

1/12/2015

Temperature and Release Summary for Shasta and Trinity - December 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 12/31 Ccr	Igo	Nfh	Shasta Generation El 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Nov	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	
Dec																					
1	56.8	(0.4)	56.4	55.7	56.1	57.0	55.0	54.6	55.0	52.7	56.1	54.5	50.2	3,566	218	3,849	53.0	51.4	52.2	48.3	
2	56.7	(0.5)	56.2	56.1	56.0	57.0	54.8	54.5	55.0	52.5	55.9	54.5	50.3	3,348	15	3,450	52.0	50.8	52.4	48.0	
3	56.4	(0.2)	56.2	55.5	55.9	56.8	54.6	54.5	54.9	52.6	? 55.8	54.4	50.0	2,346	1,016	3,375	54.0	52.9	53.6	49.1	
4	56.2	(0.4)	55.8	55.9	55.7	56.5	54.2	54.0	54.4	52.7	? 56.2	55.0	50.1	3,089	18	3,308	57.0	56.4	57.9	49.9	
5	55.9	(0.3)	55.6	56.0	55.8	56.5	55.8	55.8	55.6	52.9	!	55.2	50.7	3,132	14	3,326	58.0	57.2	57.5	52.1	
6	55.9	(0.4)	55.5	55.3	55.7	56.9	56.2	56.4	56.5	52.7	!	55.0	50.2	2,135	746	3,310	56.0	57.0	57.2	48.5	
7	55.7	(0.2)	55.5	55.3	55.4	56.8	55.1	55.3	55.6	52.7	? 55.6	54.5	49.6	1,989	665	3,306	54.0	53.1	54.5	49.0	
8	55.4	(0.3)	55.1	55.3	55.3	56.7	55.6	55.5	55.5	52.9	55.7	54.9	50.5	2,685	228	3,196	55.5	55.1	55.0	51.9	
9	55.3	(0.6)	54.7	55.2	55.3	56.8	55.7	55.8	55.9	53.0	55.7	55.0	51.0	2,767	727	3,190	56.5	55.5	56.0	51.7	
10	55.5	0.0	55.5	55.1	55.2	? 56.8	55.7	55.7	55.8	52.8	55.4	54.5	51.0	763	1,586	3,066	55.0	53.8	54.5	50.3	
11	55.2	0.2	55.4	55.1	54.9	55.8	54.3	54.4	54.5	52.4	54.9	53.9	49.8	296	699	4,723	53.0	53.7	53.5	48.5	
12	55.5	(0.2)	55.3	54.9	54.5	56.0	53.1	53.1	53.3	52.3	54.6	53.0	49.2	710	1,981	4,178	48.5	48.2	48.5	44.4	
13	54.7	0.0	54.7	54.8	54.4	55.6	53.0	53.1	53.1	52.1	54.5	52.2	48.4	1,719	1,536	3,909	48.5	48.0	49.0	42.3	
14	54.8	(0.4)	54.4	54.5	54.2	55.5	51.7	51.9	52.1	51.6	53.8	51.8	47.6	765	2,067	3,862	44.0	43.5	45.2	41.7	
15	54.7	(0.5)	54.2	54.3	54.1	55.3	51.7	51.6	51.4	51.3	53.7	51.8	47.2	1,510	2,132	3,854	45.0	44.8	46.5	40.9	
16	54.8	(0.3)	54.5	54.3	53.8	54.4	50.4	50.4	50.6	51.4	53.4	51.6	47.0	1,887	1,723	3,054	47.0	46.3	48.0	42.4	
17	54.2	(0.2)	54.0	54.2	53.5	54.1	51.4	51.3	51.0	50.9	53.5	52.1	47.9	2,167	28	3,062	50.0	49.8	50.7	44.6	
18	54.2	(0.3)	53.9	53.4	53.3	54.2	52.2	52.1	52.0	50.3	53.4	52.3	? 48.3	712	1,849	3,281	50.0	49.6	50.7	44.7	
19	54.1	(0.3)	53.8	53.2	53.2	54.3	52.5	52.5	52.4	50.0	53.3	52.6	48.5	214	1,374	3,558	51.5	51.3	51.9	45.9	
20	53.8	(0.3)	53.5	53.0	53.2	54.4	52.9	52.9	52.8	49.9	53.5	53.0	48.7	1,252	1,254	3,467	52.5	52.3	52.7	45.9	
21	53.6	(0.2)	53.4	53.1	53.4	54.6	53.6	53.5	53.4	50.2	53.8	53.9	49.0	1,780	299	3,305	54.5	54.2	54.5	50.6	
22	53.5	(0.2)	53.3	53.0	53.7	54.8	54.7	54.7	54.6	49.8	54.6	53.8	48.9	2,119	572	3,072	60.5	56.3	57.6	49.1	
23	53.3	(0.1)	53.2	53.1	53.7	55.1	53.8	54.0	54.5	50.0	54.3	53.0	48.9	1,739	805	3,125	60.0	53.6	55.2	47.0	
24	54.4	(1.2)	53.2	53.2	53.5	55.2	53.4	53.5	53.5	49.5	53.7	52.2	48.4	531	1,938	3,067	50.0	50.1	50.8	42.9	
25	53.1	(0.3)	52.8	53.1	53.0	54.9	50.5	50.8	51.5	48.6	52.7	49.8	45.1	833	2,143	3,024	44.5	41.9	45.9	34.6	
26	53.6	(0.9)	52.7	52.9	52.7	54.2	48.9	48.9	49.1	48.6	52.1	49.3	44.0	1,638	770	3,040	44.5	43.1	45.6	32.4	
27	53.7	(0.9)	52.8	52.6	52.4	53.7	48.3	48.2	48.1	48.5	51.8	49.0	43.3	1,345	1,321	3,038	41.5	38.8	41.6	34.0	
28	53.0	(0.4)	52.6	52.5	52.0	53.4	48.5	48.4	48.1	48.2	51.6	48.7	43.6	1,384	2,069	3,042	42.5	39.5	42.3	35.5	
29	53.0	(0.6)	52.4	52.2	51.6	53.1	48.0	47.9	47.8	47.5	51.1	48.2	42.9	2,135	685	3,040	39.5	36.9	39.9	34.5	
30	53.5	(1.0)	52.5	52.5	51.1	52.9	46.6	46.5	46.3	46.0	50.1	47.5	42.2	2,568	17	3,016	44.0	42.8	43.6	34.0	
31	53.5	(1.4)	52.1	52.5	50.7	52.4	45.2	44.9	44.7	45.8	49.5	47.1	39.9	2,705	14	2,991	48.0	45.3	44.8	27.7	
Avg	54.6		54.2	54.1	54.0	55.2	52.5	52.5	52.5	50.7	53.8	52.4	47.8	1,801	984	3,358	50.7	49.5	50.6	43.9	
Tot cfs														55,829	30,509	104,084					
Tot af														110,737	60,515	206,451					

? = Average includes 1-9 estimated hourly readings      ! = No Average (10-17 hours missing)      & = No Average (18 to 23 hours missing)      ND = No hourly readings or incorrect      # = Station out of service

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 12/31/2014 56.0.