

# Drought Conditions Report

for August 13, 2020

Connecticut Water Planning Council  
Interagency Drought Workgroup

	Stage 2 Trigger	Stage 3 Trigger	Fairfield	Hartford	Litchfield	Middlesex	New Haven	New London	Tolland	Windham	Data of Record
Precipitation	Two-month total below 65% of average	Three-month total below 65% of average	89 ↑	40 ↔	60 ↑	54 ↑	72 ↑	63 ↔	61 ↑	64 ↔	Through July 31, 2020
Ground Water	Two out of three months below the 25th percentile	Four consecutive months below 25th percentile	No	No	Maybe	No	Maybe	No	No	No	Through July 31, 2020
Streamflow	Two out of three months below the 25th percentile	Four out of five months below the 25th percentile	No	Yes	Yes	No	No	No	Yes	Yes	Through July 31, 2020
Reservoirs	Average levels less than 80% of normal	Average levels less than 70% of normal	No, trending down	No, trending down	No, trending down	No, trending down	No, trending down	No, trending down	No, trending down	No, trending down	August 12, 2020 update from DPH
Palmer Drought Severity Index	-2.0 to -2.99	-3.0 to -3.99	Stage 2	Stage 2	Stage 2	Stage 2	Stage 2	Stage 2	Stage 2	Stage 2	Through August 8, 2020
Crop Moisture Index	-1.0 to -1.99	-2.0 to -2.99	-2.3	-2.3	-1.7	-2.3	-2.3	-2.3	-2.3	-2.3	Through August 8, 2020
VegDRI (seasonal)	Pre-drought conditions	Moderate drought conditions	Insignificant	Stage 2?	Stage 2/3	Insignificant	Insignificant	Stage 2	Insignificant	Insignificant	Through August 9, 2020
Fire Danger	Moderate	High	Moderate	Moderate/High	Moderate	Moderate/High	Moderate	High	High	High	Through August 12, 2020
U.S. Drought Monitor	D1-D2	D2-D3	N/A	D0/D1	D0/D1	D0	D0	D0	D0/D1	D0/D1	Through August 11, 2020

## NWS Update for Connecticut Interagency Drought Workgroup

August 13<sup>th</sup>, 2020

### NWS Boston/Albany Summary

#### **July precipitation:**

July rainfall by County from highest to lowest is noted below.

- Fairfield County: rainfall for July averaged 5.89 inches, 138 percent of normal.
- New Haven and Middlesex Counties: rainfall totaled around 3.5 inches, 80 to 89 percent of normal.
- Litchfield and Tolland Counties averaged around 70 percent of normal rainfall, with 3.31 inches and 2.76 inches respectively.
- Hartford, Windham, and New London Counties had rainfall 2.5 inches or less, under 60 percent of normal.

A couple of nuances in the July rainfall were noted within 2 portions of the State.

- Far southern Litchfield County had higher rainfall totals of 4 to 6 inches, much higher than the northern and central portions of that County.
- In the vicinity of Storrs and Ashford, a localized much higher rainfall total of 6.5 to 8 inches was noted due to thunderstorms producing very heavy rainfall there.

**The low rainfall totals during June and July pushed some Connecticut Counties into the Incipient Drought category for precipitation (rainfall <65% of normal in 2 months) or the Moderate Drought category (rainfall <65% of normal in 3 months).**

**Counties where rainfall was <65% of normal in past 2 months (June-July): Litchfield, Hartford, Tolland, Windham, Middlesex and New London.**

**Counties where rainfall was <65% of normal for past 3 months (May-July): Litchfield, Hartford, and Middlesex Counties.**

In addition, Hartford County's 4 month rainfall total of 11.42 inches was only 64% of normal.

#### **July Temperatures:**

July 2020 was an unusually hot month for Connecticut. Preliminary rankings follow for some stations with long-standing records:

- **Bridgeport CT:** Hottest July and 2<sup>nd</sup> hottest month on record. Records go back to 1948.
- **Hartford CT:** 2<sup>nd</sup> Hottest July and 2<sup>nd</sup> hottest month on record. Records go back to 1905.
- **Storrs CT:** 5<sup>th</sup> Hottest July and 5<sup>th</sup> hottest month on record. Records go back to 1888.
- **Norfolk CT:** Hottest July and hottest month on record. Records go back to 1932.

**August Month-to-Date Conditions:**

Rainfall since August 1st has been under an inch, below normal, across much of the State. There were some higher totals, most notably across Litchfield County, most of Fairfield County and far western Hartford County, with rainfall totals ranging from 1 to 3 inches.

Temperatures month-to-date have been 2 to 5 degrees above normal.

**Forecast Rainfall and Temperatures:**

Rainfall totals are forecast to be below normal, less than an inch, across most of the State through next Tuesday. Localized higher totals are possible in thunderstorms. Temperatures remain several degrees above normal through Friday, then trend only slightly above normal during this weekend into early next week.

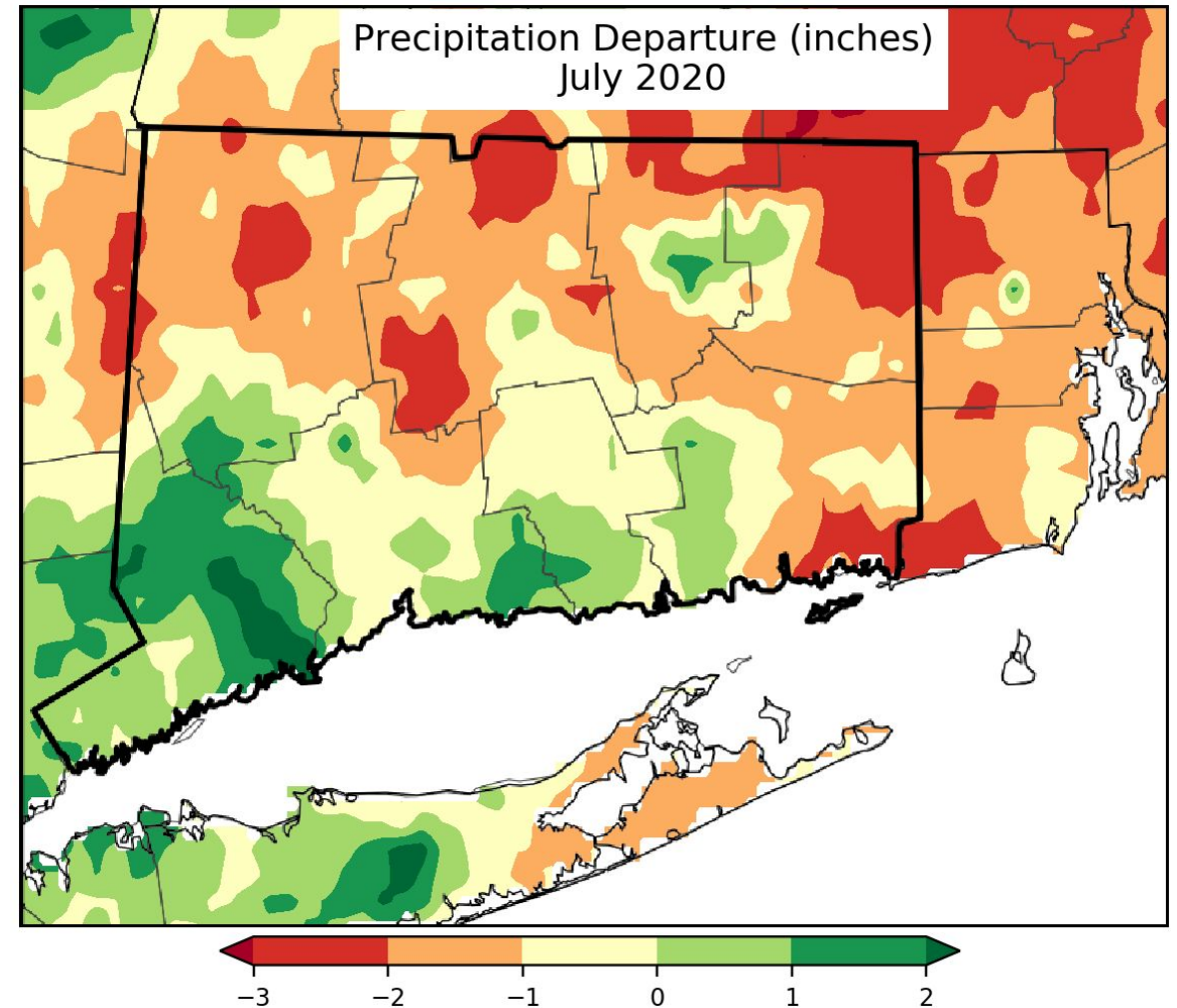
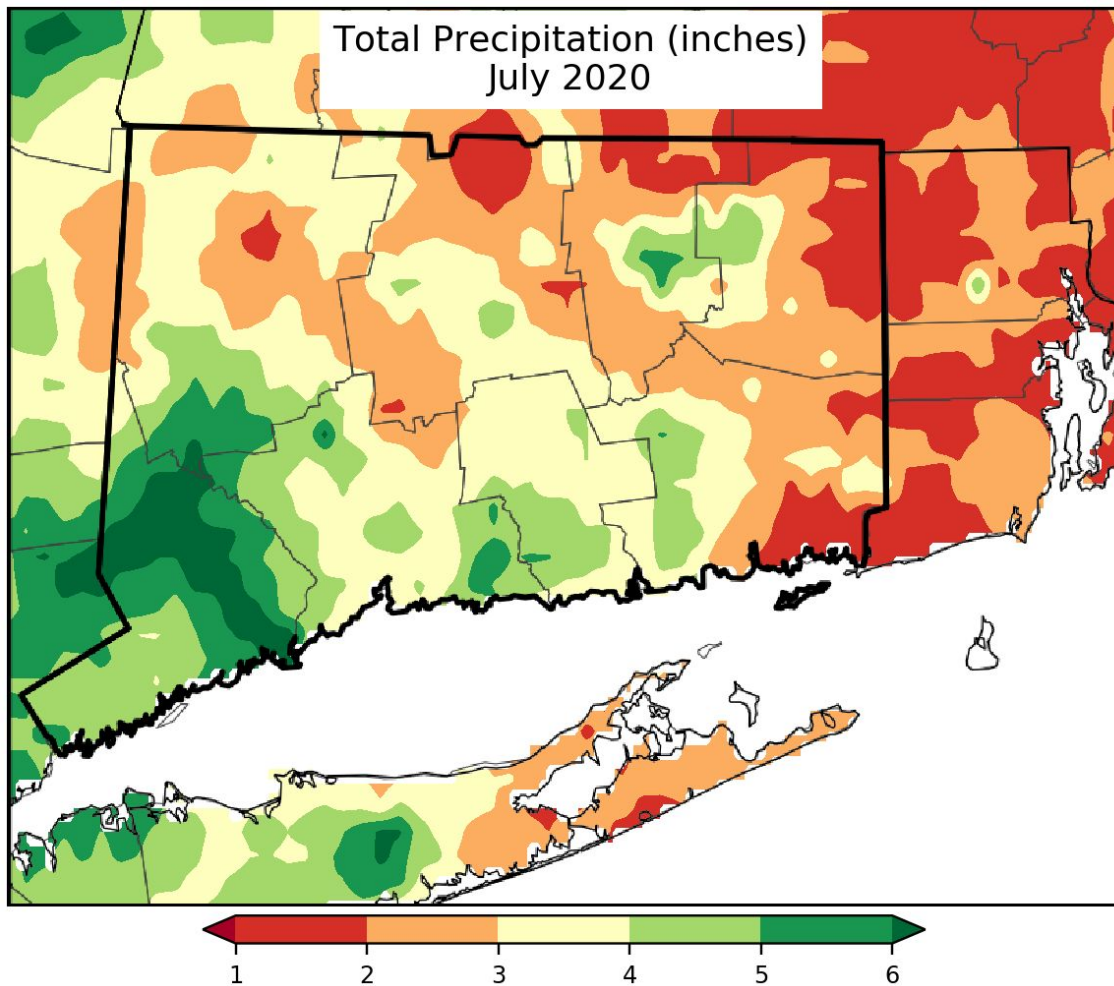
In the longer range, 8-14 day outlook covering August 19-25 from the Climate Prediction Center, above normal temperatures and below normal precipitation are probable during this timeframe. Temperatures are expected to average above normal during much of this fall (September to November).

# NWS Conditions Update

Connecticut Interagency Drought Workgroup Meeting  
National Weather Service Boston MA and Albany NY  
August 13th 2020



# July 2020 Rainfall



CT 1 Month July 2020	Rainfall	Departure	Percent	Normal
Litchfield	3.31	-1.27	72	4.58
Hartford	1.96	-2.61	43	4.57
Tolland	2.76	-1.17	70	3.93
Windham	2.50	-1.76	59	4.26
Fairfield	5.89	1.62	138	4.27
New Haven	3.59	-0.44	89	4.03
Middlesex	3.50	-0.88	80	4.38
New London	2.20	-1.52	59	3.72

CT 2 month Jun-Jul 20	Rainfall	Departure	Percent	Normal
Litchfield	5.49	-3.69	60	9.18
Hartford	3.64	-5.55	40	9.19
Tolland	5.19	-3.32	61	8.51
Windham	5.47	-3.13	64	8.60
Fairfield	7.78	-0.92	89	8.71
New Haven	6.09	-2.34	72	8.43
Middlesex	5.02	-4.32	54	9.34
New London	4.92	-2.87	63	7.79

CT 3 month May-Jul 20	Rainfall	Departure	Percent	Normal
Litchfield	8.75	-4.84	64	13.59
Hartford	6.51	-7.10	48	13.61
Tolland	8.31	-4.29	66	12.61
Windham	9.18	-3.44	73	12.62
Fairfield	10.24	-2.85	78	13.09
New Haven	8.98	-3.69	71	12.67
Middlesex	8.42	-5.14	62	13.56
New London	8.62	-2.93	75	11.55

Defining Criteria for a **Stage 2 Incipient Drought**:  
2 Month precipitation <65% of normal

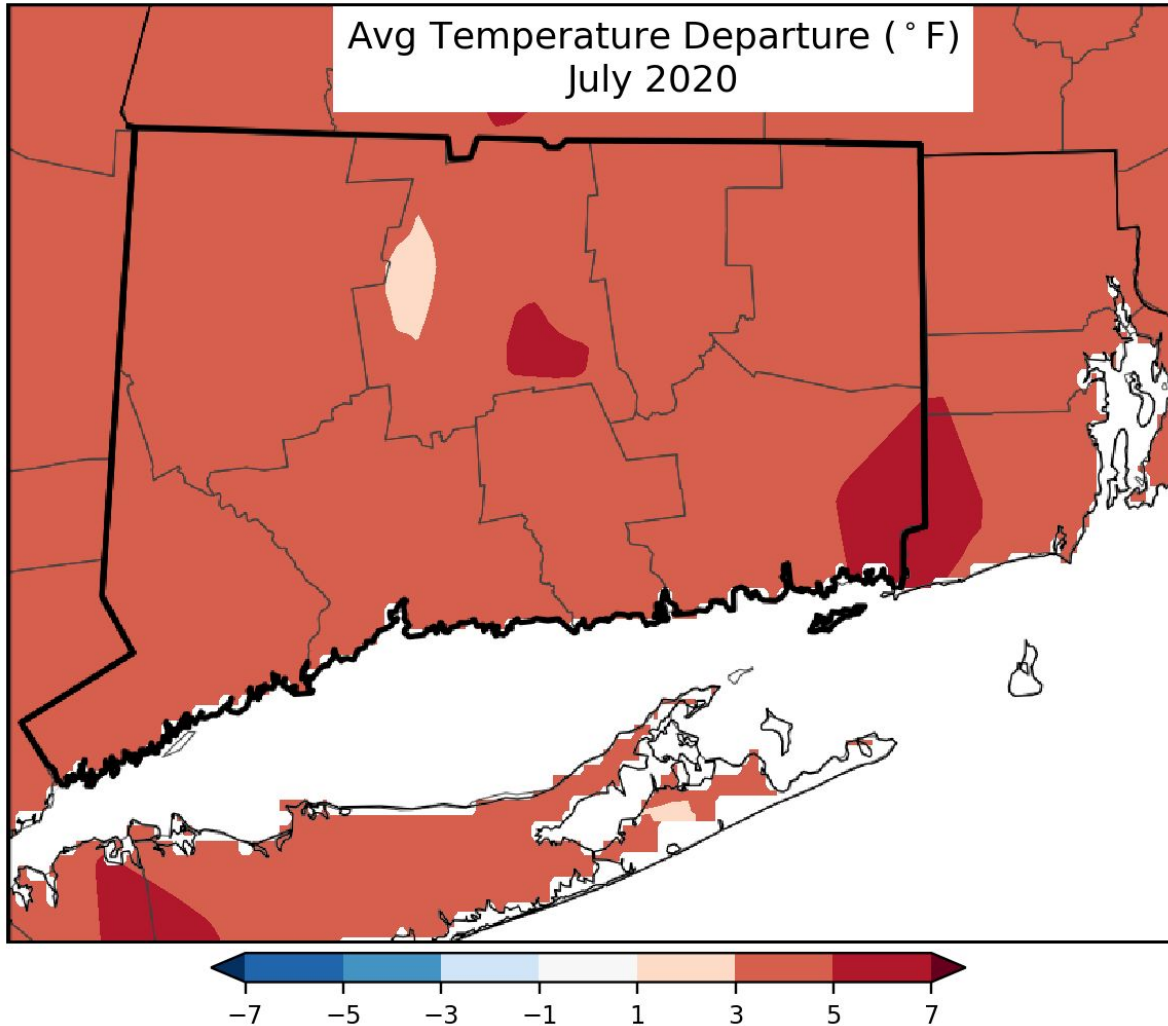
All Counties **except for** Fairfield and New Haven meet the above criteria for **Stage 2**

Defining Criteria for a **Stage 3 Moderate Drought**:  
3 Month precipitation <65% of normal

Litchfield, Hartford and Middlesex Counties meet the above criteria for **Stage 3**



# July's Excessive Heat

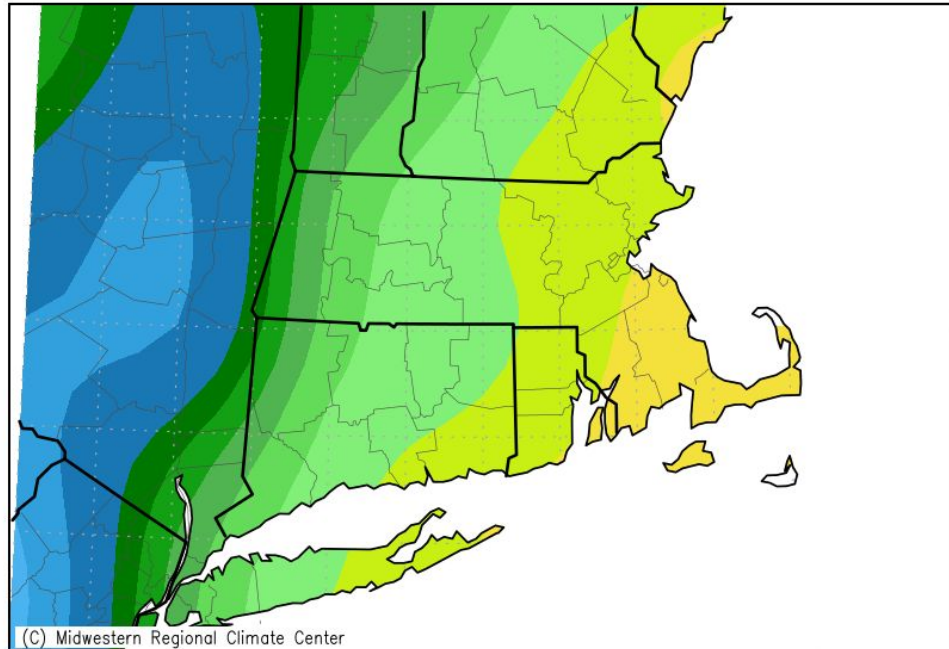


- **Bridgeport CT:**
  - Hottest July on record
  - 2<sup>nd</sup> hottest month on record.
- **Hartford CT:**
  - 2<sup>nd</sup> Hottest July on record
  - 2<sup>nd</sup> hottest month on record.
- **Storrs CT:**
  - 5<sup>th</sup> Hottest July on record
  - 5<sup>th</sup> hottest month on record.
- **Norfolk CT:**
  - Hottest July on record
  - Hottest month on record.



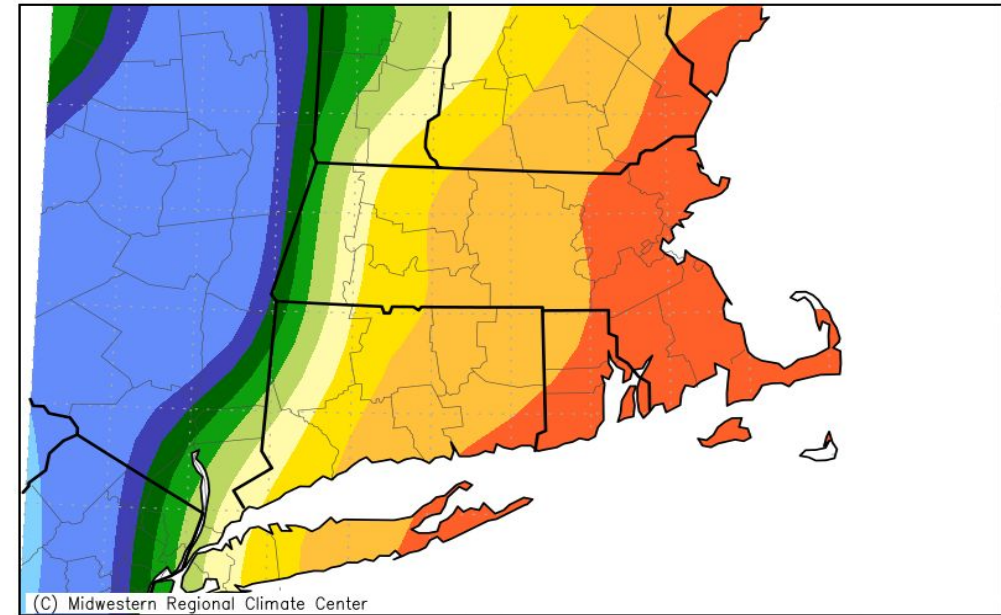
# August 2020 Month-to-Date Rainfall

Accumulated Precipitation (in)  
August 1, 2020 to August 11, 2020

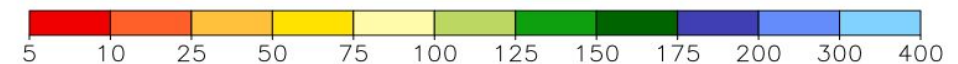


Midwestern Regional Climate Center  
cli-MATE: MRCC Application Tools Environment  
Generated at: 8/12/2020 7:35:38 AM CDT

Accumulated Precipitation: Percent of Mean  
August 1, 2020 to August 11, 2020



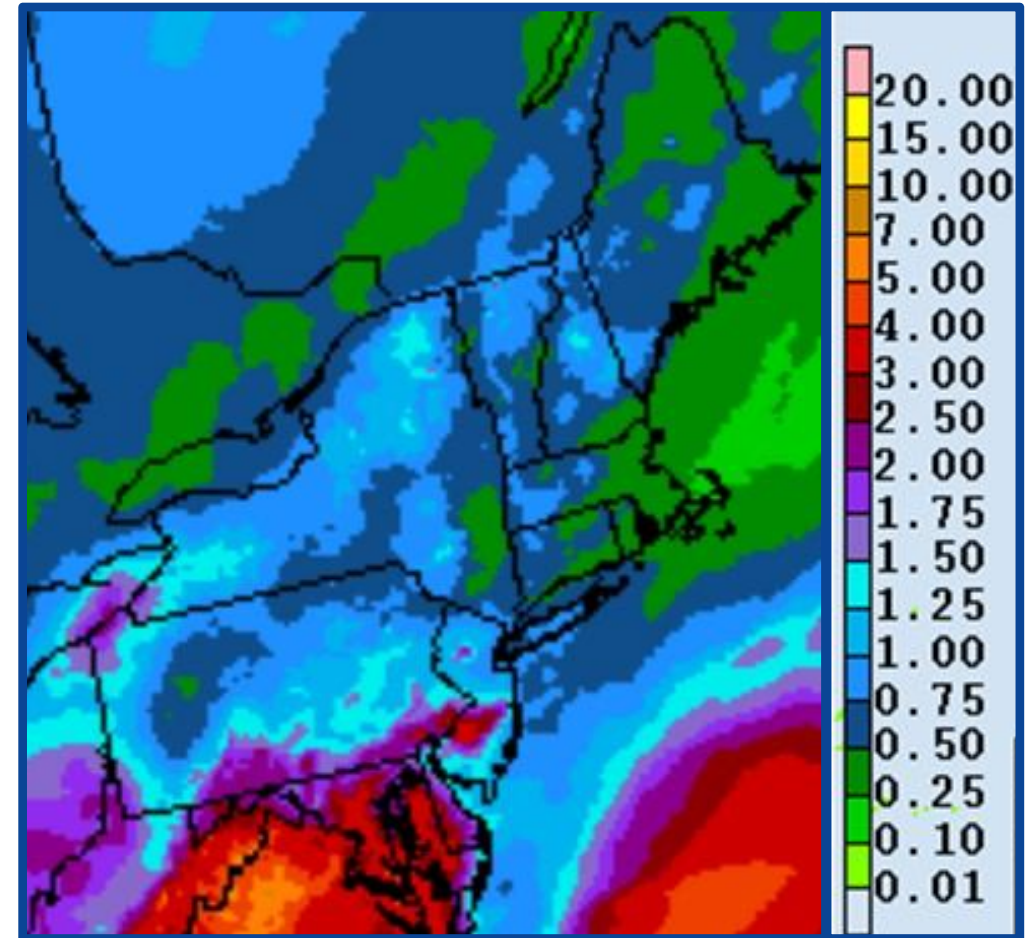
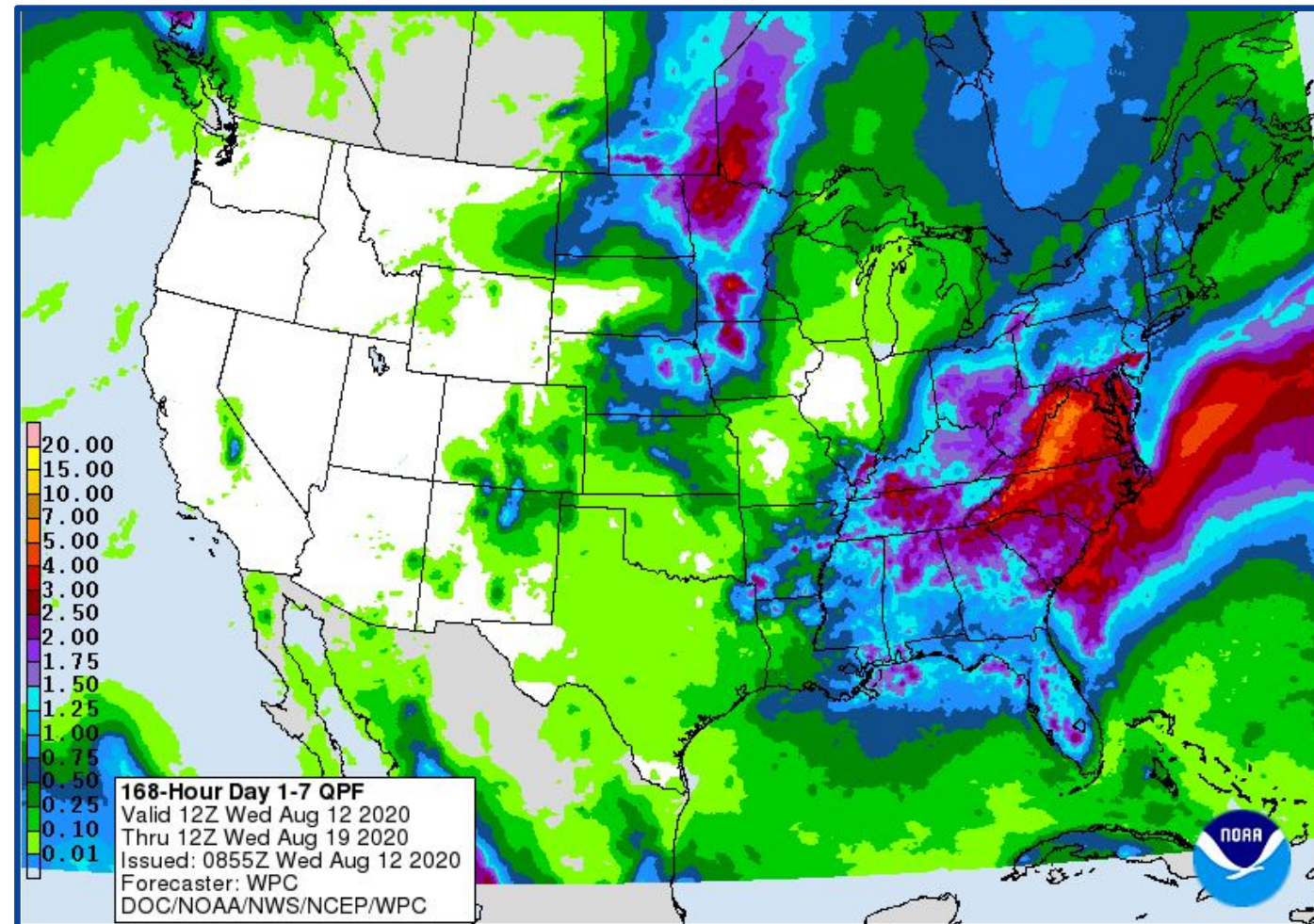
Mean period is 1981–2010.



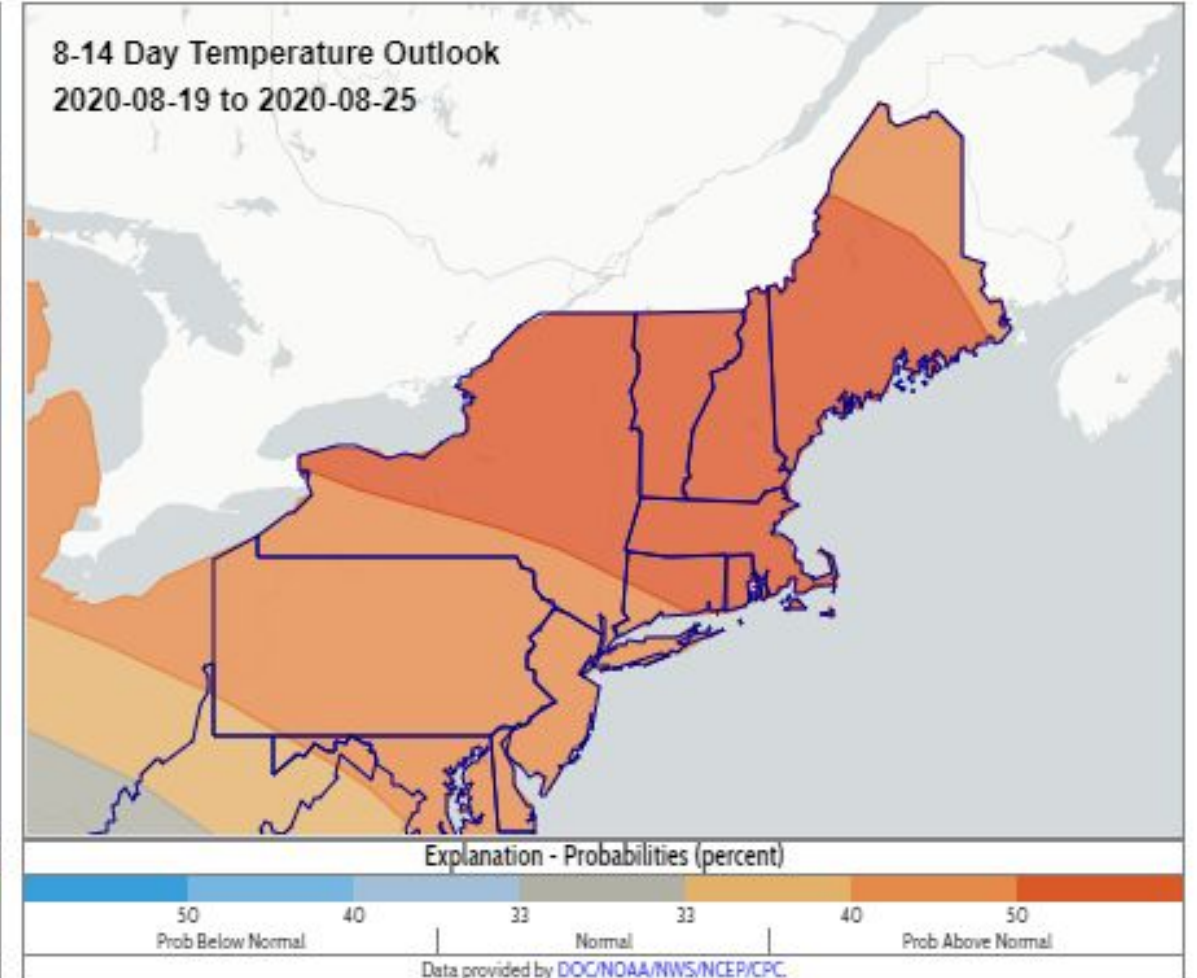
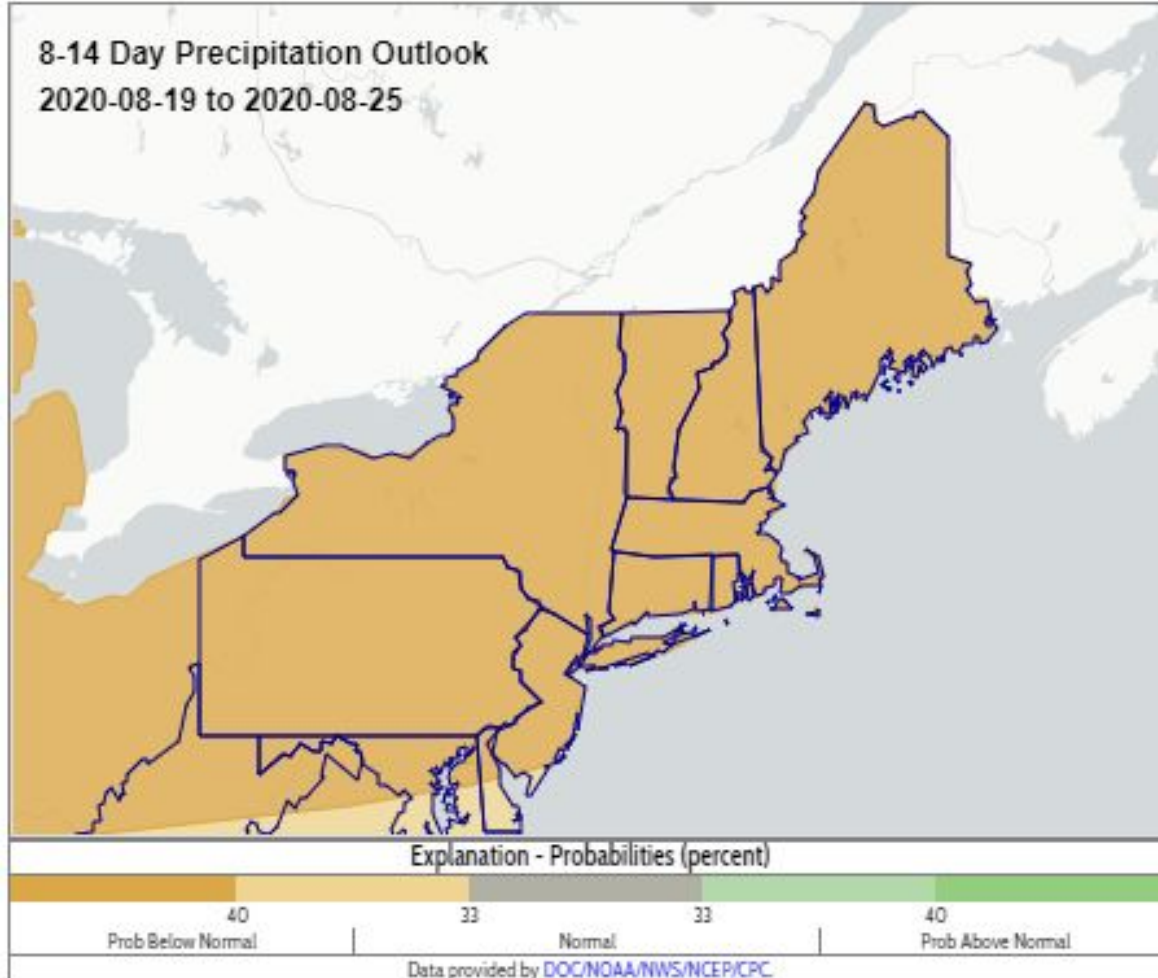
Midwestern Regional Climate Center  
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# Rainfall Forecast through 8 am Wed Aug 19<sup>th</sup>



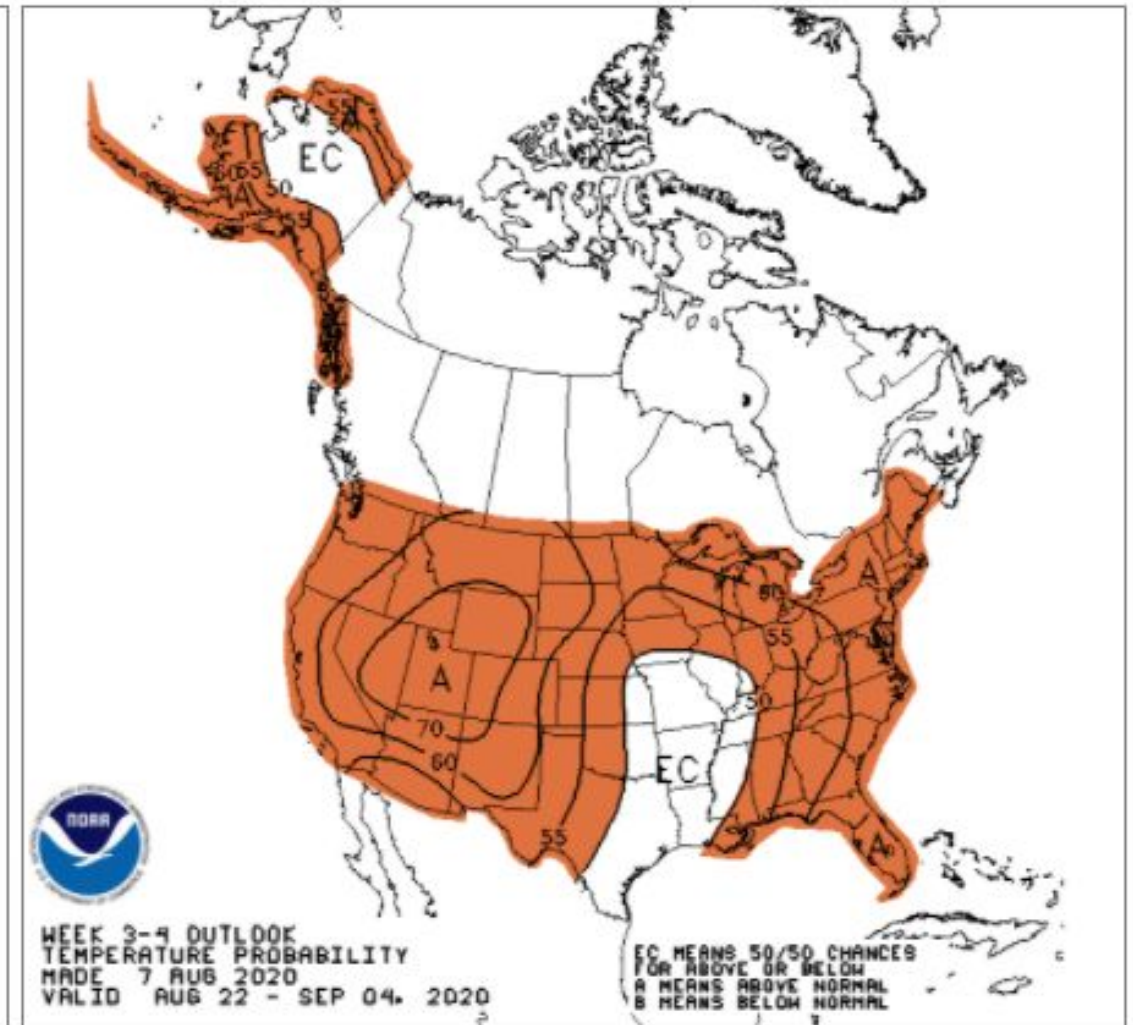
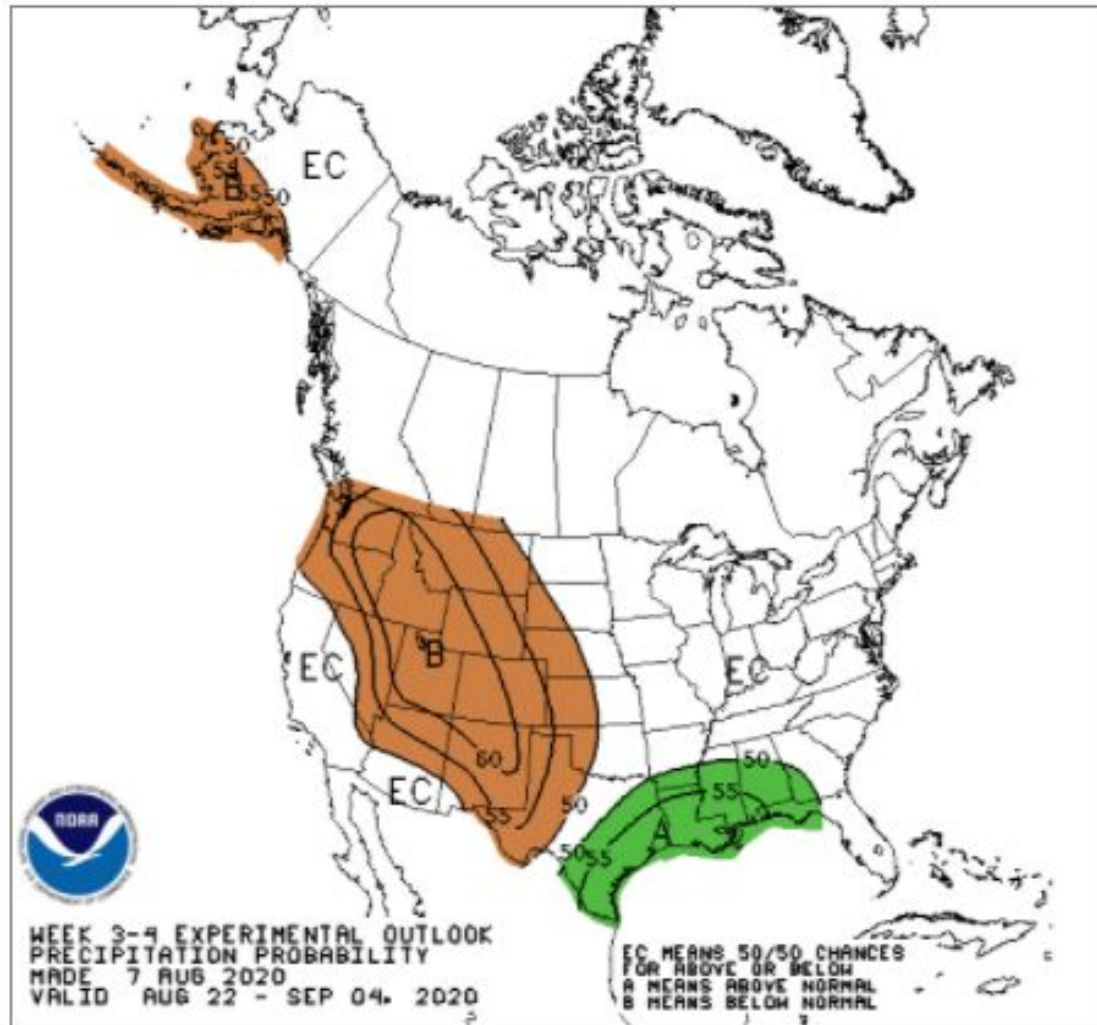
# Outlook for Aug 19<sup>th</sup> to Aug 25<sup>th</sup> 2020





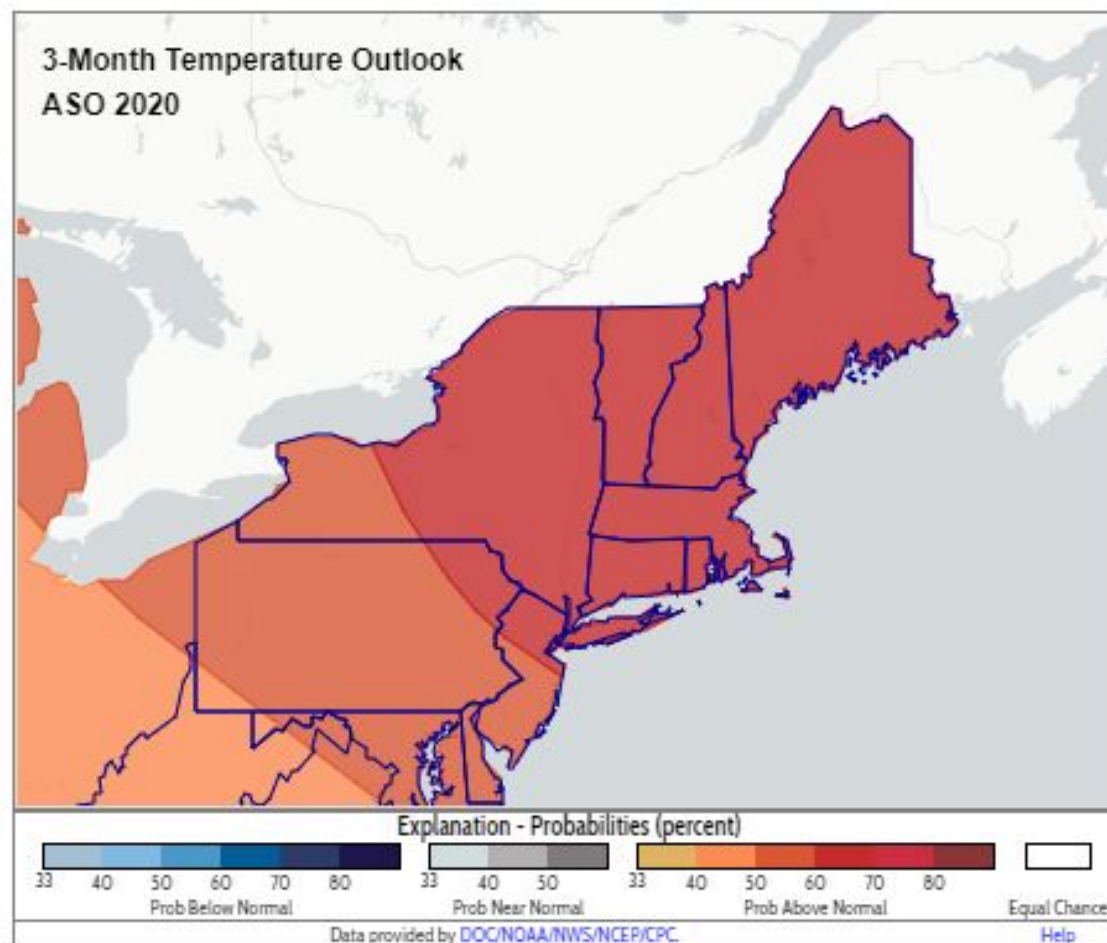
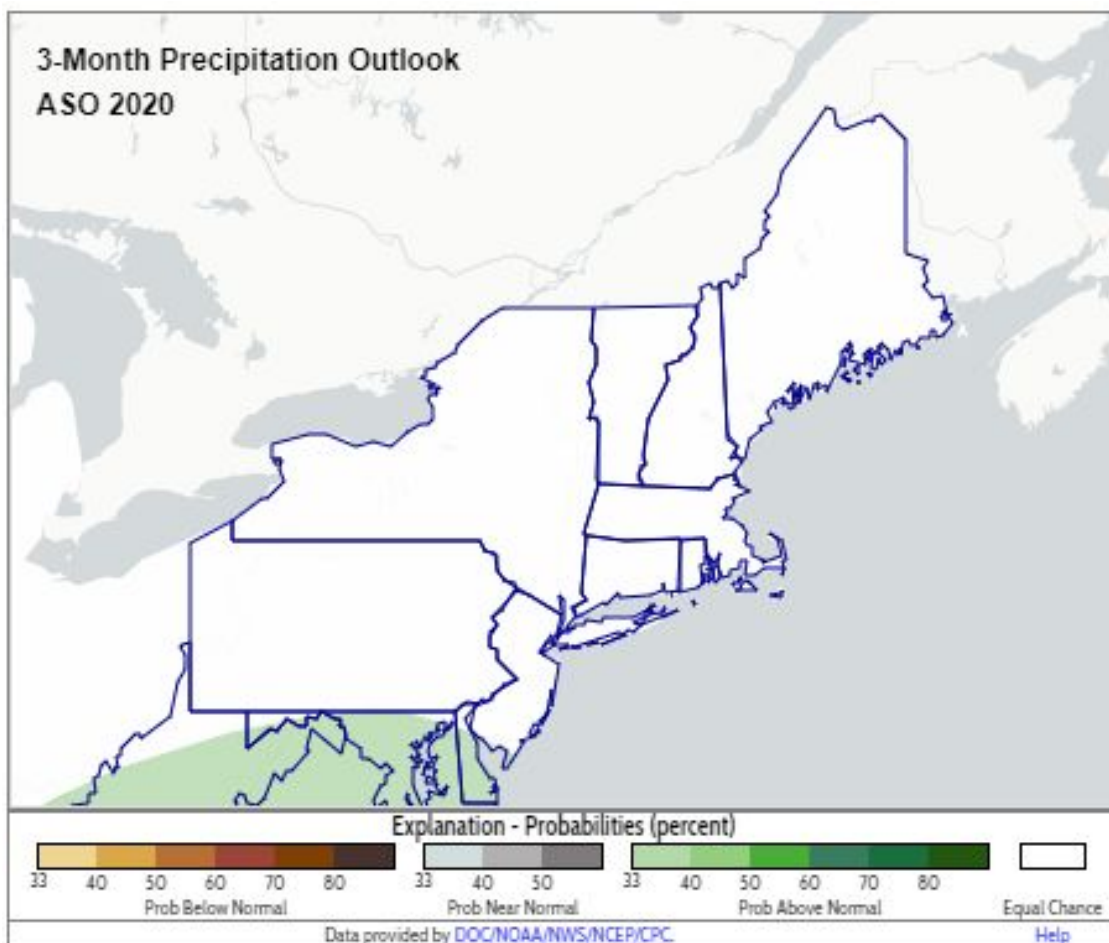
# Week 3-4 Outlook\*, Aug 22<sup>nd</sup> to Sept 4<sup>th</sup>

\*Outlook updated at 3 pm EDT Friday



# 3 Month Outlook- Aug/Sept/Oct

(created July 16)







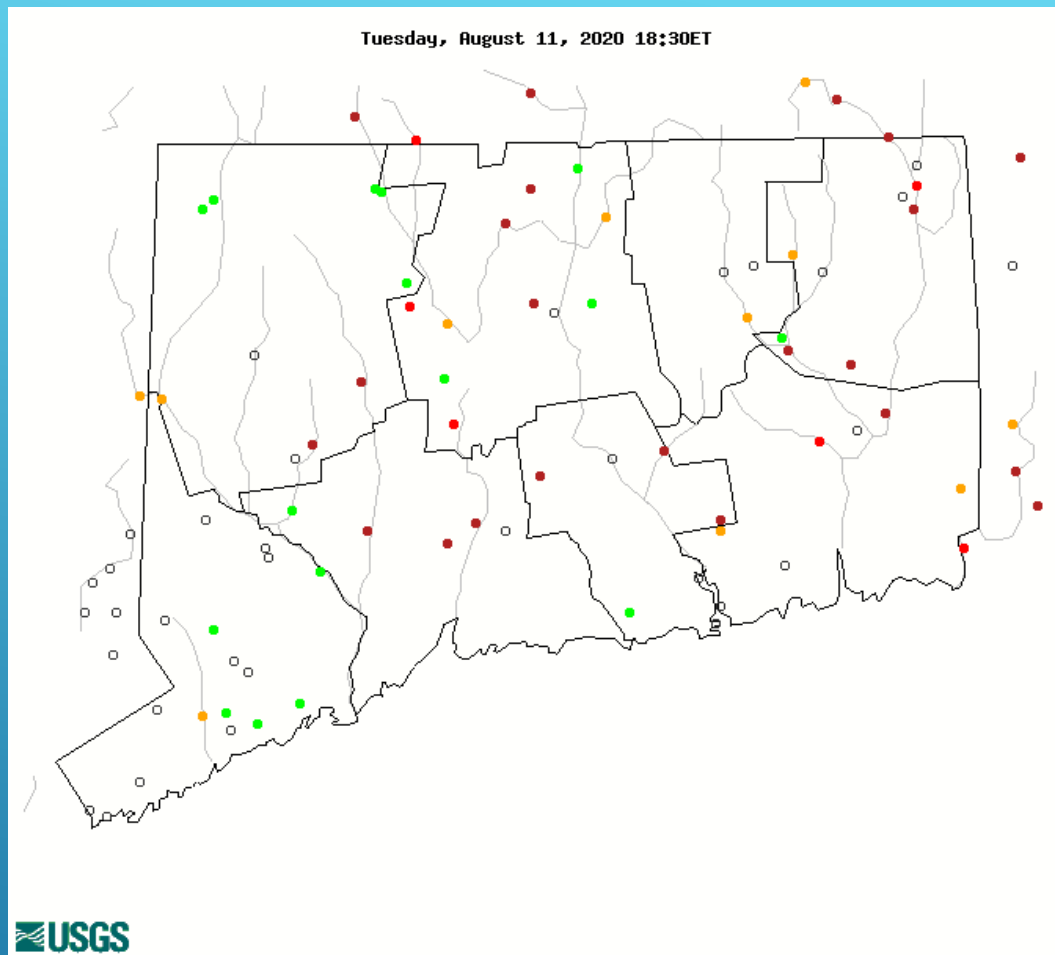
# **U.S. Geological Survey**

**Status of streamflow  
and groundwater levels,  
as of August 11, 2020**



Provisional Data- subject to review and revision

# DAILY STREAMFLOW CONDITIONS



Explanation - Percentile classes						
Low	<10	10-24	25-75	76-90	>90	High
	Much below normal	Below normal	Normal	Above normal	Much above normal	
1	2	3	4	5	6	7

<https://waterwatch.usgs.gov/?m=real&r=ct&w=map>










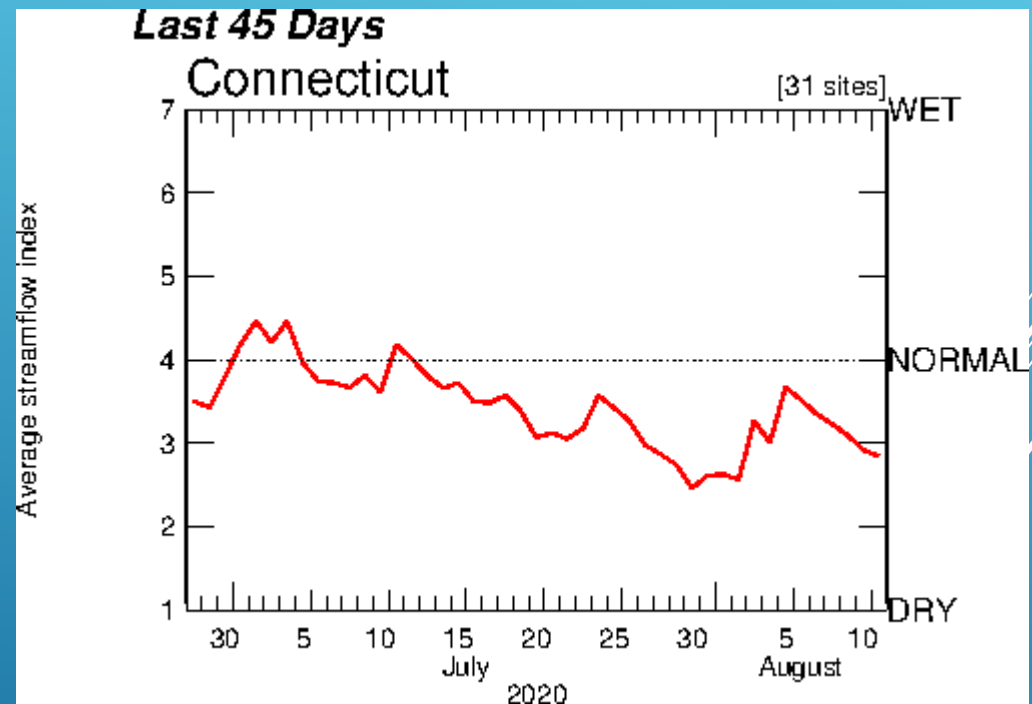
Provisional Data- subject to review and revision



[https://waterwatch.usgs.gov/index.php?r=ct&id=real&sid=w\\_plot](https://waterwatch.usgs.gov/index.php?r=ct&id=real&sid=w_plot)

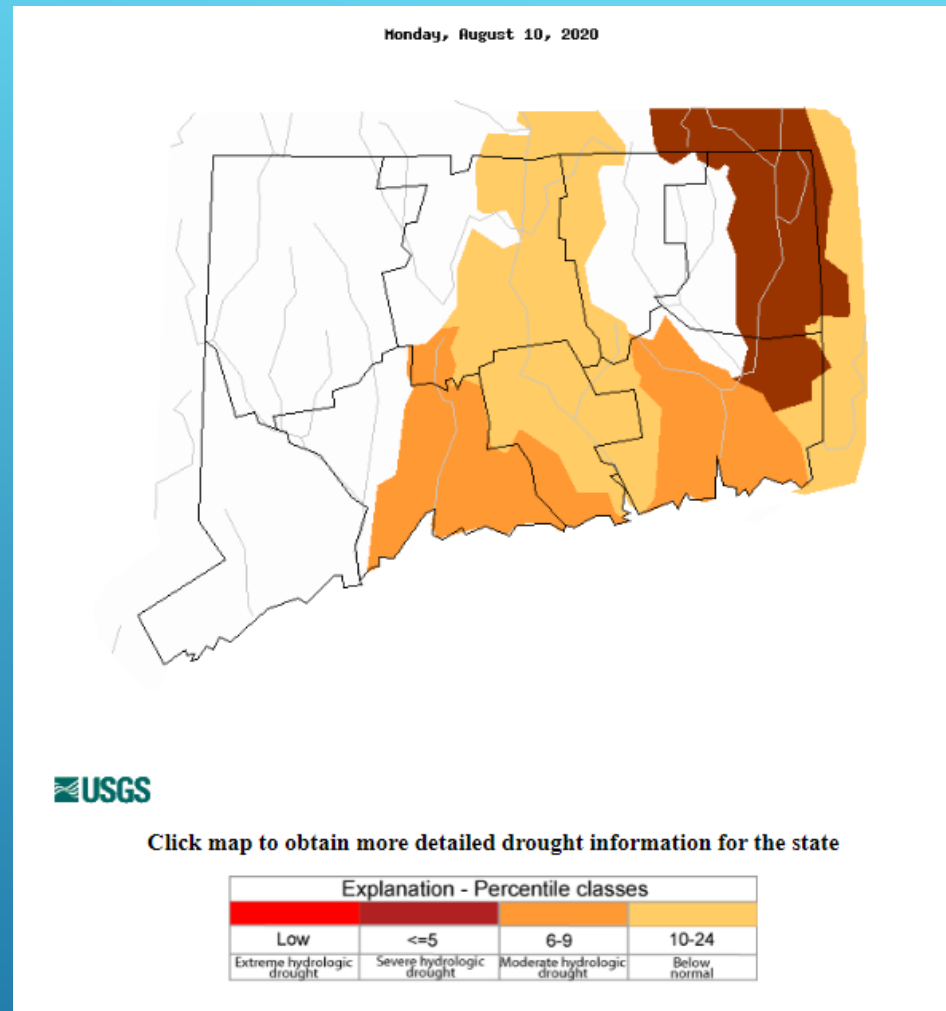
# CONNECTICUT STREAMFLOW TREND

Explanation - Percentile classes						
						
Low	<10	10-24	25-75	76-90	>90	High
	Much below normal	Below normal	Normal	Above normal	Much above normal	
1	2	3	4	5	6	7



Streamflow trending below normal on a statewide basis

Basins with below  
normal streamflow  
during the last 7  
days



# STREAMFLOW CONDITIONS

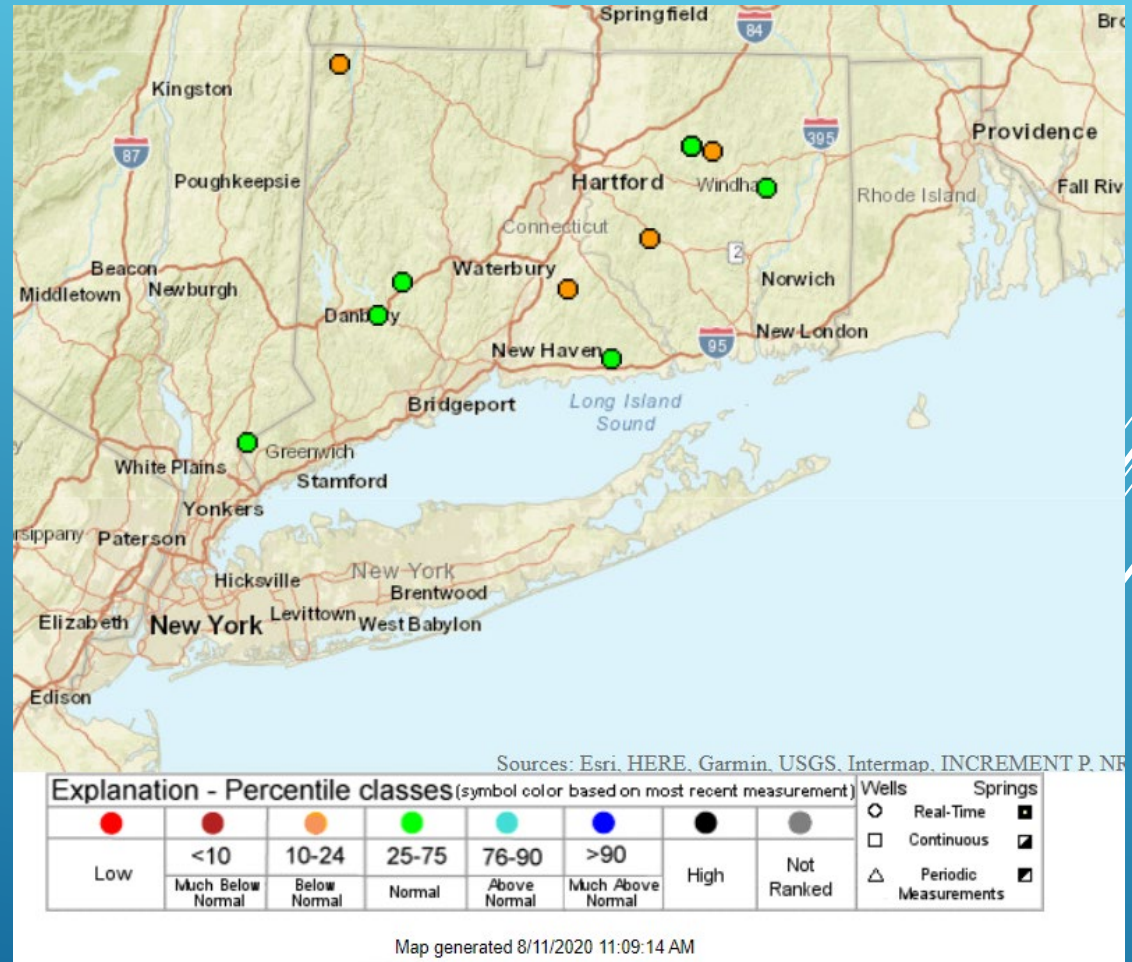
<https://waterwatch.usgs.gov/index.php?m=dryw&r=ct>

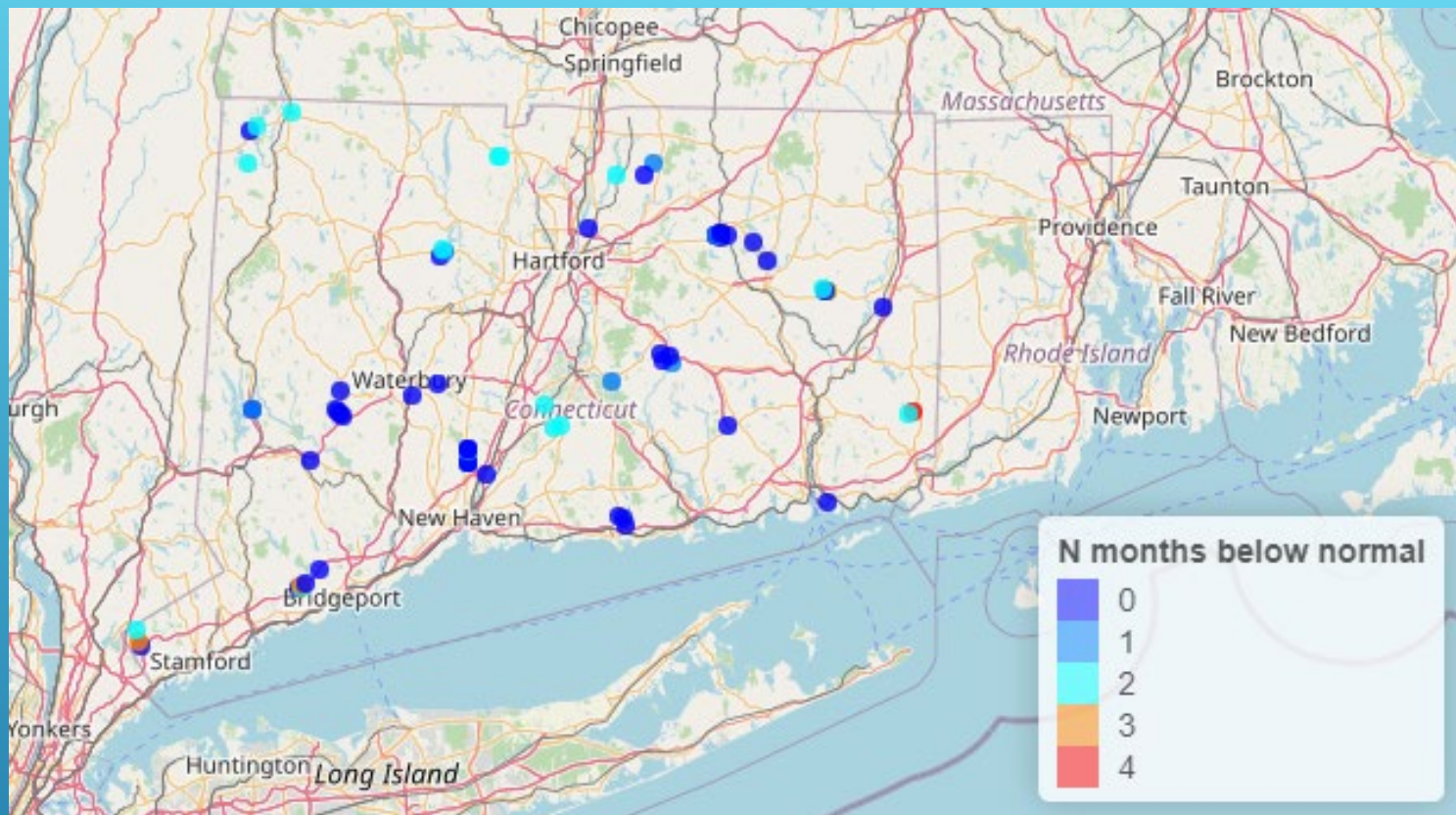


Provisional Data- subject to review and revision

# GROUNDWATER, REAL TIME STATIONS

Below normal  
water levels in 4 of  
10 wells





## CONSECUTIVE MONTHS OF BELOW NORMAL GROUNDWATER LEVELS (<25 PERCENTILE), JULY 2020

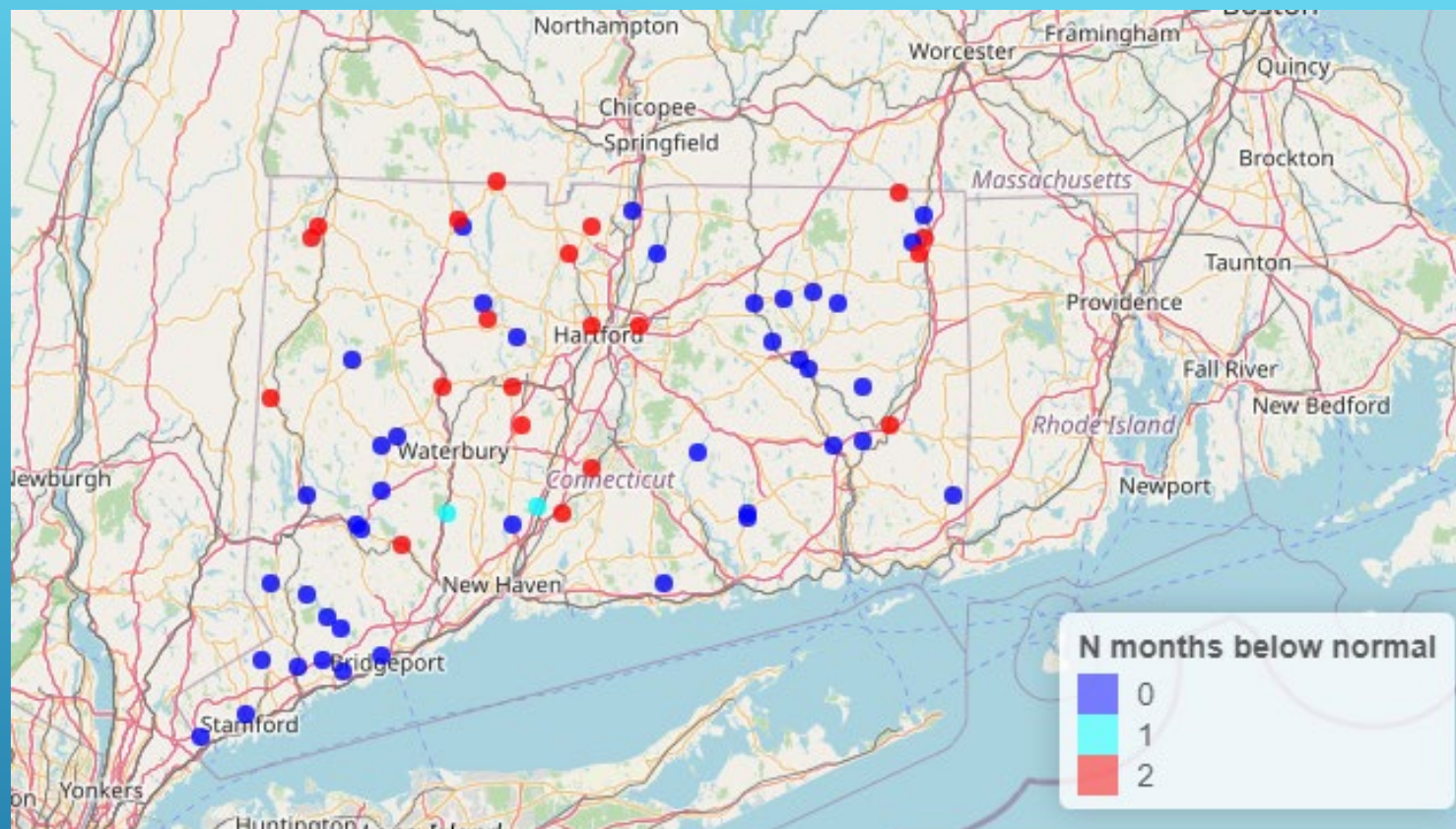


County	Number of wells	Number of wells below normal for 2 or more consecutive months		Percent
Fairfield	11	4		36.4
Hartford	10	4		40
Litchfield	5	3		60
Middlesex	7	3		42.9
New Haven	13	1		7.7
New London	5	2		40
Tolland	12	0		0
Windham	6	4		66.7

## END OF JULY 2020 SUMMARY BY COUNTY



Provisional Data- subject to review and revision



# CONSECUTIVE MONTHS OF BELOW NORMAL STREAMFLOW (<25 PERCENTILE), JULY 2020

County	Number of gages	Number of streamgages with monthly median flow below normal for 2 or more consecutive months		Percent
Fairfield	14	0		0
Hartford	11	8		72.7
Litchfield	10	5		50
Middlesex	4	1		25
New Haven	6	2		33.3
New London	5	1		20
Tolland	3	0		0
Windham	10	3		30

## JULY STREAMFLOW SUMMARY BY COUNTY



Provisional Data- subject to review and revision



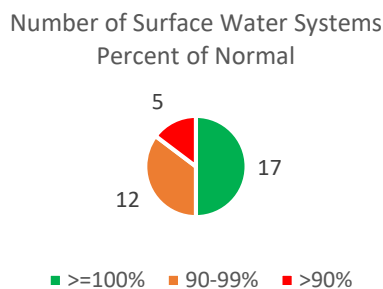
# Surface Reservoir Capacity Measurements and Trends

8/12/2020 Update

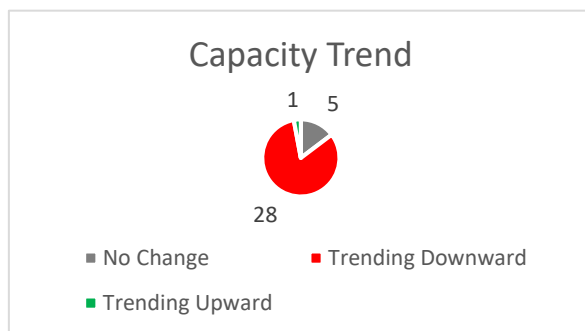
Thirty-four surface water systems measure their reservoir capacities weekly and report the readings to the Drinking Water Section (DWS). The attached table summarizes the most recent measurements in percent full and shows the week to week trend of their capacities.

Key takeaways:

- All systems have reported readings from the past week or so.
- 17 out of 34 reservoir systems are at or above their normal percent full for this time of year. Increase of 3 system from previous week. This may be due to moving to August and historical capacities are from the end of August. The overall state average is **83.2% full** (last week – 85.3% full) and the **state average percent of normal is 96.8 %** (last week – 97.1% of Normal).
- 12 systems are reporting below normal condition between 90 and 99% of normal indicated by the red numbers in the table (Improvement of 3 systems from last week). **5 systems are below 90% (Improvement of 1 system from last week)**. AWC – Salisbury System and Southington Water Dept are at 76 and 74% of normal, respectively.



- 3 systems have reported that they are currently at 100% full. No change from last week.
- 28 systems are trending downward in capacity from their previous measurements (Improvement of 1 system from last week). 5 systems with no change in capacity. One system has seen improvement but it was only 0.3 MG from the previous week.



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	8/8/2020	51.74	No Drought Stage	↓	70.22	74	8/1/2020	55.85
CT1220011	Aquarion Water Co of CT-Salisbury Sys	7/26/2020	70.98	No Drought Stage	↓	93.66	76	7/19/2020	78.52
CT0570011	Aquarion Water Co of CT-Greenwich System	7/26/2020	72.41	Drought Watch	↓	87.40	83	7/19/2020	75.88
CT1510011	Waterbury Water Department	8/2/2020	76.01	No Drought Stage	↓	87.45	87	7/26/2020	78.04
CT0800011	Meriden Water Division	8/3/2020	75.15	No Drought Stage	↓	84.28	89	7/27/2020	77.43
CT0170011	Bristol Water Department	8/9/2020	75.84	Approaching Trigger Level	↓	84.71	90	7/27/2020	78.17
CT1030011	Norwalk First Taxing District	8/9/2020	69.33	Drought Alert	↓	77.34	90	8/2/2020	71.68
CT1030021	South Norwalk Electric & Water	8/10/2020	66.46	Approaching Trigger Level	↓	72.02	92	8/3/2020	70.17
CT0890011	New Britain Water Department	7/30/2020	74.99	No Drought Stage	↓	80.53	93	7/23/2020	77.29
CT0580011	Jewett City Water Company	8/3/2020	78.94	No Drought Stage	↓	85.32	93	7/27/2020	82.33
CT0770021	Manchester Water Department	8/9/2020	80.49	Approaching Trigger Level	↓	85.88	94	8/2/2020	83.44
CT0150011	Aquarion Water Co of CT-Main System	7/26/2020	85.78	No Drought Stage	↓	91.41	94	7/19/2020	86.91
CT0980011	Aquarion Water Co of CT-Norfolk System	7/26/2020	94.51	No Drought Stage	↓	98.54	96	7/19/2020	94.88
CT0950011	New London Dept. of Public Utilities	8/9/2020	66.27	No Drought Stage	↓	68.77	96	8/2/2020	69.91
CT1370011	Aquarion Water Co of CT-Mystic	7/26/2020	87.62	No Drought Stage	↓	89.20	98	7/19/2020	92.19
CT0830011	Middletown Water Department	8/2/2020	81.18	No Drought Stage	--	83.13	98	7/26/2020	81.18
CT1620011	Winsted Water Works	8/9/2020	94.26	No Drought Stage	--	95.67	99	8/2/2020	94.26
CT0261031	CTWC - Shoreline Region-Chester System	8/6/2020	87.59	No Drought Stage	↓	87.61	100	7/30/2020	90.30
CT0830021	Connecticut Valley Hospital	8/3/2020	91.22	No Drought Stage	↓	91.52	100	7/27/2020	92.24
CT0930011	Regional Water Authority	8/9/2020	80.16	No Drought Stage	↓	79.86	100	8/2/2020	82.22
CT1630011	Windham Water Works	8/9/2020	100.00	No Drought Stage	--	100.00	100	8/2/2020	100.00
CT1350011	Aquarion Water Co of CT-Stamford	7/26/2020	84.64	No Drought Stage	↑	85.03	100	7/19/2020	84.34
CT0640011	Metropolitan District Commission	8/10/2020	90.64	No Drought Stage	↓	89.65	101	8/3/2020	91.36
CT0608011	CTWC - Shoreline Region-Guilford System	8/6/2020	80.93	No Drought Stage	↓	79.60	102	7/30/2020	84.65
CT0880011	CTWC - Naugatuck Region-Central System	8/6/2020	88.52	No Drought Stage	↓	86.80	102	7/30/2020	93.20
CT0590011	Groton Utilities	8/3/2020	88.57	No Drought Stage	↓	85.74	103	7/27/2020	90.79
CT1340011	CTWC - Northern Reg-Stafford System	8/6/2020	100.00	No Drought Stage	--	95.80	104	7/30/2020	100.00
CT0473011	CTWC - Northern Reg-Western System	8/6/2020	85.95	No Drought Stage	↓	82.93	104	7/30/2020	88.76
CT0340011	Danbury Water Department	7/26/2020	90.26	No Drought Stage	↓	86.89	104	7/19/2020	90.49
CT1250011	Sharon Water & Sewer Commission	8/8/2020	100.00	No Drought Stage	--	95.50	105	8/1/2020	100.00
CT1480011	Wallingford Water Department	8/7/2020	84.46	No Drought Stage	↓	80.16	105	7/31/2020	86.69
CT0090011	Bethel Water Dept	8/9/2020	99.64	No Drought Stage	↓	94.29	106	8/2/2020	99.76
CT1040011	Norwich Public Utilities	8/8/2020	89.86	No Drought Stage	↓	84.94	106	8/1/2020	93.00
CT1430011	Torrington Water Company	8/7/2020	83.60	No Drought Stage	↓	78.93	106	7/31/2020	84.40
			83.18			85.91	96.82		

↑	-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	17
Between 90% and 99% of Normal	12
Less than 90% of Normal	5
At 100% Full	3

## Department of Agriculture – Drought Status Report

Parameter	Reported Conditions			
	As of last IDW meeting (7/23/2020)		Current Conditions (8/13/2020)	
	Report Date	Status	Report Date	Status
<a href="#">Palmer Drought Severity Index (map)</a>	7/18/2020	<ul style="list-style-type: none"> <li>Moderate drought in Northwest CT</li> <li>Near normal but still on the dry side for rest of CT</li> </ul>	8/8/2020	Entire state shown as moderate drought
<a href="#">Palmer drought severity index (data)</a>	7/18/2020	Northwest: -2.41 Central: -1.67 Coastal: -1.72	8/8/2020	Northwest: -2.7 Central: -2.29 Coastal: -2.26
<a href="#">Precipitation needed to end drought (in.)</a>	7/18/2020	Northwest: 6.82 Central: 4.37 Coastal: 4.46	8/8/2020	Northwest: 7.24 Central: 6.22 Coastal: 6.32
<a href="#">Crop Moisture (current map)</a>	7/18/2020	Normal	8/8/2020	Most of the state (except NE corner) shown as excessively dry, NE corner shown as abnormally dry.
<a href="#">Topsoil moisture (current map)</a>	7/19/2020	Improved, now dry vs. very dry (31% of state short-very short)	8/2/2020	Now showing 100% of the state as short-very short on moisture in top 6 inches of soil
<a href="#">Topsoil moisture (current vs. 5 yr. mean)</a>	7/19/2020	Improved, 31% short or very short compared to 5 year mean of 34%	8/2/2020	Now showing 100% short-very short, compared to a 5 yr mean of 28%
<a href="#">Veg DRI</a> (% of CT land area shown as pre-drought, moderate, severe or extreme)	7/19/2020	Improving from last week (this value increased to 36.1%), but now at 31.7%, showing an increase in land area in pre-drought or moderate drought when compared to the 7/5 report.	8/9/2020	Improved from 7/19, but % of land area with drought conditions is still considerable, now 26.8%, vs. 31.7% in the 7/19 report. Should also note in the graphics the increase in pre-drought areas in the SE corner of the state.
<a href="#">Drought Monitor Report for CT</a>	7/21/2020	84% of the state's land area either abnormally dry or moderate drought	8/4/2020	Included graphics from July 28 and August 4, note here the changes in the area of the state covered by pre-drought or moderate drought conditions – moderate drought, in particular has doubled for about 20% of land area, to nearly 40%.
<a href="#">NASS Crop Progress Report (New England)</a>	7/19/2020	Improved from 7/5/2020: Topsoil moisture: 59% adequate Subsoil moisture: 59% adequate	8/10/2020	As with crop moisture, the conditions in New England show less moisture in both topsoil and subsoil: Topsoil moisture: 49% adequate Subsoil moisture: 48% adequate

**Summary:** Data still show very dry conditions throughout the state, with all of these indices worsening since our last meeting.

**Explanatory notes:**

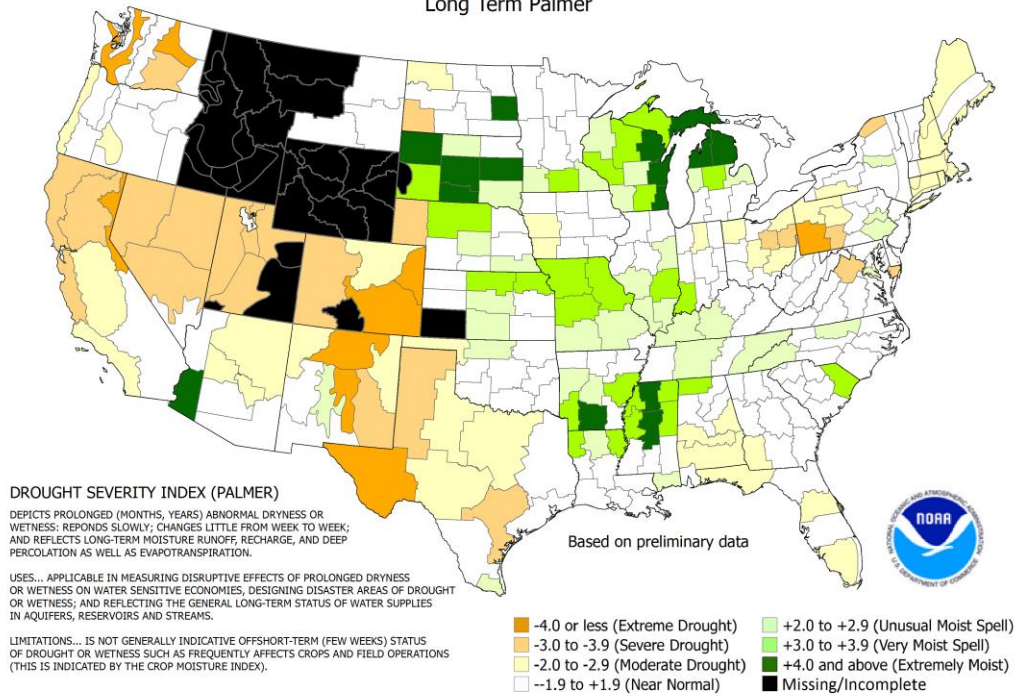
Palmer Drought Severity Index: The Palmer Drought Severity Index (PDSI) uses readily available temperature and precipitation data to estimate relative dryness. It is a standardized index that generally spans -10 (dry) to +10 (wet). Maps of operational agencies like NOAA typically show a range of -4 to +4, but more extreme values are possible.

Crop moisture index: The CMI gives the short-term or current status of purely agricultural drought or moisture surplus and can change rapidly from week to week. The CMI index indicates general conditions and not local variations caused by isolated rain. Input to the calculations include the weekly precipitation total and average temperature, division constants (water capacity of the soil, etc.) and previous history of the indices.

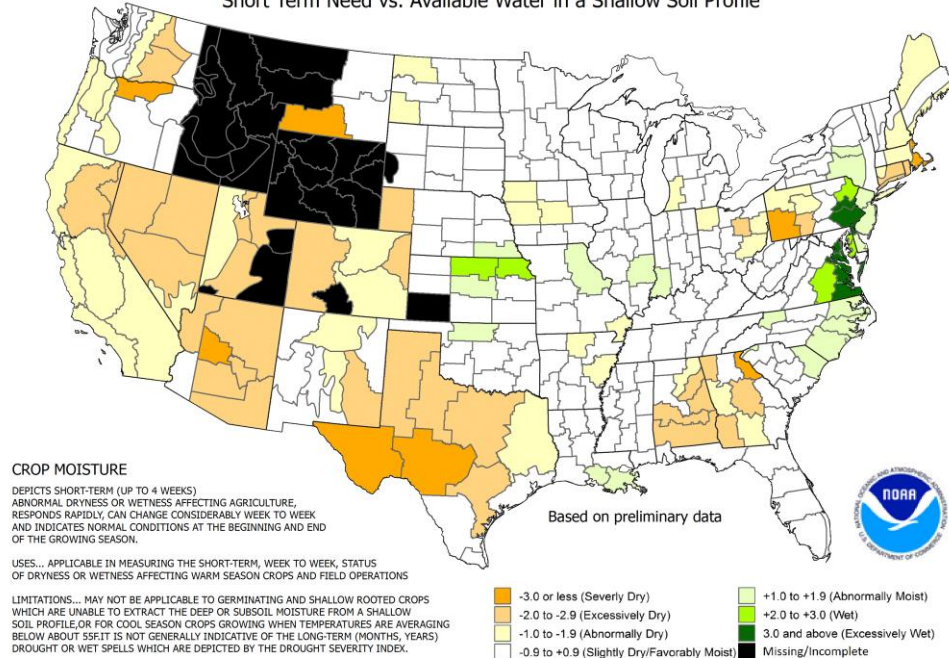
Topsoil moisture: Topsoil Moisture Monitoring maps are based on United States Department of Agriculture state reports of topsoil moisture conditions. Means are calculated from historical weekly data published by USDA/NASS using the closest date to the equivalent date for the year. Results are based on the short and very short percentages of topsoil moisture (upper 6 inches) reported by the USDA. Reports are based on subjective observations.

Vegetation Drought Response Index: VegDRI calculations integrate satellite-based observations of vegetation conditions, climate data, and other biophysical information such as land cover/land use type, soil characteristics, and ecological setting. The VegDRI maps that are produced deliver continuous geographic coverage over large areas, and have inherently finer spatial detail (1-km<sup>2</sup> resolution) than other commonly available drought indicators such as the U.S. Drought Monitor. The state statistics table is located here: <https://vegdrv.unl.edu/Home/VegDRITables.aspx?CT>.

Drought Severity Index by Division  
Weekly Value for Period Ending Aug 08, 2020  
Long Term Palmer

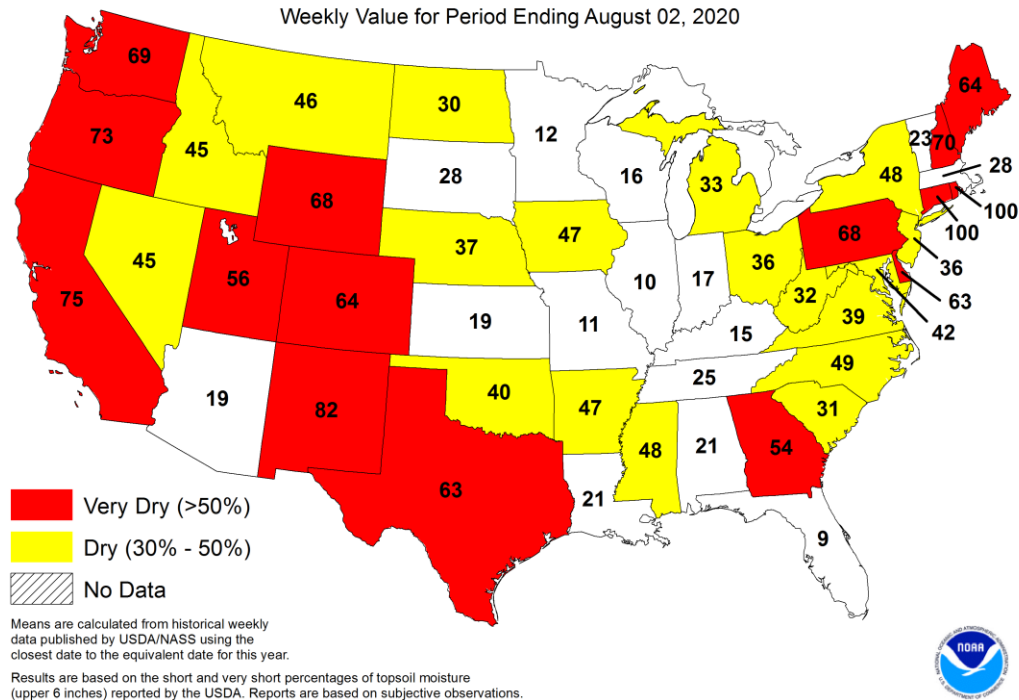


Crop Moisture Index by Division  
Weekly Value for Period Ending Aug 08, 2020  
Short Term Need vs. Available Water in a Shallow Soil Profile





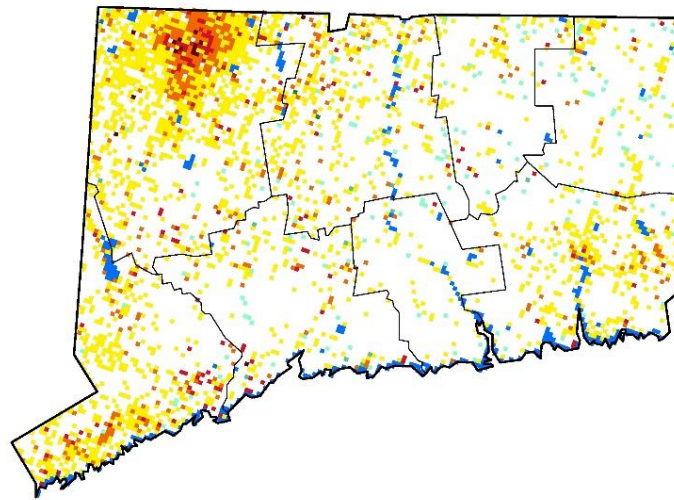
USDA Topsoil Moisture by Short-Very Short  
Percent of State Area  
Weekly Value for Period Ending August 02, 2020



## Vegetation Drought Response Index

Complete: Connecticut

August 2, 2020



### Vegetation Condition

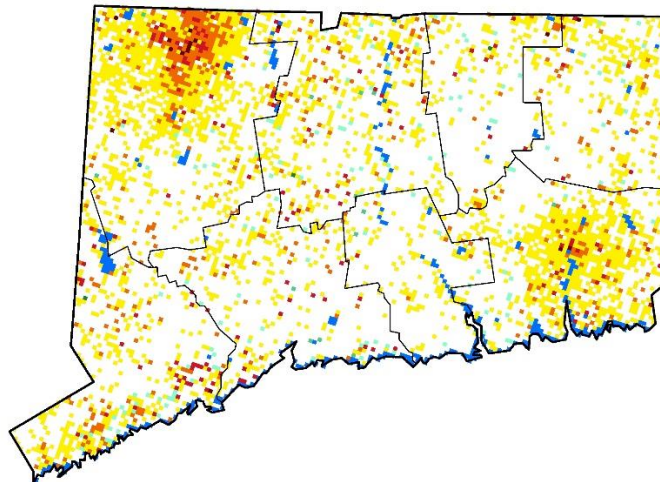
- Extreme Drought
- Severe Drought
- Moderate Drought
- Pre-drought stress
- Near Normal
- Unusually Moist
- Very Moist
- Extreme Moist
- Out of Season
- Water



## Vegetation Drought Response Index

Complete: Connecticut

August 9, 2020



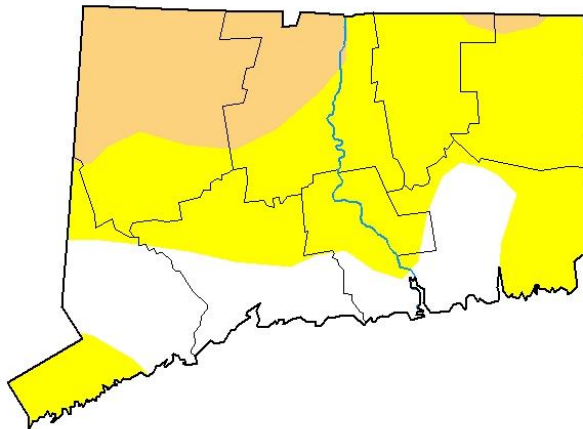
### Vegetation Condition

- Extreme Drought
- Severe Drought
- Moderate Drought
- Pre-drought stress
- Near Normal
- Unusually Moist
- Very Moist
- Extreme Moist
- Out of Season
- Water





## U.S. Drought Monitor Connecticut



**July 28, 2020**  
(Released Thursday, Jul. 30, 2020)  
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	23.12	76.88	20.38	0.00	0.00	0.00
<b>Last Week</b> 07-21-2020	35.41	64.59	19.66	0.00	0.00	0.00
<b>3 Months Ago</b> 04-28-2020	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 12-31-2019	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> 10-01-2019	49.88	50.12	0.00	0.00	0.00	0.00
<b>One Year Ago</b> 07-30-2019	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

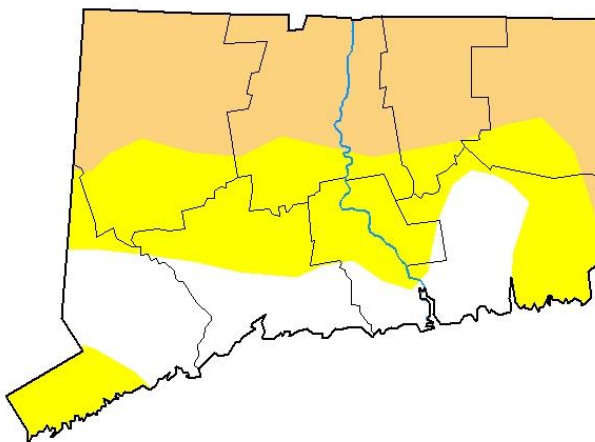
Author:

Richard Heim  
NCEI/NOAA



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

## U.S. Drought Monitor Connecticut



**August 4, 2020**  
(Released Thursday, Aug. 6, 2020)  
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	23.12	76.88	39.53	0.00	0.00	0.00
<b>Last Week</b> 07-28-2020	23.12	76.88	20.38	0.00	0.00	0.00
<b>3 Months Ago</b> 05-05-2020	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Calendar Year</b> 12-31-2019	100.00	0.00	0.00	0.00	0.00	0.00
<b>Start of Water Year</b> 10-01-2019	49.88	50.12	0.00	0.00	0.00	0.00
<b>One Year Ago</b> 08-06-2019	81.79	18.21	0.00	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Brian Fuchs  
National Drought Mitigation Center



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

**From:** [Hoskins, Douglas](#)  
**To:** [Wittchen, Bruce](#); [Lindquist, Eric](#)  
**Cc:** [Fitting, Corinne](#); [Aarrestad, Peter](#); [Hochholzer, Helene](#); [Coleman, William](#); [Trowbridge, Philip](#)  
**Subject:** Interagency Drought Workgroup Update  
**Date:** Tuesday, August 11, 2020 4:21:10 PM  
**Attachments:** [image003.png](#)  
**Importance:** Low

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Below are updates on the indicators that DEEP tracks for the IDW. Please let me know if you have any questions. I'll be on leave on Thursday. Corinne will be covering for me.

#### Quantitative Indicators

##### Fire Danger

- High fire danger for eastern CT, moderate for west. Rain totals over the next two days will determine if it stays at high in east. We saw an uptick of fires in eastern CT the week before the storm, ground fire conditions now exist, making fires stubborn and difficult to extinguish (level subject to change daily, update to be provided at meeting).

#### Qualitative/Auxiliary Indicators

##### Fisheries Issues

- Nothing to report

##### Water Diversions/Well-Field Pumping Issues

- Emergency public water supply interconnection from the Regional Water Authority to Town of Southington has been activated.

#### Doug Hoskins

##### Environmental Analyst III

Water Planning and Management Division

Water Protection and Land Reuse Bureau

Connecticut Department of Energy and Environmental Protection

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[www.ct.gov/deep](http://www.ct.gov/deep)

***Conserving, improving and protecting our natural resources and environment;  
Ensuring a clean, affordable, reliable, and sustainable energy supply.***

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**From:** Trowbridge, Philip <[Philip.Trowbridge@ct.gov](mailto:Philip.Trowbridge@ct.gov)>

**From:** [Szul, Maria](#)  
**To:** [Lindquist, Eric](#)  
**Subject:** Accepted: CT Interagency Drought Workgroup

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Hi Eric, there are no new drought reports to PURA.  
Best, Maria