

SCHUYLKILL RIVER BASIN

01473900 WISSAHICKON CREEK AT FORT WASHINGTON, PA

LOCATION.--Lat 40°07'26", long 75°13'13", Montgomery County, Hydrologic Unit 02040203, on left bank at downstream side of bridge on State Highway 73, 0.5 mi downstream from Sandy Run, and 1 mi south of Fort Washington.

DRAINAGE AREA.--40.8 mi².

PERIOD OF RECORD.--September 1961 to March 1969; June 2000 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is about 140 ft above sea level, from topographic map. From Sept. 1961 to Mar. 1969 gage at present site at different datum.

REMARKS.--No estimated daily discharge. Records good. Several measurements of temperature were made during the year. Satellite telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Sept. 16, 1999, reached a stage of 18.05 ft, from floodmarks, discharge about 14,300 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)
Aug. 1	0030	1,320	7.34	Sept. 20	0015	1,730	8.31
Aug. 4	0330	*2,010	*9.11				

**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	---	---	---	---	---	---	---	---	38	26	251	34
2	---	---	---	---	---	---	---	---	35	24	51	26
3	---	---	---	---	---	---	---	---	33	24	48	118
4	---	---	---	---	---	---	---	---	30	31	485	55
5	---	---	---	---	---	---	---	---	31	26	54	42
6	---	---	---	---	---	---	---	---	55	24	44	39
7	---	---	---	---	---	---	---	---	39	23	61	38
8	---	---	---	---	---	---	---	---	33	22	45	37
9	---	---	---	---	---	---	---	---	32	22	37	36
10	---	---	---	---	---	---	---	---	30	37	34	35
11	---	---	---	---	---	---	---	---	29	23	72	36
12	---	---	---	---	---	---	---	---	110	21	80	34
13	---	---	---	---	---	---	---	---	101	20	43	130
14	---	---	---	---	---	---	---	---	53	45	145	44
15	---	---	---	---	---	---	---	---	41	59	73	264
16	---	---	---	---	---	---	---	---	37	98	46	35
17	---	---	---	---	---	---	---	---	40	38	39	28
18	---	---	---	---	---	---	---	---	45	26	41	27
19	---	---	---	---	---	---	---	---	69	34	38	301
20	---	---	---	---	---	---	---	---	36	30	32	319
21	---	---	---	---	---	---	---	---	39	26	31	48
22	---	---	---	---	---	---	---	---	201	25	30	37
23	---	---	---	---	---	---	---	---	44	24	30	33
24	---	---	---	---	---	---	---	---	35	24	30	33
25	---	---	---	---	---	---	---	---	31	23	29	45
26	---	---	---	---	---	---	---	---	31	166	27	434
27	---	---	---	---	---	---	---	---	37	272	29	81
28	---	---	---	---	---	---	---	---	30	48	45	53
29	---	---	---	---	---	---	---	---	31	35	29	44
30	---	---	---	---	---	---	---	---	29	33	28	40
31	---	---	---	---	---	---	---	---	---	228	29	---
TOTAL	---	---	---	---	---	---	---	---	1425	1557	2056	2526
MEAN	---	---	---	---	---	---	---	---	47.5	50.2	66.3	84.2
MAX	---	---	---	---	---	---	---	---	201	272	485	434
MIN	---	---	---	---	---	---	---	---	29	20	27	26
CFSM	---	---	---	---	---	---	---	---	1.16	1.23	1.63	2.06
IN.	---	---	---	---	---	---	---	---	1.30	1.42	1.87	2.30

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

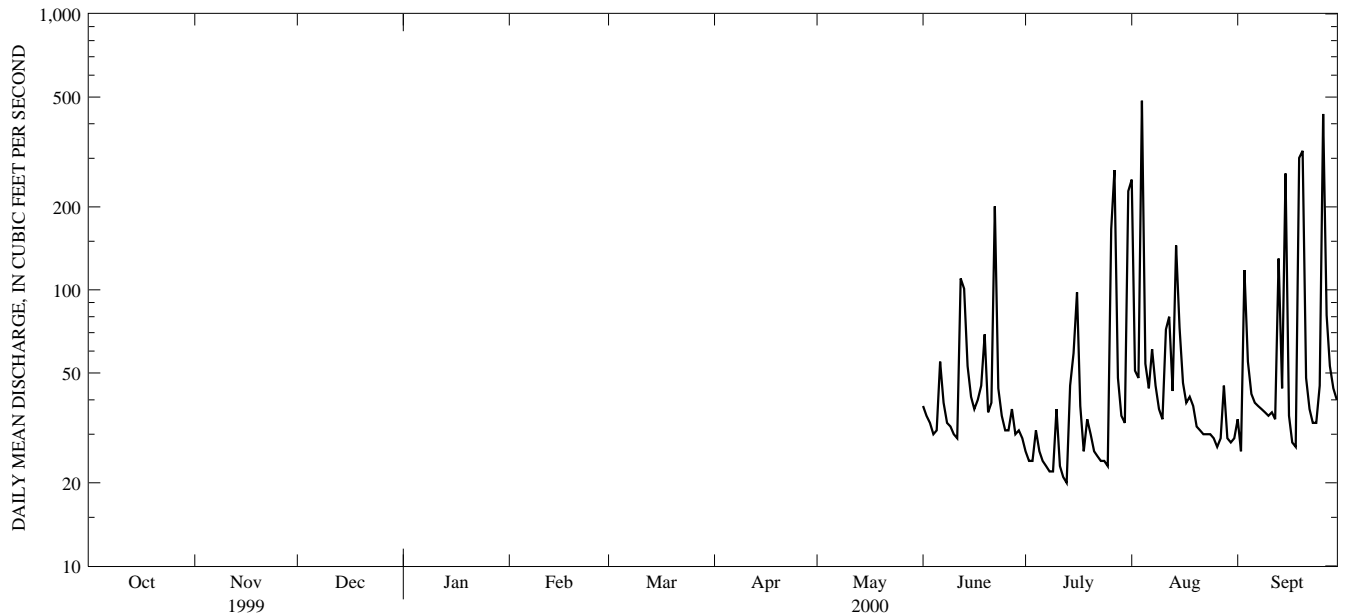
	1964	1965	1966	1967	1968	1969	2000
MEAN	19.9	29.6	41.9	59.2	70.7	92.6	46.5
MAX	55.7	58.4	111	108	119	140	115
(WY)	1967	1963	1968	1964	1966	1967	1962
MIN	7.45	11.7	14.0	17.4	23.9	61.6	30.2
(WY)	1964	1966	1966	1966	1969	1965	1963

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SUMMARY STATISTICS		FOR PERIOD OF DAILY RECORD	
ANNUAL MEAN	44.4		
HIGHEST ANNUAL MEAN	64.2		1967
LOWEST ANNUAL MEAN	25.3		1961
HIGHEST DAILY MEAN	1420	Feb 13	1966
LOWEST DAILY MEAN	4.6	Jul 5	1963
ANNUAL SEVEN-DAY MINIMUM	5.6	Jul 1	1963
INSTANTANEOUS PEAK FLOW	3490	Mar 7	1967
INSTANTANEOUS PEAK STAGE	a12.11	Mar 7	1967
INSTANTANEOUS LOW FLOW	2.9	Sep 2	1963
ANNUAL RUNOFF (CFSM)	1.09		
ANNUAL RUNOFF (INCHES)	14.78		
10 PERCENT EXCEEDS	81		
50 PERCENT EXCEEDS	23		
90 PERCENT EXCEEDS	8.6		

a Site and datum then in use.



JUNE 1, 2000 TO SEPTEMBER 30, 2000