

7/10/2013

Temperature and Release Summary for Shasta and Trinity - June 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 6/30 Bsf	Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
May	52.3		50.9	50.4	52.1	54.7	55.7	55.9	57.8	47.9	53.2	52.5	10,640	694	11,672	69.6	67.7	68.7	60.0	
Jun																				
1	52.8	(1.6)	51.2	51.9	52.8	55.53	56.8	57.0	59.3	48.4	53.9	54.7	9,222	2,338	11,686	86.0	81.5	82.8	67.1	
2	52.6	(1.4)	51.2	51.9	53.0	55.98	57.4	57.6	59.9	48.5	54.2	54.8	8,569	2,650	11,693	84.5	78.4	79.3	68.4	
3	52.6	(1.4)	51.2	52.2	53.1	56.12	57.5	57.8	60.3	48.6	54.2	54.7	9,108	2,287	11,681	85.5	83.0	84.5	69.1	
4	52.7	(1.7)	51.0	52.2	53.0	55.85	57.3	57.6	60.5	48.5	53.8	54.7	8,512	2,702	11,686	82.5	76.8	75.4	71.7	
5	53.3	(1.9)	51.4	52.4	53.1	56.19	57.7	58.0	60.8	48.8	54.1	55.1	8,960	2,503	11,678	79.5	76.3	73.2	74.7	
6	51.5	(1.3)	50.2	52.6	53.4	56.21	57.6	57.9	60.5	48.8	54.3	55.1	9,814	2,383	13,214	84.0	80.9	78.7	73.9	
7	51.7	(1.3)	50.4	52.6	52.1	55.72	57.2	57.6	60.3	49.0	53.3	55.6	11,138	2,276	13,507	88.0	84.7	87.0	73.9	
8	51.7	(1.3)	50.4	52.6	52.2	55.47	56.9	57.2	59.9	49.2	53.3	55.9	11,152	2,098	13,500	97.5	92.2	95.7	78.2	
9	51.6	(1.3)	50.3	52.7	52.4	55.23	56.6	56.9	59.9	49.3	53.2	56.0	10,335	2,641	13,492	86.5	79.8	80.6	77.0	
10	51.3	(1.0)	50.3	52.9	52.2	54.79	55.8	56.1	58.3	49.7	52.9	54.8	10,300	2,707	13,500	69.0	66.1	64.4	68.2	
11	51.6	(1.1)	50.5	53.1	51.9	54.55	55.6	55.9	57.9	49.9	52.7	55.4	10,461	2,824	13,487	74.5	71.3	70.0	67.5	
12	51.2	(1.0)	50.2	53.2	52.2	54.75	55.8	56.0	58.0	49.3	53.0	55.0	10,203	2,802	13,497	76.5	72.2	74.2	60.5	
13	51.5	(1.0)	50.5	53.2	51.9	54.58	55.6	55.9	57.9	49.3	52.7	54.9	10,476	2,793	13,491	74.5	73.7	73.8	60.5	
14	51.4	(0.9)	50.5	53.1	52.0	54.40	55.3	55.6	57.4	49.3	52.7	55.0	10,624	2,896	13,710	77.5	76.2	75.6	63.3	
15	50.5	(0.8)	49.7	53.1	52.0	54.56	55.6	55.8	57.7	49.0	52.8	55.1	10,813	2,709	13,719	74.5	71.9	72.8	65.6	
16	50.7	(0.8)	49.9	53.3	51.2	53.87	54.9	55.4	57.9	48.9	52.0	55.3	10,496	2,391	13,737	74.5	74.2	76.2	66.8	
17	51.0	(0.8)	50.2	53.4	51.6	54.05	55.0	55.3	57.4	49.4	52.3	55.4	10,702	3,049	13,732	74.0	72.6	74.7	65.2	
18	50.8	(0.7)	50.1	53.5	51.8	54.17	55.2	55.5	57.6	49.7	52.5	55.2	11,020	2,929	13,738	70.5	67.3	67.3	59.6	
19	51.0	(0.7)	50.3	53.6	51.5	53.93	54.8	55.1	57.0	49.8	52.2	54.5	10,916	2,656	13,756	65.5	65.1	66.6	57.4	
20	51.4	(0.9)	50.5	53.5	51.7	53.95	54.9	55.1	57.0	49.7	52.4	55.1	10,621	2,247	13,759	71.0	69.4	71.4	59.6	
21	50.9	(0.8)	50.1	53.5	52.1	54.34	55.4	55.6	57.6	49.6	52.8	55.3	9,944	3,585	13,757	78.0	75.4	76.2	62.8	
22	50.4	(0.8)	49.6	53.5	52.0	54.62	55.7	56.0	58.1	49.9	52.9	55.6	9,548	3,596	13,740	80.5	77.6	78.8	66.6	
23	50.8	(0.9)	49.9	53.3	51.3	53.78	54.7	55.2	57.7	49.1	51.9	54.6	10,982	2,437	13,756	73.0	70.5	69.9	64.8	
24	50.8	(0.8)	50.0	53.4	51.3	53.26	53.9	54.2	56.3	48.3	51.6	54.5	9,774	3,370	13,753	64.5	64.4	64.4	55.7	
25	51.1	(0.8)	50.3	53.4	51.2	52.89	53.5	53.6	55.2	47.9	51.5	55.3	10,621	3,364	14,224	65.5	64.9	65.7	58.8	
26	51.3	(0.9)	50.4	53.4	51.3	53.97	54.9	55.1	56.8	48.4	51.8	56.3	11,746	2,286	14,221	75.5	74.6	73.9	66.0	
27	51.5	(0.9)	50.6	53.4	51.9	54.19	55.2	55.5	57.2	49.6	52.5	56.6	11,031	2,900	13,976	79.5	79.0	78.6	72.3	
28	51.4	(0.8)	50.6	53.4	52.2	54.98	56.2	56.6	58.6	50.4	53.1	57.3	11,356	2,755	13,955	88.0	84.8	87.4	75.2	
29	51.6	(0.8)	50.8	53.4	52.2	55.08	56.3	56.8	59.1	50.8	53.0	57.9	11,939	3,091	14,149	88.0	86.3	88.3	75.4	
30	51.9	(1.0)	50.9	53.4	52.3	54.98	56.1	56.6	58.9	51.2	53.1	58.9	11,635	3,048	14,164	89.5	85.8	87.0	76.8	
Avg Tot cfs Tot af	51.5		50.4	53.0	52.1	54.73	55.8	56.2	58.4	49.3	52.9	55.5	10,401 312,018 618,888	2,744 82,313 163,268	13,399 401,958 797,284	78.6	75.9	76.5	67.4	

# = 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 6/30/2013  
 Starting May 17, 2013 Balls Ferry temperature target of 56.75 is for compliance of 56.0 at Airport Road.