

8/7/2012

Temperature and Release Summary for Shasta and Trinity - July 2012

(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 4/16 to 5/31 Bsf	Control Point 6/1 to 7/31 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation El 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Jun	50.2		49.1	51.4	50.5	53.4	54.8	55.4	56.9	48.8	51.8	54.2	10,605	810	11,873	74.9	72.1	73.4	62.8	
Jul																				
1	50.0	(1.1)	48.9	53.3	50.5	53.5	55.2	55.9	57.8	49.4	51.9	57.4	12,614	1,086	14,082	81.5	79.0	76.6	70.5	
2	50.0	(1.1)	48.9	53.3	50.6	53.1	54.6	55.1	56.8	49.6	51.7	57.7	12,307	1,561	13,982	81.0	78.4	77.5	70.8	
3	50.0	(1.0)	49.0	53.6	50.5	53.1	54.5	55.0	56.8	49.7	51.7	57.6	12,663	1,206	14,259	78.5	78.1	79.6	68.4	
4	50.0	(1.0)	49.0	53.7	50.7	53.1	54.4	54.6	56.4	49.9	51.8	59.4	12,307	1,418	14,393	80.5	76.0	77.5	69.4	
5	50.1	(1.0)	49.1	54.0	50.6	53.2	54.5	54.7	56.6	49.9	51.8	59.9	12,591	1,592	14,280	78.0	74.5	74.5	68.7	
6	50.3	(1.0)	49.3	54.2	50.6	52.9	54.2	54.5	56.3	49.9	51.6	59.7	12,755	860	14,177	76.5	74.4	74.9	69.3	
7	50.1	(0.9)	49.2	54.2	50.9	53.1	54.3	54.5	56.1	49.8	51.9	59.5	12,915	1,430	14,283	81.5	77.7	78.5	71.4	
8	50.4	(1.0)	49.4	54.4	50.8	53.2	54.4	54.7	56.5	49.9	51.9	59.8	12,853	1,290	14,282	83.5	79.2	80.7	74.0	
9	50.4	(1.0)	49.4	54.5	51.1	53.3	54.5	54.7	56.4	49.8	52.1	59.8	12,546	1,600	14,314	81.0	77.2	77.7	73.0	
10	50.3	(0.9)	49.4	54.7	50.9	53.3	54.4	54.7	56.5	50.0	52.0	59.5	12,744	1,253	14,334	84.0	79.8	80.6	73.6	
11	50.3	(0.8)	49.5	54.7	50.9	53.3	54.3	54.8	56.4	50.0	52.0	59.7	12,830	1,180	14,045	85.0	80.7	82.3	77.0	
12	50.4	(0.9)	49.5	54.9	51.0	53.4	54.4	54.9	56.5	50.1	52.2	59.2	12,882	1,185	13,923	85.0	80.7	83.1	76.2	
13	50.5	(0.9)	49.6	55.0	51.1	53.5	54.5	55.1	56.9	50.3	52.2	57.3	12,809	1,238	13,917	83.5	79.3	79.2	74.2	
14	50.5	(0.9)	49.6	55.0	51.3	53.5	54.5	55.0	56.8	50.5	52.3	56.8	12,142	1,634	13,985	79.0	75.0	73.0	72.1	
15	50.7	(1.0)	49.7	55.2	51.3	53.6	54.6	55.0	56.8	50.5	52.4	57.0	12,353	1,611	14,139	82.0	77.8	77.8	73.0	
16	50.8	(0.9)	49.9	55.3	51.3	53.7	54.7	55.2	57.0	50.6	52.4	57.0	13,070	1,187	14,115	76.0	72.8	72.7	66.9	
17	51.0	(1.0)	50.0	55.5	51.2	53.0	53.9	54.4	56.2	50.0	52.1	55.6	12,860	1,230	14,126	66.5	66.0	63.8	59.0	
18	51.0	(0.9)	50.1	55.6	51.4	53.2	54.0	54.4	55.8	49.9	52.2	56.5	12,857	1,227	14,178	72.5	70.2	70.4	63.7	
19	51.0	(1.0)	50.0	55.6	51.6	53.8	54.7	55.1	56.5	49.8	52.6	56.9	12,404	1,269	14,174	74.5	71.4	72.8	64.8	
20	51.3	(1.0)	50.3	55.7	51.6	53.8	54.6	55.1	56.7	50.3	52.6	57.2	12,829	1,266	14,155	76.5	74.5	75.0	67.9	
21	51.3	(1.0)	50.3	55.7	51.9	54.1	55.0	55.4	56.9	50.8	52.9	57.8	12,952	1,237	14,177	84.5	79.2	81.0	71.5	
22	51.4	(1.1)	50.3	55.7	52.1	54.3	55.3	55.7	57.4	51.3	53.1	57.9	12,384	1,550	14,151	85.5	81.7	83.6	73.8	
23	51.0	(0.8)	50.2	55.9	52.2	54.5	55.5	56.0	57.8	51.6	53.3	58.1	12,442	1,553	14,202	86.0	81.6	81.5	73.8	
24	50.7	(0.7)	50.0	56.0	51.6	54.4	55.5	56.1	58.0	52.0	53.0	56.3	12,646	1,188	14,294	82.0	77.6	76.5	75.5	
25	50.9	(0.7)	50.2	56.0	51.4	53.5	54.5	55.0	57.0	52.7	52.4	55.4	12,924	1,213	14,286	78.0	74.5	75.8	70.7	
26	50.8	(0.8)	50.0	56.1	51.7	53.8	54.6	55.0	56.7	52.9	52.6	55.7	12,468	1,597	14,314	78.5	74.9	75.6	72.2	
27	51.0	(0.8)	50.2	56.1	51.6	53.8	54.7	55.2	56.9	52.7	52.6	56.3	12,516	1,605	14,317	78.5	74.8	74.6	72.2	
28	51.2	(0.8)	50.4	56.2	51.6	53.8	54.7	55.2	56.8	53.0	52.6	56.9	12,756	1,219	14,326	79.0	74.9	75.2	70.2	
29	51.4	(0.9)	50.5	56.2	51.8	53.9	54.8	55.2	56.8	53.0	52.8	57.4	13,081	1,204	14,267	80.0	75.6	75.3	72.0	
30	51.5	(0.9)	50.6	56.3	52.1	54.2	55.1	55.5	57.1	52.9	53.0	57.8	12,644	1,525	14,301	83.0	80.3	80.2	73.0	
31	51.6	(0.8)	50.8	56.4	52.1	54.3	55.2	55.7	57.4	53.0	53.1	57.9	12,836	1,250	14,270	84.0	79.9	80.2	73.5	
Avg Tot cfs Tot af	50.7		49.8	55.1	51.3	53.6	54.6	55.1	56.8	50.8	52.3	57.8	12,677 392,980 779,476	1,338 41,464 82,244	14,195 440,048 872,835	80.2	76.7	77.0	71.0	

= 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 4/16/2012 to 5/31/2012; Jellys Ferry 6/1/2012 to 7/31/2012.