

5/6/2014

Temperature and Release Summary for Shasta and Trinity - April 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 4/30 Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Mar	50.4		49.6	48.9	50.6	53.37	53.3	53.7	54.3	49.9	51.6	49.0	2,337	321	2,769	55.5	54.7	56.3	48.1	
Apr																				
1	50.3	(0.8)	49.5	48.7	50.0	52.4	49.7	50.0	50.1	49.4	50.1	48.4	1,127	1,459	2,502	47.5	46.5	46.4	40.8	
2	50.6	(0.7)	49.9	48.7	49.8	52.2	51.3	51.4	51.4	49.8	51.2	49.4	1,854	501	2,626	49.0	49.2	49.5	46.1	
3	50.8	(0.7)	50.1	48.6	49.9	52.6	53.0	53.5	53.5	49.0	50.7	49.3	2,037	646	2,663	51.5	51.3	51.2	45.8	
4	50.3	(0.6)	49.7	48.7	50.3	53.0	52.3	52.8	53.5	49.5	50.9	49.4	1,013	1,710	2,692	52.5	51.5	51.2	47.0	
5	49.7	(0.6)	49.1	48.8	50.1	53.0	53.4	53.6	54.0	50.2	51.8	49.8	478	1,438	2,664	56.0	55.2	56.7	50.6	
6	50.5	(1.0)	49.5	48.8	50.7	53.4	55.6	56.1	56.5	50.3	52.5	50.8	1,066	997	2,736	62.0	60.4	63.1	54.9	
7	50.6	(0.8)	49.8	49.0	50.9	54.0	57.2	57.8	58.5	51.0	53.0	51.3	1,235	2,013	2,730	64.0	61.5	64.6	58.0	
8	50.4	(0.5)	49.9	49.1	50.9	55.1	58.0	58.7	59.7	51.0	53.1	51.4	660	1,586	2,693	65.0	62.9	65.4	58.8	
9	49.9	(0.4)	49.5	49.4	51.0	55.6	58.6	59.2	60.4	51.3	53.2	51.8	808	1,797	2,697	65.0	64.0	65.6	59.8	
10	50.4	(0.9)	49.5	49.6	51.4	56.2	59.1	59.7	61.1	51.7	53.7	52.3	1,398	888	2,688	66.5	64.7	66.7	59.6	
11	50.5	0.0	50.5	49.6	51.9	56.5	59.3	59.9	61.2	51.9	54.0	52.3	1,567	894	2,672	65.5	64.2	66.1	62.1	
12	50.3	0.3	50.6	49.6	52.0	56.7	60.0	60.6	61.8	52.0	54.6	52.6	1,379	873	2,575	65.0	63.7	64.4	62.3	
13	50.4	(0.8)	49.6	49.9	52.5	56.9	60.1	60.9	62.3	51.7	54.4	52.2	2,669	18	2,500	66.5	65.8	66.1	57.9	
14	50.7	(1.0)	49.7	49.7	52.6	56.8	59.3	59.9	61.6	51.7	54.8	51.7	2,150	146	2,489	62.0	60.7	64.7	58.1	
15	50.7	(0.9)	49.8	49.6	52.3	56.9	59.7	60.5	61.8	51.8	54.7	51.6	2,636	146	2,512	65.0	64.2	66.7	58.5	
16	50.8	(0.9)	49.9	49.5	52.1	57.0	59.5	60.4	62.0	52.0	54.6	51.3	2,618	145	2,952	69.0	65.6	67.8	58.4	
17	50.7	(0.7)	50.0	49.7	52.3	56.8	59.1	59.9	61.6	51.5	54.2	51.5	2,559	145	3,018	65.0	63.3	66.3	55.2	
18	50.7	(1.0)	49.7	50.5	52.5	56.6	58.3	59.1	60.8	51.7	54.4	51.5	3,454	14	3,737	67.5	65.6	66.3	54.8	
19	50.6	(1.2)	49.4	50.0	51.9	56.4	58.3	59.0	60.3	51.8	54.1	51.7	3,288	42	3,741	61.5	59.9	62.0	53.8	
20	50.7	(0.8)	49.9	50.7	52.0	56.2	58.3	59.0	60.6	52.1	54.0	52.3	3,657	14	3,748	66.5	63.6	65.6	56.0	
21	50.6	(0.7)	49.9	50.4	51.5	56.1	57.2	58.1	59.4	51.2	52.8	51.4	3,556	14	3,747	58.5	59.8	61.5	54.9	
22	50.7	(1.6)	49.1	50.5	51.4	54.9	56.1	56.5	57.9	51.2	52.9	51.7	3,773	14	3,684	56.5	56.8	59.3	49.4	
23	50.7	(1.1)	49.6	50.7	50.9	55.0	56.6	57.2	58.2	49.5	52.7	51.1	3,147	14	3,488	55.5	56.0	58.5	50.0	
24	50.7	(0.7)	50.0	50.6	51.1	55.0	56.8	57.7	58.9	49.7	52.5	51.7	3,056	14	3,356	60.0	58.4	59.5	52.6	
25	50.8	(0.9)	49.9	50.8	51.2	54.7	55.9	56.4	57.7	49.1	52.4	51.6	3,734	14	3,372	53.0	53.4	53.1	48.8	
26	51.0	(1.3)	49.7	50.8	51.0	53.4	55.3	55.7	56.7	48.7	51.9	50.8	3,157	14	3,369	50.5	51.4	52.2	46.5	
27	50.7	(0.7)	50.0	50.3	51.0	53.7	55.1	55.7	56.3	48.6	52.0	51.2	3,616	136	3,530	54.5	55.7	54.9	51.0	
28	51.1	(0.7)	50.4	51.1	51.5	53.4	55.6	56.1	57.3	48.8	53.1	51.9	3,397	14	3,755	59.0	57.9	59.5	52.2	
29	51.0	(0.6)	50.4	51.1	51.8	54.9	57.9	58.5	59.2	49.4	53.9	52.8	3,665	14	3,797	70.0	67.4	69.2	59.5	
30	51.0	(0.7)	50.3	51.1	52.0	55.8	58.9	59.6	61.1	49.8	54.1	53.2	3,828	14	3,797	70.0	70.5	73.0	62.9	
		0.0																		
Avg	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	
Tot cfs													72,582	15,734	92,530					
Tot af													143,966	31,208	183,533					

= 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 4/30/2014 56.0.