

4/9/2013

Temperature and Release Summary for Shasta and Trinity - March 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 3/31 Bsf	Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Feb	48.4		47.3	nd	47.7	48.2	48.1	48.3	48.7	44.0	48.2	44.5	3,644	106	4,114	49.4	47.8	49.8	39.1	
Mar																				
1	47.8	(0.8)	47.0	nd	48.0	50.0	50.2	50.9	51.7	47.0	49.2	46.5	3,723	80	3,676	57.5	54.1	57.5	50.1	
2	47.7	(0.7)	47.0	nd	47.9	50.0	50.4	51.1	51.8	46.5	48.7	46.2	3,316	80	3,882	55.0	53.1	56.4	45.9	
3	47.6	(0.7)	46.9	nd	47.9	50.5	50.8	51.4	52.0	47.4	49.2	47.0	3,276	80	3,904	58.0	57.2	58.2	50.4	
4	47.6	(0.7)	46.9	nd	47.8	50.7	51.2	52.0	52.8	47.0	49.0	46.6	3,437	80	3,872	54.0	53.7	55.4	46.3	
5	47.4	(0.7)	46.7	nd	47.8	50.3	50.8	51.6	52.5	46.3	48.6	46.2	3,744	80	3,890	52.0	52.8	52.8	41.6	
6	47.2	(0.7)	46.5	nd	47.7	49.0	49.0	49.8	50.7	46.5	48.4	46.5	3,427	80	3,877	46.5	49.8	50.0	40.6	
7	47.7	(0.9)	46.8	nd	47.5	49.0	48.8	49.2	49.7	46.5	48.4	45.9	3,498	214	3,871	46.5	44.9	46.3	39.8	
8	48.1	(1.0)	47.1	nd	47.2	49.0	49.1	49.7	50.3	46.9	47.9	46.0	4,508	85	4,926	50.5	48.2	51.3	39.8	
9	47.9	(0.9)	47.0	nd	47.2	49.2	49.3	49.8	50.5	47.5	48.1	46.5	3,153	80	5,121	58.0	53.0	55.0	43.1	
10	48.2	(1.3)	46.9	nd	47.6	49.4	49.5	50.1	50.8	47.5	48.4	46.6	4,649	80	5,142	56.5	54.2	56.3	44.5	
11	47.8	(1.2)	46.6	nd	47.8	50.3	50.5	51.1	51.6	48.0	48.9	47.1	4,895	80	5,115	59.0	57.3	57.7	48.7	
12	47.7	(0.9)	46.8	nd	47.8	50.7	51.2	51.9	52.8	48.5	48.9	47.4	4,214	80	5,013	57.5	56.4	58.7	50.7	
13	48.2	(1.2)	47.0	nd	47.9	50.8	51.4	52.1	53.2	48.9	49.0	47.6	4,466	80	5,099	61.0	57.8	60.5	52.9	
14	48.0	(0.9)	47.1	nd	47.7	50.7	51.4	52.0	53.1	48.8	48.7	47.5	4,440	80	5,118	60.5	57.2	59.9	51.3	
15	48.2	(1.1)	47.1	nd	47.9	50.6	51.4	51.8	52.9	49.0	49.0	47.9	4,460	80	5,036	62.5	58.8	61.9	51.5	
16	48.0	(1.5)	46.5	nd	47.9	51.2	52.2	52.4	53.3	49.1	49.3	47.9	4,802	80	4,912	62.5	57.9	61.5	50.6	
17	48.0	(1.1)	46.9	nd	47.8	50.9	51.9	52.3	53.3	49.0	49.1	47.4	3,804	80	4,778	54.0	53.2	57.0	48.7	
18	47.8	(1.4)	46.4	nd	47.9	50.4	51.3	51.6	52.7	49.2	48.8	47.2	4,248	80	4,601	55.0	53.4	56.2	47.2	
19	48.8	(1.3)	47.5	nd	47.7	50.5	51.4	51.7	52.5	49.5	48.5	47.4	4,934	80	4,562	56.5	55.8	58.0	49.0	
20	48.6	(1.3)	47.3	nd	47.5	50.1	51.0	51.4	52.1	50.2	48.3	47.5	3,750	392	4,450	51.5	55.5	55.6	50.0	
21	49.8	(1.2)	48.6	nd	48.1	49.8	50.4	50.5	51.7	49.4	48.5	47.2	3,554	80	4,257	51.5	50.7	53.4	42.0	
22	50.5	(1.5)	49.0	nd	48.2	50.0	50.5	50.6	51.2	49.0	49.0	46.9	3,219	80	4,043	51.5	50.4	51.1	41.2	
23	50.5	(1.1)	49.4	nd	48.8	50.1	50.7	50.9	51.5	49.1	49.3	47.2	3,476	80	4,035	57.5	54.8	55.4	44.5	
24	50.3	(1.5)	48.8	nd	49.6	51.4	52.1	52.2	52.7	49.9	50.4	47.8	2,942	80	4,037	55.5	54.8	56.8	50.2	
25	50.5	(1.3)	49.2	nd	50.0	52.0	52.8	53.0	53.7	49.9	51.0	48.1	3,602	80	4,047	55.0	54.0	56.5	48.5	
26	50.7	(1.5)	49.2	nd	50.3	53.2	54.2	54.3	54.9	50.5	51.6	48.2	3,568	80	3,867	56.0	57.0	58.0	50.2	
27	50.4	(0.7)	49.7	nd	50.4	54.0	55.0	55.5	56.5	51.3	51.7	48.3	3,776	80	3,760	60.5	59.0	60.1	53.2	
28	50.6	(1.1)	49.5	nd	50.1	53.6	54.9	55.4	56.5	51.1	51.2	48.2	4,474	80	3,985	59.0	59.0	58.7	51.8	
29	50.9	(1.1)	49.8	nd	50.2	53.2	54.2	54.6	56.2	51.6	51.6	49.0	5,782	84	5,675	61.0	59.8	61.0	56.0	
30	51.2	(1.0)	50.2	nd	50.5	53.2	54.4	54.8	56.1	51.0	51.4	48.7	5,147	80	5,806	62.0	60.6	63.4	54.2	
31	51.4	(1.1)	50.3	nd	50.9	53.7	54.5	54.8	56.1	51.4	51.7	49.2	5,008	80	5,806	55.5	57.4	58.7	51.7	
Avg	48.9		47.8	#####	48.4	50.9	51.5	52.0	52.8	48.8	49.4	47.3	4,042	95	4,521	56.1	54.9	56.8	47.9	
Tot cfs													125,292	2,935	140,163					
Tot af													248,517	5,822	278,013					

= 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

Daylight Savings Time begins 3-10-2013

Control Point: Balls Ferry 4/16/2012 to 5/31/2012; Jellys Ferry 6/1/2012 to 9/30/2012; Balls Ferry 10/01/2012 to 3/31/2013.

Note: On 12/7/2012 at the temperature point for the Spring Creek Power Plant (SPP), the bottom section of metal pipe was torn off the wall. Sonde missing and cable severely damaged.