

## Monthly Mean Streamflow

Lat = 40 57 29

Susquehanna River at Danville, PA

Lon = 76 37 10

Flood Stage = 20 ft

Period of Record 1905 - 2009

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	
1905	missing	missing	missing	26,690	6,975	11,620	6,260	6,885	15,520	10,060	6,878	22,360	missing
1906	18,760	13,000	22,820	44,750	14,010	18,240	8,100	5,331	3,202	7,000	12,300	13,960	15,123
1907	32,910	5,860	26,290	20,100	15,809	6,923	6,359	2,296	6,974	12,670	22,020	35,290	16,125
1908	16,680	25,740	51,259	27,780	31,219	5,752	3,637	1,960	1,016	1,346	1,935	1,602	14,161
1909	16,220	38,830	23,740	31,820	32,710	11,850	2,798	1,852	1,437	1,545	1,593	2,584	13,915
1910	12,070	7,473	55,379	20,850	17,720	14,050	2,864	1,486	1,566	1,636	4,058	3,169	11,860
1911	23,580	9,125	23,720	34,140	7,699	8,713	2,594	2,343	5,891	12,700	11,550	16,960	13,251
1912	7,800	10,780	38,270	53,280	21,170	5,148	2,088	3,116	15,420	11,570	16,189	19,600	17,036
1913	43,230	9,358	45,020	24,970	12,600	6,498	2,440	1,318	1,540	4,069	11,870	8,030	14,245
1914	8,545	18,160	34,920	64,170	31,080	5,310	6,131	6,258	4,822	2,159	2,400	2,742	15,558
1915	33,090	42,620	14,230	14,970	10,860	4,194	28,490	23,110	8,444	10,920	7,879	13,260	17,672
1916	28,699	13,950	22,340	71,860	18,850	27,360	10,610	3,262	3,701	6,272	6,212	9,144	18,522
1917	16,300	6,172	31,350	23,390	14,130	31,190	19,040	17,000	7,562	17,750	18,310	3,981	17,181
1918	2,347	25,200	49,110	34,650	18,290	12,060	5,111	2,849	6,956	11,030	16,260	12,810	16,389
1919	14,249	7,635	23,630	24,330	31,250	6,039	5,546	4,664	2,473	3,100	17,670	13,300	12,824
1920	4,013	2,841	60,370	26,320	11,050	5,346	8,229	8,514	7,688	11,500	14,870	29,340	15,840
1921	9,878	11,120	42,470	19,140	12,590	3,280	3,948	3,594	2,664	3,542	20,660	22,200	12,924
1922	7,430	18,650	37,800	38,940	11,050	28,690	14,460	5,834	4,916	2,402	2,329	2,821	14,610
1923	10,690	7,754	41,870	21,040	17,200	5,029	2,908	2,134	2,489	4,246	4,884	18,240	11,540
1924	23,650	6,334	16,110	46,590	27,550	7,487	6,139	3,030	4,367	21,010	4,001	6,196	14,372
1925	3,600	42,760	23,410	17,220	13,089	4,436	6,850	5,852	5,555	7,076	21,570	18,530	14,162
1926	11,030	17,380	32,950	37,850	8,879	4,755	2,623	6,863	7,270	16,560	38,540	9,884	16,215
1927	13,630	24,310	49,610	17,990	28,470	9,109	3,675	3,729	4,692	27,320	34,140	41,170	21,487
1928	15,980	19,430	23,570	35,390	26,120	25,300	22,670	8,542	3,481	2,541	3,878	7,904	16,234
1929	5,729	6,196	43,640	57,570	34,080	6,229	3,345	2,015	1,802	7,475	11,290	15,509	16,240
1930	23,530	14,160	32,470	21,570	10,890	10,450	4,406	1,318	2,093	1,186	1,169	2,215	10,455
1931	1,853	4,309	22,200	34,740	25,440	8,604	7,905	3,169	2,181	1,501	2,730	10,830	10,455
1932	23,410	22,480	14,430	45,700	19,010	4,794	4,662	2,627	1,279	12,850	26,930	7,635	15,484
1933	10,230	7,600	29,370	38,910	13,080	5,651	3,423	14,990	18,410	6,982	8,904	12,650	14,183
1934	19,520	4,192	21,120	37,360	7,989	5,057	2,447	1,979	8,769	6,301	11,080	18,820	12,053
1935	22,380	9,110	35,520	33,970	21,640	5,199	22,850	5,455	2,698	2,206	25,460	17,460	16,996
1936	11,610	6,014	91,900	30,280	9,428	4,058	1,738	2,352	1,768	3,523	14,260	14,800	15,978
1937	36,760	17,490	16,089	41,430	19,630	9,863	5,218	7,180	5,984	14,650	17,010	15,759	17,255
1938	13,430	25,760	26,470	20,810	9,120	5,054	5,117	5,447	13,280	5,505	8,292	27,460	13,812
1939	9,322	34,870	36,540	32,930	7,258	2,803	1,605	1,661	912	2,139	5,256	7,104	11,867
1940	3,911	4,176	20,620	97,110	18,020	10,990	6,578	2,343	6,115	3,741	10,950	18,200	16,896
1941	14,990	7,337	16,380	43,570	5,643	4,415	2,465	3,132	1,457	1,127	2,712	8,076	9,275
1942	7,613	8,429	41,600	24,080	20,540	10,580	4,605	6,132	4,972	13,660	20,190	23,620	15,502
1943	33,560	22,900	40,340	29,809	44,980	14,599	3,654	2,940	2,011	8,207	23,310	6,596	19,409
1944	3,754	7,272	30,950	32,900	24,280	11,170	4,149	1,845	2,161	3,931	5,461	11,790	11,639
1945	11,520	14,770	66,540	19,050	32,990	15,570	10,140	7,149	12,030	19,910	27,539	18,900	21,342
1946	20,490	7,163	38,140	7,664	37,300	25,600	7,933	7,651	3,090	8,306	5,702	4,394	14,453
1947	18,590	13,560	24,790	43,390	41,620	20,500	18,230	8,488	4,690	1,941	8,676	6,634	17,592
1948	4,121	14,370	54,330	37,420	24,970	10,650	6,838	4,418	1,623	1,734	8,543	11,810	15,069
1949	35,400	21,690	18,290	22,480	15,480	4,502	1,971	2,173	3,479	3,987	6,451	16,130	12,669
1950	24,950	15,359	36,690	45,660	16,260	13,760	4,992	4,979	11,580	6,291	21,130	35,330	19,748
1951	27,270	35,210	31,730	36,270	7,972	6,465	8,685	3,544	2,209	2,206	12,090	19,780	16,119
1952	34,060	19,190	35,650	34,000	23,940	7,858	7,143	3,423	4,159	1,829	7,034	23,580	16,822
1953	23,490	21,100	29,130	26,670	24,500	8,629	2,607	1,589	1,653	1,477	3,817	12,460	13,094
1954	7,151	23,560	24,230	25,310	25,180	9,309	2,410	1,380	2,335	1,642	11,060	17,820	12,616
1955	15,950	13,270	44,810	17,850	7,356	4,393	1,708	8,922	3,071	30,330	29,280	9,984	15,577

Drainage Area = 11,220 sq mi

Gage Datum = 431.29 ft MSL

Susquehanna Basin (Main stem)

Harford County

## Monthly Mean Streamflow

Lat = 40 57 29

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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	
1956	7,694	16,860	45,600	56,540	20,630	9,339	7,264	3,276	7,350	6,066	8,861	24,800	17,857
1957	15,939	12,210	23,660	41,090	15,530	5,294	3,321	2,268	1,836	2,209	4,507	18,600	12,205
1958	13,370	7,872	29,940	75,350	28,060	12,570	7,421	3,451	4,858	7,035	13,690	8,810	17,702
1959	18,280	16,339	25,169	36,320	11,630	3,675	2,289	1,514	2,188	9,127	25,600	35,820	15,663
1960	20,550	23,580	12,950	61,820	24,610	23,230	5,934	4,531	12,430	4,796	5,715	3,983	17,011
1961	3,274	25,900	37,090	47,330	23,860	12,709	5,200	5,043	3,096	1,545	3,461	5,740	14,521
1962	13,180	6,175	28,160	46,910	10,470	2,923	1,359	1,675	1,339	8,947	14,020	9,736	12,075
1963	8,028	6,514	43,000	26,730	14,650	6,684	2,889	1,933	1,241	984	2,717	9,145	10,376
1964	20,300	10,970	61,210	29,170	14,840	3,420	1,744	1,091	740	868	852	2,786	12,333
1965	5,624	17,150	11,740	24,410	11,850	4,189	1,308	1,625	2,080	4,580	6,735	9,639	8,411
1966	8,595	20,440	39,060	17,930	22,370	8,552	2,165	1,613	1,574	2,083	3,854	11,340	11,631
1967	10,160	12,080	27,270	29,709	25,990	7,602	5,666	8,076	4,438	9,505	23,460	20,470	15,369
1968	7,423	15,989	28,220	15,440	20,160	23,070	8,742	2,452	6,052	3,333	23,610	16,750	14,270
1969	10,890	11,890	14,670	31,140	14,180	10,920	5,906	6,460	1,892	1,787	14,840	15,540	11,676
1970	7,226	26,450	19,530	55,460	15,930	5,449	4,482	2,666	2,633	6,641	16,550	12,700	14,643
1971	9,125	23,530	42,660	35,140	20,990	4,894	2,298	4,425	2,944	2,684	4,069	23,410	14,681
1972	18,110	7,645	46,580	41,550	33,120	62,370	17,240	4,701	2,416	2,947	31,840	42,700	25,935
1973	22,360	20,490	28,310	34,380	23,570	12,670	9,428	4,203	4,500	3,078	5,471	37,380	17,153
1974	26,780	20,990	26,140	40,960	16,070	6,803	7,448	3,229	8,007	4,983	12,400	23,030	16,403
1975	23,040	31,680	28,970	20,670	22,150	13,790	5,816	3,435	30,900	29,060	16,280	15,570	20,113
1976	18,770	46,420	32,500	20,480	19,450	14,540	11,430	10,040	5,698	35,080	15,240	11,090	20,062
1977	5,187	11,250	57,620	34,250	14,010	4,443	4,050	4,237	25,450	43,890	30,969	37,730	22,757
1978	37,030	13,910	44,050	43,570	21,820	8,738	3,502	5,632	3,754	5,335	5,659	11,440	17,037
1979	40,070	15,070	55,340	27,039	17,820	8,873	3,034	2,615	5,315	10,040	17,240	15,759	18,185
1980	8,755	4,010	32,190	40,040	13,139	3,983	4,474	2,226	1,417	1,796	4,388	7,380	10,317
1981	2,728	43,290	13,239	12,120	16,410	9,403	4,523	2,874	3,893	13,080	17,500	12,120	12,598
1982	11,490	18,030	33,400	33,170	8,892	23,790	8,542	3,128	1,816	1,782	4,192	8,903	13,095
1983	8,560	19,620	20,320	56,670	34,060	10,080	4,799	2,358	1,588	1,799	6,226	39,040	17,093
1984	6,461	38,810	18,270	55,060	34,360	18,060	12,910	8,550	3,356	2,417	5,029	22,070	18,779
1985	11,380	10,600	23,500	16,580	7,275	5,319	3,657	2,811	5,619	7,923	19,840	20,260	11,230
1986	12,640	21,340	46,380	24,880	12,939	14,110	6,766	10,080	3,081	7,225	24,780	24,530	17,396
1987	10,170	5,770	28,000	40,150	7,786	5,250	7,155	2,550	13,130	7,070	10,590	16,850	12,873
1988	8,529	18,380	21,940	15,350	23,100	5,380	3,434	2,732	4,601	3,266	14,130	6,838	10,640
1989	6,531	8,508	14,050	28,440	44,090	27,710	8,753	3,365	3,641	11,060	16,660	6,548	14,946
1990	16,500	40,980	20,070	25,260	25,800	8,817	7,579	5,668	4,079	26,710	25,310	32,050	19,902
1991	24,930	22,320	30,730	24,190	13,420	3,435	1,729	1,715	1,481	2,220	6,080	13,280	12,128
1992	13,760	9,441	27,960	30,280	16,710	12,410	7,591	10,980	8,582	10,860	25,470	18,250	16,025
1993	26,550	6,229	21,870	106,900	16,289	4,904	2,365	2,081	2,733	3,898	18,800	24,950	19,797
1994	8,276	20,330	48,400	68,430	14,580	12,630	11,290	21,810	8,567	6,622	12,100	21,680	21,226
1995	22,830	9,418	23,150	16,080	7,514	4,984	2,527	1,937	1,605	10,850	18,460	12,559	10,993
1996	44,410	21,470	25,310	36,640	40,940	9,710	10,710	5,867	5,504	14,979	31,230	49,410	24,682
1997	14,240	15,160	29,840	21,720	16,010	7,591	2,972	2,166	2,306	2,072	7,568	11,440	11,090
1998	39,690	24,400	44,160	36,060	22,520	13,560	14,090	2,745	2,003	2,797	2,327	3,303	17,305
1999	21,190	19,580	24,930	26,100	7,587	2,427	1,961	1,087	6,046	6,697	6,917	14,520	11,587
2000	14,310	21,490	40,550	45,100	32,860	21,720	7,803	7,372	4,247	7,028	5,770	15,200	18,621
2001	6,745	15,659	22,020	46,520	6,408	10,530	4,397	2,154	3,849	2,856	2,552	10,170	11,155
2002	6,552	23,180	20,410	20,610	34,040	23,660	4,578	1,795	2,543	13,030	17,810	20,840	15,754
2003	18,500	12,350	48,140	33,290	14,249	32,960	11,420	13,990	17,460	18,550	28,830	37,990	23,977
2004	19,150	7,373	34,870	27,970	23,720	10,630	13,780	19,720	40,630	12,380	14,500	35,800	21,710
2005	36,310	21,020	26,950	54,720	8,578	4,813	3,675	1,591	2,374	18,200	21,280	25,800	18,776
2006	40,330	24,280	14,620	15,360	10,930	36,060	28,330	8,739	14,520	19,120	35,260	15,110	21,888

Drainage Area = 11,220 sq mi

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**Susquehanna River at Danville, PA**

**Lon = 76 37 10**

**Flood Stage = 20 ft**

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**Floods = INC**

<b>2007</b>	27,740	6,235	44,620	37,170	13,400	4,388	3,018	3,000	2,291	7,150	17,420	30,010	16,370
<b>2008</b>	25,320	38,990	54,350	27,220	12,190	4,720	5,167	4,305	2,220	missing	missing	missing	missing
<b>2009</b>	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing
<b>YEAR</b>	No Incomplete Data is used for Statistical Calculation - Discharge, cubic feet per second												<b>Avg</b>
	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	
<b>Mean</b>	16,700	17,000	32,800	34,900	19,200	11,000	6,540	4,800	5,510	8,100	13,300	16,600	15,538
<b>Max</b>	44,410	46,420	91,900	106,900	44,980	62,370	28,490	23,110	40,630	43,890	38,540	49,410	
<b>Min</b>	1,853	2,841	11,740	7,664	5,643	2,427	1,308	1,087	740	868	852	1,602	

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**Harford County**