



Water-Data Report 2009

**01408015 MINGAMAHONE BROOK AT FARMINGDALE, NJ**

MANASQUAN RIVER BASIN

LOCATION.--Lat 40°11'38", long 74°09'41" referenced to North American Datum of 1983, Howell Township, Monmouth County, NJ, Hydrologic Unit 02040301, on upstream right wingwall of culvert on Belmar Boulevard, 0.3 mi east of Farmingdale, and 3.0 mi upstream from mouth.

DRAINAGE AREA.--6.20 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Annual maximum, water years 1969 to current year. Occasional low-flow measurements, 1973-74, 2002 to current year.

REVISED RECORDS.--WDR NJ-05-1: 1970(M), 1971(M), 1972(M), 1972(M), 1975(M), 1978(M), 1979(M), 1980(M), 1983(M), 1984(M), 1986(M), 1987(M), 1989(M), 1990(M), 1991(M), 1993(M), 1994(M), 1996(M), 1998(M), 1999(M), 2001(M), 2004(M).

GAGE.--Crest-stage gage. Datum of gage is 48.64 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 727 ft<sup>3</sup>/s, Jul 21, 1975, gage height, 7.31 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 272 ft<sup>3</sup>/s, Dec 12, gage height, 5.59 ft.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

| <b>Date</b>  | <b>Discharge,<br/>in ft<sup>3</sup>/s</b> |
|--------------|---|
| Jul 9, 2009  | 5.01                                      |
| Aug 11, 2009 | 5.74                                      |