

8/3/2011

Temperature and Release Summary for Shasta and Trinity - July 2011

(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	Bsf	Control Point 6/1 to 7/31 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Jun	49.7		49.4	53.5	50.2	53.6	55.2	55.6	56.9	48.1	51.0	56.0	10,359	1,406	12,255	72.2	70.2	71.1	ND
Jul																			
1	48.4	(0.7)	47.7	54.1	49.6	53.5	55.3	55.8	57.1	48.7	50.8	57.3	9,892	1,949	12,529	81.5	77.0	77.5	ND
2	48.5	(0.3)	48.2	54.7	49.6	53.4	55.3	55.8	57.2	48.8	50.8	57.5	10,694	1,970	12,387	81.0	78.9	79.0	ND
3	48.7	(0.5)	48.2	54.2	49.6	53.6	55.7	56.2	57.4	48.9	51.0	58.0	10,170	1,977	12,516	85.0	81.4	84.3	ND
4	48.7	0.5	49.2	55.1	49.8	53.6	55.5	56.0	57.5	49.1	51.1	57.9	10,727	1,961	12,588	82.5	80.9	81.8	ND
5	48.6	(0.7)	47.9	54.4	49.8	53.5	55.4	56.0	57.4	49.1	51.0	58.0	10,142	1,974	12,878	86.5	82.3	82.1	ND
6	48.8	0.1	48.9	55.1	49.8	53.4	55.0	55.9	57.4	49.1	51.0	58.3	10,327	1,963	13,000	84.0	80.9	81.8	ND
7	48.8	(0.6)	48.2	54.9	49.8	53.5	55.1	56.0	57.5	49.3	51.1	58.7	10,995	1,981	13,005	84.0	80.4	79.8	ND
8	48.8	(0.8)	48.0	54.2	49.9	53.6	55.1	56.0	57.5	49.4	51.2	58.7	10,759	1,998	12,995	85.5	81.7	81.2	ND
9	48.8	(0.8)	48.0	54.8	50.0	53.6	55.1	56.0	57.5	49.4	51.2	58.5	10,244	1,993	12,530	82.5	78.4	78.7	ND
10	48.9	(0.5)	48.4	55.2	49.9	53.6	55.0	56.0	57.5	49.2	51.2	58.3	10,187	1,998	12,512	80.5	76.9	75.8	ND
11	48.9	(0.8)	48.1	54.5	49.9	53.6	55.0	55.9	57.4	49.5	51.2	58.1	10,147	1,985	12,504	78.0	73.4	72.2	ND
12	49.0	(0.5)	48.5	56.2	49.8	53.6	54.8	55.8	57.3	49.5	51.3	58.0	9,676	1,975	12,336	75.0	72.4	71.5	ND
13	49.0	0.3	49.3	55.7	49.6	53.6	55.0	56.0	57.5	49.1	51.1	57.3	9,970	1,974	12,219	72.5	70.1	68.3	ND
14	49.1	(0.7)	48.4	56.0	49.8	53.4	54.6	55.5	56.9	49.4	51.2	57.5	9,659	1,971	12,308	73.0	71.2	69.5	ND
15	49.1	(1.0)	48.1	55.7	49.5	53.2	54.4	55.3	56.6	49.5	51.0	57.2	11,154	1,265	12,224	72.0	69.7	70.0	ND
16	49.3	(0.7)	48.6	56.2	49.6	53.3	54.6	55.5	56.9	49.4	51.1	57.4	10,961	1,125	12,187	72.5	70.3	68.2	ND
17	49.4	(0.2)	49.2	56.5	49.6	53.2	54.4	55.4	57.1	49.4	51.1	57.0	11,062	1,290	12,506	73.5	69.9	69.4	ND
18	49.5	(49.5)	ND	55.7	49.5	52.2	53.5	54.4	56.0	48.9	50.5	55.3	11,121	1,274	12,513	69.5	68.5	69.7	ND
19	49.6	(49.6)	ND	55.8	49.6	52.8	53.7	54.4	55.3	49.3	50.9	57.0	10,728	1,277	12,512	75.5	74.6	75.6	ND
20	49.8	(0.8)	49.0	55.9	50.0	53.6	54.7	55.5	56.5	49.2	51.5	57.7	10,374	1,294	11,967	81.5	75.9	77.2	ND
21	49.8	(0.8)	49.0	56.0	50.3	53.9	55.1	55.9	57.2	49.7	51.8	57.9	10,399	1,215	11,921	82.0	79.3	79.6	ND
22	49.8	(0.8)	49.0	57.2	50.3	54.0	55.3	56.2	57.5	50.3	51.9	58.1	10,328	1,243	11,777	84.0	80.7	81.2	ND
23	49.9	(0.9)	49.0	56.8	50.3	54.0	55.4	56.4	57.9	50.7	51.9	58.1	10,343	1,273	11,778	83.5	79.0	79.7	ND
24	50.0	(0.9)	49.1	56.7	50.3	54.0	55.3	56.2	57.8	50.6	51.9	57.8	10,631	1,229	11,842	81.0	76.8	76.5	ND
25	49.9	(0.8)	49.1	56.2	50.4	53.9	55.0	55.9	57.4	50.7	51.8	57.4	10,522	1,275	12,037	76.0	73.5	72.8	ND
26	49.9	(0.8)	49.1	55.9	50.3	53.8	55.0	55.8	57.1	50.7	51.8	57.5	10,323	1,224	12,086	79.0	76.6	75.9	ND
27	50.0	(0.8)	49.2	56.3	50.4	53.9	55.0	55.9	57.1	50.6	51.9	57.7	10,236	1,241	11,959	81.5	78.1	77.4	ND
28	50.1	(0.8)	49.3	56.4	50.5	54.0	55.2	56.1	57.4	50.5	52.0	58.0	10,160	1,273	11,964	85.5	81.5	80.9	ND
29	50.2	(0.8)	49.4	56.4	50.6	54.1	55.3	56.2	57.6	50.6	52.0	58.0	10,444	1,275	11,950	86.0	82.2	80.9	ND
30	50.3	(0.9)	49.4	58.2	50.6	54.2	55.5	56.4	57.8	50.7	52.2	58.4	10,480	1,250	12,000	85.0	80.7	78.4	ND
31	50.3	(0.8)	49.5	59.5	50.6	54.3	55.6	56.5	58.0	50.9	52.2	58.4	10,670	1,056	11,959	83.5	78.5	77.9	ND
Avg	49.4		48.7	55.8	50.0	53.6	55.0	55.8	57.2	49.7	51.4	57.8	10,436	1,573	12,306	80.1	76.8	76.6	#DIV/0!
Tot cfs													323,525	48,748	381,489				
Tot af													641,712	96,692	756,683				

= 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 3/1/2011 to 5/31/2011; Jelly's Ferry 6/1/2011 to 7/31/2011.

- NOTES: 1. Many hourly readings for SPP are questionable.
 2. On 7/19/2011 the probe for SHD was extended farther out into the river so that at low flows it should no longer be exposed to the air.