

2/1/2016

Temperature and Release Summary for Shasta and Trinity - January 2016

(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	Bsf	Jlf	Bnd	Rdb	Lws	Control Point 4/1 to 1/31 Ccr	Igo	Sac	Nfh	Shasta Generation El 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Dec	53.7		53.3	51.5	52.8	51.3	50.3	50.1	49.6	45.9	52.2	49.0	52.2	43.4	3,404	184	3,886	45.9	44.3	45.8	37.7
Jan																					
1	51.4	(0.3)	51.1	49.2	50.2	48.3	46.1	45.7	45.4	42.1	48.8	45.6	49.6	39.0	2,851	14	3,121	44.5	38.6	41.2	28.2
2	51.3	(0.5)	50.8	49.0	50.0	48.3	46.5	45.9	45.1	42.5	49.1	46.1	49.5	38.2	2,573	14	3,121	43.5	39.9	41.1	32.4
3	50.9	(0.3)	50.6	48.9	49.9	48.7	47.6	47.1	46.1	43.0	49.3	46.5	49.5	40.4	2,570	14	3,121	46.0	42.4	44.5	38.7
4	50.8	(0.4)	50.4	48.7	49.9	49.0	47.9	47.6	47.0	43.1	49.2	46.3	49.5	41.4	2,693	14	3,119	43.0	41.4	43.0	37.7
5	50.3	0.0	50.3	47.8	? 49.8	48.1	47.4	47.2	47.3	43.4	49.1	46.4	48.7	42.7	2,020	430	3,076	47.0	47.2	48.3	40.4
6	50.3	(0.3)	50.0	47.6	49.6	48.1	47.5	47.4	46.9	43.6	49.2	46.6	48.8	43.0	2,058	1,011	3,080	46.0	46.5	47.1	39.9
7	50.2	(0.2)	50.0	47.4	49.3	48.1	47.5	47.3	47.1	43.9	49.3	46.6	48.9	43.3	2,175	346	3,091	46.5	44.4	45.1	40.2
8	50.1	(0.3)	49.8	47.5	49.2	48.6	48.0	47.9	47.6	43.8	49.2	46.0	49.0	43.8	2,223	656	3,086	43.5	42.5	45.0	39.2
9	50.4	(0.8)	49.6	48.0	49.2	48.7	48.2	48.2	48.0	43.8	48.9	46.3	48.8	43.6	2,199	14	3,078	45.0	44.3	46.0	38.5
10	49.9	(0.3)	49.6	47.7	49.1	48.3	47.6	47.5	47.5	43.8	49.3	46.5	48.9	43.7	2,245	14	3,051	49.0	44.7	47.0	39.9
11	50.1	(0.7)	49.4	47.2	49.2	48.6	48.1	48.1	47.8	44.4	49.0	46.3	48.9	43.7	2,621	771	3,064	46.5	45.0	46.7	41.3
12	49.5	(0.3)	49.2	47.2	49.0	49.0	48.9	48.8	48.4	44.6	49.2	47.3	48.9	44.6	2,790	351	3,065	49.0	47.2	49.8	44.0
13	48.9	(0.1)	48.8	47.3	48.8	49.3	49.2	49.2	49.1	44.5	49.2	47.7	48.7	44.8	1,760	900	3,068	48.5	49.8	49.4	41.4
14	49.1	(0.3)	48.8	47.0	48.6	48.3	46.9	47.1	47.8	43.8	48.0	46.1	47.9	43.0	1,382	1,220	3,033	41.0	41.6	44.0	33.9
15	49.5	(0.7)	48.8	47.1	48.2	47.5	46.4	46.2	46.3	44.2	48.3	46.6	47.9	42.2	1,851	685	3,088	46.0	45.9	47.7	35.7
16	49.0	(0.2)	48.8	47.3	48.2	48.3	47.8	47.7	47.6	44.2	48.4	47.5	48.1	43.4	1,753	207	3,120	47.0	47.5	49.0	39.0
17	48.9	0.1	49.0	47.1	48.4	49.1	49.3	49.1	49.0	44.3	48.9	48.9	48.7	44.5	827	733	3,013	53.0	53.2	52.8	42.8
18	48.3	0.3	48.6	47.2	48.5	50.2	50.3	50.3	50.7	44.6	49.4	49.5	49.1	45.4	1,070	792	2,994	54.5	54.9	55.2	44.5
19	48.5	(0.1)	48.4	47.0	48.8	50.6	51.0	50.9	51.0	44.6	49.9	50.2	49.9	46.4	1,098	703	2,970	56.0	55.8	54.9	45.2
20	47.9	0.0	47.9	47.1	49.1	50.9	50.2	50.3	50.9	44.4	49.5	48.8	49.2	45.6	962	1,960	3,051	52.5	51.0	51.8	41.5
21	48.4	(0.3)	48.1	47.1	48.6	50.8	50.2	50.2	50.3	? 44.8	49.3	48.9	48.8	46.6	109	2,467	2,974	52.0	50.9	51.6	46.8
22	48.4	(0.3)	48.1	47.3	48.3	50.9	50.9	50.9	51.0	45.1	49.3	49.6	48.9	47.1	400	1,325	2,973	54.5	54.5	54.7	48.4
23	48.0	(0.1)	47.9	47.2	48.7	51.0	50.5	50.5	50.9	44.7	49.4	49.9	49.2	46.5	762	1,306	2,932	49.5	51.7	52.3	43.2
24	47.8	(0.1)	47.7	47.3	49.0	50.5	49.3	49.3	49.7	44.7	49.1	48.3	48.9	45.7	764	753	2,961	46.5	46.5	47.3	40.3
25	48.0	0.0	48.0	47.3	49.2	50.5	50.0	49.9	49.9	44.7	49.9	48.6	49.4	45.7	867	1,640	3,045	53.5	49.6	51.0	41.7
26	48.5	(0.5)	48.0	47.3	? 48.8	50.5	49.4	49.4	49.8	? 44.9	49.4	48.2	48.9	46.1	1,993	1,362	3,047	49.0	45.2	47.9	42.2
27	48.2	(0.3)	47.9	47.5	48.6	50.3	49.5	49.4	49.5	45.0	49.3	48.0	48.8	46.3	1,784	2,047	3,046	^ 53.5	49.4	51.8	44.1
28	48.2	(0.5)	47.7	47.5	48.2	50.3	49.4	49.4	49.7	45.1	48.6	47.9	48.2	46.1	1,072	1,903	3,046	48.0	47.0	48.6	43.1
29	48.1	(0.2)	47.9	47.4	48.1	50.2	49.7	49.6	49.6	45.2	48.8	49.3	48.6	46.1	1,077	1,401	3,063	52.0	50.4	51.5	44.2
30	48.2	(0.3)	47.9	47.4	48.1	50.3	49.1	49.2	49.7	44.9	48.8	48.2	48.3	45.4	491	2,144	3,044	48.0	47.0	49.3	39.9
31	48.4	(0.7)	47.7	47.4	47.8	49.9	47.6	47.7	48.2	44.5	47.9	46.8	47.6	44.3	393	2,112	2,999	46.0	43.9	46.1	35.4
Avg	49.2		48.9	47.5	48.9	49.4	48.6	48.5	48.5	44.2	49.1	47.6	48.8	44.1	1,595	945	3,050	48.4	47.1	48.4	40.4
Tot cfs															49,433	29,309	94,540				
Tot af															98,050	58,134	187,520				

? = Average includes 1-9 estimated hourly readings

! = No Average (10-17 hours missing)

& = No Average (18 to 23 hours missing)

When available:

= Station out of service

ND = No hourly readings or incorrect

% = Data will be down loaded from site at later date by NCAO staff.

^ = Redding Air Temp Record High

* = Redding Air Temp Record Low

Control Point: Clear Creek 4/1/2015 to 4/17/2015 at 56.0 degrees; 4/18/2015 to 5/14/2015 at 58.0 degrees; 5/15/2015 to 6/4/2015 56.0; 6/5/2015 to 1/31/2016 58.0 degrees.