

## Hydrologic Conditions – April 2025

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

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

During April, monthly precipitation totals averaged 3.2 inches, and 0.4 inches below normal quantities across the State. The highest precipitation amount (4.2 inches) and largest positive departure from normal quantities (0.7 inches) were recorded in Wyoming County. The lowest precipitation amount (1.9 inches) and largest negative departure from normal quantities (-2.2 inches) were recorded in Nassau County.

Of the 32 index streamflow sites, 14 recorded normal levels, none recorded wet levels, 10 recorded dry levels, and 8 recorded very dry levels during April.

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 April.

Average lake levels of Lake Ontario during April were about 0.3 feet below long-term monthly average water levels (<https://www.glerl.noaa.gov/data/wlevels/>).

New York City reservoirs were collectively at about 97.8 percent of capacity at the end of the month; about 2.2 percent less than the normal storage capacity of about 100.0 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 April indicates that most water levels were either normal or below normal across New York State and that some of the below normal water levels were low (less than the 5<sup>th</sup> percentile). Normal water levels outnumbered below normal water levels across most of the state except in western New York and parts of Long Island where below normal water levels outnumbered normal water levels.

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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