

**Appendix 11D Fisheries Water Temperature
Assessment**

ADMIN DRAFT

Appendix 11D Fisheries Water Temperature Assessment

11D.1 Introduction

This appendix provides the results for a specific analysis of potential water temperature effects on fish in waterways upstream of the Delta. For each fish species and life stage, the analysis evaluated the frequency (and magnitude for salmonids and green sturgeon) of occurrence of daily or monthly water temperature model outputs above a specific water temperature index value or outside a specific water temperature index range during different times of year and in locations that overlap with the fish presence. The water temperature index values used in the analysis were derived from the scientific literature and are provided in Appendix 11B, *Upstream Fisheries Impact Assessment Quantitative Methods*, Table 11B-1.

11D.2 Results

This appendix presents results in Tables 11D-1 through 11D-318. The analysis supported by these results can be found in Chapter 11, *Aquatic Biological Resources*, Section 11.4, *Impact Analysis and Mitigation Measures*.

The tables in this appendix utilize the following abbreviations:

Water Year Type:

- W: Wet
- AN: Above Normal
- BN: Below Normal
- D: Dry
- C: Critical
- All: All years combined

NA: not applicable

NAA: No Action Alternative¹

Months are indicated by a numeric value, 1–12. For example, January is 1, and December is 12.

¹ The term *NAA*, which is identical to the No Project Alternative, is used throughout Chapter 11, *Aquatic Biological Resources*, and associated aquatic resources appendices in the presentation of modeled results and represents no material difference from the No Project Alternative, as discussed in Chapter 3, *Environmental Analysis*.

11D.2.1. Winter-Run Chinook Salmon

11D.2.1.1 Sacramento River

Table 11D-1. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Keswick, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
4	AN	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0
4	BN	-0.5	-0.7	-0.7	0.5	0.1	0.1	0.1	0.2
4	D	2.0	0.7	2.0	0.4	0.0	0.1	0.0	0.0
4	C	-0.6	-0.8	-0.3	-1.4	0.1	0.3	0.1	0.3
4	All	0.3	0.0	0.3	0.1	0.1	0.2	0.1	0.2
5	W	-0.1	-0.9	-0.1	-0.6	0.0	0.0	0.0	0.0
5	AN	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.2	1.2	0.2	0.9	0.0	0.0	0.0	0.0
5	D	-1.8	-1.6	-2.0	-1.8	0.0	0.1	0.0	0.1
5	C	-0.8	0.3	0.0	-0.5	0.0	0.0	0.0	0.1
5	All	-0.5	-0.4	-0.4	-0.5	0.0	0.0	0.0	0.0
6	W	0.0	-0.1	0.0	-0.1	0.0	NA	0.0	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	-1.1	-0.9	-0.7	-0.7	0.1	0.0	-0.1	0.0
6	C	-7.5^	-3.3	-4.2	-6.1^	0.0	0.0	0.0	0.1
6	All	-1.3	-0.7	-0.8	-1.1	0.0	0.1	0.0	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	1.0*	1.0*	1.0*	1.0*
7	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.6	-0.8	-3.0	-1.2^	-1.7^	-1.2^	-2.7^
8	All	-0.1	-0.2	-0.1	-0.4	-1.0^	-1.5^	-1.0^	-2.6^
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	-0.2	0.0	-0.2	0.0	NA	0.0	NA
9	D	0.2	0.2	0.2	0.0	NA	NA	NA	NA
9	C	-5.6^	-9.4^	-6.4^	-10.0^	0.6*	0.9*	0.7*	-0.1
9	All	-0.8	-1.4	-0.9	-1.5	0.5*	0.7*	0.6*	0.0
10	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
10	D	-0.2	-0.2	-0.2	-0.4	0.1	0.3	0.2	0.2
10	C	-3.8	0.5	1.1	-3.8	0.1	0.0	0.0	-0.1
10	All	-0.6	0.0	0.2	-0.6	0.1	0.0	0.1	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-2. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Clear Creek, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.3	0.0	0.9	0.0	0.0	0.0	0.1
4	AN	0.0	-0.3	0.0	0.3	0.01	0.0	0.0	0.0
4	BN	-0.2	0.2	-0.2	0.5	0.00	0.0	0.0	0.1
4	D	2.6	4.6	2.6	4.6	0.02	0.0	0.0	0.0
4	C	0.8	0.3	0.0	0.0	-0.06	0.0	0.0	0.0
4	All	0.7	1.1	0.5	1.4	0.01	0.0	0.0	0.0
5	W	0.1	-0.7	0.1	-0.6	-0.01	-0.1	0.0	-0.1
5	AN	0.5	0.3	0.5	0.0	-0.01	0.0	0.0	0.0
5	BN	0.0	0.9	0.0	0.9	0.00	0.1	0.0	0.1
5	D	0.5	0.5	0.5	0.9	-0.06	0.0	-0.1	0.0
5	C	-3.8	-2.2	-2.4	-3.0	0.10	0.1	0.1	0.2
5	All	-0.3	-0.2	-0.1	-0.3	0.00	0.0	0.0	0.0
6	W	-0.5	-0.4	-0.5	-0.5	0.0	0.1	0.0	0.1
6	AN	0.0	3.1	0.0	4.4	0.00	0.1	0.0	0.1
6	BN	0.5	0.7	0.5	6.2*	-0.03	0.0	0.1	0.0
6	D	0.6	0.6	0.4	1.3	-0.28	-0.3	-0.3	-0.5
6	C	-4.7	0.8	-0.6	-2.2	-0.05	0.0	0.0	0.0
6	All	-0.7	0.7	-0.1	1.5	-0.06	0.0	0.0	-0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.1	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.3	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	-0.07	-0.1	-0.1	-0.1
7	C	1.1	1.9	1.3	0.5	-0.07	-0.1	-0.1	-0.1
7	All	0.2	0.3	0.2	0.2	-0.07	-0.1	-0.1	-0.1
8	W	0.0	0.0	0.0	0.0	0.00	-0.2	0.0	0.0
8	AN	0.0	0.0	0.0	1.9	NA	NA	NA	NA
8	BN	-0.2	-0.2	0.0	3.5	0.00	0.0	0.0	0.2
8	D	-0.2	-0.2	-0.2	-0.4	0.02	0.0	0.0	0.0
8	C	-9.1^	-8.6^	-9.7^	-11.6^	-0.08	-0.3	-0.1	-0.6^
8	All	-1.4	-1.3	-1.5	-0.9	-0.09	-0.3	-0.1	-0.7^
9	W	-0.1	-0.1	-0.1	-0.1	0.00	0.0	0.0	0.0
9	AN	0.0	-0.3	0.0	-0.8	0.00	-0.2	0.0	-0.4
9	BN	-0.5	-2.1	0.0	-1.4	0.01	0.1	0.0	0.0
9	D	-1.3	-1.3	-1.5	-1.5	-0.02	-0.1	0.0	-0.1
9	C	-6.4^	-7.2^	-4.4	-8.6^	-0.08	-0.2	-0.1	-0.4
9	All	-1.3	-1.8	-1.0	-2.0	-0.06	-0.1	-0.1	-0.2
10	W	0.4	0.0	0.2	0.4	-0.06	0.0	0.0	0.0
10	AN	-1.2	-1.5	-1.5	-2.9	-0.01	0.0	0.0	0.0
10	BN	-0.2	-0.2	-0.2	-0.9	0.04	0.0	0.1	0.1
10	D	-0.4	-2.0	-0.7	-1.8	0.05	0.1	0.1	0.1
10	C	-8.6^	-2.4	-2.7	-5.9^	0.18	0.1	0.1	0.0
10	All	-1.4	-1.0	-0.7	-1.7	0.08	0.1	0.1	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-3. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Keswick, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.2	0.5	0.2	1.0	0.1	0.1	0.1	0.3
4	D	0.2	1.1	0.2	-0.7	0.0	-0.1	0.0	-0.1
4	C	0.0	0.0	0.0	-0.3	0.0	0.3	0.0	0.2
4	All	0.1	0.3	0.1	0.0	0.1	0.1	0.1	0.2
5	W	-0.1	-0.6	0.0	-0.9	0.0	0.1	0.0	0.1
5	AN	0.0	0.0	0.0	-0.3	0.00	0.0	0.0	0.1
5	BN	-0.2	-0.5	-0.5	0.0	0.02	0.2	0.0	0.0
5	D	-0.5	0.0	-0.5	-0.2	0.09	0.1	0.1	0.0
5	C	-0.5	0.3	-0.5	0.0	0.04	0.1	0.0	0.2
5	All	-0.3	-0.2	-0.3	-0.4	0.01	0.1	0.0	0.0
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	-0.6	-0.6	-0.9	-0.6	0.06	-0.1	-0.1	-0.2
6	C	-2.5	0.6	0.0	1.9	0.00	0.0	0.0	0.0
6	All	-0.5	0.0	-0.2	0.2	0.05	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.6	-0.8	-3.0	-1.16 [^]	-1.8 [^]	-1.2 [^]	-2.9 [^]
8	All	-0.1	-0.2	-0.1	-0.4	-0.94 [^]	-1.6 [^]	-1.0 [^]	-2.7 [^]
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.30	-1.2 [^]	-0.3	-3.3 [^]
9	All	0.0	0.0	0.0	0.0	-0.30	-1.2 [^]	-0.3	-3.3 [^]
10	W	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.4	0.2	0.2	NA	NA	NA	NA
10	C	0.0	-1.6	-0.3	-9.1 [^]	0.06	0.1	0.1	0.5
10	All	0.0	-0.2	0.0	-1.3	0.11	0.1	0.1	0.4

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-4. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Clear Creek, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	-0.3	0.1	0.0	0.6	0.0	0.0	0.0	0.1
4	AN	0.0	-0.3	0.0	0.3	0.00	0.0	0.0	0.0
4	BN	-0.5	-0.2	-0.2	-0.2	0.01	0.0	0.0	0.1
4	D	1.5	2.2	1.5	3.1	0.06	0.0	0.1	0.0
4	C	0.8	0.8	0.6	0.3	-0.07	0.0	0.0	0.0
4	All	0.3	0.6	0.4	0.9	0.03	0.0	0.0	0.0
5	W	0.0	-1.2	0.0	-1.1	-0.01	-0.1	0.0	-0.1
5	AN	0.0	0.3	0.0	-0.8	0.01	0.0	0.0	0.0
5	BN	0.0	0.9	0.0	1.2	-0.01	0.1	0.0	0.0
5	D	0.0	0.9	-0.2	0.7	-0.04	0.0	0.0	0.0
5	C	-1.3	-1.1	-0.3	-1.6	0.02	0.1	0.0	0.2
5	All	-0.2	-0.2	-0.1	-0.4	-0.01	0.0	0.0	0.0
6	W	0.1	0.4	0.0	0.3	0.0	0.0	0.0	0.0
6	AN	0.0	1.4	0.0	2.5	0.00	0.2	0.0	0.2
6	BN	0.0	0.5	0.7	3.3	0.00	-0.1	-0.2	-0.1
6	D	0.4	0.2	0.4	0.7	-0.28	-0.2	-0.4	-0.4
6	C	-5.3^	0.8	0.0	-2.5	-0.03	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	-0.7	0.6	0.2	0.8	-0.06	0.0	0.0	-0.1
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	-0.2	-0.2	0.00	0.0	0.2	0.2
7	C	-0.5	0.0	-0.5	-0.8	0.08	0.0	0.1	0.1
7	All	-0.1	0.0	-0.1	-0.2	0.06	0.0	0.1	0.1
8	W	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.8	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	2.1	NA	NA	NA	NA
8	D	-0.2	-0.4	-0.4	0.0	0.00	0.0	0.0	0.3
8	C	-7.3^	-7.3^	-9.4^	-9.7^	-0.12	-0.4	0.0	-0.7^
8	All	-1.1	-1.1	-1.5	-0.9	-0.13	-0.4	0.0	-0.8^
9	W	-0.1	-0.1	0.0	0.0	0.00	0.0	0.0	0.0
9	AN	0.3	-0.3	0.3	-0.8	-0.10	-0.1	-0.1	-0.6^
9	BN	0.5	-1.7	1.0	-1.4	-0.03	0.0	0.0	0.0
9	D	-0.6	-1.5	-0.6	0.0	-0.04	-0.1	0.0	-0.1
9	C	-6.9^	-6.4^	-5.6^	-8.6^	-0.07	-0.2	0.0	-0.4
9	All	-1.1	-1.6	-0.7	-1.6	-0.08	-0.2	-0.1	-0.3
10	W	0.5	0.2	0.6	0.5	-0.12	-0.1	-0.2	-0.1
10	AN	0.3	0.3	0.3	-1.2	-0.03	0.0	0.0	-0.2
10	BN	0.0	-0.2	0.2	-0.7	0.05	0.0	0.0	0.1
10	D	-0.4	-1.1	-0.5	-2.5	0.07	0.1	0.1	0.2
10	C	-7.8^	-0.8	-1.3	-5.1^	0.17	0.0	0.1	-0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	All	-1.0	-0.3	0.0	-1.4	0.07	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-5. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River at Balls Ferry, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.1	0.0	1.2	0.00	0.03	0.00	0.06
4	AN	0.0	0.0	0.0	2.2	0.01	0.00	0.01	-0.04
4	BN	0.0	-0.2	0.0	0.0	0.00	0.04	0.00	0.11
4	D	2.2	3.0	2.2	3.5	0.04	0.08	0.04	0.04
4	C	4.7	1.9	-1.4	-1.7	-0.10	-0.03	0.07	0.06
4	All	1.2	0.9	0.3	1.2	0.00	0.04	0.02	0.05
5	W	0.0	-1.2	0.0	-1.0	0.00	-0.12	0.00	-0.11
5	AN	0.0	-0.5	0.0	-2.7	0.01	0.01	0.01	-0.03
5	BN	0.0	4.1	0.0	4.4	0.01	-0.02	0.01	-0.03
5	D	-0.2	1.4	-0.2	2.5	-0.02	0.02	-0.03	0.01
5	C	-1.9	-3.0	-2.4	-4.6	0.00	0.06	0.06	0.17
5	All	-0.3	0.1	-0.4	-0.1	0.00	-0.01	0.01	0.00
6	W	-0.6	-0.3	-0.6	0.0	0.00	0.01	0.00	0.00

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	AN	-0.3	9.7*	-0.6	10.6*	0.01	0.14	0.01	0.24
6	BN	0.0	3.1	0.0	12.1*	0.00	-0.01	0.02	0.09
6	D	0.9	2.0	1.1	10.2*	-0.01	-0.03	-0.03	-0.04
6	C	-0.8	1.1	-0.6	-1.7	-0.11	0.04	0.04	0.06
6	All	-0.2	2.5	-0.1	5.6*	-0.02	0.01	0.01	0.01
7	W	0.1	0.2	0.1	0.2	0.00	0.01	0.00	0.01
7	AN	0.5	7.0*	0.8	14.5*	0.00	0.13	0.00	0.39
7	BN	0.0	0.0	-0.7	3.2	0.00	0.00	-0.01	-0.02
7	D	-0.7	0.4	-0.5	3.9	0.01	0.00	0.00	0.06
7	C	0.3	0.5	0.5	3.5	0.00	0.03	0.02	0.03
7	All	0.0	1.3	0.0	4.1	0.00	0.01	0.01	0.04
8	W	-0.1	0.1	-0.4	-0.1	0.00	0.04	0.01	0.04
8	AN	5.4*	3.5	5.1*	17.2*	-0.01	0.00	0.00	0.11
8	BN	4.8	1.8	3.7	14.5*	0.03	0.02	0.03	0.13
8	D	1.1	1.1	1.4	8.2*	-0.01	0.00	-0.02	-0.05
8	C	-4.6	-5.6^	-5.1^	-6.5^	-0.30	-0.35	-0.31	-0.48
8	All	1.1	0.3	0.8	5.8*	-0.11	-0.12	-0.12	-0.16
9	W	0.0	0.3	0.0	0.3	-0.02	-0.06	-0.02	-0.04
9	AN	-0.6	-1.7	-0.8	-3.3	0.07	0.07	0.16	-0.08
9	BN	2.1	-0.7	2.1	2.6	-0.03	-0.05	-0.03	-0.12
9	D	-1.7	-2.2	-1.5	-2.8	0.00	-0.03	0.00	-0.02
9	C	-2.8	-2.5	-2.8	-6.1^	-0.24	-0.36	-0.19	-0.43
9	All	-0.5	-1.1	-0.5	-1.5	-0.10	-0.15	-0.08	-0.19
10	W	0.1	-0.1	0.1	0.0	0.03	0.02	0.03	0.06

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	AN	-2.1	-2.9	-2.1	-4.7	0.06	0.05	0.06	-0.25
10	BN	0.0	-0.5	0.0	-2.5	0.02	0.01	0.02	0.06
10	D	0.4	-0.4	0.0	-3.9	0.04	0.05	0.04	0.12
10	C	-10.2^	-3.0	-4.3	-7.8^	0.22	0.05	0.13	-0.01
10	All	-1.7	-1.0	-0.9	-3.1	0.09	0.06	0.08	0.09

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-6. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River at Bend Bridge, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.3	0.0	0.5	0.00	0.02	0.00	0.08
4	AN	-0.6	-0.6	-0.6	0.6	0.03	0.02	0.03	0.05
4	BN	0.5	0.0	0.2	0.7	-0.01	0.03	0.00	0.06
4	D	0.2	0.9	0.2	2.0	0.05	0.12	0.05	0.07
4	C	1.7	0.3	-1.1	-2.5	0.12	0.08	0.02	0.03
4	All	0.3	0.2	-0.2	0.4	0.04	0.06	0.02	0.06
5	W	0.0	-0.2	0.0	0.0	0.00	-0.16	0.00	-0.13
5	AN	-0.3	-1.9	-0.3	-1.9	0.02	0.05	0.02	-0.11
5	BN	0.0	1.2	0.0	1.6	0.00	0.19	0.00	0.19

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	-0.5	1.3	-0.5	3.0	-0.02	0.07	-0.02	0.10
5	C	0.5	0.0	1.3	-1.1	-0.01	0.03	-0.01	0.13
5	All	-0.1	0.1	0.0	0.5	0.00	0.02	0.00	0.02
6	W	0.0	-0.1	0.0	0.0	-0.01	0.01	-0.01	0.00
6	AN	0.0	1.1	0.0	1.1	0.01	0.41	0.01	0.55*
6	BN	0.0	0.7	0.5	3.1	-0.01	0.09	-0.01	0.46
6	D	-0.2	0.2	-0.2	2.0	0.01	0.04	0.01	0.24
6	C	0.0	1.1	0.0	1.1	-0.03	0.11	0.08	0.05
6	All	0.0	0.4	0.0	1.3	0.00	0.10	0.01	0.21
7	W	0.0	0.1	0.0	0.1	0.00	0.01	0.00	0.00
7	AN	0.3	0.0	1.3	2.7	0.03	0.15	0.03	0.54*
7	BN	1.2	0.5	0.9	2.3	0.03	0.01	0.02	0.13
7	D	0.0	0.0	0.0	-0.4	0.00	0.01	0.00	0.12
7	C	0.0	0.0	0.0	0.0	0.00	0.05	0.02	0.11
7	All	0.2	0.1	0.4	0.7	0.01	0.04	0.01	0.14
8	W	0.1	0.2	0.1	0.1	0.00	0.03	0.00	0.03
8	AN	1.3	-0.3	1.3	2.4	0.11	0.10	0.12	0.47
8	BN	0.2	0.2	0.2	0.5	0.13	0.04	0.10	0.27
8	D	0.0	0.0	0.0	0.0	0.02	0.02	0.01	0.08
8	C	0.0	0.0	0.0	-0.3	-0.46	-0.50	-0.47	-0.60^
8	All	0.3	0.1	0.3	0.4	-0.03	-0.04	-0.03	0.05
9	W	-0.1	0.5	-0.1	1.0	0.01	0.03	0.01	0.01
9	AN	3.6	-0.3	3.3	-7.2^	0.06	-0.01	0.07	-0.20
9	BN	1.2	1.2	1.4	2.1	0.05	-0.06	0.05	0.01

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	D	0.0	-0.4	0.0	-0.2	-0.03	-0.05	-0.03	-0.05
9	C	-1.4	-0.6	-1.4	-1.4	-0.33	-0.46	-0.29	-0.54 [^]
9	All	0.5	0.2	0.5	-0.6	-0.08	-0.13	-0.07	-0.13
10	W	0.5	0.0	0.5	0.2	0.01	0.00	0.01	0.02
10	AN	-5.3 [^]	-7.0 [^]	-4.4	-14.4 [^]	-0.04	-0.04	-0.06	-0.15
10	BN	0.2	-1.2	-0.2	-6.5 [^]	-0.02	-0.01	0.00	-0.06
10	D	2.2	1.1	2.0	-3.9	-0.01	-0.01	-0.02	-0.04
10	C	-5.6 [^]	-1.3	-1.9	-5.4 [^]	0.02	-0.05	0.01	-0.13
10	All	-0.9	-1.1	-0.3	-4.7	-0.02	-0.01	-0.01	-0.03

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-7. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Red Bluff Diversion Dam, 55.4°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.1	0.0	0.1	0.00	0.03	0.00	0.09
4	AN	-0.3	-0.3	-0.3	-0.6	0.01	0.01	0.01	0.09
4	BN	0.2	0.2	0.2	0.0	0.00	0.01	0.00	0.08
4	D	0.0	0.9	-0.2	0.7	0.03	0.11	0.04	0.09
4	C	2.8	2.8	2.2	1.9	0.07	0.00	-0.10	-0.13

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	All	0.4	0.7	0.3	0.4	0.02	0.04	0.00	0.05
5	W	0.2	0.2	0.1	0.2	0.00	-0.17	0.00	-0.13
5	AN	0.3	0.0	0.3	0.3	0.00	-0.02	0.00	-0.19
5	BN	-0.2	0.2	-0.2	0.7	0.01	0.23	0.01	0.24
5	D	0.0	0.7	0.0	1.4	-0.04	0.10	-0.04	0.19
5	C	-0.3	-0.8	0.5	0.3	0.05	0.09	0.05	0.12
5	All	0.0	0.2	0.1	0.6	0.00	0.02	0.00	0.03
6	W	0.0	0.0	0.0	0.0	-0.01	0.00	-0.01	-0.01
6	AN	0.0	0.6	0.3	0.6	0.01	0.45	-0.01	0.61*
6	BN	0.0	0.2	0.0	1.2	0.00	0.11	0.00	0.57*
6	D	0.2	0.2	0.2	0.7	0.00	0.03	-0.01	0.29
6	C	0.3	0.6	0.3	0.3	0.00	0.18	0.11	0.15
6	All	0.1	0.2	0.1	0.5	0.00	0.12	0.01	0.27
7	W	0.0	0.0	0.0	0.0	0.00	0.01	0.00	0.00
7	AN	0.0	0.0	0.0	-0.3	0.04	0.16	0.07	0.64*
7	BN	1.2	0.2	1.2	1.6	0.04	0.02	0.02	0.17
7	D	0.0	0.0	0.0	0.0	0.00	0.01	-0.01	0.13
7	C	0.0	0.0	0.0	0.0	0.00	0.06	0.03	0.15
7	All	0.2	0.0	0.2	0.2	0.01	0.04	0.01	0.17
8	W	0.0	0.0	0.0	0.0	0.00	0.04	0.00	0.04
8	AN	0.5	0.0	0.5	1.1	0.14	0.10	0.16	0.55*
8	BN	0.2	0.2	0.2	0.2	0.15	0.05	0.13	0.31
8	D	0.0	0.0	0.0	0.0	0.02	0.03	0.02	0.10
8	C	0.0	0.0	0.0	0.0	-0.51^	-0.53^	-0.52^	-0.63^

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	All	0.1	0.0	0.1	0.2	-0.03	-0.04	-0.03	0.07
9	W	0.5	1.0	0.3	0.4	-0.01	0.04	-0.01	0.04
9	AN	1.9	-0.8	1.9	1.7	0.10	0.01	0.12	-0.26
9	BN	0.0	0.0	0.0	0.0	0.09	-0.03	0.09	0.08
9	D	0.0	0.0	0.0	0.0	-0.02	-0.06	-0.02	-0.04
9	C	0.0	0.0	0.0	0.0	-0.46	-0.53^	-0.42	-0.63^
9	All	0.4	0.2	0.4	0.4	-0.06	-0.10	-0.05	-0.13
10	W	0.6	0.1	0.2	0.5	0.00	0.00	0.01	0.01
10	AN	-3.5	-5.9^	-3.8	-10.3^	-0.06	-0.08	-0.06	-0.27
10	BN	0.5	0.0	0.5	-7.1^	-0.01	-0.04	-0.01	-0.15
10	D	0.9	0.5	0.7	-0.7	0.02	0.01	0.02	-0.10
10	C	-0.8	-0.3	-0.5	-1.3	-0.15	-0.10	-0.06	-0.25
10	All	-0.1	-0.7	-0.3	-2.8	-0.03	-0.03	-0.01	-0.12

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-8. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Fry and Juvenile Rearing and Emigration, Sacramento River below Keswick, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.3	-0.8	-1.3	-1.80^	NA	-1.8^	NA
8	All	-0.1	-0.2	-0.1	-0.2	-1.80^	NA	-1.8^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	-0.8	0.0	-8.3^	-0.30	-1.0^	-0.3	NA
9	All	0.0	-0.1	0.0	-1.2	-0.30	-1.0^	-0.3	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.5	-2.4	0.00	-0.1	0.0	-0.7^
10	All	0.0	0.0	0.1	-0.4	0.00	-0.1	0.0	-0.7^
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-9. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Fry and Juvenile Rearing and Emigration, Sacramento River below Clear Creek, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.3	-2.2	-1.3	-3.0	-0.94 [^]	-1.6 [^]	-0.9 [^]	NA
8	All	-0.2	-0.3	-0.2	-0.4	-0.94 [^]	-1.6 [^]	-0.9 [^]	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.47	-1.3 [^]	-0.5	-3.1 [^]
9	All	0.0	0.0	0.0	0.0	-0.47	-1.3 [^]	-0.5	-3.1 [^]
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	0.04	0.0	0.1	-0.5
10	All	0.0	0.0	0.0	0.0	0.04	0.0	0.1	-0.5
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-10. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Fry and Juvenile Rearing and Emigration, Sacramento River at Balls Ferry, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.1	-2.2	-1.1	-3.5	-1.10^	-1.6^	-1.1^	NA
8	All	-0.2	-0.3	-0.2	-0.5	-1.10^	-1.57^	-1.10^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.60^	-1.3^	-0.6^	-2.9^
9	All	0.0	0.0	0.0	0.0	-0.60^	-1.33^	-0.60^	-2.90^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.5	0.5	0.5	0.3	-0.10	-0.1	0.0	-0.6^
10	All	0.1	0.1	0.1	0.0	-0.10	-0.14	-0.02	-0.57^
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-11. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Fry and Juvenile Rearing and Emigration, Sacramento River at Bend Bridge, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	-0.1	0.0	0.0	0.00	NA	0.00	0.00
7	AN	0.0	0.0	0.0	0.3	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	-0.2	-0.4	-0.4	-0.4	-0.10	0.23	0.23	0.23
7	C	0.5	0.5	0.5	0.0	-0.03	0.00	0.00	0.03
7	All	0.0	0.0	0.0	0.0	0.00	0.07	0.05	0.05
8	W	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
8	AN	0.0	0.0	0.0	0.5	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	2.1	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-2.2	-3.0	-2.4	-4.6	-0.55^	-1.03^	-0.46	-1.59^
8	All	-0.3	-0.4	-0.4	-0.2	-0.55^	-1.02^	-0.47	-1.58^
9	W	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.2	0.0	0.2	0.2	-0.17	0.00	-0.17	0.08
9	D	-0.4	-2.0	-0.4	-0.4	0.02	0.06	0.02	0.02
9	C	-4.7	-6.4^	-3.6	-6.4^	0.25	0.09	0.08	-0.43
9	All	-0.7	-1.4	-0.6	-1.0	0.04	0.03	-0.02	-0.37
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.5	0.0	0.5	-0.5	-0.04	-0.04	-0.04	-0.37
10	All	0.1	0.0	0.1	-0.1	-0.04	-0.04	-0.04	-0.37
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-12. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Fry and Juvenile Rearing and Emigration, Sacramento River below Red Bluff Diversion Dam, 61°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	-0.1	0.5	-0.1	0.5	0.01	-0.03	0.01	0.00
7	AN	0.0	0.0	0.0	7.0*	0.00	0.00	0.00	-0.44
7	BN	0.0	0.5	0.0	1.2	0.00	0.00	0.00	0.06
7	D	0.2	0.2	0.0	0.5	-0.05	-0.10	0.00	-0.27
7	C	0.0	1.6	0.3	1.9	0.03	0.02	0.04	0.00

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	All	0.0	0.5	0.0	1.8	0.02	-0.02	0.04	-0.10
8	W	0.0	0.2	0.0	0.2	0.00	-0.06	0.00	-0.06
8	AN	0.8	0.8	0.8	3.2	0.08	0.08	0.08	0.38
8	BN	2.5	0.9	2.5	4.1	0.19	0.05	0.19	0.61*
8	D	0.2	0.4	-0.2	0.7	-0.02	0.00	0.02	0.03
8	C	-14.0^	-12.9^	-14.2^	-16.9^	-0.09	-0.23	-0.11	-0.30
8	All	-1.5	-1.5	-1.6	-1.1	-0.11	-0.19	-0.11	-0.13
9	W	-0.1	-0.1	-0.1	-0.1	0.01	0.01	0.01	0.01
9	AN	-0.3	-0.6	-0.3	-1.7	0.05	-0.09	0.21	-0.29
9	BN	0.2	-1.4	0.0	-1.0	0.03	-0.06	0.05	0.01
9	D	-1.3	-2.4	-1.3	-1.7	0.03	0.01	0.03	0.05
9	C	-10.3^	-10.3^	-8.9^	-9.7^	-0.14	-0.25	-0.13	-0.34
9	All	-1.8	-2.4	-1.7	-2.2	-0.07	-0.13	-0.05	-0.14
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	-0.5	0.00	0.00	0.00	-0.50
10	D	-0.2	-0.2	-0.2	0.2	0.17	0.17	0.04	-0.03
10	C	-1.6	-1.6	0.0	-1.6	0.16	0.06	0.05	-0.17
10	All	-0.3	-0.3	0.0	-0.3	0.15	0.07	0.06	-0.17
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-13. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Fry and Juvenile Rearing and Emigration, Sacramento River at Hamilton City, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0
7	AN	0.3	3.8	0.3	10.8*	0.1	0.1	0.1	0.6*
7	BN	-0.2	-0.2	-0.5	1.4	0.0	0.1	0.0	0.1
7	D	-0.4	0.4	-0.5	1.4	0.0	0.0	0.1	0.0
7	C	0.8	3.0	0.8	6.2*	0.0	0.0	0.0	-0.1
7	All	0.0	1.1	0.0	3.1	0.0	0.0	0.0	0.0
8	W	-0.1	1.1	-0.1	1.0	0.0	0.0	0.0	0.0
8	AN	1.9	1.1	2.2	6.7*	-0.1	0.0	-0.1	0.0
8	BN	1.4	0.7	0.5	6.0*	0.2	0.0	0.2	0.3
8	D	-1.6	-0.9	-1.4	-1.3	0.0	0.0	0.0	0.1
8	C	-16.9^	-16.9^	-16.9^	-16.9^	-0.3	-0.2	-0.3	-0.3

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	All	-2.4	-2.0	-2.4	-0.4	-0.1	-0.1	-0.1	-0.1
9	W	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
9	AN	0.3	0.3	0.3	-0.3	0.5	0.0	0.5	NA
9	BN	0.0	-1.0	0.0	-0.7	0.1	-0.1	0.1	0.0
9	D	0.0	-0.2	0.0	0.0	0.0	-0.1	0.0	0.0
9	C	-11.7^	-11.9^	-11.1^	-10.6^	-0.1	-0.2	-0.1	-0.3
9	All	-1.7	-1.9	-1.6	-1.7	-0.1	-0.2	-0.1	-0.1
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	-0.3	-1.6	-0.5	-2.7	0.1	0.1	0.1	0.1
10	All	0.0	-0.2	-0.1	-0.4	0.1	0.1	0.1	0.1
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-14. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Adult Immigration, Sacramento River below Keswick, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-15. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Adult Immigration, Sacramento River at Bend Bridge, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-16. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Adult Immigration, Sacramento River below Red Bluff Diversion Dam, 68°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	-0.2	0.0	-0.2	0.0	NA	0.0	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	-0.1	0.0	-0.1	0.0	NA	0.0	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-17. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Adult Holding, Sacramento River below Keswick, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.3	-0.8	-1.3	-1.8 [^]	NA	-1.8 [^]	NA
8	All	-0.1	-0.2	-0.1	-0.2	-1.8 [^]	NA	-1.8 [^]	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-18. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Adult Holding, Sacramento River at Balls Ferry, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.2	NA	NA	NA	NA
4	D	-0.2	-0.4	-0.2	-0.6	0.1	-0.2	0.1	-0.2
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
4	All	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
5	W	0.1	-1.1	0.1	-1.2	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.5	0.0	0.0	0.0	-0.2	0.0	0.0
5	D	-0.2	0.2	-0.2	0.5	-0.6^	-0.5	-0.6^	-0.4
5	C	0.0	0.0	0.0	0.3	0.0	0.0	0.0	-0.1
5	All	0.0	-0.2	0.0	-0.2	-0.1	-0.2	-0.1	-0.2
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.2	-0.2	0.2	0.2	-0.2	-0.3	-0.3	-0.3
6	C	-0.3	0.0	0.3	0.6	-0.2	-0.3	-0.1	-0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	0.0	0.0	0.1	0.1	-0.2	-0.3	-0.3	-0.3
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.1	-2.2	-1.1	-3.5	-1.1 [^]	-1.6 [^]	-1.1 [^]	NA
8	All	-0.2	-0.3	-0.2	-0.5	-1.1 [^]	-1.6 [^]	-1.1 [^]	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-19. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Adult Holding, Sacramento River below Red Bluff Diversion Dam, 61°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.6	0.0	0.8	0.0	0.1	0.0	0.2
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.5	1.0	0.5	1.7	0.0	0.0	0.0	0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	1.3	2.4	1.3	1.7	-0.1	-0.1	-0.1	-0.1
4	C	-0.3	-0.8	-1.1	-0.6	0.0	0.1	0.1	0.0
4	All	0.3	0.8	0.2	0.8	0.0	0.0	0.0	0.0
5	W	0.2	-1.7	0.2	-1.2	0.0	-0.2	0.0	-0.3
5	AN	0.3	0.0	0.3	-2.7	0.0	0.0	0.0	0.0
5	BN	-0.2	3.0	0.0	3.7	0.0	0.0	0.0	-0.1
5	D	-0.2	1.8	-0.2	3.8	0.0	0.0	0.0	0.0
5	C	1.6	2.4	2.2	4.0	-0.1	0.0	-0.1	0.0
5	All	0.3	0.7	0.4	1.3	0.0	-0.1	0.0	-0.1
6	W	-0.5	-0.5	-0.5	-0.9	0.0	0.0	0.0	0.0
6	AN	0.0	6.1*	-0.3	11.1*	0.0	0.1	0.0	0.1
6	BN	0.0	1.4	0.5	7.4*	0.0	0.0	0.0	0.2
6	D	-0.4	0.4	0.2	2.0	0.0	-0.1	-0.1	-0.2
6	C	-1.9	3.9	0.8	1.9	0.1	0.1	0.2	0.2
6	All	-0.5	1.6	0.0	3.3	0.0	0.1	0.1	0.1
7	W	-0.1	0.5	-0.1	0.5	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	7.0*	0.0	0.0	0.0	-0.4
7	BN	0.0	0.5	0.0	1.2	0.0	0.0	0.0	0.1
7	D	0.2	0.2	0.0	0.5	0.0	-0.1	0.0	-0.3
7	C	0.0	1.6	0.3	1.9	0.0	0.0	0.0	0.0
7	All	0.0	0.5	0.0	1.8	0.0	0.0	0.0	-0.1
8	W	0.0	0.2	0.0	0.2	0.0	-0.1	0.0	-0.1
8	AN	0.8	0.8	0.8	3.2	0.1	0.1	0.1	0.4
8	BN	2.5	0.9	2.5	4.1	0.2	0.0	0.2	0.6*

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.2	0.4	-0.2	0.7	0.0	0.0	0.0	0.0
8	C	-14.0^	-12.9^	-14.2^	-16.9^	-0.1	-0.2	-0.1	-0.3
8	All	-1.5	-1.5	-1.6	-1.1	-0.1	-0.2	-0.1	-0.1

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-20. Water Temperature Exceedance Analysis Results by Tier and Period in which Water Temperatures Were Assumed to Be Managed at 53.5°F for Modeling Purposes, Sacramento River below Clear Creek

Tier	Month	Days	Difference in Percent of Days above 53.5°F ¹				Difference in Mean Degrees per Day above 53.5°F ²			
			Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	5	16-31	0.0	0.0	0.0	0.2	0.0	0.0	0.0	-0.1
1	6	1-15	-0.1	0.1	-0.1	0.3	0.0	0.0	0.0	0.1
1	6	16-30	-0.3	1.1	-0.3	2.4	0.0	0.0	0.0	0.0
1	7	1-15	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	7	16-31	0.0	0.0	0.0	0.2	NA	NA	NA	NA
1	8	1-15	-0.2	-0.2	-0.2	1.7	0.0	0.0	-0.1	-0.1
1	8	16-31	-0.1	0.0	-0.3	0.2	0.0	0.1	-0.1	0.0
1	9	1-15	-0.3	-1.5	-0.3	-0.6	0.0	0.0	0.0	0.0
1	9	16-30	-0.3	-0.3	-0.5	-1.1	0.0	-0.1	0.0	0.0
1	10	1-15	-0.2	-1.3	-0.2	-0.1	0.0	0.1	0.0	0.0

Tier	Month	Days	Difference in Percent of Days above 53.5°F ¹				Difference in Mean Degrees per Day above 53.5°F ²			
			Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	10	16-31	0.3	0.1	-0.1	-0.2	0.0	0.0	0.0	0.0
2	7	1-15	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	7	16-31	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	8	1-15	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
2	8	16-31	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	9	1-15	-1.8	-1.8	-1.8	-1.2	0.0	0.0	0.0	0.0
2	9	16-30	-0.6	0.0	-0.6	-0.6	0.0	-0.1	0.0	-0.2
2	10	1-15	-3.6	-3.6	-3.6	-7.3 [^]	0.2	0.2	0.2	0.2
2	10	16-31	-4.5	-5.1 [^]	-4.0	-8.5 [^]	0.0	0.0	0.0	0.0
3	7	16-31	0.0	0.0	0.0	0.9	0.0	0.0	0.0	-0.1
3	8	1-15	-5.7 [^]	-5.7 [^]	-5.7 [^]	-7.6 [^]	0.0	-0.1	-0.1	0.0
3	8	16-31	-6.3 [^]	-4.5	-6.3 [^]	-8.0 [^]	0.0	-0.1	-0.1	-0.1
3	9	1-15	-10.5 [^]	-10.5 [^]	-8.6 [^]	-14.3 [^]	-0.1	-0.2	-0.2	-0.2
4	7	16-31	0.0	0.0	0.0	-3.1	-0.1	-0.1	-0.1	-0.1
4	8	1-15	3.3	3.3	3.3	10.0 [*]	0.3	0.3	0.3	0.2
4	8	16-31	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	9	1-15	0.0	-3.3	0.0	-3.3	0.0	0.0	0.1	-0.2

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded 53.5°F; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-21. Water Temperature Exceedance Analysis Results by Tier and Period in which Water Temperatures Were Assumed to Be Managed at 56°F for Modeling Purposes, Sacramento River below Clear Creek

Tier	Month	Days	Difference in Percent of Days above 56°F ¹				Difference in Mean Degrees per Day above 56°F ²			
			Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	5	16-31	0.0	-1.1	0.0	-1.1	0.0	-0.1	NA	NA
2	6	1-15	0.0	0.0	0.0	0.0	NA	NA	0.0	-0.1
2	6	16-30	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	5	16-31	-0.9	-0.9	-2.7	-0.9	-0.2	-0.2	0.0	-0.1
3	6	1-15	-3.8	-3.8	-3.8	-5.7 [^]	0.0	0.0	NA	-0.7 [^]
3	6	16-30	1.9	0.0	1.9	-5.7 [^]	-0.1	0.1	-0.1	-0.1
3	7	1-15	0.0	0.0	0.0	1.0	NA	NA	0.1	0.1
3	9	16-30	-4.8	-6.7 [^]	-1.9	-8.6 [^]	0.0	0.0	0.1	0.2
3	10	1-15	-1.0	0.0	-1.9	-4.8	0.0	-0.1	-0.1	0.1
3	10	16-31	5.4 [*]	3.6	2.7	-4.5	-0.2	-0.3	0.0	0.1
4	5	16-31	-9.4 [^]	-9.4 [^]	-9.4 [^]	-9.4 [^]	-0.3	-0.3	0.0	0.0
4	6	1-15	3.3	3.3	0.0	0.0	0.1	0.1	-0.3	-0.3
4	6	16-30	-3.3	-6.7 [^]	-3.3	-6.7 [^]	0.0	-0.1	0.2	0.2
4	7	1-15	0.0	0.0	0.0	6.7 [*]	0.0	0.0	-0.1	-0.1
4	9	16-30	3.3	3.3	3.3	0.0	NA	NA	NA	NA
4	10	1-15	3.3	3.3	6.7 [*]	-3.3	0.1	0.1	NA	NA
4	10	16-31	0.0	0.0	0.0	0.0	0.2	0.1	1.1 [*]	1.0 [*]

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded 56°F; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.1.2 Feather River

Table 11D-22. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Non-Natal Rearing and Emigration, Feather River above Thermalito Afterbay, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	-7.1 [^]	0.0	0.0	0.0	NA
9	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	C	-8.3 [^]	0.0	-8.3 [^]	0.0	0.8 [*]	0.0	0.8 [*]	0.2
9	All	-1.2	0.0	-1.2	-1.2	0.4	0.0	0.4	0.5 [*]
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-23. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Non-Natal Rearing and Emigration, Feather River at Gridley, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
7	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	D	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.1

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
8	C	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	-0.1	-0.3	-0.2	-0.2
9	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
9	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	-0.1
9	D	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
9	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
10	All	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.1.3 American River

Table 11D-24. Water Temperature Indicator Value Analysis Results, Winter-Run Chinook Salmon, Non-Natal Rearing and Emigration, American River at Watt Avenue, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.3	0.0	0.5	0.0	0.1	0.0	0.2
7	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
7	D	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
7	C	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
7	All	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
8	D	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	C	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.3
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	-0.3	0.0	0.3	0.0	-0.1	0.0	0.0
9	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
9	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
9	C	0.0	0.0	0.0	-1.1	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
10	W	-0.1	-0.1	-0.2	-0.4	0.0	0.0	0.0	0.1
10	AN	-0.3	-1.8	-0.3	-4.7	0.0	0.0	0.0	0.2
10	BN	-0.2	-1.4	-0.9	-2.8	0.0	0.0	0.0	0.0
10	D	-0.2	-0.2	-0.2	-0.9	0.0	0.0	0.0	0.0
10	C	3.0	-0.8	1.6	-1.3	-0.1	0.0	-0.1	-0.1
10	All	0.3	-0.7	-0.1	-1.6	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.3	0.0	-0.3	-0.3	0.0	0.0	NA	NA
11	All	0.0	0.0	0.0	0.0	-0.1	0.0	0.2	0.2
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	C	0.3	0.6	0.3	1.4	0.0	-0.1	0.0	-0.1
4	All	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.2. Spring-Run Chinook Salmon

11D.2.2.1 Sacramento River

Table 11D-25. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Keswick, 53.5°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.6	-0.8	-3.0	-1.2^	-1.7^	-1.2^	-2.7^
8	All	-0.1	-0.2	-0.1	-0.4	-1.2^	-1.7^	-1.2^	-2.7^
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	-0.2	0.0	-0.2	0.0	NA	0.0	NA
9	D	0.2	0.2	0.2	0.0	NA	NA	NA	NA
9	C	-5.6^	-9.4^	-6.4^	-10.0^	0.6*	0.9*	0.7*	-0.1
9	All	-0.8	-1.4	-0.9	-1.5	0.3	0.5	0.4	-0.2
10	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
10	D	-0.2	-0.2	-0.2	-0.4	0.1	0.3	0.2	0.2
10	C	-3.8	0.5	1.1	-3.8	0.1	0.0	0.0	-0.1
10	All	-0.6	0.0	0.2	-0.6	0.1	0.0	0.0	0.0
11	W	-0.9	-1.3	-0.9	-1.7	0.0	0.0	0.0	0.0
11	AN	-1.2	-0.9	-1.2	2.4	0.0	0.0	0.0	-0.1
11	BN	0.2	-1.7	0.7	-1.2	0.0	0.0	0.0	0.0
11	D	-0.4	0.6	0.0	-2.6	0.0	0.0	0.0	0.0
11	C	-0.6	0.3	-0.6	0.6	0.1	0.1	0.1	0.1
11	All	-0.6	-0.7	-0.4	-0.9	0.0	0.0	0.0	0.0
12	W	-0.5	-1.1	-0.4	-1.7	0.0	0.1	0.0	0.1
12	AN	-0.9	0.6	-0.3	-1.5	-0.1	-0.1	-0.1	-0.1
12	BN	-0.2	0.0	0.0	-0.9	-0.1	0.0	-0.1	-0.1
12	D	-0.4	-1.1	0.0	-2.7	0.0	-0.1	-0.1	-0.1
12	C	2.4	0.8	1.3	1.9	0.0	0.0	0.0	0.0
12	All	0.0	-0.4	0.0	-1.2	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-26. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Clear Creek, 53.5°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	0.0
8	AN	0.0	0.0	0.0	1.9	NA	NA	NA	NA
8	BN	-0.2	-0.2	0.0	3.5	0.0	0.0	0.0	0.2
8	D	-0.2	-0.2	-0.2	-0.4	0.0	0.0	0.0	0.0
8	C	-9.1^	-8.6^	-9.7^	-11.6^	-0.1	-0.3	-0.1	-0.6^
8	All	-1.4	-1.3	-1.5	-0.9	-0.1	-0.3	-0.1	-0.7^
9	W	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0
9	AN	0.0	-0.3	0.0	-0.8	0.0	-0.2	0.0	-0.4
9	BN	-0.5	-2.1	0.0	-1.4	0.0	0.1	0.0	0.0
9	D	-1.3	-1.3	-1.5	-1.5	0.0	-0.1	0.0	-0.1
9	C	-6.4^	-7.2^	-4.4	-8.6^	-0.1	-0.2	-0.1	-0.4
9	All	-1.3	-1.8	-1.0	-2.0	-0.1	-0.1	-0.1	-0.2
10	W	0.4	0.0	0.2	0.4	-0.1	0.0	0.0	0.0
10	AN	-1.2	-1.5	-1.5	-2.9	0.0	0.0	0.0	0.0
10	BN	-0.2	-0.2	-0.2	-0.9	0.0	0.0	0.1	0.1
10	D	-0.4	-2.0	-0.7	-1.8	0.1	0.1	0.1	0.1
10	C	-8.6^	-2.4	-2.7	-5.9^	0.2	0.1	0.1	0.0
10	All	-1.4	-1.0	-0.7	-1.7	0.1	0.1	0.1	0.0
11	W	-0.4	-0.4	-0.5	-0.9	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	-1.8	-2.4	-2.1	2.1	0.0	0.0	0.0	-0.1
11	BN	-0.5	-1.2	-0.7	1.4	0.0	0.0	0.0	0.0
11	D	0.0	1.5	0.0	-0.2	0.0	0.0	0.0	0.0
11	C	1.4	1.7	1.9	3.1	0.1	0.1	0.0	0.1
11	All	-0.2	-0.1	-0.3	0.7	0.0	0.0	0.0	0.0
12	W	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
12	AN	-0.6	-0.6	-0.6	-1.8	0.0	0.0	0.0	0.0
12	BN	-0.5	0.0	-0.5	-0.9	0.0	0.0	0.0	0.0
12	D	-1.3	-2.0	-1.3	-3.8	0.0	0.0	0.0	0.0
12	C	-0.3	-1.3	-0.5	2.2	0.1	0.1	0.1	-0.1
12	All	-0.5	-0.7	-0.5	-1.0	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-27. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Balls Ferry, 53.5°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	-0.4	0.9	-0.2	0.7	0.0	0.0	0.0	0.0
8	AN	3.2	1.3	2.2	14.8*	0.0	0.0	0.0	0.1
8	BN	2.1	0.9	1.2	11.5*	0.1	0.0	0.1	0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.4	0.9	0.4	6.8*	0.0	0.0	0.0	-0.1
8	C	-8.6^	-8.9^	-8.1^	-11.8^	-0.2	-0.3	-0.3	-0.4
8	All	-0.5	-0.5	-0.7	4.1	-0.1	-0.1	-0.1	-0.2
9	W	0.3	0.5	0.3	0.4	-0.1	-0.1	-0.1	-0.1
9	AN	0.6	-0.6	0.6	-2.8	-0.1	-0.1	0.0	-0.2
9	BN	2.1	-2.4	2.4	2.9	0.0	0.0	0.0	-0.1
9	D	-1.5	-2.2	-1.5	-2.6	0.0	0.0	0.0	0.0
9	C	-2.5	-1.4	-2.5	-5.8^	-0.2	-0.4	-0.2	-0.4
9	All	-0.2	-1.0	-0.1	-1.2	-0.1	-0.1	-0.1	-0.2
10	W	0.6	0.0	0.5	0.5	0.0	0.0	0.0	0.0
10	AN	-5.3^	-6.7^	-3.8	-10.9^	0.0	0.0	0.0	-0.1
10	BN	-1.4	-2.8	-1.8	-7.1^	0.0	0.1	0.1	0.1
10	D	1.3	-0.5	0.9	-6.3^	0.0	0.0	0.0	0.0
10	C	-5.9^	-1.9	-2.7	-5.4^	0.0	0.0	0.1	-0.1
10	All	-1.4	-1.8	-0.9	-4.7	0.0	0.0	0.0	0.1
11	W	-0.3	-0.3	-0.5	-0.6	0.0	0.0	0.0	0.0
11	AN	-2.4	-2.4	-3.0	-1.2	0.0	0.0	0.0	0.0
11	BN	1.7	1.4	1.7	3.6	0.0	0.0	0.0	0.0
11	D	1.1	0.4	1.5	2.0	0.0	0.0	0.0	0.0
11	C	1.4	1.7	0.6	3.3	0.1	0.0	0.0	0.0
11	All	0.3	0.2	0.1	1.2	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
12	AN	-0.3	0.0	-0.3	-0.3	-0.1	-0.1	-0.1	-0.1
12	BN	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	-0.4	-0.2	-0.2	-0.2	-0.4
12	C	0.5	0.0	0.0	-0.3	0.2	0.0	0.0	-0.2
12	All	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-28. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River below Keswick, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.6	-0.8	-3.0	-1.2^	-1.8^	-1.2^	-2.9^
8	All	-0.1	-0.2	-0.1	-0.4	-1.2^	-1.8^	-1.2^	-2.9^
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.3	-1.2^	-0.3	-3.3^

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	0.0	0.0	0.0	0.0	-0.3	-1.2^	-0.3	-3.3^
10	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.4	0.2	0.2	NA	NA	NA	NA
10	C	0.0	-1.6	-0.3	-9.1^	0.1	0.1	0.1	0.5
10	All	0.0	-0.2	0.0	-1.3	0.1	0.1	0.1	0.3
11	W	-0.3	0.1	-0.3	-0.1	0.1	0.0	0.1	0.0
11	AN	-0.3	-0.9	-0.3	-0.9	0.0	NA	0.0	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	-0.2	0.0	0.4	0.0	0.0	0.0	0.0
11	C	4.2	2.2	0.3	2.2	0.0	0.0	0.1	0.0
11	All	0.5	0.2	-0.1	0.2	0.0	0.1	0.1	0.0
12	W	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.3	-0.1	-0.1	-0.1	-0.2
12	BN	-0.2	0.0	-0.2	-0.5	0.0	0.0	0.0	-0.2
12	D	0.0	0.0	0.0	-0.4	-0.2	-0.2	-0.2	-0.4
12	C	1.1	-0.3	0.0	-1.1	0.1	0.0	0.0	0.1
12	All	0.2	0.0	0.0	-0.2	-0.1	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-29. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River below Clear Creek, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.8	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	2.1	NA	NA	NA	NA
8	D	-0.2	-0.4	-0.4	0.0	0.0	0.0	0.0	0.3
8	C	-7.3 [^]	-7.3 [^]	-9.4 [^]	-9.7 [^]	-0.1	-0.4	0.0	-0.7 [^]
8	All	-1.1	-1.1	-1.5	-0.9	-0.1	-0.4	0.0	-0.8 [^]
9	W	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.3	-0.3	0.3	-0.8	-0.1	-0.1	-0.1	-0.6 [^]
9	BN	0.5	-1.7	1.0	-1.4	0.0	0.0	0.0	0.0
9	D	-0.6	-1.5	-0.6	0.0	0.0	-0.1	0.0	-0.1
9	C	-6.9 [^]	-6.4 [^]	-5.6 [^]	-8.6 [^]	-0.1	-0.2	0.0	-0.4
9	All	-1.1	-1.6	-0.7	-1.6	-0.1	-0.2	-0.1	-0.3
10	W	0.5	0.2	0.6	0.5	-0.1	-0.1	-0.2	-0.1
10	AN	0.3	0.3	0.3	-1.2	0.0	0.0	0.0	-0.2
10	BN	0.0	-0.2	0.2	-0.7	0.0	0.0	0.0	0.1
10	D	-0.4	-1.1	-0.5	-2.5	0.1	0.1	0.1	0.2
10	C	-7.8 [^]	-0.8	-1.3	-5.1 [^]	0.2	0.0	0.1	-0.1
10	All	-1.0	-0.3	0.0	-1.4	0.1	0.0	0.0	0.0
11	W	-0.4	-0.6	-0.3	-0.9	0.0	0.0	0.0	0.0
11	AN	-0.6	-3.3	-1.5	-3.6	0.0	0.0	0.0	0.0
11	BN	0.5	-1.0	0.0	0.2	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	-0.7	-0.2	-0.6	-1.1	0.0	0.0	0.0	0.0
11	C	3.9	4.4	1.7	6.7*	0.1	0.0	0.0	0.0
11	All	0.3	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	-0.9	-0.6	-0.9	-0.9	0.0	0.0	0.0	0.0
12	BN	-0.2	0.0	-0.2	0.0	0.0	0.0	0.0	-0.1
12	D	-0.5	-0.5	-0.5	-0.7	-0.1	-0.2	-0.1	-0.2
12	C	0.8	0.0	0.3	-0.5	0.1	0.0	0.0	0.0
12	All	-0.2	-0.2	-0.2	-0.4	0.0	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-30. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River below Ball’s Ferry, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	-0.1	0.1	-0.4	-0.1	0.0	0.0	0.0	0.0
8	AN	5.4*	3.5	5.1*	17.2*	0.0	0.0	0.0	0.1
8	BN	4.8	1.8	3.7	14.5*	0.0	0.0	0.0	0.1
8	D	1.1	1.1	1.4	8.2*	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	C	-4.6	-5.6^	-5.1^	-6.5^	-0.3	-0.3	-0.3	-0.5
8	All	1.1	0.3	0.8	5.8*	-0.1	-0.1	-0.1	-0.2
9	W	0.0	0.3	0.0	0.3	0.0	-0.1	0.0	0.0
9	AN	-0.6	-1.7	-0.8	-3.3	0.1	0.1	0.2	-0.1
9	BN	2.1	-0.7	2.1	2.6	0.0	-0.1	0.0	-0.1
9	D	-1.7	-2.2	-1.5	-2.8	0.0	0.0	0.0	0.0
9	C	-2.8	-2.5	-2.8	-6.1^	-0.2	-0.4	-0.2	-0.4
9	All	-0.5	-1.1	-0.5	-1.5	-0.1	-0.1	-0.1	-0.2
10	W	0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.1
10	AN	-2.1	-2.9	-2.1	-4.7	0.1	0.1	0.1	-0.3
10	BN	0.0	-0.5	0.0	-2.5	0.0	0.0	0.0	0.1
10	D	0.4	-0.4	0.0	-3.9	0.0	0.1	0.0	0.1
10	C	-10.2^	-3.0	-4.3	-7.8^	0.2	0.1	0.1	0.0
10	All	-1.7	-1.0	-0.9	-3.1	0.1	0.1	0.1	0.1
11	W	-0.1	-0.3	-0.1	-0.6	0.0	0.0	0.0	0.0
11	AN	-0.9	0.6	-0.9	-0.3	0.0	0.0	0.0	-0.1
11	BN	0.5	-0.7	0.5	-0.2	0.0	0.0	0.0	0.0
11	D	1.1	1.1	0.7	1.3	0.0	0.0	0.0	0.0
11	C	5.8*	4.7	3.3	5.0	0.0	-0.1	0.0	-0.1
11	All	1.0	0.8	0.6	0.7	0.0	0.0	0.0	0.0
12	W	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0
12	AN	-0.6	-0.6	-0.6	-0.3	0.0	0.0	0.0	-0.1
12	BN	-0.2	0.0	-0.2	0.0	0.1	0.0	0.1	0.0
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-31. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River near Bend Bridge, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0
8	AN	1.3	-0.3	1.3	2.4	0.1	0.1	0.1	0.5
8	BN	0.2	0.2	0.2	0.5	0.1	0.0	0.1	0.3
8	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
8	C	0.0	0.0	0.0	-0.3	-0.5	-0.5	-0.5	-0.6^
8	All	0.3	0.1	0.3	0.4	0.0	0.0	0.0	0.1
9	W	-0.1	0.5	-0.1	1.0	0.0	0.0	0.0	0.0
9	AN	3.6	-0.3	3.3	-7.2^	0.1	0.0	0.1	-0.2
9	BN	1.2	1.2	1.4	2.1	0.1	-0.1	0.0	0.0
9	D	0.0	-0.4	0.0	-0.2	0.0	-0.1	0.0	0.0
9	C	-1.4	-0.6	-1.4	-1.4	-0.3	-0.5	-0.3	-0.5^

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	0.5	0.2	0.5	-0.6	-0.1	-0.1	-0.1	-0.1
10	W	0.5	0.0	0.5	0.2	0.0	0.0	0.0	0.0
10	AN	-5.3 [^]	-7.0 [^]	-4.4	-14.4 [^]	0.0	0.0	-0.1	-0.1
10	BN	0.2	-1.2	-0.2	-6.5 [^]	0.0	0.0	0.0	-0.1
10	D	2.2	1.1	2.0	-3.9	0.0	0.0	0.0	0.0
10	C	-5.6 [^]	-1.3	-1.9	-5.4 [^]	0.0	0.0	0.0	-0.1
10	All	-0.9	-1.1	-0.3	-4.7	0.0	0.0	0.0	0.0
11	W	-0.4	-0.5	-0.3	-0.4	0.0	0.0	0.0	0.0
11	AN	-0.3	-0.6	-0.3	-0.9	0.0	0.0	0.0	0.0
11	BN	-1.0	-0.7	-0.7	0.0	0.0	0.0	0.0	0.0
11	D	0.0	0.4	-0.2	0.9	0.1	0.1	0.1	0.1
11	C	0.3	1.1	0.8	0.6	0.1	0.0	0.0	0.0
11	All	-0.3	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0
12	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-32. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River below Red Bluff Diversion Dam, 55.4°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.5	0.0	0.5	1.1	0.1	0.1	0.2	0.6*
8	BN	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.3
8	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
8	C	0.0	0.0	0.0	0.0	-0.5^	-0.5^	-0.5^	-0.6^
8	All	0.1	0.0	0.1	0.2	0.0	0.0	0.0	0.1
9	W	0.5	1.0	0.3	0.4	0.0	0.0	0.0	0.0
9	AN	1.9	-0.8	1.9	1.7	0.1	0.0	0.1	-0.3
9	BN	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
9	D	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
9	C	0.0	0.0	0.0	0.0	-0.5	-0.5^	-0.4	-0.6^
9	All	0.4	0.2	0.4	0.4	-0.1	-0.1	0.0	-0.1
10	W	0.6	0.1	0.2	0.5	0.0	0.0	0.0	0.0
10	AN	-3.5	-5.9^	-3.8	-10.3^	-0.1	-0.1	-0.1	-0.3
10	BN	0.5	0.0	0.5	-7.1^	0.0	0.0	0.0	-0.1
10	D	0.9	0.5	0.7	-0.7	0.0	0.0	0.0	-0.1
10	C	-0.8	-0.3	-0.5	-1.3	-0.1	-0.1	-0.1	-0.2
10	All	-0.1	-0.7	-0.3	-2.8	0.0	0.0	0.0	-0.1
11	W	0.0	0.1	0.1	-0.1	0.0	0.0	0.0	0.0
11	AN	-0.6	-0.6	-0.9	-1.2	0.0	0.0	0.0	0.0
11	BN	0.5	0.0	0.2	0.5	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.7	0.7	0.2	1.1	0.0	0.0	0.0	0.0
11	C	3.9	3.9	2.5	3.9	-0.1	-0.1	-0.1	-0.1
11	All	0.7	0.7	0.4	0.7	0.0	0.0	0.0	0.0
12	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-33. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River Below Keswick, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.3	-0.8	-1.3	-1.8^	NA	-1.8^	NA
8	All	-0.1	-0.2	-0.1	-0.2	-1.8^	NA	-1.8^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	-0.8	0.0	-8.3^	-0.3	-1.0^	-0.3	NA
9	All	0.0	-0.1	0.0	-1.2	-0.3	-1.0^	-0.3	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.5	-2.4	0.0	-0.1	0.0	-0.7^
10	All	0.0	0.0	0.1	-0.4	0.0	-0.1	0.0	-0.7^
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-34. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River below Clear Creek, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.3	-2.2	-1.3	-3.0	-0.9^	-1.6^	-0.9^	NA
8	All	-0.2	-0.3	-0.2	-0.4	-0.9^	-1.6^	-0.9^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.5	-1.3^	-0.5	-3.1^
9	All	0.0	0.0	0.0	0.0	-0.5	-1.3^	-0.5	-3.1^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.5
10	All	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.5
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-35. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River at Balls Ferry, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.2	NA	NA	NA	NA
4	D	-0.2	-0.4	-0.2	-0.6	0.1	-0.2	0.1	-0.2
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
4	All	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
5	W	0.1	-1.1	0.1	-1.2	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.5	0.0	0.0	0.0	-0.2	0.0	0.0
5	D	-0.2	0.2	-0.2	0.5	-0.6 [^]	-0.5	-0.6 [^]	-0.4
5	C	0.0	0.0	0.0	0.3	0.0	0.0	0.0	-0.1
5	All	0.0	-0.2	0.0	-0.2	-0.1	-0.2	-0.1	-0.2
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.2	-0.2	0.2	0.2	-0.2	-0.3	-0.3	-0.3
6	C	-0.3	0.0	0.3	0.6	-0.2	-0.3	-0.1	-0.2
6	All	0.0	0.0	0.1	0.1	-0.2	-0.3	-0.3	-0.3
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.1	-2.2	-1.1	-3.5	-1.1 [^]	-1.6 [^]	-1.1 [^]	NA
8	All	-0.2	-0.3	-0.2	-0.5	-1.1 [^]	-1.6 [^]	-1.1 [^]	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.6 [^]	-1.3 [^]	-0.6 [^]	-2.9 [^]
9	All	0.0	0.0	0.0	0.0	-0.6 [^]	-1.3 [^]	-0.6 [^]	-2.9 [^]
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.5	0.5	0.5	0.3	-0.1	-0.1	0.0	-0.6 [^]
10	All	0.1	0.1	0.1	0.0	-0.1	-0.1	0.0	-0.6 [^]
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-36. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River near Bend Bridge, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.3
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.0	0.2	0.0	1.0	0.1	0.1	0.1	0.3

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	-0.2	0.2	-0.2	-0.4	0.0	-0.1	0.0	0.0
4	C	0.0	0.3	0.0	0.3	0.0	0.0	0.0	-0.1
4	All	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.1
5	W	-0.2	-1.4	-0.2	-1.1	0.0	-0.3	0.0	-0.4
5	AN	0.0	0.3	0.3	-0.5	0.0	0.0	0.0	0.1
5	BN	-0.2	1.8	-0.2	1.8	0.0	-0.1	0.0	-0.1
5	D	0.0	0.2	-0.4	0.4	-0.1	0.0	0.0	0.0
5	C	-0.3	0.5	0.3	2.4	-0.1	0.0	0.0	0.0
5	All	-0.2	0.0	-0.1	0.3	0.0	-0.1	0.0	-0.1
6	W	-0.1	-0.3	-0.1	-0.3	0.0	0.1	0.0	0.1
6	AN	0.6	3.9	0.6	5.6*	0.0	0.0	0.0	0.0
6	BN	0.0	0.2	0.2	5.5*	0.0	0.0	0.0	-0.1
6	D	-0.6	-0.4	-0.6	0.6	0.2	0.0	0.1	-0.2
6	C	0.3	4.7	5.0	3.9	0.0	0.0	0.0	0.1
6	All	0.0	1.1	0.7	2.4	0.0	0.0	0.0	0.0
7	W	0.0	-0.1	0.0	0.0	0.0	NA	0.0	0.0
7	AN	0.0	0.0	0.0	0.3	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	-0.2	-0.4	-0.4	-0.4	0.1	0.2	0.2	0.2
7	C	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.5	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	2.1	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-2.2	-3.0	-2.4	-4.6	-0.5^	-1.0^	-0.5	-1.6^
8	All	-0.3	-0.4	-0.4	-0.2	-0.6^	-1.0^	-0.5	-1.6^
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.2	0.0	0.2	0.2	-0.2	0.0	-0.2	0.1
9	D	-0.4	-2.0	-0.4	-0.4	0.0	0.1	0.0	0.0
9	C	-4.7	-6.4^	-3.6	-6.4^	0.3	0.1	0.1	-0.4
9	All	-0.7	-1.4	-0.6	-1.0	0.0	0.0	0.0	-0.4
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.5	0.0	0.5	-0.5	0.0	0.0	0.0	-0.4
10	All	0.1	0.0	0.1	-0.1	0.0	0.0	0.0	-0.4
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-37. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River below Red Bluff Diversion Dam, 61°F 7DADM^{1,2}

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.6	0.0	0.8	0.0	0.1	0.0	0.2
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.5	1.0	0.5	1.7	0.0	0.0	0.0	0.2
4	D	1.3	2.4	1.3	1.7	-0.1	-0.1	-0.1	-0.1
4	C	-0.3	-0.8	-1.1	-0.6	0.0	0.1	0.1	0.0
4	All	0.3	0.8	0.2	0.8	0.0	0.0	0.0	0.0
5	W	0.2	-1.7	0.2	-1.2	0.0	-0.2	0.0	-0.3
5	AN	0.3	0.0	0.3	-2.7	0.0	0.0	0.0	0.0
5	BN	-0.2	3.0	0.0	3.7	0.0	0.0	0.0	-0.1
5	D	-0.2	1.8	-0.2	3.8	0.0	0.0	0.0	0.0
5	C	1.6	2.4	2.2	4.0	-0.1	0.0	-0.1	0.0
5	All	0.3	0.7	0.4	1.3	0.0	-0.1	0.0	-0.1
6	W	-0.5	-0.5	-0.5	-0.9	0.0	0.0	0.0	0.0
6	AN	0.0	6.1*	-0.3	11.1*	0.0	0.1	0.0	0.1
6	BN	0.0	1.4	0.5	7.4*	0.0	0.0	0.0	0.2
6	D	-0.4	0.4	0.2	2.0	0.0	-0.1	-0.1	-0.2
6	C	-1.9	3.9	0.8	1.9	0.1	0.1	0.2	0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	-0.5	1.6	0.0	3.3	0.0	0.1	0.1	0.1
7	W	-0.1	0.5	-0.1	0.5	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	7.0*	0.0	0.0	0.0	-0.4
7	BN	0.0	0.5	0.0	1.2	0.0	0.0	0.0	0.1
7	D	0.2	0.2	0.0	0.5	0.0	-0.1	0.0	-0.3
7	C	0.0	1.6	0.3	1.9	0.0	0.0	0.0	0.0
7	All	0.0	0.5	0.0	1.8	0.0	0.0	0.0	-0.1
8	W	0.0	0.2	0.0	0.2	0.0	-0.1	0.0	-0.1
8	AN	0.8	0.8	0.8	3.2	0.1	0.1	0.1	0.4
8	BN	2.5	0.9	2.5	4.1	0.2	0.0	0.2	0.6*
8	D	0.2	0.4	-0.2	0.7	0.0	0.0	0.0	0.0
8	C	-14.0^	-12.9^	-14.2^	-16.9^	-0.1	-0.2	-0.1	-0.3
8	All	-1.5	-1.5	-1.6	-1.1	-0.1	-0.2	-0.1	-0.1
9	W	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0
9	AN	-0.3	-0.6	-0.3	-1.7	0.0	-0.1	0.2	-0.3
9	BN	0.2	-1.4	0.0	-1.0	0.0	-0.1	0.1	0.0
9	D	-1.3	-2.4	-1.3	-1.7	0.0	0.0	0.0	0.0
9	C	-10.3^	-10.3^	-8.9^	-9.7^	-0.1	-0.2	-0.1	-0.3
9	All	-1.8	-2.4	-1.7	-2.2	-0.1	-0.1	-0.1	-0.1
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	-0.5
10	D	-0.2	-0.2	-0.2	0.2	0.2	0.2	0.0	0.0
10	C	-1.6	-1.6	0.0	-1.6	0.2	0.1	0.0	-0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	All	-0.3	-0.3	0.0	-0.3	0.2	0.1	0.1	-0.2
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-38. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River at Hamilton City, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.3	0.0	0.3	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.7	0.1	0.1	0.1	0.3

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.2	0.0	-0.2	0.0	-0.1	0.0	0.0
4	C	-0.8	-1.1	-1.1	-1.1	0.2	0.3	0.3	0.3
4	All	-0.1	0.0	-0.2	0.0	0.1	0.0	0.1	0.1
5	W	0.2	-1.4	0.2	-0.7	0.0	-0.3	0.0	-0.4
5	AN	0.0	0.0	0.0	-3.2	0.0	0.0	0.0	0.1
5	BN	-0.2	2.3	-0.2	2.1	0.0	-0.1	0.0	0.0
5	D	-0.2	1.6	-0.2	2.7	-0.1	-0.1	-0.1	-0.1
5	C	0.8	1.6	1.1	4.6	-0.1	-0.1	-0.1	-0.2
5	All	0.1	0.6	0.2	0.9	0.0	-0.2	0.0	-0.2
6	W	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
6	AN	0.0	8.6*	0.0	8.9*	0.0	0.1	0.0	0.3
6	BN	0.0	0.2	0.0	5.2*	0.0	0.1	0.0	0.3
6	D	0.4	-0.7	0.2	2.0	0.0	0.1	0.0	0.0
6	C	1.9	5.0	3.9	4.7	0.1	0.1	0.1	0.2
6	All	0.4	1.9	0.7	3.4	0.0	0.1	0.0	0.1
7	W	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0
7	AN	0.3	3.8	0.3	10.8*	0.1	0.1	0.1	0.6*
7	BN	-0.2	-0.2	-0.5	1.4	0.0	0.1	0.0	0.1
7	D	-0.4	0.4	-0.5	1.4	0.0	0.0	0.1	0.0
7	C	0.8	3.0	0.8	6.2	0.0	0.0	0.0	-0.1
7	All	0.0	1.1	0.0	3.1	0.0	0.0	0.0	0.0
8	W	-0.1	1.1	-0.1	1.0	0.0	0.0	0.0	0.0
8	AN	1.9	1.1	2.2	6.7*	-0.1	0.0	-0.1	0.0
8	BN	1.4	0.7	0.5	6.0*	0.2	0.0	0.2	0.3

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	-1.6	-0.9	-1.4	-1.3	0.0	0.0	0.0	0.1
8	C	-16.9^	-16.9^	-16.9^	-16.9^	-0.3	-0.2	-0.3	-0.3
8	All	-2.4	-2.0	-2.4	-0.4	-0.1	-0.1	-0.1	-0.1
9	W	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
9	AN	0.3	0.3	0.3	-0.3	0.5	0.0	0.5	NA
9	BN	0.0	-1.0	0.0	-0.7	0.1	-0.1	0.1	0.0
9	D	0.0	-0.2	0.0	0.0	0.0	-0.1	0.0	0.0
9	C	-11.7^	-11.9^	-11.1^	-10.6^	-0.1	-0.2	-0.1	-0.3
9	All	-1.7	-1.9	-1.6	-1.7	-0.1	-0.2	-0.1	-0.1
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	-0.3	-1.6	-0.5	-2.7	0.1	0.1	0.1	0.1
10	All	0.0	-0.2	-0.1	-0.4	0.1	0.1	0.1	0.1
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-39. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Immigration, Sacramento River Below Keswick, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-40. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Immigration, Sacramento River near Bend Bridge, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-0.8	-1.7	-0.8	-2.2	-0.5 [^]	-1.1 [^]	-0.5 [^]	NA
9	All	-0.1	-0.2	-0.1	-0.3	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-41. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Immigration, Sacramento River below Red Bluff Diversion Dam, 68°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	-0.2	0.0	-0.2	0.0	NA	0.0	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	-0.1	0.0	-0.1	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-1.4	-2.2	-1.4	-2.8	-0.5	-0.6^	-0.5	-1.2^
9	All	-0.2	-0.3	-0.2	-0.4	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-42. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Holding, Sacramento River Below Keswick, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.3	-0.8	-1.3	-1.8^	NA	-1.8^	NA
8	All	-0.1	-0.2	-0.1	-0.2	-1.8^	NA	-1.8^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	-0.8	0.0	-8.3^	-0.3	-1.0^	-0.3	NA
9	All	0.0	-0.1	0.0	-1.2	-0.3	-1.0^	-0.3	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-43. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Holding, Sacramento River at Balls Ferry, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.2	NA	NA	NA	NA
4	D	-0.2	-0.4	-0.2	-0.6	0.1	-0.2	0.1	-0.2
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
4	All	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
5	W	0.1	-1.1	0.1	-1.2	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.5	0.0	0.0	0.0	-0.2	0.0	0.0
5	D	-0.2	0.2	-0.2	0.5	-0.6^	-0.5	-0.6^	-0.4
5	C	0.0	0.0	0.0	0.3	0.0	0.0	0.0	-0.1
5	All	0.0	-0.2	0.0	-0.2	-0.1	-0.2	-0.1	-0.2
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.2	-0.2	0.2	0.2	-0.2	-0.3	-0.3	-0.3
6	C	-0.3	0.0	0.3	0.6	-0.2	-0.3	-0.1	-0.2
6	All	0.0	0.0	0.1	0.1	-0.2	-0.3	-0.3	-0.3
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.1	-2.2	-1.1	-3.5	-1.1^	-1.6^	-1.1^	NA
8	All	-0.2	-0.3	-0.2	-0.5	-1.1^	-1.6^	-1.1^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.6^	-1.3^	-0.6^	-2.9^
9	All	0.0	0.0	0.0	0.0	-0.6^	-1.3^	-0.6^	-2.9^

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-44. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Holding, Sacramento River below Red Bluff Diversion Dam, 61°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.6	0.0	0.8	0.0	0.1	0.0	0.2
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.5	1.0	0.5	1.7	0.0	0.0	0.0	0.2
4	D	1.3	2.4	1.3	1.7	-0.1	-0.1	-0.1	-0.1
4	C	-0.3	-0.8	-1.1	-0.6	0.0	0.1	0.1	0.0
4	All	0.3	0.8	0.2	0.8	0.0	0.0	0.0	0.0
5	W	0.2	-1.7	0.2	-1.2	0.0	-0.2	0.0	-0.3
5	AN	0.3	0.0	0.3	-2.7	0.0	0.0	0.0	0.0
5	BN	-0.2	3.0	0.0	3.7	0.0	0.0	0.0	-0.1
5	D	-0.2	1.8	-0.2	3.8	0.0	0.0	0.0	0.0
5	C	1.6	2.4	2.2	4.0	-0.1	0.0	-0.1	0.0
5	All	0.3	0.7	0.4	1.3	0.0	-0.1	0.0	-0.1
6	W	-0.5	-0.5	-0.5	-0.9	0.0	0.0	0.0	0.0
6	AN	0.0	6.1*	-0.3	11.1*	0.0	0.1	0.0	0.1
6	BN	0.0	1.4	0.5	7.4*	0.0	0.0	0.0	0.2
6	D	-0.4	0.4	0.2	2.0	0.0	-0.1	-0.1	-0.2
6	C	-1.9	3.9	0.8	1.9	0.1	0.1	0.2	0.2
6	All	-0.5	1.6	0.0	3.3	0.0	0.1	0.1	0.1
7	W	-0.1	0.5	-0.1	0.5	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	7.0*	0.0	0.0	0.0	-0.4
7	BN	0.0	0.5	0.0	1.2	0.0	0.0	0.0	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	D	0.2	0.2	0.0	0.5	0.0	-0.1	0.0	-0.3
7	C	0.0	1.6	0.3	1.9	0.0	0.0	0.0	0.0
7	All	0.0	0.5	0.0	1.8	0.0	0.0	0.0	-0.1
8	W	0.0	0.2	0.0	0.2	0.0	-0.1	0.0	-0.1
8	AN	0.8	0.8	0.8	3.2	0.1	0.1	0.1	0.4
8	BN	2.5	0.9	2.5	4.1	0.2	0.0	0.2	0.6*
8	D	0.2	0.4	-0.2	0.7	0.0	0.0	0.0	0.0
8	C	-14.0^	-12.9^	-14.2^	-16.9^	-0.1	-0.2	-0.1	-0.3
8	All	-1.5	-1.5	-1.6	-1.1	-0.1	-0.2	-0.1	-0.1
9	W	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0
9	AN	-0.3	-0.6	-0.3	-1.7	0.0	-0.1	0.2	-0.3
9	BN	0.2	-1.4	0.0	-1.0	0.0	-0.1	0.1	0.0
9	D	-1.3	-2.4	-1.3	-1.7	0.0	0.0	0.0	0.0
9	C	-10.3^	-10.3^	-8.9^	-9.7^	-0.1	-0.2	-0.1	-0.3
9	All	-1.8	-2.4	-1.7	-2.2	-0.1	-0.1	-0.1	-0.1

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes days during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.2.2 Feather River

Table 11D-45. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning and Embryo Incubation, Feather River Low-Flow Channel below the Fish Barrier Dam, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2
9	D	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
9	C	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.1
9	All	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	-5.6 [^]	-11.1 [^]	-5.6 [^]	0.0	-0.3	-0.3	-0.3	-0.3
10	C	-8.3 [^]	0.0	0.0	0.0	0.5	-0.1	-0.1	-0.1
10	All	-2.5	-2.5	-1.2	0.0	0.5 [*]	0.5 [*]	0.1	-0.2
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
11	All	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-46. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Spawning and Embryo Incubation, Feather River Below the Thermalito Afterbay Outlet, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	-0.1
9	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
9	BN	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.1
9	D	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.3
9	C	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3
9	All	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
10	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
10	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
10	D	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.2
10	C	0.0	0.0	0.0	0.0	0.2	0.2	0.2	-0.1
10	All	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
11	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	5.6*	-5.6^	0.0	-5.6^	-0.3	0.7*	0.0	0.7*
11	C	8.3*	8.3*	8.3*	8.3*	-0.2	-0.2	-0.2	-0.2
11	All	2.5	0.0	1.2	0.0	-0.1	0.1	0.0	0.1
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-47. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Juvenile Rearing and Emigration, Feather River Low-Flow Channel Below the Fish Barrier Dam, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-48. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Juvenile Rearing and Emigration, Feather River Below the Thermalito Afterbay Outlet, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	-5.6^	0.0	0.0	0.0	0.1
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
5	All	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	0.1
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
6	BN	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
6	D	0.0	0.0	0.0	0.0	0.6*	0.6*	0.5	0.6*
6	C	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
6	All	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-49. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Immigration, Feather River Low-Flow Channel Below the Fish Barrier Dam, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-50. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Immigration, Feather River Below the Thermalito Afterbay Outlet, 68°F 7DADM¹

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0*
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
6	BN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0
6	D	5.6*	5.6*	5.6*	16.7*	0.4	0.4	0.4	0.0
6	C	-8.3^	-8.3^	-8.3^	0.0	0.8*	0.8*	0.8*	0.3
6	All	0.0	0.0	0.0	3.7	0.2	0.2	0.2	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-51. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Holding, Feather River Low-Flow Channel Below the Fish Barrier Dam, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
7	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
8	C	0.0	0.0	0.0	0.0	-0.4	-0.5	-0.4	-0.2
8	All	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	8.3*	0.0	-0.3	0.0	-1.2^	0.0
9	All	0.0	0.0	1.2	0.0	-0.3	0.0	-1.2^	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months on which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-52. Water Temperature Indicator Value Analysis Results, Spring-Run Chinook Salmon, Adult Holding, Feather River Below the Thermalito Afterbay Outlet, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
6	BN	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
6	D	0.0	0.0	0.0	0.0	0.6*	0.6*	0.5	0.6*
6	C	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
6	All	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.1
7	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	C	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
7	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.2	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	-0.1
9	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0
9	D	5.6*	5.6*	0.0	0.0	0.0	0.1	0.2	0.3

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
9	All	1.2	1.2	0.0	0.0	0.0	0.0	0.1	0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-53. Water Temperature Analysis Results of FERC Relicensing Settlement Agreement, Feather River Low-Flow Channel¹.

Month	Water Year Type	Difference in Percent of Months above Temperature Target ²				Difference in Mean Degrees per Month above Temperature Target (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Temperature Target ²				Difference in Mean Degrees per Month above Temperature Target (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	5.6*	0.0	0.0	0.0	-0.2
4	C	-8.3^	-8.3^	-8.3^	0.0	0.2	0.2	0.2	0.0
4	All	-1.2	-1.2	-1.2	1.2	0.1	0.1	0.1	-0.1
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
5	C	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	D	5.6*	0.0	0.0	5.6*	0.0	0.2	0.2	0.0
6	C	25.0*	16.7*	16.7*	25.0*	-0.5	-0.3	-0.3	-0.5
6	All	4.9	2.5	2.5	4.9	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Temperature Target ²				Difference in Mean Degrees per Month above Temperature Target (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
7	C	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
7	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	-0.1
8	C	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0
9	D	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
9	C	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
9	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.5
10	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	BN	-7.1^	-7.1^	-7.1^	-7.1^	NA	NA	NA	NA
10	D	-5.6^	-5.6^	-5.6^	-5.6^	-0.1	-0.1	-0.1	0.3
10	C	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2
10	All	-2.5	-2.5	-2.5	-2.5	0.3	0.3	0.2	0.3

Month	Water Year Type	Difference in Percent of Months above Temperature Target ²				Difference in Mean Degrees per Month above Temperature Target (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	C	8.3*	8.3*	8.3*	8.3*	-0.3	0.0	-0.3	0.0
11	All	1.2	1.2	1.2	1.2	-0.3	-0.1	-0.3	-0.1
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Model output from Feather River above Thermalito Afterbay; Settlement Agreement water temperature targets are provided in Appendix 11B, *Upstream Fisheries Impact Assessment Quantitative Methods*, Table 11B-3.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-54. Water Temperature Analysis Results of FERC Relicensing Settlement Agreement, Feather River High-Flow Channel¹.

Month	Water Year Type	Difference in Percent of Months above Temperature Target ²				Difference in Mean Degrees per Month above Temperature Target (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Temperature Target ²				Difference in Mean Degrees per Month above Temperature Target (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	-9.1 [^]	-1.0 [^]	-1.0 [^]	-1.0 [^]	NA
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	-1.2	-0.1	-0.1	-0.1	0.0
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	-8.3 [^]	-8.3 [^]	-8.3 [^]	0.0	NA	NA	NA	0.0
4	All	-1.2	-1.2	-1.2	0.0	NA	NA	NA	0.0
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Temperature Target ²				Difference in Mean Degrees per Month above Temperature Target (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	5.6*	0.0	0.0	0.0	-0.6^
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	1.2	0.0	0.0	0.0	-0.1
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0
6	BN	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
6	D	5.6*	5.6*	5.6*	5.6*	0.4	0.4	0.4	0.3
6	C	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
6	All	1.2	1.2	1.2	1.2	0.2	0.2	0.2	0.2
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
7	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	D	0.0	0.0	0.0	0.0	0.3	0.2	0.3	0.1
7	C	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	All	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
8	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
8	C	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Temperature Target ²				Difference in Mean Degrees per Month above Temperature Target (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	AN	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
9	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
9	D	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.5
9	C	0.0	0.0	0.0	0.0	0.6*	0.6*	0.6*	0.5*
9	All	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	C	8.3*	8.3*	8.3*	8.3*	-0.3	-0.3	-0.3	-0.3
10	All	1.2	1.2	1.2	1.2	-0.1	-0.1	-0.1	-0.1
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	-1.0^	-1.0^	-1.0^	-1.0^
11	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	-0.3
11	All	0.0	0.0	0.0	0.0	-0.5	-0.5	-0.5	-0.5
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Model output from Feather River below Thermalito Afterbay; Settlement Agreement water temperature targets are provided in Appendix 11B, *Upstream Fisheries Impact Assessment Quantitative Methods*, Table 11B-3.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.3. Fall-/Late Fall–Run Chinook Salmon

11D.2.3.1 Fall-Run Chinook Salmon

Sacramento River

Table 11D-55. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Keswick, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-2.5	-2.5	-1.9	-1.7	1.38*	0.96*	0.89*	-1.96^
9	All	-0.4	-0.4	-0.3	-0.2	1.38*	0.96*	0.89*	-1.96^
10	W	0.0	0.0	0.0	0.0	0.00	0.04	0.04	0.00
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	-4.0	-2.4	-0.3	-7.3^	0.33	0.28	0.32	0.47
10	All	-0.6	-0.4	0.0	-1.1	0.27	0.24	0.28	0.37
11	W	-0.3	0.1	0.3	0.1	0.05	-0.02	-0.04	-0.02

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	-0.2	0.0	-0.2	-0.2	NA	0.00	NA	NA
11	D	0.0	0.0	0.0	-0.2	0.00	0.00	0.00	NA
11	C	-4.2	2.2	1.9	0.8	0.08	-0.02	0.05	-0.05
11	All	-0.7	0.4	0.3	0.1	0.07	-0.02	0.04	-0.03
12	W	0.0	0.0	0.0	0.0	-0.02	0.00	-0.02	-0.02
12	AN	0.0	0.3	0.0	0.0	0.00	-0.11	0.00	-0.19
12	BN	0.0	0.0	0.0	-0.5	-0.06	-0.13	0.00	-0.15
12	D	0.4	0.4	0.4	0.0	0.20	0.20	0.20	0.00
12	C	-1.1	-0.3	-1.1	0.3	0.00	-0.05	0.00	0.10
12	All	-0.1	0.1	-0.1	0.0	-0.01	-0.04	0.00	-0.05
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-56. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Clear Creek, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0
9	AN	0.0	-0.3	0.0	-0.8	0.0	-0.2	0.0	-0.4
9	BN	-0.5	-2.1	0.0	-1.4	0.0	0.1	0.0	0.0
9	D	-1.3	-1.3	-1.5	-1.5	0.0	-0.1	0.0	-0.1
9	C	-6.4^	-7.2^	-4.4	-8.6^	-0.1	-0.2	-0.1	-0.4
9	All	-1.3	-1.8	-1.0	-2.0	-0.1	-0.1	-0.1	-0.2
10	W	0.4	0.0	0.2	0.4	-0.1	0.0	0.0	0.0
10	AN	-1.2	-1.5	-1.5	-2.9	0.0	0.0	0.0	0.0
10	BN	-0.2	-0.2	-0.2	-0.9	0.0	0.0	0.1	0.1
10	D	-0.4	-2.0	-0.7	-1.8	0.1	0.1	0.1	0.1
10	C	-8.6^	-2.4	-2.7	-5.9^	0.2	0.1	0.1	0.0
10	All	-1.4	-1.0	-0.7	-1.7	0.1	0.1	0.1	0.0
11	W	-0.4	-0.4	-0.5	-0.9	0.0	0.0	0.0	0.0
11	AN	-1.8	-2.4	-2.1	2.1	0.0	0.0	0.0	-0.1
11	BN	-0.5	-1.2	-0.7	1.4	0.0	0.0	0.0	0.0
11	D	0.0	1.5	0.0	-0.2	0.0	0.0	0.0	0.0
11	C	1.4	1.7	1.9	3.1	0.1	0.1	0.0	0.1
11	All	-0.2	-0.1	-0.3	0.7	0.0	0.0	0.0	0.0
12	W	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
12	AN	-0.6	-0.6	-0.6	-1.8	0.0	0.0	0.0	0.0
12	BN	-0.5	0.0	-0.5	-0.9	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	-1.3	-2.0	-1.3	-3.8	0.0	0.0	0.0	0.0
12	C	-0.3	-1.3	-0.5	2.2	0.1	0.1	0.1	-0.1
12	All	-0.5	-0.7	-0.5	-1.0	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-57. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River at Ball Ferry, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.3	0.5	0.3	0.4	-0.1	-0.1	-0.1	-0.1
9	AN	0.6	-0.6	0.6	-2.8	-0.1	-0.1	0.0	-0.2
9	BN	2.1	-2.4	2.4	2.9	0.0	0.0	0.0	-0.1
9	D	-1.5	-2.2	-1.5	-2.6	0.0	0.0	0.0	0.0
9	C	-2.5	-1.4	-2.5	-5.8^	-0.2	-0.4	-0.2	-0.4

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	-0.2	-1.0	-0.1	-1.2	-0.1	-0.1	-0.1	-0.2
10	W	0.6	0.0	0.5	0.5	0.0	0.0	0.0	0.0
10	AN	-5.3^	-6.7^	-3.8	-10.9^	0.0	0.0	0.0	-0.1
10	BN	-1.4	-2.8	-1.8	-7.1^	0.0	0.1	0.1	0.1
10	D	1.3	-0.5	0.9	-6.3^	0.0	0.0	0.0	0.0
10	C	-5.9^	-1.9	-2.7	-5.4^	0.0	0.0	0.1	-0.1
10	All	-1.4	-1.8	-0.9	-4.7	0.0	0.0	0.0	0.1
11	W	-0.3	-0.3	-0.5	-0.6	0.0	0.0	0.0	0.0
11	AN	-2.4	-2.4	-3.0	-1.2	0.0	0.0	0.0	0.0
11	BN	1.7	1.4	1.7	3.6	0.0	0.0	0.0	0.0
11	D	1.1	0.4	1.5	2.0	0.0	0.0	0.0	0.0
11	C	1.4	1.7	0.6	3.3	0.1	0.0	0.0	0.0
11	All	0.3	0.2	0.1	1.2	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
12	AN	-0.3	0.0	-0.3	-0.3	-0.1	-0.1	-0.1	-0.1
12	BN	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.1
12	D	0.0	0.0	0.0	-0.4	-0.2	-0.2	-0.2	-0.4
12	C	0.5	0.0	0.0	-0.3	0.2	0.0	0.0	-0.2
12	All	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-58. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River near Bend Bridge, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.1	2.1	-0.3	0.8	0.0	0.0	0.0	0.0
9	AN	4.4	-1.9	5.3*	-4.2	0.1	0.0	0.0	-0.2
9	BN	-0.7	-1.0	-1.0	-1.0	0.1	0.0	0.1	0.1
9	D	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
9	C	-0.3	0.0	-0.3	-0.3	-0.4	-0.5	-0.3	-0.6^
9	All	0.5	0.2	0.5	-0.6	-0.1	-0.1	-0.1	-0.1
10	W	1.4	0.7	1.4	1.2	0.0	0.0	0.0	0.0
10	AN	-4.1	-6.7^	-5.3^	-13.2^	-0.1	-0.1	0.0	-0.2
10	BN	-0.7	-0.9	-0.9	-10.1^	0.0	0.0	0.0	-0.1
10	D	0.4	0.2	0.2	-0.9	0.0	0.0	0.0	-0.1
10	C	-1.3	-1.1	-1.1	-1.9	-0.1	0.0	0.0	-0.2
10	All	-0.4	-1.0	-0.6	-3.6	0.0	0.0	0.0	-0.1
11	W	0.1	-0.1	0.1	-0.4	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	-2.1	-2.1	-2.1	-1.5	0.1	0.1	0.1	0.0
11	BN	-0.5	-0.5	0.0	0.0	0.0	0.0	0.0	0.0
11	D	0.7	0.6	0.9	1.9	0.0	0.0	0.0	0.0
11	C	2.8	2.5	1.4	3.1	0.0	0.0	0.0	0.0
11	All	0.2	0.1	0.2	0.5	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.1
12	AN	-0.6	-0.6	-0.6	-0.6	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	-0.1	-0.1	-0.1	-0.2	0.1	0.1	0.1	0.2
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-59. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Red Bluff Diversion Dam, 53.5°F¹

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.1	0.6	-0.1	-0.1	0.0	0.0	0.0	0.0
9	AN	-0.3	-1.4	-0.3	-0.6	0.2	0.0	0.2	-0.2
9	BN	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
9	D	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
9	C	0.0	0.0	0.0	0.0	-0.5	-0.5 [^]	-0.4	-0.6 [^]
9	All	0.0	0.0	-0.1	-0.1	0.0	-0.1	0.0	-0.1
10	W	0.2	0.2	-0.2	0.5	0.0	0.0	0.0	0.0
10	AN	-4.4	-6.5 [^]	-5.0	-10.3 [^]	0.0	-0.1	0.0	-0.3
10	BN	-0.2	0.5	-0.2	-5.8 [^]	0.0	-0.1	0.0	-0.2
10	D	0.7	0.7	0.7	-0.2	0.0	0.0	0.0	-0.1
10	C	-0.3	-0.3	-0.3	-1.6	-0.2	-0.1	-0.1	-0.2
10	All	-0.4	-0.6	-0.7	-2.5	0.0	0.0	0.0	-0.1
11	W	-0.3	-0.5	-0.3	-0.3	0.0	0.0	0.0	0.0
11	AN	-0.9	-0.9	-0.6	-0.9	0.0	0.0	0.0	0.0
11	BN	-0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0
11	D	0.4	0.6	0.4	1.1	0.0	0.0	0.0	0.0
11	C	3.1	3.6	1.9	2.2	0.0	-0.1	0.0	0.0
11	All	0.3	0.4	0.2	0.4	0.0	0.0	0.0	0.0
12	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-60. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River Below Keswick, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	C	0.0	0.0	0.0	0.0	-0.3	-1.2^	-0.3	-3.3^
9	All	0.0	0.0	0.0	0.0	-0.3	-1.2^	-0.3	-3.3^
10	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.4	0.2	0.2	NA	NA	NA	NA
10	C	0.0	-1.6	-0.3	-9.1^	0.1	0.1	0.1	0.5
10	All	0.0	-0.2	0.0	-1.3	0.1	0.1	0.1	0.3
11	W	-0.3	0.1	-0.3	-0.1	0.1	0.0	0.1	0.0
11	AN	-0.3	-0.9	-0.3	-0.9	0.0	NA	0.0	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	-0.2	0.0	0.4	0.0	0.0	0.0	0.0
11	C	4.2	2.2	0.3	2.2	0.0	0.0	0.1	0.0
11	All	0.5	0.2	-0.1	0.2	0.0	0.1	0.1	0.0
12	W	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.3	-0.1	-0.1	-0.1	-0.2
12	BN	-0.2	0.0	-0.2	-0.5	0.0	0.0	0.0	-0.2
12	D	0.0	0.0	0.0	-0.4	-0.2	-0.2	-0.2	-0.4
12	C	1.1	-0.3	0.0	-1.1	0.1	0.0	0.0	0.1
12	All	0.2	0.0	0.0	-0.2	-0.1	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-61. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River below Clear Creek, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.3	-0.3	0.3	-0.8	-0.1	-0.1	-0.1	-0.6^
9	BN	0.5	-1.7	1.0	-1.4	0.0	0.0	0.0	0.0
9	D	-0.6	-1.5	-0.6	0.0	0.0	-0.1	0.0	-0.1
9	C	-6.9^	-6.4^	-5.6^	-8.6^	-0.1	-0.2	0.0	-0.4
9	All	-1.1	-1.6	-0.7	-1.6	-0.1	-0.2	-0.1	-0.3
10	W	0.5	0.2	0.6	0.5	-0.1	-0.1	-0.2	-0.1
10	AN	0.3	0.3	0.3	-1.2	0.0	0.0	0.0	-0.2
10	BN	0.0	-0.2	0.2	-0.7	0.0	0.0	0.0	0.1
10	D	-0.4	-1.1	-0.5	-2.5	0.1	0.1	0.1	0.2
10	C	-7.8^	-0.8	-1.3	-5.1^	0.2	0.0	0.1	-0.1
10	All	-1.0	-0.3	0.0	-1.4	0.1	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	-0.4	-0.6	-0.3	-0.9	0.0	0.0	0.0	0.0
11	AN	-0.6	-3.3	-1.5	-3.6	0.0	0.0	0.0	0.0
11	BN	0.5	-1.0	0.0	0.2	0.0	0.0	0.0	0.0
11	D	-0.7	-0.2	-0.6	-1.1	0.0	0.0	0.0	0.0
11	C	3.9	4.4	1.7	6.7*	0.1	0.0	0.0	0.0
11	All	0.3	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	-0.9	-0.6	-0.9	-0.9	0.0	0.0	0.0	0.0
12	BN	-0.2	0.0	-0.2	0.0	0.0	0.0	0.0	-0.1
12	D	-0.5	-0.5	-0.5	-0.7	-0.1	-0.2	-0.1	-0.2
12	C	0.8	0.0	0.3	-0.5	0.1	0.0	0.0	0.0
12	All	-0.2	-0.2	-0.2	-0.4	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-62. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River at Balls Ferry, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.3	0.0	0.3	0.0	-0.1	0.0	0.0
9	AN	-0.6	-1.7	-0.8	-3.3	0.1	0.1	0.2	-0.1
9	BN	2.1	-0.7	2.1	2.6	0.0	-0.1	0.0	-0.1
9	D	-1.7	-2.2	-1.5	-2.8	0.0	0.0	0.0	0.0
9	C	-2.8	-2.5	-2.8	-6.1 [^]	-0.2	-0.4	-0.2	-0.4
9	All	-0.5	-1.1	-0.5	-1.5	-0.1	-0.1	-0.1	-0.2
10	W	0.1	-0.1	0.1	0.0	0.0	0.0	0.0	0.1
10	AN	-2.1	-2.9	-2.1	-4.7	0.1	0.1	0.1	-0.3
10	BN	0.0	-0.5	0.0	-2.5	0.0	0.0	0.0	0.1
10	D	0.4	-0.4	0.0	-3.9	0.0	0.1	0.0	0.1
10	C	-10.2 [^]	-3.0	-4.3	-7.8 [^]	0.2	0.1	0.1	0.0
10	All	-1.7	-1.0	-0.9	-3.1	0.1	0.1	0.1	0.1
11	W	-0.1	-0.3	-0.1	-0.6	0.0	0.0	0.0	0.0
11	AN	-0.9	0.6	-0.9	-0.3	0.0	0.0	0.0	-0.1
11	BN	0.5	-0.7	0.5	-0.2	0.0	0.0	0.0	0.0
11	D	1.1	1.1	0.7	1.3	0.0	0.0	0.0	0.0
11	C	5.8 [*]	4.7	3.3	5.0	0.0	-0.1	0.0	-0.1
11	All	1.0	0.8	0.6	0.7	0.0	0.0	0.0	0.0
12	W	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0
12	AN	-0.6	-0.6	-0.6	-0.3	0.0	0.0	0.0	-0.1
12	BN	-0.2	0.0	-0.2	0.0	0.1	0.0	0.1	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-63. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River Near Bend Bridge, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	-0.1	0.5	-0.1	1.0	0.0	0.0	0.0	0.0
9	AN	3.6	-0.3	3.3	-7.2^	0.1	0.0	0.1	-0.2
9	BN	1.2	1.2	1.4	2.1	0.1	-0.1	0.0	0.0
9	D	0.0	-0.4	0.0	-0.2	0.0	-0.1	0.0	0.0
9	C	-1.4	-0.6	-1.4	-1.4	-0.3	-0.5	-0.3	-0.5^

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	0.5	0.2	0.5	-0.6	-0.1	-0.1	-0.1	-0.1
10	W	0.5	0.0	0.5	0.2	0.0	0.0	0.0	0.0
10	AN	-5.3^	-7.0^	-4.4	-14.4^	0.0	0.0	-0.1	-0.1
10	BN	0.2	-1.2	-0.2	-6.5^	0.0	0.0	0.0	-0.1
10	D	2.2	1.1	2.0	-3.9	0.0	0.0	0.0	0.0
10	C	-5.6^	-1.3	-1.9	-5.4^	0.0	0.0	0.0	-0.1
10	All	-0.9	-1.1	-0.3	-4.7	0.0	0.0	0.0	0.0
11	W	-0.4	-0.5	-0.3	-0.4	0.0	0.0	0.0	0.0
11	AN	-0.3	-0.6	-0.3	-0.9	0.0	0.0	0.0	0.0
11	BN	-1.0	-0.7	-0.7	0.0	0.0	0.0	0.0	0.0
11	D	0.0	0.4	-0.2	0.9	0.1	0.1	0.1	0.1
11	C	0.3	1.1	0.8	0.6	0.1	0.0	0.0	0.0
11	All	-0.3	-0.1	-0.2	0.0	0.0	0.0	0.0	0.0
12	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-64. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River below Red Bluff Diversion Dam, 55.4°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.5	1.0	0.3	0.4	0.0	0.0	0.0	0.0
9	AN	1.9	-0.8	1.9	1.7	0.1	0.0	0.1	-0.3
9	BN	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
9	D	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
9	C	0.0	0.0	0.0	0.0	-0.5	-0.5^	-0.4	-0.6^
9	All	0.4	0.2	0.4	0.4	-0.1	-0.1	0.0	-0.1
10	W	0.6	0.1	0.2	0.5	0.0	0.0	0.0	0.0
10	AN	-3.5	-5.9^	-3.8	-10.3^	-0.1	-0.1	-0.1	-0.3
10	BN	0.5	0.0	0.5	-7.1^	0.0	0.0	0.0	-0.1
10	D	0.9	0.5	0.7	-0.7	0.0	0.0	0.0	-0.1
10	C	-0.8	-0.3	-0.5	-1.3	-0.1	-0.1	-0.1	-0.2
10	All	-0.1	-0.7	-0.3	-2.8	0.0	0.0	0.0	-0.1
11	W	0.0	0.1	0.1	-0.1	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	-0.6	-0.6	-0.9	-1.2	0.0	0.0	0.0	0.0
11	BN	0.5	0.0	0.2	0.5	0.0	0.0	0.0	0.0
11	D	0.7	0.7	0.2	1.1	0.0	0.0	0.0	0.0
11	C	3.9	3.9	2.5	3.9	-0.1	-0.1	-0.1	-0.1
11	All	0.7	0.7	0.4	0.7	0.0	0.0	0.0	0.0
12	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-65. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River Below Keswick, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-66. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River below Clear Creek, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-67. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River at Balls Ferry, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.2	NA	NA	NA	NA
4	D	-0.2	-0.4	-0.2	-0.6	0.1	-0.2	0.1	-0.2
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
4	All	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
5	W	0.1	-1.1	0.1	-1.2	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.5	0.0	0.0	0.0	-0.2	0.0	0.0
5	D	-0.2	0.2	-0.2	0.5	-0.6 [^]	-0.5	-0.6 [^]	-0.4
5	C	0.0	0.0	0.0	0.3	0.0	0.0	0.0	-0.1
5	All	0.0	-0.2	0.0	-0.2	-0.1	-0.2	-0.1	-0.2
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.2	-0.2	0.2	0.2	-0.2	-0.3	-0.3	-0.3
6	C	-0.3	0.0	0.3	0.6	-0.2	-0.3	-0.1	-0.2
6	All	0.0	0.0	0.1	0.1	-0.2	-0.3	-0.3	-0.3

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-68. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River Near Bend Bridge, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.3
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.0	0.2	0.0	1.0	0.1	0.1	0.1	0.3
4	D	-0.2	0.2	-0.2	-0.4	0.0	-0.1	0.0	0.0
4	C	0.0	0.3	0.0	0.3	0.0	0.0	0.0	-0.1
4	All	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.1
5	W	-0.2	-1.4	-0.2	-1.1	0.0	-0.3	0.0	-0.4
5	AN	0.0	0.3	0.3	-0.5	0.0	0.0	0.0	0.1
5	BN	-0.2	1.8	-0.2	1.8	0.0	-0.1	0.0	-0.1
5	D	0.0	0.2	-0.4	0.4	-0.1	0.0	0.0	0.0
5	C	-0.3	0.5	0.3	2.4	-0.1	0.0	0.0	0.0
5	All	-0.2	0.0	-0.1	0.3	0.0	-0.1	0.0	-0.1
6	W	-0.1	-0.3	-0.1	-0.3	0.0	0.1	0.0	0.1
6	AN	0.6	3.9	0.6	5.6*	0.0	0.0	0.0	0.0
6	BN	0.0	0.2	0.2	5.5*	0.0	0.0	0.0	-0.1
6	D	-0.6	-0.4	-0.6	0.6	0.2	0.0	0.1	-0.2
6	C	0.3	4.7	5.0	3.9	0.0	0.0	0.0	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	0.0	1.1	0.7	2.4	0.0	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-69. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River below Red Bluff Diversion Dam, 61°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.6	0.0	0.8	0.0	0.1	0.0	0.2
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.5	1.0	0.5	1.7	0.0	0.0	0.0	0.2
4	D	1.3	2.4	1.3	1.7	-0.1	-0.1	-0.1	-0.1
4	C	-0.3	-0.8	-1.1	-0.6	0.0	0.1	0.1	0.0
4	All	0.3	0.8	0.2	0.8	0.0	0.0	0.0	0.0
5	W	0.2	-1.7	0.2	-1.2	0.0	-0.2	0.0	-0.3
5	AN	0.3	0.0	0.3	-2.7	0.0	0.0	0.0	0.0
5	BN	-0.2	3.0	0.0	3.7	0.0	0.0	0.0	-0.1
5	D	-0.2	1.8	-0.2	3.8	0.0	0.0	0.0	0.0
5	C	1.6	2.4	2.2	4.0	-0.1	0.0	-0.1	0.0
5	All	0.3	0.7	0.4	1.3	0.0	-0.1	0.0	-0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	W	-0.5	-0.5	-0.5	-0.9	0.0	0.0	0.0	0.0
6	AN	0.0	6.1*	-0.3	11.1*	0.0	0.1	0.0	0.1
6	BN	0.0	1.4	0.5	7.4*	0.0	0.0	0.0	0.2
6	D	-0.4	0.4	0.2	2.0	0.0	-0.1	-0.1	-0.2
6	C	-1.9	3.9	0.8	1.9	0.1	0.1	0.2	0.2
6	All	-0.5	1.6	0.0	3.3	0.0	0.1	0.1	0.1

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-70. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River at Hamilton City, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.3	0.0	0.3	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.7	0.1	0.1	0.1	0.3
4	D	0.0	0.2	0.0	-0.2	0.0	-0.1	0.0	0.0
4	C	-0.8	-1.1	-1.1	-1.1	0.2	0.3	0.3	0.3
4	All	-0.1	0.0	-0.2	0.0	0.1	0.0	0.1	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.2	-1.4	0.2	-0.7	0.0	-0.3	0.0	-0.4
5	AN	0.0	0.0	0.0	-3.2	0.0	0.0	0.0	0.1
5	BN	-0.2	2.3	-0.2	2.1	0.0	-0.1	0.0	0.0
5	D	-0.2	1.6	-0.2	2.7	-0.1	-0.1	-0.1	-0.1
5	C	0.8	1.6	1.1	4.6	-0.1	-0.1	-0.1	-0.2
5	All	0.1	0.6	0.2	0.9	0.0	-0.2	0.0	-0.2
6	W	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
6	AN	0.0	8.6*	0.0	8.9*	0.0	0.1	0.0	0.3
6	BN	0.0	0.2	0.0	5.2*	0.0	0.1	0.0	0.3
6	D	0.4	-0.7	0.2	2.0	0.0	0.1	0.0	0.0
6	C	1.9	5.0	3.9	4.7	0.1	0.1	0.1	0.2
6	All	0.4	1.9	0.7	3.4	0.0	0.1	0.0	0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-71. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Immigration, Sacramento River Below Keswick, 68°F 7DADM¹

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-72. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Immigration, Sacramento River near Bend Bridge, 68°F 7DADM¹

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-0.8	-1.7	-0.8	-2.2	-0.5 [^]	-1.1 [^]	-0.5 [^]	NA
9	All	-0.1	-0.2	-0.1	-0.3	-0.5 [^]	-1.1 [^]	-0.5 [^]	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-73. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Immigration, Sacramento River below Red Bluff Diversion Dam, 68°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-1.4	-2.2	-1.4	-2.8	-0.5	-0.6^	-0.5	-1.2^
9	All	-0.2	-0.3	-0.2	-0.4	-0.5	-0.6^	-0.5	-1.2^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-74. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Holding, Sacramento River Below Keswick, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.3	-0.8	-1.3	-1.8 [^]	NA	-1.8 [^]	NA
8	All	-0.1	-0.2	-0.1	-0.2	-1.8 [^]	NA	-1.8 [^]	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-75. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Holding, Sacramento River at Balls Ferry, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.1	-2.2	-1.1	-3.5	-1.1^	-1.6^	-1.1^	NA
8	All	-0.2	-0.3	-0.2	-0.5	-1.1^	-1.6^	-1.1^	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-76. Water Temperature Indicator Value Analysis Results, Fall-run Chinook Salmon, Adult holding, Sacramento River below Red Bluff Diversion Dam, 61°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	-0.1	0.5	-0.1	0.5	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	7.0*	0.0	0.0	0.0	-0.4
7	BN	0.0	0.5	0.0	1.2	0.0	0.0	0.0	0.1
7	D	0.2	0.2	0.0	0.5	0.0	-0.1	0.0	-0.3
7	C	0.0	1.6	0.3	1.9	0.0	0.0	0.0	0.0
7	All	0.0	0.5	0.0	1.8	0.0	0.0	0.0	-0.1
8	W	0.0	0.2	0.0	0.2	0.0	-0.1	0.0	-0.1
8	AN	0.8	0.8	0.8	3.2	0.1	0.1	0.1	0.4
8	BN	2.5	0.9	2.5	4.1	0.2	0.0	0.2	0.6*

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.2	0.4	-0.2	0.7	0.0	0.0	0.0	0.0
8	C	-14.0^	-12.9^	-14.2^	-16.9^	-0.1	-0.2	-0.1	-0.3
8	All	-1.5	-1.5	-1.6	-1.1	-0.1	-0.2	-0.1	-0.1

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Feather River

Table 11D-77. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning and Embryo Incubation, Feather River Low-Flow Channel below the Fish Barrier Dam, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	-5.6^	-11.1^	-5.6^	0.0	-0.3	-0.3	-0.3	-0.3
10	C	-8.3^	0.0	0.0	0.0	0.5	-0.1	-0.1	-0.1
10	All	-2.5	-2.5	-1.2	0.0	0.5*	0.5*	0.1	-0.2
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
11	All	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-78. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning and Embryo Incubation, Feather River Below the Thermalito Afterbay Outlet, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
10	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
10	D	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.2
10	C	0.0	0.0	0.0	0.0	0.2	0.2	0.2	-0.1
10	All	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
11	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	5.6*	-5.6^	0.0	-5.6^	-0.3	0.7*	0.0	0.7*
11	C	8.3*	8.3*	8.3*	8.3*	-0.2	-0.2	-0.2	-0.2
11	All	2.5	0.0	1.2	0.0	-0.1	0.1	0.0	0.1
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-79. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, Feather River Low-Flow Channel below the Fish Barrier Dam, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-80. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, Feather River Below the Thermalito Afterbay Outlet, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	-5.6 [^]	0.0	0.0	0.0	0.1
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
5	All	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-81. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Immigration, Feather River Low-Flow Channel below the Fish Barrier Dam, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-8.3^	-8.3^	-8.3^	0.0	NA	NA	NA	-1.0^
8	All	-1.2	-1.2	-1.2	0.0	NA	NA	NA	-1.0^
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-3.0^	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0	-3.0^	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-82. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Immigration, Feather River Below the Thermalito Afterbay Outlet, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	-2.9^	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	-1.2^	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	-1.3^	0.0	0.0	-0.1

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0	-3.6^	0.1	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-4.2^	-0.3	-0.2	-0.2
8	All	0.0	0.0	0.0	0.0	-3.0^	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	7.1*	0.0	7.1*	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-2.5^	0.0	0.0	0.5
9	All	0.0	1.2	0.0	1.2	-2.5^	-0.8^	0.0	-0.5
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-83. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Holding, Feather River Low-Flow Channel below the Fish Barrier Dam, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
8	C	0.0	0.0	0.0	0.0	-0.4	-0.5	-0.4	-0.2
8	All	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	8.3*	0.0	-0.3	0.0	-1.2^	0.0

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	0.0	0.0	1.2	0.0	-0.3	0.0	-1.2^	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	-8.3^	0.3	0.3	0.3	1.0*
10	All	0.0	0.0	0.0	-1.2	0.3	0.3	0.3	1.0*
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-84. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Holding, Feather River Below the Thermalito Afterbay Outlet, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.2	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	-0.1
9	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0
9	D	5.6*	5.6*	0.0	0.0	0.0	0.1	0.2	0.3
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
9	All	1.2	1.2	0.0	0.0	0.0	0.0	0.1	0.1
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	C	8.3*	8.3*	8.3*	0.0	-0.5	-0.5	-0.5	0.0
10	All	1.2	1.2	1.2	0.0	-0.2	-0.2	-0.2	0.0
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

American River

Table 11D-85. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning and Embryo Incubation, American River at Hazel Avenue, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
10	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	C	1.1	-2.4	-1.9	1.1	0.3	0.1	0.2	-0.2
10	All	0.2	-0.4	-0.3	0.2	0.0	0.0	0.0	-0.1
11	W	0.1	-0.4	0.3	0.0	0.0	0.0	0.0	0.0
11	AN	0.0	0.6	0.0	1.5	0.0	0.0	0.0	0.2
11	BN	-0.2	-0.7	0.0	0.0	0.0	0.0	0.0	0.0
11	D	-0.7	0.2	-1.5	1.9	0.0	0.0	0.0	0.0
11	C	5.3*	1.4	3.1	0.3	0.0	0.0	0.1	0.1
11	All	0.6	0.1	0.2	0.7	0.0	0.0	0.0	0.0
12	W	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0
12	AN	0.0	0.3	0.0	0.9	0.2	0.1	0.2	0.2
12	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0	-0.5	0.0	0.0	0.0
12	All	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-86. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Spawning and Embryo Incubation, American River at Watt Avenue, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
10	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
10	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0	0.2	0.0	0.0	-0.1
10	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0
11	AN	0.0	0.6	0.3	2.4	0.0	0.0	0.0	0.2
11	BN	0.0	0.0	0.2	1.2	0.0	0.0	0.0	0.0
11	D	-1.7	0.0	-1.9	0.4	0.0	0.0	0.0	0.0
11	C	2.8	0.6	0.6	0.6	0.0	0.0	0.1	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	All	0.0	0.2	-0.2	0.9	0.0	0.0	0.0	0.0
12	W	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0
12	AN	0.0	0.3	0.0	0.6	0.0	0.1	0.0	0.0
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	-0.2	0.0	-0.2	0.0	0.2	0.0	0.2	0.0
12	C	-0.3	0.0	0.0	0.0	NA	0.0	0.0	0.0
12	All	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	-0.3	0.0	0.0	-0.3	0.2	0.0	0.0	0.2
2	All	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-87. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, American River at Hazel Avenue, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.2	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	-0.5	-0.5	-0.5	-0.5	0.0	0.0	0.0	0.0
5	D	-0.2	-2.0	-0.2	-2.0	0.0	0.1	0.0	0.1
5	C	0.3	0.3	-0.5	1.6	0.0	0.0	0.0	0.0
5	All	-0.1	-0.5	-0.2	-0.3	0.0	0.1	0.0	0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-88. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Juvenile Rearing and Emigration, American River at Watt Avenue, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0
4	C	0.3	0.6	0.3	1.4	0.0	-0.1	0.0	-0.1
4	All	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0
5	W	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0
5	C	-0.8	-0.8	-1.6	-3.0	0.0	0.1	0.0	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	All	-0.2	-0.2	-0.3	-0.4	0.0	0.1	0.0	0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-89. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Immigration, American River at Hazel Avenue, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.5	NA	NA	NA	NA
9	D	0.0	0.2	0.0	-0.4	0.0	0.0	0.0	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	-0.5	1.1	1.3	-0.5	NA	0.0	0.3	NA
10	All	-0.1	0.2	0.2	-0.1	NA	0.0	0.3	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-90. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Immigration, American River at Watt Avenue, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	-0.3	-0.1	-0.3	0.0	0.0	0.0	0.0	0.0
9	AN	-0.6	-2.8	-0.3	0.6	0.0	0.0	0.0	-0.1
9	BN	0.5	2.4	-1.9	3.8	0.0	-0.1	0.0	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	D	3.3	4.1	3.3	1.9	0.0	0.0	0.0	0.0
9	C	0.8	0.6	0.8	-1.1	0.0	0.0	0.0	0.0
9	All	0.8	0.9	0.4	1.0	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	NA
10	AN	0.0	0.0	0.0	1.2	NA	NA	NA	NA
10	BN	-0.2	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.2
10	D	-0.4	0.0	-0.4	-0.2	0.0	0.0	0.0	0.0
10	C	1.3	0.0	0.5	0.3	-0.3	0.0	0.0	0.0
10	All	0.1	0.0	0.0	0.1	-0.2	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-91. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Staging, American River at Hazel Avenue, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	-0.4	-0.6	-0.4	-0.5	0.0	0.0	0.0	0.0
7	AN	-0.8	-0.5	-0.8	-0.8	0.0	0.1	0.0	0.2
7	BN	-0.2	0.9	-0.2	-0.7	0.0	0.0	0.0	0.0
7	D	-0.2	0.5	-0.4	-0.2	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
7	All	-0.3	0.0	-0.4	-0.4	0.0	0.0	0.0	0.0
8	W	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0
8	AN	0.3	-1.3	0.3	-4.3	0.0	0.0	0.0	0.0
8	BN	0.7	0.7	-0.5	0.0	0.0	0.0	0.0	0.0
8	D	0.9	0.7	1.1	3.0	0.0	-0.1	0.0	-0.1
8	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	All	0.4	0.1	0.2	0.1	0.0	0.0	0.0	0.0
9	W	-0.4	-0.5	-0.5	-0.4	0.0	0.0	0.0	0.1
9	AN	0.0	-0.6	0.0	-0.6	0.0	-0.1	0.0	-0.1
9	BN	-0.2	-0.5	0.2	-1.4	0.0	0.0	0.0	0.1
9	D	-0.7	-0.6	-0.7	-0.2	0.1	0.2	0.1	0.1
9	C	0.6	0.6	0.6	-1.1	0.0	0.0	0.0	-0.1
9	All	-0.2	-0.4	-0.2	-0.7	0.0	0.0	0.0	0.0
10	W	0.0	0.4	0.0	0.7	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	AN	-0.9	-4.4	-1.2	-2.3	0.0	0.1	0.0	0.1
10	BN	-0.9	-1.8	-1.2	-2.1	0.0	0.0	0.0	0.0
10	D	-2.3	0.4	-2.2	0.7	0.0	0.0	0.0	0.0
10	C	3.8	-0.5	0.3	-0.3	-0.2	-0.1	-0.1	-0.2
10	All	-0.2	-0.8	-0.8	-0.3	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.6	0.0	0.0	0.0	-0.3
11	BN	0.0	0.2	0.0	0.0	NA	NA	NA	NA
11	D	-0.6	-0.4	-0.7	0.0	0.0	0.1	0.1	0.0
11	C	0.0	-0.3	-0.3	-0.3	0.1	0.1	0.1	0.1
11	All	-0.1	-0.1	-0.2	0.0	0.1	0.1	0.1	0.0
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-92. Water Temperature Indicator Value Analysis Results, Fall-Run Chinook Salmon, Adult Staging, American River at Watt Avenue, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
7	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
7	D	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
7	C	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
7	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
8	D	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1
8	C	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.3
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
9	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
9	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
9	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	W	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	-1.2	-0.3	-3.2	0.0	0.0	0.0	0.0
10	BN	-0.2	-0.7	-0.5	-0.5	0.0	0.0	0.0	-0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	D	-0.4	0.0	-0.2	-1.1	0.0	0.0	0.0	0.0
10	C	4.8	0.0	0.0	1.1	-0.1	0.0	0.0	-0.2
10	All	0.7	-0.3	-0.1	-0.6	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1
11	AN	0.0	-0.3	0.0	2.1	0.0	0.1	0.0	0.3
11	BN	0.0	-0.2	0.0	-1.0	0.0	0.0	-0.1	0.0
11	D	-0.6	-0.2	-0.4	-0.6	0.0	0.0	0.0	0.0
11	C	0.3	-0.6	-0.6	1.4	0.0	0.0	0.0	-0.1
11	All	-0.1	-0.2	-0.2	0.2	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

**11D.2.3.2 Late Fall–Run Chinook Salmon
Sacramento River**

Table 11D-93. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Keswick, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	-0.5	-1.1	-0.4	-1.7	0.0	0.1	0.0	0.1
12	AN	-0.9	0.6	-0.3	-1.5	-0.1	-0.1	-0.1	-0.1
12	BN	-0.2	0.0	0.0	-0.9	-0.1	0.0	-0.1	-0.1
12	D	-0.4	-1.1	0.0	-2.7	0.0	-0.1	-0.1	-0.1
12	C	2.4	0.8	1.3	1.9	0.0	0.0	0.0	0.0
12	All	0.0	-0.4	0.0	-1.2	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
4	AN	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0
4	BN	-0.5	-0.7	-0.7	0.5	0.1	0.1	0.1	0.2
4	D	2.0	0.7	2.0	0.4	0.0	0.1	0.0	0.0
4	C	-0.6	-0.8	-0.3	-1.4	0.1	0.3	0.1	0.3
4	All	0.3	0.0	0.3	0.1	0.0	0.1	0.0	0.1
5	W	-0.1	-0.9	-0.1	-0.6	0.0	0.0	0.0	0.0
5	AN	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.2	1.2	0.2	0.9	0.0	0.0	0.0	0.0
5	D	-1.8	-1.6	-2.0	-1.8	0.0	0.1	0.0	0.1
5	C	-0.8	0.3	0.0	-0.5	0.0	0.0	0.0	0.1
5	All	-0.5	-0.4	-0.4	-0.5	0.0	0.0	0.0	0.0
6	W	0.0	-0.1	0.0	-0.1	0.0	NA	0.0	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	-1.1	-0.9	-0.7	-0.7	0.1	0.0	-0.1	0.0
6	C	-7.5^	-3.3	-4.2	-6.1^	0.0	0.0	0.0	0.1
6	All	-1.3	-0.7	-0.8	-1.1	0.0	0.0	0.0	0.1

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-94. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Clear Creek, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	-0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
12	AN	-0.6	-0.6	-0.6	-1.8	0.0	0.0	0.0	0.0
12	BN	-0.5	0.0	-0.5	-0.9	0.0	0.0	0.0	0.0
12	D	-1.3	-2.0	-1.3	-3.8	0.0	0.0	0.0	0.0
12	C	-0.3	-1.3	-0.5	2.2	0.1	0.1	0.1	-0.1
12	All	-0.5	-0.7	-0.5	-1.0	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	-0.3
3	C	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.1
3	All	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0
4	W	0.0	0.3	0.0	0.9	0.0	0.0	0.0	0.1
4	AN	0.0	-0.3	0.0	0.3	0.0	0.0	0.0	0.0
4	BN	-0.2	0.2	-0.2	0.5	0.0	0.0	0.0	0.1
4	D	2.6	4.6	2.6	4.6	0.0	0.0	0.0	0.0
4	C	0.8	0.3	0.0	0.0	-0.1	0.0	0.0	0.0
4	All	0.7	1.1	0.5	1.4	0.0	0.0	0.0	0.0
5	W	0.1	-0.7	0.1	-0.6	0.0	-0.1	0.0	-0.1
5	AN	0.5	0.3	0.5	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.9	0.0	0.9	0.0	0.1	0.0	0.1
5	D	0.5	0.5	0.5	0.9	-0.1	0.0	-0.1	0.0
5	C	-3.8	-2.2	-2.4	-3.0	0.1	0.1	0.1	0.2
5	All	-0.3	-0.2	-0.1	-0.3	0.0	0.0	0.0	0.0
6	W	-0.5	-0.4	-0.5	-0.5	0.0	0.1	0.0	0.1
6	AN	0.0	3.1	0.0	4.4	0.0	0.1	0.0	0.1
6	BN	0.5	0.7	0.5	6.2*	0.0	0.0	0.1	0.0
6	D	0.6	0.6	0.4	1.3	-0.3	-0.3	-0.3	-0.5
6	C	-4.7	0.8	-0.6	-2.2	-0.1	0.0	0.0	0.0
6	All	-0.7	0.7	-0.1	1.5	-0.1	0.0	0.0	-0.1

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-95. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River at Ball Ferry, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
12	AN	-0.3	0.0	-0.3	-0.3	-0.1	-0.1	-0.1	-0.1
12	BN	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.1
12	D	0.0	0.0	0.0	-0.4	-0.2	-0.2	-0.2	-0.4
12	C	0.5	0.0	0.0	-0.3	0.2	0.0	0.0	-0.2
12	All	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5
3	BN	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.2	0.2	0.2	-0.2	0.0	-0.1	-0.1	-0.1
3	C	0.0	0.3	0.0	-0.3	0.0	-0.1	0.0	0.1
3	All	0.1	0.1	0.1	-0.1	0.0	0.0	0.0	0.0
4	W	0.0	0.4	0.0	1.3	0.0	0.0	0.0	0.1
4	AN	0.8	0.8	0.3	3.1	0.0	0.0	0.0	0.0
4	BN	0.0	-0.2	0.0	-0.5	0.0	0.0	0.0	0.1
4	D	0.9	2.4	0.9	3.7	0.1	0.1	0.1	0.0
4	C	2.8	1.4	-1.9	-2.2	0.0	0.0	0.1	0.0
4	All	0.7	0.9	0.0	1.3	0.0	0.0	0.0	0.0
5	W	0.0	-1.0	0.0	-1.0	0.0	-0.1	0.0	-0.1
5	AN	0.5	-0.3	0.3	-3.5	0.0	0.0	0.0	0.0
5	BN	0.0	3.2	0.0	4.1	0.0	0.0	0.0	0.0
5	D	-0.2	1.6	0.2	3.2	0.0	0.0	0.0	0.0
5	C	-0.5	-1.3	-0.5	-1.1	0.0	0.0	0.0	0.1
5	All	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0
6	W	-0.4	-0.5	-0.3	-0.4	0.0	0.0	0.0	0.0
6	AN	0.0	6.1*	0.0	10.0*	0.0	0.2	0.0	0.3
6	BN	0.2	1.9	0.2	11.4*	0.0	0.0	0.0	0.1
6	D	1.5	2.4	1.5	9.8*	-0.1	-0.1	-0.1	-0.2
6	C	-1.9	0.0	-1.7	-1.7	-0.1	0.1	0.1	0.1
6	All	0.0	1.6	0.0	5.2*	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-96. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River near Bend Bridge, 53.5°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.1
12	AN	-0.6	-0.6	-0.6	-0.6	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	-0.1	-0.1	-0.1	-0.2	0.1	0.1	0.1	0.2
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	-0.4	0.5	-0.4	-1.3	0.0	0.0	0.0	0.0
3	C	1.9	1.3	1.6	1.9	-0.1	-0.1	-0.1	-0.1
3	All	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0
4	W	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	0.1
4	AN	-0.3	-0.6	-0.3	0.0	0.0	0.0	0.0	0.1
4	BN	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1
4	D	-0.2	1.5	-0.2	0.9	0.1	0.1	0.1	0.1
4	C	2.2	1.9	0.8	-1.1	0.1	0.0	-0.1	0.0
4	All	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.1
5	W	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	-0.1
5	AN	0.5	-0.3	0.5	-0.3	0.0	0.0	0.0	-0.2
5	BN	-0.2	1.4	0.2	1.6	0.0	0.2	0.0	0.2
5	D	-0.2	0.9	-0.2	3.2	0.0	0.1	0.0	0.1
5	C	-0.5	-1.3	0.3	-0.8	0.0	0.1	0.0	0.1
5	All	-0.1	0.2	0.1	0.8	0.0	0.0	0.0	0.0
6	W	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	1.1	0.0	1.1	0.0	0.4	0.0	0.5*
6	BN	0.0	0.2	0.0	2.1	0.0	0.1	0.0	0.5
6	D	-0.4	-0.2	-0.4	1.7	0.0	0.0	0.0	0.2
6	C	0.0	0.8	0.0	0.8	0.0	0.1	0.1	0.1
6	All	-0.1	0.2	-0.1	1.0	0.0	0.1	0.0	0.2

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-97. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning, Egg Incubation, and Alevins, Sacramento River below Red Bluff Diversion Dam, 53.5°F¹

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.1	0.1	0.0	0.1	-0.1	-0.1	0.0	0.0
3	AN	0.8	0.8	0.8	0.5	-0.2	-0.2	-0.2	-0.1
3	BN	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	-0.4	0.2	-0.5	-1.8	0.0	0.0	0.0	0.0
3	C	-0.5	-3.0	-0.5	-3.2	0.0	0.1	0.0	0.1
3	All	0.0	-0.2	-0.1	-0.8	0.0	0.0	0.0	0.1
4	W	0.3	0.1	0.3	0.4	0.0	0.0	0.0	0.1
4	AN	0.0	-0.6	0.0	-1.4	0.0	0.0	0.0	0.1
4	BN	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.1
4	D	0.0	0.4	0.0	0.4	0.0	0.1	0.0	0.1
4	C	3.1	3.6	3.1	1.7	0.1	0.0	-0.1	-0.1
4	All	0.6	0.6	0.6	0.3	0.0	0.0	0.0	0.1
5	W	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0	-0.1
5	AN	0.0	-0.3	0.0	-0.3	0.0	0.0	0.0	-0.2
5	BN	0.0	0.2	0.0	0.2	0.0	0.2	0.0	0.3
5	D	0.0	0.5	0.0	0.7	0.0	0.1	0.0	0.2
5	C	0.3	-0.3	0.5	0.5	0.0	0.1	0.0	0.1
5	All	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.6*
6	BN	0.0	0.0	0.0	0.5	0.0	0.1	0.0	0.6*
6	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
6	C	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2
6	All	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.3

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-98. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River below Keswick, 55.4°F 7DADM¹

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.3	-0.1	-0.1	-0.1	-0.2
12	BN	-0.2	0.0	-0.2	-0.5	0.0	0.0	0.0	-0.2
12	D	0.0	0.0	0.0	-0.4	-0.2	-0.2	-0.2	-0.4
12	C	1.1	-0.3	0.0	-1.1	0.1	0.0	0.0	0.1
12	All	0.2	0.0	0.0	-0.2	-0.1	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.2	0.5	0.2	1.0	0.1	0.1	0.1	0.3
4	D	0.2	1.1	0.2	-0.7	0.0	-0.1	0.0	-0.1
4	C	0.0	0.0	0.0	-0.3	0.0	0.3	0.0	0.2
4	All	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0
5	W	-0.1	-0.6	0.0	-0.9	0.0	0.1	0.0	0.1
5	AN	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.1
5	BN	-0.2	-0.5	-0.5	0.0	0.0	0.2	0.0	0.0
5	D	-0.5	0.0	-0.5	-0.2	0.1	0.1	0.1	0.0
5	C	-0.5	0.3	-0.5	0.0	0.0	0.1	0.0	0.2
5	All	-0.3	-0.2	-0.3	-0.4	0.0	0.1	0.0	0.1
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	-0.6	-0.6	-0.9	-0.6	0.1	-0.1	-0.1	-0.2
6	C	-2.5	0.6	0.0	1.9	0.0	0.0	0.0	0.0
6	All	-0.5	0.0	-0.2	0.2	0.0	-0.1	0.0	-0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-99. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River below Clear Creek, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	-0.9	-0.6	-0.9	-0.9	0.0	0.0	0.0	0.0
12	BN	-0.2	0.0	-0.2	0.0	0.0	0.0	0.0	-0.1
12	D	-0.5	-0.5	-0.5	-0.7	-0.1	-0.2	-0.1	-0.2
12	C	0.8	0.0	0.3	-0.5	0.1	0.0	0.0	0.0
12	All	-0.2	-0.2	-0.2	-0.4	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	-0.3
3	C	0.0	-0.3	0.0	-0.3	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	-0.2
4	W	-0.3	0.1	0.0	0.6	0.0	0.0	0.0	0.1
4	AN	0.0	-0.3	0.0	0.3	0.0	0.0	0.0	0.0
4	BN	-0.5	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.1
4	D	1.5	2.2	1.5	3.1	0.1	0.0	0.1	0.0
4	C	0.8	0.8	0.6	0.3	-0.1	0.0	0.0	0.0
4	All	0.3	0.6	0.4	0.9	0.0	0.0	0.0	0.0
5	W	0.0	-1.2	0.0	-1.1	0.0	-0.1	0.0	-0.1
5	AN	0.0	0.3	0.0	-0.8	0.0	0.0	0.0	0.0
5	BN	0.0	0.9	0.0	1.2	0.0	0.1	0.0	0.0
5	D	0.0	0.9	-0.2	0.7	0.0	0.0	0.0	0.0
5	C	-1.3	-1.1	-0.3	-1.6	0.0	0.1	0.0	0.2
5	All	-0.2	-0.2	-0.1	-0.4	0.0	0.0	0.0	0.0
6	W	0.1	0.4	0.0	0.3	0.0	0.0	0.0	0.0
6	AN	0.0	1.4	0.0	2.5	0.0	0.2	0.0	0.2
6	BN	0.0	0.5	0.7	3.3	0.0	-0.1	-0.2	-0.1
6	D	0.4	0.2	0.4	0.7	-0.3	-0.2	-0.4	-0.4
6	C	-5.3^	0.8	0.0	-2.5	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	-0.7	0.6	0.2	0.8	-0.1	0.0	0.0	-0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-100. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River at Balls Ferry, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0
12	AN	-0.6	-0.6	-0.6	-0.3	0.0	0.0	0.0	-0.1
12	BN	-0.2	0.0	-0.2	0.0	0.1	0.0	0.1	0.0
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
3	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
4	W	0.0	0.1	0.0	1.2	0.0	0.0	0.0	0.1
4	AN	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0
4	BN	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.1
4	D	2.2	3.0	2.2	3.5	0.0	0.1	0.0	0.0
4	C	4.7	1.9	-1.4	-1.7	-0.1	0.0	0.1	0.1
4	All	1.2	0.9	0.3	1.2	0.0	0.0	0.0	0.0
5	W	0.0	-1.2	0.0	-1.0	0.0	-0.1	0.0	-0.1
5	AN	0.0	-0.5	0.0	-2.7	0.0	0.0	0.0	0.0
5	BN	0.0	4.1	0.0	4.4	0.0	0.0	0.0	0.0
5	D	-0.2	1.4	-0.2	2.5	0.0	0.0	0.0	0.0
5	C	-1.9	-3.0	-2.4	-4.6	0.0	0.1	0.1	0.2
5	All	-0.3	0.1	-0.4	-0.1	0.0	0.0	0.0	0.0
6	W	-0.6	-0.3	-0.6	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	AN	-0.3	9.7*	-0.6	10.6*	0.0	0.1	0.0	0.2
6	BN	0.0	3.1	0.0	12.1*	0.0	0.0	0.0	0.1
6	D	0.9	2.0	1.1	10.2*	0.0	0.0	0.0	0.0
6	C	-0.8	1.1	-0.6	-1.7	-0.1	0.0	0.0	0.1
6	All	-0.2	2.5	-0.1	5.6*	0.0	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-101. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River near Bend Bridge, 55.4°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0
3	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	W	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.1
4	AN	-0.6	-0.6	-0.6	0.6	0.0	0.0	0.0	0.1
4	BN	0.5	0.0	0.2	0.7	0.0	0.0	0.0	0.1
4	D	0.2	0.9	0.2	2.0	0.1	0.1	0.0	0.1
4	C	1.7	0.3	-1.1	-2.5	0.1	0.1	0.0	0.0
4	All	0.3	0.2	-0.2	0.4	0.0	0.1	0.0	0.1
5	W	0.0	-0.2	0.0	0.0	0.0	-0.2	0.0	-0.1
5	AN	-0.3	-1.9	-0.3	-1.9	0.0	0.1	0.0	-0.1
5	BN	0.0	1.2	0.0	1.6	0.0	0.2	0.0	0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	-0.5	1.3	-0.5	3.0	0.0	0.1	0.0	0.1
5	C	0.5	0.0	1.3	-1.1	0.0	0.0	0.0	0.1
5	All	-0.1	0.1	0.0	0.5	0.0	0.0	0.0	0.0
6	W	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	1.1	0.0	1.1	0.0	0.4	0.0	0.5*
6	BN	0.0	0.7	0.5	3.1	0.0	0.1	0.0	0.5
6	D	-0.2	0.2	-0.2	2.0	0.0	0.0	0.0	0.2
6	C	0.0	1.1	0.0	1.1	0.0	0.1	0.1	0.0
6	All	0.0	0.4	0.0	1.3	0.0	0.1	0.0	0.2

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-102. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Spawning and Embryo Incubation, Sacramento River below Red Bluff Diversion Dam, 55.4°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	-0.4	0.5	-0.4	-0.9	0.0	0.0	0.0	0.0
3	C	0.8	-0.3	0.5	0.0	0.0	0.0	0.0	0.0
3	All	0.0	0.1	0.0	-0.2	0.0	0.0	0.0	0.0
4	W	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1
4	AN	-0.3	-0.3	-0.3	-0.6	0.0	0.0	0.0	0.1
4	BN	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.1
4	D	0.0	0.9	-0.2	0.7	0.0	0.1	0.0	0.1
4	C	2.8	2.8	2.2	1.9	0.1	0.0	-0.1	-0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	All	0.4	0.7	0.3	0.4	0.0	0.0	0.0	0.1
5	W	0.2	0.2	0.1	0.2	0.0	-0.2	0.0	-0.1
5	AN	0.3	0.0	0.3	0.3	0.0	0.0	0.0	-0.2
5	BN	-0.2	0.2	-0.2	0.7	0.0	0.2	0.0	0.2
5	D	0.0	0.7	0.0	1.4	0.0	0.1	0.0	0.2
5	C	-0.3	-0.8	0.5	0.3	0.0	0.1	0.0	0.1
5	All	0.0	0.2	0.1	0.6	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.6	0.3	0.6	0.0	0.5	0.0	0.6*
6	BN	0.0	0.2	0.0	1.2	0.0	0.1	0.0	0.6*
6	D	0.2	0.2	0.2	0.7	0.0	0.0	0.0	0.3
6	C	0.3	0.6	0.3	0.3	0.0	0.2	0.1	0.1
6	All	0.1	0.2	0.1	0.5	0.0	0.1	0.0	0.3

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-103. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River below Keswick, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.3	-0.8	-1.3	-1.8^	NA	-1.8^	NA
8	All	-0.1	-0.2	-0.1	-0.2	-1.8^	NA	-1.8^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	-0.8	0.0	-8.3^	-0.3	-1.0^	-0.3	NA
9	All	0.0	-0.1	0.0	-1.2	-0.3	-1.0^	-0.3	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.5	-2.4	0.0	-0.1	0.0	-0.7^
10	All	0.0	0.0	0.1	-0.4	0.0	-0.1	0.0	-0.7^
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-104. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River below Clear Creek, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.3	-2.2	-1.3	-3.0	-0.9^	-1.6^	-0.9^	NA
8	All	-0.2	-0.3	-0.2	-0.4	-0.9^	-1.6^	-0.9^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.5	-1.3^	-0.5	-3.1^
9	All	0.0	0.0	0.0	0.0	-0.5	-1.3^	-0.5	-3.1^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.5
10	All	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.5
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-105. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River at Balls Ferry, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.2	NA	NA	NA	NA
4	D	-0.2	-0.4	-0.2	-0.6	0.1	-0.2	0.1	-0.2
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
4	All	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
5	W	0.1	-1.1	0.1	-1.2	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.5	0.0	0.0	0.0	-0.2	0.0	0.0
5	D	-0.2	0.2	-0.2	0.5	-0.6^	-0.5	-0.6^	-0.4
5	C	0.0	0.0	0.0	0.3	0.0	0.0	0.0	-0.1
5	All	0.0	-0.2	0.0	-0.2	-0.1	-0.2	-0.1	-0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.2	-0.2	0.2	0.2	-0.2	-0.3	-0.3	-0.3
6	C	-0.3	0.0	0.3	0.6	-0.2	-0.3	-0.1	-0.2
6	All	0.0	0.0	0.1	0.1	-0.2	-0.3	-0.3	-0.3
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.1	-2.2	-1.1	-3.5	-1.1^	-1.6^	-1.1^	NA
8	All	-0.2	-0.3	-0.2	-0.5	-1.1^	-1.6^	-1.1^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.6^	-1.3^	-0.6^	-2.9^
9	All	0.0	0.0	0.0	0.0	-0.6^	-1.3^	-0.6^	-2.9^

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.5	0.5	0.5	0.3	-0.1	-0.1	0.0	-0.6 [^]
10	All	0.1	0.1	0.1	0.0	-0.1	-0.1	0.0	-0.6 [^]
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-106. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River near Bend Bridge, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.3
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.0	0.2	0.0	1.0	0.1	0.1	0.1	0.3
4	D	-0.2	0.2	-0.2	-0.4	0.0	-0.1	0.0	0.0
4	C	0.0	0.3	0.0	0.3	0.0	0.0	0.0	-0.1
4	All	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.1
5	W	-0.2	-1.4	-0.2	-1.1	0.0	-0.3	0.0	-0.4
5	AN	0.0	0.3	0.3	-0.5	0.0	0.0	0.0	0.1
5	BN	-0.2	1.8	-0.2	1.8	0.0	-0.1	0.0	-0.1
5	D	0.0	0.2	-0.4	0.4	-0.1	0.0	0.0	0.0
5	C	-0.3	0.5	0.3	2.4	-0.1	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	All	-0.2	0.0	-0.1	0.3	0.0	-0.1	0.0	-0.1
6	W	-0.1	-0.3	-0.1	-0.3	0.0	0.1	0.0	0.1
6	AN	0.6	3.9	0.6	5.6*	0.0	0.0	0.0	0.0
6	BN	0.0	0.2	0.2	5.5*	0.0	0.0	0.0	-0.1
6	D	-0.6	-0.4	-0.6	0.6	0.2	0.0	0.1	-0.2
6	C	0.3	4.7	5.0	3.9	0.0	0.0	0.0	0.1
6	All	0.0	1.1	0.7	2.4	0.0	0.0	0.0	0.0
7	W	0.0	-0.1	0.0	0.0	0.0	NA	0.0	0.0
7	AN	0.0	0.0	0.0	0.3	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	-0.2	-0.4	-0.4	-0.4	0.1	0.2	0.2	0.2
7	C	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.5	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	2.1	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-2.2	-3.0	-2.4	-4.6	-0.5^	-1.0^	-0.5	-1.6^
8	All	-0.3	-0.4	-0.4	-0.2	-0.6^	-1.0^	-0.5	-1.6^
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.2	0.0	0.2	0.2	-0.2	0.0	-0.2	0.1
9	D	-0.4	-2.0	-0.4	-0.4	0.0	0.1	0.0	0.0
9	C	-4.7	-6.4^	-3.6	-6.4^	0.3	0.1	0.1	-0.4

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	-0.7	-1.4	-0.6	-1.0	0.0	0.0	0.0	-0.4
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.5	0.0	0.5	-0.5	0.0	0.0	0.0	-0.4
10	All	0.1	0.0	0.1	-0.1	0.0	0.0	0.0	-0.4
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-107. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River below Red Bluff Diversion Dam, 64°F 7DADM^{1,2}

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.1	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5
4	D	0.0	-0.2	0.0	-0.2	0.0	0.2	0.0	0.2
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	-1.5	0.0	-1.5	0.0	-0.3	0.0	-0.4
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	-0.2	0.0	-0.2	-0.4	-0.4	-0.6	-0.4
5	C	-0.3	-0.3	-0.3	0.0	0.3	0.3	0.3	0.0
5	All	0.0	-0.6	0.0	-0.5	0.0	-0.2	0.0	-0.2
6	W	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
6	AN	0.0	0.6	0.0	0.6	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.4	0.4	0.0	0.4	-0.3	-0.5	-0.2	-0.4
6	C	0.0	0.6	0.8	2.5	0.4	0.2	0.3	0.0
6	All	0.1	0.2	0.1	0.5	0.1	0.0	0.1	-0.1
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	C	0.3	0.8	0.8	0.8	-0.1	-0.1	-0.1	-0.2
7	All	0.0	0.1	0.1	0.1	-0.1	-0.1	-0.1	-0.2
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.6	-2.4	-1.6	-2.4	-0.7^	NA	-0.7^	NA
8	All	-0.2	-0.4	-0.2	-0.4	-0.7^	NA	-0.7^	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.2	0.5	0.5	0.5	0.3
9	D	-0.6	-1.5	-0.6	-0.4	0.0	0.1	0.0	0.0
9	C	-3.3	-5.6^	-2.8	-4.7	0.0	-0.1	-0.1	-0.8^
9	All	-0.6	-1.1	-0.5	-0.7	0.0	-0.1	-0.1	-0.6^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	-0.3	0.0	-1.6	0.1	0.0	0.0	-0.2
10	All	0.0	0.0	0.0	-0.2	0.1	0.0	0.0	-0.2
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-108. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Juvenile Rearing and Emigration, Sacramento River at Hamilton City, 64°F 7DADM¹

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.3	0.0	0.3	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.7	0.1	0.1	0.1	0.3
4	D	0.0	0.2	0.0	-0.2	0.0	-0.1	0.0	0.0
4	C	-0.8	-1.1	-1.1	-1.1	0.2	0.3	0.3	0.3
4	All	-0.1	0.0	-0.2	0.0	0.1	0.0	0.1	0.1
5	W	0.2	-1.4	0.2	-0.7	0.0	-0.3	0.0	-0.4
5	AN	0.0	0.0	0.0	-3.2	0.0	0.0	0.0	0.1
5	BN	-0.2	2.3	-0.2	2.1	0.0	-0.1	0.0	0.0
5	D	-0.2	1.6	-0.2	2.7	-0.1	-0.1	-0.1	-0.1
5	C	0.8	1.6	1.1	4.6	-0.1	-0.1	-0.1	-0.2
5	All	0.1	0.6	0.2	0.9	0.0	-0.2	0.0	-0.2
6	W	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
6	AN	0.0	8.6*	0.0	8.9*	0.0	0.1	0.0	0.3
6	BN	0.0	0.2	0.0	5.2*	0.0	0.1	0.0	0.3
6	D	0.4	-0.7	0.2	2.0	0.0	0.1	0.0	0.0
6	C	1.9	5.0	3.9	4.7	0.1	0.1	0.1	0.2
6	All	0.4	1.9	0.7	3.4	0.0	0.1	0.0	0.1
7	W	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0
7	AN	0.3	3.8	0.3	10.8*	0.1	0.1	0.1	0.6*
7	BN	-0.2	-0.2	-0.5	1.4	0.0	0.1	0.0	0.1
7	D	-0.4	0.4	-0.5	1.4	0.0	0.0	0.1	0.0
7	C	0.8	3.0	0.8	6.2*	0.0	0.0	0.0	-0.1
7	All	0.0	1.1	0.0	3.1	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	-0.1	1.1	-0.1	1.0	0.0	0.0	0.0	0.0
8	AN	1.9	1.1	2.2	6.7*	-0.1	0.0	-0.1	0.0
8	BN	1.4	0.7	0.5	6.0*	0.2	0.0	0.2	0.3
8	D	-1.6	-0.9	-1.4	-1.3	0.0	0.0	0.0	0.1
8	C	-16.9^	-16.9^	-16.9^	-16.9^	-0.3	-0.2	-0.3	-0.3
8	All	-2.4	-2.0	-2.4	-0.4	-0.1	-0.1	-0.1	-0.1
9	W	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
9	AN	0.3	0.3	0.3	-0.3	0.5	0.0	0.5	NA
9	BN	0.0	-1.0	0.0	-0.7	0.1	-0.1	0.1	0.0
9	D	0.0	-0.2	0.0	0.0	0.0	-0.1	0.0	0.0
9	C	-11.7^	-11.9^	-11.1^	-10.6^	-0.1	-0.2	-0.1	-0.3
9	All	-1.7	-1.9	-1.6	-1.7	-0.1	-0.2	-0.1	-0.1
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	-0.3	-1.6	-0.5	-2.7	0.1	0.1	0.1	0.1
10	All	0.0	-0.2	-0.1	-0.4	0.1	0.1	0.1	0.1
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-109. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Adult Immigration, Sacramento River below Keswick, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-110. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Adult Immigration, Sacramento River near Bend Bridge, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-111. Water Temperature Indicator Value Analysis Results, Late Fall–Run Chinook Salmon, Adult Immigration, Sacramento River below Red Bluff Diversion Dam, 68°F 7DADM^{1,2}

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.4. Central Valley Steelhead

11D.2.4.1 Sacramento River

Table 11D-112. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River below Keswick, <53°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	-0.1	0.0	0.1	-0.4	0.0	0.0	0.0	0.0
11	AN	-1.2	-2.4	-0.9	0.9	0.0	0.0	0.0	0.0
11	BN	-1.9	-3.6	-1.9	-1.2	0.0	0.0	0.0	0.0
11	D	-0.6	0.0	-0.4	-2.8	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
11	All	-0.7	-0.9	-0.5	-0.8	0.0	0.0	0.0	0.0
12	W	-0.4	-0.6	-0.1	-0.7	0.0	0.0	0.0	0.0
12	AN	-0.6	-0.3	-0.6	-2.3	0.0	0.0	0.0	-0.1
12	BN	-0.2	-0.2	0.0	-0.9	0.0	0.0	0.0	-0.1
12	D	0.0	-0.9	0.0	-3.6	0.0	0.0	0.0	-0.1
12	C	1.6	1.6	1.1	1.3	0.0	0.0	0.0	0.0
12	All	0.0	-0.2	0.0	-1.3	0.0	0.0	0.0	0.0
1	W	0.1	0.1	0.1	0.1	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	W	0.0	-0.5	0.0	0.3	0.0	0.1	0.0	0.0
4	AN	0.6	0.3	0.3	0.3	0.0	0.0	0.0	0.0
4	BN	-0.2	0.2	-0.2	0.2	0.0	0.0	0.0	0.1
4	D	2.4	1.7	2.4	2.0	0.0	0.0	0.0	-0.1
4	C	0.0	0.0	-0.3	0.0	0.0	0.1	0.0	0.0
4	All	0.6	0.3	0.5	0.6	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-113. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River below Keswick, 56°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	3.6	3.1	3.1	-1.1	0.0	0.0	0.0	0.2
11	All	0.5	0.5	0.5	-0.2	0.0	0.0	0.0	0.2
12	W	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
12	AN	-0.3	-0.3	-0.3	-0.3	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	-0.2	-0.2	-0.2	-0.2	NA	NA	NA	NA
4	C	0.0	1.1	0.3	1.1	0.0	0.0	-0.1	-0.1
4	All	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-114. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River below Clear Creek, <53°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	-0.1	-1.2	-0.3	-1.5	0.0	0.0	0.0	0.0
11	AN	-0.9	-2.7	-0.9	3.0	0.0	0.0	0.0	-0.1
11	BN	-1.2	-2.9	-1.2	-2.6	0.0	0.0	0.0	0.1
11	D	-0.7	1.7	-0.7	-3.0	0.0	0.0	0.0	0.0
11	C	0.0	-0.3	0.0	0.6	0.1	0.1	0.1	0.1
11	All	-0.5	-0.9	-0.6	-1.1	0.0	0.0	0.0	0.0
12	W	0.0	-0.4	0.0	-0.4	0.0	0.0	0.0	0.0
12	AN	-0.3	0.6	0.0	-1.8	-0.1	-0.1	-0.1	-0.1
12	BN	-0.2	0.0	0.0	-0.5	0.0	0.0	-0.1	-0.1
12	D	-0.4	-0.4	-0.4	-1.1	0.0	-0.1	0.0	-0.1
12	C	2.4	1.9	1.1	1.1	0.0	0.0	0.0	0.0
12	All	0.2	0.2	0.1	-0.5	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.3	0.3	0.3	0.3	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	-0.2	0.0	-0.4	-0.1	0.0	-0.1	-0.1
3	C	0.0	0.3	0.3	0.0	0.0	-0.2	-0.2	-0.2
3	All	0.0	0.0	0.1	0.0	-0.1	-0.1	-0.1	-0.1
4	W	0.3	0.1	0.3	0.8	0.0	0.0	0.0	0.1
4	AN	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
4	BN	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.1
4	D	2.6	4.3	2.6	3.9	0.0	0.0	0.0	0.0
4	C	1.9	0.6	-1.1	-1.1	-0.1	0.0	0.1	0.1
4	All	0.9	1.1	0.5	1.1	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-115. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River below Clear Creek, 56°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	2.8	2.2	3.1	0.0	0.0	0.0	0.0	0.1
11	All	0.4	0.3	0.5	0.0	0.0	0.0	0.0	0.1
12	W	-0.1	0.2	-0.1	0.2	0.0	0.0	0.0	0.1
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.1
4	AN	0.0	0.3	0.0	0.3	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	1.0	0.0	0.1	0.0	0.3
4	D	1.1	1.9	1.1	1.1	-0.1	-0.1	-0.1	-0.1
4	C	0.0	0.3	0.0	0.0	0.0	0.1	0.1	0.1
4	All	0.2	0.6	0.2	0.6	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-116. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River below Balls Ferry, <53°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	-0.5	-0.5	-0.4	-1.0	0.0	0.0	0.0	0.0
11	AN	-2.4	-2.4	-2.7	0.6	0.0	0.0	0.0	-0.1
11	BN	-0.5	-1.9	-0.2	1.9	0.0	0.0	0.0	0.0
11	D	1.5	2.0	2.2	1.9	0.0	0.0	0.0	0.0
11	C	1.4	1.4	1.4	2.8	0.1	0.0	0.0	0.0
11	All	0.0	-0.2	0.2	0.9	0.0	0.0	0.0	0.0
12	W	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0
12	AN	-0.3	0.3	-0.3	-0.9	-0.1	-0.1	-0.1	0.0
12	BN	-1.2	-0.7	-1.2	-1.4	0.0	0.1	0.0	0.1
12	D	-0.7	-0.9	-0.9	-2.0	0.0	-0.1	-0.1	-0.1
12	C	0.3	0.0	0.0	-0.8	0.1	-0.1	0.0	0.0
12	All	-0.3	-0.2	-0.4	-0.8	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	0.7	0.0	0.0	0.0	-0.1	0.0	-0.1
3	C	0.8	1.9	0.8	1.9	-0.1	-0.1	-0.1	-0.2
3	All	0.1	0.4	0.1	0.3	0.0	-0.1	0.0	-0.1
4	W	-0.3	0.1	-0.3	0.3	0.0	0.0	0.0	0.1
4	AN	-0.3	0.0	-0.3	1.1	0.0	0.0	0.0	0.0
4	BN	-0.2	-0.5	-0.2	0.7	0.0	0.0	0.0	0.1
4	D	0.2	1.5	0.0	2.0	0.1	0.1	0.1	0.1
4	C	3.1	2.5	-0.3	-1.9	0.0	0.0	0.0	0.0
4	All	0.3	0.7	-0.2	0.5	0.0	0.0	0.0	0.1

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-117. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River below Balls Ferry, 56°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	-0.3
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	2.5	1.7	2.8	1.1	-0.1	0.0	-0.1	-0.1
11	All	0.4	0.2	0.4	0.2	-0.1	0.0	-0.1	-0.1
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.1	0.1	0.0	0.5	0.0	0.1	0.0	0.1
4	AN	0.3	0.0	0.3	0.3	0.0	0.0	0.0	0.0
4	BN	-0.5	0.0	-0.5	0.5	0.0	0.1	0.0	0.2
4	D	1.7	2.2	1.5	2.0	0.0	0.0	0.0	-0.1
4	C	0.3	0.6	0.3	0.6	0.0	0.0	0.0	0.0
4	All	0.4	0.6	0.3	0.8	0.0	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-118. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River near Bend Bridge, <53°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.1	-0.1	0.1	-0.1	0.0	0.0	0.0	0.0
11	AN	-2.4	-3.6	-3.6	-6.1 [^]	0.0	0.0	0.0	0.0
11	BN	0.7	1.7	0.7	4.8	0.0	0.0	0.0	-0.1
11	D	1.7	1.5	1.5	2.2	0.0	0.0	0.0	0.0
11	C	1.7	1.4	0.6	1.1	0.1	0.0	0.0	0.0
11	All	0.5	0.3	0.1	0.6	0.0	NA	NA	NA
12	W	0.1	0.2	0.1	-0.1	0.0	0.0	0.0	0.0
12	AN	-0.6	-0.3	-0.6	0.0	-0.1	0.1	-0.1	0.0
12	BN	-0.5	-0.2	-0.5	0.9	NA	0.0	NA	0.2
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	-0.1	0.0	-0.1	0.1	0.0	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
3	AN	0.3	0.3	0.3	0.3	-0.1	-0.1	-0.1	-0.1
3	BN	0.2	0.5	0.2	0.5	0.0	0.0	0.0	0.0
3	D	-1.1	-0.2	-1.1	-1.4	0.0	0.0	0.0	0.0
3	C	0.8	0.5	0.8	0.3	0.0	0.0	0.0	0.0
3	All	0.0	0.2	0.0	-0.1	0.0	NA	NA	NA
4	W	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1
4	AN	-0.3	-0.3	-0.3	-0.3	0.0	0.0	0.0	0.1
4	BN	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.1
4	D	-0.4	0.2	-0.4	0.4	0.1	0.1	0.1	0.1
4	C	1.7	1.9	1.1	-0.3	0.1	0.0	-0.1	-0.1
4	All	0.2	0.3	0.1	0.0	0.0	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-119. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River near Bend Bridge, 56°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.6	-0.3	0.3	-0.3	0.1	0.1	0.0	0.0
11	All	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	C	0.0	-0.3	0.0	-0.3	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
4	W	0.1	0.1	0.1	1.5	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
4	D	0.4	2.4	0.4	2.2	0.1	0.1	0.1	0.0
4	C	4.7	3.1	0.0	-0.8	-0.1	-0.1	0.0	0.0
4	All	0.8	1.0	0.1	0.9	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-120. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River below Red Bluff Diversion Dam, <53°F¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0
11	AN	-1.2	-2.1	-1.8	-3.3	0.0	0.0	0.0	0.0
11	BN	0.2	1.2	0.7	4.5	0.0	0.0	0.0	-0.1
11	D	0.7	0.6	0.9	1.3	0.0	0.0	0.0	0.0
11	C	1.4	0.6	0.0	1.4	0.0	0.0	0.0	0.0
11	All	0.2	0.1	0.1	0.7	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	-0.4	0.0	0.0	0.0	0.1
12	AN	-0.3	0.0	-0.3	0.3	0.1	0.0	0.1	-0.1
12	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.3	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
3	AN	0.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
3	BN	0.2	0.5	0.2	0.2	0.0	0.0	0.0	0.0
3	D	0.0	0.4	0.0	-0.9	0.0	0.0	0.0	0.0
3	C	-0.5	-3.5	-0.3	-3.2	0.0	0.1	0.0	0.0
3	All	0.0	-0.3	0.1	-0.5	0.0	0.0	0.0	0.0
4	W	-0.1	-0.1	-0.1	-0.4	0.0	0.0	0.0	0.1
4	AN	-0.3	-0.3	0.0	0.3	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
4	D	0.0	0.2	0.0	0.2	0.0	0.1	0.0	0.1
4	C	2.8	2.8	2.2	1.9	0.1	0.0	-0.1	-0.1
4	All	0.3	0.4	0.3	0.2	0.0	0.1	0.0	0.1

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-121. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Sacramento River below Red Bluff Diversion Dam, 56°F¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.2	NA	NA	NA	NA
11	C	0.8	0.0	0.3	-0.3	0.0	0.1	0.1	0.0
11	All	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	C	0.5	0.3	0.3	0.0	-0.1	-0.2	0.1	0.0
3	All	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	W	0.1	0.3	0.1	1.0	0.0	0.0	0.0	0.1
4	AN	0.0	-0.3	0.0	2.5	0.0	0.0	0.0	0.0
4	BN	0.0	-0.2	0.2	0.2	0.0	0.0	0.0	0.1
4	D	0.4	2.8	0.4	2.0	0.0	0.1	0.0	0.1
4	C	2.8	0.8	-1.4	-2.2	0.1	0.1	0.0	0.0
4	All	0.5	0.7	0.0	0.9	0.0	0.1	0.0	0.1

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-122. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Sacramento River below Keswick, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-123. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Sacramento River below Keswick, 70°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-124. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Sacramento River near Bend Bridge, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-125. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Sacramento River near Bend Bridge, 70°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-126. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Sacramento River below Red Bluff Diversion Dam, 68°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	-0.2	0.0	-0.2	0.0	NA	0.0	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	-0.1	0.0	-0.1	0.0	NA	0.0	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-127. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Sacramento River below Red Bluff Diversion Dam, 70°F¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-128. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River below Keswick, 63°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.5	-0.5	-0.5	-0.5	NA	NA	NA	NA
8	All	-0.1	-0.1	-0.1	-0.1	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-2.5	-3.6	-2.8	-3.6	-0.1	NA	-0.1	NA
9	All	-0.4	-0.5	-0.4	-0.5	-0.1	NA	-0.1	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-129. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River below Keswick, 69°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-130. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River below Clear Creek, 63°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-0.8	-0.8	-0.8	NA	NA	NA	NA
8	All	-0.1	-0.1	-0.1	-0.1	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-0.3	-3.9	-0.3	-5.3^	-0.6^	-0.9^	-0.6^	NA
9	All	0.0	-0.6	0.0	-0.8	-0.6^	-0.9^	-0.6^	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	-0.3	-0.3	-0.3	-0.3	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-131. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River below Clear Creek, 69°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-132. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River at Balls Ferry, 63°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-0.8	-0.8	-0.8	NA	NA	NA	NA
8	All	-0.1	-0.1	-0.1	-0.1	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	-2.8	0.0	-7.2^	-0.6^	-1.0^	-0.6^	-1.8^
9	All	0.0	-0.4	0.0	-1.1	-0.6^	-1.0^	-0.6^	-1.8^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	-0.3	0.0	-0.5	0.0	-0.5	-0.5	NA
10	All	0.0	0.0	0.0	-0.1	0.0	-0.5	-0.5	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-133. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River at Balls Ferry, 69°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-134. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River near Bend Bridge, 63°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	-0.2	0.0	-0.2	0.0	-1.0^	0.0	-1.0^
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	-0.2	-0.2	-0.2	-0.2	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	-0.1	0.0	-0.1	0.3	-0.7^	0.3	-0.7^
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	-0.2	0.0	-0.3	-0.3	-0.2
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.2
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.3	-0.8	-1.3	-1.4^	NA	-1.4^	NA
8	All	-0.1	-0.2	-0.1	-0.2	-1.4^	NA	-1.4^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	-0.3	0.0	-2.8	-0.6^	-1.1^	-0.6^	-1.7^
9	All	0.0	0.0	0.0	-0.4	-0.6^	-1.1^	-0.6^	-1.7^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.3	0.0	0.3	-0.5	-0.2	0.0	-0.2	-0.7^
10	All	0.0	0.0	0.0	-0.1	-0.2	0.0	-0.2	-0.7^
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-135. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River near Bend Bridge, 69°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-1.4	-1.4	-1.4	-1.4	NA	NA	NA	NA
9	All	-0.2	-0.2	-0.2	-0.2	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-136. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River below Red Bluff Diversion Dam, 63°F¹

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.5	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
4	All	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.2
5	W	0.0	-1.2	0.0	-1.4	0.0	-0.2	0.0	-0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.1	-0.1
5	D	0.0	0.0	0.0	0.0	-0.5	-0.5	-0.8^	-0.5
5	C	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
5	All	0.0	-0.4	0.0	-0.4	-0.1	-0.3	-0.1	-0.2
6	W	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
6	AN	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.2	0.2	-0.2	0.2	-0.3	-0.4	-0.1	-0.4
6	C	0.3	0.8	0.8	3.1	0.3	0.1	0.2	-0.1
6	All	0.1	0.2	0.1	0.6	0.1	0.0	0.1	-0.2
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
7	C	0.0	0.3	0.3	0.0	0.1	0.1	0.1	0.1
7	All	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.6	-2.2	-1.6	-2.4	-0.7^	-1.3^	-0.7^	NA
8	All	-0.2	-0.3	-0.2	-0.4	-0.7^	-1.3^	-0.7^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.4	0.2	0.4	0.2	-0.1	0.0	-0.1	0.0
9	C	-0.6	-1.9	-1.4	-2.8	-0.4	-0.7^	-0.3	-1.2^
9	All	0.0	-0.2	-0.1	-0.4	-0.5	-0.7^	-0.4	-1.2^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	-0.8	0.0	-0.2	0.0	0.0
10	All	0.0	0.0	0.0	-0.1	0.0	-0.2	0.0	0.0
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-137. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Sacramento River below Red Bluff Diversion Dam, 69°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-1.7	-2.2	-1.7	-2.8	NA	NA	NA	NA
9	All	-0.2	-0.3	-0.2	-0.4	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-138. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River Below Keswick, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-139. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River below Keswick, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-140. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River below Clear Creek, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-141. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River below Clear Creek, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-142. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River at Balls Ferry, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.2	NA	NA	NA	NA
4	D	-0.2	-0.4	-0.2	-0.6	0.1	-0.2	0.1	-0.2
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.2
4	All	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1
5	W	0.1	-1.1	0.1	-1.2	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.5	0.0	0.0	0.0	-0.2	0.0	0.0
5	D	-0.2	0.2	-0.2	0.5	-0.6^	-0.5	-0.6^	-0.4
5	C	0.0	0.0	0.0	0.3	0.0	0.0	0.0	-0.1
5	All	0.0	-0.2	0.0	-0.2	-0.1	-0.2	-0.1	-0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.2	-0.2	0.2	0.2	-0.2	-0.3	-0.3	-0.3
6	C	-0.3	0.0	0.3	0.6	-0.2	-0.3	-0.1	-0.2
6	All	0.0	0.0	0.1	0.1	-0.2	-0.3	-0.3	-0.3

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-143. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River at Balls Ferry, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-144. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River near Bend Bridge, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.3
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.0	0.2	0.0	1.0	0.1	0.1	0.1	0.3
4	D	-0.2	0.2	-0.2	-0.4	0.0	-0.1	0.0	0.0
4	C	0.0	0.3	0.0	0.3	0.0	0.0	0.0	-0.1
4	All	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.1
5	W	-0.2	-1.4	-0.2	-1.1	0.0	-0.3	0.0	-0.4
5	AN	0.0	0.3	0.3	-0.5	0.0	0.0	0.0	0.1
5	BN	-0.2	1.8	-0.2	1.8	0.0	-0.1	0.0	-0.1
5	D	0.0	0.2	-0.4	0.4	-0.1	0.0	0.0	0.0
5	C	-0.3	0.5	0.3	2.4	-0.1	0.0	0.0	0.0
5	All	-0.2	0.0	-0.1	0.3	0.0	-0.1	0.0	-0.1
6	W	-0.1	-0.3	-0.1	-0.3	0.0	0.1	0.0	0.1
6	AN	0.6	3.9	0.6	5.6*	0.0	0.0	0.0	0.0
6	BN	0.0	0.2	0.2	5.5*	0.0	0.0	0.0	-0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	-0.6	-0.4	-0.6	0.6	0.2	0.0	0.1	-0.2
6	C	0.3	4.7	5.0	3.9	0.0	0.0	0.0	0.1
6	All	0.0	1.1	0.7	2.4	0.0	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-145. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River near Bend Bridge, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	-0.4	0.0	-0.4	0.0	-0.3	0.0	-0.3
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0
5	D	-0.4	-0.4	-0.4	-0.4	-0.7^	-0.7^	-0.7^	-0.7^
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	-0.1	-0.2	-0.1	-0.2	0.2	-0.4	0.2	-0.5
6	W	0.0	0.1	0.0	0.1	0.0	0.5	0.0	0.5
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	-0.2	-0.6	-0.2	-0.2	-0.2	0.1	-0.2	-0.2
6	C	1.4	0.8	1.4	0.0	-0.2	-0.3	-0.2	0.0
6	All	0.2	0.0	0.2	0.0	-0.3	-0.1	-0.3	-0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-146. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River below Red Bluff Diversion Dam, 61°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.6	0.0	0.8	0.0	0.1	0.0	0.2
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.5	1.0	0.5	1.7	0.0	0.0	0.0	0.2
4	D	1.3	2.4	1.3	1.7	-0.1	-0.1	-0.1	-0.1
4	C	-0.3	-0.8	-1.1	-0.6	0.0	0.1	0.1	0.0
4	All	0.3	0.8	0.2	0.8	0.0	0.0	0.0	0.0
5	W	0.2	-1.7	0.2	-1.2	0.0	-0.2	0.0	-0.3
5	AN	0.3	0.0	0.3	-2.7	0.0	0.0	0.0	0.0
5	BN	-0.2	3.0	0.0	3.7	0.0	0.0	0.0	-0.1
5	D	-0.2	1.8	-0.2	3.8	0.0	0.0	0.0	0.0
5	C	1.6	2.4	2.2	4.0	-0.1	0.0	-0.1	0.0
5	All	0.3	0.7	0.4	1.3	0.0	-0.1	0.0	-0.1
6	W	-0.5	-0.5	-0.5	-0.9	0.0	0.0	0.0	0.0
6	AN	0.0	6.1*	-0.3	11.1*	0.0	0.1	0.0	0.1
6	BN	0.0	1.4	0.5	7.4*	0.0	0.0	0.0	0.2
6	D	-0.4	0.4	0.2	2.0	0.0	-0.1	-0.1	-0.2
6	C	-1.9	3.9	0.8	1.9	0.1	0.1	0.2	0.2
6	All	-0.5	1.6	0.0	3.3	0.0	0.1	0.1	0.1

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-147. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Sacramento River below Red Bluff Diversion Dam, 64°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.1	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5
4	D	0.0	-0.2	0.0	-0.2	0.0	0.2	0.0	0.2
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1
5	W	0.0	-1.5	0.0	-1.5	0.0	-0.3	0.0	-0.4
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	-0.2	0.0	-0.2	-0.4	-0.4	-0.6^	-0.4

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	C	-0.3	-0.3	-0.3	0.0	0.3	0.3	0.3	0.0
5	All	0.0	-0.6	0.0	-0.5	0.0	-0.2	0.0	-0.2
6	W	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2
6	AN	0.0	0.6	0.0	0.6	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.4	0.4	0.0	0.4	-0.3	-0.5	-0.2	-0.4
6	C	0.0	0.6	0.8	2.5	0.4	0.2	0.3	0.0
6	All	0.1	0.2	0.1	0.5	0.1	0.0	0.1	-0.1

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-148. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smoltification, Sacramento River below Keswick, 54°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-149. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smoltification, Sacramento River below Clear Creek, 54°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
3	C	0.0	0.0	0.0	-0.3	0.3	0.0	0.3	0.0
3	All	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.1

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-150. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smoltification, Sacramento River at Balls Ferry, 54°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.3	0.3	0.3	0.3	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	-0.5	-0.5	-0.5	-0.5	0.3	0.3	0.3	0.2
3	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	All	-0.1	-0.1	-0.1	-0.1	0.1	0.1	0.1	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-151. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smoltification, Sacramento River near Bend Bridge, 54°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	-0.4	0.2	-0.4	-0.5	0.0	0.0	0.0	0.0
3	C	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
3	All	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-152. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smoltification, Sacramento River at Red Bluff Diversion Dam, 54°F¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
3	BN	0.2	0.5	0.2	0.5	0.0	-0.1	0.0	-0.1
3	D	-0.9	0.2	-1.1	-1.8	0.0	0.0	0.1	0.1
3	C	0.3	-0.8	0.0	-1.6	0.0	0.0	0.0	0.1
3	All	-0.1	0.0	-0.2	-0.5	0.0	0.0	0.0	0.0

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-153. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Sacramento River Below Keswick, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-154. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Sacramento River below Keswick, 70°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-155. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Sacramento River near Bend Bridge, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-0.8	-1.7	-0.8	-2.2	-0.5 [^]	-1.1 [^]	-0.5 [^]	NA
9	All	-0.1	-0.2	-0.1	-0.3	-0.5 [^]	-1.1 [^]	-0.5 [^]	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-156. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Sacramento River near Bend Bridge, 70°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-157. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Sacramento River below Red Bluff Diversion Dam, 68°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-1.4	-2.2	-1.4	-2.8	-0.5	-0.6^	-0.5	-1.2^
9	All	-0.2	-0.3	-0.2	-0.4	-0.5	-0.6^	-0.5	-1.2^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-158. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Sacramento River below Red Bluff Diversion Dam, 70°F¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-0.3	-0.3	-0.3	-0.3	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-159. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Holding, Sacramento River below Keswick, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.8	-1.3	-0.8	-1.3	-1.8^	NA	-1.8^	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	All	-0.1	-0.2	-0.1	-0.2	-1.8^	NA	-1.8^	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	-0.8	0.0	-8.3^	-0.3	-1.0^	-0.3	NA
9	All	0.0	-0.1	0.0	-1.2	-0.3	-1.0^	-0.3	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.5	-2.4	0.0	-0.1	0.0	-0.7^
10	All	0.0	0.0	0.1	-0.4	0.0	-0.1	0.0	-0.7^
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-160. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Holding, Sacramento River at Balls Ferry, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-1.1	-2.2	-1.1	-3.5	-1.1 [^]	-1.6 [^]	-1.1 [^]	NA
8	All	-0.2	-0.3	-0.2	-0.5	-1.1 [^]	-1.6 [^]	-1.1 [^]	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.6 [^]	-1.3 [^]	-0.6 [^]	-2.9 [^]
9	All	0.0	0.0	0.0	0.0	-0.6 [^]	-1.3 [^]	-0.6 [^]	-2.9 [^]
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.5	0.5	0.5	0.3	-0.1	-0.1	0.0	-0.6 [^]
10	All	0.1	0.1	0.1	0.0	-0.1	-0.1	0.0	-0.6 [^]
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-161. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Holding, Sacramento River below Red Bluff Diversion Dam, 61°F 7DADM^{1,2}.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.2	0.0	0.2	0.0	-0.1	0.0	-0.1
8	AN	0.8	0.8	0.8	3.2	0.1	0.1	0.1	0.4
8	BN	2.5	0.9	2.5	4.1	0.2	0.0	0.2	0.6*
8	D	0.2	0.4	-0.2	0.7	0.0	0.0	0.0	0.0
8	C	-14.0^	-12.9^	-14.2^	-16.9^	-0.1	-0.2	-0.1	-0.3
8	All	-1.5	-1.5	-1.6	-1.1	-0.1	NA	NA	NA
9	W	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0
9	AN	-0.3	-0.6	-0.3	-1.7	0.0	-0.1	0.2	-0.3
9	BN	0.2	-1.4	0.0	-1.0	0.0	-0.1	0.1	0.0
9	D	-1.3	-2.4	-1.3	-1.7	0.0	0.0	0.0	0.0
9	C	-10.3^	-10.3^	-8.9^	-9.7^	-0.1	-0.2	-0.1	-0.3

Month	Water Year Type	Difference in Percent of Days above Indicator Value ³				Difference in Mean Degrees per Day above Indicator Value (°F) ⁴			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	-1.8	-2.4	-1.7	-2.2	-0.1	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	-0.5
10	D	-0.2	-0.2	-0.2	0.2	0.2	0.2	0.0	0.0
10	C	-1.6	-1.6	0.0	-1.6	0.2	0.1	0.0	-0.2
10	All	-0.3	-0.3	0.0	-0.3	0.2	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² 7DADM = 7-day average daily maximum

³ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

⁴ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.4.2 Feather River

Table 11D-162. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Feather River Low-Flow Channel below the Fish Barrier Dam, <53°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
5	D	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-163. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, Feather River below the Thermalito Afterbay Outlet, <53°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
3	C	8.3*	8.3*	8.3*	0.0	-0.2	-0.2	-0.2	0.0
3	All	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.1
4	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0
4	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
4	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	-0.1
5	C	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-164. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Feather River Low-Flow Channel below the Fish Barrier Dam, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-165. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Feather River Low-Flow Channel below the Fish Barrier Dam, 70°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-166. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Feather River below the Thermalito Afterbay Outlet, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0*
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-167. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, Feather River below the Thermalito Afterbay Outlet, 70°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	8.3*	NA	NA	NA	NA
5	All	0.0	0.0	0.0	1.2	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-168. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Feather River Low-Flow Channel below the Fish Barrier Dam, 63°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	-3.0^	-4.0^	-3.0^	-1.0^
8	All	0.0	0.0	0.0	0.0	-3.0^	-4.0^	-3.0^	-1.0^
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	-0.5	-0.5	0.0	0.0
9	All	0.0	0.0	0.0	0.0	-0.5	-0.5	0.0	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-169. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Feather River Low-Flow Channel below the Fish Barrier Dam, 69°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-8.3^	-8.3^	-8.3^	-8.3^	NA	NA	NA	NA
8	All	-1.2	-1.2	-1.2	-1.2	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-170. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Feather River Below the Thermalito Afterbay Outlet, 63°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	5.6*	0.0	0.0	0.0	-0.2	0.0	-0.1
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
5	All	0.0	1.2	0.0	0.0	0.0	-0.1	0.0	0.0
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
6	BN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
6	D	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.6*
6	C	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
7	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
7	C	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1
7	All	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	-3.8	-3.8	0.0	0.0	0.0	-0.3	-0.2	-0.2
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	7.1*	0.0	7.1*	-7.1^	0.0	0.1	0.1	0.1
9	D	0.0	5.6*	5.6*	0.0	0.3	0.2	0.1	0.6*
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
9	All	0.0	0.0	2.5	-1.2	0.1	0.0	0.0	0.2
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-171. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, Feather River below the Thermalito Afterbay Outlet, 69°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0*
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0*
6	W	0.0	-3.8	0.0	0.0	0.0	0.2	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	-0.2
6	BN	0.0	0.0	0.0	7.1*	-0.1	-0.1	-0.1	-0.1
6	D	16.7*	16.7*	16.7*	16.7*	0.2	0.2	0.2	0.1
6	C	8.3*	8.3*	8.3*	8.3*	0.3	0.3	0.3	0.0
6	All	4.9	3.7	4.9	6.2*	0.0	0.1	0.0	0.0
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	9.1*	0.0	0.0	0.0	-0.1
7	BN	7.1*	7.1*	7.1*	7.1*	0.0	0.0	0.0	-0.1
7	D	0.0	0.0	0.0	-5.6^	0.1	0.0	0.1	0.2
7	C	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
7	All	1.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
9	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-172. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Feather River Low-Flow Channel below the Fish Barrier Dam, 61°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-173. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, Feather River below the Thermalito Afterbay Outlet, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	-5.6 [^]	0.0	0.0	0.0	0.1
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
5	All	0.0	0.0	0.0	-1.2	0.0	0.0	0.0	0.1
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
6	BN	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
6	D	0.0	0.0	0.0	0.0	0.6*	0.6*	0.5	0.6*
6	C	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
6	All	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-174. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smoltification, Feather River Low-Flow Channel below the Fish Barrier Dam, 54°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-175. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smoltification, Feather River below the Thermalito Afterbay Outlet, 54°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	AN	0.0	9.1*	0.0	9.1*	0.0	-1.5^	0.0	-1.5^
3	BN	7.1*	7.1*	7.1*	0.0	-0.2	-0.2	-0.2	0.0
3	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	All	1.2	2.5	1.2	1.2	-0.1	-0.1	-0.1	-0.1

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-176. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Feather River Low-Flow Channel below the Fish Barrier Dam, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-8.3^	-8.3^	-8.3^	0.0^	NA	NA	NA	-1.0^
8	All	-1.2	-1.2	-1.2	0.0	NA	NA	NA	-1.0^
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-177. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Feather River Low-Flow Channel below the Fish Barrier Dam, 70°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-178. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Feather River below the Thermalito Afterbay Outlet, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
8	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.2	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	7.1*	0.0	7.1*	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	0.0	1.2	0.0	1.2	0.0	-0.8^	0.0	-0.5
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-179. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, Feather River below the Thermalito Afterbay Outlet, 70°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	3.8	0.0	3.8	0.0	-0.1	0.0	-0.1

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	-5.6^	-5.6^	0.0	0.0	0.2	0.2	0.0	0.0
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.1	-0.1
8	All	-1.2	0.0	0.0	1.2	0.0	0.0	0.0	-0.1
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-8.3^	-8.3^	-8.3^	0.0	NA	NA	NA	0.0
9	All	-1.2	-1.2	-1.2	0.0	NA	NA	NA	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-180. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Holding, Feather River Low-Flow Channel below the Fish Barrier Dam, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	8.3*	0.0	-0.3	0.0	-1.2^	0.0
9	All	0.0	0.0	1.2	0.0	-0.3	0.0	-1.2^	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	-8.3^	0.3	0.3	0.3	1.0*
10	All	0.0	0.0	0.0	-1.2	0.3	0.3	0.3	1.0*
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-181. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Holding, Feather River below the Thermalito Afterbay Outlet, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	-0.1
9	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0
9	D	5.6*	5.6*	0.0	0.0	0.0	0.1	0.2	0.3
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
9	All	1.2	1.2	0.0	0.0	0.0	0.0	0.1	0.1
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	C	8.3*	8.3*	8.3*	0.0	-0.5	-0.5	-0.5	0.0
10	All	1.2	1.2	1.2	0.0	-0.2	-0.2	-0.2	0.0
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ²				Difference in Mean Degrees per Month above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.4.3 American River

Table 11D-182. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, American River at Hazel Avenue, <53°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
12	AN	0.0	0.3	0.0	0.9	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	-0.2	0.0	0.0	0.0	0.0	0.1
12	D	0.4	0.2	0.2	0.5	-0.1	0.0	0.0	-0.1
12	C	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	All	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	BN	0.0	0.2	0.0	0.0	0.0	-0.1	0.0	0.0
3	D	-0.2	0.0	0.0	0.2	0.0	-0.1	0.0	-0.2
3	C	0.5	0.0	1.6	3.2	0.1	0.2	0.1	0.0
3	All	0.0	0.0	0.2	0.5	0.1	0.0	0.0	-0.1
4	W	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	-0.3	0.0	0.0	0.0	0.0
4	BN	0.2	0.2	0.2	-0.5	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
4	C	1.1	0.8	0.6	0.8	0.1	0.1	0.1	0.2
4	All	0.2	0.2	0.1	0.2	0.0	0.0	0.0	0.0
5	W	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.7	0.0	0.7	0.0	0.0	0.0	-0.1
5	C	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	All	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-183. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Spawning and Embryo Incubation, American River at Watt Avenue, <53°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	-0.1	-0.1	-0.2	0.0	0.0	0.0	0.1
12	AN	0.0	0.6	0.0	0.9	0.0	-0.1	0.0	0.0
12	BN	0.0	0.2	0.0	0.5	0.0	0.0	-0.1	-0.1
12	D	0.0	0.2	0.0	0.2	0.0	-0.1	0.0	0.0
12	C	0.3	0.0	0.0	0.0	-0.2	0.0	0.0	0.0
12	All	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	-0.3	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
2	All	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
3	W	-0.1	-0.1	-0.2	-0.2	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	BN	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
3	D	-0.2	0.4	0.0	0.9	0.0	0.0	0.0	0.0
3	C	1.1	0.0	2.7	0.3	0.1	0.1	0.1	0.1
3	All	0.1	0.0	0.3	0.2	0.0	0.0	0.0	0.0
4	W	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	-0.5	-0.2	-0.5	0.0	0.0	0.0	0.0	0.0
4	D	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	-0.1
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
4	All	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
5	C	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-184. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, American River at Hazel Avenue, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-185. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, American River at Hazel Avenue, 70°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-186. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, American River at Watt Avenue, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.2	0.0	0.2	0.2	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	0.2	0.9	0.2	-0.2	0.0	0.0	0.0	0.0
5	C	1.1	1.1	0.3	0.3	0.0	0.0	0.0	0.1
5	All	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-187. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Kelt Emigration, American River at Watt Avenue, 70°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	-0.2	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	0.0
5	D	-0.2	-0.2	-0.2	-4.1	0.2	0.2	0.2	0.0
5	C	0.5	0.5	0.3	4.5	0.0	0.0	0.0	0.1
5	All	0.0	0.0	0.0	1.0	0.0	0.1	0.0	0.1

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-188. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, American River at Hazel Avenue, 63°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	-0.2	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0
5	D	0.2	0.7	0.2	-0.2	0.0	0.0	0.0	0.1
5	C	-0.3	-0.3	-0.3	0.0	0.1	0.1	0.1	0.0
5	All	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	0.0
6	W	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
6	AN	0.6	-2.2	0.6	-2.5	0.0	-0.2	0.0	-0.1
6	BN	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0
6	D	-0.6	-1.1	-0.6	-1.7	0.0	0.1	0.0	-0.1
6	C	1.9	1.1	-1.7	5.0	0.0	0.0	0.0	-0.1
6	All	0.3	-0.4	-0.2	0.0	0.0	0.0	0.0	-0.1
7	W	0.0	-0.5	-0.1	-0.2	0.0	0.0	0.0	0.0
7	AN	-0.3	2.4	-0.3	5.4*	0.0	0.0	0.0	0.1
7	BN	-0.2	1.2	0.0	-0.9	0.0	0.0	0.0	0.0
7	D	-0.4	-0.4	-0.4	-3.0	0.0	0.0	0.0	0.1
7	C	0.0	0.3	0.3	-0.5	-0.1	0.0	0.0	-0.1
7	All	-0.2	0.4	-0.1	-0.2	0.0	0.0	0.0	0.0
8	W	0.0	-0.2	0.0	-0.1	0.1	0.1	0.1	0.0
8	AN	0.3	0.3	0.3	1.3	0.0	0.0	0.0	-0.1
8	BN	-0.2	0.2	-0.2	-1.4	0.0	0.0	0.0	0.2
8	D	1.1	-1.8	0.9	0.2	0.0	-0.2	-0.1	-0.2
8	C	1.3	-0.5	-0.3	1.1	0.0	0.0	0.0	0.0
8	All	0.4	-0.5	0.2	0.1	0.0	-0.1	0.0	-0.1
9	W	-0.4	0.6	-0.3	1.4	0.0	0.1	0.0	0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	AN	-0.8	-2.8	0.8	-2.5	0.0	0.1	0.0	0.2
9	BN	-1.2	-1.7	-2.1	-4.3	0.0	0.1	0.0	0.3
9	D	4.3	5.2*	3.9	3.5	0.0	0.1	0.0	0.0
9	C	0.3	0.8	-0.6	-1.1	0.0	-0.1	0.0	-0.1
9	All	0.5	0.8	0.4	0.0	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.6	0.0	0.0	0.0	-0.3
10	AN	-0.3	0.9	-0.3	2.3	0.0	0.0	0.0	0.2
10	BN	0.0	0.0	0.0	0.7	0.0	0.0	0.0	-0.1
10	D	0.4	0.9	0.4	0.9	-0.1	0.0	-0.1	0.0
10	C	-1.6	-2.2	-1.9	-4.6	-0.1	0.0	0.0	0.1
10	All	-0.2	0.0	-0.2	0.2	-0.1	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-189. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, American River at Hazel Avenue, 69°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.3	-0.3	-0.8	-4.6	0.0	0.0	0.0	-0.5
7	All	0.0	0.0	-0.1	-0.7	0.0	0.0	0.0	-0.5

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-190. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, American River at Watt Avenue, 63°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
4	D	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.1
4	C	0.3	0.0	0.0	0.6	0.0	0.0	0.0	-0.1
4	All	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	-0.9	0.0	-0.9	0.0	0.0	0.1	0.0	0.1
5	C	-2.7	-1.9	-2.7	-3.2	0.1	0.1	0.1	0.2
5	All	-0.6	-0.3	-0.6	-0.5	0.1	0.1	0.0	0.1
6	W	-0.1	-0.3	-0.1	0.1	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	-0.3	-0.6	0.0	-0.1	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	BN	0.2	-1.0	0.0	-1.0	0.0	0.1	0.0	0.1
6	D	0.2	0.6	0.2	0.4	0.0	0.0	0.0	0.0
6	C	0.3	0.0	0.3	-0.6	0.0	0.0	0.0	0.0
6	All	0.1	-0.1	0.0	-0.2	0.0	0.0	0.0	0.0
7	W	-0.2	-0.4	-0.2	-0.1	0.0	0.0	0.0	0.0
7	AN	-0.5	0.8	-0.5	0.8	0.0	0.1	0.0	0.2
7	BN	-0.2	-0.2	-0.5	-0.2	0.0	0.0	0.0	0.1
7	D	-0.7	0.4	-0.7	0.2	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
7	All	-0.4	0.0	-0.4	0.1	0.0	0.0	0.0	0.0
8	W	0.0	-0.1	-0.4	-0.2	0.0	0.0	0.0	0.0
8	AN	1.3	0.8	1.6	0.3	0.0	-0.1	0.0	-0.1
8	BN	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.1
8	D	-0.4	-0.9	-0.4	0.4	0.0	-0.1	0.0	-0.1
8	C	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.3
8	All	0.1	-0.1	0.0	0.2	0.0	0.0	0.0	0.0
9	W	-0.3	-0.5	-0.3	-0.3	0.0	0.0	0.0	0.0
9	AN	0.0	-0.8	0.0	1.1	0.0	-0.1	0.0	0.0
9	BN	-0.2	-1.0	-0.2	0.0	0.0	0.0	0.0	0.1
9	D	0.0	0.6	0.0	1.1	0.1	0.1	0.1	0.0
9	C	0.0	0.0	0.0	-1.4	0.0	0.0	0.0	0.0
9	All	-0.1	-0.3	-0.1	0.1	0.0	0.0	0.0	0.0
10	W	0.4	0.4	0.4	0.9	0.0	0.0	0.0	0.0
10	AN	-0.3	-1.8	-0.9	-0.3	0.0	0.1	0.0	0.2

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	BN	-0.2	-0.2	0.5	-0.9	0.0	0.0	0.0	-0.1
10	D	0.4	1.6	0.2	-0.7	0.0	0.0	0.0	0.0
10	C	2.7	0.0	0.8	-3.8	-0.1	0.0	0.0	0.0
10	All	0.5	0.2	0.2	-0.6	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-191. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Juvenile Rearing, American River at Watt Avenue, 69°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	-0.2	1.1	-0.2	0.5	0.1	0.0	0.1	-0.1
5	C	0.3	1.1	0.3	1.3	0.0	0.0	0.0	0.1
5	All	0.0	0.4	0.0	0.3	0.0	0.0	0.0	0.0
6	W	0.0	0.3	0.0	0.0	0.0	-0.1	0.0	0.0
6	AN	0.6	-0.8	0.6	-1.4	0.0	-0.1	0.0	0.0
6	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	D	0.7	0.7	0.7	0.9	0.0	0.0	0.0	-0.1
6	C	1.4	-0.3	1.1	0.8	0.0	0.0	-0.1	0.0
6	All	0.4	0.1	0.4	0.1	0.0	0.0	-0.1	0.0
7	W	-0.4	-0.4	-0.4	-0.1	0.0	0.0	0.0	0.0
7	AN	0.0	3.2	-0.3	5.4*	0.0	0.0	0.0	0.1
7	BN	0.0	1.8	-0.2	1.4	0.0	0.0	0.0	0.1
7	D	-0.4	1.6	-0.4	0.0	0.0	0.0	0.0	0.1
7	C	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1
7	All	-0.2	1.0	-0.3	1.0	0.0	0.0	0.0	0.0
8	W	0.0	0.2	0.0	-0.2	0.0	-0.1	0.0	-0.1
8	AN	0.3	-3.0	0.3	-0.5	0.0	-0.1	0.0	0.0
8	BN	0.2	0.2	-0.5	3.7	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	-0.5	-5.0	-0.5	1.8	0.0	0.0	0.0	-0.2
8	C	4.8	3.5	3.5	4.0	-0.1	0.0	0.0	0.1
8	All	0.7	-0.9	0.4	1.5	0.0	0.0	0.0	0.0
9	W	-0.1	0.1	-0.1	-0.4	0.0	0.1	0.0	0.2
9	AN	0.3	-1.7	0.3	-0.6	0.0	0.1	0.0	0.0
9	BN	0.5	0.5	0.0	2.4	0.0	-0.1	0.0	0.2
9	D	1.3	4.6	1.5	3.3	0.0	0.0	0.0	-0.1
9	C	0.0	-0.6	0.0	-0.6	0.0	0.0	0.0	0.0
9	All	0.4	0.8	0.3	0.9	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.6	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	-0.2	0.4	-0.2	0.0	0.0	-0.2	0.0	-0.1
10	C	-1.6	0.0	0.8	0.5	-0.3	0.0	0.0	0.0
10	All	-0.3	0.1	0.1	0.2	-0.1	-0.1	-0.1	-0.1
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-192. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, American River at Hazel Avenue, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.2	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	-0.5	-0.5	-0.5	-0.5	0.0	0.0	0.0	0.0
5	D	-0.2	-2.0	-0.2	-2.0	0.0	0.1	0.0	0.1
5	C	0.3	0.3	-0.5	1.6	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	All	-0.1	-0.5	-0.2	-0.3	0.0	0.1	0.0	0.1
6	W	-0.1	0.0	-0.1	0.1	0.0	0.0	0.0	0.0
6	AN	1.1	-1.9	1.1	-2.2	0.0	-0.3	0.0	-0.3
6	BN	0.0	-0.2	0.0	0.0	0.0	0.0	0.0	0.0
6	D	-0.6	-2.6	-0.6	-1.1	0.0	0.1	0.0	-0.1
6	C	1.7	-0.3	2.2	0.3	0.0	0.0	-0.1	0.1
6	All	0.2	-0.9	0.3	-0.5	0.0	-2.7 [^]	-2.7 [^]	-2.7 [^]

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-193. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smolt Emigration, American River at Watt Avenue, 64°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	-0.2	0.0	0.0	0.0	0.0
4	C	0.3	0.6	0.3	1.4	0.0	-0.1	0.0	-0.1
4	All	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0
5	W	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0
5	C	-0.8	-0.8	-1.6	-3.0	0.0	0.1	0.0	0.1
5	All	-0.2	-0.2	-0.3	-0.4	0.0	0.1	0.0	0.1
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	-0.3	0.6	-0.3	0.6	0.0	0.0	0.0	-0.1
6	BN	0.0	-0.2	0.0	-0.7	0.0	0.0	0.0	0.0
6	D	0.0	-0.4	0.0	0.0	0.0	0.0	0.0	0.0
6	C	-0.6	-0.6	-0.8	-0.6	0.1	0.0	0.0	0.0
6	All	-0.1	-0.1	-0.2	-0.1	0.0	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-194. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smoltification, American River at Hazel Avenue, 54°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	-0.2	-0.4	-0.2	-1.4	0.0	-0.1	0.0	-0.5
3	C	0.8	0.8	0.8	0.8	-0.1	-0.2	-0.1	-0.2
3	All	0.1	0.0	0.1	-0.2	0.0	-0.1	0.0	-0.2

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-195. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Smoltification, American River at Watt Avenue, 54°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	-0.6	0.0	0.0	0.0	0.3	0.0	0.0	0.0
2	All	-0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	D	-0.4	0.2	-0.4	0.9	0.0	0.0	0.0	-0.1
3	C	1.6	2.2	3.8	1.9	0.1	0.1	0.1	0.1
3	All	0.2	0.4	0.5	0.5	0.1	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-196. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, American River at Hazel Avenue, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	-0.5	1.1	1.3	-0.5	NA	0.2	0.3	NA
10	All	-0.1	0.2	0.2	-0.1	NA	0.2	0.3	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-197. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, American River at Hazel Avenue, 70°F

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-198. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, American River at Watt Avenue, 68°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	NA
10	AN	0.0	0.0	0.0	1.2	NA	NA	NA	NA
10	BN	-0.2	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.2
10	D	-0.4	0.0	-0.4	-0.2	0.0	0.0	0.0	0.0
10	C	1.3	0.0	0.5	0.3	-0.3	0.0	0.0	0.0
10	All	0.1	0.0	0.0	0.1	-0.2	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.2	0.0	0.2	0.2	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-199. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Immigration, American River at Watt Avenue, 70°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-200. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Holding, American River at Hazel Avenue, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.4	0.0	0.7	0.0	0.0	0.0	0.0
10	AN	-0.9	-4.4	-1.2	-2.3	0.0	0.1	0.0	0.1
10	BN	-0.9	-1.8	-1.2	-2.1	0.0	0.0	0.0	0.0
10	D	-2.3	0.4	-2.2	0.7	0.0	0.0	0.0	0.0
10	C	3.8	-0.5	0.3	-0.3	-0.2	-0.1	-0.1	-0.2
10	All	-0.2	-0.8	-0.8	-0.3	0.0	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.6	0.0	0.0	0.0	-0.3
11	BN	0.0	0.2	0.0	0.0	NA	NA	NA	NA
11	D	-0.6	-0.4	-0.7	0.0	0.0	0.1	0.1	0.0
11	C	0.0	-0.3	-0.3	-0.3	0.1	0.1	0.1	0.1
11	All	-0.1	-0.1	-0.2	0.0	0.1	NA	NA	NA

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-201. Water Temperature Indicator Value Analysis Results, Central Valley Steelhead, Adult Holding, American River at Watt Avenue, 61°F 7DADM¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0
10	AN	0.0	-1.2	-0.3	-3.2	0.0	0.0	0.0	0.0
10	BN	-0.2	-0.7	-0.5	-0.5	0.0	0.0	0.0	-0.1
10	D	-0.4	0.0	-0.2	-1.1	0.0	0.0	0.0	0.0
10	C	4.8	0.0	0.0	1.1	-0.1	0.0	0.0	-0.2
10	All	0.7	-0.3	-0.1	-0.6	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.1
11	AN	0.0	-0.3	0.0	2.1	0.0	0.1	0.0	0.3
11	BN	0.0	-0.2	0.0	-1.0	0.0	0.0	-0.1	0.0
11	D	-0.6	-0.2	-0.4	-0.6	0.0	0.0	0.0	0.0
11	C	0.3	-0.6	-0.6	1.4	0.0	0.0	0.0	-0.1
11	All	-0.1	-0.2	-0.2	0.2	0.0	0.0	0.0	0.0

¹ 7DADM = 7-day average daily maximum

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.5. Green Sturgeon

11D.2.5.1 Sacramento River

Table 11D-202. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Spawning and Embryo Incubation, Sacramento River at Bend Bridge, <63°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	-0.2	0.0	-0.2	0.0	-1.0 [^]	0.0	-1.0 [^]
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	-0.2	-0.2	-0.2	-0.2	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	-0.1	0.0	-0.1	0.3	-0.7 [^]	0.3	-0.7 [^]

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	-0.2	0.0	-0.3	-0.3	-0.2
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.2
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-203. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Spawning and Embryo Incubation, Sacramento River below Red Bluff Diversion Dam, <63°F¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.5	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
4	All	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.2
5	W	0.0	-1.2	0.0	-1.4	0.0	-0.2	0.0	-0.1
5	AN	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.1	-0.1
5	D	0.0	0.0	0.0	0.0	-0.5	-0.5	-0.8 [^]	-0.5
5	C	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3
5	All	0.0	-0.4	0.0	-0.4	-0.1	-0.3	-0.1	-0.2
6	W	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
6	AN	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.2	0.2	-0.2	0.2	-0.3	-0.4	-0.1	-0.4
6	C	0.3	0.8	0.8	3.1	0.3	0.1	0.2	-0.1
6	All	0.1	0.2	0.1	0.6	0.1	0.0	0.1	-0.2
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
7	C	0.0	0.3	0.3	0.0	0.1	0.1	0.1	0.1
7	All	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-204. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Spawning and Embryo Incubation, Sacramento River at Hamilton City, <63°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.4	0.0	0.5	0.0	0.3	0.0	0.5
4	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	BN	0.0	0.2	0.0	1.4	0.0	0.0	0.0	0.1

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	-0.2	0.2	-0.2	0.0	0.0	0.0	0.0	0.0
4	C	0.6	-0.8	-1.1	-1.1	-0.1	0.0	0.0	0.0
4	All	0.0	0.1	-0.2	0.2	0.0	0.0	0.0	0.0
5	W	0.2	-2.6	0.2	-1.9	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	-4.0	0.0	0.0	0.0	0.0
5	BN	0.0	3.5	0.0	3.7	0.0	0.0	0.0	0.0
5	D	-0.2	2.0	-0.4	5.4*	0.0	0.0	0.0	-0.1
5	C	3.8	3.8	3.2	4.6	-0.1	-0.1	-0.1	0.0
5	All	0.6	0.7	0.5	1.3	0.0	-0.1	0.0	-0.1
6	W	-0.1	0.4	-0.3	0.1	0.0	0.0	0.0	0.0
6	AN	-0.3	6.4*	-0.3	9.2*	0.0	0.2	0.0	0.3
6	BN	-0.2	0.7	-0.2	10.0*	0.0	0.0	0.0	0.1
6	D	0.4	1.3	0.2	6.3*	0.0	-0.1	0.0	-0.1
6	C	-0.3	2.2	0.8	3.1	0.1	0.2	0.2	0.2
6	All	-0.1	1.8	0.0	4.9	0.0	0.1	0.0	0.1
7	W	-0.4	-0.2	-0.2	-0.5	0.0	0.0	0.0	0.0
7	AN	1.3	5.9*	1.3	11.8*	0.0	0.1	0.0	0.6*
7	BN	-0.2	0.5	-1.2	1.4	0.0	0.0	0.0	0.1
7	D	-0.5	0.0	-0.5	4.7	0.0	0.0	0.0	-0.1
7	C	-1.9	0.0	-1.3	3.0	0.0	0.1	0.1	0.0
7	All	-0.4	0.9	-0.4	3.3	0.0	0.0	0.0	0.1

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-205. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Larval to Juvenile Rearing and Emigration, Sacramento River at Bend Bridge, <66°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-1.9	-2.5	-1.9	-3.9	-0.1	-0.4	-0.1	NA
9	All	-0.3	-0.4	-0.3	-0.6	-0.1	-0.4	-0.1	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-206. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Larval to Juvenile Rearing and Emigration, Sacramento River below Red Bluff Diversion Dam, <66°F¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	-0.2	0.0	-0.2	0.0	NA	0.0	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	-0.1	0.0	-0.1	0.0	NA	0.0	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.3	-0.3	-0.3	-0.3	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-0.8	-1.9	-0.8	-2.8	-0.7^	-0.7^	-0.7^	-1.1^
9	All	-0.1	-0.3	-0.1	-0.4	-0.7^	-0.7^	-0.7^	-1.1^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-207. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Larval to Juvenile Rearing and Emigration, Sacramento River at Hamilton City, <66°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.2	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
5	W	0.0	-1.1	0.0	-1.1	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	-0.5	0.0	0.0	0.0	0.1
5	BN	-0.2	-0.2	-0.2	0.0	0.0	0.0	0.0	0.0
5	D	-0.2	-0.5	-0.2	-0.2	-0.1	0.0	-0.1	-0.3
5	C	0.0	0.0	-0.3	0.8	-0.1	-0.1	0.0	-0.2
5	All	-0.1	-0.5	-0.1	-0.4	0.0	-0.1	0.0	-0.2
6	W	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
6	AN	0.0	4.2	0.3	9.2*	0.0	0.1	0.0	0.0
6	BN	0.0	0.7	0.2	6.4*	0.0	-0.1	0.0	-0.1
6	D	-0.2	-0.4	-0.2	0.6	0.0	0.1	-0.1	-0.2
6	C	1.4	3.3	2.8	2.5	0.1	0.1	0.1	0.2
6	All	0.2	1.2	0.4	3.0	0.0	0.0	0.0	0.0
7	W	-0.1	0.5	-0.1	0.5	0.0	-0.1	0.0	-0.1
7	AN	0.0	0.0	0.0	4.8	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.9	0.0	0.0	0.0	-0.2
7	D	-0.2	0.0	0.0	-0.2	0.1	-0.1	-0.1	0.1
7	C	-0.5	0.0	-0.3	0.3	0.1	0.1	0.1	0.1
7	All	-0.2	0.2	-0.1	1.0	0.1	0.0	0.0	-0.1
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	1.1	0.8	1.1	1.9	-0.1	0.0	-0.1	0.2
8	BN	1.2	0.5	1.2	2.3	0.2	0.0	0.2	0.6*

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	-0.2	0.2	-0.2	0.5	-0.1	-0.2	0.0	0.0
8	C	-8.9^	-9.1^	-9.1^	-10.2^	0.0	0.1	0.0	0.2
8	All	-1.0	-1.1	-1.0	-0.7	-0.1	-0.1	-0.1	0.0
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.5	-0.2	0.5	-0.2	0.1	0.1	0.1	0.3
9	D	0.0	-0.9	0.0	0.6	0.0	0.0	0.0	-0.1
9	C	-5.8^	-6.1^	-5.6^	-7.2^	-0.2	-0.4	-0.2	-0.4
9	All	-0.8	-1.1	-0.7	-1.0	-0.2	-0.2	-0.1	-0.3
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	-0.5	0.0	-1.3	0.0	-0.3	0.0	-0.5
10	All	0.0	-0.1	0.0	-0.2	0.0	-0.3	0.0	-0.5
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-208. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Sacramento River at Bend Bridge, <66°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-1.9	-2.5	-1.9	-3.9	-0.1	-0.4	-0.1	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	-0.3	-0.4	-0.3	-0.6	-0.1	-0.4	-0.1	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-209. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Sacramento River at Bend Bridge, <73°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-210. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Sacramento River below Red Bluff Diversion Dam, <66°F¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-0.3	-0.3	-0.3	-0.3	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-0.8	-1.9	-0.8	-2.8	-0.7^	-0.7^	-0.7^	-1.1^
9	All	-0.1	-0.3	-0.1	-0.4	-0.7^	-0.7^	-0.7^	-1.1^
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-211. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Sacramento River below Red Bluff Diversion Dam, <73°F¹.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ²				Difference in Mean Degrees per Day above Indicator Value (°F) ³			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

³ Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-212. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Sacramento River at Hamilton City, <66°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	1.1	0.8	1.1	1.9	-0.1	0.0	-0.1	0.2
8	BN	1.2	0.5	1.2	2.3	0.2	0.0	0.2	0.6*
8	D	-0.2	0.2	-0.2	0.5	-0.1	-0.2	0.0	0.0
8	C	-8.9^	-9.1^	-9.1^	-10.2^	0.0	0.1	0.0	0.2
8	All	-1.0	-1.1	-1.0	-0.7	-0.1	-0.1	-0.1	0.0
9	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.5	-0.2	0.5	-0.2	0.1	0.1	0.1	0.3
9	D	0.0	-0.9	0.0	0.6	0.0	0.0	0.0	-0.1
9	C	-5.8^	-6.1^	-5.6^	-7.2^	-0.2	-0.4	-0.2	-0.4
9	All	-0.8	-1.1	-0.7	-1.0	-0.2	-0.2	-0.1	-0.3
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	-0.5	0.0	-1.3	0.0	-0.3	0.0	-0.5
10	All	0.0	-0.1	0.0	-0.2	0.0	-0.3	0.0	-0.5
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-213. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Sacramento River at Hamilton City, <73°F.

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	-0.8	-0.8	-0.8	-0.8	NA	NA	NA	NA
9	All	-0.1	-0.1	-0.1	-0.1	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Days above Indicator Value ¹				Difference in Mean Degrees per Day above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.5.2 Feather River

Table 11D-214. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Spawning and Embryo Incubation, Feather River Low-Flow Channel below the Fish Barrier Dam, <63°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-215. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Spawning and Embryo Incubation, Feather River Below the Thermalito Afterbay Outlet, <63°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	5.6*	0.0	0.0	0.0	-0.2	0.0	-0.1
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
5	All	0.0	1.2	0.0	0.0	0.0	-0.1	0.0	0.0
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1
6	BN	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.6*
6	C	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
6	All	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
7	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
7	C	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1
7	All	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-216. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Spawning and Embryo Incubation, Feather River Gridley, <63°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
6	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0	0.6*	0.6*	0.6*	0.6*
6	C	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3
6	All	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
7	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	D	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1
7	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	All	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-217. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Larval to Juvenile Rearing and Emigration, Feather River Low-Flow Channel below the Fish Barrier Dam, <66°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
6	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
7	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-8.3^	-8.3^	-8.3^	0.0	NA	NA	NA	-1.0^
8	All	-1.2	-1.2	-1.2	0.0	NA	NA	NA	-1.0^
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-218. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Larval to Juvenile Rearing and Emigration, Feather River below the Thermalito Afterbay Outlet, <66°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1
6	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
6	D	11.1*	11.1*	11.1*	11.1*	0.3	0.3	0.3	0.3
6	C	16.7*	16.7*	16.7*	16.7*	-0.1	-0.1	-0.1	-0.2
6	All	4.9	4.9	4.9	4.9	0.1	0.0	0.1	0.0
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
7	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	D	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
7	C	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1
7	All	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
8	D	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	-3.8	-3.8	-3.8	-3.8	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	0.0	1.0*	0.0	1.0*

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	8.3*	0.0	0.0	0.0	-0.7^
9	All	-1.2	-1.2	-1.2	0.0	0.5	0.8*	0.5	0.5
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-219. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Larval to Juvenile Rearing and Emigration, Feather River Gridley, <66°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
1	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
2	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
3	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
4	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
5	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
5	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
5	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
5	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
6	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	-7.1^	0.0	0.1	0.0	0.2
6	D	5.6*	5.6*	5.6*	5.6*	0.4	0.4	0.4	0.4
6	C	0.0	0.0	0.0	0.0	0.5	0.4	0.4	0.3
6	All	1.2	1.2	1.2	0.0	0.2	0.2	0.2	0.2
7	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
7	BN	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
7	D	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1
7	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.2	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	-3.8	-3.8	-3.8	-3.8	-0.3	-0.3	-0.3	-0.3
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
9	D	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
9	C	16.7*	16.7*	16.7*	8.3*	-2.0^	-2.0^	-2.0^	-1.0^
9	All	1.2	1.2	1.2	0.0	-0.1	-0.1	-0.1	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
12	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-220. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Feather River Low-Flow Channel below the Fish Barrier Dam, <66°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	-8.3^	-8.3^	-8.3^	0.0	NA	NA	NA	-1.0^
8	All	-1.2	-1.2	-1.2	0.0	NA	NA	NA	-1.0^
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-221. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Feather River Low-Flow Channel below the Fish Barrier Dam, <73°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-222. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Feather River below Thermalito Afterbay Outlet, <66°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1
8	D	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	-3.8	-3.8	-3.8	-3.8	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	0.0	1.0*	0.0	1.0*
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	8.3*	0.0	0.0	0.0	-0.7^
9	All	-1.2	-1.2	-1.2	0.0	0.5	0.8*	0.5	0.5
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-223. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Feather River below Thermalito Afterbay Outlet, <73°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0	-0.5	-0.5	-0.5	0.0
8	All	0.0	0.0	0.0	0.0	-0.2	-0.2	-0.2	0.0
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-224. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Feather River Gridley, <66°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.2	-0.2
8	All	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	W	-3.8	-3.8	-3.8	-3.8	-0.3	-0.3	-0.3	-0.3
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
9	D	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2
9	C	16.7*	16.7*	16.7*	8.3*	-2.0^	-2.0^	-2.0^	-1.0^
9	All	1.2	1.2	1.2	0.0	-0.1	-0.1	-0.1	0.0
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

Table 11D-225. Water Temperature Indicator Value Analysis Results, Green Sturgeon, Non-Spawning Adult Presence (Immigration, Pre- and Post-Spawn Holding), Feather River Gridley, <73°F.

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
8	D	0.0	5.6*	0.0	5.6*	0.0	-0.5	0.0	-0.5
8	C	0.0	0.0	0.0	0.0	-0.3	-0.3	-0.3	0.0
8	All	0.0	1.2	0.0	1.2	-0.1	-0.3	-0.1	-0.2
9	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
9	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA

Month	Water Year Type	Difference in Percent of Months above Indicator Value ¹				Difference in Mean Degrees per Month above Indicator Value (°F) ²			
		Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
10	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	W	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	AN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	BN	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	D	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	C	0.0	0.0	0.0	0.0	NA	NA	NA	NA
11	All	0.0	0.0	0.0	0.0	NA	NA	NA	NA

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

² Only includes months during which temperature exceeded indicator value; green cells with ^ after the value indicate >0.5°F lower values under the alternative relative to the NAA; red cells with * after the value indicate >0.5°F higher values under the alternative relative to the NAA.

11D.2.6. White Sturgeon

11D.2.6.1 Sacramento River

Table 11D-226. Difference in Percent of Total Days above Water Temperature Indicator Value, White Sturgeon, Spawning and Egg Incubation, Sacramento River at Hamilton City, 61°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0

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Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.1	0.0	0.8
4	AN	0.3	0.0	0.3	1.4
4	BN	0.0	0.0	-0.2	0.5
4	D	0.9	2.0	0.9	1.9
4	C	3.9	1.7	1.9	1.1
4	All	0.8	0.7	0.5	1.1
5	W	0.5	-1.0	0.5	-0.5
5	AN	0.3	0.3	0.0	-0.5
5	BN	0.0	3.9	0.0	4.6
5	D	-1.1	1.6	-1.1	3.2
5	C	1.1	1.9	1.1	4.0
5	All	0.1	1.0	0.1	1.8

Table 11D-227. Difference in Percent of Total Days above Water Temperature Indicator Value, White Sturgeon, Spawning and Egg Incubation, Sacramento River at Hamilton City, 68°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	-0.2	-0.2	-0.4	-0.4
5	C	0.0	0.0	0.0	0.0
5	All	0.0	-0.1	-0.1	-0.2

Table 11D-228. Difference in Percent of Total Days above Water Temperature Indicator Value, White Sturgeon, Juvenile Rearing and Emigration, Sacramento River at Hamilton City, 66°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.2
4	D	0.0	0.0	0.0	0.0

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Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	-1.1	0.0	-1.1
5	AN	0.0	0.0	0.0	-0.5
5	BN	-0.2	-0.2	-0.2	0.0
5	D	-0.2	-0.5	-0.2	-0.2
5	C	0.0	0.0	-0.3	0.8
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.1	0.0	0.1
6	AN	0.0	4.2	0.3	9.2*
6	BN	0.0	0.7	0.2	6.4*
6	D	-0.2	-0.4	-0.2	0.6
6	C	1.4	3.3	2.8	2.5
6	All	0.0	0.0	0.0	0.0
7	W	-0.1	0.5	-0.1	0.5
7	AN	0.0	0.0	0.0	4.8
7	BN	0.0	0.0	0.0	0.9
7	D	-0.2	0.0	0.0	-0.2
7	C	-0.5	0.0	-0.3	0.3
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	1.1	0.8	1.1	1.9
8	BN	1.2	0.5	1.2	2.3
8	D	-0.2	0.2	-0.2	0.5
8	C	-8.9^	-9.1^	-9.1^	-10.2^
8	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.5	-0.2	0.5	-0.2
9	D	0.0	-0.9	0.0	0.6
9	C	-5.8 [^]	-6.1 [^]	-5.6 [^]	-7.2 [^]
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	-0.5	0.0	-1.3
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-229. Difference in Percent of Total Days above Water Temperature Indicator Value, White Sturgeon, Adult Immigration and Holding, Sacramento River at Hamilton City, 77°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0

11D.2.6.2 Feather River

Table 11D-230. Difference in Percent of Total Months above Water Temperature Indicator Value, White Sturgeon, Spawning and Egg Incubation, Feather River below the Fish Barrier Dam, 61°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0

Table 11D-231. Difference in Percent of Total Months above Water Temperature Indicator Value, White Sturgeon, Spawning and Egg Incubation, Feather River below the Thermalito Afterbay Outlet, 61°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	-5.6^
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	-1.2

Table 11D-232. Difference in Percent of Total Months above Water Temperature Indicator Value, White Sturgeon, Spawning and Egg Incubation, Mouth of the Feather River, 61°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0

Table 11D-233. Difference in Percent of Total Months above Water Temperature Indicator Value, White Sturgeon, Juvenile Rearing and Emigration, Feather River below the Fish Barrier Dam, 66°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0
8	C	-8.3^	-8.3^	-8.3^	0.0
8	All	-1.2	-1.2	-1.2	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-234. Difference in Percent of Total Months above Water Temperature Indicator Value, White Sturgeon, Juvenile Rearing and Emigration, Feather River below the Thermalito Afterbay Outlet, 66°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	11.1*	11.1*	11.1*	11.1*
6	C	16.7*	16.7*	16.7*	16.7*
6	All	4.9	4.9	4.9	4.9
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	-3.8	-3.8	-3.8	-3.8
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	8.3
9	All	-1.2	-1.2	-1.2	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-235. Difference in Percent of Total Months above Water Temperature Indicator Value, White Sturgeon, Juvenile Rearing and Emigration, Mouth of the Feather River, 66°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0

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Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	W	0.0	0.0	0.0	-3.8
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	-1.2
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-236. Difference in Percent of Total Months above Water Temperature Indicator Value, White Sturgeon, Adult Immigration and Holding, Feather River below the Fish Barrier Dam, 77°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0

Table 11D-237. Difference in Percent of Total Months above Water Temperature Indicator Value, White Sturgeon, Adult Immigration and Holding, Feather River below the Thermalito Afterbay Outlet, 77°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0

Table 11D-238. Difference in Percent of Total Months above Water Temperature Indicator Value, White Sturgeon, Adult Immigration and Holding, Mouth of the Feather River, 77°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0

11D.2.7. Lampreys

11D.2.7.1 Sacramento River

Table 11D-239. Difference in Percent of Total Days outside Water Temperature Indicator Range, Pacific Lamprey, Spawning and Egg Incubation, Sacramento River below Keswick Dam, 50–64°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	-0.1	0.5
4	AN	0.0	-0.3	0.0	0.6
4	BN	0.0	0.2	0.0	0.2
4	D	-3.9	-3.1	-3.9	-6.3 [^]
4	C	-2.5	-0.3	2.2	4.4
4	All	-1.2	-0.7	-0.6	-0.4
5	W	-0.1	0.0	-0.1	0.0
5	AN	0.0	0.0	0.0	0.3
5	BN	-0.5	-1.2	-0.5	-0.7
5	D	-0.7	-1.3	-0.7	-2.9

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	C	2.7	1.3	1.3	5.1*
5	All	0.1	-0.3	-0.1	0.0
6	W	-0.4	-0.1	-0.4	-0.3
6	AN	0.8	-5.0	0.0	-6.7^
6	BN	-1.0	-3.8	-1.2	-11.4^
6	D	-0.6	-3.7	-0.4	-6.5^
6	C	0.3	0.0	0.3	0.0
6	All	-0.2	-2.2	-0.4	-4.4
7	W	-0.2	-0.9	-0.6	-0.4
7	AN	0.0	-3.2	0.0	-10.5^
7	BN	-1.4	-1.2	-1.2	-3.9
7	D	0.2	-0.7	0.4	-2.5
7	C	0.5	-1.1	0.5	0.3
7	All	-0.2	-1.3	-0.2	-2.8
8	W	-0.4	-0.2	0.0	-0.2
8	AN	-3.8	-3.0	-5.4^	-14.5^
8	BN	-1.6	-0.2	-1.2	0.7
8	D	-0.2	0.0	-0.2	-0.2
8	C	0.5	1.1	0.8	1.3
8	All	-0.9	-0.4	-0.9	-1.9

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-240. Difference in Percent of Total Days outside Water Temperature Indicator Range, Pacific Lamprey, Spawning and Egg Incubation, Sacramento River below Red Bluff Diversion Dam, 50–64°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	-0.4	-0.4	-0.4	-0.4
5	C	0.0	0.0	0.0	0.0
5	All	-0.1	-0.2	-0.1	-0.2
6	W	0.0	0.3	0.0	0.3
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	-0.4	0.0	0.0
6	C	1.7	1.4	1.7	0.8
6	All	0.2	0.2	0.2	0.2
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.0	0.0	0.0	0.0
8	C	-0.8	-1.1	-0.8	-1.1
8	All	-0.1	-0.2	-0.1	-0.2

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

Table 11D-241. Difference in Percent of Total Days outside Water Temperature Indicator Range, River Lamprey, Spawning and Egg Incubation, Sacramento River below Keswick Dam, 50–64°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	-4.1	0.0	0.0	0.0
2	All	-0.6	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	-0.3	-0.3	-0.3	0.0
3	BN	0.0	0.0	0.0	-0.2
3	D	0.7	0.0	0.7	0.9
3	C	-1.6	-1.3	-0.5	-1.6
3	All	-0.1	-0.2	0.0	-0.1
4	W	0.0	0.0	-0.1	0.5
4	AN	0.0	-0.3	0.0	0.6
4	BN	0.0	0.2	0.0	0.2
4	D	-3.9	-3.1	-3.9	-6.3 [^]
4	C	-2.5	-0.3	2.2	4.4
4	All	-1.2	-0.7	-0.6	-0.4

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	-0.1	0.0	-0.1	0.0
5	AN	0.0	0.0	0.0	0.3
5	BN	-0.5	-1.2	-0.5	-0.7
5	D	-0.7	-1.3	-0.7	-2.9
5	C	2.7	1.3	1.3	5.1*
5	All	0.1	-0.3	-0.1	0.0
6	W	-0.4	-0.1	-0.4	-0.3
6	AN	0.8	-5.0	0.0	-6.7^
6	BN	-1.0	-3.8	-1.2	-11.4^
6	D	-0.6	-3.7	-0.4	-6.5^
6	C	0.3	0.0	0.3	0.0
6	All	-0.2	-2.2	-0.4	-4.4
7	W	-0.2	-0.9	-0.6	-0.4
7	AN	0.0	-3.2	0.0	-10.5^
7	BN	-1.4	-1.2	-1.2	-3.9
7	D	0.2	-0.7	0.4	-2.5
7	C	0.5	-1.1	0.5	0.3
7	All	-0.2	-1.3	-0.2	-2.8

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-242. Difference in Percent of Total Days outside Water Temperature Indicator Range, River Lamprey, Spawning and Egg Incubation, Sacramento River below Red Bluff Diversion Dam, 50–64°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	-0.2	-0.2	-0.2	0.0
2	C	0.0	0.0	0.0	0.3
2	All	0.0	0.0	0.0	0.0
3	W	0.5	-0.1	0.5	-0.2
3	AN	-0.5	-0.8	-0.5	-0.5
3	BN	0.2	0.0	0.5	0.0
3	D	0.0	0.0	0.0	0.9
3	C	-0.5	0.0	-0.3	1.3
3	All	0.0	-0.2	0.1	0.2
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	-0.2	0.0	-0.2
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	-0.4	-0.4	-0.4	-0.4
5	C	0.0	0.0	0.0	0.0
5	All	-0.1	-0.2	-0.1	-0.2
6	W	0.0	0.3	0.0	0.3
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	-0.4	0.0	0.0
6	C	1.7	1.4	1.7	0.8

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	0.2	0.2	0.2	0.2
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic location.s

Table 11D-243. Difference in Percent of Total Days above Water Temperature Indicator Value, Pacific Lamprey, Ammocoete Rearing and Emigration, Sacramento River below Keswick Dam, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-244. Difference in Percent of Total Days above Water Temperature Indicator Value, Pacific Lamprey, Ammocoete Rearing and Emigration, Sacramento River below Red Bluff Diversion Dam, 72°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

Table 11D-245. Difference in Percent of Total Days above Water Temperature Indicator Value, River Lamprey, Ammocoete Rearing and Emigration, Sacramento River below Keswick Dam, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-246. Difference in Percent of Total Days above Water Temperature Indicator Value, River Lamprey, Ammocoete Rearing and Emigration, Sacramento River below Red Bluff Diversion Dam, 72°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

11D.2.7.2 Feather River

Table 11D-247. Difference in Percent of Total Months outside Water Temperature Indicator Range, Pacific Lamprey, Spawning and Egg Incubation, Feather River Low-Flow Channel below the Fish Barrier Dam, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0

Table 11D-248. Difference in Percent of Total Months outside Water Temperature Indicator Range, Pacific Lamprey, Spawning and Egg Incubation, Feather River below the Thermalito Afterbay Outlet, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0

Table 11D-249. Difference in Percent of Total Months outside Water Temperature Indicator Range, Pacific Lamprey, Spawning and Egg Incubation, Mouth of the Lower Feather River, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0

Table 11D-250. Difference in Percent of Total Months outside Water Temperature Indicator Range, River Lamprey, Spawning and Egg Incubation, Feather River Low-Flow Channel below the Fish Barrier Dam, 50–64°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	9.1*	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	1.2	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-251. Difference in Percent of Total Months outside Water Temperature Indicator Range, River Lamprey, Spawning and Egg Incubation, Feather River below the Thermalito Afterbay Outlet, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0

Table 11D-252. Difference in Percent of Total Months outside Water Temperature Indicator Range, River Lamprey, Spawning and Egg Incubation, Mouth of the Lower Feather River, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	All	0.0	0.0	0.0	0.0

Table 11D-253. Difference in Percent of Total Months above Water Temperature Indicator Value, Pacific Lamprey, Ammocoete Rearing and Emigration, Feather River Low-Flow Channel below the Fish Barrier Dam, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-254. Difference in Percent of Total Months above Water Temperature Indicator Value, Pacific Lamprey, Ammocoete Rearing and Emigration, Feather River below the Thermalito Afterbay Outlet, 72°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	5.6*	0.0	5.6*
8	C	0.0	0.0	0.0	0.0
8	All	0.0	1.2	0.0	1.2
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-255. Difference in Percent of Total Months above Water Temperature Indicator Value, Pacific Lamprey, Ammocoete Rearing and Emigration, Mouth of the Lower Feather River, 72°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	9.1*
7	BN	7.1*	7.1*	7.1*	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	1.2	1.2	1.2	1.2
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	-5.6^
8	C	-8.3^	-8.3^	-8.3^	-8.3^
8	All	-1.2	-1.2	-1.2	-2.5
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	-5.6 [^]
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	-1.2
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-256. Difference in Percent of Total Months above Water Temperature Indicator Value, River Lamprey, Ammocoete Rearing and Emigration, Feather River Low-Flow Channel below the Fish Barrier Dam, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-257. Difference in Percent of Total Months above Water Temperature Indicator Value, River Lamprey, Ammocoete Rearing and Emigration, Feather River below the Thermalito Afterbay Outlet, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	5.6	0.0	5.6
8	C	0.0	0.0	0.0	0.0
8	All	-1.2	-1.2	-1.2	-1.2
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	-1.2	-1.2	-1.2	-1.2
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	-1.2	-1.2	-1.2	-1.2
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	-1.2	-1.2	-1.2	-1.2
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-258. Difference in Percent of Total Months above Water Temperature Indicator Value, River Lamprey, Ammocoete Rearing and Emigration, Mouth of the Lower Feather River, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	9.1
7	BN	7.1	7.1	7.1	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	1.2	1.2	1.2	1.2
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	-5.6
8	C	-8.3	-8.3	-8.3	-8.3
8	All	-1.2	-1.2	-1.2	-2.5
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	-5.6
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	-1.2
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

11D.2.7.3 American River**Table 11D-259. Difference in Percent of Total Days outside Water Temperature Indicator Range, Pacific Lamprey, Spawning and Egg Incubation, American River below Nimbus, 50–64°F.**

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.1	0.0	0.0
3	AN	-0.5	-0.5	-0.5	-0.3
3	BN	0.0	0.0	0.0	0.0
3	D	-0.5	0.2	-0.4	0.0
3	C	-0.8	-0.3	-0.5	-1.1
3	All	-0.3	0.0	-0.2	-0.2
4	W	0.0	0.3	0.1	0.1
4	AN	0.0	0.0	0.0	0.0
4	BN	0.2	0.2	0.2	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.1	0.1	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.4	0.0	-0.2
5	C	0.0	0.0	0.0	-0.3
5	All	0.0	0.1	0.0	-0.1
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	-1.1	0.0	-1.1
6	BN	0.0	-0.5	-0.2	-0.5
6	D	0.0	0.9	0.0	-0.6

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	C	3.6	0.3	-0.8	1.7
6	All	0.5	0.0	-0.2	-0.1
7	W	0.1	-0.1	0.1	0.1
7	AN	0.3	2.2	0.3	4.6
7	BN	-0.5	-0.2	-0.7	-0.7
7	D	-0.5	0.4	-0.7	0.7
7	C	-2.2	-0.3	-2.7	-0.8
7	All	-0.4	0.3	-0.6	0.6

Table 11D-260. Difference in Percent of Total Days outside Water Temperature Indicator Range, Pacific Lamprey, Spawning and Egg Incubation, American River at Watt Avenue, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.2	0.0	0.2
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.2	0.2	0.2	0.2
4	D	0.0	0.0	0.0	-0.2
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	-0.1	-0.1	-0.1	-0.1

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	-0.2	0.7	-0.2	1.4
5	C	-1.9	-1.1	-1.9	-1.9
5	All	-0.4	0.0	-0.4	0.0
6	W	0.0	-0.1	0.0	0.0
6	AN	0.3	-0.6	0.3	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.7	-0.2	0.7	-0.7
6	C	0.3	0.0	0.3	-0.6
6	All	0.2	-0.2	0.2	-0.2
7	W	-0.2	-0.6	-0.4	-0.1
7	AN	-0.3	1.1	-0.3	1.6
7	BN	0.0	0.9	-0.2	0.0
7	D	-0.2	1.4	-0.2	0.5
7	C	0.0	0.0	0.0	0.0
7	All	-0.2	0.4	-0.2	0.3

Table 11D-261. Difference in Percent of Total Days outside Water Temperature Indicator Range, Pacific Lamprey, Spawning and Egg Incubation, Mouth of the American River, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.1	0.0	0.1	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	-0.2	0.0	-0.4

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	-0.1
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	-0.2	0.6	-0.2	-0.2
4	C	-0.8	-0.8	1.1	2.5
4	All	-0.2	0.0	0.1	0.3
5	W	-0.1	-0.1	-0.1	-0.1
5	AN	-0.3	-0.3	-0.3	-0.3
5	BN	0.0	0.0	0.0	0.0
5	D	-0.2	2.3	-0.2	2.7
5	C	0.5	0.5	-0.8	-1.9
5	All	0.0	0.5	-0.2	0.2
6	W	0.0	0.0	0.0	0.0
6	AN	-0.6	0.3	-0.6	0.8
6	BN	-0.2	-0.5	-0.2	-0.7
6	D	-0.2	-0.4	-0.2	0.0
6	C	0.3	0.3	0.0	-0.3
6	All	-0.1	-0.1	-0.2	0.0
7	W	0.0	0.1	0.0	0.0
7	AN	-0.3	0.0	-0.3	0.8
7	BN	0.0	-0.2	-0.2	-0.5
7	D	0.0	0.0	0.0	-0.4
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	-0.1	0.0

Table 11D-262. Difference in Percent of Total Days outside Water Temperature Indicator Range, River Lamprey, Spawning and Egg Incubation, American River below Nimbus, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.1	0.0	0.0
3	AN	-0.5	-0.5	-0.5	-0.3
3	BN	0.0	0.0	0.0	0.0
3	D	-0.5	0.2	-0.4	0.0
3	C	-0.8	-0.3	-0.5	-1.1
3	All	-0.3	0.0	-0.2	-0.2
4	W	0.0	0.3	0.1	0.1
4	AN	0.0	0.0	0.0	0.0
4	BN	0.2	0.2	0.2	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.1	0.1	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.4	0.0	-0.2
5	C	0.0	0.0	0.0	-0.3
5	All	0.0	0.1	0.0	-0.1

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	-1.1	0.0	-1.1
6	BN	0.0	-0.5	-0.2	-0.5
6	D	0.0	0.9	0.0	-0.6
6	C	3.6	0.3	-0.8	1.7
6	All	0.5	0.0	-0.2	-0.1
7	W	0.1	-0.1	0.1	0.1
7	AN	0.3	2.2	0.3	4.6
7	BN	-0.5	-0.2	-0.7	-0.7
7	D	-0.5	0.4	-0.7	0.7
7	C	-2.2	-0.3	-2.7	-0.8
7	All	-0.4	0.3	-0.6	0.6

Table 11D-263. Difference in Percent of Total Days outside Water Temperature Indicator Range, River Lamprey, Spawning and Egg Incubation, American River at Watt Avenue, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	-0.3
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.2
2	C	1.5	1.5	1.8	1.5
2	All	0.2	0.2	0.3	0.2
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.2	0.0	0.2
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.2	0.2	0.2	0.2
4	D	0.0	0.0	0.0	-0.2
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	-0.1	-0.1	-0.1	-0.1
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	-0.2	0.7	-0.2	1.4
5	C	-1.9	-1.1	-1.9	-1.9
5	All	-0.4	0.0	-0.4	0.0
6	W	0.0	-0.1	0.0	0.0
6	AN	0.3	-0.6	0.3	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.7	-0.2	0.7	-0.7
6	C	0.3	0.0	0.3	-0.6
6	All	0.2	-0.2	0.2	-0.2
7	W	-0.2	-0.6	-0.4	-0.1
7	AN	-0.3	1.1	-0.3	1.6
7	BN	0.0	0.9	-0.2	0.0
7	D	-0.2	1.4	-0.2	0.5
7	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	All	-0.2	0.4	-0.2	0.3

Table 11D-264. Difference in Percent of Total Days outside Water Temperature Indicator Range, River Lamprey, Spawning and Egg Incubation, Mouth of the American River, 50–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	-0.2
2	C	3.5	2.6	3.5	2.6
2	All	0.5	0.4	0.5	0.3
3	W	0.1	0.0	0.1	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	-0.2	0.0	-0.4
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	-0.1
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	-0.2	0.6	-0.2	-0.2
4	C	-0.8	-0.8	1.1	2.5
4	All	-0.2	0.0	0.1	0.3
5	W	-0.1	-0.1	-0.1	-0.1
5	AN	-0.3	-0.3	-0.3	-0.3

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	BN	0.0	0.0	0.0	0.0
5	D	-0.2	2.3	-0.2	2.7
5	C	0.5	0.5	-0.8	-1.9
5	All	0.0	0.5	-0.2	0.2
6	W	0.0	0.0	0.0	0.0
6	AN	-0.6	0.3	-0.6	0.8
6	BN	-0.2	-0.5	-0.2	-0.7
6	D	-0.2	-0.4	-0.2	0.0
6	C	0.3	0.3	0.0	-0.3
6	All	-0.1	-0.1	-0.2	0.0
7	W	0.0	0.1	0.0	0.0
7	AN	-0.3	0.0	-0.3	0.8
7	BN	0.0	-0.2	-0.2	-0.5
7	D	0.0	0.0	0.0	-0.4
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	-0.1	0.0

Table 11D-265. Difference in Percent of Total Days above Water Temperature Indicator Value, Pacific Lamprey, Ammocoete Rearing and Emigration, American River below Nimbus, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-266. Difference in Percent of Total Days above Water Temperature Indicator Value, Pacific Lamprey, Ammocoete Rearing and Emigration, American River at Watt Avenue, 72°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0

Fisheries Water Temperature Assessment

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.3
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0

Fisheries Water Temperature Assessment

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	-0.2	0.0	0.9
6	C	0.0	0.0	-0.3	0.0
6	All	0.0	0.0	0.0	0.2
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.2	0.0	0.2	0.4
7	C	-2.7	-0.8	0.3	-5.1^
7	All	-0.4	-0.1	0.1	-0.7
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.2	0.0	0.0	0.5
8	C	0.0	-1.1	0.0	1.9
8	All	0.0	-0.2	0.0	0.4
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.2
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-267. Difference in Percent of Total Days above Water Temperature Indicator Value, Pacific Lamprey, Ammocoete Rearing and Emigration, Mouth of the American River, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.4	0.5	0.4	0.7
5	C	0.3	1.1	0.0	0.5
5	All	0.1	0.3	0.1	0.2
6	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	AN	0.0	-0.3	0.0	-0.3
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	-0.4	0.0	-0.9
6	C	1.4	0.0	1.1	0.3
6	All	0.2	-0.1	0.2	-0.2
7	W	-0.1	-0.1	-0.1	-0.1
7	AN	0.0	0.0	0.0	-0.3
7	BN	0.0	0.2	0.0	0.5
7	D	-0.2	0.5	0.0	2.9
7	C	-2.4	-0.3	-0.8	0.3
7	All	-0.4	0.1	-0.2	0.7
8	W	0.0	0.0	0.0	-0.1
8	AN	0.0	0.0	0.0	-0.5
8	BN	-0.5	-0.2	-0.5	-1.2
8	D	-0.2	-1.6	-0.4	-4.8
8	C	3.2	3.0	3.5	4.3
8	All	0.4	0.0	0.4	-0.7
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.2
9	D	0.4	-0.7	0.4	-1.9
9	C	0.3	1.1	0.3	0.0
9	All	0.1	0.0	0.1	-0.4
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-268. Difference in Percent of Total Days above Water Temperature Indicator Value, River Lamprey, Ammonoete Rearing and Emigration, American River below Nimbus, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0

Fisheries Water Temperature Assessment

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0

Fisheries Water Temperature Assessment

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-269. Difference in Percent of Total Days above Water Temperature Indicator Value, River Lamprey, Ammonoete Rearing and Emigration, American River at Watt Avenue, 72°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.3
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	-0.2	0.0	0.9

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	C	0.0	0.0	-0.3	0.0
6	All	0.0	0.0	0.0	0.2
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.2	0.0	0.2	0.4
7	C	-2.7	-0.8	0.3	-5.1 [^]
7	All	-0.4	-0.1	0.1	-0.7
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.2	0.0	0.0	0.5
8	C	0.0	-1.1	0.0	1.9
8	All	0.0	-0.2	0.0	0.4
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.2
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-270. Difference in Percent of Total Days above Water Temperature Indicator Value, River Lamprey, Ammonoete Rearing and Emigration, Mouth of the American River, 72°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.4	0.5	0.4	0.7
5	C	0.3	1.1	0.0	0.5
5	All	0.1	0.3	0.1	0.2
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	-0.3	0.0	-0.3
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	-0.4	0.0	-0.9
6	C	1.4	0.0	1.1	0.3

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	0.2	-0.1	0.2	-0.2
7	W	-0.1	-0.1	-0.1	-0.1
7	AN	0.0	0.0	0.0	-0.3
7	BN	0.0	0.2	0.0	0.5
7	D	-0.2	0.5	0.0	2.9
7	C	-2.4	-0.3	-0.8	0.3
7	All	-0.4	0.1	-0.2	0.7
8	W	0.0	0.0	0.0	-0.1
8	AN	0.0	0.0	0.0	-0.5
8	BN	-0.5	-0.2	-0.5	-1.2
8	D	-0.2	-1.6	-0.4	-4.8
8	C	3.2	3.0	3.5	4.3
8	All	0.4	0.0	0.4	-0.7
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.2
9	D	0.4	-0.7	0.4	-1.9
9	C	0.3	1.1	0.3	0.0
9	All	0.1	0.0	0.1	-0.4
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

11D.2.8. Native Minnows

11D.2.8.1 Sacramento River

Table 11D-271. Difference in Percent of Total Days outside Water Temperature Indicator Range, Sacramento Splittail, Spawning, Sacramento River at Hamilton City, 45–75°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.3	0.0	0.3	0.3
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	-0.3	0.0	-0.3
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.1	0.0	0.1	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0

Table 11D-272. Difference in Percent of Total Days outside Water Temperature Indicator Range, Sacramento Hitch, Spawning, Sacramento River below Red Bluff Diversion Dam, 57–79°F^{1,2}.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.3

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	-1.4
4	AN	-0.3	-0.3	-0.3	-1.1
4	BN	-0.2	-0.2	-0.2	0.0
4	D	-0.2	-2.0	-0.2	-3.0
4	C	-4.7	-3.1	-1.1	0.0
4	All	-0.8	-1.0	-0.3	-1.3
5	W	-0.4	2.6	-0.4	1.5
5	AN	0.0	0.3	0.0	4.0
5	BN	0.2	-4.4	0.2	-5.3 [^]
5	D	0.7	-1.3	0.9	-3.4
5	C	-1.3	-1.1	-1.6	-1.6
5	All	-0.1	-0.3	-0.1	-0.8
6	W	0.1	-0.4	0.1	0.0
6	AN	0.0	-8.9 [^]	0.0	-9.7 [^]
6	BN	-0.2	-3.8	0.0	-13.3 [^]
6	D	0.2	0.0	0.2	-7.4 [^]
6	C	0.8	-1.9	0.3	0.0
6	All	0.2	-2.4	0.1	-5.3 [^]
7	W	-0.1	0.0	-0.1	0.0
7	AN	-1.1	-1.1	-1.1	-8.3 [^]
7	BN	0.0	0.5	0.5	-0.9
7	D	0.0	-0.7	0.2	-5.6 [^]
7	C	0.8	-0.5	0.3	-1.3
7	All	-0.1	-0.3	0.0	-2.8

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-273. Difference in Percent of Total Days outside Water Temperature Indicator Range, Sacramento Hitch, Spawning, Sacramento River at Butte City, 57–79°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	-8.3^
3	All	0.0	0.0	0.0	-1.2
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-274. Difference in Percent of Total Days outside Water Temperature Indicator Range, Hardhead, Spawning, Sacramento River below Keswick Dam, 59–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0

Table 11D-275. Difference in Percent of Total Days outside Water Temperature Indicator Range, Hardhead, Spawning, Sacramento River below Red Bluff Diversion Dam, 59–64°F^{1,2}.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	-0.1	-0.5	-0.1	-0.9
4	AN	-0.3	-0.3	-0.3	0.0
4	BN	-0.5	-0.5	-0.5	-1.0
4	D	-1.5	-2.0	-1.5	-1.3
4	C	-0.3	1.4	1.7	1.7
4	All	-0.5	-0.5	-0.2	-0.5
5	W	0.0	1.9	0.0	1.2
5	AN	-0.3	-0.3	-0.3	3.2
5	BN	0.0	-4.4	0.0	-4.4
5	D	0.9	-3.0	0.9	-4.1
5	C	-1.3	-3.2	-1.6	-2.7
5	All	0.0	-1.3	-0.1	-1.2
6	W	0.0	0.9	0.3	0.6
6	AN	0.0	-11.1 [^]	0.0	-12.8 [^]
6	BN	0.2	-0.5	0.2	-5.5 [^]
6	D	-0.4	-0.4	-0.4	-3.5

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	C	2.5	0.3	0.3	-0.6
6	All	0.3	-1.5	0.1	-3.5

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-276. Difference in Percent of Total Days outside Water Temperature Indicator Range, Hardhead, Adults and Other Life Stages, Sacramento River below Keswick Dam, 65–82°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

Table 11D-277. Difference in Percent of Total Days outside Water Temperature Indicator Range, Hardhead, Adults and Other Life Stages, Sacramento River below Red Bluff Diversion Dam, 65–82°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.1	0.0	0.1
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.2	0.2	0.2	0.2
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.5	0.5	0.5	0.5
8	All	0.1	0.1	0.1	0.1
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.8	2.8	1.4	4.2
9	All	0.1	0.4	0.2	0.6
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.3	0.3	0.3
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

11D.2.8.2 Feather River

Table 11D-278. Difference in Percent of Total Months outside Water Temperature Indicator Range, Sacramento Splittail, Spawning, Mouth of the Feather River, 45–75°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0

Table 11D-279. Difference in Percent of Total Months outside Water Temperature Indicator Range, Sacramento Hitch, Spawning, Feather River Low-Flow Channel below the Fish Barrier Dam, 57–79°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	7.1*
6	D	-5.6^	-11.1^	-5.6^	-11.1^
6	C	-8.3^	-8.3^	-8.3^	-8.3^
6	All	-2.5	-3.7	-2.5	-2.5
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	8.3*	0.0
7	All	0.0	0.0	1.2	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-280. Difference in Percent of Total Months outside Water Temperature Indicator Range, Sacramento Hitch, Spawning, Feather River below the Thermalito Afterbay Outlet, 57–79°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	-9.1 [^]
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	-5.6 [^]	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	-1.2	0.0	-1.2
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-281. Difference in Percent of Total Months outside Water Temperature Indicator Range, Hardhead, Spawning, Feather River Low-Flow Channel below the Fish Barrier Dam, 59–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0

Table 11D-282. Difference in Percent of Total Months outside Water Temperature Indicator Range, Hardhead, Spawning, Feather River below the Thermalito Afterbay Outlet, 59–64°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	-5.6 [^]	-5.6 [^]	-5.6 [^]	-5.6 [^]
5	C	8.3 [*]	8.3 [*]	8.3 [*]	8.3 [*]
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-283. Difference in Percent of Total Months outside Water Temperature Indicator Range, Hardhead, Spawning, Mouth of the Lower Feather River, 59–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0

Table 11D-284. Difference in Percent of Total Months outside Water Temperature Indicator Range, Hardhead, Adults and Juveniles, Feather River Low-Flow Channel below the Fish Barrier Dam, 65–82°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	8.3*	8.3*	0.0	0.0
8	All	1.2	1.2	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-285. Difference in Percent of Total Months outside Water Temperature Indicator Range, Hardhead, Adults and Juveniles, Feather River below the Thermalito Afterbay Outlet, 65–82°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0

Fisheries Water Temperature Assessment

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	-5.6^

Fisheries Water Temperature Assessment

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	-1.2
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	3.8	3.8	3.8	3.8
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	7.1*
9	D	-11.1^	-11.1^	-11.1^	-5.6^
9	C	0.0	0.0	0.0	-16.7^
9	All	-1.2	-1.2	-1.2	-1.2
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-286. Difference in Percent of Total Months outside Water Temperature Indicator Range, Hardhead, Adults and Juveniles, Mouth of the Lower Feather River, 65–82°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

11D.2.8.3 American River

Table 11D-287. Difference in Percent of Total Days outside Water Temperature Indicator Range, Sacramento Splittail, Spawning, Mouth of the American River, 45–75°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
2	W	-0.1	0.0	-0.1	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.3	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.4	0.0	0.2
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.1	0.0	0.0

Table 11D-288. Difference in Percent of Total Days outside Water Temperature Indicator Range, Sacramento Hitch, Spawning, American River below Nimbus, 57–79°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	-0.2	-0.2	-0.2	-0.2
4	D	-0.6	-0.4	-0.6	-0.9
4	C	-1.7	-1.9	-1.7	-2.5
4	All	-0.4	-0.4	-0.4	-0.6
5	W	0.1	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.3
5	BN	0.0	0.0	0.0	0.0
5	D	-0.2	-0.7	-0.2	-0.5
5	C	0.5	-1.1	0.8	0.5
5	All	0.1	-0.3	0.1	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.3	-0.6	0.3	-0.6
6	BN	0.0	0.2	0.0	0.7
6	D	-0.2	0.0	-0.2	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	-0.3	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0

Table 11D-289. Difference in Percent of Total Days outside Water Temperature Indicator Range, Sacramento Hitch, Spawning, American River at Watt Avenue, 57–79°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	-1.3	-1.1	-1.3	-1.6
3	All	-0.2	-0.2	-0.2	-0.2
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.3
4	BN	-0.2	-0.2	-0.2	0.2
4	D	-0.2	0.4	-0.2	0.7
4	C	-1.1	-0.3	-3.6	-4.4
4	All	-0.2	0.0	-0.6	-0.4
5	W	0.0	0.0	0.0	0.0
5	AN	0.3	0.3	0.3	0.3
5	BN	0.2	0.2	0.2	-0.2
5	D	-0.2	-0.4	-0.2	-0.2
5	C	-0.5	-0.5	0.3	0.0
5	All	0.0	-0.1	0.1	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0

Table 11D-290. Difference in Percent of Total Days outside Water Temperature Indicator Range, Hardhead, Spawning, American River at Watt Avenue, 59–64°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.2	0.2	0.2	0.2
4	D	-0.2	-0.4	-0.2	1.3
4	C	0.0	-1.7	-3.1	-5.0
4	All	0.0	-0.3	-0.4	-0.4
5	W	-0.1	-0.1	-0.1	-0.1
5	AN	0.0	-0.3	0.3	0.0
5	BN	0.2	0.0	0.2	0.0
5	D	0.0	0.0	-0.2	0.4
5	C	-4.0	-3.5	-1.1	-1.1
5	All	-0.6	-0.6	-0.2	-0.1
6	W	0.0	-0.1	0.0	0.0
6	AN	0.3	-0.6	0.3	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.7	-0.2	0.7	-0.7

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	C	0.3	0.0	0.3	-0.6
6	All	0.2	-0.2	0.2	-0.2

Table 11D-291. Difference in Percent of Total Days outside Water Temperature Indicator Range, Hardhead, Adults and Other Life Stages, American River at Watt Avenue, 65–82°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.2	0.2	0.2	0.2
5	D	0.0	-1.3	0.0	-1.6
5	C	-0.8	-1.1	0.5	0.5
5	All	-0.1	-0.4	0.1	-0.2
6	W	0.0	0.4	0.0	-0.1
6	AN	-0.6	-0.3	-0.6	0.6
6	BN	0.0	0.0	0.0	0.0
6	D	-0.9	0.0	-0.9	0.7
6	C	-0.3	0.0	-0.3	-0.3
6	All	-0.3	0.1	-0.3	0.2
7	W	0.4	0.9	0.6	0.6
7	AN	0.0	-0.8	0.0	-1.3
7	BN	0.5	-0.5	0.9	-0.7
7	D	-0.5	-1.3	-0.5	-0.2
7	C	0.0	0.0	0.0	0.0
7	All	0.1	-0.2	0.2	-0.2
8	W	0.1	-0.4	0.1	0.1
8	AN	-0.8	0.8	-1.3	-2.7
8	BN	0.0	0.2	0.0	-1.4

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	D	0.4	2.9	0.0	0.9
8	C	-1.6	-0.8	-1.1	-1.1
8	All	-0.2	0.6	-0.3	-0.6
9	W	0.0	-0.3	0.0	-0.5
9	AN	0.3	1.1	-1.9	-3.9
9	BN	-1.0	-1.2	0.5	-2.9
9	D	-2.8	-3.0	-3.0	-1.5
9	C	-0.3	-0.6	-0.3	1.4
9	All	-0.8	-0.9	-0.9	-1.3
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	-0.3
10	BN	0.0	-0.2	0.0	0.2
10	D	0.0	0.2	0.0	0.5
10	C	-1.3	0.0	-0.8	1.3
10	All	-0.2	0.0	-0.1	0.3
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
12	All	0.0	0.0	0.0	0.0

11D.2.9. Striped Bass

11D.2.9.1 Sacramento River

Table 11D-292. Difference in Percent of Total Days outside Water Temperature Indicator Range, Striped Bass, Spawning, Embryo Incubation, and Initial Rearing, Sacramento River at Butte City, 59–68°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	-9.1 [^]
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	-11.1 [^]	0.0	-11.1 [^]
4	C	0.0	0.0	0.0	0.0
4	All	0.0	-2.5	0.0	-3.7
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	9.1 [*]
6	BN	0.0	0.0	0.0	7.1 [*]
6	D	0.0	0.0	0.0	0.0
6	C	-8.3 [^]	-8.3 [^]	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	All	-1.2	-1.2	0.0	2.5

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-293. Difference in Percent of Total Days outside Water Temperature Indicator Range, Striped Bass, Larvae, Fry, and Juvenile Rearing and Emigration, Sacramento River at Butte City, 61–71°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	-3.8	0.0	-7.7^
4	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	BN	0.0	0.0	0.0	0.0
4	D	5.6*	0.0	5.6*	-5.6^
4	C	0.0	0.0	0.0	8.3*
4	All	1.2	-1.2	1.2	-2.5
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	8.3*	8.3*	0.0
7	All	0.0	1.2	1.2	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0

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Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	-3.8	0.0	0.0
9	AN	-9.1^	-9.1^	-9.1^	9.1*
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	-1.2	-2.5	-1.2	1.2
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

11D.2.9.2 Feather River

Table 11D-294. Difference in Percent of Total Months outside Water Temperature Indicator Range, Striped Bass, Spawning, Embryo Incubation, and Initial Rearing, Feather River below the Thermalito Afterbay Outlet, 59–68°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	-5.6^	-5.6^	-5.6^	-5.6^
5	C	8.3*	8.3*	8.3*	8.3*
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	7.1*	7.1*	7.1*	7.1*
6	D	11.1*	11.1*	11.1*	5.6*
6	C	8.3*	8.3*	8.3*	8.3*
6	All	4.9	4.9	4.9	3.7

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-295. Difference in Percent of Total Months outside Water Temperature Indicator Range, Striped Bass, Spawning, Embryo Incubation, and Initial Rearing, Mouth of the Feather River, 59–68°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	7.1*	0.0	7.1*
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	1.2	0.0	1.2
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-296. Difference in Percent of Total Months outside Water Temperature Indicator Range, Striped Bass, Larvae, Fry, and Juvenile Rearing and Emigration, Feather River below the Thermalito Afterbay Outlet, 61–71°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0

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Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	5.6*
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	1.2
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	8.3*	8.3*	8.3*	0.0
6	All	1.2	1.2	1.2	0.0
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	-5.6^
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	-1.2
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	5.6*
8	C	-8.3^	-8.3^	-8.3^	-8.3^
8	All	-1.2	-1.2	-1.2	0.0
9	W	0.0	0.0	0.0	3.8
9	AN	0.0	9.1*	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	8.3*	0.0
9	All	0.0	1.2	1.2	1.2
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	5.6*	5.6*	5.6*	5.6*
10	C	-8.3^	-8.3^	-8.3^	0.0
10	All	0.0	0.0	0.0	1.2
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-297. Difference in Percent of Total Months outside Water Temperature Indicator Range, Striped Bass, Larvae, Fry, and Juvenile Rearing and Emigration, Mouth of the Feather River, 61–71°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	16.7*	16.7*	16.7*	16.7*
6	C	16.7*	16.7*	16.7*	16.7*
6	All	6.2*	6.2*	6.2*	6.2*
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	9.1*
7	BN	7.1*	7.1*	7.1*	7.1*
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	1.2	1.2	1.2	2.5
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	-3.8	-3.8	-3.8	-3.8
9	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	-7.1^	-7.1^	-7.1^	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	-8.3^	0.0	0.0
9	All	-2.5	-3.7	-2.5	-1.2
10	W	0.0	0.0	0.0	0.0
10	AN	-9.1^	-9.1^	-9.1^	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	11.1*	16.7*	11.1*	16.7*
10	C	8.3*	0.0	8.3*	0.0
10	All	2.5	2.5	2.5	3.7
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

11D.2.9.3 American River**Table 11D-298. Difference in Percent of Total Days outside Water Temperature Indicator Range, Striped Bass, Spawning, Egg Incubation, and Initial Rearing, American River at Watt Avenue, 59–68°F.**

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	-0.2	-0.4	-0.2	1.5
4	C	0.0	-1.7	-3.1	-5.0
4	All	0.0	-0.3	-0.5	-0.4
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	-0.3	0.3	0.0
5	BN	0.2	0.0	0.2	0.0
5	D	0.2	-0.2	0.0	-1.1
5	C	-1.6	-2.2	1.3	1.6
5	All	-0.2	-0.4	0.3	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	-1.1	0.0	-1.1
6	BN	0.0	0.0	-0.2	0.0
6	D	-0.6	-0.2	-0.6	-1.7
6	C	1.1	-0.3	0.6	0.0
6	All	0.0	-0.2	-0.1	-0.5

Table 11D-299. Difference in Percent of Total Days outside Water Temperature Indicator Range, Striped Bass, Spawning, Egg Incubation, and Initial Rearing, Mouth of the American River, 59–68°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.1
4	AN	0.0	0.0	0.0	0.6
4	BN	0.5	0.5	0.5	0.5
4	D	0.0	0.2	0.0	1.3
4	C	-0.6	0.6	-4.7	-5.0
4	All	0.0	0.2	-0.6	-0.2
5	W	0.0	-0.1	0.0	0.0
5	AN	0.0	0.0	0.0	0.3
5	BN	0.0	0.0	0.0	-0.5
5	D	-1.3	1.4	-1.3	2.5
5	C	-2.2	-0.8	-1.3	-2.4
5	All	-0.6	0.2	-0.5	0.2
6	W	0.0	-0.1	0.0	0.0
6	AN	0.3	0.8	0.3	0.6
6	BN	0.0	0.2	0.0	0.5
6	D	0.2	0.9	0.0	1.5
6	C	0.3	0.3	0.3	-0.6
6	All	0.1	0.4	0.1	0.4

Table 11D-300. Difference in Percent of Total Days outside Water Temperature Indicator Range, Striped Bass, Larvae, Fry, and Juvenile Rearing and Emigration, American River at Watt Avenue, 61–71°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	-0.2	-0.2	-0.2	-0.2
4	D	0.2	0.0	0.2	0.2
4	C	-0.6	0.6	-1.7	-3.3
4	All	-0.1	0.0	-0.2	-0.5
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	D	0.0	-1.8	0.0	-1.8
5	C	1.1	0.3	1.6	1.9
5	All	0.2	-0.4	0.2	-0.1
6	W	0.0	0.1	0.0	0.1
6	AN	0.3	-0.8	0.3	-1.1
6	BN	0.2	1.0	0.2	1.0
6	D	0.2	0.0	0.2	1.1
6	C	0.0	-0.3	-1.1	-0.6
6	All	0.1	0.0	0.0	0.2
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	-0.5
7	BN	0.0	0.0	0.0	0.0
7	D	0.2	0.0	0.2	0.7
7	C	-5.1^	-0.8	-1.6	-4.8
7	All	-0.7	-0.1	-0.2	-0.6
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.2	-0.2	0.2	-0.5
8	C	0.0	0.3	0.0	4.0
8	All	0.0	0.0	0.0	0.5
9	W	0.3	0.1	0.1	0.1
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.5
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.8

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	All	0.1	0.0	0.0	0.2
10	W	-0.1	-0.4	0.0	-0.7
10	AN	0.0	1.2	0.0	1.2
10	BN	-0.5	0.0	0.0	-0.9
10	D	-0.2	-0.9	-0.4	-0.7
10	C	-5.4 [^]	-1.1	-2.2	0.0
10	All	-1.0	-0.3	-0.4	-0.4
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	-0.6
11	BN	0.0	0.0	0.0	0.5
11	D	0.0	0.0	0.0	0.2
11	C	-0.3	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-301. Difference in Percent of Total Days outside Water Temperature Indicator Range, Striped Bass, Larvae, Fry, and Juvenile Rearing and Emigration, Mouth of the American River, 61–71°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0

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Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	-0.7	-0.7	-0.7	-0.7
4	D	0.0	-0.2	0.0	1.9
4	C	1.4	0.8	-2.8	-5.3^
4	All	0.1	0.0	-0.5	-0.5
5	W	0.0	0.0	0.0	0.0
5	AN	0.3	0.0	0.3	0.3
5	BN	0.0	0.0	0.0	0.0
5	D	0.2	0.0	0.2	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	C	-2.4	-2.4	-0.3	0.3
5	All	-0.3	-0.4	0.0	0.1
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	1.1	0.0	1.1
6	BN	0.0	0.2	0.0	0.2
6	D	0.0	0.6	0.0	0.2
6	C	0.3	-0.6	0.3	-0.8
6	All	0.0	0.2	0.0	0.1
7	W	0.0	0.0	0.0	0.0
7	AN	-0.3	-0.3	-0.3	-0.8
7	BN	0.0	-0.2	0.0	1.2
7	D	0.0	0.5	0.0	2.5
7	C	-0.8	0.0	-0.5	0.0
7	All	-0.2	0.0	-0.1	0.6
8	W	0.5	0.1	0.5	0.0
8	AN	0.0	0.0	0.0	1.3
8	BN	0.5	0.2	0.0	0.2
8	D	0.5	-2.0	0.4	-1.3
8	C	3.8	3.5	3.5	4.8
8	All	0.9	0.2	0.7	0.7
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.8
9	BN	0.0	0.0	0.0	0.0
9	D	0.6	0.4	0.6	-0.9
9	C	-0.8	-0.6	-0.8	-0.8
9	All	0.0	0.0	0.0	-0.2

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	-0.2	0.0	0.0
10	AN	0.3	1.8	0.3	3.5
10	BN	-0.5	-1.2	-0.7	-0.5
10	D	0.4	0.0	0.4	0.2
10	C	-4.3	0.0	-0.5	0.3
10	All	-0.6	0.0	-0.1	0.5
11	W	-0.1	-0.1	-0.1	-0.1
11	AN	0.0	0.0	0.0	-0.6
11	BN	0.0	0.0	0.0	0.2
11	D	-0.4	0.2	-0.6	-0.4
11	C	-0.3	0.0	0.0	0.0
11	All	-0.2	0.0	-0.2	-0.2
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

11D.2.10.American Shad

11D.2.10.1 Sacramento River

Table 11D-302. Difference in Percent of Total Days outside Water Temperature Indicator Range, American Shad, Spawning, Embryo Incubation, and Initial Rearing, Sacramento River below Red Bluff Diversion Dam, 60–70°F^{1,2}.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	-0.1	-0.4	-0.1	-0.8
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	-0.7	0.0	-2.6
4	D	-0.6	-1.7	-0.6	-0.9
4	C	0.3	0.6	0.6	0.6
4	All	-0.1	-0.5	-0.1	-0.8
5	W	-0.1	1.5	-0.1	1.0
5	AN	0.0	0.0	0.0	3.0
5	BN	0.0	-2.8	0.0	-2.8
5	D	-0.4	-3.0	-0.4	-5.0
5	C	-1.6	-3.5	-2.2	-4.0
5	All	-0.4	-1.2	-0.4	-1.4
6	W	0.5	0.4	0.4	0.8
6	AN	-0.6	-7.5 [^]	-0.6	-11.7 [^]
6	BN	-0.2	-0.7	-0.2	-6.9 [^]
6	D	0.4	0.0	0.0	-1.7
6	C	1.9	-4.4	-0.8	-3.9
6	All	0.4	-1.7	-0.1	-3.6

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

² Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-303. Difference in Percent of Total Days outside Water Temperature Indicator Range, American Shad, Spawning, Embryo Incubation, and Initial Rearing, Sacramento River at Butte City, 60–70°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	-5.6 [^]	0.0	-5.6 [^]
4	C	-16.7 [^]	-16.7 [^]	-8.3 [^]	-8.3 [^]
4	All	-2.5	-3.7	-1.2	-2.5
5	W	-3.8	-3.8	-3.8	-3.8
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	-1.2	-1.2	-1.2	-1.2
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-304. Difference in Percent of Total Days outside Water Temperature Indicator Range, American Shad, Larvae, Fry, and Juvenile Rearing and Emigration, Sacramento River below Red Bluff Diversion Dam, 63–77°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	-0.5
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	-0.1

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	1.2	0.0	1.4
5	AN	-0.3	-0.3	-0.3	-0.3
5	BN	0.0	0.0	0.0	0.2
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.4	0.0	0.4
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	-0.6	0.0	-0.6
6	BN	0.0	0.0	0.0	0.0
6	D	-0.2	-0.2	0.2	-0.2
6	C	-0.3	-0.8	-0.8	-3.1
6	All	-0.1	-0.2	-0.1	-0.6
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	-0.2	-0.2	-0.2	-0.2
7	C	0.0	-0.3	-0.3	0.0
7	All	0.0	-0.1	-0.1	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	1.6	2.2	1.6	2.4
8	All	0.2	0.3	0.2	0.4
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.0	0.0	0.0	0.0
9	D	-0.4	-0.2	-0.4	-0.2
9	C	0.6	1.9	1.4	2.8
9	All	0.0	0.2	0.1	0.4
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.8
10	All	0.0	0.0	0.0	0.1
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

Table 11D-305. Difference in Percent of Total Days outside Water Temperature Indicator Range, American Shad, Larvae, Fry, and Juvenile Rearing and Emigration, Sacramento River at Butte City, 63–77°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
1	W	0.0	0.0	0.0	0.0
1	AN	0.0	0.0	0.0	0.0
1	BN	0.0	0.0	0.0	0.0
1	D	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0
1	All	0.0	0.0	0.0	0.0
2	W	0.0	0.0	0.0	0.0
2	AN	0.0	0.0	0.0	0.0
2	BN	0.0	0.0	0.0	0.0
2	D	0.0	0.0	0.0	0.0
2	C	0.0	0.0	0.0	0.0
2	All	0.0	0.0	0.0	0.0
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	-8.3 [^]	0.0	0.0	0.0
4	All	-1.2	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	9.1*
5	BN	0.0	-7.1^	0.0	-7.1^
5	D	5.6*	0.0	5.6*	-11.1^
5	C	0.0	0.0	0.0	-8.3^
5	All	1.2	-1.2	1.2	-3.7
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	-7.1^
6	D	0.0	-5.6^	0.0	-5.6^
6	C	0.0	0.0	0.0	0.0
6	All	0.0	-1.2	0.0	-2.5
7	W	0.0	-3.8	0.0	0.0
7	AN	-9.1^	0.0	-9.1^	-18.2^
7	BN	-14.3^	-7.1^	-14.3^	-21.4^
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	-3.7	-2.5	-3.7	-6.2^
8	W	0.0	0.0	0.0	0.0
8	AN	-9.1^	-9.1^	-9.1^	-18.2^
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	-1.2	-1.2	-1.2	-2.5
9	W	0.0	0.0	0.0	-3.8
9	AN	0.0	0.0	0.0	9.1*

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	-7.1 [^]	0.0	-7.1 [^]	-7.1 [^]
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	-1.2	0.0	-1.2	-1.2
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	8.3 [*]
10	All	0.0	0.0	0.0	1.2
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0
12	W	0.0	0.0	0.0	0.0
12	AN	0.0	0.0	0.0	0.0
12	BN	0.0	0.0	0.0	0.0
12	D	0.0	0.0	0.0	0.0
12	C	0.0	0.0	0.0	0.0
12	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

11D.2.10.2 Feather River**Table 11D-306. Difference in Percent of Total Months outside Water Temperature Indicator Range, American Shad, Spawning, Embryo Incubation, and Initial Rearing, Feather River below the Thermalito Afterbay Outlet, 60–70°F¹.**

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	8.3*
5	All	0.0	0.0	0.0	1.2
6	W	0.0	0.0	0.0	0.0
6	AN	-9.1^	-9.1^	-9.1^	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	5.6*	5.6*	5.6*	5.6*
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	1.2

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-307. Difference in Percent of Total Months outside Water Temperature Indicator Range, American Shad, Spawning, Embryo Incubation, and Initial Rearing, Mouth of the Feather River, 60–70°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0

Table 11D-308. Difference in Percent of Total Months outside Water Temperature Indicator Range, American Shad, Larvae, Fry, and Juvenile Rearing and Emigration, Feather River below the Thermalito Afterbay Outlet, 63–77°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	AN	0.0	0.0	0.0	0.0
7	BN	0.0	0.0	0.0	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	0.0	0.0	0.0	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	3.8	3.8	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	-7.1^	0.0	-7.1^	7.1*
9	D	0.0	-5.6^	-5.6^	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	-2.5	1.2
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	0.0	0.0	0.0	0.0
10	D	0.0	0.0	0.0	0.0
10	C	0.0	0.0	0.0	0.0
10	All	0.0	0.0	0.0	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-309. Difference in Percent of Total Months outside Water Temperature Indicator Range, American Shad, Larvae, Fry, and Juvenile Rearing and Emigration, Mouth of the Feather River, 63–77°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	0.0
7	BN	7.1*	7.1*	7.1*	0.0
7	D	0.0	0.0	0.0	0.0
7	C	0.0	0.0	0.0	0.0
7	All	1.2	1.2	1.2	0.0
8	W	0.0	0.0	0.0	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	0.0	0.0	0.0
8	C	0.0	0.0	0.0	0.0
8	All	0.0	0.0	0.0	0.0
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	0.0
9	BN	0.0	0.0	0.0	0.0
9	D	0.0	0.0	0.0	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
10	W	0.0	0.0	0.0	0.0
10	AN	0.0	0.0	0.0	0.0
10	BN	7.1*	7.1*	7.1*	0.0
10	D	5.6*	5.6*	5.6*	0.0
10	C	0.0	0.0	0.0	0.0
10	All	2.5	2.5	2.5	0.0
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

11D.2.10.3 American River

Table 11D-310. Difference in Percent of Total Days outside Water Temperature Indicator Range, American Shad, Spawning, Embryo Incubation, and Initial Rearing, American River at Watt Avenue, 60–70°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	-0.5	-0.5	-0.5	-0.5
4	D	0.0	-0.4	0.0	0.0
4	C	0.3	0.6	-2.2	-3.9
4	All	0.0	-0.1	-0.4	-0.7
5	W	0.1	0.1	0.1	0.1

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.0	0.0	0.0	0.0
5	BN	0.2	0.2	0.2	0.2
5	D	0.2	-1.8	0.2	-2.2
5	C	-0.5	-1.9	1.1	1.9
5	All	0.0	-0.6	0.3	-0.1
6	W	0.0	-0.1	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.2
6	D	0.9	0.9	0.9	-0.7
6	C	-0.8	-1.1	-2.8	-0.6
6	All	0.1	0.0	-0.2	-0.2

Table 11D-311. Difference in Percent of Total Days outside Water Temperature Indicator Range, American Shad, Spawning, Embryo Incubation, and Initial Rearing, Mouth of the American River, 60–70°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	-0.2	-0.2	-0.2	-0.2
4	D	0.0	0.0	0.0	1.9
4	C	-1.1	0.8	-4.7	-5.6^
4	All	-0.2	0.1	-0.7	-0.4
5	W	0.0	0.1	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.2	0.0	0.2	0.0
5	D	0.2	1.6	0.2	1.3
5	C	-0.8	-0.3	0.3	0.5

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	All	0.0	0.4	0.1	0.4
6	W	0.0	0.0	0.1	0.0
6	AN	0.0	0.6	0.0	0.6
6	BN	0.0	0.2	0.0	0.2
6	D	0.0	0.2	0.0	0.4
6	C	-0.6	-0.8	-0.3	-0.8
6	All	-0.1	0.0	0.0	0.1

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-312. Difference in Percent of Total Days outside Water Temperature Indicator Range, American Shad, Larvae, Fry, and Juvenile Rearing and Emigration, American River at Watt Avenue, 63–77°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.2	0.4	0.2	0.1
7	AN	0.5	-0.8	0.5	-0.8
7	BN	0.2	0.2	0.5	0.2
7	D	0.7	-0.4	0.7	-0.2
7	C	0.0	0.0	0.0	0.0
7	All	0.4	0.0	0.4	-0.1
8	W	0.0	0.1	0.4	0.2
8	AN	-1.3	-0.8	-1.6	-0.3
8	BN	0.0	0.0	0.0	-0.9
8	D	0.4	0.9	0.4	-0.4
8	C	0.0	0.0	0.0	0.0
8	All	-0.1	0.1	0.0	-0.2
9	W	0.3	0.5	0.3	0.3
9	AN	0.0	0.8	0.0	-1.1

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
9	BN	0.2	1.0	0.2	0.0
9	D	0.0	-0.6	0.0	-1.1
9	C	0.0	0.0	0.0	1.4
9	All	0.1	0.3	0.1	-0.1
10	W	-0.4	-0.4	-0.4	-0.9
10	AN	0.3	1.8	0.9	0.3
10	BN	0.2	0.2	-0.5	0.9
10	D	-0.4	-1.6	-0.2	0.7
10	C	-2.7	0.0	-0.8	3.8
10	All	-0.5	-0.2	-0.2	0.6
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0

Table 11D-313. Difference in Percent of Total Days outside Water Temperature Indicator Range, American Shad, Larvae, Fry, and Juvenile Rearing and Emigration, Mouth of the American River, 63–77°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
7	W	0.0	0.0	0.0	0.0
7	AN	0.0	0.0	0.0	-0.8
7	BN	0.0	0.0	0.0	0.0
7	D	0.4	0.0	0.4	0.0
7	C	-1.1	-0.8	-1.1	-2.2
7	All	-0.1	-0.1	-0.1	-0.4

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
8	W	-0.1	-0.1	-0.1	0.0
8	AN	0.0	0.0	0.0	0.0
8	BN	0.0	0.0	0.0	0.0
8	D	0.0	-0.4	0.0	0.4
8	C	0.3	-0.5	0.3	0.8
8	All	0.0	-0.2	0.0	0.2
9	W	0.0	0.0	0.0	0.0
9	AN	0.0	0.0	0.0	-0.6
9	BN	0.0	0.0	0.0	-0.5
9	D	0.2	0.2	0.2	0.0
9	C	0.0	0.0	0.0	0.0
9	All	0.0	0.0	0.0	-0.2
10	W	0.0	-0.1	0.0	0.0
10	AN	0.6	1.8	0.3	2.1
10	BN	0.0	0.2	-0.7	1.4
10	D	-0.2	-1.3	-0.2	0.0
10	C	0.5	0.8	1.6	2.7
10	All	0.1	0.1	0.1	0.9
11	W	0.0	0.0	0.0	0.0
11	AN	0.0	0.0	0.0	0.0
11	BN	0.0	0.0	0.0	0.0
11	D	0.0	0.0	0.0	0.0
11	C	0.0	0.0	0.0	0.0
11	All	0.0	0.0	0.0	0.0

11D.2.11.Black Bass**11D.2.11.1 Sacramento River****Table 11D-314. Difference in Percent of Total Days outside Water Temperature Indicator Range, Largemouth Bass, Spawning, Sacramento River below Keswick Dam, 54–75°F.**

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	-0.3	0.0	-0.3
4	AN	0.0	0.0	0.0	0.0
4	BN	-0.2	-0.2	-0.2	-1.4
4	D	-1.5	-1.3	-1.5	-0.7
4	C	0.0	0.0	0.0	0.0
4	All	-0.4	-0.4	-0.4	-0.5
5	W	0.0	0.5	0.0	0.5
5	AN	0.0	0.3	0.0	0.5
5	BN	-0.2	-0.7	0.0	0.2
5	D	2.2	0.9	2.2	0.5
5	C	0.8	0.5	0.0	-0.5
5	All	0.6	0.4	0.5	0.3
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	D	0.9	0.7	0.6	0.6
6	C	5.0	1.4	1.7	4.2
6	All	0.9	0.4	0.4	0.7

Table 11D-315. Difference in Percent of Total Days outside Water Temperature Indicator Range, Largemouth Bass, Spawning, Sacramento River below Red Bluff Diversion Dam, 54–75°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	-0.3	-0.3	-0.3	-0.3
3	BN	-0.2	-0.5	-0.2	-0.5
3	D	0.9	-0.2	1.1	1.8
3	C	-0.3	0.8	0.0	1.6
3	All	0.1	0.0	0.2	0.5
4	W	-0.3	-0.4	-0.3	-0.3
4	AN	0.6	0.6	0.3	0.6
4	BN	-0.2	0.0	-0.2	-0.2
4	D	0.4	-1.5	0.4	-0.9
4	C	-2.5	-3.3	-2.5	-0.3
4	All	-0.3	-0.9	-0.4	-0.3
5	W	0.0	0.0	0.0	0.0
5	AN	0.3	0.3	0.0	0.3
5	BN	0.0	-0.7	0.0	-0.9
5	D	0.0	-0.7	0.0	-1.4
5	C	0.0	0.5	-0.5	-0.5
5	All	0.0	-0.2	-0.1	-0.5

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	-0.2	0.0	-1.2
6	D	0.2	0.0	0.2	-1.1
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	-0.4

¹ The Red Bluff Diversion Dam, which was decommissioned in 2013, and the Red Bluff Pumping Plant are co-located, and the names may be used interchangeably when referring to geographic locations.

11D.2.11.2 Feather River

Table 11D-316. Difference in Percent of Total Months outside Water Temperature Indicator Range, Largemouth Bass, Spawning, Feather River below the Thermalito Afterbay Outlet, 54–75°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	-9.1 [^]	0.0	-9.1 [^]
3	BN	-7.1 [^]	-7.1 [^]	-7.1 [^]	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	-1.2	-2.5	-1.2	-1.2
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	-5.6 [^]	-5.6 [^]	0.0
4	C	0.0	0.0	0.0	0.0
4	All	0.0	-1.2	-1.2	0.0
5	W	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

Table 11D-317. Difference in Percent of Total Months outside Water Temperature Indicator Range, Largemouth Bass, Spawning, Mouth of the Feather River, 54–75°F¹.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.0	0.0	0.0	0.0
3	C	0.0	0.0	0.0	0.0
3	All	0.0	0.0	0.0	0.0
4	W	0.0	0.0	0.0	0.0
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.0	0.0	0.0
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	5.6*	5.6*	5.6*	5.6*
6	C	0.0	0.0	0.0	0.0
6	All	1.2	1.2	1.2	1.2

¹ Green cells with ^ after the value indicate >5% lower values under the alternative relative to the NAA; red cells with * after the value indicate >5% higher values under the alternative relative to the NAA.

11D.2.11.3 American River

Table 11D-318. Difference in Percent of Total Days outside Water Temperature Indicator Range, Largemouth Bass, Spawning, American River at Watt Avenue, 54–75°F.

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	W	0.0	0.0	0.0	0.0
3	AN	0.0	0.0	0.0	0.0
3	BN	0.0	0.0	0.0	0.0
3	D	0.4	-0.2	0.4	-0.9
3	C	-1.6	-2.2	-3.8	-1.9

Month	Water Year Type	Alt 1A vs. NAA	Alt 1B vs. NAA	Alt 2 vs. NAA	Alt 3 vs. NAA
3	All	-0.2	-0.4	-0.5	-0.5
4	W	0.0	0.0	0.0	-0.1
4	AN	0.0	0.0	0.0	0.0
4	BN	0.0	0.0	0.0	0.0
4	D	0.2	0.6	0.4	0.6
4	C	0.0	0.0	0.0	0.0
4	All	0.0	0.1	0.1	0.1
5	W	0.0	0.0	0.0	0.0
5	AN	0.0	0.0	0.0	0.0
5	BN	0.0	0.0	0.0	0.0
5	D	0.0	0.0	0.0	0.0
5	C	0.0	0.0	0.0	0.0
5	All	0.0	0.0	0.0	0.0
6	W	0.0	0.0	0.0	0.0
6	AN	0.0	0.0	0.0	0.0
6	BN	0.0	0.0	0.0	0.0
6	D	0.0	0.0	0.0	0.0
6	C	0.0	0.0	0.0	0.0
6	All	0.0	0.0	0.0	0.0