

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

AUGUST 2003

FULL NATURAL FLOW OF SAN JOAQUIN RIVER AT FRIANT DAM

RUN DATE: 09/25/2003

| DAY                       | T.A.<br>EDISON<br>LAKE | FLO-<br>RENCE<br>LAKE | HUNT-<br>INGTON<br>LAKE | STORAGE - A.F.<br>SHAVER<br>LAKE | MAM-<br>MOTH<br>POOL | RED-<br>INGER<br>LAKE | CRANE<br>VALLEY | KERCK<br>HOFF | RESERVOIR<br>TOTAL | CHANGE -<br>A.F. | C.F.S. | MIL<br>INFLOW<br>C.F.S | NATURAL<br>RIVER<br>C.F.S | ACCUM *<br>FULL<br>NATURAL<br>1000 A.F. |
|---------------------------|------------------------|-----------------------|-------------------------|----------------------------------|----------------------|-----------------------|-----------------|---------------|--------------------|------------------|--------|------------------------|---------------------------|-----------------------------------------|
| 1                         | 103,919                | 39,778                | 87,936                  | 133,771                          | 81,655               | 24,069                | 43,313          | 3,626         | 518,067            | +254             | +128   | 1,893                  | 2,021                     | 1,408.1                                 |
| 2                         | 103,503                | 40,170                | 87,850                  | 134,065                          | 81,655               | 24,665                | 43,641          | 3,566         | 519,115            | +1,048           | +528   | 1,708                  | 2,236                     | 1,412.5                                 |
| 3                         | 102,982                | 40,439                | 87,736                  | 133,837                          | 78,880               | 25,159                | 43,641          | 3,695         | 516,369            | -2,746           | -1,384 | 1,637                  | 253                       | 1,413.0                                 |
| 4                         | 102,462                | 40,521                | 87,608                  | 133,674                          | 78,880               | 24,868                | 43,676          | 3,731         | 515,420            | -949             | -478   | 2,136                  | 1,658                     | 1,416.3                                 |
| 5                         | 101,943                | 40,464                | 87,183                  | 133,380                          | 77,100               | 25,017                | 43,641          | 3,779         | 512,507            | -2,913           | -1,469 | 1,837                  | 368                       | 1,417.0                                 |
| 6                         | 101,216                | 40,210                | 87,012                  | 133,543                          | 77,100               | 24,665                | 43,641          | 3,536         | 510,923            | -1,584           | -799   | 2,062                  | 1,263                     | 1,419.5                                 |
| 7                         | 100,697                | 39,982                | 86,714                  | 133,315                          | 77,100               | 24,511                | 43,641          | 3,617         | 509,577            | -1,346           | -679   | 1,877                  | 1,198                     | 1,421.9                                 |
| 8                         | 99,974                 | 40,072                | 86,162                  | 133,152                          | 72,593               | 24,705                | 43,628          | 3,676         | 503,962            | -5,615           | -2,831 | 1,915                  | -916                      | 1,420.1                                 |
| 9                         | 99,251                 | 39,729                | 86,516                  | 132,504                          | 70,802               | 25,064                | 43,617          | 3,816         | 501,299            | -2,663           | -1,343 | 1,997                  | 654                       | 1,421.4                                 |
| 10                        | 98,735                 | 39,055                | 87,041                  | 132,310                          | 68,702               | 24,189                | 43,605          | 3,605         | 497,242            | -4,057           | -2,045 | 2,570                  | 525                       | 1,422.4                                 |
| 11                        | 98,015                 | 38,080                | 87,622                  | 131,793                          | 67,443               | 24,403                | 43,617          | 3,769         | 494,742            | -2,500           | -1,260 | 1,747                  | 487                       | 1,423.4                                 |
| 12                        | 97,397                 | 37,081                | 88,079                  | 131,437                          | 66,229               | 24,524                | 43,594          | 3,670         | 492,011            | -2,731           | -1,377 | 1,927                  | 550                       | 1,424.5                                 |
| 13                        | 96,679                 | 36,470                | 88,322                  | 130,952                          | 65,050               | 24,551                | 43,571          | 3,639         | 489,234            | -2,777           | -1,400 | 2,019                  | 619                       | 1,425.7                                 |
| 14                        | 95,962                 | 35,924                | 88,222                  | 130,599                          | 64,021               | 24,477                | 43,571          | 3,719         | 486,495            | -2,739           | -1,381 | 1,724                  | 343                       | 1,426.4                                 |
| 15                        | 95,348                 | 35,170                | 88,179                  | 130,535                          | 62,941               | 24,457                | 43,499          | 3,664         | 483,793            | -2,702           | -1,362 | 1,771                  | 409                       | 1,427.2                                 |
| 16                        | 94,737                 | 34,443                | 88,136                  | 130,471                          | 61,794               | 24,511                | 43,487          | 3,784         | 481,363            | -2,430           | -1,225 | 1,720                  | 495                       | 1,428.2                                 |
| 17                        | 94,023                 | 33,697                | 88,451                  | 130,278                          | 60,482               | 24,296                | 43,475          | 3,605         | 478,307            | -3,056           | -1,541 | 1,800                  | 259                       | 1,428.7                                 |
| 18                        | 93,412                 | 33,249                | 88,322                  | 130,182                          | 59,348               | 24,036                | 43,463          | 3,679         | 475,691            | -2,616           | -1,319 | 1,768                  | 449                       | 1,429.6                                 |
| 19                        | 92,803                 | 32,771                | 88,008                  | 130,022                          | 57,999               | 24,009                | 43,442          | 3,787         | 472,841            | -2,850           | -1,437 | 1,964                  | 527                       | 1,430.6                                 |
| 20                        | 92,093                 | 32,318                | 87,481                  | 129,797                          | 56,643               | 24,136                | 43,418          | 3,821         | 469,707            | -3,134           | -1,580 | 1,832                  | 252                       | 1,431.1                                 |
| 21                        | 91,485                 | 31,905                | 87,140                  | 129,604                          | 55,327               | 24,753                | 43,301          | 3,765         | 467,280            | -2,427           | -1,224 | 1,718                  | 494                       | 1,432.1                                 |
| 22                        | 90,777                 | 31,282                | 87,637                  | 128,995                          | 54,485               | 24,457                | 43,056          | 3,707         | 464,396            | -2,884           | -1,454 | 1,848                  | 394                       | 1,432.9                                 |
| 23                        | 90,069                 | 30,760                | 87,566                  | 128,675                          | 52,891               | 25,064                | 42,775          | 3,793         | 461,593            | -2,803           | -1,413 | 1,972                  | 559                       | 1,434.0                                 |
| 24                        | 89,465                 | 30,277                | 87,537                  | 128,197                          | 51,141               | 25,037                | 42,467          | 3,635         | 457,756            | -3,837           | -1,934 | 2,372                  | 438                       | 1,434.9                                 |
| 25                        | 88,760                 | 29,797                | 87,296                  | 127,687                          | 49,730               | 24,963                | 42,167          | 3,824         | 454,224            | -3,532           | -1,781 | 1,976                  | 195                       | 1,435.3                                 |
| 26                        | 88,057                 | 29,364                | 87,310                  | 127,591                          | 48,488               | 24,726                | 41,883          | 3,739         | 451,158            | -3,066           | -1,546 | 1,950                  | 404                       | 1,436.1                                 |
| 27                        | 87,356                 | 28,924                | 87,438                  | 127,400                          | 46,614               | 24,363                | 41,597          | 3,650         | 447,342            | -3,816           | -1,924 | 1,922                  | -2                        | 1,436.1                                 |
| 28                        | 86,754                 | 28,458                | 87,622                  | 126,794                          | 45,705               | 24,049                | 41,292          | 3,620         | 444,294            | -3,048           | -1,537 | 1,770                  | 233                       | 1,436.5                                 |
| 29                        | 86,156                 | 27,963                | 87,452                  | 126,635                          | 45,422               | 23,519                | 41,010          | 3,582         | 441,739            | -2,555           | -1,288 | 1,751                  | 463                       | 1,437.4                                 |
| 30                        | 85,458                 | 27,208                | 87,168                  | 126,794                          | 45,150               | 24,336                | 40,738          | 3,838         | 440,690            | -1,049           | -529   | 796                    | 267                       | 1,438.0                                 |
| 31                        | 84,761                 | 26,067                | 87,637                  | 126,699                          | 44,405               | 24,464                | 40,422          | 3,742         | 438,197            | -2,493           | -1,257 | 1,502                  | 245                       | 1,438.5                                 |
| TOTALS                    |                        |                       |                         |                                  |                      |                       |                 |               |                    | -79,616          |        |                        | 17,340                    |                                         |
| * October 1, 2002 TO DATE |                        |                       |                         |                                  |                      |                       |                 |               |                    |                  |        |                        | 34,394                    |                                         |