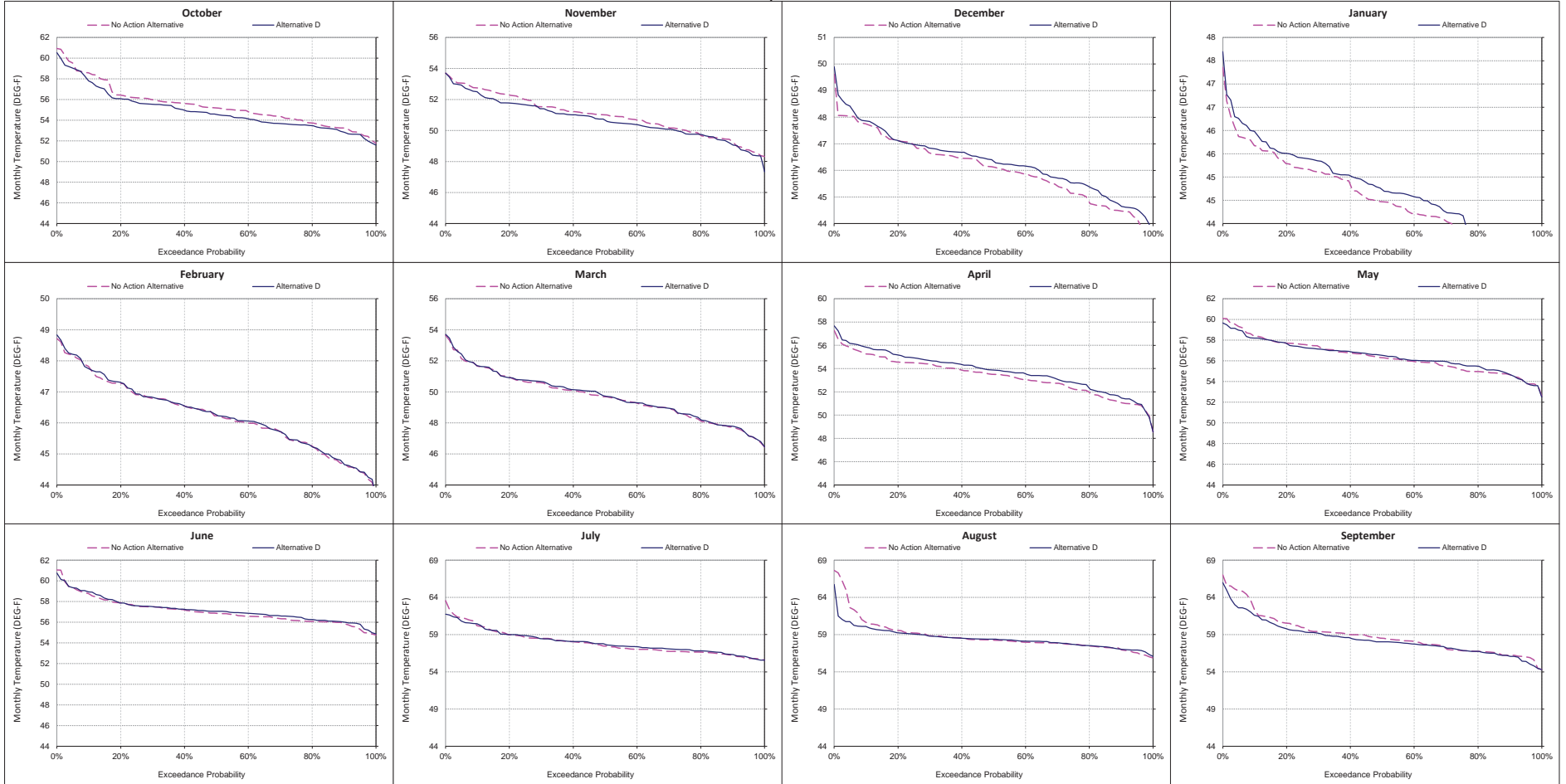


Table SQ-06-9b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.9	60.5	-0.4	-0.6%
1.2%	60.9	60.0	-0.9	-1.5%
2.5%	60.3	59.3	-1.0	-1.6%
3.7%	59.7	59.2	-0.5	-0.9%
4.9%	59.5	59.1	-0.5	-0.8%
6.2%	58.8	58.9	0.1	0.2%
7.4%	58.7	58.7	0.0	0.0%
8.6%	58.6	58.3	-0.3	-0.5%
9.9%	58.6	57.8	-0.8	-1.3%
11.1%	58.4	57.6	-0.8	-1.3%
12.3%	58.4	57.3	-1.1	-1.9%
13.6%	58.0	57.1	-0.9	-1.5%
14.8%	57.9	57.0	-0.9	-1.5%
16.0%	57.9	56.5	-1.4	-2.3%
17.3%	56.7	56.2	-0.6	-1.0%
18.5%	56.4	56.1	-0.3	-0.6%
19.8%	56.4	56.1	-0.4	-0.6%
21.0%	56.4	56.0	-0.3	-0.6%
22.2%	56.3	56.0	-0.2	-0.4%
23.5%	56.2	55.9	-0.3	-0.6%
24.7%	56.2	55.7	-0.4	-0.8%
25.9%	56.1	55.5	-0.6	-1.0%
27.2%	56.1	55.6	-0.5	-0.9%
28.4%	56.1	55.6	-0.5	-1.0%
29.6%	56.0	55.6	-0.4	-0.8%
30.9%	55.9	55.5	-0.4	-0.7%
32.1%	55.9	55.5	-0.3	-0.6%
33.3%	55.8	55.5	-0.3	-0.6%
34.5%	55.8	55.5	-0.3	-0.5%
35.8%	55.7	55.4	-0.3	-0.6%
37.0%	55.7	55.2	-0.5	-1.0%
38.3%	55.7	55.1	-0.6	-1.1%
39.5%	55.6	55.0	-0.6	-1.1%
40.7%	55.6	54.9	-0.7	-1.3%
42.0%	55.6	54.8	-0.7	-1.3%
43.2%	55.5	54.8	-0.7	-1.3%
44.4%	55.4	54.8	-0.6	-1.1%
45.7%	55.3	54.8	-0.5	-0.9%
46.9%	55.2	54.8	-0.5	-0.9%
48.1%	55.2	54.6	-0.6	-1.1%
49.4%	55.2	54.6	-0.6	-1.1%
50.6%	55.2	54.5	-0.6	-1.2%
51.9%	55.1	54.5	-0.7	-1.2%
53.1%	55.0	54.4	-0.6	-1.1%
54.3%	55.0	54.4	-0.6	-1.1%
55.6%	55.0	54.3	-0.7	-1.3%
56.8%	54.9	54.2	-0.7	-1.3%
58.0%	54.9	54.2	-0.7	-1.3%
59.3%	54.9	54.2	-0.7	-1.4%
60.5%	54.7	54.1	-0.7	-1.2%
61.7%	54.7	54.0	-0.6	-1.1%
63.0%	54.6	54.0	-0.6	-1.2%
64.2%	54.5	53.8	-0.7	-1.3%
65.4%	54.5	53.8	-0.7	-1.3%
66.7%	54.5	53.7	-0.7	-1.4%
67.9%	54.4	53.7	-0.7	-1.3%
69.1%	54.4	53.7	-0.7	-1.3%
70.4%	54.3	53.7	-0.7	-1.2%
71.6%	54.2	53.7	-0.5	-1.0%
72.8%	54.2	53.6	-0.6	-1.0%
74.1%	54.2	53.6	-0.6	-1.1%
75.3%	54.0	53.6	-0.5	-0.9%
76.5%	54.0	53.5	-0.5	-0.9%
77.8%	53.8	53.5	-0.3	-0.5%
79.0%	53.7	53.5	-0.3	-0.5%
80.2%	53.7	53.5	-0.3	-0.5%
81.5%	53.6	53.3	-0.3	-0.6%
82.7%	53.5	53.2	-0.3	-0.5%
84.0%	53.4	53.2	-0.2	-0.4%
85.2%	53.4	53.2	-0.2	-0.3%
86.4%	53.3	53.2	-0.2	-0.4%
87.7%	53.3	53.1	-0.2	-0.3%
88.9%	53.2	52.9	-0.3	-0.6%
90.1%	53.2	52.8	-0.4	-0.8%
91.4%	53.1	52.7	-0.4	-0.8%
92.6%	52.9	52.6	-0.2	-0.4%
93.8%	52.9	52.6	-0.2	-0.4%
95.1%	52.7	52.6	-0.1	-0.1%
96.3%	52.5	52.3	-0.2	-0.3%
97.5%	52.4	52.0	-0.5	-0.9%
98.8%	52.0	51.8	-0.3	-0.5%
100.0%	51.8	51.6	0.0	-0.4%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.7	53.7	0.0	0.0%
1.2%	53.5	53.4	-0.1	-0.1%
2.5%	53.2	53.0	-0.2	-0.4%
3.7%	53.1	53.0	-0.1	-0.2%
4.9%	53.1	52.9	-0.1	-0.2%
6.2%	53.0	52.7	-0.3	-0.6%
7.4%	52.9	52.6	-0.3	-0.5%
8.6%	52.8	52.5	-0.2	-0.4%
9.9%	52.7	52.5	-0.3	-0.5%
11.1%	52.7	52.3	-0.4	-0.8%
12.3%	52.6	52.1	-0.5	-1.0%
13.6%	52.6	52.1	-0.5	-1.0%
14.8%	52.5	52.1	-0.5	-0.9%
16.0%	52.4	51.9	-0.5	-1.0%
17.3%	52.4	51.8	-0.6	-1.1%
18.5%	52.3	51.8	-0.6	-1.1%
19.8%	52.3	51.8	-0.5	-1.0%
21.0%	52.2	51.7	-0.5	-1.0%
22.2%	52.2	51.7	-0.5	-1.0%
23.5%	52.1	51.7	-0.4	-0.7%
24.7%	52.0	51.7	-0.4	-0.7%
25.9%	52.0	51.6	-0.4	-0.7%
27.2%	51.9	51.6	-0.3	-0.6%
28.4%	51.5	51.6	0.1	0.1%
29.6%	51.5	51.4	-0.1	-0.2%
30.9%	51.5	51.4	-0.1	-0.2%
32.1%	51.5	51.3	-0.3	-0.5%
33.3%	51.5	51.2	-0.3	-0.6%
34.5%	51.5	51.1	-0.4	-0.7%
35.8%	51.3	51.1	-0.3	-0.5%
37.0%	51.3	51.1	-0.3	-0.5%
38.3%	51.2	51.0	-0.2	-0.4%
39.5%	51.2	51.0	-0.2	-0.4%
40.7%	51.2	51.0	-0.2	-0.4%
42.0%	51.2	51.0	-0.2	-0.4%
43.2%	51.1	51.0	-0.2	-0.3%
44.4%	51.1	51.0	-0.2	-0.3%
45.7%	51.1	50.9	-0.2	-0.4%
46.9%	51.0	50.8	-0.3	-0.6%
48.1%	51.0	50.7	-0.3	-0.6%
49.4%	51.0	50.7	-0.3	-0.6%
50.6%	51.0	50.6	-0.4	-0.8%
51.9%	50.9	50.5	-0.4	-0.8%
53.1%	50.9	50.5	-0.4	-0.8%
54.3%	50.9	50.5	-0.4	-0.8%
55.6%	50.9	50.5	-0.4	-0.8%
56.8%	50.8	50.4	-0.3	-0.6%
58.0%	50.7	50.4	-0.3	-0.6%
59.3%	50.7	50.4	-0.3	-0.6%
60.5%	50.7	50.4	-0.3	-0.6%
61.7%	50.6	50.3	-0.3	-0.7%
63.0%	50.5	50.2	-0.3	-0.5%
64.2%	50.4	50.2	-0.3	-0.5%
65.4%	50.4	50.2	-0.3	-0.5%
66.7%	50.4	50.1	-0.3	-0.5%
67.9%	50.3	50.1	-0.2	-0.4%
69.1%	50.2	50.1	-0.1	-0.3%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.2	50.0	-0.1	-0.3%
72.8%	50.1	50.0	-0.1	-0.3%
74.1%	50.1	49.9	-0.1	-0.3%
75.3%	50.0	49.8	-0.2	-0.5%
76.5%	49.9	49.8	-0.1	-0.3%
77.8%	49.9	49.8	-0.1	-0.3%
79.0%	49.8	49.8	0.0	0.0%
80.2%	49.7	49.7	0.0	0.0%
81.5%	49.6	49.7	0.0	0.1%
82.7%	49.5	49.6	0.1	0.1%
84.0%	49.5	49.6	0.1	0.1%
85.2%	49.5	49.4	-0.1	-0.2%
86.4%	49.5	49.4	-0.1	-0.2%
87.7%	49.4	49.4	0.0	0.0%
88.9%	49.4	49.2	-0.2	-0.4%
90.1%	49.2	49.1	-0.2	-0.4%
91.4%	49.0	49.0	0.0	0.0%
92.6%	48.9	48.7	-0.2	-0.4%
93.8%	48.8	48.7	-0.1	-0.1%
95.1%	48.7	48.6	-0.1	-0.3%
96.3%	48.4	48.3	-0.1	-0.2%
97.5%	48.6	48.4	-0.2	-0.4%
98.8%	48.4	48.4	0.0	0.0%
100.0%	48.3	47.3	-1.0	-2.1%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	49.6	49.9	0.3	0.6%
1.2%	48.1	48.8	0.8	1.6%
2.5%	48.1	49.6	1.6	3.2%
3.7%	48.1	48.5	0.4	0.9%
4.9%	48.0	48.4	0.4	0.8%
6.2%	48.0	48.2	0.2	0.4%
7.4%	47.8	48.0	0.1	0.3%
8.6%	47.8	47.9	0.1	0.2%
9.9%	47.8	47.9	0.1	0.2%
11.1%	47.7	47.8	0.1	0.3%
12.3%	47.6	47.8	0.1	0.3%
13.6%	47.6	47.7	0.1	0.1%
14.8%	47.3	47.6	0.2	0.5%
16.0%	47.3	47.5	0.2	0.4%
17.3%	47.2	47.3	0.1	0.3%
18.5%	47.2	47.2	0.0	0.0%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.1	47.1	0.0	0.0%
22.2%	47.1	47.0	-0.0	-0.1%
23.5%	47.1	47.0	-0.1	-0.1%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.9	47.0	0.1	0.2%
27.2%	46.8	46.9	0.1	0.2%
28.4%	46.8	46.9	0.1	0.2%
29.6%	46.7	46.8	0.2	0.4%
30.9%	46.6	46.8	0.2	0.4%
32.1%	46.6	46.8	0.2	0.4%
33.3%	46.6	46.8	0.2	0.3%
34.5%	46.7	46.7	0.0	0.0%
35.8%	46.6	46.7	0.2	0.3%
37.0%	46.5	46.7	0.2	0.4%
38.3%	46.5	46.7	0.2	0.4%
39.5%	46.5	46.7	0.2	0.5%
40.7%	46.5	46.7	0.2	0.5%
42.0%	46.5	46.6	0.2	0.3%
43.2%	46.4	46.5	0.1	0.2%
44.4%	46.4	46.5	0.1	0.2%
45.7%	46.3	46.5	0.2	0.4%
46.9%	46.2	46.5	0.3	0.7%
48.1%	46.1	46.4	0.3	0.6%
49.4%	46.1	46.4	0.3	0.6%
50.6%	46.1	46.3	0.2	0.4%
51.9%	46.1	46.3	0.2	0.5%
53.1%	46.0	46.2	0.2	0.4%
54.3%	46.0	46.2	0.3	0.6%
55.6%	46.0	46.2	0.3	0.6%
56.8%	45.9	46.2	0.2	0.5%
58.0%	45.9	46.2	0.3	0.6%
59.3%	45.9	46.2	0.3	0.7%
60.5%	45.9	46.2	0.3	0.6%
61.7%	45.8	46.1	0.3	0.7%
63.0%	45.8	46.1	0.3	0.7%
64.2%	45.8	46.0	0.3	0.6%
65.4%	45.7	45.9	0.2	0.4%
66.7%	45.6	45.8	0.2	0.5%
67.9%	45.5	45.7	0.2	0.5%
69.1%	45.5	45.7	0.2	0.5%
70.4%	45.4	45.7	0.3	0.7%
71.6%	45.3	45.7	0.4	0.8%
72.8%	45.3	45.6	0.3	0.7%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.9%
76.5%	45.1	45.5	0.4	0.9%
77.8%	45.1	45.5	0.4	0.9%
79.0%	45.0	45.5	0.5	1.0%
80.2%	44.7	45.4	0.6	1.4%
81.5%	44.7	45.3	0.6	1.3%
82.7%	44.7	45.2	0.6	1.3%
84.0%	44.7	45.1	0.4	0.9%
85.2%	44.7	45.0	0.4	0.8%
86.4%	44.5	44.9	0.4	0.8%
87.7%	44.5	44.8	0.3	0.7%
88.9%	44.5	44.8	0.3	0.6%
90.1%	44.5	44.6	0.2	0.4%
91.4%	44.5	44.6	0.2	0.4%
92.6%	44.4	44.6	0.2	0.4%
93.8%	44.3	44.6	0.3	0.7%
95.1%	44.2	44.6	0.4	0.8%
96.3%	43.9	44.4	0.5	1.2%
97.5%	43.6	44.2	0.6	1.5%
98.8%	43.6	44.0	0.4	0.9%
100.0%	42.2	42.5	0.3	0.8%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)

Table SQ-06-9b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.7	48.8	0.1	0.2%	
1.2%	48.6	48.7	0.1	0.1%	
2.5%	48.3	48.4	0.1	0.3%	
3.7%	48.2	48.3	0.0	0.1%	
4.9%	48.2	48.2	0.0	0.1%	
6.2%	48.1	48.2	0.1	0.2%	
7.4%	48.0	48.1	0.0	0.1%	
8.6%	47.9	47.8	-0.1	-0.2%	
9.9%	47.8	47.8	-0.1	-0.1%	
11.1%	47.6	47.7	0.0	0.1%	
12.3%	47.5	47.6	0.2	0.3%	
13.6%	47.5	47.6	0.2	0.4%	
14.8%	47.4	47.6	0.2	0.4%	
16.0%	47.3	47.4	0.1	0.1%	
17.3%	47.3	47.3	0.1	0.1%	
18.5%	47.3	47.3	0.1	0.1%	
19.8%	47.3	47.3	0.0	0.1%	
21.0%	47.3	47.3	0.0	0.0%	
22.2%	47.1	47.1	0.0	0.1%	
23.5%	47.0	47.1	0.1	0.2%	
24.7%	46.9	46.9	0.0	0.1%	
25.9%	46.9	46.9	0.0	0.1%	
27.2%	46.9	46.8	0.0	-0.1%	
28.4%	46.8	46.8	0.0	0.0%	
29.6%	46.8	46.8	0.0	0.1%	
30.9%	46.8	46.8	0.0	0.0%	
32.1%	46.8	46.8	0.0	0.0%	
33.3%	46.8	46.8	0.0	-0.1%	
34.5%	46.7	46.7	0.0	0.0%	
35.8%	46.7	46.7	0.0	0.0%	
37.0%	46.6	46.6	0.0	0.1%	
38.3%	46.6	46.6	0.1	0.1%	
39.5%	46.6	46.6	0.0	0.0%	
40.7%	46.5	46.5	0.0	0.0%	
42.0%	46.5	46.5	0.0	0.1%	
43.2%	46.5	46.5	0.0	0.0%	
44.4%	46.4	46.4	0.0	0.0%	
45.7%	46.4	46.4	0.0	-0.1%	
46.9%	46.4	46.4	0.0	0.0%	
48.1%	46.4	46.4	0.0	0.0%	
49.4%	46.2	46.3	0.1	0.2%	
50.6%	46.2	46.2	0.0	0.0%	
51.9%	46.2	46.2	0.0	0.1%	
53.1%	46.1	46.2	0.1	0.1%	
54.3%	46.1	46.2	0.1	0.1%	
55.6%	46.1	46.1	0.1	0.2%	
56.8%	46.0	46.1	0.0	0.1%	
58.0%	46.0	46.1	0.0	0.1%	
59.3%	46.0	46.1	0.1	0.1%	
60.5%	46.0	46.1	0.1	0.1%	
61.7%	46.0	46.0	0.1	0.1%	
63.0%	45.9	46.0	0.1	0.1%	
64.2%	45.8	46.0	0.1	0.3%	
65.4%	45.8	45.9	0.1	0.2%	
66.7%	45.8	45.8	0.0	0.0%	
67.9%	45.8	45.8	0.0	-0.1%	
69.1%	45.8	45.7	0.0	0.0%	
70.4%	45.7	45.7	0.0	0.0%	
71.6%	45.5	45.6	0.1	0.2%	
72.8%	45.5	45.5	0.0	0.0%	
74.1%	45.4	45.5	0.0	0.1%	
75.3%	45.4	45.5	0.0	0.1%	
76.5%	45.4	45.4	0.0	0.0%	
77.8%	45.4	45.3	0.0	-0.1%	
79.0%	45.3	45.3	0.0	-0.1%	
80.2%	45.2	45.2	0.0	0.0%	
81.5%	45.1	45.2	0.0	0.1%	
82.7%	45.0	45.1	0.1	0.2%	
84.0%	45.0	45.0	0.0	0.0%	
85.2%	44.9	45.0	0.1	0.3%	
86.4%	44.8	44.9	0.0	0.1%	
87.7%	44.8	44.8	0.0	0.1%	
88.9%	44.7	44.8	0.1	0.2%	
90.1%	44.7	44.6	0.0	-0.1%	
91.4%	44.6	44.6	0.0	0.1%	
92.6%	44.6	44.6	0.0	0.0%	
93.8%	44.5	44.5	0.0	0.1%	
95.1%	44.4	44.4	0.0	0.0%	
96.3%	44.4	44.4	0.0	0.1%	
97.5%	44.2	44.2	0.1	0.1%	
98.8%	44.1	44.2	0.1	0.2%	
100.0%	43.6	43.6	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.6	53.7	0.1	0.1%	
1.2%	53.3	53.5	0.1	0.3%	
2.5%	52.7	52.8	0.2	0.3%	
3.7%	52.6	52.8	-0.1	-0.1%	
4.9%	52.1	52.4	0.3	0.6%	
6.2%	52.0	52.1	0.1	0.2%	
7.4%	51.9	51.9	0.0	0.0%	
8.6%	51.9	51.9	0.0	0.0%	
9.9%	51.7	51.7	0.0	0.0%	
11.1%	51.6	51.6	0.0	0.1%	
12.3%	51.6	51.6	0.0	0.1%	
13.6%	51.5	51.6	0.1	0.1%	
14.8%	51.4	51.3	-0.1	-0.2%	
16.0%	51.3	51.3	0.0	0.0%	
17.3%	51.0	51.0	0.0	0.0%	
18.5%	51.0	51.0	-0.1	-0.1%	
19.8%	51.0	50.9	-0.1	-0.1%	
21.0%	50.9	50.9	0.0	0.1%	
22.2%	50.8	50.8	0.0	0.1%	
23.5%	50.8	50.8	0.0	0.0%	
24.7%	50.7	50.8	0.1	0.2%	
25.9%	50.6	50.7	0.1	0.2%	
27.2%	50.6	50.7	0.1	0.2%	
28.4%	50.6	50.7	0.1	0.2%	
29.6%	50.6	50.7	0.1	0.2%	
30.9%	50.6	50.6	0.1	0.2%	
32.1%	50.4	50.5	0.2	0.3%	
33.3%	50.3	50.4	0.1	0.3%	
34.5%	50.2	50.3	0.1	0.2%	
35.8%	50.2	50.3	0.1	0.3%	
37.0%	50.1	50.3	0.2	0.3%	
38.3%	50.1	50.2	0.1	0.2%	
39.5%	50.1	50.2	0.1	0.1%	
40.7%	50.1	50.1	0.0	0.1%	
42.0%	50.0	50.1	0.1	0.2%	
43.2%	50.0	50.1	0.1	0.2%	
44.4%	49.9	50.1	0.2	0.4%	
45.7%	49.8	50.0	0.2	0.5%	
46.9%	49.8	50.0	0.3	0.5%	
48.1%	49.8	49.9	0.1	0.3%	
49.4%	49.7	49.8	0.1	0.1%	
50.6%	49.7	49.7	0.0	0.0%	
51.9%	49.6	49.7	0.1	0.1%	
53.1%	49.6	49.6	0.0	0.1%	
54.3%	49.5	49.5	0.0	0.0%	
55.6%	49.4	49.4	0.0	0.0%	
56.8%	49.4	49.3	-0.1	-0.2%	
58.0%	49.4	49.3	-0.1	-0.1%	
59.3%	49.3	49.3	0.0	0.0%	
60.5%	49.2	49.3	0.1	0.1%	
61.7%	49.1	49.3	0.1	0.3%	
63.0%	49.1	49.2	0.0	0.1%	
64.2%	49.0	49.1	0.1	0.1%	
65.4%	49.0	49.1	0.0	0.1%	
66.7%	49.0	49.0	0.0	0.0%	
67.9%	49.0	49.0	0.0	0.0%	
69.1%	49.0	49.0	0.0	0.0%	
70.4%	48.9	48.9	0.0	0.1%	
71.6%	48.8	48.9	0.0	0.1%	
72.8%	48.6	48.6	0.0	0.1%	
74.1%	48.6	48.6	0.0	0.0%	
75.3%	48.5	48.6	0.0	0.1%	
76.5%	48.4	48.6	0.2	0.4%	
77.8%	48.3	48.4	0.1	0.2%	
79.0%	48.3	48.4	0.1	0.2%	
80.2%	48.1	48.2	0.1	0.2%	
81.5%	48.1	48.1	0.1	0.2%	
82.7%	48.0	48.0	0.1	0.1%	
84.0%	48.0	48.0	0.0	0.0%	
85.2%	47.9	47.9	0.0	-0.1%	
86.4%	47.8	47.9	0.0	0.1%	
87.7%	47.8	47.8	0.0	0.0%	
88.9%	47.7	47.8	0.1	0.1%	
90.1%	47.7	47.8	0.1	0.1%	
91.4%	47.6	47.7	0.1	0.2%	
92.6%	47.6	47.6	0.1	0.2%	
93.8%	47.4	47.4	0.0	0.0%	
95.1%	47.2	47.2	0.0	0.0%	
96.3%	47.1	47.1	0.0	0.0%	
97.5%	46.9	47.0	0.0	0.0%	
98.8%	46.7	46.8	0.0	0.1%	
100.0%	46.4	46.4	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	57.3	57.7	0.4	0.7%	
1.2%	56.5	57.2	0.7	1.2%	
2.5%	56.7	57.5	0.4	0.6%	
3.7%	56.0	56.4	0.5	0.8%	
4.9%	55.8	56.2	0.3	0.6%	
6.2%	55.7	56.1	0.5	0.8%	
7.4%	55.5	56.0	0.5	0.9%	
8.6%	55.4	55.9	0.5	0.9%	
9.9%	55.3	55.8	0.6	1.1%	
11.1%	55.2	55.8	0.5	1.0%	
12.3%	55.2	55.6	0.4	0.8%	
13.6%	55.0	55.6	0.6	1.0%	
14.8%	55.0	55.6	0.6	1.1%	
16.0%	55.0	55.6	0.6	1.1%	
17.3%	54.6	55.5	0.8	1.5%	
18.5%	54.6	55.2	0.6	1.1%	
19.8%	54.6	55.2	0.6	1.2%	
21.0%	54.5	55.1	0.6	1.0%	
22.2%	54.5	55.0	0.5	0.8%	
23.5%	54.5	55.0	0.5	0.8%	
24.7%	54.5	55.0	0.5	0.8%	
25.9%	54.1	54.9	0.4	0.7%	
27.2%	54.5	54.8	0.4	0.7%	
28.4%	54.4	54.7	0.3	0.6%	
29.6%	54.4	54.7	0.3	0.5%	
30.9%	54.3	54.7	0.3	0.6%	
32.1%	54.2	54.6	0.4	0.8%	
33.3%	54.2	54.6	0.4	0.7%	
34.5%	54.1	54.5	0.5	0.9%	
35.8%	54.0	54.5	0.5	0.9%	
37.0%	54.0	54.5	0.5	0.8%	
38.3%	54.0	54.4	0.5	0.8%	
39.5%	53.9	54.4	0.5	0.9%	
40.7%	53.8	54.3	0.5	0.9%	
42.0%	53.8	54.3	0.5	0.9%	
43.2%	53.7	54.3	0.5	1.0%	
44.4%	53.7	54.1	0.4	0.8%	
45.7%	53.7	54.0	0.4	0.7%	
46.9%	53.6	54.0	0.3	0.6%	
48.1%	53.6	53.9	0.4	0.7%	
49.4%	53.5	53.9	0.4	0.7%	
50.6%	53.5	53.9	0.4	0.7%	
51.9%	53.5	53.8	0.3	0.6%	
53.1%	53.4	53.8	0.4	0.7%	
54.3%	53.4	53.7	0.3	0.6%	
55.6%	53.3	53.7	0.4	0.7%	
56.8%	53.2	53.6	0.4	0.8%	
58.0%	53.1	53.6	0.5	0.9%	
59.3%	53.1	53.6	0.6	1.1%	
60.5%	53.0	53.5	0.5	0.9%	
61.7%	53.0	53.4	0.4	0.8%	
63.0%	53.0	53.4	0.4	0.8%	
64.2%	52.9	53.4	0.5	0.9%	
65.4%	52.8	53.4	0.6	1.1%	
66.7%	52.8	53.4	0.6	1.1%	
67.9%	52.8	53.3	0.5	1.0%	
69.1%	52.7	53.2	0.4	0.8%	
70.4%	52.7	53.1	0.3	0.6%	
71.6%	52.7	52.9	0.3	0.5%	
72.8%	52.5	52.9	0.4	0.7%	
74.1%	52.3	52.8	0.5	1.0%	
75.3%	52.2	52.8	0.6	1.1%	
76.5%	52.2	52.7	0.5	1.0%	
77.8%	52.1	52.7	0.5	1.0%	
79.0%	52.1	52.6	0.5	1.0%	
80.2%	51.				

Table SQ-06-9b
Sacramento River at Red Bluff, Monthly Temperature
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	61.1	60.8	-0.3	-0.5%	
1.2%	61.0	60.1	-0.9	-1.5%	
2.5%	60.9	60.0	-0.9	-1.5%	
3.7%	60.5	60.0	0.0	0.0%	
4.9%	59.4	59.4	0.0	0.0%	
6.2%	59.1	59.3	0.2	0.3%	
7.4%	59.0	59.1	0.1	0.2%	
8.6%	58.9	59.0	0.2	0.3%	
9.9%	58.8	58.9	0.2	0.3%	
11.1%	58.5	58.9	0.4	0.6%	
12.3%	58.4	58.7	0.2	0.4%	
13.6%	58.3	58.6	0.3	0.5%	
14.8%	58.2	58.3	0.2	0.3%	
16.0%	58.2	58.2	0.1	0.1%	
17.3%	58.0	58.2	0.2	0.4%	
18.5%	57.9	58.0	0.1	0.2%	
19.8%	57.9	57.9	0.0	0.0%	
21.0%	57.9	57.8	0.0	-0.1%	
22.2%	57.7	57.7	0.0	0.0%	
23.5%	57.7	57.6	-0.1	-0.2%	
24.7%	57.5	57.6	0.0	0.1%	
25.9%	57.6	57.6	0.0	0.1%	
27.2%	57.5	57.6	0.0	0.1%	
28.4%	57.5	57.5	0.0	0.1%	
29.6%	57.5	57.5	0.0	0.0%	
30.9%	57.5	57.5	0.0	0.0%	
32.1%	57.4	57.5	0.0	0.0%	
33.3%	57.4	57.4	0.1	0.1%	
34.5%	57.3	57.4	0.1	0.2%	
35.8%	57.3	57.3	0.1	0.1%	
37.0%	57.3	57.3	0.1	0.1%	
38.3%	57.2	57.3	0.0	0.1%	
39.5%	57.2	57.2	0.0	0.1%	
40.7%	57.1	57.2	0.1	0.1%	
42.0%	57.1	57.2	0.1	0.2%	
43.2%	57.0	57.2	0.2	0.3%	
44.4%	57.0	57.1	0.2	0.3%	
45.7%	57.0	57.1	0.2	0.3%	
46.9%	57.0	57.1	0.1	0.2%	
48.1%	56.9	57.1	0.2	0.3%	
49.4%	56.9	57.1	0.2	0.3%	
50.6%	56.8	57.0	0.2	0.4%	
51.9%	56.8	57.0	0.2	0.4%	
53.1%	56.8	57.0	0.2	0.4%	
54.3%	56.8	57.0	0.2	0.4%	
55.6%	56.8	56.9	0.2	0.3%	
56.8%	56.6	56.9	0.3	0.5%	
58.0%	56.6	56.9	0.3	0.5%	
59.3%	56.6	56.9	0.3	0.5%	
60.5%	56.6	56.9	0.3	0.5%	
61.7%	56.6	56.8	0.3	0.5%	
63.0%	56.6	56.8	0.2	0.4%	
64.2%	56.5	56.8	0.2	0.4%	
65.4%	56.5	56.7	0.2	0.4%	
66.7%	56.5	56.7	0.1	0.2%	
67.9%	56.4	56.6	0.2	0.4%	
69.1%	56.4	56.6	0.3	0.5%	
70.4%	56.3	56.6	0.3	0.5%	
71.6%	56.3	56.6	0.3	0.5%	
72.8%	56.2	56.6	0.4	0.7%	
74.1%	56.2	56.6	0.4	0.7%	
75.3%	56.2	56.5	0.3	0.6%	
76.5%	56.1	56.5	0.3	0.6%	
77.8%	56.1	56.3	0.2	0.4%	
79.0%	56.1	56.3	0.2	0.3%	
80.2%	56.1	56.3	0.2	0.3%	
81.5%	56.1	56.2	0.1	0.2%	
82.7%	56.0	56.2	0.1	0.3%	
84.0%	56.0	56.2	0.2	0.3%	
85.2%	56.0	56.1	0.1	0.1%	
86.4%	56.0	56.1	0.1	0.1%	
87.7%	56.0	56.3	0.1	0.2%	
88.9%	56.0	56.1	0.1	0.1%	
90.1%	55.9	56.0	0.1	0.3%	
91.4%	55.7	55.9	0.2	0.3%	
92.6%	55.6	55.9	0.3	0.6%	
93.8%	55.5	55.9	0.3	0.6%	
95.1%	55.3	55.8	0.5	0.9%	
96.3%	55.0	55.3	0.1	0.2%	
97.5%	55.0	55.2	0.3	0.5%	
98.8%	54.9	55.0	0.1	0.2%	
100.0%	54.8	54.9	0.1	0.2%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	63.6	61.7	-1.8	-2.9%	
1.2%	62.4	61.6	-0.7	-1.2%	
2.5%	61.8	61.4	-0.4	-0.6%	
3.7%	61.4	61.3	-0.1	-0.1%	
4.9%	61.3	60.8	-0.5	-0.8%	
6.2%	61.2	60.6	-0.5	-0.9%	
7.4%	61.0	60.6	-0.4	-0.7%	
8.6%	60.8	60.5	-0.3	-0.6%	
9.9%	60.2	60.5	0.3	0.5%	
11.1%	60.1	60.2	0.1	0.2%	
12.3%	60.0	59.8	-0.3	-0.4%	
13.6%	59.7	59.6	-0.1	-0.2%	
14.8%	59.5	59.6	0.1	0.1%	
16.0%	59.4	59.6	0.2	0.3%	
17.3%	59.3	59.1	-0.3	-0.4%	
18.5%	59.2	59.1	-0.2	-0.3%	
19.8%	59.0	59.0	0.0	0.0%	
21.0%	58.9	59.0	0.0	-0.1%	
22.2%	58.9	59.0	0.1	0.2%	
23.5%	58.8	58.9	0.0	-0.1%	
24.7%	58.7	58.9	0.2	0.4%	
25.9%	58.5	58.8	0.3	0.5%	
27.2%	58.5	58.8	0.2	0.4%	
28.4%	58.5	58.7	0.1	0.2%	
29.6%	58.5	58.5	0.0	0.0%	
30.9%	58.5	58.4	-0.1	-0.1%	
32.1%	58.5	58.4	-0.1	-0.1%	
33.3%	58.4	58.4	-0.1	-0.1%	
34.5%	58.3	58.2	-0.1	-0.1%	
35.8%	58.2	58.2	0.0	0.0%	
37.0%	58.1	58.2	0.1	0.1%	
38.3%	58.1	58.1	0.0	0.0%	
39.5%	58.1	58.1	0.0	0.0%	
40.7%	58.0	58.1	0.1	0.1%	
42.0%	58.0	58.1	0.1	0.2%	
43.2%	57.9	58.1	0.1	0.2%	
44.4%	57.9	58.0	0.1	0.2%	
45.7%	57.8	57.9	0.1	0.1%	
46.9%	57.7	57.8	0.1	0.2%	
48.1%	57.6	57.8	0.1	0.2%	
49.4%	57.5	57.8	0.3	0.5%	
50.6%	57.5	57.6	0.2	0.3%	
51.9%	57.4	57.6	0.2	0.4%	
53.1%	57.3	57.5	0.2	0.3%	
54.3%	57.2	57.5	0.3	0.5%	
55.6%	57.2	57.4	0.3	0.5%	
56.8%	57.1	57.4	0.3	0.5%	
58.0%	57.1	57.4	0.3	0.6%	
59.3%	57.0	57.4	0.3	0.6%	
60.5%	57.0	57.3	0.3	0.6%	
61.7%	57.0	57.3	0.2	0.4%	
63.0%	57.0	57.2	0.2	0.4%	
64.2%	57.0	57.2	0.2	0.3%	
65.4%	57.0	57.2	0.2	0.4%	
66.7%	56.9	57.2	0.3	0.5%	
67.9%	56.9	57.2	0.3	0.5%	
69.1%	56.8	57.1	0.4	0.6%	
70.4%	56.8	57.1	0.3	0.5%	
71.6%	56.8	57.0	0.3	0.5%	
72.8%	56.7	57.0	0.3	0.5%	
74.1%	56.7	57.0	0.3	0.5%	
75.3%	56.7	57.0	0.3	0.5%	
76.5%	56.7	56.9	0.3	0.5%	
77.8%	56.7	56.8	0.2	0.3%	
79.0%	56.6	56.8	0.2	0.3%	
80.2%	56.6	56.8	0.2	0.3%	
81.5%	56.6	56.8	0.2	0.3%	
82.7%	56.6	56.7	0.2	0.3%	
84.0%	56.5	56.7	0.2	0.3%	
85.2%	56.5	56.6	0.2	0.3%	
86.4%	56.4	56.6	0.2	0.4%	
87.7%	56.1	56.4	0.0	0.0%	
88.9%	56.3	56.3	0.1	0.1%	
90.1%	56.3	56.3	0.1	0.1%	
91.4%	56.1	56.2	0.1	0.2%	
92.6%	56.0	56.1	0.1	0.1%	
93.8%	55.9	56.1	0.2	0.4%	
95.1%	55.8	55.9	0.1	0.2%	
96.3%	55.4	55.4	0.0	0.0%	
97.5%	55.8	55.7	-0.1	-0.2%	
98.8%	55.7	55.6	-0.1	-0.2%	
100.0%	55.6	55.6	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.6	65.7	-1.9	-2.8%	
1.2%	67.3	61.5	-5.8	-8.6%	
2.5%	66.3	61.9	-5.2	-7.9%	
3.7%	66.0	60.7	-5.3	-8.0%	
4.9%	62.6	60.7	-1.9	-3.0%	
6.2%	62.3	60.3	-2.1	-3.4%	
7.4%	61.9	60.1	-1.8	-2.9%	
8.6%	61.0	60.1	-0.9	-1.5%	
9.9%	60.7	60.1	-0.6	-1.0%	
11.1%	60.4	59.9	-0.5	-0.9%	
12.3%	60.4	59.7	-0.7	-1.1%	
13.6%	60.3	59.7	-0.6	-1.0%	
14.8%	60.0	59.6	-0.4	-0.7%	
16.0%	60.0	59.6	-0.5	-0.8%	
17.3%	59.8	59.5	-0.2	-0.4%	
18.5%	59.8	59.4	-0.2	-0.4%	
19.8%	59.6	59.3	-0.3	-0.5%	
21.0%	59.5	59.2	-0.3	-0.5%	
22.2%	59.3	59.2	-0.1	-0.2%	
23.5%	59.3	59.1	-0.2	-0.3%	
24.7%	59.2	59.1	-0.2	-0.3%	
25.9%	59.2	59.2	-0.2	-0.3%	
27.2%	59.1	59.0	-0.1	-0.2%	
28.4%	59.1	58.9	-0.1	-0.2%	
29.6%	58.8	58.8	0.0	-0.1%	
30.9%	58.8	58.8	-0.1	-0.1%	
32.1%	58.8	58.8	-0.1	-0.1%	
33.3%	58.8	58.7	-0.1	-0.2%	
34.5%	58.7	58.7	0.0	0.0%	
35.8%	58.7	58.6	0.0	0.0%	
37.0%	58.6	58.6	0.0	0.0%	
38.3%	58.6	58.6	0.0	0.0%	
39.5%	58.6	58.5	-0.1	-0.1%	
40.7%	58.6	58.5	-0.1	-0.2%	
42.0%	58.4	58.4	0.1	0.2%	
43.2%	58.3	58.4	0.1	0.2%	
44.4%	58.3	58.4	0.1	0.2%	
45.7%	58.3	58.4	0.1	0.2%	
46.9%	58.3	58.4	0.1	0.2%	
48.1%	58.3	58.4	0.1	0.2%	
49.4%	58.3	58.4	0.1	0.2%	
50.6%	58.2	58.4	0.1	0.2%	
51.9%	58.2	58.3	0.1	0.2%	
53.1%	58.2	58.3	0.1	0.2%	
54.3%	58.2	58.3	0.1	0.2%	
55.6%	58.1	58.3	0.2	0.3%	
56.8%	58.1	58.2	0.1	0.2%	
58.0%	58.1	58.1	0.1	0.2%	
59.3%	58.0	58.1	0.1	0.3%	
60.5%	58.0	58.1	0.2	0.3%	
61.7%	57.9	58.1	0.2	0.3%	
63.0%	57.9	58.1	0.2	0.3%	
64.2%	57.9	58.1	0.2	0.3%	
65.4%	57.9	58.1	0.2	0.3%	
66.7%	57.9	58.1	0.2	0.3%	
67.9%	57.9	57.9	0.0	0.1%	
69.1%	57.9	57.9	0.0	0.1%	
70.4%	57.8	57.9	0.1	0.1%	
71.6%	57.8	57.8	0.0	0.0%	
72.8%	57.7	57.8	0.1	0.2%	
74.1%	57.7	57.7	0.0	0.0%	
75.3%	57.7	57.7	0.0	0.0%	
76.5%	57.7	57.6	-0.1	-0.1%	
77.8%	57.6	57.5	0.0	-0.1%	
79.0%	57.5	57.5	0.0	0.0%	
80.2%	57.				

Table SQ-07-9a
Sacramento River below Red Bluff, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	55.4	51.0	46.1	44.5	46.2	49.7	53.4	56.5	57.1	57.9	58.8	59.0
Alternative D	54.9	50.7	46.3	44.7	46.3	49.8	53.8	56.5	57.2	58.0	58.5	58.5
Difference	-0.5	-0.2	0.3	0.2	0.0	0.1	0.4	0.0	0.1	0.1	-0.3	-0.5
Percent Difference ³	-0.9%	-0.5%	0.6%	0.5%	0.1%	0.1%	0.8%	0.1%	0.3%	0.1%	-0.5%	-0.8%
Water Year Types²												
Wet (32%)												
No Action Alternative	54.8	51.4	46.1	44.6	45.9	48.7	52.3	56.1	56.9	58.0	58.2	56.7
Alternative D	54.6	51.2	46.6	44.8	46.0	48.7	52.5	56.0	56.8	58.1	58.3	56.6
Difference	-0.2	-0.2	0.4	0.1	0.0	0.0	0.1	-0.2	-0.1	0.2	0.1	-0.1
Percent Difference	-0.4%	-0.4%	0.9%	0.3%	0.0%	0.1%	0.3%	-0.3%	-0.2%	0.3%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	54.5	50.7	46.5	44.8	46.3	49.9	53.8	57.1	56.4	56.9	58.3	58.0
Alternative D	54.2	50.6	46.9	45.0	46.3	49.9	54.1	56.9	56.7	57.0	58.5	57.8
Difference	-0.3	-0.1	0.4	0.2	0.0	0.0	0.3	-0.2	0.3	0.1	0.2	-0.2
Percent Difference	-0.6%	-0.2%	0.9%	0.5%	0.0%	0.1%	0.6%	-0.4%	0.5%	0.2%	0.3%	-0.3%
Below Normal (17%)												
No Action Alternative	54.2	50.4	46.4	44.3	45.9	49.6	53.9	56.6	56.7	57.3	57.9	59.0
Alternative D	53.8	50.2	46.5	44.5	45.9	49.7	54.5	56.7	56.8	57.3	58.0	58.6
Difference	-0.5	-0.2	0.1	0.2	0.0	0.0	0.6	0.1	0.2	0.0	0.0	-0.4
Percent Difference	-0.8%	-0.4%	0.3%	0.5%	0.1%	0.1%	1.1%	0.2%	0.3%	0.1%	0.1%	-0.7%
Dry (22%)												
No Action Alternative	55.7	51.1	46.0	44.3	46.4	50.4	54.1	56.2	57.1	57.5	58.6	60.0
Alternative D	55.0	50.7	46.0	44.7	46.4	50.4	54.7	56.4	57.6	57.7	58.3	59.4
Difference	-0.8	-0.4	0.0	0.4	0.0	0.1	0.6	0.2	0.5	0.3	-0.4	-0.7
Percent Difference	-1.4%	-0.8%	0.1%	0.8%	0.0%	0.1%	1.1%	0.3%	0.9%	0.4%	-0.6%	-1.1%
Critical (15%)												
No Action Alternative	58.6	50.7	45.2	44.3	47.1	50.8	53.7	56.9	58.4	60.5	62.0	63.1
Alternative D	57.7	50.4	45.4	44.6	47.2	50.9	54.4	57.4	58.4	60.0	60.0	61.8
Difference	-0.9	-0.3	0.2	0.3	0.1	0.1	0.7	0.5	0.0	-0.5	-2.0	-1.3
Percent Difference	-1.6%	-0.6%	0.4%	0.6%	0.2%	0.2%	1.4%	0.9%	0.0%	-0.8%	-3.2%	-2.1%

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

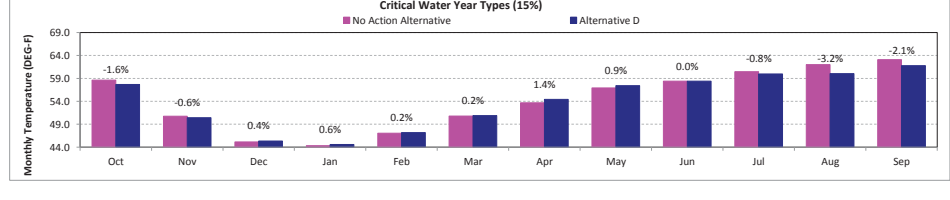
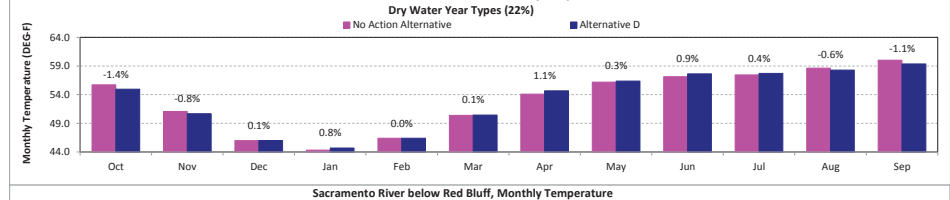
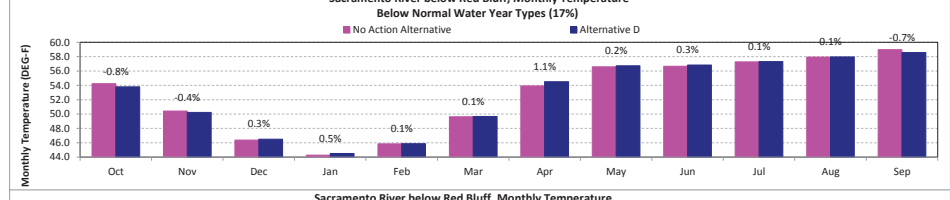
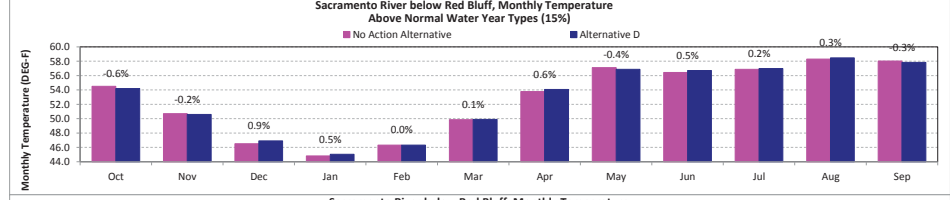
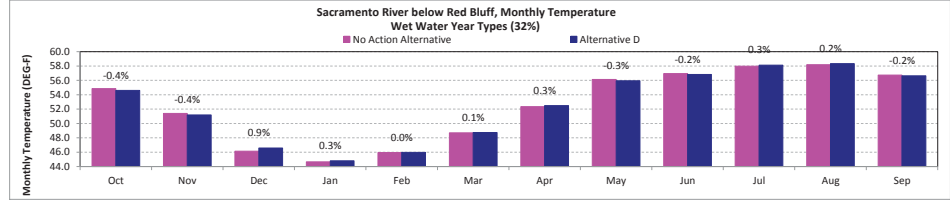
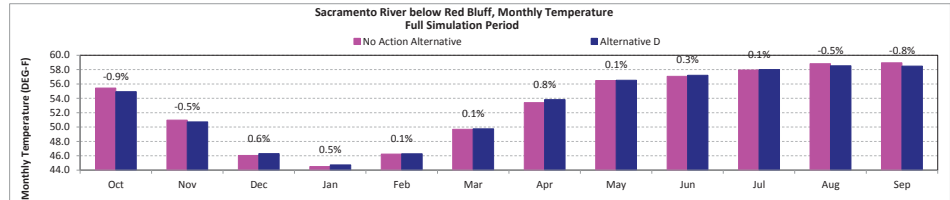


Figure SQ-07-9b
 Sacramento River below Red Bluff, Monthly Temperature
 Probability of Exceedance

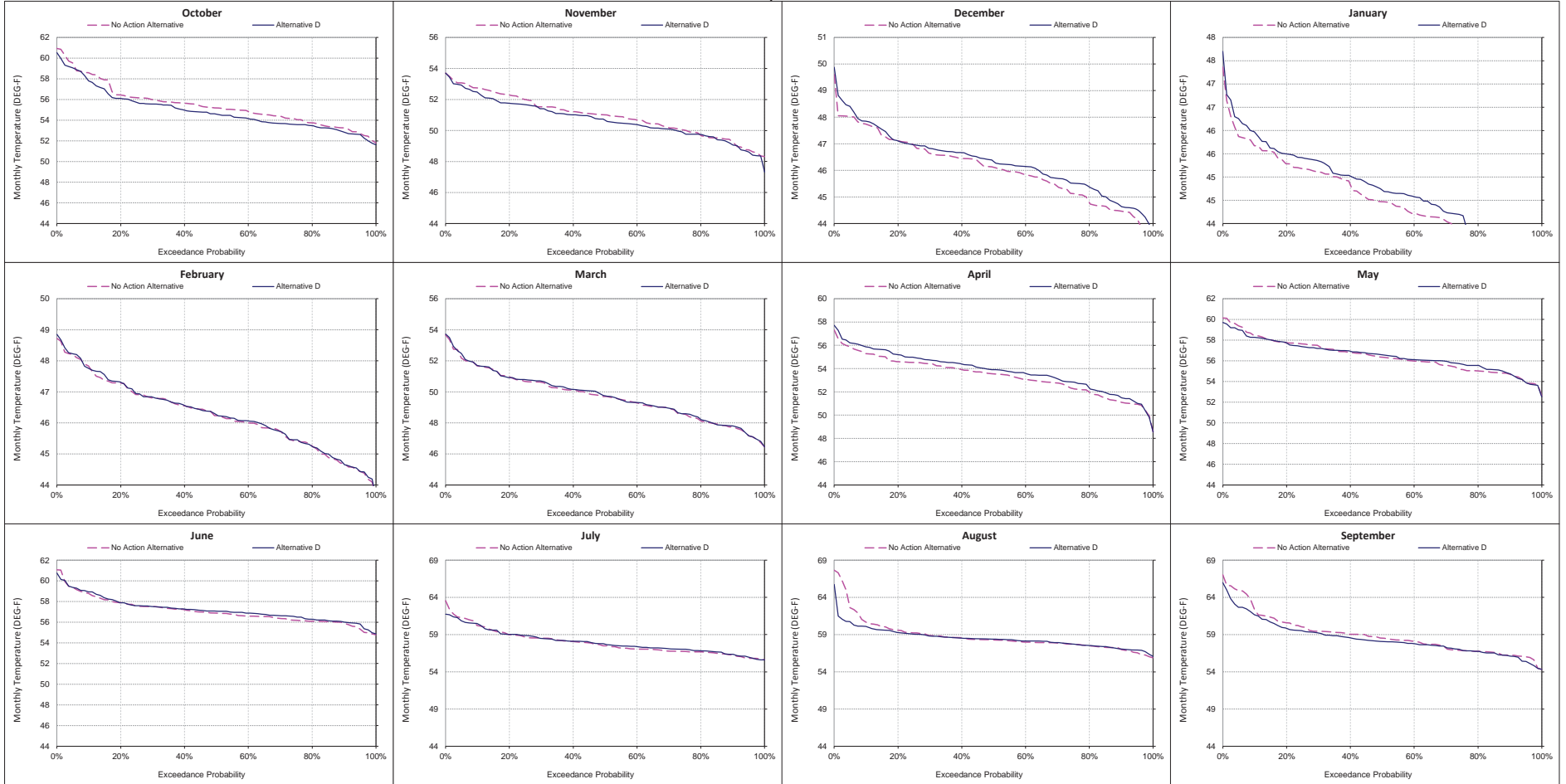


Table SQ-07-9b
Sacramento River below Red Bluff, Monthly Temperature
Probability of Exceedance

October				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.9	60.5	-0.4	-0.6%
1.2%	60.9	60.0	-0.9	-1.5%
2.5%	60.3	59.3	-1.0	-1.6%
3.7%	59.7	59.2	-0.5	-0.9%
4.9%	59.5	59.1	-0.5	-0.8%
6.2%	58.8	58.9	0.1	0.2%
7.4%	58.7	58.7	0.0	0.0%
8.6%	58.6	58.3	-0.3	-0.5%
9.9%	58.6	57.8	-0.8	-1.4%
11.1%	58.0	57.7	-0.8	-1.3%
12.3%	58.4	57.3	-1.1	-1.8%
13.6%	58.0	57.2	-0.9	-1.5%
14.8%	57.9	57.0	-0.9	-1.5%
16.0%	57.9	56.5	-1.4	-2.3%
17.3%	56.7	56.2	-0.6	-1.0%
18.5%	56.5	56.1	-0.4	-0.6%
19.8%	56.4	56.1	-0.3	-0.6%
21.0%	56.4	56.1	-0.3	-0.6%
22.2%	56.3	56.0	-0.2	-0.4%
23.5%	56.2	55.9	-0.3	-0.6%
24.7%	56.2	55.8	-0.4	-0.8%
25.9%	56.2	55.5	-0.7	-1.2%
27.2%	56.1	55.6	-0.5	-0.9%
28.4%	56.1	55.6	-0.5	-0.9%
29.6%	56.0	55.6	-0.4	-0.8%
30.9%	55.9	55.5	-0.4	-0.7%
32.1%	55.9	55.5	-0.3	-0.6%
33.3%	55.8	55.5	-0.3	-0.6%
34.5%	55.8	55.5	-0.3	-0.5%
35.8%	55.8	55.4	-0.3	-0.6%
37.0%	55.7	55.2	-0.5	-0.9%
38.3%	55.7	55.1	-0.6	-1.1%
39.5%	55.6	55.0	-0.6	-1.1%
40.7%	55.6	54.9	-0.7	-1.3%
42.0%	55.6	54.9	-0.7	-1.3%
43.2%	55.6	54.8	-0.7	-1.3%
44.4%	55.4	54.8	-0.6	-1.1%
45.7%	55.3	54.8	-0.5	-1.0%
46.9%	55.3	54.8	-0.5	-0.9%
48.1%	55.2	54.6	-0.6	-1.1%
49.4%	55.2	54.6	-0.6	-1.1%
50.6%	55.2	54.6	-0.6	-1.1%
51.9%	55.1	54.5	-0.7	-1.2%
53.1%	55.1	54.5	-0.6	-1.1%
54.3%	55.0	54.5	-0.6	-1.1%
55.6%	55.0	54.3	-0.7	-1.3%
56.8%	55.0	54.3	-0.7	-1.3%
58.0%	55.0	54.2	-0.7	-1.3%
59.3%	54.9	54.2	-0.7	-1.4%
60.5%	54.8	54.1	-0.7	-1.2%
61.7%	54.7	54.1	-0.6	-1.1%
63.0%	54.6	54.0	-0.6	-1.2%
64.2%	54.6	53.9	-0.7	-1.3%
65.4%	54.5	53.8	-0.7	-1.3%
66.7%	54.5	53.8	-0.7	-1.4%
67.9%	54.4	53.7	-0.7	-1.3%
69.1%	54.4	53.7	-0.7	-1.3%
70.4%	54.4	53.7	-0.7	-1.2%
71.6%	54.2	53.7	-0.5	-1.0%
72.8%	54.2	53.6	-0.6	-1.0%
74.1%	54.2	53.6	-0.6	-1.1%
75.3%	54.0	53.6	-0.5	-0.9%
76.5%	54.0	53.6	-0.5	-0.9%
77.8%	53.8	53.6	-0.2	-0.5%
79.0%	53.7	53.5	-0.2	-0.5%
80.2%	53.7	53.5	-0.3	-0.5%
81.5%	53.7	53.3	-0.3	-0.6%
82.7%	53.5	53.3	-0.3	-0.5%
84.0%	53.4	53.3	-0.2	-0.4%
85.2%	53.4	53.2	-0.1	-0.3%
86.4%	53.4	53.2	-0.2	-0.4%
87.7%	53.3	53.1	-0.2	-0.3%
88.9%	53.3	52.9	-0.3	-0.6%
90.1%	53.3	52.8	-0.4	-0.8%
91.4%	53.1	52.7	-0.4	-0.8%
92.6%	52.9	52.7	-0.2	-0.4%
93.8%	52.9	52.6	-0.2	-0.4%
95.1%	52.7	52.6	-0.1	-0.4%
96.3%	52.5	52.3	-0.2	-0.5%
97.5%	52.4	52.0	-0.5	-0.9%
98.8%	52.0	51.8	-0.3	-0.5%
100.0%	51.8	51.6	0.0	-0.4%

November				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	53.7	53.7	0.0	0.0%
1.2%	53.5	53.4	0.0	-0.1%
2.5%	53.2	53.0	-0.2	-0.4%
3.7%	53.1	53.0	-0.1	-0.2%
4.9%	53.1	52.9	-0.1	-0.3%
6.2%	53.0	52.7	-0.3	-0.6%
7.4%	52.9	52.7	-0.2	-0.5%
8.6%	52.8	52.5	-0.2	-0.5%
9.9%	52.7	52.5	-0.3	-0.5%
11.1%	52.7	52.3	-0.4	-0.8%
12.3%	52.6	52.1	-0.5	-1.0%
13.6%	52.6	52.1	-0.5	-0.9%
14.8%	52.5	52.0	-0.5	-0.9%
16.0%	52.4	51.9	-0.5	-1.0%
17.3%	52.4	51.8	-0.6	-1.1%
18.5%	52.3	51.8	-0.6	-1.1%
19.8%	52.3	51.8	-0.5	-1.0%
21.0%	52.2	51.7	-0.5	-1.0%
22.2%	52.2	51.7	-0.5	-1.0%
23.5%	52.1	51.7	-0.4	-0.7%
24.7%	52.0	51.7	-0.3	-0.6%
25.9%	52.0	51.6	-0.3	-0.6%
27.2%	51.9	51.6	-0.3	-0.6%
28.4%	51.5	51.6	0.0	0.1%
29.6%	51.5	51.4	-0.1	-0.2%
30.9%	51.5	51.4	-0.1	-0.2%
32.1%	51.5	51.3	-0.3	-0.5%
33.3%	51.5	51.2	-0.3	-0.6%
34.5%	51.5	51.1	-0.4	-0.7%
35.8%	51.3	51.1	-0.3	-0.5%
37.0%	51.3	51.1	-0.3	-0.5%
38.3%	51.2	51.0	-0.2	-0.4%
39.5%	51.2	51.0	-0.2	-0.4%
40.7%	51.2	51.0	-0.2	-0.4%
42.0%	51.2	51.0	-0.2	-0.4%
43.2%	51.1	51.0	-0.2	-0.3%
44.4%	51.1	51.0	-0.2	-0.3%
45.7%	51.1	50.9	-0.2	-0.4%
46.9%	51.1	50.8	-0.3	-0.6%
48.1%	51.0	50.7	-0.3	-0.6%
49.4%	51.0	50.7	-0.3	-0.6%
50.6%	51.0	50.6	-0.4	-0.8%
51.9%	50.9	50.5	-0.4	-0.7%
53.1%	50.9	50.5	-0.4	-0.8%
54.3%	50.9	50.5	-0.4	-0.8%
55.6%	50.9	50.5	-0.4	-0.8%
56.8%	50.8	50.4	-0.3	-0.6%
58.0%	50.7	50.4	-0.3	-0.6%
59.3%	50.7	50.4	-0.3	-0.6%
60.5%	50.7	50.4	-0.3	-0.6%
61.7%	50.6	50.3	-0.4	-0.7%
63.0%	50.5	50.3	-0.2	-0.5%
64.2%	50.4	50.2	-0.3	-0.5%
65.4%	50.4	50.2	-0.3	-0.5%
66.7%	50.4	50.2	-0.3	-0.5%
67.9%	50.3	50.1	-0.2	-0.4%
69.1%	50.2	50.1	-0.1	-0.3%
70.4%	50.2	50.1	-0.1	-0.2%
71.6%	50.2	50.0	-0.1	-0.3%
72.8%	50.1	50.0	-0.1	-0.3%
74.1%	50.1	49.9	-0.1	-0.3%
75.3%	50.0	49.8	-0.2	-0.5%
76.5%	49.9	49.8	-0.1	-0.3%
77.8%	49.9	49.8	-0.1	-0.3%
79.0%	49.9	49.8	-0.1	-0.2%
80.2%	49.7	49.7	0.0	0.0%
81.5%	49.6	49.7	0.0	0.1%
82.7%	49.5	49.6	0.1	0.1%
84.0%	49.5	49.6	0.1	0.1%
85.2%	49.5	49.4	-0.1	-0.2%
86.4%	49.5	49.4	-0.1	-0.2%
87.7%	49.4	49.4	0.0	0.0%
88.9%	49.4	49.2	-0.2	-0.4%
90.1%	49.2	49.1	-0.2	-0.4%
91.4%	49.0	49.0	0.0	0.1%
92.6%	48.9	48.7	-0.2	-0.4%
93.8%	48.8	48.7	-0.1	-0.1%
95.1%	48.6	48.6	0.0	0.0%
96.3%	48.2	48.3	0.1	0.2%
97.5%	48.6	48.4	-0.2	-0.4%
98.8%	48.4	48.4	0.0	0.0%
100.0%	48.3	47.3	-1.0	-2.1%

December				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	49.6	49.9	0.3	0.6%
1.2%	48.1	48.8	0.8	1.6%
2.5%	48.1	48.6	0.6	1.2%
3.7%	48.0	48.5	0.4	0.9%
4.9%	48.0	48.4	0.4	0.8%
6.2%	48.0	48.2	0.2	0.4%
7.4%	47.8	48.0	0.1	0.3%
8.6%	47.8	47.9	0.1	0.2%
9.9%	47.7	47.9	0.1	0.2%
11.1%	47.7	47.8	0.1	0.3%
12.3%	47.6	47.7	0.1	0.2%
13.6%	47.6	47.7	0.0	0.1%
14.8%	47.3	47.6	0.2	0.5%
16.0%	47.3	47.5	0.2	0.4%
17.3%	47.2	47.3	0.1	0.3%
18.5%	47.2	47.2	0.0	0.0%
19.8%	47.1	47.1	0.0	0.0%
21.0%	47.1	47.1	0.0	0.0%
22.2%	47.1	47.0	0.0	-0.1%
23.5%	47.1	47.0	-0.1	-0.1%
24.7%	47.0	47.0	0.0	0.0%
25.9%	46.9	47.0	0.1	0.2%
27.2%	46.8	46.9	0.1	0.2%
28.4%	46.8	46.9	0.1	0.2%
29.6%	46.7	46.8	0.2	0.4%
30.9%	46.6	46.8	0.2	0.4%
32.1%	46.6	46.8	0.2	0.4%
33.3%	46.6	46.7	0.2	0.4%
34.5%	46.6	46.7	0.2	0.3%
35.8%	46.6	46.7	0.2	0.3%
37.0%	46.5	46.7	0.2	0.4%
38.3%	46.5	46.7	0.2	0.4%
39.5%	46.4	46.7	0.2	0.5%
40.7%	46.4	46.7	0.2	0.5%
42.0%	46.4	46.6	0.2	0.3%
43.2%	46.4	46.5	0.1	0.2%
44.4%	46.4	46.5	0.1	0.2%
45.7%	46.3	46.5	0.2	0.4%
46.9%	46.2	46.4	0.3	0.6%
48.1%	46.1	46.4	0.3	0.6%
49.4%	46.1	46.4	0.3	0.6%
50.6%	46.1	46.3	0.2	0.4%
51.9%	46.0	46.2	0.2	0.4%
53.1%	46.0	46.2	0.2	0.4%
54.3%	46.0	46.2	0.3	0.6%
55.6%	46.0	46.2	0.3	0.6%
56.8%	45.9	46.2	0.2	0.5%
58.0%	45.9	46.2	0.2	0.5%
59.3%	45.9	46.2	0.3	0.6%
60.5%	45.8	46.1	0.3	0.7%
61.7%	45.8	46.1	0.3	0.7%
63.0%	45.8	46.1	0.3	0.7%
64.2%	45.7	46.0	0.2	0.5%
65.4%	45.6	45.9	0.2	0.5%
66.7%	45.6	45.8	0.2	0.5%
67.9%	45.5	45.7	0.2	0.5%
69.1%	45.5	45.7	0.2	0.5%
70.4%	45.4	45.7	0.3	0.7%
71.6%	45.3	45.7	0.4	0.8%
72.8%	45.3	45.6	0.3	0.7%
74.1%	45.1	45.5	0.4	0.9%
75.3%	45.1	45.5	0.4	0.9%
76.5%	45.1	45.5	0.4	0.9%
77.8%	45.1	45.5	0.4	0.9%
79.0%	45.0	45.4	0.4	1.0%
80.2%	44.7	45.3	0.6	1.4%
81.5%	44.7	45.3	0.6	1.3%
82.7%	44.7	45.2	0.6	1.3%
84.0%	44.7	45.0	0.4	0.8%
85.2%	44.6	45.0	0.4	0.8%
86.4%	44.5	44.9	0.4	0.8%
87.7%	44.5	44.8	0.3	0.7%
88.9%	44.5	44.7	0.3	0.6%
90.1%	44.5	44.6	0.2	0.4%
91.4%	44.4	44.6	0.2	0.4%
92.6%	44.4	44.6	0.2	0.4%
93.8%	44.3	44.6	0.3	0.7%
95.1%	44.2	44.6	0.4	0.8%
96.3%	43.9	44.4	0.5	1.2%
97.5%	43.6	44.2	0.6	1.4%
98.8%	43.6	44.0	0.4	0.9%
100.0%	42.1	42.5	0.3	0.8%

January				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)

Table SQ-08-9a
Sacramento River below Hamilton City, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	56.4	50.9	45.5	44.4	46.8	50.8	55.2	59.5	60.6	61.7	62.4	61.4
Alternative D	56.1	50.7	45.7	44.6	46.8	50.9	55.6	59.6	60.8	61.8	62.2	61.1
Difference	-0.3	-0.2	0.2	0.2	0.0	0.1	0.4	0.1	0.2	0.1	-0.2	-0.3
Percent Difference	-0.6%	-0.4%	0.3%	0.4%	0.1%	0.2%	0.7%	0.2%	0.3%	0.2%	-0.3%	-0.5%
Water Year Types²												
Wet (32%)												
No Action Alternative	55.8	51.2	45.6	44.7	46.4	49.6	53.8	59.0	60.6	62.0	61.9	59.0
Alternative D	55.6	51.1	45.9	44.8	46.4	49.7	53.9	58.9	60.4	62.2	62.1	59.0
Difference	-0.2	-0.2	0.3	0.1	0.0	0.1	0.2	-0.1	-0.1	0.2	0.2	0.0
Percent Difference	-0.3%	-0.3%	0.6%	0.2%	0.1%	0.1%	0.3%	-0.1%	-0.2%	0.3%	0.3%	0.0%
Above Normal (15%)												
No Action Alternative	55.7	50.5	45.9	44.8	46.8	50.8	55.4	60.2	60.3	60.8	62.0	60.7
Alternative D	55.5	50.5	46.2	44.9	46.8	50.9	55.8	60.1	60.6	60.9	62.3	60.7
Difference	-0.2	-0.1	0.3	0.1	0.0	0.1	0.3	-0.2	0.3	0.1	0.2	0.0
Percent Difference	-0.4%	-0.2%	0.6%	0.3%	0.1%	0.2%	0.6%	-0.3%	0.5%	0.1%	0.4%	-0.1%
Below Normal (17%)												
No Action Alternative	55.5	50.5	45.8	44.2	46.3	50.8	55.9	59.7	60.2	61.2	61.7	61.9
Alternative D	55.2	50.3	45.8	44.3	46.3	50.9	56.5	60.0	60.5	61.2	61.8	61.6
Difference	-0.3	-0.1	0.1	0.1	0.0	0.1	0.6	0.3	0.2	0.0	0.1	-0.3
Percent Difference	-0.6%	-0.3%	0.1%	0.3%	0.1%	0.2%	1.0%	0.5%	0.4%	0.1%	0.2%	-0.5%
Dry (22%)												
No Action Alternative	56.7	51.0	45.5	44.1	46.9	51.6	56.2	59.3	60.7	61.2	62.1	62.7
Alternative D	56.3	50.7	45.5	44.4	46.9	51.7	56.7	59.5	61.3	61.5	62.0	62.3
Difference	-0.4	-0.3	0.0	0.3	0.0	0.1	0.5	0.2	0.6	0.3	-0.2	-0.4
Percent Difference	-0.7%	-0.6%	0.0%	0.6%	0.0%	0.2%	0.8%	0.4%	1.0%	0.6%	-0.2%	-0.6%
Critical (15%)												
No Action Alternative	59.0	50.6	44.8	44.3	47.8	52.2	55.8	59.8	61.4	63.7	65.1	64.8
Alternative D	58.5	50.3	44.9	44.5	47.9	52.3	56.6	60.5	61.5	63.4	63.4	63.9
Difference	-0.6	-0.3	0.1	0.2	0.1	0.1	0.8	0.7	0.1	-0.3	-1.6	-0.9
Percent Difference	-1.0%	-0.5%	0.2%	0.4%	0.2%	0.2%	1.4%	1.1%	0.2%	-0.4%	-2.5%	-1.4%

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

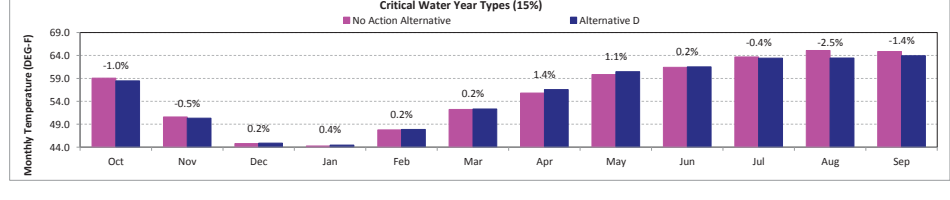
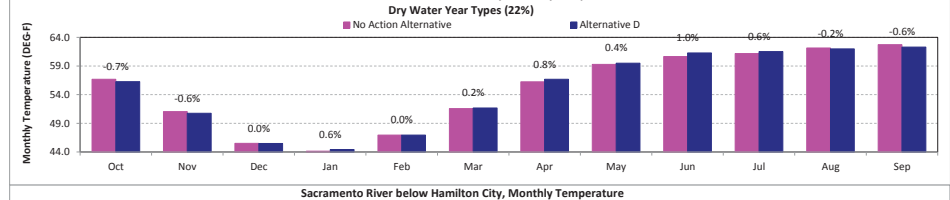
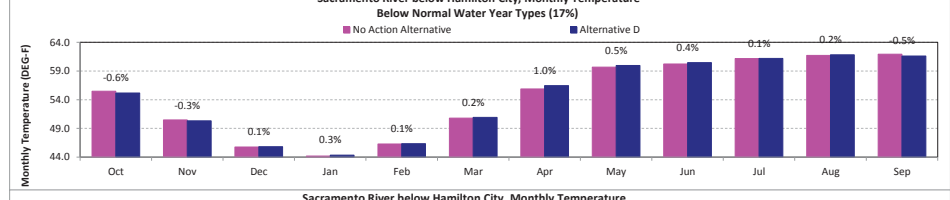
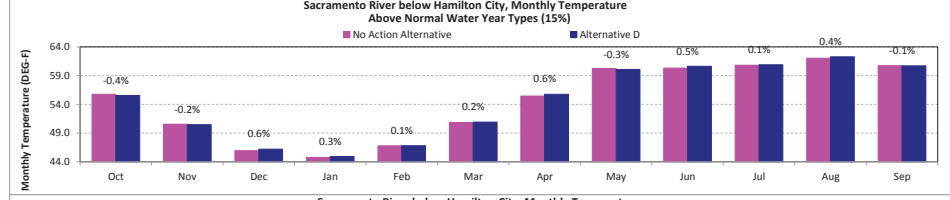
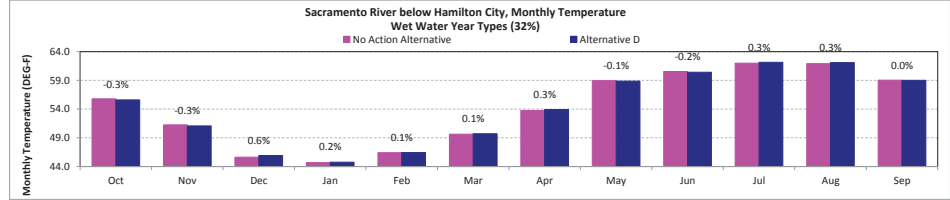
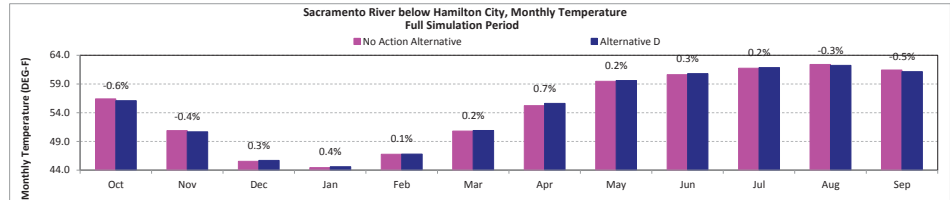


Figure SQ-08-9b
 Sacramento River below Hamilton City, Monthly Temperature
 Probability of Exceedance

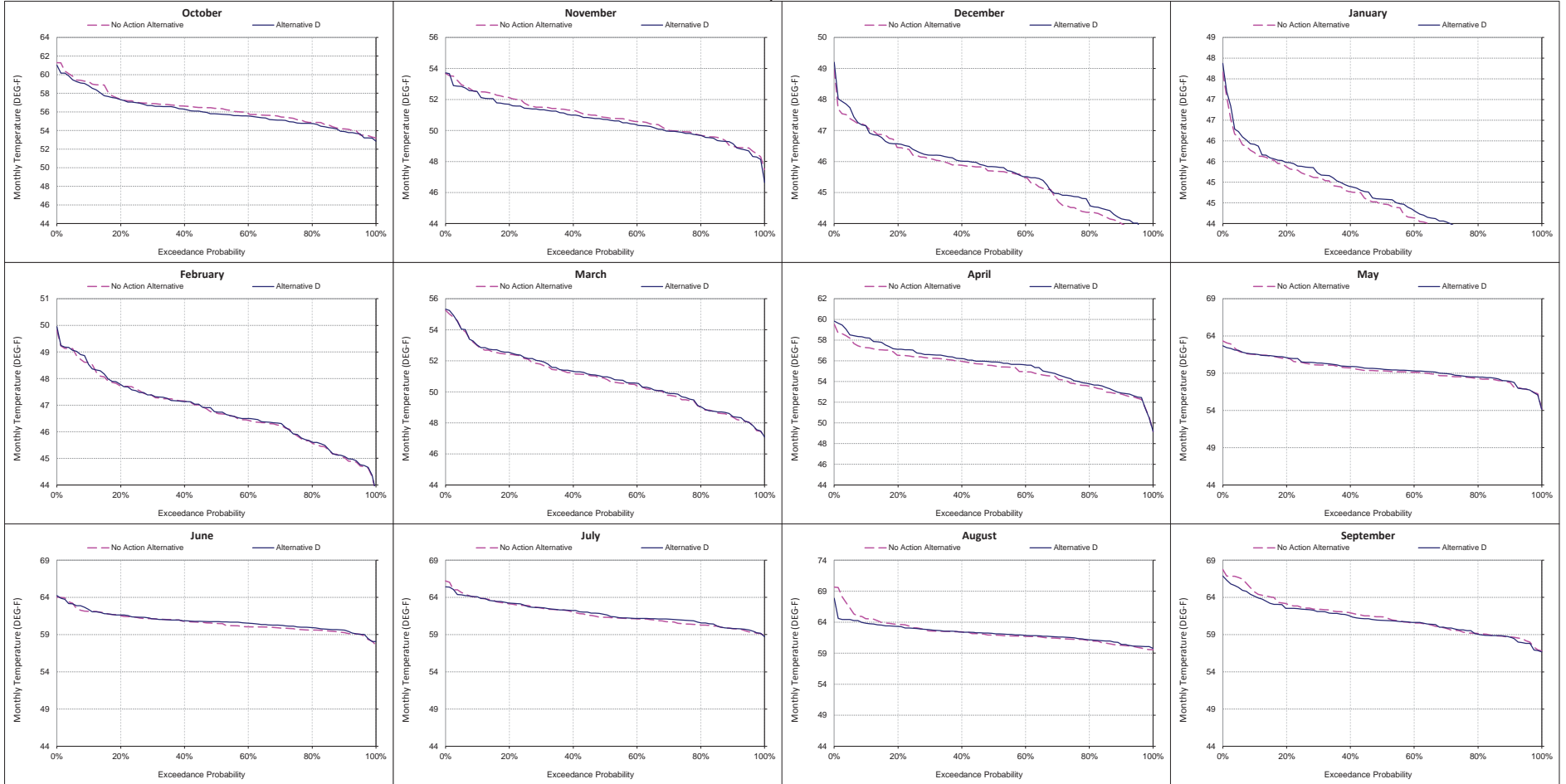


Table SQ-09-9a
Sacramento River at Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.7	63.4
Alternative D	57.1	50.8	45.4	44.5	47.0	51.5	57.2	62.1	64.0	65.4	65.6	63.2
Difference	-0.2	-0.2	0.1	0.1	0.0	0.1	0.5	0.2	0.0	0.0	-0.1	-0.2
Percent Difference ²	-0.4%	-0.3%	0.2%	0.2%	0.0%	0.2%	0.8%	0.3%	0.1%	-0.1%	-0.1%	-0.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	60.9
Alternative D	56.5	51.1	45.6	44.7	46.6	50.2	54.9	61.0	63.6	65.8	65.6	60.9
Difference	-0.2	-0.2	0.2	0.0	0.0	0.1	0.2	0.0	-0.2	0.0	0.3	0.0
Percent Difference	-0.3%	-0.3%	0.4%	0.1%	0.0%	0.2%	0.3%	0.0%	-0.4%	0.0%	0.4%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.8
Alternative D	56.7	50.5	45.8	44.8	46.9	51.4	57.1	62.7	64.1	64.5	65.7	62.9
Difference	-0.1	-0.1	0.1	0.0	0.0	0.1	0.4	0.0	0.1	-0.2	0.2	0.0
Percent Difference	-0.2%	-0.1%	0.3%	0.1%	0.0%	0.2%	0.7%	0.0%	0.1%	-0.2%	0.4%	0.0%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.0	65.2	64.1
Alternative D	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.8	64.8	65.3	63.8
Difference	-0.3	-0.1	0.0	0.0	0.0	0.2	0.7	0.4	0.1	-0.2	0.1	-0.3
Percent Difference	-0.5%	-0.2%	0.0%	0.0%	0.0%	0.3%	1.1%	0.6%	0.1%	-0.3%	0.1%	-0.5%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.2	58.1	62.0	64.2	64.9	65.4	64.7
Alternative D	57.4	50.9	45.3	44.3	47.2	52.3	58.7	62.2	64.6	65.1	65.3	64.5
Difference	-0.2	-0.3	0.0	0.2	-0.1	0.1	0.6	0.2	0.4	0.2	-0.1	-0.3
Percent Difference	-0.3%	-0.5%	0.1%	0.4%	-0.2%	0.2%	1.0%	0.2%	0.6%	0.3%	-0.1%	-0.4%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.3	64.3	66.8	67.8	66.2
Alternative D	59.2	50.5	44.7	44.4	48.3	53.2	58.5	63.0	64.4	66.6	66.4	65.6
Difference	-0.3	-0.2	0.0	0.1	0.0	0.1	0.7	0.7	0.1	-0.2	-1.4	-0.7
Percent Difference	-0.6%	-0.4%	0.1%	0.3%	0.1%	0.2%	1.3%	1.1%	0.1%	-0.2%	-2.1%	-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

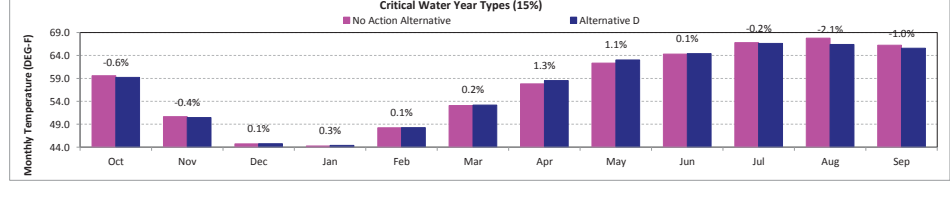
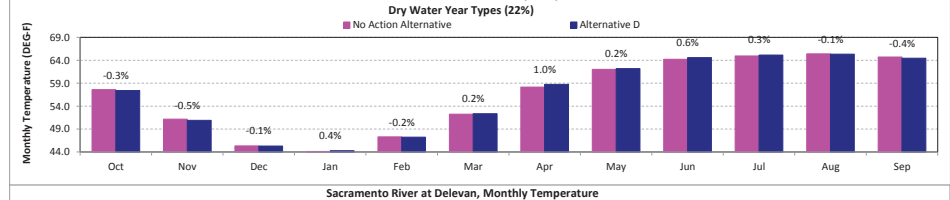
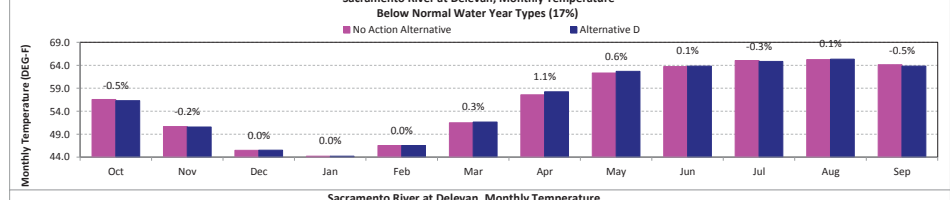
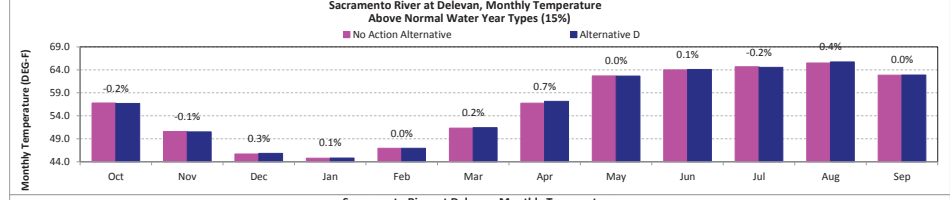
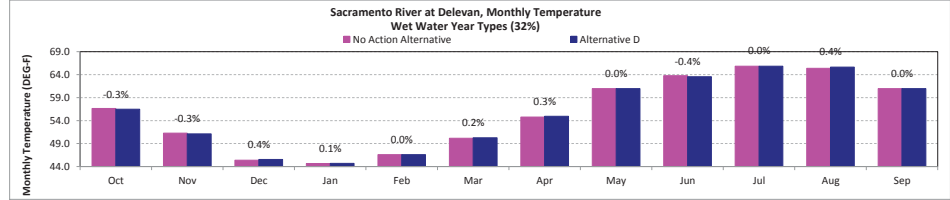
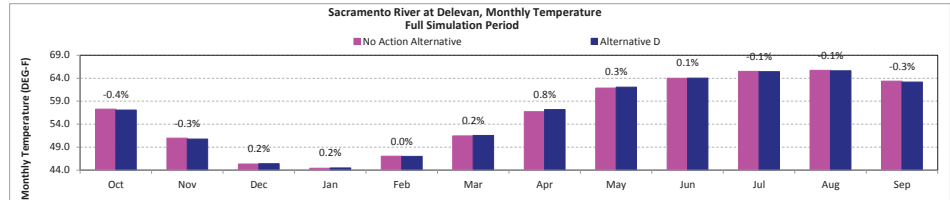


Figure SQ-09-9b
 Sacramento River at Delevan, Monthly Temperature
 Probability of Exceedance

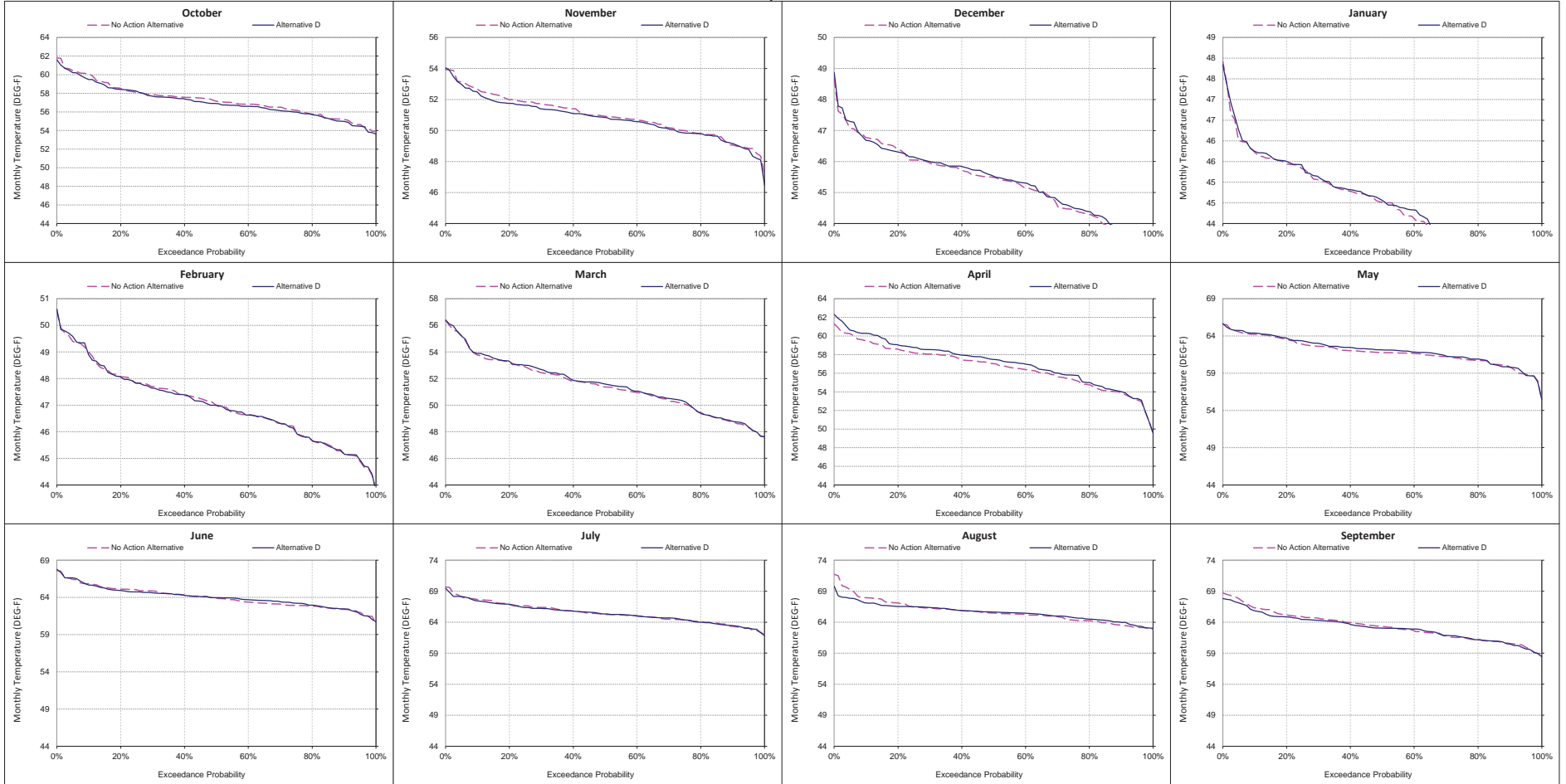


Table SQ-10-9a
Sacramento River below Delevan, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	57.3	51.0	45.3	44.4	47.0	51.4	56.7	61.9	64.0	65.5	65.8	63.4
Alternative D	57.1	50.8	45.4	44.5	47.0	51.5	57.2	62.1	64.0	65.5	65.7	63.2
Difference	-0.2	-0.2	0.1	0.1	0.0	0.1	0.5	0.2	0.0	-0.1	-0.1	-0.2
Percent Difference ²	-0.3%	-0.3%	0.2%	0.2%	0.0%	0.2%	0.8%	0.3%	0.1%	-0.1%	-0.1%	-0.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	56.6	51.3	45.4	44.7	46.6	50.2	54.8	61.0	63.8	65.9	65.4	61.0
Alternative D	56.5	51.1	45.6	44.7	46.6	50.2	54.9	61.0	63.6	65.8	65.7	61.0
Difference	-0.1	-0.1	0.2	0.0	0.0	0.1	0.2	0.0	-0.2	0.0	0.3	0.0
Percent Difference	-0.3%	-0.3%	0.4%	0.1%	0.0%	0.2%	0.3%	0.0%	-0.4%	-0.1%	0.4%	0.0%
Above Normal (15%)												
No Action Alternative	56.8	50.6	45.7	44.8	46.9	51.3	56.8	62.7	64.0	64.7	65.5	62.9
Alternative D	56.7	50.5	45.8	44.8	46.9	51.4	57.2	62.7	64.1	64.6	65.8	62.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.4	0.0	0.1	-0.2	0.2	0.0
Percent Difference	-0.1%	-0.1%	0.3%	0.1%	0.0%	0.2%	0.7%	0.0%	0.1%	-0.2%	0.4%	0.1%
Below Normal (17%)												
No Action Alternative	56.6	50.7	45.5	44.2	46.5	51.5	57.6	62.3	63.7	65.1	65.3	64.1
Alternative D	56.3	50.6	45.5	44.2	46.5	51.6	58.2	62.7	63.8	64.9	65.4	63.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.2	0.7	0.4	0.1	-0.2	0.1	-0.3
Percent Difference	-0.4%	-0.2%	0.0%	0.0%	0.0%	0.3%	1.1%	0.6%	0.1%	-0.3%	0.1%	-0.4%
Dry (22%)												
No Action Alternative	57.6	51.2	45.3	44.1	47.3	52.3	58.2	62.0	64.3	65.0	65.4	64.7
Alternative D	57.4	50.9	45.3	44.3	47.2	52.4	58.8	62.2	64.6	65.1	65.3	64.5
Difference	-0.2	-0.2	0.0	0.2	-0.1	0.1	0.6	0.2	0.3	0.2	-0.1	-0.3
Percent Difference	-0.3%	-0.5%	-0.1%	0.4%	-0.1%	0.2%	1.0%	0.2%	0.5%	0.3%	-0.1%	-0.4%
Critical (15%)												
No Action Alternative	59.6	50.7	44.7	44.3	48.2	53.1	57.8	62.4	64.3	66.8	67.8	66.3
Alternative D	59.2	50.5	44.7	44.4	48.3	53.2	58.5	63.0	64.4	66.6	66.4	65.6
Difference	-0.3	-0.2	0.0	0.1	0.0	0.1	0.7	0.6	0.1	-0.2	-1.4	-0.7
Percent Difference	-0.5%	-0.4%	0.1%	0.3%	0.1%	0.2%	1.2%	1.0%	0.1%	-0.2%	-2.1%	-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

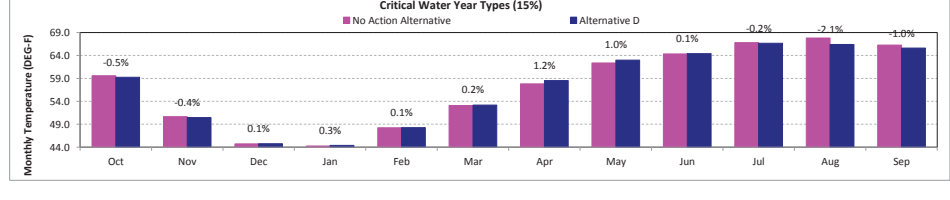
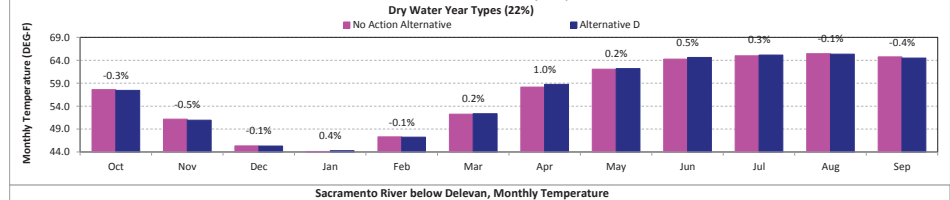
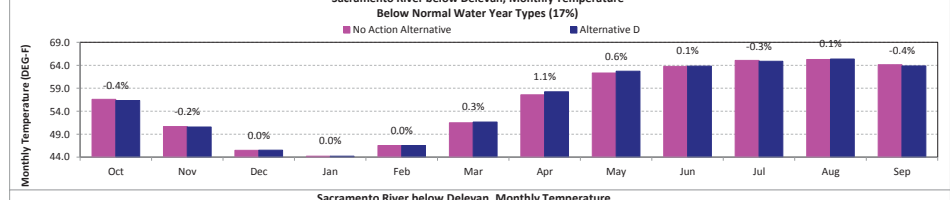
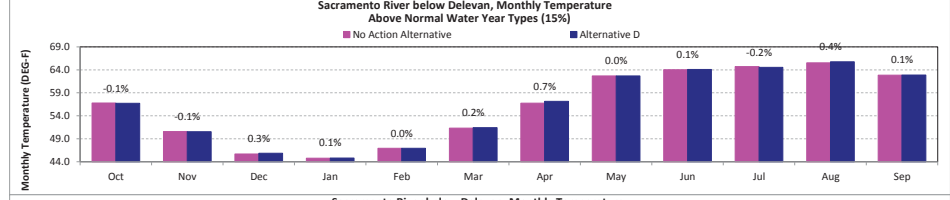
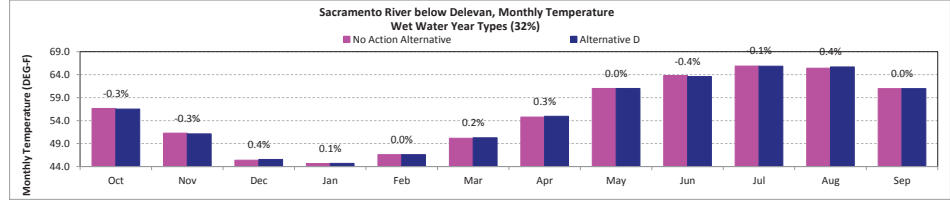
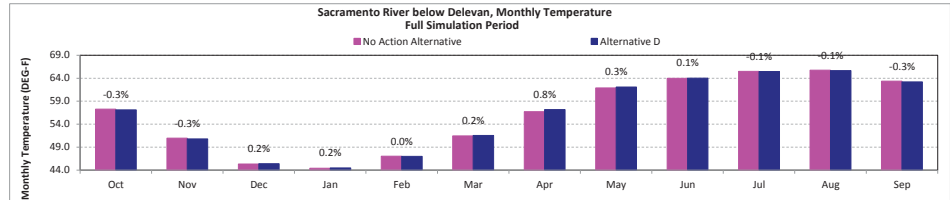


Figure SQ-10-9b
 Sacramento River below Delevan, Monthly Temperature
 Probability of Exceedance

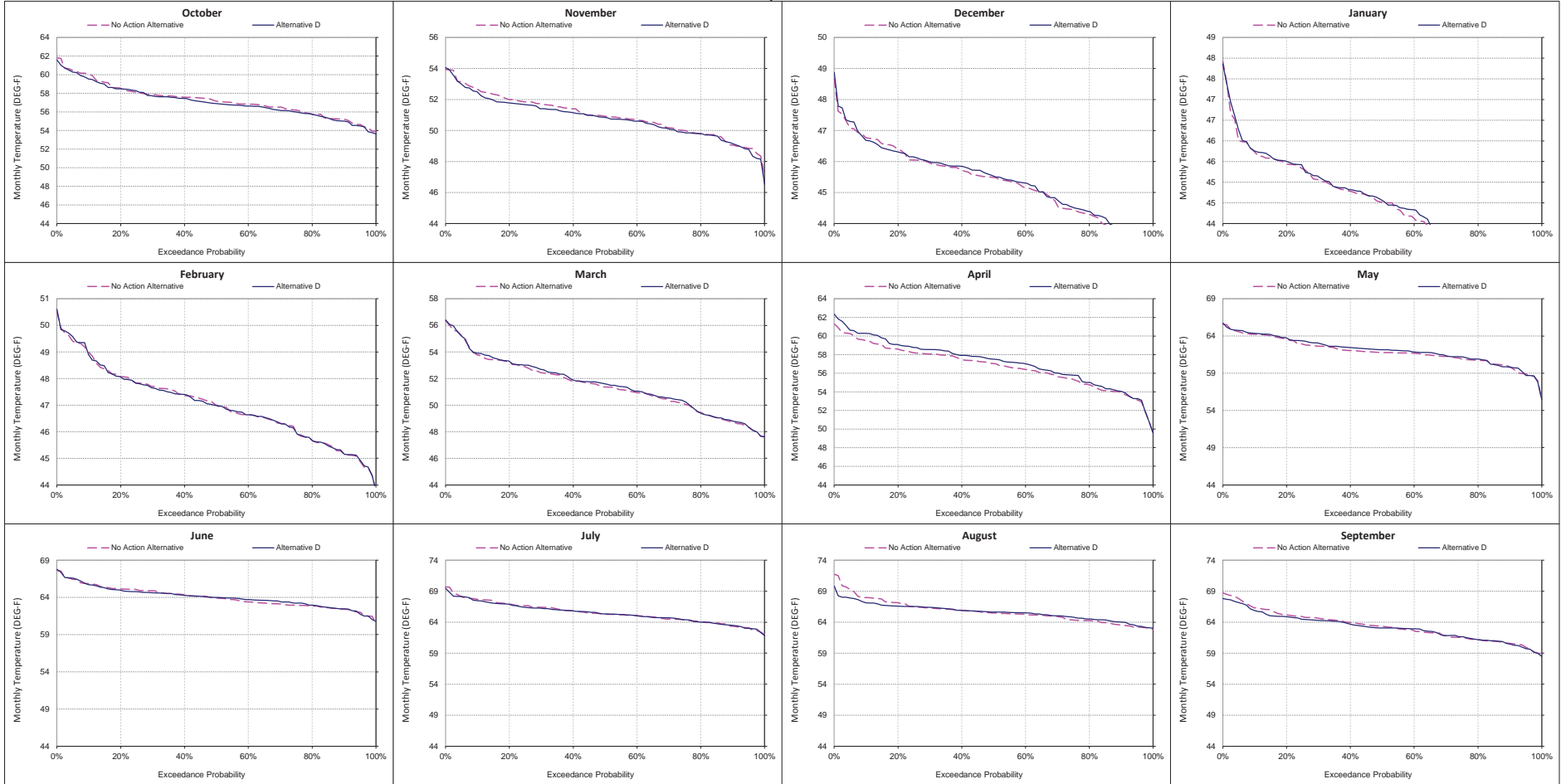


Table SQ-10-9b
Sacramento River below Delevan, Monthly Temperature
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.6	67.8	0.1	0.2%	
1.2%	67.6	67.4	-0.2	-0.3%	
2.5%	66.7	66.7	0.0	0.0%	
3.7%	66.6	66.0	0.0	0.0%	
4.9%	66.4	66.6	0.2	0.2%	
6.2%	66.4	66.5	0.1	0.1%	
7.4%	66.0	66.2	0.2	0.4%	
8.6%	65.9	65.9	0.0	0.0%	
9.9%	65.9	65.7	-0.2	-0.2%	
11.1%	65.8	65.7	-0.1	-0.2%	
12.3%	65.7	65.6	-0.2	-0.3%	
13.6%	65.5	65.4	-0.1	-0.1%	
14.8%	65.4	65.3	-0.1	-0.1%	
16.0%	65.3	65.1	-0.2	-0.3%	
17.3%	65.2	65.1	-0.1	-0.2%	
18.5%	65.2	65.0	-0.2	-0.2%	
19.8%	65.1	65.0	-0.1	-0.2%	
21.0%	65.1	64.8	-0.3	-0.4%	
22.2%	65.1	64.8	-0.3	-0.5%	
23.5%	65.1	64.8	-0.3	-0.4%	
24.7%	65.1	64.8	-0.3	-0.5%	
25.9%	64.9	64.9	0.0	0.0%	
27.2%	64.9	64.7	-0.2	-0.4%	
28.4%	64.9	64.7	-0.2	-0.4%	
29.6%	64.9	64.6	-0.2	-0.4%	
30.9%	64.9	64.6	-0.3	-0.4%	
32.1%	64.6	64.6	0.0	0.0%	
33.3%	64.6	64.5	0.0	-0.1%	
34.5%	64.5	64.5	0.0	0.0%	
35.8%	64.5	64.5	0.0	0.0%	
37.0%	64.4	64.4	-0.1	-0.1%	
38.3%	64.4	64.3	-0.1	-0.2%	
39.5%	64.4	64.3	-0.1	-0.1%	
40.7%	64.3	64.2	0.0	0.0%	
42.0%	64.2	64.2	0.0	0.0%	
43.2%	64.2	64.2	0.0	0.0%	
44.4%	64.2	64.2	0.0	0.0%	
45.7%	64.2	64.1	0.0	0.0%	
46.9%	64.1	64.1	-0.1	-0.1%	
48.1%	64.0	64.0	0.0	0.0%	
49.4%	64.0	64.0	0.0	0.0%	
50.6%	63.9	64.0	0.1	0.2%	
51.9%	63.9	63.9	0.1	0.1%	
53.1%	63.8	63.9	0.1	0.2%	
54.3%	63.7	63.9	0.2	0.3%	
55.6%	63.7	63.9	0.2	0.3%	
56.8%	63.6	63.9	0.3	0.4%	
58.0%	63.5	63.8	0.3	0.5%	
59.3%	63.4	63.7	0.3	0.5%	
60.5%	63.4	63.7	0.3	0.5%	
61.7%	63.3	63.6	0.3	0.5%	
63.0%	63.3	63.6	0.4	0.6%	
64.2%	63.3	63.6	0.4	0.6%	
65.4%	63.2	63.6	0.4	0.6%	
66.7%	63.2	63.6	0.4	0.6%	
67.9%	63.1	63.5	0.4	0.6%	
69.1%	63.1	63.5	0.4	0.6%	
70.4%	63.1	63.4	0.3	0.5%	
71.6%	63.0	63.4	0.4	0.6%	
72.8%	63.0	63.4	0.4	0.7%	
74.1%	63.0	63.2	0.3	0.5%	
75.3%	62.9	63.2	0.3	0.5%	
76.5%	62.9	63.2	0.3	0.5%	
77.8%	62.9	63.1	0.2	0.3%	
79.0%	62.9	63.0	0.1	0.2%	
80.2%	62.8	63.0	0.1	0.2%	
81.5%	62.8	62.9	0.0	0.1%	
82.7%	62.7	62.8	0.1	0.1%	
84.0%	62.6	62.7	0.1	0.2%	
85.2%	62.6	62.6	0.0	0.0%	
86.4%	62.5	62.6	0.0	0.0%	
87.7%	62.5	62.5	0.0	0.0%	
88.9%	62.4	62.5	0.0	0.0%	
90.1%	62.4	62.4	0.0	0.0%	
91.4%	62.4	62.4	0.1	0.1%	
92.6%	62.2	62.2	0.0	0.1%	
93.8%	62.0	62.2	0.1	0.2%	
95.1%	62.0	61.8	-0.2	-0.4%	
96.3%	61.8	61.5	-0.1	0.2%	
97.5%	61.5	62.0	0.0	0.0%	
98.8%	61.5	61.0	-0.4	-0.7%	
100.0%	60.6	60.8	0.2	0.4%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	69.7	69.5	-0.2	-0.3%	
1.2%	69.6	68.8	-0.8	-1.1%	
2.5%	68.7	68.2	-0.5	-0.7%	
3.7%	68.5	68.5	-0.3	-0.4%	
4.9%	68.1	68.2	0.1	0.1%	
6.2%	67.9	68.1	0.2	0.2%	
7.4%	67.9	67.9	0.1	0.1%	
8.6%	67.8	67.6	-0.3	-0.4%	
9.9%	67.7	67.5	-0.2	-0.3%	
11.1%	67.4	67.4	-0.2	-0.3%	
12.3%	67.6	67.3	-0.3	-0.4%	
13.6%	67.6	67.2	-0.4	-0.6%	
14.8%	67.5	67.1	-0.4	-0.6%	
16.0%	67.1	67.0	-0.1	-0.2%	
17.3%	67.1	67.0	-0.1	-0.2%	
18.5%	67.0	67.0	-0.1	-0.1%	
19.8%	67.0	66.9	0.0	-0.1%	
21.0%	66.8	66.7	-0.1	-0.2%	
22.2%	66.7	66.7	0.0	0.0%	
23.5%	66.7	66.5	-0.2	-0.3%	
24.7%	66.7	66.4	-0.3	-0.4%	
25.9%	66.7	66.2	-0.5	-0.7%	
27.2%	66.4	66.3	-0.1	-0.2%	
28.4%	66.4	66.3	-0.1	-0.2%	
29.6%	66.4	66.3	-0.1	-0.2%	
30.9%	66.4	66.2	-0.2	-0.3%	
32.1%	66.4	66.2	-0.2	-0.3%	
33.3%	66.3	66.1	-0.2	-0.4%	
34.5%	66.2	66.0	-0.2	-0.3%	
35.8%	66.0	66.0	-0.1	-0.1%	
37.0%	65.9	65.9	0.0	0.0%	
38.3%	65.9	65.9	0.0	0.0%	
39.5%	65.9	65.8	0.0	0.0%	
40.7%	65.8	65.8	0.0	0.1%	
42.0%	65.7	65.7	0.0	0.0%	
43.2%	65.6	65.7	0.1	0.1%	
44.4%	65.5	65.7	0.2	0.3%	
45.7%	65.5	65.6	0.1	0.2%	
46.9%	65.4	65.6	0.1	0.2%	
48.1%	65.4	65.4	0.0	0.1%	
49.4%	65.3	65.3	0.1	0.1%	
50.6%	65.3	65.3	0.1	0.1%	
51.9%	65.3	65.3	0.0	0.0%	
53.1%	65.3	65.3	0.0	0.0%	
54.3%	65.2	65.3	0.1	0.1%	
55.6%	65.2	65.3	0.1	0.1%	
56.8%	65.1	65.2	0.0	0.1%	
58.0%	65.1	65.1	0.0	0.0%	
59.3%	65.1	65.1	0.0	0.0%	
60.5%	65.0	65.0	-0.1	-0.1%	
61.7%	65.0	64.9	-0.1	-0.1%	
63.0%	64.9	64.9	0.0	0.0%	
64.2%	64.9	64.8	-0.1	-0.1%	
65.4%	64.8	64.7	-0.1	-0.1%	
66.7%	64.7	64.7	0.0	0.0%	
67.9%	64.6	64.7	0.1	0.2%	
69.1%	64.5	64.7	0.2	0.3%	
70.4%	64.5	64.7	0.2	0.3%	
71.6%	64.5	64.7	0.2	0.2%	
72.8%	64.4	64.8	0.1	0.2%	
74.1%	64.4	64.5	0.0	0.0%	
75.3%	64.3	64.4	0.1	0.1%	
76.5%	64.3	64.3	0.1	0.1%	
77.8%	64.2	64.1	-0.1	-0.2%	
79.0%	64.2	64.0	-0.1	-0.2%	
80.2%	64.1	64.0	-0.1	-0.1%	
81.5%	63.9	64.0	0.1	0.1%	
82.7%	63.9	64.0	0.0	0.0%	
84.0%	63.9	63.8	-0.1	-0.2%	
85.2%	63.9	63.7	-0.1	-0.2%	
86.4%	63.7	63.7	-0.1	-0.1%	
87.7%	63.7	63.6	-0.1	-0.2%	
88.9%	63.4	63.5	0.1	0.2%	
90.1%	63.3	63.5	0.1	0.2%	
91.4%	63.3	63.4	0.2	0.2%	
92.6%	63.2	63.3	0.1	0.1%	
93.8%	63.1	63.0	-0.1	-0.2%	
95.1%	63.1	63.1	-0.1	-0.1%	
96.3%	62.7	63.2	0.2	0.4%	
97.5%	62.7	62.9	0.2	0.3%	
98.8%	62.4	62.3	-0.1	-0.1%	
100.0%	62.0	61.8	-0.2	-0.3%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	71.7	69.8	-1.9	-2.7%	
1.2%	71.5	68.3	-3.3	-4.5%	
2.5%	69.9	68.9	-1.0	-1.3%	
3.7%	68.0	68.0	-1.7	-2.3%	
4.9%	69.3	67.9	-1.4	-2.0%	
6.2%	68.9	67.8	-1.1	-1.6%	
7.4%	68.2	67.6	-0.6	-0.8%	
8.6%	68.0	67.3	-0.6	-0.9%	
9.9%	68.0	67.1	-0.8	-1.2%	
11.1%	68.0	67.3	-0.8	-1.2%	
12.3%	67.9	67.1	-0.8	-1.1%	
13.6%	67.8	66.9	-0.9	-1.3%	
14.8%	67.7	66.7	-1.0	-1.5%	
16.0%	67.3	66.7	-0.6	-0.8%	
17.3%	67.3	66.7	-0.6	-0.9%	
18.5%	67.2	66.6	-0.5	-0.8%	
19.8%	67.1	66.6	-0.6	-0.9%	
21.0%	67.0	66.6	-0.5	-0.7%	
22.2%	67.0	66.5	-0.4	-0.6%	
23.5%	66.6	66.5	0.0	-0.1%	
24.7%	66.5	66.5	0.0	0.0%	
25.9%	66.4	66.5	0.1	0.2%	
27.2%	66.4	66.5	0.1	0.2%	
28.4%	66.3	66.4	0.1	0.1%	
29.6%	66.3	66.4	0.1	0.1%	
30.9%	66.3	66.4	0.1	0.2%	
32.1%	66.2	66.4	0.2	0.3%	
33.3%	66.2	66.3	0.1	0.1%	
34.5%	66.1	66.2	0.1	0.1%	
35.8%	66.1	66.2	0.1	0.1%	
37.0%	66.1	66.1	0.1	0.1%	
38.3%	66.0	65.9	-0.1	-0.1%	
39.5%	65.9	65.9	0.0	-0.1%	
40.7%	65.9	65.9	0.0	0.0%	
42.0%	65.9	65.9	0.1	0.1%	
43.2%	65.8	65.8	0.0	0.0%	
44.4%	65.8	65.8	0.0	0.0%	
45.7%	65.7	65.7	0.1	0.1%	
46.9%	65.6	65.7	0.1	0.2%	
48.1%	65.5	65.7	0.1	0.2%	
49.4%	65.5	65.6	0.1	0.2%	
50.6%	65.5	65.6	0.2	0.2%	
51.9%	65.4	65.6	0.2	0.3%	
53.1%	65.4	65.6	0.2	0.3%	
54.3%	65.4	65.6	0.2	0.3%	
55.6%	65.4	65.5	0.2	0.3%	
56.8%	65.3	65.5	0.2	0.3%	
58.0%	65.3	65.5	0.2	0.3%	
59.3%	65.3	65.5	0.2	0.3%	
60.5%	65.2	65.5	0.3	0.5%	
61.7%	65.2	65.5	0.3	0.5%	
63.0%	65.2	65.3	0.2	0.3%	
64.2%	65.1	65.3	0.2	0.3%	
65.4%	65.1	65.2	0.1	0.1%	
66.7%	65.0	65.2	0.2	0.3%	
67.9%	65.0	65.1	0.1	0.1%	
69.1%	65.0	65.0	0.0	0.0%	
70.4%	64.9	65.0	0.2	0.2%	
71.6%	64.8	65.0	0.2	0.3%	
72.8%	64.4	64.9	0.5	0.8%	
74.1%	64.4	64.9	0.5	0.7%	
75.3%	64.3	64.8	0.4	0.7%	
76.5%	64.3	64.7	0.4	0.6%	
77.8%	64.3	64.7	0.4	0.6%	
79.0%	64.3	64.5	0.3	0.4%	
80.2%	64.				

Table SQ-11-9a
Sacramento River at Knights Landing, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	58.3	51.1	45.2	44.4	47.2	51.9	57.7	63.7	67.6	70.3	70.1	65.7
Alternative D	58.1	51.0	45.2	44.4	47.2	52.0	57.9	63.8	67.4	69.8	69.8	65.4
Difference	-0.2	-0.1	0.1	0.1	0.1	0.2	0.2	0.1	-0.2	-0.5	-0.3	-0.3
Percent Difference ³	-0.3%	-0.2%	0.1%	0.2%	0.1%	0.3%	0.3%	0.2%	-0.3%	-0.7%	-0.4%	-0.4%
Water Year Types ²												
Wet (32%)												
No Action Alternative	57.6	51.3	45.2	44.7	46.8	50.6	55.4	62.5	67.1	70.7	70.0	63.5
Alternative D	57.4	51.2	45.3	44.7	46.8	50.7	55.5	62.5	66.8	70.3	70.2	63.3
Difference	-0.2	-0.1	0.1	0.0	0.0	0.1	0.1	0.0	-0.3	-0.4	0.1	-0.1
Percent Difference	-0.3%	-0.2%	0.3%	0.1%	0.1%	0.2%	0.2%	0.0%	-0.4%	-0.6%	0.2%	-0.2%
Above Normal (15%)												
No Action Alternative	58.0	50.7	45.5	44.8	47.0	51.7	57.6	64.4	67.9	69.8	70.1	65.4
Alternative D	57.9	50.7	45.6	44.8	47.1	51.8	57.8	64.4	67.8	69.0	69.9	65.3
Difference	-0.1	0.0	0.1	0.1	0.1	0.2	0.3	0.1	-0.1	-0.8	-0.2	-0.1
Percent Difference	-0.2%	0.0%	0.3%	0.2%	0.1%	0.3%	0.4%	0.1%	-0.2%	-1.2%	-0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	57.7	51.0	45.3	44.2	46.7	51.9	58.6	64.2	67.7	70.1	69.8	66.5
Alternative D	57.5	50.9	45.3	44.2	46.7	52.2	58.9	64.5	67.5	69.4	69.5	66.1
Difference	-0.3	-0.1	0.0	0.1	0.1	0.3	0.3	0.2	-0.2	-0.7	-0.3	-0.4
Percent Difference	-0.5%	-0.1%	0.0%	0.1%	0.1%	0.5%	0.5%	0.4%	-0.2%	-1.1%	-0.4%	-0.6%
Dry (22%)												
No Action Alternative	58.6	51.4	45.2	44.0	47.4	52.6	59.4	64.2	68.2	69.9	69.7	67.0
Alternative D	58.5	51.3	45.2	44.1	47.5	52.8	59.6	64.3	68.0	69.5	69.3	66.6
Difference	-0.1	-0.1	0.0	0.1	0.0	0.2	0.2	0.1	-0.1	-0.4	-0.5	-0.3
Percent Difference	-0.2%	-0.2%	0.0%	0.3%	0.1%	0.3%	0.4%	0.1%	-0.2%	-0.6%	-0.7%	-0.5%
Critical (15%)												
No Action Alternative	60.1	50.9	44.7	44.1	48.4	53.6	59.3	64.4	67.5	70.7	71.1	67.8
Alternative D	60.0	50.8	44.7	44.2	48.5	53.7	59.5	64.8	67.3	70.4	69.9	67.3
Difference	-0.2	-0.1	0.0	0.1	0.1	0.2	0.4	-0.2	-0.3	-1.2	-0.5	
Percent Difference	-0.3%	-0.3%	0.0%	0.3%	0.2%	0.2%	0.4%	0.6%	-0.3%	-0.4%	-1.6%	-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

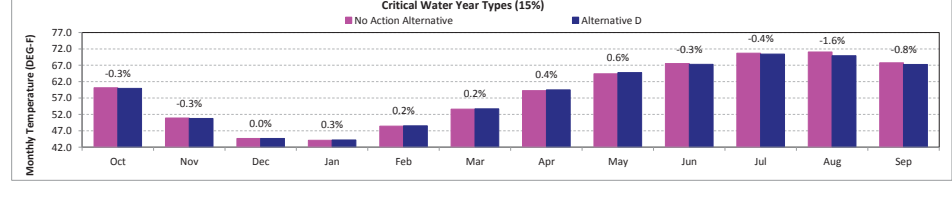
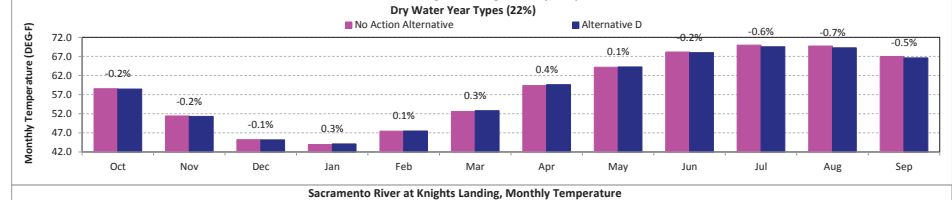
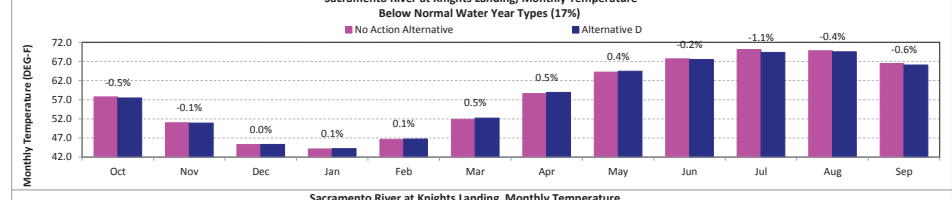
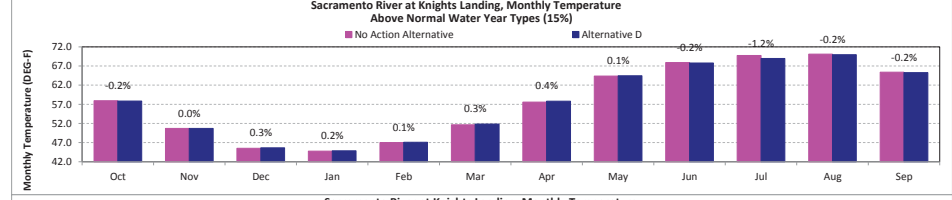
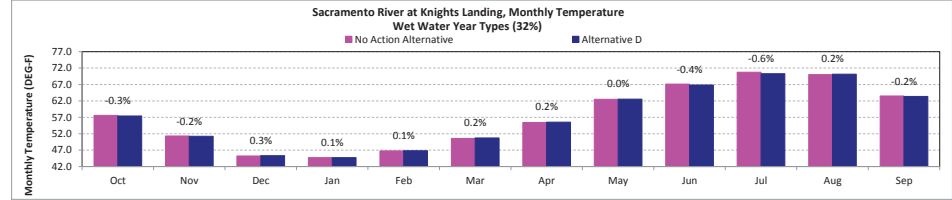
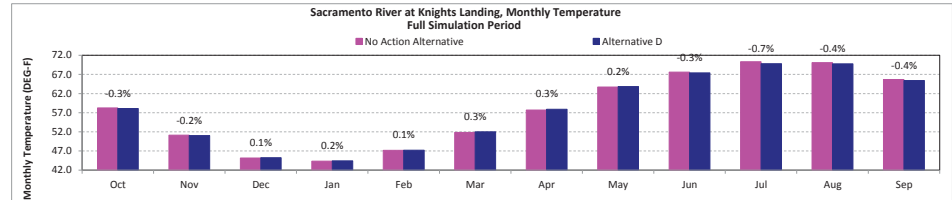


Figure SQ-11-9b
 Sacramento River at Knights Landing, Monthly Temperature
 Probability of Exceedance

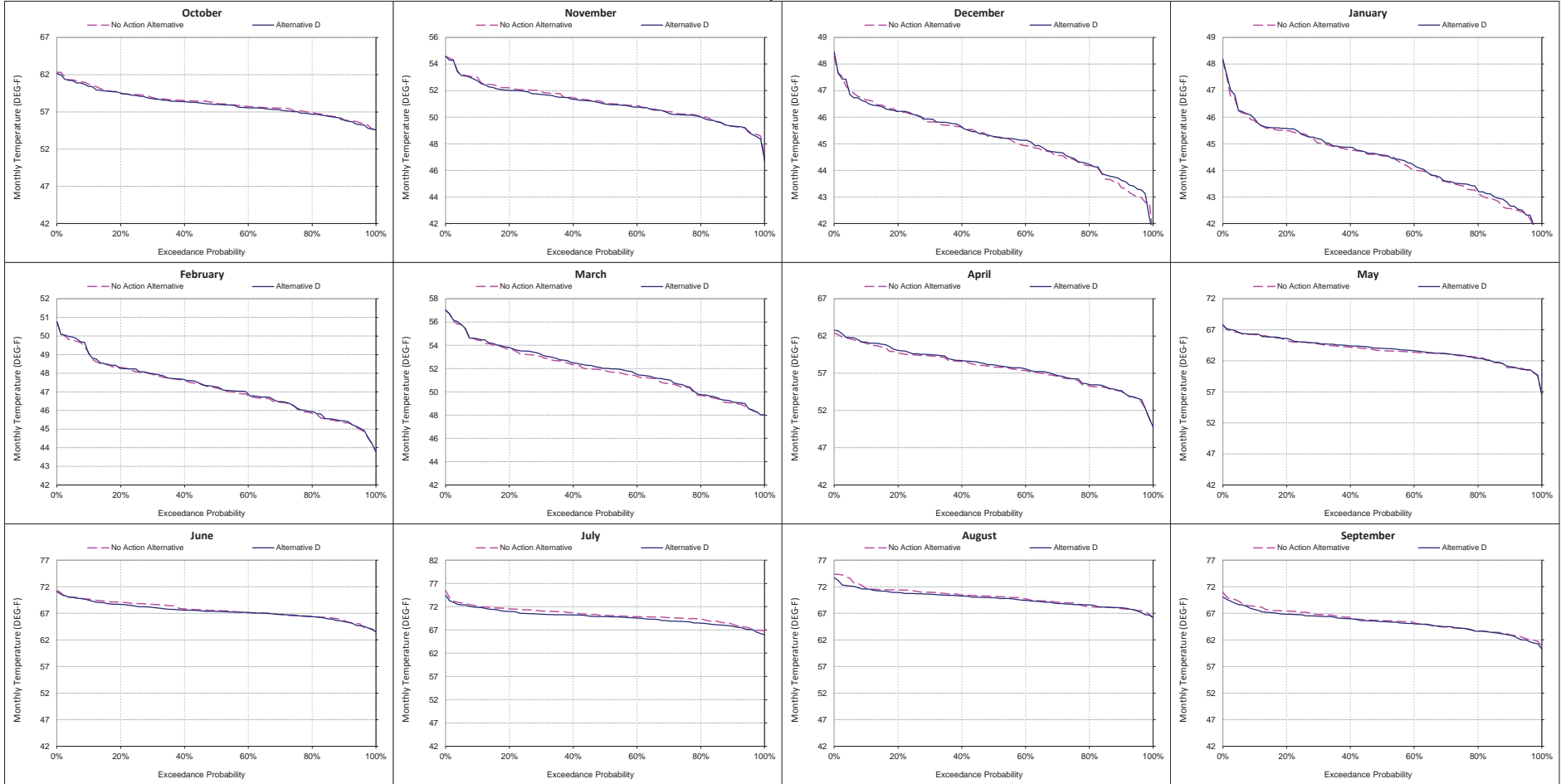


Table SQ-11-9b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	62.3	62.2	-0.2	-0.2%	
1.2%	62.3	62.0	-0.4	-0.6%	
2.5%	61.7	61.4	-0.4	-0.6%	
3.7%	61.3	61.1	-0.1	-0.1%	
4.9%	61.3	61.2	-0.1	-0.2%	
6.2%	61.2	60.9	-0.3	-0.5%	
7.4%	61.0	60.9	-0.1	-0.2%	
8.6%	61.0	60.7	-0.3	-0.5%	
9.9%	60.7	60.4	-0.3	-0.5%	
11.1%	60.5	60.4	-0.2	-0.3%	
12.3%	60.4	60.0	-0.4	-0.7%	
13.6%	60.1	59.9	-0.2	-0.4%	
14.8%	60.0	59.8	-0.1	-0.2%	
16.0%	59.8	59.8	0.0	0.0%	
17.3%	59.8	59.7	-0.1	-0.1%	
18.5%	59.7	59.7	0.0	0.0%	
19.8%	59.4	59.6	0.1	0.2%	
21.0%	59.4	59.4	0.0	0.0%	
22.2%	59.4	59.4	0.0	0.0%	
23.5%	59.3	59.2	-0.1	-0.2%	
24.7%	59.3	59.2	-0.1	-0.2%	
25.9%	59.3	59.3	0.0	0.0%	
27.2%	59.2	59.1	-0.2	-0.3%	
28.4%	59.2	58.9	-0.3	-0.5%	
29.6%	59.0	58.8	-0.2	-0.3%	
30.9%	58.8	58.7	-0.1	-0.2%	
32.1%	58.8	58.7	-0.1	-0.2%	
33.3%	58.8	58.6	-0.2	-0.3%	
34.5%	58.7	58.6	-0.1	-0.2%	
35.8%	58.6	58.4	-0.2	-0.3%	
37.0%	58.6	58.4	-0.2	-0.3%	
38.3%	58.6	58.4	-0.2	-0.3%	
39.5%	58.6	58.4	-0.2	-0.3%	
40.7%	58.5	58.4	-0.2	-0.3%	
42.0%	58.5	58.3	-0.2	-0.3%	
43.2%	58.5	58.3	-0.2	-0.3%	
44.4%	58.4	58.2	-0.2	-0.4%	
45.7%	58.4	58.2	-0.3	-0.5%	
46.9%	58.4	58.1	-0.4	-0.6%	
48.1%	58.3	58.1	-0.3	-0.4%	
49.4%	58.3	58.0	-0.3	-0.5%	
50.6%	58.1	58.0	-0.1	-0.2%	
51.9%	58.1	58.0	-0.1	-0.2%	
53.1%	58.1	57.9	-0.1	-0.2%	
54.3%	57.9	57.9	0.0	0.0%	
55.6%	57.9	57.9	0.0	0.0%	
56.8%	57.9	57.7	-0.2	-0.4%	
58.0%	57.9	57.6	-0.3	-0.4%	
59.3%	57.7	57.6	-0.2	-0.3%	
60.5%	57.7	57.5	-0.2	-0.3%	
61.7%	57.7	57.5	-0.1	-0.2%	
63.0%	57.6	57.5	-0.1	-0.2%	
64.2%	57.6	57.5	-0.1	-0.2%	
65.4%	57.6	57.4	-0.1	-0.3%	
66.7%	57.6	57.4	-0.2	-0.3%	
67.9%	57.5	57.3	-0.2	-0.3%	
69.1%	57.5	57.3	-0.2	-0.4%	
70.4%	57.5	57.2	-0.3	-0.5%	
71.6%	57.5	57.1	-0.3	-0.6%	
72.8%	57.4	57.1	-0.3	-0.6%	
74.1%	57.2	57.0	-0.1	-0.2%	
75.3%	57.2	57.0	-0.1	-0.2%	
76.5%	57.1	56.8	-0.3	-0.6%	
77.8%	57.1	56.8	-0.2	-0.4%	
79.0%	57.0	56.7	-0.2	-0.4%	
80.2%	56.9	56.7	-0.2	-0.4%	
81.5%	56.8	56.7	-0.1	-0.2%	
82.7%	56.7	56.6	-0.1	-0.2%	
84.0%	56.6	56.5	-0.1	-0.2%	
85.2%	56.5	56.4	-0.1	-0.1%	
86.4%	56.4	56.3	-0.1	-0.2%	
87.7%	56.3	56.3	0.0	0.0%	
88.9%	56.0	56.2	0.2	0.3%	
90.1%	55.9	55.9	0.0	0.0%	
91.4%	55.8	55.7	-0.1	-0.2%	
92.6%	55.8	55.7	-0.1	-0.2%	
93.8%	55.7	55.4	-0.3	-0.6%	
95.1%	55.5	55.3	-0.2	-0.4%	
96.3%	55.3	55.3	0.0	0.0%	
97.5%	55.2	54.8	-0.4	-0.7%	
98.8%	54.7	54.7	0.0	0.0%	
100.0%	54.7	54.6	0.0	-0.2%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.6	54.6	0.0	0.0%	
1.2%	54.5	54.3	-0.2	-0.3%	
2.5%	54.3	54.3	0.0	0.0%	
3.7%	53.5	53.4	0.0	0.0%	
4.9%	53.2	53.1	-0.1	-0.1%	
6.2%	53.1	53.1	0.0	0.0%	
7.4%	53.1	53.0	-0.1	-0.1%	
8.6%	53.0	52.9	-0.1	-0.3%	
9.9%	53.0	52.7	-0.3	-0.5%	
11.1%	52.6	52.5	-0.1	-0.1%	
12.3%	52.5	52.4	0.0	-0.1%	
13.6%	52.5	52.3	-0.2	-0.4%	
14.8%	52.4	52.2	-0.2	-0.4%	
16.0%	52.4	52.1	-0.2	-0.5%	
17.3%	52.2	52.1	-0.2	-0.3%	
18.5%	52.2	52.0	-0.2	-0.4%	
19.8%	52.2	52.0	-0.2	-0.4%	
21.0%	52.2	52.0	-0.2	-0.3%	
22.2%	52.1	52.0	-0.1	-0.2%	
23.5%	52.1	52.0	-0.1	-0.2%	
24.7%	52.1	52.0	-0.1	-0.2%	
25.9%	52.1	52.0	-0.1	-0.2%	
27.2%	52.0	51.8	-0.3	-0.5%	
28.4%	52.0	51.8	-0.3	-0.5%	
29.6%	52.0	51.7	-0.3	-0.5%	
30.9%	51.8	51.7	-0.2	-0.3%	
32.1%	51.8	51.7	-0.1	-0.3%	
33.3%	51.8	51.6	-0.1	-0.3%	
34.5%	51.8	51.5	-0.2	-0.5%	
35.8%	51.8	51.5	-0.3	-0.5%	
37.0%	51.5	51.5	0.0	0.0%	
38.3%	51.5	51.5	0.0	0.0%	
39.5%	51.5	51.4	-0.1	-0.3%	
40.7%	51.4	51.3	-0.1	-0.2%	
42.0%	51.4	51.3	-0.1	-0.2%	
43.2%	51.3	51.3	-0.1	-0.2%	
44.4%	51.3	51.2	-0.1	-0.1%	
45.7%	51.2	51.2	0.0	-0.1%	
46.9%	51.2	51.2	0.0	-0.2%	
48.1%	51.2	51.1	-0.1	-0.3%	
49.4%	51.1	51.0	-0.1	-0.2%	
50.6%	51.0	51.0	-0.1	-0.1%	
51.9%	51.0	50.9	-0.1	-0.1%	
53.1%	51.0	50.9	-0.1	-0.1%	
54.3%	51.0	50.9	-0.1	-0.1%	
55.6%	50.9	50.9	0.0	0.0%	
56.8%	50.9	50.9	0.0	0.0%	
58.0%	50.9	50.8	-0.1	-0.2%	
59.3%	50.9	50.8	-0.1	-0.2%	
60.5%	50.9	50.8	-0.1	-0.2%	
61.7%	50.7	50.7	0.0	0.0%	
63.0%	50.7	50.7	0.0	0.0%	
64.2%	50.6	50.6	0.0	-0.1%	
65.4%	50.5	50.6	0.1	0.1%	
66.7%	50.5	50.5	0.0	0.0%	
67.9%	50.5	50.5	0.0	0.0%	
69.1%	50.4	50.4	-0.1	-0.1%	
70.4%	50.4	50.3	-0.2	-0.3%	
71.6%	50.4	50.2	-0.2	-0.4%	
72.8%	50.3	50.2	-0.1	-0.1%	
74.1%	50.2	50.2	-0.1	-0.1%	
75.3%	50.2	50.2	-0.1	-0.2%	
76.5%	50.2	50.2	-0.1	-0.1%	
77.8%	50.2	50.1	0.0	-0.1%	
79.0%	50.1	50.1	0.0	-0.1%	
80.2%	50.1	50.0	-0.1	-0.2%	
81.5%	50.0	49.9	-0.1	-0.3%	
82.7%	49.9	49.8	-0.1	-0.3%	
84.0%	49.7	49.8	0.1	0.2%	
85.2%	49.7	49.6	0.0	-0.1%	
86.4%	49.6	49.6	0.0	-0.1%	
87.7%	49.4	49.4	0.0	0.0%	
88.9%	49.4	49.4	0.0	0.0%	
90.1%	49.3	49.3	0.0	0.0%	
91.4%	49.3	49.3	0.0	0.0%	
92.6%	49.2	49.3	0.1	0.1%	
93.8%	49.2	49.2	0.0	0.0%	
95.1%	48.9	48.9	-0.1	-0.1%	
96.3%	48.7	48.7	-0.1	-0.1%	
97.5%	48.7	48.5	-0.2	-0.3%	
98.8%	48.6	48.4	-0.2	-0.5%	
100.0%	47.1	46.7	-0.3	-0.7%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	48.3	48.5	0.2	0.4%	
1.2%	47.7	47.7	0.0	0.0%	
2.5%	47.5	47.4	-0.1	-0.2%	
3.7%	47.2	47.4	0.3	0.6%	
4.9%	47.0	46.9	-0.2	-0.4%	
6.2%	46.9	46.7	-0.2	-0.3%	
7.4%	46.8	46.7	-0.1	-0.1%	
8.6%	46.7	46.6	-0.1	-0.2%	
9.9%	46.7	46.6	-0.1	-0.2%	
11.1%	46.6	46.5	-0.1	-0.3%	
12.3%	46.6	46.4	-0.1	-0.3%	
13.6%	46.5	46.4	0.0	-0.1%	
14.8%	46.5	46.4	0.0	-0.1%	
16.0%	46.4	46.3	-0.1	-0.2%	
17.3%	46.3	46.3	0.0	-0.1%	
18.5%	46.3	46.3	-0.1	-0.1%	
19.8%	46.2	46.2	0.0	0.0%	
21.0%	46.2	46.2	0.0	0.1%	
22.2%	46.2	46.2	0.0	0.1%	
23.5%	46.1	46.2	0.0	0.1%	
24.7%	46.1	46.1	0.0	0.0%	
25.9%	46.1	46.1	0.0	0.0%	
27.2%	46.0	46.0	0.0	0.0%	
28.4%	45.8	45.9	0.1	0.2%	
29.6%	45.8	45.9	0.1	0.2%	
30.9%	45.8	45.9	0.1	0.2%	
32.1%	45.8	45.8	0.0	0.0%	
33.3%	45.7	45.8	0.1	0.2%	
34.5%	45.7	45.8	0.1	0.2%	
35.8%	45.7	45.8	0.1	0.2%	
37.0%	45.7	45.8	0.1	0.2%	
38.3%	45.7	45.7	0.0	0.2%	
39.5%	45.6	45.7	0.0	0.1%	
40.7%	45.6	45.6	0.0	0.0%	
42.0%	45.5	45.5	0.0	-0.1%	
43.2%	45.5	45.5	-0.1	-0.2%	
44.4%	45.5	45.5	0.0	0.0%	
45.7%	45.4	45.4	-0.1	-0.1%	
46.9%	45.4	45.4	0.0	-0.1%	
48.1%	45.3	45.3	0.0	0.1%	
49.4%	45.3	45.3	0.0	0.1%	
50.6%	45.3	45.3	0.0	0.0%	
51.9%	45.2	45.3	0.0	0.1%	
53.1%	45.2	45.2	0.0	0.0%	
54.3%	45.2	45.2	0.0	0.0%	
55.6%	45.1	45.2	0.1	0.2%	
56.8%	45.0	45.2	0.1	0.3%	
58.0%	45.0	45.1	0.2	0.4%	
59.3%	44.9	45.1	0.2	0.4%	
60.5%	44.9	45.1	0.2	0.5%	
61.7%	44.9	45.1	0.2	0.4%	
63.0%	44.8	44.9	0.1	0.2%	
64.2%	44.8	44.9	0.1	0.2%	
65.4%	44.7	44.8	0.1	0.3%	
66.7%	44.7	44.7	0.0	0.1%	
67.9%	44.7	44.7	0.0	0.0%	
69.1%	44.6	44.7	0.1	0.3%	
70.4%	44.6	44.7	0.1	0.2%	
71.6%	44.6	44.7	0.1	0.2%	
72.8%	44.4	44.5	0.1	0.2%	
74.1%	44.4	44.5	0.1	0.1%	
75.3%	44.4	44.4	0.0	0.1%	
76.5%	44.3	44.3	0.0	0.0%	
77.8%	44.2	44.3	0.1	0.1%	
79.0%	44.2	44.3	0.1	0.2%	
80.2%	44.2				

Table SQ-11-9b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.7	50.8	0.0	0.0%	
1.2%	50.1	50.1	-0.1	-0.1%	
2.5%	50.0	50.0	0.0	0.1%	
3.7%	49.8	50.0	0.2	0.3%	
4.9%	49.8	49.9	0.1	0.3%	
6.2%	49.7	49.9	0.1	0.3%	
7.4%	49.6	49.7	0.0	0.1%	
8.6%	49.5	49.7	0.2	0.4%	
9.9%	49.1	49.1	0.0	-0.1%	
11.1%	48.7	48.8	0.1	0.2%	
12.3%	48.6	48.8	0.2	0.3%	
13.6%	48.5	48.6	0.0	0.1%	
14.8%	48.5	48.5	0.0	0.1%	
16.0%	48.5	48.5	0.0	-0.1%	
17.3%	48.3	48.4	0.1	0.2%	
18.5%	48.3	48.4	0.1	0.2%	
19.8%	48.3	48.3	-0.1	-0.2%	
21.0%	48.3	48.3	0.0	-0.1%	
22.2%	48.2	48.2	0.0	0.0%	
23.5%	48.1	48.2	0.1	0.2%	
24.7%	48.1	48.2	0.1	0.3%	
25.9%	47.8	48.1	0.1	0.2%	
27.2%	48.0	48.1	0.0	0.0%	
28.4%	48.0	48.0	0.0	0.1%	
29.6%	48.0	48.0	0.0	0.0%	
30.9%	47.9	48.0	0.1	0.1%	
32.1%	47.8	47.9	0.1	0.1%	
33.3%	47.8	47.9	0.1	0.2%	
34.5%	47.8	47.9	0.0	0.0%	
35.8%	47.7	47.7	0.0	0.0%	
37.0%	47.7	47.7	0.0	0.0%	
38.3%	47.7	47.7	0.0	0.1%	
39.5%	47.7	47.7	0.0	0.0%	
40.7%	47.6	47.6	0.0	0.1%	
42.0%	47.5	47.5	0.1	0.2%	
43.2%	47.5	47.6	0.1	0.2%	
44.4%	47.5	47.5	0.0	0.0%	
45.7%	47.4	47.4	0.0	-0.1%	
46.9%	47.3	47.3	0.0	0.1%	
48.1%	47.3	47.3	0.0	0.1%	
49.4%	47.2	47.3	0.1	0.2%	
50.6%	47.2	47.2	0.1	0.2%	
51.9%	47.2	47.1	0.0	-0.1%	
53.1%	47.0	47.1	0.1	0.1%	
54.3%	47.0	47.1	0.1	0.2%	
55.6%	47.0	47.1	0.1	0.2%	
56.8%	46.9	47.0	0.1	0.3%	
58.0%	46.9	47.0	0.1	0.3%	
59.3%	46.9	47.0	0.1	0.3%	
60.5%	46.7	46.8	0.1	0.2%	
61.7%	46.7	46.8	0.1	0.2%	
63.0%	46.7	46.8	0.1	0.2%	
64.2%	46.7	46.7	0.1	0.1%	
65.4%	46.7	46.7	0.1	0.1%	
66.7%	46.6	46.7	0.1	0.2%	
67.9%	46.5	46.6	0.1	0.2%	
69.1%	46.5	46.5	0.0	0.0%	
70.4%	46.4	46.5	0.1	0.1%	
71.6%	46.4	46.4	0.0	0.1%	
72.8%	46.3	46.4	0.0	0.1%	
74.1%	46.3	46.3	0.0	0.0%	
75.3%	46.1	46.1	0.1	0.1%	
76.5%	46.0	46.0	0.1	0.1%	
77.8%	45.9	46.0	0.1	0.2%	
79.0%	45.9	45.9	0.0	0.1%	
80.2%	45.8	45.9	0.1	0.2%	
81.5%	45.8	45.8	0.0	0.1%	
82.7%	45.6	45.8	0.2	0.4%	
84.0%	45.6	45.6	0.0	0.0%	
85.2%	45.5	45.6	0.1	0.1%	
86.4%	45.5	45.5	0.1	0.1%	
87.7%	45.4	45.5	0.1	0.1%	
88.9%	45.4	45.5	0.0	0.1%	
90.1%	45.3	45.4	0.1	0.2%	
91.4%	45.3	45.4	0.0	0.1%	
92.6%	45.3	45.2	0.0	-0.1%	
93.8%	45.1	45.2	0.1	0.1%	
95.1%	45.0	45.0	0.0	0.0%	
96.3%	44.9	44.9	0.1	0.1%	
97.5%	44.5	44.5	0.0	0.1%	
98.8%	44.2	44.2	0.0	-0.1%	
100.0%	43.8	43.8	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	57.0	57.0	0.0	0.0%	
1.2%	56.7	56.7	0.0	0.0%	
2.5%	56.1	56.2	0.1	0.2%	
3.7%	55.8	56.0	0.2	0.4%	
4.9%	55.8	55.8	0.0	-0.1%	
6.2%	55.7	55.5	-0.1	-0.1%	
7.4%	54.7	54.6	-0.1	-0.2%	
8.6%	54.6	54.6	0.0	0.1%	
9.9%	54.4	54.6	0.1	0.3%	
11.1%	54.4	54.5	0.1	0.1%	
12.3%	54.2	54.5	0.3	0.5%	
13.6%	54.1	54.2	0.1	0.1%	
14.8%	54.0	54.2	0.2	0.3%	
16.0%	54.0	54.0	0.0	0.0%	
17.3%	53.9	54.0	0.1	0.2%	
18.5%	53.8	53.9	0.1	0.2%	
19.8%	53.6	53.8	0.2	0.4%	
21.0%	53.6	53.7	0.1	0.1%	
22.2%	53.5	53.6	0.1	0.2%	
23.5%	53.3	53.5	0.3	0.5%	
24.7%	53.2	53.5	0.3	0.5%	
25.9%	53.2	53.2	0.0	0.0%	
27.2%	53.2	53.4	0.2	0.5%	
28.4%	53.1	53.4	0.3	0.5%	
29.6%	53.1	53.3	0.2	0.4%	
30.9%	52.9	53.1	0.2	0.4%	
32.1%	52.9	53.0	0.2	0.3%	
33.3%	52.7	53.0	0.3	0.5%	
34.5%	52.7	52.9	0.2	0.4%	
35.8%	52.7	52.7	0.1	0.2%	
37.0%	52.6	52.7	0.1	0.2%	
38.3%	52.5	52.7	0.2	0.4%	
39.5%	52.3	52.5	0.2	0.3%	
40.7%	52.3	52.5	0.2	0.3%	
42.0%	52.3	52.4	0.1	0.3%	
43.2%	52.0	52.3	0.3	0.6%	
44.4%	52.0	52.3	0.3	0.6%	
45.7%	52.0	52.3	0.3	0.6%	
46.9%	52.0	52.2	0.2	0.4%	
48.1%	51.9	52.1	0.2	0.4%	
49.4%	51.9	52.0	0.1	0.3%	
50.6%	51.8	52.0	0.2	0.5%	
51.9%	51.7	52.0	0.3	0.5%	
53.1%	51.7	52.0	0.3	0.5%	
54.3%	51.7	52.0	0.3	0.6%	
55.6%	51.6	51.9	0.3	0.6%	
56.8%	51.5	51.8	0.3	0.6%	
58.0%	51.4	51.8	0.4	0.7%	
59.3%	51.4	51.6	0.2	0.4%	
60.5%	51.3	51.4	0.2	0.3%	
61.7%	51.2	51.4	0.2	0.4%	
63.0%	51.2	51.4	0.2	0.3%	
64.2%	51.2	51.3	0.2	0.3%	
65.4%	51.2	51.2	0.0	0.1%	
66.7%	51.0	51.2	0.2	0.4%	
67.9%	50.8	51.1	0.3	0.7%	
69.1%	50.7	51.1	0.3	0.6%	
70.4%	50.7	51.0	0.3	0.6%	
71.6%	50.7	50.8	0.1	0.2%	
72.8%	50.5	50.7	0.1	0.3%	
74.1%	50.4	50.6	0.2	0.4%	
75.3%	50.4	50.5	0.1	0.2%	
76.5%	50.4	50.4	0.0	0.1%	
77.8%	49.9	50.0	0.1	0.2%	
79.0%	49.7	49.8	0.1	0.2%	
80.2%	49.7	49.7	0.0	0.1%	
81.5%	49.6	49.7	0.1	0.2%	
82.7%	49.6	49.7	0.1	0.1%	
84.0%	49.5	49.6	0.1	0.3%	
85.2%	49.4	49.5	0.1	0.1%	
86.4%	49.2	49.3	0.1	0.3%	
87.7%	49.1	49.2	0.1	0.4%	
88.9%	49.1	49.3	0.2	0.4%	
90.1%	49.0	49.1	0.1	0.1%	
91.4%	49.0	49.1	0.1	0.2%	
92.6%	48.9	49.0	0.1	0.3%	
93.8%	48.8	49.0	0.2	0.4%	
95.1%	48.6	48.6	0.0	0.0%	
96.3%	48.4	48.4	0.0	0.2%	
97.5%	48.3	48.3	0.0	0.0%	
98.8%	48.0	48.0	0.0	0.0%	
100.0%	48.0	48.0	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	62.4	62.8	0.4	0.6%	
1.2%	62.2	62.7	0.5	0.8%	
2.5%	61.8	62.3	0.5	0.7%	
3.7%	61.7	61.8	0.1	0.1%	
4.9%	61.6	61.8	0.2	0.3%	
6.2%	61.5	61.7	0.3	0.4%	
7.4%	61.2	61.5	0.3	0.4%	
8.6%	61.2	61.2	0.0	-0.1%	
9.9%	61.0	61.2	0.2	0.3%	
11.1%	60.9	61.1	0.2	0.3%	
12.3%	60.7	61.0	0.3	0.5%	
13.6%	60.7	61.0	0.3	0.6%	
14.8%	60.5	60.9	0.4	0.6%	
16.0%	60.5	60.8	0.3	0.6%	
17.3%	59.9	60.6	0.7	1.1%	
18.5%	59.9	60.3	0.3	0.6%	
19.8%	59.7	60.1	0.4	0.6%	
21.0%	59.7	60.0	0.3	0.6%	
22.2%	59.5	60.0	0.4	0.7%	
23.5%	59.5	59.8	0.3	0.5%	
24.7%	59.5	59.6	0.1	0.2%	
25.9%	59.4	59.5	0.2	0.3%	
27.2%	59.4	59.5	0.1	0.3%	
28.4%	59.4	59.5	0.1	0.2%	
29.6%	59.4	59.5	0.1	0.2%	
30.9%	59.3	59.5	0.2	0.3%	
32.1%	59.3	59.4	0.2	0.3%	
33.3%	59.2	59.4	0.2	0.3%	
34.5%	59.1	59.3	0.2	0.3%	
35.8%	58.7	58.9	0.2	0.4%	
37.0%	58.7	58.8	0.2	0.3%	
38.3%	58.6	58.7	0.1	0.2%	
39.5%	58.6	58.7	0.1	0.2%	
40.7%	58.5	58.7	0.1	0.2%	
42.0%	58.4	58.6	0.2	0.3%	
43.2%	58.2	58.6	0.3	0.6%	
44.4%	58.1	58.6	0.4	0.8%	
45.7%	58.1	58.4	0.3	0.6%	
46.9%	58.1	58.3	0.3	0.5%	
48.1%	58.0	58.1	0.2	0.3%	
49.4%	57.8	58.0	0.3	0.5%	
50.6%	57.8	58.1	0.3	0.5%	
51.9%	57.8	58.0	0.2	0.3%	
53.1%	57.8	57.9	0.1	0.2%	
54.3%	57.7	57.8	0.1	0.1%	
55.6%	57.6	57.8	0.2	0.3%	
56.8%	57.5	57.7	0.2	0.4%	
58.0%	57.4	57.7	0.3	0.6%	
59.3%	57.4	57.6	0.3	0.5%	
60.5%	57.3	57.5	0.2	0.3%	
61.7%	57.2	57.3	0.2	0.3%	
63.0%	57.1	57.2	0.1	0.2%	
64.2%	57.0	57.2	0.2	0.3%	
65.4%	57.0	57.2	0.2	0.4%	
66.7%	56.8	57.1	0.3	0.5%	
67.9%	56.8	57.0	0.2	0.4%	
69.1%	56.7	56.8	0.1	0.2%	
70.4%	56.5	56.7	0.1	0.2%	
71.6%	56.4	56.6	0.2	0.4%	
72.8%	56.3	56.4	0.1	0.2%	
74.1%	56.3	56.3	0.0	0.0%	
75.3%	56.2	56.3	0.0	0.1%	
76.5%	56.0	56.2	0.3	0.5%	
77.8%	55.5	55.6	0.2	0.3%	
79.0%	55.4	55.6	0.2	0.4%	
80.2%	55.3				

Table SQ-11-9b
Sacramento River at Knights Landing, Monthly Temperature
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	71.3	71.1	-0.2	-0.3%	
1.2%	70.9	70.6	-0.3	-0.5%	
2.5%	70.9	70.4	-0.5	-0.4%	
3.7%	70.0	70.1	0.1	0.0%	
4.9%	70.0	70.0	0.0	0.0%	
6.2%	70.0	69.9	-0.1	-0.2%	
7.4%	69.9	69.8	-0.2	-0.2%	
8.6%	69.7	69.7	0.0	0.0%	
9.9%	69.7	69.5	-0.2	-0.3%	
11.1%	69.6	69.3	-0.3	-0.5%	
12.3%	69.4	69.1	-0.3	-0.5%	
13.6%	69.4	69.0	-0.3	-0.5%	
14.8%	69.3	69.0	-0.3	-0.5%	
16.0%	69.2	68.8	-0.4	-0.5%	
17.3%	69.1	68.8	-0.4	-0.6%	
18.5%	69.0	68.7	-0.4	-0.6%	
19.8%	69.1	68.7	-0.5	-0.7%	
21.0%	69.0	68.6	-0.4	-0.6%	
22.2%	69.0	68.6	-0.4	-0.6%	
23.5%	68.9	68.5	-0.4	-0.6%	
24.7%	68.9	68.3	-0.6	-0.8%	
25.9%	68.8	68.2	-0.6	-0.8%	
27.2%	68.8	68.2	-0.6	-0.8%	
28.4%	68.7	68.2	-0.5	-0.8%	
29.6%	68.7	68.1	-0.6	-0.8%	
30.9%	68.7	68.1	-0.6	-0.8%	
32.1%	68.6	68.0	-0.6	-0.9%	
33.3%	68.6	67.8	-0.7	-1.0%	
34.5%	68.5	67.8	-0.7	-1.0%	
35.8%	68.4	67.8	-0.7	-1.0%	
37.0%	68.4	67.7	-0.6	-0.9%	
38.3%	67.9	67.7	-0.3	-0.4%	
39.5%	67.9	67.6	-0.2	-0.3%	
40.7%	67.8	67.6	-0.2	-0.3%	
42.0%	67.8	67.5	-0.2	-0.3%	
43.2%	67.7	67.5	-0.2	-0.3%	
44.4%	67.7	67.5	-0.2	-0.3%	
45.7%	67.7	67.4	-0.2	-0.3%	
46.9%	67.6	67.4	-0.2	-0.3%	
48.1%	67.6	67.4	-0.2	-0.3%	
49.4%	67.5	67.4	-0.2	-0.3%	
50.6%	67.5	67.3	-0.2	-0.3%	
51.9%	67.5	67.3	-0.1	-0.2%	
53.1%	67.5	67.3	-0.2	-0.3%	
54.3%	67.4	67.3	-0.1	-0.2%	
55.6%	67.3	67.2	-0.1	-0.1%	
56.8%	67.2	67.2	0.0	0.0%	
58.0%	67.2	67.2	0.0	0.0%	
59.3%	67.1	67.2	0.0	0.0%	
60.5%	67.1	67.1	0.0	0.1%	
61.7%	67.1	67.1	0.0	0.1%	
63.0%	67.1	67.0	0.0	0.0%	
64.2%	67.0	67.0	0.0	0.0%	
65.4%	67.0	67.0	0.0	0.0%	
66.7%	67.0	67.0	0.0	-0.1%	
67.9%	66.9	66.8	-0.1	-0.2%	
69.1%	66.8	66.8	0.0	0.0%	
70.4%	66.8	66.8	-0.1	-0.1%	
71.6%	66.7	66.7	0.1	0.1%	
72.8%	66.6	66.7	0.1	0.2%	
74.1%	66.6	66.7	0.1	0.2%	
75.3%	66.5	66.6	0.1	0.1%	
76.5%	66.5	66.5	-0.1	-0.1%	
77.8%	66.5	66.4	-0.1	-0.1%	
79.0%	66.5	66.4	-0.1	-0.1%	
80.2%	66.4	66.4	0.0	-0.1%	
81.5%	66.3	66.3	0.0	-0.1%	
82.7%	66.3	66.2	0.0	0.0%	
84.0%	66.3	66.1	-0.1	-0.2%	
85.2%	66.2	66.9	-0.3	-1.4%	
86.4%	66.1	66.9	-0.2	-0.3%	
87.7%	66.1	66.7	-0.4	-0.6%	
88.9%	65.9	66.6	-0.3	-0.5%	
90.1%	65.6	65.4	-0.2	-0.3%	
91.4%	65.3	65.3	0.0	-0.1%	
92.6%	65.2	65.1	0.0	0.0%	
93.8%	65.1	64.7	-0.4	-0.5%	
95.1%	65.0	64.6	-0.4	-0.6%	
96.3%	64.9	64.5	-0.4	-0.4%	
97.5%	64.2	64.2	0.0	0.0%	
98.8%	64.1	63.9	-0.2	-0.3%	
100.0%	63.5	63.5	0.0	-1.2%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	75.5	74.4	-1.1	-1.4%	
1.2%	73.9	73.3	-0.6	-0.8%	
2.5%	73.2	72.9	-0.3	-0.4%	
3.7%	73.0	72.5	-0.5	-0.7%	
4.9%	72.8	72.4	-0.4	-0.6%	
6.2%	72.7	72.4	-0.3	-0.5%	
7.4%	72.5	72.1	-0.4	-0.5%	
8.6%	72.3	71.9	-0.4	-0.6%	
9.9%	72.2	71.9	-0.3	-0.5%	
11.1%	72.0	71.8	-0.2	-0.2%	
12.3%	71.9	71.7	-0.3	-0.4%	
13.6%	71.9	71.5	-0.4	-0.6%	
14.8%	71.7	71.4	-0.3	-0.5%	
16.0%	71.7	71.3	-0.4	-0.5%	
17.3%	71.7	71.2	-0.5	-0.7%	
18.5%	71.7	71.0	-0.7	-0.9%	
19.8%	71.5	71.0	-0.6	-0.8%	
21.0%	71.5	71.0	-0.5	-0.7%	
22.2%	71.5	70.8	-0.6	-0.9%	
23.5%	71.4	70.6	-0.8	-1.1%	
24.7%	71.3	70.5	-0.8	-1.1%	
25.9%	71.3	70.5	-0.8	-1.2%	
27.2%	71.3	70.5	-0.8	-1.1%	
28.4%	71.2	70.4	-0.8	-1.1%	
29.6%	71.1	70.4	-0.7	-1.0%	
30.9%	71.1	70.4	-0.7	-1.0%	
32.1%	71.0	70.3	-0.7	-1.0%	
33.3%	71.0	70.3	-0.7	-1.0%	
34.5%	70.9	70.3	-0.7	-0.9%	
35.8%	70.9	70.3	-0.7	-0.9%	
37.0%	70.9	70.3	-0.6	-0.9%	
38.3%	70.8	70.3	-0.5	-0.7%	
39.5%	70.7	70.2	-0.5	-0.7%	
40.7%	70.7	70.2	-0.4	-0.6%	
42.0%	70.6	70.2	-0.4	-0.5%	
43.2%	70.5	70.2	-0.3	-0.4%	
44.4%	70.4	70.1	-0.3	-0.5%	
45.7%	70.3	70.0	-0.4	-0.6%	
46.9%	70.3	69.9	-0.4	-0.6%	
48.1%	70.2	69.9	-0.3	-0.5%	
49.4%	70.2	69.9	-0.3	-0.4%	
50.6%	70.2	69.9	-0.3	-0.4%	
51.9%	70.1	69.8	-0.3	-0.4%	
53.1%	70.1	69.8	-0.3	-0.4%	
54.3%	70.0	69.8	-0.2	-0.3%	
55.6%	70.0	69.7	-0.2	-0.3%	
56.8%	69.9	69.7	-0.3	-0.4%	
58.0%	69.9	69.6	-0.3	-0.5%	
59.3%	69.9	69.6	-0.3	-0.4%	
60.5%	69.8	69.5	-0.3	-0.4%	
61.7%	69.8	69.5	-0.4	-0.5%	
63.0%	69.8	69.4	-0.4	-0.6%	
64.2%	69.8	69.3	-0.5	-0.7%	
65.4%	69.8	69.3	-0.5	-0.7%	
66.7%	69.8	69.2	-0.5	-0.8%	
67.9%	69.8	69.0	-0.7	-1.0%	
69.1%	69.7	69.0	-0.7	-1.0%	
70.4%	69.6	68.9	-0.7	-1.0%	
71.6%	69.6	68.9	-0.7	-1.0%	
72.8%	69.5	68.8	-0.7	-1.0%	
74.1%	69.4	68.8	-0.6	-0.9%	
75.3%	69.4	68.7	-0.7	-1.0%	
76.5%	69.4	68.5	-0.9	-1.3%	
77.8%	69.4	68.5	-0.9	-1.3%	
79.0%	69.4	68.5	-0.9	-1.3%	
80.2%	69.3	68.4	-0.9	-1.3%	
81.5%	69.1	68.4	-0.8	-1.1%	
82.7%	68.9	68.3	-0.6	-0.9%	
84.0%	68.9	68.2	-0.7	-1.0%	
85.2%	68.9	68.1	-0.7	-1.1%	
86.4%	68.6	68.0	-0.6	-0.9%	
87.7%	68.4	68.0	-0.4	-0.7%	
88.9%	68.5	67.9	-0.5	-0.8%	
90.1%	68.2	67.7	-0.4	-0.6%	
91.4%	67.9	67.6	-0.3	-0.4%	
92.6%	67.9	67.5	-0.4	-0.5%	
93.8%	67.6	67.2	-0.5	-0.7%	
95.1%	67.5	67.1	-0.4	-0.6%	
96.3%	67.5	67.1	-0.4	-0.6%	
97.5%	66.9	66.5	-0.4	-0.6%	
98.8%	66.9	66.2	-0.7	-1.0%	
100.0%	66.8	66.0	-0.8	-1.2%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	74.4	73.7	-0.7	-0.9%	
1.2%	74.3	73.2	-1.1	-1.5%	
2.5%	74.2	72.4	-1.9	-2.5%	
3.7%	73.8	72.2	-1.6	-2.2%	
4.9%	73.6	72.2	-1.4	-2.0%	
6.2%	72.7	72.1	-0.6	-0.8%	
7.4%	72.6	71.8	-0.8	-1.1%	
8.6%	72.3	71.6	-0.7	-0.9%	
9.9%	71.7	71.6	-0.2	-0.2%	
11.1%	71.6	71.5	-0.1	-0.1%	
12.3%	71.5	71.3	-0.2	-0.3%	
13.6%	71.5	71.2	-0.3	-0.4%	
14.8%	71.4	71.2	-0.2	-0.3%	
16.0%	71.4	71.2	-0.2	-0.3%	
17.3%	71.4	71.0	-0.4	-0.6%	
18.5%	71.4	70.9	-0.5	-0.7%	
19.8%	71.4	70.9	-0.5	-0.7%	
21.0%	71.4	70.9	-0.5	-0.7%	
22.2%	71.4	70.8	-0.6	-0.9%	
23.5%	71.4	70.7	-0.6	-0.9%	
24.7%	71.2	70.7	-0.5	-0.7%	
25.9%	71.1	70.4	-0.7	-1.0%	
27.2%	71.0	70.7	-0.3	-0.5%	
28.4%	71.0	70.6	-0.4	-0.5%	
29.6%	71.0	70.6	-0.4	-0.6%	
30.9%	71.0	70.6	-0.4	-0.5%	
32.1%	70.9	70.5	-0.4	-0.5%	
33.3%	70.8	70.4	-0.4	-0.5%	
34.5%	70.7	70.4	-0.3	-0.4%	
35.8%	70.7	70.4	-0.3	-0.4%	
37.0%	70.7	70.4	-0.3	-0.4%	
38.3%	70.7	70.3	-0.3	-0.4%	
39.5%	70.5	70.3	-0.2	-0.2%	
40.7%	70.4	70.2	-0.2	-0.2%	
42.0%	70.4	70.2	-0.2	-0.3%	
43.2%	70.4	70.0	-0.4	-0.5%	
44.4%	70.3	70.0	-0.3	-0.5%	
45.7%	70.3	70.0	-0.3	-0.4%	
46.9%	70.3	70.0	-0.3	-0.4%	
48.1%	70.2	70.0	-0.3	-0.4%	
49.4%	70.2	70.0	-0.3	-0.4%	
50.6%	70.2	69.9	-0.3	-0.4%	
51.9%	70.1	69.8	-0.3	-0.5%	
53.1%	70.1	69.8	-0.3	-0.5%	
54.3%	70.0	69.8	-0.3	-0.4%	
55.6%	70.0	69.7	-0.3	-0.4%	
56.8%	70.0	69.7	-0.3	-0.4%	
58.0%	69.9	69.6	-0.4	-0.6%	
59.3%	69.8	69.5	-0.3	-0.5%	
60.5%	69.7	69.4	-0.2	-0.3%	
61.7%	69.5	69.3	-0.1	-0.2%	
63.0%	69.4	69.3	-0.1	-0.2%	
64.2%	69.4	69.2	-0.1	-0.2%	
65.4%	69.4	69.1	-0.2	-0.3%	
66.7%	69.3	69.1	-0.2	-0.3%	
67.9%	69.2	69.1	-0.1	-0.2%	
69.1%	69.2	68.9	-0.3	-0.4%	
70.4%	69.1	68.8	-0.2	-0.3%	
71.6%	69.0	68.8	-0.2	-0.3%	
72.8%	69.0	68.7	-0.2	-0.4%	
74.1%	69.0	68.7	-0.2	-0.4%	
75.3%	68.9	68.7	-0.3	-0.4%	
76.5%	68.9	68.7	-0.1	-0.1%	
77.8%	68.4	68.6	0.2	0.3%	
79.0%	68.3	68.6	0.3	0.4%	
80.2%	68.2				

Table SQ-12-9a
Sacramento River at American River, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	61.0	53.2	45.9	45.0	49.6	54.4	60.6	66.0	70.2	72.2	71.8	67.9
Alternative D	61.0	53.2	45.9	45.0	49.7	54.6	60.7	66.0	70.4	72.2	71.8	67.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	-0.1
Percent Difference ³	-0.1%	0.1%	0.2%	0.1%	0.1%	0.2%	0.1%	0.0%	0.3%	0.0%	0.0%	-0.1%
Water Year Types ²												
Wet (32%)												
No Action Alternative	60.5	53.7	46.4	45.8	49.5	53.3	58.5	64.2	68.8	72.3	71.7	66.0
Alternative D	60.4	53.8	46.5	45.9	49.5	53.3	58.5	64.2	68.8	72.3	71.9	65.9
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1
Percent Difference	-0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.1%
Above Normal (15%)												
No Action Alternative	60.4	52.1	45.7	45.1	49.4	54.0	60.5	66.2	70.4	71.3	70.9	66.9
Alternative D	60.2	52.1	45.7	45.2	49.4	54.1	60.5	66.2	70.6	71.1	71.0	66.9
Difference	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	-0.2	0.1	0.0
Percent Difference	-0.3%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	-0.2%	0.2%	0.0%
Below Normal (17%)												
No Action Alternative	60.8	53.1	45.9	44.3	48.9	54.5	61.0	66.0	70.4	71.8	71.9	69.3
Alternative D	60.6	53.2	46.0	44.4	48.9	54.7	61.0	66.0	70.7	71.8	72.0	69.2
Difference	-0.1	0.1	0.1	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.1	-0.1
Percent Difference	-0.2%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	0.1%	0.4%	0.0%	0.1%	-0.2%
Dry (22%)												
No Action Alternative	61.2	53.1	45.8	44.1	49.6	55.1	61.9	67.2	71.5	71.9	71.4	69.0
Alternative D	61.2	53.2	45.9	44.2	49.6	55.4	62.0	67.1	71.8	72.0	71.4	69.0
Difference	0.0	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.3	0.1	0.0	0.0
Percent Difference	0.0%	0.2%	0.2%	0.1%	0.1%	0.4%	0.1%	0.0%	0.5%	0.2%	0.0%	0.0%
Critical (15%)												
No Action Alternative	62.9	52.9	44.7	44.7	50.8	55.9	62.8	67.6	70.6	73.6	73.3	69.9
Alternative D	63.0	52.9	44.8	44.8	51.0	56.1	62.9	67.7	70.9	73.7	72.7	69.7
Difference	0.1	0.0	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.1	-0.5	-0.2
Percent Difference	0.2%	0.0%	0.1%	0.2%	0.3%	0.3%	0.2%	0.2%	0.3%	0.2%	-0.8%	-0.2%

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 SQ-12-9b
 Sacramento River at American River, Monthly Temperature
 Probability of Exceedance

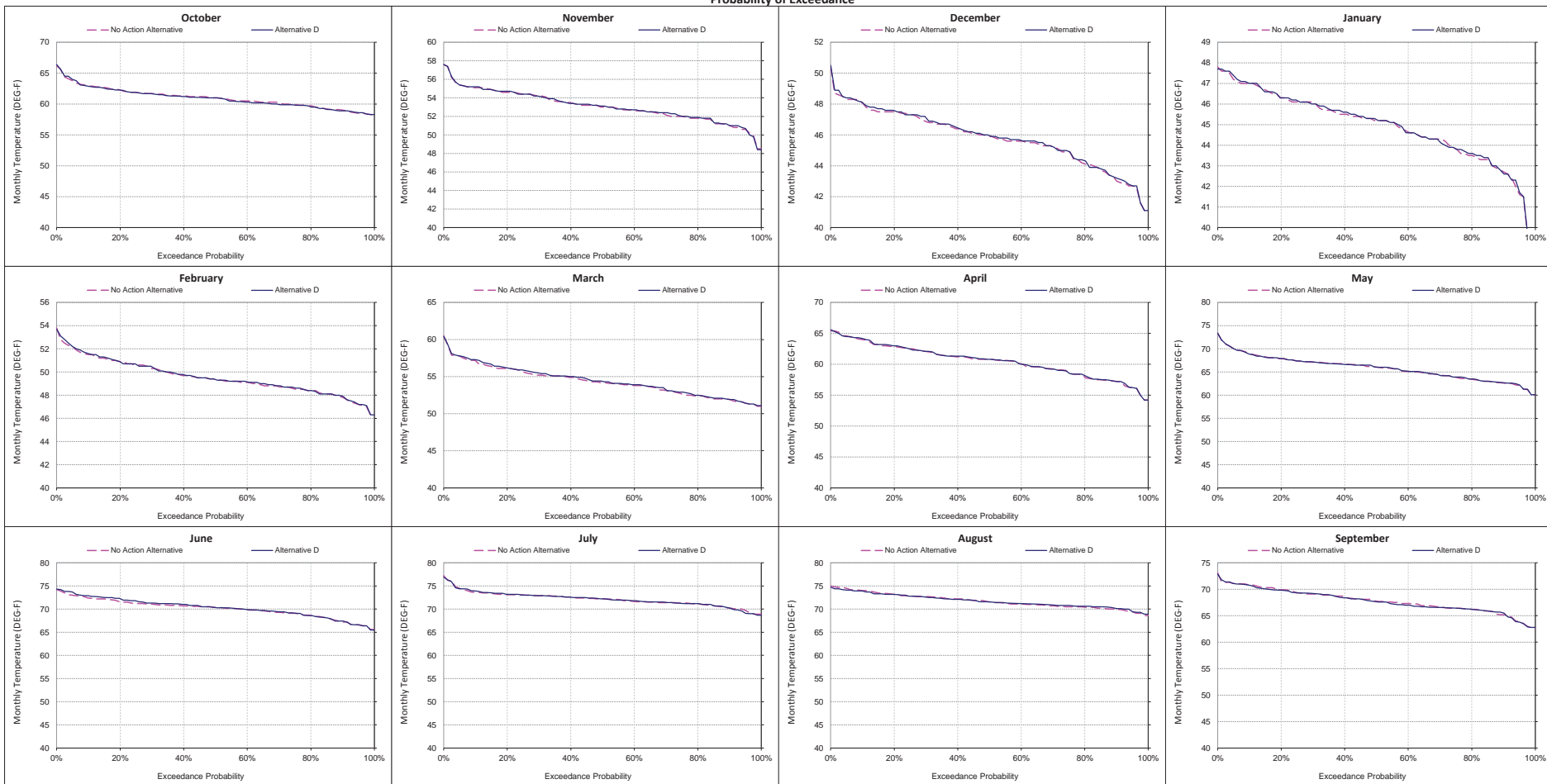


Table SQ-13-9a
 Sacramento River at Feather River, Monthly Temperature
 Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	60.6	52.4	45.6	44.8	49.5	54.2	60.5	66.0	70.3	72.1	71.6	67.6
Alternative D	60.6	52.4	45.6	44.9	49.6	54.3	60.6	66.1	70.5	72.1	71.7	67.5
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	-0.1	0.1	-0.1
Percent Difference ²	-0.1%	0.0%	0.1%	0.1%	0.1%	0.3%	0.1%	0.1%	0.3%	-0.1%	0.1%	-0.1%
Water Year Types²												
Wet (32%)												
No Action Alternative	60.1	52.9	46.1	45.8	49.5	53.1	58.4	64.3	69.3	72.4	71.5	65.4
Alternative D	60.0	52.8	46.2	45.8	49.5	53.1	58.4	64.4	69.3	72.3	72.0	65.3
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.4	-0.1
Percent Difference	-0.2%	-0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	0.6%	-0.2%
Above Normal (15%)												
No Action Alternative	60.1	51.4	45.4	44.9	49.3	53.8	60.4	66.4	70.5	71.2	70.6	66.5
Alternative D	59.9	51.4	45.5	44.9	49.3	54.0	60.5	66.4	70.7	71.0	70.8	66.5
Difference	-0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	-0.3	0.2	0.0
Percent Difference	-0.3%	0.1%	0.0%	0.1%	0.1%	0.2%	0.1%	0.1%	0.3%	-0.4%	0.3%	0.0%
Below Normal (17%)												
No Action Alternative	60.5	52.3	45.6	44.2	48.9	54.3	61.0	66.4	70.5	72.2	71.6	69.2
Alternative D	60.4	52.4	45.6	44.2	48.9	54.6	61.1	66.4	70.8	71.9	71.8	69.2
Difference	-0.2	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.3	-0.3	0.2	0.0
Percent Difference	-0.3%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	0.1%	0.5%	-0.4%	0.2%	-0.1%
Dry (22%)												
No Action Alternative	60.8	52.4	45.5	44.0	49.4	54.9	61.8	67.0	71.3	71.7	71.1	68.8
Alternative D	60.8	52.5	45.6	44.0	49.4	55.1	61.9	67.0	71.8	71.8	71.1	68.8
Difference	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.5	0.1	-0.1	0.0
Percent Difference	0.1%	0.1%	0.1%	0.1%	0.1%	0.4%	0.1%	0.0%	0.6%	0.2%	-0.1%	0.0%
Critical (15%)												
No Action Alternative	62.3	52.4	44.6	44.5	50.4	55.5	62.5	67.3	70.2	73.2	73.1	69.7
Alternative D	62.4	52.4	44.6	44.5	50.5	55.7	62.7	67.7	70.4	73.2	72.4	69.6
Difference	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.1	0.0	-0.6	-0.1
Percent Difference	0.1%	0.0%	0.1%	0.2%	0.3%	0.4%	0.3%	0.5%	0.2%	0.0%	-0.9%	-0.2%

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

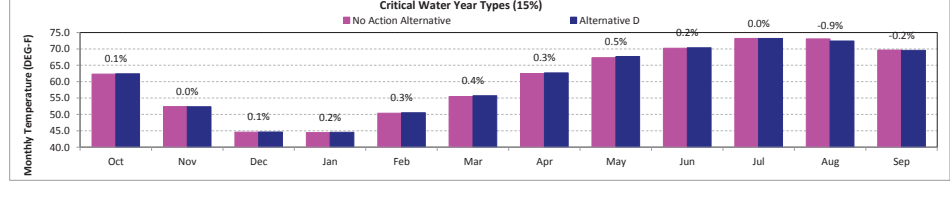
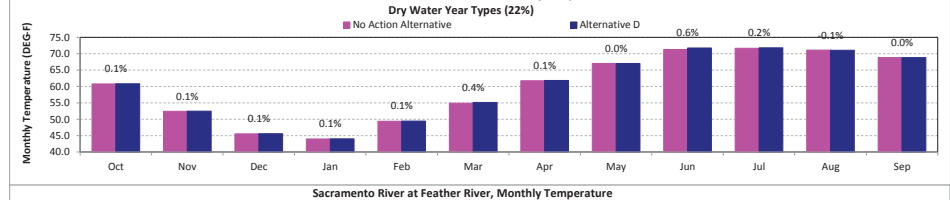
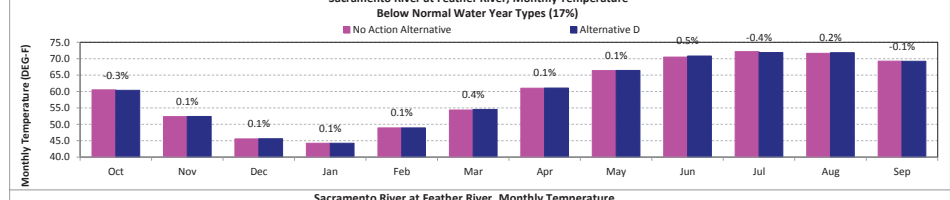
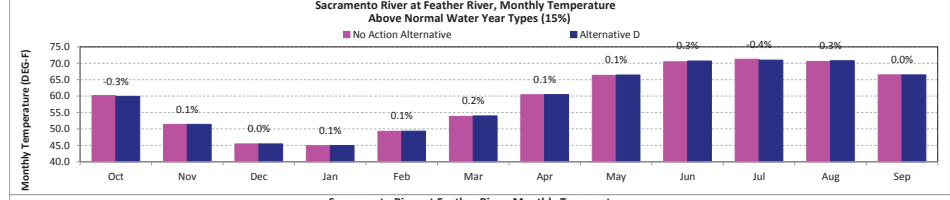
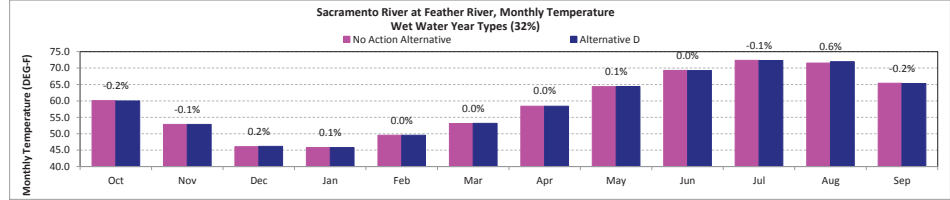
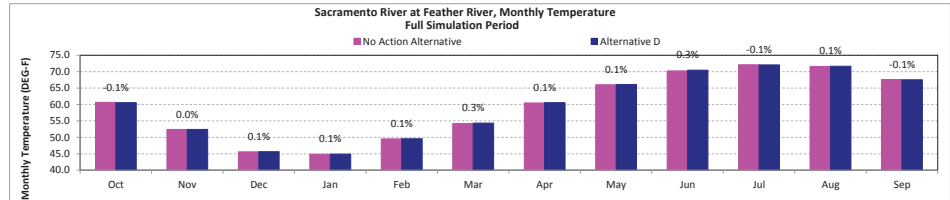


Figure SQ-13-9b
 Sacramento River at Feather River, Monthly Temperature
 Probability of Exceedance

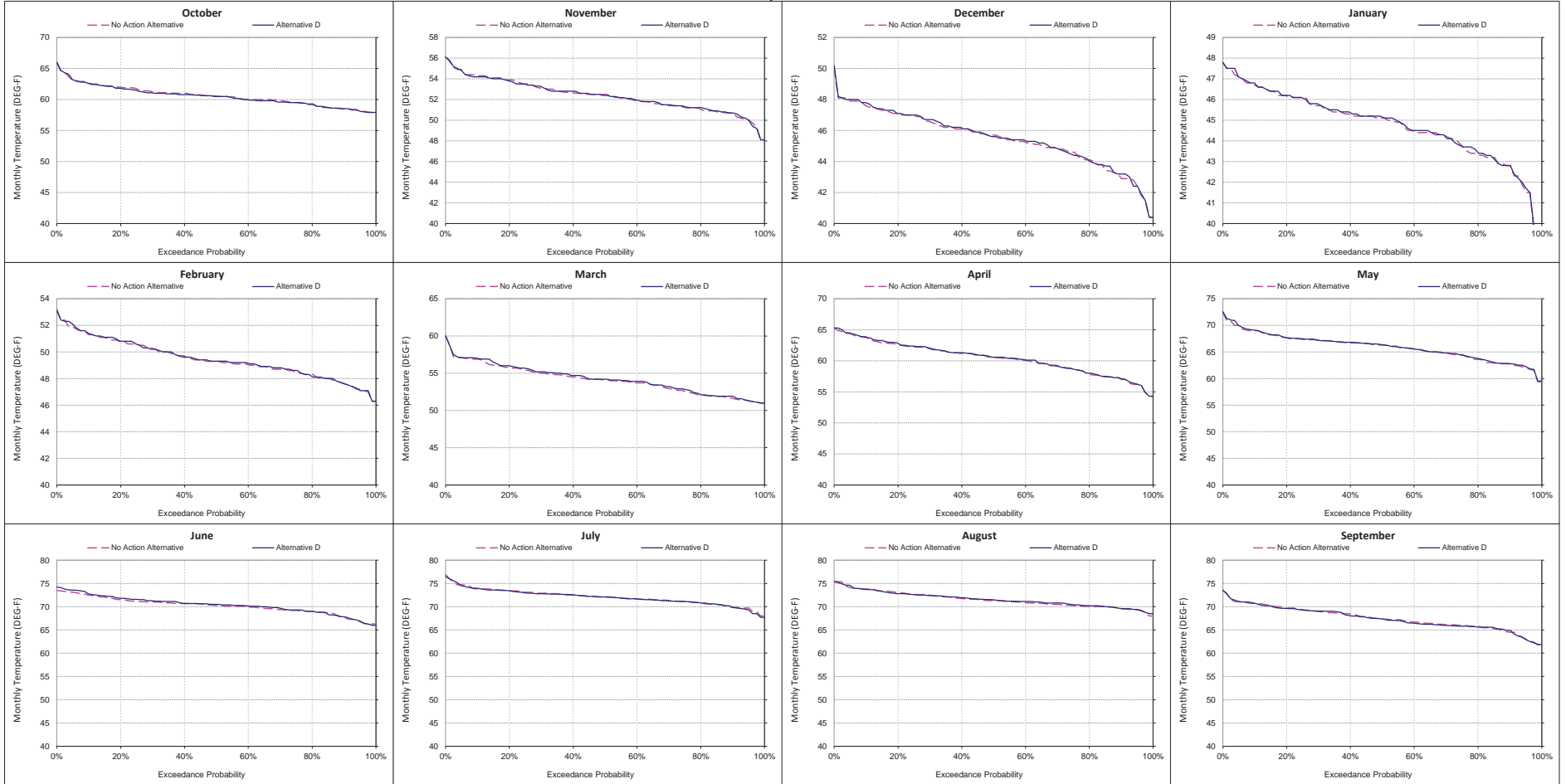


Table SQ-14-9a
Sacramento River at Freeport, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	61.2	53.2	45.8	45.0	49.7	54.5	60.7	66.2	70.4	72.5	72.0	68.1
Alternative D	61.2	53.2	45.9	45.0	49.7	54.7	60.8	66.2	70.6	72.5	72.1	68.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	-0.1
Percent Difference ³	-0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.2%	0.0%	0.0%	-0.1%
Water Year Types²												
Wet (32%)												
No Action Alternative	60.7	53.8	46.4	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.0	66.2
Alternative D	60.6	53.8	46.5	45.9	49.5	53.4	58.6	64.4	69.0	72.6	72.2	66.2
Difference	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	-0.1
Percent Difference	-0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	-0.1%
Above Normal (15%)												
No Action Alternative	60.5	52.1	45.6	45.1	49.5	54.1	60.6	66.4	70.6	71.5	71.1	67.1
Alternative D	60.4	52.1	45.7	45.2	49.5	54.2	60.6	66.4	70.8	71.4	71.2	67.1
Difference	-0.2	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.2	-0.2	0.1	0.0
Percent Difference	-0.3%	0.0%	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.2%	-0.2%	0.2%	0.1%
Below Normal (17%)												
No Action Alternative	60.9	53.1	45.9	44.3	49.0	54.6	61.2	66.2	70.7	72.1	72.2	69.4
Alternative D	60.8	53.2	45.9	44.3	49.0	54.8	61.2	66.2	70.9	72.1	72.2	69.3
Difference	-0.1	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.2	0.0	0.1	-0.1
Percent Difference	-0.2%	0.1%	0.1%	0.1%	0.1%	0.3%	0.0%	0.0%	0.3%	0.0%	0.1%	-0.2%
Dry (22%)												
No Action Alternative	61.4	53.2	45.8	44.2	49.7	55.3	62.0	67.3	71.7	72.2	71.6	69.1
Alternative D	61.4	53.3	45.9	44.2	49.7	55.5	62.1	67.3	72.1	72.3	71.7	69.1
Difference	0.0	0.1	0.1	0.0	0.1	0.2	0.1	0.0	0.3	0.1	0.0	0.0
Percent Difference	0.0%	0.1%	0.2%	0.0%	0.1%	0.4%	0.2%	0.0%	0.5%	0.2%	0.0%	0.0%
Critical (15%)												
No Action Alternative	63.0	52.9	44.7	44.8	51.0	56.1	62.9	67.7	70.9	73.9	73.4	70.0
Alternative D	63.2	52.9	44.7	44.8	51.1	56.2	63.0	67.8	71.1	74.0	72.9	69.8
Difference	0.2	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	-0.5	-0.1
Percent Difference	0.3%	0.0%	0.0%	0.2%	0.3%	0.3%	0.2%	0.1%	0.3%	0.2%	-0.7%	-0.2%

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

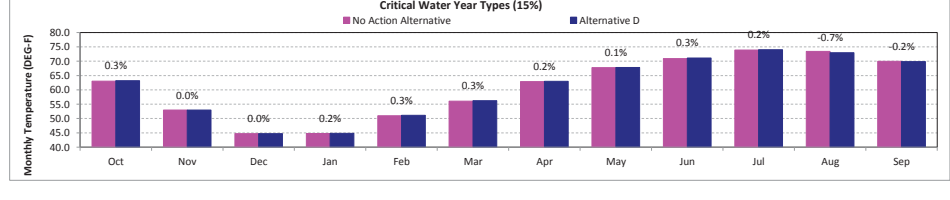
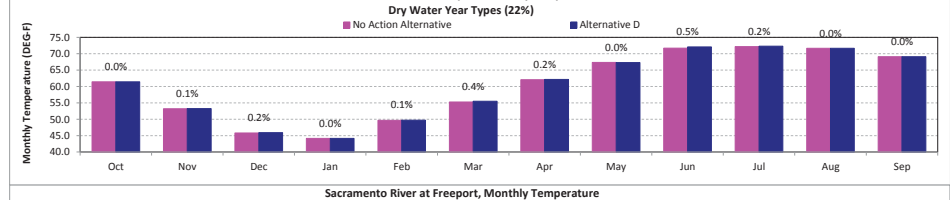
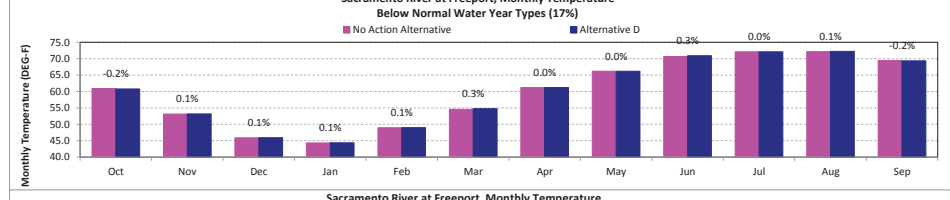
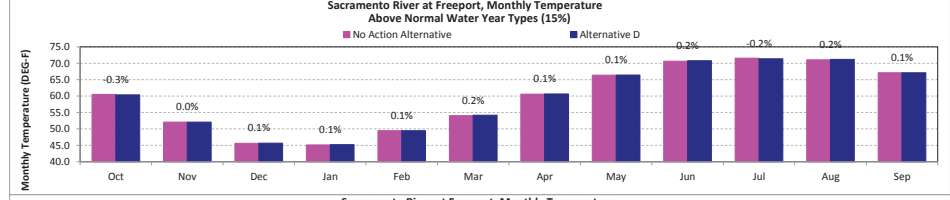
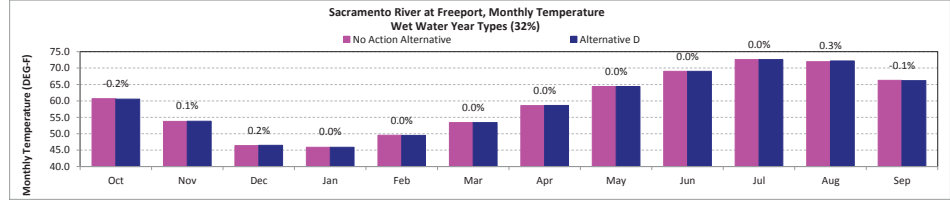
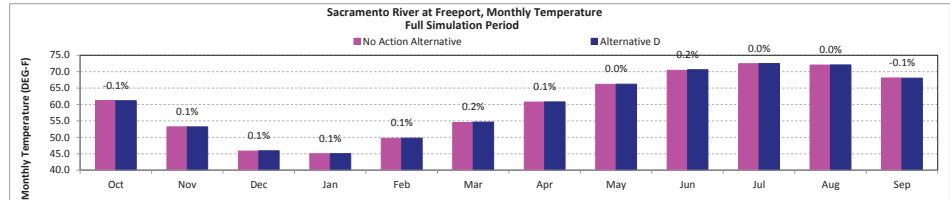


Figure SQ-14-9b
 Sacramento River at Freeport, Monthly Temperature
 Probability of Exceedance

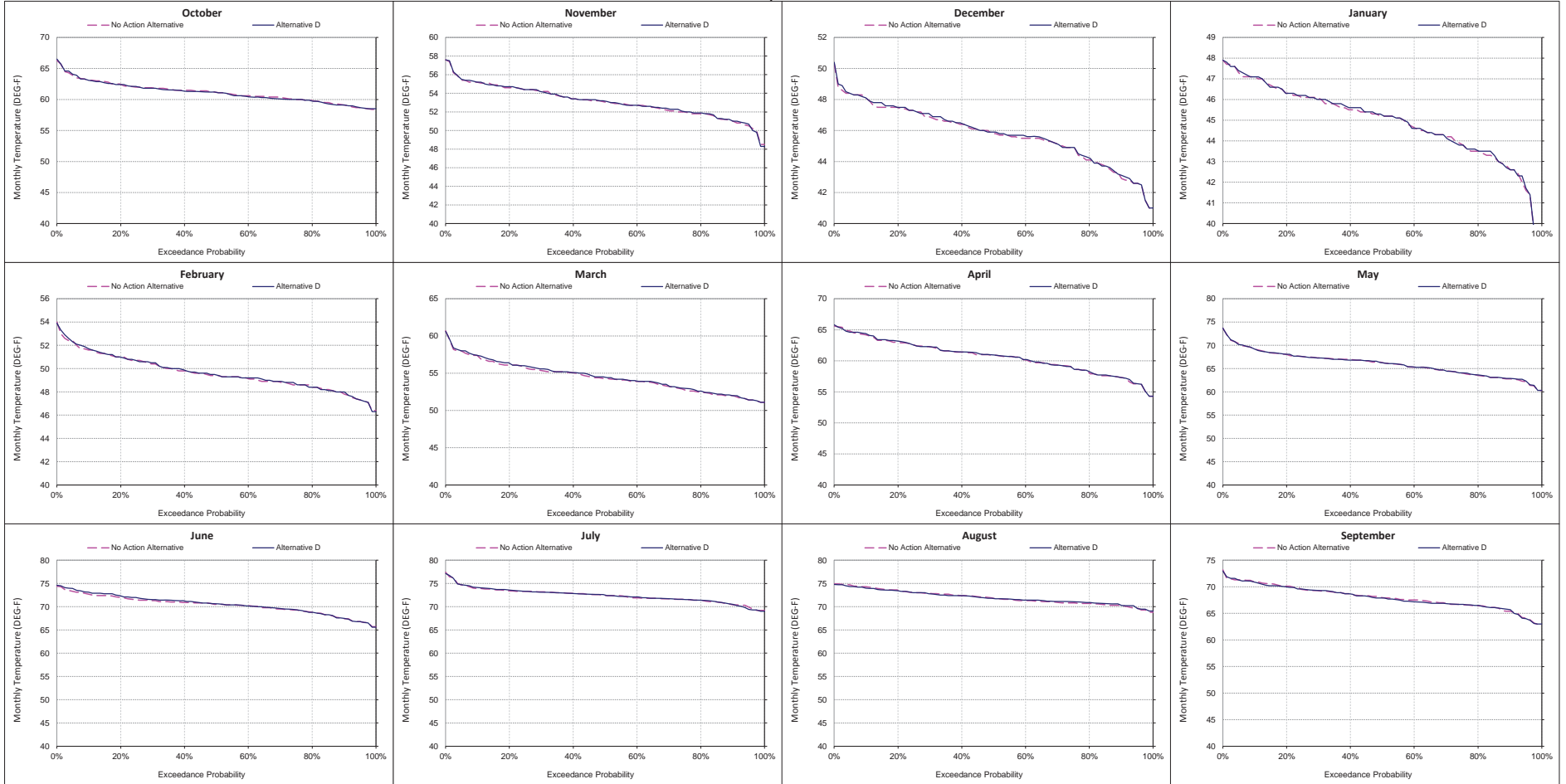


Table SQ-15-9a
Feather River below Fish Barrier Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	54.0	52.6	48.9	47.6	48.5	49.9	51.4	55.5	57.6	61.0	60.5	55.4
Alternative D	54.0	52.5	48.8	47.6	48.5	49.9	51.4	55.5	57.6	60.9	60.4	55.4
Difference	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Percent Difference	0.0%	-0.1%	-0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	-0.2%	-0.2%	0.0%
Water Year Types²												
Wet (32%)												
No Action Alternative	53.2	52.2	48.9	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.7	54.4
Alternative D	53.3	52.2	48.8	47.8	47.8	48.6	50.5	54.8	57.3	61.2	60.6	54.4
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
Percent Difference	0.2%	0.0%	-0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.2%	0.0%
Above Normal (15%)												
No Action Alternative	53.3	52.0	48.8	47.5	48.1	48.8	51.5	55.7	57.8	60.7	59.8	54.5
Alternative D	53.3	52.0	48.6	47.6	48.1	48.8	51.5	55.7	57.6	60.7	59.9	54.4
Difference	0.1	0.0	-0.3	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.1	-0.1
Percent Difference	0.1%	0.0%	-0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.0%	0.2%	-0.1%
Below Normal (17%)												
No Action Alternative	53.8	52.3	48.5	47.5	48.4	50.3	52.0	55.9	57.8	60.8	59.9	55.6
Alternative D	54.0	52.3	48.4	47.5	48.5	50.1	52.1	56.0	57.7	60.8	60.1	55.7
Difference	0.1	0.0	-0.1	0.0	0.0	-0.2	0.0	0.0	-0.1	0.0	0.1	0.1
Percent Difference	0.2%	0.0%	-0.1%	0.1%	0.1%	-0.4%	0.1%	0.0%	-0.2%	0.0%	0.2%	0.2%
Dry (22%)												
No Action Alternative	54.3	52.8	49.0	47.5	48.9	51.1	51.9	55.7	57.7	60.8	60.2	55.9
Alternative D	54.2	52.7	48.9	47.5	49.0	51.4	52.0	55.8	57.9	60.8	59.9	55.6
Difference	0.0	-0.1	-0.2	0.0	0.0	0.3	0.0	0.1	0.2	0.1	-0.3	-0.3
Percent Difference	-0.1%	-0.2%	-0.4%	0.0%	0.1%	0.5%	0.0%	0.1%	0.3%	0.1%	-0.5%	-0.6%
Critical (15%)												
No Action Alternative	56.2	54.0	49.5	47.4	49.2	51.3	51.5	55.9	57.7	61.6	61.8	57.2
Alternative D	56.0	53.7	49.2	47.4	49.1	51.2	51.6	55.9	58.0	60.9	61.3	57.7
Difference	-0.2	-0.3	-0.3	0.0	-0.1	-0.1	0.1	0.0	0.3	-0.7	-0.6	0.4
Percent Difference	-0.4%	-0.6%	-0.6%	-0.1%	-0.2%	-0.3%	0.2%	0.1%	0.5%	-1.1%	-0.9%	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

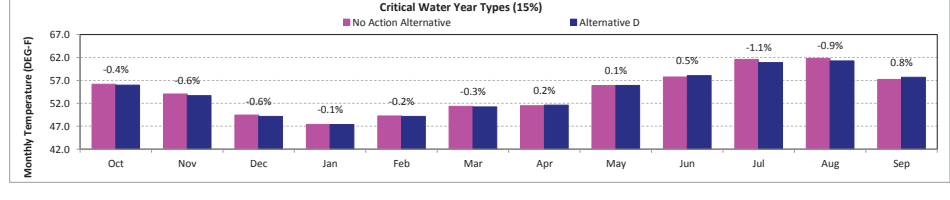
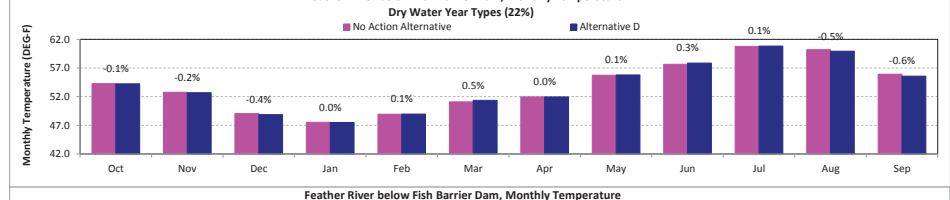
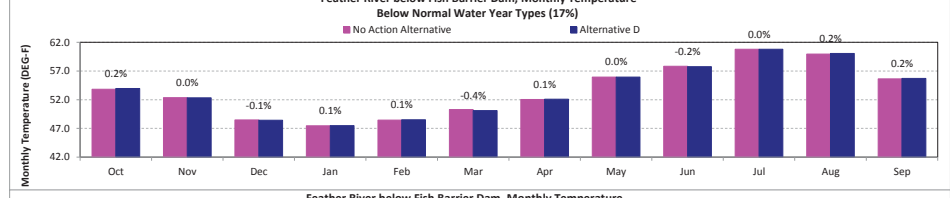
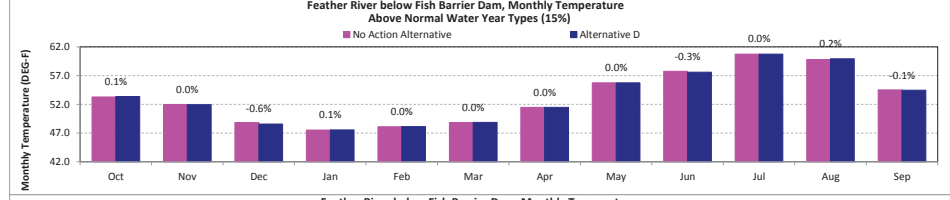
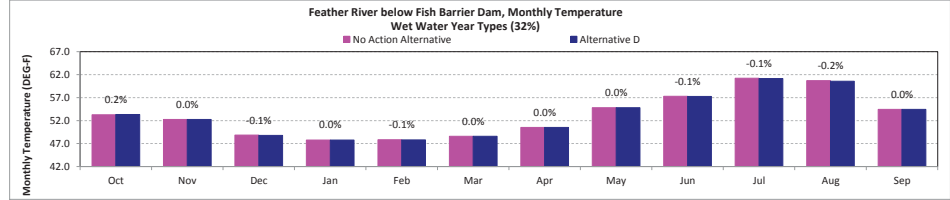
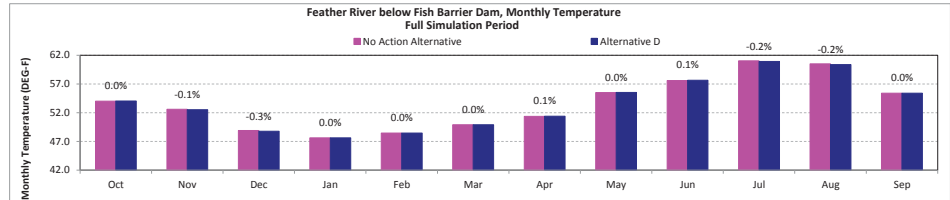


Figure SQ-15-9b
Feather River below Fish Barrier Dam, Monthly Temperature
Probability of Exceedance

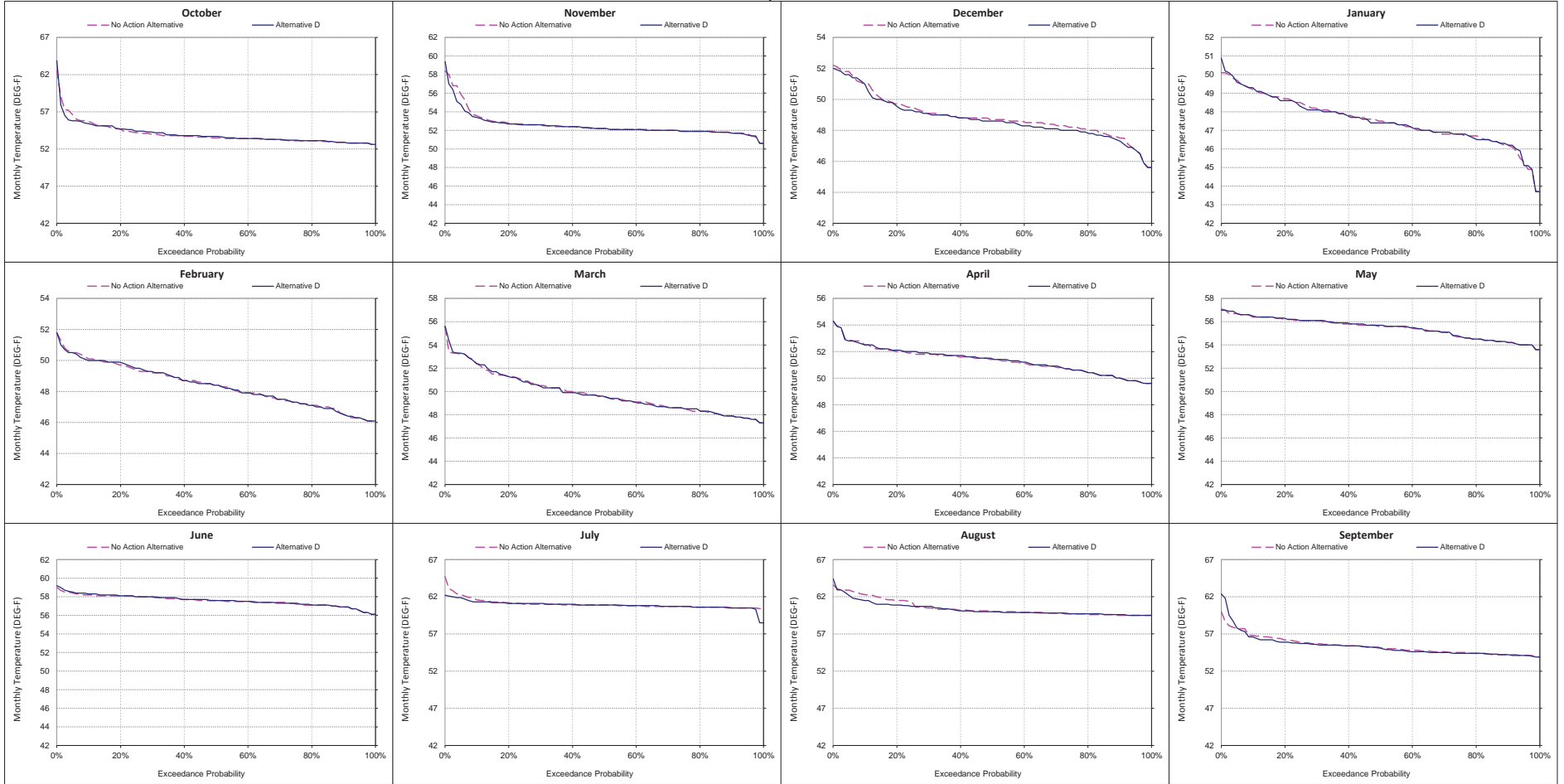


Table SQ-16-9a
Feather River below Thermalito Afterbay, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	58.8	53.0	47.1	46.5	49.7	53.0	56.5	62.2	67.0	68.7	68.7	62.8
Alternative D	58.9	53.0	47.0	46.5	49.7	53.0	56.6	62.1	67.2	68.7	68.7	62.9
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	0.0	0.1
Percent Difference ²	0.1%	0.0%	-0.3%	0.1%	0.0%	0.0%	0.1%	-0.1%	0.2%	0.0%	0.0%	0.1%
Water Year Types ²												
Wet (32%)												
No Action Alternative	58.4	53.1	47.3	47.1	49.0	51.2	55.0	60.5	65.5	69.4	69.5	60.8
Alternative D	58.5	53.1	47.2	47.2	48.9	51.3	55.0	60.5	65.6	69.4	69.9	60.6
Difference	0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-0.2
Percent Difference	0.1%	0.0%	-0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.5%	-0.4%
Above Normal (15%)												
No Action Alternative	58.4	51.9	46.7	46.6	49.4	52.6	57.1	62.7	67.3	67.6	67.3	61.3
Alternative D	58.5	51.9	46.5	46.6	49.5	52.6	57.1	62.7	67.5	67.6	67.6	61.1
Difference	0.0	0.0	-0.2	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.3	-0.2
Percent Difference	0.1%	0.0%	-0.4%	0.1%	0.1%	0.1%	0.0%	0.0%	0.3%	0.0%	0.4%	-0.3%
Below Normal (17%)												
No Action Alternative	59.4	53.1	46.5	46.2	49.6	53.7	57.4	62.6	67.4	68.0	68.0	65.2
Alternative D	59.4	53.1	46.4	46.1	49.6	53.7	57.4	62.6	67.7	68.0	68.4	65.3
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	-0.1	0.3	0.1	0.4	0.1
Percent Difference	0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.1%	-0.1%	0.4%	0.1%	0.6%	0.2%
Dry (22%)												
No Action Alternative	59.1	53.2	47.5	45.7	50.1	54.5	57.3	62.9	68.1	67.9	67.5	63.8
Alternative D	59.3	53.2	47.4	45.7	50.1	54.3	57.5	62.7	68.3	68.2	67.4	64.3
Difference	0.2	0.1	-0.1	0.0	0.0	-0.1	0.1	-0.1	0.2	0.3	-0.1	0.6
Percent Difference	0.4%	0.1%	-0.2%	0.1%	0.1%	-0.3%	0.2%	-0.2%	0.3%	0.4%	-0.2%	0.9%
Critical (15%)												
No Action Alternative	59.2	53.8	47.4	46.2	50.8	53.9	57.0	63.3	67.7	70.2	70.6	64.1
Alternative D	59.0	53.6	47.0	46.3	50.7	54.0	57.0	63.0	67.9	69.9	69.4	64.3
Difference	-0.2	-0.2	-0.4	0.1	-0.1	0.1	0.0	-0.2	0.2	-0.3	-1.2	0.2
Percent Difference	-0.3%	-0.3%	-0.8%	0.2%	-0.1%	0.1%	0.0%	-0.4%	0.3%	-0.4%	-1.7%	0.3%

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

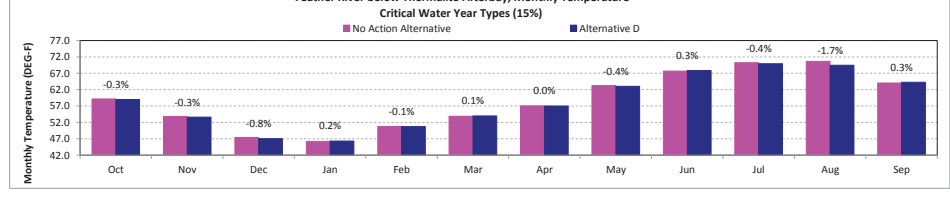
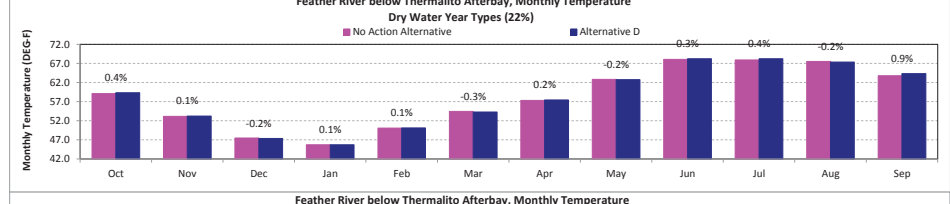
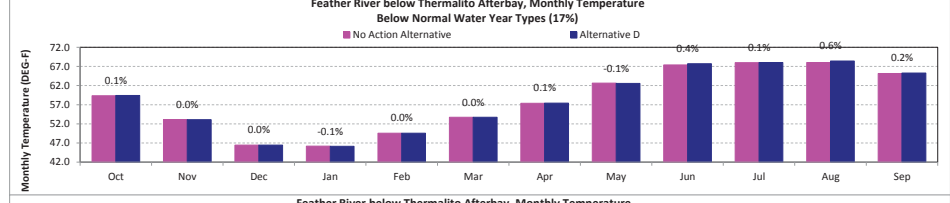
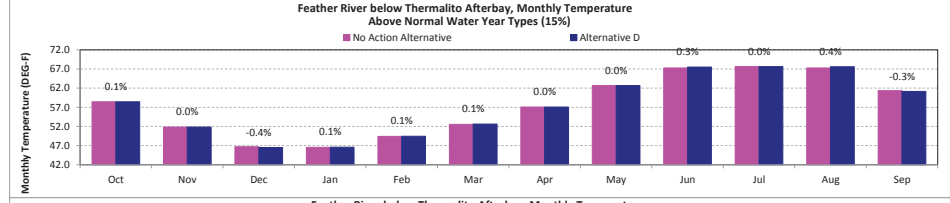
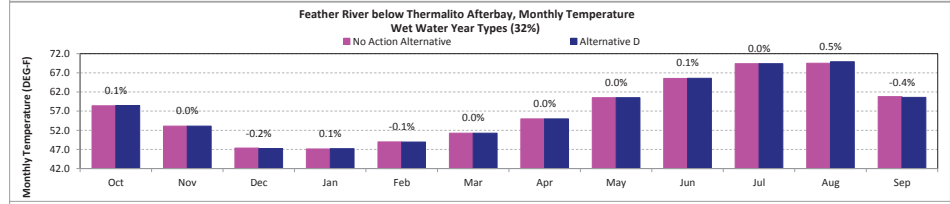
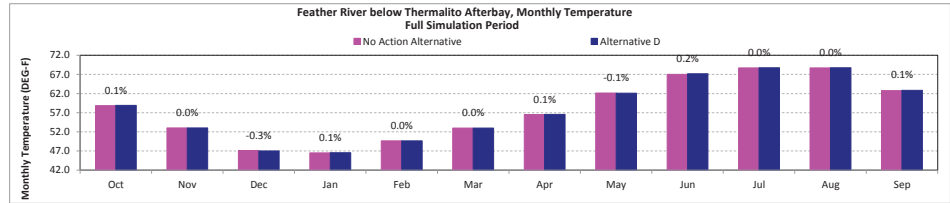


Figure SQ-16-9b
 Feather River below Thermalito Afterbay, Monthly Temperature
 Probability of Exceedance

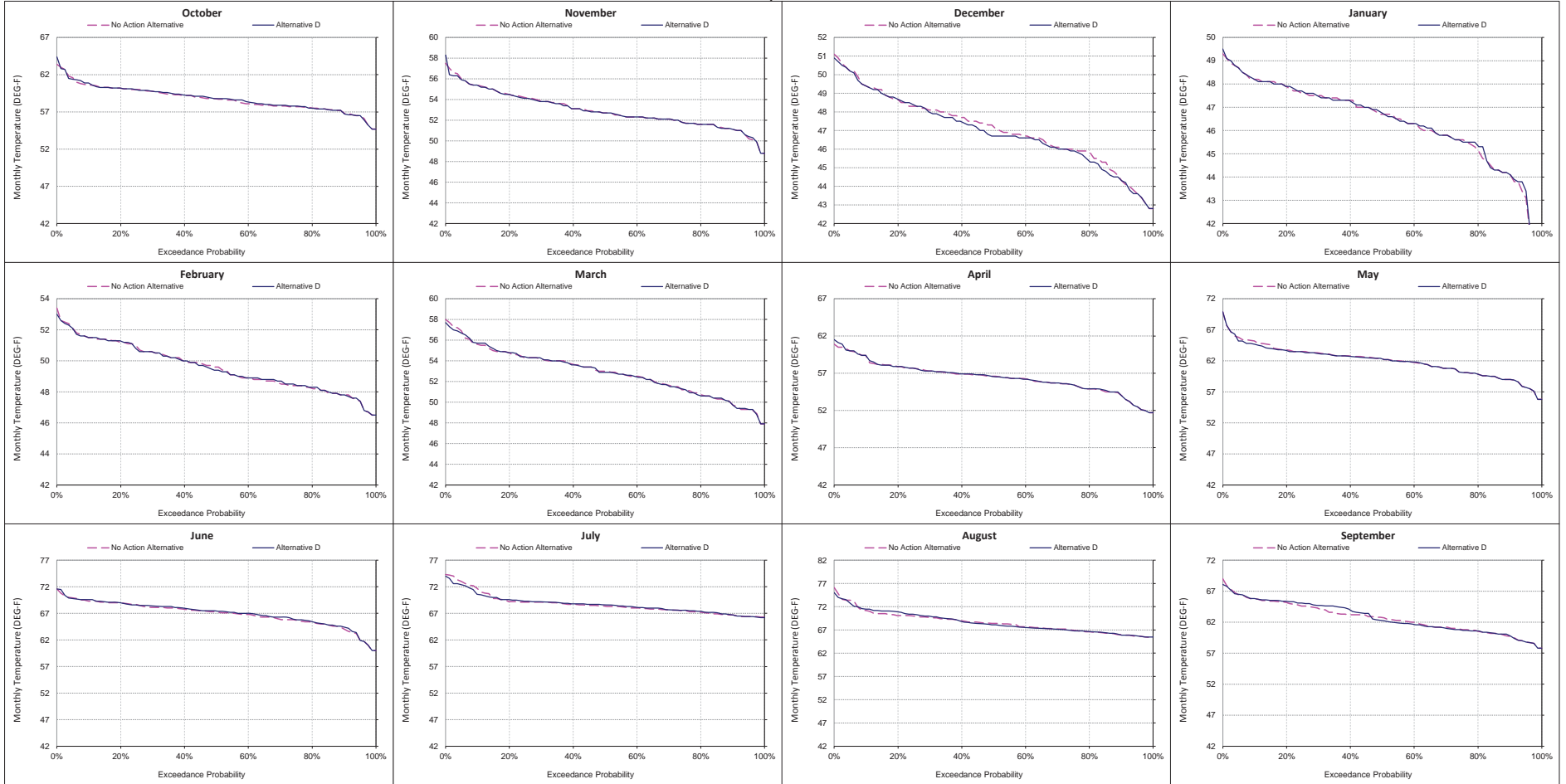


Table SQ-17-9a
Feather River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	61.3	52.5	46.2	45.8	50.2	54.6	60.7	66.4	71.4	73.2	72.6	68.6
Alternative D	61.3	52.5	46.1	45.8	50.2	54.6	60.7	66.5	71.5	73.2	72.5	68.5
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
Percent Difference	0.1%	0.0%	-0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-0.1%	-0.2%
Water Year Types²												
Wet (32%)												
No Action Alternative	60.7	52.8	46.6	46.6	50.0	53.4	58.6	64.5	69.7	73.4	72.9	66.7
Alternative D	60.7	52.8	46.5	46.6	50.0	53.4	58.6	64.5	69.6	73.5	73.1	66.5
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.2
Percent Difference	0.1%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	-0.4%
Above Normal (15%)												
No Action Alternative	60.5	51.4	46.0	46.0	50.2	54.4	60.5	66.4	71.4	72.1	71.0	66.8
Alternative D	60.5	51.5	45.8	46.0	50.2	54.4	60.5	66.4	71.3	72.1	71.2	66.6
Difference	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.1	-0.1
Percent Difference	0.0%	0.0%	-0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.0%	0.2%	-0.2%
Below Normal (17%)												
No Action Alternative	61.3	52.5	45.8	45.4	49.7	55.0	60.8	66.6	71.7	72.7	71.9	70.0
Alternative D	61.4	52.5	45.9	45.4	49.7	54.9	60.8	66.6	71.6	72.7	72.1	70.2
Difference	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Percent Difference	0.2%	0.0%	0.0%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%
Dry (22%)												
No Action Alternative	61.6	52.7	46.3	44.8	50.2	55.4	62.0	67.7	72.9	72.8	72.1	70.2
Alternative D	61.7	52.8	46.2	44.8	50.2	55.4	62.0	67.8	73.2	73.0	71.8	70.0
Difference	0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	-0.2	-0.2
Percent Difference	0.2%	0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.3%	-0.3%	-0.3%
Critical (15%)												
No Action Alternative	62.6	52.6	45.7	45.3	51.1	55.8	63.1	68.1	72.3	74.9	74.7	70.3
Alternative D	62.6	52.6	45.5	45.3	51.0	55.8	63.2	68.1	72.7	74.8	74.0	70.1
Difference	0.0	0.0	-0.3	0.0	0.0	0.0	0.1	0.0	0.3	-0.2	-0.7	-0.2
Percent Difference	0.0%	0.0%	-0.6%	0.1%	0.0%	0.0%	0.1%	0.0%	0.5%	-0.3%	-0.9%	-0.3%

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

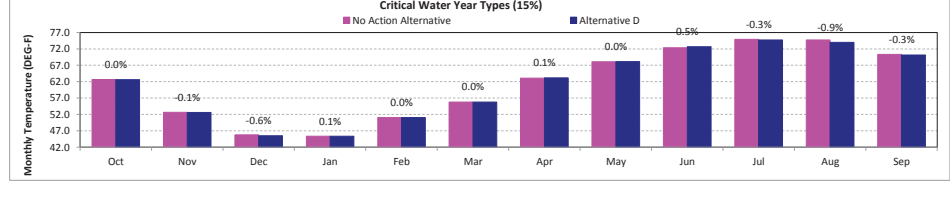
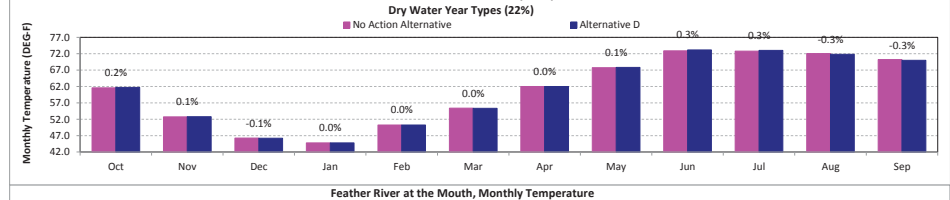
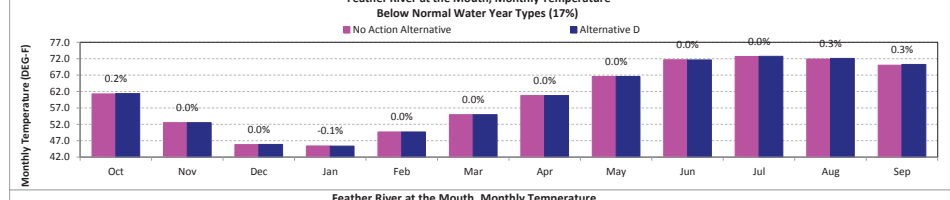
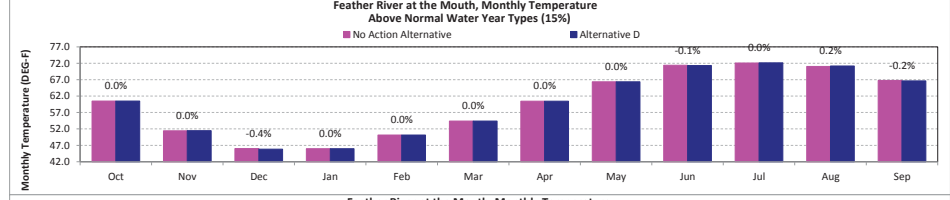
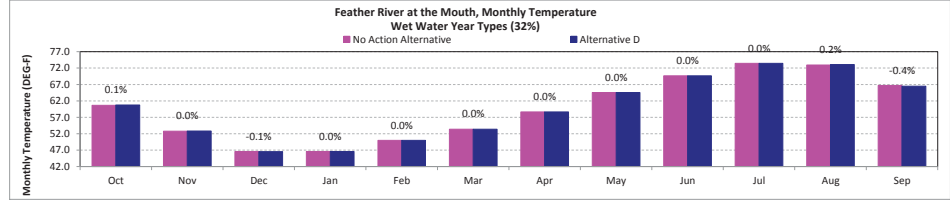
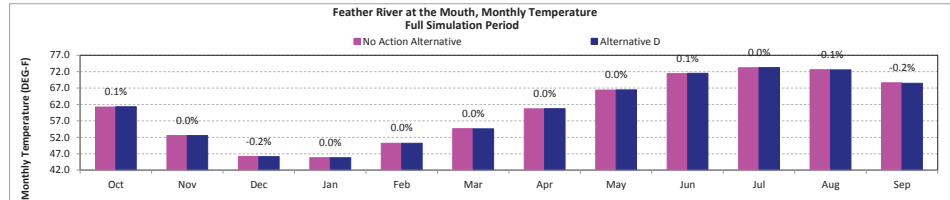


Figure SQ-17-9b
 Feather River at the Mouth, Monthly Temperature
 Probability of Exceedance

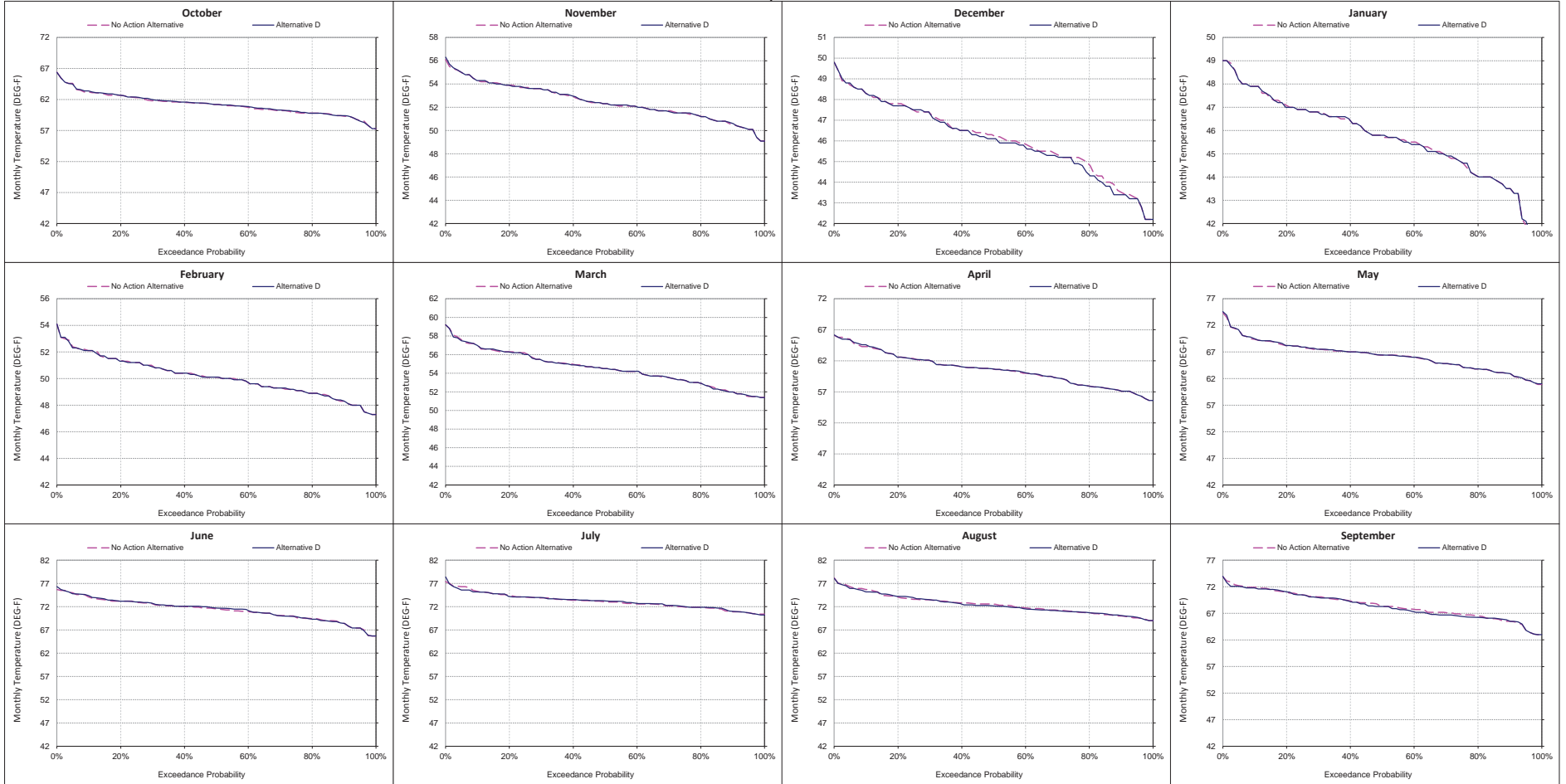


Table SQ-18-9a
American River below Nimbus Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	59.8	57.3	50.0	46.6	48.5	53.0	57.5	61.8	66.1	67.5	68.2	66.4
Alternative D	59.6	57.4	50.1	46.6	48.5	53.1	57.5	61.7	66.2	67.6	68.1	66.3
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.1	-0.1	0.0
Percent Difference ³	-0.4%	0.2%	0.3%	0.1%	-0.1%	0.1%	0.0%	-0.2%	0.1%	0.1%	-0.2%	-0.1%
Water Year Types ²												
Wet (32%)												
No Action Alternative	58.6	58.0	50.7	46.6	48.0	52.1	55.8	59.8	63.9	67.0	67.3	65.2
Alternative D	58.4	58.1	50.8	46.6	48.0	52.1	55.7	59.8	63.9	67.0	67.1	65.3
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.1
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	0.1%
Above Normal (15%)												
No Action Alternative	58.3	56.8	49.8	46.7	48.2	52.8	57.1	61.1	65.6	66.6	67.8	65.7
Alternative D	58.1	56.8	49.9	46.8	48.1	52.9	57.1	61.1	65.6	66.7	67.8	65.9
Difference	-0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
Percent Difference	-0.4%	0.0%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%
Below Normal (17%)												
No Action Alternative	58.1	57.0	50.1	46.2	47.4	52.9	57.5	61.1	65.7	66.3	68.3	66.6
Alternative D	57.9	57.1	50.2	46.2	47.4	53.1	57.4	61.1	65.6	66.8	68.0	66.4
Difference	-0.2	0.1	0.1	0.0	-0.1	0.2	-0.1	-0.1	-0.1	0.4	-0.3	-0.2
Percent Difference	-0.3%	0.1%	0.1%	0.1%	-0.1%	0.4%	-0.1%	-0.2%	-0.2%	0.6%	-0.4%	-0.4%
Dry (22%)												
No Action Alternative	60.5	57.2	49.7	46.5	48.8	53.3	58.5	63.9	67.9	67.5	68.2	66.8
Alternative D	59.9	57.3	49.9	46.5	48.7	53.4	58.7	63.7	68.0	67.6	68.2	66.9
Difference	-0.6	0.1	0.2	0.0	-0.2	0.1	0.2	-0.2	0.1	0.1	0.0	0.1
Percent Difference	-1.0%	0.2%	0.5%	0.0%	-0.3%	0.2%	0.3%	-0.3%	0.2%	0.2%	0.0%	0.1%
Critical (15%)												
No Action Alternative	64.8	56.8	48.7	46.9	50.2	54.7	59.6	64.3	68.9	71.1	70.4	68.3
Alternative D	65.0	57.0	48.8	46.9	50.4	54.5	59.5	64.1	69.2	71.1	70.3	67.9
Difference	0.1	0.2	0.1	0.1	0.1	-0.2	-0.1	-0.2	0.3	0.0	-0.1	-0.4
Percent Difference	0.2%	0.3%	0.3%	0.1%	0.3%	-0.4%	-0.2%	-0.3%	0.4%	0.0%	-0.2%	-0.6%

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

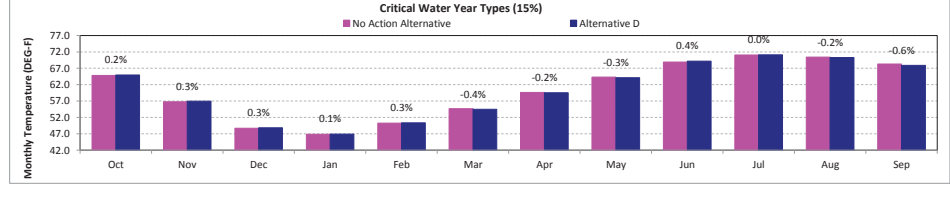
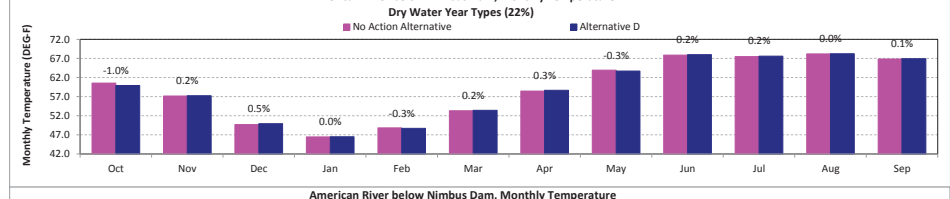
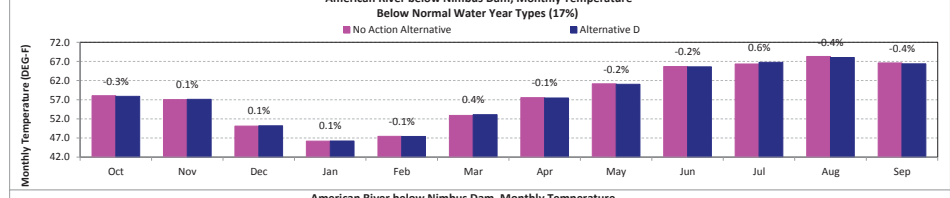
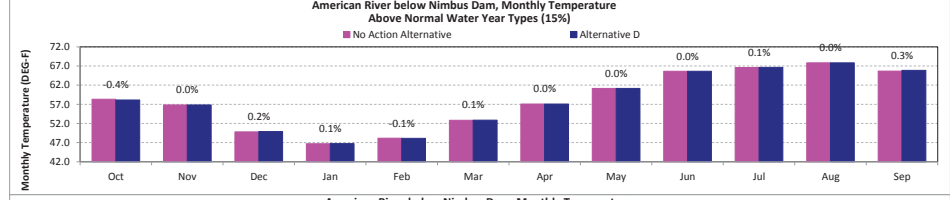
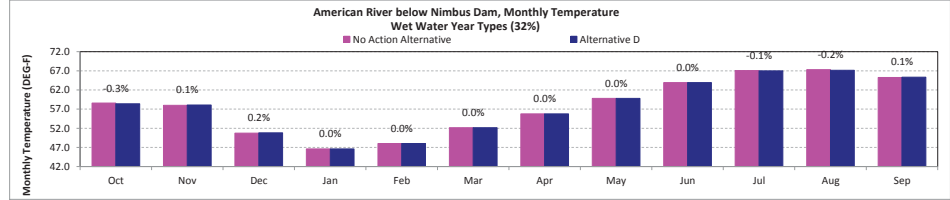
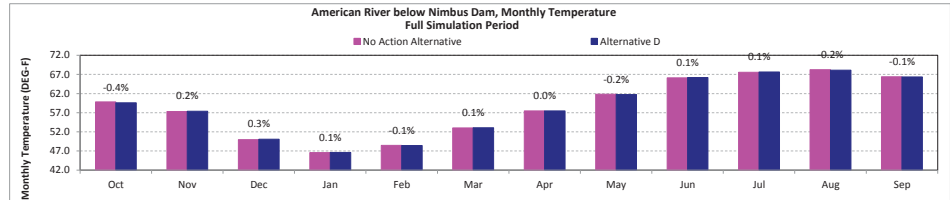


Figure SQ-18-9b
 American River below Nimbus Dam, Monthly Temperature
 Probability of Exceedance

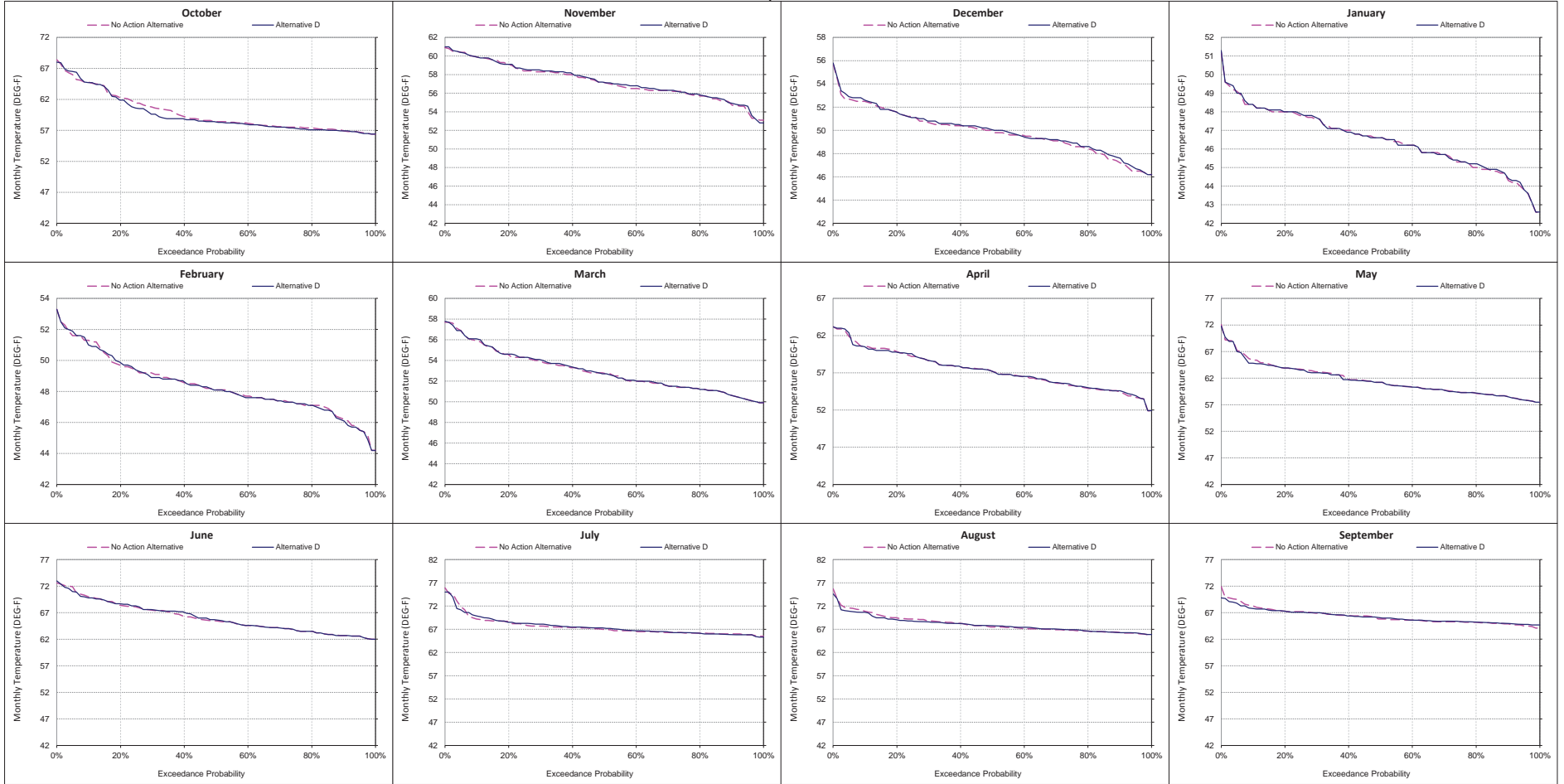


Table SQ-19-9a
American River at Watt Avenue, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	60.4	56.6	49.1	46.3	48.8	53.7	58.4	63.1	67.4	69.0	69.6	67.2
Alternative D	60.2	56.7	49.2	46.3	48.8	53.7	58.4	63.0	67.5	69.2	69.5	67.2
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	-0.1	0.0
Percent Difference ³	-0.3%	0.2%	0.3%	0.1%	-0.1%	0.0%	0.0%	-0.2%	0.1%	0.3%	-0.1%	0.0%
Water Year Types²												
Wet (32%)												
No Action Alternative	59.5	57.5	50.0	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.7	66.0
Alternative D	59.3	57.6	50.1	46.5	48.2	52.6	56.4	60.8	65.0	68.5	68.5	66.1
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.1
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.2%	0.2%
Above Normal (15%)												
No Action Alternative	59.1	56.1	49.0	46.5	48.5	53.2	58.0	62.5	67.1	67.9	69.0	66.4
Alternative D	59.0	56.2	49.2	46.6	48.4	53.2	58.0	62.5	67.2	68.0	69.0	66.6
Difference	-0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2
Percent Difference	-0.3%	0.1%	0.2%	0.1%	-0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.3%
Below Normal (17%)												
No Action Alternative	59.0	56.4	49.3	45.7	47.8	53.5	58.5	62.5	67.3	67.6	69.7	67.5
Alternative D	58.9	56.5	49.4	45.8	47.7	53.7	58.4	62.4	67.2	68.2	69.5	67.3
Difference	-0.1	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	-0.1	0.6	-0.3	-0.3
Percent Difference	-0.2%	0.2%	0.2%	0.2%	-0.1%	0.3%	-0.1%	-0.2%	-0.1%	0.8%	-0.4%	-0.4%
Dry (22%)												
No Action Alternative	61.0	56.4	48.9	46.0	49.3	54.2	59.7	65.2	69.4	69.0	69.6	67.8
Alternative D	60.5	56.5	49.1	46.0	49.1	54.3	59.8	65.0	69.5	69.2	69.7	67.8
Difference	-0.5	0.1	0.3	0.0	-0.1	0.1	0.1	-0.2	0.2	0.2	0.1	0.1
Percent Difference	-0.8%	0.3%	0.5%	0.0%	-0.3%	0.1%	0.2%	-0.3%	0.2%	0.3%	0.1%	0.1%
Critical (15%)												
No Action Alternative	64.4	55.7	47.4	46.4	50.9	55.6	61.0	65.8	69.9	72.7	71.8	69.1
Alternative D	64.5	55.9	47.5	46.5	51.0	55.5	61.0	65.6	70.2	72.8	71.8	68.7
Difference	0.1	0.1	0.1	0.1	0.1	-0.2	-0.1	-0.2	0.2	0.1	-0.1	-0.3
Percent Difference	0.2%	0.3%	0.2%	0.1%	0.1%	-0.3%	-0.1%	-0.3%	0.3%	0.2%	-0.1%	-0.5%

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

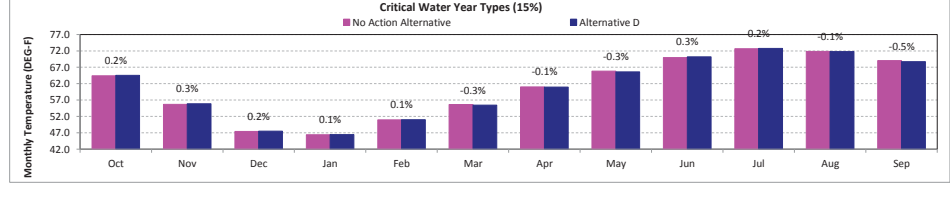
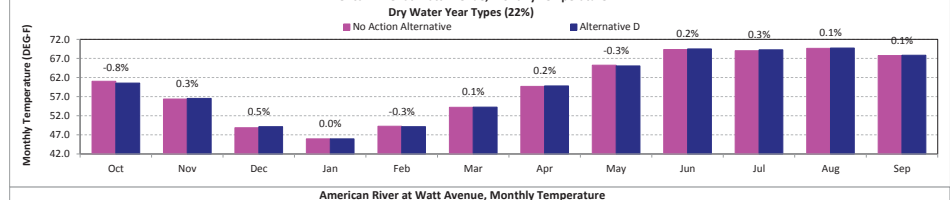
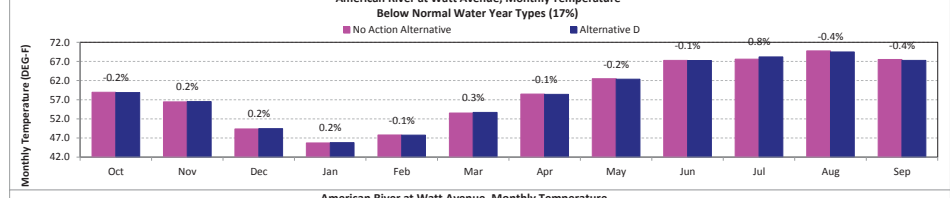
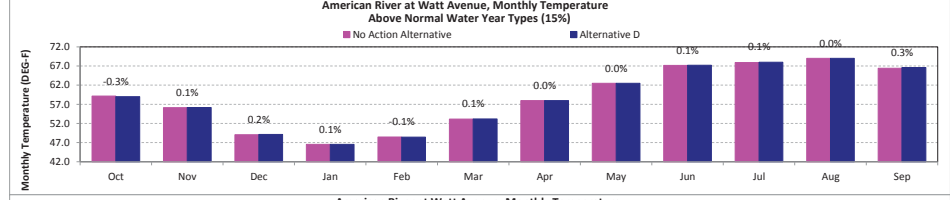
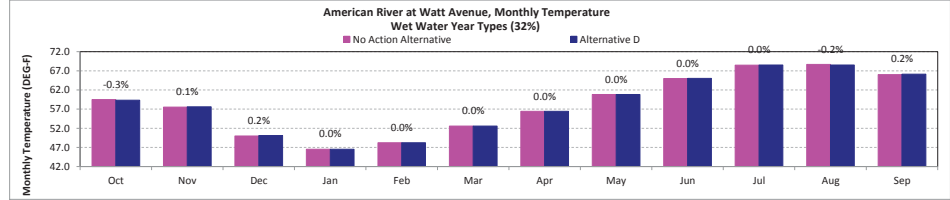
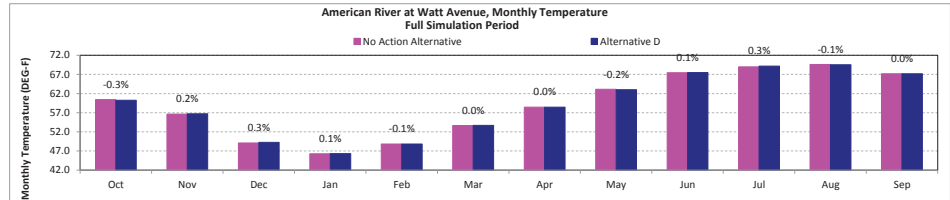


Figure SQ-19-9b
 American River at Watt Avenue, Monthly Temperature
 Probability of Exceedance

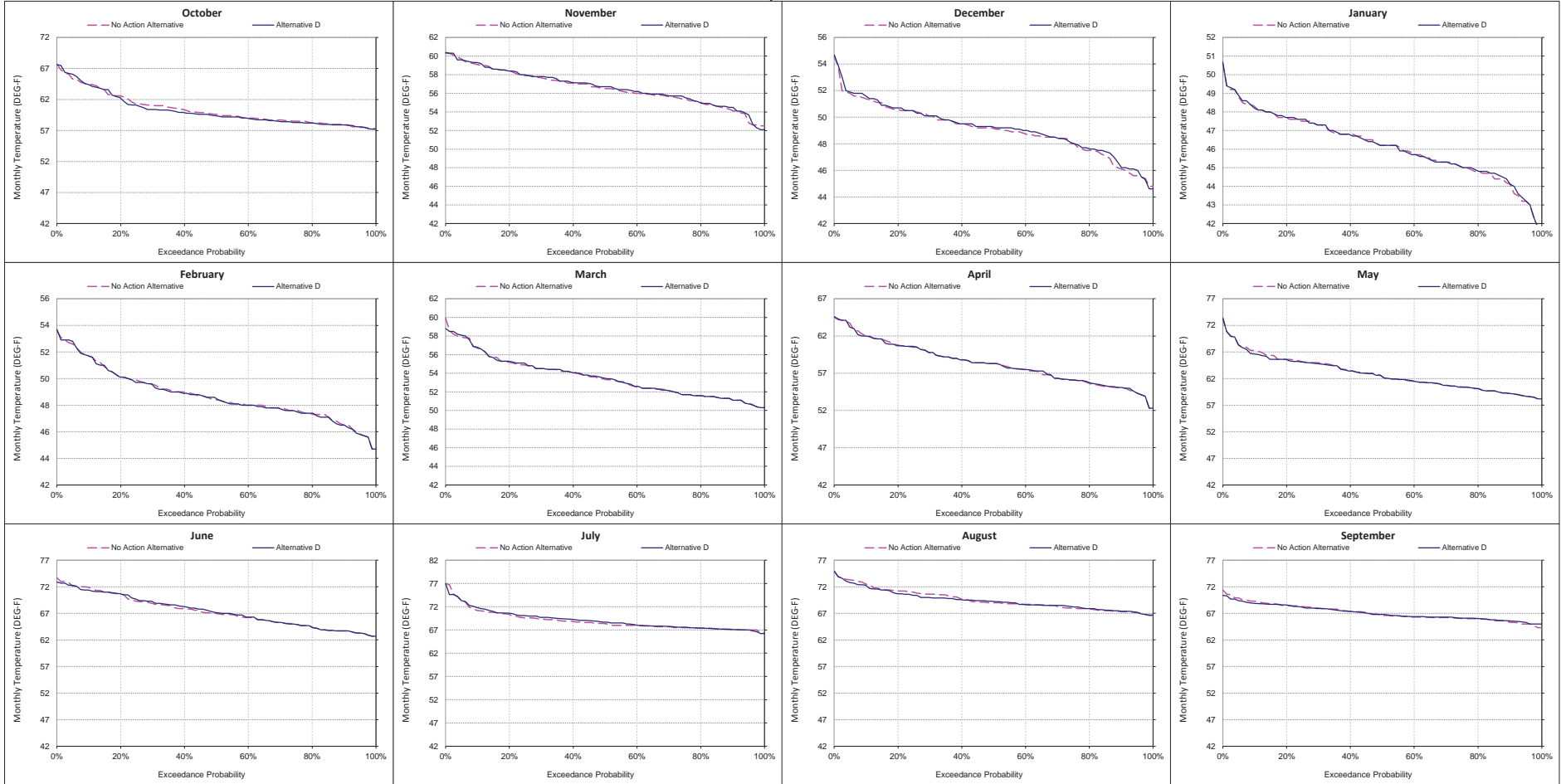


Table SQ-20-9a
American River at the Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	60.8	56.3	48.6	46.1	49.0	54.0	58.9	63.7	68.1	69.7	70.4	67.6
Alternative D	60.6	56.4	48.8	46.1	49.0	54.0	58.9	63.6	68.2	70.0	70.3	67.6
Difference	-0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.2	-0.1	0.0
Percent Difference ²	-0.2%	0.2%	0.3%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.3%	-0.1%	0.0%
Water Year Types ²												
Wet (32%)												
No Action Alternative	60.0	57.3	49.6	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.5	66.4
Alternative D	59.9	57.4	49.7	46.5	48.3	52.8	56.8	61.4	65.6	69.3	69.3	66.6
Difference	-0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.2
Percent Difference	-0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.3%	0.3%
Above Normal (15%)												
No Action Alternative	59.6	55.7	48.6	46.4	48.6	53.3	58.4	63.2	67.9	68.6	69.7	66.8
Alternative D	59.5	55.8	48.7	46.4	48.6	53.4	58.4	63.2	68.0	68.7	69.7	67.0
Difference	-0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.2
Percent Difference	-0.2%	0.1%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.2%	0.0%	0.3%
Below Normal (17%)												
No Action Alternative	59.5	56.1	48.9	45.5	48.0	53.9	59.0	63.2	68.1	68.3	70.5	68.0
Alternative D	59.4	56.2	49.0	45.6	47.9	54.0	58.9	63.0	68.1	68.9	70.2	67.7
Difference	-0.1	0.1	0.1	0.1	0.0	0.1	-0.1	-0.1	0.0	0.7	-0.3	-0.2
Percent Difference	-0.1%	0.2%	0.2%	0.2%	-0.1%	0.2%	-0.2%	-0.2%	0.0%	1.0%	-0.4%	-0.4%
Dry (22%)												
No Action Alternative	61.3	56.0	48.4	45.7	49.5	54.7	60.3	65.9	70.1	69.9	70.4	68.2
Alternative D	60.9	56.1	48.7	45.7	49.4	54.7	60.4	65.7	70.3	70.1	70.5	68.3
Difference	-0.4	0.2	0.3	0.0	-0.1	0.0	0.1	-0.2	0.2	0.2	0.1	0.1
Percent Difference	-0.7%	0.3%	0.6%	-0.1%	-0.3%	0.1%	0.1%	-0.3%	0.2%	0.4%	0.2%	0.1%
Critical (15%)												
No Action Alternative	64.2	55.1	46.8	46.2	51.3	56.1	61.7	66.5	70.4	73.4	72.6	69.4
Alternative D	64.3	55.3	46.8	46.2	51.3	55.9	61.6	66.3	70.7	73.6	72.5	69.1
Difference	0.1	0.1	0.1	0.1	0.0	-0.1	-0.1	-0.2	0.3	0.2	-0.1	-0.3
Percent Difference	0.2%	0.2%	0.2%	0.1%	0.1%	-0.2%	-0.1%	-0.3%	0.4%	0.2%	-0.1%	-0.4%

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

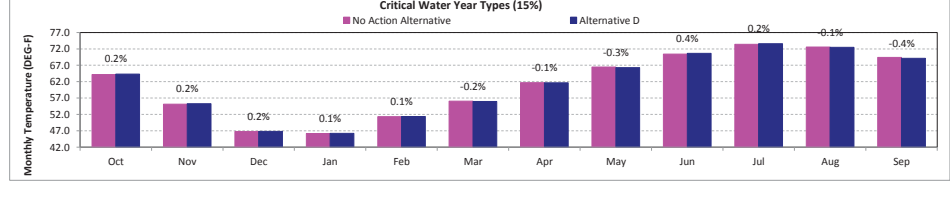
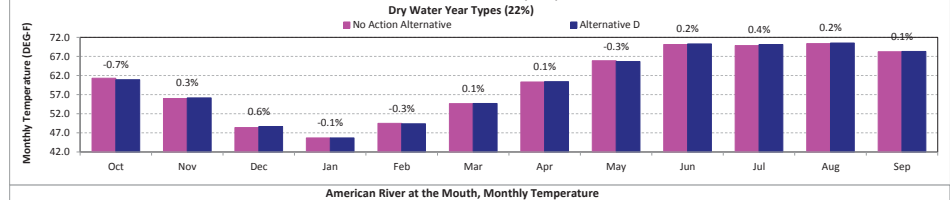
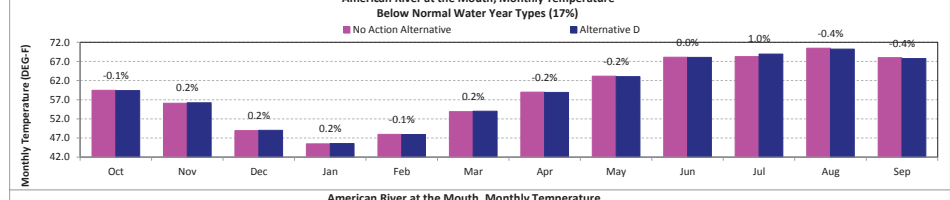
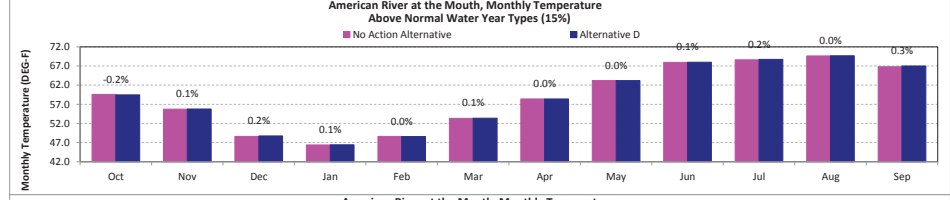
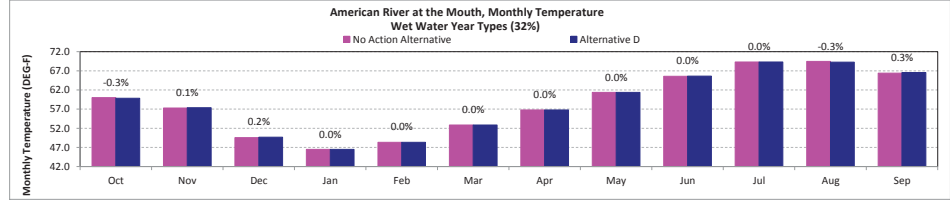
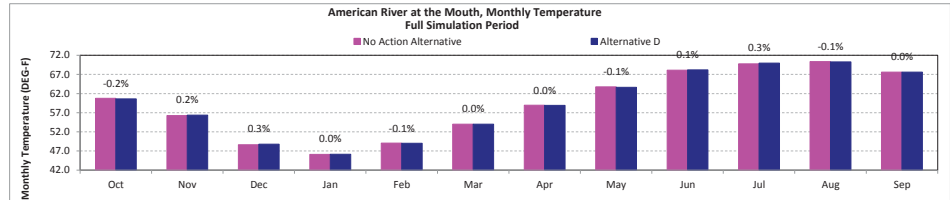


Figure SQ-20-9b
 American River at the Mouth, Monthly Temperature
 Probability of Exceedance

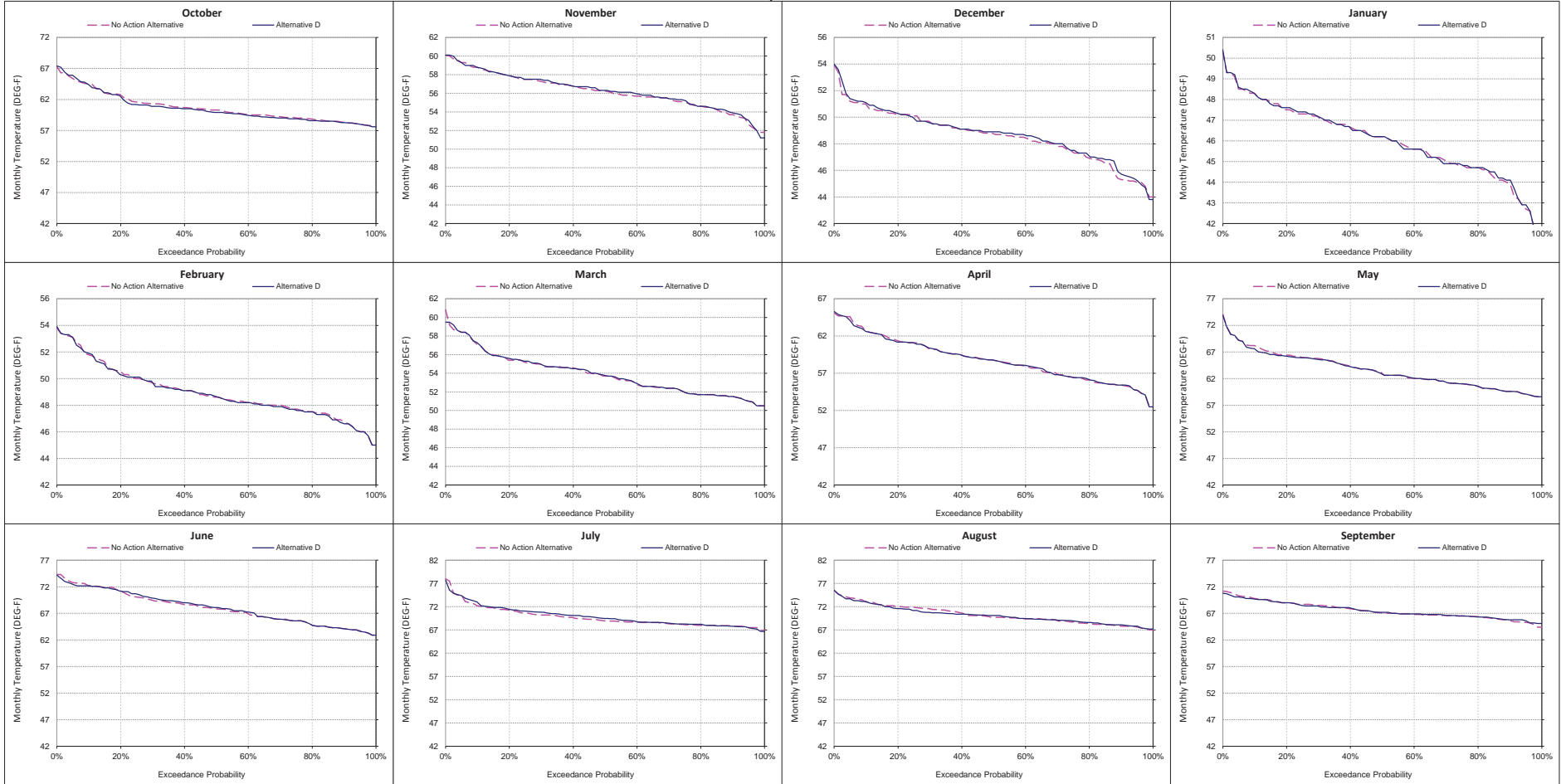


Table SQ-20-9b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative		Absolute Difference (DEG-F)	Relative Difference (%)	
	Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)			
0.0%	67.3	67.4	0.1	0.1%	
1.2%	66.3	67.2	0.9	1.4%	
2.5%	66.3	66.4	0.1	0.2%	
3.7%	65.8	65.9	0.1	0.2%	
4.9%	65.4	65.5	0.5	0.8%	
6.2%	65.0	65.4	0.4	0.6%	
7.4%	64.8	64.9	0.1	0.2%	
8.6%	64.6	64.8	0.2	0.3%	
9.9%	64.5	64.4	-0.1	-0.2%	
11.1%	64.4	63.9	-0.5	-0.8%	
12.3%	63.7	63.8	0.1	0.2%	
13.6%	63.7	63.7	0.0	0.0%	
14.8%	63.1	63.1	0.0	0.0%	
16.0%	62.9	63.1	0.2	0.3%	
17.3%	62.9	62.8	-0.1	-0.2%	
18.5%	62.9	62.8	-0.1	-0.2%	
19.8%	62.8	62.6	-0.2	-0.3%	
21.0%	62.3	61.9	-0.4	-0.6%	
22.2%	62.1	61.4	-0.7	-1.1%	
23.5%	61.7	61.2	-0.5	-0.8%	
24.7%	61.6	61.2	-0.4	-0.6%	
25.9%	61.1	61.1	0.0	0.0%	
27.2%	61.4	61.1	-0.3	-0.5%	
28.4%	61.4	61.1	-0.3	-0.5%	
29.6%	61.3	60.9	-0.4	-0.7%	
30.9%	61.3	60.9	-0.4	-0.7%	
32.1%	61.3	60.9	-0.4	-0.7%	
33.3%	61.2	60.8	-0.4	-0.7%	
34.5%	61.1	60.7	-0.4	-0.7%	
35.8%	60.9	60.6	-0.3	-0.5%	
37.0%	60.8	60.6	-0.2	-0.3%	
38.3%	60.8	60.6	-0.2	-0.3%	
39.5%	60.7	60.5	-0.2	-0.3%	
40.7%	60.7	60.5	-0.2	-0.3%	
42.0%	60.5	60.5	-0.1	-0.2%	
43.2%	60.6	60.4	-0.2	-0.3%	
44.4%	60.5	60.3	-0.2	-0.3%	
45.7%	60.5	60.3	-0.2	-0.3%	
46.9%	60.4	60.1	-0.3	-0.5%	
48.1%	60.3	60.0	-0.3	-0.5%	
49.4%	60.3	59.9	-0.4	-0.7%	
50.6%	60.3	59.9	-0.4	-0.7%	
51.9%	60.2	59.9	-0.3	-0.5%	
53.1%	60.0	59.8	-0.2	-0.3%	
54.3%	59.9	59.8	-0.1	-0.2%	
55.6%	59.9	59.7	-0.2	-0.3%	
56.8%	59.8	59.7	-0.1	-0.2%	
58.0%	59.7	59.6	-0.1	-0.2%	
59.3%	59.6	59.5	-0.1	-0.2%	
60.5%	59.5	59.4	-0.1	-0.2%	
61.7%	59.5	59.3	-0.2	-0.3%	
63.0%	59.5	59.3	-0.2	-0.3%	
64.2%	59.2	59.2	0.0	0.0%	
65.4%	59.2	59.2	0.0	0.0%	
66.7%	59.4	59.1	-0.3	-0.5%	
67.9%	59.3	59.1	-0.2	-0.3%	
69.1%	59.3	59.0	-0.3	-0.5%	
70.4%	59.2	59.0	-0.2	-0.3%	
71.6%	59.1	59.0	-0.1	-0.2%	
72.8%	59.1	58.9	-0.2	-0.3%	
74.1%	59.1	58.9	-0.2	-0.3%	
75.3%	59.0	58.9	-0.1	-0.2%	
76.5%	59.0	58.8	-0.2	-0.3%	
77.8%	58.9	58.8	-0.1	-0.2%	
79.0%	58.9	58.6	-0.3	-0.5%	
80.2%	58.8	58.6	-0.2	-0.3%	
81.5%	58.7	58.6	-0.1	-0.2%	
82.7%	58.7	58.5	-0.2	-0.3%	
84.0%	58.6	58.5	-0.1	-0.2%	
85.2%	58.5	58.5	0.0	0.0%	
86.4%	58.5	58.5	0.0	0.0%	
87.7%	58.5	58.4	-0.1	-0.2%	
88.9%	58.4	58.3	-0.1	-0.2%	
90.1%	58.3	58.3	0.0	0.0%	
91.4%	58.2	58.2	0.0	0.0%	
92.6%	58.2	58.2	0.0	0.0%	
93.8%	58.1	58.1	0.0	0.0%	
95.1%	58.0	58.0	0.0	0.0%	
96.3%	57.9	57.9	0.0	0.0%	
97.5%	57.8	57.8	0.0	0.0%	
98.8%	57.8	57.6	-0.2	-0.3%	
100.0%	57.8	57.6	-0.2	-0.3%	

November					
Percent Exceedance Probability (%)	No Action Alternative		Absolute Difference (DEG-F)	Relative Difference (%)	
	Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)			
0.0%	60.1	60.1	0.0	0.0%	
1.2%	60.0	60.1	0.1	0.2%	
2.5%	59.7	60.0	0.3	0.5%	
3.7%	59.6	59.3	-0.3	-0.5%	
4.9%	59.3	59.3	0.0	0.0%	
6.2%	59.3	59.0	-0.3	-0.5%	
7.4%	59.0	59.0	0.0	0.0%	
8.6%	58.8	59.0	0.2	0.3%	
9.9%	58.8	58.8	0.0	0.0%	
11.1%	58.5	58.7	0.2	0.3%	
12.3%	58.5	58.6	0.1	0.2%	
13.6%	58.4	58.3	-0.1	-0.2%	
14.8%	58.3	58.3	0.0	0.0%	
16.0%	58.2	58.2	0.0	0.0%	
17.3%	58.1	58.1	0.0	0.0%	
18.5%	58.0	58.0	0.0	0.0%	
19.8%	58.0	57.9	-0.1	-0.2%	
21.0%	57.8	57.8	0.0	0.0%	
22.2%	57.7	57.7	0.0	0.0%	
23.5%	57.5	57.7	0.2	0.3%	
24.7%	57.5	57.5	0.0	0.0%	
25.9%	57.5	57.5	0.0	0.0%	
27.2%	57.5	57.5	0.0	0.0%	
28.4%	57.4	57.5	0.1	0.2%	
29.6%	57.3	57.5	0.2	0.3%	
30.9%	57.2	57.4	0.2	0.3%	
32.1%	57.1	57.4	0.3	0.5%	
33.3%	57.1	57.2	0.1	0.2%	
34.5%	57.1	57.1	0.0	0.0%	
35.8%	56.9	57.0	0.1	0.2%	
37.0%	56.9	57.0	0.1	0.2%	
38.3%	56.9	56.9	0.0	0.0%	
39.5%	56.8	56.8	0.0	0.0%	
40.7%	56.7	56.7	0.0	0.0%	
42.0%	56.5	56.7	0.2	0.3%	
43.2%	56.5	56.7	0.2	0.4%	
44.4%	56.5	56.7	0.2	0.4%	
45.7%	56.4	56.6	0.2	0.4%	
46.9%	56.3	56.6	0.3	0.5%	
48.1%	56.3	56.3	0.0	0.0%	
49.4%	56.3	56.3	0.0	0.0%	
50.6%	56.2	56.3	0.1	0.2%	
51.9%	56.1	56.2	0.1	0.2%	
53.1%	55.9	56.2	0.3	0.5%	
54.3%	55.9	56.1	0.2	0.4%	
55.6%	55.8	56.1	0.3	0.5%	
56.8%	55.8	56.1	0.3	0.5%	
58.0%	55.8	56.1	0.3	0.5%	
59.3%	55.7	56.0	0.3	0.5%	
60.5%	55.7	55.9	0.2	0.4%	
61.7%	55.6	55.8	0.2	0.4%	
63.0%	55.6	55.8	0.2	0.4%	
64.2%	55.6	55.8	0.2	0.4%	
65.4%	55.6	55.6	0.0	0.0%	
66.7%	55.5	55.6	0.1	0.2%	
67.9%	55.5	55.5	0.0	0.0%	
69.1%	55.5	55.5	0.0	0.0%	
70.4%	55.4	55.4	0.0	0.0%	
71.6%	55.2	55.4	0.2	0.4%	
72.8%	55.1	55.3	0.2	0.4%	
74.1%	55.1	55.3	0.2	0.4%	
75.3%	55.0	55.2	0.2	0.4%	
76.5%	54.9	54.8	-0.1	-0.2%	
77.8%	54.7	54.8	0.1	0.2%	
79.0%	54.7	54.6	-0.1	-0.2%	
80.2%	54.6	54.6	0.0	0.0%	
81.5%	54.5	54.6	0.1	0.2%	
82.7%	54.5	54.5	0.0	0.0%	
84.0%	54.4	54.4	0.0	0.0%	
85.2%	54.2	54.3	0.1	0.2%	
86.4%	54.0	54.3	0.3	0.6%	
87.7%	54.0	54.2	0.2	0.4%	
88.9%	53.7	54.0	0.3	0.6%	
90.1%	53.7	53.9	0.2	0.4%	
91.4%	53.5	53.8	0.3	0.6%	
92.6%	53.4	53.7	0.3	0.6%	
93.8%	53.3	53.3	0.0	0.0%	
95.1%	52.6	53.1	0.5	1.0%	
96.3%	52.2	52.9	0.7	1.4%	
97.5%	52.0	52.0	0.0	0.0%	
98.8%	51.8	51.2	-0.6	-1.2%	
100.0%	51.8	51.2	-0.6	-1.2%	

December					
Percent Exceedance Probability (%)	No Action Alternative		Absolute Difference (DEG-F)	Relative Difference (%)	
	Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)			
0.0%	53.9	54.0	0.1	0.2%	
1.2%	53.4	53.6	0.2	0.4%	
2.5%	51.7	52.7	1.0	1.9%	
3.7%	51.7	51.8	0.1	0.2%	
4.9%	51.2	51.4	0.2	0.4%	
6.2%	51.1	51.3	0.2	0.4%	
7.4%	51.1	51.2	0.1	0.2%	
8.6%	51.0	51.2	0.2	0.4%	
9.9%	51.0	51.1	0.1	0.2%	
11.1%	50.6	50.9	0.3	0.6%	
12.3%	50.6	50.9	0.3	0.6%	
13.6%	50.5	50.7	0.2	0.4%	
14.8%	50.5	50.6	0.1	0.2%	
16.0%	50.4	50.5	0.1	0.2%	
17.3%	50.3	50.5	0.2	0.4%	
18.5%	50.4	50.4	0.1	0.2%	
19.8%	50.2	50.3	0.1	0.2%	
21.0%	50.2	50.2	0.0	0.0%	
22.2%	50.2	50.2	0.0	0.0%	
23.5%	50.2	50.1	-0.1	-0.2%	
24.7%	50.1	50.0	-0.1	-0.2%	
25.9%	50.1	49.7	-0.4	-0.8%	
27.2%	49.7	49.7	0.0	0.0%	
28.4%	49.7	49.7	0.0	0.0%	
29.6%	49.7	49.6	-0.1	-0.2%	
30.9%	49.5	49.5	0.0	0.0%	
32.1%	49.4	49.5	0.1	0.2%	
33.3%	49.4	49.4	0.0	0.0%	
34.5%	49.4	49.4	0.0	0.0%	
35.8%	49.4	49.4	0.0	0.0%	
37.0%	49.2	49.3	0.1	0.2%	
38.3%	49.2	49.2	0.0	0.0%	
39.5%	49.1	49.1	0.0	0.0%	
40.7%	49.1	49.1	0.0	0.0%	
42.0%	49.1	49.1	0.0	0.0%	
43.2%	49.0	49.0	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%	48.8	48.9	0.1	0.2%	
48.1%	48.8	48.9	0.1	0.2%	
49.4%	48.9	48.9	0.0	0.0%	
50.6%	48.7	48.9	0.2	0.4%	
51.9%	48.7	48.9	0.2	0.4%	
53.1%	48.7	48.8	0.1	0.2%	
54.3%	48.6	48.8	0.2	0.4%	
55.6%	48.6	48.8	0.2	0.4%	
56.8%	48.5	48.7	0.2	0.4%	
58.0%	48.5	48.7	0.2	0.4%	
59.3%	48.5	48.7	0.2	0.4%	
60.5%	48.4	48.6	0.2	0.4%	
61.7%	48.2	48.6	0.4	0.8%	
63.0%	48.2	48.5	0.3	0.6%	
64.2%	48.1	48.4	0.3	0.6%	
65.4%	48.1	48.2	0.1	0.2%	
66.7%	48.1	48.2	0.1	0.2%	
67.9%	48.0	48.1	0.1	0.2%	
69.1%	48.0	48.0	0.0	0.0%	
70.4%	47.8	48.0	0.2	0.4%	
71.6%	47.8	48.0	0.2	0.4%	
72.8%	47.7	47.7	0.1	0.2%	
74.1%	47.5	47.5	0.0	0.0%	
75.3%	47.3	47.5	0.2	0.4%	
76.5%	47.3	47.3	0.0	0.0%	
77.8%	47.3	47.3	0.0</		

Table SQ-20-9b
American River at the Mouth, Monthly Temperature
Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.8	53.9	0.1	0.2%	
1.2%	53.4	53.4	0.0	0.0%	
2.5%	53.3	53.3	0.0	0.0%	
3.7%	53.2	53.2	0.0	0.0%	
4.9%	53.1	53.1	0.0	0.0%	
6.2%	52.7	52.5	-0.2	-0.4%	
7.4%	52.5	52.3	-0.2	-0.4%	
8.6%	51.9	52.0	0.1	0.2%	
9.9%	51.8	51.9	0.1	0.2%	
11.1%	51.7	51.8	0.1	0.2%	
12.3%	51.5	51.3	-0.2	-0.4%	
13.6%	51.4	51.2	-0.2	-0.4%	
14.8%	51.3	51.1	-0.2	-0.4%	
16.0%	50.8	50.7	-0.1	-0.2%	
17.3%	50.7	50.7	0.0	0.0%	
18.5%	50.6	50.6	0.0	0.0%	
19.8%	50.6	50.3	-0.3	-0.6%	
21.0%	50.3	50.2	-0.1	-0.2%	
22.2%	50.3	50.1	-0.2	-0.4%	
23.5%	50.1	50.1	0.0	0.0%	
24.7%	50.0	50.1	0.1	0.2%	
25.9%	50.0	50.1	0.1	0.2%	
27.2%	49.9	49.9	0.0	0.0%	
28.4%	49.8	49.8	0.0	0.0%	
29.6%	49.7	49.8	0.1	0.2%	
30.9%	49.6	49.4	-0.2	-0.4%	
32.1%	49.6	49.4	-0.2	-0.4%	
33.3%	49.4	49.4	0.0	0.0%	
34.5%	49.4	49.3	-0.1	-0.2%	
35.8%	49.3	49.3	0.0	0.0%	
37.0%	49.3	49.2	-0.1	-0.2%	
38.3%	49.2	49.2	0.0	0.0%	
39.5%	49.1	49.1	0.0	0.0%	
40.7%	49.1	49.1	0.0	0.0%	
42.0%	49.1	49.1	0.0	0.0%	
43.2%	49.0	49.0	0.0	0.0%	
44.4%	48.8	48.9	0.1	0.2%	
45.7%	48.8	48.9	0.1	0.2%	
46.9%	48.7	48.8	0.1	0.2%	
48.1%	48.7	48.8	0.1	0.2%	
49.4%	48.6	48.7	0.1	0.2%	
50.6%	48.6	48.6	0.0	0.0%	
51.9%	48.5	48.5	0.0	0.0%	
53.1%	48.4	48.4	0.0	0.0%	
54.3%	48.4	48.3	-0.1	-0.2%	
55.6%	48.3	48.3	0.0	0.0%	
56.8%	48.3	48.2	-0.1	-0.2%	
58.0%	48.3	48.2	-0.1	-0.2%	
59.3%	48.2	48.2	0.0	0.0%	
60.5%	48.2	48.2	0.0	0.0%	
61.7%	48.2	48.1	-0.1	-0.2%	
63.0%	48.1	48.1	0.0	0.0%	
64.2%	48.1	48.0	-0.1	-0.2%	
65.4%	48.0	48.0	0.0	0.0%	
66.7%	48.0	48.0	0.0	0.0%	
67.9%	48.0	47.9	-0.1	-0.2%	
69.1%	48.0	47.9	-0.1	-0.2%	
70.4%	48.0	47.9	-0.1	-0.2%	
71.6%	47.9	47.8	-0.1	-0.2%	
72.8%	47.8	47.7	-0.1	-0.2%	
74.1%	47.7	47.7	0.0	0.0%	
75.3%	47.7	47.6	-0.1	-0.2%	
76.5%	47.6	47.6	0.0	0.0%	
77.8%	47.6	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	47.3	-0.1	-0.2%	
82.7%	47.4	47.3	-0.1	-0.2%	
84.0%	47.4	47.3	-0.1	-0.2%	
85.2%	47.3	47.2	-0.1	-0.2%	
86.4%	47.1	46.9	-0.2	-0.4%	
87.7%	46.9	46.9	0.0	0.0%	
88.9%	46.9	46.7	-0.2	-0.4%	
90.1%	46.7	46.6	-0.1	-0.2%	
91.4%	46.6	46.6	0.0	0.0%	
92.6%	46.4	46.4	0.0	0.0%	
93.8%	46.1	46.1	0.0	0.0%	
95.1%	46.0	46.0	0.0	0.0%	
96.3%	46.0	46.0	0.0	0.0%	
97.5%	45.7	45.7	0.0	0.0%	
98.8%	45.0	45.0	0.0	0.0%	
100.0%	45.0	45.0	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.8	59.5	-1.3	-2.1%	
1.2%	59.2	59.5	0.3	0.5%	
2.5%	58.7	59.2	0.5	0.9%	
3.7%	58.6	59.3	0.7	1.2%	
4.9%	58.4	58.4	0.0	0.0%	
6.2%	58.4	58.4	0.0	0.0%	
7.4%	58.0	58.1	0.1	0.2%	
8.6%	57.5	57.5	0.0	0.0%	
9.9%	57.1	57.3	0.2	0.4%	
11.1%	56.9	56.9	0.0	0.0%	
12.3%	56.4	56.4	0.0	0.0%	
13.6%	56.1	56.1	0.0	0.0%	
14.8%	56.0	55.9	-0.1	-0.2%	
16.0%	55.9	55.9	0.0	0.0%	
17.3%	55.8	55.8	0.0	0.0%	
18.5%	55.7	55.7	0.0	0.0%	
19.8%	55.4	55.6	0.2	0.4%	
21.0%	55.4	55.5	0.1	0.2%	
22.2%	55.4	55.5	0.1	0.2%	
23.5%	55.4	55.4	0.0	0.0%	
24.7%	55.2	55.3	0.1	0.2%	
25.9%	55.0	55.1	0.1	0.2%	
27.2%	55.1	55.1	0.0	0.0%	
28.4%	55.0	55.1	0.1	0.2%	
29.6%	55.0	55.0	0.0	0.0%	
30.9%	54.7	54.8	0.1	0.2%	
32.1%	54.7	54.7	0.0	0.0%	
33.3%	54.7	54.7	0.0	0.0%	
34.5%	54.7	54.7	0.0	0.0%	
35.8%	54.7	54.6	-0.1	-0.2%	
37.0%	54.6	54.6	0.0	0.0%	
38.3%	54.6	54.6	0.0	0.0%	
39.5%	54.6	54.5	-0.1	-0.2%	
40.7%	54.5	54.5	0.0	0.0%	
42.0%	54.4	54.4	0.0	0.0%	
43.2%	54.3	54.4	0.1	0.2%	
44.4%	54.0	54.3	0.3	0.6%	
45.7%	54.0	54.0	0.0	0.0%	
46.9%	53.9	54.0	0.1	0.2%	
48.1%	53.9	53.9	0.0	0.0%	
49.4%	53.7	53.8	0.1	0.2%	
50.6%	53.7	53.7	0.0	0.0%	
51.9%	53.7	53.7	0.0	0.0%	
53.1%	53.5	53.6	0.1	0.2%	
54.3%	53.3	53.4	0.1	0.2%	
55.6%	53.3	53.4	0.1	0.2%	
56.8%	53.2	53.3	0.1	0.2%	
58.0%	53.2	53.2	0.0	0.0%	
59.3%	53.0	53.0	0.0	0.0%	
60.5%	52.7	52.8	0.1	0.2%	
61.7%	52.6	52.6	0.0	0.0%	
63.0%	52.6	52.6	0.0	0.0%	
64.2%	52.6	52.6	0.0	0.0%	
65.4%	52.5	52.6	0.1	0.2%	
66.7%	52.5	52.5	0.0	0.0%	
67.9%	52.5	52.5	0.0	0.0%	
69.1%	52.4	52.4	0.0	0.0%	
70.4%	52.4	52.4	0.0	0.0%	
71.6%	52.4	52.4	0.0	0.0%	
72.8%	52.3	52.3	0.0	0.0%	
74.1%	52.1	52.1	0.0	0.0%	
75.3%	51.9	51.9	0.0	0.0%	
76.5%	51.8	51.8	0.0	0.0%	
77.8%	51.8	51.8	0.0	0.0%	
79.0%	51.7	51.7	0.0	0.0%	
80.2%	51.7	51.7	0.0	0.0%	
81.5%	51.7	51.7	0.0	0.0%	
82.7%	51.7	51.7	0.0	0.0%	
84.0%	51.7	51.7	0.0	0.0%	
85.2%	51.6	51.6	0.0	0.0%	
86.4%	51.6	51.6	0.0	0.0%	
87.7%	51.6	51.6	0.0	0.0%	
88.9%	51.5	51.5	0.0	0.0%	
90.1%	51.5	51.5	0.0	0.0%	
91.4%	51.4	51.4	0.0	0.0%	
92.6%	51.3	51.3	0.0	0.0%	
93.8%	51.1	51.1	0.0	0.0%	
95.1%	51.0	51.0	0.0	0.0%	
96.3%	51.0	51.0	0.0	0.0%	
97.5%	50.5	50.5	0.0	0.0%	
98.8%	50.5	50.5	0.0	0.0%	
100.0%	50.5	50.5	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.1	65.3	0.2	0.3%	
1.2%	64.7	64.9	0.2	0.3%	
2.5%	64.7	64.7	0.0	0.0%	
3.7%	64.6	64.6	0.0	0.0%	
4.9%	64.6	64.1	-0.5	-0.8%	
6.2%	63.7	63.4	-0.3	-0.5%	
7.4%	63.4	63.2	-0.2	-0.3%	
8.6%	63.3	63.0	-0.3	-0.5%	
9.9%	62.7	62.6	-0.1	-0.2%	
11.1%	62.5	62.5	0.0	0.0%	
12.3%	62.4	62.4	0.0	0.0%	
13.6%	62.3	62.3	0.0	0.0%	
14.8%	62.2	62.2	0.0	0.0%	
16.0%	62.0	61.6	-0.4	-0.6%	
17.3%	61.7	61.5	-0.2	-0.3%	
18.5%	61.6	61.4	-0.2	-0.3%	
19.8%	61.4	61.2	-0.2	-0.3%	
21.0%	61.2	61.2	0.0	0.0%	
22.2%	61.2	61.2	0.0	0.0%	
23.5%	61.1	61.1	0.0	0.0%	
24.7%	61.1	61.1	0.0	0.0%	
25.9%	61.1	61.1	0.0	0.0%	
27.2%	60.9	60.9	0.0	0.0%	
28.4%	60.7	60.7	0.0	0.0%	
29.6%	60.3	60.4	0.1	0.2%	
30.9%	60.2	60.3	0.1	0.2%	
32.1%	60.2	60.2	0.0	0.0%	
33.3%	59.9	59.9	0.0	0.0%	
34.5%	59.8	59.8	0.0	0.0%	
35.8%	59.7	59.7	0.0	0.0%	
37.0%	59.6	59.6	0.0	0.0%	
38.3%	59.6	59.6	0.0	0.0%	
39.5%	59.5	59.5	0.0	0.0%	
40.7%	59.3	59.3	0.0	0.0%	
42.0%	59.2	59.2	0.0	0.0%	
43.2%	59.1	59.1	0.0	0.0%	
44.4%	59.1	59.1	0.0	0.0%	
45.7%	59.0	58.9	-0.1	-0.2%	
46.9%	58.9	58.9	0.0	0.0%	
48.1%	58.8	58.8	0.0	0.0%	
49.4%	58.8	58.8	0.0	0.0%	
50.6%	58.7	58.7	0.0	0.0%	
51.9%	58.6	58.6	0.0	0.0%	
53.1%	58.5	58.4	-0.1	-0.2%	
54.3%	58.4	58.3	-0.1	-0.2%	
55.6%	58.3	58.2	-0.1	-0.2%	
56.8%	58.1	58.1	0.0	0.0%	
58.0%	58.1	58.1	0.0	0.0%	
59.3%	58.0	58.1	0.1	0.2%	
60.5%	57.9	58.0	0.1	0.2%	
61.7%	57.7	57.9	0.2	0.3%	
63.0%	57.7	57.8	0.1	0.2%	
64.2%	57.7	57.7	0.0	0.0%	
65.4%	57.2	57.6	0.4	0.7%	
66.7%	57.1	57.2	0.1	0.2%	
67.9%	57.1	57.1	0.0	0.0%	
69.1%	57.1	56.8	-0.3	-0.5%	
70.4%	56.8	56.8	0.0	0.0%	
71.6%	56.8	56.7	-0.1	-0.2%	
72.8%	56.6	56.6	0.0	0.0%	
74.1%	56.5	56.5	0.0	0.0%	
75.3%	56.4	56.4	0.0	0.0%	
76.5%	56.4	56.4	0.0	0.0%	
77.8%	56.3	56.4	0.1	0.2%	
79.0%	56.1	56.3	0.2	0.4%	
80.2%	56.1	56			

Table SQ-20-9b
American River at the Mouth, Monthly Temperature Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	74.3	74.2	-0.1	-0.1%
1.2%	74.3	73.6	-0.7	-0.9%
2.5%	73.6	73.0	-0.6	-0.7%
3.7%	73.1	72.8	-0.3	-0.4%
4.9%	72.8	72.5	-0.3	-0.4%
6.2%	72.7	72.2	-0.5	-0.7%
7.4%	72.7	72.2	-0.5	-0.7%
8.6%	72.6	72.2	-0.4	-0.6%
9.9%	72.2	72.2	0.0	0.0%
11.1%	72.2	72.1	-0.1	-0.1%
12.3%	72.1	72.1	0.0	0.0%
13.6%	72.0	72.0	0.0	0.0%
14.8%	71.9	71.8	-0.1	-0.1%
16.0%	71.9	71.8	-0.1	-0.1%
17.3%	71.9	71.6	-0.3	-0.4%
18.5%	71.5	71.5	0.0	0.0%
19.8%	71.3	71.2	-0.1	-0.1%
21.0%	70.9	71.1	0.2	0.3%
22.2%	70.5	71.1	0.6	0.9%
23.5%	70.2	70.7	0.5	0.7%
24.7%	70.1	70.7	0.6	0.9%
25.9%	70.5	70.5	0.0	0.0%
27.2%	69.9	70.2	0.3	0.4%
28.4%	69.7	70.1	0.4	0.6%
29.6%	69.5	69.9	0.4	0.6%
30.9%	69.3	69.8	0.5	0.7%
32.1%	69.3	69.6	0.3	0.4%
33.3%	69.3	69.5	0.2	0.3%
34.5%	69.1	69.4	0.3	0.4%
35.8%	69.0	69.4	0.4	0.6%
37.0%	69.0	69.3	0.3	0.4%
38.3%	68.9	69.2	0.3	0.4%
39.5%	68.7	69.0	0.3	0.4%
40.7%	68.6	69.0	0.4	0.6%
42.0%	68.9	69.3	0.3	0.4%
43.2%	68.6	68.7	0.1	0.1%
44.4%	68.3	68.6	0.3	0.4%
45.7%	68.1	68.6	0.5	0.7%
46.9%	68.1	68.4	0.3	0.4%
48.1%	68.0	68.2	0.2	0.3%
49.4%	67.9	68.1	0.2	0.3%
50.6%	67.8	68.1	0.3	0.4%
51.9%	67.8	67.9	0.1	0.1%
53.1%	67.7	67.9	0.2	0.3%
54.3%	67.4	67.8	0.4	0.6%
55.6%	67.3	67.5	0.2	0.3%
56.8%	67.3	67.5	0.2	0.3%
58.0%	67.2	67.5	0.3	0.4%
59.3%	67.2	67.3	0.1	0.1%
60.5%	66.7	67.2	0.5	0.7%
61.7%	66.6	67.1	0.5	0.8%
63.0%	66.4	66.4	0.0	0.0%
64.2%	66.4	66.4	0.0	0.0%
65.4%	66.3	66.3	0.0	0.0%
66.7%	66.2	66.2	0.0	0.0%
67.9%	66.0	66.0	0.0	0.0%
69.1%	65.9	65.9	0.0	0.0%
70.4%	65.9	65.9	0.0	0.0%
71.6%	65.9	65.8	-0.1	-0.2%
72.8%	65.7	65.7	0.0	0.0%
74.1%	65.6	65.6	0.0	0.0%
75.3%	65.6	65.6	0.0	0.0%
76.5%	65.6	65.6	0.0	0.0%
77.8%	65.4	65.4	0.0	0.0%
79.0%	65.1	65.1	0.0	0.0%
80.2%	64.7	64.7	0.0	0.0%
81.5%	64.6	64.6	0.0	0.0%
82.7%	64.6	64.6	0.0	0.0%
84.0%	64.6	64.6	0.0	0.0%
85.2%	64.4	64.4	0.0	0.0%
86.4%	64.3	64.3	0.0	0.0%
87.7%	64.3	64.3	0.0	0.0%
88.9%	64.2	64.2	0.0	0.0%
90.1%	64.1	64.1	0.0	0.0%
91.4%	64.0	64.0	0.0	0.0%
92.6%	63.9	63.9	0.0	0.0%
93.8%	63.9	63.9	0.0	0.0%
95.1%	63.7	63.6	-0.1	-0.2%
96.3%	63.5	63.5	0.0	0.0%
97.5%	63.3	63.3	0.0	0.0%
98.8%	62.9	62.9	0.0	0.0%
100.0%	62.9	62.9	0.0	0.0%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	78.0	77.7	-0.3	-0.4%
1.2%	77.5	75.6	-1.9	-2.5%
2.5%	74.9	74.9	0.0	0.0%
3.7%	74.5	74.6	0.1	0.1%
4.9%	74.5	74.4	-0.1	-0.1%
6.2%	73.1	73.8	0.7	1.0%
7.4%	72.9	73.5	0.6	0.8%
8.6%	72.7	73.3	0.6	0.8%
9.9%	72.2	73.0	0.8	1.1%
11.1%	72.1	72.2	0.1	0.1%
12.3%	71.9	72.1	0.2	0.3%
13.6%	71.8	72.0	0.2	0.3%
14.8%	71.8	71.9	0.1	0.1%
16.0%	71.6	71.8	0.2	0.3%
17.3%	71.4	71.8	0.4	0.6%
18.5%	71.4	71.7	0.3	0.4%
19.8%	71.3	71.5	0.2	0.3%
21.0%	71.1	71.3	0.2	0.3%
22.2%	71.0	71.3	0.3	0.4%
23.5%	70.7	71.1	0.4	0.6%
24.7%	70.6	71.1	0.5	0.7%
25.9%	70.5	70.5	0.0	0.0%
27.2%	70.4	70.9	0.5	0.7%
28.4%	70.3	70.9	0.6	0.9%
29.6%	70.2	70.8	0.6	0.9%
30.9%	70.2	70.8	0.6	0.9%
32.1%	70.2	70.6	0.4	0.6%
33.3%	70.2	70.5	0.3	0.4%
34.5%	70.1	70.5	0.4	0.6%
35.8%	69.9	70.4	0.5	0.7%
37.0%	69.8	70.2	0.4	0.6%
38.3%	69.7	70.2	0.5	0.7%
39.5%	69.7	70.1	0.4	0.6%
40.7%	69.5	70.1	0.6	0.9%
42.0%	69.4	70.1	0.7	1.0%
43.2%	69.4	69.9	0.5	0.7%
44.4%	69.3	69.9	0.6	0.9%
45.7%	69.3	69.8	0.5	0.7%
46.9%	69.3	69.7	0.4	0.6%
48.1%	69.1	69.6	0.5	0.7%
49.4%	69.1	69.5	0.4	0.6%
50.6%	68.9	69.5	0.6	0.9%
51.9%	68.9	69.4	0.5	0.7%
53.1%	68.7	69.4	0.5	0.7%
54.3%	68.8	69.2	0.4	0.6%
55.6%	68.8	69.1	0.3	0.4%
56.8%	68.7	69.1	0.4	0.6%
58.0%	68.7	69.0	0.3	0.4%
59.3%	68.7	68.9	0.2	0.3%
60.5%	68.7	68.7	0.0	0.0%
61.7%	68.6	68.7	0.1	0.1%
63.0%	68.6	68.7	0.1	0.1%
64.2%	68.6	68.6	0.0	0.0%
65.4%	68.6	68.6	0.0	0.0%
66.7%	68.6	68.6	0.0	0.0%
67.9%	68.4	68.6	0.2	0.3%
69.1%	68.4	68.5	0.1	0.1%
70.4%	68.3	68.4	0.1	0.1%
71.6%	68.3	68.4	0.1	0.1%
72.8%	68.2	68.3	0.1	0.1%
74.1%	68.1	68.3	0.2	0.3%
75.3%	68.1	68.3	0.2	0.3%
76.5%	68.1	68.2	0.1	0.1%
77.8%	68.1	68.2	0.1	0.1%
79.0%	68.0	68.2	0.2	0.3%
80.2%	68.0	68.2	0.2	0.3%
81.5%	68.0	68.0	0.0	0.0%
82.7%	68.0	68.0	0.0	0.0%
84.0%	68.0	68.0	0.0	0.0%
85.2%	67.9	67.9	0.0	0.0%
86.4%	67.9	67.9	0.0	0.0%
87.7%	67.9	67.9	0.0	0.0%
88.9%	67.9	67.8	-0.1	-0.1%
90.1%	67.8	67.8	0.0	0.0%
91.4%	67.8	67.7	-0.1	-0.1%
92.6%	67.8	67.7	-0.1	-0.1%
93.8%	67.6	67.7	0.1	0.1%
95.1%	67.5	67.5	0.0	0.0%
96.3%	67.5	67.5	0.0	0.0%
97.5%	67.5	67.2	-0.3	-0.4%
98.8%	66.9	66.7	-0.2	-0.3%
100.0%	66.9	66.7	-0.2	-0.3%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	75.5	75.5	0.0	0.0%
1.2%	74.7	74.7	0.0	0.0%
2.5%	74.4	74.2	-0.2	-0.3%
3.7%	74.1	73.7	-0.4	-0.5%
4.9%	73.9	73.7	-0.2	-0.3%
6.2%	73.8	73.3	-0.5	-0.7%
7.4%	73.6	73.3	-0.3	-0.4%
8.6%	73.5	73.1	-0.4	-0.5%
9.9%	73.0	73.1	0.1	0.1%
11.1%	73.0	72.8	-0.2	-0.3%
12.3%	72.9	72.6	-0.3	-0.4%
13.6%	72.5	72.5	0.0	0.0%
14.8%	72.4	72.4	0.0	0.0%
16.0%	72.2	72.0	-0.2	-0.3%
17.3%	72.2	72.0	-0.2	-0.3%
18.5%	72.2	71.7	-0.5	-0.7%
19.8%	72.0	71.6	-0.4	-0.6%
21.0%	72.0	71.6	-0.4	-0.6%
22.2%	71.9	71.5	-0.4	-0.6%
23.5%	71.9	71.5	-0.4	-0.6%
24.7%	71.9	71.2	-0.7	-1.0%
25.9%	71.8	71.2	-0.6	-0.8%
27.2%	71.7	70.9	-0.8	-1.1%
28.4%	71.6	70.8	-0.8	-1.1%
29.6%	71.6	70.8	-0.8	-1.1%
30.9%	71.4	70.7	-0.7	-1.0%
32.1%	71.4	70.7	-0.7	-1.0%
33.3%	71.3	70.7	-0.6	-0.8%
34.5%	71.3	70.6	-0.7	-1.0%
35.8%	71.1	70.5	-0.6	-0.8%
37.0%	71.0	70.5	-0.5	-0.7%
38.3%	70.9	70.4	-0.5	-0.7%
39.5%	70.7	70.4	-0.3	-0.4%
40.7%	70.5	70.4	-0.1	-0.1%
42.0%	70.1	70.4	0.3	0.4%
43.2%	70.1	70.3	0.2	0.3%
44.4%	70.1	70.2	0.1	0.1%
45.7%	70.0	70.2	0.2	0.3%
46.9%	70.0	70.2	0.2	0.3%
48.1%	69.9	70.1	0.2	0.3%
49.4%	69.7	70.1	0.4	0.6%
50.6%	69.7	70.1	0.4	0.6%
51.9%	69.7	70.1	0.4	0.6%
53.1%	69.7	69.9	0.2	0.3%
54.3%	69.6	69.8	0.2	0.3%
55.6%	69.6	69.7	0.1	0.1%
56.8%	69.6	69.7	0.1	0.1%
58.0%	69.5	69.5	0.0	0.0%
59.3%	69.4	69.5	0.1	0.1%
60.5%	69.4	69.4	0.0	0.0%
61.7%	69.4	69.4	0.0	0.0%
63.0%	69.4	69.3	-0.1	-0.1%
64.2%	69.4	69.3	-0.1	-0.1%
65.4%	69.3	69.3	0.0	0.0%
66.7%	69.3	69.2	-0.1	-0.1%
67.9%	69.3	69.2	-0.1	-0.1%
69.1%	69.2	69.2	0.0	0.0%
70.4%	68.9	69.1	0.2	0.3%
71.6%	68.9	69.1	0.2	0.3%
72.8%	68.9	69.0	0.1	0.1%
74.1%	68.7	69.0	0.3	0.4%
75.3%	68.7	68.9	0.2	0.3%
76.5%	68.5	68.8	0.3	0.4%
77.8%	68.5	68.7	0.2	0.3%
79.0%	68.4	68.6	0.2	0.3%
80.2%	68.4	68.6	0.2	0.3%
81.5%	68.2	68.5	0.3	0.4%
82.7%	68.2	68.5	0.3	0.4%
84.0%	68.2	68.3	0.1	0.1%
85.2%	68.1	68.2	0.1	0.1%
86.4%	68.1	68.1	0.0	0.0%
87.7%	68.1	68.1	0.0	0.0%
88.9%	68.0	68.1	0.1	0.1%
90.1%	67.8	68.1	0.3	0.4%
91.4%	67.8	68.0	0.2	0.3%
92.6%	67.8	67.9	0.1	0.1%
93.8%	67.8	67.8	0.0	0.0%
95.1%	67.6	67.8	0.2	0.3%
96.3%	67.5	67.4	-0.1	-0.1%
97.5%	67.3	67.3	0.0	0.0%
98.8%	67.0	67.2	0.2	0.3%
100.0%	67.0	67.2	0.2	0.3%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)

Table SQ-33-9a
Trinity River below Lewiston Dam, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	49.4	44.7	40.0	39.4	42.7	47.0	50.2	46.6	50.9	51.3	51.7	50.7
Alternative D	49.3	44.6	39.9	39.5	42.7	46.9	50.3	46.6	50.8	51.1	51.3	50.7
Difference	-0.1	-0.1	-0.1	0.2	0.0	-0.2	0.1	0.0	-0.1	-0.2	-0.4	0.1
Percent Difference ²	-0.2%	-0.2%	-0.2%	0.4%	0.0%	-0.4%	0.2%	-0.1%	-0.2%	-0.4%	-0.7%	0.1%
Water Year Types ²												
Wet (32%)												
No Action Alternative	47.0	44.6	41.5	40.6	43.0	45.9	49.1	45.8	48.3	50.8	51.6	48.6
Alternative D	47.0	44.6	41.3	40.5	43.0	45.8	49.1	45.8	48.3	50.7	50.9	48.8
Difference	0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	-0.2	-0.7	0.2
Percent Difference	0.1%	0.1%	-0.3%	-0.2%	-0.1%	-0.3%	-0.1%	0.0%	0.0%	-0.3%	-1.4%	0.4%
Above Normal (15%)												
No Action Alternative	48.2	43.3	40.2	38.6	42.6	47.3	49.9	45.9	50.6	51.6	50.9	48.8
Alternative D	47.7	43.2	39.8	38.8	42.6	47.2	50.0	45.9	50.5	51.2	49.6	49.4
Difference	-0.5	-0.1	-0.4	0.1	0.0	-0.1	0.1	-0.1	-0.1	-0.4	-1.3	0.6
Percent Difference	-1.1%	-0.2%	-1.1%	0.3%	0.0%	-0.2%	0.2%	-0.2%	-0.2%	-0.8%	-2.5%	1.3%
Below Normal (17%)												
No Action Alternative	50.2	44.7	39.0	38.7	41.9	46.8	51.1	46.4	51.3	52.0	52.0	51.3
Alternative D	50.2	44.7	39.1	38.8	41.9	46.7	51.6	46.5	51.3	51.6	52.2	51.5
Difference	0.0	0.0	0.2	0.1	0.0	-0.2	0.5	0.0	0.0	-0.3	0.1	0.2
Percent Difference	-0.1%	0.1%	0.4%	0.3%	0.0%	-0.4%	1.0%	0.1%	0.0%	-0.6%	0.3%	0.4%
Dry (22%)												
No Action Alternative	49.5	45.0	39.6	38.4	42.4	47.9	51.4	46.7	51.9	50.7	50.1	50.3
Alternative D	49.7	44.7	39.4	39.0	42.4	47.6	51.1	46.6	51.7	50.5	50.5	50.4
Difference	0.2	-0.2	-0.2	0.6	0.0	-0.4	-0.2	-0.1	-0.2	-0.3	0.4	0.1
Percent Difference	0.4%	-0.5%	-0.4%	1.5%	0.1%	-0.8%	-0.4%	-0.2%	-0.5%	-0.5%	0.8%	0.2%
Critical (15%)												
No Action Alternative	54.5	45.7	38.2	39.4	43.1	48.0	50.2	49.3	55.5	52.5	54.4	56.6
Alternative D	53.8	45.5	38.4	39.7	43.2	47.8	50.4	49.2	55.3	52.6	53.9	55.6
Difference	-0.7	-0.2	0.1	0.2	0.1	-0.2	0.2	-0.1	-0.2	0.1	-0.5	-1.0
Percent Difference	-1.3%	-0.5%	0.3%	0.6%	0.2%	-0.3%	0.4%	-0.2%	-0.3%	0.2%	-0.9%	-1.8%

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

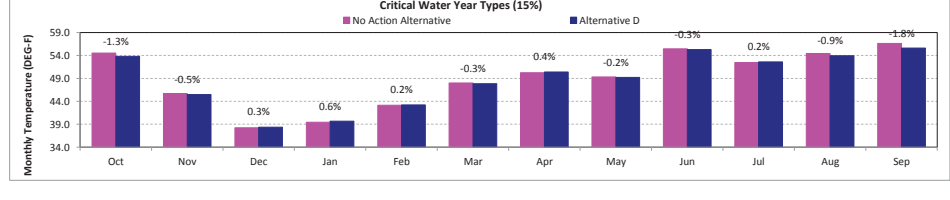
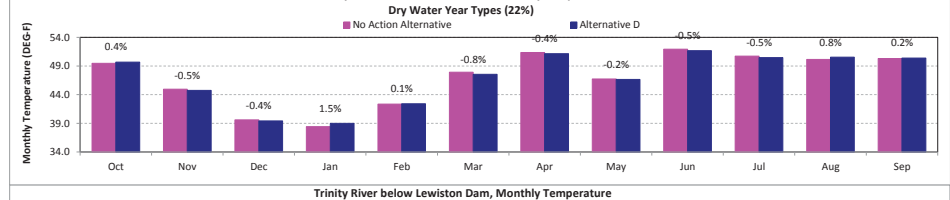
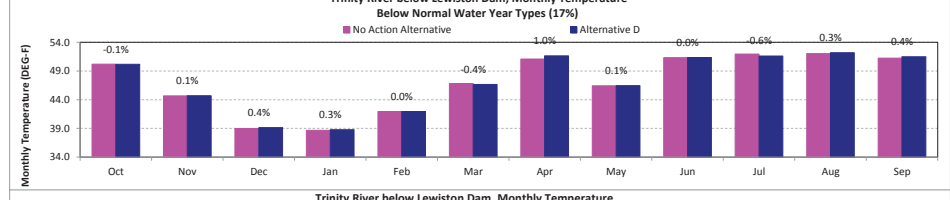
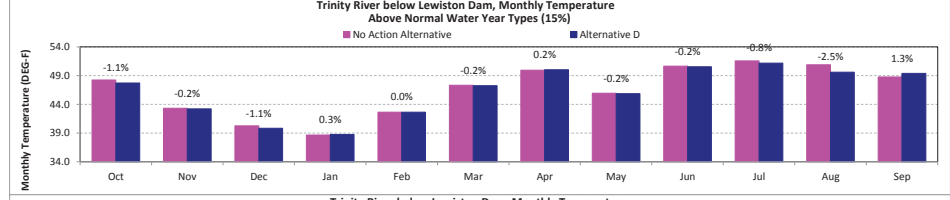
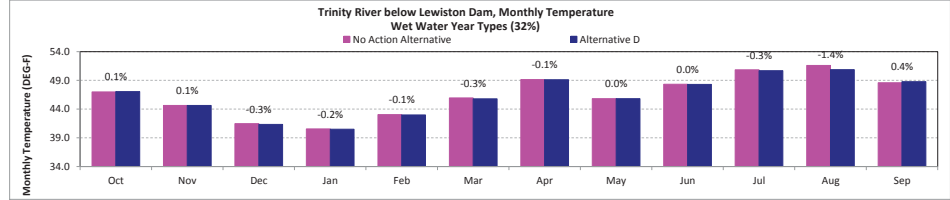
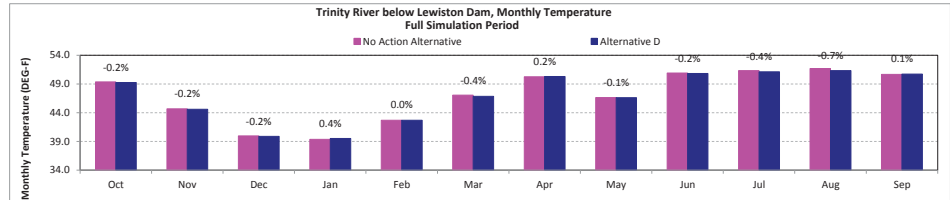


Figure SQ-33-9b
 Trinity River below Lewiston Dam, Monthly Temperature
 Probability of Exceedance

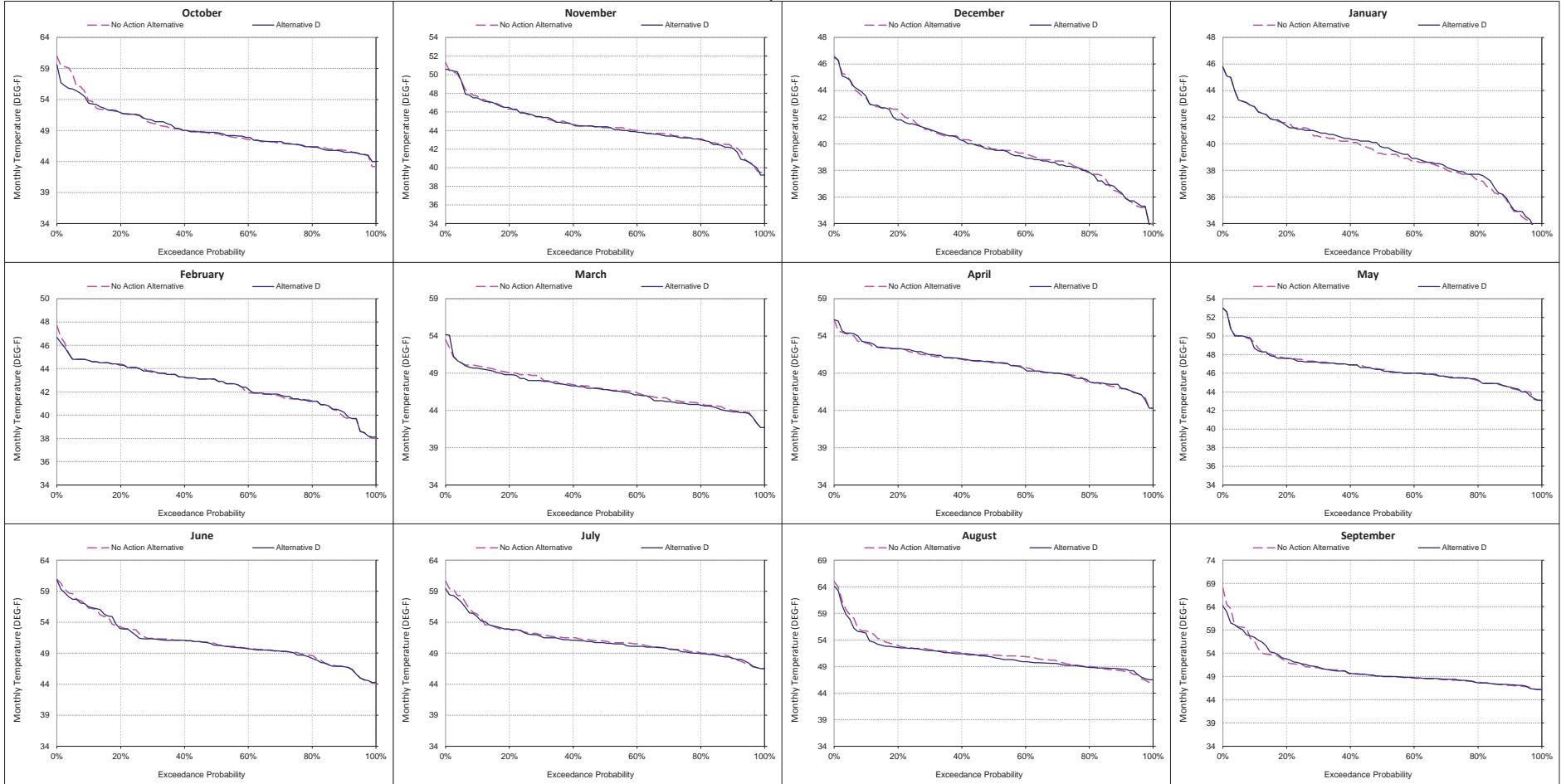


Table SQ-33-9b
Trinity River below Lewiston Dam, Monthly Temperature Probability of Exceedance

Percent Exceedance Probability (%)	October			
	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	61.0	59.6	-1.4	-2.3%
1.2%	59.5	56.7	-2.8	-4.7%
2.5%	59.3	56.2	-3.1	-5.2%
3.7%	59.1	55.8	-3.3	-5.6%
4.9%	58.1	55.7	-2.4	-4.1%
6.2%	56.1	55.4	-0.7	-1.2%
7.4%	56.1	55.0	-1.1	-2.0%
8.6%	55.4	54.5	-0.9	-1.6%
9.9%	53.8	53.4	-0.4	-0.7%
11.1%	53.7	53.3	-0.4	-0.7%
12.3%	52.6	53.2	0.6	1.1%
13.6%	52.4	52.8	0.4	0.8%
14.8%	52.4	52.6	0.2	0.4%
16.0%	52.3	52.3	0.0	0.0%
17.3%	52.2	52.3	0.1	0.2%
18.5%	52.1	52.2	0.1	0.2%
19.8%	51.8	51.9	0.1	0.2%
21.0%	51.7	51.7	0.0	0.0%
22.2%	51.6	51.7	0.1	0.2%
23.5%	51.6	51.6	0.0	0.0%
24.7%	51.5	51.6	0.1	0.2%
25.9%	51.5	51.5	0.0	0.0%
27.2%	50.9	51.0	0.1	0.2%
28.4%	50.4	50.8	0.4	0.8%
29.6%	50.2	50.7	0.5	1.0%
30.9%	50.1	50.4	0.3	0.6%
32.1%	49.8	50.4	0.6	1.2%
33.3%	49.7	50.4	0.7	1.4%
34.5%	49.6	50.1	0.5	1.0%
35.8%	49.3	49.9	0.6	1.2%
37.0%	49.3	49.4	0.1	0.2%
38.3%	49.3	49.3	0.0	0.0%
39.5%	49.1	49.0	-0.1	-0.2%
40.7%	49.0	49.0	0.0	0.0%
42.0%	48.9	48.9	-0.1	-0.2%
43.2%	48.9	48.8	-0.1	-0.2%
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	0.0	0.0%
48.1%	48.5	48.7	0.2	0.4%
49.4%	48.5	48.7	0.2	0.4%
50.6%	48.5	48.6	0.1	0.2%
51.9%	48.2	48.5	0.3	0.6%
53.1%	48.2	48.2	0.0	0.0%
54.3%	48.0	48.2	0.2	0.4%
55.6%	47.9	48.2	0.3	0.6%
56.8%	47.8	48.1	0.3	0.6%
58.0%	47.8	48.1	0.3	0.6%
59.3%	47.6	47.9	0.3	0.6%
60.5%	47.5	47.9	0.4	0.8%
61.7%	47.5	47.4	-0.1	-0.2%
63.0%	47.4	47.4	0.0	0.0%
64.2%	47.2	47.3	0.1	0.2%
65.4%	47.2	47.3	0.1	0.2%
66.7%	47.2	47.2	0.0	0.0%
67.9%	47.2	47.2	0.0	0.0%
69.1%	47.0	47.2	0.2	0.4%
70.4%	46.9	47.2	0.3	0.6%
71.6%	46.9	46.9	0.0	0.0%
72.8%	46.8	46.9	0.1	0.2%
74.1%	46.8	46.8	0.0	0.0%
75.3%	46.7	46.8	0.1	0.2%
76.5%	46.7	46.6	-0.1	-0.2%
77.8%	46.5	46.4	-0.1	-0.2%
79.0%	46.4	46.4	0.0	0.0%
80.2%	46.4	46.3	-0.1	-0.2%
81.5%	46.4	46.3	-0.1	-0.2%
82.7%	46.3	46.1	-0.2	-0.4%
84.0%	46.2	45.9	-0.3	-0.6%
85.2%	46.0	45.8	-0.2	-0.4%
86.4%	46.0	45.8	-0.2	-0.4%
87.7%	45.9	45.8	-0.1	-0.2%
88.9%	45.9	45.7	-0.2	-0.4%
90.1%	45.8	45.5	-0.3	-0.7%
91.4%	45.8	45.5	-0.3	-0.7%
92.6%	45.5	45.5	0.0	0.0%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.3	45.2	-0.1	-0.2%
96.3%	45.2	45.1	-0.1	-0.2%
97.5%	45.0	45.0	0.0	0.0%
98.8%	43.2	44.0	0.8	1.9%
100.0%	43.2	44.0	0.8	1.9%

Percent Exceedance Probability (%)	November			
	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	51.3	50.6	-0.7	-1.4%
1.2%	50.4	50.5	0.1	0.2%
2.5%	50.3	50.4	0.1	0.2%
3.7%	50.1	50.3	0.2	0.4%
4.9%	49.3	49.3	0.0	0.0%
6.2%	48.4	47.9	-0.5	-1.0%
7.4%	48.1	47.8	-0.3	-0.6%
8.6%	47.8	47.5	-0.3	-0.6%
9.9%	47.7	47.5	-0.2	-0.4%
11.1%	47.4	47.3	-0.1	-0.2%
12.3%	47.3	47.1	-0.2	-0.4%
13.6%	47.0	47.1	0.1	0.2%
14.8%	47.0	47.0	0.0	0.0%
16.0%	46.9	46.8	-0.1	-0.2%
17.3%	46.7	46.6	-0.1	-0.2%
18.5%	46.4	46.5	0.1	0.2%
19.8%	46.3	46.5	0.2	0.4%
21.0%	46.3	46.3	0.0	0.0%
22.2%	46.2	46.3	0.1	0.2%
23.5%	46.0	45.9	-0.1	-0.2%
24.7%	45.9	45.9	0.0	0.0%
25.9%	45.7	45.7	0.0	0.0%
27.2%	45.7	45.7	0.0	0.0%
28.4%	45.5	45.5	0.0	0.0%
29.6%	45.5	45.5	0.0	0.0%
30.9%	45.3	45.4	0.1	0.2%
32.1%	45.2	45.4	0.2	0.4%
33.3%	45.1	45.2	0.1	0.2%
34.5%	45.0	44.9	-0.1	-0.2%
35.8%	45.0	44.9	-0.1	-0.2%
37.0%	45.0	44.8	-0.2	-0.4%
38.3%	44.8	44.8	0.0	0.0%
39.5%	44.8	44.7	-0.1	-0.2%
40.7%	44.6	44.5	-0.1	-0.2%
42.0%	44.5	44.5	0.0	0.0%
43.2%	44.5	44.5	0.0	0.0%
44.4%	44.5	44.5	0.0	0.0%
45.7%	44.5	44.5	0.0	0.0%
46.9%	44.4	44.4	0.0	0.0%
48.1%	44.4	44.4	0.0	0.0%
49.4%	44.3	44.4	0.1	0.2%
50.6%	44.3	44.4	0.1	0.2%
51.9%	44.3	44.3	0.0	0.0%
53.1%	44.3	44.1	-0.2	-0.5%
54.3%	44.3	44.1	-0.2	-0.5%
55.6%	44.3	44.0	-0.3	-0.7%
56.8%	44.1	44.0	-0.1	-0.2%
58.0%	44.1	43.9	-0.2	-0.5%
59.3%	44.0	43.9	-0.1	-0.2%
60.5%	44.0	43.8	-0.2	-0.5%
61.7%	43.8	43.8	0.0	0.0%
63.0%	43.7	43.7	0.0	0.0%
64.2%	43.7	43.7	0.0	0.0%
65.4%	43.7	43.6	-0.1	-0.2%
66.7%	43.7	43.6	-0.1	-0.2%
67.9%	43.7	43.5	-0.2	-0.5%
69.1%	43.6	43.4	-0.2	-0.5%
70.4%	43.6	43.4	-0.2	-0.5%
71.6%	43.4	43.4	0.0	0.0%
72.8%	43.4	43.3	-0.1	-0.2%
74.1%	43.3	43.2	-0.1	-0.2%
75.3%	43.3	43.2	-0.1	-0.2%
76.5%	43.2	43.2	0.0	0.0%
77.8%	43.2	43.1	-0.1	-0.2%
79.0%	43.1	43.1	0.0	0.0%
80.2%	43.1	43.0	-0.1	-0.2%
81.5%	42.9	42.9	0.0	0.0%
82.7%	42.7	42.8	0.1	0.2%
84.0%	42.7	42.5	-0.2	-0.5%
85.2%	42.6	42.5	-0.1	-0.2%
86.4%	42.6	42.4	-0.2	-0.5%
87.7%	42.5	42.2	-0.3	-0.7%
88.9%	42.5	42.2	-0.3	-0.7%
90.1%	42.2	42.1	-0.1	-0.2%
91.4%	42.1	41.7	-0.4	-1.0%
92.6%	41.7	40.9	-0.8	-1.9%
93.8%	40.9	40.8	-0.1	-0.2%
95.1%	40.6	40.6	0.0	0.0%
96.3%	40.5	40.5	0.0	0.0%
97.5%	39.7	40.0	0.3	0.8%
98.8%	39.5	39.2	-0.3	-0.8%
100.0%	39.5	39.2	-0.3	-0.8%

Percent Exceedance Probability (%)	December			
	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	46.6	46.5	-0.1	-0.2%
1.2%	46.3	46.3	0.0	0.0%
2.5%	45.3	45.1	-0.2	-0.4%
3.7%	45.2	45.0	-0.2	-0.4%
4.9%	44.8	44.8	0.0	0.0%
6.2%	44.1	44.3	0.2	0.5%
7.4%	43.9	44.1	0.2	0.5%
8.6%	43.6	43.9	0.3	0.7%
9.9%	43.5	43.6	0.1	0.2%
11.1%	43.3	43.0	-0.3	-0.6%
12.3%	42.8	42.9	0.1	0.2%
13.6%	42.8	42.9	0.1	0.2%
14.8%	42.7	42.7	0.0	0.0%
16.0%	42.7	42.7	0.0	0.0%
17.3%	42.7	42.6	-0.1	-0.2%
18.5%	42.6	42.0	-0.6	-1.4%
19.8%	42.6	41.8	-0.8	-1.9%
21.0%	42.3	41.8	-0.5	-1.2%
22.2%	42.0	41.6	-0.4	-1.0%
23.5%	41.9	41.5	-0.4	-1.0%
24.7%	41.8	41.5	-0.3	-0.7%
25.9%	41.5	41.2	-0.3	-0.7%
27.2%	41.3	41.3	0.0	0.0%
28.4%	41.1	41.2	0.1	0.2%
29.6%	41.1	41.1	0.0	0.0%
30.9%	40.9	41.0	0.1	0.2%
32.1%	40.8	40.9	0.1	0.2%
33.3%	40.7	40.8	0.1	0.2%
34.5%	40.6	40.7	0.1	0.2%
35.8%	40.6	40.6	0.0	0.0%
37.0%	40.6	40.6	0.0	0.0%
38.3%	40.6	40.5	-0.1	-0.2%
39.5%	40.4	40.3	-0.1	-0.2%
40.7%	40.3	40.2	-0.1	-0.2%
42.0%	40.3	40.3	0.0	0.0%
43.2%	40.2	40.0	-0.2	-0.5%
44.4%	39.9	39.9	0.0	0.0%
45.7%	39.8	39.9	0.1	0.3%
46.9%	39.8	39.7	-0.1	-0.3%
48.1%	39.8	39.6	-0.2	-0.5%
49.4%	39.6	39.6	0.0	0.0%
50.6%	39.6	39.5	-0.1	-0.3%
51.9%	39.6	39.5	-0.1	-0.3%
53.1%	39.5	39.5	0.0	0.0%
54.3%	39.5	39.4	-0.1	-0.3%
55.6%	39.5	39.2	-0.3	-0.8%
56.8%	39.4	39.1	-0.3	-0.8%
58.0%	39.3	39.1	-0.2	-0.5%
59.3%	39.3	39.0	-0.3	-0.8%
60.5%	39.2	38.9	-0.3	-0.8%
61.7%	39.1	38.9	-0.2	-0.5%
63.0%	39.0	38.8	-0.2	-0.5%
64.2%	38.9	38.8	-0.1	-0.3%
65.4%	38.8	38.7	-0.1	-0.3%
66.7%	38.8	38.7	-0.1	-0.3%
67.9%	38.8	38.6	-0.2	-0.5%
69.1%	38.7	38.6	-0.1	-0.3%
70.4%	38.7	38.4	-0.3	-0.8%
71.6%	38.7	38.4	-0.3	-0.8%
72.8%	38.6	38.3	-0.3	-0.8%
74.1%	38.5	38.3	-0.2	-0.5%
75.3%	38.3	38.2	-0.1	-0.3%
76.5%	38.3	38.2	-0.1	-0.3%
77.8%	38.1	38.0	-0.1	-0.3%
79.0%	37.9	38.0	0.1	0.3%
80.2%	37.8	37.8	0.0	0.0%
81.5%	37.7	37.6	-0.1	-0.3%
82.7%	37.7	37.2	-0.5	-1.3%
84.0%	37.6	37.2	-0.4	-1.1%
85.2%	37.3	36.9	-0.4	-1.1%
86.4%	36.8	36.9	0.1	0.3%
87.7%	36.8	36.5	-0.3	-0.8%
88.9%	36.4	36.5	0.1	0.3%
90.1%	36.2	36.3	0.1	0.3%
91.4%	35.9	35.9	0.0	0.0%
92.6%	35.7	35.7	0.0	0.0%
93.8%	35.5	35.7	0.2	0.6%
95.1%	35.3	35.5	0.2	0.6%
96.3%	35.2	35.2	0.0	0.0%
97.5%	35.2	35.3	0.1	0.3%
98.8%	34.0	33.9	-0.1	-0.3%
100.0%	34.0	33.9	-0.1	-0.3%

Percent Exceedance Probability (%)	January			
	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	

Table SQ-33-9b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

February						March						April						May					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)		Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)		Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)		Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	47.7	46.7	-1.0	-2.1%		0.0%	53.5	54.2	0.7	1.3%		0.0%	56.2	56.2	0.0	0.0%		0.0%	53.0	53.0	0.0	0.0%	
1.2%	46.7	46.2	-0.5	-1.1%		1.2%	52.4	54.1	1.7	3.2%		1.2%	54.7	56.0	1.3	2.4%		1.2%	52.6	52.6	0.0	0.0%	
2.5%	46.2	45.8	-0.4	-0.9%		2.5%	51.2	51.3	0.1	0.2%		2.5%	54.5	54.5	0.0	0.0%		2.5%	50.8	50.8	0.0	0.0%	
3.7%	45.8	45.3	-0.5	-1.1%		3.7%	50.7	50.7	0.0	0.0%		3.7%	54.4	54.4	0.1	0.2%		3.7%	50.1	50.1	-0.1	-0.2%	
4.9%	44.8	44.8	0.0	0.0%		4.9%	50.4	50.4	0.0	0.0%		4.9%	54.3	54.4	0.1	0.2%		4.9%	50.0	50.0	0.0	0.0%	
6.2%	44.8	44.8	0.0	0.0%		6.2%	50.1	50.0	-0.1	-0.2%		6.2%	54.0	54.3	0.3	0.6%		6.2%	50.0	50.0	0.0	0.0%	
7.4%	44.8	44.8	0.0	0.0%		7.4%	50.1	49.8	-0.3	-0.6%		7.4%	53.3	54.0	0.7	1.3%		7.4%	49.8	49.9	0.1	0.2%	
8.6%	44.8	44.8	0.0	0.0%		8.6%	50.1	49.7	-0.4	-0.8%		8.6%	53.2	53.3	0.1	0.2%		8.6%	49.7	49.8	0.1	0.2%	
9.9%	44.7	44.7	0.0	0.0%		9.9%	50.0	49.7	-0.3	-0.6%		9.9%	53.1	53.2	0.1	0.2%		9.9%	49.3	49.7	-0.6	-1.2%	
11.1%	44.6	44.6	0.0	0.0%		11.1%	49.9	49.6	-0.3	-0.6%		11.1%	53.0	53.1	0.2	0.4%		11.1%	48.7	48.4	-0.3	-0.6%	
12.3%	44.6	44.6	0.0	0.0%		12.3%	49.8	49.5	-0.3	-0.6%		12.3%	52.5	52.9	0.4	0.8%		12.3%	48.3	48.3	0.0	0.0%	
13.6%	44.5	44.5	0.0	0.0%		13.6%	49.7	49.4	-0.3	-0.6%		13.6%	52.5	52.5	0.0	0.0%		13.6%	48.1	48.3	0.2	0.4%	
14.8%	44.5	44.5	0.0	0.0%		14.8%	49.6	49.3	-0.3	-0.6%		14.8%	52.4	52.5	0.1	0.2%		14.8%	48.1	47.9	-0.2	-0.4%	
16.0%	44.5	44.5	0.0	0.0%		16.0%	49.4	49.1	-0.3	-0.6%		16.0%	52.4	52.4	0.0	0.0%		16.0%	47.9	47.8	-0.1	-0.2%	
17.3%	44.4	44.4	0.0	0.0%		17.3%	49.3	49.0	-0.3	-0.6%		17.3%	52.3	52.4	0.1	0.2%		17.3%	47.8	47.6	-0.2	-0.4%	
18.5%	44.4	44.4	0.0	0.0%		18.5%	49.2	48.8	-0.4	-0.8%		18.5%	52.3	52.3	0.0	0.0%		18.5%	47.7	47.6	-0.1	-0.2%	
19.8%	44.4	44.3	-0.1	-0.2%		19.8%	49.1	48.8	-0.3	-0.6%		19.8%	52.3	52.3	0.0	0.0%		19.8%	47.6	47.6	0.0	0.0%	
21.0%	44.3	44.3	0.0	0.0%		21.0%	49.1	48.8	-0.3	-0.6%		21.0%	52.3	52.3	0.0	0.0%		21.0%	47.6	47.6	0.0	0.0%	
22.2%	44.1	44.1	0.0	0.0%		22.2%	49.0	48.7	-0.3	-0.6%		22.2%	52.2	52.2	0.0	0.0%		22.2%	47.6	47.5	-0.1	-0.2%	
23.5%	44.1	44.1	0.0	0.0%		23.5%	48.8	48.3	-0.5	-1.0%		23.5%	51.9	52.2	0.3	0.6%		23.5%	47.5	47.3	-0.2	-0.4%	
24.7%	44.1	44.1	0.0	0.0%		24.7%	48.8	48.3	-0.5	-1.0%		24.7%	51.8	52.0	0.2	0.4%		24.7%	47.5	47.3	-0.2	-0.4%	
25.9%	44.0	44.0	0.0	0.0%		25.9%	48.0	48.0	0.0	0.0%		25.9%	51.9	51.9	0.0	0.0%		25.9%	47.3	47.2	-0.1	-0.2%	
27.2%	44.0	43.8	-0.2	-0.5%		27.2%	48.7	48.0	-0.7	-1.4%		27.2%	51.5	51.9	0.4	0.8%		27.2%	47.4	47.2	-0.1	-0.2%	
28.4%	43.8	43.8	0.0	0.0%		28.4%	48.7	48.0	-0.7	-1.4%		28.4%	51.5	51.7	0.2	0.4%		28.4%	47.3	47.2	-0.1	-0.2%	
29.6%	43.7	43.8	0.1	0.2%		29.6%	48.5	48.0	-0.5	-1.0%		29.6%	51.4	51.5	0.1	0.2%		29.6%	47.2	47.2	0.0	0.0%	
30.9%	43.6	43.7	0.1	0.2%		30.9%	48.0	47.9	-0.1	-0.2%		30.9%	51.3	51.5	0.2	0.4%		30.9%	47.2	47.1	-0.1	-0.2%	
32.1%	43.6	43.6	0.0	0.0%		32.1%	48.0	47.9	-0.1	-0.2%		32.1%	51.2	51.4	0.2	0.4%		32.1%	47.2	47.1	-0.1	-0.2%	
33.3%	43.6	43.6	0.0	0.0%		33.3%	47.9	47.8	-0.1	-0.2%		33.3%	51.2	51.4	0.2	0.4%		33.3%	47.1	47.1	0.0	0.0%	
34.5%	43.6	43.5	-0.1	-0.2%		34.5%	47.9	47.6	-0.3	-0.6%		34.5%	51.1	51.1	0.0	0.0%		34.5%	47.1	47.1	0.0	0.0%	
35.8%	43.5	43.5	0.0	0.0%		35.8%	47.6	47.6	0.0	0.0%		35.8%	51.1	51.1	0.0	0.0%		35.8%	47.0	47.0	0.0	0.0%	
37.0%	43.5	43.5	0.0	0.0%		37.0%	47.6	47.5	-0.1	-0.2%		37.0%	51.0	51.1	0.1	0.2%		37.0%	47.0	47.0	0.0	0.0%	
38.3%	43.3	43.3	0.0	0.0%		38.3%	47.6	47.4	-0.2	-0.4%		38.3%	51.0	51.0	0.0	0.0%		38.3%	47.0	47.0	0.0	0.0%	
39.5%	43.3	43.3	0.0	0.0%		39.5%	47.5	47.3	-0.2	-0.4%		39.5%	50.9	51.0	0.1	0.2%		39.5%	46.9	46.9	0.0	0.0%	
40.7%	43.2	43.2	0.0	0.0%		40.7%	47.4	47.3	-0.1	-0.2%		40.7%	50.8	50.9	0.1	0.2%		40.7%	46.9	46.9	0.0	0.0%	
42.0%	43.2	43.2	0.0	0.0%		42.0%	47.4	47.2	-0.2	-0.4%		42.0%	50.8	50.9	0.1	0.2%		42.0%	46.9	46.9	0.0	0.0%	
43.2%	43.2	43.2	0.0	0.0%		43.2%	47.3	47.2	-0.1	-0.2%		43.2%	50.7	50.7	0.0	0.0%		43.2%	46.9	46.6	-0.3	-0.6%	
44.4%	43.1	43.1	0.0	0.0%		44.4%	47.3	47.0	-0.3	-0.6%		44.4%	50.6	50.7	0.1	0.2%		44.4%	46.7	46.6	-0.1	-0.2%	
45.7%	43.1	43.1	0.0	0.0%		45.7%	47.2	47.0	-0.2	-0.4%		45.7%	50.6	50.7	0.1	0.2%		45.7%	46.6	46.6	0.0	0.0%	
46.9%	43.1	43.1	0.0	0.0%		46.9%	47.0	47.0	0.0	0.0%		46.9%	50.6	50.6	0.0	0.0%		46.9%	46.6	46.5	-0.1	-0.2%	
48.1%	43.1	43.1	0.0	0.0%		48.1%	47.0	46.9	-0.1	-0.2%		48.1%	50.6	50.6	0.0	0.0%		48.1%	46.5	46.4	-0.1	-0.2%	
49.4%	43.1	43.1	0.0	0.0%		49.4%	46.9	46.8	-0.1	-0.2%		49.4%	50.5	50.5	0.0	0.0%		49.4%	46.4	46.4	0.0	0.0%	
50.6%	42.9	42.9	0.0	0.0%		50.6%	46.8	46.8	0.0	0.0%		50.6%	50.4	50.4	0.0	0.0%		50.6%	46.4	46.2	-0.2	-0.4%	
51.9%	42.9	42.9	0.0	0.0%		51.9%	46.7	46.7	0.0	0.0%		51.9%	50.4	50.4	0.0	0.0%		51.9%	46.2	46.2	0.0	0.0%	
53.1%	42.7	42.7	0.0	0.0%		53.1%	46.7	46.6	-0.1	-0.2%		53.1%	50.3	50.4	0.1	0.2%		53.1%	46.2	46.1	-0.1	-0.2%	
54.3%	42.7	42.7	0.0	0.0%		54.3%	46.7	46.6	-0.1	-0.2%		54.3%	50.3	50.3	0.0	0.0%		54.3%	46.1	46.1	0.0	0.0%	
55.6%	42.7	42.7	0.0	0.0%		55.6%	46.7	46.5	-0.2	-0.4%		55.6%	50.1	50.0	-0.1	-0.2%		55.6%	46.1	46.1	0.0	0.0%	
56.8%	42.6	42.6	0.0	0.0%		56.8%	46.6	46.4	-0.2	-0.4%		56.8%	50.0	50.0	0.0	0.0%		56.8%	46.0	46.0	0.0	0.0%	
58.0%	42.4	42.4	0.0	0.0%		58.0%	46.6	46.3	-0.3	-0.6%		58.0%	50.0	49.9	-0.1	-0.2%		58.0%	46.0	46.0	0.0	0.0%	
59.3%	42.0	42.4	0.4	1.0%		59.3%	46.5	46.1	-0.4	-0.9%		59.3%	49.9	49.7	-0.2	-0.4%		59.3%	46.0	46.0	0.0	0.0%	
60.5%	41.9	42.1	0.2	0.5%		60.5%	46.3	46.1	-0.2	-0.4%		60.5%	49.7	49.3	-0.4	-0.8%		60.5%	46.0	46.0	0.0	0.0%	
61.7%	41.9	41.9	0.0	0.0%		61.7%	46.1	46.0	-0.1	-0.2%		61.7%	49.6	49.3	-0.3	-0.6%		61.7%	46.0	46.0	0.0	0.0%	
63.0%	41.9	41.9	0.0	0.0%		63.0%	46.0	46.0	0.0	0.0%		63.0%	49.3	49.3	0.0	0.0%		63.0%	46.0	45.9	-0.1	-0.2%	
64.2%	41.8	41.9	0.1	0.2%		64.2%	45.9	45.7	-0.2	-0.4%		64.2%	49.3	49.3	0.0	0.0%		64.2%	46.0	45.9	-0.1	-0.2%	
65.4%	41.8	41.8	0.0	0.0%		65.4%	45.8	45.3	-0.5	-1.1%		65.4%	49.1	49.2	0.1	0.2%		65.4%	45.9	45.9	0.0	0.0%	
66.7%	41.8	41.8	0.0	0.0%		66.7%	45.7	45.3	-0.4	-0.9%		66.7%	49.1	49.1	0.0	0.0%		66.7%	45.8	45.9	0.1	0.2%	
67.9%	41.7	41.8	0.1	0.2%		67.9%	45.7	45.3	-0.4	-0.9%		67.9%	49.0	49.1	0.1	0.2%		67.9%	45.7	45.7	0.0	0.0%	
69.1%	41.7	41.8	0.1	0.2%		69.1%	45.7	45.2	-0.5	-1.1%		69.1%	49.0	49.0	0.0	0.0%		69.1%	45.7	45.7	0.0	0.0%	
70.4%	41.6	41.7	0.1	0.2%		70.4%	45.4	45.2	-0.2	-0.4%		70.4%	49.0	49.0	0.0	0.0%		70.4%	45.6	45.6	0.0	0.0%	
71.6%	41.4	41.6	0.2	0.5%		71.6%	45.3	45.1	-0.2	-0.4%		71.6%	48.9	48.9	0.0	0.0%		71.6%	45.6	45.5	-0.1	-0.2%	
72.8%	41.4	41.6	0.2	0.5%		72.8%	45.3	45.0	-0.3	-0.7%		72.8%	48.9	48.8	-0.1	-0.2%		72.8%	45.6	45.5	-0.1	-0.2%	
74.1%	41.4	41.4	0.0	0.0%		74.1%	45.2	45.0	-0.2	-0.4%		74.1%	48.8	48.7	-0.1	-0.2%		74.1%	45.5	45.5	0.0	0.0%	
75.3%	41.4	41.4	0.0	0.0%		75.3%	45.1	44.9	-0.2	-0.4%		75.3%	48.7	48.4	-0.3	-0.6%		75.3%	45.5	45.5	0.0	0.0%	
76.5%	41.4	41.3	-0.1	-0.2%		76.5%	45.1	44.8	-0.3	-0.7%		76.5%	48.5	48.3	-0.2	-0.4%		76.5%	45.4	45.5	0.1	0.2%	
77.8%	41.3	41.3	0.0	0.0%		77.8%	45.1	44.8	-0.3	-0.7%													

Table SQ-33-9b
Trinity River below Lewiston Dam, Monthly Temperature
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.9	60.8	-0.1	-0.2%	
1.2%	60.3	59.3	-1.0	-1.7%	
2.5%	59.3	58.7	-0.6	-1.0%	
3.7%	58.7	58.1	-0.6	-1.0%	
4.9%	58.6	57.7	-0.9	-1.5%	
6.2%	57.7	57.7	0.0	0.0%	
7.4%	57.5	57.1	-0.4	-0.7%	
8.6%	57.1	57.0	-0.1	-0.2%	
9.9%	56.3	56.5	0.2	0.4%	
11.1%	56.2	56.3	0.1	0.2%	
12.3%	56.0	56.2	0.2	0.4%	
13.6%	55.2	56.0	0.8	1.4%	
14.8%	54.9	55.3	0.4	0.7%	
16.0%	54.9	55.0	0.1	0.2%	
17.3%	53.7	54.9	1.2	2.2%	
18.5%	53.4	53.7	0.3	0.6%	
19.8%	53.3	53.0	-0.3	-0.6%	
21.0%	53.0	52.9	-0.1	-0.2%	
22.2%	52.9	52.9	0.0	0.0%	
23.5%	52.8	52.4	-0.4	-0.8%	
24.7%	52.8	51.9	-0.9	-1.7%	
25.9%	52.7	51.4	-1.3	-2.5%	
27.2%	51.7	51.3	-0.4	-0.8%	
28.4%	51.4	51.3	-0.1	-0.2%	
29.6%	51.4	51.3	-0.1	-0.2%	
30.9%	51.4	51.3	-0.1	-0.2%	
32.1%	51.3	51.2	-0.1	-0.2%	
33.3%	51.3	51.1	-0.2	-0.4%	
34.5%	51.3	51.1	-0.2	-0.4%	
35.8%	51.2	51.1	-0.1	-0.2%	
37.0%	51.1	51.1	0.0	0.0%	
38.3%	51.1	51.1	0.0	0.0%	
39.5%	51.1	51.1	0.0	0.0%	
40.7%	51.0	51.0	0.0	0.0%	
42.0%	51.0	51.0	0.0	0.0%	
43.2%	50.9	50.9	0.0	0.0%	
44.4%	50.9	50.9	0.0	0.0%	
45.7%	50.8	50.8	0.0	0.0%	
46.9%	50.8	50.7	-0.1	-0.2%	
48.1%	50.7	50.6	-0.1	-0.2%	
49.4%	50.6	50.3	-0.3	-0.6%	
50.6%	50.3	50.3	0.0	0.0%	
51.9%	50.3	50.2	-0.1	-0.2%	
53.1%	50.1	50.1	0.0	0.0%	
54.3%	50.1	50.0	-0.1	-0.2%	
55.6%	50.1	50.0	-0.1	-0.2%	
56.8%	50.0	49.9	-0.1	-0.2%	
58.0%	49.9	49.8	-0.1	-0.2%	
59.3%	49.8	49.8	0.0	0.0%	
60.5%	49.8	49.7	-0.1	-0.2%	
61.7%	49.7	49.6	-0.1	-0.2%	
63.0%	49.6	49.5	-0.1	-0.2%	
64.2%	49.6	49.5	-0.1	-0.2%	
65.4%	49.5	49.5	0.0	0.0%	
66.7%	49.5	49.5	0.0	0.0%	
67.9%	49.4	49.4	0.0	0.0%	
69.1%	49.3	49.4	0.1	0.2%	
70.4%	49.3	49.3	0.0	0.0%	
71.6%	49.3	49.3	0.0	0.0%	
72.8%	49.2	49.2	0.0	0.0%	
74.1%	49.2	49.1	-0.1	-0.2%	
75.3%	49.1	48.7	-0.4	-0.8%	
76.5%	48.9	48.7	-0.2	-0.4%	
77.8%	48.8	48.6	-0.2	-0.4%	
79.0%	48.7	48.4	-0.3	-0.6%	
80.2%	48.6	48.1	-0.5	-1.0%	
81.5%	48.1	47.9	-0.2	-0.4%	
82.7%	47.9	47.5	-0.4	-0.8%	
84.0%	47.4	47.4	0.0	0.0%	
85.2%	47.2	47.1	-0.1	-0.2%	
86.4%	47.1	46.9	-0.2	-0.4%	
87.7%	46.9	46.9	0.0	0.0%	
88.9%	46.9	46.8	-0.1	-0.2%	
90.1%	46.8	46.8	0.0	0.0%	
91.4%	46.7	46.7	0.0	0.0%	
92.6%	46.3	46.4	0.1	0.2%	
93.8%	45.6	45.6	0.0	0.0%	
95.1%	45.0	45.0	0.0	0.0%	
96.3%	44.7	44.7	0.0	0.0%	
97.5%	44.6	44.6	0.0	0.0%	
98.8%	44.2	44.3	0.1	0.2%	
100.0%	44.2	44.3	0.1	0.2%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.6	59.4	-1.2	-2.0%	
1.2%	59.4	58.4	-1.0	-1.7%	
2.5%	59.3	58.3	-1.0	-1.7%	
3.7%	58.3	57.3	-1.0	-1.7%	
4.9%	58.3	57.2	-1.1	-1.9%	
6.2%	57.2	56.4	-0.8	-1.4%	
7.4%	56.2	55.5	-0.7	-1.2%	
8.6%	55.6	55.4	-0.2	-0.4%	
9.9%	55.3	54.9	-0.4	-0.7%	
11.1%	54.7	54.2	-0.5	-0.9%	
12.3%	53.6	54.1	0.5	0.9%	
13.6%	53.5	53.6	0.1	0.2%	
14.8%	53.4	53.4	0.0	0.0%	
16.0%	53.1	53.3	0.2	0.4%	
17.3%	52.9	53.1	0.2	0.4%	
18.5%	52.9	52.9	0.0	0.0%	
19.8%	52.9	52.9	0.0	0.0%	
21.0%	52.7	52.8	0.1	0.2%	
22.2%	52.7	52.8	0.1	0.2%	
23.5%	52.7	52.7	0.0	0.0%	
24.7%	52.4	52.3	-0.1	-0.2%	
25.9%	52.4	52.3	-0.1	-0.2%	
27.2%	52.2	52.0	-0.2	-0.4%	
28.4%	52.2	52.0	-0.2	-0.4%	
29.6%	52.0	51.8	-0.2	-0.4%	
30.9%	51.9	51.5	-0.4	-0.8%	
32.1%	51.8	51.5	-0.3	-0.6%	
33.3%	51.7	51.5	-0.2	-0.4%	
34.5%	51.6	51.5	-0.1	-0.2%	
35.8%	51.6	51.3	-0.3	-0.6%	
37.0%	51.5	51.2	-0.3	-0.6%	
38.3%	51.5	51.2	-0.3	-0.6%	
39.5%	51.5	51.1	-0.4	-0.8%	
40.7%	51.5	51.1	-0.4	-0.8%	
42.0%	51.3	51.0	-0.3	-0.6%	
43.2%	51.2	51.0	-0.2	-0.4%	
44.4%	51.2	50.9	-0.3	-0.6%	
45.7%	51.1	50.9	-0.2	-0.4%	
46.9%	51.0	50.7	-0.3	-0.6%	
48.1%	51.0	50.7	-0.3	-0.6%	
49.4%	50.9	50.6	-0.3	-0.6%	
50.6%	50.9	50.6	-0.3	-0.6%	
51.9%	50.7	50.6	-0.1	-0.2%	
53.1%	50.7	50.5	-0.2	-0.4%	
54.3%	50.7	50.5	-0.2	-0.4%	
55.6%	50.7	50.5	-0.2	-0.4%	
56.8%	50.7	50.2	-0.5	-1.0%	
58.0%	50.6	50.1	-0.5	-1.0%	
59.3%	50.5	50.1	-0.4	-0.8%	
60.5%	50.5	50.1	-0.4	-0.8%	
61.7%	50.4	50.1	-0.3	-0.6%	
63.0%	50.2	50.0	-0.2	-0.4%	
64.2%	50.1	50.0	-0.1	-0.2%	
65.4%	50.0	50.0	0.0	0.0%	
66.7%	50.0	49.9	-0.1	-0.2%	
67.9%	49.9	49.9	0.0	0.0%	
69.1%	49.8	49.8	0.0	0.0%	
70.4%	49.7	49.6	-0.1	-0.2%	
71.6%	49.6	49.6	0.0	0.0%	
72.8%	49.5	49.5	0.0	0.0%	
74.1%	49.6	49.2	-0.4	-0.8%	
75.3%	49.5	49.2	-0.3	-0.6%	
76.5%	49.3	49.1	-0.2	-0.4%	
77.8%	49.2	49.0	-0.2	-0.4%	
79.0%	49.2	49.0	-0.2	-0.4%	
80.2%	49.0	48.9	-0.1	-0.2%	
81.5%	49.0	48.9	-0.1	-0.2%	
82.7%	48.9	48.8	-0.1	-0.2%	
84.0%	48.9	48.8	-0.1	-0.2%	
85.2%	48.7	48.6	-0.1	-0.2%	
86.4%	48.7	48.5	-0.2	-0.4%	
87.7%	48.7	48.4	-0.3	-0.6%	
88.9%	48.5	48.4	-0.1	-0.2%	
90.1%	48.0	48.2	0.2	0.4%	
91.4%	47.9	48.0	0.1	0.2%	
92.6%	47.7	48.0	0.3	0.6%	
93.8%	47.4	47.7	0.3	0.6%	
95.1%	47.3	47.4	0.1	0.2%	
96.3%	46.7	48.4	1.7	3.1%	
97.5%	46.7	46.7	0.0	0.0%	
98.8%	46.5	46.5	0.0	0.0%	
100.0%	46.5	46.5	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.0	64.1	-0.9	-1.4%	
1.2%	63.9	63.3	-0.6	-0.9%	
2.5%	61.4	60.5	-0.9	-1.5%	
3.7%	60.7	59.8	-0.9	-1.5%	
4.9%	58.7	57.9	-0.8	-1.4%	
6.2%	58.1	56.2	-1.9	-3.3%	
7.4%	56.2	55.6	-0.6	-1.1%	
8.6%	55.7	55.5	-0.2	-0.4%	
9.9%	55.7	55.3	-0.4	-0.7%	
11.1%	55.5	55.3	-0.2	-0.4%	
12.3%	55.1	53.6	-1.5	-2.7%	
13.6%	54.3	53.2	-1.1	-2.0%	
14.8%	54.1	53.0	-1.1	-2.0%	
16.0%	53.6	52.8	-0.8	-1.5%	
17.3%	53.4	52.8	-0.6	-1.1%	
18.5%	53.2	52.7	-0.5	-0.9%	
19.8%	53.0	52.6	-0.4	-0.8%	
21.0%	52.7	52.5	-0.2	-0.4%	
22.2%	52.6	52.5	-0.1	-0.2%	
23.5%	52.6	52.4	-0.2	-0.4%	
24.7%	52.4	52.4	0.0	0.0%	
25.9%	52.4	52.4	0.0	0.0%	
27.2%	52.4	52.2	-0.2	-0.4%	
28.4%	52.4	52.1	-0.3	-0.6%	
29.6%	52.2	52.0	-0.2	-0.4%	
30.9%	52.1	52.0	-0.1	-0.2%	
32.1%	52.0	51.9	-0.1	-0.2%	
33.3%	51.9	51.8	-0.1	-0.2%	
34.5%	51.9	51.6	-0.3	-0.6%	
35.8%	51.8	51.6	-0.2	-0.4%	
37.0%	51.7	51.5	-0.2	-0.4%	
38.3%	51.7	51.4	-0.3	-0.6%	
39.5%	51.6	51.4	-0.2	-0.4%	
40.7%	51.5	51.4	-0.1	-0.2%	
42.0%	51.2	51.2	0.0	0.0%	
43.2%	51.3	51.2	-0.1	-0.2%	
44.4%	51.3	51.2	-0.1	-0.2%	
45.7%	51.2	51.0	-0.2	-0.4%	
46.9%	51.2	51.0	-0.2	-0.4%	
48.1%	51.2	50.9	-0.3	-0.6%	
49.4%	51.2	50.8	-0.4	-0.8%	
50.6%	51.1	50.6	-0.5	-1.0%	
51.9%	51.1	50.5	-0.6	-1.2%	
53.1%	51.0	50.3	-0.7	-1.4%	
54.3%	51.0	50.3	-0.7	-1.4%	
55.6%	51.0	50.3	-0.7	-1.4%	
56.8%	51.0	50.2	-0.8	-1.6%	
58.0%	50.9	50.0	-0.9	-1.8%	
59.3%	50.9	49.9	-1.0	-2.0%	
60.5%	50.8	49.9	-0.9	-1.8%	
61.7%	50.8	49.8	-1.0	-2.0%	
63.0%	50.6	49.7	-0.9	-1.8%	
64.2%	50.4	49.7	-0.7	-1.4%	
65.4%	50.3	49.7	-0.6	-1.2%	
66.7%	50.3	49.6	-0.7	-1.4%	
67.9%	50.2	49.6	-0.6	-1.2%	
69.1%	50.2	49.6	-0.6	-1.2%	
70.4%	49.9	49.5	-0.4	-0.8%	
71.6%	49.7	49.3	-0.4	-0.8%	
72.8%	49.5	49.2	-0.3	-0.6%	
74.1%	49.4	49.2	-0.2	-0.4%	
75.3%	49.3	49.2	-0.1	-0.2%	
76.5%	49.2	49.1	-0.1	-0.2%	
77.8%	49.1	49.0	-0.1	-0.2%	
79.0%	49.0	48.9	-0.1	-0.2%	
80.2%	49.				

Table SQ-34-9a
Trinity River at Douglas City, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	51.2	44.5	40.1	39.0	43.0	46.9	51.9	48.8	54.8	58.6	59.5	55.6
Alternative D	51.2	44.4	40.0	39.1	43.0	46.8	51.9	48.8	54.7	58.5	59.3	55.6
Difference	-0.1	-0.1	-0.1	0.1	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.2	0.0
Percent Difference ³	-0.1%	-0.1%	-0.1%	0.2%	0.0%	-0.1%	0.0%	-0.1%	-0.1%	-0.2%	-0.3%	0.1%
Water Year Types ²												
Wet (32%)												
No Action Alternative	49.8	44.5	41.1	40.4	43.3	46.1	50.8	47.8	51.4	56.9	59.6	54.7
Alternative D	49.9	44.5	41.0	40.3	43.3	46.0	50.8	47.8	51.4	56.8	59.2	54.8
Difference	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.4	0.1
Percent Difference	0.1%	0.0%	-0.3%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	0.0%	-0.2%	-0.7%	0.2%
Above Normal (15%)												
No Action Alternative	50.3	43.2	40.0	38.7	43.0	46.7	51.8	48.0	53.9	57.8	58.8	54.2
Alternative D	50.0	43.1	39.8	38.7	43.1	46.8	51.9	47.9	53.9	57.5	58.1	54.6
Difference	-0.3	-0.1	-0.2	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.3	-0.7	0.4
Percent Difference	-0.6%	-0.2%	-0.4%	0.1%	0.1%	0.1%	0.1%	-0.1%	-0.1%	-0.5%	-1.2%	0.7%
Below Normal (17%)												
No Action Alternative	51.7	44.7	39.6	38.3	42.4	46.8	52.5	48.6	55.4	59.1	59.8	56.0
Alternative D	51.7	44.8	39.7	38.4	42.4	46.7	52.7	48.6	55.4	58.9	59.9	56.2
Difference	0.0	0.0	0.1	0.0	0.0	-0.1	0.2	0.0	0.0	-0.2	0.1	0.1
Percent Difference	0.0%	0.0%	0.1%	0.1%	0.0%	-0.1%	0.4%	0.1%	0.0%	-0.3%	0.1%	0.2%
Dry (22%)												
No Action Alternative	51.3	44.6	40.2	38.0	42.7	47.5	52.7	49.0	57.0	59.2	58.4	55.0
Alternative D	51.4	44.5	40.1	38.2	42.7	47.3	52.6	49.0	56.8	59.0	58.6	55.1
Difference	0.1	-0.1	-0.1	0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	0.2	0.1
Percent Difference	0.2%	-0.3%	-0.2%	0.7%	0.1%	-0.3%	-0.2%	-0.2%	-0.3%	-0.3%	0.4%	0.1%
Critical (15%)												
No Action Alternative	54.5	45.2	38.4	38.8	43.4	47.9	52.3	51.9	59.7	61.8	61.0	58.9
Alternative D	54.1	45.0	38.5	38.9	43.4	47.9	52.4	51.8	59.6	61.8	60.7	58.3
Difference	-0.4	-0.2	0.1	0.1	0.0	-0.1	0.1	-0.1	-0.1	0.1	-0.3	-0.6
Percent Difference	-0.8%	-0.3%	0.2%	0.3%	0.1%	-0.1%	0.2%	-0.2%	-0.2%	0.1%	-0.5%	-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

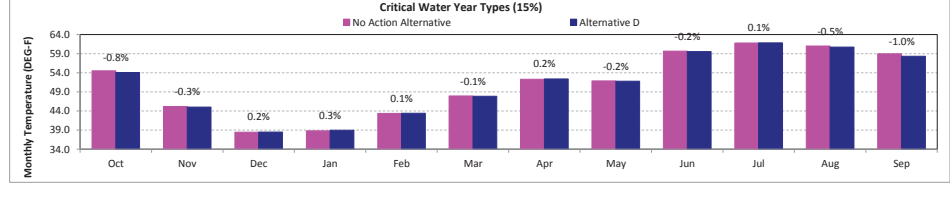
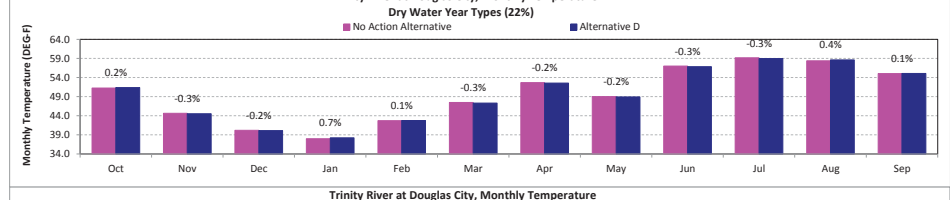
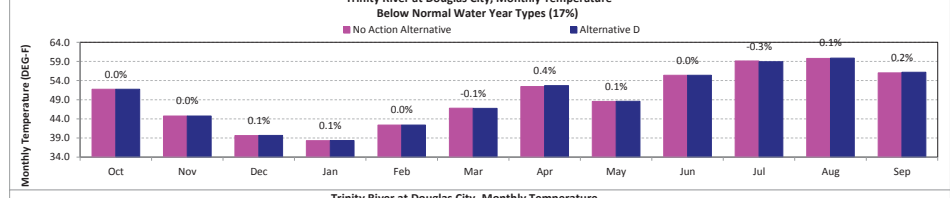
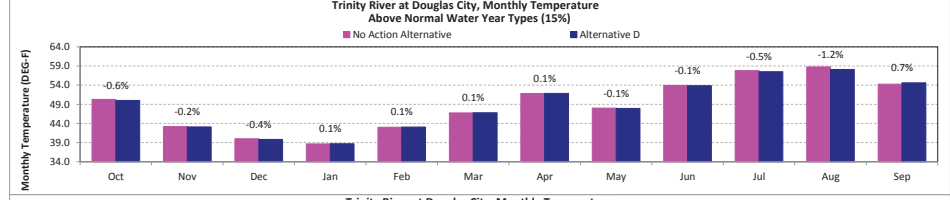
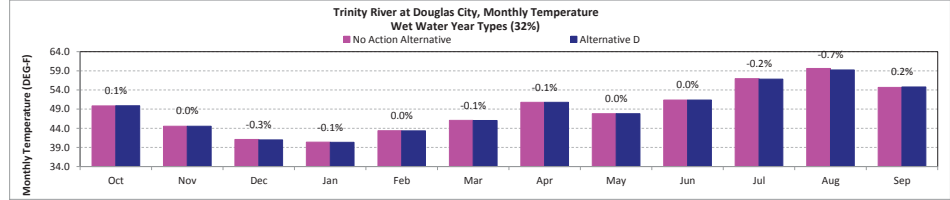
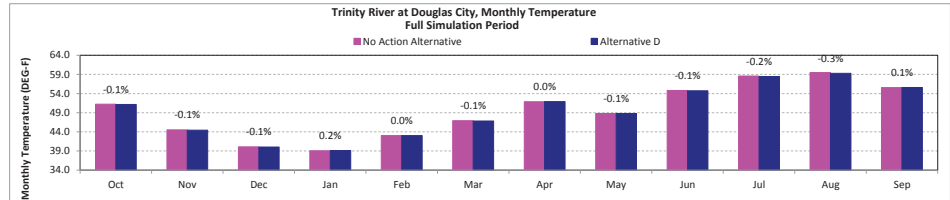


Figure SQ-34-9b
 Trinity River at Douglas City, Monthly Temperature
 Probability of Exceedance

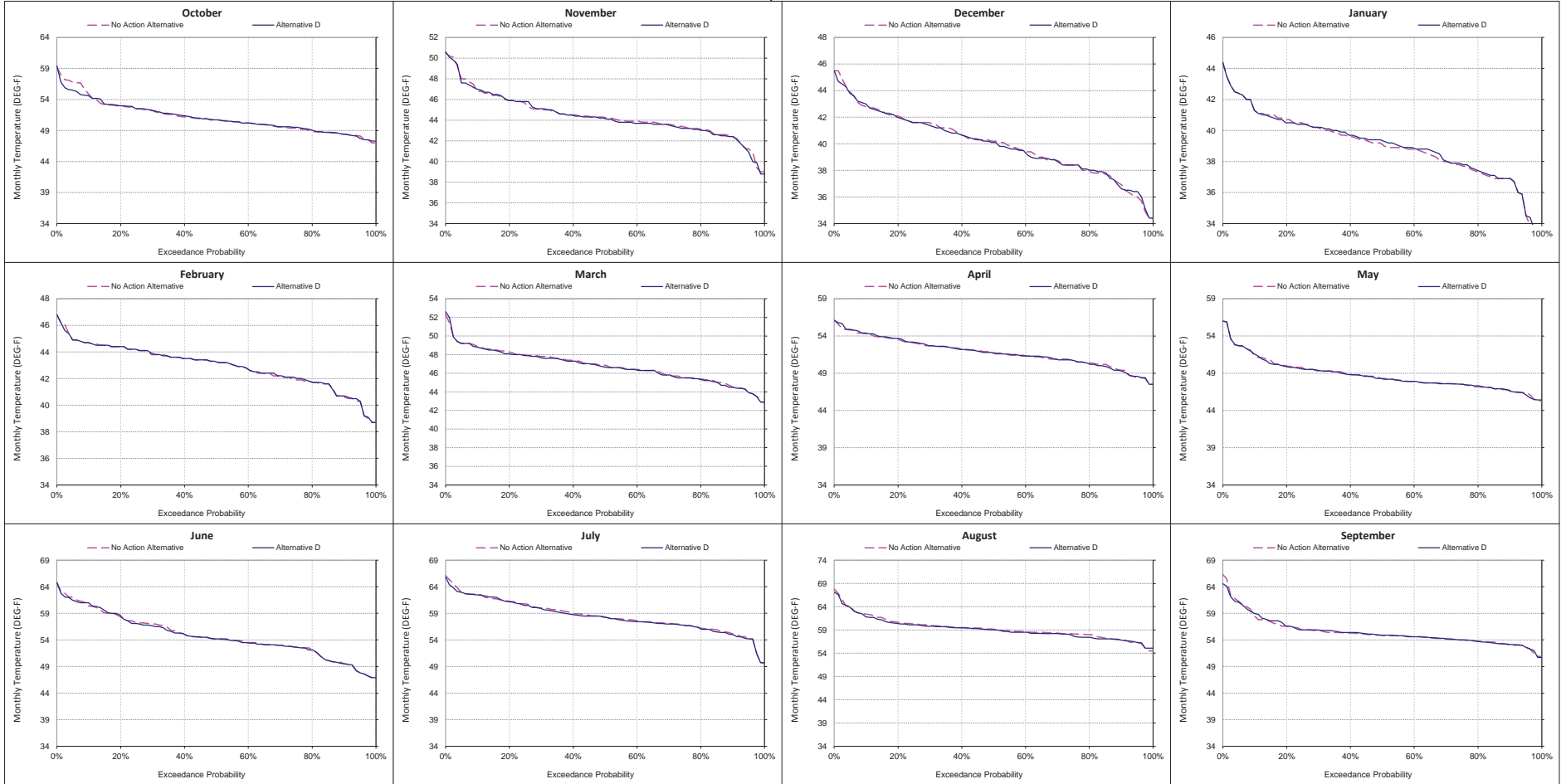


Table SQ-34-9b
 Trinity River at Douglas City, Monthly Temperature
 Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.2	59.4	0.2	0.3%	
1.2%	58.0	56.8	-1.2	-2.1%	
2.5%	57.2	55.9	-1.3	-2.3%	
3.7%	57.1	55.6	-1.5	-2.6%	
4.9%	56.8	55.5	-1.3	-2.3%	
6.2%	56.7	55.3	-1.4	-2.5%	
7.4%	56.7	54.8	-1.9	-3.4%	
8.6%	55.7	54.7	-1.0	-1.8%	
9.9%	54.9	54.6	-0.3	-0.5%	
11.1%	54.2	54.2	0.0	0.0%	
12.3%	54.0	54.2	0.2	0.4%	
13.6%	53.4	54.1	0.7	1.3%	
14.8%	53.2	53.3	0.1	0.2%	
16.0%	53.1	53.2	0.1	0.2%	
17.3%	53.1	53.2	0.1	0.2%	
18.5%	53.0	53.1	0.1	0.2%	
19.8%	52.9	53.0	0.1	0.2%	
21.0%	52.9	53.0	0.1	0.2%	
22.2%	52.8	52.9	0.1	0.2%	
23.5%	52.8	52.9	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%	52.4	52.5	0.1	0.2%	
28.4%	52.3	52.4	0.1	0.2%	
29.6%	52.2	52.3	0.1	0.2%	
30.9%	52.2	52.0	-0.2	-0.4%	
32.1%	51.8	52.0	0.2	0.4%	
33.3%	51.7	51.8	0.1	0.2%	
34.5%	51.6	51.8	0.2	0.4%	
35.8%	51.6	51.7	0.1	0.2%	
37.0%	51.4	51.6	0.2	0.4%	
38.3%	51.3	51.5	0.2	0.4%	
39.5%	51.2	51.4	0.2	0.4%	
40.7%	51.2	51.3	0.1	0.2%	
42.0%	51.1	51.2	0.1	0.2%	
43.2%	51.0	51.0	0.0	0.0%	
44.4%	50.9	51.0	0.1	0.2%	
45.7%	50.9	50.9	0.0	0.0%	
46.9%	50.9	50.9	0.0	0.0%	
48.1%	50.7	50.8	0.1	0.2%	
49.4%	50.7	50.7	0.0	0.0%	
50.6%	50.7	50.7	0.0	0.0%	
51.9%	50.6	50.6	0.0	0.0%	
53.1%	50.6	50.5	-0.1	-0.2%	
54.3%	50.5	50.5	0.0	0.0%	
55.6%	50.4	50.4	0.0	0.0%	
56.8%	50.4	50.4	0.0	0.0%	
58.0%	50.3	50.2	-0.1	-0.2%	
59.3%	50.2	50.2	0.0	0.0%	
60.5%	50.2	50.2	0.0	0.0%	
61.7%	50.1	50.1	0.0	0.0%	
63.0%	50.1	50.0	-0.1	-0.2%	
64.2%	50.0	50.0	0.0	0.0%	
65.4%	50.0	49.9	-0.1	-0.2%	
66.7%	49.8	49.9	0.1	0.2%	
67.9%	49.7	49.8	0.1	0.2%	
69.1%	49.6	49.6	0.0	0.0%	
70.4%	49.6	49.6	0.0	0.0%	
71.6%	49.5	49.6	0.1	0.2%	
72.8%	49.4	49.6	0.2	0.4%	
74.1%	49.4	49.5	0.1	0.2%	
75.3%	49.4	49.5	0.1	0.2%	
76.5%	49.2	49.4	0.2	0.4%	
77.8%	49.2	49.3	0.1	0.2%	
79.0%	49.0	49.2	0.2	0.4%	
80.2%	48.8	49.0	0.2	0.4%	
81.5%	48.8	48.8	0.0	0.0%	
82.7%	48.8	48.8	0.0	0.0%	
84.0%	48.7	48.7	0.0	0.0%	
85.2%	48.7	48.7	0.0	0.0%	
86.4%	48.6	48.7	0.1	0.2%	
87.7%	48.6	48.6	0.0	0.0%	
88.9%	48.4	48.5	0.1	0.2%	
90.1%	48.4	48.4	0.0	0.0%	
91.4%	48.3	48.3	0.0	0.0%	
92.6%	48.2	48.2	0.0	0.0%	
93.8%	48.2	48.1	-0.1	-0.2%	
95.1%	48.1	47.7	-0.4	-0.8%	
96.3%	47.6	47.5	-0.1	-0.2%	
97.5%	47.5	47.5	0.0	0.0%	
98.8%	47.0	47.3	0.3	0.6%	
100.0%	47.0	47.3	0.3	0.6%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.5	50.6	0.1	0.2%	
1.2%	50.2	50.1	-0.1	-0.2%	
2.5%	50.1	49.8	-0.3	-0.6%	
3.7%	49.2	48.6	-0.6	-1.2%	
4.9%	48.0	47.6	-0.4	-0.8%	
6.2%	48.0	47.6	-0.4	-0.8%	
7.4%	47.7	47.4	-0.3	-0.6%	
8.6%	47.5	47.2	-0.3	-0.6%	
9.9%	46.8	47.0	0.2	0.4%	
11.1%	46.8	46.8	0.0	0.0%	
12.3%	46.6	46.7	0.1	0.2%	
13.6%	46.6	46.7	0.1	0.2%	
14.8%	46.4	46.5	0.1	0.2%	
16.0%	46.4	46.5	0.1	0.2%	
17.3%	46.3	46.4	0.1	0.2%	
18.5%	46.0	46.1	0.1	0.2%	
19.8%	45.9	45.9	0.0	0.0%	
21.0%	45.9	45.9	0.0	0.0%	
22.2%	45.8	45.8	0.0	0.0%	
23.5%	45.8	45.8	0.0	0.0%	
24.7%	45.7	45.8	0.1	0.2%	
25.9%	45.3	45.3	0.0	0.0%	
27.2%	45.1	45.3	0.2	0.4%	
28.4%	45.1	45.1	0.0	0.0%	
29.6%	45.0	45.1	0.1	0.2%	
30.9%	45.0	45.1	0.1	0.2%	
32.1%	45.0	45.0	0.0	0.0%	
33.3%	44.9	45.0	0.1	0.2%	
34.5%	44.8	44.8	0.0	0.0%	
35.8%	44.6	44.6	0.0	0.0%	
37.0%	44.6	44.6	0.0	0.0%	
38.3%	44.6	44.5	-0.1	-0.2%	
39.5%	44.5	44.5	0.0	0.0%	
40.7%	44.5	44.4	-0.1	-0.2%	
42.0%	44.4	44.4	0.0	0.0%	
43.2%	44.4	44.3	-0.1	-0.2%	
44.4%	44.4	44.3	-0.1	-0.2%	
45.7%	44.3	44.3	0.0	0.0%	
46.9%	44.3	44.3	0.0	0.0%	
48.1%	44.3	44.2	-0.1	-0.2%	
49.4%	44.3	44.2	-0.1	-0.2%	
50.6%	44.2	44.1	-0.1	-0.2%	
51.9%	44.2	44.1	-0.1	-0.2%	
53.1%	44.1	43.9	-0.2	-0.5%	
54.3%	44.0	43.8	-0.2	-0.5%	
55.6%	44.0	43.8	-0.2	-0.5%	
56.8%	43.9	43.8	-0.1	-0.2%	
58.0%	43.9	43.7	-0.2	-0.5%	
59.3%	43.9	43.7	-0.2	-0.5%	
60.5%	43.9	43.7	-0.2	-0.5%	
61.7%	43.8	43.7	-0.1	-0.2%	
63.0%	43.8	43.7	-0.1	-0.2%	
64.2%	43.8	43.7	-0.1	-0.2%	
65.4%	43.8	43.6	-0.2	-0.5%	
66.7%	43.7	43.6	-0.1	-0.2%	
67.9%	43.6	43.6	0.0	0.0%	
69.1%	43.6	43.6	0.0	0.0%	
70.4%	43.6	43.5	-0.1	-0.2%	
71.6%	43.5	43.4	-0.1	-0.2%	
72.8%	43.4	43.3	-0.1	-0.2%	
74.1%	43.4	43.2	-0.2	-0.5%	
75.3%	43.3	43.2	-0.1	-0.2%	
76.5%	43.2	43.2	0.0	0.0%	
77.8%	43.2	43.1	-0.1	-0.2%	
79.0%	43.2	43.1	-0.1	-0.2%	
80.2%	43.1	43.0	-0.1	-0.2%	
81.5%	43.1	43.0	-0.1	-0.2%	
82.7%	43.0	42.9	-0.1	-0.2%	
84.0%	42.7	42.6	-0.1	-0.2%	
85.2%	42.6	42.6	0.0	0.0%	
86.4%	42.6	42.5	-0.1	-0.2%	
87.7%	42.6	42.5	-0.1	-0.2%	
88.9%	42.5	42.4	-0.1	-0.2%	
90.1%	42.4	42.4	0.0	0.0%	
91.4%	42.2	42.1	-0.1	-0.2%	
92.6%	41.7	41.7	0.0	0.0%	
93.8%	41.3	41.3	0.0	0.0%	
95.1%	41.2	40.8	-0.4	-0.7%	
96.3%	40.6	40.5	-0.1	-0.2%	
97.5%	39.4	39.9	0.5	1.3%	
98.8%	39.0	38.8	-0.2	-0.5%	
100.0%	39.0	38.8	-0.2	-0.5%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	45.5	45.5	0.0	0.0%	
1.2%	45.5	44.7	-0.8	-1.8%	
2.5%	44.9	44.5	-0.4	-0.9%	
3.7%	44.3	44.3	0.0	0.0%	
4.9%	43.9	43.8	-0.1	-0.2%	
6.2%	43.6	43.6	0.0	0.0%	
7.4%	43.1	43.2	0.1	0.2%	
8.6%	42.9	43.1	0.2	0.5%	
9.9%	42.8	43.0	0.2	0.5%	
11.1%	42.7	42.7	0.0	0.0%	
12.3%	42.7	42.6	-0.1	-0.2%	
13.6%	42.6	42.5	-0.1	-0.2%	
14.8%	42.5	42.4	-0.1	-0.2%	
16.0%	42.3	42.3	0.0	0.0%	
17.3%	42.3	42.2	-0.1	-0.2%	
18.5%	42.2	42.2	0.0	0.0%	
19.8%	42.1	42.0	-0.1	-0.2%	
21.0%	42.0	41.9	-0.1	-0.2%	
22.2%	41.8	41.8	0.0	0.0%	
23.5%	41.7	41.7	0.0	0.0%	
24.7%	41.6	41.6	0.0	0.0%	
25.9%	41.5	41.5	0.0	0.0%	
27.2%	41.6	41.6	0.0	0.0%	
28.4%	41.6	41.5	-0.1	-0.2%	
29.6%	41.6	41.4	-0.2	-0.5%	
30.9%	41.5	41.3	-0.2	-0.5%	
32.1%	41.4	41.2	-0.2	-0.5%	
33.3%	41.2	41.2	0.0	0.0%	
34.5%	41.2	41.0	-0.2	-0.5%	
35.8%	41.2	41.0	-0.3	-0.7%	
37.0%	41.1	40.8	-0.3	-0.7%	
38.3%	40.9	40.8	-0.1	-0.2%	
39.5%	40.7	40.7	0.0	0.0%	
40.7%	40.6	40.6	0.0	0.0%	
42.0%	40.4	40.4	0.0	0.0%	
43.2%	40.4	40.4	0.0	0.0%	
44.4%	40.4	40.3	-0.1	-0.2%	
45.7%	40.3	40.3	0.0	0.0%	
46.9%	40.3	40.2	-0.1	-0.2%	
48.1%	40.3	40.2	-0.1	-0.2%	
49.4%	40.2	40.1	-0.1	-0.2%	
50.6%	40.2	40.1	-0.1	-0.2%	
51.9%	40.1	39.8	-0.3	-0.7%	
53.1%	40.1	39.8	-0.3	-0.7%	
54.3%	39.9	39.7	-0.2	-0.5%	
55.6%	39.8	39.6	-0.2	-0.5%	
56.8%	39.7	39.6	-0.1	-0.3%	
58.0%	39.6	39.5	-0.1	-0.3%	
59.3%	39.5	39.5	0.0	0.0%	
60.5%	39.4	39.2	-0.2	-0.5%	
61.7%	39.4	39.0	-0.4	-1.0%	
63.0%	39.2	38.9	-0.3	-0.8%	
64.2%	39.0	38.9	-0.1	-0.3%	
65.4%	39.0	38.9	-0.1	-0.3%	
66.7%	38.8	38.9	0.1	0.3%	
67.9%	38.8	38.8	0.0	0.0%	
69.1%	38.8	38.8	0.0	0.0%	
70.4%	38.7	38.6	-0.1	-0.3%	
71.6%	38.5	38.4	-0.1	-0.3%	
72.8%	38.4	38.4	0.0	0.0%	
74.1%	38.4	38.4	0.0	0.0%	
75.3%	38.4	38.4	0.0	0.0%	
76.5%	38.4	38.4	0.0	0.0%	
77.8%	38.0	38.1	0.1	0.3%	
79.0%	38.0	38.1	0.1	0.3%	
80.2%	3				

Table SQ-34-9b
 Trinity River at Douglas City, Monthly Temperature
 Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.8	46.8	0.0	0.0%	
1.2%	46.2	46.2	0.0	0.0%	
2.5%	46.1	45.6	-0.5	-1.9%	
3.7%	45.4	45.4	0.0	0.0%	
4.9%	44.9	44.9	0.0	0.0%	
6.2%	44.9	44.9	0.0	0.0%	
7.4%	44.8	44.8	0.0	0.0%	
8.6%	44.7	44.7	0.0	0.0%	
9.9%	44.7	44.7	0.0	0.0%	
11.1%	44.6	44.6	0.0	0.0%	
12.3%	44.6	44.5	-0.1	-0.2%	
13.6%	44.5	44.5	0.0	0.0%	
14.8%	44.5	44.5	0.0	0.0%	
16.0%	44.4	44.5	0.1	0.2%	
17.3%	44.4	44.4	0.0	0.0%	
18.5%	44.4	44.4	0.0	0.0%	
19.8%	44.4	44.4	0.0	0.0%	
21.0%	44.4	44.4	0.0	0.0%	
22.2%	44.2	44.2	0.0	0.0%	
23.5%	44.2	44.2	0.0	0.0%	
24.7%	44.2	44.2	0.0	0.0%	
25.9%	44.1	44.1	0.0	0.0%	
27.2%	44.1	44.1	0.0	0.0%	
28.4%	44.1	44.1	0.0	0.0%	
29.6%	43.8	43.9	0.1	0.2%	
30.9%	43.8	43.8	0.0	0.0%	
32.1%	43.8	43.8	0.0	0.0%	
33.3%	43.8	43.7	-0.1	-0.2%	
34.5%	43.7	43.7	0.0	0.0%	
35.8%	43.6	43.6	0.0	0.0%	
37.0%	43.6	43.6	0.0	0.0%	
38.3%	43.6	43.6	0.0	0.0%	
39.5%	43.5	43.5	0.0	0.0%	
40.7%	43.5	43.5	0.0	0.0%	
42.0%	43.5	43.5	0.0	0.0%	
43.2%	43.4	43.4	0.0	0.0%	
44.4%	43.4	43.4	0.0	0.0%	
45.7%	43.4	43.4	0.0	0.0%	
46.9%	43.4	43.4	0.0	0.0%	
48.1%	43.3	43.3	0.0	0.0%	
49.4%	43.3	43.3	0.0	0.0%	
50.6%	43.2	43.2	0.0	0.0%	
51.9%	43.2	43.2	0.0	0.0%	
53.1%	43.2	43.2	0.0	0.0%	
54.3%	43.1	43.1	0.0	0.0%	
55.6%	43.0	43.0	0.0	0.0%	
56.8%	42.9	42.9	0.0	0.0%	
58.0%	42.9	42.9	0.0	0.0%	
59.3%	42.8	42.8	0.0	0.0%	
60.5%	42.6	42.6	0.0	0.0%	
61.7%	42.5	42.5	0.0	0.0%	
63.0%	42.4	42.5	0.1	0.2%	
64.2%	42.4	42.4	0.0	0.0%	
65.4%	42.4	42.4	0.0	0.0%	
66.7%	42.4	42.4	0.0	0.0%	
67.9%	42.2	42.4	0.2	0.5%	
69.1%	42.2	42.2	0.0	0.0%	
70.4%	42.1	42.2	0.1	0.2%	
71.6%	42.1	42.1	0.0	0.0%	
72.8%	42.1	42.1	0.0	0.0%	
74.1%	41.9	42.1	0.2	0.5%	
75.3%	41.9	42.0	0.1	0.2%	
76.5%	41.9	42.0	0.1	0.2%	
77.8%	41.8	41.9	0.1	0.2%	
79.0%	41.8	41.8	0.0	0.0%	
80.2%	41.7	41.7	0.0	0.0%	
81.5%	41.7	41.7	0.0	0.0%	
82.7%	41.6	41.7	0.1	0.2%	
84.0%	41.6	41.6	0.0	0.0%	
85.2%	41.6	41.6	0.0	0.0%	
86.4%	41.3	41.2	-0.1	-0.2%	
87.7%	40.7	40.7	0.0	0.0%	
88.9%	40.7	40.7	0.0	0.0%	
90.1%	40.6	40.7	0.1	0.2%	
91.4%	40.5	40.6	0.1	0.2%	
92.6%	40.5	40.5	0.0	0.0%	
93.8%	40.3	40.5	0.2	0.5%	
95.1%	40.3	40.3	0.0	0.0%	
96.3%	39.9	39.9	0.0	0.0%	
97.5%	39.0	39.1	0.1	0.3%	
98.8%	38.7	38.7	0.0	0.0%	
100.0%	38.7	38.7	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	52.3	52.6	0.3	0.6%	
1.2%	51.4	52.0	0.6	1.2%	
2.5%	49.9	49.9	0.0	0.0%	
3.7%	49.4	49.4	0.0	0.0%	
4.9%	49.2	49.2	0.0	0.0%	
6.2%	49.2	49.2	0.0	0.0%	
7.4%	49.2	49.2	0.0	0.0%	
8.6%	49.1	48.9	-0.2	-0.4%	
9.9%	48.9	48.8	-0.1	-0.2%	
11.1%	48.8	48.7	-0.1	-0.2%	
12.3%	48.6	48.6	0.0	0.0%	
13.6%	48.6	48.5	-0.1	-0.2%	
14.8%	48.6	48.5	-0.1	-0.2%	
16.0%	48.5	48.4	-0.1	-0.2%	
17.3%	48.4	48.3	-0.1	-0.2%	
18.5%	48.4	48.1	-0.3	-0.6%	
19.8%	48.3	48.1	-0.2	-0.4%	
21.0%	48.2	48.0	-0.2	-0.4%	
22.2%	48.0	48.0	0.0	0.0%	
23.5%	48.0	48.0	0.0	0.0%	
24.7%	48.0	47.9	-0.1	-0.2%	
25.9%	47.9	47.9	0.0	0.0%	
27.2%	47.9	47.8	-0.1	-0.2%	
28.4%	47.9	47.8	-0.1	-0.2%	
29.6%	47.8	47.7	-0.1	-0.2%	
30.9%	47.8	47.6	-0.2	-0.4%	
32.1%	47.8	47.6	-0.2	-0.4%	
33.3%	47.7	47.6	-0.1	-0.2%	
34.5%	47.6	47.6	0.0	0.0%	
35.8%	47.6	47.5	-0.1	-0.2%	
37.0%	47.5	47.4	-0.1	-0.2%	
38.3%	47.4	47.3	-0.1	-0.2%	
39.5%	47.4	47.3	-0.1	-0.2%	
40.7%	47.3	47.3	0.0	0.0%	
42.0%	47.3	47.1	-0.2	-0.4%	
43.2%	47.1	47.0	-0.1	-0.2%	
44.4%	47.0	47.0	0.0	0.0%	
45.7%	47.0	47.0	0.0	0.0%	
46.9%	47.0	46.9	-0.1	-0.2%	
48.1%	46.9	46.8	-0.1	-0.2%	
49.4%	46.9	46.7	-0.2	-0.4%	
50.6%	46.8	46.6	-0.2	-0.4%	
51.9%	46.6	46.6	0.0	0.0%	
53.1%	46.6	46.6	0.0	0.0%	
54.3%	46.6	46.6	0.0	0.0%	
55.6%	46.6	46.5	-0.1	-0.2%	
56.8%	46.4	46.4	0.0	0.0%	
58.0%	46.4	46.4	0.0	0.0%	
59.3%	46.4	46.4	0.0	0.0%	
60.5%	46.4	46.3	-0.1	-0.2%	
61.7%	46.3	46.3	0.0	0.0%	
63.0%	46.3	46.3	0.0	0.0%	
64.2%	46.3	46.3	0.0	0.0%	
65.4%	46.3	46.3	0.0	0.0%	
66.7%	46.2	46.0	-0.2	-0.4%	
67.9%	46.0	45.8	-0.2	-0.4%	
69.1%	45.8	45.8	0.0	0.0%	
70.4%	45.7	45.8	0.1	0.2%	
71.6%	45.7	45.6	-0.1	-0.2%	
72.8%	45.7	45.5	-0.2	-0.4%	
74.1%	45.6	45.5	-0.1	-0.2%	
75.3%	45.5	45.5	0.0	0.0%	
76.5%	45.5	45.5	0.0	0.0%	
77.8%	45.5	45.4	-0.1	-0.2%	
79.0%	45.4	45.4	0.0	0.0%	
80.2%	45.4	45.3	-0.1	-0.2%	
81.5%	45.3	45.2	-0.1	-0.2%	
82.7%	45.3	45.2	-0.1	-0.2%	
84.0%	45.2	45.1	-0.1	-0.2%	
85.2%	45.0	45.0	0.0	0.0%	
86.4%	45.0	44.7	-0.3	-0.7%	
87.7%	44.9	44.7	-0.2	-0.4%	
88.9%	44.7	44.5	-0.2	-0.4%	
90.1%	44.5	44.5	0.0	0.0%	
91.4%	44.4	44.4	0.0	0.0%	
92.6%	44.4	44.4	0.0	0.0%	
93.8%	44.3	44.3	0.0	0.0%	
95.1%	43.9	43.9	0.0	0.0%	
96.3%	43.9	43.7	-0.2	-0.4%	
97.5%	43.5	43.5	0.0	0.0%	
98.8%	42.9	42.9	0.0	0.0%	
100.0%	42.9	42.9	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.1	56.1	0.0	0.0%	
1.2%	56.6	56.8	0.2	0.4%	
2.5%	55.0	55.7	0.7	1.3%	
3.7%	54.9	54.9	0.0	0.0%	
4.9%	54.8	54.9	0.1	0.2%	
6.2%	54.8	54.8	0.0	0.0%	
7.4%	54.4	54.7	0.3	0.6%	
8.6%	54.4	54.4	0.0	0.0%	
9.9%	54.3	54.4	0.1	0.2%	
11.1%	54.3	54.3	0.0	0.0%	
12.3%	54.0	54.3	0.3	0.6%	
13.6%	53.9	54.0	0.1	0.2%	
14.8%	53.9	53.9	0.0	0.0%	
16.0%	53.8	53.9	0.1	0.2%	
17.3%	53.7	53.8	0.1	0.2%	
18.5%	53.7	53.7	0.0	0.0%	
19.8%	53.6	53.7	0.1	0.2%	
21.0%	53.4	53.6	0.2	0.4%	
22.2%	53.2	53.3	0.1	0.2%	
23.5%	53.2	53.2	0.0	0.0%	
24.7%	53.1	53.2	0.1	0.2%	
25.9%	53.0	53.1	0.1	0.2%	
27.2%	52.9	53.0	0.1	0.2%	
28.4%	52.7	52.9	0.2	0.4%	
29.6%	52.7	52.7	0.0	0.0%	
30.9%	52.7	52.7	0.0	0.0%	
32.1%	52.6	52.6	0.0	0.0%	
33.3%	52.6	52.6	0.0	0.0%	
34.5%	52.6	52.6	0.0	0.0%	
35.8%	52.5	52.5	0.0	0.0%	
37.0%	52.4	52.4	0.0	0.0%	
38.3%	52.4	52.3	-0.1	-0.2%	
39.5%	52.3	52.2	-0.1	-0.2%	
40.7%	52.2	52.2	0.0	0.0%	
42.0%	52.1	52.1	0.0	0.0%	
43.2%	52.1	52.1	0.0	0.0%	
44.4%	52.1	52.0	-0.1	-0.2%	
45.7%	52.0	51.9	-0.1	-0.2%	
46.9%	51.9	51.8	-0.1	-0.2%	
48.1%	51.9	51.8	-0.1	-0.2%	
49.4%	51.7	51.8	0.1	0.2%	
50.6%	51.6	51.7	0.1	0.2%	
51.9%	51.6	51.7	0.1	0.2%	
53.1%	51.6	51.6	0.0	0.0%	
54.3%	51.5	51.6	0.1	0.2%	
55.6%	51.4	51.5	0.1	0.2%	
56.8%	51.4	51.5	0.1	0.2%	
58.0%	51.3	51.4	0.1	0.2%	
59.3%	51.3	51.4	0.1	0.2%	
60.5%	51.3	51.3	0.0	0.0%	
61.7%	51.3	51.3	0.0	0.0%	
63.0%	51.2	51.3	0.1	0.2%	
64.2%	51.2	51.3	0.1	0.2%	
65.4%	51.1	51.2	0.1	0.2%	
66.7%	51.0	51.2	0.2	0.4%	
67.9%	50.9	51.1	0.2	0.4%	
69.1%	50.9	50.9	0.0	0.0%	
70.4%	50.9	50.8	-0.1	-0.2%	
71.6%	50.9	50.8	-0.1	-0.2%	
72.8%	50.9	50.8	-0.1	-0.2%	
74.1%	50.8	50.8	0.0	0.0%	
75.3%	50.6	50.7	0.1	0.2%	
76.5%	50.5	50.5	0.0	0.0%	
77.8%	50.5	50.5	0.0	0.0%	
79.0%	50.4	50.4	0.0	0.0%	
80.2%	5				

Table SQ-34-9b
Trinity River at Douglas City, Monthly Temperature
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	64.8	64.8	0.0	0.0%	
1.2%	63.2	62.8	-0.4	-0.6%	
2.5%	62.8	62.1	-0.7	-1.1%	
3.7%	62.0	62.0	-0.1	-0.2%	
4.9%	62.0	61.5	-0.5	-0.8%	
6.2%	61.5	61.2	-0.3	-0.5%	
7.4%	61.3	61.0	-0.3	-0.5%	
8.6%	61.1	61.0	-0.1	-0.2%	
9.9%	60.4	61.0	0.6	1.0%	
11.1%	60.3	60.4	0.1	0.2%	
12.3%	60.1	60.3	0.2	0.3%	
13.6%	59.6	60.1	0.5	0.8%	
14.8%	59.1	59.6	0.5	0.8%	
16.0%	59.0	59.1	0.1	0.2%	
17.3%	59.0	59.0	0.0	0.0%	
18.5%	58.8	59.0	0.2	0.3%	
19.8%	58.4	58.7	0.3	0.5%	
21.0%	57.9	57.9	0.0	0.0%	
22.2%	57.6	57.6	0.0	0.0%	
23.5%	57.6	57.1	-0.5	-0.9%	
24.7%	57.3	57.1	-0.2	-0.3%	
25.9%	57.0	57.0	-0.2	-0.3%	
27.2%	57.2	56.8	-0.4	-0.7%	
28.4%	57.1	56.8	-0.3	-0.5%	
29.6%	57.0	56.7	-0.3	-0.5%	
30.9%	57.0	56.5	-0.5	-0.9%	
32.1%	56.8	56.5	-0.3	-0.5%	
33.3%	56.7	56.3	-0.4	-0.7%	
34.5%	56.4	56.4	-0.6	-1.1%	
35.8%	55.8	55.6	-0.2	-0.4%	
37.0%	55.7	55.3	-0.4	-0.7%	
38.3%	55.3	55.3	0.0	0.0%	
39.5%	55.2	55.2	0.0	0.0%	
40.7%	54.8	54.8	0.0	0.0%	
42.0%	54.6	54.7	0.1	0.2%	
43.2%	54.6	54.6	0.0	0.0%	
44.4%	54.5	54.6	0.1	0.2%	
45.7%	54.5	54.5	0.0	0.0%	
46.9%	54.5	54.5	0.0	0.0%	
48.1%	54.3	54.3	0.0	0.0%	
49.4%	54.2	54.2	0.0	0.0%	
50.6%	54.2	54.2	0.0	0.0%	
51.9%	54.1	54.2	0.1	0.2%	
53.1%	54.0	54.2	0.2	0.4%	
54.3%	54.0	53.9	-0.1	-0.2%	
55.6%	53.9	53.9	0.0	0.0%	
56.8%	53.9	53.8	-0.1	-0.2%	
58.0%	53.8	53.5	-0.3	-0.6%	
59.3%	53.5	53.5	0.0	0.0%	
60.5%	53.5	53.4	-0.1	-0.2%	
61.7%	53.5	53.4	-0.1	-0.2%	
63.0%	53.4	53.2	-0.2	-0.4%	
64.2%	53.2	53.2	0.0	0.0%	
65.4%	53.1	53.1	0.0	0.0%	
66.7%	53.1	53.1	0.0	0.0%	
67.9%	53.1	53.1	0.0	0.0%	
69.1%	53.0	53.0	0.0	0.0%	
70.4%	53.0	53.0	0.0	0.0%	
71.6%	52.8	52.8	0.0	0.0%	
72.8%	52.8	52.8	0.0	0.0%	
74.1%	52.7	52.7	0.0	0.0%	
75.3%	52.6	52.6	0.0	0.0%	
76.5%	52.6	52.5	-0.1	-0.2%	
77.8%	52.5	52.5	0.0	0.0%	
79.0%	52.5	52.1	-0.4	-0.8%	
80.2%	52.1	52.1	0.0	0.0%	
81.5%	51.6	51.6	0.0	0.0%	
82.7%	50.9	50.9	0.0	0.0%	
84.0%	50.3	50.3	0.0	0.0%	
85.2%	50.1	50.1	0.0	0.0%	
86.4%	49.9	49.9	0.0	0.0%	
87.7%	49.8	49.8	0.0	0.0%	
88.9%	49.8	49.6	-0.2	-0.4%	
90.1%	49.5	49.5	0.0	0.0%	
91.4%	49.4	49.4	0.0	0.0%	
92.6%	49.2	49.3	0.1	0.2%	
93.8%	48.2	48.2	0.0	0.0%	
95.1%	47.8	47.8	0.0	0.0%	
96.3%	47.6	47.6	0.0	0.0%	
97.5%	47.2	47.2	0.0	0.0%	
98.8%	46.8	46.9	0.1	0.2%	
100.0%	46.8	46.9	0.1	0.2%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	66.1	65.8	-0.3	-0.5%	
1.2%	65.3	64.4	-0.9	-1.4%	
2.5%	64.5	63.8	-0.7	-1.1%	
3.7%	63.8	63.7	-0.1	-0.2%	
4.9%	62.9	63.0	0.1	0.2%	
6.2%	62.7	62.7	0.0	0.0%	
7.4%	62.6	62.6	0.0	0.0%	
8.6%	62.6	62.6	0.0	0.0%	
9.9%	62.6	62.5	-0.1	-0.2%	
11.1%	62.5	62.4	-0.1	-0.2%	
12.3%	62.0	62.3	0.3	0.5%	
13.6%	61.9	62.1	0.2	0.3%	
14.8%	61.8	62.1	0.3	0.5%	
16.0%	61.7	62.0	0.3	0.5%	
17.3%	61.5	61.6	0.1	0.2%	
18.5%	61.4	61.3	-0.1	-0.2%	
19.8%	61.3	61.2	-0.1	-0.2%	
21.0%	61.2	61.1	-0.1	-0.2%	
22.2%	61.1	60.9	-0.2	-0.3%	
23.5%	60.8	60.8	0.0	0.0%	
24.7%	60.8	60.5	-0.3	-0.5%	
25.9%	60.7	60.2	-0.5	-0.8%	
27.2%	60.3	60.1	-0.2	-0.3%	
28.4%	60.1	60.1	0.0	0.0%	
29.6%	60.0	60.0	0.0	0.0%	
30.9%	60.0	59.7	-0.3	-0.5%	
32.1%	59.9	59.6	-0.3	-0.5%	
33.3%	59.7	59.5	-0.2	-0.3%	
34.5%	59.7	59.3	-0.4	-0.7%	
35.8%	59.6	59.2	-0.4	-0.7%	
37.0%	59.4	59.1	-0.3	-0.5%	
38.3%	59.3	58.9	-0.4	-0.7%	
39.5%	59.0	58.8	-0.2	-0.3%	
40.7%	58.9	58.7	-0.2	-0.3%	
42.0%	58.9	58.6	-0.3	-0.5%	
43.2%	58.8	58.5	-0.3	-0.5%	
44.4%	58.7	58.5	-0.2	-0.3%	
45.7%	58.5	58.5	0.0	0.0%	
46.9%	58.5	58.5	0.0	0.0%	
48.1%	58.5	58.5	0.0	0.0%	
49.4%	58.4	58.3	-0.1	-0.2%	
50.6%	58.2	58.2	0.0	0.0%	
51.9%	58.1	58.0	-0.1	-0.2%	
53.1%	58.0	58.0	0.0	0.0%	
54.3%	58.0	57.8	-0.2	-0.3%	
55.6%	57.9	57.7	-0.2	-0.3%	
56.8%	57.8	57.6	-0.2	-0.3%	
58.0%	57.8	57.5	-0.3	-0.5%	
59.3%	57.7	57.5	-0.2	-0.3%	
60.5%	57.5	57.4	-0.1	-0.2%	
61.7%	57.4	57.4	0.0	0.0%	
63.0%	57.4	57.4	0.0	0.0%	
64.2%	57.4	57.3	-0.1	-0.2%	
65.4%	57.3	57.2	-0.1	-0.2%	
66.7%	57.2	57.1	-0.1	-0.2%	
67.9%	57.2	57.1	-0.1	-0.2%	
69.1%	57.1	57.0	-0.1	-0.2%	
70.4%	57.1	57.0	-0.1	-0.2%	
71.6%	57.0	57.0	0.0	0.0%	
72.8%	57.0	56.9	-0.1	-0.2%	
74.1%	56.9	56.8	-0.1	-0.2%	
75.3%	56.7	56.7	0.0	0.0%	
76.5%	56.7	56.7	0.0	0.0%	
77.8%	56.6	56.5	-0.1	-0.2%	
79.0%	56.4	56.4	0.0	0.0%	
80.2%	56.2	56.0	-0.2	-0.4%	
81.5%	56.1	56.0	-0.1	-0.2%	
82.7%	56.0	56.0	0.0	0.0%	
84.0%	56.0	55.6	-0.4	-0.7%	
85.2%	55.9	55.5	-0.4	-0.7%	
86.4%	55.6	55.4	-0.2	-0.4%	
87.7%	55.5	55.4	-0.1	-0.2%	
88.9%	55.4	55.1	-0.3	-0.5%	
90.1%	55.1	55.0	-0.1	-0.2%	
91.4%	55.0	54.6	-0.4	-0.7%	
92.6%	54.6	54.6	0.0	0.0%	
93.8%	54.6	54.3	-0.3	-0.5%	
95.1%	54.2	54.2	0.0	0.0%	
96.3%	54.1	54.2	0.1	0.2%	
97.5%	54.1	54.2	0.1	0.2%	
98.8%	49.7	49.7	0.0	0.0%	
100.0%	49.7	49.7	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.8	67.1	-0.7	-1.0%	
1.2%	66.9	66.6	-0.3	-0.4%	
2.5%	65.5	64.7	-0.8	-1.2%	
3.7%	64.3	64.3	0.1	0.2%	
4.9%	64.2	63.9	-0.3	-0.5%	
6.2%	63.1	63.1	0.0	0.0%	
7.4%	62.7	62.7	0.0	0.0%	
8.6%	62.6	62.5	-0.1	-0.2%	
9.9%	62.4	61.8	-0.6	-1.0%	
11.1%	62.3	61.7	-0.6	-1.0%	
12.3%	62.1	61.7	-0.4	-0.6%	
13.6%	61.7	61.3	-0.4	-0.6%	
14.8%	61.7	61.2	-0.5	-0.8%	
16.0%	61.3	60.8	-0.5	-0.8%	
17.3%	60.9	60.6	-0.3	-0.5%	
18.5%	60.8	60.5	-0.3	-0.5%	
19.8%	60.7	60.4	-0.3	-0.5%	
21.0%	60.5	60.3	-0.2	-0.3%	
22.2%	60.4	60.3	-0.1	-0.2%	
23.5%	60.4	60.1	-0.3	-0.5%	
24.7%	60.3	60.1	-0.2	-0.3%	
25.9%	60.3	60.2	-0.1	-0.2%	
27.2%	60.1	60.0	-0.1	-0.2%	
28.4%	60.1	59.8	-0.3	-0.5%	
29.6%	60.1	59.8	-0.3	-0.5%	
30.9%	59.9	59.8	-0.1	-0.2%	
32.1%	59.9	59.7	-0.2	-0.3%	
33.3%	59.8	59.7	-0.1	-0.2%	
34.5%	59.8	59.7	-0.1	-0.2%	
35.8%	59.7	59.6	-0.1	-0.2%	
37.0%	59.6	59.5	-0.1	-0.2%	
38.3%	59.6	59.5	-0.1	-0.2%	
39.5%	59.5	59.5	0.0	0.0%	
40.7%	59.5	59.4	-0.1	-0.2%	
42.0%	59.4	59.4	0.0	0.0%	
43.2%	59.4	59.3	-0.1	-0.2%	
44.4%	59.4	59.3	-0.1	-0.2%	
45.7%	59.4	59.2	-0.2	-0.3%	
46.9%	59.3	59.2	-0.1	-0.2%	
48.1%	59.2	59.1	-0.1	-0.2%	
49.4%	59.2	59.1	-0.1	-0.2%	
50.6%	59.1	59.0	-0.1	-0.2%	
51.9%	59.0	58.9	-0.1	-0.2%	
53.1%	58.9	58.7	-0.2	-0.3%	
54.3%	58.9	58.7	-0.2	-0.3%	
55.6%	58.9	58.5	-0.4	-0.7%	
56.8%	58.7	58.5	-0.2	-0.3%	
58.0%	58.7	58.5	-0.2	-0.3%	
59.3%	58.6	58.5	-0.1	-0.2%	
60.5%	58.6	58.5	-0.1	-0.2%	
61.7%	58.5	58.3	-0.2	-0.3%	
63.0%	58.5	58.3	-0.2	-0.3%	
64.2%	58.5	58.3	-0.2	-0.3%	
65.4%	58.2	58.2	0.0	0.0%	
66.7%	58.4	58.2	-0.2	-0.3%	
67.9%	58.4	58.2	-0.2	-0.3%	
69.1%	58.3	58.2	-0.1	-0.2%	
70.4%	58.3	58.2	-0.1	-0.2%	
71.6%	58.2	58.1	-0.1	-0.2%	
72.8%	58.2	58.1	-0.1	-0.2%	
74.1%	58.2	58.0	-0.2	-0.3%	
75.3%	58.1	57.6	-0.5	-0.9%	
76.5%	58.1	57.5	-0.6	-1.0%	
77.8%	58.1	57.4	-0.7	-1.2%	
79.0%	58.0	57.4	-0.6	-1.0%	
80.2%	58.0				

Table SQ-35-9a
Trinity River at North Fork, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	53.2	44.1	39.8	38.5	43.1	46.6	53.5	51.2	58.8	64.5	64.6	59.1
Alternative D	53.1	44.0	39.7	38.6	43.1	46.6	53.5	51.2	58.8	64.4	64.6	59.1
Difference	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0
Percent Difference	-0.1%	-0.1%	-0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%
Water Year Types²												
Wet (32%)												
No Action Alternative	52.5	44.1	40.5	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.9	59.0
Alternative D	52.5	44.1	40.4	39.6	43.3	46.0	52.7	50.1	55.3	62.8	64.7	59.1
Difference	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	0.1
Percent Difference	0.0%	0.0%	-0.2%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.1%	-0.3%	0.1%
Above Normal (15%)												
No Action Alternative	52.5	42.8	39.6	38.3	43.1	46.4	53.5	50.3	57.8	63.4	64.1	58.3
Alternative D	52.3	42.8	39.5	38.3	43.1	46.4	53.5	50.3	57.7	63.3	63.7	58.5
Difference	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.3	0.2
Percent Difference	-0.3%	0.0%	-0.1%	0.0%	0.1%	0.1%	0.0%	-0.1%	-0.1%	-0.3%	-0.5%	0.3%
Below Normal (17%)												
No Action Alternative	53.6	44.4	39.5	37.9	42.6	46.5	53.9	50.9	59.5	64.9	64.9	59.5
Alternative D	53.6	44.4	39.5	37.9	42.6	46.5	54.0	51.0	59.5	64.7	64.9	59.6
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1
Percent Difference	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	-0.2%	0.0%	0.1%
Dry (22%)												
No Action Alternative	53.0	44.2	39.8	37.7	42.8	46.9	54.0	51.5	61.5	65.2	63.9	58.5
Alternative D	53.1	44.1	39.8	37.8	42.8	46.9	53.9	51.4	61.4	65.1	64.0	58.5
Difference	0.1	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.1	0.0
Percent Difference	0.1%	-0.2%	-0.1%	0.3%	0.0%	-0.1%	-0.1%	-0.2%	-0.1%	-0.2%	0.2%	0.0%
Critical (15%)												
No Action Alternative	54.9	44.6	38.5	38.3	43.4	47.5	54.0	54.3	63.2	67.8	65.4	60.6
Alternative D	54.6	44.5	38.5	38.3	43.4	47.5	54.1	54.2	63.2	67.8	65.3	60.3
Difference	-0.4	-0.1	0.0	0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.3
Percent Difference	-0.7%	-0.2%	0.0%	0.2%	0.0%	-0.1%	0.1%	-0.2%	-0.1%	0.0%	-0.2%	-0.5%

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

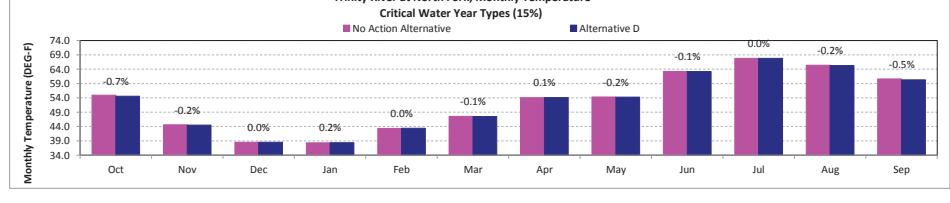
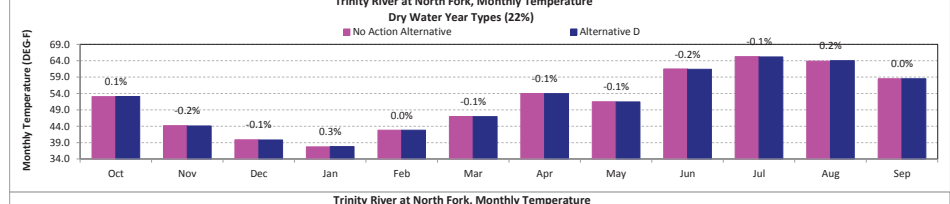
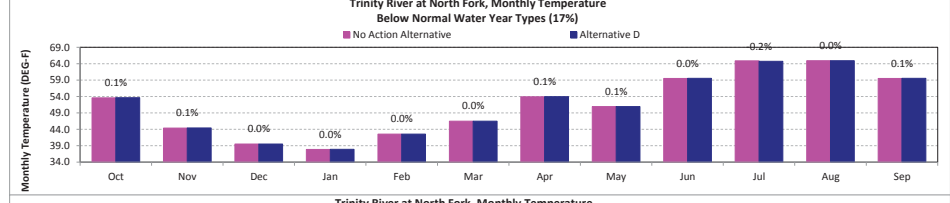
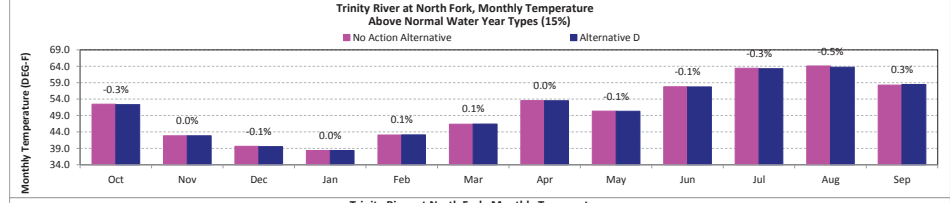
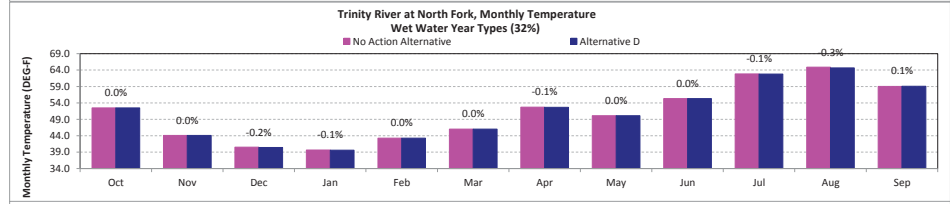
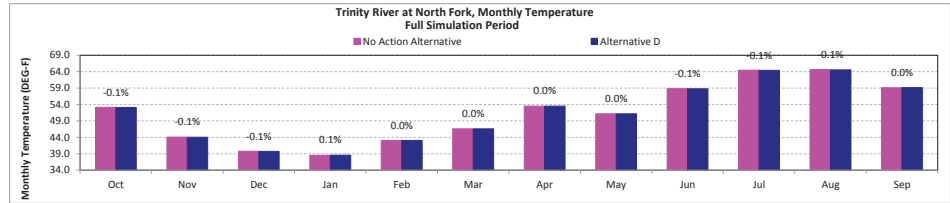


Figure SQ-35-9b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

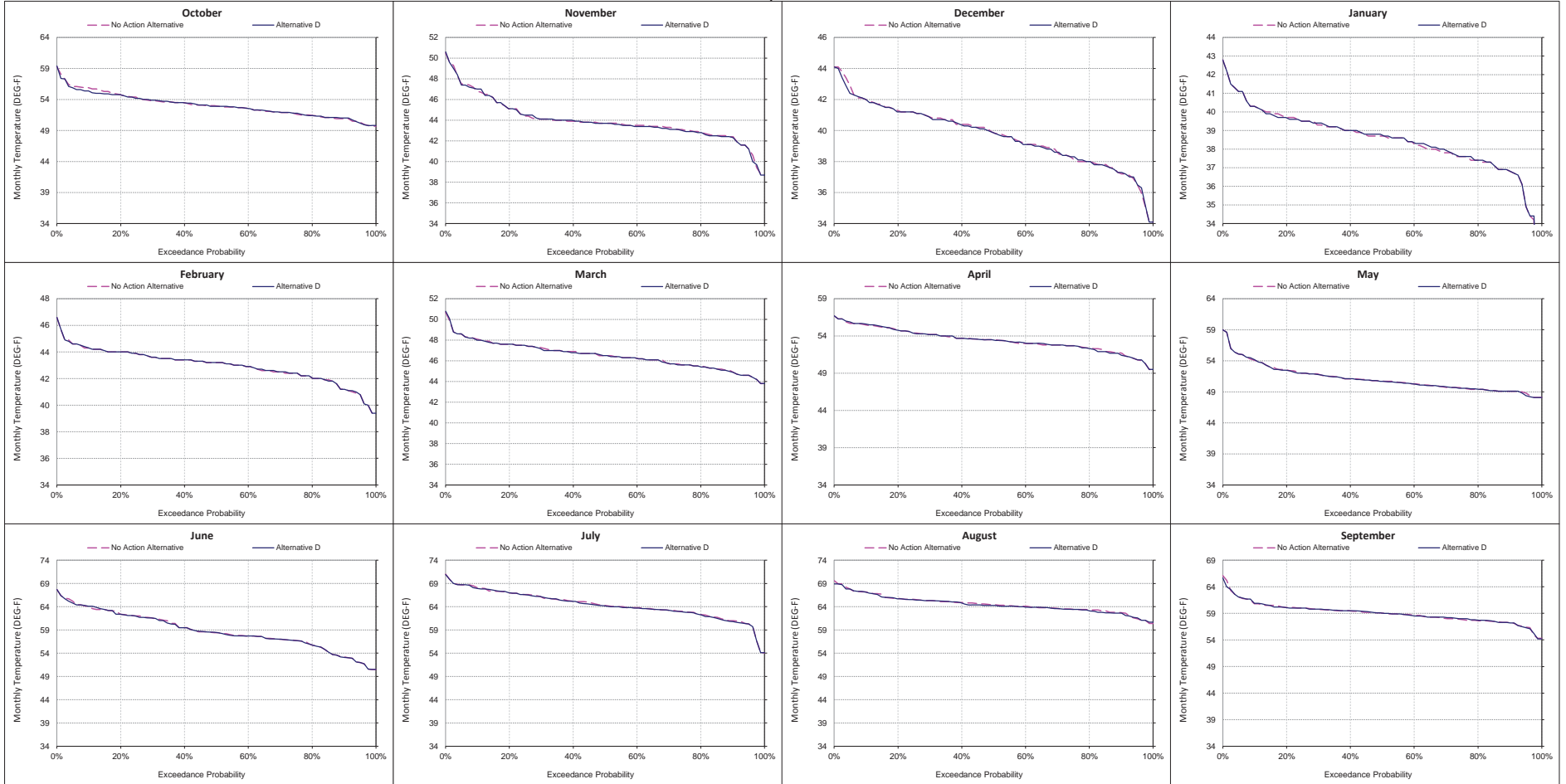


Table SQ-35-9b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	59.3	59.4	0.1	0.2%	
1.2%	58.1	57.4	-0.7	-1.2%	
2.5%	57.3	57.3	0.0	0.0%	
3.7%	56.4	56.6	0.3	+0.5%	
4.9%	56.1	55.9	-0.2	-0.4%	
6.2%	56.1	55.6	-0.5	-0.9%	
7.4%	56.0	55.6	-0.4	-0.7%	
8.6%	55.9	55.4	-0.5	-0.9%	
9.9%	55.9	55.4	-0.5	-0.9%	
11.1%	55.7	55.1	-0.6	-1.1%	
12.3%	55.7	55.0	-0.7	-1.3%	
13.6%	55.5	55.0	-0.5	-0.9%	
14.8%	55.3	54.9	-0.4	-0.7%	
16.0%	55.3	54.9	-0.4	-0.7%	
17.3%	55.0	54.8	-0.2	-0.4%	
18.5%	54.9	54.8	-0.1	-0.2%	
19.8%	54.8	54.8	0.0	0.0%	
21.0%	54.6	54.6	0.0	0.0%	
22.2%	54.5	54.4	-0.1	-0.2%	
23.5%	54.4	54.4	0.0	0.0%	
24.7%	54.4	54.2	-0.2	-0.4%	
25.9%	54.2	54.2	0.0	0.0%	
27.2%	54.0	54.0	0.0	0.0%	
28.4%	53.9	54.0	0.1	0.2%	
29.6%	53.8	53.9	0.1	0.2%	
30.9%	53.8	53.9	0.1	0.2%	
32.1%	53.7	53.8	0.1	0.2%	
33.3%	53.6	53.7	0.1	0.2%	
34.5%	53.6	53.7	0.1	0.2%	
35.8%	53.6	53.6	0.0	0.0%	
37.0%	53.5	53.5	0.0	0.0%	
38.3%	53.5	53.5	0.0	0.0%	
39.5%	53.5	53.5	0.0	0.0%	
40.7%	53.4	53.4	0.0	0.0%	
42.0%	53.2	53.4	0.2	0.4%	
43.2%	53.1	53.3	0.2	0.4%	
44.4%	53.1	53.1	0.0	0.0%	
45.7%	53.1	53.1	0.0	0.0%	
46.9%	53.0	53.1	0.1	0.2%	
48.1%	53.0	52.9	-0.1	-0.2%	
49.4%	53.0	52.9	-0.1	-0.2%	
50.6%	52.9	52.9	0.0	0.0%	
51.9%	52.8	52.9	0.1	0.2%	
53.1%	52.8	52.9	0.1	0.2%	
54.3%	52.8	52.8	0.0	0.0%	
55.6%	52.8	52.8	0.0	0.0%	
56.8%	52.7	52.7	0.0	0.0%	
58.0%	52.7	52.7	0.0	0.0%	
59.3%	52.6	52.6	0.0	0.0%	
60.5%	52.6	52.5	-0.1	-0.2%	
61.7%	52.3	52.3	0.0	0.0%	
63.0%	52.3	52.3	0.0	0.0%	
64.2%	52.2	52.3	0.1	0.2%	
65.4%	52.1	52.2	0.1	0.2%	
66.7%	52.1	52.1	0.0	0.0%	
67.9%	52.0	52.0	0.0	0.0%	
69.1%	52.0	52.0	0.0	0.0%	
70.4%	51.9	51.9	0.0	0.0%	
71.6%	51.9	51.9	0.0	0.0%	
72.8%	51.9	51.9	0.0	0.0%	
74.1%	51.8	51.8	0.0	0.0%	
75.3%	51.6	51.8	0.2	0.4%	
76.5%	51.5	51.6	0.1	0.2%	
77.8%	51.5	51.5	0.0	0.0%	
79.0%	51.5	51.4	-0.1	-0.2%	
80.2%	51.4	51.4	0.0	0.0%	
81.5%	51.4	51.3	-0.1	-0.2%	
82.7%	51.2	51.3	0.1	0.2%	
84.0%	51.1	51.1	0.0	0.0%	
85.2%	51.1	51.1	0.0	0.0%	
86.4%	51.0	51.1	0.1	0.2%	
87.7%	50.9	51.1	0.2	0.4%	
88.9%	50.9	51.0	0.1	0.2%	
90.1%	50.9	51.0	0.1	0.2%	
91.4%	50.9	51.0	0.1	0.2%	
92.6%	50.5	50.7	0.2	0.4%	
93.8%	50.5	50.4	-0.1	-0.2%	
95.1%	50.3	50.2	-0.1	-0.2%	
96.3%	50.9	49.9	-1.0	-1.7%	
97.5%	49.8	49.8	0.0	0.0%	
98.8%	49.7	49.8	0.1	0.2%	
100.0%	49.7	49.8	0.1	0.3%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.5	50.6	0.1	0.2%	
1.2%	49.6	49.6	0.0	0.0%	
2.5%	49.3	49.0	-0.3	-0.6%	
3.7%	48.3	48.4	0.1	0.2%	
4.9%	47.5	47.4	-0.1	-0.2%	
6.2%	47.5	47.4	-0.1	-0.2%	
7.4%	47.4	47.2	-0.2	-0.4%	
8.6%	47.2	47.1	-0.1	-0.2%	
9.9%	46.8	47.0	0.2	0.4%	
11.1%	46.7	47.0	0.3	0.6%	
12.3%	46.5	46.4	-0.1	-0.2%	
13.6%	46.5	46.4	-0.1	-0.2%	
14.8%	46.2	46.2	0.0	0.0%	
16.0%	45.7	45.7	0.0	0.0%	
17.3%	45.6	45.7	0.1	0.2%	
18.5%	45.4	45.4	0.0	0.0%	
19.8%	45.1	45.1	0.0	0.0%	
21.0%	45.1	45.1	0.0	0.0%	
22.2%	45.1	45.0	-0.1	-0.2%	
23.5%	44.6	44.6	0.0	0.0%	
24.7%	44.4	44.5	0.1	0.2%	
25.9%	44.1	44.1	0.0	0.0%	
27.2%	44.2	44.5	0.3	0.7%	
28.4%	44.1	44.2	0.1	0.2%	
29.6%	44.1	44.1	0.0	0.0%	
30.9%	44.1	44.1	0.0	0.0%	
32.1%	44.1	44.1	0.0	0.0%	
33.3%	44.0	44.1	0.1	0.2%	
34.5%	44.0	44.0	0.0	0.0%	
35.8%	44.0	44.0	0.0	0.0%	
37.0%	44.0	44.0	0.0	0.0%	
38.3%	43.9	44.0	0.1	0.2%	
39.5%	43.9	44.0	0.1	0.2%	
40.7%	43.9	43.9	0.0	0.0%	
42.0%	43.8	44.1	0.3	0.6%	
43.2%	43.8	43.8	0.0	0.0%	
44.4%	43.8	43.8	0.0	0.0%	
45.7%	43.8	43.8	0.0	0.0%	
46.9%	43.8	43.7	-0.1	-0.2%	
48.1%	43.7	43.7	0.0	0.0%	
49.4%	43.7	43.7	0.0	0.0%	
50.6%	43.7	43.7	0.0	0.0%	
51.9%	43.7	43.7	0.0	0.0%	
53.1%	43.7	43.6	-0.1	-0.2%	
54.3%	43.7	43.6	-0.1	-0.2%	
55.6%	43.6	43.5	-0.1	-0.2%	
56.8%	43.5	43.5	0.0	0.0%	
58.0%	43.5	43.5	0.0	0.0%	
59.3%	43.5	43.4	-0.1	-0.2%	
60.5%	43.5	43.4	-0.1	-0.2%	
61.7%	43.5	43.4	-0.1	-0.2%	
63.0%	43.5	43.4	-0.1	-0.2%	
64.2%	43.4	43.4	0.0	0.0%	
65.4%	43.4	43.3	-0.1	-0.2%	
66.7%	43.4	43.3	-0.1	-0.2%	
67.9%	43.4	43.2	-0.2	-0.5%	
69.1%	43.3	43.2	-0.1	-0.2%	
70.4%	43.3	43.1	-0.2	-0.5%	
71.6%	43.2	43.1	-0.1	-0.2%	
72.8%	43.1	43.1	0.0	0.0%	
74.1%	43.1	43.0	-0.1	-0.2%	
75.3%	43.0	42.9	-0.1	-0.2%	
76.5%	43.0	42.9	-0.1	-0.2%	
77.8%	42.9	42.9	0.0	0.0%	
79.0%	42.9	42.8	-0.1	-0.2%	
80.2%	42.8	42.8	0.0	0.0%	
81.5%	42.7	42.6	-0.1	-0.2%	
82.7%	42.6	42.5	-0.1	-0.2%	
84.0%	42.5	42.5	0.0	0.0%	
85.2%	42.5	42.5	0.0	0.0%	
86.4%	42.5	42.4	-0.1	-0.2%	
87.7%	42.5	42.4	-0.1	-0.2%	
88.9%	42.4	42.4	0.0	0.0%	
90.1%	42.4	42.3	-0.1	-0.2%	
91.4%	41.9	41.9	0.0	0.0%	
92.6%	41.6	41.6	0.0	0.0%	
93.8%	41.6	41.6	0.0	0.0%	
95.1%	41.2	41.2	0.0	0.0%	
96.3%	40.6	40.6	0.0	0.0%	
97.5%	39.4	39.7	0.3	0.8%	
98.8%	38.8	38.7	-0.1	-0.3%	
100.0%	38.8	38.7	-0.1	-0.3%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	44.1	44.1	0.0	0.0%	
1.2%	44.1	44.0	-0.1	-0.2%	
2.5%	43.6	43.4	-0.4	-0.9%	
3.7%	42.9	42.9	-0.5	-1.2%	
4.9%	42.9	42.4	-0.5	-1.2%	
6.2%	42.3	42.3	0.0	0.0%	
7.4%	42.1	42.2	0.1	0.2%	
8.6%	42.1	42.1	0.0	0.0%	
9.9%	42.0	42.0	0.0	0.0%	
11.1%	41.8	41.8	-0.1	-0.2%	
12.3%	41.8	41.8	0.0	0.0%	
13.6%	41.7	41.7	0.0	0.0%	
14.8%	41.7	41.6	-0.1	-0.2%	
16.0%	41.5	41.5	0.0	0.0%	
17.3%	41.5	41.5	0.0	0.0%	
18.5%	41.4	41.4	0.0	0.0%	
19.8%	41.3	41.2	-0.1	-0.2%	
21.0%	41.2	41.2	0.0	0.0%	
22.2%	41.2	41.2	0.0	0.0%	
23.5%	41.2	41.2	0.0	0.0%	
24.7%	41.2	41.2	0.0	0.0%	
25.9%	41.1	41.1	0.0	0.0%	
27.2%	41.1	41.1	0.0	0.0%	
28.4%	41.0	41.0	0.0	0.0%	
29.6%	40.9	40.9	0.0	0.0%	
30.9%	40.8	40.7	-0.1	-0.2%	
32.1%	40.8	40.7	-0.1	-0.2%	
33.3%	40.8	40.7	-0.1	-0.2%	
34.5%	40.7	40.7	0.0	0.0%	
35.8%	40.7	40.6	-0.1	-0.2%	
37.0%	40.7	40.6	-0.1	-0.2%	
38.3%	40.4	40.5	0.1	0.2%	
39.5%	40.4	40.4	0.0	0.0%	
40.7%	40.4	40.3	-0.1	-0.2%	
42.0%	40.3	40.3	0.0	0.0%	
43.2%	40.3	40.2	-0.1	-0.2%	
44.4%	40.2	40.2	0.0	0.0%	
45.7%	40.2	40.1	-0.1	-0.2%	
46.9%	40.2	40.1	-0.1	-0.2%	
48.1%	40.1	40.0	-0.1	-0.2%	
49.4%	39.9	39.9	0.0	0.0%	
50.6%	39.8	39.8	0.0	0.0%	
51.9%	39.8	39.7	-0.1	-0.3%	
53.1%	39.7	39.6	-0.1	-0.3%	
54.3%	39.6	39.6	0.0	0.0%	
55.6%	39.6	39.6	0.0	0.0%	
56.8%	39.4	39.3	-0.1	-0.3%	
58.0%	39.3	39.3	0.0	0.0%	
59.3%	39.2	39.1	-0.1	-0.3%	
60.5%	39.1	39.1	0.0	0.0%	
61.7%	39.1	39.1	0.0	0.0%	
63.0%	39.1	39.0	-0.1	-0.3%	
64.2%	39.0	39.0	0.0	0.0%	
65.4%	39.0	38.9	-0.1	-0.3%	
66.7%	38.9	38.8	-0.1	-0.3%	
67.9%	38.9	38.8	-0.1	-0.3%	
69.1%	38.8	38.6	-0.2	-0.5%	
70.4%	38.5	38.6	0.1	0.3%	
71.6%	38.4	38.4	0.0	0.0%	
72.8%	38.4	38.4	0.0	0.0%	
74.1%	38.3	38.3	0.0	0.0%	
75.3%	38.1	38.3	0.2	0.5%	
76.5%	38.0	38.1	0.1	0.3%	
77.8%	38.0	38.1	0.1	0.3%	
79.0%	38.0	38.0	0.0	0.0%	
80.2%	3				

Table SQ-35-9b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

February					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.6	46.6	0.0	0.0%	
1.2%	45.7	45.7	0.0	0.0%	
2.5%	44.9	44.9	0.0	0.0%	
3.7%	44.9	44.8	-0.1	-0.2%	
4.9%	44.6	44.6	0.0	0.0%	
6.2%	44.6	44.6	0.0	0.0%	
7.4%	44.5	44.5	0.0	0.0%	
8.6%	44.3	44.4	0.1	0.2%	
9.9%	44.3	44.3	0.0	0.0%	
11.1%	44.2	44.2	0.0	0.0%	
12.3%	44.2	44.2	0.0	0.0%	
13.6%	44.2	44.2	0.0	0.0%	
14.8%	44.1	44.1	0.0	0.0%	
16.0%	44.0	44.0	0.0	0.0%	
17.3%	44.0	44.0	0.0	0.0%	
18.5%	44.0	44.0	0.0	0.0%	
19.8%	44.0	44.0	0.0	0.0%	
21.0%	44.0	44.0	0.0	0.0%	
22.2%	44.0	44.0	0.0	0.0%	
23.5%	43.9	43.9	0.0	0.0%	
24.7%	43.9	43.9	0.0	0.0%	
25.9%	43.8	43.8	0.0	0.0%	
27.2%	43.8	43.8	0.0	0.0%	
28.4%	43.7	43.7	0.0	0.0%	
29.6%	43.6	43.6	0.0	0.0%	
30.9%	43.6	43.6	0.0	0.0%	
32.1%	43.5	43.5	0.0	0.0%	
33.3%	43.5	43.5	0.0	0.0%	
34.5%	43.5	43.5	0.0	0.0%	
35.8%	43.5	43.5	0.0	0.0%	
37.0%	43.4	43.4	0.0	0.0%	
38.3%	43.4	43.4	0.0	0.0%	
39.5%	43.4	43.4	0.0	0.0%	
40.7%	43.4	43.4	0.0	0.0%	
42.0%	43.4	43.4	0.0	0.0%	
43.2%	43.3	43.3	0.0	0.0%	
44.4%	43.3	43.3	0.0	0.0%	
45.7%	43.3	43.3	0.0	0.0%	
46.9%	43.2	43.2	0.0	0.0%	
48.1%	43.2	43.2	0.0	0.0%	
49.4%	43.2	43.2	0.0	0.0%	
50.6%	43.2	43.2	0.0	0.0%	
51.9%	43.2	43.2	0.0	0.0%	
53.1%	43.1	43.1	0.0	0.0%	
54.3%	43.1	43.1	0.0	0.0%	
55.6%	43.0	43.0	0.0	0.0%	
56.8%	43.0	43.0	0.0	0.0%	
58.0%	43.0	43.0	0.0	0.0%	
59.3%	42.9	42.9	0.0	0.0%	
60.5%	42.9	42.9	0.0	0.0%	
61.7%	42.8	42.8	0.0	0.0%	
63.0%	42.7	42.7	0.0	0.0%	
64.2%	42.6	42.7	0.1	0.2%	
65.4%	42.6	42.6	0.0	0.0%	
66.7%	42.6	42.6	0.0	0.0%	
67.9%	42.5	42.6	0.1	0.2%	
69.1%	42.5	42.5	0.0	0.0%	
70.4%	42.5	42.5	0.0	0.0%	
71.6%	42.4	42.5	0.1	0.2%	
72.8%	42.4	42.4	0.0	0.0%	
74.1%	42.4	42.4	0.0	0.0%	
75.3%	42.4	42.4	0.0	0.0%	
76.5%	42.2	42.2	0.0	0.0%	
77.8%	42.2	42.2	0.0	0.0%	
79.0%	42.2	42.2	0.0	0.0%	
80.2%	42.0	42.0	0.0	0.0%	
81.5%	42.0	42.0	0.0	0.0%	
82.7%	42.0	42.0	0.0	0.0%	
84.0%	41.9	41.9	0.0	0.0%	
85.2%	41.9	41.8	-0.1	-0.2%	
86.4%	41.8	41.8	0.0	0.0%	
87.7%	41.6	41.6	0.0	0.0%	
88.9%	41.2	41.2	0.0	0.0%	
90.1%	41.2	41.2	0.0	0.0%	
91.4%	41.1	41.1	0.0	0.0%	
92.6%	41.0	41.1	0.1	0.2%	
93.8%	40.9	41.0	0.1	0.2%	
95.1%	40.8	40.8	0.0	0.0%	
96.3%	40.1	40.1	0.0	0.0%	
97.5%	40.0	40.0	0.0	0.0%	
98.8%	39.4	39.4	0.0	0.0%	
100.0%	39.4	39.4	0.0	0.0%	

March					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	50.7	50.8	0.1	0.2%	
1.2%	49.9	50.1	0.2	0.4%	
2.5%	48.8	48.8	0.0	0.0%	
3.7%	48.6	48.6	0.0	0.0%	
4.9%	48.6	48.6	0.0	0.0%	
6.2%	48.3	48.3	0.0	0.0%	
7.4%	48.3	48.2	-0.1	-0.2%	
8.6%	48.2	48.2	0.0	0.0%	
9.9%	48.1	48.0	-0.1	-0.2%	
11.1%	48.0	48.0	0.0	0.0%	
12.3%	47.9	47.9	0.0	0.0%	
13.6%	47.9	47.8	-0.1	-0.2%	
14.8%	47.7	47.7	0.0	0.0%	
16.0%	47.7	47.7	0.0	0.0%	
17.3%	47.6	47.6	0.0	0.0%	
18.5%	47.6	47.6	0.0	0.0%	
19.8%	47.6	47.6	0.0	0.0%	
21.0%	47.6	47.6	0.0	0.0%	
22.2%	47.5	47.5	0.0	0.0%	
23.5%	47.5	47.5	0.0	0.0%	
24.7%	47.5	47.5	0.0	0.0%	
25.9%	47.4	47.4	0.0	0.0%	
27.2%	47.4	47.4	0.0	0.0%	
28.4%	47.3	47.3	0.0	0.0%	
29.6%	47.3	47.2	-0.1	-0.2%	
30.9%	47.2	47.0	-0.2	-0.4%	
32.1%	47.1	47.0	-0.1	-0.2%	
33.3%	47.0	47.0	0.0	0.0%	
34.5%	47.0	47.0	0.0	0.0%	
35.8%	47.0	47.0	0.0	0.0%	
37.0%	46.9	46.9	0.0	0.0%	
38.3%	46.9	46.9	0.0	0.0%	
39.5%	46.9	46.8	-0.1	-0.2%	
40.7%	46.9	46.8	-0.1	-0.2%	
42.0%	46.7	46.7	0.0	0.0%	
43.2%	46.7	46.7	0.0	0.0%	
44.4%	46.7	46.7	0.0	0.0%	
45.7%	46.7	46.7	0.0	0.0%	
46.9%	46.7	46.7	0.0	0.0%	
48.1%	46.5	46.6	0.1	0.2%	
49.4%	46.5	46.5	0.0	0.0%	
50.6%	46.5	46.5	0.0	0.0%	
51.9%	46.5	46.4	-0.1	-0.2%	
53.1%	46.4	46.4	0.0	0.0%	
54.3%	46.4	46.4	0.0	0.0%	
55.6%	46.3	46.3	0.0	0.0%	
56.8%	46.3	46.3	0.0	0.0%	
58.0%	46.3	46.3	0.0	0.0%	
59.3%	46.3	46.3	0.0	0.0%	
60.5%	46.2	46.2	0.0	0.0%	
61.7%	46.2	46.2	0.0	0.0%	
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%	46.1	46.1	0.0	0.0%	
67.9%	46.1	45.9	-0.2	-0.4%	
69.1%	45.8	45.8	0.0	0.0%	
70.4%	45.7	45.7	0.0	0.0%	
71.6%	45.7	45.7	0.0	0.0%	
72.8%	45.7	45.6	-0.1	-0.2%	
74.1%	45.6	45.6	0.0	0.0%	
75.3%	45.6	45.6	0.0	0.0%	
76.5%	45.6	45.6	0.0	0.0%	
77.8%	45.5	45.5	0.0	0.0%	
79.0%	45.5	45.5	0.0	0.0%	
80.2%	45.5	45.4	-0.1	-0.2%	
81.5%	45.4	45.4	0.0	0.0%	
82.7%	45.3	45.3	0.0	0.0%	
84.0%	45.3	45.3	0.0	0.0%	
85.2%	45.2	45.2	0.0	0.0%	
86.4%	45.2	45.1	-0.1	-0.2%	
87.7%	45.1	45.1	0.0	0.0%	
88.9%	45.1	45.0	-0.1	-0.2%	
90.1%	44.9	44.9	0.0	0.0%	
91.4%	44.7	44.7	0.0	0.0%	
92.6%	44.6	44.6	0.0	0.0%	
93.8%	44.6	44.6	0.0	0.0%	
95.1%	44.6	44.6	0.0	0.0%	
96.3%	44.4	44.4	0.0	0.0%	
97.5%	44.2	44.2	0.0	0.0%	
98.8%	43.8	43.8	0.0	0.0%	
100.0%	43.8	43.8	0.0	0.0%	

April					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	56.7	56.7	0.0	0.0%	
1.2%	56.3	56.3	0.0	0.0%	
2.5%	56.3	56.3	0.0	0.0%	
3.7%	56.0	56.0	0.0	0.0%	
4.9%	55.7	55.9	0.2	0.4%	
6.2%	55.7	55.7	0.0	0.0%	
7.4%	55.7	55.7	0.0	0.0%	
8.6%	55.6	55.7	0.1	0.2%	
9.9%	55.5	55.6	0.1	0.2%	
11.1%	55.4	55.5	0.1	0.2%	
12.3%	55.4	55.5	0.1	0.2%	
13.6%	55.3	55.4	0.1	0.2%	
14.8%	55.2	55.3	0.1	0.2%	
16.0%	55.1	55.2	0.1	0.2%	
17.3%	55.1	55.1	0.0	0.0%	
18.5%	55.0	54.9	-0.1	-0.2%	
19.8%	54.8	54.8	0.0	0.0%	
21.0%	54.7	54.7	0.0	0.0%	
22.2%	54.7	54.7	0.0	0.0%	
23.5%	54.6	54.6	0.0	0.0%	
24.7%	54.4	54.4	0.0	0.0%	
25.9%	54.4	54.4	0.0	0.0%	
27.2%	54.3	54.3	0.0	0.0%	
28.4%	54.3	54.3	0.0	0.0%	
29.6%	54.2	54.2	0.0	0.0%	
30.9%	54.2	54.2	0.0	0.0%	
32.1%	54.2	54.2	0.0	0.0%	
33.3%	54.0	54.0	0.0	0.0%	
34.5%	54.0	54.0	0.0	0.0%	
35.8%	53.9	54.0	0.1	0.2%	
37.0%	53.9	54.0	0.1	0.2%	
38.3%	53.7	53.7	0.0	0.0%	
39.5%	53.7	53.7	0.0	0.0%	
40.7%	53.7	53.7	0.0	0.0%	
42.0%	53.7	53.6	-0.1	-0.2%	
43.2%	53.6	53.6	0.0	0.0%	
44.4%	53.6	53.6	0.0	0.0%	
45.7%	53.6	53.5	-0.1	-0.2%	
46.9%	53.5	53.5	0.0	0.0%	
48.1%	53.5	53.5	0.0	0.0%	
49.4%	53.5	53.5	0.0	0.0%	
50.6%	53.5	53.4	-0.1	-0.2%	
51.9%	53.4	53.4	0.0	0.0%	
53.1%	53.4	53.4	0.0	0.0%	
54.3%	53.3	53.3	0.0	0.0%	
55.6%	53.2	53.2	0.0	0.0%	
56.8%	53.1	53.2	0.1	0.2%	
58.0%	53.0	53.2	0.2	0.4%	
59.3%	53.0	53.1	0.1	0.2%	
60.5%	53.0	53.0	0.0	0.0%	
61.7%	53.0	53.0	0.0	0.0%	
63.0%	53.0	53.0	0.0	0.0%	
64.2%	52.9	53.0	0.1	0.2%	
65.4%	52.8	53.0	0.2	0.4%	
66.7%	52.8	52.9	0.1	0.2%	
67.9%	52.8	52.8	0.0	0.0%	
69.1%	52.8	52.8	0.0	0.0%	
70.4%	52.8	52.8	0.0	0.0%	
71.6%	52.8	52.8	0.0	0.0%	
72.8%	52.7	52.7	0.0	0.0%	
74.1%	52.7	52.7	0.0	0.0%	
75.3%	52.7	52.7	0.0	0.0%	
76.5%	52.6	52.6	0.0	0.0%	
77.8%	52.5	52.4	-0.1	-0.2%	
79.0%	52.4	52.4	0.0	0.0%	
80.2%	52.4				

Table SQ-35-9b
Trinity River at North Fork, Monthly Temperature
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	67.7	67.7	0.0	0.0%	
1.2%	66.4	66.4	0.0	0.0%	
2.5%	65.0	65.7	-0.1	-0.2%	
3.7%	65.7	65.2	0.5	0.8%	
4.9%	65.2	64.8	-0.4	-0.6%	
6.2%	64.4	64.4	0.0	0.0%	
7.4%	64.4	64.4	0.0	0.0%	
8.6%	64.2	64.3	0.1	0.2%	
9.9%	64.0	64.1	0.1	0.2%	
11.1%	63.6	64.1	0.5	0.8%	
12.3%	63.4	63.9	0.5	0.8%	
13.6%	63.4	63.6	0.2	0.3%	
14.8%	63.4	63.4	0.0	0.0%	
16.0%	63.2	63.2	0.0	0.0%	
17.3%	63.1	63.2	0.1	0.2%	
18.5%	63.0	62.4	-0.7	-1.1%	
19.8%	62.4	62.4	0.0	0.0%	
21.0%	62.3	62.3	0.0	0.0%	
22.2%	62.2	62.1	-0.1	-0.2%	
23.5%	62.1	62.1	0.0	0.0%	
24.7%	62.0	62.0	0.0	0.0%	
25.9%	61.7	61.7	0.0	0.0%	
27.2%	61.7	61.7	0.0	0.0%	
28.4%	61.7	61.6	-0.1	-0.2%	
29.6%	61.6	61.6	0.0	0.0%	
30.9%	61.4	61.5	0.1	0.2%	
32.1%	61.3	61.0	-0.3	-0.5%	
33.3%	61.1	61.0	-0.1	-0.2%	
34.5%	61.0	60.5	-0.5	-0.8%	
35.8%	60.4	60.3	-0.1	-0.2%	
37.0%	60.4	60.2	-0.2	-0.3%	
38.3%	59.5	59.5	0.0	0.0%	
39.5%	59.5	59.5	0.0	0.0%	
40.7%	59.5	59.5	0.0	0.0%	
42.0%	59.1	59.1	0.0	0.0%	
43.2%	58.9	58.9	0.0	0.0%	
44.4%	58.6	58.7	0.1	0.2%	
45.7%	58.6	58.6	0.0	0.0%	
46.9%	58.6	58.6	0.0	0.0%	
48.1%	58.5	58.5	0.0	0.0%	
49.4%	58.4	58.5	0.1	0.2%	
50.6%	58.4	58.4	0.0	0.0%	
51.9%	58.2	58.2	0.0	0.0%	
53.1%	58.2	58.0	-0.2	-0.3%	
54.3%	58.0	57.9	-0.1	-0.2%	
55.6%	57.8	57.7	-0.1	-0.2%	
56.8%	57.8	57.7	-0.1	-0.2%	
58.0%	57.8	57.7	-0.1	-0.2%	
59.3%	57.7	57.7	0.0	0.0%	
60.5%	57.7	57.7	0.0	0.0%	
61.7%	57.7	57.7	0.0	0.0%	
63.0%	57.6	57.6	0.0	0.0%	
64.2%	57.6	57.6	0.0	0.0%	
65.4%	57.2	57.2	0.0	0.0%	
66.7%	57.2	57.1	-0.1	-0.2%	
67.9%	57.1	57.1	0.0	0.0%	
69.1%	57.0	57.0	0.0	0.0%	
70.4%	57.0	57.0	0.0	0.0%	
71.6%	56.9	56.9	0.0	0.0%	
72.8%	56.8	56.8	0.0	0.0%	
74.1%	56.8	56.8	0.0	0.0%	
75.3%	56.7	56.7	0.0	0.0%	
76.5%	56.6	56.6	0.0	0.0%	
77.8%	56.6	56.2	-0.4	-0.7%	
79.0%	56.0	56.0	0.0	0.0%	
80.2%	55.7	55.7	0.0	0.0%	
81.5%	55.5	55.5	0.0	0.0%	
82.7%	55.3	55.3	0.0	0.0%	
84.0%	54.8	54.8	0.0	0.0%	
85.2%	54.2	54.2	0.0	0.0%	
86.4%	53.7	53.7	0.0	0.0%	
87.7%	53.6	53.6	0.0	0.0%	
88.9%	53.3	53.2	-0.1	-0.2%	
90.1%	53.2	53.1	-0.1	-0.2%	
91.4%	53.0	53.0	0.0	0.0%	
92.6%	52.9	52.9	0.0	0.0%	
93.8%	52.1	52.1	0.0	0.0%	
95.1%	52.0	52.0	0.0	0.0%	
96.3%	51.7	51.7	0.0	0.0%	
97.5%	50.6	50.6	0.0	0.0%	
98.8%	50.5	50.5	0.0	0.0%	
100.0%	50.5	50.5	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	71.0	70.9	-0.1	-0.1%	
1.2%	69.9	69.9	0.0	0.0%	
2.5%	69.0	69.0	0.0	0.0%	
3.7%	68.8	68.7	-0.1	-0.1%	
4.9%	68.7	68.7	0.0	0.0%	
6.2%	68.7	68.7	0.0	0.0%	
7.4%	68.7	68.6	-0.1	-0.1%	
8.6%	68.5	68.1	-0.4	-0.6%	
9.9%	68.1	67.9	-0.2	-0.3%	
11.1%	68.0	67.8	-0.2	-0.3%	
12.3%	67.9	67.8	-0.1	-0.1%	
13.6%	67.4	67.7	0.3	0.4%	
14.8%	67.4	67.6	0.2	0.3%	
16.0%	67.3	67.4	0.1	0.1%	
17.3%	67.3	67.3	0.0	0.0%	
18.5%	67.2	67.3	0.1	0.1%	
19.8%	67.0	67.0	0.0	0.0%	
21.0%	66.9	66.9	0.0	0.0%	
22.2%	66.9	66.9	0.0	0.0%	
23.5%	66.7	66.6	-0.1	-0.1%	
24.7%	66.6	66.6	0.0	0.0%	
25.9%	66.3	65.5	-0.8	-1.2%	
27.2%	66.5	66.3	-0.2	-0.3%	
28.4%	66.4	66.2	-0.2	-0.3%	
29.6%	66.2	66.2	0.0	0.0%	
30.9%	65.8	66.0	0.2	0.3%	
32.1%	65.8	65.8	0.0	0.0%	
33.3%	65.7	65.7	0.0	0.0%	
34.5%	65.6	65.7	0.1	0.2%	
35.8%	65.5	65.4	-0.1	-0.2%	
37.0%	65.5	65.3	-0.2	-0.3%	
38.3%	65.3	65.2	-0.1	-0.2%	
39.5%	65.2	65.2	0.0	0.0%	
40.7%	65.1	65.1	0.0	0.0%	
42.0%	65.1	64.8	-0.3	-0.5%	
43.2%	65.1	64.7	-0.4	-0.6%	
44.4%	65.0	64.6	-0.4	-0.6%	
45.7%	64.8	64.5	-0.3	-0.5%	
46.9%	64.6	64.4	-0.2	-0.3%	
48.1%	64.4	64.3	-0.1	-0.2%	
49.4%	64.3	64.2	-0.1	-0.2%	
50.6%	64.2	64.1	-0.1	-0.2%	
51.9%	64.1	64.0	-0.1	-0.2%	
53.1%	64.0	64.0	0.0	0.0%	
54.3%	64.0	64.0	0.0	0.0%	
55.6%	64.0	63.8	-0.2	-0.3%	
56.8%	63.8	63.8	0.0	0.0%	
58.0%	63.8	63.8	0.0	0.0%	
59.3%	63.8	63.7	-0.1	-0.2%	
60.5%	63.8	63.7	-0.1	-0.2%	
61.7%	63.7	63.6	-0.1	-0.2%	
63.0%	63.6	63.6	0.0	0.0%	
64.2%	63.6	63.5	-0.1	-0.2%	
65.4%	63.4	63.4	0.0	0.0%	
66.7%	63.4	63.4	0.0	0.0%	
67.9%	63.3	63.3	0.0	0.0%	
69.1%	63.3	63.3	0.0	0.0%	
70.4%	63.2	63.2	0.0	0.0%	
71.6%	63.2	63.0	-0.2	-0.3%	
72.8%	63.0	63.0	0.0	0.0%	
74.1%	63.0	62.9	-0.1	-0.2%	
75.3%	62.9	62.8	-0.1	-0.2%	
76.5%	62.8	62.8	0.0	0.0%	
77.8%	62.8	62.7	-0.1	-0.2%	
79.0%	62.3	62.4	0.1	0.2%	
80.2%	62.3	62.2	-0.1	-0.2%	
81.5%	62.2	61.9	-0.3	-0.5%	
82.7%	61.9	61.9	0.0	0.0%	
84.0%	61.8	61.7	-0.1	-0.2%	
85.2%	61.7	61.5	-0.2	-0.3%	
86.4%	61.4	61.2	-0.2	-0.3%	
87.7%	61.2	61.0	-0.2	-0.3%	
88.9%	61.0	60.9	-0.1	-0.2%	
90.1%	61.0	60.8	-0.2	-0.3%	
91.4%	60.9	60.6	-0.3	-0.5%	
92.6%	60.8	60.5	-0.3	-0.5%	
93.8%	60.4	60.4	0.0	0.0%	
95.1%	60.3	60.3	0.0	0.0%	
96.3%	60.3	60.3	0.0	0.0%	
97.5%	56.6	56.6	0.0	0.0%	
98.8%	54.1	54.1	0.0	0.0%	
100.0%	54.1	54.1	0.0	0.0%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	69.6	68.9	-0.7	-1.0%	
1.2%	68.9	68.9	0.0	0.0%	
2.5%	68.9	68.7	-0.2	-0.3%	
3.7%	68.2	67.8	-0.4	-0.6%	
4.9%	67.8	67.8	0.0	0.0%	
6.2%	67.3	67.4	0.1	0.1%	
7.4%	67.3	67.3	0.0	0.0%	
8.6%	67.2	67.3	0.1	0.1%	
9.9%	67.2	67.1	-0.1	-0.1%	
11.1%	67.0	66.9	-0.1	-0.1%	
12.3%	66.8	66.8	0.0	0.0%	
13.6%	66.8	66.6	-0.2	-0.3%	
14.8%	66.7	66.1	-0.6	-0.9%	
16.0%	66.0	66.0	0.0	0.0%	
17.3%	65.9	66.0	0.1	0.2%	
18.5%	65.8	65.9	0.1	0.2%	
19.8%	65.8	65.7	-0.1	-0.2%	
21.0%	65.7	65.7	0.0	0.0%	
22.2%	65.6	65.6	0.0	0.0%	
23.5%	65.6	65.5	-0.1	-0.2%	
24.7%	65.6	65.5	-0.1	-0.2%	
25.9%	65.5	65.5	0.0	0.0%	
27.2%	65.4	65.4	0.0	0.0%	
28.4%	65.3	65.3	0.0	0.0%	
29.6%	65.3	65.3	0.0	0.0%	
30.9%	65.3	65.3	0.0	0.0%	
32.1%	65.2	65.3	0.1	0.2%	
33.3%	65.1	65.2	0.1	0.2%	
34.5%	65.1	65.2	0.1	0.2%	
35.8%	65.1	65.1	0.0	0.0%	
37.0%	65.0	65.0	0.0	0.0%	
38.3%	64.9	65.0	0.1	0.2%	
39.5%	64.9	64.9	0.0	0.0%	
40.7%	64.8	64.6	-0.3	-0.5%	
42.0%	64.8	64.4	-0.4	-0.6%	
43.2%	64.8	64.4	-0.4	-0.6%	
44.4%	64.7	64.4	-0.3	-0.5%	
45.7%	64.6	64.4	-0.2	-0.3%	
46.9%	64.6	64.3	-0.3	-0.5%	
48.1%	64.5	64.3	-0.2	-0.3%	
49.4%	64.4	64.3	-0.1	-0.2%	
50.6%	64.4	64.3	-0.1	-0.2%	
51.9%	64.3	64.1	-0.2	-0.3%	
53.1%	64.3	64.1	-0.2	-0.3%	
54.3%	64.1	64.1	0.0	0.0%	
55.6%	64.2	64.1	-0.1	-0.2%	
56.8%	64.1	64.1	0.0	0.0%	
58.0%	64.1	64.0	-0.1	-0.2%	
59.3%	64.1	64.0	-0.1	-0.2%	
60.5%	64.1	63.9	-0.2	-0.3%	
61.7%	63.9	63.9	0.0	0.0%	
63.0%	63.9	63.9	0.0	0.0%	
64.2%	63.8	63.9	0.1	0.2%	
65.4%	63.8	63.8	0.0	0.0%	
66.7%	63.8	63.8	0.0	0.0%	
67.9%	63.7	63.7	0.0	0.0%	
69.1%	63.7	63.6	-0.1	-0.2%	
70.4%	63.6	63.6	0.0	0.0%	
71.6%	63.5	63.5	0.0	0.0%	
72.8%	63.5	63.5	0.0	0.0%	
74.1%	63.5	63.4	-0.1	-0.2%	
75.3%	63.4	63.4	0.0	0.0%	
76.5%	63.4	63.4	0.0	0.0%	
77.8%	63.4	63.3	-0.1	-0.2%	
79.0%	63.4	63.3	-0.1	-0.2%	
80.2%	63.3	63.1	-0.2	-0.3%	
81.5%	63.3	63.0	-0.3	-0.5%	
82.7%	63.3	62.8	-0.5	-0.8%	
84.0%	63.1	62.8	-0.3	-0.5%	
85.2%	63.1	62.7	-0.4	-0.6%	
86.4%	62.8	62.7	-0.1	-0.2%	
87.7%					

Table SQ-36-9a
Clear Creek below Whiskeytown, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	51.2	48.0	43.2	41.8	43.2	45.9	48.7	51.7	52.8	52.3	52.3	52.1
Alternative D	51.2	48.0	43.2	41.8	43.2	45.8	48.7	51.7	52.8	52.2	52.1	51.9
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.2
Percent Difference ³	0.0%	0.0%	-0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.3%	-0.4%	-0.3%
Water Year Types²												
Wet (32%)												
No Action Alternative	49.2	46.9	42.7	41.6	43.3	45.5	47.8	51.1	52.4	52.1	52.1	50.7
Alternative D	49.2	47.0	42.6	41.5	43.3	45.5	47.7	51.1	52.4	51.9	51.8	50.5
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.3	-0.1
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.4%	-0.5%	-0.2%
Above Normal (15%)												
No Action Alternative	50.8	47.7	43.3	42.0	43.3	45.9	48.2	52.3	53.8	52.6	52.4	51.4
Alternative D	50.5	47.6	43.3	41.9	43.3	45.8	48.4	52.4	53.8	52.4	51.6	51.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.2	-0.8	-0.5
Percent Difference	-0.6%	-0.2%	-0.1%	-0.1%	0.0%	0.0%	0.4%	0.1%	0.0%	-0.4%	-1.4%	-0.9%
Below Normal (17%)												
No Action Alternative	51.7	48.1	43.3	41.6	42.6	45.6	48.8	52.3	52.7	52.5	52.5	52.4
Alternative D	51.7	48.2	43.3	41.6	42.6	45.5	48.9	52.3	52.7	52.3	52.4	52.4
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.2	0.0	0.0
Percent Difference	0.1%	0.3%	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.3%	-0.1%	0.0%
Dry (22%)												
No Action Alternative	51.3	48.7	43.6	41.9	43.1	46.0	49.9	51.8	52.8	52.0	51.7	52.0
Alternative D	51.5	48.8	43.6	41.9	43.2	45.9	49.7	51.9	52.6	51.9	51.8	52.1
Difference	0.1	0.1	-0.1	0.1	0.1	0.0	-0.2	0.1	-0.2	-0.2	0.1	0.1
Percent Difference	0.2%	0.2%	-0.1%	0.2%	0.2%	-0.1%	-0.4%	0.1%	-0.4%	-0.3%	0.2%	0.2%
Critical (15%)												
No Action Alternative	55.0	49.6	43.8	42.1	43.7	46.7	49.3	51.3	53.0	52.8	53.6	55.8
Alternative D	54.9	49.2	43.7	42.2	43.8	46.7	49.4	51.4	52.9	52.8	53.5	55.2
Difference	0.0	-0.4	-0.1	0.1	0.1	0.0	0.1	0.1	-0.1	0.0	-0.1	-0.7
Percent Difference	-0.1%	-0.8%	-0.2%	0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%	-0.2%	-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

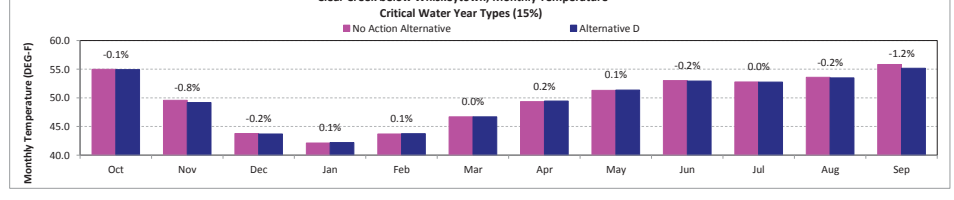
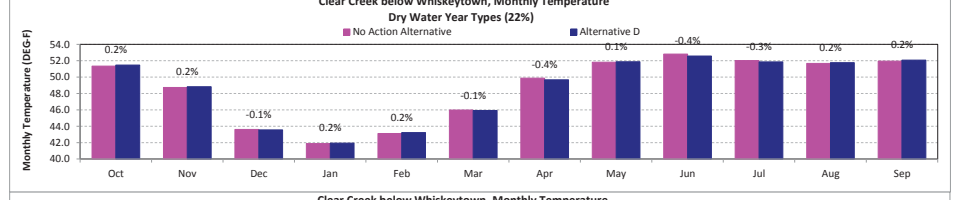
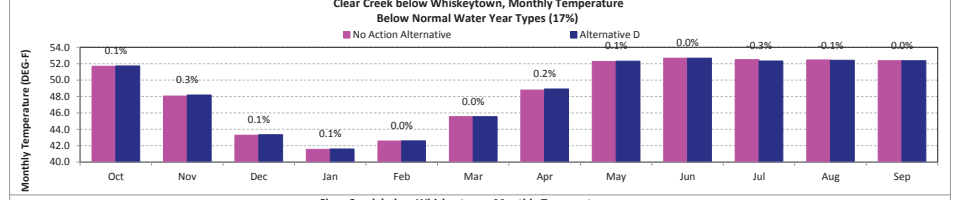
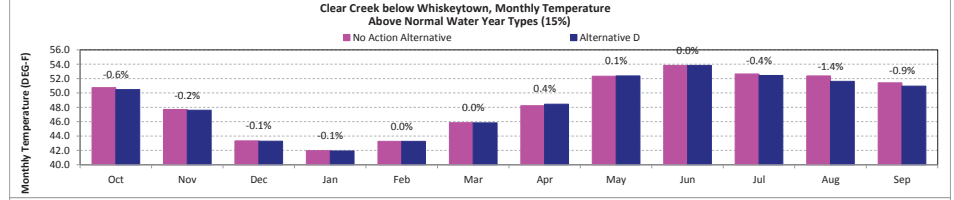
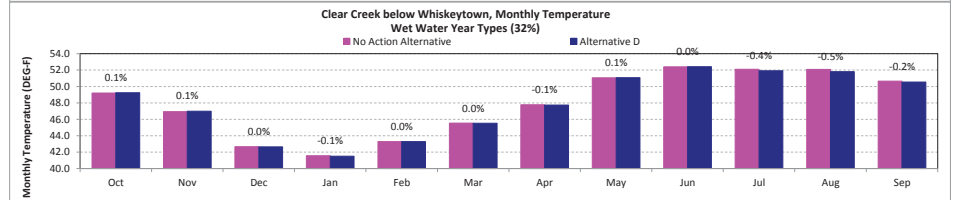
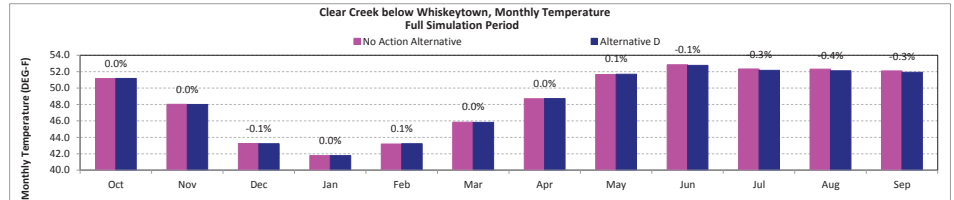


Figure SQ-36-9b
 Clear Creek below Whiskeytown, Monthly Temperature
 Probability of Exceedance

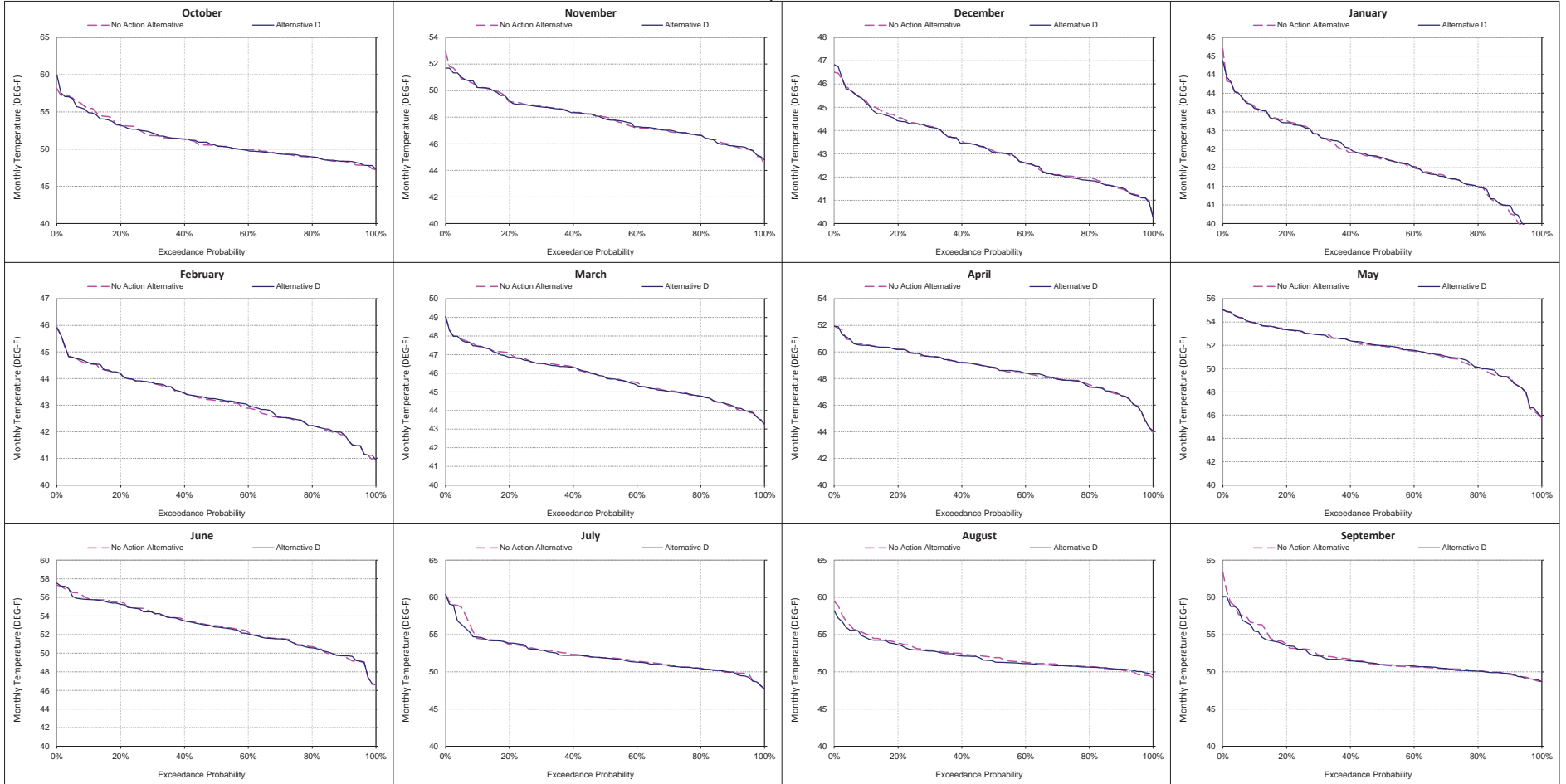


Table SQ-36-9b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	58.1	60.0	1.9	3.2%	
1.2%	57.2	57.6	0.3	0.6%	
2.5%	57.1	57.1	-0.1	-0.2%	
3.7%	57.0	57.0	-0.1	-0.2%	
4.9%	56.9	56.8	-0.1	-0.2%	
6.2%	56.4	55.7	-0.7	-1.2%	
7.4%	56.2	55.6	-0.7	-1.2%	
8.6%	55.8	55.4	-0.4	-0.6%	
9.9%	55.5	54.9	-0.6	-1.1%	
11.1%	55.5	54.8	-0.6	-1.1%	
12.3%	54.9	54.6	-0.3	-0.5%	
13.6%	54.5	54.1	-0.4	-0.8%	
14.8%	54.4	54.1	-0.4	-0.6%	
16.0%	54.4	53.9	-0.4	-0.8%	
17.3%	54.2	53.7	-0.5	-0.9%	
18.5%	53.3	53.4	0.1	0.2%	
19.8%	53.2	53.2	0.0	0.0%	
21.0%	53.2	53.1	-0.1	-0.2%	
22.2%	53.1	52.8	-0.3	-0.6%	
23.5%	53.1	52.7	-0.4	-0.7%	
24.7%	53.0	52.7	-0.3	-0.6%	
25.9%	52.5	52.5	0.0	0.0%	
27.2%	52.2	52.5	0.3	0.5%	
28.4%	51.8	52.4	0.6	1.1%	
29.6%	51.8	52.2	0.4	0.8%	
30.9%	51.8	52.1	0.3	0.5%	
32.1%	51.8	51.8	0.0	0.0%	
33.3%	51.5	51.7	0.2	0.4%	
34.5%	51.5	51.6	0.1	0.2%	
35.8%	51.5	51.5	0.0	0.0%	
37.0%	51.5	51.5	0.0	0.0%	
38.3%	51.4	51.4	0.0	0.0%	
39.5%	51.4	51.4	0.0	0.0%	
40.7%	51.3	51.4	0.1	0.2%	
42.0%	51.2	51.2	0.0	0.0%	
43.2%	51.0	51.2	0.1	0.3%	
44.4%	50.6	50.9	0.3	0.6%	
45.7%	50.6	50.9	0.4	0.7%	
46.9%	50.6	50.9	0.4	0.7%	
48.1%	50.5	50.7	0.1	0.3%	
49.4%	50.5	50.6	0.1	0.2%	
50.6%	50.4	50.4	0.0	-0.1%	
51.9%	50.4	50.4	0.0	0.0%	
53.1%	50.4	50.3	-0.1	-0.1%	
54.3%	50.2	50.2	0.0	0.0%	
55.6%	50.1	50.1	0.0	0.0%	
56.8%	50.0	50.0	0.1	0.1%	
58.0%	50.0	49.9	0.0	-0.1%	
59.3%	49.9	49.9	-0.1	-0.1%	
60.5%	49.9	49.7	-0.2	-0.4%	
61.7%	49.9	49.7	-0.2	-0.4%	
63.0%	49.9	49.7	-0.2	-0.4%	
64.2%	49.7	49.6	-0.1	-0.2%	
65.4%	49.7	49.6	-0.1	-0.3%	
66.7%	49.6	49.5	-0.1	-0.1%	
67.9%	49.6	49.5	-0.1	-0.2%	
69.1%	49.4	49.4	0.0	0.0%	
70.4%	49.4	49.3	0.0	-0.1%	
71.6%	49.3	49.3	0.0	0.0%	
72.8%	49.3	49.3	0.0	0.0%	
74.1%	49.2	49.3	0.1	0.3%	
75.3%	49.0	49.2	0.2	0.4%	
76.5%	49.0	49.1	0.1	0.2%	
77.8%	49.0	49.1	0.1	0.2%	
79.0%	48.9	49.0	0.1	0.2%	
80.2%	48.9	48.9	0.0	0.0%	
81.5%	48.8	48.9	0.1	0.2%	
82.7%	48.7	48.7	0.0	-0.1%	
84.0%	48.7	48.5	-0.1	-0.3%	
85.2%	48.5	48.5	0.0	0.0%	
86.4%	48.4	48.5	0.1	0.3%	
87.7%	48.4	48.5	0.1	0.2%	
88.9%	48.4	48.4	0.0	0.0%	
90.1%	48.3	48.4	0.0	0.0%	
91.4%	48.2	48.4	0.2	0.4%	
92.6%	48.1	48.3	0.3	0.5%	
93.8%	47.9	48.2	0.3	0.7%	
95.1%	47.8	48.1	0.2	0.5%	
96.3%	47.8	47.8	0.0	0.0%	
97.5%	47.8	47.8	0.0	0.0%	
98.8%	47.4	47.8	0.4	0.9%	
100.0%	47.2	47.3	0.0	0.1%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	52.9	51.7	-1.2	-2.3%	
1.2%	51.8	51.7	-0.1	-0.3%	
2.5%	51.7	51.3	-0.4	-0.7%	
3.7%	51.4	51.3	0.0	-0.1%	
4.9%	50.9	51.0	0.1	0.2%	
6.2%	50.8	50.8	0.0	0.0%	
7.4%	50.7	50.7	0.1	0.1%	
8.6%	50.5	50.7	0.2	0.4%	
9.9%	50.3	50.2	-0.1	-0.1%	
11.1%	50.3	50.2	0.0	-0.1%	
12.3%	50.2	50.2	0.0	0.0%	
13.6%	50.1	50.2	0.1	0.1%	
14.8%	50.0	50.0	0.0	0.0%	
16.0%	50.0	49.9	-0.1	-0.2%	
17.3%	49.8	49.6	-0.2	-0.4%	
18.5%	49.7	49.6	0.0	-0.1%	
19.8%	49.2	49.3	0.1	0.2%	
21.0%	49.1	49.0	-0.1	-0.2%	
22.2%	49.1	49.0	-0.1	-0.3%	
23.5%	49.1	49.0	-0.1	-0.2%	
24.7%	49.0	48.9	0.0	-0.1%	
25.9%	48.9	48.9	0.0	0.0%	
27.2%	48.9	48.9	-0.1	-0.1%	
28.4%	48.9	48.8	-0.1	-0.2%	
29.6%	48.8	48.8	-0.1	-0.1%	
30.9%	48.8	48.8	-0.1	-0.1%	
32.1%	48.7	48.7	0.0	0.0%	
33.3%	48.7	48.7	0.0	-0.1%	
34.5%	48.7	48.6	-0.1	-0.2%	
35.8%	48.6	48.6	0.0	0.0%	
37.0%	48.6	48.6	0.0	0.0%	
38.3%	48.5	48.5	-0.1	-0.1%	
39.5%	48.4	48.3	-0.1	-0.1%	
40.7%	48.4	48.3	0.0	-0.1%	
42.0%	48.4	48.3	-0.1	-0.1%	
43.2%	48.3	48.3	0.0	0.0%	
44.4%	48.2	48.2	0.0	0.0%	
45.7%	48.2	48.2	0.0	0.0%	
46.9%	48.2	48.1	-0.1	-0.1%	
48.1%	48.1	48.1	-0.1	-0.1%	
49.4%	48.0	47.9	-0.1	-0.3%	
50.6%	48.0	47.8	-0.2	-0.3%	
51.9%	47.9	47.8	-0.1	-0.2%	
53.1%	47.8	47.8	0.0	0.0%	
54.3%	47.6	47.7	0.1	0.2%	
55.6%	47.6	47.7	0.1	0.3%	
56.8%	47.4	47.6	0.2	0.4%	
58.0%	47.3	47.6	0.2	0.5%	
59.3%	47.2	47.3	0.1	0.1%	
60.5%	47.2	47.3	0.1	0.1%	
61.7%	47.2	47.2	0.1	0.1%	
63.0%	47.2	47.2	0.0	0.1%	
64.2%	47.1	47.2	0.1	0.2%	
65.4%	47.1	47.2	0.1	0.2%	
66.7%	47.1	47.1	0.0	0.1%	
67.9%	47.1	47.0	0.0	0.0%	
69.1%	47.0	47.0	0.0	0.0%	
70.4%	46.9	47.0	0.1	0.2%	
71.6%	46.9	47.0	0.1	0.2%	
72.8%	46.9	46.9	0.0	0.0%	
74.1%	46.8	46.8	0.0	0.0%	
75.3%	46.8	46.8	0.0	0.1%	
76.5%	46.8	46.7	-0.1	-0.1%	
77.8%	46.7	46.7	0.0	0.0%	
79.0%	46.7	46.6	-0.1	-0.1%	
80.2%	46.6	46.6	0.0	0.0%	
81.5%	46.4	46.4	0.0	0.0%	
82.7%	46.3	46.4	0.0	0.0%	
84.0%	46.3	46.3	0.0	0.0%	
85.2%	46.3	46.1	-0.3	-0.5%	
86.4%	46.1	46.0	-0.1	-0.3%	
87.7%	46.1	46.0	-0.1	-0.2%	
88.9%	46.0	45.9	-0.1	-0.2%	
90.1%	45.8	45.9	0.0	0.1%	
91.4%	45.8	45.8	0.0	0.1%	
92.6%	45.6	45.8	0.2	0.3%	
93.8%	45.6	45.8	0.2	0.4%	
95.1%	45.6	45.6	0.0	0.0%	
96.3%	45.5	45.5	0.0	0.0%	
97.5%	45.1	45.2	0.1	0.2%	
98.8%	45.0	45.0	0.0	0.0%	
100.0%	44.4	44.8	0.4	0.1%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.5	46.8	0.3	0.7%	
1.2%	46.5	46.7	0.3	0.6%	
2.5%	46.2	46.2	0.1	0.1%	
3.7%	46.0	46.2	-0.1	-0.2%	
4.9%	45.8	45.7	-0.1	-0.1%	
6.2%	45.6	45.6	0.0	0.0%	
7.4%	45.5	45.5	0.0	0.0%	
8.6%	45.4	45.4	0.0	0.1%	
9.9%	45.3	45.2	-0.1	-0.2%	
11.1%	45.1	45.0	-0.1	-0.1%	
12.3%	45.0	44.8	-0.2	-0.4%	
13.6%	45.0	44.7	-0.2	-0.5%	
14.8%	44.8	44.7	-0.1	-0.3%	
16.0%	44.8	44.7	-0.1	-0.3%	
17.3%	44.7	44.6	-0.1	-0.2%	
18.5%	44.7	44.5	-0.1	-0.3%	
19.8%	44.5	44.4	-0.1	-0.3%	
21.0%	44.5	44.4	-0.2	-0.4%	
22.2%	44.5	44.4	-0.1	-0.2%	
23.5%	44.4	44.3	0.0	-0.1%	
24.7%	44.3	44.3	0.0	-0.1%	
25.9%	44.3	44.3	0.0	0.0%	
27.2%	44.2	44.3	0.1	0.1%	
28.4%	44.2	44.2	0.0	0.1%	
29.6%	44.2	44.2	0.0	-0.1%	
30.9%	44.2	44.1	0.0	-0.1%	
32.1%	44.1	44.1	0.0	0.0%	
33.3%	44.0	44.0	0.0	0.0%	
34.5%	43.8	43.8	0.0	0.0%	
35.8%	43.8	43.7	-0.1	-0.1%	
37.0%	43.7	43.7	0.0	0.0%	
38.3%	43.6	43.7	0.1	0.1%	
39.5%	43.6	43.5	-0.1	-0.3%	
40.7%	43.5	43.4	-0.1	-0.1%	
42.0%	43.4	43.4	0.0	0.0%	
43.2%	43.4	43.4	0.0	0.0%	
44.4%	43.4	43.4	0.0	0.0%	
45.7%	43.3	43.3	0.0	0.0%	
46.9%	43.3	43.3	0.0	0.1%	
48.1%	43.3	43.2	-0.1	-0.1%	
49.4%	43.2	43.1	-0.1	-0.2%	
50.6%	43.1	43.0	-0.1	-0.1%	
51.9%	43.1	43.0	0.0	0.0%	
53.1%	43.0	43.0	0.0	0.0%	
54.3%	43.0	43.0	0.0	0.0%	
55.6%	42.9	43.0	0.1	0.3%	
56.8%	42.9	42.9	0.0	0.0%	
58.0%	42.7	42.7	0.0	0.0%	
59.3%	42.6	42.6	0.0	0.1%	
60.5%	42.6	42.6	0.0	0.0%	
61.7%	42.5	42.6	0.0	0.1%	
63.0%	42.5	42.5	0.0	0.0%	
64.2%	42.3	42.5	0.1	0.3%	
65.4%	42.2	42.2	0.0	0.0%	
66.7%	42.2	42.1	-0.1	-0.1%	
67.9%	42.1	42.1	0.0	0.0%	
69.1%	42.1	42.1	0.0	0.0%	
70.4%	42.1	42.1	0.0	-0.1%	
71.6%	42.1	42.0	-0.1	-0.1%	
72.8%	42.0	42.0	-0.1	-0.2%	
74.1%	42.0	42.0	-0.1	-0.1%	
75.3%	42.0	41.9	-0.1	-0.2%	
76.5%	42.0	41.9	-0.1	-0.2%	
77.8%	42.0	41.9	-0.1	-0.2%	
79.0%	42.0	41.9	-0.1	-0.2%	
80.2%	42.0				

Table SQ-36-9b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

Percent Exceedance Probability (%)	February				
	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)	Probability of Exceedance (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	
0.0%	45.9	45.9	0.0	-0.1%	0.0%
1.2%	45.6	45.6	0.0	0.0%	1.2%
2.5%	45.2	45.2	0.0	0.1%	2.5%
3.7%	44.8	44.8	0.0	0.0%	3.7%
4.9%	44.8	44.8	0.0	0.0%	4.9%
6.2%	44.7	44.7	0.0	0.0%	6.2%
7.4%	44.7	44.7	0.1	0.1%	7.4%
8.6%	44.6	44.7	0.1	0.2%	8.6%
9.9%	44.6	44.6	0.0	0.1%	9.9%
11.1%	44.5	44.6	0.0	0.0%	11.1%
12.3%	44.5	44.5	0.0	0.0%	12.3%
13.6%	44.4	44.5	0.2	0.4%	13.6%
14.8%	44.3	44.3	0.0	0.0%	14.8%
16.0%	44.3	44.3	0.0	0.1%	16.0%
17.3%	44.3	44.3	0.0	0.0%	17.3%
18.5%	44.2	44.2	0.0	0.1%	18.5%
19.8%	44.2	44.2	0.0	0.0%	19.8%
21.0%	44.0	44.0	0.0	0.0%	21.0%
22.2%	44.0	44.0	0.0	0.0%	22.2%
23.5%	44.0	44.0	0.0	0.0%	23.5%
24.7%	43.9	43.9	0.0	0.0%	24.7%
25.9%	43.9	43.9	0.0	0.0%	25.9%
27.2%	43.9	43.9	0.0	0.0%	27.2%
28.4%	43.9	43.9	0.0	0.0%	28.4%
29.6%	43.8	43.9	0.0	0.1%	29.6%
30.9%	43.8	43.8	0.0	0.0%	30.9%
32.1%	43.8	43.8	0.0	0.1%	32.1%
33.3%	43.7	43.8	0.1	0.1%	33.3%
34.5%	43.7	43.7	0.0	0.0%	34.5%
35.8%	43.7	43.7	0.0	0.0%	35.8%
37.0%	43.5	43.6	0.0	0.1%	37.0%
38.3%	43.5	43.5	0.0	0.0%	38.3%
39.5%	43.5	43.5	0.0	0.0%	39.5%
40.7%	43.4	43.4	0.0	0.0%	40.7%
42.0%	43.4	43.4	0.0	0.1%	42.0%
43.2%	43.3	43.4	0.0	0.0%	43.2%
44.4%	43.3	43.3	0.0	0.1%	44.4%
45.7%	43.3	43.3	0.0	0.1%	45.7%
46.9%	43.2	43.3	0.1	0.1%	46.9%
48.1%	43.2	43.2	0.0	0.1%	48.1%
49.4%	43.2	43.2	0.1	0.2%	49.4%
50.6%	43.2	43.2	0.1	0.1%	50.6%
51.9%	43.2	43.2	0.0	0.1%	51.9%
53.1%	43.1	43.2	0.0	0.1%	53.1%
54.3%	43.1	43.2	0.1	0.1%	54.3%
55.6%	43.1	43.1	0.1	0.1%	55.6%
56.8%	43.1	43.1	0.0	0.1%	56.8%
58.0%	42.9	43.1	0.1	0.3%	58.0%
59.3%	42.9	43.0	0.2	0.4%	59.3%
60.5%	42.9	43.0	0.1	0.2%	60.5%
61.7%	42.8	42.9	0.1	0.2%	61.7%
63.0%	42.8	42.9	0.1	0.1%	63.0%
64.2%	42.7	42.8	0.1	0.3%	64.2%
65.4%	42.7	42.8	0.2	0.4%	65.4%
66.7%	42.6	42.8	0.2	0.4%	66.7%
67.9%	42.6	42.7	0.1	0.3%	67.9%
69.1%	42.6	42.5	0.0	0.0%	69.1%
70.4%	42.5	42.5	0.0	0.0%	70.4%
71.6%	42.5	42.5	0.0	0.0%	71.6%
72.8%	42.5	42.5	0.0	0.0%	72.8%
74.1%	42.5	42.5	0.0	0.1%	74.1%
75.3%	42.4	42.5	0.0	0.0%	75.3%
76.5%	42.4	42.4	0.0	0.0%	76.5%
77.8%	42.3	42.3	0.0	0.0%	77.8%
79.0%	42.2	42.2	0.0	0.0%	79.0%
80.2%	42.2	42.2	0.0	0.0%	80.2%
81.5%	42.2	42.2	0.0	0.0%	81.5%
82.7%	42.1	42.1	0.0	0.0%	82.7%
84.0%	42.1	42.1	0.0	0.1%	84.0%
85.2%	42.0	42.1	0.1	0.2%	85.2%
86.4%	42.0	42.0	0.0	0.1%	86.4%
87.7%	42.0	42.0	0.0	0.0%	87.7%
88.9%	41.9	42.0	0.1	0.2%	88.9%
90.1%	41.9	41.9	0.0	0.0%	90.1%
91.4%	41.7	41.7	0.0	0.0%	91.4%
92.6%	41.5	41.5	0.0	0.0%	92.6%
93.8%	41.5	41.5	0.0	0.0%	93.8%
95.1%	41.5	41.5	0.0	0.0%	95.1%
96.3%	41.2	41.2	0.0	0.0%	96.3%
97.5%	41.1	41.1	0.0	0.0%	97.5%
98.8%	40.9	41.1	0.2	0.4%	98.8%
100.0%	40.9	40.9	0.0	0.0%	100.0%

Percent Exceedance Probability (%)	March				
	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)	Probability of Exceedance (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	
0.0%	49.0	49.0	0.0	0.0%	0.0%
1.2%	48.3	48.3	0.0	0.0%	1.2%
2.5%	48.0	48.0	0.0	0.0%	2.5%
3.7%	48.0	48.0	0.0	0.1%	3.7%
4.9%	47.8	47.8	-0.1	-0.1%	4.9%
6.2%	47.8	47.7	-0.1	-0.2%	6.2%
7.4%	47.7	47.7	0.0	0.0%	7.4%
8.6%	47.6	47.5	-0.1	-0.3%	8.6%
9.9%	47.5	47.5	0.0	0.0%	9.9%
11.1%	47.5	47.4	-0.1	-0.1%	11.1%
12.3%	47.4	47.4	0.0	0.0%	12.3%
13.6%	47.3	47.3	0.0	0.0%	13.6%
14.8%	47.2	47.2	0.0	-0.1%	14.8%
16.0%	47.2	47.1	-0.1	-0.1%	16.0%
17.3%	47.2	47.0	-0.2	-0.3%	17.3%
18.5%	47.1	46.9	-0.2	-0.4%	18.5%
19.8%	47.1	46.9	-0.3	-0.5%	19.8%
21.0%	46.9	46.8	-0.1	-0.2%	21.0%
22.2%	46.8	46.8	0.0	0.0%	22.2%
23.5%	46.8	46.8	0.0	0.0%	23.5%
24.7%	46.8	46.7	-0.1	-0.2%	24.7%
25.9%	46.7	46.7	0.0	0.0%	25.9%
27.2%	46.5	46.6	0.1	0.1%	27.2%
28.4%	46.5	46.5	0.0	0.0%	28.4%
29.6%	46.5	46.5	0.0	0.1%	29.6%
30.9%	46.5	46.5	0.0	0.0%	30.9%
32.1%	46.5	46.5	0.0	-0.1%	32.1%
33.3%	46.5	46.4	-0.1	-0.2%	33.3%
34.5%	46.5	46.4	-0.1	-0.1%	34.5%
35.8%	46.4	46.4	-0.1	-0.2%	35.8%
37.0%	46.4	46.4	-0.1	-0.1%	37.0%
38.3%	46.4	46.4	0.0	-0.1%	38.3%
39.5%	46.4	46.3	0.0	-0.1%	39.5%
40.7%	46.3	46.3	0.0	0.0%	40.7%
42.0%	46.1	46.2	0.1	0.1%	42.0%
43.2%	46.1	46.1	0.0	0.1%	43.2%
44.4%	46.0	46.1	0.1	0.2%	44.4%
45.7%	46.0	46.0	0.0	0.1%	45.7%
46.9%	46.0	46.0	0.0	0.0%	46.9%
48.1%	45.9	45.9	0.0	0.0%	48.1%
49.4%	45.9	45.9	0.0	0.0%	49.4%
50.6%	45.7	45.7	0.0	-0.1%	50.6%
51.9%	45.7	45.7	0.0	0.0%	51.9%
53.1%	45.7	45.7	0.0	0.0%	53.1%
54.3%	45.7	45.6	-0.1	-0.1%	54.3%
55.6%	45.6	45.6	0.0	0.0%	55.6%
56.8%	45.6	45.6	0.0	0.0%	56.8%
58.0%	45.5	45.5	-0.1	-0.2%	58.0%
59.3%	45.5	45.4	-0.1	-0.2%	59.3%
60.5%	45.5	45.3	-0.2	-0.3%	60.5%
61.7%	45.3	45.3	0.0	0.0%	61.7%
63.0%	45.2	45.3	0.0	0.0%	63.0%
64.2%	45.2	45.2	0.0	0.0%	64.2%
65.4%	45.2	45.2	0.0	0.0%	65.4%
66.7%	45.2	45.1	-0.1	-0.2%	66.7%
67.9%	45.1	45.1	0.0	-0.1%	67.9%
69.1%	45.1	45.0	0.0	0.0%	69.1%
70.4%	45.1	45.0	0.0	-0.1%	70.4%
71.6%	45.0	45.0	-0.1	-0.1%	71.6%
72.8%	45.0	45.0	0.0	0.0%	72.8%
74.1%	45.0	44.9	-0.1	-0.1%	74.1%
75.3%	45.0	44.9	-0.1	-0.1%	75.3%
76.5%	44.8	44.9	0.1	0.1%	76.5%
77.8%	44.8	44.8	0.0	0.0%	77.8%
79.0%	44.8	44.8	0.0	0.0%	79.0%
80.2%	44.8	44.8	0.0	0.0%	80.2%
81.5%	44.7	44.7	0.0	0.0%	81.5%
82.7%	44.7	44.7	0.0	0.0%	82.7%
84.0%	44.5	44.5	0.0	0.0%	84.0%
85.2%	44.5	44.5	0.0	0.0%	85.2%
86.4%	44.4	44.4	0.0	0.0%	86.4%
87.7%	44.4	44.4	0.0	0.0%	87.7%
88.9%	44.2	44.3	0.1	0.2%	88.9%
90.1%	44.2	44.2	0.0	0.1%	90.1%
91.4%	44.1	44.1	0.1	0.1%	91.4%
92.6%	44.0	44.1	0.1	0.3%	92.6%
93.8%	44.0	44.0	0.0	0.0%	93.8%
95.1%	43.9	43.9	0.0	0.0%	95.1%
96.3%	43.5	43.5	0.0	0.1%	96.3%
97.5%	43.7	43.7	0.0	0.0%	97.5%
98.8%	43.5	43.5	0.0	-0.1%	98.8%
100.0%	43.2	43.3	0.0	0.0%	100.0%

Percent Exceedance Probability (%)	April				
	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)	Probability of Exceedance (%)
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)	
0.0%	51.9	51.9	0.0	0.0%	0.0%
1.2%	51.8	51.9	0.1	0.2%	1.2%
2.5%	51.7	51.9	0.2	-0.7%	2.5%
3.7%	51.0	51.2	0.2	0.0%	3.7%
4.9%	50.9	51.0	0.0	0.1%	4.9%
6.2%	50.6	50.6	0.0	0.0%	6.2%
7.4%	50.6	50.5	-0.1	-0.2%	7.4%
8.6%	50.6	50.5	-0.1	-0.2%	8.6%
9.9%	50.5	50.5	0.0	-0.1%	9.9%
11.1%	50.5	50.5	0.0	0.0%	11.1%
12.3%	50.4	50.4	0.0	0.0%	12.3%
13.6%	50.4	50.4	0.0	-0.1%	13.6%
14.8%	50.4	50.4	0.0	0.0%	14.8%
16.0%	50.4	50.3	0.0	0.0%	16.0%
17.3%	50.3	50.3	0.0	0.0%	17.3%
18.5%	50.2	50.2	0.0	0.0%	18.5%
19.8%	50.2	50.2	0.0	0.0%	19.8%
21.0%	50.2	50.2	0.0	0.0%	21.0%
22.2%	50.2	50.2	0.0	0.0%	22.2%
23.5%	49.9	50.0	0.1	0.1%	23.5%
24.7%	49.9	49.9	0.0	0.1%	24.7%
25.9%	49.9	49.9	0.0	0.0%	25.9%
27.2%	49.8	49.8	0.0	0.0%	27.2%
28.4%	49.7	49.7	0.0	0.0%	28.4%
29.6%	49.7	49.7	0.0	0.1%	29.6%
30.9%	49.7	49.7	0.0	0.0%	30.9%
32.1%	49.7	49.6	0.0	0.0%	32.1%
33.3%	49.6	49.6	0.0	-0.1%	33.3%
34.5%	49.4	49.4	0.0	0.0%	34.5%
35.8%	49.4	49.4	0.1	0.1%	35.8%
37.0%	49.3	49.4	0.0	0.0%	37.0%
38.3%	49.3	49.3	0.0	-0.1%	38.3%
39.5%	49.2	49.2	0.0	0.0%	39.5%
40.7%	49.2	49.2	0.0	0.1%	40.7%
42.0%	49.2	49.2	0.0	0.0%	42.0%
43.2%	49.2	49.1	0.0	-0.1%	43.2%
44.4%	49.1	49.1	0.0	-0.1%	44.4%
45.7%	49.0	49.0	0.0	-0.1%	45.7%
46.9%	48.9	49.0	0.1	0.1%	46.9%
48.1%	48.9	48.9	0.0	0.1%	48.1%
49.4%	48.9	48.9	0.0	0.1%	49.4%
50.6%	48.8	48.8	0.1	0.2%	50.6%
51.9%	48.6	48.6	0.0	0	

Table SQ-36-9b
Clear Creek below Whiskeytown, Monthly Temperature
Probability of Exceedance

June				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	57.3	57.5	0.2	0.4%
1.2%	57.2	57.2	0.0	0.0%
2.5%	56.9	57.2	0.3	0.4%
3.7%	56.8	57.0	0.1	0.2%
4.9%	56.5	56.1	-0.4	-0.8%
6.2%	56.5	55.9	-0.6	-1.0%
7.4%	56.4	55.9	-0.5	-1.0%
8.6%	56.1	55.8	-0.2	-0.4%
9.9%	55.9	55.8	-0.1	-0.2%
11.1%	55.8	55.8	0.0	0.0%
12.3%	55.8	55.7	0.0	-0.1%
13.6%	55.7	55.7	-0.1	-0.1%
14.8%	55.7	55.6	-0.1	-0.2%
16.0%	55.7	55.5	-0.2	-0.4%
17.3%	55.5	55.4	-0.1	-0.2%
18.5%	55.5	55.4	-0.1	-0.2%
19.8%	55.4	55.3	-0.1	-0.3%
21.0%	55.4	55.2	-0.2	-0.4%
22.2%	55.0	54.9	0.0	0.0%
23.5%	55.0	54.9	-0.1	-0.2%
24.7%	54.8	54.8	0.0	0.0%
25.9%	54.8	54.8	-0.1	-0.2%
27.2%	54.8	54.5	-0.4	-0.6%
28.4%	54.6	54.5	-0.2	-0.3%
29.6%	54.5	54.4	0.0	0.0%
30.9%	54.2	54.3	0.0	0.1%
32.1%	54.1	54.3	0.2	0.3%
33.3%	54.1	54.1	0.0	0.0%
34.5%	53.9	53.9	0.0	0.0%
35.8%	53.8	53.8	0.0	0.1%
37.0%	53.8	53.8	0.0	0.0%
38.3%	53.8	53.6	-0.2	-0.3%
39.5%	53.7	53.5	-0.2	-0.3%
40.7%	53.4	53.4	0.0	0.0%
42.0%	53.4	53.4	0.0	0.0%
43.2%	53.3	53.2	-0.1	-0.2%
44.4%	53.2	53.2	-0.1	-0.1%
45.7%	53.2	53.1	-0.1	-0.1%
46.9%	53.1	53.0	-0.1	-0.1%
48.1%	53.0	53.0	0.0	-0.1%
49.4%	53.0	52.8	-0.1	-0.3%
50.6%	52.9	52.8	-0.1	-0.3%
51.9%	52.8	52.7	-0.1	-0.1%
53.1%	52.8	52.7	-0.1	-0.1%
54.3%	52.7	52.6	-0.1	-0.2%
55.6%	52.6	52.5	-0.1	-0.2%
56.8%	52.5	52.4	-0.1	-0.2%
58.0%	52.5	52.2	-0.4	-0.7%
59.3%	52.4	52.1	-0.3	-0.5%
60.5%	52.1	52.0	-0.1	-0.2%
61.7%	51.9	51.9	0.0	0.0%
63.0%	51.9	51.9	0.0	-0.1%
64.2%	51.7	51.7	0.0	0.0%
65.4%	51.7	51.6	-0.1	-0.2%
66.7%	51.6	51.6	-0.1	-0.1%
67.9%	51.6	51.6	0.0	-0.1%
69.1%	51.6	51.5	0.0	-0.1%
70.4%	51.6	51.5	0.0	0.0%
71.6%	51.5	51.5	-0.1	-0.1%
72.8%	51.5	51.3	-0.2	-0.3%
74.1%	51.2	51.1	-0.1	-0.2%
75.3%	50.9	50.9	-0.1	-0.2%
76.5%	50.9	50.8	-0.1	-0.1%
77.8%	50.8	50.7	-0.1	-0.2%
79.0%	50.7	50.6	-0.1	-0.2%
80.2%	50.7	50.6	-0.1	-0.3%
81.5%	50.6	50.5	-0.1	-0.2%
82.7%	50.5	50.4	-0.1	-0.2%
84.0%	50.1	50.2	0.1	0.2%
85.2%	49.9	50.1	0.2	0.3%
86.4%	49.9	49.9	0.0	0.1%
87.7%	49.8	49.8	0.0	0.0%
88.9%	49.7	49.8	0.0	0.1%
90.1%	49.6	49.7	0.1	0.2%
91.4%	49.4	49.7	0.3	0.6%
92.6%	49.2	49.7	0.5	1.0%
93.8%	49.1	49.2	0.1	0.1%
95.1%	49.1	49.1	0.0	0.0%
96.3%	48.9	48.9	0.1	0.2%
97.5%	47.4	47.4	0.0	0.0%
98.8%	46.7	46.7	0.1	0.1%
100.0%	46.6	46.7	0.0	0.1%

July				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	60.4	60.4	0.0	0.0%
1.2%	59.4	59.1	-0.3	-0.4%
2.5%	59.0	58.9	-0.1	-0.1%
3.7%	58.9	58.8	-0.1	-0.3%
4.9%	58.7	56.4	-2.3	-3.9%
6.2%	57.7	55.9	-1.8	-3.1%
7.4%	56.5	55.4	-1.1	-2.0%
8.6%	55.4	54.7	-0.7	-1.2%
9.9%	54.5	54.7	0.2	0.4%
11.1%	54.4	54.6	0.2	0.3%
12.3%	54.4	54.4	0.1	0.1%
13.6%	54.3	54.2	-0.1	-0.3%
14.8%	54.3	54.2	-0.1	-0.2%
16.0%	54.3	54.2	-0.1	-0.2%
17.3%	54.3	54.2	-0.1	-0.2%
18.5%	54.0	54.0	0.1	0.1%
19.8%	53.7	53.9	0.2	0.3%
21.0%	53.7	53.9	0.2	0.3%
22.2%	53.6	53.8	0.2	0.3%
23.5%	53.5	53.7	0.2	0.3%
24.7%	53.4	53.6	0.2	0.4%
25.9%	53.2	53.2	-0.1	-0.2%
27.2%	53.2	53.0	-0.2	-0.3%
28.4%	53.1	53.0	0.0	-0.1%
29.6%	52.9	52.9	0.0	-0.1%
30.9%	52.9	52.9	0.0	-0.1%
32.1%	52.9	52.7	-0.2	-0.4%
33.3%	52.8	52.6	-0.2	-0.5%
34.5%	52.7	52.5	-0.2	-0.4%
35.8%	52.6	52.2	-0.4	-0.7%
37.0%	52.5	52.2	-0.3	-0.6%
38.3%	52.5	52.2	-0.3	-0.6%
39.5%	52.3	52.2	-0.1	-0.2%
40.7%	52.3	52.2	-0.1	-0.2%
42.0%	52.3	52.2	-0.1	-0.2%
43.2%	52.2	52.2	0.0	0.0%
44.4%	52.1	52.2	0.0	0.0%
45.7%	52.0	52.0	0.0	0.1%
46.9%	51.9	52.0	0.0	0.0%
48.1%	51.9	51.9	0.0	0.0%
49.4%	51.9	51.9	0.0	0.0%
50.6%	51.9	51.8	0.0	-0.1%
51.9%	51.9	51.8	-0.1	-0.2%
53.1%	51.8	51.7	-0.1	-0.2%
54.3%	51.8	51.7	-0.1	-0.2%
55.6%	51.7	51.6	-0.1	-0.1%
56.8%	51.6	51.5	-0.2	-0.3%
58.0%	51.6	51.4	-0.2	-0.4%
59.3%	51.6	51.3	-0.2	-0.5%
60.5%	51.4	51.3	-0.1	-0.2%
61.7%	51.4	51.3	-0.1	-0.2%
63.0%	51.3	51.2	-0.1	-0.2%
64.2%	51.2	51.0	-0.2	-0.4%
65.4%	51.2	51.0	-0.2	-0.4%
66.7%	51.1	51.0	-0.1	-0.3%
67.9%	51.1	50.9	-0.1	-0.2%
69.1%	51.0	50.9	0.0	-0.1%
70.4%	50.9	50.8	-0.2	-0.3%
71.6%	50.9	50.7	-0.1	-0.1%
72.8%	50.7	50.7	0.0	0.0%
74.1%	50.6	50.6	0.0	0.0%
75.3%	50.6	50.6	0.0	0.0%
76.5%	50.6	50.6	0.0	0.1%
77.8%	50.5	50.5	0.0	0.0%
79.0%	50.5	50.5	0.0	0.0%
80.2%	50.5	50.4	-0.1	-0.1%
81.5%	50.3	50.4	0.1	0.1%
82.7%	50.3	50.3	0.0	0.1%
84.0%	50.3	50.2	-0.1	-0.1%
85.2%	50.2	50.2	0.0	-0.1%
86.4%	50.1	50.1	0.0	0.0%
87.7%	50.1	50.1	0.1	0.2%
88.9%	49.9	50.0	0.0	0.1%
90.1%	49.9	50.0	0.1	0.1%
91.4%	49.8	49.6	-0.2	-0.5%
92.6%	49.8	49.5	-0.3	-0.7%
93.8%	49.8	49.4	-0.4	-0.7%
95.1%	49.7	49.3	-0.5	-0.9%
96.3%	49.4	49.1	-0.3	-0.6%
97.5%	48.8	48.6	-0.1	-0.2%
98.8%	48.1	48.1	0.0	0.0%
100.0%	47.6	47.7	0.1	0.2%

August				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	59.5	58.2	-1.3	-2.1%
1.2%	58.9	57.2	-1.7	-2.8%
2.5%	57.6	56.7	-0.9	-1.6%
3.7%	56.0	56.0	-0.8	-1.5%
4.9%	56.3	55.6	-0.7	-1.2%
6.2%	55.7	55.6	-0.1	-0.2%
7.4%	55.7	55.5	-0.1	-0.2%
8.6%	55.3	54.9	-0.5	-0.9%
9.9%	55.1	54.6	-0.5	-0.8%
11.1%	54.9	54.4	-0.6	-1.0%
12.3%	54.5	54.3	-0.2	-0.4%
13.6%	54.5	54.2	-0.2	-0.4%
14.8%	54.3	54.2	-0.1	-0.2%
16.0%	54.3	54.2	-0.1	-0.2%
17.3%	54.2	53.9	-0.3	-0.5%
18.5%	54.1	53.8	-0.2	-0.4%
19.8%	53.9	53.7	-0.2	-0.4%
21.0%	53.8	53.5	-0.2	-0.4%
22.2%	53.6	53.2	-0.4	-0.7%
23.5%	53.6	53.0	-0.6	-1.1%
24.7%	53.4	53.0	-0.4	-0.8%
25.9%	53.1	52.9	-0.2	-0.3%
27.2%	53.1	52.9	-0.1	-0.2%
28.4%	53.0	52.9	-0.1	-0.2%
29.6%	52.9	52.8	-0.1	-0.3%
30.9%	52.9	52.8	-0.1	-0.3%
32.1%	52.7	52.7	0.0	-0.1%
33.3%	52.7	52.6	-0.1	-0.3%
34.5%	52.6	52.5	-0.2	-0.3%
35.8%	52.6	52.4	-0.2	-0.3%
37.0%	52.5	52.4	-0.1	-0.2%
38.3%	52.5	52.2	-0.3	-0.5%
39.5%	52.5	52.2	-0.3	-0.6%
40.7%	52.4	52.1	-0.2	-0.5%
42.0%	52.3	52.1	-0.2	-0.3%
43.2%	52.2	52.1	-0.2	-0.4%
44.4%	52.2	52.1	-0.1	-0.2%
45.7%	52.2	51.9	-0.3	-0.6%
46.9%	52.1	51.6	-0.5	-1.0%
48.1%	52.0	51.5	-0.5	-1.0%
49.4%	51.9	51.5	-0.4	-0.8%
50.6%	51.9	51.3	-0.6	-1.2%
51.9%	51.9	51.3	-0.6	-1.2%
53.1%	51.7	51.3	-0.4	-0.8%
54.3%	51.8	51.2	-0.2	-0.5%
55.6%	51.4	51.2	-0.2	-0.4%
56.8%	51.4	51.2	-0.2	-0.4%
58.0%	51.4	51.2	-0.2	-0.3%
59.3%	51.4	51.1	-0.2	-0.4%
60.5%	51.2	51.1	-0.1	-0.2%
61.7%	51.2	51.1	-0.2	-0.3%
63.0%	51.1	51.0	-0.1	-0.2%
64.2%	51.1	50.9	-0.2	-0.3%
65.4%	51.1	50.9	-0.2	-0.3%
66.7%	51.1	50.9	-0.2	-0.3%
67.9%	51.1	50.9	-0.1	-0.3%
69.1%	51.1	50.8	-0.2	-0.4%
70.4%	51.0	50.8	-0.1	-0.3%
71.6%	50.9	50.8	-0.1	-0.2%
72.8%	50.9	50.8	-0.1	-0.2%
74.1%	50.8	50.8	0.0	-0.1%
75.3%	50.8	50.8	0.0	-0.1%
76.5%	50.8	50.7	-0.1	-0.1%
77.8%	50.7	50.6	-0.1	-0.2%
79.0%	50.7	50.6	-0.1	-0.2%
80.2%	50.7	50.6	-0.1	-0.2%
81.5%	50.7	50.6	0.0	-0.1%
82.7%	50.6	50.6	0.0	-0.1%
84.0%	50.5	50.5	0.1	0.2%
85.2%	50.4	50.5	0.1	0.2%
86.4%	50.4	50.4	0.0	0.0%
87.7%	50.4	50.4	0.0	0.0%
88.9%	50.3	50.4	0.0	0.0%
90.1%	50.2	50.4	0.1	0.2%
91.4%	50.1	50.3	0.2	0.4%
92.6%	50.1	50.2	0.2	0.3%
93.8%	50.0	50.2	0.2	0.4%
95.1%	49.7	50.0	0.4	0.8%
96.3%	49.5	50.0	0.5	1.0%
97.5%	49.5	49.8	0.3	0.7%
98.8%	49.5	49.8	0.3	0.6%
100.0%	49.2	49.6	0.4	0.8%

September				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference

Table SQ-37-9a
Clear Creek at Igo, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	51.9	48.3	43.3	41.9	43.5	46.3	49.5	52.6	55.2	58.3	57.0	53.9
Alternative D	51.9	48.3	43.3	42.0	43.5	46.3	49.5	52.6	55.1	58.1	56.9	53.7
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Percent Difference ³	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	-0.2%	-0.2%
Water Year Types ²												
Wet (32%)												
No Action Alternative	49.9	47.2	42.8	41.6	43.5	45.9	48.4	52.0	54.4	58.0	57.1	52.6
Alternative D	50.0	47.3	42.8	41.6	43.5	45.8	48.3	52.0	54.4	57.9	56.9	52.5
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.1
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.1%	0.0%	-0.3%	-0.4%	-0.2%
Above Normal (15%)												
No Action Alternative	51.3	47.9	43.5	42.3	43.6	46.2	49.0	53.2	56.3	60.1	57.4	53.3
Alternative D	51.1	47.8	43.4	42.2	43.6	46.2	49.2	53.3	56.2	59.9	56.8	53.0
Difference	-0.3	-0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.2	-0.6	-0.3
Percent Difference	-0.5%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	-0.4%	-1.0%	-0.6%
Below Normal (17%)												
No Action Alternative	52.4	48.4	43.4	41.8	42.9	46.0	49.6	53.2	54.8	58.3	57.1	54.0
Alternative D	52.4	48.5	43.4	41.8	42.9	46.0	49.7	53.2	54.8	58.2	57.1	54.1
Difference	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1
Percent Difference	0.0%	0.3%	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.2%	0.0%	0.1%
Dry (22%)												
No Action Alternative	52.0	49.0	43.7	42.0	43.4	46.5	50.7	52.7	55.1	57.7	56.2	53.6
Alternative D	52.1	49.1	43.7	42.1	43.5	46.5	50.5	52.7	54.9	57.5	56.3	53.8
Difference	0.1	0.1	0.0	0.1	0.1	-0.1	-0.2	0.1	-0.2	-0.2	0.1	0.1
Percent Difference	0.2%	0.2%	0.0%	0.1%	0.2%	-0.1%	-0.4%	0.1%	-0.4%	-0.3%	0.1%	0.2%
Critical (15%)												
No Action Alternative	56.2	49.7	43.9	42.3	44.2	47.3	50.4	52.5	56.2	57.8	57.6	57.2
Alternative D	56.0	49.5	43.9	42.4	44.3	47.3	50.5	52.5	56.1	57.8	57.8	56.6
Difference	-0.2	-0.3	-0.1	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.1	-0.6
Percent Difference	-0.3%	-0.6%	-0.1%	0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%	0.2%	-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



Figure SQ-37-9b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

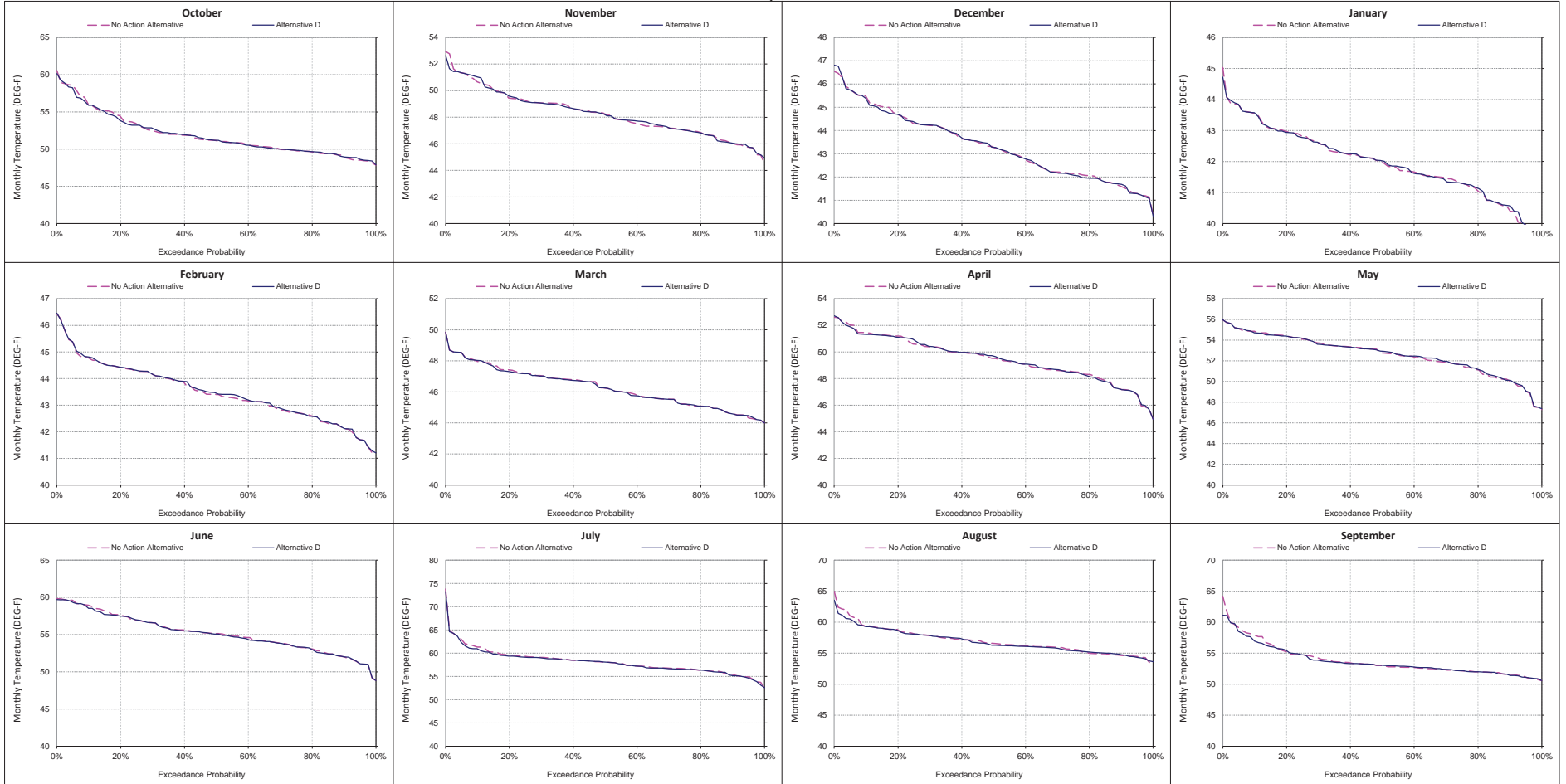


Table SQ-37-9b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	60.6	60.1	-0.4	-0.7%	
1.2%	58.9	59.2	0.3	0.5%	
2.5%	58.8	58.8	0.0	0.1%	
3.7%	58.6	58.3	-0.3	-0.5%	
4.9%	58.6	58.2	-0.4	-0.6%	
6.2%	57.9	57.0	-0.9	-1.6%	
7.4%	57.1	56.9	-0.2	-0.4%	
8.6%	57.0	56.4	-0.5	-1.0%	
9.9%	56.0	55.9	-0.1	-0.1%	
11.1%	55.8	55.9	0.1	0.1%	
12.3%	55.4	55.6	0.2	0.3%	
13.6%	55.1	55.3	0.2	0.3%	
14.8%	55.1	55.1	-0.1	-0.1%	
16.0%	55.1	54.7	-0.4	-0.8%	
17.3%	55.0	54.6	-0.4	-0.7%	
18.5%	54.6	54.4	-0.3	-0.5%	
19.8%	54.5	53.9	-0.6	-1.1%	
21.0%	53.8	53.6	-0.2	-0.3%	
22.2%	53.7	53.3	-0.4	-0.8%	
23.5%	53.7	53.2	-0.4	-0.8%	
24.7%	53.5	53.2	-0.3	-0.5%	
25.9%	53.2	53.2	0.0	0.0%	
27.2%	52.9	52.9	0.0	0.0%	
28.4%	52.6	52.9	0.3	0.5%	
29.6%	52.5	52.9	0.4	0.7%	
30.9%	52.4	52.6	0.2	0.5%	
32.1%	52.2	52.4	0.2	0.4%	
33.3%	52.2	52.2	0.0	0.0%	
34.5%	52.0	52.2	0.2	0.4%	
35.8%	52.0	52.1	0.1	0.2%	
37.0%	52.0	52.1	0.1	0.2%	
38.3%	51.9	52.0	0.1	0.1%	
39.5%	51.9	52.0	0.1	0.2%	
40.7%	51.9	51.9	0.0	0.0%	
42.0%	51.9	51.8	-0.1	-0.1%	
43.2%	51.5	51.8	0.3	0.5%	
44.4%	51.3	51.5	0.2	0.4%	
45.7%	51.3	51.5	0.2	0.3%	
46.9%	51.2	51.3	0.1	0.2%	
48.1%	51.2	51.2	0.1	0.1%	
49.4%	51.2	51.2	0.0	0.0%	
50.6%	51.1	51.2	0.1	0.2%	
51.9%	51.0	51.0	-0.1	-0.1%	
53.1%	51.0	50.9	-0.1	-0.2%	
54.3%	50.9	50.9	0.0	0.0%	
55.6%	50.8	50.9	0.0	0.0%	
56.8%	50.8	50.8	0.0	0.0%	
58.0%	50.8	50.7	-0.1	-0.3%	
59.3%	50.6	50.5	-0.1	-0.2%	
60.5%	50.5	50.5	0.0	0.0%	
61.7%	50.5	50.3	-0.1	-0.2%	
63.0%	50.4	50.3	-0.1	-0.3%	
64.2%	50.4	50.3	-0.1	-0.1%	
65.4%	50.3	50.2	-0.1	-0.2%	
66.7%	50.3	50.1	-0.1	-0.2%	
67.9%	50.2	50.1	-0.1	-0.3%	
69.1%	50.1	50.0	-0.1	-0.1%	
70.4%	49.9	50.0	0.0	0.0%	
71.6%	49.9	49.9	0.0	0.1%	
72.8%	49.9	49.9	0.0	0.1%	
74.1%	49.9	49.9	0.0	0.1%	
75.3%	49.8	49.8	0.1	0.1%	
76.5%	49.7	49.8	0.0	0.1%	
77.8%	49.7	49.7	0.0	0.0%	
79.0%	49.7	49.7	0.0	0.0%	
80.2%	49.6	49.7	0.1	0.1%	
81.5%	49.5	49.6	0.1	0.2%	
82.7%	49.4	49.6	0.2	0.3%	
84.0%	49.4	49.4	0.0	0.0%	
85.2%	49.4	49.4	0.0	0.0%	
86.4%	49.4	49.4	0.0	0.0%	
87.7%	49.2	49.3	0.0	0.1%	
88.9%	49.2	49.0	-0.2	-0.4%	
90.1%	48.9	48.9	0.1	0.2%	
91.4%	48.8	48.9	0.2	0.3%	
92.6%	48.6	48.9	0.3	0.6%	
93.8%	48.5	48.9	0.3	0.7%	
95.1%	48.5	48.6	0.1	0.2%	
96.3%	48.4	48.5	0.1	0.1%	
97.5%	48.4	48.4	0.0	0.2%	
98.8%	48.2	48.4	0.2	0.5%	
100.0%	47.8	47.9	0.0	0.1%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	53.0	52.6	-0.3	-0.6%	
1.2%	52.8	51.6	-1.1	-2.1%	
2.5%	51.6	51.4	-0.2	-0.4%	
3.7%	51.4	51.4	0.0	0.0%	
4.9%	51.3	51.4	0.0	0.0%	
6.2%	51.3	51.3	0.0	-0.1%	
7.4%	51.0	51.2	0.2	0.4%	
8.6%	50.9	51.1	0.2	0.4%	
9.9%	50.7	51.0	0.4	0.7%	
11.1%	50.7	50.9	0.4	0.8%	
12.3%	50.5	50.3	-0.2	-0.3%	
13.6%	50.4	50.2	-0.2	-0.4%	
14.8%	50.1	50.1	0.0	0.0%	
16.0%	50.0	49.9	-0.1	-0.2%	
17.3%	49.9	49.9	0.0	0.1%	
18.5%	49.8	49.8	0.0	0.0%	
19.8%	49.4	49.6	0.2	0.3%	
21.0%	49.4	49.5	0.1	0.2%	
22.2%	49.4	49.5	0.1	0.1%	
23.5%	49.4	49.3	-0.1	-0.2%	
24.7%	49.3	49.2	-0.1	-0.2%	
25.9%	49.2	49.2	0.0	-0.1%	
27.2%	49.1	49.1	0.0	-0.1%	
28.4%	49.1	49.1	0.0	0.0%	
29.6%	49.1	49.1	0.0	0.0%	
30.9%	49.1	49.0	0.0	-0.1%	
32.1%	49.1	49.0	-0.1	-0.1%	
33.3%	49.1	48.9	-0.1	-0.1%	
34.5%	49.0	49.0	0.0	-0.2%	
35.8%	49.0	48.9	-0.1	-0.2%	
37.0%	49.0	48.8	-0.2	-0.3%	
38.3%	48.9	48.7	-0.1	-0.3%	
39.5%	48.6	48.7	0.1	0.2%	
40.7%	48.6	48.6	0.0	0.1%	
42.0%	48.5	48.5	0.0	0.1%	
43.2%	48.5	48.4	-0.1	-0.2%	
44.4%	48.5	48.4	-0.1	-0.2%	
45.7%	48.4	48.4	0.0	0.0%	
46.9%	48.4	48.4	0.0	0.0%	
48.1%	48.4	48.3	0.0	-0.1%	
49.4%	48.3	48.3	0.0	-0.1%	
50.6%	48.2	48.1	-0.1	-0.1%	
51.9%	48.1	48.1	0.0	-0.1%	
53.1%	47.9	47.9	0.0	0.1%	
54.3%	47.8	47.8	0.0	0.0%	
55.6%	47.8	47.8	0.0	0.0%	
56.8%	47.8	47.8	0.0	0.1%	
58.0%	47.6	47.8	0.1	0.3%	
59.3%	47.6	47.7	0.2	0.4%	
60.5%	47.5	47.7	0.2	0.4%	
61.7%	47.4	47.7	0.3	0.6%	
63.0%	47.3	47.6	0.3	0.7%	
64.2%	47.3	47.5	0.2	0.4%	
65.4%	47.3	47.5	0.2	0.4%	
66.7%	47.3	47.4	0.1	0.2%	
67.9%	47.3	47.4	0.1	0.1%	
69.1%	47.3	47.3	0.0	0.1%	
70.4%	47.2	47.2	0.0	0.0%	
71.6%	47.2	47.1	0.0	-0.1%	
72.8%	47.1	47.1	0.0	0.0%	
74.1%	47.1	47.1	0.0	0.0%	
75.3%	47.0	47.0	0.0	0.0%	
76.5%	47.0	47.0	0.0	-0.1%	
77.8%	47.0	46.9	-0.1	-0.1%	
79.0%	46.9	46.9	0.0	-0.1%	
80.2%	46.8	46.8	0.0	0.0%	
81.5%	46.6	46.7	0.0	0.1%	
82.7%	46.6	46.6	0.0	0.0%	
84.0%	46.6	46.6	0.0	0.0%	
85.2%	46.4	46.2	-0.2	-0.4%	
86.4%	46.3	46.2	-0.1	-0.3%	
87.7%	46.2	46.1	-0.1	-0.2%	
88.9%	46.1	46.1	0.0	0.0%	
90.1%	46.0	46.0	0.0	0.0%	
91.4%	45.9	46.0	0.0	0.1%	
92.6%	45.9	46.0	0.0	0.1%	
93.8%	45.8	46.0	0.2	0.4%	
95.1%	45.7	45.7	0.0	0.0%	
96.3%	45.7	45.7	0.0	0.0%	
97.5%	45.2	45.3	0.1	0.2%	
98.8%	45.2	45.2	0.0	0.0%	
100.0%	44.5	44.9	0.4	0.9%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.5	46.8	0.3	0.6%	
1.2%	46.5	46.8	0.3	0.6%	
2.5%	46.3	46.8	0.5	0.1%	
3.7%	46.3	45.8	-0.5	-0.1%	
4.9%	45.8	45.7	0.0	-0.1%	
6.2%	45.6	45.7	0.0	0.0%	
7.4%	45.5	45.5	0.0	0.0%	
8.6%	45.5	45.5	0.0	0.0%	
9.9%	45.5	45.4	-0.1	-0.2%	
11.1%	45.2	45.3	-0.1	-0.2%	
12.3%	45.2	45.1	-0.1	-0.2%	
13.6%	45.1	45.0	-0.1	-0.2%	
14.8%	45.0	44.9	-0.2	-0.4%	
16.0%	45.0	44.8	-0.2	-0.4%	
17.3%	45.0	44.7	-0.2	-0.5%	
18.5%	44.8	44.7	0.0	-0.1%	
19.8%	44.7	44.7	0.0	0.0%	
21.0%	44.6	44.6	0.0	0.1%	
22.2%	44.6	44.4	-0.1	-0.3%	
23.5%	44.5	44.4	-0.1	-0.2%	
24.7%	44.3	44.4	0.1	0.2%	
25.9%	44.3	44.3	0.0	0.1%	
27.2%	44.3	44.3	0.0	0.0%	
28.4%	44.3	44.2	0.0	0.0%	
29.6%	44.2	44.2	0.0	0.0%	
30.9%	44.2	44.2	0.0	0.0%	
32.1%	44.2	44.2	0.0	0.1%	
33.3%	44.1	44.1	0.0	0.0%	
34.5%	44.1	44.1	0.0	0.0%	
35.8%	44.0	44.0	0.0	0.0%	
37.0%	43.9	43.9	0.0	0.0%	
38.3%	43.8	43.9	0.1	0.1%	
39.5%	43.6	43.7	0.1	0.2%	
40.7%	43.6	43.6	0.0	0.0%	
42.0%	43.6	43.6	0.0	0.0%	
43.2%	43.6	43.6	0.0	0.0%	
44.4%	43.5	43.6	0.0	0.1%	
45.7%	43.5	43.5	0.1	0.1%	
46.9%	43.4	43.5	0.0	0.1%	
48.1%	43.3	43.5	0.1	0.3%	
49.4%	43.3	43.3	0.0	-0.1%	
50.6%	43.2	43.3	0.0	0.1%	
51.9%	43.2	43.2	0.0	-0.1%	
53.1%	43.1	43.1	0.0	0.1%	
54.3%	43.0	43.1	0.1	0.1%	
55.6%	43.0	43.0	0.0	0.0%	
56.8%	43.0	42.9	0.0	0.0%	
58.0%	42.9	42.9	0.0	-0.1%	
59.3%	42.8	42.8	0.0	0.0%	
60.5%	42.7	42.8	0.1	0.1%	
61.7%	42.6	42.7	0.1	0.2%	
63.0%	42.6	42.6	0.0	0.1%	
64.2%	42.5	42.5	0.0	0.0%	
65.4%	42.4	42.4	0.0	0.0%	
66.7%	42.3	42.3	0.0	0.0%	
67.9%	42.2	42.2	0.0	0.0%	
69.1%	42.2	42.2	0.0	0.0%	
70.4%	42.2	42.2	-0.1	-0.1%	
71.6%	42.2	42.2	0.0	-0.1%	
72.8%	42.2	42.1	-0.1	-0.1%	
74.1%	42.2	42.1	0.0	-0.1%	
75.3%	42.1	42.1	-0.1	-0.2%	
76.5%	42.1	42.0	-0.1	-0.2%	
77.8%	42.1	42.0	-0.1	-0.3%	
79.0%	42.1	42.0	-0.1	-0.3%	
80.2%	42.1</				

Table SQ-37-9b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

February						March						April						May					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)		Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)		Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)		Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	46.4	46.5	0.0	0.1%		0.0%	49.8	49.9	0.0	0.0%		0.0%	52.6	52.7	0.1	0.2%		0.0%	56.0	56.0	0.0	0.0%	
1.2%	46.2	46.2	0.0	-0.1%		1.2%	48.7	48.7	0.0	0.0%		1.2%	52.6	52.6	0.0	0.0%		1.2%	55.7	55.7	0.0	0.0%	
2.5%	45.8	45.8	0.0	0.0%		2.5%	48.5	48.5	0.0	0.0%		2.5%	52.3	52.2	0.0	0.0%		2.5%	55.6	55.5	0.0	0.0%	
3.7%	45.8	45.5	0.0	0.1%		3.7%	48.5	48.0	0.0	0.0%		3.7%	52.2	52.0	-0.2	-0.4%		3.7%	55.6	55.2	0.0	0.0%	
4.9%	45.4	45.4	0.0	0.0%		4.9%	48.5	48.5	0.0	0.0%		4.9%	52.0	51.9	-0.1	-0.3%		4.9%	55.1	55.1	0.0	0.1%	
6.2%	45.0	45.0	0.1	0.1%		6.2%	48.2	48.2	0.0	-0.1%		6.2%	52.0	51.8	-0.2	-0.5%		6.2%	54.9	55.1	0.2	0.3%	
7.4%	44.8	45.0	0.1	0.3%		7.4%	48.2	48.1	-0.1	-0.2%		7.4%	51.5	51.4	-0.1	-0.2%		7.4%	54.9	54.9	0.0	0.1%	
8.6%	44.8	44.8	0.0	0.0%		8.6%	48.1	48.1	0.0	0.0%		8.6%	51.5	51.3	-0.1	-0.3%		8.6%	54.9	54.9	0.0	0.0%	
9.9%	44.8	44.8	0.0	0.1%		9.9%	48.0	48.0	0.1	0.1%		9.9%	51.5	51.5	0.0	-0.2%		9.9%	54.9	54.7	-0.1	-0.3%	
11.1%	44.7	44.8	0.1	0.2%		11.1%	47.9	48.0	0.1	0.2%		11.1%	51.3	51.3	-0.1	-0.2%		11.1%	54.7	54.7	0.0	0.0%	
12.3%	44.7	44.7	0.0	0.1%		12.3%	47.9	47.9	0.0	0.0%		12.3%	51.3	51.3	0.0	-0.1%		12.3%	54.7	54.7	0.0	-0.1%	
13.6%	44.6	44.6	0.0	0.0%		13.6%	47.9	47.8	-0.1	-0.2%		13.6%	51.3	51.3	-0.1	-0.1%		13.6%	54.7	54.5	-0.2	-0.3%	
14.8%	44.6	44.5	0.0	0.0%		14.8%	47.7	47.7	0.0	0.0%		14.8%	51.3	51.3	0.0	0.0%		14.8%	54.5	54.5	0.0	-0.1%	
16.0%	44.5	44.5	0.0	0.0%		16.0%	47.7	47.4	-0.2	-0.5%		16.0%	51.3	51.2	0.0	-0.1%		16.0%	54.5	54.5	0.0	0.0%	
17.3%	44.5	44.5	0.0	0.0%		17.3%	47.4	47.4	-0.1	-0.2%		17.3%	51.2	51.2	0.0	-0.1%		17.3%	54.5	54.5	0.0	0.0%	
18.5%	44.5	44.5	0.0	0.0%		18.5%	47.4	47.3	-0.1	-0.2%		18.5%	51.2	51.2	0.0	0.0%		18.5%	54.5	54.4	-0.1	-0.1%	
19.8%	44.4	44.4	0.0	0.0%		19.8%	47.4	47.3	-0.1	-0.2%		19.8%	51.2	51.1	-0.1	-0.2%		19.8%	54.4	54.4	0.0	0.0%	
21.0%	44.4	44.4	0.0	0.1%		21.0%	47.4	47.3	-0.1	-0.3%		21.0%	51.2	51.1	-0.1	-0.2%		21.0%	54.3	54.3	0.0	0.0%	
22.2%	44.4	44.4	0.0	0.0%		22.2%	47.3	47.2	-0.1	-0.1%		22.2%	51.0	51.0	0.0	0.1%		22.2%	54.3	54.3	0.0	0.0%	
23.5%	44.3	44.4	0.0	0.0%		23.5%	47.2	47.2	0.0	-0.1%		23.5%	50.8	51.0	0.3	0.5%		23.5%	54.2	54.3	0.0	0.0%	
24.7%	44.3	44.3	0.0	0.1%		24.7%	47.2	47.2	0.0	-0.1%		24.7%	50.6	51.0	0.4	0.7%		24.7%	54.1	54.2	0.1	0.2%	
25.9%	44.3	44.3	0.0	0.0%		25.9%	47.2	47.2	0.0	0.0%		25.9%	50.6	50.7	0.2	0.4%		25.9%	54.1	54.1	0.0	0.0%	
27.2%	44.3	44.3	0.0	0.0%		27.2%	47.2	47.1	-0.1	-0.2%		27.2%	50.6	50.6	0.0	0.0%		27.2%	54.0	54.0	0.0	0.0%	
28.4%	44.3	44.3	0.0	0.0%		28.4%	47.1	47.1	0.0	0.0%		28.4%	50.4	50.6	0.1	0.3%		28.4%	53.9	53.9	0.0	0.0%	
29.6%	44.2	44.2	0.0	0.0%		29.6%	47.1	47.0	0.0	-0.1%		29.6%	50.4	50.4	0.0	-0.1%		29.6%	53.7	53.6	-0.1	-0.3%	
30.9%	44.1	44.1	0.0	0.0%		30.9%	47.0	47.0	0.0	0.0%		30.9%	50.4	50.4	0.0	0.1%		30.9%	53.7	53.6	-0.1	-0.2%	
32.1%	44.1	44.1	0.0	0.1%		32.1%	47.0	46.9	-0.1	-0.2%		32.1%	50.4	50.3	-0.1	-0.1%		32.1%	53.6	53.5	-0.1	-0.1%	
33.3%	44.0	44.1	0.0	0.0%		33.3%	46.9	46.9	0.0	0.0%		33.3%	50.3	50.3	-0.1	-0.1%		33.3%	53.5	53.5	0.0	0.0%	
34.5%	44.0	44.0	0.0	0.0%		34.5%	46.9	46.9	0.0	0.0%		34.5%	50.2	50.2	0.0	0.0%		34.5%	53.5	53.5	0.0	0.0%	
35.8%	44.0	44.0	0.0	0.0%		35.8%	46.8	46.8	0.0	0.0%		35.8%	50.0	50.1	0.0	0.1%		35.8%	53.4	53.5	0.0	0.1%	
37.0%	43.9	43.9	0.0	0.1%		37.0%	46.8	46.8	0.0	-0.1%		37.0%	50.0	50.0	0.0	0.1%		37.0%	53.4	53.4	0.0	0.0%	
38.3%	43.9	43.9	0.0	0.0%		38.3%	46.8	46.8	0.0	0.0%		38.3%	50.0	50.0	0.1	0.1%		38.3%	53.4	53.4	0.0	0.0%	
39.5%	43.9	43.9	0.0	0.0%		39.5%	46.8	46.7	0.0	-0.1%		39.5%	50.0	50.0	0.0	0.0%		39.5%	53.4	53.3	-0.1	-0.1%	
40.7%	43.7	43.9	0.2	0.4%		40.7%	46.8	46.7	0.0	-0.1%		40.7%	50.0	50.0	0.0	0.0%		40.7%	53.3	53.3	0.0	0.0%	
42.0%	43.7	43.7	0.0	0.0%		42.0%	46.7	46.7	0.0	-0.1%		42.0%	49.9	50.0	0.1	0.1%		42.0%	53.3	53.2	0.0	-0.1%	
43.2%	43.6	43.6	0.1	0.2%		43.2%	46.7	46.7	0.0	0.0%		43.2%	49.9	49.9	0.0	0.0%		43.2%	53.3	53.2	-0.1	-0.2%	
44.4%	43.5	43.6	0.1	0.1%		44.4%	46.7	46.7	0.0	0.0%		44.4%	49.9	49.9	0.0	0.0%		44.4%	53.2	53.2	0.0	0.0%	
45.7%	43.5	43.6	0.1	0.1%		45.7%	46.7	46.7	0.0	0.0%		45.7%	49.8	49.8	0.0	0.1%		45.7%	53.2	53.2	0.0	0.0%	
46.9%	43.4	43.5	0.1	0.2%		46.9%	46.7	46.5	-0.1	-0.3%		46.9%	49.7	49.8	0.1	0.2%		46.9%	53.1	53.1	0.0	0.0%	
48.1%	43.4	43.5	0.1	0.2%		48.1%	46.3	46.3	0.0	0.0%		48.1%	49.6	49.7	0.1	0.2%		48.1%	53.1	53.1	-0.1	-0.1%	
49.4%	43.4	43.5	0.1	0.2%		49.4%	46.3	46.3	0.0	0.0%		49.4%	49.5	49.7	0.2	0.4%		49.4%	52.9	52.9	0.0	0.3%	
50.6%	43.4	43.4	0.0	0.0%		50.6%	46.2	46.2	0.0	0.0%		50.6%	49.6	49.6	0.1	0.3%		50.6%	52.8	52.9	0.2	0.3%	
51.9%	43.3	43.4	0.1	0.2%		51.9%	46.2	46.2	0.0	0.0%		51.9%	49.4	49.5	0.1	0.2%		51.9%	52.7	52.9	0.2	0.3%	
53.1%	43.3	43.4	0.1	0.3%		53.1%	46.0	46.0	0.0	0.0%		53.1%	49.3	49.4	0.1	0.2%		53.1%	52.7	52.8	0.1	0.2%	
54.3%	43.3	43.4	0.1	0.3%		54.3%	46.0	46.0	0.0	0.0%		54.3%	49.3	49.3	0.0	0.0%		54.3%	52.7	52.6	0.0	-0.1%	
55.6%	43.3	43.4	0.1	0.3%		55.6%	46.0	46.0	0.0	0.0%		55.6%	49.3	49.3	0.1	0.1%		55.6%	52.6	52.6	0.1	0.2%	
56.8%	43.2	43.4	0.1	0.3%		56.8%	46.0	46.0	0.0	0.0%		56.8%	49.2	49.3	0.1	0.1%		56.8%	52.5	52.5	0.0	0.1%	
58.0%	43.2	43.3	0.1	0.2%		58.0%	45.9	45.8	-0.2	-0.3%		58.0%	49.1	49.1	0.0	0.0%		58.0%	52.5	52.5	0.0	0.0%	
59.3%	43.2	43.2	0.1	0.1%		59.3%	45.9	45.8	-0.1	-0.2%		59.3%	49.1	49.1	0.0	0.0%		59.3%	52.4	52.5	0.0	0.0%	
60.5%	43.1	43.2	0.0	0.1%		60.5%	45.7	45.7	0.0	0.0%		60.5%	49.1	49.1	0.0	0.1%		60.5%	52.3	52.4	0.1	0.2%	
61.7%	43.1	43.1	0.0	0.0%		61.7%	45.7	45.7	0.0	-0.1%		61.7%	48.9	49.1	0.2	0.3%		61.7%	52.3	52.4	0.1	0.2%	
63.0%	43.1	43.1	0.0	0.0%		63.0%	45.6	45.6	0.0	0.0%		63.0%	48.8	49.0	0.2	0.4%		63.0%	52.2	52.3	0.1	0.1%	
64.2%	43.1	43.1	0.0	0.0%		64.2%	45.6	45.6	0.0	0.0%		64.2%	48.8	48.8	0.0	0.0%		64.2%	52.1	52.3	0.2	0.4%	
65.4%	43.1	43.1	0.0	-0.1%		65.4%	45.6	45.6	0.0	0.0%		65.4%	48.8	48.8	0.0	0.1%		65.4%	52.0	52.3	0.2	0.4%	
66.7%	43.0	43.1	0.1	0.3%		66.7%	45.6	45.6	0.0	0.0%		66.7%	48.7	48.8	0.1	0.2%		66.7%	51.9	52.3	0.3	0.6%	
67.9%	42.9	42.9	0.0	0.0%		67.9%	45.5	45.5	0.0	0.0%		67.9%	48.7	48.7	0.1	0.1%		67.9%	51.9	52.1	0.1	0.3%	
69.1%	42.9	42.9	0.1	0.1%		69.1%	45.5	45.5	0.0	0.0%		69.1%	48.6	48.7	0.0	0.1%		69.1%	51.9	52.0	0.1	0.1%	
70.4%	42.8	42.9	0.1	0.1%		70.4%	45.5	45.5	0.0	0.0%		70.4%	48.6	48.7	0.1	0.1%		70.4%	51.8	51.9	0.2	0.3%	
71.6%	42.8	42.8	0.0	0.1%		71.6%	45.5	45.5	0.0	0.0%		71.6%	48.6	48.6	0.0	0.0%		71.6%	51.8	51.8	0.0	0.0%	
72.8%	42.7	42.8	0.0	0.1%		72.8%	45.3	45.3	0.0	0.0%		72.8%	48.6	48.5	-0.1	-0.2%		72.8%	51.7	51.7	-0.1	-0.1%	
74.1%	42.7	42.8	0.0	0.1%		74.1%	45.2	45.2	0.0	0.0%		74.1%	48.5	48.5	-0.1	-0.1%		74.1%	51.6	51.6	0.0	0.0%	
75.3%	42.7	42.7	0.0	0.0%		75.3%	45.2	45.2	0.0	0.0%		75.3%	48.5	48.5	0.0	-0.1%		75.3%	51.5	51.6	0.2	0.4%	
76.5%	42.7	42.7	0.0	0.0%		76.5%	45.1	45.2	0.1	0.1%		76.5%	48.5	48.4	0.0	-0.1%		76.5%	51.5	51.6	0.3	0.5%	
77.8%	42.7	42.7	0.0	0.0%		77.8%	45.1	45.1	0.1	0.1%													

Table SQ-37-9b
Clear Creek at Igo, Monthly Temperature
Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)	
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)			
0.0%	59.8	59.7	-0.1	-0.2%	
1.2%	59.8	59.7	-0.1	-0.2%	
2.5%	59.7	59.7	0.0	0.0%	
3.7%	59.7	59.6	-0.1	-0.2%	
4.9%	59.6	59.3	-0.3	-0.5%	
6.2%	59.2	59.2	0.0	0.0%	
7.4%	59.1	59.0	0.0	0.1%	
8.6%	59.0	59.0	0.0	0.0%	
9.9%	58.9	58.5	-0.4	-0.7%	
11.1%	58.7	58.5	-0.2	-0.4%	
12.3%	58.5	58.1	-0.4	-0.6%	
13.6%	58.4	58.1	-0.4	-0.6%	
14.8%	58.2	57.7	-0.5	-0.9%	
16.0%	58.1	57.7	-0.4	-0.7%	
17.3%	57.7	57.6	-0.0	-0.1%	
18.5%	57.7	57.6	-0.1	-0.1%	
19.8%	57.7	57.5	-0.2	-0.3%	
21.0%	57.5	57.5	0.0	0.0%	
22.2%	57.4	57.4	0.0	0.1%	
23.5%	57.0	57.2	0.2	0.4%	
24.7%	56.9	57.0	0.1	0.2%	
25.9%	56.9	56.9	0.0	0.0%	
27.2%	56.8	56.8	0.0	0.0%	
28.4%	56.6	56.6	0.0	0.0%	
29.6%	56.6	56.6	0.0	0.0%	
30.9%	56.6	56.6	0.0	0.0%	
32.1%	56.1	56.2	0.0	0.1%	
33.3%	56.1	56.9	0.8	1.4%	
34.5%	55.9	55.9	0.0	0.0%	
35.8%	55.7	55.7	-0.1	-0.1%	
37.0%	55.7	55.6	0.0	-0.1%	
38.3%	55.6	55.6	-0.1	-0.1%	
39.5%	55.6	55.5	-0.1	-0.2%	
40.7%	55.6	55.5	-0.1	-0.2%	
42.0%	55.5	55.4	0.0	-0.1%	
43.2%	55.4	55.4	0.0	-0.1%	
44.4%	55.4	55.4	0.0	0.0%	
45.7%	55.3	55.3	0.0	0.0%	
46.9%	55.2	55.2	0.0	0.1%	
48.1%	55.2	55.1	0.0	-0.1%	
49.4%	55.1	55.1	-0.1	-0.1%	
50.6%	55.1	55.1	-0.1	-0.1%	
51.9%	55.1	54.9	-0.2	-0.3%	
53.1%	54.9	54.9	0.0	-0.1%	
54.3%	54.8	54.8	0.0	0.0%	
55.6%	54.8	54.7	-0.1	-0.2%	
56.8%	54.8	54.6	-0.1	-0.3%	
58.0%	54.7	54.5	-0.2	-0.3%	
59.3%	54.6	54.4	-0.2	-0.3%	
60.5%	54.6	54.2	-0.3	-0.6%	
61.7%	54.2	54.2	0.0	0.0%	
63.0%	54.2	54.1	-0.1	-0.1%	
64.2%	54.2	54.1	0.0	-0.1%	
65.4%	54.2	54.1	-0.1	-0.2%	
66.7%	54.0	54.1	0.0	0.1%	
67.9%	54.0	54.0	0.0	0.0%	
69.1%	53.9	53.8	0.0	-0.1%	
70.4%	53.8	53.8	0.0	0.0%	
71.6%	53.8	53.7	-0.1	-0.2%	
72.8%	53.6	53.6	0.0	0.0%	
74.1%	53.4	53.5	0.0	0.1%	
75.3%	53.4	53.3	0.0	-0.1%	
76.5%	53.3	53.3	0.1	0.1%	
77.8%	53.3	53.3	0.0	0.0%	
79.0%	53.1	53.2	0.1	0.1%	
80.2%	53.0	52.9	-0.1	-0.2%	
81.5%	52.8	52.6	-0.2	-0.4%	
82.7%	52.8	52.5	-0.3	-0.5%	
84.0%	52.6	52.5	-0.1	-0.2%	
85.2%	52.4	52.4	0.0	0.0%	
86.4%	52.4	52.4	0.0	0.0%	
87.7%	52.2	52.2	0.0	0.0%	
88.9%	52.1	52.1	0.0	0.0%	
90.1%	52.0	52.0	0.0	0.0%	
91.4%	51.7	52.0	0.2	0.4%	
92.6%	51.6	51.7	0.1	0.1%	
93.8%	51.4	51.4	0.0	0.1%	
95.1%	51.0	51.1	0.0	0.1%	
96.3%	51.0	51.0	0.0	-0.1%	
97.5%	51.0	51.0	0.0	0.0%	
98.8%	49.2	49.2	0.0	0.0%	
100.0%	48.8	48.8	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)	
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)			
0.0%	73.8	73.2	-0.6	-0.8%	
1.2%	64.9	64.6	-0.3	-0.4%	
2.5%	64.2	64.3	0.0	0.0%	
3.7%	63.7	63.7	0.0	0.0%	
4.9%	63.0	62.3	-0.7	-1.1%	
6.2%	61.9	61.5	-0.4	-0.7%	
7.4%	61.9	61.1	-0.9	-1.4%	
8.6%	61.6	61.0	-0.6	-1.0%	
9.9%	61.3	60.9	-0.4	-0.6%	
11.1%	61.3	60.5	-0.8	-1.3%	
12.3%	61.0	60.3	-0.7	-1.1%	
13.6%	60.3	60.2	-0.1	-0.1%	
14.8%	60.3	59.8	-0.4	-0.7%	
16.0%	60.2	59.8	-0.4	-0.6%	
17.3%	59.8	59.5	-0.2	-0.4%	
18.5%	59.7	59.5	-0.2	-0.4%	
19.8%	59.6	59.4	-0.2	-0.3%	
21.0%	59.6	59.4	-0.2	-0.3%	
22.2%	59.5	59.3	-0.1	-0.2%	
23.5%	59.4	59.2	-0.2	-0.3%	
24.7%	59.4	59.1	-0.2	-0.4%	
25.9%	59.2	59.2	0.0	0.0%	
27.2%	59.2	59.1	-0.1	-0.1%	
28.4%	59.1	59.1	-0.1	-0.1%	
29.6%	59.1	59.1	0.0	0.0%	
30.9%	59.1	58.9	-0.2	-0.3%	
32.1%	59.0	58.8	-0.2	-0.3%	
33.3%	59.0	58.8	-0.1	-0.2%	
34.5%	58.8	58.8	0.0	0.0%	
35.8%	58.7	58.7	0.0	0.0%	
37.0%	58.7	58.6	-0.2	-0.3%	
38.3%	58.6	58.5	-0.1	-0.1%	
39.5%	58.5	58.5	0.0	0.0%	
40.7%	58.4	58.5	0.0	0.1%	
42.0%	58.4	58.4	0.0	-0.1%	
43.2%	58.4	58.4	-0.1	-0.1%	
44.4%	58.4	58.4	0.0	-0.1%	
45.7%	58.3	58.3	-0.1	-0.1%	
46.9%	58.2	58.3	0.0	0.1%	
48.1%	58.2	58.2	0.1	0.1%	
49.4%	58.1	58.1	0.0	0.0%	
50.6%	58.1	58.1	0.0	0.0%	
51.9%	58.0	58.0	0.0	0.0%	
53.1%	57.9	57.9	0.0	0.0%	
54.3%	57.8	57.7	-0.1	-0.1%	
55.6%	57.7	57.7	-0.1	-0.1%	
56.8%	57.4	57.4	0.0	0.0%	
58.0%	57.4	57.4	0.0	0.0%	
59.3%	57.2	57.3	0.0	0.0%	
60.5%	57.2	57.2	0.0	0.0%	
61.7%	57.2	57.2	0.0	0.0%	
63.0%	57.2	56.8	-0.3	-0.6%	
64.2%	57.0	56.8	-0.2	-0.3%	
65.4%	56.9	56.8	-0.1	-0.1%	
66.7%	56.8	56.8	0.0	-0.1%	
67.9%	56.8	56.8	0.0	-0.1%	
69.1%	56.8	56.7	-0.1	-0.2%	
70.4%	56.7	56.7	-0.1	-0.1%	
71.6%	56.7	56.6	-0.1	-0.2%	
72.8%	56.7	56.6	-0.2	-0.3%	
74.1%	56.7	56.5	-0.2	-0.3%	
75.3%	56.6	56.5	-0.1	-0.2%	
76.5%	56.6	56.5	-0.1	-0.2%	
77.8%	56.5	56.5	0.0	-0.1%	
79.0%	56.4	56.4	0.0	0.1%	
80.2%	56.3	56.4	0.1	0.1%	
81.5%	56.3	56.3	0.0	0.1%	
82.7%	56.1	56.1	0.0	-0.1%	
84.0%	56.1	56.0	-0.1	-0.2%	
85.2%	56.1	56.0	-0.2	-0.3%	
86.4%	56.0	55.9	-0.1	-0.2%	
87.7%	55.9	55.9	0.0	-0.3%	
88.9%	55.6	55.3	-0.3	-0.5%	
90.1%	55.4	55.2	-0.2	-0.4%	
91.4%	55.1	55.2	0.0	0.1%	
92.6%	55.1	55.0	-0.1	-0.2%	
93.8%	54.9	54.9	0.0	-0.1%	
95.1%	54.9	54.6	-0.3	-0.5%	
96.3%	54.6	54.6	-0.3	-0.5%	
97.5%	53.9	53.9	0.0	0.0%	
98.8%	53.7	53.1	-0.6	-1.1%	
100.0%	52.5	52.6	0.0	0.2%	

August					
Percent Exceedance Probability (%)	No Action Alternative	Alternative D	Absolute Difference (DEG-F)	Relative Difference (%)	
	Monthly Temperature (DEG-F)	Monthly Temperature (DEG-F)			
0.0%	65.0	63.6	-1.4	-2.2%	
1.2%	62.4	61.4	-1.0	-1.6%	
2.5%	62.1	61.1	-1.0	-1.6%	
3.7%	62.0	60.6	-1.4	-2.2%	
4.9%	61.0	60.5	-0.5	-0.8%	
6.2%	60.8	60.1	-0.6	-1.0%	
7.4%	60.6	59.6	-1.0	-1.7%	
8.6%	59.5	59.5	0.0	-0.4%	
9.9%	59.4	59.3	-0.1	-0.2%	
11.1%	59.4	59.3	-0.1	-0.2%	
12.3%	59.2	59.2	0.0	-0.1%	
13.6%	59.1	59.1	-0.1	-0.1%	
14.8%	59.0	59.0	0.0	0.0%	
16.0%	58.9	58.9	0.0	0.0%	
17.3%	58.9	58.9	0.0	0.0%	
18.5%	58.8	58.8	0.0	0.1%	
19.8%	58.8	58.7	-0.1	-0.2%	
21.0%	58.4	58.4	0.0	-0.1%	
22.2%	58.4	58.2	-0.2	-0.4%	
23.5%	58.3	58.1	-0.2	-0.4%	
24.7%	58.2	58.1	-0.1	-0.1%	
25.9%	58.1	58.1	0.0	0.0%	
27.2%	58.0	58.0	0.0	0.0%	
28.4%	57.9	57.9	0.0	-0.1%	
29.6%	57.9	57.9	0.0	0.1%	
30.9%	57.9	57.8	-0.1	-0.2%	
32.1%	57.7	57.7	0.0	0.0%	
33.3%	57.5	57.6	0.1	0.1%	
34.5%	57.4	57.6	0.2	0.3%	
35.8%	57.4	57.6	0.2	0.3%	
37.0%	57.4	57.5	0.1	0.2%	
38.3%	57.2	57.4	0.2	0.4%	
39.5%	57.2	57.4	0.2	0.4%	
40.7%	57.2	57.2	0.1	0.1%	
42.0%	57.1	57.1	0.0	0.0%	
43.2%	57.1	56.7	-0.3	-0.6%	
44.4%	57.1	56.7	-0.4	-0.6%	
45.7%	57.0	56.6	-0.4	-0.7%	
46.9%	56.7	56.6	-0.1	-0.2%	
48.1%	56.6	56.5	-0.1	-0.2%	
49.4%	56.3	56.3	-0.3	-0.5%	
50.6%	56.6	56.3	-0.3	-0.5%	
51.9%	56.5	56.3	-0.2	-0.4%	
53.1%	56.4	56.2	-0.2	-0.3%	
54.3%	56.4	56.2	-0.2	-0.3%	
55.6%	56.4	56.2	-0.2	-0.3%	
56.8%	56.3	56.2	-0.1	-0.2%	
58.0%	56.3	56.1	-0.1	-0.2%	
59.3%	56.2	56.1	-0.1	-0.1%	
60.5%	56.2	56.1	-0.1	-0.1%	
61.7%	56.2	56.1	-0.1	-0.2%	
63.0%	56.1	56.0	0.0	-0.1%	
64.2%	56.1	56.0	-0.1	-0.1%	
65.4%	56.0	56.0	-0.1	-0.1%	
66.7%	56.0	56.0	-0.1	-0.1%	
67.9%	56.0	55.9	-0.1	-0.2%	
69.1%	56.0	55.9	-0.1	-0.2%	
70.4%	55.9	55.8	-0.2	-0.3%	
71.6%	55.9	55.6	-0.3	-0.6%	
72.8%	55.7	55.5	-0.2	-0.3%	
74.1%	55.7	55.4	-0.2	-0.4%	
75.3%	55.6	55.4	-0.2	-0.3%	
76.5%	55.5	55.4	-0.2	-0.3%	
77.8%	55.2	55.3	0.1	0.1%	
79.0%	55.1	55.2	0.1	0.2%	
80.2%	55.0	55.2	0.2	0.4%	
81.5%	54.9	55.1	0.2	0.3%	
82.7%	54.9	55.1	0.1	0.3%	
84.0%	54.9	55.0	0.1	0.2%	
85.2%	54.9	55.0	0.1		

Table SQ-38-9a
Clear Creek at Mouth, Monthly Temperature
Long-term Average and Average by Water Year Type

Analysis Period	Monthly Temperature (DEG-F)											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Long-term												
Full Simulation Period ¹												
No Action Alternative	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.8	59.1	65.6	63.4	57.1
Alternative D	53.5	49.1	43.9	42.6	44.3	47.5	51.3	54.9	59.0	65.4	63.3	57.1
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
Percent Difference	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	-0.1%	-0.2%	-0.1%	-0.1%
Water Year Types ²												
Wet (32%)												
No Action Alternative	51.5	48.0	43.3	42.2	44.1	46.8	49.9	54.2	58.0	65.4	63.7	56.1
Alternative D	51.5	48.1	43.3	42.1	44.1	46.8	49.9	54.2	58.0	65.3	63.5	56.0
Difference	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
Percent Difference	0.1%	0.1%	0.0%	-0.1%	0.0%	0.0%	-0.1%	0.0%	0.0%	-0.2%	-0.3%	-0.1%
Above Normal (15%)												
No Action Alternative	52.7	48.6	44.0	42.9	44.3	47.3	50.8	55.4	60.3	67.9	64.0	56.7
Alternative D	52.5	48.6	44.0	42.9	44.3	47.3	51.0	55.4	60.2	67.7	63.6	56.5
Difference	-0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	-0.1	-0.2	-0.4	-0.2
Percent Difference	-0.5%	0.0%	0.0%	-0.1%	0.0%	0.1%	0.4%	0.1%	-0.1%	-0.3%	-0.7%	-0.4%
Below Normal (17%)												
No Action Alternative	54.0	49.3	43.9	42.5	43.8	47.3	51.4	55.4	58.6	65.6	63.5	57.2
Alternative D	54.0	49.5	43.9	42.5	43.8	47.3	51.5	55.4	58.6	65.5	63.5	57.3
Difference	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.1
Percent Difference	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	-0.2%	0.0%	0.2%
Dry (22%)												
No Action Alternative	53.5	49.7	44.2	42.6	44.2	47.9	52.6	54.8	59.1	64.9	62.4	56.8
Alternative D	53.6	49.8	44.2	42.7	44.3	47.9	52.4	54.8	58.9	64.7	62.5	56.9
Difference	0.1	0.1	0.0	0.1	0.1	-0.1	-0.2	0.0	-0.2	-0.2	0.1	0.1
Percent Difference	0.2%	0.2%	0.1%	0.1%	0.2%	-0.1%	-0.3%	0.1%	-0.3%	-0.2%	0.1%	0.2%
Critical (15%)												
No Action Alternative	58.2	50.5	44.6	43.1	45.4	48.9	52.7	55.0	61.0	64.5	63.4	60.3
Alternative D	58.0	50.4	44.5	43.1	45.4	48.9	52.8	55.1	60.9	64.5	63.8	59.8
Difference	-0.2	-0.1	0.0	0.0	0.0	0.0	0.1	0.1	-0.1	0.0	0.4	-0.5
Percent Difference	-0.3%	-0.3%	-0.1%	0.1%	0.1%	0.0%	0.2%	0.1%	-0.2%	0.0%	0.6%	-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



Figure SQ-38-9b
 Clear Creek at Mouth, Monthly Temperature
 Probability of Exceedance

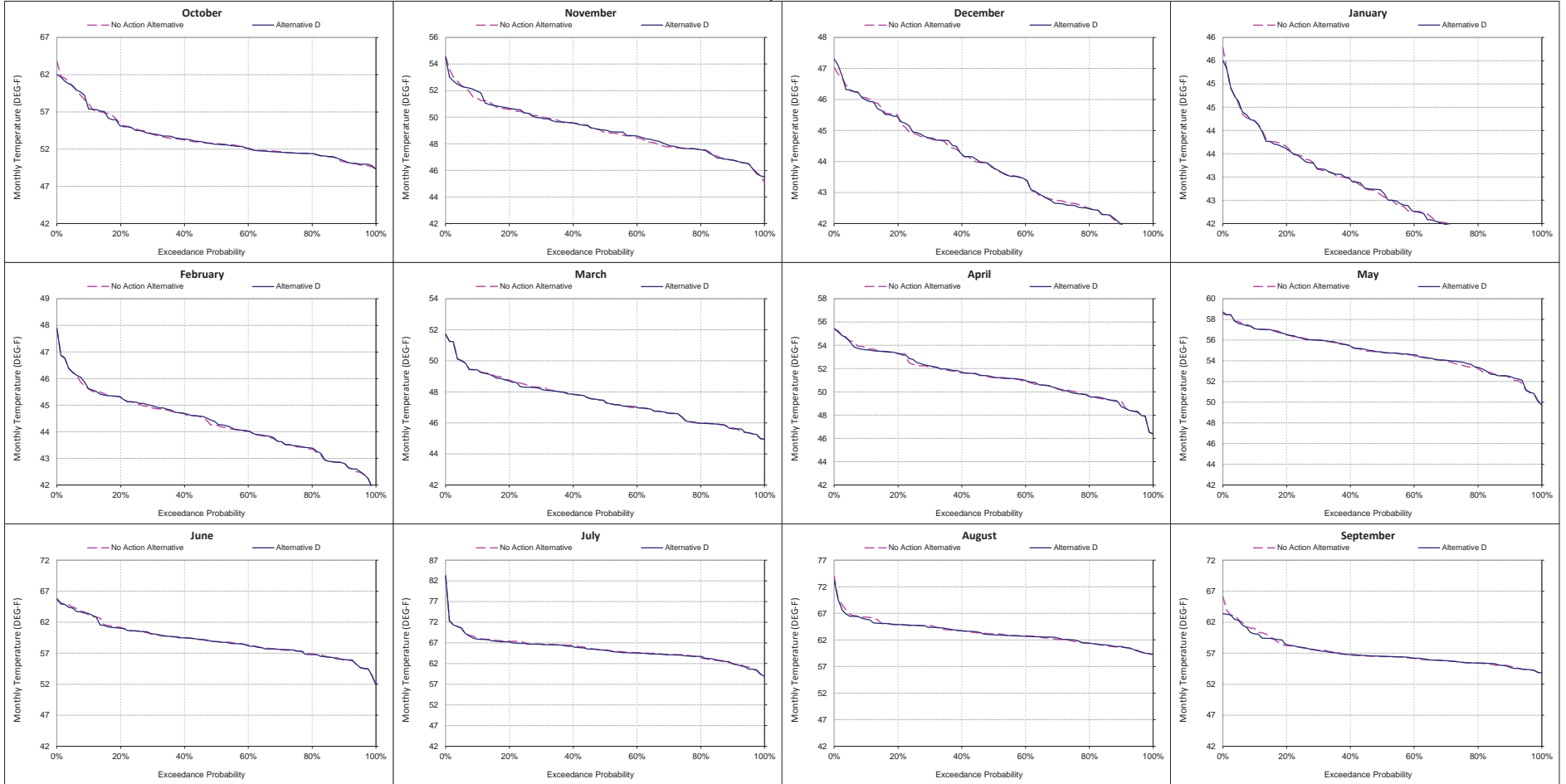


Table SQ-38-9b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

October					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	63.8	62.0	-1.8	-2.8%	
1.2%	61.8	61.7	-0.1	-0.2%	
2.5%	61.5	61.1	-0.4	-0.7%	
3.7%	61.1	60.8	-0.3	-0.5%	
4.9%	60.4	60.5	0.1	0.2%	
6.2%	59.9	59.9	0.0	0.0%	
7.4%	59.2	59.2	0.5	0.8%	
8.6%	58.7	59.7	0.6	0.9%	
9.9%	58.1	57.4	-0.7	-1.2%	
11.1%	57.4	57.3	-0.1	-0.1%	
12.3%	57.1	57.3	0.3	0.4%	
13.6%	57.0	57.1	0.1	0.2%	
14.8%	56.9	57.1	0.2	0.4%	
16.0%	56.8	56.2	-0.6	-1.0%	
17.3%	56.6	56.0	-0.6	-1.0%	
18.5%	56.1	55.9	-0.1	-0.2%	
19.8%	55.5	55.2	-0.3	-0.6%	
21.0%	55.1	55.0	-0.1	-0.2%	
22.2%	55.0	55.0	0.0	-0.1%	
23.5%	54.9	54.9	0.0	-0.1%	
24.7%	54.7	54.5	-0.2	-0.4%	
25.9%	54.5	54.5	0.0	-0.1%	
27.2%	54.5	54.4	-0.1	-0.2%	
28.4%	54.4	54.1	-0.2	-0.4%	
29.6%	54.0	54.1	0.0	0.1%	
30.9%	53.9	54.0	0.2	0.3%	
32.1%	53.8	53.9	0.2	0.3%	
33.3%	53.7	53.8	0.1	0.2%	
34.5%	53.5	53.8	0.3	0.5%	
35.8%	53.5	53.7	0.2	0.5%	
37.0%	53.4	53.5	0.1	0.2%	
38.3%	53.3	53.4	0.1	0.2%	
39.5%	53.3	53.4	0.1	0.2%	
40.7%	53.2	53.3	0.2	0.3%	
42.0%	53.1	53.3	0.1	0.3%	
43.2%	53.0	53.1	0.1	0.1%	
44.4%	53.0	53.0	0.1	0.2%	
45.7%	52.9	53.0	0.1	0.1%	
46.9%	52.8	52.8	0.0	0.1%	
48.1%	52.8	52.8	0.0	0.0%	
49.4%	52.8	52.7	-0.1	-0.2%	
50.6%	52.7	52.6	-0.1	-0.1%	
51.9%	52.7	52.6	-0.1	-0.2%	
53.1%	52.6	52.6	0.0	-0.1%	
54.3%	52.6	52.5	-0.1	-0.2%	
55.6%	52.6	52.5	-0.1	-0.2%	
56.8%	52.4	52.4	0.0	-0.1%	
58.0%	52.3	52.4	0.0	0.1%	
59.3%	52.2	52.2	0.0	0.0%	
60.5%	51.9	52.1	0.1	0.2%	
61.7%	51.9	51.8	-0.1	-0.1%	
63.0%	51.8	51.8	0.0	-0.1%	
64.2%	51.8	51.8	-0.1	-0.1%	
65.4%	51.8	51.7	-0.1	-0.2%	
66.7%	51.7	51.7	-0.1	-0.1%	
67.9%	51.7	51.6	-0.1	-0.2%	
69.1%	51.7	51.6	0.0	-0.1%	
70.4%	51.6	51.6	-0.1	-0.1%	
71.6%	51.6	51.5	-0.1	-0.1%	
72.8%	51.5	51.5	0.0	0.0%	
74.1%	51.5	51.5	0.0	0.0%	
75.3%	51.5	51.5	0.0	0.0%	
76.5%	51.5	51.4	0.0	0.0%	
77.8%	51.5	51.4	0.0	0.0%	
79.0%	51.4	51.4	0.0	0.0%	
80.2%	51.4	51.4	0.0	0.0%	
81.5%	51.2	51.2	0.0	0.0%	
82.7%	51.1	51.1	0.0	0.1%	
84.0%	51.1	51.1	0.0	0.0%	
85.2%	51.0	51.0	0.0	0.1%	
86.4%	50.9	51.0	0.1	0.2%	
87.7%	50.8	51.0	0.1	0.2%	
88.9%	50.4	50.6	0.2	0.4%	
90.1%	50.3	50.4	0.1	0.2%	
91.4%	50.2	50.2	0.0	0.0%	
92.6%	50.1	50.1	0.0	0.0%	
93.8%	50.0	50.1	0.1	0.1%	
95.1%	49.9	50.0	0.1	0.2%	
96.3%	49.9	50.0	0.2	0.3%	
97.5%	49.7	50.0	0.2	0.5%	
98.8%	49.6	49.7	0.1	0.3%	
100.0%	49.3	49.3	0.0	0.1%	

November					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	54.6	54.5	-0.1	-0.2%	
1.2%	53.6	53.0	-0.6	-1.0%	
2.5%	53.0	52.7	-0.3	-0.6%	
3.7%	52.7	52.5	-0.2	-0.4%	
4.9%	52.4	52.3	-0.1	-0.1%	
6.2%	52.2	52.2	0.0	0.0%	
7.4%	51.9	52.2	0.3	0.5%	
8.6%	51.5	52.1	0.6	1.2%	
9.9%	51.4	52.0	0.5	1.0%	
11.1%	51.3	51.8	0.5	1.1%	
12.3%	51.2	51.1	-0.2	-0.3%	
13.6%	51.2	51.0	-0.3	-0.5%	
14.8%	50.9	50.9	-0.1	-0.1%	
16.0%	50.8	50.8	0.1	0.2%	
17.3%	50.7	50.8	0.1	0.2%	
18.5%	50.6	50.7	0.1	0.2%	
19.8%	50.6	50.7	0.1	0.2%	
21.0%	50.6	50.6	0.1	0.1%	
22.2%	50.4	50.6	0.1	0.3%	
23.5%	50.4	50.6	0.1	0.3%	
24.7%	50.3	50.3	0.0	-0.1%	
25.9%	50.3	50.3	0.0	-0.1%	
27.2%	50.1	50.1	-0.1	-0.1%	
28.4%	50.1	50.0	-0.1	-0.2%	
29.6%	50.1	50.0	-0.1	-0.3%	
30.9%	50.0	49.9	-0.1	-0.2%	
32.1%	49.9	49.9	0.0	-0.1%	
33.3%	49.8	49.7	-0.1	-0.3%	
34.5%	49.8	49.7	-0.2	-0.3%	
35.8%	49.7	49.7	-0.1	-0.1%	
37.0%	49.6	49.6	0.1	0.1%	
38.3%	49.6	49.6	0.0	0.0%	
39.5%	49.6	49.6	0.0	0.0%	
40.7%	49.6	49.5	0.0	-0.1%	
42.0%	49.5	49.4	-0.1	-0.1%	
43.2%	49.4	49.4	0.0	0.0%	
44.4%	49.4	49.4	0.0	0.1%	
45.7%	49.2	49.2	0.0	0.1%	
46.9%	49.1	49.1	0.0	0.0%	
48.1%	49.1	49.1	0.0	-0.1%	
49.4%	48.9	49.0	0.2	0.3%	
50.6%	48.8	49.0	0.2	0.3%	
51.9%	48.8	48.9	0.1	0.2%	
53.1%	48.8	48.9	0.1	0.2%	
54.3%	48.7	48.9	0.1	0.3%	
55.6%	48.6	48.9	0.2	0.5%	
56.8%	48.6	48.6	0.0	0.1%	
58.0%	48.6	48.6	0.0	0.0%	
59.3%	48.5	48.6	0.1	0.2%	
60.5%	48.4	48.6	0.1	0.3%	
61.7%	48.4	48.5	0.1	0.2%	
63.0%	48.1	48.4	0.2	0.5%	
64.2%	48.1	48.3	0.2	0.5%	
65.4%	48.1	48.2	0.2	0.3%	
66.7%	47.9	48.2	0.3	0.6%	
67.9%	47.9	48.1	0.2	0.5%	
69.1%	47.8	48.0	0.2	0.4%	
70.4%	47.8	47.9	0.1	0.2%	
71.6%	47.7	47.8	0.1	0.2%	
72.8%	47.7	47.7	0.1	0.1%	
74.1%	47.7	47.7	0.0	-0.1%	
75.3%	47.7	47.6	0.0	0.0%	
76.5%	47.6	47.6	0.0	-0.1%	
77.8%	47.6	47.6	0.0	0.0%	
79.0%	47.6	47.6	0.0	0.0%	
80.2%	47.5	47.5	0.0	0.0%	
81.5%	47.5	47.5	0.0	-0.1%	
82.7%	47.4	47.3	-0.1	-0.2%	
84.0%	47.1	47.1	0.0	0.0%	
85.2%	47.1	46.9	-0.2	-0.3%	
86.4%	46.9	46.9	0.0	0.0%	
87.7%	46.8	46.8	0.0	0.1%	
88.9%	46.8	46.8	0.0	0.1%	
90.1%	46.8	46.8	0.0	0.0%	
91.4%	46.7	46.7	0.0	0.0%	
92.6%	46.6	46.6	0.0	0.1%	
93.8%	46.6	46.6	0.0	0.0%	
95.1%	46.5	46.5	0.0	0.0%	
96.3%	46.1	46.1	0.0	0.1%	
97.5%	45.7	45.8	0.1	0.2%	
98.8%	45.6	45.6	0.0	0.0%	
100.0%	45.1	45.5	0.4	1.0%	

December					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	47.0	47.3	0.3	0.6%	
1.2%	46.8	47.1	0.3	0.6%	
2.5%	46.7	46.7	0.0	0.1%	
3.7%	46.5	46.5	-0.1	-0.3%	
4.9%	46.3	46.3	0.0	0.1%	
6.2%	46.3	46.3	0.0	0.0%	
7.4%	46.2	46.2	0.0	0.0%	
8.6%	46.1	46.1	0.0	0.0%	
9.9%	46.1	46.0	-0.1	-0.2%	
11.1%	46.0	45.9	-0.1	-0.1%	
12.3%	45.9	45.9	0.0	0.1%	
13.6%	45.9	45.7	-0.2	-0.4%	
14.8%	45.7	45.6	-0.1	-0.2%	
16.0%	45.6	45.5	0.0	-0.1%	
17.3%	45.5	45.5	0.0	-0.1%	
18.5%	45.5	45.5	-0.1	-0.1%	
19.8%	45.5	45.5	-0.1	-0.1%	
21.0%	45.2	45.3	0.1	0.2%	
22.2%	45.1	45.2	0.1	0.3%	
23.5%	45.0	45.2	0.2	0.4%	
24.7%	44.9	44.9	0.0	0.1%	
25.9%	44.9	44.9	0.1	0.2%	
27.2%	44.8	44.9	0.1	0.2%	
28.4%	44.8	44.8	0.0	0.0%	
29.6%	44.8	44.8	0.0	0.0%	
30.9%	44.7	44.8	0.1	0.1%	
32.1%	44.7	44.7	0.0	0.0%	
33.3%	44.7	44.7	0.0	0.0%	
34.5%	44.7	44.7	0.0	0.1%	
35.8%	44.5	44.7	0.2	0.4%	
37.0%	44.4	44.5	0.1	0.2%	
38.3%	44.4	44.5	0.1	0.2%	
39.5%	44.3	44.3	0.0	0.0%	
40.7%	44.2	44.2	0.0	0.0%	
42.0%	44.2	44.2	0.0	0.0%	
43.2%	44.1	44.2	0.1	0.2%	
44.4%	44.0	44.1	0.1	0.2%	
45.7%	44.0	44.0	0.0	0.1%	
46.9%	44.0	44.0	0.0	0.0%	
48.1%	43.9	43.9	0.0	0.1%	
49.4%	43.9	43.8	-0.1	-0.2%	
50.6%	43.7	43.8	0.0	0.1%	
51.9%	43.7	43.7	0.0	0.1%	
53.1%	43.6	43.6	0.0	0.0%	
54.3%	43.6	43.6	0.0	0.0%	
55.6%	43.6	43.5	0.0	-0.1%	
56.8%	43.5	43.5	0.0	0.0%	
58.0%	43.5	43.5	0.0	0.0%	
59.3%	43.4	43.5	0.0	0.1%	
60.5%	43.4	43.4	0.0	0.0%	
61.7%	43.0	43.1	0.0	0.1%	
63.0%	43.0	43.0	0.0	0.0%	
64.2%	42.9	43.0	0.0	0.1%	
65.4%	42.9	42.9	0.0	0.1%	
66.7%	42.8	42.8	0.0	0.0%	
67.9%	42.8	42.7	-0.1	-0.1%	
69.1%	42.8	42.7	-0.1	-0.2%	
70.4%	42.7	42.6	-0.1	-0.2%	
71.6%	42.7	42.6	-0.1	-0.2%	
72.8%	42.7	42.6	-0.1	-0.2%	
74.1%	42.7	42.6	-0.1	-0.1%	
75.3%	42.7	42.6	-0.1	-0.2%	
76.5%	42.6	42.5	-0.1	-0.2%	
77.8%	42.6	42.5	-0.1	-0.2%	
79.0%	42.5	42.5	0.0	-0.1%	
80.2%	42.5				

Table SQ-38-9b
Clear Creek at Mouth, Monthly Temperature
Probability of Exceedance

February				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	47.9	47.9	0.0	0.0%
1.2%	46.9	46.9	0.0	-0.1%
2.5%	46.8	46.8	0.0	0.0%
3.7%	46.4	46.4	0.0	0.0%
4.9%	46.2	46.2	0.0	0.0%
6.2%	46.1	46.1	0.0	0.0%
7.4%	45.9	46.1	0.2	0.4%
8.6%	45.7	45.9	0.1	0.3%
9.9%	45.6	45.6	0.0	0.0%
11.1%	45.5	45.6	0.1	0.1%
12.3%	45.5	45.5	0.0	0.0%
13.6%	45.5	45.4	-0.1	-0.2%
14.8%	45.4	45.4	-0.1	-0.1%
16.0%	45.4	45.4	0.0	0.0%
17.3%	45.3	45.3	0.0	0.0%
18.5%	45.3	45.3	0.0	0.0%
19.8%	45.3	45.3	0.0	0.0%
21.0%	45.2	45.2	0.0	0.0%
22.2%	45.1	45.1	0.0	0.0%
23.5%	45.1	45.1	0.0	0.0%
24.7%	45.1	45.1	0.0	0.1%
25.9%	45.1	45.1	0.0	0.1%
27.2%	45.0	45.1	0.1	0.2%
28.4%	44.9	45.0	0.1	0.2%
29.6%	44.9	45.0	0.1	0.2%
30.9%	44.9	44.9	0.0	0.1%
32.1%	44.9	44.9	0.0	0.1%
33.3%	44.8	44.9	0.1	0.1%
34.5%	44.8	44.8	0.0	0.1%
35.8%	44.8	44.8	0.0	0.1%
37.0%	44.7	44.7	0.0	-0.1%
38.3%	44.7	44.7	0.0	0.0%
39.5%	44.7	44.7	0.0	0.0%
40.7%	44.6	44.7	0.0	0.1%
42.0%	44.6	44.6	0.0	0.0%
43.2%	44.6	44.6	0.0	0.0%
44.4%	44.6	44.6	0.0	0.0%
45.7%	44.5	44.6	0.0	0.1%
46.9%	44.4	44.5	0.1	0.2%
48.1%	44.3	44.4	0.2	0.4%
49.4%	44.3	44.4	0.1	0.3%
50.6%	44.2	44.3	0.0	0.1%
51.9%	44.2	44.3	0.1	0.2%
53.1%	44.2	44.2	0.1	0.2%
54.3%	44.1	44.2	0.1	0.2%
55.6%	44.1	44.1	0.0	0.0%
56.8%	44.1	44.1	0.0	0.0%
58.0%	44.1	44.1	0.0	0.0%
59.3%	44.0	44.0	0.0	0.1%
60.5%	44.0	44.0	0.0	0.0%
61.7%	43.9	43.9	0.0	0.1%
63.0%	43.9	43.9	0.0	0.0%
64.2%	43.8	43.9	0.0	0.1%
65.4%	43.8	43.9	0.0	0.1%
66.7%	43.8	43.8	0.0	0.1%
67.9%	43.7	43.8	0.0	0.1%
69.1%	43.6	43.6	0.0	0.0%
70.4%	43.6	43.6	0.0	0.0%
71.6%	43.5	43.5	0.0	0.0%
72.8%	43.5	43.5	0.0	0.0%
74.1%	43.5	43.5	0.0	0.0%
75.3%	43.4	43.5	0.0	0.1%
76.5%	43.4	43.4	0.0	0.0%
77.8%	43.4	43.4	0.0	0.0%
79.0%	43.4	43.4	0.0	0.1%
80.2%	43.3	43.4	0.0	0.1%
81.5%	43.2	43.3	0.0	0.1%
82.7%	43.1	43.2	0.1	0.1%
84.0%	42.9	42.9	0.0	0.0%
85.2%	42.9	42.9	0.0	0.0%
86.4%	42.9	42.9	0.0	0.0%
87.7%	42.9	42.9	0.0	0.0%
88.9%	42.9	42.9	0.0	0.0%
90.1%	42.8	42.8	0.0	-0.1%
91.4%	42.6	42.7	0.0	0.0%
92.6%	42.6	42.6	0.0	0.0%
93.8%	42.5	42.6	0.1	0.2%
95.1%	42.5	42.5	0.0	0.1%
96.3%	42.4	42.4	0.0	0.0%
97.5%	42.2	42.2	0.0	0.0%
98.8%	41.9	41.9	0.0	-0.1%
100.0%	41.5	41.5	0.0	0.0%

March				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	51.7	51.7	0.0	0.0%
1.2%	51.3	51.3	0.0	0.0%
2.5%	51.1	51.2	0.1	0.2%
3.7%	50.1	50.1	0.0	0.0%
4.9%	50.0	50.0	0.0	-0.1%
6.2%	49.9	49.9	0.0	0.0%
7.4%	49.4	49.4	0.0	0.0%
8.6%	49.4	49.4	0.0	0.0%
9.9%	49.4	49.4	0.0	0.1%
11.1%	49.3	49.2	0.0	-0.1%
12.3%	49.2	49.2	0.0	-0.1%
13.6%	49.2	49.1	-0.1	-0.1%
14.8%	49.1	49.0	-0.1	-0.1%
16.0%	49.0	48.9	-0.1	-0.2%
17.3%	49.0	48.9	-0.1	-0.2%
18.5%	48.8	48.8	0.0	0.0%
19.8%	48.8	48.7	-0.1	-0.1%
21.0%	48.7	48.6	0.0	-0.1%
22.2%	48.6	48.6	0.0	0.0%
23.5%	48.6	48.3	-0.2	-0.5%
24.7%	48.5	48.3	-0.2	-0.4%
25.9%	48.5	48.1	-0.4	-1.1%
27.2%	48.3	48.3	0.0	-0.1%
28.4%	48.3	48.3	-0.1	-0.1%
29.6%	48.3	48.2	-0.1	-0.2%
30.9%	48.3	48.1	-0.2	-0.4%
32.1%	48.1	48.1	0.0	-0.1%
33.3%	48.1	48.1	0.0	-0.1%
34.5%	48.1	48.1	0.0	0.0%
35.8%	48.0	48.0	0.0	0.0%
37.0%	48.0	48.0	0.0	-0.1%
38.3%	47.9	47.9	-0.1	-0.1%
39.5%	47.8	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%	47.7	47.8	0.0	0.0%
44.4%	47.6	47.6	0.0	0.0%
45.7%	47.6	47.5	0.0	0.0%
46.9%	47.5	47.5	0.0	0.0%
48.1%	47.5	47.5	0.0	0.0%
49.4%	47.5	47.5	0.0	0.0%
50.6%	47.2	47.3	0.0	0.1%
51.9%	47.2	47.2	0.0	0.0%
53.1%	47.2	47.2	0.0	0.0%
54.3%	47.2	47.2	0.0	0.0%
55.6%	47.1	47.1	0.0	-0.1%
56.8%	47.1	47.1	0.0	0.0%
58.0%	47.0	47.1	0.1	0.2%
59.3%	47.0	47.1	0.1	0.2%
60.5%	47.0	47.0	0.0	0.0%
61.7%	47.0	47.0	0.0	0.0%
63.0%	46.9	46.9	0.0	-0.1%
64.2%	46.9	46.9	0.0	0.0%
65.4%	46.8	46.8	0.0	0.0%
66.7%	46.7	46.8	0.0	0.0%
67.9%	46.7	46.7	0.1	0.1%
69.1%	46.6	46.7	0.0	0.1%
70.4%	46.6	46.6	0.0	0.0%
71.6%	46.6	46.6	0.0	0.0%
72.8%	46.6	46.6	0.0	0.0%
74.1%	46.4	46.4	0.0	0.0%
75.3%	46.1	46.1	0.0	0.0%
76.5%	46.1	46.1	0.0	0.0%
77.8%	46.0	46.1	0.0	0.1%
79.0%	46.0	46.0	0.0	0.0%
80.2%	46.0	46.0	0.0	0.0%
81.5%	46.0	46.0	0.0	0.0%
82.7%	46.0	46.0	0.0	0.0%
84.0%	45.9	45.9	0.0	0.0%
85.2%	45.9	45.9	0.0	0.0%
86.4%	45.9	45.9	0.0	0.0%
87.7%	45.8	45.8	0.0	0.0%
88.9%	45.7	45.7	0.0	0.0%
90.1%	45.7	45.6	0.0	-0.1%
91.4%	45.6	45.6	0.0	0.0%
92.6%	45.4	45.6	0.2	0.4%
93.8%	45.4	45.4	0.0	0.0%
95.1%	45.4	45.4	0.0	0.0%
96.3%	45.3	45.3	0.0	0.0%
97.5%	45.2	45.3	0.0	0.1%
98.8%	45.0	45.0	0.0	0.0%
100.0%	44.9	44.9	0.0	0.0%

April				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)
0.0%	55.4	55.4	0.0	0.0%
1.2%	55.3	55.1	-0.1	-0.2%
2.5%	54.8	54.8	0.0	0.0%
3.7%	54.6	54.7	0.1	0.2%
4.9%	54.4	54.3	-0.1	-0.1%
6.2%	54.3	53.9	-0.4	-0.8%
7.4%	53.9	53.7	-0.2	-0.3%
8.6%	53.9	53.7	-0.2	-0.4%
9.9%	53.8	53.6	-0.2	-0.4%
11.1%	53.7	53.6	-0.1	-0.2%
12.3%	53.7	53.5	-0.2	-0.3%
13.6%	53.5	53.5	0.0	-0.1%
14.8%	53.5	53.5	0.0	0.0%
16.0%	53.4	53.5	0.0	0.1%
17.3%	53.4	53.4	0.0	0.0%
18.5%	53.4	53.4	0.1	0.1%
19.8%	53.3	53.3	0.0	0.0%
21.0%	53.2	53.2	0.0	0.1%
22.2%	53.1	53.2	0.2	0.3%
23.5%	52.5	52.9	0.3	0.6%
24.7%	52.4	52.8	0.4	0.8%
25.9%	52.3	52.5	0.3	0.5%
27.2%	52.2	52.4	0.2	0.4%
28.4%	52.2	52.3	0.1	0.2%
29.6%	52.1	52.2	0.1	0.2%
30.9%	52.1	52.2	0.1	0.1%
32.1%	52.1	52.1	0.0	0.0%
33.3%	52.0	52.0	0.0	0.0%
34.5%	51.9	52.0	0.0	0.1%
35.8%	51.8	51.9	0.0	0.2%
37.0%	51.8	51.8	0.0	0.1%
38.3%	51.8	51.8	0.1	0.2%
39.5%	51.6	51.7	0.1	0.2%
40.7%	51.6	51.6	0.0	0.1%
42.0%	51.6	51.6	0.0	0.0%
43.2%	51.6	51.6	0.0	0.0%
44.4%	51.6	51.5	0.0	-0.1%
45.7%	51.4	51.4	0.0	0.1%
46.9%	51.4	51.4	0.0	0.0%
48.1%	51.3	51.4	0.1	0.2%
49.4%	51.3	51.3	0.1	0.2%
50.6%	51.2	51.2	0.0	0.0%
51.9%	51.2	51.2	0.0	0.0%
53.1%	51.1	51.2	0.1	0.1%
54.3%	51.1	51.2	0.0	0.0%
55.6%	51.1	51.1	0.0	0.0%
56.8%	51.1	51.1	0.0	0.0%
58.0%	51.1	51.1	0.0	0.0%
59.3%	50.9	51.0	0.1	0.2%
60.5%	50.9	50.9	0.0	0.1%
61.7%	50.8	50.8	0.1	0.1%
63.0%	50.6	50.8	0.2	0.3%
64.2%	50.6	50.6	0.0	0.0%
65.4%	50.6	50.6	0.0	0.1%
66.7%	50.6	50.6	0.0	0.0%
67.9%	50.5	50.5	-0.1	-0.1%
69.1%	50.4	50.4	0.0	0.0%
70.4%	50.2	50.3	0.1	0.1%
71.6%	50.2	50.1	-0.1	-0.2%
72.8%	50.2	50.1	-0.1	-0.2%
74.1%	50.1	50.0	-0.1	-0.2%
75.3%	50.0	49.9	-0.2	-0.3%
76.5%	49.9	49.8	0.0	-0.1%
77.8%	49.8	49.8	0.0	0.0%
79.0%	49.8	49.7	0.0	-0.1%
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	0.2%
84.0%	49.4	49.5	0.1	0.2%
85.2%	49.4	49.4	0.0	0.0%
86.4%	49.3	49.3	0.0	0.0%
87.7%	49.3	49.2	0.0	-0.1%
88.9%	49.2	49.1	-0.1	-0.2%
90.1%	49.2	48.7	-0.4	-0.9%
91.4%	48.6	48.6	0.0	0.0%
92.6%	48.4	48.4	0.0	0.0%
93.8%	48.3	48.3	0.0	0.0%
95.1%	48.2	48.3	0.1	0.2%
96.3%	48.1	48.2	0.1	0.1%
97.5%	47.9	47.9	0.0	0.0%
98.8%	46.5	46.5	0.0	0.0%
100.0%	46.4	46.4	0.0	0.0%

May				
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)

Table SQ-38-9b
 Clear Creek at Mouth, Monthly Temperature
 Probability of Exceedance

June					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	65.8	65.7	-0.1	-0.2%	
1.2%	65.1	64.9	-0.2	-0.2%	
2.5%	64.9	64.4	-0.5	-0.1%	
3.7%	64.8	64.4	-0.4	-0.6%	
4.9%	64.4	64.3	-0.2	-0.3%	
6.2%	64.2	63.7	-0.5	-0.8%	
7.4%	63.8	63.7	-0.1	-0.2%	
8.6%	63.7	63.5	-0.2	-0.4%	
9.9%	63.2	63.4	0.3	0.4%	
11.1%	62.9	63.1	0.2	0.3%	
12.3%	62.8	62.8	0.0	0.0%	
13.6%	62.6	61.5	-1.1	-1.7%	
14.8%	61.6	61.5	-0.1	-0.1%	
16.0%	61.5	61.3	-0.2	-0.4%	
17.3%	61.3	61.2	-0.2	-0.3%	
18.5%	61.3	61.1	-0.1	-0.2%	
19.8%	61.2	61.0	-0.2	-0.3%	
21.0%	60.9	61.0	0.0	0.1%	
22.2%	60.8	60.6	-0.2	-0.3%	
23.5%	60.6	60.6	0.0	0.0%	
24.7%	60.6	60.6	0.0	0.0%	
25.9%	60.5	60.5	0.0	0.0%	
27.2%	60.4	60.5	0.1	0.1%	
28.4%	60.3	60.4	0.1	0.2%	
29.6%	60.1	60.1	0.0	0.0%	
30.9%	60.1	60.1	0.0	0.0%	
32.1%	60.0	59.9	-0.1	-0.2%	
33.3%	59.8	59.8	0.0	-0.1%	
34.5%	59.8	59.7	0.0	-0.1%	
35.8%	59.7	59.7	0.0	0.0%	
37.0%	59.6	59.7	0.0	0.0%	
38.3%	59.6	59.5	-0.1	-0.2%	
39.5%	59.5	59.5	0.0	0.0%	
40.7%	59.5	59.4	-0.1	-0.1%	
42.0%	59.4	59.4	0.0	0.0%	
43.2%	59.3	59.4	0.0	0.1%	
44.4%	59.2	59.2	0.0	0.0%	
45.7%	59.2	59.2	0.0	-0.1%	
46.9%	59.0	59.1	0.1	0.2%	
48.1%	58.9	59.0	0.1	0.2%	
49.4%	58.9	58.9	0.0	0.0%	
50.6%	58.9	58.8	0.0	0.0%	
51.9%	58.8	58.8	-0.1	-0.1%	
53.1%	58.8	58.7	0.0	0.0%	
54.3%	58.8	58.6	-0.2	-0.3%	
55.6%	58.7	58.5	-0.1	-0.2%	
56.8%	58.6	58.5	0.0	0.0%	
58.0%	58.5	58.5	0.0	-0.1%	
59.3%	58.3	58.3	0.0	0.0%	
60.5%	58.3	58.1	-0.2	-0.4%	
61.7%	58.2	58.1	-0.1	-0.1%	
63.0%	58.0	57.9	-0.1	-0.2%	
64.2%	57.9	57.9	0.0	0.0%	
65.4%	57.9	57.7	-0.2	-0.3%	
66.7%	57.7	57.7	-0.1	-0.1%	
67.9%	57.7	57.7	-0.1	-0.1%	
69.1%	57.6	57.7	0.1	0.2%	
70.4%	57.5	57.6	0.1	0.1%	
71.6%	57.5	57.6	0.1	0.2%	
72.8%	57.5	57.5	0.1	0.1%	
74.1%	57.4	57.5	0.1	0.2%	
75.3%	57.4	57.3	0.0	0.0%	
76.5%	57.3	57.3	0.0	0.0%	
77.8%	57.2	56.9	-0.3	-0.6%	
79.0%	56.9	56.8	-0.1	-0.2%	
80.2%	56.9	56.8	-0.1	-0.2%	
81.5%	56.8	56.8	0.0	0.0%	
82.7%	56.7	56.5	-0.2	-0.4%	
84.0%	56.5	56.5	-0.1	-0.1%	
85.2%	56.3	56.3	0.0	0.0%	
86.4%	56.3	56.3	0.0	0.1%	
87.7%	56.3	56.1	-0.2	-0.4%	
88.9%	56.0	56.1	0.0	0.0%	
90.1%	55.9	56.0	0.1	0.1%	
91.4%	55.8	55.9	0.1	0.1%	
92.6%	55.8	55.9	0.1	0.2%	
93.8%	55.2	55.2	0.0	0.1%	
95.1%	54.7	54.7	0.0	0.1%	
96.3%	54.6	54.6	0.1	0.1%	
97.5%	54.5	54.5	0.0	0.0%	
98.8%	53.4	53.4	0.0	0.0%	
100.0%	51.9	51.9	0.0	0.0%	

July					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	83.4	83.0	-0.4	-0.5%	
1.2%	72.2	72.4	0.2	0.3%	
2.5%	71.5	71.3	-0.2	-0.2%	
3.7%	70.9	71.0	0.1	0.1%	
4.9%	70.6	70.6	0.0	0.0%	
6.2%	69.2	69.2	0.0	0.1%	
7.4%	68.8	68.7	-0.2	-0.3%	
8.6%	68.6	68.2	-0.5	-0.7%	
9.9%	68.1	67.9	-0.2	-0.3%	
11.1%	68.0	67.9	-0.1	-0.2%	
12.3%	67.9	67.8	-0.1	-0.1%	
13.6%	67.9	67.7	-0.2	-0.3%	
14.8%	67.7	67.4	-0.3	-0.4%	
16.0%	67.6	67.4	-0.2	-0.3%	
17.3%	67.5	67.3	-0.3	-0.4%	
18.5%	67.4	67.3	-0.1	-0.2%	
19.8%	67.4	67.3	-0.1	-0.2%	
21.0%	67.4	67.0	-0.4	-0.5%	
22.2%	67.4	66.9	-0.5	-0.7%	
23.5%	67.3	66.9	-0.5	-0.7%	
24.7%	67.1	66.9	-0.2	-0.3%	
25.9%	66.8	66.7	-0.1	-0.1%	
27.2%	66.8	66.7	-0.1	-0.1%	
28.4%	66.8	66.7	-0.1	-0.1%	
29.6%	66.7	66.7	0.0	0.0%	
30.9%	66.7	66.6	-0.1	-0.2%	
32.1%	66.6	66.6	-0.1	-0.1%	
33.3%	66.6	66.6	-0.1	-0.1%	
34.5%	66.6	66.5	-0.1	-0.1%	
35.8%	66.5	66.5	-0.1	-0.1%	
37.0%	66.5	66.4	-0.1	-0.2%	
38.3%	66.4	66.2	-0.2	-0.4%	
39.5%	66.4	66.1	-0.3	-0.4%	
40.7%	66.3	65.9	-0.4	-0.6%	
42.0%	66.1	65.9	-0.2	-0.3%	
43.2%	66.0	65.8	-0.3	-0.4%	
44.4%	65.6	65.5	-0.1	-0.2%	
45.7%	65.6	65.5	-0.1	-0.1%	
46.9%	65.5	65.5	0.0	0.0%	
48.1%	65.4	65.4	0.0	0.0%	
49.4%	65.2	65.3	0.1	0.1%	
50.6%	65.2	65.3	0.1	0.2%	
51.9%	65.1	64.9	-0.1	-0.2%	
53.1%	64.9	64.8	-0.1	-0.2%	
54.3%	64.9	64.8	-0.1	-0.2%	
55.6%	64.9	64.6	-0.2	-0.3%	
56.8%	64.7	64.6	-0.1	-0.1%	
58.0%	64.7	64.6	-0.1	-0.2%	
59.3%	64.6	64.6	-0.1	-0.1%	
60.5%	64.6	64.5	-0.1	-0.2%	
61.7%	64.6	64.5	0.0	-0.1%	
63.0%	64.5	64.4	-0.1	-0.2%	
64.2%	64.5	64.3	-0.2	-0.3%	
65.4%	64.5	64.3	-0.2	-0.2%	
66.7%	64.4	64.3	-0.2	-0.2%	
67.9%	64.3	64.2	0.0	0.0%	
69.1%	64.2	64.1	-0.1	-0.2%	
70.4%	64.2	64.1	-0.1	-0.1%	
71.6%	64.2	64.1	-0.1	-0.1%	
72.8%	64.2	64.1	-0.1	-0.1%	
74.1%	64.2	64.0	-0.2	-0.3%	
75.3%	64.1	63.8	-0.2	-0.4%	
76.5%	63.9	63.8	-0.2	-0.2%	
77.8%	63.8	63.8	0.0	-0.1%	
79.0%	63.7	63.7	0.0	0.0%	
80.2%	63.3	63.7	0.4	0.6%	
81.5%	63.2	63.3	0.1	0.1%	
82.7%	63.0	63.2	0.3	0.4%	
84.0%	62.8	63.1	0.3	0.5%	
85.2%	62.8	62.8	0.0	0.1%	
86.4%	62.7	62.6	-0.2	-0.2%	
87.7%	62.5	62.5	0.0	-0.1%	
88.9%	62.2	62.4	0.2	0.3%	
90.1%	62.0	61.9	-0.1	-0.2%	
91.4%	61.7	61.8	0.0	0.1%	
92.6%	61.7	61.4	-0.3	-0.4%	
93.8%	61.2	61.2	0.0	0.0%	
95.1%	61.1	60.6	-0.5	-0.8%	
96.3%	60.7	60.7	0.0	0.0%	
97.5%	60.5	60.3	-0.1	-0.2%	
98.8%	59.5	59.4	-0.1	-0.2%	
100.0%	59.3	58.9	-0.4	-0.6%	

August					
Percent Exceedance Probability (%)	No Action Alternative Monthly Temperature (DEG-F)	Alternative D Monthly Temperature (DEG-F)	Absolute Difference (DEG-F)	Relative Difference (%)	
0.0%	74.0	73.1	-0.9	-1.2%	
1.2%	69.6	69.5	-0.1	-0.1%	
2.5%	68.6	67.7	-0.9	-1.4%	
3.7%	67.7	66.9	-0.7	-1.1%	
4.9%	66.8	66.5	-0.4	-0.6%	
6.2%	66.6	66.4	-0.1	-0.2%	
7.4%	66.5	66.4	-0.1	-0.1%	
8.6%	66.3	66.1	-0.2	-0.3%	
9.9%	66.3	65.9	-0.4	-0.6%	
11.1%	66.2	65.8	-0.4	-0.6%	
12.3%	66.2	65.2	-1.0	-1.5%	
13.6%	65.8	65.2	-0.6	-0.9%	
14.8%	65.1	65.1	0.0	-0.1%	
16.0%	65.0	65.1	0.0	0.1%	
17.3%	65.0	65.1	0.0	0.1%	
18.5%	64.9	64.9	0.0	-0.1%	
19.8%	64.9	64.9	0.0	0.0%	
21.0%	64.8	64.9	0.0	0.1%	
22.2%	64.8	64.9	0.0	0.1%	
23.5%	64.7	64.8	0.1	0.2%	
24.7%	64.7	64.8	0.0	0.1%	
25.9%	64.7	64.7	0.0	0.0%	
27.2%	64.7	64.7	0.0	0.0%	
28.4%	64.7	64.6	0.0	0.0%	
29.6%	64.7	64.4	-0.3	-0.5%	
30.9%	64.7	64.3	-0.3	-0.5%	
32.1%	64.3	64.3	0.0	0.0%	
33.3%	64.2	64.3	0.1	0.2%	
34.5%	64.2	64.2	0.2	0.3%	
35.8%	63.9	64.1	0.2	0.3%	
37.0%	63.8	64.0	0.2	0.2%	
38.3%	63.8	63.8	0.0	0.0%	
39.5%	63.7	63.8	0.0	0.0%	
40.7%	63.7	63.7	0.0	0.0%	
42.0%	63.5	63.7	0.2	0.2%	
43.2%	63.5	63.6	0.1	0.2%	
44.4%	63.3	63.5	0.2	0.3%	
45.7%	63.3	63.4	0.1	0.1%	
46.9%	63.3	63.1	-0.2	-0.3%	
48.1%	63.2	63.1	-0.1	-0.2%	
49.4%	63.0	63.2	0.2	0.3%	
50.6%	63.1	62.9	-0.2	-0.3%	
51.9%	63.1	62.9	-0.2	-0.4%	
53.1%	63.0	62.9	-0.1	-0.2%	
54.3%	62.8	62.8	0.0	0.0%	
55.6%	62.8	62.8	-0.1	-0.1%	
56.8%	62.8	62.7	-0.1	-0.1%	
58.0%	62.8	62.7	-0.1	-0.2%	
59.3%	62.8	62.7	-0.1	-0.2%	
60.5%	62.8	62.7	-0.1	-0.2%	
61.7%	62.7	62.7	-0.1	-0.1%	
63.0%	62.7	62.6	-0.1	-0.1%	
64.2%	62.7	62.6	-0.1	-0.1%	
65.4%	62.6	62.6	0.2	0.3%	
66.7%	62.4	62.5	0.2	0.3%	
67.9%	62.3	62.5	0.2	0.3%	
69.1%	62.1	62.5	0.4	0.6%	
70.4%	62.1	62.3	0.2	0.4%	
71.6%	62.0	62.1	0.1	0.1%	
72.8%	62.0	62.1	0.1	0.2%	
74.1%	61.9	62.1	0.2	0.3%	
75.3%	61.7	62.0	0.3	0.5%	
76.5%	61.6	61.8	0.2	0.3%	
77.8%	61.5	61.5	0.0	-0.1%	
79.0%	61.4	61.4	0.0	0.1%	
80.2%	61				