

9/4/2014

Temperature and Release Summary for Shasta and Trinity - May 2014

(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 3/27 Bsf	Jlf	Bnd	Rdb	Lws	Control Point 3/28 to 5/31 Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Apr	50.6		49.8	49.9	51.4	55.0	56.9	57.5	58.5	50.6	53.1	51.3	2,419	524	3,084	60.7	59.7	61.2	54.2
May																			
1	51.1	(0.8)	50.3	51.1	52.0	56.0	58.6	59.5	61.6	50.2	53.8	53.0	4,514	54	4,533	69.5	67.7	70.3	63.3
2	51.2	(0.7)	50.5	51.3	51.9	55.5	58.0	58.8	60.9	50.5	53.7	53.2	5,187	14	5,068	69.5	68.5	71.5	63.2
3	51.1	(0.7)	50.4	51.2	51.9	55.2	57.7	58.5	60.3	50.6	53.5	53.3	5,061	14	5,068	68.0	67.8	67.5	60.0
4	51.1	(0.7)	50.4	51.3	51.9	55.2	57.7	58.4	59.9	51.0	53.3	52.7	5,197	14	5,066	63.5	63.7	63.0	56.4
5	51.4	(0.8)	50.6	51.3	51.6	54.4	56.5	57.1	58.9	51.4	52.9	52.2	5,135	14	5,094	60.5	58.0	59.0	52.8
6	52.0	(0.8)	51.2	51.4	51.5	53.9	56.1	56.6	57.9	51.1	52.9	52.8	5,939	18	5,854	62.5	60.8	63.7	52.5
7	51.8	(0.7)	51.1	51.5	52.1	54.0	56.2	56.8	58.2	50.4	53.1	53.2	6,840	14	6,438	66.0	62.6	64.8	55.3
8	51.4	(0.6)	50.8	51.0	52.1	54.6	55.8	56.5	57.9	50.0	52.9	52.5	6,761	197	6,421	63.0	61.5	62.9	53.1
9	51.6	(0.6)	51.0	51.1	51.6	54.0	55.8	56.2	57.4	49.8	53.0	53.1	7,424	148	6,970	64.0	63.5	64.1	53.8
10	52.1	(0.7)	51.4	51.9	51.8	53.7	55.5	56.1	57.5	49.7	52.8	52.7	7,237	14	6,998	58.5	58.8	61.8	51.8
11	52.8	(0.9)	51.9	51.2	52.0	53.8	55.6	56.1	57.3	50.4	53.1	52.9	6,893	314	6,997	65.0	63.2	64.7	54.0
12	52.6	(0.8)	51.8	51.8	53.1	54.5	56.7	57.1	58.5	50.2	54.2	53.6	6,928	14	7,008	73.5	66.9	70.6	60.5
13	52.6	(0.8)	51.8	51.1	53.2	55.6	57.9	58.4	59.9	50.4	54.7	53.9	6,568	169	6,986	72.5	71.0	74.1	64.1
14	52.6	(0.9)	51.7	51.2	53.1	56.0	58.2	58.9	60.8	50.7	54.6	54.1	7,189	305	6,989	76.0	73.4	74.5	67.1
15	52.7	(0.9)	51.8	51.3	53.0	55.9	58.0	58.6	60.7	50.8	54.3	54.0	7,239	144	6,965	75.5	71.5	73.8	67.0
16	52.8	(0.9)	51.9	51.3	53.0	56.1	57.9	58.5	60.4	50.8	54.5	54.3	7,367	144	6,944	74.0	70.4	72.1	63.8
17	52.9	(0.9)	52.0	51.4	53.2	56.2	58.1	58.7	60.8	50.6	54.5	54.3	8,072	98	6,996	70.5	68.8	71.2	62.2
18	52.8	(1.0)	51.8	52.0	53.3	56.3	57.9	58.5	60.5	51.1	54.6	54.0	7,401	14	7,001	68.5	67.8	69.8	60.0
19	52.9	(0.8)	52.1	51.4	53.1	55.8	57.3	57.8	59.3	51.6	54.2	53.3	6,422	679	6,993	64.0	60.1	62.0	53.6
20	53.2	(0.9)	52.3	51.4	53.1	55.6	57.3	57.8	59.4	51.4	54.4	54.0	6,884	170	7,009	66.5	62.6	61.7	59.8
21	53.2	(0.8)	52.4	52.1	53.5	56.2	58.1	58.7	60.6	50.7	54.8	54.4	7,058	14	7,081	71.0	70.6	71.5	63.0
22	53.4	(0.7)	52.7	51.4	53.6	56.6	58.6	59.2	61.5	50.9	55.0	54.5	7,499	235	7,559	74.5	72.4	74.5	65.8
23	53.5	(0.8)	52.7	51.4	53.8	56.6	58.4	59.1	61.6	51.1	55.0	54.3	7,174	234	7,564	76.5	73.6	76.6	66.0
24	53.6	(0.8)	52.8	51.5	53.9	57.0	58.9	59.5	61.8	51.1	55.5	55.1	7,300	453	7,562	82.0	79.8	81.9	68.2
25	53.6	(0.6)	53.0	51.6	54.1	57.0	59.1	59.8	62.4	51.4	55.6	55.0	7,585	316	7,559	81.5	77.3	81.3	68.2
26	53.8	(0.7)	53.1	52.4	54.1	57.0	59.0	59.7	62.3	51.6	55.6	55.1	7,862	14	7,558	75.5	74.0	77.9	66.5
27	53.8	(0.7)	53.1	52.3	54.3	57.0	58.8	59.5	62.0	51.8	55.6	54.6	7,585	14	7,566	72.0	71.2	73.8	60.9
28	54.4	(0.8)	53.6	52.3	54.2	56.4	58.0	58.6	60.4	52.0	55.3	53.9	7,761	14	7,634	63.0	65.0	69.0	57.5
29	54.8	(0.8)	54.0	51.8	54.3	56.3	58.0	58.5	60.1	52.1	55.5	54.3	6,673	622	7,490	73.5	72.2	73.2	60.8
30	54.9	(1.1)	53.8	51.9	54.7	56.6	58.4	58.9	61.2	51.7	55.9	54.2	8,139	717	8,555	69.5	67.3	69.5	61.9
31	55.3	(1.4)	53.9	51.9	54.7	56.5	58.4	58.9	61.0	51.1	55.9	54.5	7,978	931	8,498	69.0	67.4	68.8	64.6
Avg	52.8		52.0	51.5	53.0	55.7	57.6	58.2	60.1	50.9	54.3	53.8	6,867	197	6,839	69.6	67.7	69.7	60.6
Tot cfs													212,872	6,116	212,024				
Tot af													422,232	12,131	420,550				

= 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 3/1/2014 to 3/27/2014 56.0; Clear Creek 3/28/2014 to 4/24/2014 58.0; Clear Creek 4/25/2014 to 5/31/2014 56.0.