

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

DECEMBER 2017

FULL NATURAL FLOW OF SAN JOAQUIN RIVER AT FRIANT DAM

RUN DATE: 01/01/2018

| 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                         | 51,223                 | 1,114                 | 64,705                  | 76,438                           | 9,225                | 22,202                | 24,544          | 4,111         | 253,562            | -1,692                    | -853                   | 1,607                     | 62.4                                    |
| 2                         | 50,808                 | 1,107                 | 64,285                  | 75,584                           | 9,199                | 22,115                | 24,267          | 4,130         | 251,495            | -2,067                    | -1,042                 | 1,604                     | 63.5                                    |
| 3                         | 50,408                 | 1,098                 | 63,906                  | 74,743                           | 9,151                | 22,090                | 23,992          | 4,113         | 249,501            | -1,994                    | -1,005                 | 1,553                     | 64.6                                    |
| 4                         | 50,127                 | 1,068                 | 63,581                  | 73,886                           | 8,853                | 21,961                | 23,679          | 4,116         | 247,271            | -2,230                    | -1,124                 | 1,487                     | 65.3                                    |
| 5                         | 49,768                 | 1,073                 | 63,321                  | 73,079                           | 8,622                | 21,923                | 22,660          | 4,146         | 244,592            | -2,679                    | -1,351                 | 1,499                     | 65.6                                    |
| 6                         | 49,479                 | 1,083                 | 63,001                  | 72,167                           | 8,576                | 21,846                | 22,386          | 4,044         | 242,582            | -2,010                    | -1,013                 | 1,408                     | 66.4                                    |
| 7                         | 49,156                 | 1,082                 | 62,746                  | 71,458                           | 8,748                | 21,705                | 22,066          | 4,127         | 241,088            | -1,494                    | -753                   | 1,219                     | 67.3                                    |
| 8                         | 48,732                 | 1,078                 | 62,462                  | 70,605                           | 8,838                | 21,644                | 21,780          | 4,147         | 239,286            | -1,802                    | -908                   | 1,321                     | 68.1                                    |
| 9                         | 48,429                 | 1,074                 | 62,242                  | 70,112                           | 9,268                | 21,597                | 21,683          | 3,863         | 238,268            | -1,018                    | -513                   | 1,251                     | 69.6                                    |
| 10                        | 48,160                 | 1,068                 | 62,043                  | 69,377                           | 9,801                | 21,708                | 21,707          | 3,434         | 237,298            | -970                      | -489                   | 1,025                     | 70.6                                    |
| 11                        | 47,812                 | 1,067                 | 61,828                  | 68,781                           | 10,123               | 21,715                | 21,731          | 3,559         | 236,616            | -682                      | -344                   | 684                       | 71.3                                    |
| 12                        | 47,473                 | 1,067                 | 61,520                  | 68,368                           | 10,093               | 21,996                | 21,756          | 3,865         | 236,138            | -478                      | -241                   | 664                       | 72.1                                    |
| 13                        | 47,184                 | 1,067                 | 61,295                  | 68,027                           | 10,084               | 22,054                | 21,772          | 3,960         | 235,443            | -695                      | -350                   | 723                       | 72.9                                    |
| 14                        | 46,834                 | 1,068                 | 61,145                  | 67,594                           | 10,061               | 21,910                | 21,804          | 4,058         | 234,474            | -969                      | -489                   | 865                       | 73.6                                    |
| 15                        | 46,513                 | 1,067                 | 60,970                  | 67,330                           | 10,063               | 21,836                | 21,829          | 3,743         | 233,351            | -1,123                    | -566                   | 931                       | 74.3                                    |
| 16                        | 46,188                 | 1,063                 | 60,733                  | 66,969                           | 10,149               | 21,868                | 21,854          | 3,850         | 232,674            | -677                      | -341                   | 715                       | 75.1                                    |
| 17                        | 45,795                 | 1,056                 | 60,515                  | 66,585                           | 10,247               | 21,875                | 21,862          | 3,730         | 231,665            | -1,009                    | -509                   | 813                       | 75.7                                    |
| 18                        | 45,514                 | 1,062                 | 60,397                  | 66,261                           | 10,324               | 21,785                | 21,894          | 3,782         | 231,019            | -646                      | -326                   | 746                       | 76.5                                    |
| 19                        | 45,294                 | 1,059                 | 60,206                  | 65,952                           | 10,484               | 21,715                | 21,910          | 3,679         | 230,299            | -720                      | -363                   | 835                       | 77.5                                    |
| 20                        | 44,929                 | 1,053                 | 59,932                  | 65,561                           | 10,612               | 21,724                | 21,959          | 3,802         | 229,572            | -727                      | -367                   | 658                       | 78.0                                    |
| 21                        | 44,824                 | 1,034                 | 59,678                  | 65,180                           | 10,674               | 21,641                | 21,976          | 3,673         | 228,680            | -892                      | -450                   | 741                       | 78.6                                    |
| 22                        | 44,739                 | 1,045                 | 59,155                  | 64,354                           | 10,495               | 22,147                | 21,992          | 3,632         | 227,559            | -1,121                    | -565                   | 811                       | 79.1                                    |
| 23                        | 44,562                 | 1,056                 | 58,699                  | 63,556                           | 10,797               | 21,881                | 22,025          | 3,790         | 226,366            | -1,193                    | -601                   | 1,106                     | 80.1                                    |
| 24                        | 44,417                 | 1,059                 | 58,242                  | 62,751                           | 11,246               | 21,968                | 22,049          | 3,547         | 225,279            | -1,087                    | -548                   | 982                       | 81.0                                    |
| 25                        | 44,261                 | 1,058                 | 57,844                  | 61,952                           | 11,677               | 22,096                | 22,074          | 3,519         | 224,481            | -798                      | -402                   | 808                       | 81.8                                    |
| 26                        | 44,090                 | 1,055                 | 57,411                  | 61,125                           | 11,907               | 21,942                | 22,107          | 3,692         | 223,329            | -1,152                    | -581                   | 931                       | 82.5                                    |
| 27                        | 43,898                 | 1,053                 | 56,941                  | 60,312                           | 11,821               | 22,016                | 22,115          | 3,775         | 221,931            | -1,398                    | -705                   | 1,119                     | 83.3                                    |
| 28                        | 43,744                 | 1,053                 | 56,500                  | 59,464                           | 11,717               | 22,173                | 22,148          | 3,751         | 220,550            | -1,381                    | -696                   | 1,097                     | 84.1                                    |
| 29                        | 43,557                 | 1,047                 | 56,033                  | 58,674                           | 11,627               | 21,987                | 22,172          | 3,470         | 218,567            | -1,983                    | -1,000                 | 1,258                     | 84.6                                    |
| 30                        | 43,370                 | 1,047                 | 55,619                  | 58,228                           | 11,873               | 21,502                | 22,197          | 3,450         | 217,286            | -1,281                    | -646                   | 1,081                     | 85.5                                    |
| 31                        | 43,221                 | 974                   | 55,184                  | 57,748                           | 12,253               | 21,355                | 22,213          | 3,502         | 216,450            | -836                      | -421                   | 741                       | 86.1                                    |
| TOTALS                    |                        |                       |                         |                                  |                      |                       |                 |               |                    | -38,804                   |                        | 12,721                    |                                         |
| * October 1, 2017 TO DATE |                        |                       |                         |                                  |                      |                       |                 |               |                    |                           |                        | 25,232                    |                                         |