

03187000 GAULEY RIVER AT CAMDEN ON GAULEY, WV

Kanawha Basin
Gauley Subbasin

LOCATION.--Lat 38°21'57", long 80°36'04" referenced to North American Datum of 1927, Webster County, WV, Hydrologic Unit 05050005, on right bank, in the town of Camden-on-Gauley, 0.2 mi downstream from Coon Creek, and 0.9 mi upstream from Strouds Creek, and at mile 69.6.

DRAINAGE AREA.--236 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1908 to December 1909 (monthly discharge published in WSP 1305), January 1909 to September 1916, and October 1929 to September 1975 (daily discharge and peaks, monthly discharge only for some periods published in WSP 1305), October 1975 to September 1977, and October 1978 to September 2000 (annual maxima), October 2000 to September 2008 (annual maximum gage height), October 2008 to current year (annual maximum and minimum gage height). Prior to October 1934, published as Gauley River at Allindale. Gage-height records collected in this vicinity since 1901 are contained in reports of the National Weather Service.

REVISED RECORDS.--WSP 1275: 1908-16, 1931 (M), 1934.

GAGE.--Water-stage recorder with satellite telemeter. Datum of gage is 2,003.32 ft above NAVD 88 (2,003.82 ft above NGVD 29, and 2,003.28 ft above COE 1912), July 1908 to Sept. 30, 1916, nonrecording gage at site 1.1 mi downstream at datum 3.08 ft lower. Oct. 20, 1929 to Oct. 29, 1934, nonrecording gage at site 1.1 mi downstream at present datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 42,500 ft³/s, July 4, 1932, gage-height, 27.38 ft, present site and datum, from floodmarks (23.3 ft at site 1.1 mi downstream), from rating curve extended above 17,000 ft³/s on basis of velocity-area studies; minimum, 0.3 ft³/s, Oct. 23-27, 1953; minimum gage height, 0.36 ft, Sept. 9, 1964.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Dec. 15, 1901, reached a stage of 23.7 ft (present site and datum, adjusted for datum and stream slope from National Weather Service gage), discharge, 31,500 ft³/s, from rating curve extended above 17,000 ft³/s on basis on velocity-area studies.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.74 ft, Dec. 1; minimum gage height, 1.33 ft, Aug. 6, 7, 8, Sept. 4.