

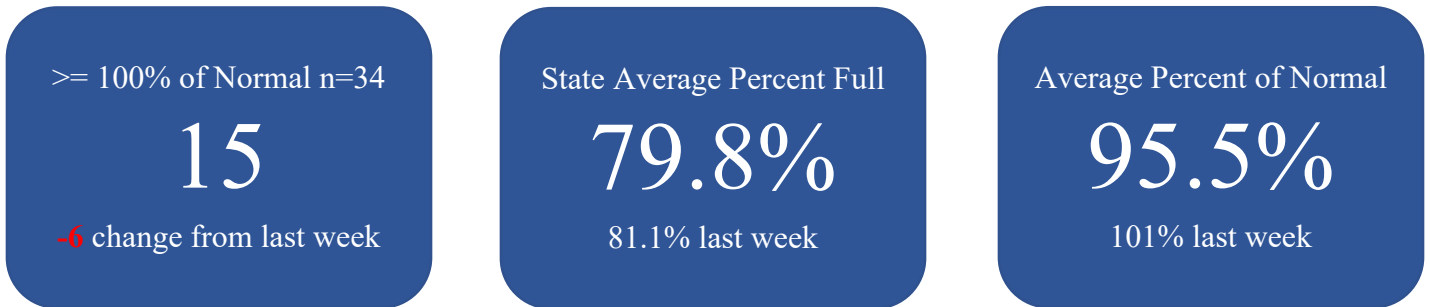
Surface Reservoir Capacity Measurements and Trends

11/12/2024 Update

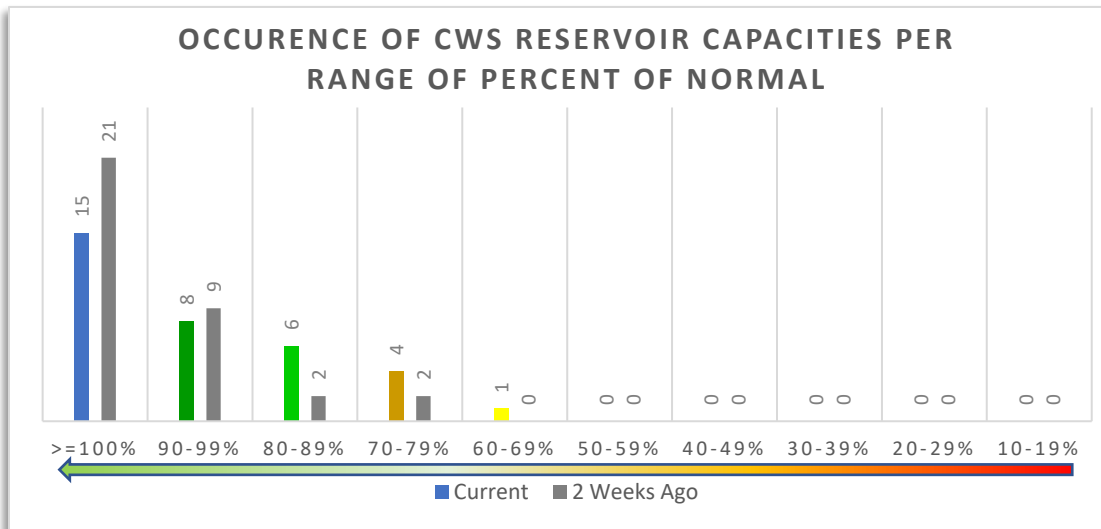
Reservoir Capacities Show Impacts of the Lack of Rain Over the Last 30 Days!

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.

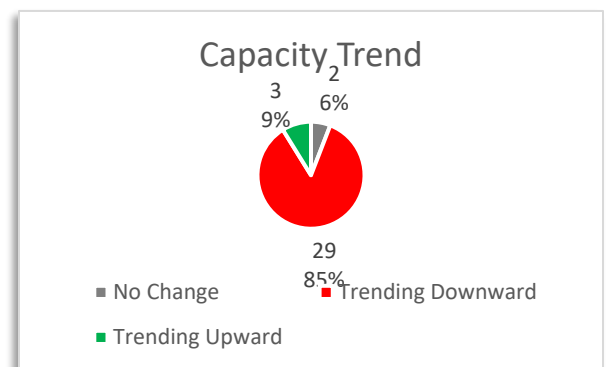
Key takeaways:



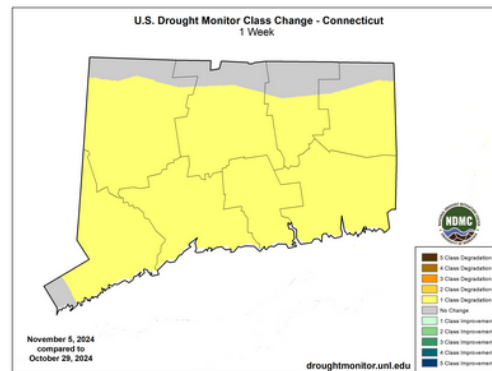
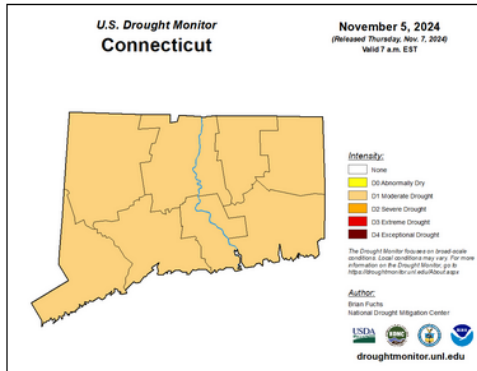
- 3 reservoir systems have reported that they are currently 100% full. (+1 since last week)



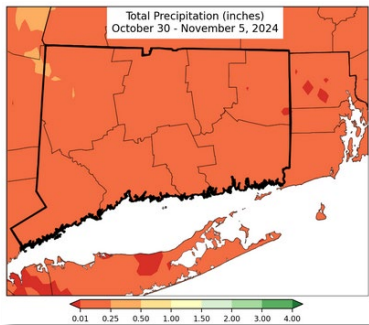
- The gray bars indicate last week’s measurements, and the colored bar is the current measurement. In non-drought conditions, the graph above would have all of the systems in the >=100% of normal column (n=34).
- 3 system’s short-term week to week trend is upward (+2 since last week). 29 system is trending downward in capacity from their previous measurements (-2 since last week). 2 systems have had no change in capacity (no change since last week).



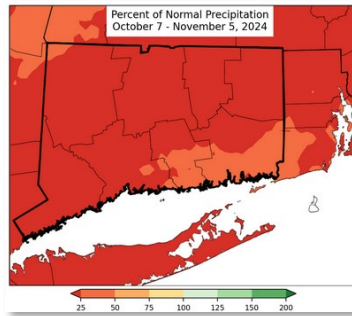
- UCONN Main Campus, Putnam Water, East Lyme, Norwich Water have entered into their 1st drought stage. Norwalk First Taxing and New Britain Water are approaching their 1st drought stage trigger.
- **US Drought Monitor:** – US Drought Monitor has added D1- moderate drought to the entire state of CT.
- <https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CT>



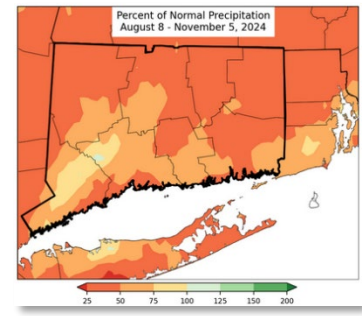
- Last USDM week (between October 30th and November 5th), CT received trace amounts of precipitation across the state (Map 1). The 30-day Percent of Normal Precipitation map shows well below normal precipitation across the state. (Map 2). The long-term trend over the last 90 days shows below normal rainfall for the majority of CT (Map 3). The 7-Day Streamflow map shows the majority of CT’s rivers and streams are below normal to much below normal with some streams recorded as low. Real time monitoring groundwater wells shows normal to much below normal levels.



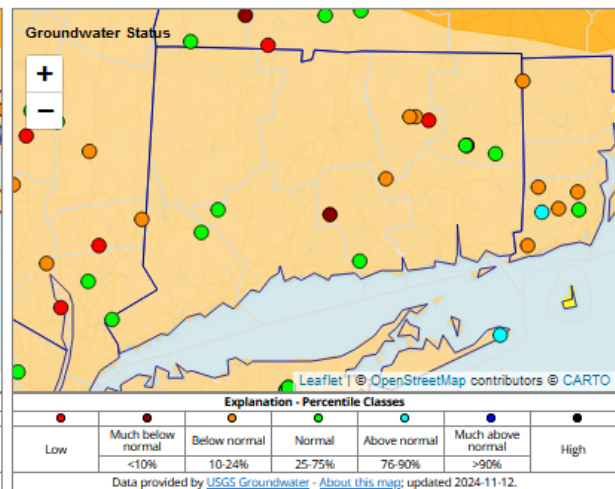
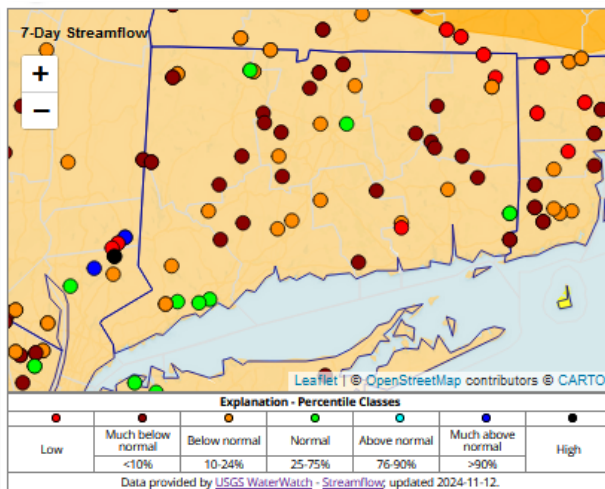
Map 1- 7 Day Total Precipitation



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	11/10/2024	62.80	Approaching Trigger Level	↓	81.70	77	11/3/2024	63.90	FAIRFIELD
CT1030021	South Norwalk Electric & Water	11/4/2024	55.60	No Drought Stage	↓	66.10	84	10/28/2024	58.60	FAIRFIELD
CT0340011	Danbury Water Department	11/3/2024	69.70	No Drought Stage	↓	80.70	86	10/27/2024	70.90	FAIRFIELD
CT0150011	Aquarion Water Co of CT-Main System	10/6/2024	83.60	No Drought Stage	↓	81.60	102	9/29/2024	85.90	FAIRFIELD
CT0090011	Bethel Water Dept	11/3/2024	99.10	No Drought Stage	↓	96.40	103	10/27/2024	99.30	FAIRFIELD
CT1350011	Aquarion Water Co of CT-Stamford	10/6/2024	73.20	No Drought Stage	↓	67.30	109	9/29/2024	74.60	FAIRFIELD
CT0570011	Aquarion Water Co of CT-Greenwich System	10/6/2024	72.20	No Drought Stage	↓	65.90	110	9/29/2024	72.40	FAIRFIELD
CT0473011	CTWC - Northern Reg-Western System	11/7/2024	60.70	No Drought Stage	↓	81.80	74	10/31/2024	62.10	HARTFORD
CT0770021	Manchester Water Department	11/3/2024	78.00	No Drought Stage	↓	91.10	86	10/27/2024	79.70	HARTFORD
CT0170011	Bristol Water Department	11/3/2024	74.70	No Drought Stage	↓	84.60	88	10/27/2024	77.40	HARTFORD
CT0890011	New Britain Water Department	11/7/2024	66.40	Approaching Trigger Level	↓	65.30	102	10/31/2024	68.00	HARTFORD
CT0640011	Metropolitan District Commission	11/11/2024	88.90	No Drought Stage	↓	85.10	104	11/4/2024	89.40	HARTFORD
CT1310011	Southington Water Department	11/2/2024	100.00	No Drought Stage	↑↑	70.00	143	10/26/2024	89.40	HARTFORD
CT1220011	Aquarion Water Co of CT-Salisbury Sys	10/6/2024	71.90	No Drought Stage	↓	91.10	79	9/29/2024	75.40	LITCHFIELD
CT1620011	Winsted Water Works	11/10/2024	91.60	No Drought Stage	↓	97.20	94	10/20/2024	93.40	LITCHFIELD
CT0980011	Aquarion Water Co of CT-Norfolk System	10/6/2024	94.90	No Drought Stage	↓	98.00	97	9/29/2024	96.30	LITCHFIELD
CT1250011	Sharon Water & Sewer Commission	10/5/2024	100.00	No Drought Stage	--	97.10	103	9/28/2024	100.00	LITCHFIELD
CT1430011	Torrington Water Company	10/6/2024	89.90	No Drought Stage	↓	73.40	122	9/29/2024	92.40	LITCHFIELD
CT0830011	Middletown Water Department	10/27/2024	55.80	No Drought Stage	↓	73.30	76	10/20/2024	60.40	MIDDLESEX
CT0261031	CTWC - Shoreline Region-Chester System	11/7/2024	86.00	No Drought Stage	↓	94.50	91	10/31/2024	88.90	MIDDLESEX
CT0830021	Connecticut Valley Hospital	11/4/2024	92.60	No Drought Stage	↓	95.60	97	10/21/2024	93.30	MIDDLESEX
CT1510011	Waterbury Water Department	11/3/2024	72.60	No Drought Stage	↓	89.10	81	10/27/2024	75.60	NEW HAVEN
CT0608011	CTWC - Shoreline Region-Guilford System	11/7/2024	71.90	No Drought Stage	↑	81.80	88	10/31/2024	71.60	NEW HAVEN
CT0880011	CTWC - Naugatuck Region-Central System	11/7/2024	82.80	No Drought Stage	↓	88.50	94	10/31/2024	86.30	NEW HAVEN
CT0930011	Regional Water Authority	11/3/2024	72.10	No Drought Stage	↓	73.90	98	10/27/2024	73.40	NEW HAVEN
CT1480011	Wallingford Water Department	11/1/2024	80.10	No Drought Stage	↓	79.50	101	10/25/2024	81.30	NEW HAVEN
CT0800011	Meriden Water Division	7/7/2024	96.00	No Drought Stage	↓	87.30	110	6/30/2024	96.20	NEW HAVEN
CT0580011	Jewett City Water Company	11/4/2024	53.10	No Drought Stage	↓	84.00	63	10/28/2024	55.60	NEW LONDON
CT1040011	Norwich Public Utilities	11/9/2024	79.00	Water Supply Advisory	↓	84.80	93	11/2/2024	79.50	NEW LONDON
CT0590011	Groton Utilities	11/4/2024	84.80	No Drought Stage	↓	84.20	101	10/28/2024	86.30	NEW LONDON
CT0950011	New London Dept. of Public Utilities	11/10/2024	62.40	No Drought Stage	↓	60.60	103	11/3/2024	64.40	NEW LONDON
CT1370011	Aquarion Water Co of CT-Mystic	10/6/2024	99.30	No Drought Stage	↑	89.00	112	9/29/2024	99.20	NEW LONDON
CT1340011	CTWC - Northern Reg-Stafford System	11/7/2024	91.00	No Drought Stage	↓	99.00	92	10/31/2024	95.90	TOLLAND
CT1630011	Windham Water Works	11/10/2024	100.00	No Drought Stage	--	100.00	100	11/3/2024	100.00	WINDHAM

79.79

83.51

95.53

Ave Percent of Normal by County

↑	-Increase since last measurement (less than 10% increase)
↑↑	-Increase since last measurement (10% or greater increase)
↓	-Decrease since last measurement (less than 10% decrease)
↓↓	-Decrease since last measurement (10% or greater decrease)
--	- Same measurement as the previous measurement

Number of systems:	
Greater than or equal to 100% of Normal	15
Between 90% and 99% of Normal	8
Less than 90% of Normal	11
At 100% Full	3

95.86	FAIRFIELD
99.50	HARTFORD
99.00	LITCHFIELD
88.00	MIDDLESEX
95.33	NEW HAVEN
94.40	NEW LONDON
92.00	TOLLAND