

Temperature and Release Summary for Shasta and Trinity - August 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 8/31 Jlf	Bnd	Rdb	Lws	Ccr	Igo	Shasta Generation EI 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Jul Avg	50.3		49.2	55.7	50.8	53.9	55.5	56.1	57.8	51.7	51.8	58.4	10,820	1,075	12,218	83.7	79.5	79.1	ND	
Aug																				
1	51.0	(51.0)	ND	57.2	51.4	53.8	55.0	55.7	57.2	52.0	52.0	57.9	11,161	1,017	12,235	79.0	75.8	76.4	ND	
2	50.8	(50.8)	ND	58.8	51.4	53.9	55.1	55.8	57.4	52.2	52.1	58.1	10,318	1,088	12,309	80.5	75.7	75.9	ND	
3	51.1	(1.2)	49.9	58.8	51.4	53.9	55.1	55.9	57.3	52.2	52.1	58.1	11,591	1,073	12,528	81.5	76.8	77.1	ND	
4	51.0	(1.1)	49.9	59.0	51.6	53.9	55.2	56.0	57.3	52.2	52.3	58.3	11,186	1,091	12,038	81.5	76.7	77.4	ND	
5	51.0	(1.1)	49.9	59.1	51.7	54.0	55.4	56.2	57.6	52.4	52.5	58.6	10,722	1,087	11,983	81.0	76.1	75.2	ND	
6	51.1	(1.1)	50.0	59.3	51.7	54.0	55.5	56.2	57.7	52.4	52.5	58.9	10,370	1,083	11,794	82.0	76.8	76.0	ND	
7	51.2	(1.2)	50.0	58.8	51.9	54.1	55.7	56.5	58.0	52.3	52.7	59.0	10,407	1,084	11,355	82.5	78.2	78.3	ND	
8	51.1	(1.1)	50.0	58.1	51.9	54.3	56.0	56.8	58.4	52.3	52.8	59.2	9,643	1,074	10,918	80.5	76.6	75.3	ND	
9	51.3	(1.1)	? 50.2	57.9	52.1	54.4	56.0	56.9	58.5	52.6	52.8	59.3	9,915	1,093	11,111	79.0	74.5	73.7	ND	
10	50.8	(1.1)	49.7	58.7	52.2	54.7	55.5	56.4	58.1	52.4	52.7	58.3	9,780	1,085	10,840	77.0	72.7	74.1	ND	
11	50.8	(1.3)	49.5	58.2	51.6	54.3	55.3	56.3	57.7	52.1	52.5	58.2	9,615	1,057	10,567	74.0	70.4	69.9	ND	
12	50.7	(1.1)	49.6	58.3	51.7	54.2	55.3	56.2	57.8	52.2	52.5	58.5	9,001	1,088	10,366	78.5	75.7	75.7	ND	
13	50.8	(1.3)	49.5	58.3	51.6	54.3	55.5	56.5	58.1	52.4	52.5	58.6	9,217	1,087	10,225	79.5	75.4	75.5	ND	
14	50.8	(1.2)	49.6	58.4	51.8	54.4	55.7	56.7	58.2	52.5	52.7	58.9	8,630	1,090	9,944	79.5	75.7	74.8	ND	
15	51.1	(1.5)	49.6	59.7	52.0	54.6	56.0	57.0	58.8	52.7	52.9	59.4	8,423	1,102	9,835	82.0	77.5	76.6	ND	
16	50.4	(1.2)	49.2	59.9	52.0	54.8	56.1	57.1	58.7	52.7	53.0	59.1	8,162	1,129	9,975	84.0	78.0	77.7	ND	
17	50.1	(1.2)	48.9	60.5	? 51.6	55.2	56.2	57.2	59.3	52.7	52.8	59.3	9,043	1,102	10,028	81.0	76.2	76.1	ND	
18	49.7	(1.1)	48.6	59.4	51.1	53.9	54.8	56.0	58.5	52.4	51.9	58.1	8,541	1,159	9,837	75.0	70.9	70.3	ND	
19	50.0	(1.4)	48.6	59.8	? 51.0	53.7	54.5	55.5	57.9	52.2	51.9	57.7	8,039	1,159	9,569	78.0	73.2	74.5	ND	
20	49.6	(0.7)	48.9	60.4	51.1	54.0	54.9	55.9	58.1	52.0	52.0	58.3	8,217	1,095	9,355	77.5	73.9	75.3	ND	
21	49.5	(0.9)	48.6	59.0	51.1	54.2	55.0	56.0	58.1	51.8	52.1	58.2	7,931	1,083	9,249	72.5	69.9	70.7	ND	
22	49.4	(0.9)	48.5	59.1	51.2	54.0	54.8	55.9	58.0	51.9	52.0	58.0	6,966	1,083	9,215	75.0	71.9	71.6	ND	
23	49.7	(0.9)	? 48.8	61.7	51.3	54.3	55.1	56.1	58.1	52.1	52.4	58.2	8,621	1,094	9,287	87.0	79.6	81.9	ND	
24	49.6	(0.9)	? 48.7	60.1	51.1	54.1	55.1	56.2	58.3	52.1	52.0	58.4	8,073	1,073	8,993	84.5	78.5	81.2	ND	
25	49.9	(1.1)	? 48.8	60.1	51.2	54.3	55.2	56.2	58.1	52.1	52.2	58.7	7,680	1,090	9,097	86.0	80.9	84.3	ND	
26	50.0	(1.0)	? 49.0	61.5	51.3	54.5	55.5	56.6	58.6	52.0	52.3	59.0	7,859	1,024	8,936	84.5	78.6	78.7	ND	
27	49.9	(1.0)	? 48.9	60.3	51.5	54.6	55.6	56.6	58.5	52.1	52.6	58.8	7,995	1,082	8,700	82.0	74.6	73.5	ND	
28	49.9	(1.1)	? 48.8	59.2	51.5	53.6	54.4	55.6	57.4	51.7	51.7	56.9	7,328	1,089	8,487	66.5	63.6	64.1	ND	
29	49.9	(1.1)	48.8	59.2	51.1	53.8	54.3	55.1	56.2	51.9	51.9	56.9	7,384	1,087	8,615	70.5	67.5	68.1	ND	
30	50.1	(1.1)	? 49.0	59.3	51.2	53.8	54.5	55.4	56.8	51.1	51.8	56.7	7,492	1,084	8,589	66.0	65.5	66.1	ND	
31	50.1	(1.0)	? 49.1	60.4	51.4	53.8	54.5	55.5	57.1	51.5	52.2	57.2	7,463	1,088	8,321	76.0	70.0	73.5	ND	
Avg Tot cfs Tot af	50.4		49.3	59.3	51.5	54.2	55.3	56.2	57.9	52.2	52.3	58.3	8,928 276,773 548,979	1,088 33,720 66,884	10,139 314,301 623,416	78.8	74.4	74.8	#DIV/0!	

= 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 8/31/2010.