

Surface Reservoir Capacity Measurements and Trends

5/20/2022 Update

USDM adds D0-abnormally dry to CT due to dryness eastern CT!

Thirty-four surface water systems measure their reservoir capacities weekly and report the readings to the Drinking Water Section (DWS). The attached table summarizes the most recent measurements in percent full and shows the week-to-week trend of their capacities.

Key takeaways:

$\geq 100\%$ of Normal $n=34$

31

Change since last week:

+1

State Average

98.5 %

Last week:

98.8%

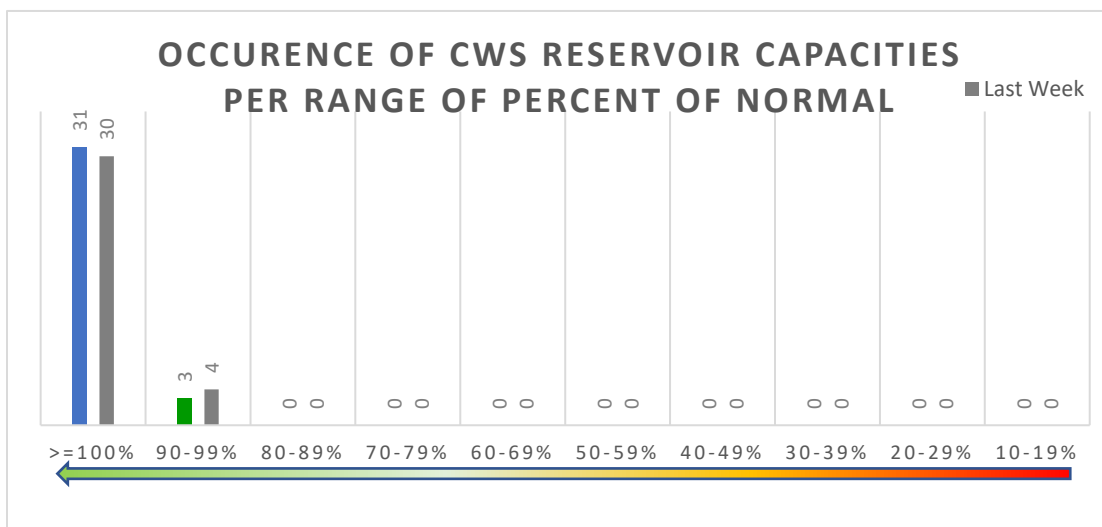
Average Percent of Normal

101.4%

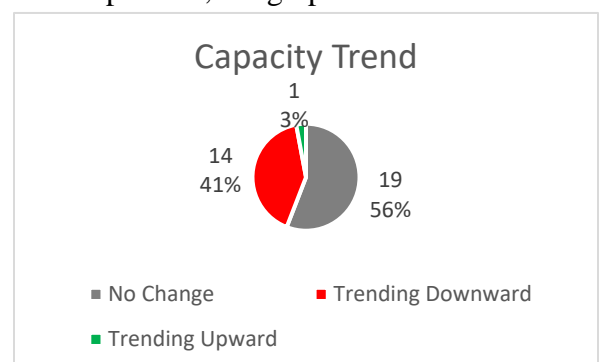
Last week:

101.6%

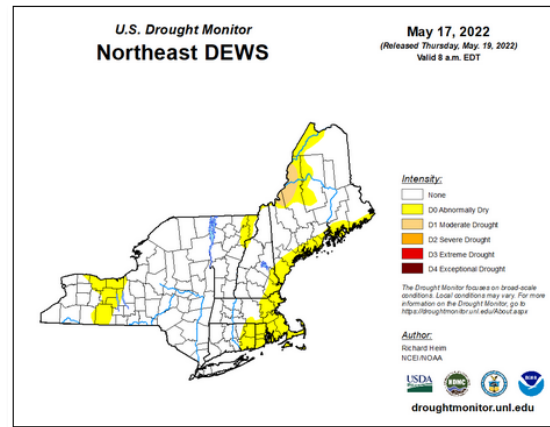
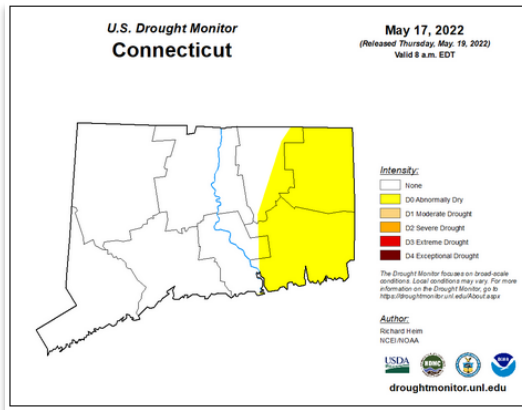
- 18 reservoir systems have reported that they are currently at 100% full (0 change since last week).



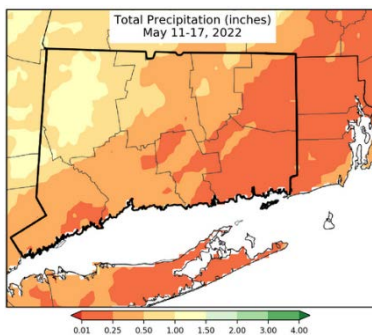
- The gray bars indicate last week's measurements. Under normal capacities, the graph above would have all of the systems in the $\geq 100\%$ of normal column ($n=34$).
- 1 system's short-term week to week trend is upward (-1 since last week).** 14 systems are trending downward in capacity from their previous measurements (+2 from last week). 19 systems have had no change in capacity (-1 since last week).
- No systems under a drought stage!**



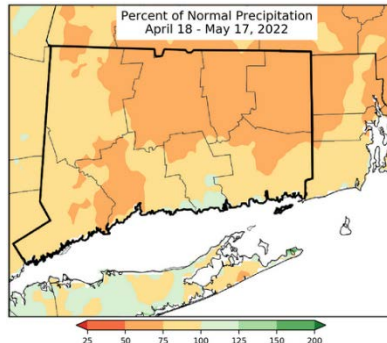
- US Drought Monitor: –D0-abnormally dry has been added to eastern CT since last week.
<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CT>



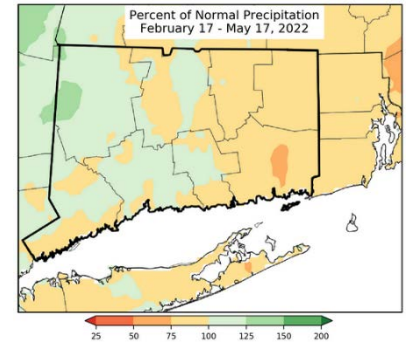
- Between May 11-17 low amounts of rain have fallen in eastern CT. The entire state ranged >.01 to 1.5 inches of precipitation falling (Map 1). The 30-day Percent of Normal Precipitation map shows dry conditions throughout the state (Map 2). For the last 90-days, the state has remained the same with the Percent of Normal between 75 to 150% (Map 3). Eastern CT shows long term deficits. Streamflows and groundwater show below normal conditions throughout the state.



Map 1- 7 Day Total Precipitation



Map 2- 30 Day Percent of Normal Precipitation



Map 3 – 90 Day Percent of Normal Precipitation

