

## SCHUYLKILL RIVER BASIN

## 01472000 SCHUYLKILL RIVER AT POTTSTOWN, PA

**LOCATION.**--Lat 40°14'30", long 75°39'07", Montgomery County, Hydrologic Unit 02040203, on right bank 75 ft upstream from bridge on Hanover Street in Pottstown, and 0.3 mi downstream from Manatawney Creek.

**DRAINAGE AREA.**--1,147 mi<sup>2</sup>.

**PERIOD OF RECORD.**--October 1927 to current year.

**GAGE.**--Water-stage recorder and crest-stage gage. Datum of gage is 117.86 ft above sea level. October 1927 to Nov. 22, 1928, nonrecording gage, and Nov. 23, 1928, to Dec. 26, 1972, recording gage at site 100 ft downstream at same datum. Dec. 27, 1972, to May 10, 1974, nonrecording gage 1.0 mi downstream at datum 2.83 ft lower.

**REMARKS.**--Records good except those for estimated daily discharges, which are fair. Flow regulated by Blue Marsh Lake (station 01470870) since April 1979, by Still Creek Reservoir (station 01469200) since February 1933, and by Lake Ontelaunee. Satellite and landline telemetry at station.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Maximum stage known prior to October 1926, 21.0 ft, Feb. 28, 1902, from floodmarks, discharge, about 53,900 ft<sup>3</sup>/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	798	545	1000	e1140	2600	2030	4720	1350	1220	1210	631	578
2	777	544	858	e1080	2540	1970	4050	1370	1660	1630	578	490
3	882	546	777	e1040	2410	1920	3460	1290	1520	1080	535	411
4	974	533	729	e1020	2150	1860	3010	1200	1400	1010	589	460
5	1770	538	696	1060	2130	2010	2630	1140	1140	996	754	734
6	1660	534	685	1070	2210	1890	2450	1090	1040	1250	741	562
7	1350	522	673	1030	2120	1850	2850	1050	959	1030	601	418
8	1230	596	675	1020	2010	2050	2540	1020	914	905	533	388
9	1170	561	669	1010	1880	1980	2410	961	863	1260	494	377
10	1130	957	646	904	2870	1940	2700	945	820	1050	627	377
11	1010	1160	635	849	2750	1870	2530	929	797	873	1560	495
12	907	918	648	850	2470	1840	2820	903	787	870	894	402
13	866	746	637	816	2420	3100	2710	888	893	746	925	366
14	830	802	1300	790	2380	3880	2550	846	867	700	768	367
15	844	900	1580	854	2420	3610	2420	818	747	670	674	425
16	819	748	1430	859	2340	3370	3010	800	795	646	600	411
17	663	655	9310	853	2680	3470	3080	797	1570	655	537	372
18	906	627	15700	879	2360	3300	3580	800	1370	819	488	359
19	1130	613	8020	e1390	2140	2990	3300	815	1060	760	463	341
20	974	611	5970	2430	2080	2780	2740	793	916	644	487	519
21	823	568	4570	1960	2080	3110	2640	898	939	598	471	968
22	794	544	3060	e1490	1910	4120	2540	1830	2310	583	449	916
23	744	529	2380	e1400	1790	3500	2370	1870	8260	558	431	612
24	691	518	2120	e1370	1740	3060	2110	1350	3470	502	454	516
25	661	504	e1890	e1330	1750	2870	1920	989	2210	476	479	3110
26	647	990	e1720	1260	2290	2650	1800	1370	1800	3080	470	2530
27	657	1270	e1560	1120	2260	2250	1740	2490	1520	1680	447	1440
28	650	1220	e1430	1080	2130	2080	1670	1930	1320	940	424	1050
29	638	1050	e1340	1010	---	1960	1560	1660	1080	792	432	893
30	612	1020	e1280	1650	---	5260	1490	1550	1020	757	407	797
31	557	---	e1220	2550	---	5780	---	1330	---	671	393	---
TOTAL	28164	21869	75208	37164	62910	86350	79400	37072	45267	29441	18336	21684
MEAN	909	729	2426	1199	2247	2785	2647	1196	1509	950	591	723
MAX	1770	1270	15700	2550	2870	5780	4720	2490	8260	3080	1560	3110
MIN	557	504	635	790	1740	1840	1490	793	747	476	393	341

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2001, BY WATER YEAR (WY)

MEAN	1136	1661	2175	2197	2452	3196	2926	2266	1561	1243	1030	1064
MAX	3870	3897	7359	7383	5117	8948	7820	7220	7634	3940	5290	3732
(WY)	1977	1951	1997	1979	1971	1936	1983	1989	1972	1984	1933	1987
MIN	258	309	419	316	540	1101	875	729	462	302	301	256
(WY)	1931	1931	1931	1981	1934	1981	1985	1965	1965	1966	1966	1932

e Estimated.

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR			FOR 2001 WATER YEAR		WATER YEARS 1928 - 2001	
ANNUAL TOTAL	718753			542865		1906	
ANNUAL MEAN	1964			1487		3211	
HIGHEST ANNUAL MEAN						1984	
LOWEST ANNUAL MEAN						843	
HIGHEST DAILY MEAN	20300	Mar 22		15700	Dec 18	71200	Jun 23 1972
LOWEST DAILY MEAN	504	Nov 25		341	Sep 19	175	Sep 19 1932
ANNUAL SEVEN-DAY MINIMUM	537	Nov 1		377	Sep 13	210	Sep 19 1932
MAXIMUM PEAK FLOW				20900	Dec 18	<b>a</b> 95900	Jun 23 1972
MAXIMUM PEAK STAGE				12.12	Dec 18	<b>b</b> 29.97	Jun 23 1972
10 PERCENT EXCEEDS	3770			2760		3830	
50 PERCENT EXCEEDS	1320			1030		1300	
90 PERCENT EXCEEDS	662			519		477	

**a** From rating curve extended above 50,400 ft<sup>3</sup>/s.  
**b** From floodmark.

