

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

JULY 2017

FULL NATURAL FLOW OF SAN JOAQUIN RIVER AT FRIANT DAM

RUN DATE: 08/01/2017

| 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                         | 120,512                | 55,505                | 87,197                  | 112,347                          | 123,193              | 23,621                | 45,592          | 3,670         | 571,637            | +314                      | +158                   | 10,098                    | 3,845.0                                 |
| 2                         | 120,356                | 55,464                | 87,090                  | 112,394                          | 123,174              | 23,766                | 45,678          | 3,674         | 571,596            | -41                       | -21                    | 9,990                     | 3,864.8                                 |
| 3                         | 120,371                | 55,409                | 86,975                  | 112,394                          | 123,241              | 23,806                | 45,776          | 3,677         | 571,649            | +53                       | +27                    | 9,945                     | 3,884.6                                 |
| 4                         | 120,373                | 55,388                | 87,099                  | 112,302                          | 123,137              | 23,882                | 45,812          | 3,655         | 571,648            | -1                        | -1                     | 10,094                    | 3,904.6                                 |
| 5                         | 120,149                | 55,140                | 87,036                  | 112,224                          | 123,023              | 23,479                | 45,812          | 3,664         | 570,527            | -1,121                    | -565                   | 10,117                    | 3,923.5                                 |
| 6                         | 119,740                | 55,134                | 86,859                  | 112,163                          | 122,793              | 23,796                | 45,812          | 3,659         | 569,956            | -571                      | -288                   | 9,232                     | 3,941.3                                 |
| 7                         | 119,670                | 55,161                | 86,829                  | 112,210                          | 122,930              | 23,753                | 45,812          | 3,681         | 570,046            | +90                       | +45                    | 9,069                     | 3,959.4                                 |
| 8                         | 119,621                | 55,126                | 87,197                  | 111,949                          | 122,899              | 23,677                | 45,812          | 3,661         | 569,942            | -104                      | -52                    | 9,326                     | 3,977.7                                 |
| 9                         | 119,943                | 55,079                | 87,559                  | 111,613                          | 122,769              | 23,766                | 45,788          | 3,670         | 570,187            | +245                      | +124                   | 9,010                     | 3,995.9                                 |
| 10                        | 119,378                | 54,886                | 87,534                  | 111,201                          | 122,555              | 23,753                | 45,776          | 3,718         | 568,801            | -1,386                    | -699                   | 8,881                     | 4,012.1                                 |
| 11                        | 118,936                | 54,644                | 87,455                  | 111,385                          | 122,327              | 23,538                | 45,763          | 3,728         | 567,776            | -1,025                    | -517                   | 8,335                     | 4,027.6                                 |
| 12                        | 118,570                | 54,356                | 87,364                  | 112,040                          | 122,048              | 23,882                | 45,752          | 3,832         | 567,844            | +68                       | +34                    | 6,962                     | 4,041.5                                 |
| 13                        | 118,265                | 54,287                | 87,448                  | 112,703                          | 121,983              | 23,750                | 45,763          | 3,810         | 568,009            | +165                      | +83                    | 6,732                     | 4,055.0                                 |
| 14                        | 117,781                | 54,171                | 87,528                  | 113,362                          | 121,961              | 23,802                | 45,763          | 3,968         | 568,336            | +327                      | +165                   | 5,680                     | 4,066.6                                 |
| 15                        | 117,482                | 54,040                | 87,602                  | 113,944                          | 121,889              | 23,928                | 45,637          | 3,974         | 568,496            | +160                      | +81                    | 6,631                     | 4,079.9                                 |
| 16                        | 117,158                | 53,972                | 87,487                  | 114,658                          | 121,815              | 24,062                | 45,763          | 3,958         | 568,873            | +377                      | +190                   | 6,442                     | 4,093.1                                 |
| 17                        | 116,878                | 53,876                | 87,729                  | 115,170                          | 121,693              | 24,052                | 45,763          | 3,968         | 569,129            | +256                      | +129                   | 6,315                     | 4,105.8                                 |
| 18                        | 116,468                | 53,507                | 87,503                  | 115,852                          | 121,470              | 23,865                | 45,751          | 3,976         | 568,392            | -737                      | -372                   | 6,058                     | 4,117.1                                 |
| 19                        | 115,881                | 52,956                | 87,698                  | 116,318                          | 121,252              | 23,939                | 45,751          | 3,926         | 567,721            | -671                      | -338                   | 5,621                     | 4,127.6                                 |
| 20                        | 115,402                | 52,374                | 87,644                  | 116,862                          | 121,165              | 23,799                | 45,776          | 3,488         | 566,510            | -1,211                    | -611                   | 5,415                     | 4,137.1                                 |
| 21                        | 115,049                | 51,861                | 87,507                  | 117,659                          | 121,101              | 23,845                | 45,800          | 3,509         | 566,331            | -179                      | -90                    | 5,020                     | 4,146.9                                 |
| 22                        | 114,585                | 51,264                | 87,347                  | 118,315                          | 121,033              | 23,982                | 45,825          | 3,568         | 565,919            | -412                      | -208                   | 4,967                     | 4,156.3                                 |
| 23                        | 114,082                | 50,582                | 87,133                  | 118,958                          | 120,914              | 24,038                | 45,849          | 3,518         | 565,074            | -845                      | -426                   | 4,786                     | 4,165.0                                 |
| 24                        | 113,638                | 49,936                | 87,507                  | 119,382                          | 120,979              | 23,753                | 45,861          | 4,028         | 565,084            | +10                       | +5                     | 4,789                     | 4,174.5                                 |
| 25                        | 113,248                | 49,148                | 87,615                  | 120,042                          | 120,856              | 23,713                | 45,886          | 3,790         | 564,298            | -786                      | -396                   | 4,829                     | 4,183.3                                 |
| 26                        | 112,861                | 48,138                | 87,750                  | 120,483                          | 120,754              | 23,746                | 45,898          | 3,561         | 563,191            | -1,107                    | -558                   | 4,837                     | 4,191.8                                 |
| 27                        | 112,464                | 46,934                | 87,708                  | 121,021                          | 120,905              | 24,516                | 45,910          | 3,646         | 563,104            | -87                       | -44                    | 3,775                     | 4,199.2                                 |
| 28                        | 111,850                | 45,634                | 87,689                  | 121,604                          | 120,556              | 23,885                | 45,910          | 3,817         | 560,945            | -2,159                    | -1,088                 | 4,592                     | 4,206.1                                 |
| 29                        | 111,430                | 44,327                | 87,595                  | 122,190                          | 120,469              | 23,959                | 45,936          | 3,707         | 559,613            | -1,332                    | -672                   | 4,303                     | 4,213.3                                 |
| 30                        | 110,802                | 42,922                | 87,502                  | 122,777                          | 120,385              | 23,905                | 45,935          | 3,640         | 557,868            | -1,745                    | -880                   | 4,080                     | 4,219.7                                 |
| 31                        | 110,355                | 41,475                | 87,517                  | 123,176                          | 120,300              | 23,848                | 45,947          | 3,501         | 556,119            | -1,749                    | -882                   | 4,138                     | 4,226.1                                 |
| TOTALS                    |                        |                       |                         |                                  |                      |                       |                 |               |                    | -15,204                   |                        | 202,402                   |                                         |
| * October 1, 2016 TO DATE |                        |                       |                         |                                  |                      |                       |                 |               |                    |                           |                        | 401,464                   |                                         |