

Water-Data Report 2007

**03196600 ELK RIVER NEAR FRAMETOWN, WV**

Kanawha Basin  
Elk Subbasin

LOCATION.--Lat 38°35'32", long 80°53'05" referenced to North American Datum of 1927, Braxton County, WV, Hydrologic Unit 05050007, on right bank opposite mouth of Birch River, at village of Glendon, 2.2 mi upstream from Strange Creek, 3.2 mi southwest of Frametown, and at mile 82.6.

DRAINAGE AREA.--751 mi<sup>2</sup>, includes that of Birch River.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1958 to September 1981 (daily discharge and annual maxima), October 1981 to September 1993 (daily mean gage height and annual maxima), October 1993 to September 2000 (annual maxima), October 2000 to September 2001 (annual maximum gage height), October 2001 to September 2002 (annual maxima), October 2002 to current year (annual maximum gage height).

REVISED RECORDS.--WDR WV-82-1: Drainage area.

GAGE.--Water-stage recorder with satellite telemeter. Datum of gage is 774.82 ft above NAVD 88 (775.42 ft above NGVD 29). Prior to Mar. 25, 1959, nonrecording gage at same site and datum.

REMARKS.--Flow regulated since October 1960 by Sutton Dam.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--23 years (water years 1959-81), 1,572 ft<sup>3</sup>/s, 28.39 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 30,300 ft<sup>3</sup>/s, July 31, 1966, gage height, 20.39 ft; minimum, 9.0 ft<sup>3</sup>/s, Sept. 28, 29, 1959, gage height, 1.44 ft.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.82 ft, Apr. 15.