

Monthly Mean Streamflow

Lat = 40 28 32

Juniata River at Newport, PA

Lon = 77 07 46

Flood Stage = 22 ft

Period of Record 1899 - 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	
1899	missing	missing	missing	5,927	4,577	1,829	1,018	1,439	1,787	872	2,095	3,628	missing
1900	6,438	8,564	8,787	4,264	2,226	1,641	954	799	541	823	3,447	3,597	3,507
1901	2,161	2,571	11,730	15,870	12,460	6,847	2,972	4,031	3,264	1,497	1,702	11,310	6,368
1902	6,304	4,913	24,710	14,729	2,285	1,994	4,585	2,211	1,150	3,785	1,939	9,855	6,538
1903	7,645	15,140	14,460	12,960	2,330	3,775	7,322	3,090	3,914	2,917	1,776	1,610	6,412
1904	3,832	4,014	13,180	9,443	5,741	5,160	4,970	1,460	850	856	653	807	4,247
1905	6,404	2,254	12,290	3,890	2,646	3,777	2,139	4,605	2,621	2,944	2,204	6,338	4,343
1906	7,603	2,287	7,022	13,120	2,457	3,557	2,428	3,026	1,768	2,924	2,003	3,071	4,272
1907	11,510	2,907	17,760	5,336	4,782	5,610	1,967	1,128	2,577	1,441	3,458	7,544	5,502
1908	7,845	7,615	22,660	6,360	14,870	3,059	1,794	1,062	836	1,009	897	1,373	5,782
1909	2,539	7,563	4,786	7,934	5,084	3,968	1,113	861	755	891	745	1,144	3,115
1910	4,165	3,242	10,220	7,779	3,609	6,277	1,288	852	1,606	938	770	970	3,476
1911	7,097	4,799	4,198	8,157	2,482	1,666	1,008	1,448	6,889	5,493	3,721	5,149	4,342
1912	2,814	4,355	13,530	9,260	10,650	2,777	2,965	1,870	3,191	2,248	3,054	2,366	4,923
1913	8,421	2,990	7,418	5,071	6,635	3,179	1,429	946	1,138	3,988	4,886	4,154	4,188
1914	6,000	7,158	10,890	12,020	6,261	1,533	1,393	1,168	696	704	714	1,015	4,129
1915	8,028	16,160	4,368	2,026	3,897	7,391	2,295	3,009	1,809	1,671	1,779	3,496	4,661
1916	6,375	5,837	12,930	10,760	3,980	14,320	3,095	1,487	1,159	1,530	1,290	913	5,306
1917	4,139	4,380	11,210	6,001	2,828	4,980	3,582	1,698	1,805	3,998	2,703	865	4,016
1918	845	12,600	9,529	13,100	4,235	2,644	1,158	1,666	1,996	1,212	2,264	4,106	4,613
1919	4,414	3,046	6,834	3,680	13,769	3,756	3,556	3,232	1,416	2,202	5,516	5,465	4,741
1920	2,771	2,890	18,150	9,592	4,689	3,926	1,611	2,937	3,385	2,258	4,689	5,835	5,228
1921	3,871	4,827	8,159	3,565	10,290	1,875	1,918	1,656	1,539	1,151	4,755	7,553	4,263
1922	2,970	7,643	9,161	6,949	3,691	2,681	2,190	846	642	826	557	762	3,243
1923	2,666	4,404	9,222	4,932	5,555	1,656	1,436	1,763	1,241	759	764	6,412	3,401
1924	10,400	3,518	11,130	12,609	13,610	6,378	6,841	1,900	1,482	2,923	1,004	1,110	6,075
1925	1,065	10,100	4,261	2,221	5,466	1,373	1,215	877	559	971	2,880	2,602	2,799
1926	4,847	9,351	6,353	4,632	1,356	1,259	843	1,314	3,275	2,881	9,824	2,445	4,032
1927	5,299	8,924	12,520	7,230	7,775	5,676	2,688	2,872	1,401	8,108	6,506	8,267	6,439
1928	3,466	5,914	8,183	13,860	9,400	6,480	7,851	1,782	917	804	756	975	5,032
1929	1,487	2,805	10,860	12,200	6,641	2,370	947	563	722	6,676	5,409	4,194	4,573
1930	3,558	5,336	7,715	4,663	2,301	1,279	815	450	417	357	418	471	2,315
1931	841	1,348	2,340	7,272	9,605	2,342	3,749	1,220	922	682	548	1,709	2,715
1932	4,014	3,876	4,885	8,997	5,636	1,486	784	482	407	1,684	5,790	2,296	3,361
1933	4,326	3,669	11,650	12,870	12,330	3,358	1,603	3,429	2,543	1,012	895	1,878	4,964
1934	5,565	943	3,554	6,601	1,698	1,195	674	839	3,985	2,381	2,617	6,716	3,064
1935	4,868	6,220	9,039	6,015	6,085	1,560	2,234	1,612	934	654	2,143	3,326	3,724
1936	3,140	4,179	33,600	9,291	2,337	1,778	950	990	853	2,173	3,728	5,543	5,714
1937	13,300	7,661	5,780	14,650	6,714	1,786	1,327	2,157	1,777	4,133	5,246	4,018	5,712
1938	4,839	4,913	6,699	4,466	3,546	1,867	1,043	890	760	498	720	2,527	2,731
1939	2,286	10,220	9,025	7,534	3,137	2,269	1,673	796	518	808	1,278	741	3,357
1940	1,005	2,503	8,317	17,160	3,875	4,189	1,366	848	985	600	1,593	3,916	3,863
1941	3,105	2,293	5,943	5,865	1,319	4,767	2,320	1,155	730	498	828	2,990	2,651
1942	2,346	3,805	8,354	11,250	8,030	3,907	1,620	1,923	1,152	4,998	2,859	7,735	4,832
1943	8,904	7,663	7,150	9,249	7,554	2,710	1,328	848	523	1,189	2,204	829	4,179
1944	3,091	2,649	11,430	8,239	8,253	2,426	868	547	529	1,199	690	1,877	3,483
1945	1,831	6,605	13,110	7,209	7,991	2,935	1,372	2,055	4,372	2,396	6,745	5,901	5,210
1946	6,754	2,806	10,660	3,175	8,086	11,110	2,223	2,259	1,101	3,001	1,751	1,572	4,542
1947	5,425	2,761	4,693	4,141	5,683	3,152	2,585	2,060	1,666	663	2,839	1,683	3,113
1948	2,415	4,416	7,358	12,350	9,318	4,198	1,842	1,026	595	988	3,282	6,380	4,514
1949	9,979	7,632	3,968	5,417	2,576	1,286	3,361	1,353	802	741	847	3,306	3,439

Drainage Area = 3,354 sq mi

Gage Datum = 363.93 ft MSL

Juniata Basin

Perry County

Monthly Mean Streamflow

Lat = 40 28 32

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Period of Record 1899 - 2009

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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	
1950	5,545	9,050	7,774	4,778	5,012	2,462	1,355	1,182	1,836	3,316	10,880	11,100	5,358
1951	9,152	11,620	9,228	10,190	3,943	6,157	2,530	1,124	787	649	1,523	2,960	4,989
1952	10,520	6,180	11,210	11,010	8,556	2,426	1,060	885	1,469	637	5,481	5,008	5,370
1953	9,177	5,091	11,250	6,709	6,170	6,166	1,484	1,058	710	538	699	1,201	4,188
1954	1,240	2,207	8,162	4,782	5,399	2,696	936	873	784	4,392	3,387	5,659	3,376
1955	4,558	4,256	12,150	7,179	2,952	2,161	924	2,884	996	2,890	3,225	1,714	3,824
1956	1,412	8,717	9,890	8,566	6,215	2,483	4,102	3,846	1,636	2,131	4,259	7,075	5,028
1957	4,218	5,867	5,760	10,970	2,958	1,786	1,067	549	554	765	656	3,696	3,237
1958	3,988	3,483	9,261	8,115	9,018	2,090	1,956	2,282	1,031	667	1,034	1,214	3,678
1959	3,248	4,411	5,963	6,671	5,182	1,975	1,135	1,126	840	1,967	3,594	5,465	3,465
1960	6,062	4,909	5,344	10,690	10,520	4,856	1,681	903	1,211	597	744	734	4,021
1961	1,429	9,311	11,050	12,700	5,435	2,146	1,033	1,186	763	507	866	1,461	3,991
1962	3,135	5,588	13,430	11,270	2,450	1,144	613	602	723	1,329	2,370	1,375	3,669
1963	2,384	1,356	13,360	3,273	2,637	2,138	841	524	379	351	732	1,318	2,441
1964	3,442	2,964	12,060	9,345	5,983	1,408	820	629	370	515	665	1,123	3,277
1965	3,061	5,133	9,444	5,594	2,560	890	486	643	489	989	610	601	2,542
1966	1,199	6,624	6,002	3,292	5,657	1,208	455	327	530	507	1,048	2,073	2,410
1967	1,728	2,814	13,730	5,161	8,587	1,792	2,029	2,650	1,226	3,327	3,199	6,036	4,357
1968	2,674	4,967	5,929	2,819	6,102	5,661	1,268	764	1,024	709	3,775	3,121	3,234
1969	1,799	2,264	2,765	3,453	2,280	1,485	1,255	2,122	1,003	680	1,482	2,832	1,952
1970	2,619	8,010	8,382	16,720	4,965	4,064	2,907	1,728	1,393	1,468	9,671	8,081	5,834
1971	5,520	13,239	11,900	3,804	6,072	2,022	1,193	1,570	1,692	2,002	2,385	8,195	4,966
1972	4,174	4,837	13,630	10,160	7,953	25,050	7,865	1,684	1,032	1,135	4,751	13,769	8,003
1973	5,469	8,775	6,101	9,792	5,578	3,898	1,624	1,374	1,610	3,295	5,927	9,886	5,277
1974	9,801	4,145	4,576	7,433	3,456	2,483	2,017	1,044	1,209	794	885	4,087	3,494
1975	5,571	9,826	10,780	6,889	6,909	4,271	1,998	1,462	6,282	7,469	4,484	3,259	5,767
1976	5,034	10,410	5,195	4,532	2,397	4,506	2,343	1,821	1,629	11,610	4,308	3,205	4,749
1977	1,374	3,202	12,140	9,413	2,363	1,259	2,101	1,051	1,267	4,055	7,782	9,235	4,604
1978	7,867	3,645	14,670	7,619	13,940	3,423	3,620	2,505	1,315	934	871	2,426	5,236
1979	8,811	6,166	17,080	7,124	6,447	3,202	2,488	3,637	5,234	7,280	6,632	5,387	6,624
1980	3,915	1,779	7,783	12,750	6,855	2,501	1,356	1,361	792	865	1,382	1,278	3,551
1981	495	9,500	3,392	6,298	4,052	4,043	2,048	881	1,049	1,821	1,885	1,618	3,090
1982	2,856	6,544	12,050	6,778	3,069	8,510	2,107	1,359	923	878	1,026	1,918	4,002
1983	2,031	5,087	7,131	12,440	9,175	4,713	1,523	801	727	946	2,722	7,493	4,566
1984	1,832	15,070	7,601	12,730	5,185	3,686	2,558	2,970	1,091	912	1,693	5,741	5,089
1985	2,334	6,064	6,412	8,357	4,487	2,102	1,134	782	712	742	8,494	5,639	3,938
1986	2,297	9,927	9,813	5,653	2,612	2,509	1,790	1,163	586	972	3,837	6,837	4,000
1987	3,789	3,307	5,107	13,070	4,656	1,873	1,567	904	1,566	1,196	2,024	3,749	3,567
1988	3,568	5,588	4,927	4,138	8,855	1,855	864	933	1,554	924	2,478	1,926	3,134
1989	3,862	3,765	7,181	5,119	10,790	8,149	12,080	2,879	1,338	2,520	3,027	1,262	5,164
1990	4,855	7,288	2,576	4,387	5,817	3,945	2,205	1,811	1,666	8,174	3,459	10,010	4,683
1991	9,170	5,880	8,857	6,276	2,997	1,084	884	857	757	730	1,135	1,695	3,360
1992	1,618	2,061	5,657	5,828	3,249	2,093	1,260	932	1,012	747	2,209	5,172	2,653
1993	6,618	1,948	15,110	25,779	4,767	1,627	974	834	958	845	4,564	7,302	5,944
1994	2,478	8,674	23,500	11,570	4,591	1,472	1,192	2,838	1,360	1,052	2,385	5,029	5,512
1995	7,634	2,365	3,956	2,898	3,156	4,333	2,969	774	680	2,804	5,024	4,054	3,387
1996	15,809	9,851	10,270	6,616	7,037	5,104	4,089	2,323	13,220	8,435	6,634	12,470	8,488
1997	3,405	7,798	9,175	2,903	4,154	4,525	1,187	1,076	1,319	1,014	10,850	4,645	4,338
1998	9,326	13,130	12,020	10,980	11,340	2,809	1,947	1,156	976	1,351	1,062	1,045	5,595
1999	3,735	3,061	6,938	8,453	2,955	1,127	874	1,232	1,365	1,912	1,980	3,517	3,096
2000	1,949	4,400	7,015	8,215	4,256	3,615	1,452	1,477	866	1,065	1,231	2,026	3,131

Drainage Area = 3,354 sq mi

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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	
2001	1,673	3,980	6,500	8,120	2,258	2,291	1,127	851	663	657	789	1,302	2,518
2002	1,337	1,498	3,157	3,580	8,533	3,478	1,050	674	756	1,886	4,894	5,042	2,990
2003	7,560	3,938	13,089	8,022	8,757	10,640	2,085	3,916	8,230	5,225	8,251	11,210	7,577
2004	7,045	2,798	11,730	12,200	5,873	2,808	2,996	3,532	15,960	3,503	4,928	8,677	6,838
2005	10,930	5,593	9,299	7,588	2,029	1,615	1,295	912	833	1,747	2,332	4,740	4,076
2006	9,660	6,398	2,264	3,699	2,819	3,460	2,260	962	1,964	1,649	4,887	2,946	3,581
2007	5,190	2,098	10,580	6,695	2,728	1,412	1,126	1,996	670	636	1,417	4,897	3,287
2008	4,528	8,442	13,610	7,408	10,660	2,053	1,206	765	1,235	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	5,150	5,940	8,810	8,090	5,520	3,400	2,090	1,550	2,320	2,550	3,670	5,120	4,518
Max	15,809	16,160	33,600	25,779	14,870	25,050	12,080	4,605	15,960	11,610	10,880	13,769	
Min	495	943	2,340	2,026	1,319	890	455	327	370	351	418	471	

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