

Temperature and Release Summary for Shasta and Trinity - September 2010

Day	Sacramento River Water Temperatures in Degrees F Collected from CDEC (California Data Exchange Center)													Mean Daily Release in CFS			Mean Daily Air Temp Degrees F			
	TCD Wt. Avg.	SHD minus TCD (Diff)	Shd	Spp	Kwk	Bsf	Control Point 5/25 to 9/30 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Aug Avg	50.4		49.3	59.3	51.5	54.2	55.3	56.2	57.9	52.2	52.3	58.3	8,928	1,088	10,139	78.8	74.4	74.8	ND	
Sep																				
1	50.2	(1.0)	? 49.2	60.7	51.7	54.7	55.6	56.6	58.2	51.5	52.7	58.3	7,395	1,094	8,634	85.5	79.5	82.1	ND	
2	50.1	(1.1)	? 49.0	59.9	51.6	54.9	55.9	57.0	58.9	51.6	52.8	59.0	7,380	1,083	8,448	84.5	78.5	79.0	ND	
3	50.3	(1.2)	? 49.1	59.8	51.8	54.6	55.6	56.7	58.6	51.6	52.8	58.6	7,003	1,087	8,417	82.5	76.5	79.2	ND	
4	50.1	(1.0)	? 49.1	59.8	51.8	54.6	55.6	56.6	58.4	51.6	52.7	58.3	7,237	1,085	8,450	80.0	74.7	75.3	ND	
5	50.1	(1.1)	? 49.0	58.9	51.9	54.7	55.5	56.5	58.1	51.4	52.9	57.8	7,036	1,083	8,189	76.5	72.9	76.3	ND	
6	50.2	(1.1)	? 49.1	59.9	51.6	54.5	55.2	56.2	57.9	51.8	52.7	57.5	7,232	1,089	8,037	79.5	76.9	78.4	ND	
7	50.2	(1.0)	? 49.2	59.0	51.4	54.3	55.0	56.0	57.5	51.7	52.3	57.5	7,054	1,086	8,127	72.5	68.8	70.9	ND	
8	50.3	(1.0)	? 49.3	58.8	51.4	54.0	54.6	55.8	57.1	51.2	52.0	56.9	7,426	624	8,135	64.5	62.9	63.6	ND	
9	50.4	(1.1)	? 49.3	58.7	50.6	53.5	54.2	55.0	56.4	51.4	51.7	56.4	8,105	401	8,064	65.5	62.8	63.7	ND	
10	50.3	(1.1)	? 49.2	59.0	51.0	53.3	54.0	55.0	56.6	51.6	51.5	57.0	7,858	435	8,176	71.0	65.4	67.8	ND	
11	50.6	(1.3)	? 49.3	58.3	50.8	53.7	54.4	55.3	56.5	51.9	51.8	56.9	7,802	47	8,133	71.5	66.3	68.7	ND	
12	50.6	(1.1)	? 49.5	59.7	50.7	53.3	54.1	55.1	56.7	51.9	51.5	57.1	7,281	47	7,931	73.0	68.2	71.0	ND	
13	50.7	(1.1)	? 49.6	59.6	51.0	53.4	54.1	55.1	56.6	52.3	51.6	57.3	7,103	1,126	7,601	72.5	67.5	70.1	ND	
14	50.7	(1.2)	? 49.5	59.9	51.7	54.2	54.9	55.5	56.7	53.2	52.5	57.0	6,482	891	7,548	71.5	67.0	68.8	ND	
15	50.9	(1.5)	? 49.4	59.7	52.0	54.2	55.5	55.9	57.2	52.1	52.7	56.5	6,267	1,073	7,419	70.5	66.1	68.8	ND	
16	50.5	(1.0)	? 49.5	59.3	52.1	54.6	56.0	56.4	57.7	51.4	53.0	56.5	5,836	1,077	7,254	74.0	69.2	72.2	ND	
17	49.8	(0.8)	? 49.0	59.0	52.1	54.6	55.9	56.5	57.9	51.3	52.8	56.2	5,999	1,123	7,029	70.0	67.3	68.8	ND	
18	49.8	(1.2)	? 48.6	58.8	51.8	54.9	56.2	56.6	58.0	51.0	53.2	56.7	5,538	1,127	6,856	72.5	68.6	68.7	ND	
19	49.8	(0.9)	? 48.9	58.7	51.3	54.1	55.6	56.5	58.2	50.9	52.0	56.1	5,740	1,123	6,756	64.5	64.2	64.3	ND	
20	50.3	(1.7)	? 48.6	58.7	51.1	53.8	54.9	55.2	56.5	50.6	52.1	56.4	5,994	1,096	6,714	69.0	64.0	66.4	ND	
21	49.5	(0.6)	? 48.9	58.6	51.2	53.6	55.0	55.5	56.8	50.5	51.8	56.0	5,890	1,118	6,707	65.5	61.8	64.0	ND	
22	49.8	(0.8)	? 49.0	58.6	51.2	53.7	55.0	55.2	56.6	50.7	52.1	56.2	4,860	1,108	6,586	65.5	62.0	63.6	ND	
23	50.3	(1.5)	? 48.8	58.9	51.6	54.0	55.2	55.2	57.0	50.4	52.6	56.3	5,628	1,122	6,747	67.5	62.8	65.4	ND	
24	50.0	(1.2)	? 48.8	58.4	51.5	54.2	55.4	55.3	57.1	50.5	52.9	56.5	5,447	1,109	6,647	72.0	65.3	68.5	ND	
25	50.0	(1.0)	? 49.0	58.7	51.6	54.1	55.3	55.3	57.2	50.6	52.9	56.5	5,493	1,100	6,653	72.5	65.7	70.0	ND	
26	50.2	(1.1)	? 49.1	59.4	51.6	54.2	55.4	55.3	57.2	50.7	53.0	56.8	5,324	1,099	6,582	78.0	67.4	73.6	ND	
27	50.1	(1.0)	? 49.1	58.7	51.5	54.3	55.5	55.5	57.3	50.7	53.0	57.3	5,417	1,102	6,641	77.0	68.7	74.5	ND	
28	50.4	(0.5)	? 49.9	59.6	51.8	54.3	55.5	55.5	57.5	50.5	53.2	57.4	5,701	1,106	6,598	78.5	69.1	75.1	ND	
29	50.2	(0.9)	? 49.3	60.6	51.8	54.6	55.8	55.8	57.6	50.5	53.3	57.8	5,567	1,083	6,616	81.0	71.4	77.8	ND	
30	50.2	(0.8)	? 49.4	59.1	51.8	54.6	55.8	55.9	57.8	50.7	53.3	ND	6,172	1,160	6,617	77.5	70.3	73.8	ND	
Avg	50.2		49.2	59.2	51.5	54.2	55.2	55.8	57.4	51.3	52.5		6,442	963	7,410	73.5	68.4	71.0	ND	
Tot cfs													193,267	28,904	222,312					
Tot af													383,345	57,331	440,956					

= Station out of service ^ - estimated (7 hours or less) ? = Avg. includes estimated data
 ! = 17 hours or less of readings & = 18 to 23 hours of reading ND = No hourly readings or incorrect

Control Point: Jellys Ferry 5/25/2010 to 9/30/2010.