

## **Rahway River at Rahway Flood Levels (USGS Station 01395000)**

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

**LOCATION.**--Lat 40°37'08", long 74°17'00" referenced to North American Datum of 1983, Rahway City, Union County, NJ, Hydrologic Unit 02030104, on left bank, 100 ft upstream from bridge on St. Georges Avenue in Rahway, and 0.9 mi upstream from Robinsons Branch.

**DRAINAGE AREA.**--40.9 mi<sup>2</sup>.

**PERIOD OF RECORD.**--Continuous-record discharge station, October 1921 to current year. Gage heights and discharge measurements only, July 1908 to April 1915.

**GAGE.** – Datum of gage is 8.77 ft above NGVD of 1929, which corresponds approximately to 8 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 8 feet above mean sea level and 8.77 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

13.2 feet (22 feet NGVD29). Some nearby buildings may be affected at a stage of about 16 feet (25 feet NGVD29).

STAGE (ft)	ELEVATION (ft, NGVD29)	EVENT
12.1	20.9	Highest recorded (8/28/2011)
9.60	18.4	2 <sup>nd</sup> Highest recorded (9/17/1999)
8.91	17.7	3 <sup>rd</sup> Highest recorded (4/16/2007)
8.12	16.9	4 <sup>th</sup> Highest recorded (3/14/2010)
6.0	14.8	USGS 80th percentile
1.44	10.2	Recent stage (on 10/10/2020)
13.2	22	Inundation of Park Terrace Senior Facility parking lot

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