



Water-Data Report 2010

01379490 PASSAIC RIVER TRIBUTARY AT SUMMIT, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 40°42'59", long 74°23'02" referenced to North American Datum of 1983, Summit Borough, Union County, NJ, Hydrologic Unit 02030103, on left bank upstream wingwall of bridge on Passaic Avenue in Summit, 0.3 mi north of intersection of Passaic Avenue and Springfield Avenue, 0.4 mi upstream of mouth, and 1.5 mi south of Chatham.

DRAINAGE AREA.--0.27 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 1999 to 2010 (discontinued).

REVISED RECORDS.--WDR US-2006: 2000(M), 2002(M), 2005(M).

GAGE.--Crest-stage gage. Datum of gage is 260 ft above NAVD of 1988, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 300 ft³/s, Sep 16, 1999, gage height, 7.75 ft; maximum gage height, 8.11 ft (due to backwater caused by debris), Jun 14, 2008.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 172 ft³/s, Mar 30, gage height, 5.08 ft.