

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

JANUARY 2013

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: February 1, 2013

| DAY                 | ELEV   | STORAGE              |        | COMPUTED*<br>INFLOW<br>AF. | CCWA<br>INFLOW<br>AF. | PRECIP ON<br>RES. SURF.<br>AF. | RELEASE - AF. |                 |        |          | EVAP<br>AF. | PRECIP<br>INCHES |
|---------------------|--------|----------------------|--------|----------------------------|-----------------------|--------------------------------|---------------|-----------------|--------|----------|-------------|------------------|
|                     |        | ACRE-Feet<br>IN LAKE | CHANGE |                            |                       |                                | TUNNEL        | HILTON<br>CREEK | OUTLET | SPILLWAY |             |                  |
| 1                   | 730.56 | 134,851              |        |                            |                       |                                |               |                 |        |          |             |                  |
| 2                   | 730.55 | 134,827              | -24    | 22.6                       | 0.0                   | .0                             | 28.9          | 11.8            | .0     | .0       | 5.9         | .046             |
| 3                   | 730.54 | 134,803              | -24    | 22.9                       | 0.0                   | .0                             | 28.9          | 11.8            | .0     | .0       | 6.2         | .048             |
| 4                   | 730.50 | 134,709              | -94    | -41.3                      | 0.0                   | .0                             | 34.1          | 11.8            | .0     | .0       | 6.8         | .053             |
| 5                   | 730.48 | 134,661              | -48    | 10.4                       | 0.0                   | .0                             | 41.5          | 11.8            | .0     | .0       | 5.1         | .040             |
| 6                   | 730.44 | 134,566              | -95    | -34.2                      | 0.0                   | .0                             | 40.8          | 11.8            | .0     | .0       | 8.2         | .064             |
| 7                   | 730.44 | 134,566              | +0     | 8.0                        | 0.0                   | 49.4                           | 40.5          | 11.8            | .0     | .0       | 5.1         | .040             |
| 8                   | 730.43 | 134,543              | -23    | -5.4                       | 0.0                   | 37.5                           | 41.1          | 11.7            | .0     | .0       | 2.3         | .018             |
| 9                   | 730.40 | 134,471              | -72    | -8.3                       | 0.0                   | .0                             | 45.1          | 11.7            | .0     | .0       | 6.9         | .054             |
| 10                  | 730.38 | 134,424              | -47    | 26.7                       | 0.0                   | .0                             | 57.1          | 11.7            | .0     | .0       | 4.9         | .038             |
| 11                  | 730.33 | 134,305              | -119   | -53.3                      | 0.0                   | .0                             | 46.9          | 11.7            | .0     | .0       | 7.1         | .055             |
| 12                  | 730.32 | 134,282              | -23    | -25.4                      | 0.0                   | 37.5                           | 23.3          | 11.7            | .0     | .0       | .1          | .001             |
| 13                  | 730.29 | 134,211              | -71    | -17.3                      | 0.0                   | 3.9                            | 37.2          | 11.7            | .0     | .0       | 8.7         | .068             |
| 14                  | 730.27 | 134,163              | -48    | 0.4                        | 0.0                   | .0                             | 29.8          | 11.7            | .0     | .0       | 6.9         | .054             |
| 15                  | 730.23 | 134,068              | -95    | 0.8                        | 0.0                   | .0                             | 74.9          | 11.7            | .0     | .0       | 9.2         | .072             |
| 16                  | 730.19 | 133,973              | -95    | 0.6                        | 0.0                   | .0                             | 74.6          | 11.7            | .0     | .0       | 9.3         | .073             |
| 17                  | 730.16 | 133,902              | -71    | -4.8                       | 0.0                   | .0                             | 51.6          | 11.7            | .0     | .0       | 2.9         | .023             |
| 18                  | 730.13 | 133,831              | -71    | -6.7                       | 0.0                   | .0                             | 44.2          | 11.7            | .0     | .0       | 8.4         | .066             |
| 19                  | 730.10 | 133,760              | -71    | 21.9                       | 0.0                   | .0                             | 71.8          | 11.5            | .0     | .0       | 9.6         | .075             |
| 20                  | 730.05 | 133,642              | -118   | 0.2                        | 0.0                   | .0                             | 94.6          | 11.6            | .0     | .0       | 12.0        | .094             |
| 21                  | 730.01 | 133,547              | -95    | 31.4                       | 0.0                   | .0                             | 100.4         | 11.6            | .0     | .0       | 14.4        | .113             |
| 22                  | 729.97 | 133,453              | -94    | -14.1                      | 0.0                   | .0                             | 58.0          | 11.7            | .0     | .0       | 10.2        | .080             |
| 23                  | 729.93 | 133,359              | -94    | 22.4                       | 0.0                   | .0                             | 91.8          | 11.6            | .0     | .0       | 13.0        | .102             |
| 24                  | 729.89 | 133,265              | -94    | 7.2                        | 0.0                   | .0                             | 73.1          | 11.6            | .0     | .0       | 16.5        | .129             |
| 25                  | 729.90 | 133,288              | +23    | 22.1                       | 0.0                   | 70.7                           | 52.8          | 11.6            | .0     | .0       | 5.4         | .042             |
| 26                  | 729.92 | 133,335              | +47    | -2.6                       | 0.0                   | 102.2                          | 38.7          | 11.6            | .0     | .0       | 2.3         | .018             |
| 27                  | 729.95 | 133,406              | +71    | 77.6                       | 0.0                   | 41.3                           | 35.3          | 11.6            | .0     | .0       | 1.0         | .008             |
| 28                  | 729.93 | 133,359              | -47    | 10.6                       | 0.0                   | 2.0                            | 32.9          | 11.6            | .0     | .0       | 15.1        | .118             |
| 29                  | 729.90 | 133,288              | -71    | -4.6                       | 0.0                   | .0                             | 39.3          | 11.6            | .0     | .0       | 15.5        | .121             |
| 30                  | 729.88 | 133,241              | -47    | 38.7                       | 0.0                   | .0                             | 59.9          | 11.6            | .0     | .0       | 14.2        | .111             |
| 31                  | 729.84 | 133,147              | -94    | -18.5                      | 0.0                   | .0                             | 58.3          | 11.6            | .0     | .0       | 5.6         | .044             |
| 31                  | 729.82 | 133,101              | -46    | 35.6                       | 0.0                   | .0                             | 61.3          | 11.6            | .0     | .0       | 8.7         | .068             |
| TOTAL (AF)<br>(AVG) |        | 133,919              | -1,750 | 123.6                      | 0.0                   | 344.5                          | 1,608.7       | 361.9           | .0     | .0       | 247.5       | 1.936            |
|                     |        |                      |        |                            |                       |                                |               |                 |        |          | 1.75        |                  |

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION MINUS PRECIP ON THE RESERVOIR SURFACE AND CCWA INFLOW.

DATA BASED ON 24-HOUR PERIOD ENDING 0800.

INDICATED OUTLETS RELEASE INCLUDE ANY LEAKAGE AROUND GATES.