

**APPENDIX B1b**

**Annual Peak Flow at Gages in the Middle Fork American River Project**

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Table 1. Annual Peak Flow at Gages in the Middle Fork American River Project.

## **TABLES**

**Table 1. Annual Peak Flow at Gages in the Middle Fork American River Project<sup>1</sup>.**

| Water Year | Duncan Canyon Creek Near French Meadows, CA |            | Duncan Canyon Creek Below Diversion Dam, Near French Meadows, CA |            | Long Canyon Creek Near French Meadows |            | Rubicon River Near Georgetown, CA |            | Middle Fork American River at French Meadows, CA |            | Middle Fork American River Above Middle Fork Powerhouse Near Foresthill, CA |            | Middle Fork American River Below Interbay Dam Near Foresthill, CA |            | Middle Fork American River Near Foresthill, CA |            |
|------------|---|------------|--|------------|---------------------------------------|------------|-----------------------------------|------------|--|------------|---|------------|---|------------|--|------------|
|            | USGS Gage 11427700                          |            | USGS Gage 11427750   |            | USGS Gage 11433100                    |            | USGS Gage 11431000                |            | USGS Gage 11427500                               |            | USGS Gage 1147760   |            | USGS Gage 11427770  |            | USGS Gage 11433300                             |            |
|            | Flow (cfs)                                  | Date       | Flow (cfs)   | Date       | Flow (cfs)                            | Date       | Flow (cfs)                        | Date       | Flow (cfs)                                       | Date       | Flow (cfs)  | Date       | Flow (cfs)  | Date       | Flow (cfs)                                     | Date       |
| 1943       |   |            |  |            |                                       |            | 7030                              | 15858      |  |            |   |            |   |            |  |            |
| 1944       |   |            |  |            |                                       |            | 3500                              | 16199      |  |            |   |            |   |            |  |            |
| 1945       |   |            |  |            |                                       |            | 12800                             | 16470      |  |            |   |            |   |            |  |            |
| 1946       |   |            |  |            |                                       |            | 4540                              | 16800      |  |            |   |            |   |            |  |            |
| 1947       |   |            |  |            |                                       |            | 4330                              | 17129      |  |            |   |            |   |            |  |            |
| 1948       |   |            |  |            |                                       |            | 4160                              | 17669      |  |            |   |            |   |            |  |            |
| 1949       |   |            |  |            |                                       |            | 4740                              | 18032      |  |            |   |            |   |            |  |            |
| 1950       |   |            |  |            |                                       |            | 5320                              | 18285      |  |            |   |            |   |            |  |            |
| 1951       |   |            |  |            |                                       |            | 44600                             | 18585      |  |            |   |            |   |            |  |            |
| 1952       |   |            |  |            |                                       |            | 5850                              | 19141      | 2100   | 19141      |   |            |   |            |  |            |
| 1953       |   |            |  |            |                                       |            | 9920                              | 19476      | 3310   | 19476      |   |            |   |            |  |            |
| 1954       |   |            |  |            |                                       |            | 11800                             | 19792      | 3240   | 19792      |   |            |   |            |  |            |
| 1955       |   |            |  |            |                                       |            | 3440                              | 20229      | 1040   | 20229      |   |            |   |            |  |            |
| 1956       |   |            |  |            |                                       |            | 51000                             | 20446      | 16300  | 20446      |   |            |   |            |  |            |
| 1957       |   |            |  |            |                                       |            | 11500                             | 20958      | 3510   | 20958      |   |            |   |            |  |            |
| 1958       |   |            |  |            |                                       |            | 8880                              | 21240      | 3010   | 21240      |   |            |   |            |  |            |
| 1959       |   |            |  |            |                                       |            | 3550                              | 21597      | 835  | 21597      |   |            |   |            | 6570   | 21597      |
| 1960       |   |            |  |            |                                       |            | 8980                              | 21954      | 3080   | 21954      |   |            |   |            | 28000  | 21954      |
| 1961       | 260   | 2/9/1961   |  |            | 102                                   | 2/9/1961   | 3750                              | 4/28/1962  | 736  | 2/9/1961   |   |            |   |            | 4560   | 2/10/1961  |
| 1962       | 250   | 4/27/1962  |  |            | 340                                   | 2/9/1962   | 58000                             | 2/1/1963   | 1190   | 4/28/1962  |   |            |   |            | 11300  | 2/10/1962  |
| 1963       | 2720  | 1/31/1963  |  |            | 3540                                  | 2/1/1963   | 5630                              | 11/15/1963 | 21500  | 1/31/1963  |   |            |   |            | 113000   | 2/1/1963   |
| 1964       | 613   | 11/14/1963 |  |            | 262                                   | 11/14/1963 |                                   |            | 2260   | 11/14/1963 |   |            |   |            | 14600  | 11/15/1963 |
| 1965       | 3650  | 12/22/1964 | 3640   | 12/22/1964 | 4690                                  | 12/23/1964 |                                   |            | 1310   | 4/30/1965  |   |            |   |            | 310000   | 12/23/1964 |
| 1966       | 170   | 5/10/1966  | 66   | 5/19/1966  | 107                                   | 11/18/1965 |                                   |            | 418  | 10/22/1965 | 399   | 10/24/1965 | 399   | 10/24/1965 | 1980   | 11/18/1965 |
| 1967       | 575   | 3/16/1967  | 540  | 3/16/1967  | 513                                   | 1/29/1967  |                                   |            | 846  | 6/27/1967  | 1460  | 3/16/1967  | 1250  | 6/22/1967  | 17100  | 3/16/1967  |
| 1968       | 300   | 2/20/1968  | 379  | 2/20/1968  | 590                                   | 2/19/1968  |                                   |            | 56   | 2/20/1968  | 1390  | 2/20/1968  | 520   | 2/20/1968  | 8800   | 2/20/1968  |
| 1969       | 1550  | 1/19/1969  | 1410   | 1/19/1969  | 1610                                  | 1/21/1969  |                                   |            | 518  | 6/14/1969  | 2540  | 1/20/1969  | 2180  | 1/20/1969  | 24700  | 1/20/1969  |
| 1970       | 1910  | 1/21/1970  | 1680   | 1/21/1970  | 2410                                  | 1/21/1970  |                                   |            | 143  | 1/21/1970  | 3900  | 1/21/1970  | 3910  | 1/21/1970  | 34600  | 1/21/1970  |
| 1971       | 268   | 11/25/1970 | 225  | 3/26/1971  | 985                                   | 3/26/1971  |                                   |            | 69   | 3/26/1971  | 1420  | 3/26/1971  | 1100  | 3/31/1971  | 16400  | 3/26/1971  |
| 1972       | 165   | 5/14/1972  | 28   | 3/10/1972  | 199                                   | 2/29/1972  |                                   |            | 132  | 5/22/1972  | 396   | 2/29/1972  | 1560  | 6/7/1972   | 3840   | 2/29/1972  |
| 1973       | 479   | 1/12/1973  | 200  | 1/12/1973  | 962                                   | 1/12/1973  |                                   |            | 68   | 1/16/1973  | 1410  | 1/12/1973  | 1230  | 1/12/1973  | 13500  | 1/12/1973  |
| 1974       | 690   | 1/17/1974  | 320  | 1/17/1974  | 968                                   | 12/29/1973 |                                   |            | 794  | 6/2/1974   | 2110  | 1/17/1974  | 1640  | 1/18/1974  | 16500  | 1/17/1974  |
| 1975       | 347   | 5/31/1975  | 230  | 5/18/1975  | 333                                   | 3/25/1975  |                                   |            | 57   | 3/25/1975  | 945   | 3/25/1975  | 980   | 4/24/1975  | 11200  | 3/25/1975  |
| 1976       | 237   | 10/26/1975 | 197  | 10/26/1975 | 131                                   | 10/26/1975 |                                   |            | 27   | 8/24/1976  | 381   | 10/26/1975 | 86  | 11/18/1975 | 1920   | 10/26/1975 |
| 1977       | 70  | 5/26/1977  | 7.2  | 3/13/1977  | 13                                    | 1/2/1977   |                                   |            | 24   | 9/1/1977   | 97  | 2/21/1977  | 534   | 5/6/1977   | 1160   | 3/11/1977  |
| 1978       | 355   | 12/15/1977 | 304  | 12/15/1977 | 248                                   | 1/16/1978  |                                   |            | 51   | 1/16/1978  | 330   | 1/16/1978  | 246   | 12/15/1977 | 8640   | 1/16/1978  |
| 1979       | 448   | 1/11/1979  | 366  | 1/11/1979  | 496                                   | 1/11/1979  |                                   |            | 56   | 1/11/1979  | 1300  | 1/11/1979  | 1050  | 2/6/1979   | 9930   | 1/11/1979  |
| 1980       | 3080  | 1/13/1980  | 2980   | 1/13/1980  | 3310                                  | 1/13/1980  |                                   |            | 161  | 1/13/1980  | 9860  | 1/13/1980  | 9900  | 1/13/1980  | 66000  | 1/13/1980  |
| 1981       | 263   | 2/14/1981  | 21   | 2/14/1981  | 376                                   | 3/25/1981  |                                   |            | 30   | 3/25/1981  | 549   | 3/25/1981  | 796   | 12/3/1980  | 5420   | 3/25/1981  |
| 1982       | 1930  | 12/20/1981 | 1950   | 12/20/1981 | 2850                                  | 2/16/1982  |                                   |            | 1100   | 2/17/1982  | 3980  | 2/16/1982  | 8090  | 2/16/1982  | 35700  | 12/20/1981 |
| 1983       | 778   | 3/13/1983  | 706  | 6/13/1983  | 1420                                  | 3/13/1983  |                                   |            | 792  | 6/12/1983  | 1060  | 3/13/1983  | 3820  | 3/13/1983  | 42300  | 3/13/1983  |
| 1984       | 1730  | 11/17/1983 | 1290   | 11/17/1983 | 1200                                  | 11/17/1983 |                                   |            | 210  | 1/1/1984   | 1330  | 11/17/1983 | 5390  | 11/17/1983 | 26900  | 11/17/1983 |
| 1985       | 246   | 4/14/1985  | 123  | 11/6/1984  | 138                                   | 11/27/1984 |                                   |            | 93   | 5/15/1985  | 421   | 11/28/1984 | 64  | 12/31/1984 | 3630   | 11/28/1984 |
| 1986       | 3220  | 2/17/1986  | 3180   | 2/17/1986  | 3250                                  | 2/17/1986  |                                   |            | 2870   | 3/8/1986   | 6100  | 2/17/1986  |   |            | 78400  | 2/17/1986  |
| 1987       | 707   | 2/13/1987  | 348  | 2/13/1987  | 298                                   | 2/13/1987  |                                   |            | 30   | 2/13/1987  | 718   | 2/13/1987  |   |            | 5580   | 2/13/1987  |
| 1988       | 371   | 1/5/1988   | 26   | 12/10/1987 | 88                                    | 12/10/1987 |                                   |            | 25   | 9/12/1988  | 173   | 1/11/1988  |   |            | 1430   | 1/11/1988  |
| 1989       | 786   | 11/23/1988 | 494  | 3/8/1989   | 693                                   | 3/8/1989   |                                   |            | 42   | 3/8/1989   | 1150  | 11/23/1988 |   |            | 8350   | 3/25/1989  |
| 1990       | 193   | 1/8/1990   | 21   | 1/8/1990   | 131                                   | 11/25/1989 |                                   |            | 18   | 11/25/1989 | 295   | 11/25/1989 |   |            | 2210   | 11/26/1989 |
| 1991       | 1100  | 3/4/1991   | 924  | 3/4/1991   | 975                                   | 3/4/1991   |                                   |            | 77   | 3/4/1991   | 1980  | 3/4/1991   |   |            | 18000  | 3/4/1991   |
| 1992       | 326   | 2/20/1992  | 60   | 2/20/1992  | 213                                   | 2/20/1992  |                                   |            | 19   | 2/20/1992  | 396   | 2/20/1992  |   |            | 4420   | 2/20/1992  |
| 1993       | 593   | 3/17/1993  | 388  | 3/17/1993  |                                       |            |                                   |            | 60   | 3/17/1993  | 1250  | 1/22/1993  |   |            | 18800  | 1/22/1993  |
| 1994       | 168   | 2/27/1994  | 17   | 3/5/1994   |                                       |            |                                   |            | 64   | 10/4/1993  | 143   | 3/5/1994   |   |            | 1280   | 12/9/1993  |
| 1995       | 1100  | 5/1/1995   | 864  | 5/1/1995   |                                       |            |                                   |            | 1290   | 6/27/1995  | 2010  | 5/1/1995   |   |            | 27800  | 5/1/1995   |
| 1996       | 1510  | 5/16/1996  | 1040   | 5/16/1996  |                                       |            |                                   |            | 6050   | 5/16/1996  | 6840  | 5/16/1996  |   |            | 37800  | 5/16/1996  |
| 1997       | 3630  | 1/1/1997   | 3360   | 1/1/1997   |                                       |            |                                   |            | 4140   | 1/2/1997   | 13900   | 1/2/1997   |   |            | 123000   | 1/2/1997   |
| 1998       | 752   | 3/24/1998  | 697  | 3/24/1998  |                                       |            |                                   |            | 1570   | 6/10/1998  | 1690  | 3/24/1998  |   |            | 14200  | 3/24/1998  |
| 1999       | 590   | 5/24/1999  | 281  | 5/24/1999  |                                       |            |                                   |            | 672  | 4/30/1999  | 1270  | 2/9/1999   |   |            | 15800  | 2/9/1999   |
| 2000       | 621   | 1/24/2000  | 409  | 2/14/2000  |                                       |            |                                   |            | 105  | 2/14/2000  | 1340  | 2/14/2000  |   |            | 15700  | 2/14/2000  |
| 2001       | 199   | 4/26/2001  | 32   | 3/25/2001  |                                       |            |                                   |            | 29   | 12/12/2000 | 251   | 3/25/2001  |   |            | 1710   | 3/25/2001  |
| 2002       | 325   | 4/14/2002  | 97   | 11/24/2001 |                                       |            |                                   |            | 66   | 10/6/2001  | 525   | 3/6/2002   |   |            | 3990   | 2/20/2002  |
| 2003       | 549   | 12/14/2002 | 342  | 12/14/2002 |                                       |            |                                   |            | 45   | 5/4/2003   | 657   | 12/14/2002 |   |            | 4510   | 5/4/2003   |
| 2004       | 536   | 2/16/2004  | 201  | 2/16/2004  |                                       |            |                                   |            | 52   | 2/16/2004  | 492   | 2/16/2004  |   |            | 5750   | 8/5/2004   |
| 2005       | 1170  | 5/19/2005  | 1030   | 5/19/2005  |                                       |            |                                   |            | 708  | 5/24/2005  | 1620  | 5/19/2005  |   |            | 10400  | 5/19/2005  |
| 2006       | 3100  | 12/31/2005 | 2940   | 12/31/2005 |                                       |            |                                   |            | 644  | 5/18/2006  | 4050  | 12/31/2005 |   |            | 53300  | 12/31/2005 |
| 2007       | 845   | 2/10/2007  | 611  | 2/11/2007  |                                       |            |                                   |            | 119  | 10/22/2006 | 1290  | 2/11/2007  |   |            | 7200   | 2/11/2007  |
| 2008       | 318   | 1/4/2008   | 86   | 5/19/2008  |                                       |            |                                   |            | 183  | 5/27/2008  | 334   | 1/4/2008   |   |            | 2950   | 1/4/2008   |
| 2009       | 1120  | 5/5/2009   | 765  | 5/5/2009   |                                       |            |                                   |            | 93   | 3/2/2009   | 1530  | 3/2/2009   |   |            | 11500  | 3/2/2009   |

<sup>1</sup> Provided for dates when data available at gages.