

Surface Reservoir Capacity Measurements and Trends

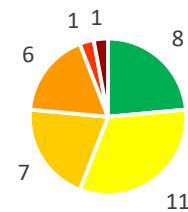
9/10/2020 Update

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.

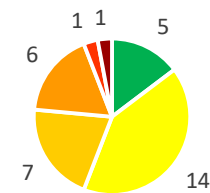
Key takeaways:

- All systems have reported readings from the past week or so.
- 8 out of 34 reservoir systems are at or above their normal percent full for this time of year. An Increase of 3 systems from last week due to the change from August to September. The overall state average is **73.6% full** (last week – 75% full) and the **state average percent of normal is 89.5 %** (last week – 89% of Normal).
- 11 systems are reporting below normal condition between 90 and 99% of Normal indicated by the red numbers in the table (3 systems moved to normal percent of normal due to change in the month). **15 systems are below 90% (No change from last week)**. Of the 15 systems below 90%, 7 systems are between 80 and 89% of Normal, 6 systems are between 70 and 79% of Normal, 2 systems are below 70% of Normal.

Number of Surface Water Systems Percent of Normal

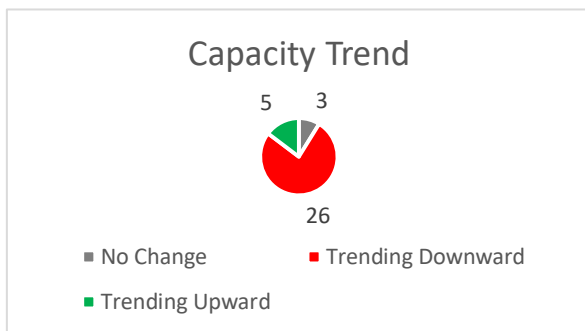


Last weeks Number of Surface Water Systems Percent of Normal



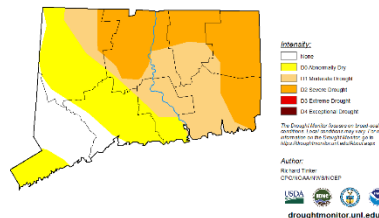
■ >=100% ■ 90-99% ■ 80-89% ■ 70-79% ■ 60-69% ■ 40-49%

- 2 systems have reported that they are currently at 100% full. No change from last week.
- 26 systems are trending downward in capacity from their previous measurements. 5 are indicating slight improvement from last week. 3 systems with no change in capacity.



U.S. Drought Monitor Connecticut

September 8, 2020 (Revised Thursday, Sep. 10, 2020) 11:00 a.m. EDT



- Changes in drought status for PWS since last week:
 - New Britain Water Dept has entered their 1st drought stage Water Supply Alert and is requesting voluntary water conservation.
 - Norwich Public Utilities has stated that they are Approaching their 1st drought trigger.
 - The Mayor of Norwalk has declared a water supply emergency and has enacted their water restrictions city ordinance.
- US Drought Monitor: No changes from last week
<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CT>

PWSID	PWS Name	Most Recent Reading Date	Percent Full
CT1310011	Southington Water Department	9/5/2020	28.36
CT1220011	Aquarion Water Co of CT-Salisbury Sys	8/30/2020	56.02
CT0570011	Aquarion Water Co of CT-Greenwich System	8/30/2020	54.92
CT1510011	Waterbury Water Department	8/30/2020	66.87
CT1030011	Norwalk First Taxing District	9/6/2020	55.78
CT0800011	Meriden Water Division	8/31/2020	65.55
CT0170011	Bristol Water Department	8/30/2020	66.06
CT0830011	Middletown Water Department	9/7/2020	59.15
CT0580011	Jewett City Water Company	8/31/2020	69.42
CT0770021	Manchester Water Department	9/6/2020	68.96
CT1030021	South Norwalk Electric & Water	9/8/2020	53.56
CT0608011	CTWC - Shoreline Region-Guilford System	9/3/2020	63.47
CT0261031	CTWC - Shoreline Region-Chester System	9/3/2020	74.64
CT0950011	New London Dept. of Public Utilities	8/30/2020	59.92
CT0150011	Aquarion Water Co of CT-Main System	8/30/2020	75.76
CT1620011	Winsted Water Works	8/30/2020	86.07
CT1370011	Aquarion Water Co of CT-Mystic	8/30/2020	75.10
CT0980011	Aquarion Water Co of CT-Norfolk System	8/30/2020	91.95
CT1340011	CTWC - Northern Reg-Stafford System	9/3/2020	89.63
CT0590011	Groton Utilities	8/31/2020	80.26
CT0880011	CTWC - Naugatuck Region-Central System	9/3/2020	79.58
CT0340011	Danbury Water Department	8/30/2020	77.85
CT0830021	Connecticut Valley Hospital	8/31/2020	87.72
CT1350011	Aquarion Water Co of CT-Stamford	8/30/2020	74.60
CT0890011	New Britain Water Department	9/3/2020	64.34
CT0930011	Regional Water Authority	9/6/2020	73.39
CT1630011	Windham Water Works	9/6/2020	100.00
CT0473011	CTWC - Northern Reg-Western System	9/3/2020	78.47
CT0640011	Metropolitan District Commission	9/7/2020	86.84
CT1040011	Norwich Public Utilities	9/5/2020	81.81
CT1480011	Wallingford Water Department	9/4/2020	78.74
CT0090011	Bethel Water Dept	8/30/2020	99.45
CT1250011	Sharon Water & Sewer Commission	8/29/2020	100.00

CT1430011	Torrington Water Company	9/4/2020	77.74
			73.59

↑	-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

Current Status	Trend	Historical Average	Percent of Normal	Previous Date	Previous Percent Full
No Drought Stage	↓	63.64	45	8/29/2020	31.60
No Drought Stage	↑	89.56	63	8/23/2020	55.94
Drought Watch	↓	78.22	70	8/23/2020	58.84
No Drought Stage	↓	87.31	77	8/23/2020	68.53
Drought Watch	↓	71.60	78	8/30/2020	58.49
No Drought Stage	↓	84.07	78	8/24/2020	67.93
Drought Advisory	↓	84.52	78	8/23/2020	68.13
Approaching Trigger Level	↓	75.41	78	8/30/2020	61.63
No Drought Stage	↓	85.12	82	8/24/2020	71.46
Drought Advisory	↓	82.23	84	9/1/2020	71.59
Approaching Trigger Level	↓	63.51	84	8/31/2020	57.04
No Drought Stage	↑	73.74	86	8/27/2020	63.37
No Drought Stage	↓	86.19	87	8/27/2020	76.42
No Drought Stage	↓	68.57	87	8/23/2020	61.99
No Drought Stage	↓	86.51	88	8/23/2020	77.50
No Drought Stage	--	95.45	90	8/23/2020	86.07
No Drought Stage	↑	81.83	92	8/23/2020	72.68
No Drought Stage	↓	98.23	94	8/23/2020	92.32
No Drought Stage	↓	95.37	94	8/27/2020	92.65
No Drought Stage	↓	85.58	94	8/24/2020	82.51
No Drought Stage	↓	83.74	95	8/27/2020	79.64
No Drought Stage	↓	82.27	95	8/23/2020	81.80
No Drought Stage	↓	91.37	96	8/24/2020	87.94
No Drought Stage	↑	76.93	97	8/23/2020	74.56
Water Supply Alert	↓	65.83	98	8/27/2020	65.51
No Drought Stage	↓	74.15	99	8/30/2020	75.10
No Drought Stage	--	100.00	100	8/30/2020	100.00
No Drought Stage	↓	78.28	100	8/27/2020	78.94
No Drought Stage	↓	85.82	101	8/31/2020	87.59
Approaching Trigger Level	↓	79.97	102	8/29/2020	85.80
No Drought Stage	↓	76.67	103	8/28/2020	79.42
No Drought Stage	↑	94.28	105	8/23/2020	99.13
No Drought Stage	--	95.50	105	8/22/2020	100.00

No Drought Stage	↓	73.67	106	8/28/2020	79.05
		82.21	89.51		

Number of systems:

Greater than or equal to 100% of Normal	8
Between 90% and 99% of Normal	11
Less than 90% of Normal	15
At 100% Full	2