

**USGS Water-Year Summary**

[**11377100**](https://waterdata.usgs.gov/nwis/inventory?agency_code=USGS&site_no=11377100) **Sacramento River**

**above Bend Bridge, near Red Bluff, CA**

**LOCATION** - Lat 40°17'19", long 122°11'08" referenced to North American Datum of 1927, in NW 1/4 NE 1/4 sec.15, T.28 N., R.3 W., Tehama County, CA, Hydrologic Unit 18020103, on left bank, 2.7 mi upstream from Bend Bridge, 7.7 mi upstream from Paynes Creek, and 8.1 mi northeast of Red Bluff.

**DRAINAGE AREA** - 8,900 mi², excluding Goose Lake Basin.

**SURFACE-WATER RECORDS**

**PERIOD OF RECORD** - October 1891 to current year. Monthly discharges only for some periods and yearly estimates for some incomplete years, published in WSP 1315-A. Published as "at Red Bluff" 1894-96, as "at Jellys Ferry" 1895-1902, and as "near Red Bluff" 1903-68 (station 11378000).

**GAGE** - Water-stage recorder and crest-stage gage. Datum of gage is 285.77 ft above NGVD of 1929. See WSP 2131 for history of changes prior to September 1968.

**REMARKS** - Records good. Flow completely regulated by Shasta Lake (station 11370000), 52 mi upstream, since Dec. 30, 1943. Diversions, in addition to those on tributaries, for irrigation of about 22,000 acres between stations at Keswick and above Bend Bridge. Trans-basin diversion from Trinity River to Whiskeytown Lake (station 11371700) via Judge Francis Carr Powerplant (station 11525430) started in April 1963. See schematic diagrams of upper Sacramento River and Battle Creek and Cow Creek Basins available from the California Water Science Center.

**EXTREMES FOR PERIOD OF RECORD** - Maximum discharge, 291,000 ft³/s, Feb. 28, 1940, gage height, 38.9 ft, site and datum then in use, from rating curve extended above 170,000 ft³/s, on basis of velocity-area studies. Since regulation by Shasta Lake in 1943, maximum discharge, 170,000 ft³/s, Dec. 22, 1964, gage height, 28.15 ft, site and datum then in use, maximum gage height, 36.60 ft, Jan. 24, 1970; minimum (since water year 1892), 2,000 ft³/s, Mar. 29, 1944.

|  |
| --- |
| **00060, Discharge, cubic feet per second,** |
| **YEAR** | **Monthly mean in ft3/s   (Calculation Period: 1891-10-01 -> 2016-10-31)**  |
| **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** |
| **1891** |  |  |  |  |  |  |  |  |  | 5,810 | 5,969 | 8,124 |
| **1892** | 10,360 | 14,680 | 11,830 | 19,190 | 19,950 | 9,743 | 6,802 | 5,673 | 5,778 | 7,007 | 11,420 | 42,780 |
| **1893** | 20,470 | 23,970 | 37,040 | 38,680 | 24,420 | 14,890 | 10,170 | 9,050 | 8,481 | 7,500 | 7,500 | 11,500 |
| **1894** | 24,620 | 18,720 | 21,360 | 19,880 | 13,020 | 10,620 | 6,799 | 5,783 | 5,652 | 6,779 | 6,318 | 20,850 |
| **1895** | 39,710 | 22,660 | 27,100 | 23,810 | 24,520 | 12,760 | 7,533 | 5,942 | 6,193 | 5,578 | 5,809 | 7,326 |
| **1896** | 45,320 | 14,370 | 22,090 | 23,620 | 27,910 | 13,260 | 7,229 | 5,912 | 5,708 | 5,654 | 11,050 | 20,790 |
| **1897** | 14,390 | 35,710 | 21,600 | 22,650 | 13,720 | 8,051 | 6,344 | 5,610 | 5,480 | 5,753 | 6,270 | 8,238 |
| **1898** | 6,129 | 12,490 | 9,602 | 6,823 | 6,634 | 6,669 | 4,904 | 4,566 | 4,573 | 4,847 | 4,982 | 5,147 |
| **1899** | 13,750 | 7,102 | 21,110 | 11,020 | 7,328 | 6,657 | 4,974 | 4,555 | 4,550 | 5,585 | 14,780 | 14,640 |
| **1900** | 29,560 | 11,870 | 23,320 | 12,210 | 9,835 | 5,973 | 4,766 | 4,380 | 4,548 | 6,840 | 8,565 | 15,780 |
| **1901** | 21,000 | 34,180 | 20,620 | 11,040 | 10,110 | 6,078 | 4,898 | 4,424 | 4,482 | 4,748 | 8,170 | 12,450 |
| **1902** | 5,860 | 69,240 | 27,040 | 21,560 | 17,320 | 9,377 | 5,437 | 4,895 | 4,207 | 5,168 | 19,210 | 17,020 |
| **1903** | 25,100 | 16,580 | 31,160 | 18,320 | 10,340 | 6,244 | 4,818 | 4,165 | 4,017 | 4,553 | 21,420 | 12,540 |
| **1904** | 14,120 | 45,820 | 73,280 | 38,810 | 24,540 | 11,870 | 8,155 | 5,992 | 6,219 | 10,910 | 8,801 | 13,640 |
| **1905** | 31,500 | 26,430 | 30,670 | 18,210 | 12,250 | 8,140 | 5,737 | 4,958 | 4,772 | 4,865 | 5,306 | 5,762 |
| **1906** | 20,410 | 23,820 | 42,310 | 25,930 | 18,990 | 17,640 | 8,056 | 5,970 | 5,679 | 5,544 | 6,203 | 15,020 |
| **1907** | 21,520 | 45,410 | 55,070 | 32,170 | 15,450 | 12,160 | 7,553 | 6,263 | 5,828 | 5,872 | 6,198 | 11,620 |
| **1908** | 20,990 | 23,600 | 15,030 | 11,930 | 10,700 | 7,554 | 5,569 | 4,830 | 4,714 | 5,234 | 6,056 | 6,373 |
| **1909** | 72,340 | 63,120 | 25,490 | 19,490 | 13,790 | 9,894 | 6,837 | 5,708 | 5,558 | 6,245 | 12,260 | 16,140 |
| **1910** | 16,170 | 21,750 | 28,930 | 16,010 | 9,308 | 6,314 | 5,323 | 4,865 | 4,936 | 5,175 | 6,508 | 10,220 |
| **1911** | 17,120 | 23,850 | 33,260 | 24,900 | 16,210 | 10,740 | 6,548 | 5,380 | 5,169 | 5,415 | 5,524 | 5,555 |
| **1912** | 11,750 | 10,130 | 14,850 | 11,520 | 15,580 | 8,817 | 5,622 | 4,806 | 5,618 | 5,005 | 9,906 | 8,406 |
| **1913** | 17,520 | 10,810 | 11,400 | 16,630 | 11,680 | 7,181 | 5,544 | 4,882 | 4,453 | 4,545 | 7,390 | 15,540 |
| **1914** | 65,740 | 35,260 | 24,710 | 27,550 | 15,730 | 10,260 | 6,724 | 5,352 | 5,204 | 5,905 | 5,747 | 7,805 |
| **1915** | 19,950 | 55,770 | 28,180 | 26,520 | 27,310 | 12,360 | 7,034 | 5,414 | 5,079 | 5,165 | 5,919 | 15,670 |
| **1916** | 26,500 | 39,550 | 28,860 | 16,740 | 11,000 | 7,955 | 6,682 | 5,081 | 4,965 | 5,232 | 5,633 | 8,352 |
| **1917** | 7,781 | 20,210 | 12,380 | 21,910 | 13,090 | 7,389 | 4,949 | 4,401 | 4,333 | 4,388 | 5,108 | 6,706 |
| **1918** | 5,800 | 10,300 | 17,150 | 12,700 | 6,506 | 4,564 | 3,795 | 3,704 | 4,450 | 5,678 | 5,645 | 5,895 |
| **1919** | 13,390 | 29,210 | 21,820 | 17,540 | 9,419 | 5,148 | 4,293 | 3,949 | 4,039 | 4,456 | 4,263 | 5,757 |
| **1920** | 4,907 | 4,778 | 8,376 | 11,330 | 5,869 | 4,168 | 3,586 | 3,373 | 3,443 | 4,058 | 20,630 | 25,180 |
| **1921** | 34,350 | 27,960 | 25,590 | 15,230 | 11,780 | 7,550 | 4,795 | 4,095 | 4,070 | 4,325 | 4,738 | 8,702 |
| **1922** | 6,812 | 17,130 | 14,070 | 17,470 | 13,460 | 7,039 | 4,288 | 3,815 | 3,709 | 4,556 | 5,577 | 10,360 |
| **1923** | 10,790 | 7,728 | 6,629 | 14,370 | 6,914 | 5,146 | 3,916 | 3,464 | 3,623 | 4,175 | 4,078 | 4,251 |
| **1924** | 4,755 | 8,683 | 4,434 | 4,014 | 3,253 | 2,969 | 2,895 | 2,905 | 2,956 | 3,899 | 7,259 | 7,119 |
| **1925** | 7,297 | 44,790 | 12,630 | 21,020 | 10,290 | 6,197 | 3,653 | 3,491 | 3,771 | 4,023 | 4,476 | 5,468 |
| **1926** | 6,862 | 28,450 | 8,665 | 13,480 | 5,979 | 3,764 | 3,189 | 3,118 | 3,088 | 3,724 | 13,340 | 18,890 |
| **1927** | 19,260 | 46,200 | 21,660 | 24,830 | 11,810 | 6,888 | 4,484 | 3,784 | 3,772 | 3,882 | 10,470 | 8,814 |
| **1928** | 11,500 | 18,080 | 25,480 | 19,600 | 7,875 | 4,734 | 4,041 | 3,573 | 3,585 | 3,798 | 5,553 | 6,067 |
| **1929** | 5,740 | 11,340 | 7,578 | 8,328 | 6,135 | 4,773 | 3,343 | 3,092 | 3,131 | 3,448 | 3,535 | 15,660 |
| **1930** | 10,460 | 15,450 | 17,830 | 9,215 | 7,045 | 4,214 | 3,388 | 3,057 | 3,405 | 3,410 | 3,762 | 3,686 |
| **1931** | 7,466 | 6,771 | 7,215 | 4,599 | 3,448 | 3,125 | 2,622 | 2,505 | 2,583 | 3,119 | 3,577 | 12,680 |
| **1932** | 8,906 | 7,309 | 12,730 | 8,767 | 9,235 | 4,706 | 3,111 | 2,741 | 2,684 | 2,847 | 3,368 | 3,997 |
| **1933** | 6,338 | 5,742 | 17,410 | 10,140 | 8,226 | 5,439 | 3,163 | 2,708 | 5,761 | 3,016 | 3,356 | 8,224 |
| **1934** | 11,970 | 13,140 | 9,824 | 7,040 | 4,927 | 3,526 | 2,803 | 2,575 | 2,551 | 3,004 | 8,123 | 5,522 |
| **1935** | 16,040 | 13,190 | 15,120 | 30,830 | 12,470 | 5,492 | 3,604 | 2,994 | 2,924 | 3,344 | 3,510 | 4,582 |
| **1936** | 23,990 | 28,850 | 12,320 | 11,380 | 7,185 | 6,188 | 3,736 | 3,010 | 2,956 | 3,025 | 3,300 | 3,618 |
| **1937** | 4,142 | 12,000 | 23,100 | 19,130 | 11,280 | 6,793 | 3,797 | 3,033 | 2,948 | 3,853 | 19,570 | 30,440 |
| **1938** | 15,260 | 46,820 | 51,480 | 29,130 | 20,140 | 9,915 | 5,646 | 4,335 | 4,067 | 4,960 | 5,480 | 7,514 |
| **1939** | 6,801 | 7,124 | 11,850 | 6,783 | 4,819 | 3,638 | 3,151 | 2,926 | 3,090 | 3,370 | 3,556 | 7,187 |
| **1940** | 27,930 | 44,370 | 35,210 | 23,960 | 8,835 | 5,303 | 3,934 | 3,520 | 3,649 | 4,110 | 5,335 | 30,460 |
| **1941** | 40,870 | 41,650 | 33,930 | 33,820 | 17,280 | 9,985 | 6,111 | 4,745 | 4,464 | 4,525 | 5,353 | 26,670 |
| **1942** | 27,850 | 45,580 | 12,100 | 22,140 | 15,250 | 10,020 | 5,658 | 4,498 | 4,252 | 4,460 | 6,113 | 10,170 |
| **1943** | 26,840 | 19,110 | 22,470 | 16,470 | 10,010 | 7,127 | 4,599 | 3,972 | 3,850 | 4,208 | 4,875 | 4,724 |
| **1944** | 4,836 | 6,793 | 4,089 | 3,682 | 5,451 | 4,767 | 4,969 | 5,108 | 4,018 | 2,910 | 5,481 | 6,356 |
| **1945** | 6,550 | 11,940 | 7,716 | 5,120 | 6,781 | 6,773 | 8,399 | 8,368 | 6,803 | 6,251 | 8,240 | 19,620 |
| **1946** | 25,520 | 9,380 | 7,684 | 8,530 | 8,022 | 7,849 | 8,657 | 8,593 | 6,205 | 5,822 | 6,722 | 7,542 |
| **1947** | 6,140 | 6,571 | 7,319 | 6,219 | 6,788 | 7,253 | 7,476 | 7,080 | 5,289 | 5,682 | 5,209 | 4,564 |
| **1948** | 8,870 | 4,579 | 7,921 | 18,640 | 17,830 | 12,930 | 8,884 | 10,430 | 8,250 | 6,318 | 6,836 | 7,310 |
| **1949** | 5,843 | 6,019 | 15,610 | 6,054 | 7,015 | 7,957 | 9,169 | 9,054 | 6,755 | 5,828 | 5,377 | 4,689 |
| **1950** | 7,868 | 9,695 | 6,210 | 5,335 | 6,847 | 7,746 | 8,977 | 8,628 | 6,642 | 6,406 | 8,287 | 25,610 |
| **1951** | 16,420 | 28,960 | 10,890 | 6,477 | 7,365 | 8,360 | 11,630 | 11,510 | 6,650 | 5,542 | 5,924 | 14,730 |
| **1952** | 21,280 | 29,670 | 17,760 | 18,470 | 16,050 | 10,810 | 10,260 | 10,550 | 7,915 | 5,721 | 5,532 | 16,900 |
| **1953** | 49,040 | 10,740 | 7,460 | 7,360 | 9,791 | 10,750 | 9,774 | 10,450 | 8,860 | 6,505 | 7,554 | 7,089 |
| **1954** | 23,050 | 32,100 | 14,490 | 13,190 | 9,975 | 9,742 | 11,480 | 11,480 | 8,266 | 6,159 | 7,297 | 10,010 |
| **1955** | 9,192 | 6,647 | 4,727 | 7,709 | 7,925 | 9,023 | 11,170 | 10,150 | 7,252 | 5,553 | 6,472 | 29,530 |
| **1956** | 52,620 | 28,720 | 13,840 | 6,884 | 13,720 | 9,109 | 9,680 | 9,030 | 8,459 | 7,988 | 7,599 | 6,655 |
| **1957** | 5,104 | 8,412 | 20,990 | 6,777 | 13,650 | 9,427 | 9,493 | 8,878 | 7,872 | 10,490 | 11,180 | 12,210 |
| **1958** | 21,500 | 76,880 | 24,840 | 32,420 | 15,190 | 11,540 | 10,690 | 11,800 | 10,230 | 8,702 | 8,123 | 6,858 |
| **1959** | 16,130 | 20,610 | 7,367 | 7,018 | 8,280 | 9,190 | 10,750 | 11,130 | 7,371 | 5,468 | 4,681 | 4,336 |
| **1960** | 5,838 | 14,270 | 8,410 | 6,971 | 8,638 | 9,733 | 10,630 | 10,120 | 6,916 | 6,100 | 6,442 | 8,740 |
| **1961** | 6,545 | 18,520 | 16,040 | 8,873 | 8,728 | 9,902 | 11,320 | 10,940 | 7,449 | 5,985 | 6,364 | 8,158 |
| **1962** | 5,332 | 17,060 | 11,640 | 6,696 | 8,563 | 9,650 | 10,400 | 10,680 | 7,289 | 9,409 | 6,696 | 13,610 |
| **1963** | 10,080 | 19,900 | 8,134 | 30,130 | 13,930 | 9,460 | 10,390 | 10,670 | 11,090 | 8,486 | 10,830 | 10,870 |
| **1964** | 11,170 | 10,060 | 6,230 | 8,326 | 8,654 | 10,070 | 12,130 | 11,780 | 8,785 | 5,794 | 6,741 | 26,000 |
| **1965** | 34,940 | 14,940 | 5,853 | 12,330 | 10,760 | 9,686 | 11,250 | 11,570 | 9,392 | 8,475 | 11,360 | 13,770 |
| **1966** | 19,460 | 11,880 | 9,714 | 9,533 | 9,854 | 11,370 | 13,700 | 12,670 | 8,113 | 7,771 | 11,140 | 24,230 |
| **1967** | 17,240 | 23,220 | 9,882 | 19,760 | 19,600 | 15,250 | 13,300 | 12,650 | 11,040 | 9,734 | 7,984 | 9,609 |
| **1968** | 11,940 | 24,240 | 13,830 | 9,606 | 9,763 | 11,290 | 14,210 | 12,910 | 10,490 | 7,934 | 7,888 | 12,460 |
| **1969** | 34,030 | 39,990 | 14,280 | 11,840 | 16,090 | 15,100 | 12,510 | 12,050 | 9,737 | 8,428 | 8,304 | 23,880 |
| **1970** | 61,060 | 38,870 | 12,760 | 9,465 | 9,520 | 10,310 | 10,800 | 9,529 | 8,178 | 7,411 | 15,490 | 32,520 |
| **1971** | 25,820 | 14,080 | 11,780 | 16,520 | 17,190 | 14,870 | 13,560 | 13,650 | 11,330 | 8,072 | 7,516 | 8,910 |
| **1972** | 8,909 | 9,750 | 14,350 | 10,950 | 11,140 | 12,140 | 12,500 | 9,993 | 7,864 | 6,961 | 12,370 | 12,890 |
| **1973** | 30,140 | 28,440 | 17,320 | 9,187 | 11,220 | 11,090 | 12,680 | 11,450 | 9,575 | 7,768 | 29,690 | 36,460 |
| **1974** | 52,860 | 22,180 | 29,830 | 35,110 | 14,860 | 14,420 | 12,970 | 13,150 | 11,050 | 8,914 | 10,460 | 10,620 |
| **1975** | 8,186 | 19,860 | 29,760 | 13,710 | 16,710 | 14,420 | 12,470 | 12,460 | 9,430 | 9,646 | 11,340 | 11,530 |
| **1976** | 7,335 | 9,129 | 8,447 | 11,060 | 12,790 | 13,690 | 13,650 | 12,470 | 7,154 | 4,467 | 4,544 | 4,296 |
| **1977** | 6,693 | 6,117 | 6,390 | 8,442 | 8,330 | 9,552 | 10,840 | 8,542 | 5,323 | 3,935 | 5,608 | 7,572 |
| **1978** | 21,550 | 17,800 | 27,380 | 15,880 | 11,060 | 9,594 | 10,910 | 11,000 | 7,205 | 6,410 | 6,656 | 6,764 |
| **1979** | 8,997 | 10,370 | 8,291 | 8,133 | 9,386 | 10,800 | 14,100 | 9,993 | 6,276 | 5,669 | 6,495 | 10,500 |
| **1980** | 26,190 | 36,220 | 23,350 | 8,849 | 8,623 | 11,270 | 11,640 | 9,653 | 6,894 | 5,417 | 6,229 | 8,504 |
| **1981** | 9,791 | 9,273 | 12,930 | 9,977 | 12,120 | 12,390 | 14,570 | 13,530 | 6,744 | 4,516 | 13,060 | 33,150 |
| **1982** | 22,240 | 32,200 | 22,000 | 29,790 | 15,720 | 11,650 | 11,220 | 11,930 | 9,896 | 8,360 | 13,090 | 24,480 |
| **1983** | 23,920 | 58,190 | 75,830 | 22,910 | 22,510 | 17,460 | 15,320 | 14,630 | 10,610 | 10,600 | 19,850 | 43,350 |
| **1984** | 20,060 | 9,750 | 11,910 | 8,567 | 9,871 | 11,080 | 14,560 | 11,620 | 8,144 | 7,495 | 15,850 | 14,530 |
| **1985** | 7,444 | 7,389 | 6,263 | 7,295 | 10,120 | 11,020 | 13,990 | 10,740 | 6,300 | 5,198 | 5,703 | 6,397 |
| **1986** | 8,678 | 51,330 | 40,560 | 6,879 | 9,842 | 10,340 | 11,240 | 10,110 | 7,786 | 7,044 | 7,172 | 6,775 |
| **1987** | 6,683 | 7,170 | 8,885 | 9,783 | 11,220 | 12,710 | 15,050 | 12,300 | 6,812 | 5,309 | 4,355 | 7,769 |
| **1988** | 9,373 | 4,941 | 6,800 | 12,480 | 11,550 | 11,500 | 14,750 | 12,070 | 7,576 | 6,163 | 7,094 | 7,113 |
| **1989** | 5,825 | 6,179 | 13,630 | 7,041 | 11,150 | 11,860 | 13,100 | 12,170 | 7,037 | 5,710 | 7,747 | 5,083 |
| **1990** | 6,779 | 4,700 | 5,519 | 8,453 | 10,300 | 9,244 | 10,570 | 10,650 | 6,885 | 5,273 | 4,837 | 4,576 |
| **1991** | 4,935 | 5,064 | 7,819 | 4,804 | 8,135 | 8,645 | 9,103 | 8,489 | 6,052 | 5,108 | 4,921 | 4,604 |
| **1992** | 4,573 | 10,180 | 8,124 | 5,228 | 7,322 | 7,431 | 7,811 | 7,998 | 6,795 | 4,563 | 4,068 | 6,486 |
| **1993** | 14,440 | 12,490 | 29,280 | 13,820 | 10,560 | 15,180 | 11,540 | 12,040 | 9,785 | 7,292 | 6,084 | 6,890 |
| **1994** | 5,793 | 7,468 | 5,476 | 6,094 | 8,792 | 9,762 | 12,000 | 11,360 | 9,149 | 4,972 | 4,874 | 6,171 |
| **1995** | 38,780 | 26,940 | 55,450 | 24,970 | 22,920 | 14,850 | 15,690 | 14,320 | 11,150 | 6,260 | 6,115 | 9,192 |
| **1996** | 13,250 | 37,780 | 23,190 | 9,360 | 13,620 | 14,710 | 14,650 | 14,430 | 9,994 | 6,878 | 6,731 | 26,490 |
| **1997** | 56,790 | 17,490 | 8,103 | 8,168 | 10,330 | 14,110 | 15,370 | 11,680 | 8,649 | 5,788 | 7,099 | 7,686 |
| **1998** | 32,020 | 68,400 | 35,110 | 18,860 | 21,240 | 21,150 | 16,760 | 15,790 | 11,900 | 7,999 | 14,090 | 18,610 |
| **1999** | 11,650 | 29,660 | 24,220 | 12,180 | 12,430 | 12,650 | 13,600 | 10,590 | 8,425 | 7,006 | 7,904 | 8,042 |
| **2000** | 12,340 | 41,210 | 31,820 | 10,920 | 12,520 | 13,470 | 15,340 | 11,610 | 7,865 | 6,869 | 6,719 | 6,451 |
| **2001** | 6,968 | 8,456 | 9,755 | 7,900 | 10,560 | 14,090 | 15,350 | 11,490 | 8,955 | 6,789 | 7,263 | 13,100 |
| **2002** | 15,330 | 8,612 | 8,515 | 7,446 | 10,610 | 13,540 | 14,980 | 11,390 | 8,188 | 7,664 | 6,955 | 16,350 |
| **2003** | 25,010 | 13,650 | 8,879 | 12,520 | 22,390 | 14,640 | 14,600 | 11,000 | 8,140 | 7,322 | 7,030 | 15,680 |
| **2004** | 13,900 | 35,480 | 22,970 | 10,510 | 10,990 | 15,000 | 15,510 | 11,140 | 8,980 | 8,262 | 6,047 | 9,553 |
| **2005** | 8,898 | 7,398 | 9,441 | 7,398 | 22,590 | 14,150 | 15,150 | 11,230 | 9,200 | 8,424 | 7,265 | 21,000 |
| **2006** | 40,460 | 21,370 | 36,610 | 44,230 | 16,510 | 15,470 | 14,740 | 13,370 | 10,100 | 7,104 | 6,851 | 8,929 |
| **2007** | 6,635 | 9,189 | 6,971 | 8,699 | 10,410 | 12,330 | 14,760 | 11,500 | 8,482 | 7,128 | 6,489 | 6,187 |
| **2008** | 9,730 | 9,294 | 5,660 | 7,625 | 10,040 | 11,740 | 12,520 | 10,290 | 7,310 | 7,312 | 5,525 | 4,637 |
| **2009** | 4,339 | 8,900 | 7,529 | 7,079 | 10,640 | 11,440 | 13,100 | 11,340 | 7,403 | 6,648 | 5,159 | 4,426 |
| **2010** | 11,810 | 10,520 | 6,899 | 8,978 | 11,260 | 13,760 | 12,980 | 10,680 | 7,771 | 6,849 | 7,053 | 17,530 |
| **2011** | 11,640 | 7,212 | 33,350 | 18,580 | 11,310 | 15,250 | 13,490 | 12,200 | 10,330 | 8,930 | 8,460 | 6,481 |
| **2012** | 7,045 | 5,518 | 8,313 | 8,543 | 10,350 | 12,700 | 15,040 | 12,680 | 8,477 | 7,054 | 7,651 | 14,200 |
| **2013** | 7,007 | 5,861 | 6,087 | 8,778 | 12,170 | 13,860 | 14,310 | 10,730 | 7,609 | 7,149 | 5,141 | 4,454 |
| **2014** | 3,944 | 5,367 | 7,410 | 5,250 | 7,941 | 9,910 | 9,905 | 8,575 | 6,365 | 5,703 | 5,693 | 14,170 |
| **2015** | 4,795 | 7,981 | 4,288 | 4,963 | 7,994 | 7,559 | 7,425 | 7,337 | 7,295 | 6,926 | 5,289 | 6,845 |
| **2016** | 14,910 | 6,640 | 18,320 | 7,311 | 7,770 | 9,398 | 10,600 | 10,680 | 9,292 | 8,330 |  |  |
| **Mean ofmonthlyDischarge** | 17,500 | 20,900 | 18,100 | 14,400 | 11,900 | 9,920 | 9,240 | 8,250 | 6,620 | 6,010 | 7,780 | 12,200 |