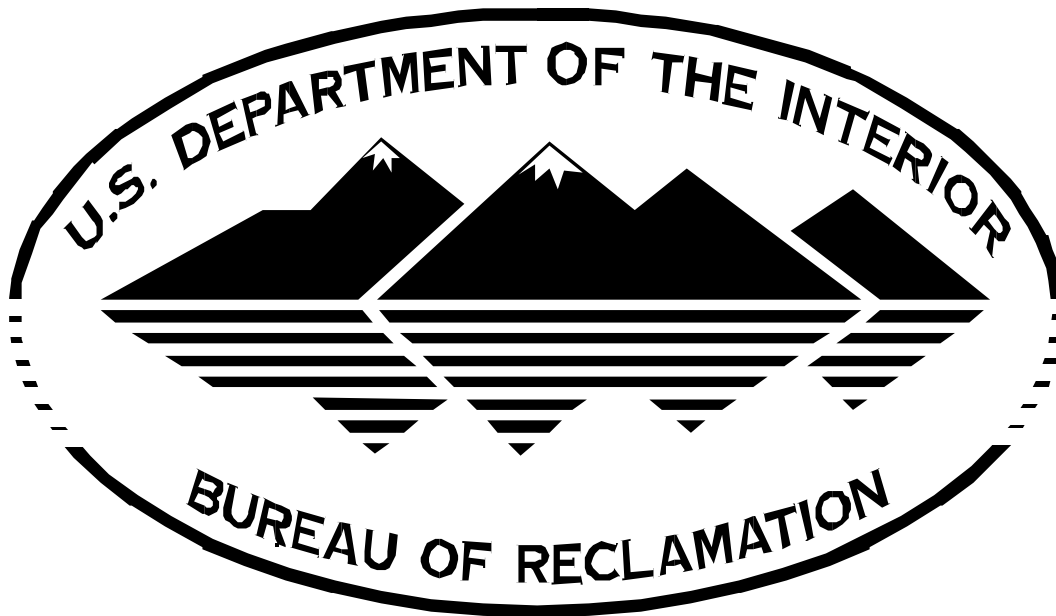


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION**

CENTRAL VALLEY OPERATIONS OFFICE

REPORT OF OPERATIONS



April 2004

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SUMMARY OF APRIL 2004 OPERATIONS

Sacramento had an average monthly temperature of 64.5 °F which was 2.8 °F above normal. The average temperature at Shasta Dam was 61.2 °F which was 3.3 °F above normal and Huntington Lake was .3 °F above normal with an average temperature of 40.6 °F.

Trinity System: Storage in Trinity Lake increased 74,400 acre-feet this month to 2,226,200 acre-feet, which is 91 percent of capacity and 116 percent of the 15 year average for this date. The total inflow for the month was 236,570 acre-feet. The Trinity River release was 300 ft³/s. Whiskeytown Lake was operated between elevations 1,198.36 feet and 1,207.08 feet with an end-of-month storage of 231,800 acre-feet. The releases to Clear Creek from Whiskeytown Dam were 200 ft³/s. Total diversion from the Trinity River to the Sacramento River watershed for the month was 137,550 acre-feet.

Shasta-Keswick: Storage in Shasta Lake increased 154,400 acre-feet for an end-of-month storage of 4,059,800 acre-feet, which is 89 percent of capacity and 107 percent of the 15 year average. The total inflow for the month was 515,805 acre-feet. The release to the Sacramento River at Keswick ranged between 4,500 and 14,000 ft³/s for the month.

Folsom-Nimbus: Storage in Folsom Lake decreased 76,300 acre-feet and had an end-of-month storage of 630,200 acre-feet, which is 65 percent of capacity and 92 percent of the 15 year average for this date. The total inflow for the month was 197,039 acre-feet. The release to the American River at Nimbus ranged between 2,500 and 8,000 ft³/s during the month.

New Melones: Storage in New Melones decreased 25,700 acre-feet for an end-of-month storage of 1,470,500 acre-feet or 61 percent of capacity and 108 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam ranged between 175 to 1,250 ft³/s for the month. The total inflow for the month was 91,205 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on April 30, 2004, was 830,000 acre-feet compared to the storage a year ago of 898,000 acre-feet.

Friant: Storage in Millerton Lake increased 32,258 acre-feet to 472,500 acre-feet. The total monthly inflow was 147,886 acre-feet. The release to the San Joaquin River at Friant varied between 181 and 212 ft³/s.

CVP Totals: The total diversions to CVP canals were 257,523 acre-feet. The April 30, 2004, storage in the 18 CVP reservoirs was 9,217,000 acre-feet compared to storage 1 year ago of 9,909,000 acre-feet.

Power: Gross power production for the CVP totaled 538,627 kilowatt-hours.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
MID-PACIFIC REGION
MONTHLY RESERVOIR STORAGE SUMMARY IN ACRE-FEET
(PRELIMINARY DATA SUBJECT TO REVISION)

Table 1

| WATERSHED | RESERVOIR | TOTAL CAPACITY | 04/30/04 | 04/30/03 | WATERSHED | RESERVOIR | TOTAL CAPACITY | 04/30/04 | 04/30/03 |
|----------------|--------------------|----------------|-----------|-----------|------------------------------|-------------------|-------------------|-------------------|-------------------|
| KLAMATH | CLEAR LAKE * | 526,800 | NR | 139,850 | AMERICAN | FOLSOM LAKE *CVP | 976,960 | 630,200 | 860,610 |
| | GERBER * | 94,300 | NR | 45,780 | | LAKE NATOMA *CVP | 9,030 | 8,205 | 8,600 |
| | UPR KLAMATH LK * | 873,300 | NR | 480,620 | COSUMNES | | | | 41,300 |
| TRINITY | CLAIR ENGLE LK*CVP | 2,447,700 | 2,226,230 | 2,215,950 | MOKELUMNE | CAMANCHE | 431,500 | 357,420 | 312,130 |
| | LEWISTON LAKE*CVP | 14,660 | 14,110 | 13,810 | | PARDEE | 210,000 | 175,660 | 189,180 |
| | WHISKEYTOWN *CVP | 241,100 | 231,810 | 247,760 | SALT SPRINGS | 140,000 | 70,690 | 50,190 | |
| MCCLOUD | MCCLOUD DIV. RES | 35,230 | 29,030 | 28,250 | CALAVERAS | NEW HOGAN | 317,100 | 140,010 | 158,310 |
| PIT | IRON CANYON | 24,240 | 8,900 | 8,510 | | NEW MELONES*CVP | 2,420,000 | 1,470,530 | 1,427,230 |
| | LAKE BRITTON | 40,620 | 36,210 | 39,060 | | BEARDSLEY | 97,800 | 70,680 | 52,670 |
| | PIT NO. 6 | 15,890 | 14,180 | 15,170 | STANISLAUS | DONNELLS | 64,320 | 27,170 | 6,980 |
| SACRAMENTO | SHASTA LAKE *CVP | 4,552,000 | 4,059,790 | 4,536,620 | TULLOCH | | 67,000 | 60,660 | 60,830 |
| | SPRING CREEK *CVP | 5,900 | 1,260 | 4,000 | LAKE ELEANOR | 26,100 | 26,340 | 9,660 | |
| | KESWICK *CVP | 23,800 | 21,310 | 21,150 | LAKE LLOYD | 268,000 | 248,140 | 204,030 | |
| | RED BLUFF DIV *CVP | 3,920 | 380 | 1,890 | TUOLUMNE | HETCH-HETCHY | 360,400 | 260,100 | 238,060 |
| FEATHER | OROVILLE | 3,538,000 | 3,048,780 | 3,073,440 | NEW DON PEDRO | 2,030,000 | 1,688,040 | 1,509,050 | |
| | THERMALITO DIV RES | 13,500 | 12,640 | 13,110 | TURLOCK LAKE | 49,000 | 30,570 | 31,110 | |
| | THERMALITO FORE. | 14,400 | 10,110 | 11,210 | MERCED | EXCHEQUER | 1,024,600 | 576,020 | 433,050 |
| | THERMALITO AFTER. | 57,000 | 47,350 | 44,490 | CHOWCHILLA | BUCHANAN | 150,000 | 32,940 | 28,610 |
| STONY CREEK | LAKE ALMANOR | 1,143,000 | 912,450 | 918,440 | CRANE VALLEY | 45,400 | 37,270 | 41,010 | |
| | EAST PARK * | 50,900 | 48,370 | 48,870 | LAKE T.A. EDISON | 125,000 | 67,530 | 53,290 | |
| | STONY GORGE * | 50,000 | 47,070 | 48,930 | FLORENCE LAKE | 64,600 | 10,690 | 1,270 | |
| PUTAH CREEK | BLACK BUTTE *CVP | 143,700 | 111,900 | 129,080 | SAN JOAQUIN | MAMMOTH POOL | 122,700 | 65,480 | 30,360 |
| | LAKE BERRYESSA * | 1,602,300 | 1,577,670 | 1,617,750 | HUNTINGTON LAKE | 89,800 | 71,700 | 57,100 | |
| | LAKE SOLANO * | 720 | 680 | 670 | REDINGER LAKE | 35,000 | 24,560 | 23,670 | |
| YUBA | BULLARDS BAR | 930,000 | 780,070 | 892,840 | SHAVER LAKE | 135,400 | 88,410 | 84,530 | |
| | SO. YUBA SYSTEM | 146,000 | 94,410 | 81,540 | MILLERTON LK *CVP | 520,500 | 472,520 | 501,550 | |
| | NARROWS | 70,000 | 67,260 | 63,910 | FRESNO | HIDDEN | 90,000 | 26,790 | 29,770 |
| BEAR | ROLLINS | 65,990 | 65,990 | 65,990 | SAN LUIS **CVP | 2,040,600 | 1,768,140 | 18,186,780 | |
| LITTLE TRUCKEE | STAMPEDE * | 226,620 | 141,200 | 128,200 | O'NEILL FORE.**CVP | 56,400 | 44,530 | 45,630 | |
| | BOCA * | 41,140 | 24,400 | 23,700 | SAN LUIS | L BANOS RES**CVP | 34,560 | 20,390 | 20,490 |
| PROSSER | PROSSER CREEK * | 29,840 | 12,200 | 14,300 | LT PANOCHE **CVP | 5,580 | 810 | 810 | |
| TRUCKEE | LAKE TAHOE * | 732,000 | 123,800 | 136,000 | OIL CANYON | CONTRA LOMA *CVP | 2,100 | 2,060 | 2,090 |
| | RYE PATCH * | 190,000 | 31,300 | 28,200 | KINGS | WISHON | 128,300 | 53,050 | 44,740 |
| HUMBOLDT | | | | | PINE FLAT | 1,001,500 | 508,300 | 523,630 | |
| CARSON | LAHONTAN * | 317,280 | 222,000 | 219,300 | KAWEAH | TERMINUS | 143,000 | 104,120 | 100,610 |
| | TWIN LAKES | 21,600 | 13,230 | 15,510 | TULE | SUCCESS | 82,300 | 39,400 | 52,870 |
| | FRENCH MEADOWS | 136,400 | 89,160 | 91,310 | KERN | ISABELLA | 588,100 | 203,310 | 202,710 |
| AMERICAN | HELL HOLE | 207,590 | 183,110 | 172,540 | CUYAMA | TWITCHHELL * | 240,100 | NR | NA |
| | LOON LAKE | 76,500 | 58,900 | 36,210 | SANTA YNEZ | LAKE CACHUMA * | 190,500 | 100,290 | 126,760 |
| | ICE HOUSE | 46,000 | 35,280 | 29,460 | COYOTE | LAKE CASITAS * | 254,000 | 177,890 | 195,750 |
| | UNION VALLEY | 277,300 | 234,860 | 219,660 | TOTAL - 85 RESERVOIRS | | 33,715,700 | 24,444,375 | 41,939,987 |
| | SLAB CREEK | 16,600 | 13,650 | 36,210 | TOTAL - 36 RESERVOIRS | | 18,918,310 | 13,591,045 | 31,520,030 |
| | | | | | TOTAL - 18 RESERVOIRS | 13,498,510 | 11,084,175 | 28,265,350 | |

** - Joint State-Federal Reservoir

* - USBR Reservoir

CVP - Central Valley Project

NR - Not Reported

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

Table 3

APRIL 2004

SHASTA LAKE DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | RELEASE - C.F.S. | | | EVAPORATION C.F.S. | INCHES | PRECIP INCHES |
|------------------|----------|---------------------------|-----------------|-------------------------------|------------------|----------------|----------|-----------------------|-------------|------------------|
| | | 1000 ACRE-FEET IN LAKE | CHANGE | | POWER | RIVER SPILL | OUTLET | | | |
| | | 3,905.2 | | | | | | | | |
| 1 | 1,044.73 | 3,918.9 | +13.8 | 8,997 | 1,868 | 0 | 0 | 191 | .24 | .00 |
| 2 | 1,045.07 | 3,928.1 | +9.2 | 8,325 | 3,456 | 0 | 0 | 239 | .30 | .00 |
| 3 | 1,045.51 | 3,940.1 | +11.9 | 9,503 | 3,384 | 0 | 0 | 104 | .13 | .00 |
| 4 | 1,045.84 | 3,949.0 | +8.9 | 8,386 | 3,779 | 0 | 0 | 96 | .12 | .00 |
| 5 | 1,046.27 | 3,960.7 | +11.7 | 9,200 | 3,120 | 0 | 0 | 184 | .23 | .00 |
| 6 | 1,046.55 | 3,968.3 | +7.6 | 7,294 | 3,304 | 0 | 0 | 144 | .18 | .00 |
| 7 | 1,046.39 | 3,964.0 | -4.4 | 8,177 | 10,255 | 0 | 0 | 120 | .15 | .00 |
| 8 | 1,046.19 | 3,958.5 | -5.4 | 8,305 | 10,900 | 0 | 0 | 152 | .19 | .00 |
| 9 | 1,045.93 | 3,951.4 | -7.1 | 8,139 | 11,506 | 0 | 0 | 200 | .25 | .00 |
| 10 | 1,045.66 | 3,944.1 | -7.3 | 8,415 | 11,866 | 0 | 0 | 240 | .30 | .00 |
| 11 | 1,045.44 | 3,938.2 | -6.0 | 8,395 | 11,282 | 0 | 0 | 120 | .15 | .00 |
| 12 | 1,045.25 | 3,933.0 | -5.2 | 7,427 | 9,849 | 0 | 0 | 175 | .22 | .00 |
| 13 | 1,045.26 | 3,933.3 | +0.3 | 8,439 | 8,063 | 0 | 0 | 239 | .30 | .00 |
| 14 | 1,045.20 | 3,931.7 | -1.6 | 6,994 | 7,694 | 0 | 0 | 120 | .15 | .06 |
| 15 | 1,045.15 | 3,930.3 | -1.4 | 7,197 | 7,817 | 0 | 0 | 64 | .08 | .03 |
| 16 | 1,045.17 | 3,930.8 | +0.5 | 6,574 | 6,212 | 0 | 0 | 88 | .11 | .00 |
| 17 | 1,045.28 | 3,933.8 | +3.0 | 6,713 | 5,066 | 0 | 0 | 144 | .18 | .03 |
| 18 | 1,045.53 | 3,940.6 | +6.8 | 7,753 | 4,311 | 0 | 0 | 24 | .03 | .31 |
| 19 | 1,045.98 | 3,952.8 | +12.2 | 10,070 | 3,742 | 0 | 0 | 176 | .22 | .83 |
| 20 | 1,046.66 | 3,971.3 | +18.5 | 12,459 | 3,119 | 0 | 0 | 0 | .00 | 1.59 |
| 21 | 1,047.27 | 3,988.0 | +16.7 | 11,684 | 3,207 | 0 | 0 | 80 | .10 | .05 |
| 22 | 1,047.82 | 4,003.0 | +15.1 | 11,367 | 3,695 | 0 | 0 | 81 | .10 | .01 |
| 23 | 1,048.36 | 4,017.9 | +14.8 | 11,055 | 3,336 | 0 | 0 | 243 | .30 | .00 |
| 24 | 1,048.64 | 4,025.6 | +7.7 | 8,397 | 4,271 | 0 | 0 | 243 | .30 | .00 |
| 25 | 1,048.95 | 4,034.1 | +8.5 | 8,978 | 4,437 | 0 | 0 | 243 | .30 | .00 |
| 26 | 1,049.28 | 4,043.2 | +9.1 | 9,758 | 4,945 | 0 | 0 | 219 | .27 | .00 |
| 27 | 1,049.49 | 4,049.0 | +5.8 | 8,554 | 5,327 | 0 | 0 | 301 | .37 | .00 |
| 28 | 1,049.61 | 4,052.3 | +3.3 | 8,028 | 6,153 | 0 | 0 | 203 | .25 | .00 |
| 29 | 1,049.76 | 4,056.5 | +4.1 | 7,900 | 5,655 | 0 | 0 | 155 | .19 | .00 |
| 30 | 1,049.88 | 4,059.8 | +3.3 | 7,565 | 5,649 | 0 | 0 | 244 | .30 | .00 |
| TOTALS | | | +154.4 | 260,048 | 177,268 | 0 | 0 | 4,832 | 6.01 | 2.91 |
| ACRE-FEET | | | +154,400 | 515,805 | 351,611 | 0 | 0 | 9,584 | | |

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

SUMMARY

| | | | | |
|-------|---------------------|--------|---------|------------------------------|
| | RELEASE (ACRE-FEET) | | | PRECIPITATION |
| POWER | 351,611 | OUTLET | 0 | THIS MONTH = 2.91 |
| SPILL | 0 | TOTAL | 351,611 | JULY 1, 2003 TO DATE = 66.48 |

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

Table 4

APRIL 2004

TRINITY LAKE DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | POWER | RELEASE - C.F.S. | | EVAPORATION | | PRECIP INCHES (1) |
|------------------|----------|---------------------------|----------------|-------------------------------|----------------|------------------|--------------|--------------|---------------|-------------------------|
| | | 1000 ACRE-FEET IN LAKE | CHANGE | | | SPILL | OUTLET | C.F.S. | INCHES (1) | |
| | | 2,151.7 | | | | | | | | |
| 1 | 2,351.29 | 2,153.4 | +1.7 | 3,732 | 2,115 | 0 | 742 | 36 | .08 | .00 |
| 2 | 2,351.45 | 2,155.8 | +2.4 | 3,420 | 2,132 | 0 | 0 | 67 | .15 | .00 |
| 3 | 2,351.63 | 2,158.5 | +2.7 | 3,581 | 2,119 | 0 | 0 | 89 | .20 | .00 |
| 4 | 2,351.89 | 2,162.4 | +3.9 | 4,182 | 2,119 | 0 | 0 | 80 | .18 | .00 |
| 5 | 2,352.19 | 2,167.0 | +4.5 | 4,482 | 2,113 | 0 | 0 | 76 | .17 | .00 |
| 6 | 2,352.50 | 2,171.7 | +4.7 | 4,566 | 2,113 | 0 | 0 | 80 | .18 | .00 |
| 7 | 2,352.83 | 2,176.7 | +5.0 | 4,611 | 2,012 | 0 | 1 | 72 | .16 | .00 |
| 8 | 2,353.15 | 2,181.6 | +4.9 | 4,627 | 2,102 | 0 | 0 | 72 | .16 | .00 |
| 9 | 2,353.41 | 2,185.5 | +4.0 | 4,811 | 2,724 | 0 | 0 | 90 | .20 | .00 |
| 10 | 2,353.70 | 2,189.9 | +4.4 | 4,799 | 2,298 | 0 | 193 | 81 | .18 | .00 |
| 11 | 2,353.91 | 2,193.1 | +3.2 | 4,552 | 2,845 | 0 | 0 | 94 | .21 | .00 |
| 12 | 2,354.07 | 2,195.6 | +2.4 | 4,711 | 3,390 | 0 | 0 | 90 | .20 | .00 |
| 13 | 2,354.18 | 2,197.3 | +1.7 | 4,711 | 3,764 | 0 | 0 | 99 | .22 | .00 |
| 14 | 2,354.33 | 2,199.6 | +2.3 | 4,296 | 3,063 | 0 | 0 | 76 | .17 | .01 |
| 15 | 2,354.48 | 2,201.9 | +2.3 | 3,658 | 2,475 | 0 | 0 | 27 | .06 | .07 |
| 16 | 2,354.54 | 2,202.8 | +0.9 | 3,406 | 2,939 | 0 | 0 | 4 | .01 | .21 |
| 17 | 2,354.58 | 2,203.4 | +0.6 | 2,796 | 2,461 | 0 | 0 | 27 | .06 | .23 |
| 18 | 2,354.53 | 2,202.6 | -0.8 | 2,720 | 3,101 | 0 | 0 | 4 | .01 | .04 |
| 19 | 2,354.57 | 2,203.2 | +0.6 | 3,103 | 2,791 | 0 | 0 | 4 | .01 | .12 |
| 20 | 2,354.64 | 2,204.3 | +1.1 | 2,908 | 2,368 | 0 | 0 | 0 | .00 | .51 |
| 21 | 2,354.72 | 2,205.5 | +1.2 | 2,917 | 2,277 | 0 | 0 | 23 | .05 | .20 |
| 22 | 2,354.79 | 2,206.6 | +1.1 | 2,737 | 2,112 | 0 | 0 | 86 | .19 | .00 |
| 23 | 2,354.76 | 2,206.1 | -0.5 | 2,765 | 2,933 | 0 | 0 | 63 | .14 | .00 |
| 24 | 2,354.82 | 2,207.1 | +0.9 | 2,881 | 2,355 | 0 | 0 | 63 | .14 | .00 |
| 25 | 2,354.93 | 2,208.7 | +1.7 | 3,470 | 2,532 | 0 | 0 | 90 | .20 | .00 |
| 26 | 2,355.10 | 2,211.3 | +2.6 | 4,442 | 3,030 | 0 | 0 | 99 | .22 | .00 |
| 27 | 2,355.39 | 2,215.8 | +4.5 | 5,372 | 3,038 | 0 | 0 | 90 | .20 | .00 |
| 28 | 2,355.71 | 2,220.7 | +4.9 | 5,931 | 3,311 | 0 | 0 | 145 | .32 | .00 |
| 29 | 2,355.88 | 2,223.3 | +2.6 | 4,708 | 3,253 | 0 | 0 | 140 | .31 | .00 |
| 30 | 2,356.07 | 2,226.2 | +2.9 | 4,374 | 2,798 | 0 | 0 | 104 | .23 | .00 |
| TOTALS | | | +74.4 | 119,269 | 78,683 | 0 | 936 | 2,071 | 4.61 | 1.39 |
| ACRE-FEET | | | +74,400 | 236,570 | 156,068 | 0 | 1,857 | 4,108 | | |

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

(1) EVAPORATION AND PRECIPITATION RECORDS TAKEN FROM STATION AT TRINITY RIVER HATCHERY.

SUMMARY

| | | | | | |
|-------|---------|--------|---------|------------------------|-------|
| POWER | 156,068 | OUTLET | 1,857 | PRECIPITATION | |
| SPILL | 0 | TOTAL | 157,925 | THIS MONTH = | 1.39 |
| | | | | JULY 1, 2003 TO DATE = | 31.93 |

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

Table 5

APRIL 2004

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE 1000 ACRE-FEET IN LAKE | STORAGE CHANGE | COMPUTED INFLOW C.F.S. * | FROM JUDGE FRANCIS CARR PP | CLEAR CR. NATURAL FLOW | RELEASE - C.F.S. — TO CLEAR CR — (1) OUTLETS | SPILL | TO SPRING CR. PP | EVAP. C.F.S. INCHES | PRECIP INCHES | |
|------------------|----------|--------------------------------------|-------------------|--------------------------------|-------------------------------------|---------------------------------|---|----------|------------------------|------------------------|------------------|-------------|
| | | 206.1 | | | | | | | | | | |
| 1 | 1,198.80 | 206.6 | +0.5 | 2,888 | 2,259 | 629 | 200 | 0 | 2,437 | 13 | .15 | .00 |
| 2 | 1,198.71 | 206.3 | -0.3 | 2,477 | 1,943 | 534 | 200 | 0 | 2,395 | 16 | .18 | .00 |
| 3 | 1,198.40 | 205.4 | -0.9 | 2,311 | 1,828 | 483 | 200 | 0 | 2,560 | 12 | .14 | .00 |
| 4 | 1,198.36 | 205.3 | -0.1 | 2,054 | 1,612 | 442 | 200 | 0 | 1,913 | 0 | .00 | .00 |
| 5 | 1,198.36 | 205.3 | +0.0 | 2,061 | 1,634 | 427 | 200 | 0 | 1,852 | 9 | .10 | .00 |
| 6 | 1,198.42 | 205.4 | +0.2 | 2,124 | 1,698 | 426 | 200 | 0 | 1,826 | 9 | .10 | .00 |
| 7 | 1,198.46 | 205.6 | +0.1 | 2,020 | 1,713 | 307 | 200 | 0 | 1,744 | 17 | .20 | .00 |
| 8 | 1,198.44 | 205.5 | -0.1 | 2,035 | 1,715 | 320 | 200 | 0 | 1,852 | 13 | .15 | .00 |
| 9 | 1,198.53 | 205.8 | +0.3 | 2,812 | 2,395 | 417 | 200 | 0 | 2,465 | 13 | .15 | .00 |
| 10 | 1,198.50 | 205.7 | -0.1 | 2,601 | 2,202 | 399 | 200 | 0 | 2,412 | 33 | .38 | .00 |
| 11 | 1,198.64 | 206.1 | +0.4 | 2,844 | 2,475 | 369 | 200 | 0 | 2,403 | 33 | .38 | .00 |
| 12 | 1,199.38 | 208.3 | +2.2 | 3,328 | 2,977 | 351 | 200 | 0 | 2,012 | 12 | .14 | .00 |
| 13 | 1,200.45 | 211.5 | +3.2 | 3,873 | 3,488 | 385 | 200 | 0 | 2,053 | 13 | .15 | .00 |
| 14 | 1,200.96 | 213.0 | +1.5 | 3,032 | 2,609 | 423 | 200 | 0 | 2,058 | 4 | .05 | .10 |
| 15 | 1,201.06 | 213.3 | +0.3 | 2,413 | 2,077 | 336 | 200 | 0 | 2,061 | 0 | .00 | .07 |
| 16 | 1,201.50 | 214.6 | +1.3 | 2,931 | 2,579 | 352 | 200 | 0 | 2,058 | 3 | .03 | .00 |
| 17 | 1,201.73 | 215.3 | +0.7 | 2,576 | 2,213 | 363 | 200 | 0 | 2,027 | 0 | .00 | .01 |
| 18 | 1,202.32 | 217.1 | +1.8 | 3,132 | 2,770 | 362 | 200 | 0 | 2,031 | 0 | .00 | .02 |
| 19 | 1,203.01 | 219.2 | +2.1 | 3,279 | 2,434 | 845 | 200 | 0 | 2,021 | 0 | .00 | 1.39 |
| 20 | 1,203.31 | 220.1 | +0.9 | 2,686 | 2,022 | 664 | 200 | 0 | 2,023 | 0 | .00 | 2.62 |
| 21 | 1,203.43 | 220.5 | +0.4 | 2,405 | 1,947 | 458 | 200 | 0 | 2,020 | 0 | .00 | .12 |
| 22 | 1,203.64 | 221.1 | +0.6 | 2,560 | 2,132 | 428 | 200 | 0 | 2,021 | 15 | .17 | .01 |
| 23 | 1,204.26 | 223.0 | +1.9 | 3,195 | 2,778 | 417 | 200 | 0 | 2,020 | 15 | .17 | .00 |
| 24 | 1,204.24 | 223.0 | -0.1 | 2,221 | 1,849 | 372 | 200 | 0 | 2,021 | 31 | .34 | .00 |
| 25 | 1,204.54 | 223.9 | +0.9 | 2,693 | 2,345 | 348 | 200 | 0 | 2,020 | 6 | .07 | .00 |
| 26 | 1,205.11 | 225.7 | +1.8 | 3,125 | 2,777 | 348 | 200 | 0 | 2,023 | 14 | .15 | .00 |
| 27 | 1,205.67 | 227.4 | +1.7 | 3,104 | 2,782 | 322 | 200 | 0 | 2,009 | 18 | .20 | .00 |
| 28 | 1,206.29 | 229.3 | +1.9 | 3,192 | 2,963 | 229 | 200 | 0 | 2,017 | 0 | .00 | .00 |
| 29 | 1,206.76 | 230.8 | +1.5 | 2,990 | 2,685 | 305 | 200 | 0 | 2,034 | 14 | .15 | .00 |
| 30 | 1,207.08 | 231.8 | +1.0 | 2,735 | 2,446 | 289 | 200 | 0 | 2,015 | 14 | .15 | .00 |
| TOTALS | | | +25.6 | 81,697 | 69,347 | 12,350 | 6,000 | 0 | 62,403 | 327 | 3.70 | 4.34 |
| ACRE-FEET | | | +25.6 | 162,046 | 137,550 | 24,496 | 11,901 | 0 | 123,776 | 649 | | |

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

(1) WATER TO CLEAR CREEK BEING DISCHARGED THROUGH 972.00-1110.00 ELEVATION OUTLET.

SUMMARY

| | RELEASE (ACRE-FEET) | | | PRECIPITATION | |
|-------|---------------------|--------|---------|----------------------|-------|
| POWER | 123,776 | OUTLET | 11,901 | THIS MONTH | 4.34 |
| SPILL | 0 | TOTAL | 135,677 | JULY 1, 2003 TO DATE | 59.51 |

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

Table 6

APRIL 2004

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | RELEASE - C.F.S. | | | JUDGE FRANCIS CARR POWERPLANT | EVAPORATION (2) | |
|------------------|----------|---------|-------------|-------------------------------|------------------|-------------------------|---------------|-------------------------------------|--------------------|-------------|
| | | IN LAKE | CHANGE | | POWER | RIVER OUTLETS (1) | SPILL | | C.F.S. | INCHES |
| | | 13,639 | | | | | | | | |
| 1 | 1,901.39 | 14,203 | +564 | 2,845 | 80 | 30 | 190 | 2,259 | 2 | .08 |
| 2 | 1,900.67 | 13,668 | -535 | 1,976 | 80 | 30 | 190 | 1,943 | 3 | .15 |
| 3 | 1,900.32 | 13,411 | -257 | 2,002 | 80 | 30 | 190 | 1,828 | 4 | .20 |
| 4 | 1,900.58 | 13,602 | +191 | 2,012 | 80 | 30 | 190 | 1,612 | 4 | .18 |
| 5 | 1,900.77 | 13,742 | +140 | 2,009 | 80 | 30 | 190 | 1,634 | 4 | .17 |
| 6 | 1,900.78 | 13,749 | +7 | 2,006 | 80 | 30 | 190 | 1,698 | 4 | .18 |
| 7 | 1,900.65 | 13,653 | -96 | 1,968 | 80 | 30 | 190 | 1,713 | 3 | .16 |
| 8 | 1,900.78 | 13,749 | +96 | 2,066 | 80 | 30 | 190 | 1,715 | 3 | .16 |
| 9 | 1,900.79 | 13,756 | +7 | 2,703 | 80 | 30 | 190 | 2,395 | 4 | .20 |
| 10 | 1,900.58 | 13,602 | -154 | 2,428 | 80 | 30 | 190 | 2,202 | 4 | .18 |
| 11 | 1,900.84 | 13,793 | +191 | 2,876 | 80 | 30 | 190 | 2,475 | 5 | .21 |
| 12 | 1,900.82 | 13,779 | -14 | 3,274 | 80 | 30 | 190 | 2,977 | 4 | .20 |
| 13 | 1,900.48 | 13,528 | -251 | 3,666 | 80 | 30 | 190 | 3,488 | 5 | .22 |
| 14 | 1,900.72 | 13,705 | +177 | 3,002 | 80 | 30 | 190 | 2,609 | 4 | .17 |
| 15 | 1,901.12 | 14,001 | +296 | 2,527 | 80 | 30 | 190 | 2,077 | 1 | .06 |
| 16 | 1,901.14 | 14,016 | +15 | 2,887 | 80 | 30 | 190 | 2,579 | 0 | .01 |
| 17 | 1,901.02 | 13,926 | -90 | 2,469 | 80 | 30 | 190 | 2,213 | 1 | .06 |
| 18 | 1,901.08 | 13,971 | +45 | 3,093 | 80 | 30 | 190 | 2,770 | 0 | .01 |
| 19 | 1,901.30 | 14,135 | +164 | 2,817 | 80 | 30 | 190 | 2,434 | 0 | .01 |
| 20 | 1,901.56 | 14,330 | +195 | 2,420 | 80 | 30 | 190 | 2,022 | 0 | .00 |
| 21 | 1,901.65 | 14,397 | +67 | 2,282 | 80 | 30 | 190 | 1,947 | 1 | .05 |
| 22 | 1,900.96 | 13,882 | -515 | 2,176 | 77 | 30 | 193 | 2,132 | 4 | .19 |
| 23 | 1,900.52 | 13,558 | -324 | 2,918 | 0 | 30 | 270 | 2,778 | 3 | .14 |
| 24 | 1,901.34 | 14,165 | +607 | 2,458 | 0 | 30 | 270 | 1,849 | 3 | .14 |
| 25 | 1,901.05 | 13,948 | -217 | 2,540 | 0 | 30 | 270 | 2,345 | 4 | .20 |
| 26 | 1,900.79 | 13,756 | -192 | 2,985 | 0 | 110 | 190 | 2,777 | 5 | .22 |
| 27 | 1,900.68 | 13,675 | -81 | 3,045 | 5 | 110 | 185 | 2,782 | 4 | .20 |
| 28 | 1,900.55 | 13,580 | -95 | 3,222 | 35 | 75 | 190 | 2,963 | 7 | .32 |
| 29 | 1,901.05 | 13,948 | +368 | 3,178 | 80 | 30 | 190 | 2,685 | 7 | .31 |
| 30 | 1,901.27 | 14,113 | +165 | 2,834 | 80 | 30 | 190 | 2,446 | 5 | .23 |
| TOTALS | | | +474 | 78,684 | 1,957 | 1,105 | 5,938 | 69,347 | 98 | 4.61 |
| ACRE-FEET | | | +474 | 156,070 | 3,882 | 2,192 | 11,778 | 137,550 | 194 | |

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

(1) OUTLET RELEASE INCLUDES THE CONTINUOUS FISH RELEASE OF 75 C.F.S.

(2) INCHES OF EVAPORATION TAKEN FROM PAN AT TRINITY RIVER HATCHERY

| SUMMARY | | | |
|---------------------|--------|-------------------------------|---------|
| RELEASE (ACRE-FEET) | | | |
| TOTAL POWER | 3,882 | JUDGE FRANCIS CARR POWERPLANT | 137,550 |
| TOTAL RIVER | 17,852 | TOTAL RELEASE | 155,402 |

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

Table 7

APRIL 2004

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | RELEASE - C.F.S. | | — SPRING CR DEBRIS DAM — | | | **KES COPPER MG/L |
|------------------|--------|----------------------|-------------|-------------------------------|------------------|------------|--------------------------|--------|------|-------------------------|
| | | ACRE-FEET IN LAKE | CHANGE | | SPILL | OUTLET | TIME | COPPER | ZINC | |
| | | 1,103 | | | | | | | | |
| 1 | 716.34 | 1,059 | -44 | 8 | 0 | 30 | | | | |
| 2 | 714.87 | 1,011 | -48 | 6 | 0 | 30 | | | | |
| 3 | 713.27 | 960 | -51 | 4 | 0 | 30 | | | | |
| 4 | 711.43 | 904 | -56 | 2 | 0 | 30 | | | | |
| 5 | 708.93 | 831 | -73 | -7 | 0 | 30 | | | | |
| 6 | 707.83 | 800 | -31 | 1 | 0 | 17 | | | | |
| 7 | 709.94 | 859 | +59 | 30 | 0 | 0 | | | | |
| 8 | 711.07 | 893 | +34 | 17 | 0 | 0 | | | | |
| 9 | 712.04 | 922 | +29 | 15 | 0 | 0 | | | | |
| 10 | 712.92 | 949 | +27 | 14 | 0 | 0 | | | | |
| 11 | 713.69 | 973 | +24 | 12 | 0 | 0 | | | | |
| 12 | 714.39 | 995 | +22 | 11 | 0 | 0 | | | | |
| 13 | 715.08 | 1,018 | +23 | 12 | 0 | 0 | | | | |
| 14 | 715.84 | 1,043 | +25 | 13 | 0 | 0 | | | | |
| 15 | 716.43 | 1,062 | +19 | 10 | 0 | 0 | | | | |
| 16 | 716.52 | 1,065 | +3 | 8 | 0 | 6 | | | | |
| 17 | 716.35 | 1,060 | -5 | 7 | 0 | 10 | | | | |
| 18 | 716.35 | 1,060 | +0 | 10 | 0 | 10 | | | | |
| 19 | 718.30 | 1,126 | +66 | 43 | 0 | 10 | | | | |
| 20 | 720.73 | 1,212 | +86 | 53 | 0 | 10 | | | | |
| 21 | 721.55 | 1,242 | +30 | 25 | 0 | 10 | | | | |
| 22 | 722.01 | 1,259 | +17 | 20 | 0 | 11 | | | | |
| 23 | 722.32 | 1,271 | +12 | 17 | 0 | 11 | | | | |
| 24 | 722.41 | 1,274 | +3 | 13 | 0 | 11 | | | | |
| 25 | 722.48 | 1,277 | +3 | 14 | 0 | 12 | | | | |
| 26 | 722.48 | 1,277 | +0 | 12 | 0 | 12 | | | | |
| 27 | 722.43 | 1,275 | -2 | 11 | 0 | 12 | | | | |
| 28 | 722.34 | 1,272 | -3 | 10 | 0 | 12 | | | | |
| 29 | 722.20 | 1,266 | -6 | 7 | 0 | 10 | | | | |
| 30 | 722.04 | 1,260 | -6 | 7 | 0 | 10 | | | | |
| TOTALS | | | +157 | 405 | 0 | 324 | | | | |
| ACRE-FEET | | | +157 | 803 | 0 | 643 | | | | |

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

SUMMARY

RELEASE (ACRE-FEET)

| | |
|--------|-----|
| SPILL | 0 |
| OUTLET | 643 |
| TOTAL | 643 |

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

Table 8

APRIL 2004

KESWICK RESERVOIR DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE ACRE-FEET RES. | CHANGE | COMPUTED* INFLOW C.F.S. | SPRING CR. P. P. RELEASE | SHASTA RELEASE C.F.S | POWER | RELEASE - C.F.S. SPILL | FISHTRAP | EVAP C.F.S. (1) |
|------------------|--------|------------------------------|-------------|-------------------------------|--------------------------------|----------------------------|----------------|---------------------------|--------------|-----------------------|
| | | 20,877 | | | | | | | | |
| 1 | 582.00 | 20,686 | -191 | 4,533 | 2,437 | 1,868 | 4,540 | 0 | 85 | 4 |
| 2 | 582.71 | 21,110 | +424 | 6,251 | 2,395 | 3,456 | 5,947 | 0 | 85 | 5 |
| 3 | 583.40 | 21,526 | +416 | 6,177 | 2,560 | 3,384 | 5,880 | 0 | 85 | 2 |
| 4 | 583.87 | 21,811 | +285 | 6,167 | 1,913 | 3,779 | 5,936 | 0 | 85 | 2 |
| 5 | 583.14 | 21,368 | -443 | 5,833 | 1,852 | 3,120 | 5,967 | 0 | 85 | 4 |
| 6 | 582.95 | 21,253 | -115 | 6,082 | 1,826 | 3,304 | 6,052 | 0 | 85 | 3 |
| 7 | 581.61 | 20,457 | -796 | 12,118 | 1,744 | 10,255 | 12,431 | 0 | 85 | 3 |
| 8 | 579.97 | 19,507 | -950 | 12,950 | 1,852 | 10,900 | 13,341 | 0 | 85 | 3 |
| 9 | 580.68 | 19,916 | +409 | 14,125 | 2,465 | 11,506 | 13,830 | 0 | 85 | 4 |
| 10 | 582.43 | 20,943 | +1,027 | 14,425 | 2,412 | 11,866 | 13,817 | 0 | 85 | 5 |
| 11 | 582.16 | 20,782 | -161 | 13,735 | 2,403 | 11,282 | 13,728 | 0 | 85 | 3 |
| 12 | 583.29 | 21,459 | +677 | 12,355 | 2,012 | 9,849 | 11,925 | 0 | 85 | 4 |
| 13 | 584.06 | 21,927 | +468 | 10,560 | 2,053 | 8,063 | 10,234 | 0 | 85 | 5 |
| 14 | 583.70 | 21,708 | -219 | 10,170 | 2,058 | 7,694 | 10,192 | 0 | 85 | 3 |
| 15 | 584.02 | 21,902 | +194 | 10,306 | 2,061 | 7,817 | 10,122 | 0 | 85 | 1 |
| 16 | 584.35 | 22,106 | +204 | 8,802 | 2,058 | 6,212 | 8,612 | 0 | 85 | 2 |
| 17 | 584.60 | 22,260 | +154 | 7,659 | 2,027 | 5,066 | 7,493 | 0 | 85 | 3 |
| 18 | 585.78 | 22,997 | +737 | 6,852 | 2,031 | 4,311 | 6,394 | 0 | 85 | 1 |
| 19 | 586.37 | 23,371 | +374 | 6,234 | 2,021 | 3,742 | 5,956 | 0 | 85 | 4 |
| 20 | 585.48 | 22,808 | -563 | 5,749 | 2,023 | 3,119 | 5,948 | 0 | 85 | 0 |
| 21 | 584.33 | 22,094 | -714 | 5,681 | 2,020 | 3,207 | 5,954 | 0 | 85 | 2 |
| 22 | 584.83 | 22,402 | +308 | 6,204 | 2,021 | 3,695 | 5,962 | 0 | 85 | 2 |
| 23 | 583.88 | 21,817 | -585 | 5,820 | 2,020 | 3,336 | 6,025 | 0 | 85 | 5 |
| 24 | 584.47 | 22,180 | +363 | 6,837 | 2,021 | 4,271 | 6,564 | 0 | 85 | 5 |
| 25 | 583.89 | 21,823 | -357 | 6,913 | 2,020 | 4,437 | 7,003 | 0 | 85 | 5 |
| 26 | 583.55 | 21,617 | -206 | 7,414 | 2,023 | 4,945 | 7,428 | 0 | 85 | 5 |
| 27 | 583.74 | 21,732 | +115 | 7,864 | 2,009 | 5,327 | 7,714 | 0 | 85 | 7 |
| 28 | 585.69 | 22,940 | +1,208 | 8,669 | 2,017 | 6,153 | 7,970 | 0 | 85 | 5 |
| 29 | 584.51 | 22,205 | -735 | 8,115 | 2,034 | 5,655 | 8,398 | 0 | 85 | 3 |
| 30 | 583.05 | 21,313 | -892 | 8,033 | 2,015 | 5,649 | 8,393 | 0 | 85 | 5 |
| TOTALS | | | +436 | 252,633 | 62,403 | 177,268 | 249,756 | 0 | 2,550 | 105 |
| ACRE-FEET | | | +436 | 501,098 | 123,776 | 351,611 | 495,391 | 0 | 5,058 | 208 |

*COMPUTED INFLOW IS SUM OF CHANGE IN STORAGE, RELEASES, AND EVAPORATION.
 (1) EVAPORATION RECORDS TAKEN FROM SHASTA PAN.

SUMMARY
 RELEASE (ACRE-FEET)

| | |
|-----------|---------|
| POWER | 495,391 |
| SPILL | 0 |
| FISH TRAP | 5,058 |

APRIL 2004

RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEVATION | STORAGE | | RELEASE C.F.S | | RELEASE TO SACTO RIVER |
|------------------|-----------|---------|------------------|---------------|---------------------|------------------------|
| | | IN LAKE | ACRE-FEET CHANGE | CORNING CANAL | TEHAMA COLUSA CANAL | |
| | | 321 | | | | |
| 1 | 238.68 | 317 | -4 | 18 | 269 | 8,335 |
| 2 | 238.66 | 315 | -2 | 12 | 270 | 8,116 |
| 3 | 238.70 | 319 | +4 | 0 | 269 | 8,412 |
| 4 | 238.70 | 319 | +0 | 16 | 243 | 8,629 |
| 5 | 238.79 | 329 | +10 | 16 | 211 | 8,734 |
| 6 | 238.81 | 331 | +2 | 42 | 211 | 8,647 |
| 7 | 238.93 | 343 | +12 | 33 | 245 | 8,993 |
| 8 | 239.84 | 451 | +108 | 41 | 159 | 15,677 |
| 9 | 239.96 | 465 | +14 | 27 | 267 | 16,124 |
| 10 | 240.15 | 491 | +26 | 34 | 249 | 16,781 |
| 11 | 240.20 | 498 | +7 | 39 | 213 | 17,129 |
| 12 | 240.09 | 482 | -16 | 20 | 262 | 16,837 |
| 13 | 240.35 | 518 | +36 | 27 | 213 | 17,336 |
| 14 | 240.00 | 470 | -48 | 9 | 313 | 15,112 |
| 15 | 239.98 | 468 | -2 | 6 | 306 | 14,763 |
| 16 | 239.96 | 465 | -3 | 10 | 310 | 14,584 |
| 17 | 240.00 | 470 | +5 | 6 | 335 | 14,612 |
| 18 | 239.18 | 372 | -98 | 15 | 306 | 9,426 |
| 19 | 238.85 | 335 | -37 | 4 | 322 | 8,365 |
| 20 | 238.77 | 327 | -8 | 16 | 311 | 8,019 |
| 21 | 239.01 | 351 | +24 | 15 | 305 | 8,394 |
| 22 | 239.00 | 350 | -1 | 12 | 252 | 8,621 |
| 23 | 238.87 | 337 | -13 | 35 | 365 | 8,114 |
| 24 | 238.80 | 330 | -7 | 50 | 306 | 7,883 |
| 25 | 238.77 | 327 | -3 | 69 | 323 | 7,641 |
| 26 | 238.85 | 335 | +8 | 52 | 339 | 8,293 |
| 27 | 238.88 | 338 | +3 | 59 | 244 | 8,374 |
| 28 | 239.10 | 362 | +24 | 60 | 220 | 9,487 |
| 29 | 239.14 | 367 | +5 | 49 | 218 | 9,673 |
| 30 | 239.28 | 384 | +17 | 11 | 312 | 10,262 |
| TOTALS | | | +63 | 803 | 8,168 | 331,373 |
| ACRE-FEET | | | +63 | 1,593 | 16,201 | 657,278 |

SUMMARY

RELEASE (ACRE-FEET)

| | |
|---------------------|----------------|
| CORNING CANAL | 1,593 |
| TEHAMA-COLUSA CANAL | 16,201 |
| TO SACTO RIVER | 657,278 |
| TOTAL | 675,072 |

Table 10

CORPS OF ENGINEERS, U.S. ARMY
Sacramento District Sacramento, California

DAILY OPERATION OF BLACK BUTTE RESERVOIR, STONY CREEK, CALIFORNIA

April 2004

| Date | Midnight | Storage (ac-ft) | Storage Change (ac-ft) | Mean Inflow (sfd) | Mean Outflow ----- | | | | Gross Evap (ac-ft) | Pan Evap (in) | Prec (in) | Total U S Storage (ac-ft) | Top Con Storage (ac-ft) |
|--------|--------------|--------------------|------------------------------|-------------------------|--------------------|----------------|--------------|--------------|--------------------------|---------------------|--------------|---------------------------------|-------------------------------|
| | Elev (ft) | | | | Total (sfd) | River (sfd) | [1] (sfd) | [2] (sfd) | | | | | |
| 1 | 468.33 | 114589 | 398 | 602 | 362 | 169 | 193 | 0 | 78 | 0.35 | 0 | 97884 | 115500 |
| 2 | 468.42 | 114948 | 359 | 623 | 405.7 | 193 | 209 | 3.7 | 72 | 0.32 | 0 | 97893 | 118300 |
| 3 | 468.49 | 115227 | 279 | 587 | 429 | 197 | 227 | 5 | 34 | 0.15 | 0 | 97880 | 121100 |
| 4 | 468.52 | 115347 | 120 | 569 | 486 | 288 | 193 | 5 | 45 | 0.2 | 0 | 97841 | 123800 |
| 5 | 468.55 | 115467 | 120 | 597 | 523 | 337 | 181 | 5 | 27 | 0.12 | 0 | 97815 | 126600 |
| 6 | 468.57 | 115548 | 81 | 570 | 514 | 338 | 171 | 5 | 31 | 0.14 | 0 | 97789 | 129200 |
| 7 | 468.52 | 115347 | -201 | 557 | 628 | 453 | 170 | 5 | 60 | 0.27 | 0 | 97720 | 131600 |
| 8 | 468.46 | 115108 | -239 | 554 | 636 | 482 | 149 | 5 | 76 | 0.34 | 0 | 97630 | 133200 |
| 9 | 468.41 | 114908 | -200 | 548 | 598 | 467 | 126 | 5 | 101 | 0.45 | 0 | 97497 | 134000 |
| 10 | 468.37 | 114748 | -160 | 530 | 567 | 460 | 102 | 5 | 87 | 0.39 | 0 | 97370 | 135000 |
| 11 | 468.35 | 114669 | -79 | 517 | 528 | 444 | 79 | 5 | 58 | 0.26 | 0 | 97268 | 135700 |
| 12 | 468.33 | 114589 | -80 | 512 | 528 | 446 | 77 | 5 | 49 | 0.22 | 0 | 97072 | 136100 |
| 13 | 468.38 | 114788 | 199 | 521 | 397 | 310 | 82 | 5 | 47 | 0.21 | 0 | 96877 | 136200 |
| 14 | 468.44 | 115028 | 240 | 527 | 378 | 273 | 100 | 5 | 56 | 0.25 | 0 | 96605 | 136200 |
| 15 | 468.47 | 115148 | 120 | 500 | 419 | 270 | 144 | 5 | 40 | 0.18 | 0 | 96351 | 136200 |
| 16 | 468.52 | 115347 | 199 | 530 | 414 | 245 | 164 | 5 | 31 | 0.14 | 0.03 | 96284 | 136200 |
| 17 | 468.55 | 115467 | 120 | 537 | 468 | 249 | 214 | 5 | 16 | 0.07 | 0.1 | 96252 | 136200 |
| 18 | 468.48 | 115188 | -279 | 316 | 448 | 244 | 199 | 5 | 18 | 0.08 | 0.03 | 96602 | 136200 |
| 19 | 468.33 | 114589 | -599 | 214 | 509 | 347 | 157 | 5 | 13 | 0.06 | 0.01 | 96996 | 136200 |
| 20 | 468.18 | 113992 | -597 | 241 | 518 | 379 | 134 | 5 | 47 | 0.21 | 0 | 97453 | 136200 |
| 21 | 468.06 | 113516 | -476 | 301 | 512 | 379 | 128 | 5 | 58 | 0.26 | 0 | 97284 | 136200 |
| 22 | 468.09 | 113635 | 119 | 522 | 430 | 302 | 123 | 5 | 64 | 0.29 | 0 | 97093 | 136200 |
| 23 | 468.12 | 113754 | 119 | 511 | 413 | 267 | 141 | 5 | 76 | 0.34 | 0 | 96470 | 136200 |
| 24 | 468.17 | 113952 | 198 | 540 | 394 | 245 | 144 | 5 | 91 | 0.41 | 0 | 96699 | 136200 |
| 25 | 468.23 | 114191 | 239 | 495 | 340 | 225 | 110 | 5 | 69 | 0.31 | 0 | 96890 | 136200 |
| 26 | 468.29 | 114430 | 239 | 489 | 333 | 234 | 94 | 5 | 71 | 0.32 | 0 | 96249 | 136200 |
| 27 | 468.28 | 114390 | -40 | 516 | 496 | 352 | 139 | 5 | 80 | 0.36 | 0 | 96005 | 136200 |
| 28 | 468.1 | 113674 | -716 | 431 | 738 | 573 | 160 | 5 | 107 | 0.48 | 0 | 97022 | 136200 |
| 29 | 467.91 | 112922 | -752 | 494 | 827 | 650 | 172 | 5 | 91 | 0.41 | 0 | 95362 | 136200 |
| 30 | 467.65 | 111896 | -1026 | 481 | 964 | 788 | 171 | 5 | 68 | 0.31 | 0 | 95105 | 136200 |
| Totals | (sfd) | | | 14932 | 15202.7 | 10606 | 4453 | 143.7 | | | | | |
| Totals | (ac-ft) | | -2295 | 29618 | 30154.6 | 21037 | | | 1761 | | | | |
| Totals | (inches) | | | | | | | | | 7.9 | 0.17 | | |

[1] South Diversion Canal, [2] Wakerman Ranch Diversion above South Diversion Canal Measuring Weir

*** Preliminary - Data Subject to Revision ***

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

Table 11

APRIL 2004

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | POWER | RELEASE - C.F.S. | | PUMPING PLANT | EVAPORATION | | PRECIP INCHES |
|------------------|--------|---------------------------|----------------|-------------------------------|----------------|------------------|------------|------------------|--------------|-------------|------------------|
| | | 1000 ACRE-FEET IN LAKE | CHANGE | | | RIVER SPILL | OUTLET | | C.F.S. | INCHES | |
| | | 706.6 | | | | | | | | | |
| 1 | 440.09 | 707.2 | +0.7 | 3,613 | 3,084 | 0 | 0 | 138 | 51 | .16 | .00 |
| 2 | 440.22 | 708.5 | +1.3 | 3,833 | 3,015 | 0 | 0 | 135 | 51 | .16 | .00 |
| 3 | 440.31 | 709.3 | +0.9 | 3,902 | 3,228 | 0 | 0 | 144 | 93 | .29 | .00 |
| 4 | 440.44 | 710.6 | +1.3 | 3,877 | 3,045 | 0 | 0 | 131 | 70 | .22 | .00 |
| 5 | 440.71 | 713.2 | +2.6 | 4,661 | 3,126 | 0 | 0 | 152 | 71 | .22 | .00 |
| 6 | 440.41 | 710.3 | -2.9 | 3,907 | 5,146 | 0 | 0 | 149 | 70 | .22 | .00 |
| 7 | 439.52 | 701.8 | -8.5 | 3,868 | 7,952 | 0 | 0 | 154 | 70 | .22 | .00 |
| 8 | 438.60 | 693.0 | -8.8 | 3,708 | 7,919 | 0 | 0 | 158 | 57 | .18 | .00 |
| 9 | 437.66 | 684.1 | -8.9 | 3,668 | 7,933 | 0 | 0 | 171 | 57 | .18 | .00 |
| 10 | 437.06 | 678.4 | -5.7 | 3,486 | 6,090 | 0 | 0 | 186 | 66 | .21 | .00 |
| 11 | 436.59 | 674.0 | -4.4 | 3,603 | 5,471 | 0 | 0 | 187 | 168 | .54 | .00 |
| 12 | 436.34 | 671.7 | -2.3 | 3,844 | 4,773 | 0 | 0 | 177 | 75 | .24 | .00 |
| 13 | 436.09 | 669.3 | -2.3 | 3,441 | 4,402 | 0 | 0 | 155 | 65 | .21 | .00 |
| 14 | 435.64 | 665.1 | -4.2 | 3,312 | 5,202 | 0 | 0 | 148 | 77 | .25 | .00 |
| 15 | 435.08 | 659.9 | -5.2 | 2,892 | 5,184 | 0 | 118 | 152 | 65 | .21 | .00 |
| 16 | 434.47 | 654.3 | -5.6 | 3,060 | 5,623 | 0 | 9 | 164 | 108 | .35 | .00 |
| 17 | 433.72 | 647.4 | -6.9 | 2,758 | 6,029 | 0 | 0 | 167 | 46 | .15 | .00 |
| 18 | 433.06 | 641.3 | -6.1 | 2,377 | 5,232 | 0 | 0 | 151 | 46 | .15 | .00 |
| 19 | 432.46 | 635.8 | -5.5 | 2,370 | 4,893 | 0 | 0 | 136 | 97 | .32 | .00 |
| 20 | 432.03 | 631.9 | -3.9 | 2,455 | 4,267 | 0 | 0 | 125 | 36 | .12 | .06 |
| 21 | 431.79 | 629.8 | -2.2 | 2,689 | 3,580 | 0 | 0 | 128 | 75 | .25 | .08 |
| 22 | 431.75 | 629.4 | -0.4 | 3,285 | 3,321 | 0 | 0 | 138 | 9 | .03 | .01 |
| 23 | 431.59 | 627.9 | -1.4 | 2,507 | 2,931 | 0 | 0 | 182 | 123 | .41 | .00 |
| 24 | 431.45 | 626.7 | -1.3 | 2,630 | 2,986 | 0 | 0 | 207 | 75 | .25 | .00 |
| 25 | 431.35 | 625.8 | -0.9 | 2,754 | 2,881 | 0 | 0 | 212 | 117 | .39 | .00 |
| 26 | 431.34 | 625.7 | -0.1 | 3,331 | 2,890 | 0 | 0 | 219 | 267 | .89 | .00 |
| 27 | 431.50 | 627.1 | +1.4 | 3,585 | 2,399 | 0 | 0 | 222 | 235 | .78 | .00 |
| 28 | 431.57 | 627.8 | +0.6 | 3,410 | 2,729 | 0 | 0 | 224 | 138 | .46 | .00 |
| 29 | 431.78 | 629.7 | +1.9 | 3,640 | 2,454 | 0 | 0 | 203 | 27 | .09 | .00 |
| 30 | 431.84 | 630.2 | +0.5 | 2,873 | 2,371 | 0 | 0 | 229 | 0 | .00 | .00 |
| TOTALS | | | -76.3 | 99,339 | 130,156 | 0 | 127 | 5,044 | 2,505 | 8.15 | .15 |
| ACRE-FEET | | | -76,300 | 197,039 | 258,164 | 0 | 252 | 10,005 | 4,969 | | |

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, PUMPING AND EVAPORATION.

SUMMARY

| | | | | | |
|---------------|---------------------|--------|---------|------------------------|-------|
| | RELEASE (ACRE-FEET) | | | PRECIPITATION | |
| POWER | 258,164 | OUTLET | 252 | THIS MONTH = | .15 |
| SPILL | 0 | TOTAL | 268,421 | JULY 1, 2003 TO DATE = | 19.34 |
| PUMPING PLANT | 10,005 | | | | |

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

Table 12

APRIL 2004

LAKE NATOMA DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | FOLSOM SOUTH CANAL | RELEASE - C.F.S. | | | EVAP C.F.S. (1) |
|------------------|--------|----------------------|-------------|-------------------------------|--------------------------|------------------|----------------|--------------|-----------------------|
| | | ACRE-FEET IN LAKE | CHANGE | | | POWER | SPILL | HATCHERY | |
| 1 | 123.12 | 7,862 | -15 | 3,174 | 36 | 3,084 | 0 | 60 | 2 |
| 2 | 123.14 | 7,847 | +10 | 3,091 | 40 | 2,984 | 0 | 60 | 2 |
| 3 | 123.25 | 7,909 | +52 | 3,139 | 40 | 3,009 | 0 | 60 | 4 |
| 4 | 122.90 | 7,746 | -163 | 3,108 | 40 | 3,087 | 0 | 60 | 3 |
| 5 | 122.65 | 7,634 | -112 | 3,017 | 40 | 2,501 | 469 | 60 | 3 |
| 6 | 123.10 | 7,838 | +204 | 5,148 | 42 | 2,471 | 2,469 | 60 | 3 |
| 7 | 123.14 | 7,857 | +19 | 8,085 | 45 | 2,479 | 5,488 | 60 | 3 |
| 8 | 123.00 | 7,791 | -66 | 8,002 | 45 | 2,481 | 5,447 | 60 | 2 |
| 9 | 124.33 | 8,426 | +635 | 7,948 | 45 | 2,452 | 5,069 | 60 | 2 |
| 10 | 123.48 | 8,017 | -409 | 6,225 | 45 | 2,479 | 3,844 | 60 | 3 |
| 11 | 123.31 | 7,937 | -80 | 5,586 | 45 | 2,474 | 3,040 | 60 | 7 |
| 12 | 123.74 | 8,139 | +202 | 5,072 | 45 | 1,088 | 3,774 | 60 | 3 |
| 13 | 122.75 | 7,679 | -460 | 4,434 | 45 | 295 | 4,263 | 60 | 3 |
| 14 | 123.23 | 7,899 | +220 | 5,134 | 42 | 300 | 4,618 | 60 | 3 |
| 15 | 122.79 | 7,697 | -202 | 5,416 | 40 | 303 | 5,112 | 60 | 3 |
| 16 | 122.84 | 7,719 | +22 | 5,612 | 40 | 316 | 5,180 | 60 | 5 |
| 17 | 124.08 | 8,301 | +582 | 5,883 | 40 | 308 | 5,180 | 60 | 2 |
| 18 | 123.58 | 8,064 | -237 | 5,240 | 40 | 305 | 4,952 | 60 | 2 |
| 19 | 124.49 | 8,506 | +442 | 5,036 | 40 | 295 | 4,414 | 60 | 4 |
| 20 | 124.30 | 8,411 | -95 | 4,260 | 40 | 297 | 3,909 | 60 | 2 |
| 21 | 123.50 | 8,026 | -385 | 3,625 | 40 | 293 | 3,423 | 60 | 3 |
| 22 | 123.61 | 8,078 | +52 | 3,331 | 40 | 289 | 2,916 | 60 | 0 |
| 23 | 123.50 | 8,026 | -52 | 2,963 | 40 | 662 | 2,222 | 60 | 5 |
| 24 | 123.80 | 8,167 | +141 | 3,134 | 40 | 2,460 | 500 | 60 | 3 |
| 25 | 123.55 | 8,050 | -117 | 2,991 | 40 | 2,444 | 501 | 60 | 5 |
| 26 | 123.90 | 8,214 | +164 | 2,940 | 40 | 2,450 | 295 | 60 | 12 |
| 27 | 123.62 | 8,082 | -132 | 2,485 | 40 | 2,443 | 0 | 59 | 10 |
| 28 | 124.50 | 8,511 | +429 | 2,774 | 40 | 2,452 | 0 | 60 | 6 |
| 29 | 124.32 | 8,421 | -90 | 2,530 | 40 | 2,474 | 0 | 60 | 1 |
| 30 | 123.88 | 8,205 | -216 | 2,452 | 40 | 2,461 | 0 | 60 | 0 |
| TOTALS | | | +343 | 131,835 | 1,235 | 51,436 | 77,085 | 1,799 | 106 |
| ACRE-FEET | | | +343 | 261,495 | 2,450 | 102,023 | 152,898 | 3,568 | 210 |

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

(1) INCHES OF EVAPORATION TAKEN FROM FOLSOM PAN.

SUMMARY

| | | | | | |
|-------|----------------------|--------------------|-------|----------------------|---------|
| | RELEASES (ACRE-FEET) | | | RELEASES (ACRE-FEET) | |
| POWER | 102,023 | FOLSOM SOUTH CANAL | 2,450 | TOTAL | 260,939 |
| SPILL | 152,898 | HATCHERY | 3,568 | | |

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

Table 13

APRIL 2004

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | POWER | RELEASE - C.F.S. | | EVAPORATION | | PRECIP INCHES |
|------------------|----------|---------------------------|----------------|-------------------------------|----------------|------------------|--------------|--------------|-------------|------------------|
| | | 1000 ACRE-FEET IN LAKE | CHANGE | | | SPILL | OUTLET | C.F.S. | INCHES | |
| | | 1,496.4 | | | | | | | | |
| 1 | 1,002.85 | 1,497.5 | +1.1 | 1,838 | 1,235 | 0 | 0 | 42 | .14 | .00 |
| 2 | 1,002.85 | 1,497.5 | +0.0 | 1,372 | 1,309 | 0 | 0 | 63 | .21 | .00 |
| 3 | 1,002.88 | 1,497.8 | +0.3 | 1,699 | 1,505 | 0 | 0 | 54 | .18 | .00 |
| 4 | 1,002.96 | 1,498.5 | +0.7 | 1,567 | 1,115 | 0 | 0 | 78 | .26 | .00 |
| 5 | 1,002.98 | 1,498.7 | +0.2 | 1,561 | 1,413 | 0 | 0 | 54 | .18 | .00 |
| 6 | 1,003.06 | 1,499.4 | +0.7 | 1,819 | 1,408 | 0 | 0 | 36 | .12 | .00 |
| 7 | 1,003.13 | 1,500.1 | +0.7 | 1,701 | 1,303 | 0 | 0 | 69 | .23 | .00 |
| 8 | 1,003.20 | 1,500.7 | +0.7 | 1,773 | 1,388 | 0 | 0 | 57 | .19 | .00 |
| 9 | 1,003.16 | 1,500.4 | -0.4 | 1,829 | 1,951 | 0 | 0 | 66 | .22 | .00 |
| 10 | 1,003.23 | 1,501.0 | +0.7 | 1,836 | 1,429 | 0 | 0 | 78 | .26 | .00 |
| 11 | 1,003.21 | 1,500.8 | -0.2 | 1,526 | 1,557 | 0 | 0 | 63 | .21 | .00 |
| 12 | 1,003.19 | 1,500.6 | -0.2 | 1,764 | 1,783 | 0 | 0 | 75 | .25 | .00 |
| 13 | 1,003.22 | 1,500.9 | +0.3 | 1,511 | 1,316 | 0 | 0 | 54 | .18 | .00 |
| 14 | 1,003.15 | 1,500.3 | -0.7 | 1,543 | 1,791 | 0 | 0 | 81 | .27 | .00 |
| 15 | 1,003.04 | 1,499.2 | -1.0 | 1,459 | 1,918 | 0 | 0 | 57 | .19 | .00 |
| 16 | 1,002.88 | 1,497.8 | -1.5 | 1,221 | 1,952 | 0 | 0 | 18 | .06 | .00 |
| 17 | 1,002.78 | 1,496.8 | -0.9 | 1,291 | 1,719 | 0 | 0 | 39 | .13 | .00 |
| 18 | 1,002.66 | 1,495.7 | -1.1 | 1,183 | 1,708 | 0 | 0 | 36 | .12 | .00 |
| 19 | 1,002.55 | 1,494.7 | -1.0 | 1,445 | 1,902 | 0 | 0 | 57 | .19 | .00 |
| 20 | 1,002.42 | 1,493.5 | -1.2 | 989 | 1,561 | 0 | 0 | 36 | .12 | .04 |
| 21 | 1,002.35 | 1,492.9 | -0.6 | 1,060 | 1,342 | 0 | 0 | 45 | .15 | .04 |
| 22 | 1,002.24 | 1,491.8 | -1.0 | 1,451 | 1,890 | 0 | 0 | 75 | .25 | .00 |
| 23 | 1,001.83 | 1,488.0 | -3.8 | 1,358 | 3,178 | 0 | 0 | 93 | .31 | .00 |
| 24 | 1,001.46 | 1,484.6 | -3.4 | 1,357 | 2,999 | 0 | 0 | 81 | .27 | .00 |
| 25 | 1,001.19 | 1,482.1 | -2.5 | 1,313 | 2,475 | 0 | 0 | 95 | .32 | .00 |
| 26 | 1,000.92 | 1,479.6 | -2.5 | 1,486 | 2,650 | 0 | 0 | 92 | .31 | .00 |
| 27 | 1,000.58 | 1,476.5 | -3.1 | 1,412 | 2,885 | 0 | 0 | 104 | .35 | .00 |
| 28 | 1,000.62 | 1,476.9 | +0.4 | 1,997 | 904 | 767 | 0 | 140 | .47 | .00 |
| 29 | 1,000.35 | 1,474.4 | -2.5 | 2,072 | 2,183 | 0 | 1,026 | 116 | .39 | .00 |
| 30 | 999.93 | 1,470.5 | -3.9 | 1,549 | 3,401 | 0 | 0 | 95 | .32 | .00 |
| TOTALS | | | -25.7 | 45,982 | 55,170 | 767 | 1,026 | 2,049 | 6.85 | .08 |
| ACRE-FEET | | | -25,700 | 91,205 | 109,430 | 1,521 | 2,035 | 4,064 | | |

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES AND EVAPORATION.

SUMMARY

| | | | |
|---------------------|---------|------------------------|---------|
| RELEASE (ACRE-FEET) | | PRECIPITATION | |
| POWER | 109,430 | OUTLET | 2,035 |
| SPILL | 1,521 | TOTAL | 112,986 |
| | | THIS MONTH = | .08 |
| | | JULY 1, 2003 TO DATE = | 19.85 |

OAKDALE IRRIGATION DISTRICT
 SOUTH SAN JOAQUIN IRRIGATION DISTRICT
 TRI DAMS PROJECT-CALIFORNIA

APRIL 2004

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: October 25, 2004

| DAY | ELEV | STORAGE | | TULLOCH | RIVER | | RELEASE - C.F.S. | |
|------------------|--------|-------------------|------------|----------------|----------|---------------|------------------|---------------|
| | | ACRE-FEET RES. | CHANGE | | RELEASE | OUTLET | SPILL | JOINT MAIN |
| | | 537 | | | | | | |
| 1 | 360.03 | 539 | +2 | 1,472 | 0 | 226 | 954 | 210 |
| 2 | 360.03 | 539 | +0 | 1,441 | 0 | 231 | 930 | 210 |
| 3 | 360.05 | 541 | +2 | 1,363 | 0 | 230 | 827 | 241 |
| 4 | 360.05 | 541 | +0 | 1,239 | 0 | 230 | 779 | 256 |
| 5 | 360.03 | 539 | -2 | 1,335 | 0 | 233 | 818 | 210 |
| 6 | 360.05 | 541 | +2 | 1,351 | 0 | 233 | 839 | 210 |
| 7 | 360.05 | 541 | +0 | 1,379 | 0 | 233 | 838 | 238 |
| 8 | 360.05 | 541 | +0 | 1,477 | 0 | 235 | 930 | 237 |
| 9 | 360.05 | 541 | +0 | 1,593 | 0 | 233 | 1,040 | 246 |
| 10 | 360.05 | 541 | +0 | 1,628 | 0 | 232 | 1,060 | 272 |
| 11 | 360.05 | 541 | +0 | 1,635 | 0 | 236 | 1,050 | 288 |
| 12 | 360.03 | 539 | -2 | 1,499 | 0 | 235 | 929 | 288 |
| 13 | 360.24 | 554 | +15 | 1,542 | 0 | 393 | 823 | 289 |
| 14 | 360.24 | 554 | +0 | 1,788 | 0 | 539 | 957 | 286 |
| 15 | 360.22 | 552 | -2 | 1,870 | 0 | 545 | 1,040 | 270 |
| 16 | 360.24 | 554 | +2 | 1,833 | 0 | 541 | 1,020 | 261 |
| 17 | 360.22 | 552 | -2 | 1,831 | 0 | 542 | 1,020 | 261 |
| 18 | 360.22 | 552 | +0 | 1,827 | 0 | 543 | 1,010 | 261 |
| 19 | 360.22 | 552 | +0 | 1,723 | 0 | 544 | 918 | 261 |
| 20 | 360.24 | 554 | +2 | 1,581 | 0 | 544 | 754 | 278 |
| 21 | 360.30 | 558 | +4 | 1,657 | 0 | 630 | 716 | 310 |
| 22 | 360.46 | 569 | +11 | 1,849 | 0 | 865 | 1,030 | 319 |
| 23 | 360.57 | 577 | +8 | 1,855 | 0 | 1,100 | 1,080 | 329 |
| 24 | 360.63 | 581 | +4 | 2,714 | 0 | 1,200 | 1,080 | 338 |
| 25 | 360.63 | 581 | +0 | 2,715 | 0 | 1,200 | 1,090 | 329 |
| 26 | 360.63 | 581 | +0 | 2,699 | 0 | 1,210 | 1,090 | 315 |
| 27 | 360.63 | 581 | +0 | 2,686 | 0 | 1,210 | 1,100 | 306 |
| 28 | 360.63 | 581 | +0 | 2,665 | 0 | 1,210 | 1,090 | 299 |
| 29 | 360.63 | 581 | +0 | 2,641 | 0 | 1,210 | 1,070 | 300 |
| 30 | 360.63 | 581 | +0 | 2,659 | 0 | 1,210 | 1,070 | 299 |
| TOTALS | | | +44 | 55,547 | 0 | 18,023 | 28,952 | 8,217 |
| ACRE-FEET | | | +44 | 110,177 | 0 | 35,749 | 57,426 | 16,298 |

JOINT MAIN OPERATED BY SSJID AND OID.
 SOUTH MAIN OPERATED BY OID.

SUMMARY
 RELEASE (ACRE-FEET)

| | | | |
|------------------|--------|--------|---------|
| JOINT MAIN CANAL | 57,426 | OUTLET | 0 |
| SOUTH MAIN CANAL | 16,298 | SPILL | 35,749 |
| | | TOTAL | 109,473 |

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

Table 15

APRIL 2004

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | RELEASE - C.F.S. | | | | EVAPORATION C.F.S. | PRECIP INCHES |
|------------------|--------|---------------------------|----------------|-------------------------------|------------------|---------------|----------|---------------|-----------------------|------------------|
| | | 1000 ACRE-FEET IN LAKE | CHANGE | | CANALS | | RIVER | | | |
| | | | | | MADERA | FRIANT-KERN | SPILL | OUTLET | | |
| | | 440.3 | | | | | | | | |
| 1 | 561.46 | 443.0 | +2.7 | 2,965 | 362 | 1,032 | 0 | 182 | 17 | .12 |
| 2 | 562.00 | 445.4 | +2.4 | 2,892 | 537 | 934 | 0 | 182 | 22 | .15 |
| 3 | 562.55 | 447.9 | +2.5 | 2,959 | 713 | 791 | 0 | 183 | 25 | .17 |
| 4 | 562.83 | 449.1 | +1.3 | 2,363 | 644 | 867 | 0 | 183 | 34 | .23 |
| 5 | 563.06 | 450.2 | +1.0 | 2,504 | 650 | 1,125 | 0 | 183 | 23 | .16 |
| 6 | 563.11 | 450.4 | +0.2 | 2,413 | 764 | 1,314 | 0 | 183 | 38 | .26 |
| 7 | 562.95 | 449.7 | -0.7 | 2,116 | 857 | 1,413 | 0 | 183 | 28 | .19 |
| 8 | 562.89 | 449.4 | -0.3 | 2,209 | 842 | 1,281 | 0 | 183 | 39 | .27 |
| 9 | 562.96 | 449.7 | +0.3 | 2,176 | 796 | 1,031 | 0 | 183 | 7 | .05 |
| 10 | 563.20 | 450.8 | +1.1 | 2,489 | 761 | 951 | 0 | 183 | 47 | .32 |
| 11 | 563.60 | 452.6 | +1.8 | 2,886 | 745 | 1,010 | 0 | 183 | 35 | .24 |
| 12 | 563.85 | 453.7 | +1.1 | 2,679 | 714 | 1,168 | 0 | 183 | 44 | .30 |
| 13 | 563.81 | 453.6 | -0.2 | 2,043 | 532 | 1,398 | 0 | 183 | 21 | .14 |
| 14 | 563.90 | 454.0 | +0.4 | 2,444 | 509 | 1,503 | 0 | 183 | 43 | .29 |
| 15 | 564.09 | 454.8 | +0.9 | 2,496 | 448 | 1,411 | 0 | 181 | 21 | .14 |
| 16 | 564.23 | 455.5 | +0.6 | 2,202 | 440 | 1,214 | 0 | 195 | 32 | .22 |
| 17 | 564.57 | 457.0 | +1.5 | 2,454 | 410 | 1,025 | 0 | 210 | 29 | .20 |
| 18 | 564.74 | 457.8 | +0.8 | 2,054 | 401 | 1,034 | 0 | 211 | 18 | .12 |
| 19 | 564.99 | 458.9 | +1.1 | 2,297 | 384 | 1,112 | 0 | 211 | 16 | .11 |
| 20 | 565.26 | 460.2 | +1.2 | 2,402 | 417 | 1,120 | 0 | 211 | 30 | .20 |
| 21 | 565.45 | 461.0 | +0.9 | 2,244 | 456 | 1,098 | 0 | 211 | 40 | .27 |
| 22 | 565.75 | 462.4 | +1.4 | 2,447 | 425 | 1,069 | 0 | 211 | 49 | .33 |
| 23 | 565.95 | 463.3 | +0.9 | 2,110 | 423 | 989 | 0 | 211 | 25 | .17 |
| 24 | 566.35 | 465.2 | +1.8 | 2,514 | 423 | 906 | 0 | 211 | 45 | .30 |
| 25 | 566.83 | 467.4 | +2.2 | 2,760 | 423 | 963 | 0 | 211 | 48 | .32 |
| 26 | 567.17 | 469.0 | +1.6 | 2,721 | 488 | 1,205 | 0 | 211 | 25 | .17 |
| 27 | 567.60 | 470.9 | +2.0 | 3,226 | 514 | 1,437 | 0 | 212 | 58 | .39 |
| 28 | 567.53 | 470.6 | -0.3 | 2,165 | 487 | 1,558 | 0 | 212 | 72 | .48 |
| 29 | 567.64 | 471.1 | +0.5 | 2,525 | 480 | 1,513 | 0 | 212 | 63 | .42 |
| 30 | 567.94 | 472.5 | +1.4 | 2,803 | 497 | 1,345 | 0 | 212 | 48 | .32 |
| TOTALS | | | +32.3 | 74,558 | 16,542 | 34,817 | 0 | 5,893 | 1,042 | 7.05 |
| ACRE-FEET | | | +32,258 | 147,886 | 32,811 | 69,060 | 0 | 11,689 | 2,067 | .04 |

COMMENTS:

* COMPUTED INFLOW IS THE SUM OF CHANGE IN STORAGE, RELEASES, PUMPING AND EVAPORATION.

| SUMMARY | | | |
|---------------------|----------------|------------------------|------|
| RELEASE (ACRE-FEET) | | PRECIPITATION | |
| CANALS | RIVER | | |
| FRIANT-KERN | AT FRIANT | THIS MONTH = | 0.04 |
| MADERA | TOTAL RELEASES | JULY 1, 2003 TO DATE = | 9.67 |
| | | | |

Table 16

U.S. Bureau of Reclamation - Central Valley Operations Office

Delta Outflow Computation (values in c.f.s.)

Italic Red numbers were updated on 9/1/04 when a leap year calculation error was discovered.

April 2004

Estimated numbers are in bold italic print

| Date | DELTA INFLOW | | | | | | | | NDCU | DELTA EXPORTS | | | | | | | OUTFLOW INDEX | | | Export/Inflow | | |
|-----------|----------------------|-------|----------------|----------------------|---------------------|----------|------------------|--------------------|---------------|--------------------------|---------------------------|----------------|--------------------------|----------------------------|---------|---------------------------|---------------------------|----------------|----------------|----------------|--------------|--------------|
| | Sacto R @Freeport | SRTP | Yolo + Misc | East Side Streams | S. Joaquin River | Vernalis | 7-day Average | Monthly Average | | Total Delta Inflow | Clifton Court (CLT) | Tracy (TRA) | Contra Costa (CCC) | Byron Bethany (BBID) | NBA | Total Delta Exports | 3-day Avg TRA & CLT | NDOI daily | 7-day Avg | Monthly Avg | Daily (%) | 3 Day (%) |
| 1-Apr-04 | 23,777 | 225 | 0 | 904 | 2,386 | 2,605 | <i>2,306</i> | 27,292 | <i>1,750</i> | 4,996 | 4,391 | 363 | 11 | 16 | 9,755 | 9,742 | <i>15,787</i> | <i>21,987</i> | <i>15,787</i> | 34.4% | 33.7% | 27.7% |
| 2-Apr-04 | 22,289 | 222 | 0 | 899 | 2,306 | 2,601 | <i>2,508</i> | 25,716 | <i>1,750</i> | 4,292 | 4,342 | 361 | 16 | 14 | 8,993 | 9,017 | <i>14,973</i> | <i>20,384</i> | <i>15,380</i> | 33.5% | 33.1% | 26.5% |
| 3-Apr-04 | 21,129 | 218 | 0 | 929 | 2,710 | 2,619 | <i>2,640</i> | 24,986 | <i>1,750</i> | 3,490 | 4,387 | 359 | 13 | 14 | 8,238 | 8,633 | <i>14,998</i> | <i>18,632</i> | <i>15,253</i> | 31.5% | 33.2% | 26.1% |
| 4-Apr-04 | 20,513 | 215 | 0 | 923 | 2,903 | 2,643 | <i>2,709</i> | 24,554 | <i>1,800</i> | 3,354 | 4,180 | 329 | 8 | 14 | 7,869 | 8,015 | <i>14,884</i> | <i>17,161</i> | <i>15,160</i> | 30.7% | 31.9% | 24.9% |
| 5-Apr-04 | 21,081 | 211 | 0 | 930 | 2,915 | 2,666 | <i>2,742</i> | 25,137 | <i>1,800</i> | 4,199 | 4,355 | 327 | 58 | 19 | 8,841 | 7,988 | <i>14,496</i> | <i>16,061</i> | <i>15,028</i> | 33.8% | 32.0% | 25.5% |
| 6-Apr-04 | 23,602 | 208 | 0 | 929 | 2,877 | 2,687 | <i>2,737</i> | 27,616 | <i>1,800</i> | 5,219 | 4,361 | 287 | 58 | 23 | 9,831 | 8,556 | <i>15,985</i> | <i>15,547</i> | <i>15,187</i> | 34.5% | 33.0% | 27.7% |
| 7-Apr-04 | 26,015 | 204 | 0 | 935 | 2,710 | 2,685 | <i>2,685</i> | 29,864 | <i>1,800</i> | 5,876 | 1,945 | 290 | 41 | 22 | 8,093 | 8,652 | <i>19,972</i> | <i>15,871</i> | <i>15,871</i> | 26.1% | 31.2% | 28.3% |
| 8-Apr-04 | 31,376 | 201 | 0 | 923 | 2,371 | 2,667 | <i>2,622</i> | 34,871 | <i>1,850</i> | 1,986 | 1,217 | 295 | 74 | 26 | 3,450 | 6,868 | <i>29,571</i> | <i>17,840</i> | <i>17,583</i> | 9.0% | 22.1% | 22.5% |
| 9-Apr-04 | 33,575 | 201 | 0 | 934 | 2,185 | 2,582 | <i>2,566</i> | 36,895 | <i>1,850</i> | 3,497 | 1,650 | 351 | 77 | 32 | 5,454 | 5,390 | <i>29,591</i> | <i>19,928</i> | <i>18,917</i> | 13.7% | 15.7% | 17.6% |
| 10-Apr-04 | 34,898 | 201 | 0 | 942 | 2,113 | 2,462 | <i>2,515</i> | 38,154 | <i>1,850</i> | 3,684 | 2,628 | 374 | 77 | 29 | 6,639 | 4,888 | <i>29,665</i> | <i>22,023</i> | <i>19,992</i> | 16.3% | 13.1% | 15.9% |
| 11-Apr-04 | 36,052 | 201 | 0 | 918 | 2,062 | 2,345 | <i>2,477</i> | 39,233 | <i>1,850</i> | 2,991 | 4,025 | 366 | 77 | 30 | 7,335 | 6,159 | <i>30,048</i> | <i>24,190</i> | <i>20,906</i> | 17.7% | 16.0% | 19.9% |
| 12-Apr-04 | 35,801 | 201 | 0 | 896 | 2,094 | 2,241 | <i>2,450</i> | 38,992 | <i>1,850</i> | 2,968 | 4,433 | 364 | 83 | 33 | 7,715 | 6,910 | <i>29,427</i> | <i>26,323</i> | <i>21,616</i> | 18.8% | 17.6% | 22.1% |
| 13-Apr-04 | 34,853 | 201 | 0 | 846 | 2,154 | 2,151 | <i>2,421</i> | 38,054 | <i>1,900</i> | 1,467 | 4,411 | 366 | 81 | 24 | 6,187 | 6,765 | <i>29,967</i> | <i>28,320</i> | <i>22,259</i> | 15.2% | 17.2% | 21.3% |
| 14-Apr-04 | 33,118 | 201 | 0 | 839 | 2,076 | 2,106 | <i>2,395</i> | 36,234 | <i>1,900</i> | 981 | 3,871 | 338 | 43 | 25 | 5,172 | 6,044 | <i>29,162</i> | <i>29,633</i> | <i>22,752</i> | 13.3% | 15.8% | 18.7% |
| 15-Apr-04 | 31,624 | 201 | 0 | 834 | 2,057 | 2,134 | <i>2,394</i> | 34,716 | <i>1,900</i> | 243 | 1,194 | 307 | 42 | 46 | 1,747 | 4,056 | <i>31,069</i> | <i>29,847</i> | <i>23,306</i> | 4.0% | 11.0% | 12.3% |
| 16-Apr-04 | 30,450 | 201 | 0 | 803 | 2,381 | 2,207 | <i>2,409</i> | 33,835 | <i>1,900</i> | 1,495 | 0 | 299 | 55 | 39 | 1,778 | 2,595 | <i>30,157</i> | <i>29,928</i> | <i>23,735</i> | 4.3% | 7.3% | 7.7% |
| 17-Apr-04 | 30,435 | 201 | 0 | 774 | 2,626 | 2,300 | <i>2,427</i> | 34,036 | <i>1,900</i> | 1,496 | 0 | 297 | 42 | 29 | 1,781 | 1,476 | <i>30,355</i> | <i>30,027</i> | <i>24,124</i> | 4.3% | 4.2% | 4.2% |
| 18-Apr-04 | 30,261 | 201 | 0 | 748 | 2,714 | 2,421 | <i>2,455</i> | 33,924 | <i>1,501</i> | 97 | 1,432 | 289 | 43 | 31 | 1,807 | 1,507 | <i>30,616</i> | <i>30,108</i> | <i>24,485</i> | 4.4% | 4.3% | 4.2% |
| 19-Apr-04 | 28,710 | 201 | 0 | 710 | 2,936 | 2,556 | <i>2,489</i> | 32,557 | <i>-496</i> | 892 | 571 | 295 | 159 | 34 | 1,632 | 1,496 | <i>31,421</i> | <i>30,393</i> | <i>24,850</i> | 4.0% | 4.2% | 4.0% |
| 20-Apr-04 | 24,841 | 201 | 0 | 683 | 3,102 | 2,702 | <i>2,519</i> | 28,827 | <i>-1,010</i> | 1,493 | 0 | 300 | 43 | 33 | 1,783 | 1,495 | <i>28,054</i> | <i>30,119</i> | <i>25,010</i> | 5.0% | 4.4% | 4.0% |
| 21-Apr-04 | 21,627 | 201 | 0 | 669 | 3,096 | 2,850 | <i>2,547</i> | 25,593 | <i>-1,010</i> | 1,452 | 0 | 304 | 40 | 36 | 1,751 | 1,469 | <i>24,851</i> | <i>29,503</i> | <i>25,002</i> | 5.5% | 4.8% | 4.0% |
| 22-Apr-04 | 18,994 | 201 | 0 | 696 | 3,097 | 2,963 | <i>2,575</i> | 22,988 | <i>-1,010</i> | 67 | 1,430 | 149 | 34 | 47 | 1,659 | 1,481 | <i>22,339</i> | <i>28,256</i> | <i>24,881</i> | 6.4% | 5.6% | 4.3% |
| 23-Apr-04 | 17,435 | 201 | 0 | 704 | 3,170 | 3,041 | <i>2,601</i> | 21,510 | <i>-610</i> | 897 | 573 | 274 | 56 | 42 | 1,730 | 1,473 | <i>20,391</i> | <i>26,861</i> | <i>24,686</i> | 6.6% | 6.1% | 4.4% |
| 24-Apr-04 | 15,946 | 201 | 0 | 706 | 3,172 | 3,103 | <i>2,624</i> | 20,025 | <i>1,437</i> | 1,491 | 0 | 332 | 43 | 44 | 1,824 | 1,486 | <i>16,764</i> | <i>24,920</i> | <i>24,356</i> | 7.2% | 6.7% | 4.6% |
| 25-Apr-04 | 15,049 | 201 | 0 | 703 | 3,149 | 3,147 | <i>2,649</i> | 19,102 | <i>1,950</i> | 1,490 | 0 | 332 | 43 | 49 | 1,829 | 1,484 | <i>15,323</i> | <i>22,735</i> | <i>23,995</i> | 7.6% | 7.1% | 4.8% |
| 26-Apr-04 | 14,229 | 201 | 0 | 679 | 3,241 | 3,181 | <i>2,675</i> | 18,350 | <i>1,950</i> | 116 | 1,315 | 329 | 124 | 55 | 1,691 | 1,471 | <i>14,709</i> | <i>20,347</i> | <i>23,638</i> | 7.1% | 7.3% | 4.9% |
| 27-Apr-04 | 13,145 | 201 | 0 | 666 | 3,339 | 3,212 | <i>2,699</i> | 17,351 | <i>1,950</i> | 860 | 535 | 350 | 91 | 68 | 1,721 | 1,439 | <i>13,680</i> | <i>18,294</i> | <i>23,269</i> | 7.5% | 7.4% | 5.0% |
| 28-Apr-04 | 11,865 | 201 | 0 | 688 | 3,317 | 3,243 | <i>2,721</i> | 16,071 | <i>2,000</i> | 1,492 | 0 | 357 | 69 | 66 | 1,847 | 1,439 | <i>12,224</i> | <i>16,490</i> | <i>22,874</i> | 8.9% | 7.8% | 5.2% |
| 29-Apr-04 | 11,549 | 201 | 0 | 733 | 3,314 | 3,258 | <i>2,740</i> | 15,797 | <i>2,000</i> | 1,492 | 0 | 367 | 91 | 80 | 1,848 | 1,460 | <i>11,949</i> | <i>15,006</i> | <i>22,498</i> | 8.9% | 8.4% | 5.7% |
| 30-Apr-04 | 11,827 | 201 | 0 | 756 | 3,275 | 3,276 | <i>2,759</i> | 16,059 | <i>2,000</i> | 94 | 1,319 | 350 | 62 | 84 | 1,786 | 1,466 | <i>12,273</i> | <i>13,846</i> | <i>22,157</i> | 8.4% | 8.7% | 6.0% |
| Total | 726,066 | 6,126 | 0 | 24,299 | 81,848 | 80,652 | <i>77,055</i> | 838,339 | <i>41,851</i> | 64,166 | 58,566 | 9,702 | 1,753 | 1,105 | 131,785 | 130,916 | <i>664,703</i> | <i>690,579</i> | <i>634,555</i> | 428.3% | 451.1% | 410.3% |
| Average | 24,202 | 204 | 0 | 810 | 2,728 | 2,688 | <i>2,569</i> | 27,945 | <i>1,395</i> | 2,139 | 1,952 | 323 | 58 | 37 | 4,393 | 4,364 | <i>22,157</i> | <i>23,019</i> | <i>634,555</i> | 14.3% | 15.0% | 13.7% |

APRIL 2004

**CONSOLIDATED STATE-FEDERAL SAN LUIS RESERVOIR
DAILY OPERATIONS**

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | SAN LUIS PUMPING C.F.S. | RELEASE - C.F.S. | | | GAIN(+) OR LOSS(-) C.F.S. | EVAPORATION | | PRECIP INCHES |
|------------------|--------|----------------------|-----------------|-------------------------------|------------------|-------------------|----------|------------------------------------|--------------|--------------|------------------|
| | | ACRE-FEET IN LAKE | CHANGE | | POWER | PACHECO TUNNEL | SPILL | | C.F.S. | INCHES | |
| | | 2,020,089 | | | | | | | | | |
| 1 | 542.45 | 2,020,851 | +762 | 644 | 0 | 149 | 0 | -111 | 90 | .22 | .00 |
| 2 | 542.53 | 2,021,866 | +1,015 | 1,000 | 0 | 171 | 0 | -317 | 193 | .47 | .00 |
| 3 | 542.62 | 2,023,009 | +1,143 | 721 | 0 | 191 | 0 | +45 | 132 | .32 | .00 |
| 4 | 542.69 | 2,023,898 | +889 | 802 | 0 | 177 | 0 | -177 | 177 | .43 | .00 |
| 5 | 542.73 | 2,024,406 | +508 | 570 | 0 | 178 | 0 | -136 | 136 | .33 | .00 |
| 6 | 542.58 | 2,022,501 | -1,905 | 0 | 972 | 176 | 0 | +187 | 123 | .30 | .00 |
| 7 | 542.03 | 2,015,523 | -6,978 | 0 | 3,600 | 0 | 0 | +82 | 115 | .28 | .00 |
| 8 | 541.81 | 2,012,734 | -2,789 | 0 | 1,319 | 43 | 0 | -44 | 131 | .32 | .00 |
| 9 | 541.04 | 2,002,983 | -9,751 | 0 | 4,822 | 88 | 0 | -6 | 123 | .30 | .00 |
| 10 | 540.43 | 1,995,271 | -7,712 | 0 | 3,761 | 179 | 0 | +52 | 131 | .32 | .00 |
| 11 | 540.48 | 1,995,902 | +631 | 1,270 | 0 | 206 | 0 | -746 | 171 | .42 | .00 |
| 12 | 540.58 | 1,997,166 | +1,264 | 849 | 0 | 187 | 0 | -24 | 139 | .34 | .00 |
| 13 | 540.62 | 1,997,672 | +506 | 652 | 0 | 149 | 0 | -248 | 176 | .43 | .00 |
| 14 | 540.01 | 1,989,966 | -7,706 | 646 | 4,082 | 184 | 0 | -265 | 122 | .30 | .00 |
| 15 | 539.10 | 1,978,490 | -11,476 | 0 | 5,778 | 186 | 0 | +178 | 126 | .31 | .00 |
| 16 | 537.63 | 1,960,001 | -18,489 | 0 | 9,291 | 185 | 0 | +154 | 90 | .22 | .00 |
| 17 | 536.38 | 1,944,326 | -15,675 | 0 | 7,737 | 188 | 0 | +23 | 122 | .30 | .00 |
| 18 | 535.56 | 1,934,067 | -10,259 | 0 | 5,106 | 183 | 0 | +116 | 93 | .23 | .08 |
| 19 | 534.39 | 1,919,462 | -14,605 | 0 | 7,358 | 159 | 0 | +153 | 52 | .13 | .03 |
| 20 | 533.15 | 1,904,025 | -15,437 | 0 | 7,655 | 167 | 0 | +39 | 101 | .25 | .00 |
| 21 | 532.28 | 1,893,220 | -10,805 | 0 | 4,794 | 161 | 0 | -492 | 96 | .24 | .00 |
| 22 | 531.38 | 1,882,066 | -11,154 | 0 | 5,485 | 153 | 0 | +14 | 148 | .37 | .00 |
| 23 | 530.55 | 1,871,799 | -10,267 | 0 | 5,122 | 182 | 0 | +128 | 172 | .43 | .00 |
| 24 | 529.27 | 1,856,004 | -15,795 | 0 | 7,956 | 183 | 0 | +175 | 179 | .45 | .00 |
| 25 | 528.41 | 1,845,417 | -10,587 | 0 | 5,113 | 186 | 0 | -39 | 135 | .34 | .00 |
| 26 | 527.34 | 1,832,275 | -13,142 | 0 | 6,528 | 181 | 0 | +84 | 158 | .40 | .00 |
| 27 | 526.19 | 1,818,187 | -14,088 | 0 | 6,922 | 222 | 0 | +42 | 174 | .44 | .00 |
| 28 | 524.95 | 1,803,038 | -15,149 | 0 | 7,399 | 229 | 0 | -10 | 260 | .66 | .00 |
| 29 | 523.60 | 1,786,596 | -16,442 | 0 | 8,051 | 221 | 0 | -17 | 213 | .54 | .00 |
| 30 | 522.08 | 1,768,145 | -18,451 | 0 | 9,282 | 165 | 0 | +145 | 196 | .50 | .00 |
| TOTALS | | | -251,944 | 7,154 | 128,133 | 5,029 | 0 | -1,015 | 4,274 | 10.59 | .11 |
| ACRE-FEET | | | -251,944 | 14,190 | 254,152 | 9,975 | 0 | -2,013 | 8,477 | | |

SUMMARY

| | | | |
|---------------------|---------|------------------------|------|
| RELEASE (ACRE-FEET) | | PRECIPITATION | |
| POWER | 254,152 | THIS MONTH = | .11 |
| PACHECO TUNNEL | 9,975 | JULY 1, 2003 TO DATE = | 8.16 |
| SPILL | 0 | | |
| TOTAL | 264,127 | | |

APRIL 2004

**CONSOLIDATED STATE-FEDERAL O'NEILL FOREBAY
DAILY OPERATIONS**

RUN DATE: May 20, 2004

| DAY | ELEV | STORAGE | | INFLOW - C.F.S. | | | RELEASE - C.F.S. | | | * DELIV. | GAINS(+) OR LOSS(-) C.F.S. |
|------------------|--------|---------|---------------------|--------------------|-----------------|--------------------|------------------|--------------------|-----------------------|--------------|----------------------------------|
| | | IN LAKE | ACRE-FEET CHANGE | O'NEILL PUMPING | S. LUIS GEN. | CALIF. AQUEDUCT | O'NEILL GEN. | S. LUIS PUMPING | DOS AMIGOS PUMPING | | |
| | | 45,944 | | | | | | | | | |
| 1 | 221.84 | 47,966 | +2,022 | 2,917 | 0 | 4,281 | 0 | 644 | 5,710 | | +175 |
| 2 | 221.23 | 46,364 | -1,602 | 2,882 | 0 | 3,624 | 0 | 1,000 | 6,294 | | -20 |
| 3 | 220.22 | 43,723 | -2,641 | 2,819 | 0 | 2,824 | 0 | 721 | 6,218 | | -34 |
| 4 | 219.60 | 42,119 | -1,604 | 2,565 | 0 | 2,721 | 0 | 802 | 5,483 | | +191 |
| 5 | 219.00 | 40,584 | -1,535 | 2,611 | 0 | 3,338 | 0 | 570 | 6,013 | | -140 |
| 6 | 220.50 | 44,453 | +3,869 | 2,582 | 972 | 4,675 | 0 | 0 | 6,218 | | -60 |
| 7 | 223.24 | 51,687 | +7,234 | 523 | 3,600 | 5,467 | 0 | 0 | 5,881 | | -63 |
| 8 | 221.16 | 46,180 | -5,507 | 0 | 1,319 | 2,125 | 489 | 0 | 5,691 | | -39 |
| 9 | 221.86 | 48,019 | +1,839 | 0 | 4,822 | 2,898 | 464 | 0 | 6,239 | | -89 |
| 10 | 223.11 | 51,340 | +3,321 | 520 | 3,761 | 2,957 | 0 | 0 | 5,403 | | -160 |
| 11 | 222.56 | 49,873 | -1,467 | 1,917 | 0 | 3,148 | 0 | 1,270 | 4,672 | | +138 |
| 12 | 221.94 | 48,229 | -1,644 | 2,641 | 0 | 2,616 | 0 | 849 | 5,171 | | -67 |
| 13 | 220.31 | 43,957 | -4,272 | 2,356 | 0 | 1,920 | 0 | 652 | 5,782 | | +4 |
| 14 | 220.17 | 43,593 | -364 | 1,976 | 4,082 | 982 | 0 | 646 | 6,553 | | -24 |
| 15 | 219.01 | 40,610 | -2,983 | 408 | 5,778 | 0 | 1,032 | 0 | 6,415 | | -244 |
| 16 | 219.98 | 43,100 | +2,490 | 0 | 9,291 | 561 | 1,791 | 0 | 6,617 | | -189 |
| 17 | 221.00 | 45,760 | +2,660 | 0 | 7,737 | 1,321 | 1,665 | 0 | 6,127 | | +74 |
| 18 | 219.98 | 43,100 | -2,660 | 0 | 5,106 | 0 | 1,034 | 0 | 5,576 | | +163 |
| 19 | 221.64 | 47,441 | +4,341 | 0 | 7,358 | 774 | 916 | 0 | 4,952 | | -76 |
| 20 | 222.32 | 49,235 | +1,794 | 0 | 7,655 | 37 | 1,206 | 0 | 5,429 | | -153 |
| 21 | 221.91 | 48,150 | -1,085 | 0 | 4,794 | 1,528 | 1,319 | 0 | 5,548 | | -1 |
| 22 | 220.77 | 45,158 | -2,992 | 0 | 5,485 | 0 | 1,060 | 0 | 5,947 | | +13 |
| 23 | 219.61 | 42,145 | -3,013 | 0 | 5,122 | 632 | 1,104 | 0 | 5,914 | | -255 |
| 24 | 220.74 | 45,080 | +2,935 | 0 | 7,956 | 938 | 1,278 | 0 | 6,224 | | +88 |
| 25 | 219.37 | 41,528 | -3,552 | 0 | 5,113 | 831 | 1,196 | 0 | 6,406 | | -133 |
| 26 | 219.84 | 42,738 | +1,210 | 0 | 6,528 | 0 | 1,028 | 0 | 4,869 | | -21 |
| 27 | 219.90 | 42,893 | +155 | 0 | 6,922 | 573 | 1,288 | 0 | 5,741 | | -388 |
| 28 | 220.14 | 43,515 | +622 | 0 | 7,399 | 1,081 | 1,674 | 0 | 6,363 | | -128 |
| 29 | 220.38 | 44,140 | +625 | 0 | 8,051 | 986 | 1,801 | 0 | 6,794 | | -127 |
| 30 | 220.53 | 44,531 | +391 | 0 | 9,282 | 0 | 1,880 | 0 | 7,088 | | +481 |
| TOTALS | | | -1,413 | 26,717 | 128,133 | 52,838 | 22,225 | 7,154 | 177,338 | | -1,084 |
| ACRE-FEET | | | -1,413 | 52,993 | 254,152 | 104,804 | 44,083 | 14,190 | 351,750 | 1,186 | -2,150 |

* DAILY DEL. FIGURES UNAVAILABLE. TOT. DEL. IS INCLUDED IN COMPUTING MONTHLY TOTALS

SUMMARY
RELEASE (ACRE-FEET)

| | | | | | |
|---------------|--------|-----------------|---------|-------|---------|
| O'NEILL GEN. | 44,083 | DOS AMIGOS PUMP | 351,750 | | |
| SAN LUIS PUMP | 14,190 | DELIVERIES | 1,186 | TOTAL | 411,209 |

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

Table 19

APRIL 2004

FEDERAL-STATE OPERATIONS
SAN LUIS UNIT

RUN DATE: May 20, 2004

| DAY | AQUEDUCT CHECK 12 | | | O'NEILL | | | SAN LUIS | | | | | | PACHECO PUMP | DOS AMIGOS | | | |
|-----|-------------------|-----|--------|---------|---|-------|----------|-------|-------|------------|-------|--------|--------------|------------|-------|-------|--------|
| | STATE | FED | TOTAL | PUMPING | | GENER | PUMPING | | | GENERATION | | | | FED | STATE | TOTAL | |
| 1 | 8,492 | 0 | 8,492 | 5,786 | 0 | 5,786 | 0 | 1,273 | 5 | 1,278 | 0 | 0 | 0 | 295 | 4,561 | 6,765 | 11,326 |
| 2 | 7,188 | 0 | 7,188 | 5,717 | 0 | 5,717 | 0 | 1,835 | 148 | 1,983 | 0 | 0 | 0 | 339 | 4,537 | 7,947 | 12,484 |
| 3 | 5,601 | 0 | 5,601 | 5,591 | 0 | 5,591 | 0 | 1,431 | 0 | 1,431 | 0 | 0 | 0 | 378 | 4,482 | 7,852 | 12,334 |
| 4 | 5,397 | 0 | 5,397 | 5,087 | 0 | 5,087 | 0 | 1,614 | -23 | 1,591 | 0 | 0 | 0 | 351 | 4,389 | 6,486 | 10,875 |
| 5 | 6,620 | 0 | 6,620 | 5,179 | 0 | 5,179 | 0 | 1,152 | -21 | 1,131 | 0 | 0 | 0 | 353 | 4,507 | 7,419 | 11,926 |
| 6 | 9,273 | 0 | 9,273 | 5,121 | 0 | 5,121 | 0 | 0 | 0 | 0 | 0 | 1,927 | 1,927 | 349 | 4,490 | 7,843 | 12,333 |
| 7 | 10,844 | 0 | 10,844 | 1,038 | 0 | 1,038 | 0 | 0 | 0 | 0 | 5,337 | 1,804 | 7,141 | 0 | 4,571 | 7,094 | 11,665 |
| 8 | 4,214 | 0 | 4,214 | 0 | 0 | 0 | 970 | 0 | 0 | 0 | 2,749 | -133 | 2,616 | 86 | 3,573 | 7,716 | 11,289 |
| 9 | 5,748 | 0 | 5,748 | 0 | 0 | 0 | 921 | 0 | 0 | 0 | 2,699 | 6,866 | 9,565 | 175 | 3,506 | 8,870 | 12,376 |
| 10 | 5,865 | 0 | 5,865 | 1,032 | 0 | 1,032 | 0 | 0 | 0 | 0 | 5,898 | 1,561 | 7,459 | 356 | 3,597 | 7,120 | 10,717 |
| 11 | 6,244 | 0 | 6,244 | 3,802 | 0 | 3,802 | 0 | 0 | 2,520 | 2,520 | 0 | 0 | 0 | 409 | 3,605 | 5,662 | 9,267 |
| 12 | 5,188 | 0 | 5,188 | 5,239 | 0 | 5,239 | 0 | 0 | 1,683 | 1,683 | 0 | 0 | 0 | 371 | 3,587 | 6,669 | 10,256 |
| 13 | 3,808 | 0 | 3,808 | 4,673 | 0 | 4,673 | 0 | 1,296 | -3 | 1,293 | 0 | 0 | 0 | 295 | 3,579 | 7,889 | 11,468 |
| 14 | 1,947 | 0 | 1,947 | 3,919 | 0 | 3,919 | 0 | 1,286 | -5 | 1,281 | 0 | 8,096 | 8,096 | 365 | 3,600 | 9,397 | 12,997 |
| 15 | 0 | 0 | 0 | 809 | 0 | 809 | 2,046 | 0 | 0 | 0 | 2,694 | 8,767 | 11,461 | 368 | 3,550 | 9,174 | 12,724 |
| 16 | 1,113 | 0 | 1,113 | 0 | 0 | 0 | 3,552 | 0 | 0 | 0 | 5,397 | 13,031 | 18,428 | 366 | 3,524 | 9,600 | 13,124 |
| 17 | 2,620 | 0 | 2,620 | 0 | 0 | 0 | 3,302 | 0 | 0 | 0 | 6,357 | 8,990 | 15,347 | 373 | 3,591 | 8,561 | 12,152 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 2,051 | 0 | 0 | 0 | 6,740 | 3,387 | 10,127 | 362 | 3,676 | 7,384 | 11,060 |
| 19 | 1,536 | 0 | 1,536 | 0 | 0 | 0 | 1,817 | 0 | 0 | 0 | 7,889 | 6,705 | 14,594 | 315 | 3,669 | 6,153 | 9,822 |
| 20 | 74 | 0 | 74 | 0 | 0 | 0 | 2,393 | 0 | 0 | 0 | 7,943 | 7,241 | 15,184 | 331 | 3,614 | 7,154 | 10,768 |
| 21 | 3,030 | 0 | 3,030 | 0 | 0 | 0 | 2,617 | 0 | 0 | 0 | 5,284 | 4,225 | 9,509 | 320 | 4,323 | 6,682 | 11,005 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 2,102 | 0 | 0 | 0 | 5,246 | 5,633 | 10,879 | 303 | 4,221 | 7,574 | 11,795 |
| 23 | 1,254 | 0 | 1,254 | 0 | 0 | 0 | 2,190 | 0 | 0 | 0 | 7,974 | 2,185 | 10,159 | 361 | 4,156 | 7,574 | 11,730 |
| 24 | 1,860 | 0 | 1,860 | 0 | 0 | 0 | 2,535 | 0 | 0 | 0 | 7,992 | 7,789 | 15,781 | 362 | 4,238 | 8,107 | 12,345 |
| 25 | 1,649 | 0 | 1,649 | 0 | 0 | 0 | 2,372 | 0 | 0 | 0 | 5,301 | 4,840 | 10,141 | 369 | 4,301 | 8,405 | 12,706 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 2,039 | 0 | 0 | 0 | 7,715 | 5,233 | 12,948 | 360 | 4,181 | 5,477 | 9,658 |
| 27 | 1,136 | 0 | 1,136 | 0 | 0 | 0 | 2,555 | 0 | 0 | 0 | 7,803 | 5,927 | 13,730 | 441 | 4,105 | 7,282 | 11,387 |
| 28 | 2,144 | 0 | 2,144 | 0 | 0 | 0 | 3,321 | 0 | 0 | 0 | 6,901 | 7,774 | 14,675 | 454 | 4,139 | 8,483 | 12,622 |
| 29 | 1,955 | 0 | 1,955 | 0 | 0 | 0 | 3,573 | 0 | 0 | 0 | 7,089 | 8,881 | 15,970 | 438 | 4,201 | 9,274 | 13,475 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 3,729 | 0 | 0 | 0 | 7,154 | 11,257 | 18,411 | 327 | 4,264 | 9,795 | 14,059 |

| AQUEDUCT CHECK 12 | O'NEILL PUMPING | | O'NEILL GENERATION | | SAN LUIS PUMPING | | | SAN LUIS GENERATION | | | PACHECO PUMPING | DOS AMIGOS | |
|-------------------|-----------------|---------|--------------------|---------|------------------|---------|---------|---------------------|-------|---------|-----------------|------------|---------|
| TOTAL | TOTAL | FEDERAL | TOTAL | FEDERAL | TOTAL | FEDERAL | TOTAL | FEDERAL | TOTAL | FEDERAL | TOTAL | TOTAL | FEDERAL |
| 104,800 | 52,993 | 0 | 44,085 | 52,993 | 14,191 | 9,887 | 254,148 | 122,162 | 9,972 | 351,745 | 351,745 | 120,337 | 231,408 |
| STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | XVC | 0 |

COMMENTS: ALL VALUES IN ACRE-FEET

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

Table 20

APRIL 2004

FEDERAL-STATE OPERATIONS

RUN DATE: May 20, 2004

| DAY | TRACY PUMPING | | | CLIFT COURT TOTAL | DELTA PUMPING PLANT | | | FED BANKS XVC | STATE DOS BYRON | | | AQEDUCT CHECK 21 | | | DMC-POOL DEMANDS |
|---------------|----------------|----------|----------------|-------------------------|------------------------|----------|----------------|---------------------|-----------------------|------------------|----------------|------------------|----------------|----------------|---------------------|
| | FED | STATE | TOTAL | | STATE | FED | TOTAL | | AMIGOS XVC | BETHANY TOTAL | STATE | FED | TOTAL | | |
| 1 | 8,710 | 0 | 8,710 | 9,909 | 8,769 | 0 | 8,769 | 0 | 0 | 21 | 8,234 | 0 | 8,234 | 2,924 | |
| 2 | 8,612 | 0 | 8,612 | 8,513 | 7,253 | 0 | 7,253 | 0 | 0 | 32 | 8,485 | 0 | 8,485 | 2,895 | |
| 3 | 8,701 | 0 | 8,701 | 6,923 | 6,855 | 0 | 6,855 | 0 | 0 | 25 | 8,796 | 0 | 8,796 | 3,110 | |
| 4 | 8,292 | 0 | 8,292 | 6,652 | 6,551 | 0 | 6,551 | 0 | 0 | 15 | 7,696 | 0 | 7,696 | 3,205 | |
| 5 | 8,638 | 0 | 8,638 | 8,328 | 7,997 | 0 | 7,997 | 0 | 0 | 116 | 8,185 | 0 | 8,185 | 3,459 | |
| 6 | 8,650 | 0 | 8,650 | 10,352 | 10,257 | 0 | 10,257 | 0 | 0 | 116 | 8,856 | 0 | 8,856 | 3,529 | |
| 7 | 3,858 | 0 | 3,858 | 11,655 | 11,445 | 0 | 11,445 | 0 | 0 | 81 | 7,574 | 0 | 7,574 | 2,820 | |
| 8 | 2,414 | 0 | 2,414 | 3,939 | 4,030 | 0 | 4,030 | 0 | 0 | 146 | 7,430 | 0 | 7,430 | 3,384 | |
| 9 | 3,273 | 0 | 3,273 | 6,937 | 6,828 | 0 | 6,828 | 0 | 0 | 152 | 7,741 | 0 | 7,741 | 4,194 | |
| 10 | 5,213 | 0 | 5,213 | 7,308 | 6,574 | 0 | 6,574 | 0 | 0 | 152 | 6,724 | 0 | 6,724 | 4,181 | |
| 11 | 7,984 | 0 | 7,984 | 5,932 | 6,556 | 0 | 6,556 | 0 | 0 | 152 | 5,627 | 0 | 5,627 | 4,182 | |
| 12 | 8,793 | 0 | 8,793 | 5,887 | 5,831 | 0 | 5,831 | 0 | 0 | 164 | 7,133 | 0 | 7,133 | 3,554 | |
| 13 | 8,750 | 0 | 8,750 | 2,909 | 3,868 | 0 | 3,868 | 0 | 0 | 161 | 8,005 | 0 | 8,005 | 4,077 | |
| 14 | 7,678 | 0 | 7,678 | 1,946 | 2,011 | 0 | 2,011 | 0 | 0 | 85 | 8,336 | 0 | 8,336 | 3,759 | |
| 15 | 2,368 | 0 | 2,368 | 482 | 527 | 0 | 527 | 0 | 0 | 84 | 9,324 | 0 | 9,324 | 3,605 | |
| 16 | 0 | 0 | 0 | 2,965 | 2,920 | 0 | 2,920 | 0 | 0 | 110 | 8,307 | 0 | 8,307 | 3,552 | |
| 17 | 0 | 0 | 0 | 2,968 | 3,013 | 0 | 3,013 | 0 | 0 | 84 | 8,056 | 0 | 8,056 | 3,302 | |
| 18 | 2,840 | 0 | 2,840 | 193 | 0 | 0 | 0 | 0 | 0 | 85 | 7,590 | 0 | 7,590 | 4,891 | |
| 19 | 1,132 | 0 | 1,132 | 1,769 | 2,701 | 0 | 2,701 | 0 | 0 | 316 | 6,983 | 0 | 6,983 | 2,949 | |
| 20 | 0 | 0 | 0 | 2,961 | 358 | 0 | 358 | 0 | 0 | 85 | 7,739 | 0 | 7,739 | 2,393 | |
| 21 | 0 | 0 | 0 | 2,880 | 2,886 | 0 | 2,886 | 0 | 0 | 80 | 7,649 | 0 | 7,649 | 2,617 | |
| 22 | 2,837 | 0 | 2,837 | 132 | 0 | 0 | 0 | 0 | 0 | 68 | 8,411 | 0 | 8,411 | 4,939 | |
| 23 | 1,136 | 0 | 1,136 | 1,780 | 1,948 | 0 | 1,948 | 0 | 0 | 112 | 8,874 | 0 | 8,874 | 3,326 | |
| 24 | 0 | 0 | 0 | 2,957 | 3,065 | 0 | 3,065 | 0 | 0 | 85 | 7,633 | 0 | 7,633 | 2,535 | |
| 25 | 0 | 0 | 0 | 2,956 | 3,087 | 0 | 3,087 | 0 | 0 | 85 | 8,281 | 0 | 8,281 | 2,372 | |
| 26 | 2,609 | 0 | 2,609 | 230 | 27 | 0 | 27 | 0 | 0 | 246 | 6,903 | 0 | 6,903 | 4,648 | |
| 27 | 1,061 | 0 | 1,061 | 1,705 | 1,782 | 0 | 1,782 | 0 | 0 | 181 | 7,631 | 0 | 7,631 | 3,616 | |
| 28 | 0 | 0 | 0 | 2,960 | 2,910 | 0 | 2,910 | 0 | 0 | 136 | 8,337 | 0 | 8,337 | 3,321 | |
| 29 | 0 | 0 | 0 | 2,959 | 2,950 | 0 | 2,950 | 0 | 0 | 181 | 8,978 | 0 | 8,978 | 3,573 | |
| 30 | 2,617 | 0 | 2,617 | 186 | 0 | 0 | 0 | 0 | 0 | 122 | 7,871 | 0 | 7,871 | 6,346 | |
| TOTALS | 116,166 | 0 | 116,166 | 127,273 | 122,999 | 0 | 122,999 | 0 | 0 | 3,478 | 237,389 | 0 | 237,389 | 107,258 | |

COMMENTS: ALL VALUES IN ACRE-FEET

Table 22

U. S. Department of Interior - Bureau of Reclamation
Central Valley Operations Office

**Friant-Kern Canal
2004**

Monthly Deliveries in AF

| Water User | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|-------------|--------------|--------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| Alpaugh ID | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Arvin-Edison WSD | 2005 | 2918 | 10918 | 6146 | | | | | | | | | 21987 |
| Atwell Island WD | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Delano-Earlimart ID | 207 | 1111 | 5675 | 15753 | | | | | | | | | 22746 |
| Exeter ID | 3 | 5 | 144 | 708 | | | | | | | | | 860 |
| City of Fresno | 0 | 269 | 22 | 87 | | | | | | | | | 378 |
| County of Fresno SA #34 | 3 | 4 | 20 | 30 | | | | | | | | | 57 |
| Fresno ID | 0 | 0 | 0 | 3750 | | | | | | | | | 3750 |
| Garfield WD | 0 | 26 | 65 | 322 | | | | | | | | | 413 |
| Hills Valley ID | 0 | 0 | 102 | 440 | | | | | | | | | 542 |
| International WD | 0 | 0 | 0 | 16 | | | | | | | | | 16 |
| Ivanhoe ID | 0 | 0 | 0 | 242 | | | | | | | | | 242 |
| Kaweah Delta WCD | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Kern County Water Agency | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Kern-Tulare WD | 273 | 258 | 1364 | 2585 | | | | | | | | | 4480 |
| Kings County WD | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Kings River CD | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Lewis Creek WD | 0 | 0 | 0 | 21 | | | | | | | | | 21 |
| Lindmore ID | 0 | 0 | 841 | 2621 | | | | | | | | | 3462 |
| City of Lindsay | 151 | 143 | 200 | 222 | | | | | | | | | 716 |
| Lindsay-Strathmore ID | 0 | 102 | 76 | NR | | | | | | | | | 178 |
| Wutchumna (Lindsey-Strathmore non-proje | 159 | 33 | 572 | NR | | | | | | | | | 764 |
| Lower Tule River ID | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| North-Kern WSD | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| City of Orange Cove | 80 | 88 | 117 | 171 | | | | | | | | | 456 |
| Orange Cove ID | 0 | 10 | 573 | 2652 | | | | | | | | | 3235 |
| Pixley ID | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Porterville ID | 0 | 0 | 840 | 1520 | | | | | | | | | 2360 |
| Rag Gulch WD | 0 | 46 | 188 | 1136 | | | | | | | | | 1370 |
| Rosedale Rio Bravo WSD | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Saucelito ID | 0 | 271 | 1918 | 4311 | | | | | | | | | 6500 |
| Semitropic WSD | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Shafter Wasco ID | 869 | 6224 | 5895 | 6888 | | | | | | | | | 19876 |
| Southern San Joaquin MUD | 726 | 3537 | 8409 | 12668 | | | | | | | | | 25340 |
| Smallwood Vineyards | 0 | 0 | 7 | 70 | | | | | | | | | 77 |
| Stone Corral ID | 18 | 16 | 229 | 749 | | | | | | | | | 1012 |
| Strathmore PUD | 35 | 32 | 44 | 56 | | | | | | | | | 167 |
| Styro Tek, Inc. | 0 | 1 | 1 | 0 | | | | | | | | | 2 |
| Tea Pot Dome WD | 0 | 0 | 127 | 544 | | | | | | | | | 671 |
| Terra Bella ID | 64 | 50 | 430 | 1695 | | | | | | | | | 2239 |
| Tri-Valley WD | 0 | 0 | 5 | 48 | | | | | | | | | 53 |
| Tulare ID | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Tulare Lake Basin WSD | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Total | 4593 | 15144 | 38782 | 65451 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123970 |

* Data supplied by Fresno Field Division, Contracts Administration Division

Table 23

U. S. Department of Interior - Bureau of Reclamation
Central Valley Operations Office

**Madera Canal and Millerton Lake
2004**

Monthly Deliveries in AF

| Water Users | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|-----------------------|----------|----------|-------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|
| MADERA CANAL | | | | | | | | | | | | | |
| Chowchilla WD | 0 | 0 | 0 | NR | | | | | | | | | 0 |
| Madera ID | 0 | 0 | 0 | NR | | | | | | | | | 0 |
| Soquel | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MILLERTON LAKE | | | | | | | | | | | | | |
| County of Madera | 2 | 2 | 3 | 6 | | | | | | | | | 13 |
| Fresno County # 18 | 6 | 6 | 8 | 16 | | | | | | | | | 36 |
| Gravelly Ford WD | 0 | 0 | 996 | 2419 | | | | | | | | | 3415 |
| Total | 8 | 8 | 1007 | 2441 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3464 |

* Data supplied by Fresno Field Division, Contracts Administration Division

Table 25

U. S. Department of Interior - Bureau of Reclamation
Central Valley Operations Office

Monthly Deliveries in AF

Delta-Mendota Canal
2004

| Water User | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--------------------------------|--------------|--------------|--------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| Banta Carbona ID | 0 | 0 | 301 | 349 | | | | | | | | | 650 |
| Broadview WD | 1069 | 2348 | 633 | 384 | | | | | | | | | 4434 |
| CCID (Abv CK 13) | 393 | 472 | 1819 | 1836 | | | | | | | | | 4520 |
| CCID (Blw CK 13) | 1868 | 623 | 6770 | 4524 | | | | | | | | | 13785 |
| Centinella WD | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| China Island (76.05) | 0 | 168 | 317 | 415 | | | | | | | | | 900 |
| Del Puerto WD | 43 | 321 | 4653 | 11829 | | | | | | | | | 16846 |
| DWR Intertie @MP7.70-R | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Eagle Field WD | 162 | 416 | 81 | 225 | | | | | | | | | 884 |
| Firebaugh Canal | 101 | 1940 | 821 | 1836 | | | | | | | | | 4698 |
| Frietas Unit (76.05L) | 0 | 569 | 25 | 0 | | | | | | | | | 594 |
| Mercy Springs WD | 37 | 144 | 38 | 163 | | | | | | | | | 382 |
| Oro Loma WD | 47 | 505 | 0 | 80 | | | | | | | | | 632 |
| Panoche WD - Ag | 284 | 453 | 135 | 288 | | | | | | | | | 1160 |
| Panoche WD - M&I | 2 | 3 | 2 | 3 | | | | | | | | | 10 |
| Patterson WD | 0 | 131 | 1057 | 440 | | | | | | | | | 1628 |
| Plainview WD | 0 | 17 | 57 | 414 | | | | | | | | | 488 |
| Salt Slough Unit (76.05L) | 1009 | 0 | 701 | 250 | | | | | | | | | 1960 |
| San Luis WD - Ag | 254 | 1238 | 457 | 523 | | | | | | | | | 2472 |
| San Luis WD - M&I | 1 | 1 | 2 | 12 | | | | | | | | | 16 |
| Tracy, City of | 0 | 447 | 649 | 1226 | | | | | | | | | 2322 |
| West Side ID | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Widren | 0 | 13 | 69 | 140 | | | | | | | | | 222 |
| W. Stanislaus ID | 64 | 319 | 2145 * | 4144 | | | | | | | | | 6672 |
| F&G - Los Banos Ref. 76.05L | 1027 | 0 | 860 | 612 | | | | | | | | | 2499 |
| Volta Wildlife Mgmt Area (F&G) | 38 | 245 | 0 | 206 | | | | | | | | | 489 |
| Grasslands WD -76.05L | 6638 | 3623 | 1700 | 3428 | | | | | | | | | 15389 |
| Grasslands WD - Volta | 215 | 571 | 0 | 2217 | | | | | | | | | 3003 |
| F&W (Volta) Santa Fee Kest. | 0 | 569 | 0 | 522 | | | | | | | | | 1091 |
| F&W - Kesterson 76.05L | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Total DMC Deliveries | 13252 | 15136 | 23292 | 36066 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87746 |
| Oneill Net Pumped | 218374 | 130378 | 147335 | 8908 | | | | | | | | | 504995 |
| DMC plus Oneill | 231626 | 145514 | 170627 | 44974 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 592741 |

Data supplied by San Luis Delta-Mendota Water Authority

Table 26

U. S. Department of Interior - Bureau of Reclamation
Central Valley Operations Office

San Luis and Cross Valley Canals
2004

Monthly Deliveries in AF

| Water User | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|------------------------------------|--------------|--------------|--------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| SAN LUIS CANAL | | | | | | | | | | | | | |
| City of Avenal | 182 | 168 | 204 | 225 | | | | | | | | | 779 |
| Broadview WD | 2 | 0 | 0 | 2 | | | | | | | | | 4 |
| City of Coalinga | 325 | 343 | 405 | 578 | | | | | | | | | 1651 |
| City of Dos Palos | 69 | 68 | 93 | 127 | | | | | | | | | 357 |
| City of Huron | 48 | 47 | 69 | 77 | | | | | | | | | 241 |
| Lemore N.A.S. | 0 | 0 | 147 | 254 | | | | | | | | | 401 |
| Pacheco WD | 1 | 2 | 1 | 101 | | | | | | | | | 105 |
| Pacheco CCID Non-project (Hamburg) | 329 | 724 | 885 | 1438 | | | | | | | | | 3376 |
| Panoche WD | 4250 | 4383 | 3534 | 3809 | | | | | | | | | 15976 |
| San Luis WD | 2383 | 5047 | 5261 | 6667 | | | | | | | | | 19358 |
| Westlands WD (Federal) | 60726 | 51482 | 82863 | 103574 | | | | | | | | | 298645 |
| Fish & Game (Lateral 4 - Federal) | 1 | 0 | 1 | 1 | | | | | | | | | 3 |
| Fish & Game (Lateral 6 - Federal) | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Total | 68316 | 62264 | 93463 | 116853 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 340896 |
| O'NEILL FOREBAY DELIVERIES | | | | | | | | | | | | | |
| Oneill Forebay Wildlife (Federal) | 60 | 65 | 69 | 74 | | | | | | | | | 268 |
| San Luis WD Ag | 54 | 316 | 651 | 1029 | | | | | | | | | 2050 |
| San Luis M&I | 27 | 24 | 34 | 83 | | | | | | | | | 168 |
| VA Cemetary | 1 | 1 | 2 | 4 | | | | | | | | | 8 |
| Total | 142 | 406 | 756 | 1190 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2494 |
| CROSS VALLEY CANAL | | | | | | | | | | | | | |
| County of Fresno | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| County of Tulare | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Lower Tule River ID | 0 | 0 | 7854 | 0 | | | | | | | | | 7854 |
| Pixley ID | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Kern-Tulare WD | 0 | 0 | 4211 | 0 | | | | | | | | | 4211 |
| Rag Gulch WD | 0 | 0 | 4210 | 0 | | | | | | | | | 4210 |
| Hills-Valey ID | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Tri-Valley ID | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Total | 0 | 0 | 16275 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16275 |
| SAN FELIPE DIVISION | | | | | | | | | | | | | |
| Santa Clara | 9868 | 7309 | 4408 | 7591 | | | | | | | | | 29176 |
| 215 water | 0 | 0 | 1110 | 0 | | | | | | | | | 1110 |
| San Benito | 1203 | 2629 | 1271 | 2381 | | | | | | | | | 7484 |
| 215 water | 0 | 0 | 103 | 0 | | | | | | | | | 103 |
| Total | 11071 | 9938 | 6892 | 9972 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37873 |

* Data supplied by Fresno Field Division, Contracts Administration Division for San Luis Canal and Cross Valley Canal.
Tracy Field Division, Water Division for O'Neill Forebay.

Table 27

U. S. Department of Interior - Bureau of Reclamation
 Central Valley Operations Office

Tehama-Colusa Canal
2003

Monthly Deliveries in AF

| Water Users | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--------------------|------------|------------|-------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| Colusa County WD | 108 | 109 | 1763 | 6476 | | | | | | | | | 8456 |
| Cortina WD | 0 | 0 | 26 | 106 | | | | | | | | | 132 |
| Davis WD | 0 | 0 | 132 | 230 | | | | | | | | | 362 |
| Dunnigan WD | 5 | 10 | 233 | 2098 | | | | | | | | | 2346 |
| 4-M Water District | 1 | 0 | 143 | 323 | | | | | | | | | 467 |
| GCID | 0 | 161 | 1110 | 4283 | | | | | | | | | 5554 |
| Glenn Valley WD | 0 | 0 | 30 | 0 | | | | | | | | | 30 |
| Glide WD | 0 | 0 | 32 | 1126 | | | | | | | | | 1158 |
| Holthouse WD | 0 | 0 | 29 | 246 | | | | | | | | | 275 |
| Kanawha WD | 3 | 9 | 397 | 4089 | | | | | | | | | 4498 |
| Kirkwood WD | 0 | 0 | 2 | 98 | | | | | | | | | 100 |
| La Grande WD | 0 | 0 | 1 | 954 | | | | | | | | | 955 |
| Myers-Marsh MWC | 0 | 0 | 32 | 24 | | | | | | | | | 56 |
| Orland-Artois WD | 5 | 17 | 416 | 5579 | | | | | | | | | 6017 |
| Westside WD | 6 | 6 | 887 | 4301 | | | | | | | | | 5200 |
| Total | 128 | 312 | 5233 | 29933 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35606 |

Data supplied by Willows Field Division, Water and Land Division

Table 28

U. S. Department of Interior - Bureau of Reclamation
Central Valley Operations Office

Monthly Deliveries in AF

Sacramento River

2004

| Water Users | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--|----------|----------|----------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|---------------|
| A&F Boeger Corp & Thunder Farms | 0 | 0 | 0 | 77 | | | | | | | | | 77 |
| Anderson Cottonwood ID | 0 | 0 | 0 | NR | | | | | | | | | 0 |
| Andreotti, Arthur, et al | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Baber, Jack, et | 0 | 0 | 0 | 31 | | | | | | | | | 31 |
| A&R Farms (Odysseus) | 0 | 0 | 0 | 42 | | | | | | | | | 42 |
| Cannel, Fred | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Carter, Jane | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Colusa Prop. Inc | 0 | 0 | 0 | 90 | | | | | | | | | 90 |
| Conaway Conservancy Group | 0 | 0 | 0 | 1400 | | | | | | | | | 1400 |
| Davis, Olive P, et al | 0 | 0 | 0 | 2380 | | | | | | | | | 2380 |
| Deseret Farms of Calif | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Dommer, Elizabeth | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Forry, David G, et al | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Forster, Rosemary | 0 | 0 | 0 | 524 | | | | | | | | | 524 |
| Furlan Joint Venture (Area #1) | 0 | 0 | 0 | 26 | | | | | | | | | 26 |
| Furlan Joint Venture (Area #2) | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Glenn-Colusa ID | 0 | 0 | 0 | 91992 | | | | | | | | | 91992 |
| Griffin, J, et al | 0 | 0 | 0 | 328 | | | | | | | | | 328 |
| Henle Family Limited Partnership | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Hershey Land Co | 0 | 0 | 0 | 1 | | | | | | | | | 1 |
| Hiatt, Glenn | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Hollins, Mariette B | 0 | 0 | 0 | 66 | | | | | | | | | 66 |
| Howald Farms | 0 | 0 | 0 | 218 | | | | | | | | | 218 |
| King, Barbara | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Knaggs Walnut Ranches Co, L.P. | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Lockett, William P. | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Loma Cold Storage/J Micheli | 0 | 0 | 0 | 442 | | | | | | | | | 442 |
| M&T Inc. | 0 | 0 | 0 | 409 | | | | | | | | | 409 |
| MCM Properties, Inc | 0 | 0 | 0 | 649 | | | | | | | | | 649 |
| Maxwell ID | 0 | 0 | 0 | 20 | | | | | | | | | 20 |
| Meridan Farms WC | 0 | 0 | 0 | 2101 | | | | | | | | | 2101 |
| Natomas Central MWC | 0 | 0 | 0 | 8173 | | | | | | | | | 8173 |
| O'Brien, Janice | 0 | 0 | 0 | 88 | | | | | | | | | 88 |
| Oji Bros. Farms Inc | 0 | 0 | 0 | 320 | | | | | | | | | 320 |
| Oji, Mitsue Family PTN | 0 | 0 | 0 | 493 | | | | | | | | | 493 |
| Pelger Mutual WC | 0 | 0 | 0 | 1003 | | | | | | | | | 1003 |
| Pleasant Grove-Verona MWC | 0 | 0 | 0 | 1242 | | | | | | | | | 1242 |
| Princeton,-Codora-Glenn ID | 0 | 0 | 0 | 7065 | | | | | | | | | 7065 |
| Provident Irrigation District | 0 | 0 | 0 | 8148 | | | | | | | | | 8148 |
| Reclamation Dist #108 | 0 | 0 | 0 | 3744 | | | | | | | | | 3744 |
| Reclamation Dist #1004 | 0 | 0 | 0 | 11514 | | | | | | | | | 11514 |
| Reynen, John, et al | 0 | 0 | 0 | 140 | | | | | | | | | 140 |
| River Garden Farms | 0 | 0 | 0 | 808 | | | | | | | | | 808 |
| Roberts Ditch Irrigation Co | 0 | 0 | 0 | 205 | | | | | | | | | 205 |
| Sartain Mutual WC | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Siddiqui, J & A & Siddiqui Family Plan | 0 | 0 | 0 | 8 | | | | | | | | | 8 |
| Spence, Ruth Ann | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Sutter Mutual WC | 0 | 0 | 0 | 18363 | | | | | | | | | 18363 |
| Swinford Tract Irrigation Co | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Tarke, James, et al | 0 | 0 | 0 | 206 | | | | | | | | | 206 |
| Tisdale Irrigation & Drain | 0 | 0 | 0 | 861 | | | | | | | | | 861 |
| Wallace Construction, Inc. | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Wells, Joyce M | 0 | 0 | 0 | 71 | | | | | | | | | 71 |
| Wilson Ranch Partnership | 0 | 0 | 0 | 0 | | | | | | | | | 0 |
| Windswept Land & Livestock Co. | 0 | 0 | 0 | 213 | | | | | | | | | 213 |
| Total | 0 | 0 | 0 | 163461 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 163461 |

* Data supplied by Willows Field Division, Water and Land Division (standard form contracts)

U. S. Department of the Interior - Bureau of Reclamation
Central Valley Operations Office

**Sacramento-San Joaquin Valley - Streamflow Data
2004**

Mean monthly flow in cfs

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|
| Sacramento River | | | | | | | | | | | | |
| Shasta computed inflow | 10630 | 23518 | 12774 | 8668 | | | | | | | | |
| At Keswick | 7638 | 21345 | 14924 | 8410 | | | | | | | | |
| At Bend Bridge | 13819 | 32088 | 23745 | 10770 | | | | | | | | |
| At Vina Bridge | 18233 | 43796 | 29883 | 14231 | | | | | | | | |
| At Ord Ferry | 19581 | 44092 | 29054 | 11848 | | | | | | | | |
| At Colusa | 19229 | 26792 | 23595 | 10485 | | | | | | | | |
| Below Wilkins Slough | 18048 | 19703 | 19964 | 9915 | | | | | | | | |
| At Verona | 33182 | 39903 | 42251 | 19612 | | | | | | | | |
| Sacramento at "I" Street | 35497 | 42770 | 46233 | 23795 | | | | | | | | |
| Miscellaneous Stations | | | | | | | | | | | | |
| Folsom computed inflow | 3077 | 4789 | 5068 | 3311 | | | | | | | | |
| American R at Nimbus Dam | 2511 | 3643 | 3500 | 4344 | | | | | | | | |
| Kings River at Pine Flat | 155 | 340 | 548 | 1666 | | | | | | | | |
| San Joaquin River | | | | | | | | | | | | |
| At Friant Dam | 113 | 116 | 153 | 196 | | | | | | | | |
| Near Vernalis | 1759 | 2167 | 3301 | 2705 | | | | | | | | |
| Putah Creek | | | | | | | | | | | | |
| Berryessa computed inflow | 1096 | 3524 | 804 | 226 | | | | | | | | |
| Putah Creek - Lake Solano | 40 | 2728 | 1447 | 79 | | | | | | | | |
| Stanislaus River | | | | | | | | | | | | |
| New Melones computed inflow | 1144 | 1373 | 1702 | 1533 | | | | | | | | |
| At Tulloch Dam | 233 | 340 | 813 | 1852 | | | | | | | | |
| At Orange Blossom | 360 | 453 | 339 | 578 | | | | | | | | |

* Data supplied by Central Valley Operations Coordinations Office
Daily mean is derived from 7 am daily reading.