



2004 Water Year SWATARA CREEK BASIN

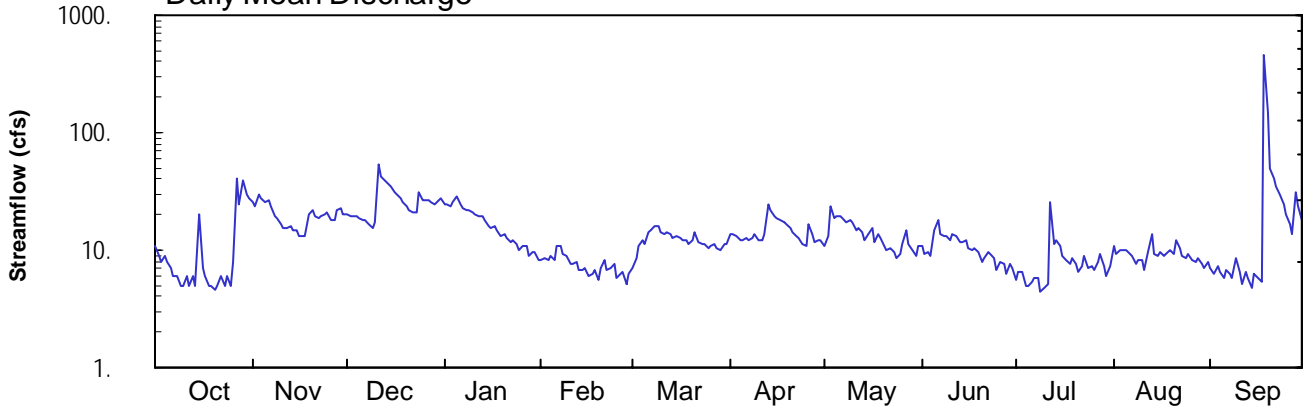
01571778 Lorberry Creek near Lorberry Junction, PA

Latitude: 40° 35' 15"
Schuylkill County

Longitude: 076° 25' 35"
Datum: 740. feet

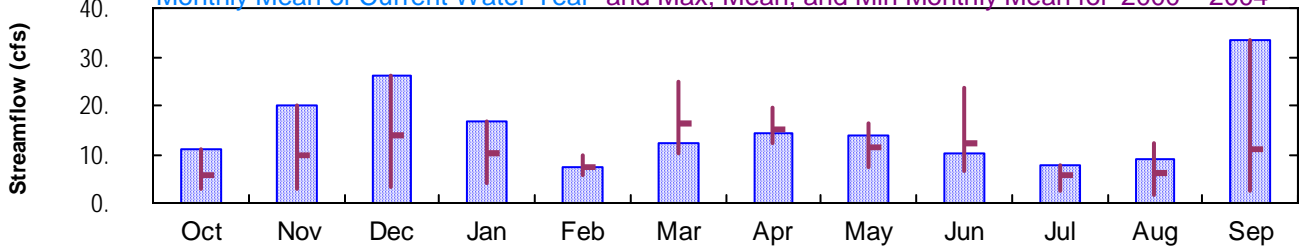
Hydrologic Unit Code: 02050301
Drainage Area: 3.59 mi²

Daily Mean Discharge

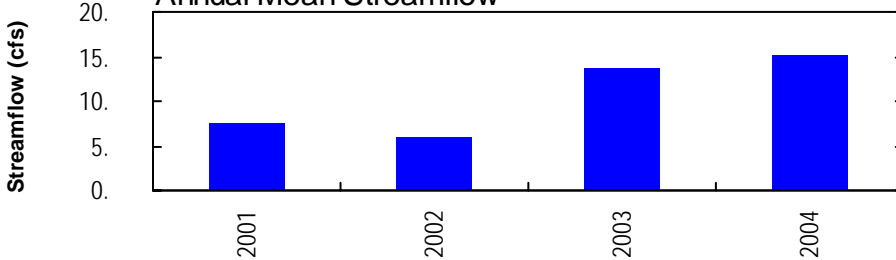


Monthly Statistics

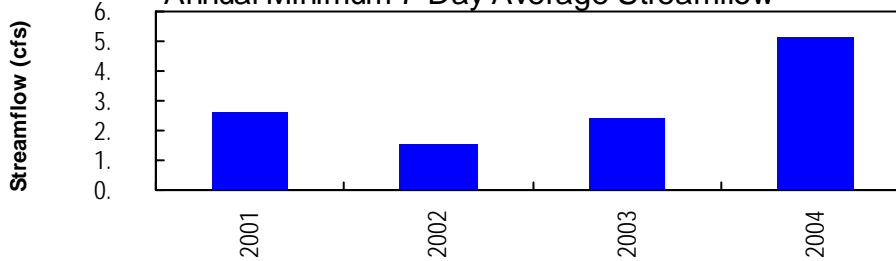
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 2000 – 2004



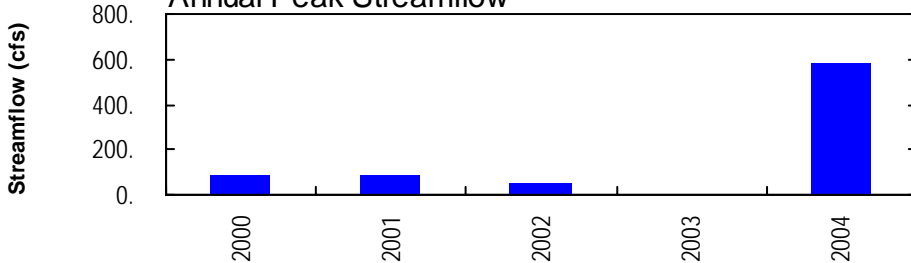
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



NO PHOTOS AVAILABLE FOR THIS SITE

SWATARA CREEK BASIN

**01571778 LORBERRY CREEK NEAR LORBERRY JUNCTION, PA
(Swatara Creek Project)**

LOCATION.--Lat 40°35'15", long 76°25'35", Schuylkill County, Hydrologic Unit 02050301, on left bank 100 ft downstream from bridge on SR 4011, 0.75 mi west of Lorberry Junction.

DRAINAGE AREA.--3.59 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--November 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 740 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records poor.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than a base discharge of 70 ft³/s and maximum (*):

Date	Time	Discharge ft ³ /s	Gage Height (ft)	Date	Time	Discharge ft ³ /s	Gage Height (ft)
Dec. 11	1145	77	2.09	Sept. 18	0300	*578	*a4.21
July 12	1130	174	2.77	Sept. 28	1715	73	2.14

a From floodmark.

**DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e13	e26	20	25	8.3	7.1	14	11	11	5.7	11	7.0
2	8.9	e26	20	24	8.7	8.4	14	13	9.4	6.4	9.3	6.2
3	e10	e26	19	24	8.2	11	13	24	9.6	6.5	10	7.3
4	e9.9	e25	19	26	8.9	12	12	19	8.9	5.0	9.9	6.6
5	e9.5	e25	19	29	8.3	11	12	20	15	4.9	10	5.9
6	e8.7	26	18	25	11	14	13	20	18	5.3	9.3	6.9
7	e8.3	24	18	23	11	15	12	19	14	5.8	8.9	6.3
8	e8.2	20	16	22	9.1	16	13	18	13	5.7	7.5	5.7
9	e7.8	19	15	22	9.0	16	13	18	13	4.4	8.1	8.5
10	e8.1	17	18	21	7.5	14	12	17	12	4.8	8.1	6.6
11	e7.0	15	53	20	7.6	14	12	15	14	5.1	6.6	5.2
12	e7.5	15	43	19	8.0	14	14	15	13	26	9.4	6.4
13	e7.3	16	39	19	6.8	14	24	14	12	11	14	5.7
14	e6.5	15	38	18	6.9	12	22	12	11	12	9.3	4.9
15	e20	15	35	16	7.1	13	20	14	12	11	9.0	6.2
16	e7.5	13	31	15	5.9	12	19	15	10	9.0	9.8	5.8
17	e6.6	13	30	16	6.2	12	18	11	9.8	8.2	9.0	5.3
18	e7.3	13	28	15	6.8	12	17	14	10	7.6	9.3	e450
19	e7.7	20	26	13	5.6	11	16	12	9.4	8.5	9.9	e150
20	e6.9	22	23	14	6.9	12	15	11	7.8	7.5	9.1	e50
21	e7.3	19	22	13	8.2	14	14	10	8.5	6.4	12	e40
22	e7.6	19	21	12	6.8	12	13	11	9.6	7.3	10	e35
23	4.7	19	21	12	7.0	11	13	9.6	9.2	8.8	9.1	e30
24	e7.8	20	31	11	7.5	11	11	8.7	8.4	7.0	8.5	24
25	e8.0	21	26	9.9	5.9	11	11	9.4	6.9	7.4	9.2	20
26	e7.9	18	26	11	6.2	11	17	11	8.0	6.8	8.3	17
27	e40	18	26	11	6.5	11	14	15	7.5	8.1	7.8	14
28	e21	22	25	9.0	5.3	10	12	11	6.2	9.2	8.6	31
29	e32	23	25	9.5	6.3	10	12	9.8	7.7	7.3	7.7	24
30	e28	20	26	9.8	---	11	12	8.9	7.1	6.1	7.0	18
31	e27	---	28	8.1	---	11	---	11	---	7.4	7.9	---
TOTAL	368.0	590	805	522.3	217.5	373.5	434	427.4	312.0	242.2	283.6	1009.5
MEAN	11.9	19.7	26.0	16.8	7.50	12.0	14.5	13.8	10.4	7.81	9.15	33.6
MAX	40	26	53	29	11	16	24	24	18	26	14	450
MIN	4.7	13	15	8.1	5.3	7.1	11	8.7	6.2	4.4	6.6	4.9

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2004, BY WATER YEAR (WY)

MEAN	6.09	9.92	13.8	10.2	7.40	16.4	15.2	11.6	12.2	5.75	6.21	11.1
MAX	11.9	19.7	26.0	16.8	9.82	24.7	19.5	16.4	23.7	7.81	12.4	33.6
(WY)	2004	2004	2004	2004	2001	2000	2000	2000	2003	2004	2003	2004
MIN	2.99	3.03	3.35	3.97	5.83	10.3	12.2	7.30	6.65	2.59	1.82	2.52
(WY)	2002	2002	2002	2002	2002	2002	2002	2001	2002	2002	2002	2002

e Estimated.

SWATARA CREEK BASIN

01571778 LORBERRY CREEK NEAR LORBERRY JUNCTION, PA

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2000 - 2004	
ANNUAL TOTAL	5636.9		5585.0			
ANNUAL MEAN	15.4		15.3		10.6	
HIGHEST ANNUAL MEAN					15.3 2004	
LOWEST ANNUAL MEAN					5.97 2002	
HIGHEST DAILY MEAN	65	Mar 21	e450	Sep 18	e450	Sep 18 2004
LOWEST DAILY MEAN	3.3	Jul 31	4.4	Jul 9	1.2	Sep 7 2002 ^b
ANNUAL SEVEN-DAY MINIMUM	4.0	Jul 28	5.1	Jul 4	1.5	Sep 7 2002
MAXIMUM PEAK FLOW			c578	Sep 18	c578	Sep 18 2004
MAXIMUM PEAK STAGE			a4.21	Sep 18	a4.21	Sep 18 2004
10 PERCENT EXCEEDS	27		25		21	
50 PERCENT EXCEEDS	13		11		8.1	
90 PERCENT EXCEEDS	5.2		6.6		2.8	

- a** From floodmark.
- b** Also Sept. 10, 13, 2002.
- c** From rating extended above 46 ft³/s.
- e** Estimated.