

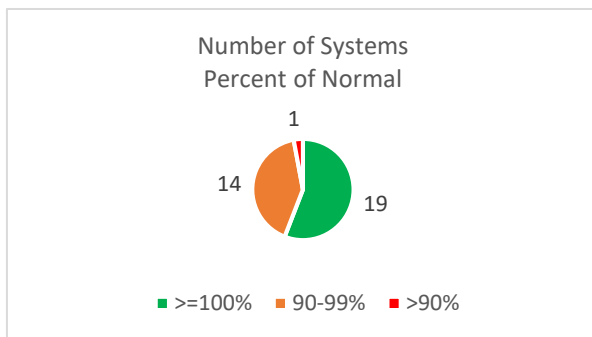
# Surface Reservoir Capacity Measurements and Trends

7-22-2020 Update

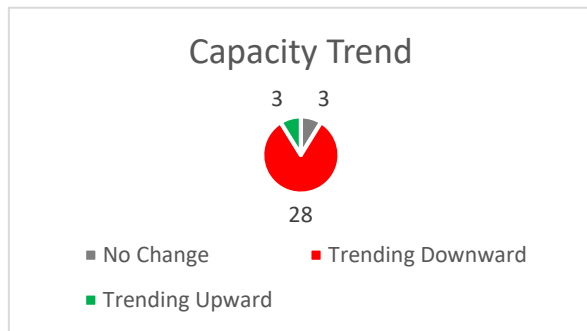
Thirty-four surface water systems measure their reservoir capacities weekly and report the readings to the Drinking Water Section (DWS). In circular letter 54, the DWS has required that the reports be submitted on a weekly basis when the conditions became dry. The attached table summarizes the most recent 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.
- 19 out of 34 reservoir systems are at or above their normal percent full for this time of year. Decrease of 4 system from 2 weeks ago. The overall state average is **89.18% full** (2 weeks ago – 91.97% full) and the **state average percent of normal is 99.53 %** (2 weeks ago – 100.53% of Normal).
- 14 systems are reporting below normal condition between 90 and 99% of normal indicated by the red numbers in the table (Increase in 4 systems from 2 weeks ago). 1 system is below 90%.



- 3 systems have reported that they are currently at 100% full. No change from 2 weeks ago.
- 28 systems are trending downward in capacity from their previous measurements (22 2 weeks ago). 3 systems are trending upward. 3 systems with no change in capacity.



| PWSID     | PWS Name                                 | Most Recent Reading Date | Percent Full | Current Status            | Trend | Historical Average | Percent of Normal | Previous Date | Previous Percent Full |
|-----------|--|--------------------------|--------------|---------------------------|-------|--------------------|-------------------|---------------|-----------------------|
| CT1310011 | Southington Water Department             | 7/18/2020                | 72.17        | Voluntary Conservation    | ↓     | 81.43              | 89                | 7/11/2020     | 76.01                 |
| CT1220011 | Aquarion Water Co of CT-Salisbury Sys    | 7/12/2020                | 84.43        | No Restrictions           | ↓     | 94.16              | 90                | 7/5/2020      | 90.06                 |
| CT0830011 | Middletown Water Department              | 7/19/2020                | 82.06        | No Restrictions           | ↓     | 90.49              | 91                | 7/12/2020     | 82.27                 |
| CT0570011 | Aquarion Water Co of CT-Greenwich System | 7/12/2020                | 79.99        | Drought Watch             | ↓     | 87.55              | 91                | 7/5/2020      | 81.27                 |
| CT1510011 | Waterbury Water Department               | 7/12/2020                | 84.19        | No Restrictions           | ↓     | 91.45              | 92                | 7/5/2020      | 87.06                 |
| CT1030011 | Norwalk First Taxing District            | 7/19/2020                | 79.78        | Drought Alert             | ↓     | 84.60              | 94                | 7/12/2020     | 82.27                 |
| CT0170011 | Bristol Water Department                 | 7/19/2020                | 86.50        | No Restrictions           | ↓     | 90.99              | 95                | 7/5/2020      | 91.35                 |
| CT0950011 | New London Dept. of Public Utilities     | 7/19/2020                | 73.78        | No Restrictions           | ↓     | 77.35              | 95                | 7/12/2020     | 76.96                 |
| CT0800011 | Meriden Water Division                   | 7/13/2020                | 83.72        | No Restrictions           | ↓     | 87.44              | 96                | 7/6/2020      | 85.55                 |
| CT0580011 | Jewett City Water Company                | 7/13/2020                | 88.11        | No Restrictions           | ↓     | 91.14              | 97                | 7/6/2020      | 91.28                 |
| CT1030021 | South Norwalk Electric & Water           | 7/20/2020                | 79.51        | Approaching Trigger Level | ↓     | 81.95              | 97                | 7/13/2020     | 83.23                 |
| CT1620011 | Winsted Water Works                      | 7/19/2020                | 95.08        | No Restrictions           | ↓     | 98.39              | 97                | 7/12/2020     | 96.07                 |
| CT0890011 | New Britain Water Department             | 7/20/2020                | 78.62        | No Restrictions           | ↓     | 80.60              | 98                | 7/16/2020     | 80.22                 |
| CT0150011 | Aquarion Water Co of CT-Main System      | 7/12/2020                | 90.89        | No Restrictions           | ↓     | 91.52              | 99                | 7/5/2020      | 91.55                 |
| CT0770021 | Manchester Water Department              | 7/19/2020                | 90.81        | No Restrictions           | ↓     | 92.18              | 99                | 7/12/2020     | 94.97                 |
| CT0930011 | Regional Water Authority                 | 7/19/2020                | 86.09        | No Restrictions           | ↓     | 85.80              | 100               | 7/12/2020     | 87.99                 |
| CT0980011 | Aquarion Water Co of CT-Norfolk System   | 7/12/2020                | 98.80        | No Restrictions           | ↓     | 98.66              | 100               | 7/5/2020      | 98.93                 |
| CT1630011 | Windham Water Works                      | 7/12/2020                | 100.00       | No Restrictions           | --    | 100.00             | 100               | 7/5/2020      | 100.00                |
| CT1350011 | Aquarion Water Co of CT-Stamford         | 7/12/2020                | 85.76        | Mandatory 20% reduction   | ↓     | 85.12              | 101               | 7/5/2020      | 89.85                 |
| CT0640011 | Metropolitan District Commission         | 7/20/2020                | 93.72        | No Restrictions           | ↓     | 93.22              | 101               | 7/13/2020     | 94.89                 |
| CT1340011 | CTWC - Northern Reg-Stafford System      | 7/16/2020                | 100.00       | No Restrictions           | --    | 98.43              | 102               | 7/9/2020      | 100.00                |
| CT1430011 | Torrington Water Company                 | 7/17/2020                | 88.84        | No Restrictions           | ↓     | 85.97              | 103               | 7/10/2020     | 89.74                 |
| CT0261031 | CTWC - Shoreline Region-Chester System   | 7/16/2020                | 93.97        | No Restrictions           | ↑     | 90.96              | 103               | 7/9/2020      | 90.56                 |
| CT0830021 | Connecticut Valley Hospital              | 7/13/2020                | 94.76        | No Restrictions           | ↓     | 91.14              | 104               | 7/6/2020      | 95.43                 |
| CT1040011 | Norwich Public Utilities                 | 7/18/2020                | 94.01        | No Restrictions           | ↓     | 90.07              | 104               | 7/11/2020     | 98.19                 |
| CT0880011 | CTWC - Naugatuck Region-Central System   | 7/16/2020                | 94.43        | No Restrictions           | ↑     | 90.91              | 104               | 7/9/2020      | 93.85                 |
| CT0340011 | Danbury Water Department                 | 7/19/2020                | 90.49        | No Restrictions           | ↑     | 86.89              | 104               | 7/12/2020     | 89.20                 |
| CT1480011 | Wallingford Water Department             | 7/17/2020                | 89.45        | No Restrictions           | ↓     | 85.17              | 105               | 7/10/2020     | 90.85                 |
| CT0473011 | CTWC - Northern Reg-Western System       | 7/16/2020                | 92.52        | No Restrictions           | ↓     | 88.36              | 105               | 7/9/2020      | 93.91                 |
| CT1370011 | Aquarion Water Co of CT-Mystic           | 7/12/2020                | 93.89        | No Restrictions           | ↓     | 89.51              | 105               | 7/5/2020      | 98.85                 |
| CT0590011 | Groton Utilities                         | 7/13/2020                | 93.86        | No Restrictions           | ↓     | 89.43              | 105               | 7/6/2020      | 95.34                 |
| CT0090011 | Bethel Water Dept                        | 7/19/2020                | 99.76        | No Restrictions           | ↓     | 95.01              | 105               | 7/12/2020     | 100.00                |
| CT0608011 | CTWC - Shoreline Region-Guilford System  | 7/16/2020                | 92.09        | No Restrictions           | ↓     | 86.81              | 106               | 7/9/2020      | 93.12                 |
| CT1250011 | Sharon Water & Sewer Commission          | 7/11/2020                | 100.00       | No Restrictions           | --    | 93.77              | 107               | 7/4/2020      | 100.00                |
|           |  |                          | 89.18        |                           |       | 89.60              | 99.53             |               |                       |

|    |  |
|----|--|
| ↑  | -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 | 19 |
| Between 90% and 99% of Normal           | 14 |
| Less than 90% of Normal                 | 1  |
| At 100% Full                            | 3  |