

## Temperature and Release Summary for Shasta and Trinity - October 2014

(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 10/31 Ccr	Igo	Dgc	Nfh	Shasta Generation El 815	Spring Crk Powerplant Release	Keswick Total Release	RDD	BSF	RDB	LWS	
Sep	58.5		57.1	57.9	57.4	59.7	60.7	61.1	62.4	53.8	58.5	58.4	56.1	NA	6,061	1,742	7,665	80.6	76.2	76.6	73.3	
Oct																						
1	*	NA	60.1	57.6	60.3	61.4	62.0	62.0	63.0	53.5	61.1	57.7	55.2	57.9	1,560	545	4,500	73.5	69.3	70.7	57.8	
2	61.7	(1.2)	60.5	57.6	60.1	61.3	61.9	61.9	62.7	53.2	61.1	57.8	54.8	57.0	1,679	510	4,647	73.0	63.6	68.4	58.5	
3	64.5	(3.1)	61.4	57.6	60.4	61.5	62.1	62.1	63.1	52.1	61.3	58.1	54.9	57.2	1,082	654	4,409	72.5	65.7	69.3	60.6	
4	62.6	(1.6)	61.0	57.6	60.7	61.8	62.6	62.6	63.5	51.8	61.7	58.3	54.5	57.5	1,059	689	4,403	73.5	66.5	69.8	61.8	
5	62.8	(1.6)	61.2	57.7	61.2	62.2	63.0	63.1	64.0	51.7	62.1	58.3	54.2	57.1	1,426	646	4,395	77.0	68.5	71.9	61.9	
6	63.1	(1.7)	61.4	57.7	61.2	62.5	63.4	63.5	64.4	51.8	62.2	58.2	54.0	56.9	1,647	704	4,504	73.0	67.1	70.5	61.8	
7	60.2	0.9	61.1	57.7	61.3	62.5	63.3	63.4	64.5	51.7	62.3	58.1	54.1	56.7	1,511	849	4,462	74.0	66.9	70.8	61.1	
8	60.5	0.5	61.0	57.8	61.6	62.3	63.1	63.1	64.2	51.6	62.3	58.0	53.8	56.5	2,679	761	4,542	73.5	65.8	71.2	60.2	
9	60.2	0.2	60.4	57.9	61.2	62.3	63.1	63.2	63.9	51.6	62.3	58.2	53.7	56.3	3,874	660	4,490	71.5	64.5	68.7	59.0	
10	60.8	0.6	61.4	57.8	60.8	62.0	62.8	63.0	63.8	51.7	61.9	57.9	53.5	56.0	4,003	676	4,512	73.0	65.1	68.7	59.0	
11	62.1	(0.1)	62.0	57.7	60.5	61.9	62.7	63.0	63.7	51.4	61.6	58.3	53.9	56.3	3,435	1,266	4,545	73.0	67.5	69.5	59.4	
12	61.7	0.8	62.5	57.8	60.5	61.7	62.0	62.2	62.8	51.1	61.2	57.9	53.6	56.4	3,015	1,240	4,535	73.0	71.7	74.2	57.0	
13	61.3	(0.2)	61.1	57.8	60.6	61.2	61.3	61.4	62.0	50.8	61.2	57.3	52.5	55.0	3,726	1,056	4,536	66.5	61.9	66.8	55.8	
14	61.9	(0.3)	61.6	57.7	60.6	61.0	60.8	61.0	61.1	50.5	60.6	56.9	52.3	54.0	3,496	997	4,544	62.5	59.7	61.3	53.6	
15	61.1	0.4	61.5	57.8	60.4	60.8	60.8	60.9	60.9	50.8	60.9	57.9	52.8	54.6	4,156	585	4,521	63.5	62.5	62.9	54.2	
16	61.7	0.0	61.7	57.8	60.7	61.0	61.5	61.4	61.7	50.6	61.3	57.9	53.1	55.7	3,146	1,185	4,545	64.5	60.2	61.9	54.8	
17	61.4	(0.2)	61.2	57.8	60.5	61.3	61.6	61.7	62.0	51.1	60.9	57.4	52.7	55.1	3,618	1,106	4,533	63.5	60.2	60.6	54.5	
18	61.8	(0.2)	61.6	57.8	60.6	61.3	62.0	62.1	62.5	52.4	61.4	58.3	54.0	56.9	3,358	1,154	4,538	69.5	65.1	66.9	60.0	
19	61.9	(0.1)	61.8	57.8	60.8	61.5	62.0	62.1	62.7	53.0	61.3	57.8	54.9	56.8	3,309	1,012	4,533	65.5	61.2	64.8	56.9	
20	60.6	(0.7)	59.9	57.8	60.6	61.5	61.2	61.4	61.8	54.3	60.7	57.4	54.8	56.8	2,894	1,570	4,535	58.5	57.7	61.5	52.9	
21	60.6	(0.7)	59.9	57.8	60.2	61.0	60.2	60.2	60.4	55.8	60.3	56.6	54.1	55.6	2,876	1,620	4,528	57.0	54.2	56.7	49.6	
22	61.5	1.1	62.6	57.9	59.6	60.7	59.8	59.8	59.9	55.5	59.7	56.7	54.2	54.0	3,540	1,662	4,528	57.5	55.0	57.3	50.5	
23	61.9	(0.2)	61.7	58.0	59.5	60.5	59.6	59.6	59.6	55.0	59.4	57.4	54.7	53.9	4,896	1,235	4,540	57.5	56.6	57.4	52.6	
24	61.3	1.3	62.6	58.0	60.1	60.4	60.3	60.2	60.1	55.5	60.5	58.0	55.3	54.2	2,343	2,019	4,527	64.0	60.0	62.5	55.7	
25	60.9	1.1	62.0	58.0	60.0	60.4	60.8	60.9	60.9	54.2	60.2	57.5	55.6	54.9	2,453	2,068	4,504	60.5	61.2	62.1	53.4	
26	61.1	0.0	61.1	58.3	60.1	59.7	58.8	58.9	59.6	52.0	60.1	56.7	53.1	53.0	4,158	1,018	4,420	55.5	53.6	57.2	47.7	
27	61.0	0.5	61.5	58.2	60.0	60.0	59.4	59.2	59.0	51.5	59.9	56.6	52.5	52.5	4,106	476	4,449	60.5	54.6	56.3	47.5	
28	61.6	(0.2)	61.4	58.4	60.2	60.0	59.4	59.3	59.2	51.0	60.2	56.9	52.1	52.8	4,414	178	4,450	59.0	54.4	57.5	51.0	
29	61.1	1.7	62.8	58.2	60.2	60.2	60.6	60.5	60.4	51.1	60.8	57.7	53.5	54.6	2,666	1,439	4,443	65.5	60.4	63.2	56.0	
30	61.3	0.9	62.2	58.1	60.0	60.5	60.8	60.9	61.2	51.1	60.4	57.7	53.6	55.3	2,337	2,111	4,449	62.0	58.2	62.1	56.5	
31	61.4	(0.3)	61.1	57.9	59.9	60.6	59.9	59.9	60.1	50.9	59.7	57.4	53.4	54.9	4,519	718	4,503	56.0	54.9	56.5	51.5	
Avg Tot cfs Tot af	61.5		61.4	57.9	60.5	61.2	61.4	61.4	61.9	52.3	61.0	57.6	53.9	55.6	2,999 92,981 184,428	1,045 32,409 64,283	4,502 139,570 276,837	66.1	61.7	64.5	55.9	

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

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 10/31/2014 56.0.

\* Equipment upgrade took place on October 1, 2014. 7 hours of temperature data is unavailable therefore no weighted average was calculated.