

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

DECEMBER 2010

LAKE CACHUMA DAILY OPERATIONS

RUN DATE: January 3, 2011

| 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          | 735.35 | 146,533 |         |                            |                       |                                |               |                 |        |          |             |                |                  |
| 2          | 735.31 | 146,432 | -101    | -17.9                      | 0.0                   | .0                             | 60.8          | 11.9            | .0     | .0       | 10.4        | .075           | .00              |
| 3          | 735.27 | 146,331 | -101    | -17.5                      | 0.0                   | .0                             | 59.6          | 11.9            | .0     | .0       | 12.0        | .087           | .00              |
| 4          | 735.24 | 146,256 | -75     | 20.3                       | 0.0                   | .0                             | 74.3          | 11.1            | .0     | .0       | 9.9         | .072           | .00              |
| 5          | 735.21 | 146,180 | -76     | 14.4                       | 0.0                   | 10.4                           | 75.8          | 11.2            | .0     | .0       | 13.8        | .100           | .05              |
| 6          | 735.17 | 146,080 | -100    | -14.1                      | 0.0                   | .0                             | 59.9          | 11.2            | .0     | .0       | 14.8        | .107           | .00              |
| 7          | 735.18 | 146,105 | +25     | -14.8                      | 0.0                   | 123.2                          | 58.0          | 11.3            | .0     | .0       | 14.1        | .102           | .59              |
| 8          | 735.15 | 146,029 | -76     | 0.7                        | 0.0                   | .0                             | 60.8          | 11.2            | .0     | .0       | 4.7         | .034           | .00              |
| 9          | 735.11 | 145,929 | -100    | -23.0                      | 0.0                   | 2.1                            | 58.9          | 11.2            | .0     | .0       | 9.0         | .065           | .01              |
| 10         | 735.09 | 145,878 | -51     | 17.7                       | 0.0                   | .0                             | 49.7          | 11.2            | .0     | .0       | 7.8         | .057           | .00              |
| 11         | 735.08 | 145,853 | -25     | 3.2                        | 31.9                  | .0                             | 43.6          | 11.3            | .0     | .0       | 5.2         | .038           | .00              |
| 12         | 735.06 | 145,803 | -50     | 14.1                       | 3.1                   | .0                             | 46.1          | 11.1            | .0     | .0       | 10.0        | .073           | .00              |
| 13         | 735.03 | 145,727 | -76     | 9.1                        | 0.0                   | .0                             | 58.9          | 11.3            | .0     | .0       | 14.9        | .108           | .00              |
| 14         | 735.00 | 145,652 | -75     | 8.5                        | 0.0                   | .0                             | 62.6          | 11.3            | .0     | .0       | 9.6         | .070           | .00              |
| 15         | 734.97 | 145,577 | -75     | 13.2                       | 0.0                   | 2.1                            | 70.0          | 11.2            | .0     | .0       | 9.1         | .066           | .01              |
| 16         | 734.93 | 145,478 | -99     | -10.8                      | 0.0                   | 4.2                            | 74.3          | 11.5            | .0     | .0       | 6.6         | .048           | .02              |
| 17         | 734.91 | 145,428 | -50     | 24.7                       | 0.0                   | .0                             | 57.1          | 11.4            | .0     | .0       | 6.2         | .045           | .00              |
| 18         | 734.94 | 145,503 | +75     | 117.1                      | 0.0                   | 31.2                           | 53.4          | 11.5            | .0     | .0       | 8.4         | .061           | .15              |
| 19         | 735.00 | 145,652 | +149    | -17.3                      | 0.0                   | 208.4                          | 30.7          | 11.4            | .0     | .0       | .0          | .000           | 1.00             |
| 20         | 735.25 | 146,281 | +629    | 393.1                      | 0.0                   | 273.9                          | 26.1          | 11.5            | .0     | .0       | .4          | .003           | 1.31             |
| 21         | 736.54 | 149,544 | +3,263  | 2,882.3                    | 0.0                   | 422.7                          | 25.5          | 11.6            | .0     | .0       | 4.9         | .035           | 1.99             |
| 22         | 737.41 | 151,773 | +2,229  | 2,135.4                    | 0.0                   | 130.9                          | 25.5          | 11.7            | .0     | .0       | .1          | .001           | .61              |
| 23         | 738.21 | 153,840 | +2,067  | 1,801.5                    | 0.0                   | 311.7                          | 34.4          | 11.8            | .0     | .0       | .0          | .000           | 1.44             |
| 24         | 740.33 | 159,416 | +5,576  | 5,480.9                    | 0.0                   | 159.9                          | 36.8          | 11.9            | .0     | .0       | 16.1        | .110           | .72              |
| 25         | 740.98 | 161,152 | +1,736  | 1,793.0                    | 0.0                   | .0                             | 39.3          | 11.9            | .0     | .0       | 5.8         | .039           | .00              |
| 26         | 741.34 | 162,125 | +973    | 1,029.6                    | 0.0                   | .0                             | 38.1          | 12.0            | .0     | .0       | 6.5         | .044           | .00              |
| 27         | 741.64 | 162,936 | +811    | 735.2                      | 0.0                   | 137.8                          | 38.4          | 12.1            | .0     | .0       | 11.5        | .077           | .61              |
| 28         | 741.93 | 163,721 | +785    | 840.0                      | 0.0                   | 4.5                            | 38.4          | 12.1            | .0     | .0       | 9.0         | .060           | .02              |
| 29         | 742.11 | 164,212 | +491    | 560.1                      | 0.0                   | .0                             | 50.4          | 11.8            | .0     | .0       | 6.9         | .046           | .00              |
| 30         | 742.34 | 164,843 | +631    | 504.9                      | 10.4                  | 212.1                          | 53.4          | 10.6            | .0     | .0       | 32.4        | .215           | .93              |
| 31         | 742.71 | 165,858 | +1,015  | 1,048.7                    | 13.7                  | 4.6                            | 38.4          | 10.6            | .0     | .0       | 3.0         | .020           | .02              |
| 31         | 742.96 | 166,543 | +685    | 743.6                      | 0.6                   | .0                             | 38.0          | 10.9            | .0     | .0       | 10.3        | .068           | .00              |
| TOTAL (AF) |        |         | +20,010 | 20,075.9                   | 59.7                  | 2,039.7                        | 1,537.2       | 354.7           | .0     | .0       | 273.4       | 1.926          | 9.48             |
| (AVG)      |        | 151,553 |         |                            |                       |                                |               |                 |        |          |             |                |                  |

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.