



2005 Water Year
SCHUYLKILL RIVER BASIN
01468500 Schuylkill River at Landingville, PA

Latitude: 40° 37' 45"

Longitude: 076° 07' 30"

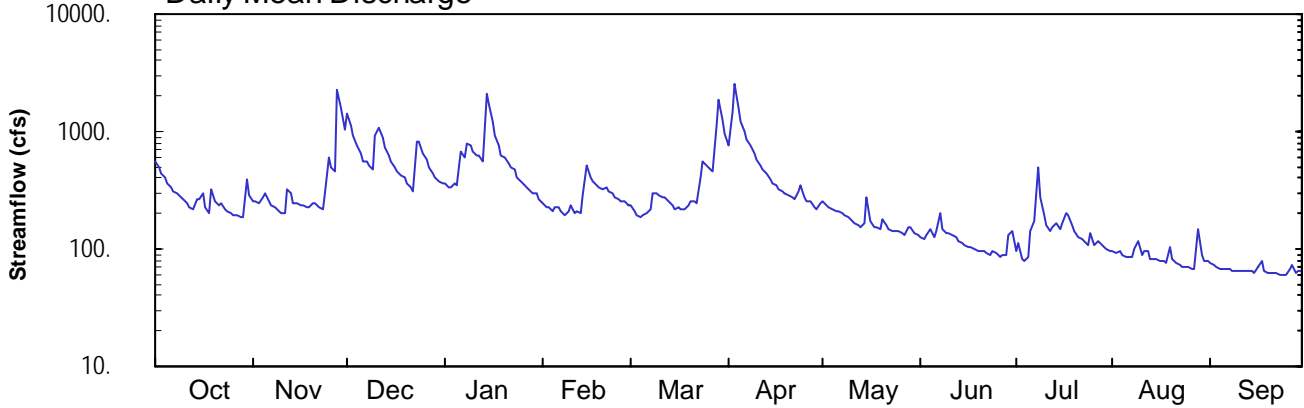
Hydrologic Unit Code: 02040203

Schuylkill County

Datum: 470.64 feet

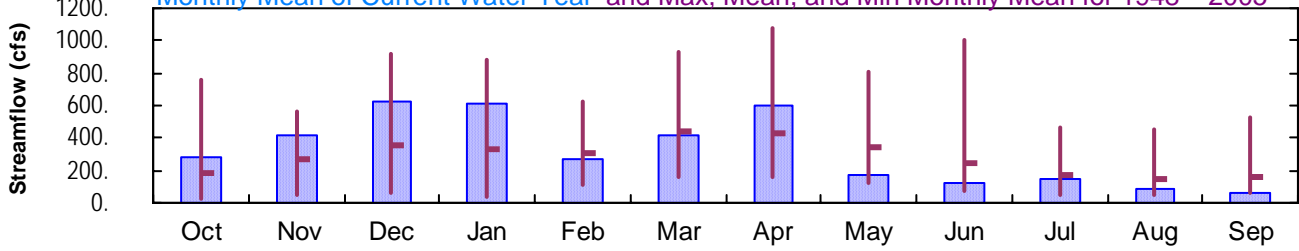
Drainage Area: 133. mi²

Daily Mean Discharge

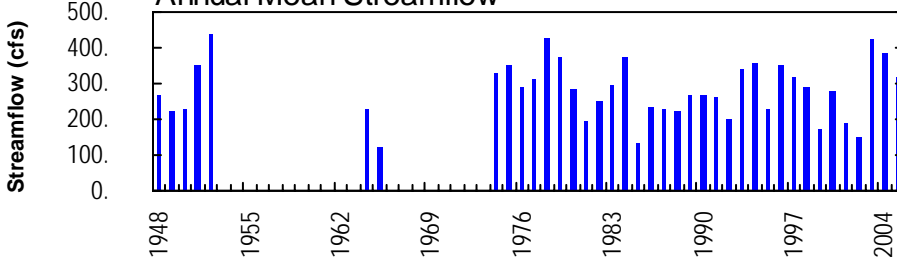


Monthly Statistics

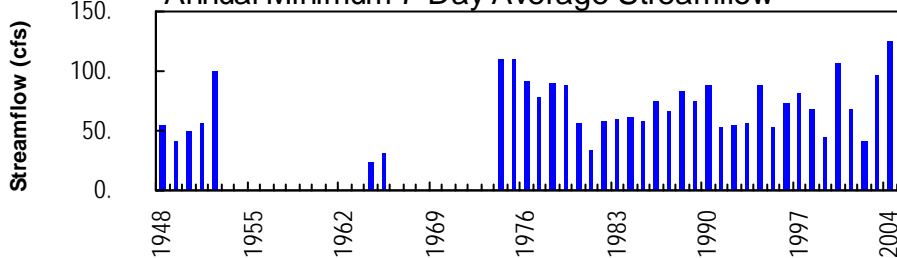
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1948 – 2005



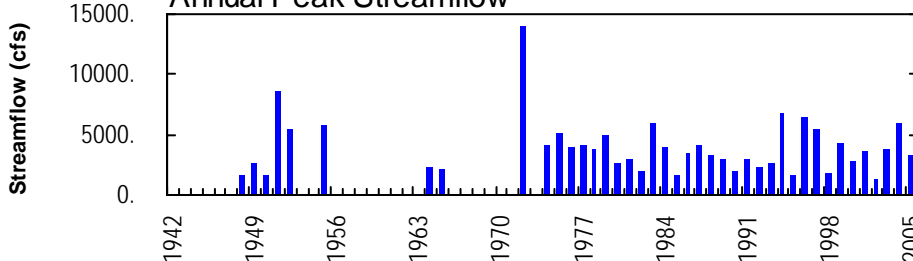
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



SCHUYLKILL RIVER BASIN

01468500 SCHUYLKILL RIVER AT LANDINGVILLE, PA

LOCATION.--Lat 40°37'45", long 76°07'30", Schuylkill County, Hydrologic Unit 02040203, on left bank 10 ft upstream from highway bridge on SR 2011 at Landingville, 0.1 mi upstream from Mahannon Creek, and 5.0 mi downstream from West Branch Schuylkill River.

DRAINAGE AREA.--133 mi².

PERIOD OF RECORD.--August 1947 to April 1953, October 1963 to September 1965, August 1973 to current year.

REVISED RECORDS.--WDR PA-75-1: 1973(P), 1974(P).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 470.64 ft above National Geodetic Vertical Datum of 1929. Prior to Aug. 27, 1947, nonrecording gage 10 ft downstream at same datum.

REMARKS.--No estimated daily discharges. Records good except those greater than 1,000 ft³/s, which are fair. Several measurements of water temperature were made during the year. Satellite and landline telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in June 1972 reached a stage of 17.36 ft, discharge, about 14,000 ft³/s.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft³/s and maximum (*):

Date	Time	Discharge ft ³ /s	Gage Height (ft)	Date	Time	Discharge ft ³ /s	Gage Height (ft)
Nov. 28	1130	*3,320	*9.84	Jan. 14	1100	2,830	8.80
Dec. 1	1130	2,010	7.21	Mar. 29	0000	2,670	8.45
Dec. 10	1800	1,580	6.49	Apr. 3	0330	3,030	9.97
Dec. 23	1800	1,810	6.88				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	565	258	1400	357	241	232	774	252	125	95	96	76
2	494	253	1110	335	225	214	1490	232	123	114	93	74
3	448	248	910	332	229	195	2530	227	133	83	94	69
4	405	277	759	363	213	186	1610	218	149	80	88	68
5	367	293	650	349	225	197	1190	212	126	85	85	69
6	339	250	562	685	224	200	984	208	142	145	84	68
7	315	236	560	598	212	215	843	202	204	173	84	67
8	296	223	513	805	197	301	770	195	148	501	98	66
9	281	212	476	762	208	300	645	189	136	276	119	66
10	264	205	942	667	233	285	576	174	138	197	88	64
11	248	201	1080	618	203	276	516	165	130	159	97	64
12	229	322	878	624	210	271	468	161	125	142	96	64
13	219	293	740	561	203	258	436	155	119	151	83	64
14	268	250	626	2120	284	236	397	165	111	164	82	64
15	270	244	551	1720	510	216	369	277	107	149	82	64
16	299	240	496	1200	407	223	348	169	104	169	81	71
17	227	231	458	937	380	221	328	156	105	200	80	80
18	204	230	430	747	344	223	312	151	101	193	77	64
19	321	223	406	638	336	236	298	147	96	157	103	64
20	255	241	360	591	320	255	289	178	94	140	83	63
21	232	245	332	527	330	260	271	160	94	128	77	62
22	247	226	316	488	305	248	262	148	91	122	74	62
23	219	216	811	468	296	409	308	145	90	116	71	61
24	210	301	823	411	273	559	351	144	96	109	70	61
25	203	603	663	378	264	517	274	140	92	138	69	60
26	197	493	577	354	255	485	252	135	87	109	68	69
27	192	462	503	331	252	457	258	131	89	118	68	74
28	188	2270	434	307	238	1140	229	153	90	114	148	63
29	186	1570	409	296	---	1880	217	153	130	105	88	66
30	393	1020	380	293	---	1240	247	137	140	101	79	64
31	283	---	358	269	---	955	---	130	---	98	80	---
TOTAL	8864	12336	19513	19131	7617	12890	17842	5409	3515	4631	2685	1991
MEAN	286	411	629	617	272	416	595	174	117	149	86.6	66.4
MAX	565	2270	1400	2120	510	1880	2530	277	204	501	148	80
MIN	186	201	316	269	197	186	217	130	87	80	68	60
CFSM	2.15	3.09	4.73	4.64	2.05	3.13	4.47	1.31	0.88	1.12	0.65	0.50
IN.	2.48	3.45	5.46	5.35	2.13	3.61	4.99	1.51	0.98	1.30	0.75	0.56

STATISTICS OF MONTHLY MEAN DATA FOR PERIOD OF DAILY RECORD, BY WATER YEAR (WY)

MEAN	184	265	353	334	312	438	431	347	244	174	144	164
MAX	760	569	918	887	620	929	1079	811	1002	471	455	524
(WY)	1977	1952	1997	1979	1981	1977	1993	1989	2003	1984	2004	2004
MIN	28.5	52.5	59.7	41.2	113	164	157	127	77.1	54.2	51.4	55.6
(WY)	1964	1965	1999	1981	2002	1985	1985	1965	1965	1965	2002	1964

SCHUYLKILL RIVER BASIN

01468500 SCHUYLKILL RIVER AT LANDINGVILLE, PA--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		FOR PERIOD OF DAILY RECORD	
ANNUAL TOTAL	133739		116424		280	
ANNUAL MEAN	365		319		441	
HIGHEST ANNUAL MEAN					1952	
LOWEST ANNUAL MEAN					1965	
HIGHEST DAILY MEAN	3820	Sep 18	2530	Apr 3	4660	Apr 16 1983
LOWEST DAILY MEAN	111	Jul 11	60	Sep 25	21	Nov 4 1963
ANNUAL SEVEN-DAY MINIMUM	126	Jul 5	62	Sep 19	23	Oct 25 1963
MAXIMUM PEAK FLOW			3320	Nov 28	ab8570	Nov 25 1950
MAXIMUM PEAK STAGE			9.84	Nov 28	13.85	Sep 18 2004
INSTANTANEOUS LOW FLOW			58	Sep 25	19	Oct 30 1963
ANNUAL RUNOFF (CFSM)	2.75		2.40		2.11	
ANNUAL RUNOFF (INCHES)	37.41		32.56		28.62	
10 PERCENT EXCEEDS	627		647		557	
50 PERCENT EXCEEDS	278		225		197	
90 PERCENT EXCEEDS	167		77		75	

a From rating curve extended above 5,000 ft³/s.
 b Gage height, 13.29 ft.

