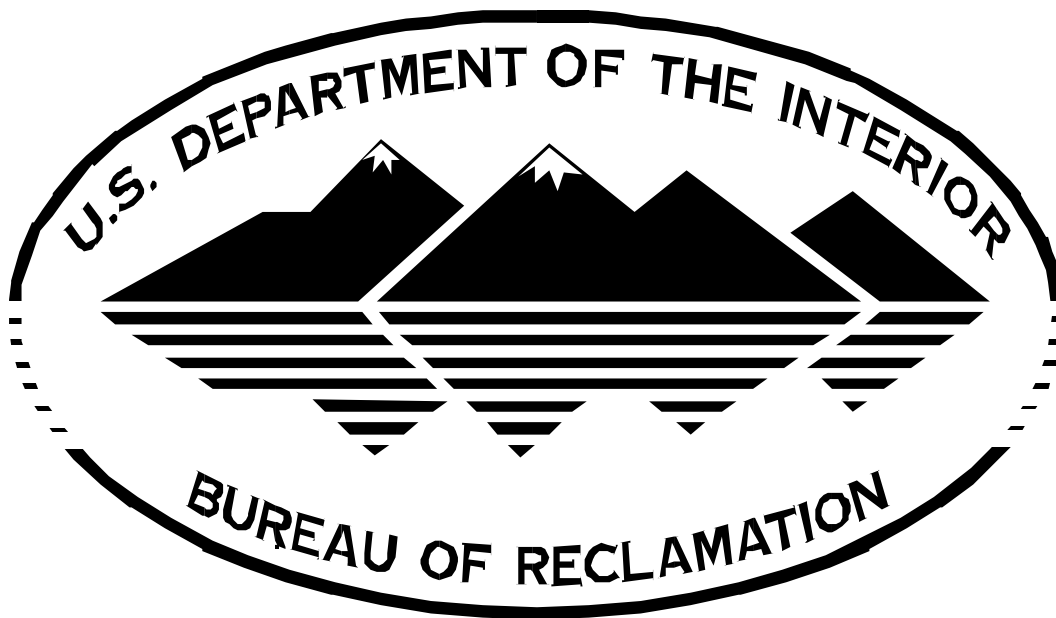


**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION**

CENTRAL VALLEY OPERATIONS OFFICE

REPORT OF OPERATIONS



July 2002

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SUMMARY OF JULY 2002 OPERATIONS

Sacramento had an average monthly temperature of 79.2 °F which was 1.8 °F above normal. The average temperature at Shasta Dam was 84.3 °F which was 3.1 °F above normal and Huntington Lake was 2.4 °F above normal with an average temperature of 63.1 °F.

Trinity System: Storage in Trinity Lake decreased 148,000 acre-feet this month to 1,759,700 acre-feet, which is 72 percent of capacity and 98 percent of the 15 year average for this date. The total inflow for the month was 21,416 acre-feet. The Trinity River release ranged between 450 to 1,410 ft³/s. Whiskeytown Lake was operated between elevations 1208.78 feet and 1209.35 feet with an end-of-month storage of 238,300 acre-feet. The releases to Clear Creek from Whiskeytown Dam ranged between 65 to 111 ft³/s. Total diversion from the Trinity River to the Sacramento River watershed for the month was 135,090 acre-feet.

Shasta-Keswick: Storage in Shasta Lake decreased 575,900 acre-feet for an end-of-month storage of 3,102,900 acre-feet, which is 68 percent of capacity and 104 percent of the 15 year average. The total inflow for the month was 213,667 acre-feet. The release to the Sacramento River at Keswick ranged between 10,500 and 14,500 ft³/s for the month.

Folsom-Nimbus: Storage in Folsom Lake decreased 155,900 acre-feet and had an end-of-month storage of 610,400 acre-feet, which is 62 percent of capacity and 105 percent of the 15 year average for this date. The total inflow for the month was 76,551 acre-feet. The release to the American River at Nimbus ranged between 2,200 and 3,000 ft³/s during the month.

New Melones: Storage in New Melones decreased 87,400 acre-feet for an end-of-month storage of 1,391,300 acre-feet or 57 percent of capacity and 109 percent of the 15 year average. The release to the Stanislaus River at Goodwin Dam ranged between 700 to 800 ft³/s for the month. The total inflow for the month was 48,167 acre-feet.

Delta-San Luis: Federal storage in San Luis Reservoir on July 31, 2002, was 248,000 acre-feet compared to the storage a year ago of 280,000 acre-feet.

Friant: Storage in Millerton Lake decreased 157,943 acre-feet to 298,300 acre-feet. The total monthly inflow was 93,246 acre-feet. The release to the San Joaquin River at Friant varied between 199 and 277 ft³/s.

CVP Totals: The total diversions to CVP canals were 583,241 acre-feet. The July 31, 2002, storage in the 18 CVP reservoirs was 7,112,000 acre-feet compared to storage 1 year ago of 6,849,000 acre-feet.

Power: Gross power production for the CVP totaled 707,361,700 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 | 07/31/02 | 07/31/01 | WATERSHED | RESERVOIR | TOTAL CAPACITY | 07/31/02 | 07/31/01 |
|----------------|--------------------|----------------|-----------|-----------|------------------------------|-------------------|-------------------|-------------------|-----------|
| KLAMATH | CLEAR LAKE * | 526,800 | 140,610 | 151,370 | AMERICAN | FOLSOM LAKE *CVP | 1,010,300 | 610,360 | 430,530 |
| | GERBER * | 94,300 | 31,530 | 24,500 | | LAKE NATOMA *CVP | 9,030 | 8,270 | 8,100 |
| | UPR KLAMATH LK * | 873,300 | 246,960 | 220,420 | COSUMNES | JENKINSON LK *CVP | 41,000 | 35,950 | 31,840 |
| TRINITY | CLAIR ENGLE LK*CVP | 2,447,700 | 1,759,690 | 1,553,890 | MOKELUMNE | CAMANCHE | 431,500 | 263,970 | 208,400 |
| | LEWISTON LAKE*CVP | 14,660 | 14,310 | 13,610 | | PARDEE | 210,000 | 191,200 | 193,470 |
| | WHISKEYTOWN *CVP | 241,100 | 238,280 | 237,770 | SALT SPRINGS | 140,000 | 121,470 | 58,590 | |
| MCCLOUD | MCCLOUD DIV. RES | 35,230 | 30,330 | 28,120 | CALAVERAS | NEW HOGAN | 317,100 | 150,030 | 133,480 |
| PIT | IRON CANYON | 24,240 | 19,090 | 15,040 | | NEW MELONES*CVP | 2,420,000 | 1,391,280 | 1,538,300 |
| | LAKE BRITTON | 40,620 | 38,200 | 36,860 | | BEARDSLEY | 97,800 | 84,370 | 36,540 |
| | PIT NO. 6 | 15,890 | 13,730 | 13,590 | STANISLAUS | DONNELLS | 64,320 | 58,690 | 37,930 |
| | PIT NO. 7 | 34,610 | 32,620 | 32,670 | TULLOCH | 67,000 | 64,920 | 65,230 | |
| SACRAMENTO | SHASTA LAKE *CVP | 4,552,000 | 3,102,920 | 2,389,560 | TUOLUMNE | LAKE ELEANOR | 26,100 | 25,310 | 23,260 |
| | SPRING CREEK *CVP | 5,900 | 830 | 980 | | LAKE LLOYD | 268,000 | 253,340 | 232,240 |
| | KESWICK *CVP | 23,800 | 22,450 | 23,470 | | HETCH-HETCHY | 360,400 | 338,510 | 285,260 |
| | RED BLUFF DIV *CVP | 3,920 | 3,920 | 3,930 | NEW DON PEDRO | 2,030,000 | 1,425,190 | 1,267,300 | |
| FEATHER | OROVILLE | 3,538,000 | 1,883,130 | 1,538,180 | TURLOCK LAKE | 49,000 | 30,300 | 30,840 | |
| | THERMALITO DIV RES | 13,500 | 12,780 | NR | MERCED | EXCHEQUER | 1,024,600 | 467,080 | 487,150 |
| | THERMALITO FORE. | 14,400 | 10,580 | NR | CHOWCHILLA | BUCHANAN | 150,000 | 16,310 | 23,400 |
| | THERMALITO AFTER. | 57,000 | 33,660 | 38,940 | CRANE VALLEY | 45,400 | 42,120 | 37,910 | |
| STONY CREEK | LAKE ALMANOR | 1,143,000 | 879,530 | 679,100 | LAKE T.A. EDISON | 125,000 | 89,900 | 56,360 | |
| | EAST PARK * | 50,900 | 11,430 | 32,020 | FLORENCE LAKE | 64,600 | 51,540 | 37,130 | |
| | STONY GORGE * | 50,000 | 27,390 | 28,990 | SAN JOAQUIN | MAMMOTH POOL | 122,700 | 95,330 | 47,180 |
| PUTAH CREEK | BLACK BUTTE *CVP | 143,700 | 64,950 | 46,980 | HUNTINGTON LAKE | 89,800 | 87,640 | 87,370 | |
| | LAKE BERRYESSA * | 1,602,300 | 1,360,730 | 1,295,070 | REDINGER LAKE | 35,000 | 24,580 | 24,190 | |
| | LAKE SOLANO * | 720 | 680 | 640 | SHAVER LAKE | 135,400 | 118,100 | 110,170 | |
| YUBA | BULLARDS BAR | 930,000 | 651,270 | 563,160 | MILLERTON LK *CVP | 520,500 | 298,250 | 193,730 | |
| | SO. YUBA SYSTEM | 146,000 | 97,780 | 51,190 | FRESNO | HIDDEN | 90,000 | 16,310 | 7,990 |
| | NARROWS | 70,000 | 64,510 | 69,660 | SAN LUIS **CVP | 2,040,600 | 646,890 | 760,040 | |
| BEAR | ROLLINS | 65,990 | 65,250 | 54,420 | O'NEILL FORE.**CVP | 56,400 | 53,000 | 43,910 | |
| LITTLE TRUCKEE | STAMPEDE * | 226,620 | 113,800 | 174,500 | SAN LUIS | L BANOS RES**CVP | 34,560 | 19,520 | 18,990 |
| | BOCA * | 41,140 | 39,800 | 8,600 | LT PANOCHE **CVP | 5,580 | 730 | 730 | |
| PROSSER | PROSSER CREEK * | 29,840 | 20,200 | 10,900 | OIL CANYON | CONTRA LOMA *CVP | 2,100 | 2,040 | 930 |
| TRUCKEE | LAKE TAHOE * | 732,000 | 206,500 | 326,900 | KINGS | WISHON | 128,300 | 61,550 | 58,300 |
| | RYE PATCH * | 190,000 | 19,700 | 24,400 | PINE FLAT | 1,001,500 | 200,560 | 278,140 | |
| HUMBOLDT | | | | | KAWEAH | TERMINUS | 143,000 | 29,750 | 5,730 |
| CARSON | LAHONTAN * | 317,280 | 165,000 | 140,200 | TULE | SUCCESS | 82,300 | 20,030 | 10,000 |
| | TWIN LAKES | 21,600 | 21,590 | 20,390 | KERN | ISABELLA | 588,100 | 132,190 | 125,560 |
| | FRENCH MEADOWS | 136,400 | 110,340 | 59,720 | CUYAMA | TWITCHELL * | 240,100 | 5,160 | 5,160 |
| AMERICAN | HELL HOLE | 207,590 | 139,310 | 51,100 | SANTA YNEZ | LAKE CACHUMA * | 190,500 | 145,400 | 177,380 |
| | LOON LAKE | 76,500 | 69,070 | 57,370 | COYOTE | LAKE CASITAS * | 254,000 | 205,910 | 229,740 |
| | ICE HOUSE | 46,000 | 42,790 | 29,970 | TOTAL - 85 RESERVOIRS | 33,790,040 | 19,951,540 | 17,565,490 | |
| | UNION VALLEY | 277,300 | 245,760 | 93,120 | TOTAL - 36 RESERVOIRS | 18,992,650 | 11,014,440 | 10,148,080 | |
| | SLAB CREEK | 16,600 | 15,490 | 15,690 | TOTAL - 18 RESERVOIRS | 13,572,850 | 8,273,640 | 7,297,290 | |

** - Joint State-Federal Reservoir

* - USBR Reservoir

CVP - Central Valley Project

NR - Not Reported

Plant Generation and Energy Summary for 2002

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|-----|-----|-----|-----|-----|-----------|
| <u>Generation in mwh</u> | | | | | | | | | | | | | |
| Shasta | | | | | | | | | | | | | |
| Gross | 129390 | 72525 | 112474 | 119835 | 215951 | 270363 | 305078 | | | | | | 1,225,616 |
| Net | 128954 | 72134 | 112155 | 119468 | 215616 | 270048 | 304743 | | | | | | 1,223,118 |
| Keswick | | | | | | | | | | | | | |
| Gross | 31833 | 18594 | 23732 | 23449 | 42561 | 54934 | 64491 | | | | | | 259,594 |
| Net | 31683 | 18464 | 23586 | 23324 | 42428 | 54801 | 64350 | | | | | | 258,636 |
| Trinity | | | | | | | | | | | | | |
| Gross | 546 | 6291 | 8344 | 21635 | 78785 | 58117 | 60993 | | | | | | 234,711 |
| Net | 481 | 6143 | 8181 | 21496 | 78642 | 57992 | 60868 | | | | | | 233,803 |
| JF Carr | | | | | | | | | | | | | |
| Gross | 368 | 739 | 1570 | 19887 | 19787 | 55536 | 69635 | | | | | | 167,522 |
| Net | 240 | 598 | 1436 | 19832 | 19734 | 55454 | 69539 | | | | | | 166,833 |
| Spring Creek PP | | | | | | | | | | | | | |
| Gross | 33762 | 11434 | 8659 | 2034 | 21040 | 53176 | 67864 | | | | | | 197,969 |
| Net | 33624 | 11359 | 8577 | 1966 | 20979 | 53072 | 67741 | | | | | | 197,318 |
| Folsom | | | | | | | | | | | | | |
| Gross | 22501 | 21996 | 48677 | 62731 | 46760 | 46912 | 57358 | | | | | | 306,935 |
| Net | 22249 | 21793 | 48489 | 62559 | 46587 | 46738 | 57158 | | | | | | 305,573 |
| Nimbus | | | | | | | | | | | | | |
| Gross | 2602 | 2923 | 5958 | 7500 | 5623 | 5297 | 7111 | | | | | | 37,014 |
| Net | 2584 | 2902 | 5936 | 7480 | 5603 | 5277 | 7092 | | | | | | 36,874 |
| New Melones | | | | | | | | | | | | | |
| Gross | 4972 | 10484 | 23726 | 63176 | 61744 | 52164 | 55873 | | | | | | 272,139 |
| Net | 4864 | 10386 | 23618 | 63054 | 61617 | 52053 | 55754 | | | | | | 271,346 |
| O'Neill | | | | | | | | | | | | | |
| Gross | 0 | 0 | 0 | 1147 | 3037 | 2448 | 31 | | | | | | 6,663 |
| Net | 0 | 0 | 0 | 1108 | 2934 | 2375 | 19 | | | | | | 6,436 |
| Fed San Luis | | | | | | | | | | | | | |
| Out Meter | 0 | 0 | 1728 | 23275 | 0 | 53476 | 18928 | | | | | | 97,407 |
| Gross Generation | 225,974 | 144,986 | 234,868 | 344,669 | 495,288 | 652,423 | 707,362 | 0 | 0 | 0 | 0 | 0 | 2,805,570 |
| Net Generation | 224,679 | 143,779 | 233,706 | 343,562 | 494,140 | 651,286 | 706,192 | 0 | 0 | 0 | 0 | 0 | 2,797,344 |
| Stampede (Gross) | 327 | 529 | 1,500 | 2,100 | 2,176 | 1,812 | 843 | | | | | | 9,287 |
| Stampede (Net) | 299 | 505 | 1,473 | 2,076 | 2,156 | 1,796 | 830 | | | | | | 9,135 |
| <u>Energy in mwh</u> | | | | | | | | | | | | | |
| Tracy | | | | | | | | | | | | | |
| Tot Energy | 59504 | 46477 | 59914 | 29204 | 11716 | 34516 | 62001 | | | | | | 303,332 |
| Fed Off-Pk | 28189 | 21469 | 28350 | 13551 | 5577 | 16371 | 29433 | | | | | | 142,940 |
| O'Neill | | | | | | | | | | | | | |
| Tot Energy | 13372 | 5568 | 9108 | 3297 | 0 | 224 | 911 | | | | | | 32,480 |
| Fed Off-Pk | 6419 | 2652 | 4324 | 1501 | 0 | 85 | 416 | | | | | | 15,397 |
| San Luis | | | | | | | | | | | | | |
| Fed Energy | 69662 | 15015 | 18369 | 4898 | 114 | 63 | 78 | | | | | | 108,199 |
| Fed Off-Pk | 56537 | 14970 | 17559 | 1203 | 114 | 63 | 63 | | | | | | 90,509 |
| Dos Amigos | | | | | | | | | | | | | |
| Fed Energy | 4303 | 12059 | 11952 | 11333 | 13767 | 25629 | 24536 | | | | | | 103,579 |
| Fed Off-Pk | 3708 | 8174 | 8202 | 7898 | 9087 | 14304 | 14574 | | | | | | 65,947 |
| Banks - Fed | | | | | | | | | | | | | |
| Fed Energy | 0 | 0 | 0 | 0 | 0 | 0 | 13018 | | | | | | 13,018 |
| Fed Off-Pk | 0 | 0 | 0 | 0 | 0 | 0 | 3193 | | | | | | 3,193 |
| Total Energy | 146,841 | 79,119 | 99,343 | 48,732 | 25,597 | 60,432 | 100,544 | 0 | 0 | 0 | 0 | 0 | 560,608 |
| Total Fed Off-Pk | 94,853 | 47,265 | 58,435 | 24,153 | 14,778 | 30,823 | 47,679 | 0 | 0 | 0 | 0 | 0 | 317,986 |

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

Table 3

JULY 2002

SHASTA LAKE DAILY OPERATIONS

RUN DATE: August 20, 2002

| DAY | ELEV | STORAGE | | COMPUTED* INFLOW C.F.S. | RELEASE - C.F.S. | | | EVAPORATION C.F.S. | PRECIP INCHES | |
|------------------|----------|---------------------------|-----------------|-------------------------------|------------------|----------------|----------|-----------------------|------------------|------------|
| | | 1000 ACRE-Feet IN LAKE | CHANGE | | POWER | RIVER SPILL | OUTLET | | | |
| | | 3,678.8 | | | | | | | | |
| 1 | 1,035.01 | 3,661.7 | -17.1 | 3,734 | 12,033 | 0 | 0 | 343 | .45 | .00 |
| 2 | 1,034.38 | 3,645.4 | -16.3 | 4,610 | 12,137 | 0 | 0 | 683 | .90 | .00 |
| 3 | 1,033.75 | 3,629.2 | -16.3 | 4,480 | 12,423 | 0 | 0 | 250 | .33 | .00 |
| 4 | 1,032.99 | 3,609.6 | -19.5 | 2,603 | 12,119 | 0 | 0 | 339 | .45 | .00 |
| 5 | 1,032.29 | 3,591.7 | -17.9 | 3,388 | 12,097 | 0 | 0 | 323 | .43 | .00 |
| 6 | 1,031.55 | 3,572.8 | -18.9 | 2,542 | 11,784 | 0 | 0 | 277 | .37 | .00 |
| 7 | 1,030.86 | 3,555.3 | -17.6 | 2,716 | 11,230 | 0 | 0 | 336 | .45 | .00 |
| 8 | 1,030.23 | 3,539.3 | -16.0 | 3,409 | 11,167 | 0 | 0 | 290 | .39 | .00 |
| 9 | 1,029.59 | 3,523.1 | -16.2 | 3,931 | 11,732 | 0 | 0 | 349 | .47 | .00 |
| 10 | 1,028.95 | 3,507.0 | -16.1 | 3,927 | 11,616 | 0 | 0 | 444 | .60 | .00 |
| 11 | 1,028.15 | 3,486.9 | -20.1 | 3,234 | 12,896 | 0 | 0 | 457 | .62 | .00 |
| 12 | 1,027.36 | 3,467.2 | -19.7 | 3,635 | 13,227 | 0 | 0 | 360 | .49 | .00 |
| 13 | 1,026.62 | 3,448.8 | -18.4 | 4,107 | 13,170 | 0 | 0 | 227 | .31 | .00 |
| 14 | 1,025.79 | 3,428.2 | -20.6 | 1,943 | 12,040 | 0 | 0 | 284 | .39 | .00 |
| 15 | 1,025.03 | 3,409.4 | -18.8 | 3,964 | 13,094 | 0 | 0 | 341 | .47 | .00 |
| 16 | 1,024.24 | 3,390.0 | -19.4 | 4,071 | 13,542 | 0 | 0 | 326 | .45 | .00 |
| 17 | 1,023.46 | 3,370.9 | -19.1 | 4,128 | 13,433 | 0 | 0 | 332 | .46 | .00 |
| 18 | 1,022.68 | 3,351.8 | -19.0 | 3,957 | 13,272 | 0 | 0 | 287 | .40 | .00 |
| 19 | 1,021.88 | 3,332.3 | -19.5 | 3,904 | 13,486 | 0 | 0 | 229 | .32 | .00 |
| 20 | 1,021.05 | 3,312.2 | -20.1 | 2,921 | 12,859 | 0 | 0 | 199 | .28 | .00 |
| 21 | 1,020.14 | 3,290.3 | -21.9 | 2,688 | 13,463 | 0 | 0 | 284 | .40 | .00 |
| 22 | 1,019.36 | 3,271.5 | -18.8 | 3,510 | 12,659 | 0 | 0 | 318 | .45 | .00 |
| 23 | 1,018.54 | 3,251.8 | -19.7 | 3,535 | 13,230 | 0 | 0 | 225 | .32 | .00 |
| 24 | 1,017.76 | 3,233.2 | -18.6 | 4,028 | 13,219 | 0 | 0 | 210 | .30 | .00 |
| 25 | 1,016.97 | 3,214.4 | -18.8 | 4,003 | 13,266 | 0 | 0 | 223 | .32 | .00 |
| 26 | 1,016.16 | 3,195.2 | -19.2 | 3,415 | 12,856 | 0 | 0 | 236 | .34 | .00 |
| 27 | 1,015.28 | 3,174.4 | -20.8 | 2,078 | 12,535 | 0 | 0 | 14 | .02 | .00 |
| 28 | 1,014.44 | 3,154.7 | -19.7 | 2,818 | 12,459 | 0 | 0 | 310 | .45 | .00 |
| 29 | 1,013.66 | 3,136.4 | -18.3 | 3,096 | 11,969 | 0 | 0 | 330 | .48 | .00 |
| 30 | 1,012.90 | 3,118.7 | -17.7 | 3,084 | 11,766 | 0 | 0 | 253 | .37 | .00 |
| 31 | 1,012.22 | 3,102.9 | -15.8 | 4,263 | 12,003 | 0 | 0 | 218 | .32 | .00 |
| TOTALS | | | -575.9 | 107,722 | 388,782 | 0 | 0 | 9,297 | 12.80 | .00 |
| ACRE-Feet | | | -575,900 | 213,667 | 771,149 | 0 | 0 | 18,441 | | |

COMMENTS:

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

SUMMARY

| | | | | |
|-------|---------------------|--------|---------|----------------------------|
| | RELEASE (ACRE-Feet) | | | PRECIPITATION |
| POWER | 771,149 | OUTLET | 0 | THIS MONTH = .00 |
| SPILL | 0 | TOTAL | 771,149 | JULY 1, 2002 TO DATE = .00 |

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

JULY 2002

TRINITY LAKE DAILY OPERATIONS

RUN DATE: August 30, 2002

| 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) | |
| | | 1,907.6 | | | | | | | | |
| 1 | 2,334.18 | 1,903.5 | -4.1 | 730 | 2,660 | 0 | 0 | 124 | .30 | .00 |
| 2 | 2,333.87 | 1,899.2 | -4.3 | 592 | 2,658 | 0 | 0 | 124 | .30 | .00 |
| 3 | 2,333.52 | 1,894.3 | -4.9 | 271 | 2,593 | 0 | 0 | 144 | .35 | .00 |
| 4 | 2,333.17 | 1,889.4 | -4.9 | 319 | 2,645 | 0 | 0 | 139 | .34 | .00 |
| 5 | 2,332.85 | 1,885.0 | -4.5 | 397 | 2,511 | 0 | 0 | 135 | .33 | .00 |
| 6 | 2,332.52 | 1,880.4 | -4.6 | 498 | 2,679 | 0 | 0 | 131 | .32 | .00 |
| 7 | 2,332.17 | 1,875.5 | -4.9 | 288 | 2,605 | 0 | 0 | 135 | .33 | .00 |
| 8 | 2,331.85 | 1,871.1 | -4.4 | 522 | 2,625 | 0 | 0 | 134 | .33 | .00 |
| 9 | 2,331.55 | 1,866.9 | -4.1 | 651 | 2,628 | 0 | 0 | 114 | .28 | .00 |
| 10 | 2,331.25 | 1,862.8 | -4.1 | 723 | 2,684 | 0 | 0 | 130 | .32 | .00 |
| 11 | 2,330.97 | 1,858.9 | -3.9 | 822 | 2,643 | 0 | 0 | 130 | .32 | .00 |
| 12 | 2,330.63 | 1,854.2 | -4.7 | 460 | 2,671 | 0 | 0 | 146 | .36 | .00 |
| 13 | 2,330.28 | 1,849.4 | -4.8 | 180 | 2,498 | 0 | 0 | 109 | .27 | .00 |
| 14 | 2,329.94 | 1,844.7 | -4.7 | 392 | 2,602 | 0 | 0 | 145 | .36 | .00 |
| 15 | 2,329.57 | 1,839.7 | -5.1 | 185 | 2,593 | 0 | 0 | 145 | .36 | .00 |
| 16 | 2,329.20 | 1,834.6 | -5.1 | 67 | 2,471 | 0 | 0 | 149 | .37 | .00 |
| 17 | 2,328.82 | 1,829.4 | -5.2 | 127 | 2,603 | 0 | 0 | 140 | .35 | .00 |
| 18 | 2,328.48 | 1,824.8 | -4.6 | 299 | 2,503 | 0 | 0 | 132 | .33 | .00 |
| 19 | 2,328.06 | 1,819.1 | -5.7 | 215 | 2,988 | 0 | 0 | 112 | .28 | .00 |
| 20 | 2,327.72 | 1,814.5 | -4.6 | 364 | 2,559 | 0 | 0 | 132 | .33 | .00 |
| 21 | 2,327.36 | 1,809.6 | -4.9 | 366 | 2,684 | 0 | 0 | 144 | .36 | .00 |
| 22 | 2,327.01 | 1,804.8 | -4.7 | 309 | 2,575 | 0 | 0 | 127 | .32 | .00 |
| 23 | 2,326.62 | 1,799.6 | -5.3 | 23 | 2,564 | 0 | 0 | 115 | .29 | .00 |
| 24 | 2,326.25 | 1,794.6 | -5.0 | 204 | 2,584 | 0 | 0 | 139 | .35 | .00 |
| 25 | 2,325.86 | 1,789.3 | -5.3 | 228 | 2,748 | 0 | 0 | 131 | .33 | .00 |
| 26 | 2,325.48 | 1,784.2 | -5.1 | 234 | 2,683 | 0 | 0 | 127 | .32 | .00 |
| 27 | 2,325.12 | 1,779.4 | -4.8 | 262 | 2,591 | 0 | 0 | 111 | .28 | .00 |
| 28 | 2,324.76 | 1,774.5 | -4.8 | 330 | 2,613 | 0 | 0 | 150 | .38 | .00 |
| 29 | 2,324.41 | 1,769.8 | -4.7 | 378 | 2,598 | 0 | 0 | 142 | .36 | .00 |
| 30 | 2,324.04 | 1,764.9 | -5.0 | 224 | 2,595 | 0 | 0 | 126 | .32 | .00 |
| 31 | 2,323.65 | 1,759.7 | -5.2 | 134 | 2,637 | 0 | 0 | 118 | .30 | .00 |
| TOTALS | | | -148.0 | 10,794 | 81,291 | 0 | 0 | 4,080 | 10.14 | .00 |
| ACRE-FEET | | | -148,000 | 21,410 | 161,241 | 0 | 0 | 8,093 | | |

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

| | | | | | |
|-------|---------------------|--------|---------|------------------------|-----|
| | RELEASE (ACRE-FEET) | | | PRECIPITATION | |
| POWER | 161,241 | OUTLET | 0 | THIS MONTH = | .00 |
| SPILL | 0 | TOTAL | 161,241 | JULY 1, 2002 TO DATE = | .00 |

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

Table 5

JULY 2002

WHISKEYTOWN LAKE DAILY OPERATIONS

RUN DATE: August 20, 2002

| DAY | ELEV | STORAGE 1000 ACRE-FEET IN LAKE | CHANGE | COMPUTED INFLOW C.F.S. * | FROM JUDGE FRANCIS CARR PP | CLEAR CR. NATURAL FLOW | RELEASE - C.F.S. | | | EVAP. C.F.S. | PRECIP INCHES | |
|------------------|----------|--------------------------------------|-------------|--------------------------------|-------------------------------------|---------------------------------|-------------------------------|----------|------------------------|-----------------|------------------|------------|
| | | | | | | | TO CLEAR CR (1) OUTLETS | SPILL | TO SPRING CR. PP | | | |
| | | 237.3 | | | | | | | | | | |
| 1 | 1,208.92 | 237.6 | +0.3 | 2,335 | 2,309 | 26 | 111 | 0 | 2,032 | 32 | .34 | .00 |
| 2 | 1,208.99 | 237.9 | +0.2 | 2,428 | 2,310 | 118 | 65 | 0 | 2,209 | 42 | .45 | .00 |
| 3 | 1,209.01 | 237.9 | +0.1 | 2,212 | 2,131 | 81 | 65 | 0 | 2,085 | 30 | .32 | .00 |
| 4 | 1,209.06 | 238.1 | +0.2 | 2,142 | 2,136 | 6 | 65 | 0 | 1,964 | 32 | .34 | .00 |
| 5 | 1,209.14 | 238.3 | +0.3 | 2,105 | 1,989 | 116 | 65 | 0 | 1,869 | 42 | .45 | .00 |
| 6 | 1,209.25 | 238.7 | +0.4 | 2,521 | 2,435 | 86 | 65 | 0 | 2,230 | 49 | .52 | .00 |
| 7 | 1,209.26 | 238.7 | +0.0 | 2,430 | 2,339 | 91 | 65 | 0 | 2,304 | 45 | .48 | .00 |
| 8 | 1,209.06 | 238.1 | -0.6 | 2,214 | 2,158 | 56 | 69 | 0 | 2,432 | 36 | .38 | .00 |
| 9 | 1,209.08 | 238.2 | +0.1 | 2,197 | 2,108 | 89 | 78 | 0 | 2,059 | 28 | .30 | .00 |
| 10 | 1,209.10 | 238.2 | +0.1 | 2,246 | 2,171 | 75 | 85 | 0 | 2,099 | 30 | .32 | .00 |
| 11 | 1,209.17 | 238.4 | +0.2 | 2,237 | 2,186 | 51 | 85 | 0 | 2,013 | 26 | .28 | .00 |
| 12 | 1,209.31 | 238.9 | +0.4 | 2,309 | 2,235 | 74 | 90 | 0 | 1,954 | 39 | .42 | .00 |
| 13 | 1,209.35 | 239.0 | +0.1 | 2,344 | 2,309 | 35 | 94 | 0 | 2,158 | 27 | .29 | .00 |
| 14 | 1,209.19 | 238.5 | -0.5 | 2,145 | 2,136 | 9 | 85 | 0 | 2,295 | 23 | .25 | .00 |
| 15 | 1,209.01 | 237.9 | -0.6 | 2,124 | 2,069 | 55 | 84 | 0 | 2,298 | 32 | .34 | .00 |
| 16 | 1,209.07 | 238.1 | +0.2 | 2,301 | 2,242 | 59 | 73 | 0 | 2,099 | 32 | .34 | .00 |
| 17 | 1,209.05 | 238.1 | -0.1 | 2,116 | 2,082 | 34 | 65 | 0 | 2,055 | 28 | .30 | .00 |
| 18 | 1,208.78 | 237.2 | -0.9 | 1,788 | 1,769 | 19 | 65 | 0 | 2,130 | 26 | .28 | .00 |
| 19 | 1,209.16 | 238.4 | +1.2 | 2,805 | 2,771 | 34 | 65 | 0 | 2,108 | 21 | .22 | .00 |
| 20 | 1,209.06 | 238.1 | -0.3 | 2,425 | 2,369 | 56 | 72 | 0 | 2,488 | 26 | .28 | .00 |
| 21 | 1,208.97 | 237.8 | -0.3 | 2,139 | 2,097 | 42 | 75 | 0 | 2,183 | 26 | .28 | .00 |
| 22 | 1,209.05 | 238.1 | +0.3 | 2,359 | 2,273 | 86 | 75 | 0 | 2,127 | 28 | .30 | .00 |
| 23 | 1,209.02 | 238.0 | -0.1 | 2,154 | 2,083 | 71 | 75 | 0 | 2,104 | 23 | .25 | .00 |
| 24 | 1,209.05 | 238.1 | +0.1 | 2,274 | 2,198 | 76 | 75 | 0 | 2,123 | 28 | .30 | .00 |
| 25 | 1,209.07 | 238.1 | +0.1 | 2,235 | 2,163 | 72 | 75 | 0 | 2,097 | 31 | .33 | .00 |
| 26 | 1,209.12 | 238.3 | +0.2 | 2,344 | 2,249 | 95 | 78 | 0 | 2,149 | 36 | .38 | .00 |
| 27 | 1,209.03 | 238.0 | -0.3 | 2,331 | 2,288 | 43 | 85 | 0 | 2,361 | 30 | .32 | .00 |
| 28 | 1,209.05 | 238.1 | +0.1 | 2,163 | 2,104 | 59 | 85 | 0 | 2,004 | 42 | .45 | .00 |
| 29 | 1,209.04 | 238.0 | +0.0 | 2,206 | 2,145 | 61 | 85 | 0 | 2,109 | 28 | .30 | .00 |
| 30 | 1,209.06 | 238.1 | +0.1 | 2,154 | 2,104 | 50 | 85 | 0 | 2,009 | 28 | .30 | .00 |
| 31 | 1,209.12 | 238.3 | +0.2 | 2,231 | 2,149 | 82 | 85 | 0 | 2,021 | 28 | .30 | .00 |
| TOTALS | | | +1.2 | 70,014 | 68,107 | 1,907 | 2,389 | 0 | 66,168 | 974 | 10.41 | .00 |
| ACRE-FEET | | | +1.2 | 138,873 | 135,090 | 3,783 | 4,739 | 0 | 131,244 | 1,932 | | |

* 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 | 131,244 | OUTLET | 4,739 | THIS MONTH | .00 |
| SPILL | 0 | TOTAL | 135,983 | JULY 1, 2002 TO DATE | .00 |

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

Table 6

JULY 2002

LEWISTON LAKE DAILY OPERATIONS

RUN DATE: August 20, 2002

| 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 |
| | | 14,248 | | | | | | | | |
| 1 | 1,901.36 | 14,180 | -68 | 2,732 | 80 | 220 | 150 | 2,309 | 7 | .30 |
| 2 | 1,901.22 | 14,076 | -104 | 2,715 | 80 | 220 | 150 | 2,310 | 7 | .30 |
| 3 | 1,901.19 | 14,053 | -23 | 2,577 | 80 | 220 | 150 | 2,131 | 8 | .35 |
| 4 | 1,901.55 | 14,322 | +269 | 2,729 | 80 | 220 | 150 | 2,136 | 7 | .34 |
| 5 | 1,901.90 | 14,584 | +262 | 2,578 | 80 | 220 | 150 | 1,989 | 7 | .33 |
| 6 | 1,901.50 | 14,285 | -299 | 2,741 | 80 | 220 | 150 | 2,435 | 7 | .32 |
| 7 | 1,901.05 | 13,948 | -337 | 2,626 | 80 | 220 | 150 | 2,339 | 7 | .33 |
| 8 | 1,901.10 | 13,986 | +38 | 2,634 | 80 | 220 | 150 | 2,158 | 7 | .33 |
| 9 | 1,901.49 | 14,278 | +292 | 2,711 | 80 | 220 | 150 | 2,108 | 6 | .28 |
| 10 | 1,901.70 | 14,435 | +157 | 2,707 | 80 | 220 | 150 | 2,171 | 7 | .32 |
| 11 | 1,901.73 | 14,457 | +22 | 2,654 | 80 | 220 | 150 | 2,186 | 7 | .32 |
| 12 | 1,901.70 | 14,435 | -22 | 2,682 | 80 | 220 | 150 | 2,235 | 8 | .36 |
| 13 | 1,901.22 | 14,076 | -359 | 2,584 | 80 | 220 | 150 | 2,309 | 6 | .27 |
| 14 | 1,901.28 | 14,120 | +44 | 2,616 | 80 | 220 | 150 | 2,136 | 8 | .36 |
| 15 | 1,901.48 | 14,270 | +150 | 2,603 | 80 | 220 | 150 | 2,069 | 8 | .36 |
| 16 | 1,900.99 | 13,904 | -366 | 2,515 | 80 | 220 | 150 | 2,242 | 8 | .37 |
| 17 | 1,901.26 | 14,105 | +201 | 2,641 | 80 | 220 | 150 | 2,082 | 8 | .35 |
| 18 | 1,901.91 | 14,592 | +487 | 2,472 | 80 | 220 | 150 | 1,769 | 7 | .33 |
| 19 | 1,901.52 | 14,300 | -292 | 3,080 | 80 | 220 | 150 | 2,771 | 6 | .28 |
| 20 | 1,901.10 | 13,986 | -314 | 2,668 | 80 | 220 | 150 | 2,369 | 7 | .33 |
| 21 | 1,901.51 | 14,292 | +306 | 2,709 | 80 | 220 | 150 | 2,097 | 8 | .36 |
| 22 | 1,901.20 | 14,061 | -231 | 2,614 | 80 | 220 | 150 | 2,273 | 7 | .32 |
| 23 | 1,901.30 | 14,135 | +74 | 2,576 | 80 | 220 | 150 | 2,083 | 6 | .29 |
| 24 | 1,901.12 | 14,001 | -134 | 2,588 | 80 | 220 | 150 | 2,198 | 8 | .35 |
| 25 | 1,901.49 | 14,278 | +277 | 2,760 | 80 | 239 | 131 | 2,163 | 7 | .33 |
| 26 | 1,901.55 | 14,322 | +44 | 2,728 | 80 | 250 | 120 | 2,249 | 7 | .32 |
| 27 | 1,901.22 | 14,076 | -246 | 2,620 | 80 | 250 | 120 | 2,288 | 6 | .28 |
| 28 | 1,901.32 | 14,150 | +74 | 2,599 | 80 | 250 | 120 | 2,104 | 8 | .38 |
| 29 | 1,901.21 | 14,068 | -82 | 2,562 | 80 | 250 | 120 | 2,145 | 8 | .36 |
| 30 | 1,901.32 | 14,150 | +82 | 2,602 | 80 | 250 | 120 | 2,104 | 7 | .32 |
| 31 | 1,901.53 | 14,307 | +157 | 2,685 | 80 | 250 | 120 | 2,149 | 7 | .30 |
| TOTALS | | | +59 | 82,308 | 2,480 | 7,019 | 4,451 | 68,107 | 222 | 10.14 |
| ACRE-FEET | | | +59 | 163,258 | 4,919 | 13,922 | 8,829 | 135,090 | 440 | |

* 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 | 4,919 | JUDGE FRANCIS CARR POWERPLANT | 135,090 |
| TOTAL RIVER | 27,670 | TOTAL RELEASE | 162,760 |

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

Table 7

JULY 2002

SPRING CREEK DEBRIS RESERVOIR DAILY OPERATIONS

RUN DATE: August 20, 2002

| 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 | |
| | | 1,105 | | | | | | | | |
| 1 | 712.62 | 940 | -165 | -13 | 0 | 70 | | | | |
| 2 | 705.56 | 739 | -201 | -37 | 0 | 64 | | | | |
| 3 | 705.85 | 746 | +7 | 4 | 0 | 0 | | | | |
| 4 | 706.07 | 752 | +6 | 3 | 0 | 0 | | | | |
| 5 | 706.22 | 756 | +4 | 2 | 0 | 0 | | | | |
| 6 | 706.47 | 763 | +7 | 4 | 0 | 0 | | | | |
| 7 | 706.63 | 767 | +4 | 2 | 0 | 0 | | | | |
| 8 | 706.73 | 770 | +3 | 2 | 0 | 0 | | | | |
| 9 | 707.05 | 778 | +8 | 4 | 0 | 0 | | | | |
| 10 | 707.18 | 782 | +4 | 2 | 0 | 0 | | | | |
| 11 | 707.25 | 784 | +2 | 1 | 0 | 0 | | | | |
| 12 | 707.40 | 788 | +4 | 2 | 0 | 0 | | | | |
| 13 | 707.54 | 792 | +4 | 2 | 0 | 0 | | | | |
| 14 | 707.61 | 794 | +2 | 1 | 0 | 0 | | | | |
| 15 | 707.69 | 796 | +2 | 1 | 0 | 0 | | | | |
| 16 | 707.74 | 798 | +2 | 1 | 0 | 0 | | | | |
| 17 | 707.80 | 799 | +1 | 1 | 0 | 0 | | | | |
| 18 | 707.92 | 803 | +4 | 2 | 0 | 0 | | | | |
| 19 | 708.04 | 806 | +3 | 2 | 0 | 0 | | | | |
| 20 | 708.10 | 808 | +2 | 1 | 0 | 0 | | | | |
| 21 | 708.16 | 809 | +1 | 1 | 0 | 0 | | | | |
| 22 | 708.21 | 811 | +2 | 1 | 0 | 0 | | | | |
| 23 | 708.24 | 812 | +1 | 1 | 0 | 0 | | | | |
| 24 | 708.30 | 813 | +1 | 1 | 0 | 0 | | | | |
| 25 | 708.41 | 816 | +3 | 2 | 0 | 0 | | | | |
| 26 | 708.52 | 820 | +4 | 2 | 0 | 0 | | | | |
| 27 | 708.55 | 820 | +0 | 0 | 0 | 0 | | | | |
| 28 | 708.57 | 821 | +1 | 1 | 0 | 0 | | | | |
| 29 | 708.61 | 822 | +1 | 1 | 0 | 0 | | | | |
| 30 | 708.66 | 823 | +1 | 1 | 0 | 0 | | | | |
| 31 | 708.72 | 825 | +2 | 1 | 0 | 0 | | | | |
| TOTALS | | | -280 | -1 | 0 | 134 | | | | |
| ACRE-FEET | | | -280 | -2 | 0 | 266 | | | | |

COMMENTS:

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

SUMMARY

| RELEASE (ACRE-FEET) | |
|---------------------|-----|
| SPILL | 0 |
| OUTLET | 266 |
| TOTAL | 266 |

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

Table 8

JULY 2002

KESWICK RESERVOIR DAILY OPERATIONS

RUN DATE: August 20, 2002

| 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) |
|------------------|--------|------------------------------|-------------|-------------------------------|--------------------------------|----------------------------|----------------|---------------------------|--------------|-----------------------|
| | | 22,013 | | | | | | | | |
| 1 | 584.58 | 22,248 | +235 | 14,156 | 2,032 | 12,033 | 12,535 | 1,410 | 85 | 8 |
| 2 | 584.84 | 22,408 | +160 | 14,212 | 2,209 | 12,137 | 11,642 | 2,388 | 85 | 16 |
| 3 | 585.35 | 22,727 | +319 | 14,202 | 2,085 | 12,423 | 11,785 | 2,165 | 85 | 6 |
| 4 | 585.73 | 22,965 | +238 | 14,647 | 1,964 | 12,119 | 14,434 | 0 | 85 | 8 |
| 5 | 585.41 | 22,764 | -201 | 14,427 | 1,869 | 12,097 | 14,435 | 0 | 85 | 8 |
| 6 | 585.77 | 22,991 | +227 | 14,611 | 2,230 | 11,784 | 14,405 | 0 | 85 | 7 |
| 7 | 585.09 | 22,564 | -427 | 14,092 | 2,304 | 11,230 | 14,214 | 0 | 85 | 8 |
| 8 | 584.85 | 22,414 | -150 | 14,424 | 2,432 | 11,167 | 14,449 | 0 | 44 | 7 |
| 9 | 584.62 | 22,273 | -141 | 14,446 | 2,059 | 11,732 | 14,508 | 0 | 0 | 9 |
| 10 | 583.33 | 21,483 | -790 | 14,109 | 2,099 | 11,616 | 14,496 | 0 | 0 | 11 |
| 11 | 585.58 | 22,871 | +1,388 | 15,194 | 2,013 | 12,896 | 14,483 | 0 | 0 | 11 |
| 12 | 584.74 | 22,347 | -524 | 14,720 | 1,954 | 13,227 | 14,975 | 0 | 0 | 9 |
| 13 | 583.82 | 21,781 | -566 | 14,699 | 2,158 | 13,170 | 14,978 | 0 | 0 | 6 |
| 14 | 582.87 | 21,205 | -576 | 14,683 | 2,295 | 12,040 | 14,966 | 0 | 0 | 7 |
| 15 | 582.59 | 21,038 | -167 | 14,983 | 2,298 | 13,094 | 15,059 | 0 | 0 | 8 |
| 16 | 583.30 | 21,465 | +427 | 15,201 | 2,099 | 13,542 | 14,978 | 0 | 0 | 8 |
| 17 | 582.95 | 21,253 | -212 | 14,892 | 2,055 | 13,433 | 14,991 | 0 | 0 | 8 |
| 18 | 583.22 | 21,417 | +164 | 15,046 | 2,130 | 13,272 | 14,956 | 0 | 0 | 7 |
| 19 | 583.86 | 21,805 | +388 | 15,132 | 2,108 | 13,486 | 14,930 | 0 | 0 | 6 |
| 20 | 583.07 | 21,325 | -480 | 14,724 | 2,488 | 12,859 | 14,961 | 0 | 0 | 5 |
| 21 | 583.65 | 21,678 | +353 | 15,011 | 2,183 | 13,463 | 14,826 | 0 | 0 | 7 |
| 22 | 582.89 | 21,217 | -461 | 14,692 | 2,127 | 12,659 | 14,916 | 0 | 0 | 8 |
| 23 | 583.60 | 21,647 | +430 | 15,131 | 2,104 | 13,230 | 14,908 | 0 | 0 | 6 |
| 24 | 583.86 | 21,805 | +158 | 14,983 | 2,123 | 13,219 | 14,898 | 0 | 0 | 5 |
| 25 | 583.11 | 21,350 | -455 | 14,710 | 2,097 | 13,266 | 14,933 | 0 | 0 | 6 |
| 26 | 583.67 | 21,690 | +340 | 14,674 | 2,149 | 12,856 | 14,497 | 0 | 0 | 6 |
| 27 | 584.44 | 22,161 | +471 | 14,736 | 2,361 | 12,535 | 14,499 | 0 | 0 | 0 |
| 28 | 583.52 | 21,599 | -562 | 14,199 | 2,004 | 12,459 | 14,474 | 0 | 0 | 8 |
| 29 | 583.41 | 21,532 | -67 | 14,462 | 2,109 | 11,969 | 14,487 | 0 | 0 | 9 |
| 30 | 584.21 | 22,020 | +488 | 14,240 | 2,009 | 11,766 | 13,987 | 0 | 0 | 7 |
| 31 | 584.90 | 22,445 | +425 | 13,693 | 2,021 | 12,003 | 13,473 | 0 | 0 | 6 |
| TOTALS | | | +432 | 453,131 | 66,168 | 388,782 | 446,078 | 5,963 | 639 | 231 |
| ACRE-FEET | | | +432 | 898,785 | 131,244 | 771,149 | 884,796 | 11,828 | 1,267 | 458 |

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

SUMMARY
RELEASE (ACRE-FEET)

| | |
|-----------|---------|
| POWER | 884,796 |
| SPILL | 11,828 |
| FISH TRAP | 1,267 |

JULY 2002

RED BLUFF DIVERSION RESERVOIR DAILY OPERATIONS

RUN DATE: August 20, 2002

| DAY | ELEVATION | STORAGE | | RELEASE C.F.S | | RELEASE TO SACTO RIVER |
|------------------|-----------|---------|------------------|---------------|---------------------|------------------------|
| | | IN LAKE | ACRE-FEET CHANGE | CORNING CANAL | TEHAMA COLUSA CANAL | |
| | | 3,928 | | | | |
| 1 | 252.55 | 3,948 | +20 | 41 | 758 | 13,230 |
| 2 | 252.50 | 3,924 | -24 | 85 | 776 | 12,870 |
| 3 | 252.54 | 3,943 | +19 | 78 | 878 | 12,870 |
| 4 | 252.51 | 3,928 | -15 | 65 | 1,000 | 12,750 |
| 5 | 252.55 | 3,948 | +20 | 57 | 1,112 | 12,990 |
| 6 | 252.54 | 3,943 | -5 | 66 | 1,112 | 12,990 |
| 7 | 252.51 | 3,928 | -15 | 59 | 930 | 12,750 |
| 8 | 252.53 | 3,938 | +10 | 48 | 1,299 | 12,990 |
| 9 | 252.50 | 3,924 | -14 | 79 | 859 | 13,350 |
| 10 | 252.51 | 3,928 | +4 | 81 | 778 | 13,590 |
| 11 | 252.49 | 3,919 | -9 | 69 | 1,019 | 13,230 |
| 12 | 252.55 | 3,948 | +29 | 67 | 997 | 13,230 |
| 13 | 252.60 | 3,973 | +25 | 93 | 993 | 13,950 |
| 14 | 252.57 | 3,958 | -15 | 62 | 925 | 13,830 |
| 15 | 252.51 | 3,928 | -30 | 35 | 960 | 13,830 |
| 16 | 252.53 | 3,938 | +10 | 63 | 656 | 13,950 |
| 17 | 252.50 | 3,924 | -14 | 67 | 519 | 13,710 |
| 18 | 252.52 | 3,933 | +9 | 66 | 1,109 | 13,590 |
| 19 | 252.51 | 3,928 | -5 | 80 | 1,146 | 14,070 |
| 20 | 252.55 | 3,948 | +20 | 77 | 818 | 13,950 |
| 21 | 252.53 | 3,938 | -10 | 56 | 1,033 | 14,190 |
| 22 | 252.50 | 3,924 | -14 | 32 | 718 | 14,070 |
| 23 | 252.54 | 3,943 | +19 | 74 | 861 | 14,190 |
| 24 | 252.51 | 3,928 | -15 | 65 | 801 | 13,830 |
| 25 | 252.52 | 3,933 | +5 | 63 | 803 | 14,190 |
| 26 | 252.54 | 3,943 | +10 | 61 | 889 | 14,070 |
| 27 | 252.57 | 3,958 | +15 | 46 | 823 | 13,470 |
| 28 | 252.60 | 3,973 | +15 | 50 | 894 | 13,470 |
| 29 | 252.49 | 3,919 | -54 | 48 | 647 | 13,470 |
| 30 | 252.52 | 3,933 | +14 | 75 | 913 | 12,870 |
| 31 | 252.49 | 3,919 | -14 | 67 | 956 | 12,750 |
| TOTALS | | | -9 | 1,975 | 27,982 | 418,290 |
| ACRE-FEET | | | -9 | 3,917 | 55,502 | 829,678 |

SUMMARY

RELEASE (ACRE-FEET)

| | |
|---------------------|----------------|
| CORNING CANAL | 3,917 |
| TEHAMA-COLUSA CANAL | 55,502 |
| TO SACTO RIVER | 829,678 |
| TOTAL | 889,097 |

DAILY OPERATION OF BLACK BUTTE RESERVOIR, STONY CREEK, CALIFORNIA

JULY 2002

| 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 | 457.31 | 74894 | -129 | 360 | 373 | 128 | 240 | 5 | 103 | 0.5 | 0 | 54430 | 136200 |
| 2 | 457.25 | 74701 | -193 | 335 | 385 | 139 | 241 | 5 | 93 | 0.45 | 0 | 53635 | 136200 |
| 3 | 457.19 | 74508 | -193 | 320 | 379 | 146 | 228 | 5 | 76 | 0.37 | 0 | 52877 | 136200 |
| 4 | 457.13 | 74315 | -193 | 337 | 392 | 154 | 233 | 5 | 84 | 0.41 | 0 | 52160 | 136200 |
| 5 | 457.06 | 74091 | -224 | 307 | 379 | 151 | 223 | 5 | 82 | 0.4 | 0 | 51425 | 136200 |
| 6 | 457.01 | 73931 | -160 | 339 | 374 | 158 | 211 | 5 | 90 | 0.44 | 0 | 50670 | 136200 |
| 7 | 456.95 | 73739 | -192 | 312 | 364 | 160 | 199 | 5 | 88 | 0.43 | 0 | 49993 | 136200 |
| 8 | 456.89 | 73548 | -191 | 308 | 348 | 151 | 192 | 5 | 112 | 0.55 | 0 | 49235 | 136200 |
| 9 | 456.85 | 73420 | -128 | 315 | 323 | 145 | 173 | 5 | 112 | 0.55 | 0 | 48291 | 136200 |
| 10 | 456.82 | 73324 | -96 | 334 | 333 | 139 | 189 | 5 | 98 | 0.48 | 0 | 47545 | 136200 |
| 11 | 456.79 | 73229 | -95 | 337 | 335 | 143 | 187 | 5 | 98 | 0.48 | 0 | 46793 | 136200 |
| 12 | 456.75 | 73102 | -127 | 340 | 366 | 134 | 227 | 5 | 75 | 0.37 | 0 | 45810 | 136200 |
| 13 | 456.68 | 72880 | -222 | 342 | 408 | 150 | 253 | 5 | 91 | 0.45 | 0 | 45419 | 136200 |
| 14 | 456.6 | 72626 | -254 | 319 | 403 | 148 | 250 | 5 | 87 | 0.43 | 0 | 44750 | 136200 |
| 15 | 456.52 | 72373 | -253 | 293 | 383 | 144 | 234 | 5 | 75 | 0.37 | 0 | 44065 | 136200 |
| 16 | 456.45 | 72153 | -220 | 318 | 386 | 146 | 235 | 5 | 85 | 0.42 | 0 | 43144 | 136200 |
| 17 | 456.38 | 71932 | -221 | 310 | 380 | 140 | 235 | 5 | 83 | 0.41 | 0 | 42345 | 136200 |
| 18 | 456.3 | 71681 | -251 | 294 | 385 | 145 | 235 | 5 | 70 | 0.35 | 0 | 41855 | 136200 |
| 19 | 456.2 | 71367 | -314 | 255 | 367.7 | 157 | 208 | 2.7 | 90 | 0.45 | 0 | 41571 | 136200 |
| 20 | 456.15 | 71211 | -156 | 294 | 327 | 146 | 178 | 3 | 90 | 0.45 | 0 | 40894 | 136200 |
| 21 | 456.12 | 71117 | -94 | 286 | 299 | 135 | 159 | 5 | 68 | 0.34 | 0.02 | 40051 | 136200 |
| 22 | 456.1 | 71055 | -62 | 282 | 282 | 107 | 170 | 5 | 62 | 0.31 | 0 | 39709 | 136200 |
| 23 | 456.03 | 70836 | -219 | 223 | 291 | 106 | 180 | 5 | 84 | 0.42 | 0 | 39610 | 136200 |
| 24 | 455.87 | 70339 | -497 | 135 | 349 | 129 | 215 | 5 | 73 | 0.37 | 0 | 39457 | 136200 |
| 25 | 455.65 | 69658 | -681 | 81 | 389 | 151 | 233 | 5 | 71 | 0.36 | 0 | 39416 | 136200 |
| 26 | 455.4 | 68890 | -768 | 36 | 385 | 145 | 235 | 5 | 75 | 0.38 | 0 | 39403 | 136200 |
| 27 | 455.15 | 68127 | -763 | 23 | 359 | 142 | 212 | 5 | 96 | 0.49 | 0 | 39296 | 136200 |
| 28 | 454.89 | 67339 | -788 | 28 | 383 | 144 | 234 | 5 | 83 | 0.43 | 0 | 39294 | 136200 |
| 29 | 454.61 | 66498 | -841 | 8 | 401.7 | 147 | 252 | 2.7 | 61 | 0.32 | 0 | 39248 | 136200 |
| 30 | 454.34 | 65693 | -805 | 13 | 385 | 154 | 231 | 0 | 67 | 0.35 | 0 | 39229 | 136200 |
| 31 | 454.09 | 64954 | -739 | 28 | 370 | 153 | 212 | 5 | 60 | 0.32 | 0 | 39187 | 136200 |
| Totals | (sfd) | | | 7512 | 11284.4 | 4437 | 6704 | 143.4 | | | | | |
| Totals | (ac-ft) | | -10069 | 14900 | 22382.6 | 8800.8 | | | 2582 | | | | |
| Totals | (inches) | | | | | | | | | 12.85 | 0.02 | | |

[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

JULY 2002

FOLSOM LAKE DAILY OPERATIONS

RUN DATE: August 20, 2002

| 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 | |
| | | 766.5 | | | | | | | | | |
| 1 | 445.92 | 764.3 | -2.2 | 1,976 | 2,621 | 0 | 0 | 311 | 152 | .46 | .00 |
| 2 | 445.70 | 762.1 | -2.2 | 1,709 | 2,363 | 0 | 0 | 313 | 136 | .41 | .00 |
| 3 | 445.38 | 758.9 | -3.2 | 1,367 | 2,519 | 0 | 0 | 301 | 152 | .46 | .00 |
| 4 | 445.02 | 755.4 | -3.6 | 1,141 | 2,497 | 0 | 0 | 298 | 151 | .46 | .00 |
| 5 | 444.60 | 751.2 | -4.2 | 1,210 | 2,839 | 0 | 0 | 287 | 177 | .54 | .00 |
| 6 | 444.10 | 746.3 | -4.9 | 1,048 | 3,134 | 0 | 0 | 298 | 108 | .33 | .00 |
| 7 | 443.63 | 741.6 | -4.6 | 1,176 | 3,100 | 0 | 0 | 315 | 91 | .28 | .00 |
| 8 | 443.13 | 736.7 | -4.9 | 1,030 | 3,100 | 0 | 0 | 314 | 91 | .28 | .00 |
| 9 | 442.71 | 732.6 | -4.1 | 1,459 | 3,072 | 0 | 0 | 315 | 143 | .44 | .00 |
| 10 | 442.29 | 728.5 | -4.1 | 1,951 | 3,525 | 0 | 0 | 337 | 155 | .48 | .00 |
| 11 | 441.71 | 722.9 | -5.6 | 1,363 | 3,693 | 0 | 0 | 340 | 174 | .54 | .00 |
| 12 | 441.13 | 717.3 | -5.6 | 1,146 | 3,508 | 0 | 0 | 328 | 145 | .45 | .00 |
| 13 | 440.53 | 711.5 | -5.8 | 1,174 | 3,627 | 0 | 0 | 312 | 154 | .48 | .00 |
| 14 | 439.86 | 705.0 | -6.4 | 804 | 3,670 | 0 | 0 | 304 | 80 | .25 | .00 |
| 15 | 439.25 | 699.2 | -5.8 | 1,078 | 3,639 | 0 | 0 | 296 | 86 | .27 | .00 |
| 16 | 438.61 | 693.1 | -6.1 | 871 | 3,554 | 0 | 0 | 291 | 101 | .32 | .00 |
| 17 | 438.01 | 687.4 | -5.7 | 1,061 | 3,540 | 0 | 0 | 301 | 95 | .30 | .00 |
| 18 | 437.45 | 682.1 | -5.3 | 1,329 | 3,587 | 0 | 0 | 303 | 104 | .33 | .00 |
| 19 | 436.93 | 677.2 | -4.9 | 1,403 | 3,480 | 0 | 0 | 298 | 97 | .31 | .00 |
| 20 | 436.41 | 672.3 | -4.9 | 1,469 | 3,524 | 0 | 0 | 290 | 112 | .36 | .00 |
| 21 | 435.86 | 667.2 | -5.1 | 1,222 | 3,356 | 0 | 0 | 296 | 164 | .53 | .00 |
| 22 | 435.21 | 661.1 | -6.1 | 900 | 3,556 | 0 | 0 | 283 | 111 | .36 | .00 |
| 23 | 434.45 | 654.1 | -7.0 | 1,017 | 4,207 | 0 | 0 | 292 | 65 | .21 | .00 |
| 24 | 433.83 | 648.4 | -5.7 | 1,600 | 4,085 | 0 | 0 | 308 | 89 | .29 | .00 |
| 25 | 433.19 | 642.5 | -5.9 | 1,508 | 4,048 | 0 | 0 | 300 | 119 | .39 | .00 |
| 26 | 432.54 | 636.6 | -5.9 | 1,207 | 3,853 | 0 | 0 | 298 | 45 | .15 | .00 |
| 27 | 431.89 | 630.7 | -5.9 | 1,216 | 3,694 | 0 | 0 | 297 | 205 | .68 | .00 |
| 28 | 431.27 | 625.1 | -5.6 | 1,118 | 3,521 | 0 | 0 | 301 | 120 | .40 | .00 |
| 29 | 430.51 | 618.2 | -6.8 | 501 | 3,563 | 0 | 0 | 286 | 96 | .32 | .00 |
| 30 | 429.95 | 613.2 | -5.0 | 995 | 3,148 | 0 | 0 | 294 | 83 | .28 | .00 |
| 31 | 429.63 | 610.4 | -2.8 | 1,545 | 2,575 | 0 | 0 | 286 | 119 | .40 | .00 |
| TOTALS | | | -155.9 | 38,594 | 104,198 | 0 | 0 | 9,393 | 3,720 | 11.76 | .00 |
| ACRE-FEET | | | -155,900 | 76,551 | 206,677 | 0 | 0 | 18,631 | 7,379 | | |

COMMENTS:

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

SUMMARY

| | | | | | |
|---------------|---------------------|--------|---------|------------------------|-----|
| | RELEASE (ACRE-FEET) | | | PRECIPITATION | |
| POWER | 206,677 | OUTLET | 0 | THIS MONTH = | .00 |
| SPILL | 0 | TOTAL | 225,308 | JULY 1, 2002 TO DATE = | .00 |
| PUMPING PLANT | 18,631 | | | | |

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

Table 12

JULY 2002

LAKE NATOMA DAILY OPERATIONS

RUN DATE: August 20, 2002

| DAY | ELEV | STORAGE ACRE-FEET | | COMPUTED* INFLOW C.F.S. | FOLSOM SOUTH CANAL | RELEASE - C.F.S. | | | EVAP C.F.S. (1) |
|------------------|--------|-------------------|------------|-------------------------------|--------------------------|------------------|----------|--------------|-----------------------|
| | | IN LAKE | CHANGE | | | POWER | SPILL | HATCHERY | |
| 1 | 124.24 | 8,176 | +205 | 2,650 | 40 | 2,441 | 0 | 60 | 6 |
| 2 | 123.92 | 8,381 | -158 | 2,463 | 40 | 2,438 | 0 | 60 | 5 |
| 3 | 124.03 | 8,223 | +53 | 2,556 | 40 | 2,423 | 0 | 60 | 6 |
| 4 | 123.83 | 8,276 | -95 | 2,498 | 40 | 2,440 | 0 | 60 | 6 |
| 5 | 123.52 | 8,181 | -146 | 2,873 | 42 | 2,838 | 0 | 60 | 7 |
| 6 | 123.52 | 8,035 | | | | | | | |
| 6 | 123.53 | 8,040 | +5 | 3,067 | 45 | 2,955 | 0 | 60 | 4 |
| 7 | 123.61 | 8,078 | +38 | 3,071 | 45 | 2,943 | 0 | 60 | 4 |
| 8 | 123.75 | 8,144 | +66 | 3,079 | 45 | 2,937 | 0 | 60 | 4 |
| 9 | 123.67 | 8,106 | -38 | 3,031 | 45 | 2,939 | 0 | 60 | 6 |
| 10 | 123.77 | 8,153 | +47 | 3,472 | 45 | 3,337 | 0 | 60 | 6 |
| 11 | 124.07 | 8,296 | +143 | 3,631 | 45 | 3,447 | 0 | 60 | 7 |
| 12 | 123.80 | 8,167 | -129 | 3,488 | 45 | 3,442 | 0 | 60 | 6 |
| 13 | 123.81 | 8,172 | +5 | 3,552 | 45 | 3,438 | 0 | 60 | 6 |
| 14 | 124.12 | 8,321 | +149 | 3,630 | 45 | 3,447 | 0 | 60 | 3 |
| 15 | 124.55 | 8,536 | +215 | 3,653 | 45 | 3,437 | 0 | 60 | 3 |
| 16 | 124.54 | 8,531 | -5 | 3,560 | 45 | 3,454 | 0 | 60 | 4 |
| 17 | 124.32 | 8,421 | -110 | 3,504 | 45 | 3,450 | 0 | 60 | 4 |
| 18 | 124.50 | 8,511 | +90 | 3,594 | 45 | 3,440 | 0 | 60 | 4 |
| 19 | 124.26 | 8,391 | -120 | 3,491 | 45 | 3,442 | 0 | 60 | 4 |
| 20 | 124.05 | 8,286 | -105 | 3,497 | 45 | 3,440 | 0 | 60 | 5 |
| 21 | 123.26 | 7,913 | -373 | 3,366 | 45 | 3,442 | 0 | 60 | 7 |
| 22 | 123.30 | 7,932 | +19 | 3,563 | 45 | 3,443 | 0 | 60 | 5 |
| 23 | 123.99 | 8,256 | +324 | 4,131 | 45 | 3,860 | 0 | 60 | 3 |
| 24 | 124.18 | 8,351 | +95 | 4,084 | 45 | 3,927 | 0 | 60 | 4 |
| 25 | 124.31 | 8,416 | +65 | 4,082 | 42 | 3,942 | 0 | 60 | 5 |
| 26 | 123.71 | 8,125 | -291 | 3,893 | 40 | 3,938 | 0 | 60 | 2 |
| 27 | 123.88 | 8,205 | +80 | 3,691 | 40 | 3,542 | 0 | 60 | 9 |
| 28 | 123.79 | 8,162 | -43 | 3,520 | 40 | 3,437 | 0 | 60 | 5 |
| 29 | 123.83 | 8,181 | +19 | 3,555 | 40 | 3,441 | 0 | 60 | 4 |
| 30 | 123.98 | 8,252 | +71 | 3,147 | 40 | 3,007 | 0 | 60 | 4 |
| 31 | 124.02 | 8,271 | +19 | 2,640 | 40 | 2,525 | 0 | 60 | 5 |
| TOTALS | | | +95 | 104,032 | 1,339 | 100,632 | 0 | 1,860 | 153 |
| ACRE-FEET | | | +95 | 206,347 | 2,656 | 199,604 | 0 | 3,689 | 303 |

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 | 199,604 | FOLSOM SOUTH CANAL | 2,656 | TOTAL | 205,949 |
| SPILL | 0 | HATCHERY | 3,689 | | |

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

Table 13

JULY 2002

NEW MELONES LAKE DAILY OPERATIONS

RUN DATE: August 20, 2002

| 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 | |
| | | 1,478.5 | | | | | | | | |
| 1 | 1,000.56 | 1,476.3 | -2.2 | 932 | 1,926 | 0 | 0 | 119 | .40 | .00 |
| 2 | 1,000.28 | 1,473.7 | -2.6 | 837 | 2,011 | 0 | 0 | 125 | .42 | .00 |
| 3 | 1,000.00 | 1,471.2 | -2.6 | 797 | 1,971 | 0 | 0 | 125 | .42 | .00 |
| 4 | 999.63 | 1,467.8 | -3.4 | 647 | 2,215 | 0 | 0 | 142 | .48 | .00 |
| 5 | 999.42 | 1,465.9 | -1.9 | 761 | 1,599 | 0 | 0 | 133 | .45 | .00 |
| 6 | 999.12 | 1,463.1 | -2.8 | 785 | 2,053 | 0 | 0 | 118 | .40 | .00 |
| 7 | 998.79 | 1,460.1 | -3.0 | 578 | 1,966 | 0 | 0 | 133 | .45 | .00 |
| 8 | 998.50 | 1,457.4 | -2.6 | 814 | 2,037 | 0 | 0 | 112 | .38 | .00 |
| 9 | 998.23 | 1,455.0 | -2.5 | 990 | 2,112 | 0 | 0 | 121 | .41 | .00 |
| 10 | 997.93 | 1,452.2 | -2.7 | 956 | 2,203 | 0 | 0 | 133 | .45 | .00 |
| 11 | 997.55 | 1,448.8 | -3.5 | 746 | 2,356 | 0 | 0 | 132 | .45 | .00 |
| 12 | 997.16 | 1,445.2 | -3.5 | 1,130 | 2,786 | 0 | 0 | 132 | .45 | .00 |
| 13 | 996.92 | 1,443.1 | -2.2 | 825 | 1,780 | 0 | 0 | 144 | .49 | .00 |
| 14 | 996.56 | 1,439.8 | -3.3 | 757 | 2,269 | 0 | 0 | 132 | .45 | .00 |
| 15 | 996.21 | 1,436.6 | -3.2 | 750 | 2,217 | 0 | 0 | 132 | .45 | .00 |
| 16 | 995.80 | 1,432.9 | -3.7 | 689 | 2,426 | 0 | 0 | 132 | .45 | .00 |
| 17 | 995.47 | 1,429.9 | -3.0 | 766 | 2,139 | 0 | 0 | 128 | .44 | .00 |
| 18 | 995.18 | 1,427.3 | -2.6 | 788 | 1,985 | 0 | 0 | 122 | .42 | .00 |
| 19 | 994.87 | 1,424.5 | -2.8 | 888 | 2,175 | 0 | 0 | 122 | .42 | .00 |
| 20 | 994.57 | 1,421.8 | -2.7 | 771 | 2,002 | 0 | 0 | 128 | .44 | .00 |
| 21 | 994.24 | 1,418.9 | -3.0 | 610 | 1,978 | 0 | 0 | 128 | .44 | .00 |
| 22 | 993.89 | 1,415.7 | -3.1 | 688 | 2,182 | 0 | 0 | 90 | .31 | .00 |
| 23 | 993.54 | 1,412.6 | -3.1 | 685 | 2,175 | 0 | 0 | 90 | .31 | .00 |
| 24 | 993.27 | 1,410.2 | -2.4 | 825 | 1,925 | 0 | 0 | 119 | .41 | .00 |
| 25 | 992.86 | 1,406.5 | -3.7 | 736 | 2,469 | 0 | 0 | 116 | .40 | .00 |
| 26 | 992.58 | 1,404.0 | -2.5 | 783 | 1,921 | 0 | 0 | 121 | .42 | .00 |
| 27 | 992.26 | 1,401.2 | -2.9 | 738 | 2,062 | 0 | 0 | 115 | .40 | .00 |
| 28 | 991.92 | 1,398.1 | -3.0 | 581 | 1,994 | 0 | 0 | 115 | .40 | .00 |
| 29 | 991.62 | 1,395.5 | -2.7 | 802 | 2,051 | 0 | 0 | 95 | .33 | .00 |
| 30 | 991.46 | 1,394.0 | -1.4 | 801 | 1,416 | 0 | 0 | 101 | .35 | .00 |
| 31 | 991.15 | 1,391.3 | -2.8 | 828 | 2,104 | 0 | 0 | 112 | .39 | .00 |
| TOTALS | | | -87.4 | 24,284 | 64,505 | 0 | 0 | 3,767 | 12.88 | .00 |
| ACRE-FEET | | | -87,400 | 48,167 | 127,946 | 0 | 0 | 7,472 | | |

COMMENTS:

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

SUMMARY

| | | | |
|---------------------|---------|------------------------|---------|
| RELEASE (ACRE-FEET) | | PRECIPITATION | |
| POWER | 127,946 | OUTLET | 0 |
| SPILL | 0 | TOTAL | 127,946 |
| | | THIS MONTH = | .00 |
| | | JULY 1, 2002 TO DATE = | .00 |

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

JULY 2002

GOODWIN RESERVOIR DAILY OPERATIONS

RUN DATE: September 14, 2004

| DAY | ELEV | STORAGE | | TULLOCH | RIVER | | RELEASE - C.F.S. | |
|------------------|--------|-----------|------------|----------------|----------|---------------|------------------|---------------|
| | | ACRE-FEET | CHANGE | | RELEASE | OUTLET | SPILL | JOINT |
| | | RES. | | | | | MAIN | MAIN |
| | | 548 | | | | | | |
| 1 | 360.00 | 537 | -11 | 1,932 | 0 | 399 | 936 | 440 |
| 2 | 360.16 | 548 | +11 | 1,922 | 0 | 353 | 948 | 455 |
| 3 | 360.19 | 550 | +2 | 2,062 | 0 | 504 | 964 | 469 |
| 4 | 360.19 | 550 | +0 | 2,033 | 0 | 501 | 961 | 479 |
| 5 | 360.19 | 550 | +0 | 2,025 | 0 | 505 | 945 | 474 |
| 6 | 360.16 | 548 | -2 | 2,026 | 0 | 503 | 945 | 471 |
| 7 | 360.16 | 548 | +0 | 2,032 | 0 | 502 | 945 | 472 |
| 8 | 360.16 | 548 | +0 | 2,040 | 0 | 503 | 952 | 472 |
| 9 | 360.16 | 548 | +0 | 2,046 | 0 | 498 | 961 | 471 |
| 10 | 360.16 | 548 | +0 | 2,138 | 0 | 497 | 1,040 | 471 |
| 11 | 360.19 | 550 | +2 | 2,227 | 0 | 500 | 1,100 | 478 |
| 12 | 360.14 | 547 | -3 | 2,252 | 0 | 499 | 1,110 | 483 |
| 13 | 360.16 | 548 | +1 | 2,261 | 0 | 496 | 1,090 | 483 |
| 14 | 360.16 | 548 | +0 | 2,252 | 0 | 498 | 1,080 | 483 |
| 15 | 360.18 | 550 | +2 | 2,207 | 0 | 500 | 1,070 | 477 |
| 16 | 360.14 | 547 | -3 | 2,144 | 0 | 466 | 1,070 | 456 |
| 17 | 360.14 | 547 | +0 | 2,141 | 0 | 449 | 1,070 | 449 |
| 18 | 360.14 | 547 | +0 | 2,113 | 0 | 424 | 1,070 | 454 |
| 19 | 360.14 | 547 | +0 | 2,111 | 0 | 402 | 1,080 | 476 |
| 20 | 360.08 | 543 | -4 | 2,107 | 0 | 401 | 1,080 | 475 |
| 21 | 360.11 | 545 | +2 | 2,111 | 0 | 400 | 1,080 | 475 |
| 22 | 360.11 | 545 | +0 | 2,112 | 0 | 400 | 1,090 | 475 |
| 23 | 360.08 | 543 | -2 | 2,101 | 0 | 400 | 1,090 | 475 |
| 24 | 360.03 | 539 | -4 | 2,059 | 0 | 347 | 1,070 | 474 |
| 25 | 360.03 | 539 | +0 | 2,030 | 0 | 298 | 1,070 | 465 |
| 26 | 360.05 | 541 | +2 | 1,974 | 0 | 298 | 1,060 | 452 |
| 27 | 360.03 | 539 | -2 | 1,982 | 0 | 299 | 1,050 | 452 |
| 28 | 360.03 | 539 | +0 | 2,007 | 0 | 295 | 1,060 | 452 |
| 29 | 360.05 | 541 | +2 | 2,019 | 0 | 296 | 1,070 | 452 |
| 30 | 360.03 | 539 | -2 | 2,011 | 0 | 295 | 1,070 | 452 |
| 31 | 360.00 | 537 | -2 | 1,908 | 0 | 270 | 1,080 | 452 |
| TOTALS | | | -11 | 64,385 | 0 | 12,998 | 32,207 | 14,464 |
| ACRE-FEET | | | -11 | 127,708 | 0 | 25,782 | 63,883 | 28,689 |

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

SUMMARY
 RELEASE (ACRE-FEET)

| | | | |
|------------------|--------|--------|---------|
| JOINT MAIN CANAL | 63,883 | OUTLET | 0 |
| SOUTH MAIN CANAL | 28,689 | SPILL | 25,782 |
| | | TOTAL | 118,354 |

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

Table 15

JULY 2002

MILLERTON LAKE DAILY OPERATIONS

RUN DATE: August 20, 2002

| 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 | | | |
| | | 456.2 | | | | | | | | | |
| 1 | 563.30 | 451.3 | -4.9 | 1,749 | 904 | 3,072 | 0 | 201 | 64 | .44 | |
| 2 | 562.16 | 446.1 | -5.1 | 1,911 | 952 | 3,289 | 0 | 201 | 58 | .40 | |
| 3 | 560.60 | 439.2 | -7.0 | 1,045 | 979 | 3,290 | 0 | 199 | 89 | .62 | |
| 4 | 558.92 | 431.7 | -7.4 | 736 | 1,015 | 3,191 | 0 | 199 | 84 | .59 | |
| 5 | 557.09 | 423.7 | -8.0 | 270 | 1,054 | 3,004 | 0 | 204 | 54 | .38 | |
| 6 | 555.54 | 417.0 | -6.7 | 722 | 1,106 | 2,757 | 0 | 205 | 43 | .31 | |
| 7 | 554.06 | 410.6 | -6.4 | 988 | 1,091 | 2,857 | 0 | 205 | 43 | .31 | |
| 8 | 552.41 | 403.6 | -7.0 | 964 | 1,033 | 3,208 | 0 | 203 | 59 | .43 | |
| 9 | 551.00 | 397.6 | -5.9 | 1,822 | 1,013 | 3,526 | 0 | 209 | 72 | .53 | |
| 10 | 549.10 | 389.7 | -7.9 | 1,142 | 1,028 | 3,825 | 0 | 234 | 56 | .42 | |
| 11 | 547.36 | 382.5 | -7.2 | 1,697 | 1,059 | 3,949 | 0 | 253 | 62 | .47 | |
| 12 | 545.89 | 376.5 | -6.0 | 2,014 | 1,063 | 3,657 | 0 | 265 | 63 | .48 | |
| 13 | 544.42 | 370.5 | -6.0 | 1,715 | 1,040 | 3,314 | 0 | 277 | 86 | .66 | |
| 14 | 542.99 | 364.8 | -5.7 | 1,944 | 1,000 | 3,460 | 0 | 276 | 104 | .80 | |
| 15 | 541.46 | 358.7 | -6.1 | 1,666 | 983 | 3,428 | 0 | 275 | 44 | .34 | |
| 16 | 539.92 | 352.6 | -6.1 | 1,274 | 1,020 | 2,990 | 0 | 261 | 60 | .47 | |
| 17 | 538.81 | 348.3 | -4.3 | 1,669 | 1,008 | 2,550 | 0 | 249 | 54 | .43 | |
| 18 | 537.78 | 344.3 | -4.0 | 1,545 | 934 | 2,331 | 0 | 249 | 50 | .40 | |
| 19 | 537.02 | 341.4 | -2.9 | 1,872 | 930 | 2,111 | 0 | 249 | 64 | .51 | |
| 20 | 536.41 | 339.0 | -2.3 | 1,997 | 972 | 1,921 | 0 | 249 | 37 | .30 | |
| 21 | 535.41 | 335.2 | -3.8 | 1,310 | 909 | 2,024 | 0 | 248 | 57 | .46 | |
| 22 | 534.49 | 331.7 | -3.5 | 1,606 | 902 | 2,179 | 0 | 249 | 39 | .32 | |
| 23 | 533.67 | 328.6 | -3.1 | 1,839 | 952 | 2,173 | 0 | 235 | 40 | .33 | |
| 24 | 532.76 | 325.2 | -3.4 | 1,770 | 1,080 | 2,150 | 0 | 221 | 42 | .35 | |
| 25 | 531.85 | 321.8 | -3.4 | 1,783 | 1,168 | 2,063 | 0 | 221 | 43 | .36 | |
| 26 | 531.02 | 318.7 | -3.1 | 1,774 | 1,186 | 1,855 | 0 | 220 | 65 | .54 | |
| 27 | 530.20 | 315.7 | -3.0 | 1,730 | 1,184 | 1,792 | 0 | 219 | 58 | .49 | |
| 28 | 529.06 | 311.5 | -4.2 | 1,368 | 1,138 | 2,081 | 0 | 219 | 43 | .36 | |
| 29 | 527.90 | 307.3 | -4.2 | 1,631 | 1,119 | 2,395 | 0 | 217 | 34 | .29 | |
| 30 | 526.64 | 302.7 | -4.6 | 1,660 | 1,104 | 2,600 | 0 | 217 | 35 | .30 | |
| 31 | 525.40 | 298.3 | -4.4 | 1,798 | 1,133 | 2,658 | 0 | 217 | 30 | .26 | |
| TOTALS | | | -157.9 | 47,011 | 32,059 | 85,700 | 0 | 7,146 | 1,732 | 13.35 | .00 |
| ACRE-FEET | | | -157,943 | 93,246 | 63,589 | 169,986 | 0 | 14,174 | 3,435 | | |

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 = | 0.00 |
| MADERA | TOTAL RELEASES | JULY 1, 2002 TO DATE = | 0.00 |
| 169,986 | 14,174 | | |
| 63,589 | 247,749 | | |

Table 16

U.S. Bureau of Reclamation - Central Valley Operations Office
Delta Outflow Computation (values in c.f.s.)

July 2002

Estimated numbers are in bold italic print

| Date | DELTA INFLOW | | | | | | | | NDCU | DELTA EXPORTS | | | | | | OUTFLOW INDEX | | | Export/Inflow | | | |
|----------------|------------------------------------|--------------------|------------------------------|------------------------------------|---|------------------|--------------------|--------------------------|----------------|---------------------------|----------------|--------------------------|-----------------|--------------|---------------------------|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Sacto R @Freeport -prev day- | S RTP -prev wk- | Yolo + Misc -prev day- | East Side Streams -prev day- | S. Joaquin River@Vernalis -prev day- | 7-day Average | Monthly Average | Total Delta Inflow | | Clifton Court (CLT) | Tracy (TRA) | Contra Costa (CCC) | Byron (BBID) | NBA | Total Delta Exports | 3-day Avg TRA & CLT | NDO I daily | 7-day Avg | Monthly Avg | Daily (%) | 3 Day (%) | 14 Day (%) |
| 1-Jul-02 | 17,522 | 152 | 0 | 476 | 1,430 | 1,352 | 1,374 | 19,580 | 4,300 | 5,495 | 4,037 | 447 | 71 | 147 | 10,055 | 7,079 | 5,225 | 7,359 | 5,225 | 48.3% | 36.9% | 40.1% |
| 2-Jul-02 | 17,049 | 152 | 0 | 453 | 1,374 | 1,345 | 1,352 | 19,028 | 4,300 | 5,486 | 4,343 | 454 | 72 | 104 | 10,315 | 8,407 | 4,414 | 6,744 | 4,819 | 51.3% | 43.2% | 47.0% |
| 3-Jul-02 | 16,540 | 153 | 0 | 382 | 1,329 | 1,336 | 1,310 | 18,404 | 4,350 | 5,496 | 4,360 | 456 | 85 | 97 | 10,324 | 9,739 | 3,730 | 6,242 | 4,456 | 53.1% | 50.8% | 54.0% |
| 4-Jul-02 | 17,072 | 153 | 0 | 349 | 1,228 | 1,317 | 1,280 | 18,802 | 4,350 | 4,994 | 4,361 | 447 | 85 | 95 | 9,812 | 9,680 | 4,640 | 5,903 | 4,502 | 49.3% | 51.2% | 53.2% |
| 5-Jul-02 | 17,203 | 154 | 0 | 300 | 1,187 | 1,308 | 1,275 | 18,844 | 4,400 | 4,991 | 4,356 | 421 | 66 | 100 | 9,801 | 9,519 | 4,642 | 5,554 | 4,530 | 49.3% | 50.5% | 51.8% |
| 6-Jul-02 | 17,066 | 154 | 0 | 302 | 1,256 | 1,293 | 1,271 | 18,778 | 4,400 | 4,997 | 4,349 | 384 | 66 | 105 | 9,769 | 9,349 | 4,610 | 5,123 | 4,543 | 49.4% | 49.3% | 50.6% |
| 7-Jul-02 | 17,323 | 155 | 0 | 302 | 1,249 | 1,279 | 1,279 | 19,029 | 4,400 | 4,997 | 4,328 | 385 | 66 | 93 | 9,737 | 9,339 | 4,892 | 4,593 | 4,593 | 48.7% | 49.1% | 50.2% |
| 8-Jul-02 | 17,707 | 155 | 0 | 290 | 1,330 | 1,288 | 1,299 | 19,482 | 4,400 | 4,986 | 4,324 | 429 | 121 | 99 | 9,717 | 9,327 | 5,365 | 4,613 | 4,690 | 47.2% | 48.4% | 49.6% |
| 9-Jul-02 | 18,209 | 155 | 0 | 312 | 1,439 | 1,278 | 1,294 | 20,115 | 4,400 | 5,485 | 4,319 | 453 | 84 | 109 | 10,283 | 9,480 | 5,432 | 4,759 | 4,772 | 48.3% | 48.0% | 50.0% |
| 10-Jul-02 | 17,969 | 154 | 0 | 338 | 1,254 | 1,279 | 1,289 | 19,715 | 4,400 | 5,997 | 4,330 | 456 | 86 | 125 | 10,822 | 9,814 | 4,493 | 4,868 | 4,744 | 51.9% | 49.1% | 51.4% |
| 11-Jul-02 | 17,991 | 154 | 0 | 320 | 1,240 | 1,282 | 1,281 | 19,705 | 4,400 | 5,997 | 4,356 | 461 | 54 | 127 | 10,887 | 10,162 | 4,418 | 4,836 | 4,715 | 52.3% | 50.8% | 52.9% |
| 12-Jul-02 | 18,369 | 153 | 0 | 306 | 1,208 | 1,277 | 1,276 | 20,036 | 4,400 | 6,490 | 4,337 | 453 | 53 | 119 | 11,345 | 10,503 | 4,291 | 4,786 | 4,679 | 53.8% | 52.7% | 54.3% |
| 13-Jul-02 | 18,833 | 153 | 0 | 300 | 1,217 | 1,276 | 1,273 | 20,503 | 4,400 | 6,483 | 4,356 | 451 | 76 | 107 | 11,322 | 10,673 | 4,781 | 4,810 | 4,687 | 52.5% | 52.8% | 54.8% |
| 14-Jul-02 | 18,725 | 152 | 0 | 286 | 1,241 | 1,266 | 1,272 | 20,404 | 4,400 | 6,498 | 4,370 | 449 | 76 | 110 | 11,352 | 10,845 | 4,653 | 4,776 | 4,685 | 52.9% | 53.0% | 55.4% |
| 15-Jul-02 | 18,898 | 152 | 0 | 292 | 1,262 | 1,248 | 1,275 | 20,604 | 4,400 | 6,493 | 4,305 | 446 | 18 | 107 | 11,334 | 10,835 | 4,870 | 4,705 | 4,697 | 52.3% | 52.6% | 55.2% |
| 16-Jul-02 | 19,082 | 152 | 0 | 277 | 1,315 | 1,253 | 1,276 | 20,826 | 4,400 | 6,046 | 4,309 | 452 | 56 | 97 | 10,848 | 10,673 | 5,578 | 4,726 | 4,752 | 49.5% | 51.5% | 54.0% |
| 17-Jul-02 | 19,212 | 152 | 0 | 260 | 1,289 | 1,258 | 1,276 | 20,913 | 4,400 | 6,359 | 4,273 | 379 | 63 | 98 | 11,047 | 10,595 | 5,467 | 4,865 | 4,794 | 50.5% | 50.8% | 53.2% |
| 18-Jul-02 | 19,313 | 152 | 0 | 235 | 1,274 | 1,259 | 1,272 | 20,974 | 4,400 | 6,467 | 4,372 | 260 | 62 | 99 | 11,136 | 10,609 | 5,438 | 5,011 | 4,830 | 51.4% | 50.5% | 52.8% |
| 19-Jul-02 | 19,534 | 153 | 0 | 241 | 1,212 | 1,265 | 1,272 | 21,140 | 4,400 | 6,495 | 4,389 | 267 | 48 | 104 | 11,207 | 10,785 | 5,532 | 5,188 | 4,867 | 51.3% | 51.1% | 53.2% |
| 20-Jul-02 | 19,434 | 153 | 0 | 253 | 1,260 | 1,263 | 1,270 | 21,100 | 4,350 | 6,497 | 4,423 | 262 | 60 | 106 | 11,227 | 10,881 | 5,523 | 5,294 | 4,900 | 51.5% | 51.4% | 53.3% |
| 21-Jul-02 | 18,893 | 153 | 0 | 260 | 1,232 | 1,265 | 1,270 | 20,538 | 4,350 | 7,173 | 4,397 | 263 | 60 | 108 | 11,880 | 11,125 | 4,308 | 5,245 | 4,871 | 56.0% | 52.9% | 54.2% |
| 22-Jul-02 | 18,906 | 153 | 0 | 287 | 1,271 | 1,266 | 1,272 | 20,617 | 4,350 | 7,175 | 4,413 | 249 | 34 | 91 | 11,894 | 11,359 | 4,373 | 5,174 | 4,849 | 56.0% | 54.5% | 55.1% |
| 23-Jul-02 | 19,709 | 153 | 0 | 300 | 1,323 | 1,266 | 1,273 | 21,485 | 4,350 | 7,180 | 4,389 | 239 | 59 | 97 | 11,847 | 11,576 | 5,288 | 5,133 | 4,868 | 53.6% | 55.2% | 55.9% |
| 24-Jul-02 | 20,043 | 153 | 0 | 254 | 1,293 | 1,259 | 1,271 | 21,743 | 4,350 | 7,155 | 4,391 | 216 | 99 | 98 | 11,760 | 11,568 | 5,633 | 5,156 | 4,900 | 52.6% | 54.1% | 55.4% |
| 25-Jul-02 | 20,414 | 153 | 0 | 237 | 1,219 | 1,262 | 1,269 | 22,023 | 4,300 | 7,168 | 4,391 | 194 | 70 | 106 | 11,789 | 11,558 | 5,934 | 5,227 | 4,941 | 52.2% | 52.8% | 54.9% |
| 26-Jul-02 | 20,606 | 153 | 0 | 233 | 1,234 | 1,262 | 1,269 | 22,226 | 4,300 | 7,174 | 4,383 | 174 | 59 | 109 | 11,782 | 11,553 | 6,144 | 5,315 | 4,987 | 51.7% | 52.2% | 54.5% |
| 27-Jul-02 | 20,430 | 153 | 0 | 239 | 1,260 | 1,262 | 1,268 | 22,082 | 4,300 | 7,175 | 4,370 | 141 | 59 | 110 | 11,737 | 11,553 | 6,045 | 5,389 | 5,027 | 52.0% | 52.0% | 54.2% |
| 28-Jul-02 | 20,142 | 153 | 0 | 266 | 1,237 | 1,276 | 1,271 | 21,798 | 4,250 | 7,172 | 4,373 | 90 | 60 | 102 | 11,677 | 11,549 | 5,871 | 5,613 | 5,057 | 52.7% | 52.1% | 54.0% |
| 29-Jul-02 | 19,891 | 153 | 0 | 272 | 1,366 | 1,285 | 1,275 | 21,682 | 4,250 | 7,179 | 4,381 | 129 | 95 | 92 | 11,687 | 11,550 | 5,745 | 5,809 | 5,080 | 52.9% | 52.5% | 53.7% |
| 30-Jul-02 | 20,097 | 153 | 0 | 272 | 1,388 | 1,280 | 1,275 | 21,910 | 4,250 | 6,413 | 4,337 | 168 | 80 | 96 | 10,934 | 11,285 | 6,726 | 6,014 | 5,135 | 48.7% | 51.4% | 52.3% |
| 31-Jul-02 | 19,525 | 153 | 0 | 252 | 1,256 | 1,283 | 1,274 | 21,186 | 4,200 | 5,744 | 4,346 | 148 | 133 | 90 | 10,194 | 10,800 | 6,792 | 6,180 | 5,189 | 47.0% | 49.5% | 49.8% |
| Total | 581,707 | 4,746 | 0 | 9,146 | 39,673 | 39,687 | 39,753 | 635,272 | 134,900 | 193,457 | 134,766 | 10,223 | 2,175 | 3,249 | 339,520 | 323,768 | 160,852 | 165,011 | 149,384 | 1590.1% | 1573.1% | 1630.8% |
| Average | 18,765 | 153 | 0 | 295 | 1,280 | 1,280 | 1,282 | 20,493 | 4,352 | 6,241 | 4,347 | 330 | 70 | 105 | 10,952 | 10,444 | 5,189 | 5,323 | | 51.3% | 50.7% | 52.6% |

JULY 2002

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

RUN DATE: August 21, 2002

| DAY | ELEV | STORAGE | | SAN LUIS PUMPING C.F.S. | RELEASE - C.F.S. | | | GAIN(+) OR LOSS(-) C.F.S. | EVAPORATION | | PRECIP INCHES |
|------------------|--------|----------------------|-----------------|-------------------------------|------------------|-------------------|----------|------------------------------------|---------------|--------------|------------------|
| | | ACRE-FOOT IN LAKE | CHANGE | | POWER | PACHECO TUNNEL | SPILL | | C.F.S. | INCHES | |
| | | 873,969 | | | | | | | | | |
| 1 | 438.94 | 864,707 | -9,262 | 0 | 4,520 | 215 | 0 | +65 | 185 | .60 | .00 |
| 2 | 437.78 | 853,674 | -11,033 | 0 | 5,221 | 236 | 0 | -105 | 224 | .73 | .00 |
| 3 | 437.01 | 846,376 | -7,298 | 0 | 3,525 | 251 | 0 | +97 | 205 | .67 | .00 |
| 4 | 436.24 | 839,101 | -7,275 | 0 | 3,466 | 235 | 0 | +33 | 229 | .75 | .00 |
| 5 | 434.36 | 821,426 | -17,675 | 0 | 8,852 | 226 | 0 | +167 | 202 | .67 | .00 |
| 6 | 433.24 | 810,958 | -10,468 | 0 | 5,059 | 227 | 0 | +8 | 199 | .66 | .00 |
| 7 | 432.48 | 803,881 | -7,077 | 0 | 3,420 | 227 | 0 | +79 | 207 | .69 | .00 |
| 8 | 430.69 | 787,296 | -16,585 | 0 | 8,367 | 209 | 0 | +214 | 155 | .52 | .00 |
| 9 | 429.45 | 775,876 | -11,420 | 0 | 5,318 | 242 | 0 | -197 | 149 | .50 | .00 |
| 10 | 428.32 | 765,519 | -10,357 | 0 | 4,997 | 253 | 0 | +28 | 177 | .60 | .00 |
| 11 | 427.41 | 757,213 | -8,306 | 703 | 4,567 | 259 | 0 | -65 | 262 | .89 | .00 |
| 12 | 426.29 | 747,033 | -10,180 | 0 | 4,913 | 275 | 0 | +55 | 252 | .86 | .00 |
| 13 | 426.22 | 746,398 | -635 | 0 | 0 | 287 | 0 | -33 | 214 | .73 | .00 |
| 14 | 425.60 | 740,790 | -5,608 | 0 | 2,762 | 276 | 0 | +211 | 223 | .76 | .00 |
| 15 | 424.34 | 729,411 | -11,379 | 0 | 5,614 | 250 | 0 | +128 | 242 | .83 | .00 |
| 16 | 423.23 | 719,443 | -9,968 | 0 | 4,806 | 278 | 0 | +58 | 145 | .50 | .00 |
| 17 | 422.10 | 709,347 | -10,096 | 548 | 5,265 | 271 | 0 | -101 | 176 | .61 | .00 |
| 18 | 421.39 | 703,031 | -6,316 | 0 | 2,978 | 236 | 0 | +30 | 181 | .63 | .00 |
| 19 | 420.74 | 697,267 | -5,764 | 0 | 2,629 | 238 | 0 | -38 | 198 | .69 | .00 |
| 20 | 419.80 | 689,316 | -7,951 | 0 | 3,805 | 236 | 0 | +33 | 171 | .60 | .00 |
| 21 | 419.08 | 682,628 | -6,688 | 0 | 3,111 | 233 | 0 | -28 | 185 | .65 | .00 |
| 22 | 418.56 | 678,066 | -4,562 | 0 | 2,064 | 219 | 0 | -17 | 148 | .52 | .00 |
| 23 | 418.04 | 673,516 | -4,550 | 1,090 | 3,090 | 233 | 0 | -61 | 156 | .55 | .00 |
| 24 | 417.71 | 670,634 | -2,882 | 1,697 | 3,393 | 249 | 0 | +492 | 147 | .52 | .00 |
| 25 | 417.48 | 668,629 | -2,005 | 1,655 | 2,476 | 239 | 0 | +49 | 143 | .51 | .00 |
| 26 | 417.29 | 666,974 | -1,655 | 1,925 | 2,480 | 238 | 0 | -41 | 163 | .58 | .00 |
| 27 | 416.68 | 661,670 | -5,304 | 0 | 2,472 | 238 | 0 | +36 | 155 | .55 | .00 |
| 28 | 416.59 | 660,889 | -781 | 0 | 0 | 235 | 0 | -158 | 174 | .62 | .00 |
| 29 | 415.92 | 655,084 | -5,805 | 0 | 2,664 | 218 | 0 | -44 | 137 | .49 | .00 |
| 30 | 415.26 | 649,385 | -5,699 | 0 | 2,639 | 256 | 0 | +21 | 126 | .45 | .00 |
| 31 | 414.97 | 646,887 | -2,498 | 0 | 878 | 442 | 0 | +60 | 159 | .57 | .00 |
| TOTALS | | | -227,082 | 7,618 | 115,351 | 7,727 | 0 | +976 | 5,689 | 19.50 | .00 |
| ACRE-FOOT | | | -227,082 | 15,110 | 228,799 | 15,327 | 0 | +1,936 | 11,284 | | |

SUMMARY

| | | | |
|---------------------|---------|------------------------|---------|
| RELEASE (ACRE-FOOT) | | PRECIPITATION | |
| POWER | 228,799 | SPILL | 0 |
| PACHECO TUNNEL | 15,327 | TOTAL | 244,126 |
| | | THIS MONTH = | .00 |
| | | JULY 1, 2002 TO DATE = | .00 |

JULY 2002

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

RUN DATE: August 21, 2002

| 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 | | |
| | | 41,733 | | | | | | | | | |
| 1 | 220.08 | 43,360 | +1,627 | 231 | 4,520 | 4,273 | 162 | 0 | 8,314 | | +272 |
| 2 | 220.69 | 44,949 | +1,589 | 192 | 5,221 | 4,815 | 0 | 0 | 9,454 | | +28 |
| 3 | 220.21 | 43,697 | -1,252 | 47 | 3,525 | 4,263 | 143 | 0 | 8,290 | | -34 |
| 4 | 218.86 | 40,229 | -3,468 | 0 | 3,466 | 4,326 | 200 | 0 | 9,555 | | +214 |
| 5 | 221.56 | 47,230 | +7,001 | 53 | 8,852 | 4,048 | 76 | 0 | 9,192 | | -156 |
| 6 | 221.28 | 46,495 | -735 | 91 | 5,059 | 4,072 | 0 | 0 | 9,890 | | +298 |
| 7 | 219.13 | 40,915 | -5,580 | 87 | 3,420 | 4,429 | 0 | 0 | 10,731 | | -19 |
| 8 | 221.90 | 48,124 | +7,209 | 269 | 8,367 | 4,173 | 0 | 0 | 9,310 | | +135 |
| 9 | 222.74 | 50,353 | +2,229 | 369 | 5,318 | 4,544 | 0 | 0 | 9,563 | | +456 |
| 10 | 222.83 | 50,593 | +240 | 139 | 4,997 | 5,027 | 0 | 0 | 10,091 | | +49 |
| 11 | 221.93 | 48,203 | -2,390 | 157 | 4,567 | 5,013 | 0 | 703 | 10,224 | | -14 |
| 12 | 222.12 | 48,703 | +500 | 273 | 4,913 | 5,413 | 0 | 0 | 10,183 | | -163 |
| 13 | 220.96 | 45,656 | -3,047 | 183 | 0 | 5,929 | 0 | 0 | 7,571 | | -77 |
| 14 | 219.30 | 41,349 | -4,307 | 135 | 2,762 | 5,986 | 0 | 0 | 11,546 | | +492 |
| 15 | 220.13 | 43,489 | +2,140 | 106 | 5,614 | 5,251 | 0 | 0 | 9,436 | | -456 |
| 16 | 221.44 | 46,915 | +3,426 | 0 | 4,806 | 5,744 | 0 | 0 | 8,998 | | +175 |
| 17 | 222.96 | 50,939 | +4,024 | 0 | 5,265 | 6,589 | 0 | 548 | 9,340 | | +62 |
| 18 | 222.81 | 50,539 | -400 | 0 | 2,978 | 5,358 | 0 | 0 | 9,007 | | +469 |
| 19 | 222.31 | 49,208 | -1,331 | 0 | 2,629 | 5,834 | 0 | 0 | 9,164 | | +30 |
| 20 | 221.74 | 47,703 | -1,505 | 0 | 3,805 | 5,234 | 0 | 0 | 9,729 | | -69 |
| 21 | 221.55 | 47,204 | -499 | 0 | 3,111 | 6,253 | 0 | 0 | 9,898 | | +282 |
| 22 | 222.56 | 49,873 | +2,669 | 215 | 2,064 | 6,256 | 0 | 0 | 7,467 | | +278 |
| 23 | 222.75 | 50,379 | +506 | 390 | 3,090 | 6,423 | 0 | 1,090 | 8,778 | | +220 |
| 24 | 222.10 | 48,650 | -1,729 | 378 | 3,393 | 6,297 | 0 | 1,697 | 8,851 | | -392 |
| 25 | 221.59 | 47,309 | -1,341 | 396 | 2,476 | 6,469 | 0 | 1,655 | 8,487 | | +125 |
| 26 | 220.78 | 45,184 | -2,125 | 446 | 2,480 | 6,232 | 0 | 1,925 | 8,400 | | +96 |
| 27 | 221.31 | 46,574 | +1,390 | 459 | 2,472 | 6,248 | 0 | 0 | 8,622 | | +144 |
| 28 | 220.09 | 43,386 | -3,188 | 566 | 0 | 6,298 | 0 | 0 | 8,759 | | +287 |
| 29 | 222.24 | 49,022 | +5,636 | 758 | 2,664 | 6,143 | 0 | 0 | 7,109 | | +385 |
| 30 | 223.84 | 53,296 | +4,274 | 831 | 2,639 | 6,253 | 0 | 0 | 7,756 | | +188 |
| 31 | 223.73 | 53,001 | -295 | 594 | 878 | 6,689 | 0 | 0 | 8,651 | | +1,492 |
| TOTALS | | | +11,268 | 7,365 | 115,351 | 169,882 | 581 | 7,618 | 282,366 | | +4,797 |
| ACRE-FEET | | | +11,268 | 14,608 | 228,799 | 336,961 | 1,152 | 15,110 | 560,073 | 2,283 | 9,515 |

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

**SUMMARY
RELEASE (ACRE-FEET)**

| | | | | | |
|---------------|--------|-----------------|---------|-------|---------|
| O'NEILL GEN. | 1,152 | DOS AMIGOS PUMP | 560,073 | | |
| SAN LUIS PUMP | 15,110 | DELIVERIES | 2,283 | TOTAL | 578,618 |

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

Table 19

JULY 2002

FEDERAL-STATE OPERATIONS
 SAN LUIS UNIT

RUN DATE: August 21, 2002

| DAY | AQUEDUCT CHECK 12 | | | O'NEILL | | | | SAN LUIS | | | | | | PACHECO PUMP | DOS AMIGOS | | |
|----------------|-------------------|----------------|---------------|--------------|--------------|--------------|---------------|----------------|----------------|--------------|---------------|----------------|----------------|----------------|----------------|--------------|----------------|
| | STATE | FED | TOTAL | FED | STATE | GENER | TOTAL | FED | STATE | TOTAL | FED | STATE | TOTAL | | FED | STATE | TOTAL |
| 1 | 6,829 | 1,646 | 8,475 | 458 | 0 | 458 | 321 | 0 | 0 | 0 | 1,718 | 7,247 | 8,965 | 426 | 5,293 | 11,197 | 16,490 |
| 2 | 7,904 | 1,646 | 9,550 | 380 | 0 | 380 | 0 | 0 | 0 | 0 | 3,501 | 6,855 | 10,356 | 468 | 5,265 | 13,488 | 18,753 |
| 3 | 6,517 | 1,939 | 8,456 | 94 | 0 | 94 | 283 | 0 | 0 | 0 | 3,520 | 3,472 | 6,992 | 498 | 5,252 | 11,191 | 16,443 |
| 4 | 6,615 | 1,966 | 8,581 | 0 | 0 | 0 | 396 | 0 | 0 | 0 | 2,603 | 4,272 | 6,875 | 466 | 5,233 | 13,719 | 18,952 |
| 5 | 6,549 | 1,481 | 8,030 | 105 | 0 | 105 | 150 | 0 | 0 | 0 | 4,414 | 13,144 | 17,558 | 449 | 5,251 | 12,981 | 18,232 |
| 6 | 6,596 | 1,481 | 8,077 | 180 | 0 | 180 | 0 | 0 | 0 | 0 | 4,450 | 5,584 | 10,034 | 450 | 5,328 | 14,289 | 19,617 |
| 7 | 7,330 | 1,455 | 8,785 | 173 | 0 | 173 | 0 | 0 | 0 | 0 | 4,403 | 2,381 | 6,784 | 450 | 5,229 | 16,056 | 21,285 |
| 8 | 6,797 | 1,481 | 8,278 | 534 | 0 | 534 | 0 | 0 | 0 | 0 | 4,496 | 12,099 | 16,595 | 415 | 5,314 | 13,152 | 18,466 |
| 9 | 7,532 | 1,481 | 9,013 | 731 | 0 | 731 | 0 | 0 | 0 | 0 | 4,376 | 6,173 | 10,549 | 480 | 5,324 | 13,645 | 18,969 |
| 10 | 7,198 | 2,774 | 9,972 | 275 | 0 | 275 | 0 | 0 | 0 | 0 | 2,050 | 7,861 | 9,911 | 501 | 5,319 | 14,697 | 20,016 |
| 11 | 7,169 | 2,774 | 9,943 | 311 | 0 | 311 | 0 | 0 | 1,394 | 1,394 | 0 | 9,058 | 9,058 | 513 | 5,227 | 15,053 | 20,280 |
| 12 | 9,551 | 1,185 | 10,736 | 542 | 0 | 542 | 0 | 0 | 0 | 0 | 0 | 9,744 | 9,744 | 546 | 5,255 | 14,943 | 20,198 |
| 13 | 10,575 | 1,185 | 11,760 | 363 | 0 | 363 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 569 | 5,354 | 9,664 | 15,018 |
| 14 | 10,688 | 1,185 | 11,873 | 268 | 0 | 268 | 0 | 0 | 0 | 0 | 0 | 5,479 | 5,479 | 547 | 5,240 | 17,662 | 22,902 |
| 15 | 9,230 | 1,185 | 10,415 | 210 | 0 | 210 | 0 | 0 | 0 | 0 | 4,365 | 6,771 | 11,136 | 496 | 6,318 | 12,399 | 18,717 |
| 16 | 10,209 | 1,185 | 11,394 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,161 | 5,371 | 9,532 | 551 | 6,438 | 11,409 | 17,847 |
| 17 | 11,885 | 1,185 | 13,070 | 0 | 0 | 0 | 0 | 0 | 1,086 | 1,086 | 7,971 | 2,472 | 10,443 | 538 | 6,438 | 12,088 | 18,526 |
| 18 | 9,442 | 1,185 | 10,627 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,043 | 864 | 5,907 | 468 | 6,491 | 11,374 | 17,865 |
| 19 | 10,387 | 1,185 | 11,572 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,833 | 1,382 | 5,215 | 473 | 6,477 | 11,700 | 18,177 |
| 20 | 9,196 | 1,185 | 10,381 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,781 | 1,767 | 7,548 | 468 | 6,461 | 12,837 | 19,298 |
| 21 | 11,218 | 1,185 | 12,403 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,805 | 366 | 6,171 | 462 | 6,386 | 13,247 | 19,633 |
| 22 | 11,224 | 1,185 | 12,409 | 426 | 0 | 426 | 0 | 0 | 0 | 0 | 3,934 | 160 | 4,094 | 435 | 6,428 | 8,383 | 14,811 |
| 23 | 11,555 | 1,185 | 12,740 | 773 | 0 | 773 | 0 | 0 | 2,162 | 2,162 | 5,864 | 265 | 6,129 | 462 | 6,367 | 11,044 | 17,411 |
| 24 | 11,305 | 1,185 | 12,490 | 750 | 0 | 750 | 0 | 0 | 3,366 | 3,366 | 5,498 | 1,232 | 6,730 | 493 | 6,378 | 11,177 | 17,555 |
| 25 | 11,646 | 1,185 | 12,831 | 785 | 0 | 785 | 0 | 0 | 3,283 | 3,283 | 4,710 | 202 | 4,912 | 474 | 6,537 | 10,296 | 16,833 |
| 26 | 11,177 | 1,185 | 12,362 | 884 | 0 | 884 | 0 | 0 | 3,818 | 3,818 | 4,673 | 246 | 4,919 | 473 | 6,445 | 10,217 | 16,662 |
| 27 | 11,207 | 1,185 | 12,392 | 911 | 0 | 911 | 0 | 0 | 0 | 0 | 4,679 | 225 | 4,904 | 472 | 6,444 | 10,658 | 17,102 |
| 28 | 11,308 | 1,185 | 12,493 | 1,123 | 0 | 1,123 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 467 | 6,491 | 10,883 | 17,374 |
| 29 | 11,000 | 1,185 | 12,185 | 1,504 | 0 | 1,504 | 0 | 0 | 0 | 0 | 5,111 | 173 | 5,284 | 433 | 6,493 | 7,608 | 14,101 |
| 30 | 11,218 | 1,185 | 12,403 | 1,648 | 0 | 1,648 | 0 | 0 | 0 | 0 | 5,205 | 29 | 5,234 | 507 | 6,485 | 8,899 | 15,384 |
| 31 | 12,083 | 1,185 | 13,268 | 1,179 | 0 | 1,179 | 0 | 0 | 0 | 0 | 1,779 | -38 | 1,741 | 877 | 6,557 | 10,602 | 17,159 |
| TOTAL | 336,964 | TOTAL | 14,607 | TOTAL | 1,150 | TOTAL | 15,109 | TOTAL | 228,799 | TOTAL | 15,327 | TOTAL | 560,076 | FEDERAL | 183,518 | STATE | 376,558 |
| FEDERAL | 43,824 | FEDERAL | 14,607 | | | | 0 | FEDERAL | 113,943 | | | FEDERAL | 183,518 | STATE | 376,558 | XVC | 22,080 |
| STATE | 293,140 | STATE | 0 | | | | 15,109 | STATE | 114,856 | | | | | | | | |

COMMENTS: ALL VALUES IN ACRE-FEET

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

Table 20

JULY 2002

FEDERAL-STATE OPERATIONS

RUN DATE: August 21, 2002

| DAY | TRACY PUMPING | | | CLIFT COURT TOTAL | DELTA PUMPING PLANT | | | FED BANKS XVC | STATE DOS | BYRON BETHANY TOTAL | AQEDUCT STATE | CHECK 21 | | DMC-POOL DEMANDS |
|---------------|----------------|----------|----------------|-------------------|---------------------|---------------|----------------|---------------|---------------|---------------------|----------------|----------|----------------|------------------|
| | FED | STATE | TOTAL | | STATE | FED | TOTAL | | AMIGOS XVC | | | FED | TOTAL | |
| 1 | 8,007 | 0 | 8,007 | 10,899 | 9,574 | 1,646 | 11,469 | 249 | 246 | 140 | 11,434 | 0 | 11,434 | 7,870 |
| 2 | 8,614 | 0 | 8,614 | 10,881 | 9,273 | 1,646 | 11,168 | 249 | 246 | 143 | 10,757 | 0 | 10,757 | 8,234 |
| 3 | 8,648 | 0 | 8,648 | 10,901 | 7,364 | 1,939 | 9,593 | 290 | 246 | 168 | 12,255 | 0 | 12,255 | 8,837 |
| 4 | 8,651 | 0 | 8,651 | 9,905 | 6,952 | 1,966 | 9,931 | 1,013 | 993 | 168 | 11,890 | 0 | 11,890 | 9,047 |
| 5 | 8,640 | 0 | 8,640 | 9,899 | 7,353 | 1,481 | 9,854 | 1,020 | 993 | 131 | 11,275 | 0 | 11,275 | 8,685 |
| 6 | 8,626 | 0 | 8,626 | 9,912 | 6,893 | 1,481 | 9,394 | 1,020 | 993 | 131 | 13,843 | 0 | 13,843 | 8,446 |
| 7 | 8,585 | 0 | 8,585 | 9,912 | 7,693 | 1,455 | 10,168 | 1,020 | 993 | 131 | 14,560 | 0 | 14,560 | 8,412 |
| 8 | 8,576 | 0 | 8,576 | 9,890 | 7,763 | 1,481 | 9,500 | 256 | 246 | 240 | 12,967 | 0 | 12,967 | 8,042 |
| 9 | 8,567 | 0 | 8,567 | 10,880 | 8,760 | 1,481 | 10,497 | 256 | 246 | 167 | 13,022 | 0 | 13,022 | 7,836 |
| 10 | 8,588 | 0 | 8,588 | 11,896 | 8,438 | 2,774 | 11,468 | 256 | 246 | 170 | 13,412 | 0 | 13,412 | 8,313 |
| 11 | 8,641 | 0 | 8,641 | 11,896 | 8,328 | 2,774 | 11,358 | 256 | 246 | 108 | 13,889 | 0 | 13,889 | 8,330 |
| 12 | 8,603 | 0 | 8,603 | 12,872 | 10,765 | 1,185 | 12,206 | 256 | 246 | 106 | 14,041 | 0 | 14,041 | 8,061 |
| 13 | 8,640 | 0 | 8,640 | 12,860 | 11,603 | 1,185 | 13,054 | 266 | 246 | 150 | 8,881 | 0 | 8,881 | 8,277 |
| 14 | 8,667 | 0 | 8,667 | 12,889 | 11,052 | 1,185 | 12,503 | 266 | 246 | 150 | 13,966 | 0 | 13,966 | 8,399 |
| 15 | 8,538 | 0 | 8,538 | 12,879 | 10,251 | 1,185 | 12,456 | 1,020 | 978 | 35 | 12,783 | 0 | 12,783 | 8,328 |
| 16 | 8,546 | 0 | 8,546 | 11,993 | 10,474 | 1,185 | 12,679 | 1,020 | 978 | 111 | 11,112 | 0 | 11,112 | 8,546 |
| 17 | 8,476 | 0 | 8,476 | 12,613 | 11,853 | 1,185 | 14,058 | 1,020 | 978 | 125 | 12,054 | 0 | 12,054 | 8,476 |
| 18 | 8,671 | 0 | 8,671 | 12,827 | 10,457 | 1,185 | 12,662 | 1,020 | 978 | 122 | 11,955 | 0 | 11,955 | 8,671 |
| 19 | 8,706 | 0 | 8,706 | 12,883 | 10,089 | 1,185 | 12,294 | 1,020 | 978 | 95 | 12,844 | 0 | 12,844 | 8,706 |
| 20 | 8,774 | 0 | 8,774 | 12,886 | 9,808 | 1,185 | 12,013 | 1,020 | 978 | 120 | 13,564 | 0 | 13,564 | 8,774 |
| 21 | 8,721 | 0 | 8,721 | 14,227 | 12,375 | 1,185 | 14,580 | 1,020 | 978 | 120 | 13,134 | 0 | 13,134 | 8,721 |
| 22 | 8,754 | 0 | 8,754 | 14,232 | 10,905 | 1,185 | 13,110 | 1,020 | 978 | 67 | 11,421 | 0 | 11,421 | 8,328 |
| 23 | 8,705 | 0 | 8,705 | 14,242 | 12,329 | 1,185 | 14,534 | 1,020 | 978 | 117 | 12,053 | 0 | 12,053 | 7,932 |
| 24 | 8,709 | 0 | 8,709 | 14,191 | 11,639 | 1,185 | 13,844 | 1,020 | 978 | 197 | 12,066 | 0 | 12,066 | 7,959 |
| 25 | 8,709 | 0 | 8,709 | 14,217 | 11,637 | 1,185 | 13,842 | 1,020 | 978 | 138 | 12,444 | 0 | 12,444 | 7,924 |
| 26 | 8,693 | 0 | 8,693 | 14,230 | 11,628 | 1,185 | 13,833 | 1,020 | 978 | 117 | 11,737 | 0 | 11,737 | 7,809 |
| 27 | 8,668 | 0 | 8,668 | 14,231 | 11,650 | 1,185 | 13,855 | 1,020 | 978 | 117 | 12,576 | 0 | 12,576 | 7,757 |
| 28 | 8,674 | 0 | 8,674 | 14,225 | 12,662 | 1,185 | 13,847 | 0 | 0 | 120 | 11,805 | 0 | 11,805 | 7,551 |
| 29 | 8,690 | 0 | 8,690 | 14,240 | 11,868 | 1,185 | 14,073 | 1,020 | 978 | 188 | 10,000 | 0 | 10,000 | 7,186 |
| 30 | 8,602 | 0 | 8,602 | 12,720 | 11,563 | 1,185 | 13,768 | 1,020 | 978 | 158 | 11,024 | 0 | 11,024 | 6,954 |
| 31 | 8,620 | 0 | 8,620 | 11,393 | 12,792 | 1,185 | 14,997 | 1,020 | 978 | 264 | 10,077 | 0 | 10,077 | 7,441 |
| TOTALS | 267,309 | 0 | 267,309 | 383,721 | 315,791 | 43,824 | 382,608 | 22,993 | 22,080 | 4,314 | 378,841 | 0 | 378,841 | 253,852 |

COMMENTS: ALL VALUES IN ACRE-FEET

- FED BANKS: 07/01/02 - 1,646 af (830 cfs) is EWA Water.
- FED BANKS: 07/02/02 - 1,646 af (830 cfs) is EWA Water.
- FED BANKS: 07/03/02 - 1,939 af (978 cfs) is EWA Water.
- FED BANKS: 07/04/02 - 1,966 af (991 cfs) is EWA Water.
- FED BANKS: 07/05/02 - 1,481 af (747 cfs) is EWA Water.
- FED BANKS: 07/06/02 - 1,481 af (747 cfs) is EWA Water.
- FED BANKS: 07/07/02 - 1,455 af (734 cfs) is EWA Water.
- FED BANKS: 07/08/02 - 1,481 af (747 cfs) is EWA Water.
- FED BANKS: 07/09/02 - 1,481 af (747 cfs) is EWA Water.
- FED BANKS: 07/10/02 - 2,774 af (1,399 cfs) is EWA Water.
- FED BANKS: 07/11/02 - 2,774 af (1,399 cfs) is EWA Water.
- FED BANKS: 07/12/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/13/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/14/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/15/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/16/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/17/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/18/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/19/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/20/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/21/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/22/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/23/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/24/02 - 1,185 af (597 cfs) is EWA Water.
- FED BANKS: 07/25/02 - 1,185 af (597 cfs) is EWA Water.

| DAY | TRACY PUMPING | | CLIFT COURT TOTAL | DELTA PUMPING PLANT | | FED BANKS XVC | STATE | BYRON BETHANY TOTAL | AQEDUCT STATE | CHECK 21 | | DMC-POOL DEMANDS |
|-----|---------------|-------|-------------------|---------------------|-------|---------------|------------|---------------------|---------------|----------|-------|------------------|
| | FED | STATE | | FED | TOTAL | | AMIGOS XVC | | | FED | TOTAL | |

FED BANKS: 07/26/02 - 1,185 af (597 cfs) is EWA Water.
 FED BANKS: 07/27/02 - 1,185 af (597 cfs) is EWA Water.
 FED BANKS: 07/28/02 - 1,185 af (597 cfs) is EWA Water.
 FED BANKS: 07/29/02 - 1,185 af (597 cfs) is EWA Water.
 FED BANKS: 07/30/02 - 1,185 af (597 cfs) is EWA Water.
 FED BANKS: 07/31/02 - 1,185 af (597 cfs) is EWA Water.
 Total July 2002 EWA Water pumped equals 43,824 af

Table 21

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

Central Valley Project - California
2002

Monthly Diversions in AF

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|-----|-----|-----|-----|-----|---------|
| CANALS | | | | | | | | | | | | | |
| Contra Costa | 13049 | 9404 | 9967 | 14486 | 6768 | 24424 | 20276 | | | | | | 98374 |
| Delta-Mendota | 254400 | 199820 | 256707 | 127398 | 52580 | 150595 | 267309 | | | | | | 1308809 |
| Actual Fed Dos Amigos | 40075 | 84854 | 72021 | 82879 | 110301 | 180906 | | | | | | | 571036 |
| Madera | 0 | 0 | 0 | 3783 | 27261 | 11145 | 63589 | | | | | | 105778 |
| Friant-Kern | 11328 | 30796 | 29060 | 48191 | 87351 | 167312 | 169986 | | | | | | 544024 |
| Corning | 0 | 0 | 422 | 1745 | 2588 | 3632 | 3917 | | | | | | 12304 |
| Folsom-South | 1553 | 1553 | 1805 | 2289 | 2307 | 36181 | 2656 | | | | | | 48344 |
| Sly Park - Camino Conduit | 1097 | 908 | 774 | 1359 | 2204 | 2856 | 3685 | | | | | | 12883 |
| Tehama-Colusa | 0 | 1636 | 13446 | 19095 | 36871 | 59013 | 55502 | | | | | | 185563 |
| CACHUMA PROJECT | | | | | | | | | | | | | |
| Tecolote Tunnel | 1872 | 2225 | 2761 | 2875 | 3681 | 3397 | 3685 | | | | | | 20496 |
| KLAMATH PROJECT | | | | | | | | | | | | | |
| "A" Canal Upper Klamath | 0 | 0 | NA | 28420 | 27150 | 50840 | 55800 | | | | | | 162210 |
| Klamath Drainage District | 25120 | 7580 | NA | 11250 | 10002 | 11680 | 14700 | | | | | | 80332 |
| Clear Lake Reservoir | 0 | 0 | NA | 140 | 5730 | 7340 | 21110 | | | | | | 34320 |
| Gerber Reservoir | 0 | 0 | NA | 800 | 6400 | 8060 | 9180 | | | | | | 24440 |
| Klamath River to Lost River | 0 | 0 | NA | 6300 | 5000 | 21900 | 10450 | | | | | | 43650 |
| ORLAND PROJECT | | | | | | | | | | | | | |
| Stony Creek | 0 | 0 | 2432 | 15731 | 14641 | 18250 | 20608 | | | | | | 71662 |
| South Canal | 0 | 0 | 1682 | 10122 | 9526 | 12121 | 13892 | | | | | | 47343 |
| North Canal | 0 | 0 | 750 | 5609 | 5115 | 6129 | 6716 | | | | | | 24319 |
| SOLANO PROJECT | | | | | | | | | | | | | |
| Putah South Canal | 3319 | 2906 | 3669 | 17629 | 28007 | 36181 | 37450 | | | | | | 129161 |

Table 22

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

Friant-Kern Canal

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 | 0 | 0 | | | | | | 0 |
| Arvin-Edison WSD | 2900 | 3616 | 133 | 2414 | 9625 | 3720 | 2546 | | | | | | 24954 |
| Atwell Island WD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Delano-Earlimart ID | 81 | 2459 | 8577 | 11882 | 16712 | 25850 | 26201 | | | | | | 91762 |
| Exeter ID | 22 | 34 | 53 | 701 | 971 | 1845 | 2674 | | | | | | 6300 |
| City of Fresno | 0 | 0 | 14 | 45 | 1652 | 24021 | 17203 | | | | | | 42935 |
| County of Fresno SA #34 | 5 | 3 | 13 | 25 | 56 | 74 | 101 | | | | | | 277 |
| Fresno ID | 11 | 131 | 0 | 0 | 0 | 200 | 0 | | | | | | 342 |
| Garfield WD | 0 | 0 | 7 | 351 | 375 | 578 | 542 | | | | | | 1853 |
| Hills Valley ID | 22 | 0 | 14 | 317 | 520 | 779 | 973 | | | | | | 2625 |
| International WD | 0 | 108 | 0 | 116 | 162 | 212 | 289 | | | | | | 887 |
| Ivanhoe ID | 0 | 0 | 0 | 95 | 450 | 930 | 1406 | | | | | | 2881 |
| Kawaeah Delta WCD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Kern County Water Agency | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Kern-Tulare WD | 162 | 355 | 1330 | 2534 | 3864 | 4923 | 3744 | | | | | | 16912 |
| Lewis Creek WD | 0 | 0 | 0 | 0 | 0 | 12 | 27 | | | | | | 39 |
| Lindmore ID | 0 | 0 | 227 | 1450 | 3929 | 6196 | 8303 | | | | | | 20105 |
| City of Lindsay | 122 | 102 | 142 | 193 | 259 | 268 | 323 | | | | | | 1409 |
| Lindsay-Strathmore ID | 0 | | 373 | 2525 | 542 | 3508 | 4254 | | | | | | 11202 |
| Lower Tule River ID | 824 | 396 | 0 | 0 | 13499 | 23213 | 26538 | | | | | | 64470 |
| North-Kern WSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| City of Orange Cove | 87 | 88 | 104 | 108 | 153 | 183 | 201 | | | | | | 924 |
| Orange Cove ID | 298 | 38 | 112 | 1811 | 3321 | 4758 | 6065 | | | | | | 16403 |
| Pixley ID | 0 | 0 | 0 | 0 | 0 | 5151 | 8006 | | | | | | 13157 |
| Porterville ID | 0 | 0 | 670 | 1000 | 2068 | 2702 | 3338 | | | | | | 9778 |
| Rag Gulch WD | 9 | 196 | 431 | 1013 | 1478 | 2195 | 1362 | | | | | | 6684 |
| Rosedale Rio Bravo WSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Saucelito ID | 11 | 259 | 1883 | 2143 | 2649 | 4379 | 5221 | | | | | | 16545 |
| Semitropic WSD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Shafter Wasco ID | 1465 | 6869 | 2969 | 4791 | 5344 | 8286 | 8667 | | | | | | 38391 |
| Southern San Joaquin MUD | 401 | 6254 | 7790 | 10291 | 12151 | 17940 | 19294 | | | | | | 74121 |
| Smallwood Vineyards | 0 | 0 | 0 | 84 | 98 | 93 | 127 | | | | | | 402 |
| Stone Corral ID | 70 | 6 | 68 | 823 | 977 | 1373 | 1835 | | | | | | 5152 |
| Strathmore PUD | 30 | 24 | 29 | 41 | 51 | 67 | 75 | | | | | | 317 |
| Styro Tek, Inc. | 0 | 1 | 1 | 1 | 2 | 2 | 0 | | | | | | 7 |
| Tea Pot Dome WD | 0 | 48 | 0 | 358 | 765 | 1078 | 1233 | | | | | | 3482 |
| Terra Bella ID | 153 | 76 | 83 | 1414 | 2346 | 3175 | 3901 | | | | | | 11148 |
| Tri-Valley WD | 0 | 0 | 0 | 0 | 55 | 222 | 319 | | | | | | 596 |
| Tulare ID | 0 | 5045 | 0 | 0 | 0 | 17598 | 12357 | | | | | | 35000 |
| Total | 6673 | 26108 | 25023 | 46526 | 84074 | 165531 | 167125 | 0 | 0 | 0 | 0 | 0 | 521060 |

* 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
 2002**

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 | 0 | 0 | 16584 | 29774 | | | | | | 46358 |
| Madera ID | 0 | 0 | 0 | 1761 | 25557 | 25111 | 32083 | | | | | | 84512 |
| Soquel | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Total | 0 | 0 | 0 | 1761 | 25557 | 41695 | 61857 | 0 | 0 | 0 | 0 | 0 | 130870 |
| MILLERTON LAKE | | | | | | | | | | | | | |
| County of Madera | 2 | 2 | 3 | 4 | 5 | 6 | 8 | | | | | | 30 |
| Fresno County # 18 | 5 | 5 | 7 | 12 | 18 | 19 | 6 | | | | | | 72 |
| Gravelly Ford WD | 0 | 0 | 584 | 991 | 1834 | 878 | 1498 | | | | | | 5785 |
| Total | 7 | 7 | 594 | 1007 | 1857 | 903 | 1512 | 0 | 0 | 0 | 0 | 0 | 5887 |

* 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
2002

| Water User | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|-----------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|----------|----------|----------|----------|---------------|
| Banta Carbona ID | 0 | 0 | 699 | 58 | 66 | 530 | 1248 | | | | | | 2601 |
| Broadview WD | 428 | 1829 | 919 | 639 | 961 | 3016 | 2765 | | | | | | 10557 |
| CCID (Abv CK 13) | 61 | 641 | 1389 | 1568 | 2273 | 2499 | 2349 | | | | | | 10780 |
| CCID (Blw CK 13) | 309 | 1100 | 7885 | 6806 | 22443 | 17579 | 19402 | | | | | | 75524 |
| Centinella WD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| China Island (76.05) | 0 | 0 | 513 | 400 | 0 | 1086 | 650 | | | | | | 2649 |
| Del Puerto WD | 56 | 1910 | 3106 | 9954 | 9960 | 15287 | 15864 | | | | | | 56137 |
| DWR Intertie @MP7.70-R | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Eagle Field WD | 0 | 548 | 0 | 1 | 164 | 220 | 338 | | | | | | 1271 |
| Firebaugh Canal | 192 | 2050 | 1701 | 1354 | 1679 | 8303 | 10320 | | | | | | 25599 |
| Frietas Unit (76.05L) | 0 | 0 | 720 | 845 | 355 | 382 | 254 | | | | | | 2556 |
| Mercy Springs WD | 1 | 123 | 63 | 88 | 53 | 212 | 246 | | | | | | 786 |
| Oro Loma WD | 0 | 113 | 30 | 0 | 39 | 131 | 178 | | | | | | 491 |
| Panoche WD - Ag | 51 | 341 | 344 | 372 | 636 | 1311 | 1741 | | | | | | 4796 |
| Panoche WD - M&I | 2 | 3 | 2 | 3 | 2 | 3 | 2 | | | | | | 17 |
| Patterson WD | 0 | 0 | 55 | 313 | 911 | 874 | 1296 | | | | | | 3449 |
| Plainview WD | 0 | 13 | 30 | 482 | 474 | 632 | 654 | | | | | | 2285 |
| Salt Slough Unit (76.05L) | 0 | 0 | 515 | 900 | 946 | 1154 | 977 | | | | | | 4492 |
| San Luis WD - Ag | 355 | 1098 | 538 | 850 | 1022 | 2010 | 2244 | | | | | | 8117 |
| San Luis WD - M&I | 1 | 1 | 5 | 19 | 23 | 24 | 11 | | | | | | 84 |
| Tracy, City of | 0 | 0 | 407 | 562 | 775 | 877 | 1042 | | | | | | 3663 |
| West Side ID | 6 | 0 | 0 | 0 | 112 | 270 | 430 | | | | | | 818 |
| Widren | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| W. Stanislaus ID | 0 | 984 | 2366 | 3913 | 3856 | 7458 | 9733 | | | | | | 28310 |
| F&G - Los Banos Ref. 76.05L | 0 | 0 | 1090 | 301 | 826 | 1064 | 969 | | | | | | 4250 |
| Volta Wildlife Mgmt Area | 0 | 113 | 0 | 521 | 50 | 466 | 450 | | | | | | 1600 |
| Grasslands -76.05L | 4820 | 7408 | 0 | 1508 | 0 | 2906 | 6362 | | | | | | 23004 |
| Grasslands - Volta | 402 | 427 | 0 | 1848 | 1163 | 2107 | 937 | | | | | | 6884 |
| F&S (Volta) Santa Fee Kest. | 0 | 0 | 0 | 0 | 661 | 178 | 182 | | | | | | 1021 |
| F&S - Kesterson 76.05L | 0 | 0 | 0 | 504 | 0 | 0 | 0 | | | | | | 504 |
| Total DMC Deliveries | 6684 | 18702 | 22377 | 33809 | 49450 | 70579 | 80644 | 0 | 0 | 0 | 0 | 0 | 282245 |
| Oneill Net Pumped | 225493 | 93737 | 153351 | 22779 | (92264) | (68180) | 13457 | | | | | | 348373 |
| DMC plus Oneill | 232177 | 112439 | 175728 | 56588 | (42814) | 2399 | 94101 | 0 | 0 | 0 | 0 | 0 | 630618 |

* 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
2002**

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 | 212 | 141 | 174 | 209 | 256 | 256 | 278 | | | | | | 1526 |
| Broadview WD | 1 | 1 | 0 | 2 | 2 | 3 | 4 | | | | | | 13 |
| City of Coalinga | 280 | 241 | 234 | 472 | 434 | 586 | 591 | | | | | | 2838 |
| City of Dos Palos | 66 | 65 | 84 | 118 | 149 | 171 | 185 | | | | | | 838 |
| City of Huron | 43 | 46 | 47 | 124 | 109 | 122 | 131 | | | | | | 622 |
| Pacheco WD | 1 | 1 | 50 | 326 | 2 | 1274 | 2750 | | | | | | 4404 |
| Pacheco CCID Non-project (Hamburg) | 327 | 707 | 944 | 719 | 2003 | 923 | 0 | | | | | | 5623 |
| Panoche WD | 2602 | 4828 | 3684 | 3144 | 5159 | 9967 | 13562 | | | | | | 42946 |
| San Luis WD | 1066 | 5700 | 5801 | 5111 | 7152 | 11711 | 14240 | | | | | | 50781 |
| Westlands WD (Federal) | 35134 | 74079 | 63941 | 75647 | 103758 | 167006 | 167011 | | | | | | 686576 |
| Phase I (Non-chargeable) | 0 | 8 | 0 | 0 | 0 | 0 | 0 | | | | | | 8 |
| Fish & Game (Lateral 4) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | 7 |
| Fish & Game (Lateral 6) | 51 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 51 |
| Total | 39784 | 85818 | 74960 | 85873 | 119025 | 192020 | 198753 | 0 | 0 | 0 | 0 | 0 | 796233 |
| O'NEILL FOREBAY DELIVERIES | | | | | | | | | | | | | |
| Oneill Forebay Wildlife | 76 | 63 | 84 | 45 | 51 | 74 | 101 | | | | | | 494 |
| San Luis WD Ag | 117 | 620 | 698 | 689 | 1233 | 1682 | 2112 | | | | | | 7151 |
| San Luis M&I | 28 | 22 | 32 | 44 | 53 | 62 | 70 | | | | | | 311 |
| VA Cemetary | 2 | 2 | 3 | 7 | 6 | 7 | 10 | | | | | | 37 |
| Total | 223 | 707 | 817 | 785 | 1343 | 1825 | 2293 | 0 | 0 | 0 | 0 | 0 | 7993 |
| CROSS VALLEY CANAL | | | | | | | | | | | | | |
| Arvin Edison WSD | 0 | 0 | 0 | 0 | 0 | 0 | 8317 | | | | | | 8317 |
| Kern-Tulare | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Pixley ID | 0 | 0 | 0 | 0 | 0 | 0 | 22080 | | | | | | 22080 |
| Rag Gulch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 30397 | 0 | 0 | 0 | 0 | 0 | 30397 |
| SAN FELIPE DIVISION | | | | | | | | | | | | | |
| Santa Clara | 8720 | 9306 | 9620 | 12225 | 13875 | 10587 | 11585 | | | | | | 75918 |
| San Benito | 323 | 1360 | 285 | 1650 | 2401 | 3733 | 3742 | | | | | | 13494 |
| Total | 9043 | 10666 | 9905 | 13875 | 16276 | 14320 | 15327 | 0 | 0 | 0 | 0 | 0 | 89412 |

* 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 28

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

Monthly Deliveries in AF

Sacramento River
2002

| Water Users | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--|----------|----------|----------|---------------|---------------|---------------|---------------|----------|----------|----------|----------|----------|----------------|
| A&F Boeger Corp & Thunder Farms | 0 | 0 | 0 | 0 | 362 | 559 | 588 | | | | | | 1509 |
| Anderson Cottonwood ID | 0 | 0 | 0 | 6829 | 19825 | 19427 | 21483 | | | | | | 67564 |
| Andreotti, Arthur, et al | 0 | 0 | 0 | 321 | 483 | 622 | 1648 | | | | | | 3074 |
| Baber, Jack, et | 0 | 0 | 0 | 0 | 105 | 252 | 492 | | | | | | 849 |
| A&R Farms (Odysseus) | 0 | 0 | 0 | 1 | 15 | 45 | 92 | | | | | | 153 |
| Cannel, Fred | 0 | 0 | 0 | 154 | 320 | 181 | 33 | | | | | | 688 |
| Carter, Jane | 0 | 0 | 0 | 0 | 0 | 227 | 295 | | | | | | 522 |
| Colusa Prop. Inc | 0 | 0 | 0 | 0 | 0 | 354 | 143 | | | | | | 497 |
| Conaway Conservancy Group | 0 | 0 | 0 | 1304 | 9545 | 10043 | 6675 | | | | | | 27567 |
| Davis, Olive P, et al | 0 | 0 | 0 | 3559 | 5144 | 6816 | 7439 | | | | | | 22958 |
| Deseret Farms of Calif | 0 | 0 | 0 | 58 | 168 | 258 | 222 | | | | | | 706 |
| Dommer, Elizabeth | 0 | 0 | 0 | 0 | 2 | 2 | 2 | | | | | | 6 |
| Forry, David G, et al | 0 | 0 | 0 | 133 | 196 | 358 | 386 | | | | | | 1073 |
| Forster, Rosemary | 0 | 0 | 0 | 45 | 624 | 759 | 831 | | | | | | 2259 |
| Furlan Joint Venture (Area #1) | 0 | 0 | 0 | 32 | 121 | 78 | 93 | | | | | | 324 |
| Furlan Joint Venture (Area #2) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Glenn-Colusa ID | 0 | 0 | 0 | 102425 | 120489 | 153527 | 153764 | | | | | | 530205 |
| Griffin, J, et al | 0 | 0 | 0 | 142 | 498 | 623 | 681 | | | | | | 1944 |
| Henle Family Limited Partnership | 0 | 0 | 0 | 0 | 0 | 56 | 29 | | | | | | 85 |
| Hershey Land Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Hiatt, Glenn | 0 | 0 | 0 | 0 | 252 | 220 | 248 | | | | | | 720 |
| Hollins, Mariette B | 0 | 0 | 0 | 65 | 131 | 235 | 263 | | | | | | 694 |
| Howald Farms | 0 | 0 | 0 | 124 | 239 | 311 | 331 | | | | | | 1005 |
| King, Barbara | 0 | 0 | 0 | 0 | 3 | 2 | 2 | | | | | | 7 |
| Knaggs Walnut Ranches Co, L.P. | 0 | 0 | 0 | 0 | 87 | 68 | 0 | | | | | | 155 |
| Lockett, William P. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Loma Cold Storage/J Micheli | 0 | 0 | 0 | 441 | 1515 | 1606 | 180 | | | | | | 3742 |
| M&T Inc. | 0 | 0 | 0 | 264 | 2405 | 1839 | 1052 | | | | | | 5560 |
| MCM Properties, Inc | 0 | 0 | 0 | 0 | 59 | 79 | 78 | | | | | | 216 |
| Maxwell ID | 0 | 0 | 0 | 1146 | 2410 | 1706 | 0 | | | | | | 5262 |
| Meridan Farms WC | 0 | 0 | 0 | 2224 | 5807 | 6618 | 7142 | | | | | | 21791 |
| Natomas Central MWC | 0 | 0 | 0 | 5104 | 19869 | 21247 | 21815 | | | | | | 68035 |
| O'Brien, Janice | 0 | 0 | 0 | 229 | 4 | 111 | 181 | | | | | | 525 |
| Oji Bros. Farms Inc | 0 | 0 | 0 | 52 | 576 | 867 | 581 | | | | | | 2076 |
| Oji, Mitsue Family PTN | 0 | 0 | 0 | 134 | 689 | 1207 | 381 | | | | | | 2411 |
| Pelger Mutual WC | 0 | 0 | 0 | 541 | 1444 | 1559 | 1195 | | | | | | 4739 |
| Pleasant Grove-Verona MWC | 0 | 0 | 0 | 799 | 3576 | 2124 | 2635 | | | | | | 9134 |
| Princeton,-Codora-Glenn ID | 0 | 0 | 0 | 2381 | 10605 | 12648 | 13747 | | | | | | 39381 |
| Provident Irrigation District | 0 | 0 | 0 | 8233 | 6130 | 12635 | 381 | | | | | | 27379 |
| Reclamation Dist #108 | 0 | 0 | 0 | 14747 | 35339 | 40296 | 38707 | | | | | | 129089 |
| Reclamation Dist #1004 | 0 | 0 | 0 | 5502 | 11856 | 14845 | 15104 | | | | | | 47307 |
| Reynen, John, et al | 0 | 0 | 0 | 378 | 1398 | 1643 | 1627 | | | | | | 5046 |
| River Garden Farms | 0 | 0 | 0 | 146 | 3649 | 6097 | 5684 | | | | | | 15576 |
| Roberts Ditch Irrigation Co | 0 | 0 | 0 | 408 | 558 | 786 | 981 | | | | | | 2733 |
| Sartain Mutual WC | 0 | 0 | 0 | 38 | 446 | 354 | 404 | | | | | | 1242 |
| Siddiqui, J & A & Siddiqui Family Plan | 0 | 0 | 0 | 23 | 71 | 12 | 58 | | | | | | 164 |
| Spence, Ruth Ann | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Sutter Mutual WC | 0 | 0 | 0 | 15717 | 36609 | 40489 | 44184 | | | | | | 136999 |
| Swinford Tract Irrigation Co | 0 | 0 | 0 | 0 | 29 | 27 | 6 | | | | | | 62 |
| Tarke, James, et al | 0 | 0 | 0 | 0 | 36 | 43 | 37 | | | | | | 116 |
| Tisdale Irrigation & Drain | 0 | 0 | 0 | 502 | 1497 | 1522 | 1950 | | | | | | 5471 |
| Wallace Construction, Inc. | 0 | 0 | 0 | 143 | 0 | 545 | 217 | | | | | | 905 |
| Wells, Joyce M | 0 | 0 | 0 | 70 | 141 | 311 | 349 | | | | | | 871 |
| Wilson Ranch Partnership | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | 0 |
| Windswept Land & Livestock Co. | 0 | 0 | 0 | 214 | 505 | 374 | 194 | | | | | | 1287 |
| Total | 0 | 0 | 0 | 174628 | 305832 | 366613 | 354610 | 0 | 0 | 0 | 0 | 0 | 1201683 |

* Data supplied by Willows Field Division, Water and Land Division (long-form contracts only)

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

**Sacramento-San Joaquin Valley - Streamflow Data
2002**

Mean monthly flow in cfs

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|
| Sacramento River | | | | | | | | | | | | |
| Shasta computed inflow | 14182 | 9254 | 9551 | 7866 | 5759 | 3700 | 3475 | | | | | |
| At Keswick | 6960 | 4148 | 5292 | 5526 | 9346 | 12756 | 14603 | | | | | |
| At Bend Bridge | 15587 | 8270 | 8142 | 7098 | 10050 | 12824 | 14353 | | | | | |
| At Vina Bridge | 19635 | 8871 | 8917 | 7130 | 9294 | 11741 | 13463 | | | | | |
| At Ord Ferry | 22050 | 7441 | 7746 | 3278 | 5637 | 7332 | 9060 | | | | | |
| At Colusa | 20772 | 10171 | 10148 | 6353 | 7493 | 8520 | 9828 | | | | | |
| Below Wilkins Slough | 18180 | 10576 | 10620 | 6094 | 6679 | 7268 | 8691 | | | | | |
| At Verona | 34138 | 14345 | 15958 | 9478 | 9145 | 10217 | 14700 | | | | | |
| Sacramento at "I" Street | 36687 | 15849 | 18823 | 13036 | 11394 | 12326 | 17439 | | | | | |
| Miscellaneous Stations | | | | | | | | | | | | |
| Folsom computed inflow | 3901 | 3822 | 4936 | 4573 | 3998 | 2217 | 1245 | | | | | |
| American R at Nimbus Dam | 1460 | 1503 | 2897 | 3640 | 2607 | 2665 | 3306 | | | | | |
| Kings River at Pine Flat | 95 | 602 | 1017 | 1618 | 3176 | 6039 | 5660 | | | | | |
| San Joaquin River | | | | | | | | | | | | |
| At Friant Dam | 93 | 95 | 124 | 159 | 176 | 189 | 231 | | | | | |
| Near Vernalis | 2920 | 2191 | 2411 | 2823 | 3032 | 1753 | 1597 | | | | | |
| Putah Creek | | | | | | | | | | | | |
| Berryessa computed inflow | 1874 | 358 | 348 | 99 | 37 | 0 | 0 | | | | | |
| Putah Creek - Lake Solano | 45 | 16 | 34 | 47 | 43 | 43 | 43 | | | | | |
| Stanislaus River | | | | | | | | | | | | |
| New Melones computed inflow | 1062 | 779 | 1440 | 1804 | 1639 | 935 | 783 | | | | | |
| At Tulloch Dam | 319 | 499 | 902 | 2184 | 2251 | 1965 | 2077 | | | | | |
| At Orange Blossom | 247 | 319 | 338 | 712 | 602 | 317 | 329 | | | | | |

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