

8/10/2015

Temperature and Release Summary for Shasta and Trinity - July 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	Bsf	Jlf	Bnd	Rdb	Lws	Control Point 4/1 to 7/31	Ccr	Igo	Sac	Dgc	Shasta Generation El 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS
Jun	54.6		53.1	54.2	55.6	59.0	61.1	61.9	63.9	52.8	57.3	57.5	59.6	59.6	na	6,022	844	6,994	84.2	79.6	80.0	71.9
Jul																						
1	54.5	(2.6)	51.9	55.3	55.7	59.5	61.4	62.4	64.5	54.8	57.4	58.8	56.7	% 61.8	5,034	1,261	7,095	94.0	85.7	87.5	81.5	
2	54.7	(2.7)	52.0	55.4	? 55.9	59.6	61.6	62.5	64.7	55.3	57.6	59.0	57.0	% 62.7	5,391	1,542	7,105	92.5	85.8	86.2	84.0	
3	54.9	(2.6)	52.3	55.6	56.0	59.8	61.8	62.8	64.9	55.1	57.7	59.0	57.0	% 62.3	5,725	1,554	7,109	91.0	86.4	83.9	81.8	
4	54.4	(2.0)	52.4	55.9	55.9	59.9	61.9	62.9	65.0	54.9	57.8	59.4	57.0	% 62.3	6,339	821	7,109	91.0	85.1	85.0	79.9	
5	54.8	(2.0)	52.8	56.0	55.9	60.1	62.2	63.2	65.5	54.9	57.8	59.3	57.0	% 62.9	5,909	810	7,109	90.5	84.7	82.7	80.0	
6	55.2	(2.7)	52.5	56.2	55.9	60.0	61.9	62.9	65.3	54.9	57.7	59.3	57.0	% 62.5	5,945	1,172	7,110	85.5	80.0	78.0	76.1	
7	55.2	(2.7)	52.5	56.3	56.2	59.7	61.6	62.5	64.6	54.8	57.9	59.2	57.2	% 62.3	5,617	1,224	7,105	85.0	77.4	77.2	74.3	
8	53.6	(2.0)	51.6	56.4	56.3	59.7	61.5	62.2	64.0	54.8	57.9	59.0	57.2	% 62.7	5,863	490	7,107	83.5	75.0	74.5	70.6	
9	52.9	(1.7)	51.2	56.3	55.4	59.0	60.4	61.2	62.7	53.6	57.1	57.7	56.3	% 59.4	5,457	973	7,073	73.5	70.2	69.2	64.5	
10	54.0	(1.9)	52.1	56.6	54.2	58.4	60.1	60.9	62.6	54.2	56.1	58.5	55.3	% 58.4	5,768	968	7,065	76.0	71.6	69.7	67.8	
11	54.4	(1.6)	52.8	56.6	54.4	57.7	59.5	60.4	62.6	53.9	55.9	58.8	55.5	% 60.6	6,037	956	7,059	78.5	74.2	73.3	69.3	
12	54.0	(1.3)	52.7	56.8	55.1	58.1	60.0	60.8	62.5	53.7	56.5	58.4	55.9	% 59.8	6,229	849	7,116	79.0	75.8	75.0	68.5	
13	54.3	(1.6)	52.7	57.0	55.1	58.2	60.0	60.6	62.5	54.0	56.8	58.9	56.2	% 59.9	5,849	1,168	7,106	81.0	76.2	77.4	70.1	
14	54.7	(1.8)	52.9	57.0	55.5	58.6	60.6	61.3	63.1	54.7	57.2	59.4	56.6	nd	6,111	1,168	7,097	83.5	78.1	77.3	72.4	
15	53.5	(1.5)	52.0	57.1	55.9	59.0	61.2	62.0	63.9	55.1	57.5	59.5	57.0	nd	5,731	1,243	7,027	85.5	80.7	80.6	74.4	
16	53.4	(1.8)	51.6	57.2	55.8	59.5	61.8	62.7	64.7	55.2	57.9	59.5	57.1	nd	5,693	1,077	7,021	88.0	83.7	84.0	76.8	
17	53.6	(1.8)	51.8	57.3	55.1	59.4	61.7	62.8	65.2	55.0	57.2	59.7	56.5	nd	5,749	902	6,999	90.5	84.0	83.8	78.5	
18	53.9	(2.1)	51.8	57.4	55.1	59.1	61.2	62.2	64.6	54.9	56.8	59.6	56.2	nd	5,895	1,038	6,980	88.0	81.2	80.1	76.4	
19	53.3	(1.8)	51.5	57.6	55.2	58.7	60.8	61.7	63.9	54.9	56.9	59.4	56.3	nd	5,001	1,127	6,984	84.0	80.5	79.8	74.7	
20	53.9	(1.9)	52.0	57.6	55.4	59.1	61.2	62.1	64.2	54.9	57.2	59.8	56.6	nd	5,965	1,222	6,938	91.0	84.6	84.8	76.9	
21	53.1	(1.5)	51.6	57.8	55.0	59.2	61.5	62.5	64.8	55.0	57.0	59.9	56.3	nd	4,840	786	6,953	89.5	85.0	84.1	76.2	
22	53.0	(1.5)	51.5	57.8	55.4	59.3	61.4	62.5	64.8	55.1	57.1	58.5	56.6	nd	5,367	1,559	6,950	84.5	80.0	78.0	71.6	
23	53.5	(1.8)	51.7	57.9	55.0	58.8	60.6	61.5	63.6	55.1	56.7	58.1	56.1	60.4	5,693	1,451	6,950	76.5	72.5	71.9	67.8	
24	53.2	(1.8)	51.4	58.0	55.0	58.4	60.0	60.8	62.9	54.9	56.6	58.0	56.1	60.5	5,240	1,472	6,953	77.5	72.6	73.1	69.3	
25	53.4	(1.9)	51.5	58.1	55.0	58.5	60.1	60.8	62.6	54.4	56.7	58.0	56.2	60.7	5,240	1,479	6,951	79.0	73.9	74.7	70.6	
26	53.8	(2.0)	51.8	58.2	? 54.9	58.4	60.1	60.9	62.8	54.3	56.5	58.0	56.0	60.6	5,583	1,271	6,621	79.0	74.9	76.3	69.5	
27	53.8	(1.9)	51.9	58.4	55.2	58.6	60.4	61.2	63.0	54.5	56.9	58.5	56.4	60.1	5,559	1,330	6,836	85.5	82.2	83.5	68.8	
28	53.3	(1.0)	52.3	58.4	55.2	58.8	60.6	61.4	63.2	54.5	57.1	58.3	56.5	60.1	5,280	1,287	6,951	92.0	85.0	87.4	71.8	
29	54.4	(2.2)	52.2	58.5	55.1	58.9	60.8	61.6	63.6	54.4	57.1	58.5	56.4	60.6	6,057	1,013	6,952	93.5	83.7	86.3	75.5	
30	53.6	(1.8)	51.8	58.5	55.3	58.6	60.4	61.4	63.7	54.0	56.7	58.2	56.2	60.2	5,474	1,242	6,891	92.0	84.6	86.1	75.0	
31	53.3	(1.7)	51.6	58.6	55.1	59.0	60.4	61.2	62.9	54.5	56.8	58.4	56.2	60.4	5,438	1,294	6,890	88.5	82.4	82.3	78.0	
Avg	53.9		52.0	57.2	55.4	59.0	60.9	61.8	63.8	54.7	57.1	58.9	56.5	61.0	5,648	1,153	7,007	85.5	79.9	79.8	74.0	
Tot cfs															175,079	35,749	217,212					
Tot af															347,269	70,908	430,840					

? = Average includes 1-9 estimated hourly readings  
# = Station out of service

! = No Average (10-17 hours missing)  
ND = No hourly readings or incorrect

& = No Average (18 to 23 hours missing)  
% = Average calculated from data logger used at site by NCAO staff.

When available:  
^ = 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 7/31/2015 target 57.0 not to exceed 58.0 degrees.