

Hydrologic Conditions – July 2025

The Hydrologic Conditions Mapper for New York State has been updated for the month of July 2025 and can be accessed at:

<http://ny.water.usgs.gov/projects/eom/>

During July, monthly precipitation totals averaged 3.2 inches, and 1.0 inches below normal quantities across the State. The highest precipitation amount (6.1 inches) and largest positive departure from normal quantities (1.5 inches) were recorded in Dutchess County. The lowest precipitation amount (1.1 inches) and largest negative departure from normal quantities (-2.0 inches) were recorded in Orleans County.

Of the 32 index streamflow sites, 29 recorded normal levels, 2 recorded wet levels, 1 recorded dry levels, and none recorded very dry levels during July.

The New York State Department of Environmental Conservation (NYSDEC) reported that all drought regions in New York State were in normal status at the end of July.

Average lake levels of Lake Ontario during July were about 0.1 feet above long-term monthly average water levels (<https://www.glerl.noaa.gov/data/wlevels/>).

New York City reservoirs were collectively at about 91.5 percent of capacity at the end of the month; about 1.5 percent more than the normal storage capacity of about 90.0 percent (<https://www1.nyc.gov/site/dep/water/reservoir-levels.page>).

To address the discontinuation of the nationwide USGS Groundwater Watch application, the New York Water Science Center has developed a New York Groundwater Watch application that can be accessed at <https://rconnect.usgs.gov/content/99cc8726-7baa-45af-a5bd-bced25ff82db/>. Monthly groundwater data from July indicates that most water levels were normal across New York State except on Long Island where most water levels were either normal or below normal.

Exceedance percentages shown on the Hydrologic Conditions Mapper are calculated for individual USGS sites. This information, along with additional information from other Federal, State, and local agencies, assists the NYSDEC and the State Drought Management Task Force with evaluating regional conditions for determination of drought classifications.

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