

Maximum Daily Mean Streamflow by Month

Lat = 40 24 09

Swatara Creek at Harper Tavern, PA

Lon = 76 34 39

Flood Stage = 9 ft

Period of Record 1919 - 2006

Floods = INC

YEAR	Maximum daily mean streamflow by month, in ft ³ /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1919	2,770	1,430	3,210	2,060	2,060	2,940	5,420	695	264	745	2,290	2,130
1920	340	300	8,260	2,610	745	2,130	520	995	1,920	2,290	1,640	3,750
1921	1,050	1,570	3,030	2,060	6,470	285	605	300	315	96	3,480	4,320
1922	695	3,210	5,420	1,640	1,710	2,210	2,450	200	158	895	59	795
1923	1,780	1,430	3,480	945	1,360	258	605	146	1,290	2,130	945	2,690
1924	6,360	1,850	2,530	4,620	4,020	3,390	1,780	1,170	7,640	8,130	630	468
1925	220	11,800	967	527	1,200	1,600	2,940	1,810	241	1,600	4,620	3,300
1926	4,620	6,250	3,660	1,530	288	430	5,820	2,940	2,050	3,390	10,200	1,460
1927	3,210	2,450	1,530	1,530	1,460	3,030	1,260	588	861	5,020	3,750	4,320
1928	1,390	4,520	1,460	4,520	2,690	6,250	2,850	436	382	170	348	382
1929	1,890	6,470	5,420	4,020	3,300	1,080	436	811	717	6,120	2,980	844
1930	894	2,070	1,520	4,860	782	2,580	366	101	242	48	66	422
1931	800	1,010	2,120	1,440	1,750	1,480	1,130	777	467	126	51	142
1932	1,900	733	4,910	3,580	1,350	395	156	66	28	2,320	3,540	917
1933	660	1,830	3,710	5,430	2,340	1,600	3,960	20,700	2,750	859	214	386
1934	2,120	370	2,310	3,420	906	1,300	366	609	4,050	1,910	1,500	8,090
1935	1,230	1,940	1,430	2,570	462	385	2,000	254	500	180	1,910	930
1936	1,950	1,000	13,300	5,570	292	1,090	304	626	104	269	342	2,970
1937	2,830	3,920	1,040	2,360	1,260	1,110	348	2,800	444	8,000	2,330	2,000
1938	3,350	1,530	1,750	1,400	932	2,610	3,270	630	2,040	1,160	1,460	7,470
1939	2,080	2,960	2,500	1,790	530	488	434	2,300	293	998	1,020	1,310
1940	2,000	2,400	8,220	6,440	3,250	2,220	673	2,760	9,170	660	2,480	1,880
1941	1,160	2,140	1,800	1,180	230	520	1,860	296	67	53	490	1,860
1942	1,140	2,930	1,810	1,330	12,800	1,150	1,560	9,980	6,330	3,840	1,790	8,350
1943	3,240	2,140	2,040	2,110	3,990	1,070	401	294	40	4,700	13,100	908
1944	3,880	1,030	4,360	4,420	1,130	1,570	268	156	756	683	2,250	1,740
1945	1,580	3,380	2,420	2,790	3,240	988	7,740	1,830	3,270	720	3,560	2,440
1946	2,180	2,120	2,360	820	6,920	4,290	2,120	781	818	1,130	263	1,010
1947	2,990	1,880	2,840	1,510	9,800	1,200	6,820	460	324	185	3,050	440
1948	1,150	2,260	2,200	3,900	2,480	1,290	580	1,570	252	470	2,740	7,810
1949	7,580	2,050	846	2,160	686	188	700	200	91	168	208	2,300
1950	1,630	3,850	4,620	1,210	1,710	3,080	1,260	177	494	1,020	12,300	11,300
1951	4,200	5,360	2,670	1,980	516	1,160	310	530	2,380	290	4,240	4,630
1952	3,630	2,160	8,230	6,070	9,000	914	1,050	628	5,060	151	9,700	4,690
1953	5,290	2,430	4,350	2,580	4,680	3,340	481	125	1,800	231	592	5,370
1954	1,260	1,890	3,710	3,220	3,890	291	98	423	119	188	548	2,380
1955	1,060	3,200	4,060	1,030	437	1,510	113	11,400	744	3,830	1,120	316
1956	461	2,500	2,120	1,110	890	946	2,220	1,080	1,890	2,070	2,650	4,800
1957	2,300	1,970	1,760	8,700	900	1,080	141	33	88	254	898	8,440
1958	5,430	6,990	3,510	4,220	2,490	289	956	547	1,380	947	2,570	1,100
1959	5,800	2,000	2,140	3,130	642	2,320	162	288	6,260	3,160	3,700	4,830
1960	2,560	2,730	2,350	5,150	2,950	1,170	510	148	8,740	473	666	317
1961	1,700	9,340	2,520	3,640	1,050	1,300	1,950	4,300	570	100	917	1,380
1962	4,380	5,680	4,430	1,870	578	506	68	300	366	2,560	2,900	2,480
1963	1,300	640	5,090	796	1,290	1,450	120	230	1,150	93	2,160	1,160
1964	6,770	1,540	3,230	3,870	6,310	3,630	384	141	77	154	786	1,690
1965	803	9,560	1,870	580	280	189	101	137	79	1,050	326	590
1966	926	7,000	4,000	1,320	1,480	185	61	54	234	317	2,680	690
1967	1,710	792	5,270	1,050	2,290	705	1,720	1,340	269	1,480	3,320	2,120
1968	1,760	2,010	2,070	2,230	6,280	3,040	209	172	3,590	775	1,350	1,550
1969	1,310	686	3,960	1,010	840	1,090	2,970	923	547	416	1,060	3,590

Drainage Area = 337 sq mi
Gage Datum = 356.68 ft MSL

Swatara Creek Basin
Lebanon County

Maximum Daily Mean Streamflow by Month

Lat = 40 24 09

Swatara Creek at Harper Tavern, PA

Lon = 76 34 39

Flood Stage = 9 ft

Period of Record 1919 - 2006

Floods = INC

YEAR	Maximum daily mean streamflow by month, in ft ³ /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1970	640	4,380	1,750	10,100	1,180	2,440	4,470	910	401	1,640	3,640	1,000
1971	1,910	9,030	2,440	555	1,310	580	900	5,200	575	1,240	4,360	2,900
1972	1,960	2,710	5,120	1,710	2,680	42,500	1,840	183	83	170	2,390	3,680
1973	2,570	2,300	1,010	3,590	5,000	1,680	435	1,180	5,700	2,370	577	7,250
1974	3,230	1,670	2,830	2,890	3,100	467	670	2,390	1,580	435	296	3,570
1975	3,180	5,520	6,730	2,150	3,590	4,770	501	257	19,100	2,270	5,600	1,820
1976	11,800	3,550	1,050	3,500	1,150	2,700	3,220	1,830	1,660	10,800	1,980	2,000
1977	165	3,900	8,720	3,670	675	512	952	214	756	2,650	2,010	5,190
1978	8,930	878	10,000	1,470	5,450	494	872	3,060	780	1,120	452	2,320
1979	16,600	9,120	7,160	1,900	3,160	879	720	270	6,210	3,960	1,720	1,860
1980	541	364	5,650	3,280	1,680	502	176	71	40	176	1,220	158
1981	56	5,250	852	1,290	1,830	692	2,210	134	108	569	268	345
1982	2,730	2,500	1,180	3,760	2,550	5,480	593	2,800	362	426	949	1,590
1983	475	3,420	2,130	12,100	3,570	2,010	386	431	125	840	2,850	9,390
1984	1,040	5,690	1,710	5,350	6,480	3,330	4,030	1,140	286	423	3,500	1,400
1985	589	4,280	556	1,070	1,480	855	673	741	1,280	619	3,160	2,700
1986	1,630	3,360	8,230	3,990	1,110	175	1,150	967	489	273	2,870	3,850
1987	792	472	3,350	2,700	1,300	510	183	135	8,850	927	4,020	1,970
1988	3,660	3,100	1,650	507	7,950	443	1,920	341	1,330	425	2,820	523
1989	1,190	1,440	1,780	793	9,860	2,400	3,670	471	634	4,090	2,210	327
1990	5,960	1,930	1,000	1,580	3,430	922	761	981	330	3,510	2,730	5,650
1991	2,900	822	1,770	840	1,220	200	458	952	75	804	3,150	1,330
1992	381	1,040	5,990	3,480	2,960	2,780	817	253	2,380	1,820	5,160	1,630
1993	1,380	468	5,070	6,600	2,360	365	848	301	500	396	10,100	7,120
1994	3,000	3,000	6,750	2,730	1,750	3,530	824	2,750	1,270	411	3,190	2,920
1995	5,900	735	1,890	940	649	974	1,960	116	96	3,970	5,200	429
1996	17,500	3,100	3,700	4,560	1,960	1,970	1,890	736	754	9,170	7,410	7,630
1997	2,100	2,330	2,960	951	896	2,290	2,080	502	317	157	390	730
1998	5,060	4,540	3,910	2,650	4,230	3,250	843	603	399	1,110	260	83
1999	4,300	1,520	2,490	1,120	347	249	63	225	4,250	1,740	1,110	2,220
2000	1,270	2,680	9,340	1,810	2,050	6,080	728	1,720	1,140	364	452	6,980
2001	1,230	1,030	2,290	1,410	486	646	332	130	625	142	396	358
2002	794	300	2,580	2,020	2,010	747	149	61	934	2,150	2,510	3,840
2003	4,050	2,590	7,780	3,340	2,000	7,480	3,440	4,340	4,220	4,720	2,860	6,610
2004	1,710	4,400	972	3,360	1,760	1,920	3,110	4,220	16,500	missing	missing	missing
2005	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing
2006	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing	missing
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Max	17,500	11,800	13,300	12,100	12,800	42,500	7,740	20,700	19,100	10,800	13,100	11,300
Day	20-Jan	12-Feb	12-Mar	16-Apr	23-May	23-Jun	19-Jul	24-Aug	27-Sep	10-Oct	9-Nov	5-Dec
Year	1996	1925	1936	1983	1942	1972	1945	1933	1975	1976	1943	1950

Drainage Area = 337 sq mi
Gage Datum = 356.68 ft MSL

Swatara Creek Basin
Lebanon County