

Monthly Mean Streamflow

Lat = 41 14 10 West Branch Susquehanna River at Williamsport, PA Lon = 76 59 49
Flood Stage = 20 ft Period of Record 1895 - 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	
1895	missing	missing	20,740	19,510	5,517	3,479	2,945	1,898	1,030	746	1,462	4,519	missing
1896	5,703	10,860	13,610	19,410	3,852	7,451	6,274	6,379	1,560	12,750	8,769	6,243	8,572
1897	4,955	9,491	25,250	13,869	14,280	3,046	3,406	3,680	1,706	1,286	6,711	11,470	8,263
1898	15,800	12,210	28,740	12,889	10,530	4,289	2,056	4,467	1,529	7,370	8,511	7,590	9,665
1899	12,000	9,305	26,730	15,690	7,483	2,723	1,748	1,336	1,845	1,008	5,744	9,256	7,906
1900	13,300	14,090	15,620	13,980	4,923	4,043	2,046	1,311	931	1,821	8,513	8,555	7,428
1901	5,181	3,010	20,190	26,190	14,879	12,300	2,911	7,047	6,292	2,122	4,264	18,500	10,241
1902	7,085	5,592	35,970	19,040	4,711	3,372	20,080	4,869	1,722	3,545	2,461	12,500	10,079
1903	7,814	23,270	32,850	17,810	2,938	7,924	9,743	6,017	5,889	8,310	8,772	3,519	11,238
1904	9,825	10,320	33,450	22,730	12,070	7,168	6,215	1,540	1,170	2,309	1,648	1,660	9,175
1905	11,230	3,588	28,680	11,310	6,029	8,253	5,619	5,983	3,682	6,536	5,550	18,320	9,565
1906	14,080	4,266	7,601	21,970	7,632	5,316	2,702	4,905	2,532	4,538	5,124	7,024	7,308
1907	20,140	4,976	24,400	9,355	8,842	8,012	5,235	994	1,767	3,245	7,090	11,960	8,835
1908	11,250	14,099	37,760	14,890	24,770	5,714	2,058	1,373	583	917	900	1,443	9,646
1909	8,078	23,220	12,260	17,910	21,780	8,715	1,806	807	577	803	675	1,187	8,152
1910	7,674	4,358	31,140	18,630	8,556	6,889	1,512	592	1,506	914	1,047	1,603	7,035
1911	17,420	11,390	13,380	22,290	7,913	6,902	2,958	4,499	13,089	20,720	10,990	15,780	12,278
1912	6,158	5,245	27,430	24,980	17,330	2,642	1,153	1,731	9,076	6,761	7,530	5,911	9,662
1913	24,270	8,444	23,100	10,680	10,790	5,260	5,983	1,797	1,072	6,733	11,180	6,067	9,615
1914	8,177	14,440	20,900	24,250	17,920	2,110	1,525	1,008	799	760	1,036	1,679	7,884
1915	17,090	27,250	8,375	8,045	7,652	5,600	10,760	6,400	2,398	4,398	3,705	6,788	9,038
1916	15,440	9,501	21,390	31,750	9,749	34,740	3,783	1,335	1,204	2,211	1,687	2,905	11,308
1917	8,169	5,325	21,780	12,190	9,028	12,490	7,503	6,460	2,434	11,840	6,652	1,508	8,782
1918	950	16,089	25,380	16,610	13,260	8,818	2,396	2,465	7,491	7,744	11,260	9,974	10,203
1919	8,424	4,557	14,470	9,769	32,020	6,422	5,437	4,012	2,070	5,202	15,920	9,813	9,843
1920	2,864	2,645	31,590	15,459	8,447	7,234	2,345	3,305	2,405	3,129	8,689	11,770	8,324
1921	7,140	9,786	20,200	10,610	12,810	3,911	2,336	4,111	5,386	2,664	16,810	13,440	9,100
1922	5,617	11,230	18,020	18,720	9,071	8,783	3,809	1,283	994	941	797	1,297	6,714
1923	6,526	7,741	26,650	8,393	17,380	2,685	1,248	1,358	1,234	914	1,202	14,620	7,496
1924	20,080	5,666	13,339	26,120	23,570	8,162	11,270	2,341	2,299	5,033	1,228	4,664	10,314
1925	2,093	22,470	10,090	5,225	11,570	2,800	2,227	1,419	776	1,453	9,478	7,304	6,409
1926	6,667	11,640	18,700	13,400	3,042	5,769	1,843	5,658	11,210	10,230	18,860	6,387	9,451
1927	12,939	18,000	31,290	15,840	18,090	7,647	1,610	1,559	801	6,413	16,610	24,140	12,912
1928	6,954	11,820	16,980	27,850	13,560	22,660	16,480	3,431	1,460	1,288	2,250	4,361	10,758
1929	6,860	4,428	28,070	26,360	19,970	4,730	2,768	870	799	5,970	9,961	11,600	10,199
1930	12,880	8,764	17,190	15,720	5,346	5,222	2,062	615	562	416	408	642	5,819
1931	423	1,965	6,804	19,550	23,260	7,018	2,412	1,423	1,178	802	684	5,806	5,944
1932	15,700	10,080	7,412	19,090	14,190	2,642	2,118	705	425	1,335	9,216	4,103	7,251
1933	7,775	5,763	20,210	20,920	17,940	6,975	2,780	4,665	5,484	1,752	3,140	7,735	8,762
1934	12,070	2,355	8,229	19,000	2,772	2,032	973	1,029	3,085	2,925	7,295	9,377	5,929
1935	11,880	4,886	22,750	12,790	14,860	3,860	5,319	2,898	1,123	962	5,457	8,545	7,944
1936	5,319	2,614	62,970	16,139	4,334	2,558	1,128	1,504	1,159	3,528	9,079	9,825	10,013
1937	30,209	8,367	8,769	22,660	14,670	4,380	2,251	4,962	2,501	6,929	12,320	12,750	10,897
1938	11,020	15,939	16,210	15,820	8,438	4,890	2,715	1,018	804	768	1,098	2,753	6,789
1939	2,253	19,250	19,930	15,120	5,004	2,227	1,539	671	443	1,267	2,041	2,212	5,996
1940	1,550	2,356	13,550	49,060	11,140	6,388	3,205	1,147	1,905	639	2,834	12,600	8,865
1941	7,495	3,304	10,370	18,610	2,766	4,918	2,215	2,043	1,135	818	2,110	7,641	5,285
1942	5,646	5,766	24,580	19,890	14,580	4,940	7,289	2,324	1,995	6,034	10,770	13,580	9,783
1943	17,680	13,560	17,040	21,900	21,560	9,919	1,786	1,270	607	1,768	6,464	2,146	9,642
1944	3,057	5,367	20,100	16,920	17,620	8,041	1,986	925	1,067	2,137	1,651	3,933	6,900
1945	6,239	10,530	41,580	14,399	23,130	8,620	2,811	2,537	4,700	8,148	17,290	11,230	12,601

Drainage Area = 5,682 sq mi
Gage Datum = 494.98 ft MSL

West Branch Susquehanna Basin
Lycoming County

Monthly Mean Streamflow

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Flood Stage = 20 ft Period of Record 1895 - 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	
1946	13,070	4,265	23,450	4,633	23,910	17,200	4,328	3,536	1,413	6,705	3,811	3,598	9,160
1947	15,050	7,161	9,338	16,810	19,880	9,368	5,795	2,950	2,760	936	4,345	5,070	8,289
1948	4,567	11,390	22,460	29,640	17,070	5,030	4,009	2,209	876	1,207	5,187	11,290	9,578
1949	21,400	15,350	9,586	15,590	9,120	2,595	1,146	944	1,103	1,116	1,850	8,233	7,336
1950	18,450	12,360	17,770	19,880	10,660	7,089	3,126	3,292	3,514	8,689	28,330	19,850	12,751
1951	18,040	21,070	21,910	21,820	8,042	8,471	3,928	1,120	725	579	1,985	8,558	9,687
1952	25,660	13,469	21,400	21,780	17,820	4,089	1,150	1,520	936	737	4,021	9,079	10,138
1953	11,320	9,859	18,030	15,740	21,770	12,390	1,653	1,589	907	698	1,888	4,516	8,363
1954	3,554	9,500	19,910	15,350	13,719	7,462	1,578	1,125	821	3,635	3,130	9,295	7,423
1955	10,920	7,734	27,100	10,320	4,875	3,693	1,503	2,187	1,224	12,240	10,730	4,820	8,112
1956	2,624	13,110	26,170	21,150	16,480	8,496	9,433	10,200	4,816	4,577	10,300	15,780	11,928
1957	10,080	10,520	13,540	29,600	6,677	2,864	1,719	876	809	856	1,360	9,449	7,363
1958	5,964	3,698	14,490	29,130	16,970	5,616	7,000	5,652	3,817	3,169	4,751	4,043	8,692
1959	12,170	12,509	15,950	20,390	9,989	2,798	1,744	1,143	956	4,484	10,830	14,610	8,964
1960	10,910	10,030	8,033	24,520	23,310	11,320	3,315	1,843	2,153	1,077	1,539	1,047	8,258
1961	1,395	16,360	22,020	23,880	12,040	5,738	3,310	2,891	1,568	948	3,221	3,476	8,071
1962	6,793	5,658	21,100	29,350	5,711	2,157	910	852	1,041	3,129	4,969	3,191	7,072
1963	4,926	2,629	29,170	11,060	9,358	5,142	1,613	962	972	612	1,782	4,209	6,036
1964	8,016	5,286	40,520	19,560	10,000	2,260	1,248	1,461	566	568	609	2,462	7,713
1965	6,914	11,910	11,820	18,560	8,897	2,597	924	903	960	1,891	2,893	3,295	5,964
1966	5,352	13,460	18,080	9,015	18,700	3,187	847	815	1,138	1,219	5,076	9,828	7,226
1967	3,555	8,085	24,450	15,960	17,630	4,978	4,123	4,258	3,690	9,728	11,190	10,900	9,879
1968	3,613	9,287	12,210	9,065	16,500	13,289	3,491	1,323	1,978	1,366	9,184	8,588	7,491
1969	6,288	7,195	5,558	16,089	11,100	4,025	3,161	3,512	1,281	1,240	6,259	7,362	6,089
1970	3,955	13,569	12,730	34,760	11,940	4,383	3,559	2,552	2,765	6,778	19,660	12,820	10,789
1971	6,247	15,670	22,100	15,459	8,767	2,798	1,845	1,513	2,844	2,399	3,396	12,880	7,993
1972	12,650	4,801	28,249	22,470	13,510	37,400	16,670	2,264	1,766	1,648	10,600	24,060	14,674
1973	8,435	15,520	19,590	14,680	15,010	9,701	4,130	5,174	3,523	5,023	10,740	21,020	11,046
1974	17,980	10,480	18,240	21,850	11,460	4,817	7,195	2,264	6,561	2,783	7,030	13,540	10,350
1975	13,730	23,250	19,370	9,016	13,480	13,280	4,612	2,267	20,280	11,860	9,115	10,020	12,523
1976	10,950	25,700	13,740	7,941	6,508	11,970	5,299	4,371	2,056	11,630	7,056	5,825	9,421
1977	3,076	6,465	27,689	19,600	5,254	2,964	8,414	4,718	6,757	13,919	18,830	18,790	11,373
1978	16,230	6,050	24,210	22,150	23,430	7,008	2,438	2,955	3,084	2,898	3,568	9,341	10,280
1979	19,860	6,835	37,050	15,780	8,844	5,322	3,012	5,239	6,483	14,440	13,940	10,470	12,273
1980	5,668	2,882	16,820	25,040	10,620	5,259	3,000	2,751	1,142	1,635	2,972	5,244	6,919
1981	1,713	29,099	8,621	12,310	15,480	11,030	5,322	2,381	2,640	7,891	8,064	6,084	9,220
1982	7,463	12,970	24,920	17,220	7,425	17,920	4,340	1,790	1,252	1,093	3,305	6,550	8,854
1983	3,973	8,252	12,690	21,750	17,890	10,640	4,969	1,580	980	1,540	6,170	17,290	8,977
1984	3,419	28,999	11,920	26,889	18,500	15,170	9,154	9,720	2,147	1,590	5,461	17,070	12,503
1985	7,784	10,490	16,910	14,620	5,117	4,964	2,567	1,649	2,178	1,283	17,350	12,820	8,144
1986	9,010	15,720	20,980	12,480	4,848	10,090	5,607	2,911	1,570	4,939	16,760	14,660	9,965
1987	6,038	3,751	12,400	20,280	7,725	4,746	6,558	1,717	6,373	5,223	4,821	10,380	7,501
1988	5,679	13,910	12,780	7,695	14,240	2,876	1,276	1,847	2,501	1,816	5,946	3,884	6,204
1989	5,737	8,316	12,360	15,320	21,110	20,380	6,530	1,860	1,893	3,439	5,862	2,972	8,815
1990	9,845	20,770	7,763	12,970	11,970	7,635	12,340	6,621	7,000	20,850	10,020	19,460	12,270
1991	15,400	13,120	19,190	11,960	6,457	1,733	1,351	883	1,019	1,153	1,797	5,094	6,596
1992	7,110	5,752	13,610	16,339	6,074	4,147	9,250	8,697	7,060	5,054	14,440	10,820	9,029
1993	18,390	4,274	19,310	51,090	9,380	2,965	1,414	1,472	2,594	4,228	15,670	15,140	12,161
1994	5,413	12,020	29,290	36,740	9,315	8,676	5,372	16,450	4,666	2,879	6,792	14,490	12,675
1995	14,320	5,522	10,280	9,358	7,727	5,873	2,766	1,204	680	5,184	9,986	7,488	6,699
1996	25,629	17,630	19,130	13,710	18,790	4,652	5,094	2,582	12,740	15,320	19,200	22,130	14,717

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Lycoming County

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Lon = 76 59 49

Flood Stage = 20 ft

Period of Record 1895 - 2009

Floods = INC

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1997	7,178	14,230	21,080	8,220	7,662	6,391	1,713	2,270	1,827	2,008	14,440	8,696	7,976
1998	19,210	16,339	19,080	21,630	17,680	3,691	2,304	1,138	776	1,281	966	1,411	8,792
1999	11,130	11,580	15,520	16,780	4,435	1,501	1,208	829	1,918	2,570	4,879	8,010	6,697
2000	5,429	10,500	15,050	20,640	9,255	8,966	2,577	2,356	1,436	2,890	2,597	5,799	7,291
2001	2,663	9,094	12,450	16,970	4,493	4,713	1,838	1,140	2,451	2,072	2,504	9,748	5,845
2002	4,500	10,790	12,640	12,350	22,940	12,360	2,036	1,036	1,096	2,962	6,599	8,289	8,133
2003	10,630	5,518	25,840	15,330	9,019	14,430	6,353	14,260	15,540	10,930	18,890	19,460	13,850
2004	15,700	4,392	24,870	18,270	15,930	5,495	11,160	9,491	32,070	6,507	8,856	19,500	14,353
2005	24,960	11,800	13,810	19,010	3,136	2,129	1,696	938	1,321	4,572	9,095	12,410	8,740
2006	20,490	10,550	5,902	7,152	6,079	7,702	5,869	3,076	9,890	9,796	15,760	6,416	9,057
2007	16,600	3,689	23,630	12,720	8,112	2,591	1,105	1,920	971	843	3,695	10,350	7,186
2008	9,485	17,400	28,950	12,000	11,120	3,066	2,153	1,069	1,108	missing	missing	missing	missing
2009	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	10,000	10,500	19,900	18,100	12,100	7,070	4,050	2,930	3,110	4,240	7,180	9,050	9,019
Max	30,209	29,099	62,970	51,090	32,020	37,400	20,080	16,450	32,070	20,850	28,330	24,140	
Min	423	1,965	5,558	4,633	2,766	1,501	847	592	425	416	408	642	

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Lycoming County