

Water-Data Report 2006

03196800 ELK RIVER AT CLAY, WV

Kanawha Basin
Elk Subbasin

LOCATION.--Lat 38°27'38", long 81°05'16" referenced to North American Datum of 1927, Clay County, WV, Hydrologic Unit 05050007, on upstream side, right bank of county highway bridge, CR-28 (Pisgah Ridge Rd) in the town of Clay, 1.0 mi downstream from Buffalo Creek, and 2.2 mi downstream from Lower Two Run Creek, and at mile 52.4.

DRAINAGE AREA.--992 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1958 to September 1978 (daily discharge), October 1978 to September 1998 (gage heights, miscellaneous discharge measurements, and annual maximum discharge), April 2002 to November 2003 (miscellaneous discharge measurements), October 2003 to current year (annual maximum gage heights only). Gage height records collected at same site since 1915 are contained in reports of National Weather Service.

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

GAGE.--Water-stage recorder with satellite telemeter. Datum of gage is 677.46 ft above NGVD 1929. Prior to Mar. 27, 1959, nonrecording gage at same site and datum.

REMARKS.--Flow regulated since 1960 by Sutton Lake.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 22.80 ft, Mar. 15, 1967.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 14, 1918, reached a stage of 32.4 ft, from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 11.88 ft, July 15.