

Monthly Mean Streamflow

Lat = 40 52 00

Penns Creek at Penns Creek, PA

Lon = 77 02 55

Flood Stage = 8 ft

Period of Record 1929 - 2007

Floods = 66

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	
1929	missing	missing	missing	missing	missing	missing	missing	missing	missing	506	562	390	missing
1930	424	465	810	577	307	269	114	51	43	36	34	48	265
1931	80	128	195	688	1,228	383	339	160	68	52	48	69	287
1932	215	235	365	979	660	213	102	69	50	216	662	303	339
1933	361	364	959	1,220	936	405	148	564	256	140	133	177	472
1934	464	195	391	876	266	177	119	133	869	420	474	912	441
1935	442	404	980	708	563	247	153	85	62	82	303	408	370
1936	268	218	3,093	848	202	131	73	57	42	125	285	450	483
1937	1,058	752	602	1,077	737	194	114	167	108	308	772	478	531
1938	549	632	886	616	283	200	142	123	80	62	80	283	328
1939	223	1,052	1,013	782	303	146	96	64	48	83	112	60	332
1940	87	108	1,010	1,769	609	396	177	110	119	73	192	362	418
1941	335	168	574	771	179	225	122	92	62	54	120	382	257
1942	318	425	1,010	1,064	988	346	163	112	103	270	348	801	496
1943	775	604	736	932	593	416	147	104	65	224	574	151	443
1944	324	243	955	734	1,087	582	200	84	64	86	61	105	377
1945	129	377	1,461	691	1,055	480	200	138	344	417	931	795	585
1946	579	293	1,122	330	971	851	198	224	110	321	228	165	449
1947	535	360	544	597	889	610	314	157	112	77	238	156	382
1948	232	430	878	1,480	952	299	143	87	54	81	388	578	467
1949	1,037	725	465	782	410	191	112	75	71	63	68	227	352
1950	629	723	884	850	441	450	166	114	99	164	1,077	1,351	579
1951	773	935	994	1,194	373	673	196	117	71	61	148	437	498
1952	931	679	1,178	1,097	818	304	108	90	112	58	316	514	517
1953	710	514	908	706	1,161	822	140	105	57	47	94	192	455
1954	209	360	1,010	678	959	336	145	93	54	141	154	343	374
1955	383	344	914	501	283	159	88	366	124	757	530	213	388
1956	158	712	870	796	716	288	263	332	460	287	1,113	800	566
1957	456	464	681	1,447	331	191	128	56	69	66	109	536	378
1958	497	383	947	1,213	788	339	162	171	93	74	101	134	409
1959	409	439	590	808	447	154	117	108	82	223	499	663	378
1960	527	500	606	1,336	1,101	454	258	97	135	88	94	74	439
1961	101	810	1,079	1,315	679	274	170	112	60	52	100	120	406
1962	292	429	1,108	1,353	253	107	57	46	57	139	262	186	357
1963	252	149	1,303	410	566	319	163	78	73	46	121	215	308
1964	551	371	1,564	873	618	158	86	57	36	43	53	60	373
1965	110	317	557	710	345	122	58	59	44	80	53	63	210
1966	127	511	769	348	660	196	73	37	69	66	186	383	285
1967	232	309	1,167	724	836	277	290	359	139	466	518	511	486
1968	306	503	669	359	456	682	182	87	147	89	500	375	363
1969	219	268	208	447	333	162	162	232	128	87	297	423	247
1970	287	818	737	1,593	444	255	201	115	80	148	888	531	508
1971	352	923	995	607	406	176	115	133	145	145	184	579	397
1972	331	365	1,608	796	745	2,844	639	193	107	91	405	1,252	781
1973	550	886	721	926	802	530	192	124	141	196	295	1,182	545
1974	867	504	785	1,060	444	289	323	183	198	102	194	851	483
1975	647	1,149	1,026	485	529	636	252	124	642	502	572	433	583
1976	577	914	459	357	286	457	300	181	131	1,116	439	313	461
1977	130	367	1,373	960	304	208	376	186	192	940	1,567	1,035	637
1978	1,155	435	1,461	1,109	1,792	378	217	255	131	94	91	258	615
1979	1,111	762	1,595	742	738	430	237	390	1,295	929	802	599	803

Drainage Area = 301 sq mi
Gage Datum = 506.72 ft MSL

Penns Creek Basin
Union County

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1980	384	217	844	1,444	570	218	112	72	63	67	91	117	350
1981	76	1,474	439	507	413	651	336	136	107	131	156	150	381
1982	236	395	1,195	976	295	1,065	236	122	91	69	111	184	415
1983	182	529	740	1,359	1,168	693	274	118	67	104	351	1,101	557
1984	274	1,697	707	1,427	536	874	489	684	184	113	171	529	640
1985	280	466	583	719	358	201	114	88	67	59	578	547	338
1986	344	652	1,138	759	336	228	223	137	99	125	588	834	455
1987	409	262	655	917	419	202	145	95	248	224	307	406	357
1988	204	568	524	417	891	241	109	112	124	83	282	169	310
1989	278	348	521	524	1,105	628	759	241	120	289	381	169	447
1990	340	814	310	444	708	618	393	295	258	1,355	584	1,026	595
1991	770	577	910	632	333	130	82	78	87	70	137	234	337
1992	201	197	789	716	417	330	190	147	120	109	442	548	351
1993	731	221	1,252	2,854	585	182	107	88	111	114	576	707	627
1994	394	974	1,708	1,776	479	229	159	435	274	205	362	709	642
1995	965	280	418	278	274	316	176	78	56	291	519	353	334
1996	1,627	851	1,002	720	774	361	249	173	1,053	978	738	1,359	824
1997	338	553	664	335	251	367	126	136	159	115	617	366	336
1998	1,200	1,283	1,356	1,201	1,203	227	120	97	63	74	57	46	577
1999	516	330	731	619	312	132	72	141	295	293	292	454	349
2000	232	495	760	941	388	366	174	109	90	81	88	170	325
2001	125	259	680	832	322	275	117	88	96	73	83	217	264
2002	183	323	580	514	1,023	683	177	87	91	273	496	607	420
2003	675	353	1,260	970	453	812	364	605	1,212	587	923	1,190	784
2004	768	255	1,034	974	611	304	350	553	1,649	472	510	1,036	710
2005	1,134	525	855	1,070	225	123	98	62	53	157	341	499	428
2006	1,000	701	234	276	276	600	407	197	657	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	470	527	892	877	605	396	197	161	200	227	366	463	448
Max	1,627	1,697	3,093	2,854	1,792	2,844	759	684	1,649	1,355	1,567	1,359	
Min	76	108	195	278	179	107	57	37	36	36	34	46	

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