

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

NOVEMBER 2013

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: December 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>INCH | PRECIP<br>INCHES |
|------------|--------|---------|--------|----------------------------|-----------------------|--------------------------------|---------------|-----------------|---------|----------|-------------|----------------|------------------|
|            |        | IN LAKE | CHANGE |                            |                       |                                | TUNNEL        | HILTON<br>CREEK | OUTLET  | SPILLWAY |             |                |                  |
| 1          | 706.86 | 86,021  |        |                            |                       |                                |               |                 |         |          |             |                |                  |
| 2          | 706.78 | 85,881  | -140   | 11.6                       | 4.3                   | .0                             | 87.5          | 7.6             | 45.0    | .0       | 15.8        | .150           | .00              |
| 3          | 706.69 | 85,724  | -157   | 9.4                        | 1.8                   | .0                             | 100.1         | 7.6             | 45.0    | .0       | 15.5        | .147           | .00              |
| 4          | 706.59 | 85,549  | -175   | -6.6                       | 0.0                   | .0                             | 100.7         | 7.9             | 47.0    | .0       | 12.8        | .122           | .00              |
| 5          | 706.50 | 85,392  | -157   | 4.5                        | 0.0                   | .0                             | 98.5          | 7.6             | 44.0    | .0       | 11.4        | .109           | .00              |
| 6          | 706.41 | 85,234  | -158   | -5.3                       | 0.0                   | .0                             | 84.4          | 7.6             | 45.0    | .0       | 15.7        | .150           | .00              |
| 7          | 706.32 | 85,077  | -157   | 3.7                        | 0.0                   | .0                             | 92.4          | 7.6             | 45.0    | .0       | 15.7        | .150           | .00              |
| 8          | 706.21 | 84,884  | -193   | 1.8                        | 0.0                   | .0                             | 118.5         | 7.6             | 53.0    | .0       | 15.7        | .150           | .00              |
| 9          | 706.10 | 84,692  | -192   | 16.1                       | 0.0                   | .0                             | 132.3         | 7.6             | 53.0    | .0       | 15.2        | .146           | .00              |
| 10         | 705.99 | 84,500  | -192   | -11.9                      | 0.0                   | .0                             | 106.5         | 7.5             | 52.0    | .0       | 14.1        | .135           | .00              |
| 11         | 705.90 | 84,345  | -155   | 14.2                       | 0.0                   | .0                             | 93.0          | 7.5             | 53.0    | .0       | 15.7        | .151           | .00              |
| 12         | 705.80 | 84,172  | -173   | -11.8                      | 0.0                   | .0                             | 83.0          | 7.3             | 59.0    | .0       | 11.9        | .115           | .00              |
| 13         | 705.70 | 84,000  | -172   | 11.9                       | 0.0                   | .0                             | 104.7         | 7.4             | 61.0    | .0       | 10.8        | .104           | .00              |
| 14         | 705.60 | 83,828  | -172   | 0.5                        | 0.0                   | .0                             | 95.8          | 7.5             | 61.0    | .0       | 8.2         | .079           | .00              |
| 15         | 705.50 | 83,656  | -172   | 20.5                       | 0.0                   | .0                             | 109.6         | 7.4             | 60.0    | .0       | 15.5        | .150           | .00              |
| 16         | 705.40 | 83,483  | -173   | 26.4                       | 0.0                   | .0                             | 120.0         | 7.4             | 61.0    | .0       | 11.0        | .107           | .00              |
| 17         | 705.30 | 83,311  | -172   | -1.9                       | 0.0                   | .0                             | 91.5          | 7.5             | 61.0    | .0       | 10.1        | .098           | .00              |
| 18         | 705.19 | 83,121  | -190   | -29.7                      | 0.0                   | .0                             | 86.0          | 7.5             | 60.0    | .0       | 6.8         | .066           | .00              |
| 19         | 705.12 | 83,001  | -120   | 26.4                       | 0.0                   | .0                             | 70.6          | 7.5             | 61.0    | .0       | 7.3         | .071           | .00              |
| 20         | 705.02 | 82,828  | -173   | -9.1                       | 0.0                   | .0                             | 90.0          | 7.5             | 60.0    | .0       | 6.4         | .062           | .00              |
| 21         | 704.94 | 82,692  | -136   | 17.5                       | 0.0                   | 1.4                            | 80.7          | 7.5             | 61.0    | .0       | 5.7         | .056           | .01              |
| 22         | 704.89 | 82,607  | -85    | -14.6                      | 0.0                   | 94.0                           | 89.6          | 7.4             | 61.0    | .0       | 6.4         | .062           | .66              |
| 23         | 704.82 | 82,488  | -119   | 24.2                       | 0.0                   | 1.4                            | 89.3          | 7.5             | 46.0    | .0       | 1.8         | .018           | .01              |
| 24         | 704.75 | 82,369  | -119   | 1.6                        | 0.0                   | 4.3                            | 66.6          | 7.5             | 42.0    | .0       | 8.8         | .086           | .03              |
| 25         | 704.68 | 82,250  | -119   | -4.3                       | 0.0                   | .0                             | 59.3          | 7.5             | 42.0    | .0       | 5.9         | .058           | .00              |
| 26         | 704.63 | 82,165  | -85    | -1.5                       | 23.9                  | .0                             | 48.5          | 7.6             | 42.0    | .0       | 9.3         | .091           | .00              |
| 27         | 704.57 | 82,063  | -102   | -1.8                       | 23.8                  | .0                             | 62.3          | 7.5             | 43.0    | .0       | 11.2        | .110           | .00              |
| 28         | 704.52 | 81,978  | -85    | 36.7                       | 14.9                  | .0                             | 71.5          | 7.5             | 42.0    | .0       | 15.6        | .153           | .00              |
| 29         | 704.46 | 81,876  | -102   | 10.4                       | 15.5                  | .0                             | 63.2          | 7.4             | 42.0    | .0       | 15.3        | .150           | .00              |
| 30         | 704.43 | 81,825  | -51    | -5.2                       | 15.2                  | 60.8                           | 60.2          | 7.4             | 42.0    | .0       | 12.2        | .120           | .43              |
| 30         | 704.39 | 81,757  | -68    | 0.1                        | 15.2                  | .0                             | 47.4          | 7.5             | 24.0    | .0       | 4.4         | .043           | .00              |
| TOTAL (AF) |        |         | -4,264 | 133.8                      | 114.6                 | 161.9                          | 2,603.7       | 225.4           | 1,513.0 | .0       | 332.2       | 3.209          | 1.14             |
| (AVG)      |        | 83,558  |        |                            |                       |                                |               |                 |         |          |             |                |                  |

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.