

Water-Data Report 2012

03203000 GUYANDOTTE RIVER AT MAN, WV

Guyandotte Basin
Upper Guyandotte Subbasin

LOCATION.--Lat 37°44'25", long 81°52'37" referenced to North American Datum of 1927, Logan County, WV, Hydrologic Unit 05070101, on right bank at downstream side of highway bridge at Man, 500 ft upstream from Buffalo Creek, and 0.7 mi downstream from Huff Creek, and at mile 93.4.

DRAINAGE AREA.--758 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1929 to September 1962 (daily discharge and peaks), October 1963 to September 2000 (annual maxima), October 2000 to September 2008 (annual maximum gage height), October 2008 to current year (annual maximum and minimum gage height). Prior to October 1959, published as Guyandot River at Man.

REVISED RECORDS.--WDR WV-97-1: 1957(M), Drainage area.

GAGE.--Water-stage recorder with satellite telemeter. Datum of gage is 709.85 ft above NAVD 88 (710.55 ft above NGVD 29). Prior to July 3, 1934, nonrecording gage at same site and datum.

REMARKS.--Flow regulated since February, 1980 by R.D. Bailey Dam at mile 112.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--33 years (water years 1930-62), 984 ft³/s.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 40,000 ft³/s, Mar. 3, 1934, from rating curve extended above 20,000 ft³/s, maximum gage height, 22.25 ft, Jan. 29, 1957; minimum discharge, 3.0 ft³/s, Oct. 6, 1930, gage height, 2.32 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 12, 1963, reached a stage of 24.78 ft, discharge, 49,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 12.69 ft, Apr. 26; minimum gage height, 3.31 ft, Sept. 15.