

12/5/2014

Temperature and Release Summary for Shasta and Trinity - November 2014

(Updated twice a week November through April)

Day	Sacramento River Water Temperatures in Degrees F Collected from CDEC (California Data Exchange Center) except for TCD, SPP and Control Point														Mean Daily Release in CFS			Mean Daily Air Temp Degrees F			
	TCD Wt. Avg.	SHD minus TCD (Diff)	Shd	SPP Wt. Avg	Kwk	Control Point 3/1 to 3/27 Bsf	Jlf	Bnd	Rdb	Lws	Control Point 3/28 to 11/30 Ccr	Igo	Nfh	Shasta Generation El 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Oct	61.5		61.4	57.9	60.5	61.2	61.4	61.4	61.9	52.3	61.0	57.6	55.6	2,999	1,045	4,502	66.1	61.7	64.5	55.9	
Nov																					
1	61.0	0.1	61.1	57.9	59.8	60.3	59.2	59.1	59.0	51.1	59.7	56.7	52.9	2,718	2,062	4,519	54.0	53.3	53.8	47.6	
2	61.1	0.0	61.1	57.9	59.4	60.1	58.6	58.5	58.7	51.4	59.2	55.9	51.6	2,423	2,150	4,520	54.0	51.6	53.4	44.7	
3	61.4	(0.2)	61.2	57.8	59.5	59.8	58.5	58.3	58.0	52.1	59.3	56.3	51.4	4,236	965	4,549	57.5	51.8	53.6	46.9	
4	61.2	(0.2)	61.0	58.2	59.7	59.8	59.1	58.8	58.8	52.4	59.7	56.6	51.9	4,576	19	4,606	60.0	53.7	56.5	49.5	
5	61.1	(0.3)	60.8	58.2	60.6	59.9	59.6	59.1	59.6	52.6	60.5	57.0	53.5	4,669	14	4,495	64.5	58.5	60.3	52.4	
6	61.0	(0.7)	60.3	58.1	60.6	60.1	60.4	60.0	60.4	53.0	60.7	56.9	54.1	4,864	14	4,454	59.5	56.7	58.9	53.6	
7	61.0	(0.2)	60.8	58.0	60.5	60.2	60.2	59.8	60.5	53.2	60.7	56.8	54.5	4,950	14	4,406	63.0	57.0	60.1	51.5	
8	60.9	(0.3)	60.6	57.9	60.4	60.3	60.2	59.8	60.6	53.7	60.5	56.9	54.3	4,736	14	4,400	61.0	56.3	60.7	52.0	
9	60.9	(0.4)	60.5	57.9	60.3	60.3	60.0	59.6	60.4	54.1	60.4	56.7	54.3	4,876	14	4,394	61.0	55.9	59.0	52.2	
10	60.8	(0.5)	60.3	57.9	60.0	60.2	59.5	59.1	59.9	53.9	60.1	56.4	53.8	4,855	14	4,373	58.5	53.5	57.6	50.0	
11	60.7	(0.6)	60.1	57.8	59.8	60.1	58.5	58.0	58.7	53.9	59.6	55.5	52.5	4,221	14	4,267	52.0	50.0	53.5	46.6	
12	60.4	(0.8)	59.6	57.9	59.7	59.9	59.2	58.8	59.0	54.4	59.6	56.4	52.1	4,796	14	4,162	57.0	55.7	55.8	48.6	
13	60.4	(0.5)	59.9	57.8	59.8	59.9	59.0	58.8	59.1	54.8	59.4	56.6	53.6	4,469	14	4,144	56.0	54.6	55.0	50.7	
14	60.1	(0.4)	59.7	57.8	59.6	59.9	59.3	59.0	59.4	54.5	59.6	56.6	53.5	4,828	18	4,127	56.5	56.6	56.3	50.2	
15	60.2	(0.6)	59.6	57.9	59.4	60.0	58.8	58.5	59.3	54.6	59.3	55.9	52.9	4,621	14	4,177	55.0	52.3	54.4	46.7	
16	60.2	(0.6)	59.6	57.6	59.1	59.8	57.1	56.6	57.3	54.3	58.3	55.0	50.7	4,289	92	4,110	48.5	46.2	47.5	40.3	
17	60.0	(0.6)	59.4	58.2	58.6	59.2	55.8	55.1	55.2	53.3	57.9	53.9	48.6	4,151	18	4,015	47.5	41.3	44.5	37.0	
18	59.8	(0.6)	59.2	57.9	58.2	58.7	55.6	54.9	54.9	53.6	57.5	54.4	47.2	4,209	14	3,992	46.5	43.0	47.2	39.9	
19	59.6	(1.2)	58.4	57.7	58.2	58.5	56.1	55.6	55.3	53.5	57.6	55.2	48.6	3,526	97	3,924	47.0	46.7	47.9	43.2	
20	59.6	(1.2)	58.4	57.9	58.2	58.4	56.6	56.0	55.9	53.5	57.8	55.8	49.9	3,499	64	3,928	51.0	50.2	50.3	44.8	
21	59.1	(0.7)	58.4	57.3	58.2	58.5	57.0	56.5	56.6	53.5	57.9	55.8	50.5	4,345	991	3,958	52.0	51.5	52.1	45.6	
22	58.9	(0.6)	58.3	57.8	58.0	58.5	56.7	56.5	56.7	52.6	57.6	55.2	49.1	3,900	14	3,989	52.5	52.8	53.2	46.5	
23	58.5	(0.4)	58.1	57.6	57.9	58.2	55.3	54.8	55.3	52.5	57.1	54.3	47.9	4,292	14	3,933	49.5	44.8	46.8	39.5	
24	58.5	(0.6)	57.9	57.5	57.3	57.8	55.0	54.4	54.5	52.2	57.0	54.4	47.7	3,838	15	3,959	52.0	46.0	48.8	41.6	
25	58.1	(0.4)	57.7	57.2	57.1	57.7	55.3	54.7	54.9	52.2	56.7	54.5	47.9	3,537	14	3,976	51.0	46.5	49.0	42.5	
26	57.8	(0.4)	57.4	57.0	57.1	57.6	55.2	54.7	55.0	52.4	56.6	54.6	48.8	3,784	14	3,987	49.0	46.5	49.9	44.4	
27	57.6	(0.5)	57.1	56.9	57.0	57.6	55.5	55.0	55.2	52.5	56.6	54.6	49.6	3,682	14	3,981	50.5	47.7	50.2	46.2	
28	57.3	(0.4)	56.9	56.7	56.8	57.5	55.0	54.4	54.6	52.2	56.1	53.9	49.6	3,803	14	3,982	47.0	45.9	45.8	44.8	
29	57.1	(0.5)	56.6	56.0	56.5	57.4	55.4	54.9	54.9	52.5	56.3	54.6	49.8	3,601	159	3,985	52.5	52.6	53.2	47.7	
30	57.0	(0.5)	56.5	56.2	56.3	57.2	54.8	54.6	55.4	52.6	56.3	54.6	50.1	3,771	14	3,982	53.5	52.5	52.7	47.3	
		0.0																			
Avg	59.7		59.2	57.6	58.8	59.1	57.6	57.1	57.4	53.1	58.5	55.6	51.1	4,136	230	4,176	54.0	51.1	52.9	46.5	
Tot cfs														124,065	6,902	125,294					
Tot af														246,083	13,690	248,521					

= 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 11/30/2014 56.0.