

Monthly Mean Streamflow

Lat = 40 15 17

Susquehanna River at Harrisburg, PA

Lon = 76 53 11

Flood Stage = 17 ft

Period of Record 1890 - 2007

Floods = INC

YEAR	No Incomplete Data is used for Statistical Calculation - Discharge, cubic feet per second												Avg
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1890	missing	missing	missing	missing	missing	missing	missing	missing	missing	56,380	41,490	17,370	missing
1891	64,559	153,500	100,600	81,770	19,700	26,029	22,350	31,260	24,320	19,140	34,720	62,939	53,407
1892	82,190	22,600	54,750	85,120	69,170	68,440	20,030	19,200	11,630	6,223	11,290	16,620	38,939
1893	6,074	53,450	100,400	107,500	97,540	19,150	10,490	6,048	19,490	19,410	15,900	41,380	41,403
1894	27,630	32,340	71,390	68,190	103,900	51,330	10,430	6,913	17,950	26,660	47,370	34,550	41,554
1895	45,020	22,610	80,000	89,010	25,700	11,270	9,487	5,506	5,497	3,426	6,453	19,790	26,981
1896	48,360	49,130	67,420	92,580	13,100	19,760	15,720	14,929	4,770	35,160	36,450	22,220	34,967
1897	15,910	44,570	90,950	57,199	54,820	18,120	11,780	15,680	7,103	6,187	22,670	46,800	32,649
1898	59,680	52,710	94,200	54,770	59,340	20,500	8,335	26,750	11,620	33,630	42,430	35,570	41,628
1899	45,580	38,470	105,600	68,460	25,960	11,950	8,187	7,519	6,730	4,335	19,380	32,529	31,225
1900	41,470	63,270	69,690	59,150	20,090	13,560	7,452	5,303	3,850	4,445	25,690	36,920	29,241
1901	13,790	10,510	83,320	109,400	67,970	56,289	13,940	34,070	22,630	13,900	14,979	78,790	43,299
1902	37,500	17,600	153,400	71,680	15,509	12,939	71,450	27,360	11,950	30,059	18,230	57,940	43,801
1903	31,650	80,190	119,500	69,570	13,860	26,629	30,819	25,580	28,920	44,440	26,790	16,740	42,891
1904	43,010	37,200	114,100	72,130	40,450	30,220	18,890	11,040	8,867	15,750	11,320	11,280	34,521
1905	45,520	12,590	102,900	50,839	19,120	27,220	16,840	24,310	26,020	23,740	15,890	57,909	35,242
1906	46,950	21,750	44,500	95,110	26,370	32,780	15,310	16,730	9,833	17,790	21,160	27,200	31,290
1907	76,570	15,759	82,750	39,300	33,980	24,410	16,050	6,187	15,520	19,090	37,560	66,050	36,102
1908	45,260	55,800	128,500	58,309	83,840	19,510	11,130	6,877	3,477	4,945	5,610	6,481	35,812
1909	30,610	82,580	49,260	66,190	69,700	29,470	8,052	4,642	3,650	4,274	3,963	6,594	29,915
1910	28,440	17,510	112,400	56,430	38,190	39,070	8,939	4,510	6,677	5,342	7,497	7,965	27,748
1911	52,070	28,270	42,490	72,540	19,080	16,310	6,548	8,142	30,420	42,190	28,660	40,530	32,271
1912	19,740	26,170	87,970	101,000	59,560	13,170	9,235	9,803	29,820	23,900	31,840	33,160	37,114
1913	89,330	20,780	82,330	50,620	37,990	19,960	11,950	5,377	4,987	18,130	33,320	23,640	33,201
1914	23,040	50,630	72,790	122,900	69,080	12,110	11,640	9,787	6,797	4,274	5,787	6,268	32,925
1915	74,910	99,710	35,740	28,840	27,210	21,220	45,770	38,990	17,200	19,200	16,039	29,260	37,841
1916	62,900	37,450	64,530	137,400	39,450	92,810	23,760	8,571	6,780	12,060	10,090	14,290	42,508
1917	33,210	17,250	74,760	49,320	26,560	50,549	32,140	28,520	14,220	36,040	35,380	9,252	33,933
1918	6,510	67,770	96,310	75,920	38,420	27,560	10,370	7,884	17,630	20,740	34,450	31,519	36,257
1919	33,690	19,650	53,169	43,380	88,590	19,670	17,990	14,870	6,807	10,760	43,430	32,729	32,061
1920	13,610	12,450	132,900	60,490	28,680	19,250	14,299	16,830	15,640	19,580	32,379	56,820	35,244
1921	22,480	30,140	80,330	38,470	44,850	11,390	9,119	10,330	9,477	8,284	40,570	54,510	29,996
1922	16,050	49,330	76,640	74,260	29,340	46,140	25,210	8,571	7,907	4,842	4,220	5,077	28,966
1923	20,060	19,210	87,790	38,770	45,690	12,070	6,835	6,771	6,847	6,429	8,760	44,010	25,270
1924	65,500	21,280	48,400	101,600	76,670	25,870	32,229	9,152	8,400	38,390	7,840	12,240	37,298
1925	7,661	85,810	41,910	27,770	33,350	11,170	12,360	10,230	7,586	10,030	36,960	32,340	26,431
1926	23,640	41,680	67,130	60,400	16,150	13,020	6,912	14,990	24,250	33,350	83,540	23,780	34,070
1927	36,950	57,450	105,200	46,010	60,710	27,939	12,690	10,360	8,068	49,370	60,670	85,480	46,741
1928	27,339	42,790	52,959	89,410	58,909	58,550	56,160	16,980	7,884	5,993	8,463	15,420	36,738
1929	17,010	20,550	94,640	109,600	72,110	17,690	9,252	4,361	4,630	26,310	33,680	37,580	37,284
1930	45,260	35,910	68,920	49,250	22,740	21,050	9,337	2,878	3,398	2,356	2,303	3,835	22,270
1931	3,876	9,123	32,190	71,680	67,050	21,610	15,450	7,215	4,794	3,469	4,015	17,500	21,498
1932	43,740	40,390	29,920	85,710	45,460	11,030	8,735	4,290	2,501	20,250	50,360	16,280	29,889
1933	26,950	22,660	70,800	85,950	50,560	20,170	10,480	32,170	34,590	12,050	14,510	22,720	33,634
1934	41,170	9,982	35,490	74,470	17,240	10,080	5,135	5,195	21,550	16,339	24,870	48,360	25,823
1935	43,250	25,850	75,830	59,950	46,830	12,830	34,020	11,870	5,708	4,473	37,200	33,560	32,614
1936	26,070	16,910	216,100	68,000	19,140	10,650	5,220	5,657	4,765	9,665	29,780	34,520	37,206
1937	92,540	43,660	36,170	85,980	50,549	19,310	11,650	18,180	13,900	29,970	47,200	39,100	40,684
1938	35,400	54,950	59,230	48,410	25,319	14,460	12,640	9,485	15,470	8,597	12,980	41,360	28,192
1939	18,140	78,430	78,290	67,360	20,160	9,692	6,483	4,521	2,652	5,336	11,580	11,220	26,155
1940	8,974	12,730	49,300	190,800	38,390	26,520	13,420	6,044	12,509	7,668	21,220	38,790	35,530

Drainage Area = 24,100 sq mi

Gage Datum = 290.01 ft MSL

Swatara Creek Basin

Lebanon County

Monthly Mean Streamflow

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YEAR	No Incomplete Data is used for Statistical Calculation - Discharge, cubic feet per second												Avg
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1941	33,120	17,300	39,040	77,010	12,750	16,200	8,596	7,262	4,318	2,895	7,201	23,480	20,764
1942	18,840	24,850	83,360	64,890	52,980	24,580	16,150	14,620	9,655	30,880	38,560	47,770	35,595
1943	74,260	50,760	77,700	70,340	86,400	33,750	8,946	6,270	3,827	14,090	42,590	11,260	40,016
1944	14,810	17,540	75,320	68,460	62,100	26,750	9,809	4,352	4,635	8,719	9,036	21,640	26,931
1945	24,220	35,920	141,400	48,980	78,520	32,740	17,590	15,100	25,610	35,740	61,270	48,660	47,146
1946	51,140	17,960	88,720	20,380	79,710	68,450	17,820	15,830	6,968	20,900	14,630	11,630	34,512
1947	45,180	30,660	46,450	72,590	80,810	42,110	32,270	16,550	11,560	4,419	20,810	16,410	34,985
1948	15,170	36,610	97,380	94,500	62,450	23,560	15,750	9,342	3,787	5,441	23,390	35,480	35,238
1949	83,760	55,300	37,810	50,820	32,379	11,340	8,346	5,265	6,785	7,470	10,910	32,179	28,530
1950	59,100	49,220	72,230	84,860	38,660	30,990	12,180	12,290	18,720	19,960	68,820	82,990	45,835
1951	65,190	81,810	71,520	83,960	23,740	25,829	16,770	7,467	4,816	4,500	19,260	36,510	36,781
1952	85,090	50,400	85,250	83,780	62,620	18,610	11,590	7,719	10,410	4,268	23,680	47,410	40,902
1953	55,460	42,960	68,150	57,650	62,260	37,980	7,478	5,289	3,862	3,318	7,391	21,820	31,135
1954	12,920	41,790	63,030	52,969	56,850	22,860	6,383	4,305	5,201	10,770	19,310	35,040	27,619
1955	40,380	29,880	99,970	40,460	18,970	13,300	4,947	19,290	7,104	54,440	52,070	19,170	33,332
1956	13,990	46,330	95,230	98,550	51,090	23,070	24,870	20,790	16,150	15,759	34,190	58,609	41,552
1957	35,480	34,000	52,240	100,200	28,940	11,530	7,406	4,131	3,865	4,861	8,682	40,820	27,680
1958	33,370	20,660	68,220	131,000	66,890	24,010	18,770	14,370	11,170	12,670	22,180	17,730	36,753
1959	38,950	40,020	53,930	73,890	34,840	10,550	6,464	4,656	5,352	17,470	42,720	66,970	32,984
1960	46,540	46,570	27,460	121,800	72,540	45,880	13,680	8,592	18,500	8,062	9,762	7,065	35,538
1961	8,726	58,090	88,470	103,200	49,710	24,020	11,640	10,280	6,418	3,452	8,063	13,020	32,091
1962	27,470	22,680	77,450	107,500	22,670	7,328	3,487	3,966	3,610	17,350	26,900	18,940	28,279
1963	19,830	14,290	99,330	48,920	30,860	17,340	6,125	4,063	3,466	2,439	5,564	17,690	22,493
1964	41,360	25,319	130,000	66,260	43,140	8,920	4,602	3,822	2,066	2,516	2,586	7,420	28,168
1965	16,720	40,820	36,660	53,380	25,740	8,597	3,315	3,856	4,019	9,485	10,710	14,960	19,022
1966	17,210	48,790	73,420	33,120	53,750	15,240	3,994	3,275	4,381	5,188	11,350	28,160	24,823
1967	18,750	27,720	78,030	60,270	63,570	17,170	13,289	17,800	9,598	26,460	42,610	43,380	34,887
1968	16,610	36,640	55,189	31,610	46,030	50,160	16,670	5,385	11,650	6,079	42,130	31,669	29,152
1969	21,340	25,960	27,600	57,820	32,550	18,680	12,050	15,659	5,330	4,303	25,690	30,140	23,094
1970	17,210	61,339	48,700	131,900	38,560	17,530	15,129	8,727	7,616	16,770	54,369	38,800	38,054
1971	24,870	67,540	94,210	59,360	41,090	12,020	6,132	10,050	8,950	8,778	13,710	54,100	33,401
1972	41,340	26,050	104,300	84,500	66,200	166,800	53,390	11,080	6,410	6,654	51,740	95,820	59,524
1973	44,360	54,530	60,029	71,220	53,879	32,370	19,070	13,170	13,730	12,810	25,729	82,340	40,270
1974	64,890	43,360	57,089	83,420	36,450	17,490	20,380	9,128	18,910	10,800	22,260	48,840	36,085
1975	49,230	78,560	72,910	43,690	50,690	38,050	15,290	8,540	69,050	58,700	35,250	33,190	46,096
1976	41,180	89,820	57,550	37,630	30,930	35,040	21,810	18,150	10,380	75,150	33,690	23,630	39,580
1977	10,890	25,740	115,400	77,010	26,529	11,180	18,430	12,580	32,410	68,880	66,260	75,770	45,090
1978	74,170	30,230	97,330	82,620	72,950	24,480	12,600	14,599	10,470	10,570	12,150	27,680	39,154
1979	84,430	37,080	123,700	54,840	38,620	22,200	10,430	14,050	23,370	39,130	43,660	38,080	44,133
1980	23,090	11,140	63,620	92,830	38,540	14,090	9,929	7,014	4,072	4,415	9,003	14,690	24,369
1981	5,961	95,170	30,190	31,110	39,980	27,380	14,190	7,363	7,988	21,440	29,880	20,830	27,624
1982	24,890	45,990	78,520	65,570	21,260	60,580	17,160	7,824	5,043	4,962	9,546	19,390	30,061
1983	16,580	38,560	44,900	107,800	71,610	28,620	14,760	6,133	4,131	5,787	18,560	77,150	36,216
1984	17,610	99,170	44,290	109,700	59,650	44,930	30,259	24,060	8,532	6,159	13,130	47,840	42,111
1985	25,729	30,290	49,180	45,480	20,370	15,340	8,849	6,533	8,428	11,640	48,510	45,900	26,354
1986	26,100	54,930	89,830	51,500	23,920	28,110	15,140	15,609	6,439	14,499	47,260	53,320	35,555
1987	24,040	17,070	49,630	81,420	24,120	13,580	16,670	6,218	26,050	15,670	21,280	36,030	27,648
1988	20,670	46,470	42,710	30,980	53,990	13,070	6,803	6,763	10,830	6,803	24,680	13,840	23,134
1989	19,430	22,180	35,120	55,830	90,950	61,670	35,820	10,940	8,192	21,230	28,299	12,839	33,542
1990	33,080	76,240	32,660	46,020	48,170	24,770	24,190	17,680	14,760	67,830	43,920	69,880	41,600
1991	58,730	45,160	64,300	46,200	26,150	7,378	4,763	4,650	3,842	5,475	9,811	22,080	24,878

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1992	23,670	19,410	54,500	57,580	29,020	21,250	18,830	20,240	17,750	18,160	45,080	38,530	30,335
1993	56,680	14,929	65,610	217,000	37,940	11,510	6,381	5,784	7,130	10,670	39,650	57,660	44,245
1994	17,550	44,570	121,400	136,500	33,210	23,710	21,070	44,960	17,750	13,580	23,110	49,580	45,583
1995	55,460	20,260	41,660	30,980	20,370	18,020	11,750	4,936	3,459	22,160	37,980	27,420	24,538
1996	103,100	60,029	65,130	65,430	75,310	23,590	21,730	13,460	36,110	45,650	61,329	98,870	55,812
1997	29,030	43,580	66,820	36,690	28,530	21,830	7,728	7,136	7,357	6,758	36,340	27,789	26,632
1998	82,610	68,420	88,110	79,240	65,250	22,470	19,630	6,148	4,517	6,605	5,054	6,122	37,848
1999	43,470	38,420	51,540	54,100	17,640	6,226	4,755	4,920	15,890	15,930	14,480	29,409	24,732
2000	22,400	41,200	74,450	83,720	49,290	37,990	12,980	12,300	7,376	10,560	10,280	27,439	32,499
2001	12,910	29,970	45,330	80,220	15,190	19,910	8,941	4,668	7,527	6,701	6,193	22,090	21,638
2002	12,650	38,400	39,790	42,610	76,350	44,910	9,531	4,254	5,160	23,660	36,540	42,470	31,360
2003	44,270	25,330	103,300	68,630	39,100	71,230	23,460	40,130	48,220	42,140	66,750	83,010	54,631
2004	50,780	24,670	81,280	70,260	55,370	24,790	31,090	42,270	104,100	30,360	34,030	77,160	52,180
2005	84,980	44,160	59,380	99,690	18,240	10,660	9,310	4,646	5,909	27,700	35,390	54,200	37,855
2006	85,530	52,900	26,080	30,090	23,870	54,150	45,830	14,040	33,790	missing	missing	missing	missing
2007	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Mean	37,700	40,700	73,500	72,200	44,500	26,700	15,600	12,000	12,700	17,600	26,800	35,200	34,600
Max	103,100	153,500	216,100	217,000	103,900	166,800	71,450	44,960	104,100	75,150	83,540	98,870	
Min	3,876	9,123	27,460	20,380	12,750	6,226	3,315	2,878	2,066	2,356	2,303	3,835	

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