

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

MAY 2018

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: July 3, 2018

| 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 |
|------------|--------|---------|--------|----------------------------|-----------------------|--------------------------------|---------------|-----------------|--------|----------|-------------|------------------|
|            |        | IN LAKE | CHANGE |                            |                       |                                | TUNNEL        | HILTON<br>CREEK | OUTLET | SPILLWAY |             |                  |
|            | 703.23 | 77,436  |        |                            |                       |                                |               |                 |        |          |             |                  |
| 1          | 703.20 | 77,386  | -50    | -26.7                      | 40.8                  | .0                             | 35.9          | 5.0             | 4.0    | .0       | 19.2        | .170             |
| 2          | 703.24 | 77,452  | +66    | 25.5                       | 40.6                  | 55.8                           | 37.9          | 5.0             | 4.0    | .0       | 9.0         | .080             |
| 3          | 703.23 | 77,436  | -16    | 21.8                       | 40.5                  | .0                             | 39.9          | 6.0             | 3.0    | .0       | 29.4        | .260             |
| 4          | 703.22 | 77,419  | -17    | 38.6                       | 40.5                  | .0                             | 38.7          | 4.0             | 6.0    | .0       | 47.4        | .420             |
| 5          | 703.21 | 77,403  | -16    | 15.1                       | 40.5                  | .0                             | 33.5          | 5.0             | 6.0    | .0       | 27.1        | .240             |
| 6          | 703.21 | 77,403  | +0     | 11.7                       | 40.5                  | .0                             | 29.9          | 5.0             | 6.0    | .0       | 11.3        | .100             |
| 7          | 703.21 | 77,403  | +0     | 29.5                       | 40.5                  | .0                             | 29.5          | 5.0             | 5.0    | .0       | 30.5        | .270             |
| 8          | 703.19 | 77,353  | -50    | -22.4                      | 40.5                  | .0                             | 41.3          | 5.0             | 6.0    | .0       | 15.8        | .140             |
| 9          | 703.17 | 77,337  | -16    | 73.1                       | 40.5                  | .0                             | 49.7          | 5.0             | 5.0    | .0       | 69.9        | .620             |
| 10         | 703.15 | 77,304  | -33    | 23.7                       | 40.4                  | .0                             | 48.9          | 5.0             | 6.0    | .0       | 37.2        | .330             |
| 11         | 703.13 | 77,271  | -33    | 8.6                        | 40.6                  | .0                             | 50.8          | 5.0             | 5.0    | .0       | 21.4        | .190             |
| 12         | 703.10 | 77,221  | -50    | -9.4                       | 40.6                  | .0                             | 51.0          | 5.0             | 6.0    | .0       | 19.2        | .170             |
| 13         | 703.09 | 77,188  | -33    | 4.7                        | 40.6                  | .0                             | 49.1          | 5.0             | 5.0    | .0       | 19.2        | .170             |
| 14         | 703.08 | 77,172  | -16    | 12.2                       | 40.6                  | .0                             | 30.8          | 5.0             | 6.0    | .0       | 27.0        | .240             |
| 15         | 703.06 | 77,155  | -17    | 8.9                        | 40.6                  | .0                             | 37.5          | 5.0             | 6.0    | .0       | 18.0        | .160             |
| 16         | 703.05 | 77,139  | -16    | 38.9                       | 40.6                  | .0                             | 42.8          | 5.0             | 6.0    | .0       | 41.7        | .370             |
| 17         | 703.02 | 77,089  | -50    | -0.3                       | 40.6                  | .0                             | 43.3          | 5.0             | 6.0    | .0       | 36.0        | .320             |
| 18         | 703.00 | 77,056  | -33    | 10.1                       | 40.7                  | .0                             | 43.5          | 5.0             | 6.0    | .0       | 29.3        | .260             |
| 19         | 703.00 | 77,056  | +0     | 33.3                       | 40.7                  | .0                             | 42.7          | 5.0             | 6.0    | .0       | 20.3        | .180             |
| 20         | 702.99 | 77,039  | -17    | 28.6                       | 40.7                  | .0                             | 46.0          | 5.0             | 6.0    | .0       | 29.3        | .260             |
| 21         | 702.97 | 77,006  | -33    | -14.2                      | 40.7                  | .0                             | 41.7          | 5.0             | 6.0    | .0       | 6.8         | .060             |
| 22         | 702.95 | 76,973  | -33    | -3.0                       | 40.7                  | .0                             | 43.8          | 5.0             | 5.0    | .0       | 16.9        | .150             |
| 23         | 702.93 | 76,940  | -33    | 1.3                        | 40.0                  | .0                             | 41.9          | 5.0             | 6.0    | .0       | 21.4        | .190             |
| 24         | 702.91 | 76,907  | -33    | 60.7                       | 34.5                  | .0                             | 43.0          | 5.0             | 6.0    | .0       | 74.2        | .660             |
| 25         | 702.89 | 76,874  | -33    | -3.0                       | 41.0                  | .0                             | 44.3          | 4.9             | 5.1    | 1.0      | 15.7        | .140             |
| 26         | 702.87 | 76,841  | -33    | 17.7                       | 41.0                  | .0                             | 42.5          | 5.0             | 6.0    | .0       | 38.2        | .340             |
| 27         | 702.83 | 76,775  | -66    | -0.3                       | 41.0                  | .0                             | 74.2          | 5.1             | 4.9    | .0       | 22.5        | .200             |
| 28         | 702.82 | 76,759  | -16    | 42.1                       | 41.1                  | .0                             | 48.9          | 4.8             | 6.2    | .0       | 39.3        | .350             |
| 29         | 702.79 | 76,709  | -50    | -6.5                       | 41.1                  | .0                             | 47.8          | 5.1             | 5.9    | .0       | 25.8        | .230             |
| 30         | 702.78 | 76,693  | -16    | 23.2                       | 41.1                  | .0                             | 47.8          | 4.9             | 5.1    | .0       | 22.5        | .200             |
| 31         | 702.75 | 76,643  | -50    | 3.4                        | 41.1                  | .0                             | 61.0          | 5.0             | 6.0    | .0       | 22.5        | .200             |
| TOTAL (AF) |        |         | -793   | 446.9                      | 1,254.9               | 55.8                           | 1,359.6       | 154.8           | 171.2  | 1.0      | 864.0       | 7.670            |
| (AVG)      |        | 77,110  |        |                            |                       |                                |               |                 |        |          |             |                  |

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.