

8/8/2013

Temperature and Release Summary for Shasta and Trinity - July 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 7/31 Bsf	Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Jun	51.5		50.4	53.0	52.1	54.73	55.8	56.2	58.4	49.3	52.9	55.5	10,401	2,744	13,399	78.6	75.9	76.5	67.4	
Jul																				
1	52.0	(1.0)	51.0	53.4	52.5	55.02	56.0	56.5	58.8	50.7	53.2	58.2	10,852	3,100	14,094	90.5	86.0	86.8	78.2	
2	52.2	(0.9)	51.3	53.4	52.6	55.30	56.5	57.0	59.4	51.0	53.5	55.9	11,118	3,147	13,934	95.5	88.2	89.7	81.0	
3	52.3	(1.0)	51.3	53.5	52.8	55.44	56.6	57.2	60.0	50.7	53.5	56.1	11,041	3,154	14,171	95.5	88.5	92.2	77.4	
4	52.4	(0.9)	51.5	53.5	52.8	55.45	56.5	57.0	59.4	51.3	53.7	56.6	11,049	2,645	14,221	96.5	92.1	95.5	79.4	
5	52.7	(0.9)	51.8	53.6	53.0	55.58	56.6	57.0	59.2	51.2	53.8	56.2	11,552	3,095	13,853	87.0	80.7	81.0	74.1	
6	52.8	(1.0)	51.8	53.6	53.2	55.64	56.7	57.2	59.5	51.3	53.9	55.8	11,103	3,152	13,949	81.5	78.2	76.8	73.6	
7	53.1	(0.8)	52.3	53.6	53.4	55.66	56.6	57.0	59.3	51.7	54.0	56.1	11,552	2,815	14,018	83.0	79.1	79.1	75.6	
8	53.2	(1.0)	52.2	53.7	53.5	55.80	56.7	57.1	59.2	51.6	54.2	55.8	11,340	3,146	14,068	83.0	77.5	78.2	74.3	
9	53.3	(0.9)	52.4	53.8	53.6	55.84	56.8	57.1	59.2	51.2	54.3	55.6	10,987	3,248	13,716	80.5	76.3	77.2	72.6	
10	53.5	(0.9)	52.6	53.8	53.8	56.05	57.0	57.4	59.7	51.2	54.4	56.1	10,750	3,150	13,591	83.5	79.4	81.5	73.8	
11	53.8	(0.9)	52.9	53.9	53.9	56.12	57.2	57.4	59.7	51.4	54.5	56.2	11,552	2,494	13,498	78.5	76.1	77.5	72.7	
12	54.0	(1.0)	53.0	53.8	54.1	56.15	57.2	57.3	59.5	51.5	54.7	56.0	10,239	3,134	14,250	77.0	74.9	74.8	70.3	
13	54.2	(1.0)	53.2	53.9	54.2	56.42	57.5	57.6	59.9	51.3	55.0	56.4	10,954	3,149	14,250	81.5	76.5	77.0	70.8	
14	54.4	(1.2)	53.2	54.0	54.5	56.58	57.7	57.8	60.1	51.2	55.1	56.7	10,777	3,035	14,250	82.5	77.6	79.4	73.3	
15	53.7	(0.9)	52.8	54.0	54.5	56.58	57.6	57.8	60.2	51.2	55.1	56.5	10,455	3,140	13,413	80.5	75.8	76.2	72.2	
16	53.6	(1.1)	52.5	54.1	54.1	56.68	57.6	57.9	60.1	51.2	54.9	56.6	10,515	3,146	13,728	77.5	72.5	70.5	70.0	
17	53.9	(1.2)	52.7	54.2	53.9	56.08	57.1	57.2	59.6	51.1	54.6	56.4	10,470	3,132	13,618	77.0	75.2	74.9	71.0	
18	53.9	(1.2)	52.7	54.2	54.1	56.26	57.3	57.5	59.6	50.8	54.9	56.5	10,558	3,222	13,586	81.5	77.6	78.0	72.5	
19	53.4	(1.4)	52.0	54.2	54.2	56.54	57.7	57.8	60.2	50.6	55.0	57.2	10,678	3,167	13,429	85.5	79.8	80.1	76.8	
20	53.4	(1.7)	51.7	54.2	53.8	56.55	57.8	58.0	60.6	50.8	54.8	57.7	10,941	2,794	13,634	90.0	84.1	82.4	79.8	
21	53.7	(1.1)	52.6	54.2	53.6	56.35	57.6	57.8	60.5	51.0	54.6	57.9	12,408	1,176	13,750	89.0	84.8	82.8	81.4	
22	53.6	(1.6)	52.0	54.2	54.0	56.47	57.6	57.9	60.4	51.7	54.9	57.8	10,841	3,133	13,592	86.0	82.1	81.7	80.2	
23	53.7	(1.6)	52.1	54.2	53.9	56.41	57.5	57.8	60.4	51.6	54.8	57.3	10,607	3,154	13,663	84.0	80.0	79.5	79.2	
24	52.9	(1.2)	51.7	54.3	53.9	56.30	57.4	57.6	60.1	51.5	54.7	57.6	10,807	3,139	13,603	86.5	82.7	81.1	80.0	
25	52.7	(1.5)	51.2	54.4	53.3	56.25	57.4	57.7	60.2	51.2	54.4	58.0	11,008	2,968	13,594	89.5	84.3	83.9	80.4	
26	53.0	(1.5)	51.5	54.4	53.4	56.06	57.2	57.5	60.3	51.2	54.2	58.8	10,738	3,161	13,605	90.0	84.3	83.1	80.4	
27	53.0	(1.6)	51.4	54.4	53.5	56.15	57.3	57.6	60.3	50.9	54.4	59.4	10,806	3,183	13,612	88.5	83.3	82.6	78.8	
28	52.7	(1.5)	51.2	54.5	53.7	56.29	57.5	57.7	60.3	50.8	54.6	59.0	9,670	3,020	13,070	84.5	81.2	79.7	75.5	
29	51.2	(1.2)	50.0	54.5	53.5	56.05	57.1	57.5	60.2	50.6	54.3	58.1	9,546	3,155	12,750	79.5	74.7	73.3	71.9	
30	51.8	(1.7)	50.1	54.5	52.2	55.42	56.3	56.6	59.4	50.4	53.4	57.6	9,580	3,098	12,823	78.5	73.2	74.0	71.2	
31	51.8	(1.5)	50.3	54.5	52.4	54.83	55.8	56.0	58.6	50.4	53.5	58.1	9,212	3,122	12,775	79.5	74.9	74.0	72.4	
Avg Tot cfs Tot af	53.1		51.9	54.0	53.5	56.01	57.1	57.4	59.8	51.1	54.4	57.0	10,765 333,706 661,906	3,012 93,374 185,207	13,681 424,108 841,218	84.6	80.1	80.1	75.5	

= 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 7/31/2013
 Starting May 17, 2013 Balls Ferry temperature target of 56.75 is for compliance of 56.0 at Airport Road.