

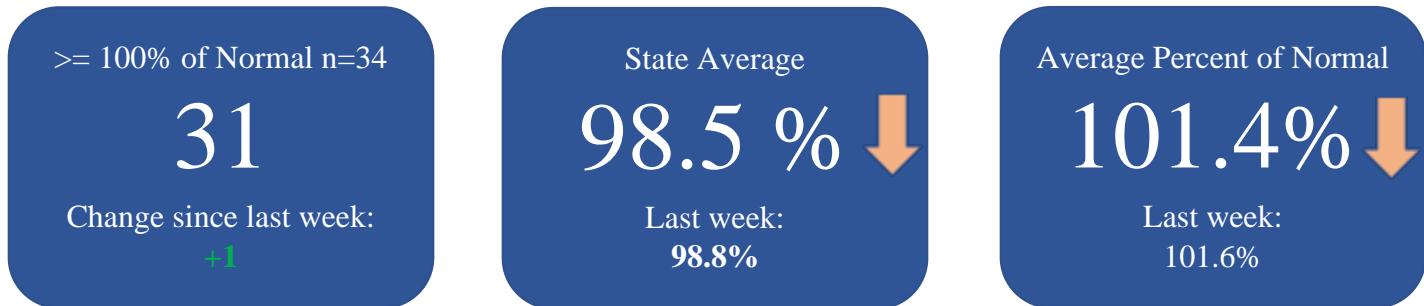
Surface Reservoir Capacity Measurements and Trends

5/20/2022 Update

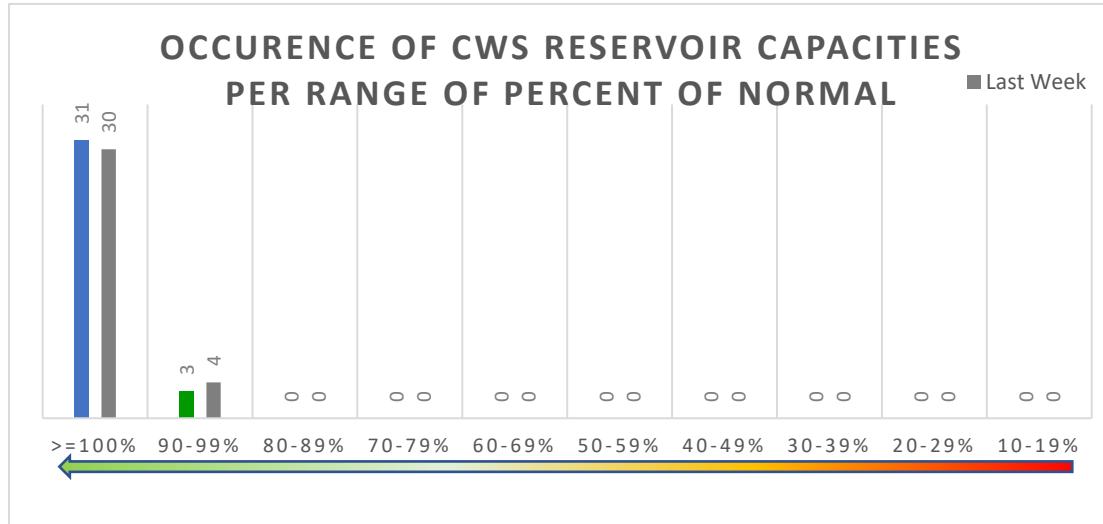
USDM adds D0-abnormally dry to CT due to dryness eastern CT!

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.

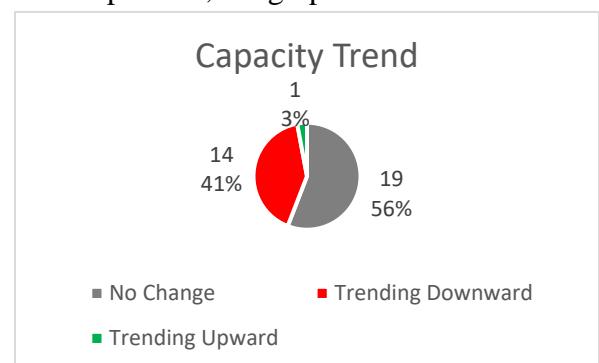
Key takeaways:



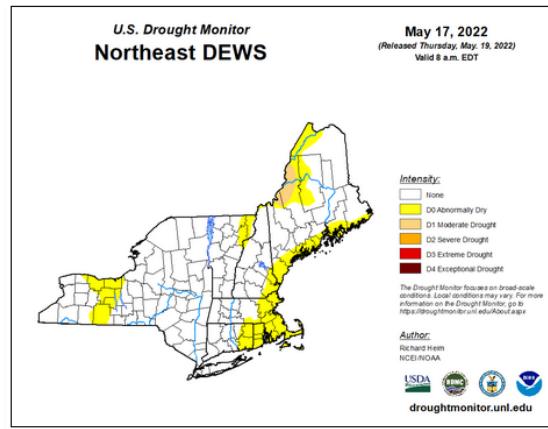
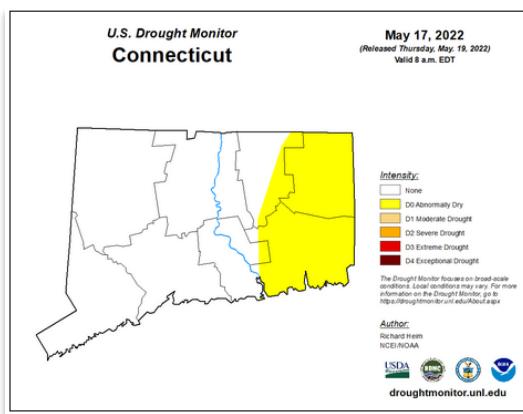
- 18 reservoir systems have reported that they are currently at 100% full (0 change since last week).



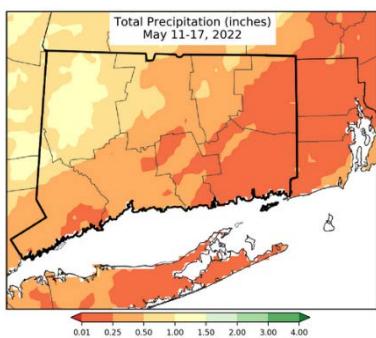
- The gray bars indicate last week's measurements. Under normal capacities, the graph above would have all of the systems in the >=100% of normal column (n=34).
- **1 system's short-term week to week trend is upward (-1 since last week).** 14 systems are trending downward in capacity from their previous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



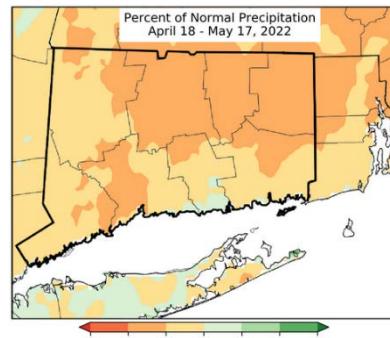
- US Drought Monitor: -D0-abnormally dry has been added to eastern CT since last week.
<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CT>



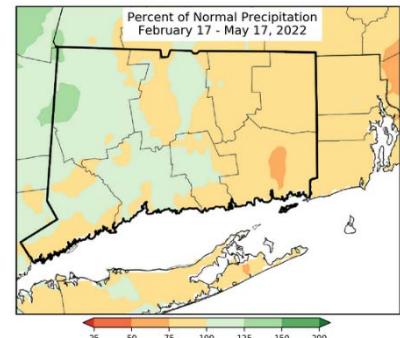
- Between May 11-17 low amounts of rain have fallen in eastern CT. The entire state ranged >.01 to 1.5 inches of precipitation falling (Map 1). The 30-day Percent of Normal Precipitation map shows dry conditions throughout the state (Map 2). For the last 90-days, the state has remained the same with 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.



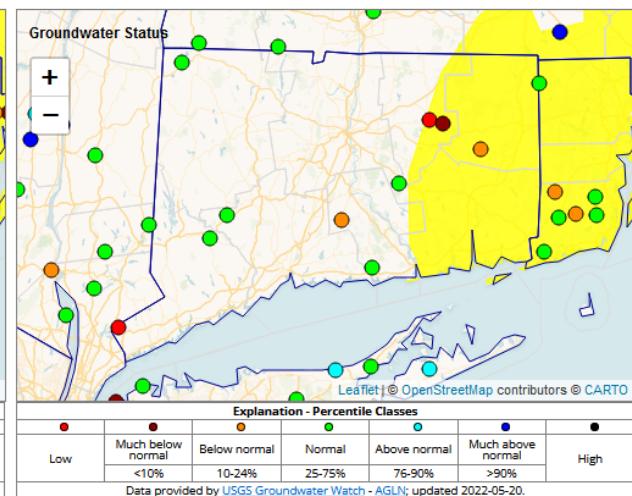
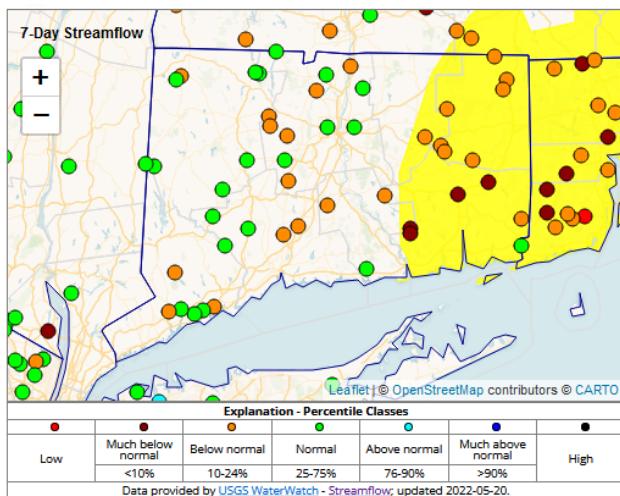
Map 1 - 7 Day Total Precipitation



Map 2 - 30 Day Percent of Normal Precipitation



Map 3 – 90 Day Percent of Normal Precipitation



PWSID	PWS Name	Most Recent Reading Date	Percent Full	Current Status	Trend	Historical Average	Percent of Normal	Previous Date	Previous Percent Full	County_Served
CT1030011	Norwalk First Taxing District	5/15/2022	94.70	No Drought Stage	--	97.40	97	5/8/2022	94.70	FAIRFIELD
CT0090011	Bethel Water Dept	5/15/2022	100.00	No Drought Stage	--	97.90	102	5/8/2022	100.00	FAIRFIELD
CT0570011	Aquarion Water Co of CT-Greenwich Syster	4/24/2022	99.40	No Drought Stage	↓	97.30	102	4/17/2022	99.60	FAIRFIELD
CT0150011	Aquarion Water Co of CT-Main System	4/24/2022	99.90	No Drought Stage	↓	98.20	102	4/17/2022	100.00	FAIRFIELD
CT1030021	South Norwalk Electric & Water	5/16/2022	100.00	No Drought Stage	--	97.40	103	5/9/2022	100.00	FAIRFIELD
CT0340011	Danbury Water Department	5/10/2022	100.00	No Drought Stage	--	96.00	104	5/1/2022	100.00	FAIRFIELD
CT1350011	Aquarion Water Co of CT-Stamford	4/24/2022	99.90	No Drought Stage	↓	94.50	106	4/17/2022	100.00	FAIRFIELD
CT0770021	Manchester Water Department	5/15/2022	100.00	No Drought Stage	--	100.20	100	5/8/2022	100.00	HARTFORD
CT0170011	Bristol Water Department	5/15/2022	98.40	No Drought Stage	↓	97.40	101	5/1/2022	98.80	HARTFORD
CT0473011	CTWC - Northern Reg-Western System	5/12/2022	98.10	No Drought Stage	↓	96.60	102	5/5/2022	100.00	HARTFORD
CT0640011	Metropolitan District Commission	5/16/2022	99.70	No Drought Stage	↓	96.90	103	5/9/2022	99.90	HARTFORD
CT1310011	Southington Water Department	5/14/2022	100.00	No Drought Stage	--	97.20	103	5/7/2022	100.00	HARTFORD
CT0890011	New Britain Water Department	5/12/2022	94.90	No Drought Stage	↓	91.30	104	5/5/2022	96.20	HARTFORD
CT1430011	Torrington Water Company	5/13/2022	87.30	No Drought Stage	--	94.90	92	5/6/2022	87.30	LITCHFIELD
CT1620011	Winsted Water Works	5/15/2022	100.00	No Drought Stage	--	99.90	100	5/8/2022	100.00	LITCHFIELD
CT0980011	Aquarion Water Co of CT-Norfolk System	4/24/2022	100.00	No Drought Stage	--	99.80	100	4/17/2022	100.00	LITCHFIELD
CT1220011	Aquarion Water Co of CT-Salisbury Sys	4/24/2022	100.00	No Drought Stage	--	99.40	101	4/17/2022	100.00	LITCHFIELD
CT1250011	Sharon Water & Sewer Commission	5/7/2022	100.00	No Drought Stage	--	95.10	105	4/30/2022	100.00	LITCHFIELD
CT0261031	CTWC - Shoreline Region-Chester System	5/12/2022	98.70	No Drought Stage	↓	97.40	101	5/5/2022	99.70	MIDDLESEX
CT0830011	Middletown Water Department	5/8/2022	100.00	No Drought Stage	--	97.50	103	5/1/2022	100.00	MIDDLESEX
CT0830021	Connecticut Valley Hospital	5/9/2022	100.00	No Drought Stage	--	95.30	105	5/2/2022	100.00	MIDDLESEX
CT1510011	Waterbury Water Department	5/8/2022	97.30	No Drought Stage	↓	97.90	99	5/5/2022	98.80	NEW HAVEN
CT0608011	CTWC - Shoreline Region-Guilford System	5/12/2022	100.00	No Drought Stage	--	99.60	100	5/5/2022	100.00	NEW HAVEN
CT0800011	Meriden Water Division	5/1/2022	96.30	No Drought Stage	↓	96.20	100	4/24/2022	96.70	NEW HAVEN
CT0880011	CTWC - Naugatuck Region-Central System	5/12/2022	100.00	No Drought Stage	--	98.90	101	5/5/2022	100.00	NEW HAVEN
CT0930011	Regional Water Authority	5/15/2022	97.80	No Drought Stage	↓	95.40	102	5/8/2022	98.20	NEW HAVEN
CT1480011	Wallingford Water Department	5/13/2022	95.60	No Drought Stage	↓	92.50	103	4/29/2022	97.20	NEW HAVEN
CT0580011	Jewett City Water Company	5/9/2022	100.00	No Drought Stage	--	99.80	100	5/2/2022	100.00	NEW LONDON
CT0590011	Groton Utilities	5/9/2022	99.40	No Drought Stage	↓	98.70	101	5/2/2022	99.50	NEW LONDON
CT1040011	Norwich Public Utilities	5/14/2022	100.00	No Drought Stage	--	99.30	101	5/7/2022	100.00	NEW LONDON
CT1370011	Aquarion Water Co of CT-Mystic	4/24/2022	100.00	No Drought Stage	--	99.30	101	4/17/2022	100.00	NEW LONDON
CT0950011	New London Dept. of Public Utilities	5/15/2022	91.40	No Drought Stage	↓	88.70	103	5/8/2022	92.60	NEW LONDON
CT1340011	CTWC - Northern Reg-Stafford System	5/12/2022	100.00	No Drought Stage	↑	99.90	100	5/5/2022	99.20	TOLLAND
CT1630011	Windham Water Works	5/15/2022	100.00	No Drought Stage	--	100.00	100	5/8/2022	100.00	WINDHAM

98.49 97.17 101.36 Ave Percent of Normal by County

↑	-Increase since last measurement (less than 10% increase)	Number of systems:	102.29 FAIRFIELD
↑↑	-Increase since last measurement (10% or greater increase)	Greater than or equal to 100% of Normal	102.17 HARTFORD
↓	-Decrease since last measurement (less than 10% decrease)	Between 90% and 99% of Normal	99.60 LITCHFIELD
↓↓	-Decrease since last measurement (10% or greater decrease)	Less than 90% of Normal	103.00 MIDDLESEX
--	-Same measurement as the previous measurement	At 100% Full	100.83 NEW HAVEN
			101.20 NEW LONDON
			100.00 TOLLAND