

Monthly Median Streamflow

Lat = 40 15 17

Susquehanna River at Harrisburg, PA

Lon = 76 53 11

Flood Stage = 17 ft

Period of Record 1890 - 2006

Floods = INC

| YEAR | Monthly median streamflow, in ft ³ /s | | | | | | | | | | | |
|------|--|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1890 | missing | missing | missing | missing | missing | missing | missing | missing | missing | 29,300 | 37,400 | 15,500 |
| 1891 | 63,300 | 130,000 | 96,500 | 76,500 | 17,600 | 19,200 | 21,000 | 24,000 | 20,100 | 19,200 | 36,900 | 42,300 |
| 1892 | 75,800 | 21,000 | 32,500 | 48,600 | 74,400 | 47,400 | 16,700 | 16,700 | 10,000 | 5,900 | 8,300 | 13,400 |
| 1893 | 5,000 | 45,200 | 86,100 | 107,000 | 70,800 | 18,400 | 10,000 | 4,400 | 15,200 | 13,800 | 15,200 | 35,000 |
| 1894 | 21,900 | 28,100 | 58,600 | 52,600 | 35,000 | 31,500 | 9,400 | 6,800 | 8,600 | 21,000 | 36,200 | 30,400 |
| 1895 | 34,600 | 21,600 | 74,900 | 69,000 | 24,000 | 9,400 | 7,300 | 5,100 | 5,100 | 3,400 | 4,700 | 13,100 |
| 1896 | 30,600 | 30,900 | 56,600 | 70,800 | 11,200 | 19,200 | 13,100 | 10,500 | 3,600 | 24,000 | 24,000 | 20,100 |
| 1897 | 13,800 | 37,600 | 90,800 | 44,900 | 44,900 | 19,200 | 8,300 | 11,800 | 5,900 | 5,500 | 20,100 | 42,300 |
| 1898 | 60,600 | 49,500 | 87,000 | 36,200 | 57,800 | 17,600 | 7,800 | 24,000 | 11,200 | 16,700 | 37,400 | 26,200 |
| 1899 | 39,900 | 20,100 | 96,100 | 59,300 | 23,000 | 11,200 | 8,300 | 5,500 | 6,400 | 4,000 | 17,600 | 33,900 |
| 1900 | 22,200 | 52,600 | 64,700 | 57,800 | 18,400 | 13,800 | 7,300 | 4,700 | 3,300 | 4,300 | 5,500 | 23,000 |
| 1901 | 11,200 | 11,000 | 78,700 | 91,700 | 46,100 | 36,200 | 13,100 | 20,500 | 17,600 | 13,400 | 9,000 | 35,900 |
| 1902 | 23,600 | 12,600 | 123,000 | 48,200 | 14,800 | 11,400 | 73,100 | 20,600 | 6,900 | 27,700 | 14,700 | 37,000 |
| 1903 | 25,800 | 66,000 | 102,000 | 62,600 | 14,000 | 22,600 | 27,700 | 21,000 | 22,600 | 34,100 | 18,200 | 13,400 |
| 1904 | 15,000 | 31,400 | 86,200 | 66,600 | 34,100 | 24,200 | 14,400 | 11,000 | 7,900 | 12,800 | 11,000 | 7,300 |
| 1905 | 35,700 | 12,400 | 48,800 | 48,800 | 18,200 | 23,700 | 16,800 | 18,200 | 25,000 | 21,900 | 16,300 | 45,800 |
| 1906 | 42,100 | 15,800 | 29,500 | 95,700 | 21,900 | 26,900 | 14,000 | 15,800 | 8,200 | 11,700 | 17,700 | 26,900 |
| 1907 | 82,100 | 12,800 | 76,700 | 33,600 | 35,000 | 21,900 | 14,000 | 5,900 | 14,000 | 14,900 | 30,800 | 49,600 |
| 1908 | 33,600 | 34,600 | 112,000 | 52,800 | 74,900 | 13,200 | 8,900 | 6,400 | 3,100 | 4,400 | 5,400 | 5,900 |
| 1909 | 17,700 | 64,400 | 48,100 | 54,400 | 40,600 | 28,200 | 6,400 | 4,400 | 3,500 | 4,400 | 4,000 | 4,400 |
| 1910 | 5,900 | 13,200 | 59,000 | 22,700 | 36,300 | 33,900 | 8,600 | 4,500 | 6,300 | 4,600 | 7,700 | 7,000 |
| 1911 | 41,200 | 25,300 | 34,900 | 68,800 | 14,400 | 12,200 | 6,200 | 4,800 | 24,700 | 41,600 | 26,500 | 39,500 |
| 1912 | 17,700 | 13,200 | 81,600 | 82,600 | 59,800 | 11,900 | 7,300 | 10,200 | 15,700 | 17,800 | 23,300 | 26,400 |
| 1913 | 82,500 | 17,200 | 49,000 | 40,200 | 22,600 | 11,800 | 11,100 | 5,100 | 3,500 | 9,700 | 27,400 | 20,900 |
| 1914 | 18,100 | 16,800 | 32,200 | 107,000 | 60,200 | 10,900 | 10,900 | 7,800 | 5,400 | 3,700 | 5,500 | 5,100 |
| 1915 | 65,400 | 72,400 | 28,500 | 23,000 | 26,200 | 13,100 | 36,700 | 33,500 | 17,300 | 17,500 | 12,500 | 16,700 |
| 1916 | 57,000 | 30,600 | 29,300 | 97,000 | 37,300 | 77,000 | 19,000 | 6,800 | 6,200 | 11,000 | 9,200 | 15,100 |
| 1917 | 29,300 | 14,300 | 68,800 | 38,100 | 21,500 | 42,400 | 32,000 | 23,800 | 13,200 | 10,200 | 18,800 | 9,600 |
| 1918 | 6,600 | 25,800 | 80,500 | 61,100 | 36,100 | 24,100 | 9,500 | 7,200 | 12,500 | 17,400 | 27,300 | 30,000 |
| 1919 | 31,900 | 18,800 | 51,400 | 39,900 | 62,700 | 18,200 | 15,600 | 13,300 | 6,100 | 11,900 | 33,800 | 29,300 |
| 1920 | 12,200 | 12,900 | 113,000 | 59,600 | 24,800 | 13,600 | 10,900 | 14,000 | 13,500 | 11,400 | 19,100 | 49,300 |
| 1921 | 24,100 | 26,100 | 73,600 | 30,000 | 38,900 | 8,900 | 8,900 | 9,900 | 7,000 | 8,400 | 22,500 | 35,700 |
| 1922 | 13,600 | 29,300 | 59,800 | 71,200 | 26,800 | 40,700 | 13,300 | 7,400 | 7,900 | 4,300 | 4,200 | 4,800 |
| 1923 | 19,400 | 18,600 | 82,900 | 32,600 | 35,500 | 12,900 | 5,400 | 5,300 | 6,700 | 4,600 | 8,500 | 42,600 |
| 1924 | 61,100 | 19,400 | 43,000 | 78,500 | 50,800 | 23,300 | 30,600 | 8,400 | 6,700 | 14,300 | 6,480 | 10,900 |
| 1925 | 7,000 | 57,800 | 40,900 | 24,100 | 31,100 | 9,200 | 12,200 | 10,200 | 6,240 | 6,240 | 27,500 | 27,500 |
| 1926 | 16,000 | 32,000 | 55,000 | 53,500 | 13,600 | 10,900 | 6,000 | 10,200 | 16,400 | 27,500 | 49,300 | 22,500 |
| 1927 | 15,700 | 51,400 | 108,000 | 45,100 | 43,000 | 22,500 | 9,600 | 9,600 | 7,080 | 31,100 | 52,600 | 80,500 |
| 1928 | 28,000 | 40,000 | 36,800 | 80,500 | 36,800 | 48,600 | 48,600 | 17,200 | 7,100 | 6,200 | 7,200 | 12,000 |
| 1929 | 13,300 | 13,700 | 71,600 | 104,000 | 59,900 | 14,100 | 9,260 | 4,390 | 4,390 | 18,000 | 21,200 | 33,600 |
| 1930 | 40,900 | 21,900 | 61,400 | 45,800 | 23,800 | 18,200 | 9,260 | 2,640 | 2,880 | 2,140 | 2,320 | 3,740 |
| 1931 | 3,840 | 6,020 | 15,800 | 71,600 | 58,400 | 18,200 | 12,800 | 6,770 | 4,670 | 3,170 | 3,360 | 16,200 |
| 1932 | 44,000 | 37,400 | 17,800 | 73,000 | 24,400 | 10,400 | 8,220 | 4,310 | 2,190 | 16,400 | 37,900 | 15,200 |
| 1933 | 24,200 | 22,000 | 55,300 | 86,700 | 45,600 | 15,300 | 7,670 | 7,870 | 23,900 | 10,100 | 13,600 | 18,900 |
| 1934 | 30,000 | 10,000 | 23,700 | 78,600 | 18,000 | 7,940 | 4,960 | 5,070 | 8,490 | 10,100 | 22,700 | 22,500 |
| 1935 | 31,600 | 19,000 | 75,800 | 55,100 | 35,300 | 12,100 | 21,100 | 11,900 | 5,420 | 4,120 | 30,300 | 30,300 |
| 1936 | 27,400 | 15,000 | 146,000 | 68,800 | 18,400 | 10,100 | 4,820 | 5,480 | 3,720 | 6,350 | 17,500 | 36,600 |
| 1937 | 73,000 | 34,000 | 35,300 | 71,600 | 49,000 | 16,300 | 11,000 | 14,000 | 10,700 | 6,480 | 34,000 | 27,400 |
| 1938 | 29,300 | 49,000 | 56,700 | 40,600 | 23,200 | 13,000 | 10,700 | 9,170 | 4,710 | 7,750 | 9,520 | 24,800 |
| 1939 | 14,500 | 70,200 | 67,300 | 61,400 | 18,400 | 8,960 | 5,850 | 4,260 | 2,570 | 4,260 | 11,300 | 9,400 |
| 1940 | 7,700 | 10,700 | 37,900 | 170,000 | 39,200 | 23,200 | 12,200 | 5,500 | 9,800 | 7,360 | 20,100 | 29,800 |

Drainage Area = 24,100 sq mi

Gage Datum = 290.01 ft MSL

Swatara Creek Basin

Lebanon County

Monthly Median Streamflow

Lat = 40 15 17

Susquehanna River at Harrisburg, PA

Lon = 76 53 11

Flood Stage = 17 ft

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| YEAR | Monthly median streamflow, in ft ³ /s | | | | | | | | | | | |
|------|--|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1941 | 18,000 | 15,200 | 30,300 | 56,700 | 13,500 | 12,800 | 7,360 | 6,720 | 3,940 | 3,020 | 6,850 | 9,200 |
| 1942 | 18,000 | 24,000 | 81,300 | 68,800 | 19,800 | 20,300 | 11,000 | 13,400 | 7,490 | 28,900 | 32,800 | 27,700 |
| 1943 | 42,000 | 40,600 | 61,400 | 36,600 | 83,700 | 25,300 | 9,240 | 6,220 | 3,360 | 4,150 | 27,700 | 11,000 |
| 1944 | 9,950 | 14,000 | 78,500 | 55,100 | 46,100 | 20,900 | 8,140 | 4,260 | 4,800 | 6,600 | 7,750 | 19,200 |
| 1945 | 19,000 | 18,500 | 141,000 | 46,100 | 73,000 | 29,100 | 15,900 | 12,800 | 12,000 | 31,700 | 53,600 | 39,000 |
| 1946 | 35,000 | 17,500 | 78,700 | 17,500 | 28,300 | 46,100 | 16,300 | 14,300 | 5,570 | 19,800 | 12,500 | 12,200 |
| 1947 | 35,400 | 21,000 | 38,000 | 56,700 | 78,700 | 42,000 | 32,900 | 15,900 | 8,540 | 4,250 | 19,600 | 17,000 |
| 1948 | 12,500 | 10,500 | 66,100 | 66,100 | 59,900 | 22,200 | 13,700 | 8,940 | 3,750 | 5,320 | 19,800 | 29,100 |
| 1949 | 76,000 | 53,600 | 34,200 | 49,000 | 34,200 | 9,080 | 7,560 | 4,980 | 5,440 | 6,650 | 9,800 | 29,800 |
| 1950 | 43,300 | 39,300 | 47,600 | 55,100 | 36,700 | 24,200 | 12,400 | 9,950 | 15,200 | 14,100 | 32,900 | 55,100 |
| 1951 | 53,600 | 73,300 | 67,600 | 59,900 | 21,900 | 17,200 | 16,300 | 7,240 | 4,730 | 4,400 | 19,000 | 34,200 |
| 1952 | 78,700 | 35,500 | 69,000 | 70,500 | 53,600 | 13,400 | 9,500 | 7,240 | 7,110 | 4,290 | 3,670 | 27,800 |
| 1953 | 46,100 | 35,400 | 47,600 | 56,700 | 55,100 | 21,100 | 6,960 | 5,000 | 3,800 | 3,280 | 5,200 | 17,100 |
| 1954 | 8,600 | 25,400 | 42,900 | 42,800 | 44,300 | 21,300 | 6,290 | 4,260 | 5,030 | 6,920 | 15,600 | 28,800 |
| 1955 | 24,500 | 24,000 | 85,700 | 35,000 | 14,900 | 11,800 | 5,210 | 13,000 | 5,960 | 30,700 | 42,900 | 17,000 |
| 1956 | 13,000 | 44,300 | 64,500 | 83,200 | 53,300 | 20,000 | 23,900 | 15,600 | 17,600 | 13,000 | 20,800 | 58,100 |
| 1957 | 26,000 | 33,000 | 42,900 | 70,700 | 23,900 | 11,100 | 7,050 | 4,120 | 3,640 | 4,760 | 7,050 | 13,500 |
| 1958 | 32,000 | 13,500 | 57,300 | 126,000 | 51,100 | 20,000 | 19,000 | 12,800 | 9,100 | 10,800 | 23,000 | 15,000 |
| 1959 | 14,000 | 32,000 | 55,100 | 59,300 | 27,500 | 9,900 | 6,560 | 4,300 | 3,360 | 10,200 | 31,600 | 57,900 |
| 1960 | 38,900 | 36,400 | 18,400 | 56,500 | 77,700 | 38,900 | 12,700 | 7,750 | 14,000 | 7,900 | 10,100 | 6,800 |
| 1961 | 8,800 | 7,470 | 67,800 | 83,100 | 46,800 | 23,000 | 11,200 | 9,100 | 5,420 | 3,480 | 5,110 | 11,000 |
| 1962 | 25,000 | 16,000 | 88,300 | 104,000 | 19,400 | 7,400 | 3,380 | 3,620 | 3,320 | 13,600 | 24,800 | 16,500 |
| 1963 | 15,000 | 13,500 | 97,700 | 31,600 | 29,100 | 18,800 | 5,650 | 3,780 | 3,620 | 2,340 | 4,890 | 15,000 |
| 1964 | 24,000 | 20,700 | 71,500 | 57,600 | 29,100 | 8,660 | 4,680 | 3,510 | 2,000 | 2,400 | 2,200 | 6,450 |
| 1965 | 14,700 | 24,000 | 33,100 | 56,300 | 25,400 | 7,580 | 3,360 | 3,520 | 3,440 | 9,200 | 8,900 | 14,500 |
| 1966 | 15,100 | 27,800 | 62,000 | 29,700 | 52,000 | 13,500 | 4,170 | 3,040 | 4,260 | 4,460 | 7,740 | 24,000 |
| 1967 | 12,800 | 25,000 | 66,700 | 48,600 | 54,500 | 16,000 | 12,600 | 16,400 | 8,300 | 20,500 | 35,200 | 42,600 |
| 1968 | 17,000 | 18,000 | 18,800 | 24,200 | 44,400 | 40,900 | 11,700 | 5,430 | 8,300 | 4,660 | 35,200 | 25,000 |
| 1969 | 18,500 | 17,000 | 12,900 | 50,000 | 30,400 | 16,800 | 8,900 | 14,000 | 5,100 | 4,170 | 25,200 | 20,500 |
| 1970 | 16,000 | 42,600 | 35,700 | 119,000 | 36,800 | 16,800 | 14,700 | 7,880 | 7,320 | 15,300 | 42,600 | 37,700 |
| 1971 | 23,000 | 64,000 | 75,100 | 59,700 | 37,500 | 12,200 | 6,020 | 6,400 | 9,350 | 7,320 | 12,600 | 38,500 |
| 1972 | 40,000 | 24,900 | 84,600 | 62,600 | 69,700 | 42,300 | 46,100 | 10,300 | 6,280 | 6,400 | 52,200 | 84,800 |
| 1973 | 45,600 | 32,600 | 53,900 | 54,400 | 53,300 | 25,900 | 14,000 | 12,600 | 13,800 | 12,100 | 22,000 | 63,000 |
| 1974 | 50,300 | 30,300 | 46,900 | 86,200 | 29,000 | 17,400 | 13,600 | 7,600 | 15,800 | 10,400 | 24,500 | 42,600 |
| 1975 | 41,000 | 42,600 | 62,000 | 39,600 | 49,200 | 29,300 | 15,100 | 8,450 | 14,000 | 43,200 | 30,700 | 32,600 |
| 1976 | 23,000 | 60,000 | 49,000 | 29,800 | 31,000 | 25,800 | 20,800 | 15,300 | 10,000 | 66,100 | 24,900 | 20,000 |
| 1977 | 10,500 | 13,500 | 104,000 | 56,500 | 29,600 | 10,700 | 18,800 | 11,600 | 7,770 | 49,700 | 46,600 | 64,000 |
| 1978 | 44,600 | 27,000 | 92,400 | 60,400 | 48,000 | 23,900 | 12,900 | 12,000 | 9,080 | 10,100 | 11,600 | 23,700 |
| 1979 | 65,000 | 15,500 | 90,000 | 54,900 | 29,500 | 18,500 | 9,950 | 12,500 | 18,300 | 29,300 | 28,900 | 27,800 |
| 1980 | 22,000 | 10,500 | 36,200 | 84,600 | 35,100 | 14,100 | 9,050 | 7,200 | 3,880 | 3,480 | 7,090 | 16,800 |
| 1981 | 5,600 | 54,300 | 23,200 | 29,300 | 34,100 | 25,100 | 13,700 | 6,880 | 7,330 | 11,900 | 26,600 | 19,700 |
| 1982 | 17,000 | 40,000 | 92,100 | 58,200 | 18,900 | 52,400 | 13,100 | 7,200 | 4,920 | 4,650 | 8,920 | 18,300 |
| 1983 | 16,000 | 27,400 | 40,800 | 94,900 | 60,000 | 25,100 | 9,050 | 6,100 | 4,040 | 5,830 | 15,800 | 45,900 |
| 1984 | 17,000 | 57,700 | 36,200 | 80,300 | 51,400 | 35,900 | 25,900 | 17,800 | 7,870 | 5,810 | 10,900 | 46,700 |
| 1985 | 17,000 | 21,700 | 44,100 | 32,800 | 18,500 | 14,000 | 8,390 | 6,520 | 6,380 | 9,280 | 37,100 | 41,300 |
| 1986 | 15,400 | 41,800 | 49,600 | 33,900 | 19,800 | 23,900 | 13,400 | 13,800 | 6,150 | 12,200 | 34,500 | 51,500 |
| 1987 | 22,500 | 15,000 | 45,300 | 66,500 | 20,900 | 13,000 | 14,200 | 6,130 | 21,400 | 16,000 | 19,300 | 31,900 |
| 1988 | 18,000 | 32,000 | 41,200 | 26,700 | 34,200 | 10,600 | 5,290 | 5,330 | 8,610 | 5,800 | 24,100 | 14,000 |
| 1989 | 18,000 | 19,000 | 24,100 | 33,300 | 67,200 | 33,800 | 36,200 | 10,800 | 6,120 | 9,830 | 22,200 | 11,800 |
| 1990 | 19,000 | 68,500 | 32,500 | 39,800 | 46,800 | 23,900 | 16,800 | 15,300 | 14,900 | 66,600 | 33,000 | 63,900 |
| 1991 | 42,600 | 40,400 | 49,200 | 36,400 | 27,000 | 6,590 | 4,710 | 4,100 | 3,320 | 5,250 | 4,590 | 21,900 |

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|------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1992 | 22,500 | 17,200 | 37,500 | 53,700 | 29,500 | 13,500 | 13,500 | 16,500 | 14,900 | 18,200 | 42,200 | 34,700 |
| 1993 | 45,100 | 15,200 | 34,700 | 193,000 | 26,200 | 11,200 | 5,600 | 5,440 | 5,900 | 10,600 | 24,200 | 49,300 |
| 1994 | 15,000 | 33,000 | 93,000 | 153,000 | 31,000 | 15,800 | 20,400 | 20,100 | 12,400 | 10,400 | 18,000 | 41,600 |
| 1995 | 34,900 | 20,000 | 36,500 | 24,900 | 20,300 | 18,100 | 9,470 | 5,050 | 3,190 | 7,940 | 37,400 | 20,500 |
| 1996 | 17,000 | 38,100 | 56,200 | 51,900 | 63,100 | 20,700 | 20,200 | 13,300 | 31,400 | 28,700 | 34,400 | 68,500 |
| 1997 | 28,000 | 32,000 | 62,500 | 30,600 | 26,300 | 17,500 | 7,190 | 5,840 | 6,290 | 5,790 | 30,500 | 26,000 |
| 1998 | 49,600 | 52,500 | 79,300 | 64,600 | 55,100 | 20,300 | 17,000 | 6,080 | 4,490 | 6,090 | 5,150 | 5,460 |
| 1999 | 10,000 | 37,800 | 53,100 | 50,200 | 16,200 | 5,840 | 4,540 | 4,070 | 14,300 | 14,800 | 9,260 | 26,000 |
| 2000 | 18,000 | 20,000 | 62,100 | 81,100 | 45,200 | 35,500 | 12,000 | 11,200 | 7,120 | 9,350 | 9,500 | 17,000 |
| 2001 | 12,300 | 26,300 | 47,600 | 76,900 | 14,100 | 15,000 | 7,710 | 4,610 | 4,340 | 6,220 | 5,200 | 18,700 |
| 2002 | 10,700 | 33,300 | 23,600 | 37,000 | 62,200 | 35,600 | 7,390 | 4,000 | 3,560 | 21,400 | 30,600 | 39,500 |
| 2003 | 30,900 | 21,500 | 65,900 | 67,400 | 37,400 | 56,700 | 17,900 | 39,000 | 38,300 | 34,300 | 51,300 | 69,100 |
| 2004 | 33,000 | 24,000 | 68,200 | 63,600 | 55,200 | 23,000 | 24,000 | 35,300 | 71,100 | missing | missing | missing |
| 2005 | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing |
| 2006 | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing |
| Med | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Med | 24,000 | 26,000 | 55,600 | 57,600 | 33,900 | 18,500 | 11,000 | 8,000 | 7,080 | 8,940 | 18,400 | 24,000 |

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