

UNITED STATES DEPARTMENT OF THE INTERIOR  
U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

APRIL 2011

**KESWICK RESERVOIR DAILY OPERATIONS**

RUN DATE: May 1, 2011

| DAY              | ELEV   | STORAGE<br>ACRE-FEET<br>RES. | CHANGE        | COMPUTED*<br>INFLOW<br>C.F.S. | SPRING<br>CR. P. P.<br>RELEASE | SHASTA<br>RELEASE<br>C.F.S | POWER          | RELEASE - C.F.S.<br>SPILL | FISHTRAP     | EVAP<br>C.F.S.<br>(1) |
|------------------|--------|------------------------------|---------------|-------------------------------|--------------------------------|----------------------------|----------------|---------------------------|--------------|-----------------------|
|                  |        | 18,912                       |               |                               |                                |                            |                |                           |              |                       |
| 1                | 577.92 | 18,367                       | -545          | 41,964                        | 2,016                          | 43,333                     | 10,143         | 32,009                    | 85           | 2                     |
| 2                | 578.46 | 18,664                       | +297          | 37,351                        | 2,012                          | 36,749                     | 10,679         | 26,431                    | 85           | 6                     |
| 3                | 580.52 | 19,824                       | +1,160        | 32,924                        | 1,922                          | 31,829                     | 11,824         | 20,424                    | 85           | 6                     |
| 4                | 581.03 | 20,118                       | +294          | 27,629                        | 1,874                          | 26,562                     | 12,174         | 15,220                    | 85           | 2                     |
| 5                | 580.71 | 19,933                       | -185          | 23,234                        | 1,429                          | 22,788                     | 12,364         | 10,875                    | 85           | 3                     |
| 6                | 579.84 | 19,434                       | -499          | 19,778                        | 1,571                          | 19,352                     | 12,532         | 7,410                     | 85           | 3                     |
| 7                | 581.15 | 20,188                       | +754          | 17,846                        | 1,281                          | 17,850                     | 12,610         | 4,768                     | 85           | 3                     |
| 8                | 580.14 | 19,605                       | -583          | 13,906                        | 1,506                          | 13,411                     | 12,707         | 1,407                     | 85           | 1                     |
| 9                | 580.71 | 19,933                       | +328          | 13,603                        | 1,332                          | 12,576                     | 13,350         | 0                         | 85           | 3                     |
| 10               | 581.12 | 20,170                       | +237          | 13,023                        | 1,294                          | 11,202                     | 12,815         | 0                         | 85           | 4                     |
| 11               | 581.53 | 20,411                       | +241          | 11,288                        | 1,153                          | 9,356                      | 10,768         | 311                       | 85           | 2                     |
| 12               | 581.35 | 20,305                       | -106          | 9,612                         | 1,065                          | 8,099                      | 9,426          | 152                       | 85           | 2                     |
| 13               | 584.80 | 22,384                       | +2,079        | 9,293                         | 1,159                          | 7,586                      | 8,157          | 0                         | 85           | 3                     |
| 14               | 584.50 | 22,199                       | -185          | 6,999                         | 1,282                          | 5,258                      | 7,007          | 0                         | 85           | 0                     |
| 15               | 584.82 | 22,396                       | +197          | 6,362                         | 1,280                          | 4,658                      | 6,175          | 0                         | 85           | 3                     |
| 16               | 584.26 | 22,050                       | -346          | 6,017                         | 1,087                          | 4,672                      | 6,104          | 0                         | 85           | 2                     |
| 17               | 584.11 | 21,958                       | -92           | 6,119                         | 50                             | 5,830                      | 6,078          | 0                         | 85           | 2                     |
| 18               | 584.09 | 21,946                       | -12           | 6,106                         | 606                            | 5,183                      | 6,025          | 0                         | 85           | 2                     |
| 19               | 584.29 | 22,069                       | +123          | 6,106                         | 1,333                          | 4,407                      | 5,956          | 0                         | 85           | 3                     |
| 20               | 585.50 | 22,821                       | +752          | 6,357                         | 1,194                          | 4,723                      | 5,887          | 6                         | 85           | 0                     |
| 21               | 584.78 | 22,371                       | -450          | 5,695                         | 1,184                          | 4,310                      | 5,836          | 0                         | 85           | 1                     |
| 22               | 584.54 | 22,223                       | -148          | 5,741                         | 625                            | 4,870                      | 5,729          | 0                         | 85           | 2                     |
| 23               | 583.83 | 21,787                       | -436          | 5,614                         | 124                            | 5,298                      | 5,746          | 0                         | 85           | 3                     |
| 24               | 583.72 | 21,720                       | -67           | 5,821                         | 125                            | 5,578                      | 5,769          | 0                         | 85           | 1                     |
| 25               | 584.37 | 22,118                       | +398          | 6,048                         | 47                             | 5,916                      | 5,758          | 0                         | 85           | 4                     |
| 26               | 584.05 | 21,921                       | -197          | 5,777                         | 50                             | 5,939                      | 5,790          | 0                         | 85           | 1                     |
| 27               | 583.38 | 21,514                       | -407          | 5,677                         | 81                             | 5,578                      | 5,793          | 0                         | 85           | 4                     |
| 28               | 584.38 | 22,124                       | +610          | 6,160                         | 50                             | 6,332                      | 5,763          | 0                         | 85           | 4                     |
| 29               | 584.97 | 22,488                       | +364          | 6,145                         | 1,303                          | 4,732                      | 5,872          | 0                         | 85           | 4                     |
| 30               | 585.18 | 22,620                       | +132          | 6,072                         | 1,342                          | 4,904                      | 5,914          | 0                         | 85           | 6                     |
| <b>TOTALS</b>    |        |                              | <b>+3,708</b> | <b>374,267</b>                | <b>31,377</b>                  | <b>348,881</b>             | <b>250,751</b> | <b>119,013</b>            | <b>2,550</b> | <b>82</b>             |
| <b>ACRE-FEET</b> |        |                              | <b>+3,708</b> | <b>742,359</b>                | <b>62,236</b>                  | <b>692,005</b>             | <b>497,365</b> | <b>236,062</b>            | <b>5,058</b> | <b>163</b>            |

\*COMPUTED INFLOW IS SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION.

(1) EVAPORATION RECORDS TAKEN FROM SHASTA PAN.

**SUMMARY**  
RELEASE (ACRE-FEET)

|           |         |
|-----------|---------|
| POWER     | 497,365 |
| SPILL     | 236,062 |
| FISH TRAP | 5,058   |