

REVISION OF RECORDS FOR A DISCONTINUED STATION

01384000 WANAQUE RIVER AT MONKS, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 41°07'21", long 74°17'49" referenced to North American Datum of 1983, Ringwood Borough, Passaic County, NJ, Hydrologic Unit 02030103, formerly on left bank just upstream of Wanaque Reservoir, and 0.3 mi downstream of original location of bridge on Stone House Road at Monks. Gage was demolished in 1985 and Monksville Reservoir Dam built at gage site.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1934 to April 1985 (discontinued). Monthly discharge only for October to December 1934, published in WSP 1302.

REVISED RECORDS.--WDR NJ-84-1: 1955(M), 1956(M), 1968(M), 1971(M), 1979(M), 1980(M). WRD US-09: 1938(M), 1951(M), 1952(M), 1955, 1956, 1980(M).

GAGE.--Water-stage recorder and concrete dam (demolished in 1985). Datum of gage is 303.17 ft above National Geodetic Vertical Datum of 1929) levels from New Jersey Geological Survey benchmark.

REMARKS.--Records include flow over spillway, through ports in former dam, and down fish ladder in former dam. Flow regulated by Greenwood Lake (see 01383000).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,100 ft³/s, from rating curve extended above 1,500 ft³/s on basis of contracted-opening measurement of peak flow, Apr. 5, 1984, gage height, 4.84 ft, from high-water mark; no flow part of day in some years just after waste gate was closed and water was below intake to ports.

REVISIONS.--Annual peak discharges for water years 1938, 1951, and 1952 have been revised superseding those published in annual data reports for those years. The peak for water year 1938 has been revised to 2,060 ft³/s, Sep 21, 1938, gage height, 3.50 ft. The peak for water year 1951 has been revised to 2,370 ft³/s, Mar 31, 1951, gage height, 3.85 ft. The peak for water year 1952 has been revised to 2,130 ft³/s, Mar 11, 1952, gage height, 3.56 ft.

Mean daily discharges for water years 1955, 1956, and 1980 have been revised superseding those published in annual data reports for those years. The mean daily discharge for Aug 19, 1955 is 2,250 ft³/s. The mean daily discharge for Aug 20, 1955 is 1,380 ft³/s. The mean daily discharge for Oct 15, 1955 is 1,460 ft³/s. The mean daily discharge for Oct 16, 1955 is 1,910 ft³/s. The mean daily discharge for Mar 22, 1980 is 1,700 ft³/s.