01465888 SOUTHWEST BRANCH RANCOCAS CREEK AT KIRBYS MILL, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 39°55′00″, long 74°48′19″ referenced to North American Datum of 1983, Medford Township, Burlington County, NJ, Hydrologic Unit 02040202, on left upstream wingwall of bridge on Church Road (County Route 616) at Kirbys Mill, 60 ft upstream of dam that forms Lake Cotoxen, 1.5 mi northeast of Medford, and 3.3 mi south of Lumberton.

DRAINAGE AREA.--53.5 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 2007 to 2014 (discontinued).

GAGE.--Crest-stage gage. Datum is 15 ft above NAVD of 1988.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 28.17 ft, Apr 16, 2007.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of September 1, 1940, reached a stage of 32.37 ft, NGVD of 1929, according to Corps of Engineers' "Flood Plain Report on Rancocas Creek, Burlington County, New Jersey," published April 1967. Flood of July 12-13, 2004, reached a stage of 30.6 ft, NGVD of 1929, from flood marks.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.02 ft, Aug 13.