



Water-Data Report 2011

01610200 LOST RIVER AT MCCAULEY NEAR BAKER, WV

Potomac Basin
Cacapon-Town Subbasin

LOCATION.--Lat 39°03'18", long 78°43'31" referenced to North American Datum of 1927, Hardy County, WV, Hydrologic Unit 02070003, on left bank at McCauley, 1.4 mi upstream from Three Springs Run, and 1.7 mi east of Baker.

DRAINAGE AREA.--155.00 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1971 to January 1980 (daily discharge and peaks).

REVISED RECORDS.--WDR WV-97-1: 1977-79(P). WDR-US-2011: 1977-79.

GAGE.--Water-stage recorder. Datum of gage is 1,258.86 ft above NAVD 88 (VERTCON conversion of 1,259.34 ft above NGVD 29). Prior to Sept. 4, 1979, at site 350 ft downstream at same datum.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--8 years, 186 ft³/s, 16.34 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,600 ft³/s, June 23, 1972, gage height 11.58 ft (from floodmarks), at previous location, from rating curve extended above 1,000 ft³/s on basis of slope-area measurement of peak flow; minimum, 1.8 ft³/s, July 23, 24, 1977, gage height, 0.63 ft.

REVISIONS.--Revised maximum discharges for water years 1977-79 were published in the 1997 water-year report; revised daily discharges, in cubic feet per second, for high-water periods in these years are given below. These figures supersede those published in the reports for 1977-80.

Date	ft ³ /s	Date	ft ³ /s	Date	ft ³ /s
Oct 9, 1976	5490	Jan 27, 1978	1070	Feb 26, 1979	3340
Oct 10, 1976	1390	Feb 24, 1979	2720	Feb 27, 1979	1010
Jan 26, 1978	3500	Feb 25, 1979	3140	Feb 28, 1979	665

Date	Total	Mean	Max	Min	(ft ³ /s)/	
					mi ²	In.
Oct 1976	16572	535	5490	58	3.45	3.98
Wtr Yr 1977	44455.9	122	5490	1.8	.79	10.67
Cal Yr 1976	45248.5	124	5490	3.2	.80	10.86
Jan 1978	8492	274	3500	42	1.77	2.04
Wtr Yr 1978	94043.9	258	4100	9.9	1.66	22.57
Cal Yr 1978	75703.9	207	4100	9.0	1.34	18.17
Feb 1979	13364	477	3340	35	3.08	3.21
Wtr Yr 1979	70296.0	193	3340	9.0	1.24	16.87
Cal Yr 1979	95953	263	3340	10	1.70	23.03