

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 Manataway Creek.

DRAINAGE AREA.--1,147 mi².

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 ft³/s.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5250	873	2310	1330	e880	5550	3770	1730	1890	2220	1810	791
2	3350	986	2090	1270	e860	4230	3440	1650	1800	1970	6260	1210
3	2670	2480	1970	1270	e800	3560	3210	1610	1640	1800	4390	1040
4	2460	2070	1610	1310	e750	3070	3390	1490	1510	1630	4700	829
5	3320	1680	1500	1510	e800	2770	3630	1420	1430	1580	3040	784
6	2810	1430	2030	1350	e750	2510	3020	1460	2400	1360	2310	736
7	2440	1320	2020	1190	e700	2170	2740	1380	2910	1210	2150	690
8	2190	1240	1630	1080	e700	2150	2620	1320	1780	1130	1860	649
9	1920	1180	1440	1040	e680	2060	3660	1270	1440	1070	1590	579
10	2860	1090	1450	1170	e680	1840	3770	1240	1300	1070	1400	569
11	3410	1070	1570	2620	e670	1890	3520	1970	1190	1060	1230	563
12	2750	1020	1410	2620	e660	4110	3330	1880	1460	999	1170	549
13	2640	964	1320	2310	e650	3840	2970	1570	3390	946	1200	807
14	2600	947	2160	1980	e1000	3420	2720	2780	2800	907	1190	1180
15	2390	920	3920	1550	e2100	3180	2560	2170	2190	1090	1300	1460
16	2030	867	4160	1550	e1800	2910	2570	1810	1890	1270	1110	1040
17	1920	848	3580	1430	e2300	4380	2560	e1620	1780	1100	951	785
18	1830	815	2840	1250	e2100	4050	2730	1520	1770	992	885	683
19	1430	809	2530	e1200	e2400	3520	2390	2120	1700	932	886	980
20	1360	802	2390	e1100	e2200	3250	2090	3130	1540	967	845	2430
21	1390	826	2690	e1050	e2000	4580	2680	2840	1380	899	775	1870
22	1250	820	2400	e1000	e1800	20300	3260	2730	2800	1010	701	1370
23	1270	800	2020	e1100	e1700	13800	2650	3520	2560	838	678	967
24	1190	813	1900	e1200	e2000	9590	2420	4490	1790	747	732	898
25	1100	831	1740	e1050	e2800	7210	2200	5980	1610	831	788	882
26	1050	1060	1670	e1000	4150	6160	2100	5150	4710	918	752	1410
27	1070	4570	1640	e900	4390	5320	2090	3770	6690	1000	702	1340
28	1040	3820	1580	e900	6400	7020	2050	3250	3950	848	880	1110
29	968	2740	1510	e800	7160	7020	1930	2850	2730	787	808	914
30	915	2620	1450	e850	---	5490	1840	2500	2470	840	744	833
31	883	---	1370	e900	---	4440	---	2100	---	2040	786	---
TOTAL	63756	42311	63900	40880	55880	155390	83910	74320	68500	36061	48623	29948
MEAN	2057	1410	2061	1319	1927	5013	2797	2397	2283	1163	1568	998
MAX	5250	4570	4160	2620	7160	20300	3770	5980	6690	2220	6260	2430
MIN	883	800	1320	800	650	1840	1840	1240	1190	747	678	549

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2000, BY WATER YEAR (WY)

MEAN	1139	1673	2172	2211	2455	3202	2930	2281	1561	1247	1036	1069
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

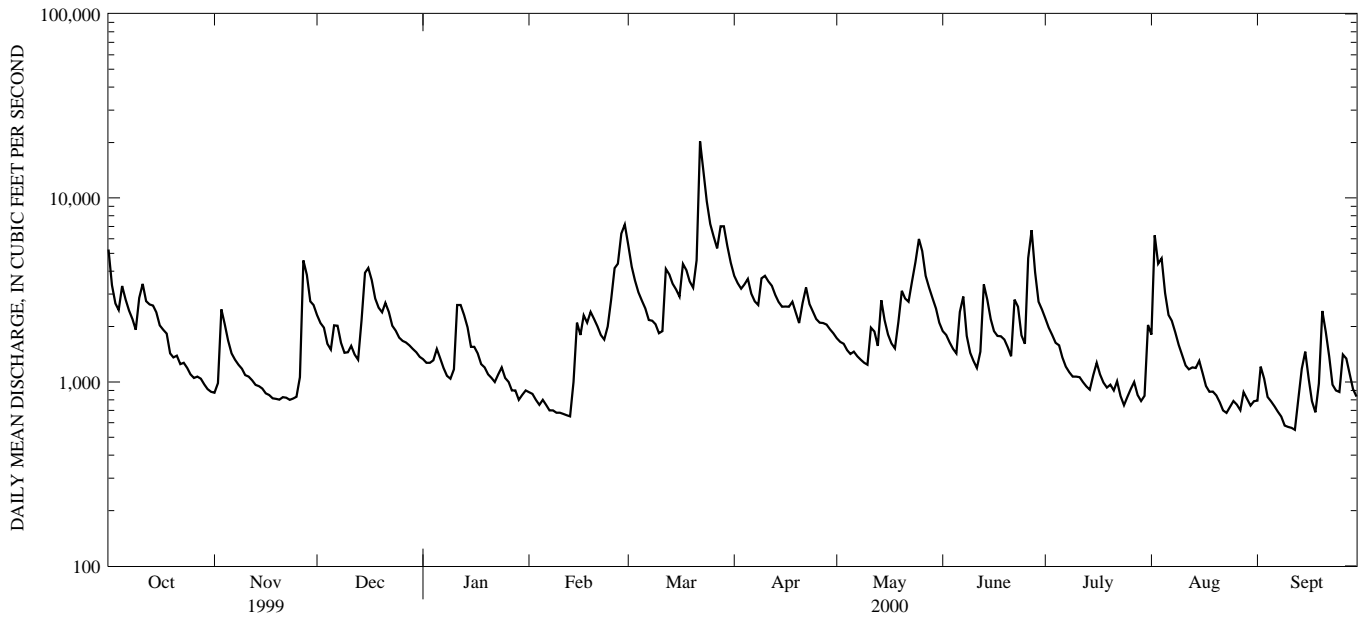
e Estimated.

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01472000 SCHUYLKILL RIVER AT POTTSTOWN, PA--Continued

SUMMARY STATISTICS	FOR 1999 CALENDAR YEAR		FOR 2000 WATER YEAR		WATER YEARS 1928 - 2000	
ANNUAL TOTAL	631570		763479		1912	
ANNUAL MEAN	1730		2086		3211	
HIGHEST ANNUAL MEAN					1984	
LOWEST ANNUAL MEAN					843	
HIGHEST DAILY MEAN	23900	Sep 17	20300	Mar 22	71200	Jun 23 1972
LOWEST DAILY MEAN	250	Aug 3	549	Sep 12	175	Sep 19 1932
ANNUAL SEVEN-DAY MINIMUM	276	Aug 1	619	Sep 6	210	Sep 19 1932
INSTANTANEOUS PEAK FLOW			22300	Mar 22	a 95900	Jun 23 1972
INSTANTANEOUS PEAK STAGE			12.66	Mar 22	b 29.97	Jun 23 1972
10 PERCENT EXCEEDS	3250		3770		3850	
50 PERCENT EXCEEDS	1390		1610		1300	
90 PERCENT EXCEEDS	356		806		476	

a From rating curve extended above 50,400 ft³/s.
b From floodmark.



1-YEAR HYDROGRAPH
 OCTOBER 1, 1999 TO SEPTEMBER 30, 2000