



BUFFALO CREEK BASIN

03049000 BUFFALO CREEK NEAR FREEPORT, PA--Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1941 - 2003	
ANNUAL TOTAL	53390.8		68292			
ANNUAL MEAN	146		187		189	
HIGHEST ANNUAL MEAN					312	1956
LOWEST ANNUAL MEAN					122	1999
HIGHEST DAILY MEAN	1600	Mar 27	1580	Jan 2	7710	Jun 23 1972
LOWEST DAILY MEAN	3.1	Sep 14	13	Aug 25	1.3	Oct 16 1960
ANNUAL SEVEN-DAY MINIMUM	4.2	Sep 9	15	Oct 8	1.7	Oct 13 1960
MAXIMUM PEAK FLOW			2920	Jan 1	<b>b</b> 14000	Oct 15 1954
MAXIMUM PEAK STAGE			<b>a</b> 5.80	Jan 1	<b>c</b> 13.60	Oct 15 1954
INSTANTANEOUS LOW FLOW					1.3	Oct 16 1960 <b>d</b>
ANNUAL RUNOFF (CFSM)	1.07		1.37		1.38	
ANNUAL RUNOFF (INCHES)	14.50		18.54		18.74	
10 PERCENT EXCEEDS	347		415		452	
50 PERCENT EXCEEDS	76		120		93	
90 PERCENT EXCEEDS	13		26		12	

- a** Maximum gage height, 6.22 ft, Feb. 23 (backwater from ice).
- b** From rating curve extended above 4,300 ft<sup>3</sup>/s on basis of slope-area measurement of peak flow.
- c** From floodmarks.
- d** Also Sept. 15, 2002, minimum observed.

