

**The Total Number of Floods  
Swatara Creek at Harper Tavern, PA  
Period of Record 1919 - 2008**

**Lat = 40 24 09  
Flood Stage = 9 ft**

**Lon = 76 34 39  
Floods = 140**

Date	Crest	Flow (cfs)	Codes	Date	Crest	Flow (cfs)	Codes	Date	Crest	Flow (cfs)	Codes	Date	Crest	Flow (cfs)	Codes
6/1/1889	25.60	88,000	***	5/23/1942	12.88	14,000	none	12/21/1973	10.98	10,000	none	6/7/1994	9.61	6,690	none
7/21/1919	9.40	6,750	none	8/17/1942	11.04	10,300	none	3/20/1975	9.74	8,210	none	1/21/1995	10.17	8,800	none
3/13/1920	11.32	10,000	none	9/28/1942	9.91	8,440	none	9/27/1975	17.24	24,700	none	1/20/1996	15.67	19,800	none
3/8/1920	9.60	7,030	none	12/30/1942	11.07	10,300	none	1/27/1976	12.57	12,800	none	1/28/1996	12.49	12,600	none
5/5/1921	10.16	7,640	none	11/9/1943	13.25	14,600	none	10/10/1976	12.89	13,400	none	10/20/1996	11.83	11,400	none
3/8/1922	10.40	7,880	none	7/19/1945	11.35	10,400	none	3/5/1977	10.85	9,820	none	11/9/1996	10.12	8,730	none
1/17/1924	12.00	11,400	none	5/28/1946	9.47	7,620	none	3/23/1977	9.16	7,420	none	12/2/1996	9.76	8,210	none
10/1/1924	13.20	14,200	none	5/22/1947	11.72	11,000	none	1/9/1978	9.90	8,430	none	12/14/1996	10.18	8,820	none
2/12/1925	14.40	17,200	none	5/26/1947	9.98	8,310	none	1/26/1978	12.47	12,600	none	1/24/1999	9.34	7,630	none
11/13/1925	9.40	6,750	none	7/8/1947	10.57	9,190	none	3/27/1978	11.38	10,600	none	3/22/2000	11.23	10,400	none
1/19/1926	9.40	6,750	none	12/31/1948	11.21	10,400	none	1/21/1979	10.15	8,780	none	12/17/2000	10.94	9,950	none
2/26/1926	11.10	9,600	none	1/6/1949	10.13	8,810	none	1/25/1979	15.77	20,500	none	3/21/2003	10.39	9,120	none
7/30/1926	12.40	12,500	none	11/26/1950	13.09	14,000	none	2/24/1979	10.53	9,340	none	6/3/2003	10.28	9,000	none
11/16/1926	14.60	17,800	none	12/5/1950	13.34	14,400	none	2/26/1979	11.42	10,700	none	8/11/2003	9.40	7,700	none
11/19/1926	10.20	7,960	none	2/7/1951	11.16	10,500	none	3/6/1979	9.36	7,680	none	12/12/2003	10.82	9,800	none
10/13/1927	9.10	6,370	none	12/5/1951	9.16	7,590	none	9/6/1979	10.18	8,820	none	9/19/2004	17.36	25,000	none
10/19/1927	9.20	6,490	none	3/12/1952	11.72	11,500	none	3/22/1980	9.55	7,550	none	9/29/2004	10.09	8,690	none
2/15/1928	10.60	8,650	none	4/29/1952	9.44	8,150	none	2/11/1981	12.60	11,000	none	1/14/2005	10.29	8,980	none
6/30/1928	11.00	9,400	none	5/12/1952	10.78	10,100	none	2/24/1981	9.80	6,440	none	3/29/2005	11.02	10,100	none
2/27/1929	10.40	7,880	none	9/1/1952	11.39	11,000	none	2/4/1982	9.28	missing	(1)	4/3/2005	11.58	11,000	none
3/6/1929	10.50	8,000	none	11/22/1952	11.79	11,700	none	4/16/1983	12.82	13,000	none	6/28/2006	18.28	28,300	none
10/3/1929	11.20	9,800	none	1/24/1953	9.76	8,690	none	12/14/1983	11.19	9,940	none	10/29/2006	10.58	9,410	none
4/7/1930	9.30	6,620	none	8/19/1955	12.35	12,700	none	2/15/1984	9.20	7,160	none	11/17/2006	10.55	9,360	none
3/28/1932	9.50	7,020	none	4/6/1957	10.30	9,390	none	5/30/1984	10.66	9,160	none	3/2/2007	11.67	11,200	none
11/1/1932	9.36	6,650	none	12/21/1957	10.47	9,680	none	2/3/1985	11.12	9,840	none	2/2/2008	9.32	7,600	none
4/17/1933	10.42	8,260	none	2/28/1958	9.40	8,150	none	3/15/1986	10.75	9,390	none	3/6/2008	13.88	15,300	none
8/24/1933	17.53	25,300	none	1/22/1959	9.67	8,550	none	9/14/1987	12.03	11,600	none	12/12/2008	10.26	8,930	none
12/2/1934	11.54	10,400	none	9/3/1959	9.47	8,280	none	5/20/1988	11.93	11,400	none	<b>Codes or Remarks</b>			
3/12/1936	13.75	15,800	none	9/20/1960	10.71	9,980	none	5/6/1989	9.79	7,790	none	*** A non-recording gage was used before 7/16/1936. However crest information looks reliable and complete from 1/1/1919 to 7/16/1936. Data before 1/1/1919 was not used in our flood frequency study.  Peak Streamflow Codes: None Crest Height Codes: (1) = Backwater effect.			
3/18/1936	9.92	7,710	none	2/26/1961	11.10	10,600	none	5/17/1989	11.68	10,800	none				
4/6/1936	10.47	8,620	none	1/26/1964	10.27	9,350	none	1/30/1990	9.51	7,420	none				
10/23/1937	11.80	11,000	none	2/8/1965	11.56	11,300	none	12/4/1990	9.31	7,160	none				
12/6/1938	10.30	8,350	none	2/14/1966	10.06	8,140	(1)	3/27/1992	10.18	6,850	none				
3/15/1940	10.42	9,660	none	5/31/1968	9.08	7,540	none	4/2/1993	9.36	7,230	none				
3/31/1940	10.35	9,660	none	4/3/1970	11.97	11,600	none	4/11/1993	9.58	7,510	none				
4/9/1940	9.59	8,440	none	2/14/1971	12.76	13,100	none	11/29/1993	15.09	15,800	none				
4/20/1940	9.22	7,860	none	6/23/1972	23.72	66,700	none	12/5/1993	12.11	10,200	none				
9/1/1940	11.51	11,500	none	9/15/1973	9.85	8,360	none	3/27/1994	10.81	8,280	none				

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

Crest in (ft)  
Streamflow in (cfs)

**Swatara Creek Basin  
Lebanon County**