



2005 Water Year
SHERMAN CREEK BASIN
01567500 Bixler Run near Loysville, PA

Latitude: 40° 22 ' 15"

Longitude: 077° 24 ' 09"

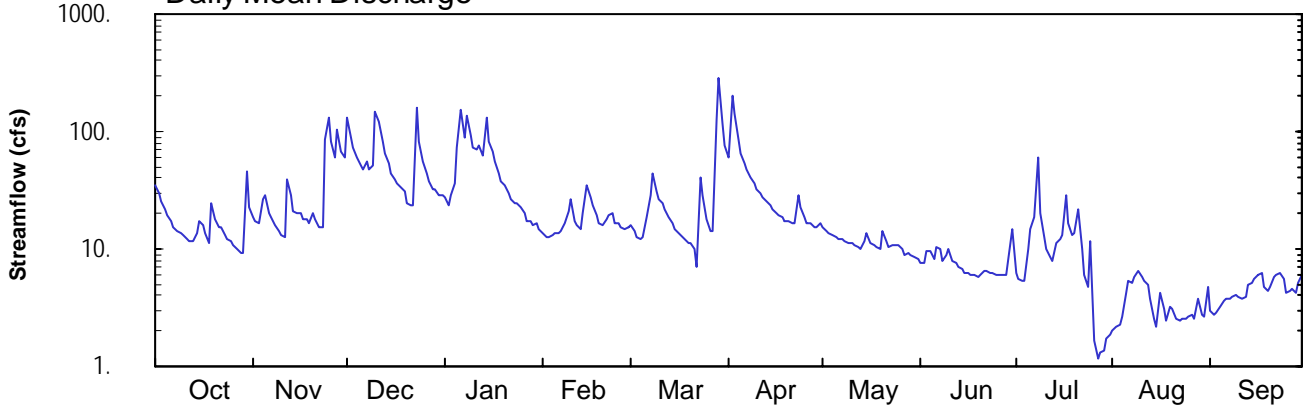
Hydrologic Unit Code: 02050305

Perry County

Datum: 601.22 feet

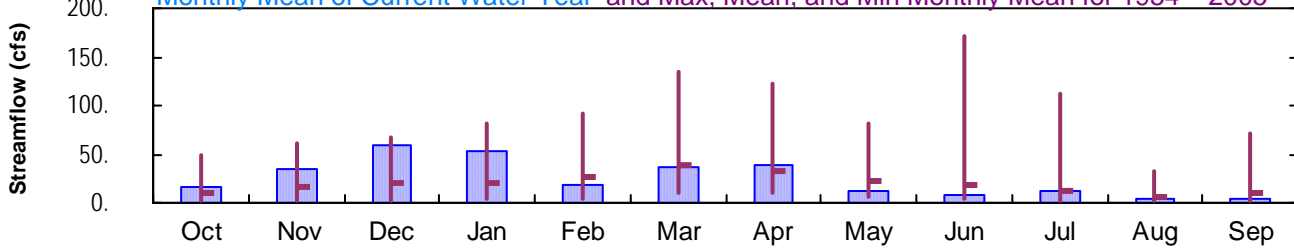
Drainage Area: 15. mi²

Daily Mean Discharge

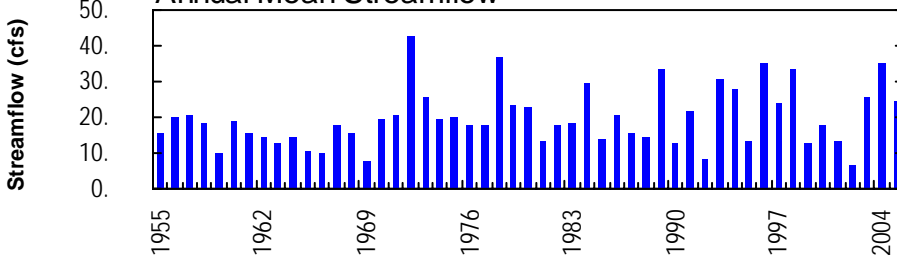


Monthly Statistics

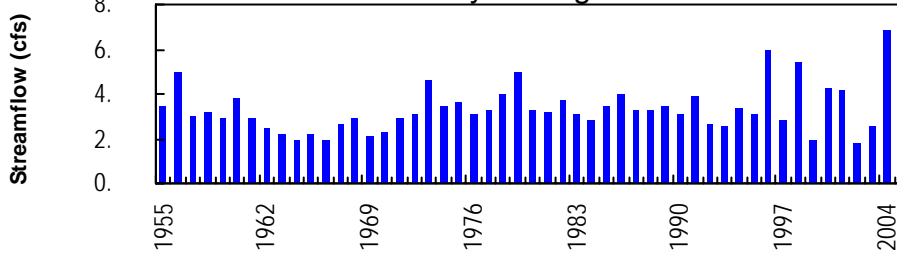
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1954 – 2005



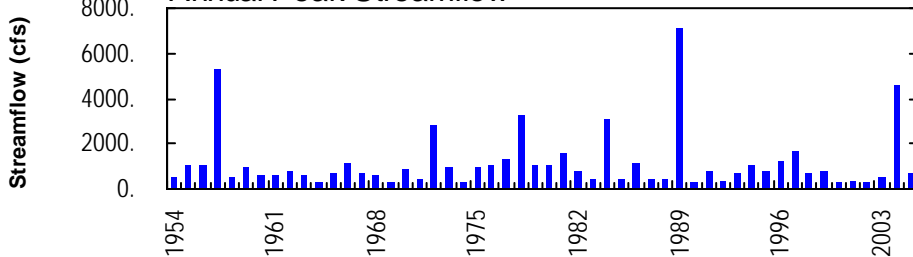
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



01567500-Bixler Run near Loysville

SHERMAN CREEK BASIN

01567500 BIXLER RUN NEAR LOYSVILLE, PA--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1954 - 2005	
ANNUAL TOTAL	12695.1		8987.4		19.7	
ANNUAL MEAN	34.7		24.6		42.6	
HIGHEST ANNUAL MEAN					6.67	1972
LOWEST ANNUAL MEAN					6.67	2002
HIGHEST DAILY MEAN	1140	Sep 18	283	Mar 29	2120	Jun 22 1972
LOWEST DAILY MEAN	5.3	Sep 16	1.2	Jul 27	1.2	Jul 27 2005
ANNUAL SEVEN-DAY MINIMUM	6.9	Sep 10	1.6	Jul 26	1.6	Jul 26 2005
MAXIMUM PEAK FLOW			674	Dec 23	a 7100	Jun 20 1989
MAXIMUM PEAK STAGE			6.92	Dec 23	b 12.90	Jun 20 1989
INSTANTANEOUS LOW FLOW			0.74	Jul 29	0.74	Jul 29 2005
ANNUAL RUNOFF (CFSM)	2.31		1.64		1.32	
ANNUAL RUNOFF (INCHES)	31.48		22.29		17.88	
10 PERCENT EXCEEDS	63		60		40	
50 PERCENT EXCEEDS	23		14		9.9	
90 PERCENT EXCEEDS	10		4.0		3.6	

a From rating curve extended above 2,700 ft³/s on basis of contracted-opening and flow-over-road measurement of peak flow.
b From outside floodmark; 12.19 ft in gage well.

