

Water-Data Report 2007

03202480 BRIER CREEK AT FANROCK, WV

Guyandotte Basin
Upper Guyandotte Subbasin

LOCATION.--Lat 37°33'48", long 81°39'09" referenced to North American Datum of 1927, Wyoming County, WV, Hydrologic Unit 05070101, on right bank on Secondary State Route 14, 0.3 miles south of Fanrock, and at mile 0.3.

DRAINAGE AREA.--7.34 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1969 to September 1977 (daily discharge and peaks), September 1993 to current year (annual maxima). Prior to October 1975, published as Briar Creek at Fanrock.

REVISED RECORDS.--WDR WV-97-1: Drainage area. WDR WV-2003-1: 1997-2002(M). WDR WV-2005-1: 2002(M).

GAGE.--Crest-stage gage. Elevation of gage is 1,212.26 ft above NAVD 88 (1,212.84 ft above NGVD 29). Prior to September 30, 1977, water-stage recorder at same site and datum.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--8 years (water years 1970-77), 10.5 ft³/s, 19.80 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,200 ft³/s, May 16, 1996, gage height, unknown, estimated on basis of unit-runoff comparison with discharge at Indian Creek at Fanrock (03202490), highest since 1970; minimum daily, 0.06 ft³/s, Oct. 22-31, 1969.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 855 ft³/s, Apr. 15, gage height, 7.55 ft.