



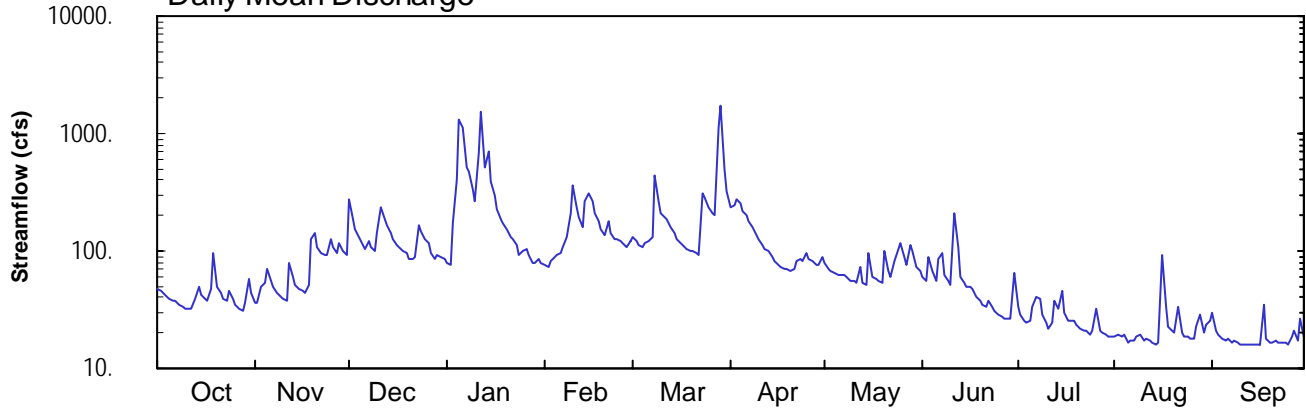
2005 Water Year
MONONGAHELA RIVER BASIN
03074500 Redstone Creek at Waltersburg, PA

Latitude: 39° 58 ' 48"
Fayette County

Longitude: 079° 45 ' 52"
Datum: 882.28 feet

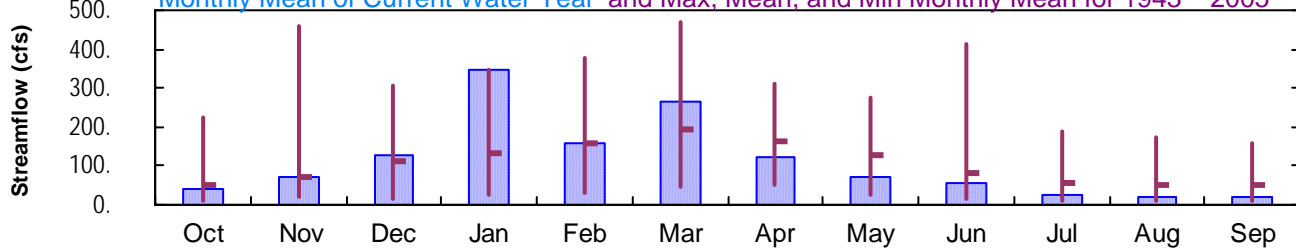
Hydrologic Unit Code: 05020005
Drainage Area: 73.7 mi²

Daily Mean Discharge

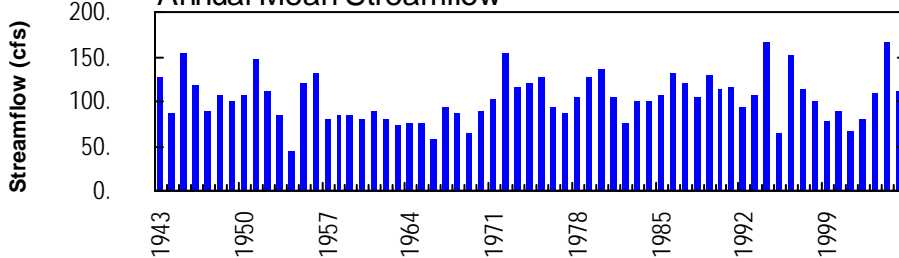


Monthly Statistics

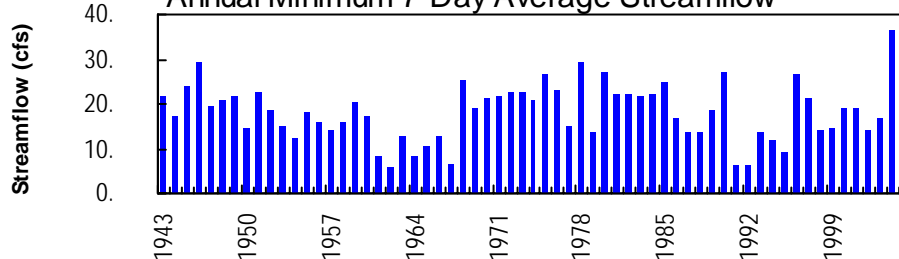
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1943 – 2005



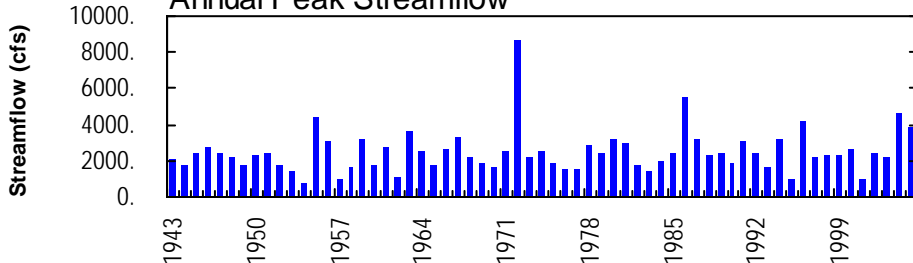
Annual Mean Streamflow



Annual Minimum 7-Day Average Streamflow



Annual Peak Streamflow



MONONGAHELA RIVER BASIN

03074500 REDSTONE CREEK AT WALTERSBURG, PA--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1943 - 2005	
ANNUAL TOTAL	51085		40668			
ANNUAL MEAN	140		111		103	
HIGHEST ANNUAL MEAN					167	2004
LOWEST ANNUAL MEAN					44.2	1954
HIGHEST DAILY MEAN	1440	Apr 13	1750	Mar 29	6620	Jun 23 1972
LOWEST DAILY MEAN	29	Jul 25	16	Aug 14 ^a	4.8	Sep 22 1991
ANNUAL SEVEN-DAY MINIMUM	34	Oct 6	16	Sep 10	5.3	Sep 28 1991
MAXIMUM PEAK FLOW			3890	Mar 29	^b 8660	Jun 23 1972
MAXIMUM PEAK STAGE			10.24	Mar 29	^c 14.83	Jun 23 1972
INSTANTANEOUS LOW FLOW			14	Aug 13 ^d	4.2	Aug 2 1962
ANNUAL RUNOFF (CFSM)	1.89		1.51		1.40	
ANNUAL RUNOFF (INCHES)	25.79		20.53		19.03	
10 PERCENT EXCEEDS	255		214		210	
50 PERCENT EXCEEDS	94		70		62	
90 PERCENT EXCEEDS	39		19		21	

^a Also Sept. 10-16, 22, 23, 25.

^b From rating curve extended above 8,200 ft³/s.

^c From peak-stage indicator.

^d Also Aug. 14, 15, Sept. 10-16, 19, 20, 22-25.

