

Monthly Mean Streamflow

Lat = 41 19 28 West Branch Susquehanna River at Renovo, PA Lon = 77 45 03
Flood Stage = 16 ft Period of Record 1907 - 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	
1907	missing	missing	missing	missing	missing	missing	missing	missing	missing	1,859	3,762	6,778	missing
1908	6,339	8,916	25,240	9,416	14,580	3,468	970	548	166	190	205	844	5,907
1909	5,017	13,730	6,928	11,900	11,440	4,923	1,124	322	200	371	307	490	4,729
1910	4,599	1,890	19,660	8,900	3,857	3,167	726	289	1,160	568	865	1,477	3,930
1911	12,440	4,827	6,153	11,070	2,802	2,306	824	1,501	6,750	10,330	5,583	7,174	5,980
1912	3,403	3,847	15,350	13,940	9,878	964	605	930	5,406	4,399	4,527	4,069	5,610
1913	18,760	4,733	12,250	5,877	6,778	3,076	4,425	616	370	3,837	7,134	2,660	5,876
1914	5,052	8,086	12,400	12,839	9,352	1,255	695	458	303	350	549	1,027	4,364
1915	10,300	16,640	4,694	4,271	4,574	3,525	4,989	2,912	1,354	3,560	2,630	4,986	5,370
1916	11,300	5,270	13,890	16,180	5,434	17,630	1,755	627	533	880	1,140	1,966	6,384
1917	4,965	2,755	12,030	6,078	4,972	7,130	4,430	2,767	1,221	7,466	3,165	1,039	4,835
1918	855	13,000	13,690	7,657	6,548	5,335	1,101	1,095	4,250	4,133	6,385	5,957	5,834
1919	5,445	2,483	7,153	4,704	16,670	2,636	1,419	2,267	1,150	3,824	9,066	5,024	5,153
1920	1,552	1,321	16,560	7,826	4,250	4,641	1,187	1,531	1,344	1,863	5,103	5,865	4,420
1921	4,240	5,321	10,440	4,812	6,516	2,090	1,158	2,722	3,884	1,508	11,040	7,082	5,068
1922	3,371	5,086	9,331	10,070	3,783	3,190	1,626	594	561	570	552	1,010	3,312
1923	3,728	4,708	14,970	4,302	10,350	1,418	701	881	622	235	456	9,803	4,348
1924	11,480	3,166	7,975	13,060	13,120	5,411	7,113	1,616	1,226	2,330	580	3,192	5,856
1925	1,069	13,350	5,444	2,456	6,108	1,689	1,472	694	307	815	5,480	3,502	3,532
1926	4,066	7,280	8,999	6,455	1,465	3,454	1,132	2,779	7,407	5,702	7,937	3,478	5,013
1927	8,437	10,280	17,330	8,616	10,070	4,054	955	993	412	3,612	8,482	13,569	7,234
1928	4,120	6,539	10,070	15,670	6,116	12,080	8,100	1,969	681	636	1,574	3,064	5,885
1929	3,980	3,039	15,630	14,410	10,170	2,420	1,761	377	325	3,292	5,817	6,389	5,634
1930	7,372	5,595	8,512	8,389	2,472	2,043	905	166	182	139	174	307	3,021
1931	196	1,190	4,039	10,740	12,150	3,523	1,160	785	759	391	363	4,778	3,340
1932	10,300	5,471	4,722	9,203	6,691	1,517	1,432	367	167	522	3,910	2,315	3,885
1933	4,354	3,057	11,680	10,290	10,380	3,376	1,207	625	655	488	1,317	4,328	4,313
1934	6,068	1,078	4,247	8,673	1,565	1,136	473	672	808	1,292	3,748	4,112	2,823
1935	7,620	2,943	12,070	5,197	8,333	2,057	3,488	1,791	660	428	2,360	4,542	4,291
1936	3,689	1,922	34,370	8,318	2,207	1,439	528	952	549	2,292	5,414	6,294	5,665
1937	19,060	3,986	5,160	13,880	8,078	2,673	1,375	1,870	1,049	3,558	4,781	7,707	6,098
1938	6,257	9,686	9,186	8,952	4,804	2,665	1,428	548	321	267	536	1,013	3,805
1939	1,459	11,280	11,390	7,819	2,546	1,437	955	239	168	742	1,135	1,444	3,385
1940	876	1,650	8,623	25,010	5,301	3,085	2,024	555	1,053	409	1,959	8,219	4,897
1941	4,423	2,351	6,007	9,543	1,436	3,071	1,006	1,109	595	472	1,208	4,142	2,947
1942	3,672	3,328	13,560	10,450	6,019	2,470	4,974	1,262	1,074	3,492	6,244	9,082	5,469
1943	10,110	8,200	9,553	12,380	13,100	5,615	850	621	235	454	2,239	899	5,355
1944	1,981	3,759	12,210	10,070	9,094	3,464	829	359	516	1,443	1,191	2,636	3,963
1945	3,457	6,413	25,300	8,477	12,490	3,911	1,380	1,458	3,159	5,165	9,254	5,426	7,158
1946	6,861	2,570	11,910	2,493	11,850	11,080	2,682	1,761	634	3,548	2,182	2,629	5,017
1947	9,385	3,636	4,921	9,378	11,110	5,311	2,111	1,274	1,468	427	2,625	3,448	4,591
1948	3,046	7,138	11,060	16,880	8,835	3,409	2,462	1,343	392	502	2,150	6,606	5,319
1949	12,480	8,649	5,552	8,555	4,499	1,282	613	398	431	416	702	5,009	4,049
1950	11,780	8,679	10,610	10,420	6,534	3,882	1,942	1,550	1,996	5,518	16,700	10,370	7,498
1951	11,080	12,600	12,470	11,180	5,188	4,533	2,197	577	321	257	1,126	4,715	5,520
1952	16,580	7,430	11,850	12,010	11,080	2,075	457	696	342	297	1,307	3,649	5,648
1953	6,029	5,784	10,690	9,234	13,380	6,838	841	1,007	432	297	488	1,620	4,720
1954	2,209	4,925	11,370	9,101	5,947	4,099	959	677	363	3,056	2,485	7,241	4,369
1955	7,077	5,416	16,540	6,489	2,592	2,508	757	741	396	4,904	6,017	2,813	4,688
1956	1,334	9,212	16,310	12,220	11,480	6,232	6,624	7,664	2,483	2,345	3,547	9,161	7,384
1957	5,797	6,967	6,977	16,130	3,657	1,479	719	327	294	295	476	4,826	3,995

Drainage Area = 2,975 sq mi
Gage Datum = 634.19 ft MSL

West Branch Susquehanna Basin
Clinton County

Monthly Mean Streamflow

Lat = 41 19 28 West Branch Susquehanna River at Renovo, PA Lon = 77 45 03
Flood Stage = 16 ft Period of Record 1907 - 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	
1958	2,895	1,731	7,750	14,800	9,941	3,594	4,938	4,013	2,489	1,710	3,101	2,490	4,954
1959	7,756	7,967	8,869	11,750	6,570	1,565	852	578	393	2,367	5,354	7,955	5,165
1960	6,771	5,744	4,839	11,920	13,790	6,594	1,646	723	726	392	661	459	4,522
1961	728	10,480	13,010	13,139	6,855	3,461	2,124	1,827	810	428	2,466	2,441	4,814
1962	4,415	3,662	11,920	15,680	3,347	1,131	404	392	774	1,402	2,354	1,353	3,903
1963	3,019	1,245	17,080	6,027	4,656	2,935	847	476	716	235	1,164	2,110	3,376
1964	4,805	2,184	23,610	11,990	4,792	1,125	693	1,027	203	232	327	2,083	4,423
1965	5,963	8,108	7,821	10,820	4,690	1,171	368	355	554	1,085	2,118	2,089	3,762
1966	3,578	8,028	9,337	6,209	11,150	1,433	373	421	614	736	2,644	6,138	4,222
1967	2,096	5,209	15,370	9,087	9,481	2,051	2,048	1,706	2,723	5,167	6,054	5,876	5,572
1968	2,261	5,819	5,961	5,447	10,240	5,624	1,490	629	780	731	3,890	5,151	4,002
1969	4,398	4,804	3,141	9,004	6,385	1,969	1,582	1,692	559	626	3,281	4,275	3,476
1970	2,645	7,735	7,984	19,580	8,298	2,368	1,933	1,175	2,095	3,560	10,460	8,453	6,357
1971	4,079	9,564	12,290	8,711	5,294	1,366	1,050	757	1,858	1,302	1,641	8,004	4,660
1972	8,053	2,503	14,220	11,620	6,254	18,840	7,654	1,007	1,004	945	5,705	12,810	7,551
1973	4,402	7,534	10,400	7,632	7,887	5,192	2,169	2,363	1,287	2,701	6,136	9,774	5,623
1974	10,360	5,221	10,120	11,060	6,545	2,750	3,891	1,107	4,310	1,560	4,525	7,340	5,732
1975	8,494	12,250	10,340	5,220	7,320	7,025	2,321	1,129	9,220	6,090	4,459	5,545	6,618
1976	5,931	14,160	7,349	4,057	2,973	5,028	2,864	2,523	1,084	5,946	3,406	3,613	4,911
1977	1,597	4,023	15,060	10,330	2,579	1,515	6,248	3,391	3,925	6,667	7,703	10,280	6,110
1978	7,386	2,998	12,250	10,740	12,050	3,457	1,093	1,045	1,413	1,522	2,125	5,867	5,162
1979	9,670	4,096	19,930	9,046	4,995	2,678	1,879	3,321	3,358	7,370	7,264	5,528	6,595
1980	2,932	1,927	9,648	12,800	6,069	3,519	1,860	2,095	692	1,019	1,895	3,634	4,008
1981	1,198	14,299	4,596	7,954	9,516	6,855	2,741	1,198	1,503	5,390	4,800	3,781	5,319
1982	4,390	6,441	14,540	8,275	4,813	7,933	2,237	877	633	538	2,469	4,581	4,811
1983	2,199	4,186	6,937	10,520	9,028	6,481	2,610	763	517	769	3,726	8,196	4,661
1984	1,890	13,360	6,604	12,460	10,720	8,951	4,606	5,300	1,091	823	3,644	9,800	6,604
1985	4,069	6,414	11,030	8,597	2,879	2,636	1,366	827	1,209	609	11,000	6,848	4,790
1986	4,296	10,360	10,410	5,975	2,305	6,116	3,585	1,561	872	3,120	9,541	7,371	5,459
1987	3,266	1,906	6,936	11,190	4,425	2,942	4,455	1,008	3,857	2,483	2,554	6,092	4,260
1988	3,295	7,586	7,326	4,368	6,816	1,399	609	486	955	628	2,996	2,542	3,251
1989	3,474	5,603	7,643	8,314	11,650	11,810	3,017	785	712	1,023	2,457	1,445	4,828
1990	6,579	11,680	4,272	7,400	6,647	4,206	7,377	3,825	4,104	9,531	4,909	11,390	6,827
1991	8,313	7,547	10,810	6,893	3,637	843	829	396	429	441	810	2,904	3,654
1992	3,841	3,844	7,297	9,239	3,187	1,422	5,740	5,336	3,809	2,536	7,725	6,133	5,009
1993	10,420	2,178	10,600	24,100	3,842	1,500	759	711	1,554	2,390	9,350	8,494	6,325
1994	2,970	6,356	16,800	18,670	5,578	5,567	2,304	7,826	2,016	1,173	3,714	7,761	6,728
1995	6,903	3,108	6,064	5,404	5,135	3,763	1,694	676	318	2,037	5,067	4,217	3,699
1996	10,770	9,333	10,230	6,843	9,671	2,258	3,211	1,259	6,852	7,235	9,314	10,040	7,251
1997	3,783	8,451	12,440	4,380	4,759	3,797	886	1,178	873	964	8,961	4,837	4,609
1998	9,117	7,559	9,047	11,530	8,617	1,648	960	519	406	735	431	917	4,291
1999	6,107	6,434	7,477	9,708	2,117	659	612	445	449	839	2,575	3,832	3,438
2000	2,766	5,699	7,430	10,660	4,626	4,492	1,151	1,335	821	1,974	1,569	3,256	3,815
2001	1,259	6,219	6,843	8,727	2,604	2,856	988	571	728	947	1,338	5,300	3,198
2002	2,666	5,734	7,133	7,213	13,010	7,264	1,069	491	551	893	3,179	4,371	4,465
2003	6,195	3,241	12,850	8,110	5,805	6,806	3,825	8,734	8,939	5,852	10,290	9,761	7,534
2004	9,176	2,752	14,570	11,610	9,013	3,430	6,217	5,178	16,900	2,877	4,635	9,705	8,005
2005	13,560	6,257	7,388	7,758	2,057	1,331	926	431	533	2,037	5,200	6,200	4,473
2006	10,700	5,202	3,708	4,602	3,620	3,787	3,206	1,761	5,687	6,719	9,182	3,835	5,167
2007	9,981	2,500	14,540	8,465	4,539	1,669	640	1,441	514	424	2,605	7,111	4,536
2008	6,003	9,962	16,030	6,571	5,749	1,591	991	566	562	missing	missing	missing	missing

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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
YEAR	No Incomplete Data is used for Statistical Calculation - Discharge, cubic feet per second												Avg
Mean	5,870	6,160	10,900	9,740	6,930	3,890	2,110	1,480	1,680	2,220	3,970	5,090	5,003
Max	19,060	16,640	34,370	25,010	16,670	18,840	8,100	8,734	16,890	10,330	16,700	13,569	
Min	196	1,078	3,141	2,456	1,436	659	368	166	166	139	174	307	

