

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

APRIL 2001

**LAKE CACHUMA DAILY OPERATIONS**

RUN DATE: May 16, 2001

| DAY               | ELEV             | STORAGE |               | COMPUTED*<br>INFLOW | DWR<br>INFLOW | PRECIP ON    |                |                   | RELEASE - AF. |           |              | SEEP-<br>AGE   | SPILL        | EVAP<br>AF.  | PRECIP<br>INCH | PRECIP<br>INCHES |  |
|-------------------|------------------|---------|---------------|---------------------|---------------|--------------|----------------|-------------------|---------------|-----------|--------------|----------------|--------------|--------------|----------------|------------------|--|
|                   |                  | IN LAKE | CHANGE        |                     |               | RES. SURF.   | TUN-<br>NEL    | DIRECT<br>DIVERS. | WCD           | OUTLET    | SYR          |                |              |              |                |                  |  |
| 1                 | 750.83           | 192,948 |               |                     |               |              |                |                   |               |           |              |                |              |              |                |                  |  |
| 1                 | 750.85           | 193,009 | +61           | 453.5               | 0             | .0           | 59.0           | .0                | .0            | .0        | 9.9          | 288.0          | 35.6         | .174         | .00            |                  |  |
| 2                 | 750.87           | 193,070 | +61           | 454.0               | 0             | .0           | 60.0           | .0                | .0            | .0        | 9.9          | 302.0          | 21.1         | .103         | .00            |                  |  |
| 3                 | 750.85           | 193,009 | -61           | 372.6               | 0             | .0           | 90.0           | .0                | .0            | .0        | 9.9          | 303.0          | 30.7         | .150         | .00            |                  |  |
| 4                 | 750.84           | 192,979 | -30           | 418.7               | 0             | .0           | 108.0          | .0                | .0            | .0        | 9.9          | 305.0          | 25.8         | .126         | .00            |                  |  |
| 5                 | 750.86           | 193,040 | +61           | 413.2               | 0             | 40.9         | 83.0           | .0                | .0            | .0        | 9.9          | 300.0          | .2           | .001         | .16            |                  |  |
| 6                 | 750.86           | 193,040 | +0            | 421.6               | 0             | .0           | 71.0           | .0                | .0            | .0        | 9.9          | 310.0          | 30.7         | .150         | .00            |                  |  |
| 7                 | 750.89           | 193,132 | +92           | 387.5               | 0             | 153.6        | 70.0           | .0                | .0            | .0        | 9.9          | 344.0          | 25.2         | .123         | .60            |                  |  |
| 8                 | 750.88           | 193,101 | -31           | 864.2               | 0             | 30.7         | 70.0           | .0                | .0            | .0        | 9.9          | 830.0          | 16.0         | .078         | .12            |                  |  |
| 9                 | 750.83           | 192,948 | -153          | 641.8               | 0             | .0           | 59.0           | 1.8               | .0            | .0        | 9.9          | 692.0          | 32.1         | .157         | .00            |                  |  |
| 10                | 750.81           | 192,887 | -61           | 413.3               | 0             | 10.2         | 60.0           | .0                | .0            | .0        | 9.9          | 395.0          | 19.6         | .096         | .04            |                  |  |
| 11                | 750.86           | 193,040 | +153          | 393.3               | 0             | .0           | 42.0           | .0                | .0            | .0        | 9.9          | 153.0          | 35.4         | .173         | .00            |                  |  |
| 12                | 750.89           | 193,132 | +92           | 343.6               | 0             | .0           | 43.0           | .0                | .0            | .0        | 9.9          | 176.0          | 22.7         | .111         | .00            |                  |  |
| 13                | 750.94           | 193,284 | +152          | 407.6               | 0             | .0           | 75.0           | .0                | .0            | .0        | 9.9          | 140.0          | 30.7         | .150         | .00            |                  |  |
| 14                | 750.95           | 193,315 | +31           | 330.8               | 0             | .0           | 85.0           | .0                | .0            | .0        | 9.9          | 169.0          | 35.9         | .175         | .00            |                  |  |
| 15                | 750.96           | 193,346 | +31           | 359.2               | 0             | .0           | 85.0           | .0                | .0            | .0        | 9.9          | 196.0          | 37.3         | .182         | .00            |                  |  |
| 16                | 750.97           | 193,376 | +30           | 313.4               | 0             | .0           | 83.0           | .6                | .0            | .0        | 9.9          | 153.0          | 36.9         | .180         | .00            |                  |  |
| 17                | 750.99           | 193,437 | +61           | 332.4               | 0             | .0           | 87.0           | .0                | .0            | .0        | 9.9          | 137.0          | 37.5         | .183         | .00            |                  |  |
| 18                | 751.01           | 193,499 | +62           | 296.0               | 0             | .0           | 68.0           | .0                | .0            | .0        | 9.9          | 120.0          | 36.1         | .176         | .00            |                  |  |
| 19                | 751.05           | 193,623 | +124          | 304.8               | 0             | .0           | 80.0           | .0                | .0            | .0        | 9.9          | 55.0           | 35.9         | .175         | .00            |                  |  |
| 20                | 751.09           | 193,746 | +123          | 260.0               | 0             | .0           | 78.0           | .0                | .0            | .0        | 9.9          | 29.0           | 20.1         | .098         | .00            |                  |  |
| 21                | 751.19           | 194,055 | +309          | 340.4               | 0             | 110.4        | 65.0           | .0                | .0            | .0        | 9.9          | 47.0           | 19.9         | .097         | .43            |                  |  |
| 22                | 751.27           | 194,302 | +247          | 430.4               | 0             | .0           | 66.0           | .0                | .0            | .0        | 9.9          | 73.0           | 34.5         | .168         | .00            |                  |  |
| 23                | 751.30           | 194,395 | +93           | 344.7               | 0             | .0           | 62.0           | .8                | .0            | .0        | 9.9          | 142.0          | 37.0         | .180         | .00            |                  |  |
| 24                | 751.32           | 194,457 | +62           | 318.2               | 0             | .0           | 52.0           | .0                | .0            | .0        | 9.9          | 155.0          | 39.3         | .191         | .00            |                  |  |
| 25                | 751.34           | 194,519 | +62           | 352.9               | 0             | .0           | 48.0           | .0                | .0            | .0        | 9.9          | 181.0          | 52.0         | .253         | .00            |                  |  |
| 26                | 751.31           | 194,426 | -93           | 243.5               | 0             | .0           | 105.0          | .0                | .0            | .0        | 9.9          | 172.0          | 49.6         | .241         | .00            |                  |  |
| 27                | 751.30           | 194,395 | -31           | 240.8               | 0             | .0           | 58.0           | .0                | .0            | .0        | 9.9          | 156.0          | 47.9         | .233         | .00            |                  |  |
| 28                | 751.30           | 194,395 | +0            | 265.7               | 0             | .0           | 62.0           | .0                | .0            | .0        | 9.9          | 163.0          | 30.8         | .150         | .00            |                  |  |
| 29                | 751.29           | 194,364 | -31           | 239.7               | 0             | .0           | 82.0           | .0                | .0            | .0        | 9.9          | 148.0          | 30.8         | .150         | .00            |                  |  |
| 30                | 751.29           | 194,364 | +0            | 241.9               | 0             | .0           | 39.0           | 1.7               | .0            | .0        | 9.9          | 145.0          | 46.3         | .225         | .00            |                  |  |
| <b>TOTAL (AF)</b> | <b>5,807,685</b> |         | <b>+1,416</b> | <b>11,199.7</b>     | <b>0</b>      | <b>345.8</b> | <b>2,095.0</b> | <b>4.9</b>        | <b>.0</b>     | <b>.0</b> | <b>297.0</b> | <b>6,779.0</b> | <b>953.6</b> | <b>4.649</b> | <b>1.35</b>    |                  |  |
| <b>(AVG)</b>      | <b>193,590</b>   |         |               |                     |               |              |                |                   |               |           |              |                |              |              |                |                  |  |

COMMENTS:

\* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION MINUS PRECIP ON THE RESERVOIR SURFACE.  
DATA BASED ON 24-HOUR PERIOD ENDING 0800.  
INDICATED OUTLETS RELEASE INCLUDE ANY LEAKAGE AROUND GATES.

**SUMMARY**

|        |                     |                   |         |                        |         |
|--------|---------------------|-------------------|---------|------------------------|---------|
|        | RELEASE (ACRE-FEET) |                   |         | PRECIPITATION          |         |
| TUNNEL | 2,095.0             | SPILL             | 6,779.0 | S.Y.R.W.C.D.           | .0      |
| OUTLET | .0                  | DIRECT DIVERSIONS | 4.9     | TOTAL                  | 8,878.9 |
|        |                     |                   |         | THIS MONTH =           | 1.35    |
|        |                     |                   |         | JULY 1, 2000 TO DATE = | 31.63   |