

9/4/2014

Temperature and Release Summary for Shasta and Trinity - August 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 8/31 Ccr | Igo | Shasta Generation El 815 | Spring Crk Powerplant Release | Keswick Total Release | RDD | BSF | RDB | LWS |
| Jul | 52.9 | | 50.9 | 56.9 | 54.2 | 57.0 | 58.7 | 59.3 | 62.4 | 52.3 | 55.6 | 58.3 | 6,736 | 2,537 | 9,203 | 84.3 | 80.1 | 79.9 | 77.1 |
| Aug | | | | | | | | | | | | | | | | | | | |
| 1 | 53.2 | (1.4) | 51.8 | 57.0 | 54.4 | 57.6 | 59.1 | 59.8 | 63.0 | 52.6 | 55.8 | 58.6 | 7,207 | 1,982 | 8,563 | 88.0 | 83.7 | 84.8 | 76.9 |
| 2 | 53.4 | (0.5) | 52.9 | 57.0 | 54.5 | 57.4 | 58.9 | 59.6 | 62.4 | 52.5 | 55.8 | 58.6 | 6,374 | 2,609 | 8,630 | 86.0 | 81.8 | 83.0 | 77.3 |
| 3 | 53.8 | (1.6) | 52.2 | 57.0 | 54.6 | 57.4 | 58.9 | 59.4 | 61.9 | 52.3 | 56.0 | 58.4 | 6,479 | 2,378 | 8,638 | 80.0 | 75.8 | 76.2 | 75.9 |
| 4 | 53.9 | (1.5) | 52.4 | 57.0 | 54.6 | 57.3 | 58.1 | 58.7 | 61.1 | 52.3 | 55.6 | 57.9 | 7,530 | 1,830 | 8,581 | 78.0 | 74.1 | 73.4 | 74.7 |
| 5 | 54.1 | (1.8) | 52.3 | 57.0 | 54.5 | 56.5 | 56.9 | 57.4 | 58.9 | 51.9 | 55.2 | 57.3 | 6,086 | 2,357 | 8,640 | 71.5 | 69.4 | 70.8 | 69.4 |
| 6 | 54.8 | (1.8) | 53.0 | 57.2 | 54.4 | 56.7 | 58.0 | 58.1 | 58.8 | 52.4 | 55.8 | 58.6 | 7,684 | 1,467 | 8,424 | 79.5 | 75.2 | 73.9 | 75.9 |
| 7 | 54.5 | (1.5) | 53.0 | 57.1 | 54.9 | 57.2 | 58.8 | 59.3 | 61.8 | 52.1 | 56.2 | 58.9 | 7,513 | 1,082 | 8,407 | 85.0 | 81.2 | 79.8 | 76.5 |
| 8 | 53.6 | (1.2) | 52.4 | 57.1 | 55.3 | 57.7 | 59.6 | 60.2 | 62.7 | 52.3 | 56.5 | 58.9 | 6,211 | 2,242 | 8,149 | 85.0 | 81.4 | 80.2 | 75.5 |
| 9 | 52.6 | (1.2) | 51.4 | 57.1 | 55.1 | 58.0 | 59.9 | 60.6 | 63.0 | 52.8 | 56.8 | 58.9 | 6,080 | 2,419 | 7,979 | 84.5 | 79.3 | 78.2 | 75.6 |
| 10 | 53.0 | (1.3) | 51.7 | 57.1 | 54.4 | 57.9 | 59.4 | 60.2 | 62.9 | 52.8 | 55.9 | 58.6 | 5,768 | 2,282 | 7,987 | 82.0 | 78.0 | 76.4 | 75.5 |
| 11 | 53.6 | (0.9) | 52.7 | 57.1 | 54.5 | 57.6 | 58.5 | 59.3 | 62.1 | 52.8 | 55.7 | 58.5 | 5,620 | 2,432 | 8,047 | 82.0 | 78.2 | 78.1 | 76.5 |
| 12 | 53.1 | (0.9) | 52.2 | 57.1 | 54.8 | 57.5 | 58.5 | 59.1 | 60.9 | 52.5 | 55.8 | 58.0 | 5,277 | 2,562 | 7,767 | 77.0 | 73.8 | 74.3 | 71.8 |
| 13 | 53.5 | (1.5) | 52.0 | 57.1 | 54.7 | 57.8 | 58.9 | 59.4 | 61.0 | 52.8 | 56.1 | 58.4 | 5,567 | 2,265 | 7,570 | 75.5 | 71.3 | 71.7 | 69.2 |
| 14 | 53.1 | (1.1) | 52.0 | 57.1 | 54.8 | 58.0 | 59.2 | 59.9 | 61.6 | 53.2 | 56.3 | 58.6 | 5,259 | 2,034 | 7,570 | 79.0 | 74.9 | 76.2 | 69.8 |
| 15 | 53.7 | (1.2) | 52.5 | 57.1 | 54.8 | 58.2 | 59.3 | 60.0 | 61.8 | 53.2 | 56.3 | 58.4 | 5,773 | 2,224 | 7,351 | 80.5 | 75.8 | 77.5 | 72.7 |
| 16 | 53.6 | (1.0) | 52.6 | 57.1 | 54.9 | 58.1 | 59.2 | 60.0 | 61.8 | 53.2 | 56.3 | 58.6 | 5,331 | 2,301 | 7,381 | 82.5 | 77.0 | 78.8 | 73.8 |
| 17 | 53.8 | (1.3) | 52.5 | 57.1 | 55.3 | 58.5 | 59.5 | 60.0 | 61.7 | 53.4 | 56.7 | 58.4 | 5,251 | 2,207 | 7,380 | 80.5 | 75.8 | 77.7 | 73.6 |
| 18 | 53.3 | 0.1 | 53.4 | 57.1 | 55.3 | 58.3 | 59.4 | 60.1 | 61.8 | 53.4 | 56.6 | 58.3 | 5,064 | 2,557 | 7,382 | 80.0 | 74.8 | 75.4 | 73.5 |
| 19 | 53.4 | (1.0) | 52.4 | 57.1 | 55.1 | 58.4 | 59.6 | 60.2 | 61.8 | 53.1 | 56.7 | 58.4 | 5,161 | 2,119 | 7,126 | 79.5 | 74.6 | 74.3 | 73.2 |
| 20 | 53.6 | (0.8) | 52.8 | 57.1 | 54.8 | 58.4 | 59.7 | 60.5 | 62.3 | 53.3 | 56.4 | 58.8 | 5,440 | 1,933 | 7,117 | 77.5 | 73.4 | 72.8 | 73.2 |
| 21 | 53.1 | (0.5) | 52.6 | 57.1 | 55.0 | 58.3 | 59.5 | 60.2 | 62.2 | 53.4 | 56.5 | 58.9 | 5,340 | 2,264 | 7,143 | 79.5 | 75.1 | 75.0 | 73.2 |
| 22 | 53.2 | (0.3) | 52.9 | 57.1 | 54.9 | 58.5 | 59.8 | 60.5 | 62.2 | 53.4 | 56.5 | 58.7 | 5,415 | 1,813 | 7,177 | 77.5 | 74.8 | 74.7 | 70.0 |
| 23 | 53.4 | (0.4) | 53.0 | 57.1 | 55.2 | 58.5 | 59.5 | 60.2 | 62.0 | 52.6 | 56.6 | 58.7 | 5,097 | 2,116 | 7,205 | 80.5 | 77.0 | 78.5 | 72.0 |
| 24 | 53.8 | (0.4) | 53.4 | 57.1 | 54.8 | 58.4 | 59.5 | 60.1 | 61.8 | 52.5 | 56.4 | 58.5 | 6,171 | 1,424 | 7,216 | 82.0 | 74.7 | 75.2 | 71.8 |
| 25 | 54.0 | (0.3) | 53.7 | 57.2 | 55.0 | 58.4 | 59.3 | 60.0 | 61.8 | 52.3 | 56.3 | 58.6 | 5,669 | 1,318 | 7,201 | 78.5 | 73.7 | 73.5 | 70.4 |
| 26 | 53.3 | (0.2) | 53.1 | 57.3 | 55.2 | 58.3 | 59.3 | 59.9 | 61.5 | 52.7 | 56.5 | 58.5 | 6,452 | 853 | 7,414 | 79.5 | 75.6 | 75.0 | 71.9 |
| 27 | 53.0 | (0.4) | 52.6 | 57.3 | 54.8 | 58.5 | 59.7 | 60.4 | 62.0 | 52.6 | 56.6 | 58.9 | 6,414 | 533 | 7,363 | 81.5 | 77.9 | 77.8 | 74.7 |
| 28 | 53.3 | (0.5) | 52.8 | 58.0 | 54.1 | 58.4 | 59.2 | 60.1 | 62.1 | 52.6 | 55.7 | 59.0 | 7,041 | 18 | 7,089 | 83.0 | 78.6 | 79.9 | 75.5 |
| 29 | 53.5 | (0.4) | 53.1 | 57.3 | 54.1 | 58.0 | 58.4 | 59.2 | 60.9 | 53.1 | 55.4 | 58.8 | 6,297 | 328 | 7,249 | 82.0 | 75.5 | 75.7 | 73.2 |
| 30 | 53.7 | (0.4) | 53.3 | 58.1 | 54.5 | 57.8 | 58.4 | 59.0 | 60.4 | 53.4 | 55.6 | 58.6 | 6,530 | 36 | 6,970 | 79.0 | 75.0 | 77.0 | 69.6 |
| 31 | 53.9 | (0.4) | 53.5 | 57.9 | 54.5 | 58.0 | 58.9 | 59.5 | 60.8 | 53.6 | 55.9 | 58.9 | 6,781 | 14 | 6,903 | 81.5 | 75.5 | 78.0 | 69.9 |
| Avg | 53.5 | | 52.7 | 57.2 | 54.8 | 57.9 | 59.1 | 59.7 | 61.6 | 52.8 | 56.1 | 58.6 | 6,061 | 1,742 | 7,665 | 80.6 | 76.2 | 76.6 | 73.3 |
| Tot cfs | | | | | | | | | | | | | 187,882 | 53,999 | 237,619 | | | | |
| Tot af | | | | | | | | | | | | | 372,664 | 107,107 | 471,317 | | | | |

= 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 8/31/2014 56.0.