

## **Robinsons Branch at Rahway Flood Levels (USGS Station 01396000)**

<https://waterwatch.usgs.gov/index.php?m=real&r=nj&w=map>

**LOCATION.**-- Lat 40°36'21", long 74°17'59" referenced to North American Datum of 1983, Rahway City, Union County, NJ, Hydrologic Unit 02030104, on right bank, 300 ft upstream of dam on Milton Lake in Rahway, 0.6 mi downstream from Middlesex Reservoir Dam, and 1.6 mi upstream from mouth.

**DRAINAGE AREA.**—21.6 mi<sup>2</sup>.

**PERIOD OF RECORD.**-- -Continuous-record gaging station, water years 1940-96. Continuous-record gage-height station with annual maximum discharge, water years 1999 to current year.

**GAGE.** – Datum of gage is 19.99 ft above NGVD of 1929, which corresponds approximately to 19 feet above mean sea level.

**REMARKS** -- Real-time/recorded flood heights can be shown in stage or elevation. Stage is measured in units of feet above an arbitrary starting point that was set when the gage was first installed. In this case, this starting point is roughly 19 feet above mean sea level and 19.99 feet above the NGVD29 vertical datum referenced in the effective FEMA flood insurance Rate Maps for Rahway City.

“Flood stage” is the elevation where the rising river starts to damage property. Some nearby yards and parks are flooded when the river reaches a stage of about 12 feet (32 feet NGVD29). Some nearby buildings start may be affected at a stage of about 15 feet (35 feet NGVD29).

STAGE (ft)	ELEVATION (ft, NGVD29)	EVENT
6.56	26.6	Highest recorded (8/28/2011)
6.48	26.5	2 <sup>nd</sup> Highest recorded (9/16/1999)
6.17	26.2	3 <sup>rd</sup> Highest recorded (4/16/2007)
6.04	26.0	4 <sup>th</sup> Highest recorded (3/14/2010)
5.28	25.3	5 <sup>th</sup> Highest recorded (7/18/2019)
4.04	24.0	Recent stage (on 10/10/2020)
12.01	32.0	Flooding begins on Midwood Drive

The USGS also provides real-time stage data for the Rahway River at Rahway