

03204500 MUD RIVER NEAR MILTON, WV

Guyandotte Basin
Lower Guyandotte Subbasin

LOCATION.--Lat 38°23'18", long 82°06'48" referenced to North American Datum of 1927, Cabell County, WV, Hydrologic Unit 05070102, on right bank 75 ft downstream from highway bridge, 700 ft downstream from Little Twomile Creek, 0.9 mi upstream from Charley Creek, 3.4 mi south of Milton, and at mile 25.3.

DRAINAGE AREA.--256.00 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 1938 to September 1980 (daily discharge and peaks).

REVISED RECORDS.--WSP 1555: 1953, drainage area. WDR WV-97-1: 1938(M), 1939(P), 1940(P), 1942(M), 1943(P), 1944(M), 1945(P), 1946(M), 1947(M), 1948(P), 1949-51(M), 1962(P), 1963(M), 1965(M), 1967(M), 1968(M), 1974(M), 1979(M). WDR-US-2011: 1979.

GAGE.--Water-stage recorder. Datum of gage is 572.64 ft above COE1912. Prior to Nov. 21, 1957, nonrecording gage at site 75 ft upstream at same datum.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--42 years, 290 ft³/s, 15.38 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,700 ft³/s, Dec. 9, 1978, gage height 29.38 ft; minimum, 0.01 ft³/s, Sept. 8, 1957; minimum gage height, 0.06 ft, Sept. 21, 23, 1959.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 2, 1997 reached a stage of 28.76 ft (from floodmarks), discharge, 19,000 ft³/s.

REVISIONS.--The maximum discharge for the 1979 water year and 1978 calendar year were revised to 20,700 ft³/s, Dec. 9, 1978, gage height 29.38 ft, and published in the 1997 water-year report; revised daily discharges, in cubic feet per second, for the period in December 1978 are given below. These figures supersede those published in the report for 1979.

Date	ft ³ /s	Date	ft ³ /s
Dec 9, 1978	15900	Dec 10, 1978	10200

Date	Total	Mean	Max	Min	(ft ³ /s)/	
					mi ²	ln.
Dec 1978	44085	1422	15900	65	5.56	6.41
Wtr Yr 1979	188834.9	517	15900	4.7	2.02	27.44
Cal Yr 1978	147941.1	405	15900	4.7	1.58	21.50