

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

DECEMBER 2016

FULL NATURAL FLOW OF SAN JOAQUIN RIVER AT FRIANT DAM

RUN DATE: 01/01/2017

| DAY                       | T.A.<br>EDISON<br>LAKE | FLO-<br>RENCE<br>LAKE | HUNT-<br>INGTON<br>LAKE | STORAGE -<br>SHAVER<br>LAKE | A.F.<br>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                         | 54,656                 | 11,306                | 27,469                  | 105,685                     | 34,901                       | 19,078                | 27,077          | 3,731         | 283,903            | -2,222             | -1,120  | 1,565                  | 445                       | 114.2                                   |
| 2                         | 54,325                 | 11,331                | 27,367                  | 104,760                     | 33,635                       | 18,773                | 26,786          | 3,906         | 280,883            | -3,020             | -1,523  | 1,817                  | 294                       | 114.8                                   |
| 3                         | 54,030                 | 11,368                | 27,339                  | 104,074                     | 32,369                       | 19,054                | 26,543          | 3,712         | 278,489            | -2,394             | -1,207  | 1,572                  | 365                       | 115.5                                   |
| 4                         | 53,845                 | 11,414                | 27,325                  | 103,376                     | 31,327                       | 19,446                | 26,284          | 3,882         | 276,899            | -1,590             | -802    | 1,453                  | 651                       | 116.8                                   |
| 5                         | 53,523                 | 11,456                | 27,298                  | 102,623                     | 30,565                       | 18,888                | 26,021          | 3,725         | 274,099            | -2,800             | -1,412  | 1,906                  | 494                       | 117.8                                   |
| 6                         | 53,095                 | 11,489                | 27,265                  | 102,015                     | 29,929                       | 18,450                | 25,762          | 3,450         | 271,455            | -2,644             | -1,333  | 1,558                  | 225                       | 118.2                                   |
| 7                         | 52,795                 | 11,518                | 27,220                  | 101,267                     | 29,071                       | 18,942                | 25,505          | 3,572         | 269,890            | -1,565             | -789    | 1,093                  | 304                       | 118.8                                   |
| 8                         | 52,638                 | 11,585                | 27,442                  | 101,193                     | 29,096                       | 18,824                | 25,320          | 3,566         | 269,664            | -226               | -114    | 1,121                  | 1,007                     | 120.8                                   |
| 9                         | 52,304                 | 11,649                | 27,805                  | 101,120                     | 29,634                       | 18,597                | 25,047          | 3,401         | 269,557            | -107               | -54     | 845                    | 791                       | 122.4                                   |
| 10                        | 52,153                 | 11,804                | 28,241                  | 101,179                     | 30,487                       | 17,935                | 24,933          | 3,556         | 270,288            | +731               | +369    | 1,013                  | 1,382                     | 125.1                                   |
| 11                        | 51,994                 | 11,981                | 28,692                  | 101,208                     | 32,764                       | 18,148                | 24,829          | 3,515         | 273,131            | +2,843             | +1,433  | 866                    | 2,299                     | 129.7                                   |
| 12                        | 51,675                 | 12,097                | 28,983                  | 101,032                     | 34,021                       | 17,835                | 24,596          | 3,539         | 273,778            | +647               | +326    | 1,015                  | 1,341                     | 132.4                                   |
| 13                        | 51,427                 | 11,916                | 29,517                  | 100,727                     | 34,908                       | 17,917                | 24,544          | 3,458         | 274,414            | +636               | +321    | 776                    | 1,097                     | 134.5                                   |
| 14                        | 51,103                 | 11,380                | 30,389                  | 100,311                     | 35,635                       | 17,814                | 24,968          | 3,604         | 275,204            | +790               | +398    | 758                    | 1,156                     | 136.8                                   |
| 15                        | 51,136                 | 11,180                | 31,733                  | 100,856                     | 39,035                       | 17,732                | 25,673          | 3,600         | 280,945            | +5,741             | +2,894  | 972                    | 3,866                     | 144.5                                   |
| 16                        | 50,891                 | 11,114                | 33,289                  | 101,722                     | 50,835                       | 22,059                | 27,214          | 3,960         | 301,084            | +20,139            | +10,153 | 3,275                  | 13,428                    | 171.1                                   |
| 17                        | 50,583                 | 10,696                | 34,397                  | 101,722                     | 54,157                       | 22,100                | 27,479          | 3,960         | 305,094            | +4,010             | +2,022  | 1,167                  | 3,189                     | 177.5                                   |
| 18                        | 50,404                 | 10,289                | 35,366                  | 101,662                     | 55,728                       | 21,972                | 27,645          | 3,621         | 306,687            | +1,593             | +803    | 1,134                  | 1,937                     | 181.3                                   |
| 19                        | 50,238                 | 9,879                 | 36,266                  | 101,561                     | 56,702                       | 21,792                | 27,765          | 3,717         | 307,920            | +1,233             | +622    | 1,005                  | 1,627                     | 184.5                                   |
| 20                        | 49,997                 | 9,442                 | 37,220                  | 101,473                     | 57,485                       | 21,458                | 27,868          | 3,599         | 308,542            | +622               | +314    | 1,040                  | 1,354                     | 187.2                                   |
| 21                        | 49,716                 | 8,973                 | 38,080                  | 101,281                     | 57,745                       | 21,097                | 27,952          | 3,743         | 308,587            | +45                | +23     | 1,315                  | 1,338                     | 189.9                                   |
| 22                        | 49,411                 | 8,471                 | 38,977                  | 101,134                     | 56,910                       | 20,625                | 28,036          | 3,556         | 307,120            | -1,467             | -740    | 1,856                  | 1,116                     | 192.1                                   |
| 23                        | 49,266                 | 8,013                 | 39,889                  | 101,032                     | 56,505                       | 20,516                | 28,231          | 3,787         | 307,239            | +119               | +60     | 1,558                  | 1,618                     | 195.3                                   |
| 24                        | 48,922                 | 7,505                 | 40,757                  | 100,547                     | 56,246                       | 20,713                | 28,332          | 3,750         | 306,772            | -467               | -235    | 1,552                  | 1,317                     | 197.9                                   |
| 25                        | 48,598                 | 7,027                 | 41,606                  | 100,165                     | 55,909                       | 20,447                | 28,406          | 3,670         | 305,828            | -944               | -476    | 1,628                  | 1,152                     | 200.2                                   |
| 26                        | 48,384                 | 6,562                 | 42,375                  | 99,772                      | 55,309                       | 20,441                | 28,461          | 3,597         | 304,901            | -927               | -467    | 1,497                  | 1,030                     | 202.2                                   |
| 27                        | 48,180                 | 6,152                 | 43,057                  | 99,465                      | 54,037                       | 19,540                | 28,535          | 3,858         | 302,824            | -2,077             | -1,047  | 2,076                  | 1,029                     | 204.3                                   |
| 28                        | 47,866                 | 5,720                 | 43,820                  | 99,218                      | 53,603                       | 19,626                | 28,591          | 3,769         | 302,213            | -611               | -308    | 1,407                  | 1,099                     | 206.5                                   |
| 29                        | 47,606                 | 5,443                 | 44,565                  | 98,957                      | 53,208                       | 20,165                | 28,657          | 3,511         | 302,112            | -101               | -51     | 1,085                  | 1,034                     | 208.5                                   |
| 30                        | 47,273                 | 5,353                 | 45,030                  | 98,694                      | 52,799                       | 20,360                | 28,703          | 3,574         | 301,786            | -326               | -164    | 1,171                  | 1,007                     | 210.5                                   |
| 31                        | 47,107                 | 5,246                 | 45,508                  | 98,505                      | 52,344                       | 20,283                | 28,759          | 3,627         | 301,379            | -407               | -205    | 1,315                  | 1,110                     | 212.7                                   |
| TOTALS                    |                        |                       |                         |                             |                              |                       |                 |               |                    | 15,254             |         |                        | 50,102                    |                                         |
| * October 1, 2016 TO DATE |                        |                       |                         |                             |                              |                       |                 |               |                    |                    |         |                        | 99,377                    |                                         |