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SERVICE CHANGE NOTICE  
NATIONAL WEATHER SERVICE CHICAGO/ROMEOVILLE IL  
445PM CST TUE JAN 17 2023

To: Family of Services (FOS) subscribers, NOAA Weather Wire Service (NWWS) subscribers, Emergency Managers Weather Information Network (EMWIN) subscribers, NOAAPort subscribers, National Weather Service (NWS) partners and other users, and NWS employees.

From: W. Scott Lincoln  
Senior Service Hydrologist  
NWS Chicago

Subject: Change to datum for DuPage River at Shorewood, Illinois, gauge

Effective January 31, 2023, the datum, or gauge zero, for the DuPage River at Shorewood, Illinois, (NWS identifier SORI2) will change. This datum change will also affect the flood impact categories assigned to the site.

The datum, or gauge zero, is the elevation in feet NAVD88 corresponding to a stage of 0.0 feet on the river gauge. The US Geological Survey is changing the datum at this site to prevent the possibility of negative stage values due to the removal of Hammel Woods Dam. On the effective date, the datum will change from 564.73 feet NAVD88 to 554.73 feet NAVD88. Starting January 30, 2023, stage values will be equivalent to previously-reported values 10 feet lower.

To account for this change, flood impact categories must also change by 10 feet. Flood impact categories are set for this gauge based upon the river reach extending from approximately IL-59 in Plainfield downstream to the confluence with the Des Plaines River.

Action stage will change from 5.0 feet to 15.0 feet.  
Minor flood stage will change from 5.5 feet to 15.5 feet.  
Moderate flood stage will change from 7.5 feet to 17.5 feet.  
Major flood stage will change from 9.5 feet to 19.5 feet.

River forecasts will continue to be issued when this location has reached, or is expected to reach, action stage.

Forecast and warning information is available from the NOAA/NWS Chicago web page at [weather.gov/chicago](https://weather.gov/chicago) as well as the NOAA/NWS Advanced Hydrologic Prediction Service (AHPS) web page at [water.weather.gov](https://water.weather.gov).

If you have any questions or comments regarding this change, please contact:

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815-834-0600