

Water-Data Report 2010

03154000 WEST FORK LITTLE KANAWHA RIVER AT ROCKSDALE, WV

Upper Ohio-Little Kanawha Basin
Little Kanawha Subbasin

LOCATION.--Lat 38°50'39", long 81°13'22" referenced to North American Datum of 1927, Calhoun County, WV, Hydrologic Unit 05030203, on right bank on State Route 11, 850 ft downstream from Henry Fork, 1,600 ft downstream from store at Rocksdale, 1 mi downstream from Barnes Run, 9 mi southwest of Grantsville, and at mile 14.1.

DRAINAGE AREA.--205 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1928 to September 1931, and October 1937 to September 1975 (daily discharge and peaks, monthly discharge only for some periods published in WSP 1305), October 1975 to September 2003 (annual maxima), October 2003 to September 2008 (annual maximum gage height), October 2008 to current year (annual maximum and minimum gage height).

REVISED RECORDS.--WSP 953: 1929-31, 1938(M), 1939. WSP 1275: 1950. WDR WV-97-1: 1953 (M).

GAGE.--Water-stage recorder with satellite telemetry. Datum of gage is 657.85 ft above COE 1912. Nov. 4, 1946 to June 15, 1966, crest-stage gage on bridge 800 ft upstream at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,200 ft³/s, Apr. 16, 1939, gage height, 30.3 ft, from floodmarks at location 800 ft upstream, from rating curve extended above 13,000 ft³/s; maximum gage height, 31.55 ft, Mar. 2, 1997, from floodmarks; no flow at times during 1930, 1931, 1954, 1957, 1959, and 1960.

EXTREMES FOR PERIOD PRIOR TO REGULATION.--Maximum discharge, 20,200 ft³/s, Apr. 16, 1939, gage height, 30.3 ft, from floodmarks at location 800 ft upstream, from rating curve extended above 13,000 ft³/s, no flow at times during 1930, 1931, 1954, 1957, 1959, and 1960.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.09 ft, Feb. 6; minimum, 3.49 ft, July 9.