

11/8/2013

Temperature and Release Summary for Shasta and Trinity - October 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 10/31 Bsf	Jlf	Bnd	Rdb	Lws	Ccr	Igo	Nfh	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Sep	52.4		51.5	54.8	52.8	55.69	56.7	57.2	58.6	50.8	54.2	56.3	53.6	6,030	900	6,932	72.6	68.8	70.2	63.6
Oct																				
1	53.6	0.2	53.8	55.2	53.9	55.92	56.7	57.2	58.4	50.3	55.0	55.5	55.3	5,649	638	6,250	68.0	62.9	65.7	52.0
2	53.4	(0.3)	53.1	55.2	53.9	56.00	56.7	57.0	57.8	50.4	55.0	55.3	54.6	5,514	794	6,244	66.5	63.6	66.5	51.5
3	53.6	(0.4)	53.2	55.2	53.6	55.48	55.8	56.1	56.8	50.2	54.6	54.8	53.5	5,223	798	6,251	62.0	60.6	62.6	48.3
4	54.0	(0.2)	53.8	55.2	53.5	55.15	55.4	55.6	56.2	50.3	54.5	54.8	52.5	5,533	728	6,252	69.0	65.3	66.0	50.6
5	54.2	0.0	54.2	55.1	53.6	55.07	55.6	55.7	56.3	50.4	54.5	54.8	52.7	5,227	722	6,247	64.5	58.4	63.2	53.2
6	54.4	(0.2)	54.2	55.1	54.0	55.28	55.8	55.9	56.5	49.9	54.9	54.6	52.9	5,255	665	6,239	63.0	57.5	61.0	53.4
7	54.5	(0.2)	54.3	55.1	54.0	55.47	55.8	56.0	56.6	49.3	54.7	54.4	52.3	5,505	641	6,239	63.0	58.2	63.1	50.2
8	54.8	0.0	54.8	55.1	54.1	55.30	55.5	55.7	56.1	49.4	54.8	54.8	52.3	5,572	799	6,219	67.5	64.3	66.0	50.2
9	53.9	0.4	54.3	55.0	54.2	55.18	55.4	55.5	55.8	49.1	55.0	54.6	52.3	6,048	380	6,149	64.5	63.6	64.4	48.5
10	53.6	0.2	53.8	54.9	54.1	55.59	56.0	56.1	56.4	49.7	55.2	54.7	51.9	5,630	738	6,169	61.0	59.3	60.2	51.8
11	54.0	0.3	54.3	54.9	53.6	55.50	55.8	56.0	56.8	49.3	54.5	54.4	51.9	5,380	721	6,154	58.5	55.2	58.6	50.2
12	53.9	0.2	54.1	54.8	53.7	55.16	55.4	55.6	56.3	49.3	54.5	54.3	52.0	5,869	750	6,088	59.5	54.8	59.0	48.8
13	54.1	0.1	54.2	54.7	53.8	55.29	55.5	55.7	56.2	49.2	54.6	54.2	52.2	5,370	768	6,168	64.0	59.7	61.5	48.6
14	55.1	(0.1)	55.0	54.8	53.8	55.23	55.4	55.5	56.1	49.0	54.7	54.1	51.5	5,483	750	6,140	68.5	59.6	62.8	48.5
15	55.2	0.2	55.4	54.7	54.1	55.30	55.5	55.6	56.1	48.7	54.8	54.0	50.6	5,659	660	6,111	65.0	63.4	62.7	49.2
16	55.0	0.1	55.1	54.6	54.3	55.13	55.2	55.2	55.8	48.6	54.9	53.8	50.4	5,747	725	6,111	58.0	53.6	59.2	48.7
17	55.0	0.4	55.4	54.7	54.5	55.30	55.5	55.5	55.8	48.6	55.3	53.9	50.6	5,431	692	6,135	63.0	55.9	61.3	49.3
18	55.2	(0.2)	55.0	54.5	54.7	55.67	56.0	56.1	56.5	48.5	55.6	54.1	51.0	5,611	736	6,112	64.0	58.4	62.1	51.0
19	55.5	(0.2)	55.3	54.4	54.5	55.82	56.1	56.2	56.8	48.5	55.4	53.8	51.2	5,208	939	6,117	64.0	57.8	61.8	51.9
20	55.7	0.0	55.7	54.3	54.8	55.81	56.0	56.1	56.7	48.5	55.5	53.9	51.5	4,947	1,017	6,104	67.0	59.0	63.7	55.2
21	55.5	(0.2)	55.3	54.2	54.9	55.95	56.3	56.4	56.9	48.6	55.8	53.8	51.3	5,443	1,030	6,004	67.5	59.9	61.9	52.0
22	55.8	(0.2)	55.6	54.2	54.9	56.09	56.4	56.5	57.0	48.6	55.8	53.6	51.2	5,172	954	5,950	65.5	58.4	62.8	53.0
23	55.7	0.0	55.7	54.1	54.9	55.86	56.1	56.2	56.8	48.4	55.7	53.5	51.0	5,530	946	5,943	64.5	57.1	62.0	50.5
24	55.8	0.0	55.8	53.9	55.0	55.84	55.9	56.0	56.5	48.3	55.6	53.3	50.4	5,207	953	5,950	61.0	56.2	59.1	50.5
25	56.0	(0.2)	55.8	53.9	54.9	55.80	55.9	55.9	56.4	48.1	55.5	53.2	50.1	4,968	1,320	5,957	61.0	54.6	58.1	49.7
26	56.0	0.2	56.2	53.9	54.9	55.62	55.6	55.7	56.1	47.9	55.4	53.2	50.0	4,879	1,283	5,904	59.5	54.0	58.5	48.6
27	56.0	(0.4)	55.6	53.9	55.0	55.56	55.5	55.6	55.9	47.7	55.5	53.0	49.4	4,982	1,280	5,877	57.0	54.7	57.3	46.5
28	55.9	(0.1)	55.8	54.0	54.7	55.45	55.1	55.2	55.5	48.1	55.0	53.0	49.5	4,855	1,595	5,879	52.0	51.3	52.0	45.6
29	55.9	0.0	55.9	53.9	54.7	55.46	55.2	55.3	55.3	48.8	55.1	53.4	50.4	4,560	1,726	5,894	54.0	52.4	54.0	48.7
30	54.5	0.9	55.4	53.9	54.6	55.21	54.9	55.1	55.4	48.3	55.1	53.0	50.7	4,961	1,150	5,878	54.0	49.8	53.1	46.7
31	54.1	0.0	54.1	53.9	55.1	55.05	54.8	55.0	55.2	47.9	55.3	53.1	49.8	5,015	1,304	5,883	58.0	52.1	54.5	46.9
Avg	54.8		54.8	54.6	54.3	55.50	55.7	55.8	56.4	49.0	55.1	54.0	54.0	5,337	910	6,084	62.4	57.8	60.8	50.0
Tot cfs														165,433	28,202	188,618				
Tot af														328,136	55,939	374,124				

= 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 10/31/2013
 Starting May 17, 2013 Balls Ferry temperature target of 56.75 is for compliance of 56.0 at Airport Road.