

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE ALBANY NY
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From: Christopher Gitro
 Meteorologist-in-Charge
 Weather Forecast Office Albany NY

Subject: Relocation and datum update of the Poughkeepsie, NY
 river forecast point on the Hudson River

Effective November 7, 2022 the National Weather Service will move the river forecast point currently located at the Hudson River below Poughkeepsie (POUN6, USGS 01372058) gage to the Hudson River near Poughkeepsie (PKMN6, USGS 01372043) gage. Additionally, the datum of the forecast point will change from the National Geodetic Vertical Datum of 1929 (NGVD 29) to the North American Vertical Datum of 1988 (NAVD 88). As a result, every stage observation will be 0.86 feet lower than it would have been under the old NGVD 29 system.

The change in the vertical gage datum reference will also require a change to the flood stage to ensure consistency in NWS forecast and warning services. The new flood stage will be set at 4.2 feet above NAVD 88 at the new location (PKMN6). The previous flood stage was 5.0 feet above NGVD 29 at the old location (POUN6). All other flood categories will be adjusted as follows:

	Current	Proposed
Action stage	4	3.5
Flood stage	5	4.2
Moderate flood stage	7	6
Major flood stage	9	8

The National Weather Service welcomes public feedback. If you have any questions or comments on this change, please contact:

Britt Westergard
Senior Service Hydrologist

National Weather Service Forecast Office
ETEC - 1400 Washington Avenue
Albany, NY 12222

Phone: 518-626-7545
E-mail: britt.westergard@noaa.gov

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