

Connecticut Drought Conditions Report

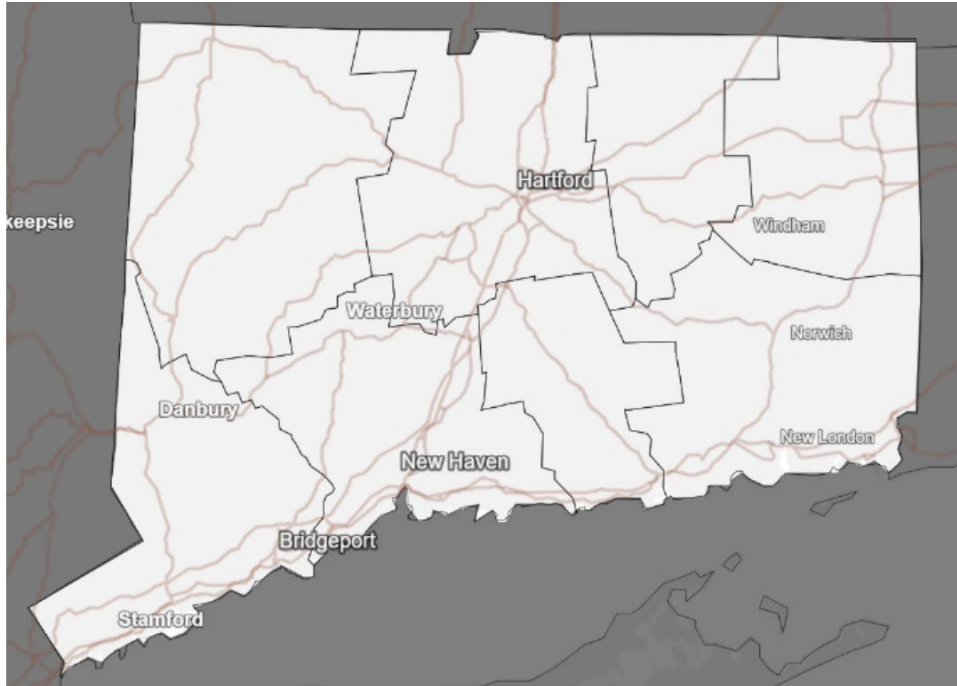
Monthly Update for August 2024



Interagency Drought Workgroup
October 3, 2024
Regular Meeting

U.S. Drought Monitor (USDM): The map included in this report is from the week of August 27th. The entire state of Connecticut had no drought classification via the USDM for the remainder since July 23rd.

U.S. Drought Monitor



Drought & Dryness Categories

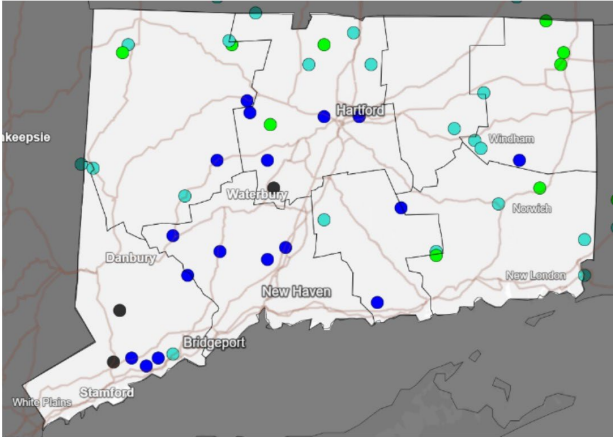
	% of CT
D0 – Abnormally Dry	0.0%
D1 – Moderate Drought	0.0%
D2 – Severe Drought	0.0%
D3 – Extreme Drought	0.0%
D4 – Exceptional Drought	0.0%
Total Area in Drought (D1–D4)	0.0%

Source(s): NDMC, NOAA, USDA
 Data Valid: 08/27/24

Drought.gov

Streamflow Levels: The maps shown below convey the 28-day average streamflow as of August 30th. During this time period, streamflows were largely above and much above normal conditions for this time of year.

28-Day Average Streamflow



Streamflow Conditions



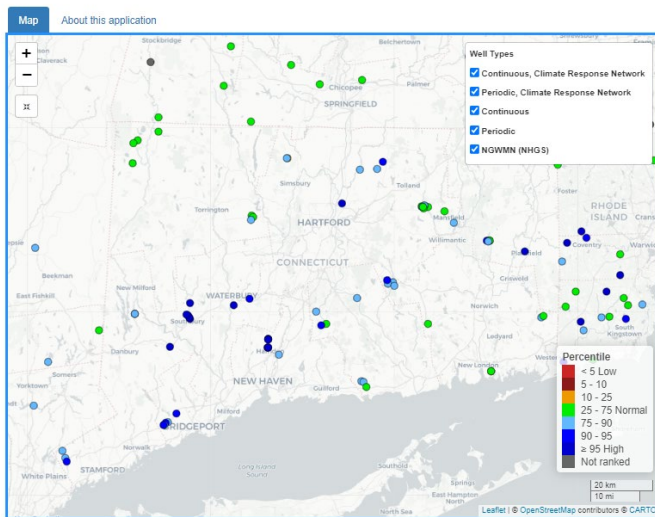
Source(s): U.S. Geological Survey
Data Valid: 08/29/24

Drought.gov

Groundwater Levels: As of August 30th groundwater wells across the state were experiencing normal, above normal and high groundwater levels. Notably, there was a significant improvement in the northwest corner of the state, compared to July groundwater levels.

Groundwater Levels in New England

Recent conditions relative to historical monthly statistics



August Extreme Rainfall: The slide below is from the Northeast Regional Climate Center’s monthly webinar series and shows a map of the extreme rainfall experienced in the southwest portion of the state, on August 18, 2024. Municipalities in this area of the state saw flooding and rainfall of 10+ inches in a series of hours.

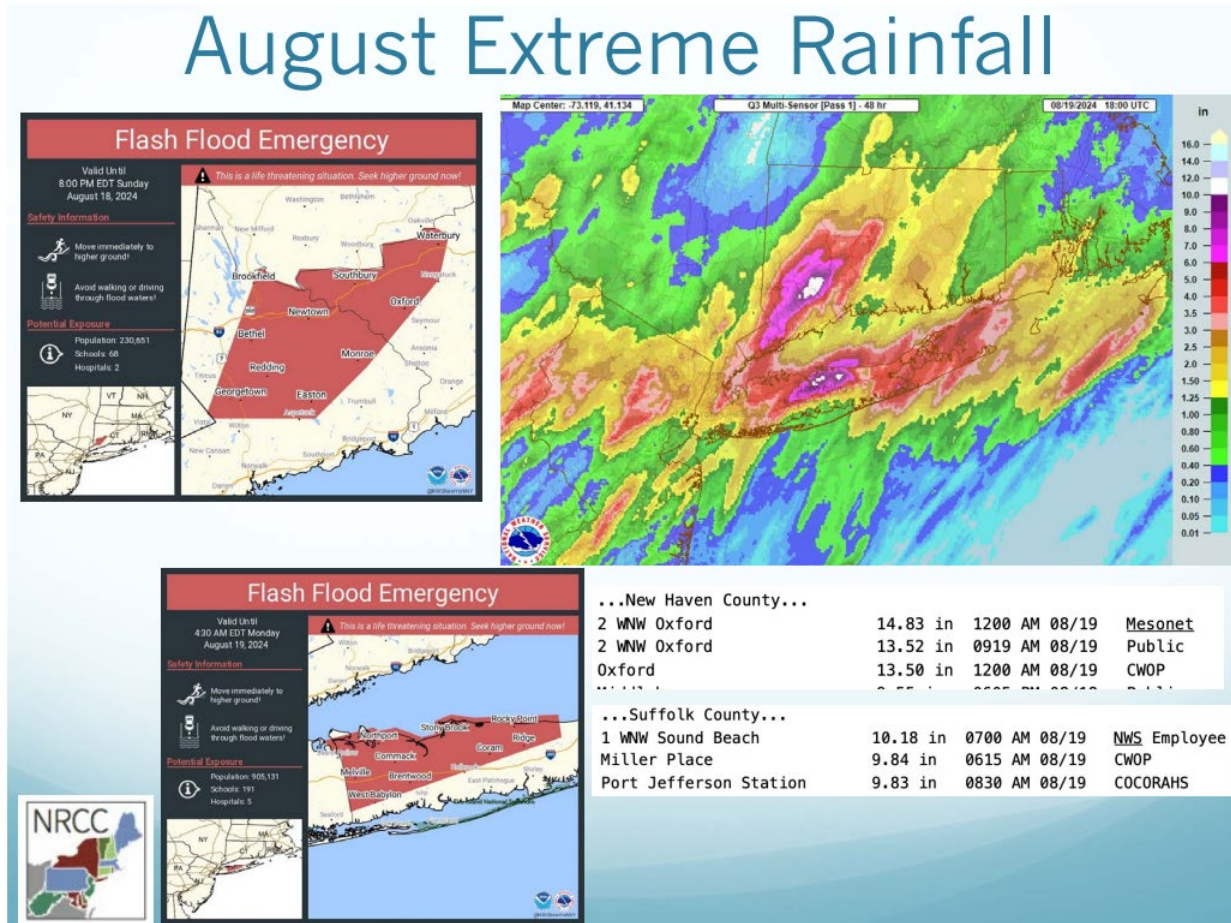


Figure courtesy of the Northeast Regional Climate Center, August 2024

For additional information on weather impacts from [August 2024 see the Northeast Regional Climate Center’s recap slides.](#)