

**03202915 GUYANDOTTE RIVER BELOW R.D. BAILEY DAM, WV**

Guyandotte Basin  
Upper Guyandotte Subbasin

LOCATION.--Lat 37°35'53", long 81°49'46" referenced to North American Datum of 1927, Mingo County, WV, Hydrologic Unit 05070101, on right bank, 500 ft upstream from Little Huff Creek, 2,500 ft downstream from R. D. Bailey Dam, 0.5 mi northeast of Justice, and at river mile 111.6.

DRAINAGE AREA.--535 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--November 1978 to September 1982 (daily discharge and annual maxima), October 1986 to September 1986 (daily mean gage height and annual maxima), October 1986 to September 1991 (daily discharge and annual maxima), October 1991 to September 1993 (daily mean gage height and annual maxima), October 1993 to September 2000 (annual maxima), October 2001 to current year (annual maximum gage height).

GAGE.--Water-stage recorder with satellite telemeter. Datum of gage is 879.32 ft above NAVD 88 (VERTCON conversion of 880.00 ft above NGVD 29).

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--8 years (water years 1980-82, 1987-91), 778 ft<sup>3</sup>/s, 19.75 in/yr, unadjusted.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 16,800 ft<sup>3</sup>/s, June 22, 1979, gage height, 13.90 ft; minimum discharge, 2.1 ft<sup>3</sup>/s, Dec. 18, 1978; minimum gage height, 1.91 ft, Aug. 30, 1983 (gates closed), but may have been less Sept. 14, 30, 1983 (gates closed).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.11 ft, Oct. 28.