

Temperature and Release Summary for Shasta and Trinity - October 2010

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 5/25 to 10/31 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Sep Avg	50.2		49.2	59.2	51.5	54.2	55.2	55.8	57.4	51.3	52.5		6,442	963	7,410	73.5	68.4	71.0	ND
Oct																			
1	50.5	(1.2)	? 49.3	58.1	51.8	54.6	55.8	55.9	57.8	50.4	53.3	ND	5,121	1,456	6,398	78.0	70.6	72.4	ND
2	50.6	(1.3)	? 49.3	58.0	52.1	54.6	55.7	55.6	57.6	50.3	53.3	ND	4,880	1,404	6,375	74.5	68.5	72.4	63.6
3	50.4	(1.1)	? 49.3	ND	52.1	54.7	55.6	55.5	57.1	50.3	53.2	ND	4,748	1,505	6,410	70.5	66.5	67.9	63.1
4	50.5	(1.1)	? 49.4	ND	52.0	53.8	54.5	54.5	56.2	50.2	52.7	ND	5,303	1,096	6,535	59.5	56.0	59.2	59.2
5	50.4	(0.9)	? 49.5	57.5	52.2	53.8	54.5	54.2	55.3	50.0	53.2	57.5	4,375	1,675	6,502	70.0	66.3	69.5	53.3
6	50.3	(0.9)	? 49.4	57.4	51.9	54.8	55.7	55.6	57.0	50.1	53.3	58.0	4,459	1,611	6,534	66.5	63.4	64.0	57.5
7	50.3	(0.8)	? 49.5	57.3	52.0	54.6	55.6	55.5	57.2	50.5	53.1	57.6	4,239	1,548	6,279	67.0	62.1	63.2	55.2
8	50.4	(0.8)	? 49.6	57.3	52.0	54.3	55.1	55.0	56.7	50.1	53.2	57.1	4,451	1,229	6,101	64.0	60.0	61.5	55.0
9	50.6	(1.1)	? 49.5	57.2	52.2	54.5	55.5	55.3	56.8	50.2	53.4	57.4	4,023	1,575	5,981	70.5	64.3	67.4	61.1
10	50.6	(0.7)	? 49.9	57.2	52.5	55.2	56.2	56.1	57.7	50.1	54.0	58.0	3,908	1,647	6,027	75.5	69.7	71.2	61.7
11	50.5	(0.9)	? 49.6	57.0	? 53.0	55.4	56.4	56.4	58.0	50.2	54.1	57.5	4,180	1,656	6,061	76.0	71.9	75.1	58.3
12	50.4	(0.6)	? 49.8	56.9	52.9	55.1	55.8	55.6	57.2	49.9	54.1	56.9	4,283	1,598	5,953	75.5	65.1	71.5	53.8
13	50.6	(1.5)	? 49.1	56.8	52.3	55.0	55.6	55.5	57.1	49.7	53.9	56.7	4,426	1,623	6,050	72.5	63.8	69.4	56.2
14	50.9	(0.9)	? 50.0	57.1	51.9	54.7	55.3	55.1	56.8	49.6	53.4	56.5	4,426	1,183	5,955	70.0	63.7	68.7	58.0
15	51.0	(1.0)	? 50.0	57.2	51.8	54.4	55.2	55.1	56.5	49.5	53.2	56.8	4,567	1,182	5,949	71.5	65.5	69.4	59.0
16	51.0	(1.1)	? 49.9	57.2	51.8	54.2	55.0	54.8	56.2	49.5	53.1	56.7	4,169	1,162	5,952	67.0	62.1	64.0	56.0
17	51.0	(1.3)	? 49.7	56.2	51.8	53.8	54.0	53.7	55.0	49.3	52.5	56.0	4,432	1,245	6,030	59.0	54.9	55.7	52.8
18	50.8	(1.4)	? 49.4	56.3	51.7	53.7	54.4	54.0	55.5	49.3	53.1	56.5	4,533	1,219	6,061	68.5	63.8	65.9	56.0
19	50.7	(1.0)	? 49.7	56.1	51.5	54.0	54.7	54.5	56.1	49.0	52.9	56.1	4,474	1,190	6,096	68.5	62.2	65.3	53.2
20	50.6	(1.1)	? 49.5	56.2	51.5	53.8	54.4	54.2	55.8	49.3	52.7	56.0	4,408	1,660	6,013	62.0	58.6	61.3	53.4
21	50.7	(1.0)	? 49.7	56.1	51.7	53.7	54.4	54.0	55.3	49.3	52.7	56.1	4,176	1,741	6,025	59.5	57.0	58.2	53.6
22	50.5	(0.8)	? 49.7	56.2	51.6	53.8	54.4	54.3	55.4	49.3	52.6	55.8	4,253	1,227	5,884	59.0	57.8	58.8	52.3
23	50.4	(0.7)	? 49.7	55.9	51.2	53.3	53.6	53.4	54.6	49.1	52.1	55.1	4,357	1,216	5,963	54.5	54.1	54.8	47.3
24	50.6	(0.5)	? 50.1	56.4	51.0	53.7	54.2	53.5	54.2	50.0	52.5	55.6	4,194	1,365	5,837	55.0	58.1	57.8	48.4
25	50.8	(1.0)	? 49.8	56.3	51.1	53.8	54.3	54.0	55.2	49.1	51.9	54.6	4,284	1,305	5,917	52.5	51.1	53.2	45.8
26	50.5	(0.8)	? 49.7	56.4	51.2	52.8	53.0	52.6	53.8	49.0	52.0	54.2	3,901	1,553	5,972	52.0	48.8	52.1	44.2
27	50.8	(2.0)	? 48.8	55.9	51.3	52.1	52.0	51.7	52.4	48.8	51.5	53.7	3,550	1,444	6,008	48.5	45.3	49.0	39.6
28	50.7	(1.6)	? 49.1	54.0	51.2	52.3	52.3	52.3	51.8	48.6	51.7	54.3	4,182	1,444	6,058	51.0	50.5	51.4	42.0
29	50.9	(0.7)	? 50.2	55.7	51.1	52.5	52.8	52.7	52.6	49.1	51.9	55.0	4,259	1,441	6,080	56.5	54.1	54.6	48.8
30	50.7	(0.5)	? 50.2	55.0	51.2	52.7	53.0	53.1	53.2	48.5	51.7	54.9	3,818	1,443	6,015	55.0	54.9	55.7	47.8
31	51.0	0.4	? 51.4	55.8	51.4	52.9	53.6	53.6	53.6	48.3	52.3	55.1	4,303	1,699	5,974	57.0	58.2	59.0	50.5
Avg	50.6		49.7	56.6	51.8	54.0	54.6	54.4	55.7	49.6	52.9	56.1	4,345	1,430	6,097	64.1	60.3	62.6	53.6
Tot cfs													134,682	44,342	188,995				
Tot af													267,142	87,952	374,872				

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

Control Point: Jellys Ferry 5/25/2010 to 10/31/2010.