

Water-Data Report 2013

03114650 BUFFALO RUN NEAR LITTLE, WV

Upper Ohio-Little Kanawha Basin
Little Muskingum-Middle Island Subbasin

LOCATION.--Lat 39°29'13", long 81°00'27" referenced to North American Datum of 1927, Tyler County, WV, Hydrologic Unit 05030201, on left bank, 1.0 miles northwest of Little, and at mile 1.4.

DRAINAGE AREA.--4.19 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1969 to September 1977 (daily discharge and peaks), October 1993 to current year (annual maxima).

REVISED RECORDS.--WDR WV-72-1: 1971(P). WDR WV-74-1: 1971-73(P). WDR WV-97-1: Drainage area. WDR-US-2007: 1994-97(M), 2000(M), 2002(M), 2003(M).

GAGE.--Crest-stage gage. Datum of gage is approximately 659.46 ft above NAVD 88 (VERTCON conversion of 660 ft. above NGVD 29, from topographic map). Prior to Oct. 1, 1977, water-stage and rainfall recorders 0.2 mi downstream at present datum.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--8 years, 5.86 ft³/s, 18.91 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,280 ft³/s, June 23, 1974, gage height 12.31 ft, from rating curve extended above 1,080 ft³/s; maximum gage height, 13.30 ft, June 28, 1998, from floodmark (backwater affect from debris pileup); minimum daily discharge, 0.01 ft³/s, Sept. 5-19, 22-30, Oct. 1-31, 1969.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1420 ft³/s, Aug. 13, gage height, 11.56 ft.