

2/2/2015

Temperature and Release Summary for Shasta and Trinity - January 2015

(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 1/31 Ccr	Igo	Shasta Generation El 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
	54.6		54.2	54.1	54.0	55.2	52.5	52.5	52.5	50.7	53.8	52.4	1,801	984	3,358	50.7	49.5	50.6	43.9	
Jan																				
1	53.0	(1.2)	51.8	52.2	50.6	51.9	46.2	45.8	45.0	45.4	49.9	47.2	2,892	14	2,991	47.0	43.3	42.0	29.4	
2	52.7	(1.2)	? 51.5	51.0	50.8	51.8	46.6	46.3	45.9	44.9	49.9	47.1	2,079	349	2,966	40.5	35.9	38.5	32.0	
3	52.4	(1.2)	? 51.2	51.5	50.8	51.7	46.8	46.5	46.1	44.4	50.2	47.2	3,469	14	2,963	41.0	36.8	39.3	33.8	
4	52.1	(1.1)	51.0	51.0	50.9	51.7	47.6	47.4	46.8	44.6	50.6	47.9	2,624	27	2,985	46.0	40.9	43.1	38.3	
5	52.3	(1.3)	51.0	50.3	50.9	51.8	48.3	48.1	47.8	44.7	50.7	48.1	2,979	86	2,967	49.0	42.6	45.2	39.1	
6	52.2	(1.0)	51.2	50.2	50.9	51.9	49.1	48.8	48.5	44.8	50.9	48.3	2,181	309	2,967	51.0	45.4	48.6	40.2	
7	51.9	(0.8)	? 51.1	#	50.8	#	49.3	49.2	49.2	44.6	50.9	48.3	2,654	14	2,940	52.5	#	50.8	38.5	
8	52.3	(1.2)	51.1	50.3	51.0	#	49.5	49.4	49.3	44.9	? 50.7	48.4	2,828	14	2,940	50.0	#	50.1	38.3	
9	51.8	(0.8)	? 51.0	50.1	51.1	#	50.0	49.9	49.8	45.1	? 51.1	48.9	3,081	15	3,003	50.5	#	50.0	40.4	
10	51.8	(0.9)	50.9	50.1	51.1	#	50.1	50.1	50.0	45.3	51.1	49.0	3,047	14	3,179	48.5	#	48.3	43.1	
11	51.9	(1.2)	? 50.7	49.9	51.2	#	50.3	50.3	50.2	45.3	51.1	48.8	3,068	17	3,168	48.5	#	50.1	41.2	
12	51.6	(0.9)	? 50.7	#	51.1	#	50.8	50.8	50.7	45.5	51.4	49.2	3,064	14	3,180	53.5	#	53.0	43.5	
13	51.7	(1.0)	50.7	#	51.0	#	50.9	50.9	51.0	45.2	? 51.2	48.8	4,159	15	3,179	58.0	#	53.0	41.8	
14	52.0	(1.4)	50.6	#	50.8	#	49.9	50.0	50.5	44.9	50.6	48.0	3,504	378	3,172	47.0	#	46.9	36.8	
15	51.2	(0.5)	50.7	50.4	50.6	#	49.3	49.3	49.3	45.5	50.4	48.3	2,374	17	3,066	45.5	#	44.6	40.5	
16	51.0	(0.2)	50.8	49.8	50.6	#	50.0	49.9	49.6	46.0	50.6	48.9	2,705	23	2,911	48.5	#	48.1	44.5	
17	51.0	(0.3)	50.7	49.6	50.6	#	50.8	50.9	50.6	46.4	51.0	49.5	2,413	16	2,910	52.5	#	51.5	47.5	
18	51.0	(0.2)	50.8	49.7	50.7	#	51.6	51.8	51.8	46.5	? 51.1	49.8	2,676	14	2,914	50.5	#	51.5	48.7	
19	51.0	(0.3)	50.7	49.7	50.7	#	51.3	51.5	51.9	46.1	51.1	49.0	4,264	16	2,911	53.0	#	52.5	43.5	
20	50.9	(0.2)	50.7	49.5	50.6	#	50.4	50.5	51.1	45.9	50.8	48.4	3,002	93	2,912	52.0	#	46.2	39.1	
21	50.9	(0.3)	50.6	50.5	50.5	#	50.1	50.0	50.1	45.8	50.8	48.5	2,849	14	2,868	56.0	#	51.3	38.8	
22	50.7	(0.2)	50.5	50.4	50.4	#	50.3	50.2	50.4	45.9	50.8	48.5	1,750	14	2,866	52.0	#	47.9	41.8	
23	50.9	(0.3)	50.6	49.8	50.4	#	50.2	50.1	50.6	46.1	50.8	48.7	3,308	373	2,865	56.5	#	55.8	42.2	
24	50.9	(0.3)	50.6	49.7	50.5	#	51.1	50.9	51.1	46.4	51.3	49.5	3,517	288	2,815	63.0	#	60.2	44.4	
25	50.8	(0.2)	50.6	50.5	50.5	#	51.4	51.3	51.6	46.6	51.1	49.5	1,984	14	2,815	55.5	#	49.9	45.8	
26	50.6	(0.2)	50.4	50.4	50.7	#	51.1	51.0	51.5	46.9	51.0	49.1	2,219	14	2,815	52.5	#	50.0	45.3	
27	50.8	(0.3)	50.5	50.0	50.8	#	51.3	51.2	51.4	47.2	51.0	49.3	4,244	14	2,812	51.0	#	50.3	47.1	
28	50.7	(0.3)	50.4	49.7	50.8	#	51.1	51.0	51.5	46.9	51.1	48.9	2,099	14	2,816	56.0	#	53.5	43.2	
29	50.8	(0.3)	50.5	49.8	50.6	#	51.2	51.1	51.6	46.9	51.0	49.0	3,614	19	2,828	55.5	#	53.0	42.3	
30	51.0	(0.5)	50.5	50.1	50.6	#	51.4	51.3	51.7	47.0	51.1	49.3	3,519	16	2,981	59.0	#	59.5	43.0	
31	50.9	(0.4)	50.5	50.1	50.6	#	51.2	51.2	51.7	46.9	50.8	48.9	3,610	15	3,090	58.5	#	61.0	41.3	
Avg	51.4		50.8	50.2	50.7	51.8	50.0	49.9	49.9	45.8	50.8	48.7	2,961	73	2,961	51.6	40.8	49.9	41.1	
Tot cfs													91,776	2,254	91,795					
Tot af													182,038	4,471	182,075					

? = 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 1/31/2015 56.0.

Spring Creek Powerplant (SPP) stopped transmitting on 12-28-2014. Data logger is being downloaded. Several data gaps exist. Site transmitting again on 1/27/2015.

Balls Ferry (BSF) probe removed on 1/7/2015 due to erroneous readings.