

6/5/2013

Temperature and Release Summary for Shasta and Trinity - May 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 5/31 Bsf	Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Apr	52.4		50.6	49.0	51.9	54.8	55.7	56.0	57.3	50.2	53.2	50.5	6,328	138	6,946	63.9	62.2	63.9	54.3	
May																				
1	52.2	(1.2)	51.0	50.0	51.8	53.7	54.5	54.9	56.7	48.4	52.6	51.5	10,745	80	10,555	72.0	70.3	70.1	58.1	
2	51.9	(1.6)	50.3	50.0	51.8	54.4	55.2	55.5	56.9	48.4	53.1	51.8	10,681	80	10,566	73.5	66.1	69.9	61.7	
3	51.7	(1.5)	50.2	50.1	51.9	54.7	55.7	56.0	57.9	47.7	53.1	52.2	10,245	80	10,563	72.5	69.5	73.4	63.3	
4	52.3	(1.9)	50.4	50.1	51.7	54.7	55.9	56.3	58.1	47.4	53.0	52.2	10,189	80	10,558	79.5	75.8	77.3	62.3	
5	51.9	(1.8)	50.1	50.1	52.1	54.2	55.2	55.5	57.4	47.5	53.1	51.6	9,710	80	10,566	68.0	67.3	65.6	63.0	
6	51.8	(1.6)	50.2	50.1	51.5	53.8	54.8	55.1	56.5	47.2	52.5	51.3	10,582	80	10,565	61.5	59.2	59.9	56.8	
7	51.9	(1.4)	50.5	50.0	51.2	53.3	53.9	54.0	55.1	47.1	52.2	51.1	11,064	80	12,204	62.5	60.3	59.8	57.8	
8	52.2	(1.5)	50.7	50.0	51.4	53.7	54.5	54.6	56.3	46.9	52.4	52.3	11,505	107	12,158	69.5	66.8	66.0	61.0	
9	52.3	(1.6)	50.7	50.2	52.0	54.8	55.9	56.0	57.6	47.1	53.2	52.9	11,716	80	12,108	72.5	70.9	71.7	63.8	
10	52.2	(1.4)	50.8	50.2	52.3	55.2	56.5	56.8	59.0	47.5	53.5	53.0	11,619	80	12,108	77.0	76.4	74.5	66.8	
11	52.1	(1.4)	50.7	50.3	52.3	55.2	56.6	57.0	59.5	47.7	53.4	53.0	11,344	80	12,100	78.5	76.0	75.5	69.0	
12	52.1	(1.7)	50.4	50.4	52.2	55.3	56.7	57.1	59.4	47.9	53.5	53.4	10,483	80	11,370	78.5	75.4	76.3	68.5	
13	52.3	(1.4)	50.9	50.4	52.1	55.2	56.5	56.9	59.3	48.0	53.5	53.1	11,497	80	11,383	75.0	72.5	74.8	65.2	
14	52.4	(1.6)	50.8	50.4	52.4	55.4	56.7	57.0	59.3	48.4	53.7	53.2	11,034	87	11,372	78.5	74.0	78.2	64.0	
15	52.3	(1.8)	50.5	50.4	52.4	55.1	56.4	56.8	59.0	48.2	53.6	52.5	10,715	80	11,415	69.0	69.2	69.7	61.1	
16	52.3	(1.8)	50.5	49.9	52.1	54.7	55.7	56.1	58.2	48.3	53.0	52.0	10,714	304	11,489	66.5	65.5	66.4	60.6	
17	52.5	(1.5)	51.0	50.4	51.9	54.49	55.6	55.8	57.6	48.2	53.0	52.1	11,052	81	11,352	62.0	62.5	62.6	55.2	
18	52.4	(1.4)	51.0	50.1	52.4	54.75	55.8	55.9	57.8	47.9	53.3	52.1	10,815	404	11,388	65.5	64.4	66.9	55.5	
19	52.4	(1.6)	50.8	50.0	52.3	55.06	56.1	56.3	58.1	48.2	53.5	52.6	9,991	857	11,404	72.5	70.3	71.8	59.2	
20	52.4	(1.5)	50.9	50.0	52.3	55.05	56.2	56.4	58.5	48.1	53.5	52.8	10,116	979	11,568	74.0	72.1	73.3	62.1	
21	51.7	(1.3)	50.4	50.2	52.1	54.94	56.0	56.3	58.3	48.2	53.2	52.6	10,233	1,592	12,713	62.0	65.7	67.4	55.8	
22	52.5	(1.1)	51.4	50.4	51.4	53.71	54.4	54.5	56.0	48.6	52.2	51.7	10,642	980	12,458	59.5	58.4	59.8	48.0	
23	53.0	(0.7)	52.3	50.9	52.2	54.05	54.9	54.9	56.2	47.8	52.9	52.4	12,312	488	12,463	64.5	61.8	61.6	52.7	
24	53.2	(1.0)	52.2	50.5	52.8	54.71	55.6	55.6	57.0	47.6	53.8	52.5	11,652	1,268	12,480	62.0	61.2	63.0	53.8	
25	52.9	(1.2)	51.7	50.8	52.8	54.87	55.8	55.9	57.7	48.0	53.8	52.9	10,705	2,013	12,492	64.0	64.2	65.4	57.0	
26	52.7	(1.3)	51.4	50.9	52.5	55.07	56.2	56.4	58.3	48.0	53.6	52.8	10,312	1,211	12,192	68.5	67.0	65.7	60.3	
27	52.5	(1.4)	51.1	51.1	52.2	54.33	55.1	55.5	57.5	48.1	53.0	52.0	9,591	1,971	12,251	61.0	59.9	60.2	54.0	
28	52.5	(1.2)	51.3	51.1	52.0	54.52	55.4	55.4	57.1	47.7	53.2	53.7	10,270	1,399	12,245	67.0	66.1	66.2	60.5	
29	52.7	(1.2)	51.5	51.4	52.6	55.24	56.5	56.6	58.4	47.8	53.5	53.8	10,226	2,267	12,213	72.0	70.5	71.0	61.8	
30	52.4	(1.3)	51.1	51.5	52.8	55.14	56.2	56.4	58.4	48.7	53.7	53.6	8,893	2,260	11,759	69.0	67.6	69.5	58.0	
31	52.5	(1.2)	51.3	51.7	52.6	55.41	56.6	56.8	58.8	48.2	53.7	54.0	9,177	2,217	11,777	78.5	73.2	75.7	61.8	
Avg	52.3		50.9	50.4	52.1	54.7	55.7	55.9	57.8	47.9	53.2	52.5	10,640	694	11,672	69.6	67.7	68.7	60.0	
Tot cfs													329,830	21,525	361,835					
Tot af													654,218	42,695	717,700					

= 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 5/31/2013.
 Starting 5/17/2013 Balls Ferry temperature target of 56.75 is for compliance of 56.0 at Airport Road.