Surface Reservoir Capacity Measurements and Trends 10/25/2024 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.

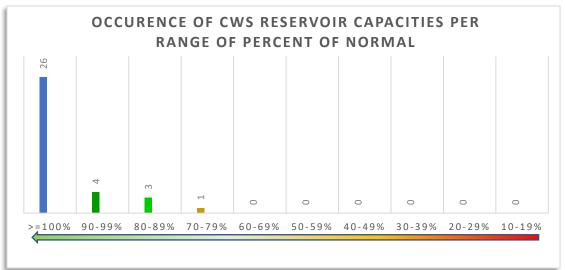
Key takeaways:

>= 100% of Normal n=34 26

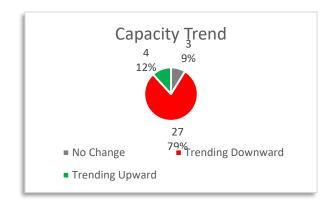
State Average Percent Full $84^0\!\!/_{\!0}$

Average Percent of Normal 103.6%

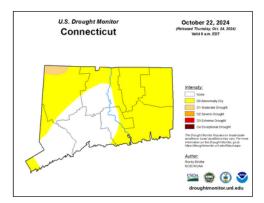
• 2 reservoir systems have reported that they are currently at 100% full.

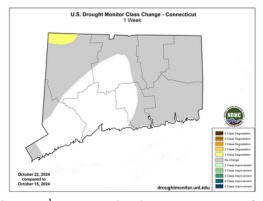


- The gray bars indicate last week's measurements, and the colored bar is the current measurement. In non-drought conditions, the graph above would have all of the systems in the >=100% of normal column (n=34).
- 4 system's short-term week to week trend is upward. 27 system is trending downward in capacity from their previous measurements. 3 systems have had no change in capacity.
- UCONN Main Campus, Putnam Water, and East Lyme have entered into their 1st drought stage and/or requesting conservation.

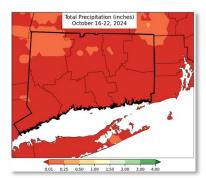


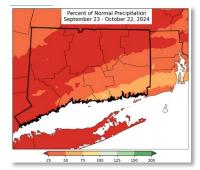
- US Drought Monitor: US Drought Monitor has added an area of D1 on the northwest border with MA and NY. More than half of CT is in D0 abnormally dry.
- https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CT

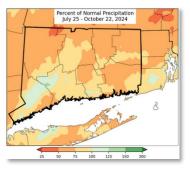




• Last USDM week (between October 16th and October 22nd), CT received trace amounts of precipitation (Map 1) with the Eastern part of the state receiving the highest amounts of precipitation. The 30-day Percent of Normal Precipitation map shows well below normal precipitation across the state. (Map 2). 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. Real time monitoring groundwater wells shows normal to below normal levels.

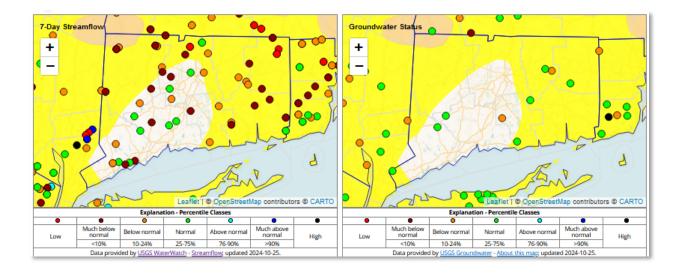






Map 1-7 Day Total Precipitation

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
CT0340011	Danbury Water Department	10/20/2024	72.70	No Drought Stage	V	77.90	93	10/13/2024	75.40	FAIRFIELD
CT1030011	Norwalk First Taxing District	10/20/2024	69.80	No Drought Stage	<u> </u>	71.20	98	10/13/2024	73.30	FAIRFIELD
CT1030021	South Norwalk Electric & Water	10/21/2024	61.60	No Drought Stage	<u> </u>	61.20	101	10/15/2024	64.40	FAIRFIELD
CT0570011	Aquarion Water Co of CT-Greenwich Syster	9/29/2024	72.40	No Drought Stage	<u> </u>	70.30	103	9/22/2024	76.30	FAIRFIELD
CT0150011	Aquarion Water Co of CT-Main System	9/29/2024	85.90	No Drought Stage	<u> </u>	82.20	104	9/22/2024	88.50	FAIRFIELD
CT0090011	Bethel Water Dept	10/20/2024	99.40	No Drought Stage	<u> </u>	94.20	106	10/13/2024	99.70	FAIRFIELD
CT1350011	Aquarion Water Co of CT-Stamford	9/29/2024	74.60	No Drought Stage	<u> </u>	70.70	106	9/22/2024	80.40	FAIRFIELD
CT0473011	CTWC - Northern Reg-Western System	10/10/2024	69.60	No Drought Stage	<u></u>	78.40	89	10/3/2024	71.00	HARTFORD
CT0770021	Manchester Water Department	10/6/2024	85.80	No Drought Stage	<u> </u>	84.10	102	9/29/2024	88.50	HARTFORD
CT0170011	Bristol Water Department	10/6/2024	85.50	No Drought Stage	<u> </u>	80.80	106	9/29/2024	88.00	HARTFORD
CT0640011	Metropolitan District Commission	10/21/2024	91.20	No Drought Stage	<u> </u>	85.10	107	10/14/2024	91.70	HARTFORD
CT0890011	New Britain Water Department	10/17/2024	71.60	No Drought Stage	Ψ	64.10	112	10/10/2024	73.90	HARTFORD
CT1310011	Southington Water Department	10/18/2024	90.50	No Drought Stage	<u> </u>	64.60	140	10/5/2024	100.00	HARTFORD
CT1220011	Aquarion Water Co of CT-Salisbury Sys	9/29/2024	75.40	No Drought Stage	Ψ	87.70	86	9/22/2024	78.80	LITCHFIELD
CT1620011	Winsted Water Works	10/20/2024	93.40	No Drought Stage	<u> </u>	95.70	98	10/13/2024	96.70	LITCHFIELD
CT0980011	Aquarion Water Co of CT-Norfolk System	9/29/2024	96.30	No Drought Stage		97.40	99	9/22/2024	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	9/29/2024	92.40	No Drought Stage	<u> </u>	74.50	124	9/22/2024	93.80	LITCHFIELD
CT0830011	Middletown Water Department	10/20/2024	60.40	No Drought Stage	<u> </u>	73.30	82	10/13/2024	62.80	MIDDLESEX
CT0830021	Connecticut Valley Hospital	10/14/2024	94.40	No Drought Stage	<u> </u>	93.10	101	10/7/2024	95.20	MIDDLESEX
CT0261031	CTWC - Shoreline Region-Chester System	10/10/2024	96.30	No Drought Stage	1	89.00	108	10/3/2024	94.20	MIDDLESEX
CT0930011	Regional Water Authority	10/20/2024	74.80	No Drought Stage	<u> </u>	72.30	103	10/13/2024	76.20	NEW HAVEN
CT1510011	Waterbury Water Department	9/22/2024	87.40	No Drought Stage	<u> </u>	84.80	103	9/15/2024	89.70	NEW HAVEN
CT1480011	Wallingford Water Department	10/18/2024	82.00	No Drought Stage	<u> </u>	76.90	107	10/11/2024	83.20	NEW HAVEN
CT0880011	CTWC - Naugatuck Region-Central System	10/10/2024	93.20	No Drought Stage	<u> </u>	85.40	109	10/3/2024	93.40	NEW HAVEN
CT0800011	Meriden Water Division	7/7/2024	96.00	No Drought Stage	<u> </u>	87.30	110	6/30/2024	96.20	NEW HAVEN
CT0608011	CTWC - Shoreline Region-Guilford System	10/10/2024	83.60	No Drought Stage	1	75.00	111	10/3/2024	83.50	NEW HAVEN
CT0580011	Jewett City Water Company	10/14/2024	60.70	No Drought Stage	<u> </u>	80.00	76	9/30/2024	66.90	NEW LONDON
CT1040011	Norwich Public Utilities	10/19/2024	83.00	No Drought Stage	<u> </u>	80.00	104	10/12/2024	85.60	NEW LONDON
CT0590011	Groton Utilities	10/14/2024	89.30	No Drought Stage	1	82.80	108	10/7/2024	89.00	NEW LONDON
CT0950011	New London Dept. of Public Utilities	10/21/2024	67.80	No Drought Stage	\	58.20	117	10/13/2024	70.30	NEW LONDON
CT1370011	Aquarion Water Co of CT-Mystic	9/29/2024	99.20	No Drought Stage	1	82.20	121	9/22/2024	92.70	NEW LONDON
CT1340011	CTWC - Northern Reg-Stafford System	10/10/2024	98.40	No Drought Stage	<u> </u>	97.50	101	10/3/2024	100.00	TOLLAND
CT1630011	Windham Water Works	10/20/2024	100.00	No Drought Stage		100.00	100	10/13/2024	100.00	WINDHAM
			83.96			81.03	103.62		Ave Percent of Normal by	County
1	-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 1 Between 90% and 99% of Less than 90% of Normal At 100% Full		rmal	26 4 4			101.57 FAIRFIELD 109.33 HARTFORD 102.00 LITCHFIELD 97.00 MIDDLESEX 107.17 NEW HAVEN

At 100% Full

-- - Same measurement as the previous measurement

107.17 NEW HAVEN

105.20 NEW LONDON

101.00 TOLLAND