

Temperature and Release Summary for Shasta and Trinity - July 2010

| Day                      | Sacramento River Water Temperatures in Degrees F<br>Collected from CDEC (California Data Exchange Center) |                            |      |       |      |      |                                    |      |      |      |      |      |       | Mean Daily Release<br>in CFS   |                                     |                              | Mean Daily Air Temp<br>Degrees F |      |      |         |
|--------------------------|---|----------------------------|------|-------|------|------|------------------------------------|------|------|------|------|------|-------|--------------------------------|-------------------------------------|------------------------------|----------------------------------|------|------|---------|
|                          | TCD<br>Wt.<br>Avg.  | SHD minus<br>TCD<br>(Diff) | Shd  | Spp   | Kwk  | Bsf  | Control<br>Point<br>5/25 to<br>Jlf | Bnd  | Rdb  | Lws  | Ccr  | Igo  |       | Shasta<br>Generation<br>EI 815 | Spring Crk<br>Powerplant<br>Release | Keswick<br>Total<br>Release  | RDD                              | BSF  | RDB  | LWS     |
| June Avg                 | 49.8  |                            | 48.8 | 53.1  | 50.2 | 53.5 | 55.4                               | 55.5 | 57.2 | 49.9 | 51.4 | 56.4 | ####  | 10,766                         | 529                                 | 11,807                       | 76.3                             | 72.6 | 74.0 | ND      |
| July                     |   |                            |      |       |      |      |                                    |      |      |      |      |      |       |                                |                                     |                              |                                  |      |      |         |
| 1                        |   | 48.7                       | 48.7 |       | 50.4 | 53.5 | 55.3                               | 55.8 | 57.5 | 50.3 | 51.4 | 60.0 |       | 10,361                         | 1,121                               | 11,886                       | 76.0                             | 73.5 | 74.1 | ND      |
| 2                        |   | 48.8                       | 48.8 |       | 50.4 | 53.6 | 55.4                               | 55.8 | 57.3 | 50.4 | 51.5 | 67.6 |       | 10,456                         | 1,124                               | 11,801                       | 76.5                             | 75.3 | 76.7 | ND      |
| 3                        |   | 48.8                       | 48.8 |       | 50.4 | 53.6 | 55.2                               | 55.7 | 57.0 | 50.6 | 51.5 | 57.2 |       | 10,194                         | 1,118                               | 11,892                       | 79.5                             | 78.3 | 79.0 | ND      |
| 4                        |   | 48.7                       | 48.7 |       | NR   | 53.8 | 55.4                               | 55.9 | 57.2 | 50.3 | 51.6 | 57.5 |       | 10,069                         | 1,103                               | 11,877                       | 85.5                             | 81.1 | 82.5 | ND      |
| 5                        |   | 48.9                       | 48.9 |       | 50.4 | 53.8 | 55.6                               | 56.1 | 57.6 | 50.3 | 51.6 | 59.4 |       | 10,395                         | 1,103                               | 11,792                       | 85.5                             | 80.1 | 79.8 | ND      |
| 6                        |   | 48.9                       | 48.9 |       | 50.6 | 53.9 | 55.7                               | 56.2 | 57.8 | 50.6 | 51.8 | 58.5 |       | 10,202                         | 1,098                               | 11,572                       | 82.5                             | 80.0 | 78.9 | ND      |
| 7                        |   | 49.0                       | 49.0 |       | 50.6 | 54.0 | 56.0                               | 56.5 | 58.2 | 50.8 | 51.8 | 57.7 |       | 10,658                         | 868                                 | 11,864                       | 83.5                             | 78.2 | 77.3 | ND      |
| 8                        |   | 49.0                       | 49.0 |       | 50.6 | 53.9 | 55.7                               | 56.2 | 58.0 | 50.9 | 51.8 | 57.6 |       | 10,582                         | 1,098                               | 12,275                       | 87.5                             | 79.4 | 77.7 | ND      |
| 9                        |   | 49.0                       | 49.0 |       | 50.7 | 54.1 | 56.0                               | 56.5 | 58.1 | 51.2 | 52.0 | 58.1 |       | 11,487                         | 1,099                               | 12,391                       | 85.5                             | 79.4 | 78.2 | ND      |
| 10                       |   | 49.0                       | 49.0 |       | 50.7 | 54.1 | 56.0                               | 56.6 | 58.3 | 51.4 | 51.9 | 58.2 |       | 10,605                         | 1,099                               | 12,446                       | 85.5                             | 81.0 | 80.2 | ND      |
| 11                       |   | 49.2                       | 49.2 |       | 50.8 | 53.9 | 55.6                               | 56.1 | 57.9 | 51.9 | 51.8 | 57.9 |       | 10,842                         | 1,083                               | 12,446                       | 86.5                             | 82.0 | 82.9 | ND      |
| 12                       |   | 49.1                       | 49.1 |       | 50.9 | 54.1 | 55.9                               | 56.4 | 58.0 | 52.1 | 52.0 | 57.9 |       | 11,133                         | 1,097                               | 12,356                       | 83.5                             | 79.3 | 79.0 | ND      |
| 13                       |   | 49.2                       | 49.2 |       | 50.9 | 54.1 | 55.9                               | 56.4 | 58.2 | 52.2 | 52.0 | 57.9 |       | 10,829                         | 1,068                               | 12,400                       | 79.5                             | 76.3 | 75.5 | ND      |
| 14                       |   | 49.2                       | 49.2 |       | 50.9 | 54.0 | 55.7                               | 56.3 | 57.9 | 52.5 | 52.0 | 58.1 |       | 11,328                         | 962                                 | 12,204                       | 84.0                             | 80.2 | 79.3 | ND      |
| 15                       |   | 49.1                       | 49.1 |       | 50.8 | 53.9 | 55.7                               | 56.2 | 57.8 | 52.2 | 51.9 | 58.1 |       | 10,758                         | 1,099                               | 12,311                       | 88.0                             | 83.6 | 84.1 | ND      |
| 16                       |   | 49.2                       | 49.2 |       | 50.8 | 53.9 | 55.8                               | 56.3 | 57.9 | 52.2 | 51.8 | 58.4 |       | 11,157                         | 1,077                               | 12,293                       | 91.0                             | 86.9 | 86.0 | ND      |
| 17                       |   | 49.1                       | 49.1 |       | 50.9 | 54.1 | 56.0                               | 56.6 | 58.2 | 52.2 | 51.8 | 58.4 |       | 10,910                         | 962                                 | 12,323                       | 89.5                             | 84.8 | 84.4 | ND      |
| 18                       |   | 49.1                       | 49.1 |       | 50.9 | 54.0 | 55.8                               | 56.4 | 58.2 | 52.3 | 51.6 | 58.0 |       | 11,061                         | 1,101                               | 12,534                       | 87.5                             | 85.2 | 84.4 | ND      |
| 19                       |   | 49.1                       | 49.1 |       | 50.8 | 53.9 | 55.5                               | 56.1 | 57.7 | 52.3 | 51.6 | 57.8 |       | 11,116                         | 1,104                               | 12,408                       |                                  | 84.7 | 84.7 | ND      |
| 20                       |   | 49.1                       | 49.1 |       | 50.7 | 53.7 | 55.5                               | 56.1 | 57.8 | 52.3 | 51.6 | 57.9 |       | 10,939                         | 1,032                               | 12,409                       |                                  | 81.2 | 80.9 | ND      |
| 21                       |   | 49.2                       | 49.2 |       | 50.9 | 53.8 | 55.4                               | 56.1 | 57.9 | 52.2 | 51.7 | 57.6 |       | 11,050                         | 1,093                               | 12,382                       |                                  | 78.0 | 76.8 | ND      |
| 22                       |   | 49.3                       | 49.3 |       | 50.9 | 53.7 | 55.2                               | 56.0 | 57.7 | 52.2 | 51.7 | 57.8 |       | 10,983                         | 1,033                               | 12,389                       |                                  | 79.4 | 78.0 | ND      |
| 23                       |   | 49.3                       | 49.3 |       | 50.9 | 53.9 | 55.4                               | 56.1 | 57.9 | 52.3 | 51.8 | 58.3 |       | 10,616                         | 1,079                               | 12,376                       |                                  | 81.2 | 80.2 | ND      |
| 24                       |   | 49.4                       | 49.4 |       | 50.9 | 53.8 | 55.3                               | 56.0 | 57.8 | 52.2 | 51.8 | 58.2 |       | 10,840                         | 987                                 | 12,215                       |                                  | 82.8 | 82.8 | ND      |
| 25                       |   | 49.4                       | 49.4 |       | 51.1 | 53.9 | 55.4                               | 56.2 | 57.9 | 52.4 | 51.9 | 58.4 |       | 10,988                         | 1,038                               | 12,173                       |                                  | 81.1 | 81.4 | ND      |
| 26                       |   | 49.5                       | 49.5 |       | 51.1 | 54.0 | 55.5                               | 56.3 | 58.1 | 52.6 | 52.0 | 58.4 |       | 10,974                         | 1,105                               | 12,153                       |                                  | 78.1 | 76.4 | ND      |
| 27                       |   | 49.5                       | 49.5 |       | 51.2 | 54.1 | 55.6                               | 56.3 | 58.2 | 52.6 | 52.0 | 58.4 |       | 10,958                         | 1,150                               | 12,416                       |                                  | 74.5 | 72.5 | ND      |
| 28                       |   | 49.5                       | 49.5 |       | 51.4 | 54.0 | 55.3                               | 56.1 | 57.8 | 52.4 | 52.0 | 57.8 |       | 10,837                         | 1,137                               | 12,303                       |                                  | 75.2 | 73.9 | ND      |
| 29                       |   | #VALUE!                    |      |       |      |      |                                    |      |      |      |      |      |       |                                |                                     |                              |                                  |      |      | ND      |
| 30                       |   | 0.0                        |      |       |      |      |                                    |      |      |      |      |      |       |                                |                                     |                              |                                  |      |      | ND      |
| 31                       |   | 0.0                        |      |       |      |      |                                    |      |      |      |      |      |       |                                |                                     |                              |                                  |      |      | ND      |
| Avg<br>Tot cfs<br>Tot af | #####   |                            | 49.1 | ##### | 50.8 | 53.9 | 55.6                               | 56.2 | 57.9 | 51.7 | 51.8 | 58.5 | ##### | 10,797<br>302,328<br>599,668   | 1,073<br>30,038<br>59,580           | 12,210<br>341,887<br>678,133 | 84.3                             | 80.0 | 79.6 | #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 current