

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

DECEMBER 1999

FULL NATURAL FLOW OF SAN JOAQUIN RIVER AT FRIANT DAM

RUN DATE: January 25, 2000

| 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                         | 60,273                 | 1,083                 | 41,152                  | 103,483                          | 20,469              | 23,394                | 22,603          | 3,956         | 276,413            | -654           | -330   | 582                    | 252                       | 24.5                                    |
| 2                         | 60,185                 | 1,083                 | 40,169                  | 103,463                          | 19,652              | 24,920                | 22,603          | 4,015         | 276,090            | -323           | -163   | 416                    | 253                       | 25.0                                    |
| 3                         | 60,141                 | 1,083                 | 39,282                  | 103,248                          | 19,199              | 25,342                | 22,603          | 3,876         | 274,774            | -1,316         | -663   | 836                    | 172                       | 25.3                                    |
| 4                         | 60,126                 | 1,083                 | 38,525                  | 103,385                          | 18,633              | 25,250                | 22,603          | 4,015         | 273,620            | -1,154         | -582   | 774                    | 192                       | 25.7                                    |
| 5                         | 60,111                 | 1,083                 | 37,815                  | 103,365                          | 18,273              | 25,492                | 22,636          | 3,754         | 272,529            | -1,091         | -550   | 732                    | 182                       | 26.0                                    |
| 6                         | 59,975                 | 1,083                 | 37,210                  | 103,229                          | 17,265              | 24,757                | 22,636          | 3,838         | 269,993            | -2,536         | -1,279 | 1,485                  | 207                       | 26.5                                    |
| 7                         | 59,361                 | 1,083                 | 37,196                  | 103,033                          | 16,705              | 24,726                | 22,603          | 3,724         | 268,431            | -1,562         | -787   | 1,006                  | 219                       | 26.9                                    |
| 8                         | 58,763                 | 1,083                 | 36,986                  | 102,720                          | 15,807              | 25,502                | 22,636          | 3,724         | 267,221            | -1,210         | -610   | 787                    | 177                       | 27.2                                    |
| 9                         | 58,224                 | 1,083                 | 36,919                  | 102,384                          | 15,221              | 25,570                | 22,603          | 3,694         | 265,698            | -1,523         | -768   | 944                    | 177                       | 27.6                                    |
| 10                        | 57,631                 | 1,083                 | 36,814                  | 102,349                          | 14,627              | 25,488                | 22,603          | 3,739         | 264,334            | -1,364         | -688   | 909                    | 221                       | 28.0                                    |
| 11                        | 57,054                 | 1,083                 | 36,747                  | 102,096                          | 14,344              | 25,001                | 22,636          | 3,968         | 262,929            | -1,405         | -708   | 838                    | 130                       | 28.3                                    |
| 12                        | 56,507                 | 1,083                 | 36,785                  | 101,902                          | 13,928              | 25,323                | 22,603          | 3,705         | 261,836            | -1,093         | -551   | 826                    | 275                       | 28.8                                    |
| 13                        | 56,008                 | 1,083                 | 36,919                  | 101,766                          | 13,309              | 25,511                | 22,636          | 3,784         | 261,016            | -820           | -413   | 698                    | 284                       | 29.4                                    |
| 14                        | 55,423                 | 1,083                 | 37,034                  | 101,572                          | 12,940              | 25,365                | 22,661          | 3,694         | 259,772            | -1,244         | -627   | 802                    | 175                       | 29.7                                    |
| 15                        | 54,884                 | 1,083                 | 37,254                  | 102,740                          | 12,849              | 25,323                | 22,661          | 3,416         | 260,210            | +438           | +221   | 801                    | 1,022                     | 31.8                                    |
| 16                        | 54,333                 | 1,083                 | 37,399                  | 102,096                          | 12,659              | 25,064                | 22,695          | 3,984         | 259,313            | -897           | -452   | 650                    | 198                       | 32.2                                    |
| 17                        | 53,797                 | 1,083                 | 37,350                  | 101,708                          | 12,513              | 25,282                | 22,720          | 3,812         | 258,265            | -1,048         | -528   | 795                    | 758                       | 33.7                                    |
| 18                        | 53,239                 | 1,083                 | 37,515                  | 101,126                          | 12,550              | 25,566                | 22,720          | 3,850         | 257,649            | -616           | -311   | 489                    | 178                       | 34.0                                    |
| 19                        | 52,667                 | 1,083                 | 37,680                  | 100,603                          | 12,570              | 25,328                | 22,720          | 3,953         | 256,604            | -1,045         | -527   | 626                    | 99                        | 34.2                                    |
| 20                        | 52,236                 | 1,083                 | 37,747                  | 100,062                          | 12,564              | 24,789                | 22,753          | 3,709         | 254,943            | -1,661         | -837   | 1,216                  | 379                       | 35.0                                    |
| 21                        | 52,002                 | 1,083                 | 37,602                  | 99,407                           | 12,452              | 25,110                | 23,308          | 3,605         | 254,569            | -374           | -189   | 643                    | 454                       | 35.9                                    |
| 22                        | 51,657                 | 1,083                 | 37,005                  | 98,426                           | 12,038              | 25,287                | 23,308          | 3,576         | 252,380            | -2,189         | -1,104 | 1,165                  | 40                        | 36.0                                    |
| 23                        | 51,422                 | 1,083                 | 36,709                  | 97,487                           | 12,292              | 25,365                | 23,358          | 3,576         | 251,292            | -1,088         | -549   | 660                    | 111                       | 36.2                                    |
| 24                        | 51,160                 | 1,083                 | 36,728                  | 96,913                           | 12,533              | 25,046                | 23,360          | 3,546         | 250,369            | -923           | -465   | 792                    | 327                       | 36.8                                    |
| 25                        | 50,886                 | 1,083                 | 36,547                  | 96,244                           | 12,760              | 25,465                | 23,383          | 3,546         | 249,914            | -455           | -229   | 387                    | 158                       | 37.1                                    |
| 26                        | 50,613                 | 1,083                 | 36,308                  | 95,521                           | 13,005              | 25,246                | 23,392          | 3,754         | 248,922            | -992           | -500   | 637                    | 137                       | 37.4                                    |
| 27                        | 50,340                 | 1,083                 | 36,176                  | 94,701                           | 13,231              | 24,933                | 23,400          | 3,620         | 247,484            | -1,438         | -725   | 801                    | 76                        | 37.6                                    |
| 28                        | 50,067                 | 1,083                 | 35,987                  | 93,813                           | 13,458              | 24,838                | 23,425          | 3,590         | 246,261            | -1,223         | -617   | 896                    | 279                       | 38.1                                    |
| 29                        | 49,972                 | 1,083                 | 35,591                  | 93,228                           | 13,449              | 24,897                | 23,434          | 3,584         | 245,238            | -1,023         | -516   | 631                    | 115                       | 38.3                                    |
| 30                        | 49,972                 | 1,083                 | 35,581                  | 92,494                           | 13,869              | 25,073                | 23,434          | 3,488         | 244,994            | -244           | -123   | 530                    | 407                       | 39.1                                    |
| 31                        | 49,958                 | 1,083                 | 35,582                  | 91,711                           | 13,998              | 24,802                | 23,451          | 3,860         | 244,445            | -549           | -277   | 550                    | 273                       | 39.7                                    |
| TOTALS                    |                        |                       |                         |                                  |                     |                       |                 |               |                    | -32,622        |        |                        | 7,927                     |                                         |
| * October 1, 1999 TO DATE |                        |                       |                         |                                  |                     |                       |                 |               |                    |                |        |                        | 15,723                    |                                         |