

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

JULY 2019

FULL NATURAL FLOW OF SAN JOAQUIN RIVER AT FRIANT DAM

RUN DATE: 08/01/2019

| 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                         | 94,546                 | 57,955                | 88,207                  | 114,577                          | 122,637              | 23,946                | 43,288          | 3,644         | 548,800            | +826               | +416   | 7,580                  | 7,996                     | 2,306.8                                 |
| 2                         | 95,497                 | 57,808                | 87,679                  | 114,315                          | 122,419              | 23,819                | 43,311          | 3,637         | 548,485            | -315               | -159   | 8,043                  | 7,884                     | 2,322.4                                 |
| 3                         | 96,757                 | 57,452                | 87,395                  | 114,113                          | 122,247              | 23,876                | 43,334          | 3,653         | 548,827            | +342               | +172   | 7,548                  | 7,720                     | 2,337.7                                 |
| 4                         | 98,136                 | 56,958                | 87,505                  | 114,037                          | 122,087              | 24,102                | 43,334          | 3,653         | 549,812            | +985               | +497   | 6,729                  | 7,226                     | 2,352.0                                 |
| 5                         | 99,430                 | 56,827                | 87,550                  | 113,775                          | 121,939              | 23,423                | 43,393          | 3,632         | 549,969            | +157               | +79    | 7,089                  | 7,168                     | 2,366.3                                 |
| 6                         | 100,849                | 56,917                | 87,546                  | 113,637                          | 122,078              | 24,309                | 43,416          | 3,630         | 552,382            | +2,413             | +1,217 | 5,913                  | 7,130                     | 2,380.4                                 |
| 7                         | 102,169                | 56,903                | 87,488                  | 113,528                          | 121,927              | 24,142                | 43,440          | 3,661         | 553,258            | +876               | +442   | 6,303                  | 6,745                     | 2,393.8                                 |
| 8                         | 103,386                | 56,708                | 87,377                  | 113,405                          | 121,731              | 23,943                | 43,476          | 3,667         | 553,693            | +435               | +219   | 6,099                  | 6,318                     | 2,406.3                                 |
| 9                         | 104,479                | 57,746                | 87,295                  | 113,083                          | 121,503              | 23,946                | 43,487          | 3,660         | 555,199            | +1,506             | +759   | 6,022                  | 6,781                     | 2,419.8                                 |
| 10                        | 105,053                | 59,923                | 87,282                  | 112,807                          | 121,382              | 23,453                | 43,511          | 3,636         | 557,047            | +1,848             | +932   | 5,717                  | 6,649                     | 2,433.0                                 |
| 11                        | 105,748                | 60,943                | 87,399                  | 112,606                          | 121,796              | 23,731                | 43,534          | 3,593         | 559,350            | +2,303             | +1,161 | 5,043                  | 6,204                     | 2,445.3                                 |
| 12                        | 106,211                | 60,510                | 87,455                  | 112,407                          | 122,074              | 23,983                | 43,546          | 3,633         | 559,819            | +469               | +236   | 6,020                  | 6,256                     | 2,457.7                                 |
| 13                        | 106,744                | 60,099                | 87,505                  | 112,298                          | 121,779              | 23,770                | 43,558          | 3,643         | 559,396            | -423               | -213   | 6,633                  | 6,420                     | 2,470.4                                 |
| 14                        | 107,192                | 59,718                | 87,460                  | 112,161                          | 121,542              | 23,625                | 43,558          | 3,666         | 558,922            | -474               | -239   | 6,040                  | 5,801                     | 2,481.9                                 |
| 15                        | 107,716                | 59,429                | 86,964                  | 113,528                          | 121,069              | 23,612                | 43,546          | 4,008         | 559,872            | +950               | +479   | 5,271                  | 5,750                     | 2,493.3                                 |
| 16                        | 108,440                | 59,083                | 86,490                  | 114,872                          | 120,596              | 23,440                | 43,534          | 3,609         | 560,064            | +192               | +97    | 4,959                  | 5,056                     | 2,503.3                                 |
| 17                        | 109,169                | 59,218                | 86,777                  | 115,972                          | 120,394              | 23,711                | 43,546          | 3,702         | 562,489            | +2,425             | +1,223 | 3,841                  | 5,064                     | 2,513.4                                 |
| 18                        | 109,825                | 59,726                | 87,120                  | 116,735                          | 120,137              | 23,496                | 43,546          | 3,615         | 564,200            | +1,711             | +863   | 3,811                  | 4,674                     | 2,522.7                                 |
| 19                        | 110,450                | 60,227                | 87,433                  | 117,530                          | 119,972              | 23,480                | 43,557          | 3,619         | 566,268            | +2,068             | +1,043 | 3,521                  | 4,564                     | 2,531.7                                 |
| 20                        | 110,575                | 61,085                | 87,586                  | 118,046                          | 120,821              | 23,430                | 43,557          | 3,587         | 568,687            | +2,419             | +1,220 | 2,809                  | 4,029                     | 2,539.7                                 |
| 21                        | 110,374                | 61,839                | 87,759                  | 118,924                          | 120,874              | 24,059                | 43,557          | 3,509         | 570,895            | +2,208             | +1,113 | 3,271                  | 4,384                     | 2,548.4                                 |
| 22                        | 110,126                | 62,025                | 88,016                  | 119,850                          | 120,780              | 24,658                | 43,558          | 3,672         | 572,685            | +1,790             | +902   | 3,235                  | 4,137                     | 2,556.6                                 |
| 23                        | 109,987                | 61,911                | 87,627                  | 120,970                          | 120,942              | 24,383                | 43,558          | 3,576         | 572,954            | +269               | +136   | 3,569                  | 3,705                     | 2,564.0                                 |
| 24                        | 110,004                | 62,139                | 87,374                  | 121,870                          | 120,662              | 24,722                | 43,546          | 3,663         | 573,980            | +1,026             | +517   | 3,848                  | 4,365                     | 2,572.6                                 |
| 25                        | 109,821                | 62,159                | 87,289                  | 122,583                          | 121,326              | 24,305                | 43,546          | 3,577         | 574,606            | +626               | +316   | 4,303                  | 4,619                     | 2,581.8                                 |
| 26                        | 109,651                | 62,725                | 86,998                  | 123,189                          | 120,995              | 24,719                | 43,546          | 4,107         | 575,930            | +1,324             | +668   | 4,665                  | 5,333                     | 2,592.4                                 |
| 27                        | 109,532                | 62,782                | 86,855                  | 123,649                          | 120,527              | 24,588                | 43,546          | 3,707         | 575,186            | -744               | -375   | 5,071                  | 4,696                     | 2,601.7                                 |
| 28                        | 109,108                | 62,360                | 86,611                  | 124,127                          | 120,156              | 24,440                | 43,546          | 3,554         | 573,902            | -1,284             | -647   | 4,286                  | 3,639                     | 2,608.9                                 |
| 29                        | 108,688                | 61,533                | 86,526                  | 124,573                          | 119,924              | 24,112                | 43,546          | 3,738         | 572,640            | -1,262             | -636   | 3,800                  | 3,164                     | 2,615.2                                 |
| 30                        | 108,229                | 60,135                | 87,009                  | 124,958                          | 119,231              | 24,504                | 43,522          | 3,584         | 571,172            | -1,468             | -740   | 3,691                  | 2,951                     | 2,621.0                                 |
| 31                        | 107,627                | 58,557                | 87,384                  | 125,343                          | 118,188              | 24,803                | 43,522          | 3,628         | 569,052            | -2,120             | -1,069 | 3,476                  | 2,407                     | 2,625.8                                 |
| TOTALS                    |                        |                       |                         |                                  |                      |                       |                 |               |                    | 21,078             |        |                        | 168,835                   |                                         |
| * October 1, 2018 TO DATE |                        |                       |                         |                                  |                      |                       |                 |               |                    |                    |        |                        | 334,884                   |                                         |