

5/3/2013

Temperature and Release Summary for Shasta and Trinity - April 2013

(Updated twice a week November through April)

Day	Sacramento River Water Temperatures in Degrees F Collected from CDEC (California Data Exchange Center)													Mean Daily Release in CFS			Mean Daily Air Temp Degrees F			
	TCD Wt. Avg.	SHD minus TCD (Diff)	Shd	Spp	Kwk	Control Point 3/1 to 4/30 Bsf	Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Mar	48.9		47.8	nd	48.4	50.9	51.1	52.0	52.8	48.8	49.4	47.3	4,042	95	4,521	56.1	54.9	56.8	47.9	
Apr																				
1	51.4	(1.5)	49.9	nd	50.8	53.4	54.1	54.4	55.6	51.8	51.8	48.7	5,522	80	5,634	57.5	56.7	57.0	52.7	
2	51.5	(1.4)	50.1	47.6	50.9	54.1	54.7	54.8	56.1	52.9	52.3	49.6	4,008	1,095	5,723	61.0	58.9	60.8	57.7	
3	51.7	(1.5)	50.2	48.3	50.9	54.2	55.4	55.7	57.1	52.5	52.0	49.6	4,867	80	5,790	60.0	59.4	60.9	56.0	
4	51.1	(1.6)	49.5	47.7	51.1	53.8	55.0	55.5	56.3	52.3	51.7	49.5	4,338	768	5,780	57.5	58.3	57.9	52.8	
5	50.9	(1.6)	49.3	48.4	50.9	53.2	54.0	54.2	55.4	51.1	51.8	50.4	4,688	80	5,793	57.0	56.2	58.6	50.8	
6	50.2	(1.1)	49.1	48.3	50.5	54.4	55.2	55.2	56.0	52.4	51.6	50.1	4,692	80	5,791	60.0	59.7	60.0	53.7	
7	49.8	(1.2)	48.6	48.2	50.3	54.3	55.2	55.4	56.7	52.0	51.5	49.8	4,593	80	5,782	59.0	59.1	59.5	50.9	
8	51.8	(1.7)	50.1	48.3	50.2	53.4	54.2	54.5	55.7	51.8	51.4	48.9	5,301	81	5,794	55.5	55.0	56.0	46.2	
9	52.0	(1.5)	50.5	48.6	50.0	52.9	53.7	53.9	55.3	52.4	51.1	49.4	5,489	80	5,795	61.5	57.5	60.0	49.8	
10	52.2	(1.9)	50.3	48.5	51.3	54.0	54.9	55.0	56.3	51.8	52.4	50.0	5,217	80	5,790	66.0	65.1	68.2	55.7	
11	52.5	(1.6)	50.9	48.7	52.0	54.7	55.7	56.0	57.2	50.9	53.3	50.0	4,744	80	5,794	66.5	65.6	66.5	53.1	
12	52.9	(1.8)	51.1	48.7	52.0	55.0	55.9	56.2	57.6	50.9	53.6	49.8	5,063	80	5,745	69.0	63.1	65.8	54.0	
13	52.2	(1.5)	50.7	48.8	52.7	55.4	56.5	56.7	58.0	50.7	54.1	50.1	4,593	80	5,389	61.0	61.0	64.9	54.2	
14	52.6	(1.7)	50.9	48.9	52.6	55.3	56.2	56.5	57.5	49.2	53.8	50.6	4,441	80	5,494	60.0	58.3	60.2	47.1	
15	52.9	(2.0)	50.9	48.9	52.2	54.5	55.3	55.5	56.5	48.6	53.0	49.9	4,760	80	5,539	53.5	51.0	54.0	41.5	
16	52.9	(2.4)	50.5	48.9	52.1	53.5	54.1	54.4	55.4	49.4	53.0	49.8	4,718	80	5,526	55.0	51.5	54.2	42.4	
17	52.9	(2.6)	50.3	48.9	52.2	54.0	54.7	54.7	55.4	49.7	53.4	50.0	5,704	80	5,522	53.5	53.2	55.6	46.0	
18	53.1	(53.1)	nr	49.1	52.5	55.0	55.7	55.9	56.6	50.0	53.8	50.4	4,795	83	5,826	61.5	60.1	62.1	52.1	
19	53.1	(53.1)	nr	49.2	52.8	55.9	56.7	57.0	58.0	50.0	54.4	50.9	6,667	89	6,244	64.5	62.4	63.9	55.5	
20	53.6	(2.3)	51.3	49.3	52.9	56.1	57.1	57.4	58.6	50.2	54.4	51.1	6,004	80	6,600	69.5	66.0	68.0	54.9	
21	53.7	(1.9)	51.8	49.3	53.1	56.4	57.4	57.7	59.1	48.8	54.6	51.5	6,377	80	6,617	73.0	68.2	70.5	58.0	
22	53.0	(1.6)	51.4	49.4	53.5	56.7	57.9	58.2	59.6	48.6	54.9	51.7	7,254	80	7,043	74.0	71.5	72.8	60.1	
23	53.0	(2.2)	50.8	49.5	53.1	56.1	57.0	57.3	58.9	48.8	54.6	51.4	7,000	87	8,044	72.0	69.8	70.5	61.3	
24	53.0	(1.8)	51.2	49.6	52.4	55.5	56.5	56.9	59.0	48.6	53.8	51.4	8,691	81	8,771	72.0	69.9	71.9	58.2	
25	52.9	(1.8)	51.1	49.7	52.4	55.0	56.0	56.2	58.2	48.6	53.6	51.5	9,066	80	9,985	62.0	60.5	62.7	58.3	
26	53.0	(1.4)	51.6	49.7	52.5	55.2	56.3	56.5	58.3	48.7	53.6	52.0	11,226	80	10,469	67.0	64.7	65.0	63.0	
27	52.9	(1.4)	51.5	49.7	52.5	55.5	56.6	56.9	58.9	48.9	53.9	52.2	9,651	80	10,524	71.5	68.3	68.8	63.9	
28	53.6	(1.4)	52.2	49.8	52.5	55.3	56.5	56.9	59.1	48.2	53.7	52.2	10,500	81	10,564	73.0	71.6	74.1	62.2	
29	52.6	(1.2)	51.4	49.9	53.1	55.6	56.7	57.0	59.0	48.5	54.1	52.1	10,170	80	10,548	74.5	73.9	75.8	60.3	
30	52.0	(1.2)	50.8	49.9	52.2	55.5	56.4	56.7	58.0	48.5	53.8	51.8	10,893	81	10,567	68.0	68.5	70.5	57.2	
		0.0																		
Avg	52.4		50.6	49.0	51.9	54.8	55.7	56.0	57.3	50.2	53.2	50.5	6,368	138	6,949	63.9	62.2	63.9	54.3	
Tot cfs													191,032	4,126	208,483					
Tot af													378,912	8,184	413,526					

= Station out of service ^ - estimated (7 hours or less available) ? = Avg. includes estimated data
 ! = 17 hours or less of readings & = 18 to 23 hours of reading ND = No hourly readings or incorrect

Control Point: Balls Ferry 3/1/2013 to 4/30/2013.

Note: On 4/1/2013 equipment at the temperature point for the Spring Creek Power Plant (SPP), was replaced.