

Connecticut Drought Conditions Report

Monthly Update for April 2025



Interagency Drought Workgroup

May 8, 2025

Regular Meeting

Stage 2 Drought Trigger Summary by Region – May 7, 2025

	Stage 2 Trigger	Fairfield	Hartford	Litchfield	Middlesex	New Haven	New London	Tolland	Windham	Date of Record
Precipitation (1)	Two-month total below 65% of normal (average)	78% of normal	91% of normal	85% of normal	78% of normal	86% of normal	87% of normal	92% of normal	83% of normal	4/30/2025
Groundwater (2)	Two out of three months below the 25th percentile	50% of stations meet trigger	10% of stations meet trigger	60% of stations meet trigger	16.7% of stations meet trigger	23.1% of stations meet trigger	0% of stations meet trigger	66.7% of stations meet trigger	50% of stations meet trigger	4/30/2025
Streamflow (3)	Two out of three months below the 25th percentile	45.5% of stations meet trigger	45.5% of stations meet trigger	10% of stations meet trigger	0% of stations meet trigger	20% of stations meet trigger	20% of stations meet trigger	0% of stations meet trigger	0% of stations meet trigger	4/30/2025
Reservoirs (4)	Average levels less than 80% of normal	96.86% of normal	99.5% of normal	102.2% of normal	100.67% of normal	97.5% of normal	95.8% of normal	n/a	100% of normal	5/2/2025
Palmer Drought Severity Index (5)	(-2.0 to -2.99)	(-2.9 to 0.9)	(-0.9 to 0.9)	(-1.9 to 0.9)	(-0.9 to 0.9)	(-0.9 to 0.9)	(-1.9 to 0.9)	(-0.9 to 0.9)	(-2.9 to 0.9)	5/3/2025
Crop Moisture Index (6)	(-1.0 to -1.99)	(-0.9 to 1.9)	(1 to 1.9)	(1 to 1.9)	(1 to 1.9)	(-0.9 to 1.9)	(-0.9 to 1.9)	(1 to 1.9)	(-0.9 to 1.9)	5/3/2025
VegDRI (seasonal) (7)	Pre-Drought Conditions	Moderate Drought Conditions	Moderate Drought Conditions	Severe to Moderate Drought Conditions	Moderate Drought Conditions	Moderate Drought Conditions	Moderate Drought Conditions	Moderate Drought Conditions	Moderate Drought Conditions	5/4/2025
Fire Danger (8)	Moderate	Low	Low	Low	Low	Low	Low	Low	Low	5/7/2025
U.S. Drought Monitor (9)	Intensity Level D1-D2	D0-D1	D0-D1	D0	D0	D0	D0	D0-D1	D0	5/1/2025

Key:	Drought trigger met across majority of region	Drought trigger partially met	Drought trigger not met
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State Drought Trigger Summary – May 7, 2025

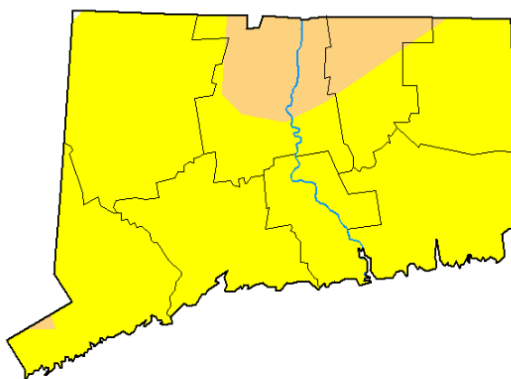
	Stage 2 Trigger	Stage 3 Trigger	Stage 4 Trigger	Stage 5 Trigger	Current Conditions
Precipitation (1)	Two-month total below 65% of normal (average)	Three-month total below 65% of normal (average)	Five-month total below 65% of normal (average)	Seven-month total below 65% of normal (average)	Stage 5 Trigger met in all counties except New Haven and New London. No other drought triggers have been met.
Groundwater (2)	Two out of three months below the 25th percentile	Four consecutive months below the 25th percentile	Six consecutive months below the 25th percentile	Eight consecutive months below the 25th percentile	Stage 2 Trigger met in Tolland. Stage 2 Trigger partially met in Fairfield, Litchfield, New Haven, and Windham counties. Stage 3 Trigger met in Tolland. Stage 3 Trigger partially met in Fairfield, Litchfield, New Haven, and Windham counties.
Streamflow (3)	Two out of three months below the 25th percentile	Four out of five months below the 25th percentile	Six out of seven months below the 25th percentile	Seven consecutive months below the 25th percentile	Stage 2 Trigger partially met in Fairfield, Hartford, New Haven and New London Counties. Stage 3 Trigger partially met in Fairfield, Hartford and New Haven counties.
Reservoirs (4)	Average levels less than 80% of normal	Average levels less than 70% of normal	Average levels less than 60% of normal	Average levels less than 50% of normal or less than 50 days of supply	Reservoir levels are averaging between 95.8-102.2% of normal. The state average is 98.93%
Palmer Drought Severity Index (5)	(-2.0 to -2.99)	(-3.0 to -3.99)	(-4 or less)	(-4 or less)	Overall, the state is near normal (-0.9 to 0.9) with some spots of moderate (-1 to -1.9) and severe (-2 to -2.9) drought
Crop Moisture Index (6)	(-1.0 to -1.99)	(-2.0 to -2.99)	(-3 or less)	(-3 or less)	Much of the state is between 1 to 1.9, while the remaining coastal portion of the state is between -0.9 to 0.9.
VegDRI (seasonal) (7)	Pre-Drought Conditions	Moderate Drought Conditions	Severe Drought Conditions	Extreme Drought Conditions	The majority of the state is in Moderate Drought, with a portion of the northwest corner in Severe Drought.
Fire Danger (8)	Moderate	High	Very High	Extreme	Low as of 5/7/25 - Fire Danger has oscillated between Low, Moderate, High and Very High throughout April
U.S. Drought Monitor (9)	Intensity Level D1-D2	Intensity Level D2-D3	Intensity Level D3-D4	Intensity Level D4	Currently, 11.95% of the state is classified as D1 (Moderate Drought), and 88.0% of the state is classified as D0 (Abnormally Dry)

Key:	Drought trigger met across majority of region	Drought trigger partially met	Drought trigger not met
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Methodology:
(1) Based on monthly precipitation averaged by region, calculated by National Weather Service (NWS).
(2) Based on monthly assessment of groundwater stations by region, calculated by United States Geological Survey (USGS). Region is identified as meeting trigger when $\geq 65\%$ of stations in the region meet the threshold. Region is identified as partially meeting trigger when $\geq 20\%$ of stations in the region meet the threshold.
(3) Based on monthly assessment of stream gauge stations by region, calculated by USGS. Region is identified as meeting trigger when $\geq 65\%$ of stations in the region meet the threshold. Region is identified as partially meeting trigger when $\geq 20\%$ of stations in the region meet the threshold.
(4) Based on latest available reservoir status reports obtained from public water suppliers and compiled by CT Department of Public Health Drinking Water Section.
5) Calculated by Climate Prediction Center (CPC) for each State Climate Division and extrapolated to county. Northwestern Climate Division reflective of Litchfield county, Central Climate Division reflective of Hartford, Tolland, Windham counties. Average of Central Climate Division and Coastal Climate Division for Fairfield, New Haven, Middlesex, New London counties.
6) Calculated by CPC for each State Climate Division and extrapolated to county. Northwestern Climate Division reflective of Litchfield county, Central Climate Division reflective of Hartford, Tolland, Windham counties. Average of Central Climate Division and Coastal Climate Division for Fairfield, New Haven, Middlesex, New London counties.
(7) Based on visual assessment of geographic extent of each VegDri drought designation in each region, calculated by the National Drought Mitigation Center in collaboration with USGS.
(8) Based on daily forest fire danger report from CT DEEP Bureau of Natural Resources, Division of Forestry.
(9) Based on analysis of most recent edition of the U.S. Drought Monitor, produced by the National Drought Mitigation Center

U.S. Drought Monitor (USDM): The state of Connecticut has had some drought classification via the USDM since September 24, 2024. The maps included are from the weeks of May 1st, April 24th, April 8th, and April 1st. Drought conditions have improved since the beginning of the month, removing D1 status first from the Northwest corner of the state, and then from the central portion of the state. Currently, 11.95% of the state is classified as D1 (Moderate Drought), and 88.0% of the state is classified as D0 (Abnormally Dry)

U.S. Drought Monitor Connecticut



April 29, 2025

(Released Thursday, May. 1, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.05	99.95	11.95	0.00	0.00	0.00
Last Week 04-22-2025	0.05	99.95	11.80	0.00	0.00	0.00
3 Months Ago 01-28-2025	0.00	100.00	94.83	10.14	0.00	0.00
Start of Calendar Year 01-01-2025	0.00	100.00	94.83	10.14	0.00	0.00
Start of Water Year 10-01-2024	36.34	63.66	0.00	0.00	0.00	0.00
One Year Ago 04-30-2024	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>

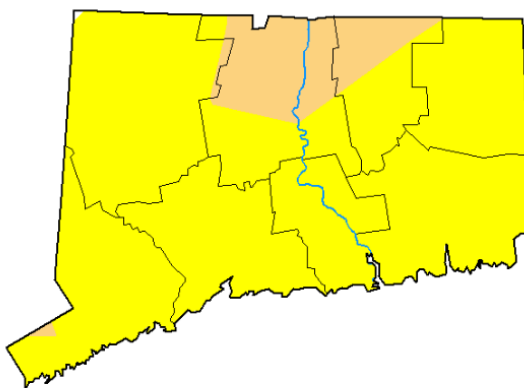
Author:

Richard Tinker
CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu

U.S. Drought Monitor Connecticut



April 22, 2025

(Released Thursday, Apr. 24, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.05	99.95	11.80	0.00	0.00	0.00
Last Week 04-15-2025	0.05	99.95	11.80	0.00	0.00	0.00
3 Months Ago 01-21-2025	0.00	100.00	94.83	10.13	0.00	0.00
Start of Calendar Year 01-01-2025	0.00	100.00	94.83	10.14	0.00	0.00
Start of Water Year 10-01-2024	36.34	63.66	0.00	0.00	0.00	0.00
One Year Ago 04-23-2024	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

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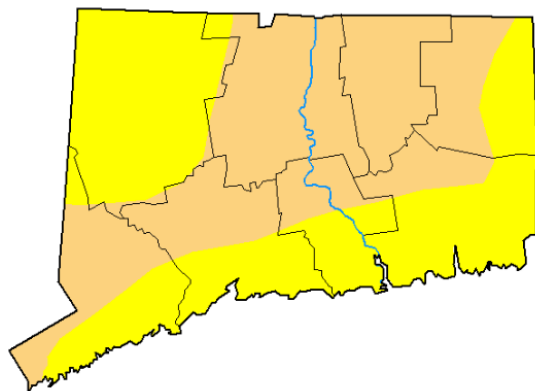
Author:

Richard Tinker
CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu

U.S. Drought Monitor Connecticut



April 8, 2025
(Released Thursday, Apr. 10, 2025)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	50.58	0.00	0.00	0.00
Last Week 04-01-2025	0.00	100.00	68.64	0.00	0.00	0.00
3 Months Ago 01-01-2025	0.00	100.00	94.83	10.14	0.00	0.00
Start of Calendar Year 01-01-2025	0.00	100.00	94.83	10.14	0.00	0.00
Start of Water Year 10-01-2024	36.34	63.66	0.00	0.00	0.00	0.00
One Year Ago 04-08-2024	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

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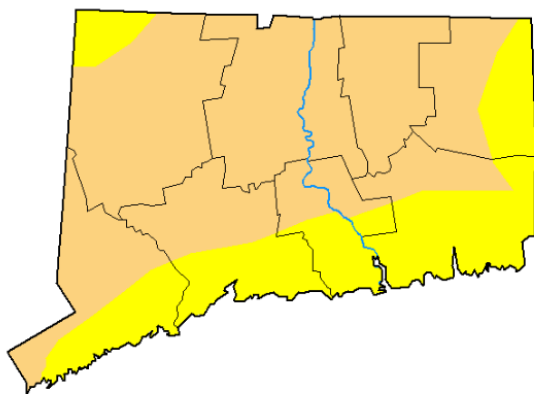
Author:

David Simerali
Western Regional Climate Center



droughtmonitor.unl.edu

U.S. Drought Monitor Connecticut



April 1, 2025

(Released Thursday, Apr. 3, 2025)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	68.64	0.00	0.00	0.00
Last Week 03-25-2025	0.00	100.00	78.14	0.00	0.00	0.00
3 Months Ago 12-31-2024	0.00	100.00	99.24	46.17	0.00	0.00
Start of Calendar Year 01-01-2025	0.00	100.00	94.83	10.14	0.00	0.00
Start of Water Year 10-01-2024	36.34	63.66	0.00	0.00	0.00	0.00
One Year Ago 04-02-2024	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

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Author:

David Simerali
Western Regional Climate Center



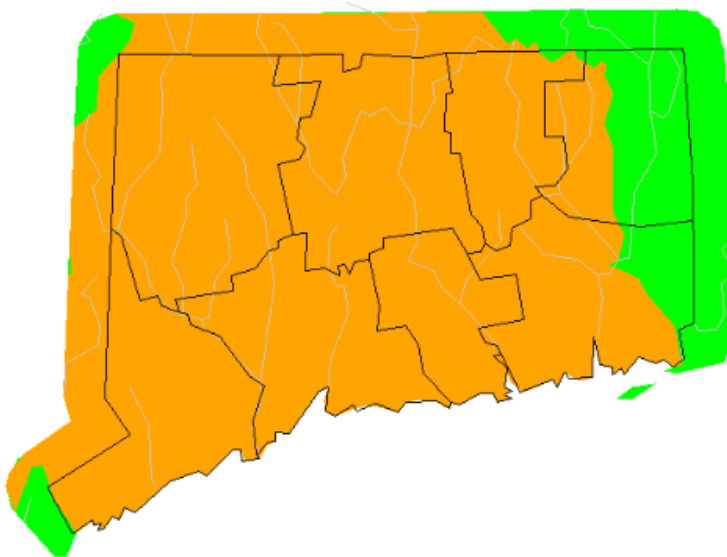
droughtmonitor.unl.edu

Streamflow Levels (via USGS): The map below conveys the 28-day average streamflow as of April 29th . The map below illustrates streamflow levels mostly at Below normal levels and some at Normal levels for this time of year.

Map of 28-day average streamflow compared to historical streamflow for the day of the year (Connecticut)

Connecticut ▼ or Water-Resources Regions ▼

Tuesday, April 29, 2025

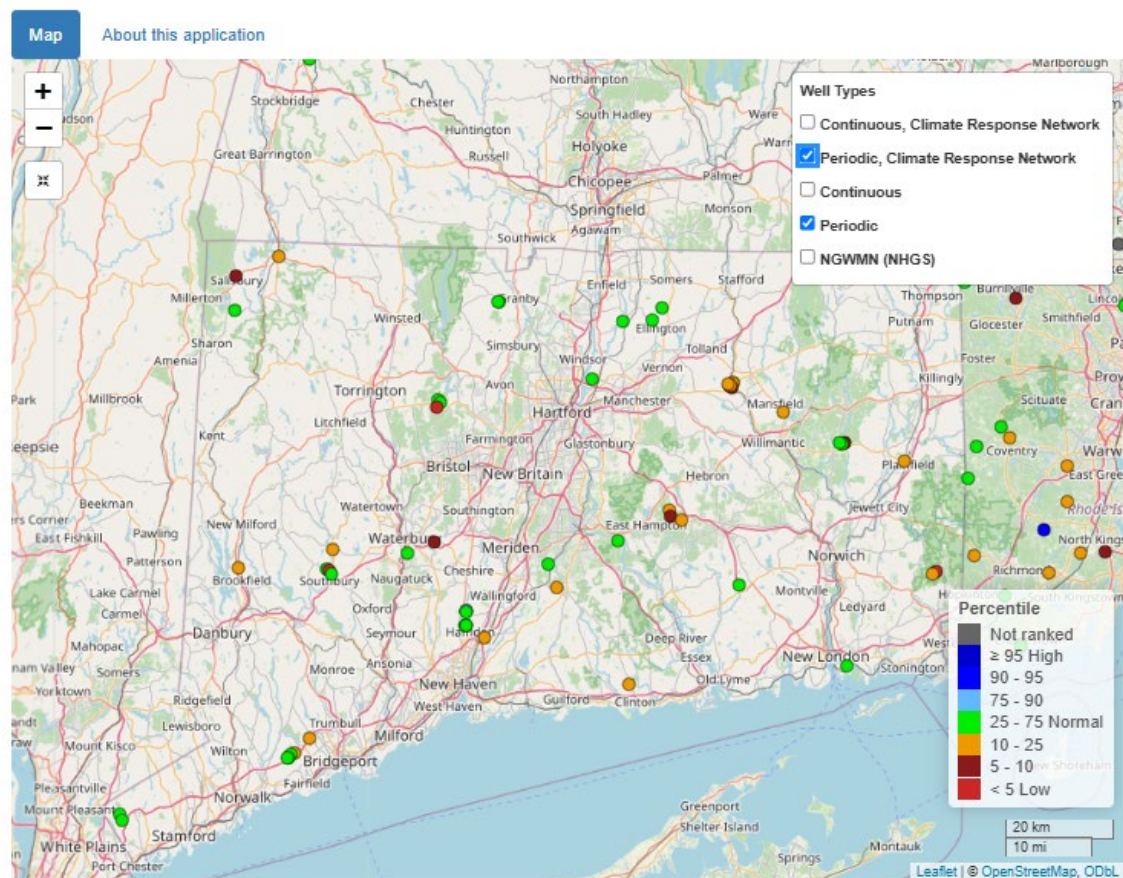


Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Groundwater Levels (via USGS): The following maps are from April 30th – the first map displays periodic monitored wells, while the second map displays continuously monitored wells. The first map shows many wells at normal (25-75%), some wells below normal (10-25%) and a few wells much below normal (5-10%) levels. The second map shows mostly below normal (10-25%) wells.

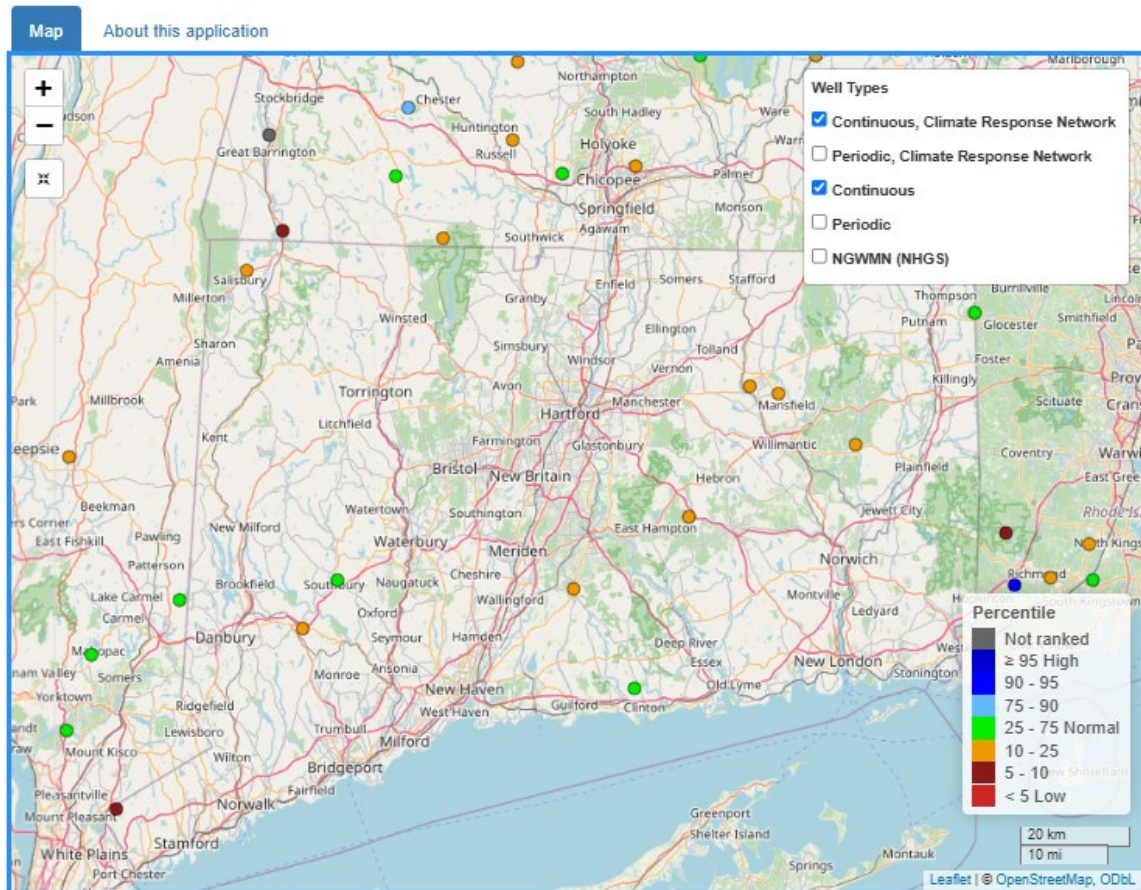
Groundwater Levels in New England

Recent conditions relative to historical monthly statistics



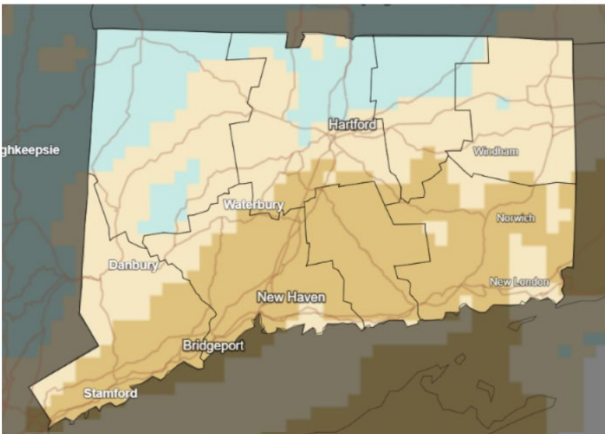
Groundwater Levels in New England

Recent conditions relative to historical monthly statistics

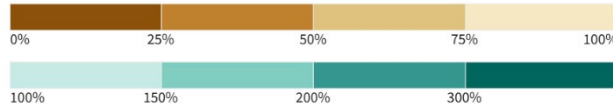


April Precipitation: Below are 30-Day and 60-Day Percent of Normal Precipitation maps dated April 26th illustrating near normal conditions within the last month and over the last two months. Over the last month, percent of normal precipitation ranged between 66-88% of normal across the state. The state average was 77.75% of normal precipitation.

30-Day Percent of Normal Precipitation



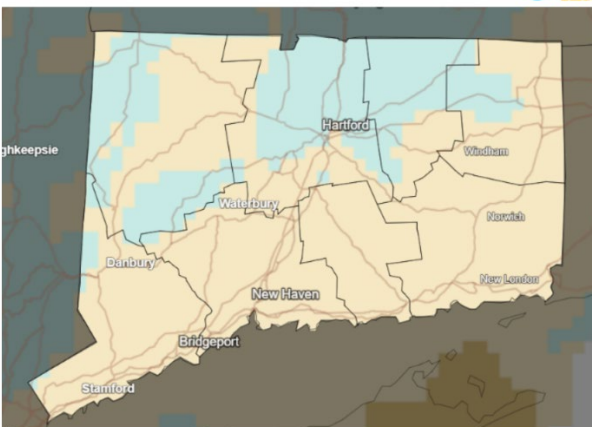
Percent of Normal Precipitation (%)



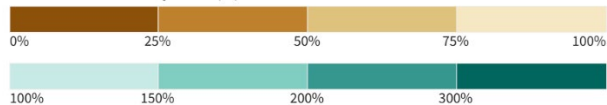
Source(s): UC Merced
Data Valid: 04/26/25

Drought.gov

60-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): UC Merced
Data Valid: 04/26/25

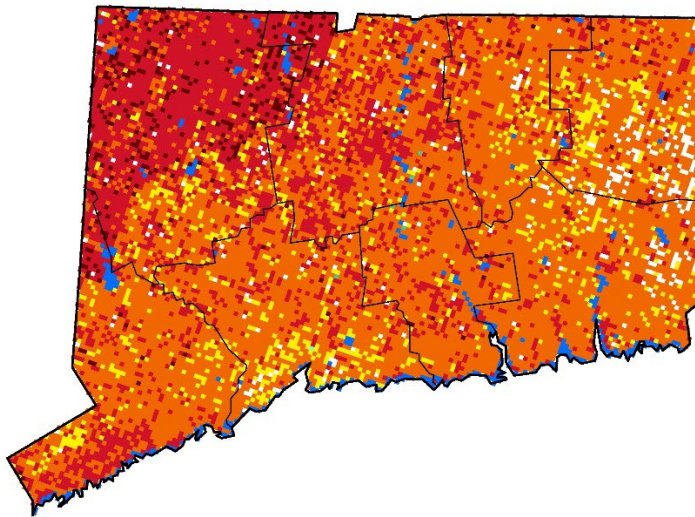
Drought.gov

Vegetation Drought Response Index (VegDRI): The VegDRI for Connecticut began coming back into season in early April, gradually returning for the full state by mid-April. The maps below are dated May 4th, April 27th, April 20th and April 13th. The most recent maps show the majority of the state in Moderate Drought, with a portion of the northwest corner in Severe Drought.

Vegetation Drought Response Index

Complete: Connecticut

May 4, 2025



Vegetation Condition

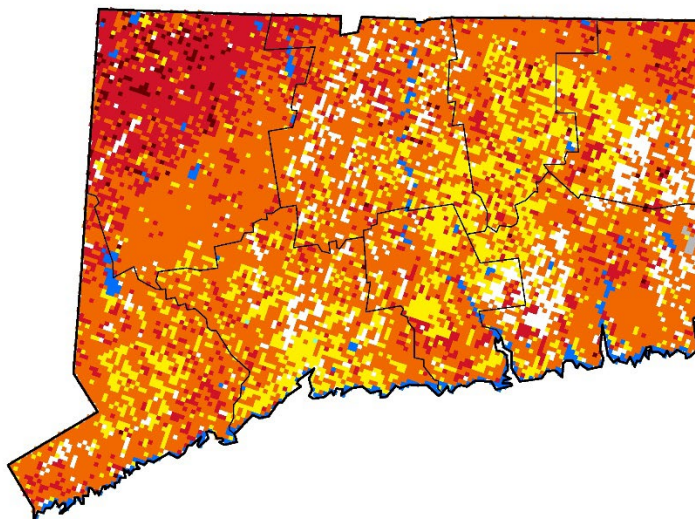
- Extreme Drought
- Severe Drought
- Moderate Drought
- Pre-drought stress
- Near Normal
- Unusually Moist
- Very Moist
- Extreme Moist
- Out of Season
- Water



Vegetation Drought Response Index

Complete: Connecticut

April 27, 2025



Vegetation Condition

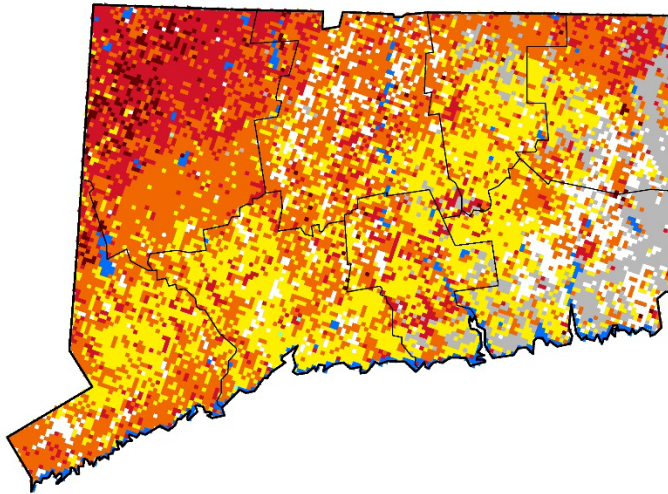
- Extreme Drought
- Severe Drought
- Moderate Drought
- Pre-drought stress
- Near Normal
- Unusually Moist
- Very Moist
- Extreme Moist
- Out of Season
- Water



Vegetation Drought Response Index

Complete: Connecticut

April 20, 2025



Vegetation Condition

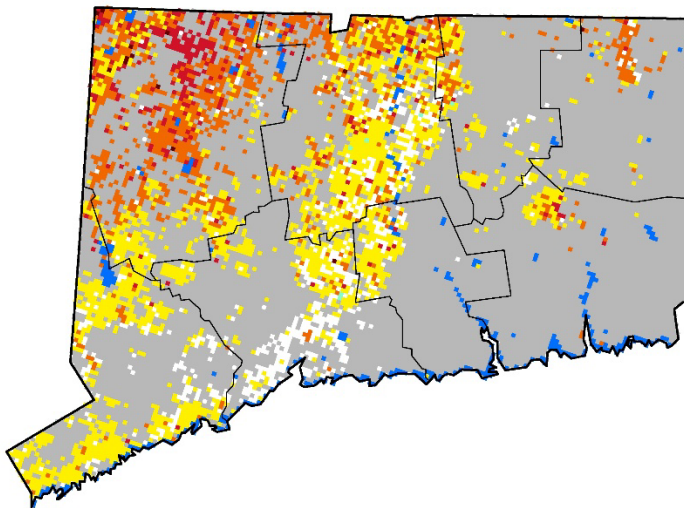
- Extreme Drought
- Severe Drought
- Moderate Drought
- Pre-drought stress
- Near Normal
- Unusually Moist
- Very Moist
- Extreme Moist
- Out of Season
- Water



Vegetation Drought Response Index

Complete: Connecticut

April 13, 2025

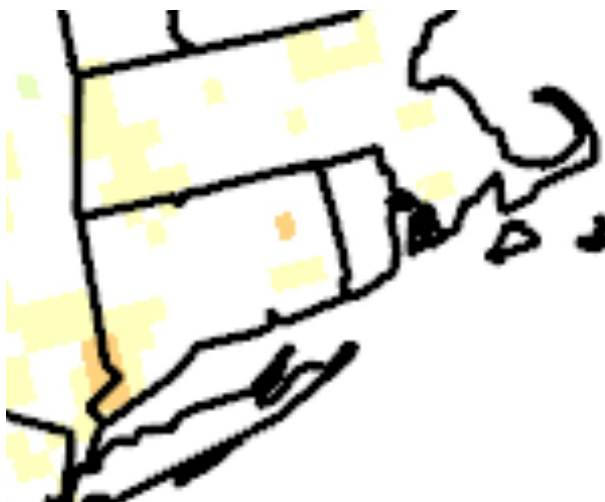
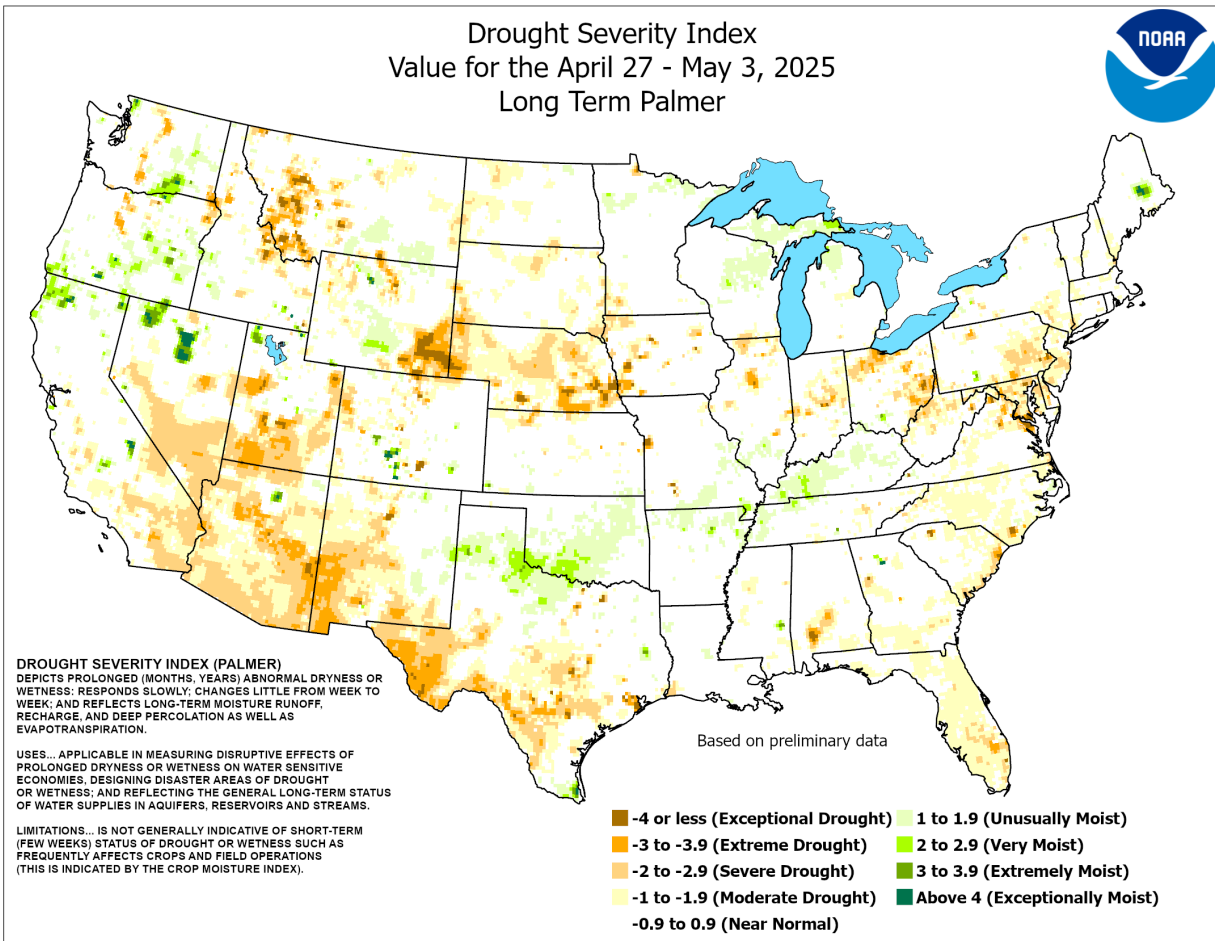


Vegetation Condition

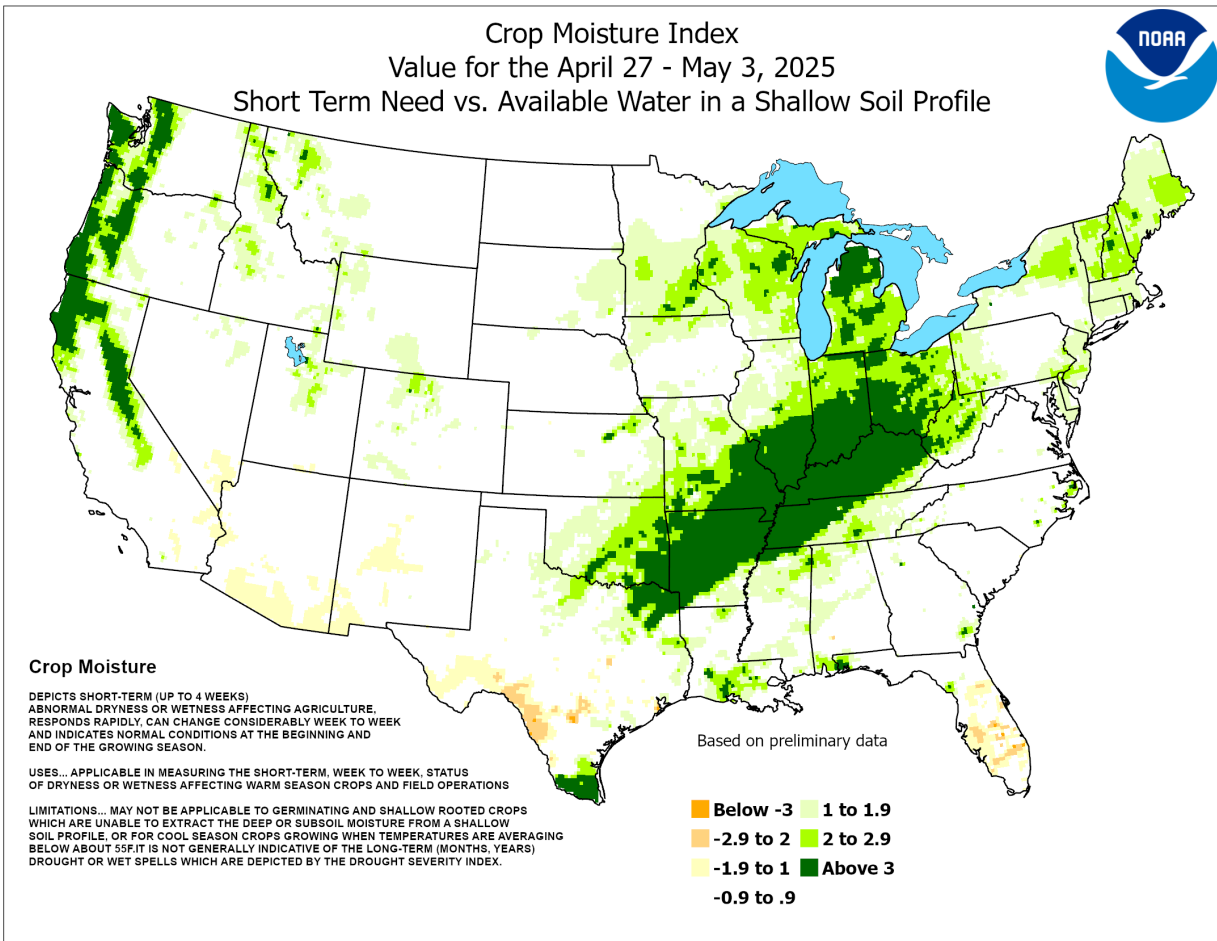
- Extreme Drought
- Severe Drought
- Moderate Drought
- Pre-drought stress
- Near Normal
- Unusually Moist
- Very Moist
- Extreme Moist
- Out of Season
- Water



Palmer Drought Severity Index: The first map demonstrates the Palmer Drought Severity Index across the contiguous United States. The second map is a zoomed-in version of the same map, to better highlight Connecticut. Overall, the state appears to be near normal, with some spots in moderate and severe drought.



Crop Moisture Index: The first map demonstrates the Crop Moisture Index across the contiguous United States. The second map is a zoomed-in version of the same map, to better highlight Connecticut. Much of the state is between 1 to 1.9, while the remaining coastal portion of the state is between -0.9 to 0.9.



Fire Danger Levels from CT DEEP:

CT DEEP Forestry monitors wildfire conditions regularly and moves to a daily measurement when conditions are drier and the risk of wildfires is greater. In order, their fire danger ranking scheme is: **LOW, MODERATE, HIGH, VERY HIGH, AND EXTREME**. According to CT DEEP Forestry, wildfire danger levels in the state were as follows for the month of April:

- 4/1/25 – 4/2/25: **MODERATE**
- 4/3/25: **LOW**
- 4/4/25: **MODERATE**
- 4/5/25 – 4/7/25: **LOW**
- 4/8/25: **HIGH**
- 4/9/25 – 4/10/25: **MODERATE**
- 4/11/25 – 4/13/25: **LOW**
- 4/14/25: **MODERATE**
- 4/15/25: **LOW**
- 4/16/25 – 4/21/25: **HIGH**
- 4/22/25: **MODERATE**
- 4/23/25 – 4/25/25: **HIGH**
- 4/26/25: **LOW**
- 4/27/25: **MODERATE**
- 4/28/25: **HIGH**
- 4/29/25: **VERY HIGH**
- 4/30/25 – 5/1/25: **HIGH**
- 5/2/25: **MODERATE**
- 5/3/25: **HIGH**
- 5/4/25 – 5/7/25: **LOW**

Surface Reservoir Capacity Measurements and Trends

5/2/2025 Update

Abnormally dry and D1 classifications remain despite precipitation improvement!

Thirty-three 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

18

-1 since last week

State Average Percent Full

95.8%

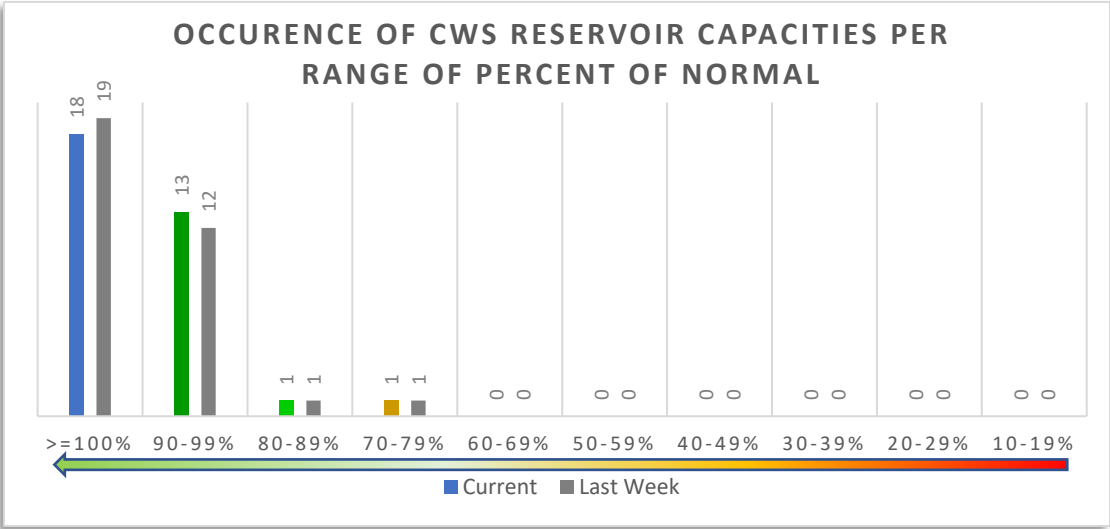
95.8% since last week

Average Percent of Normal

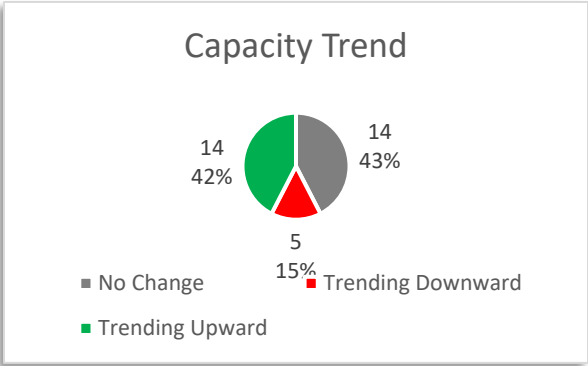
98.6%

98.6% since last week

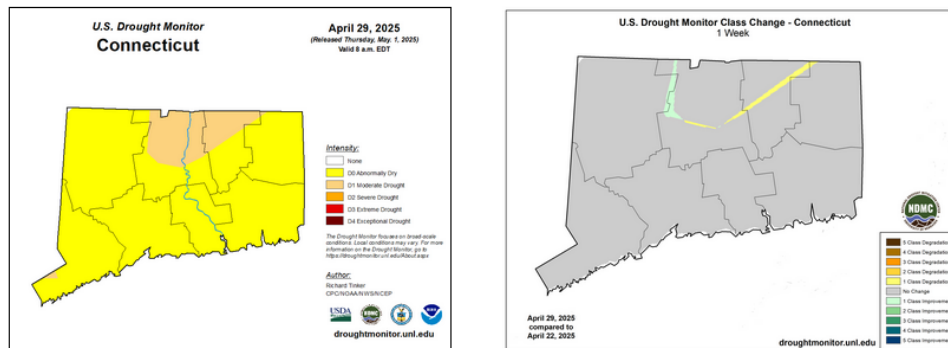
- 13 reservoir systems have reported that they are currently 100% full. (-1 since last week)



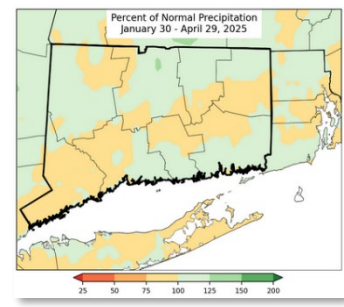
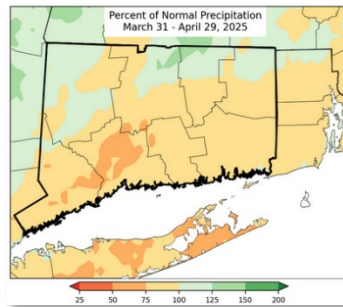
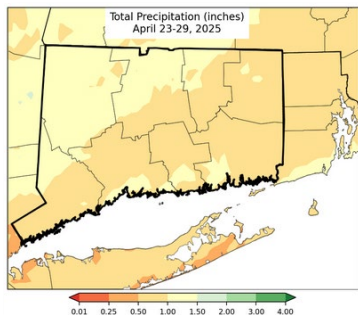
- The gray bars indicate last week’s measurements, and the colored bar is the current measurement. In non-drought conditions, the graph above would have all of the systems in the >=100% of normal column (n=34).
- 14 systems’ short-term week to week trend is upward (No change since last week). 5 systems are trending downward in capacity from their previous measurements (+1 since last week). 14 systems have had no change in capacity (-1 since 2 weeks ago).
- Danbury Water is in their 2nd drought stage.



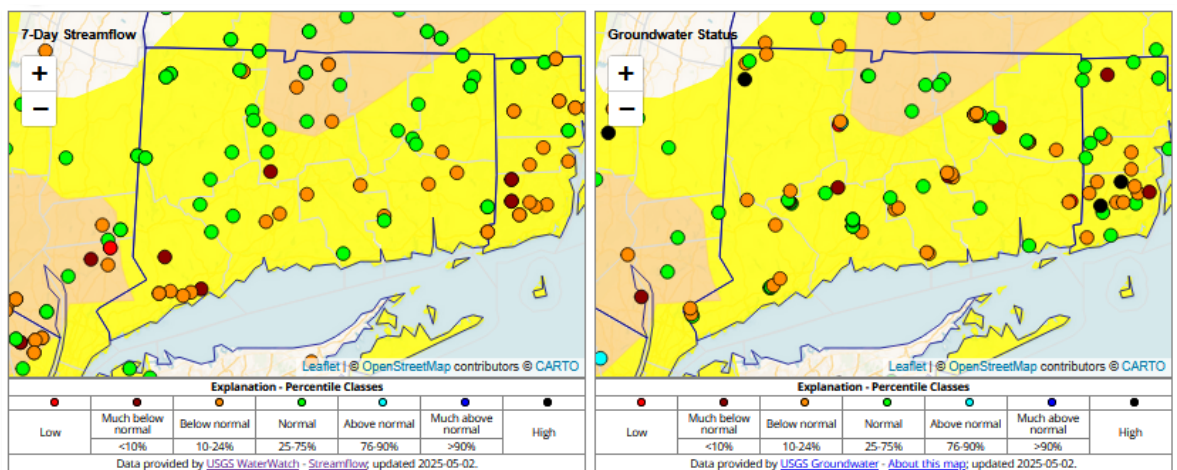
- **US Drought Monitor:** – US Drought Monitor made one small classification improvement and one classification degradation surrounding the D1 area in CT.
- <https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CT>



- Last USDM week (between April 23rd and April 29th), CT received anywhere from 0.5 to 1.5 inches of rain. (Map 1). The 30-day Percent of Normal Precipitation map shows slightly below normal to above normal precipitation across the state (Map 2). The long-term trend over the last 90 days still shows near normal rainfall for the majority of CT (Map 3). The 7-Day Streamflow map shows below normal stream flows in several areas of CT with other areas indicating normal conditions. Real time monitoring groundwater wells show a mix of well level statuses which includes much below normal to normal conditions.



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
CT0150011	Aquarion Water Co of CT-Main System	4/6/2025	92.50	No Drought Stage	↑	98.30	94	3/30/2025	90.80	FAIRFIELD
CT0340011	Danbury Water Department	4/20/2025	91.70	Drought Advisory	↑	96.80	95	4/13/2025	90.20	FAIRFIELD
CT1350011	Aquarion Water Co of CT-Stamford	4/6/2025	89.90	No Drought Stage	↑	94.30	95	3/30/2025	83.50	FAIRFIELD
CT1030021	South Norwalk Electric & Water	4/28/2025	95.20	No Drought Stage	--	98.60	97	4/21/2025	95.20	FAIRFIELD
CT1030011	Norwalk First Taxing District	4/27/2025	94.80	No Drought Stage	↑	97.30	97	4/20/2025	94.10	FAIRFIELD
CT0570011	Aquarion Water Co of CT-Greenwich Syster	4/6/2025	95.80	No Drought Stage	↑	97.30	98	3/30/2025	91.80	FAIRFIELD
CT0090011	Bethel Water Dept	4/27/2025	100.00	No Drought Stage	--	98.40	102	4/20/2025	100.00	FAIRFIELD
CT0473011	CTWC - Northern Reg-Western System	4/24/2025	90.70	No Drought Stage	↑	97.40	93	4/17/2025	89.70	HARTFORD
CT0890011	New Britain Water Department	4/24/2025	87.80	No Drought Stage	↓	90.50	97	4/17/2025	87.90	HARTFORD
CT0770021	Manchester Water Department	4/27/2025	99.60	No Drought Stage	↓	100.40	99	4/20/2025	99.70	HARTFORD
CT0170011	Bristol Water Department	4/27/2025	98.70	No Drought Stage	↑	97.40	101	4/26/2025	98.60	HARTFORD
CT0640011	Metropolitan District Commission	4/27/2025	98.60	No Drought Stage	↑	95.40	103	4/20/2025	98.20	HARTFORD
CT1310011	Southington Water Department	4/26/2025	100.00	No Drought Stage	--	96.20	104	4/19/2025	100.00	HARTFORD
CT1220011	Aquarion Water Co of CT-Salisbury Sys	4/6/2025	99.80	No Drought Stage	↓	99.50	100	3/30/2025	100.00	LITCHFIELD
CT1620011	Winsted Water Works	4/27/2025	100.00	No Drought Stage	--	100.00	100	4/20/2025	100.00	LITCHFIELD
CT0980011	Aquarion Water Co of CT-Norfolk System	4/6/2025	100.00	No Drought Stage	--	99.80	100	3/30/2025	100.00	LITCHFIELD
CT1250011	Sharon Water & Sewer Commission	3/8/2025	100.00	No Drought Stage	--	95.30	105	3/1/2025	100.00	LITCHFIELD
CT1430011	Torrington Water Company	4/6/2025	100.00	No Drought Stage	--	94.40	106	3/30/2025	100.00	LITCHFIELD
CT0830011	Middletown Water Department	3/29/2025	92.90	No Drought Stage	↓	95.50	97	3/22/2025	96.20	MIDDLESEX
CT0261031	CTWC - Shoreline Region-Chester System	4/24/2025	100.00	No Drought Stage	--	99.30	101	4/17/2025	100.00	MIDDLESEX
CT0830021	Connecticut Valley Hospital	4/14/2025	100.00	No Drought Stage	--	96.00	104	4/7/2025	100.00	MIDDLESEX
CT0800011	Meriden Water Division	2/23/2025	80.20	No Drought Stage	↑	93.50	86	2/16/2025	78.60	NEW HAVEN
CT0930011	Regional Water Authority	4/20/2025	92.80	No Drought Stage	↑	96.00	97	4/13/2025	92.30	NEW HAVEN
CT1510011	Waterbury Water Department	4/13/2025	97.60	No Drought Stage	↑	98.20	99	4/6/2025	97.30	NEW HAVEN
CT0608011	CTWC - Shoreline Region-Guilford System	4/24/2025	100.00	No Drought Stage	--	99.90	100	4/17/2025	100.00	NEW HAVEN
CT0880011	CTWC - Naugatuck Region-Central System	4/24/2025	100.00	No Drought Stage	--	99.00	101	4/17/2025	100.00	NEW HAVEN
CT1480011	Wallingford Water Department	4/25/2025	94.80	No Drought Stage	↑	93.30	102	4/18/2025	93.60	NEW HAVEN
CT1370011	Aquarion Water Co of CT-Mystic	4/6/2025	78.10	No Drought Stage	↑	99.30	79	3/30/2025	76.40	NEW LONDON
CT0950011	New London Dept. of Public Utilities	4/27/2025	88.30	No Drought Stage	↑	89.20	99	4/20/2025	87.50	NEW LONDON
CT0590011	Groton Utilities	4/21/2025	99.80	No Drought Stage	↓	99.30	100	4/14/2025	100.00	NEW LONDON
CT0580011	Jewett City Water Company	4/21/2025	100.00	No Drought Stage	--	100.00	100	4/14/2025	100.00	NEW LONDON
CT1040011	Norwich Public Utilities	4/26/2025	100.00	No Drought Stage	--	99.40	101	4/19/2025	100.00	NEW LONDON
CT1630011	Windham Water Works	4/27/2025	100.00	No Drought Stage	--	100.00	100	4/20/2025	100.00	WINDHAM

	95.75		97.13	98.58	Ave Percent of Normal by County				
↑	-Increase since last measurement (less than 10% increase)			Number of systems:			96.86 FAIRFIELD		
↑↑	-Increase since last measurement (10% or greater increase)			Greater than or equal to 100% of Normal			1899.50 HARTFORD		
↓	-Decrease since last measurement (less than 10% decrease)			Between 90% and 99% of Normal			13102.20 LITCHFIELD		
↓↓	-Decrease since last measurement (10% or greater decrease)			Less than 90% of Normal			2100.67 MIDDLESEX		
--	- Same measurement as the previous measurement			At 100% Full			1397.50 NEW HAVEN		
							#REF!	95.80 NEW LONDON	TOLLAND



U.S. Geological Survey

**Status of streamflow
and groundwater levels,
as of end of April 2025**

Name	Total	Number of wells below normal	Number of wells below normal for 2 out of last 3 months	Number of wells below normal for 4 or more consecutive months	Percent below normal	Percent stage 2	Percent stage 3
Fairfield	10	6	5	4	60	50	40
Hartford	10	5	1	1	50	10	10
Litchfield	5	3	3	3	60	60	60
Middlesex	6	4	1	1	66.7	16.7	16.7
New Haven	13	5	3	3	38.5	23.1	23.1
New London	5	3	0	0	60	0	0
Tolland	12	10	8	8	83.3	66.7	66.7
Windham	6	4	3	2	66.7	50	33.3

END OF APRIL 2025 GROUNDWATER SUMMARY BY COUNTY

Name	Total	Number of streamgages below normal	Number of streamgages below normal for 2 out of last 3 months	Number of streamgages below normal for 4 out of last 5 months	Percent below normal	Percent stage 2	Percent stage 3
Fairfield	11	5	5	3	45.5	45.5	27.3
Hartford	11	3	5	4	27.3	45.5	36.4
Litchfield	10	1	1	0	10	10	0
Middlesex	4	0	0	0	0	0	0
New Haven	5	1	1	1	20	20	20
New London	5	0	1	0	0	20	0
Tolland	1	0	0	0	0	0	0
Windham	9	0	0	0	0	0	0

APRIL 2025 STREAMFLOW SUMMARY BY COUNTY



CT Interagency Drought Workgroup NWS Update

Thursday, May 8th, 2025

Prepared by: NWS WFO Boston, MA

April Precipitation

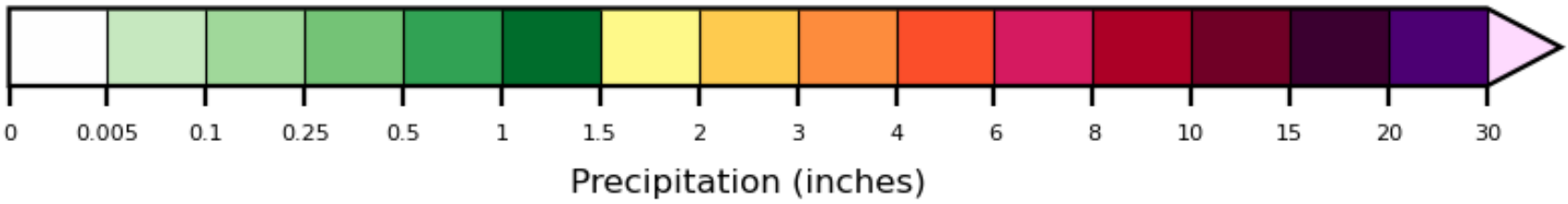
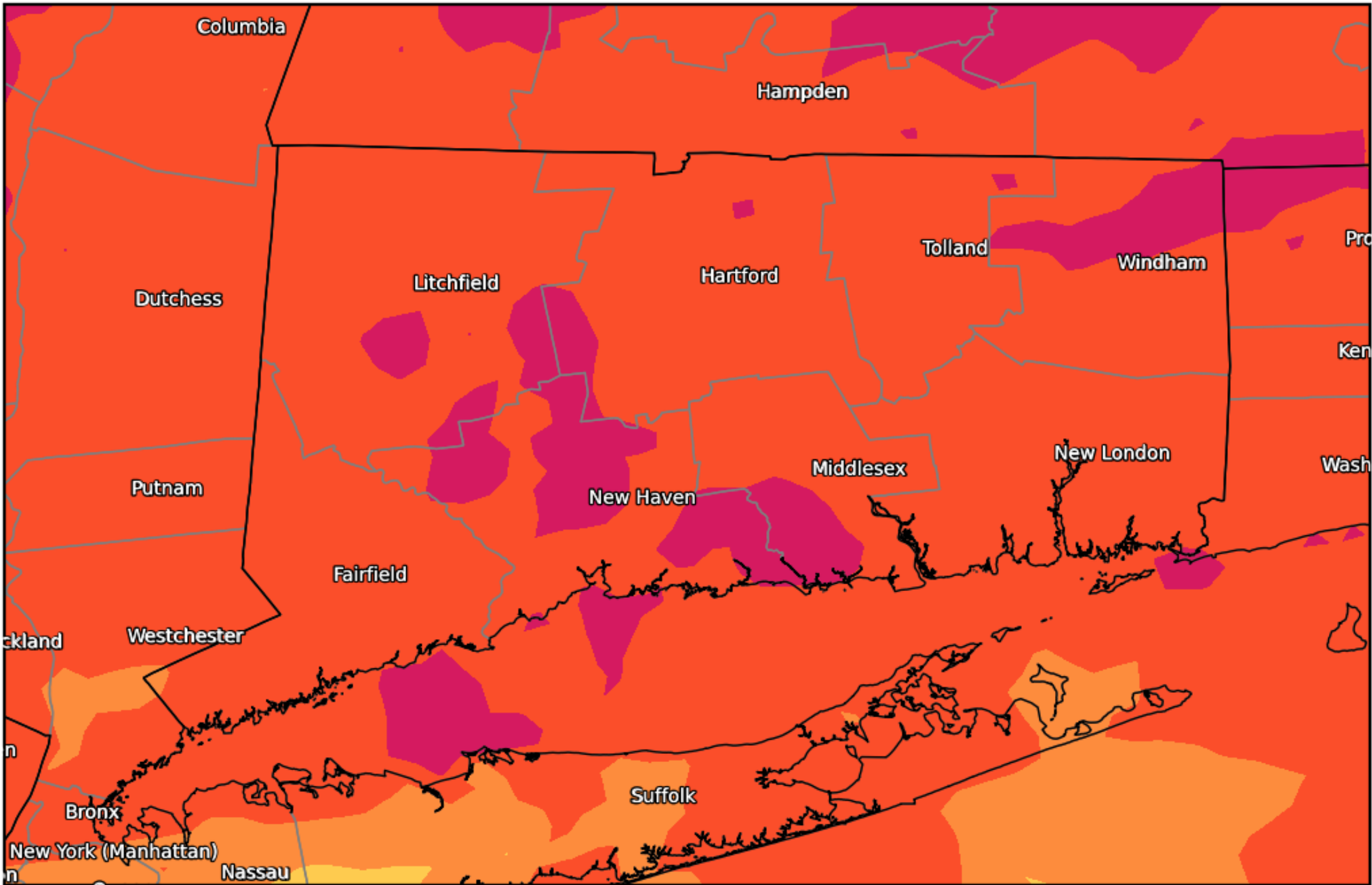
Includes May 1st observation which covers 7AM 4/30 – 7AM 05/01



Boston/Norton MA
WEATHER FORECAST OFFICE

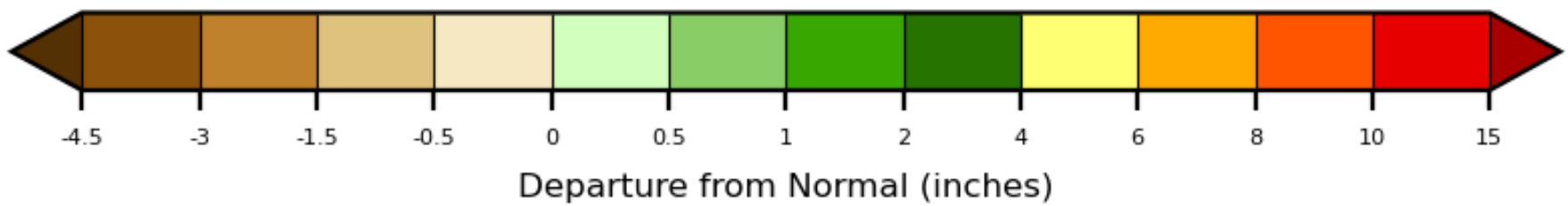
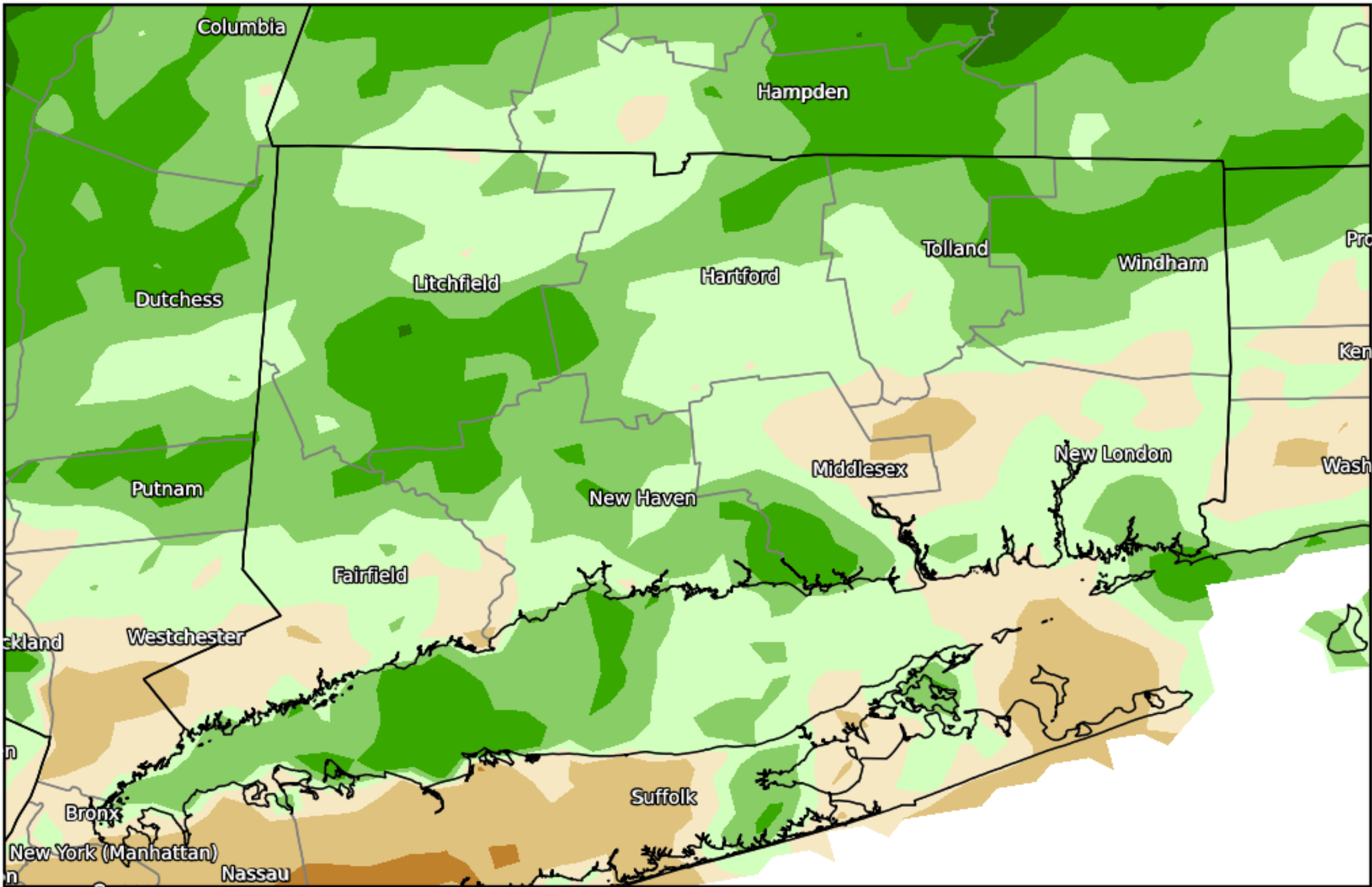
4-5” of rainfall across CT

Accumulated Precipitation (inches)
April 01, 2025 to May 01, 2025



Departures generally 0-2” above normal

Precipitation Departure from Normal (inches)
April 01, 2025 to May 01, 2025



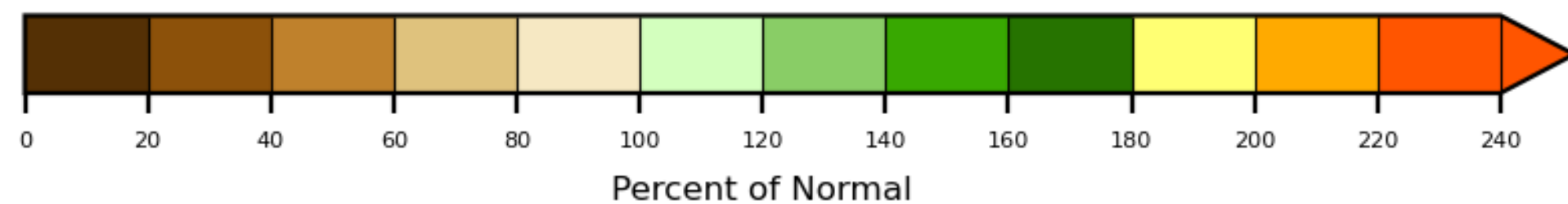
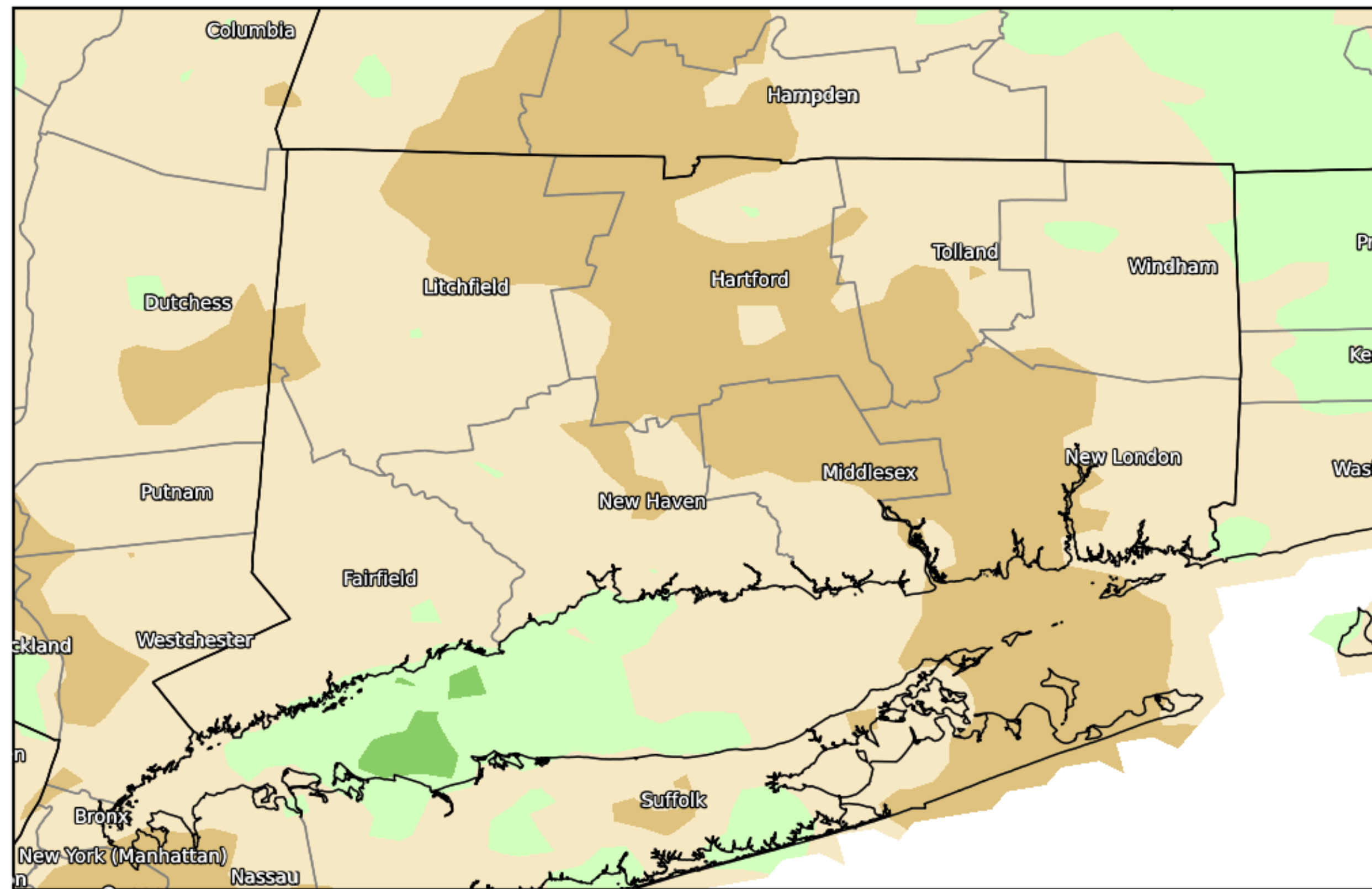
3 and 6 Month Percent of Normal Precip

60-100 % of normal last 3 months. Near normal last 6 months

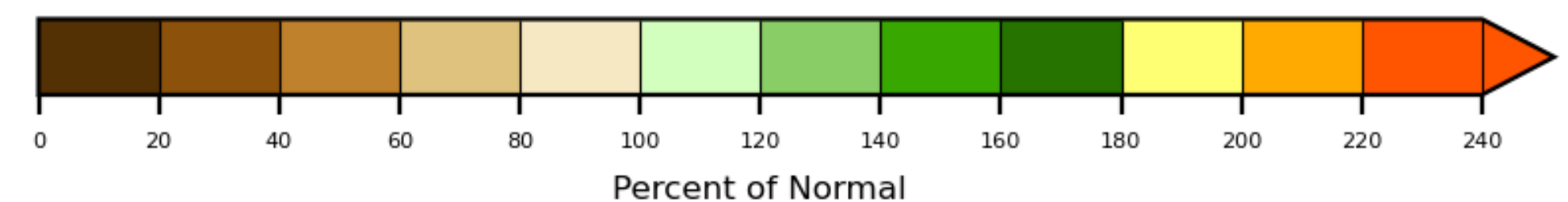
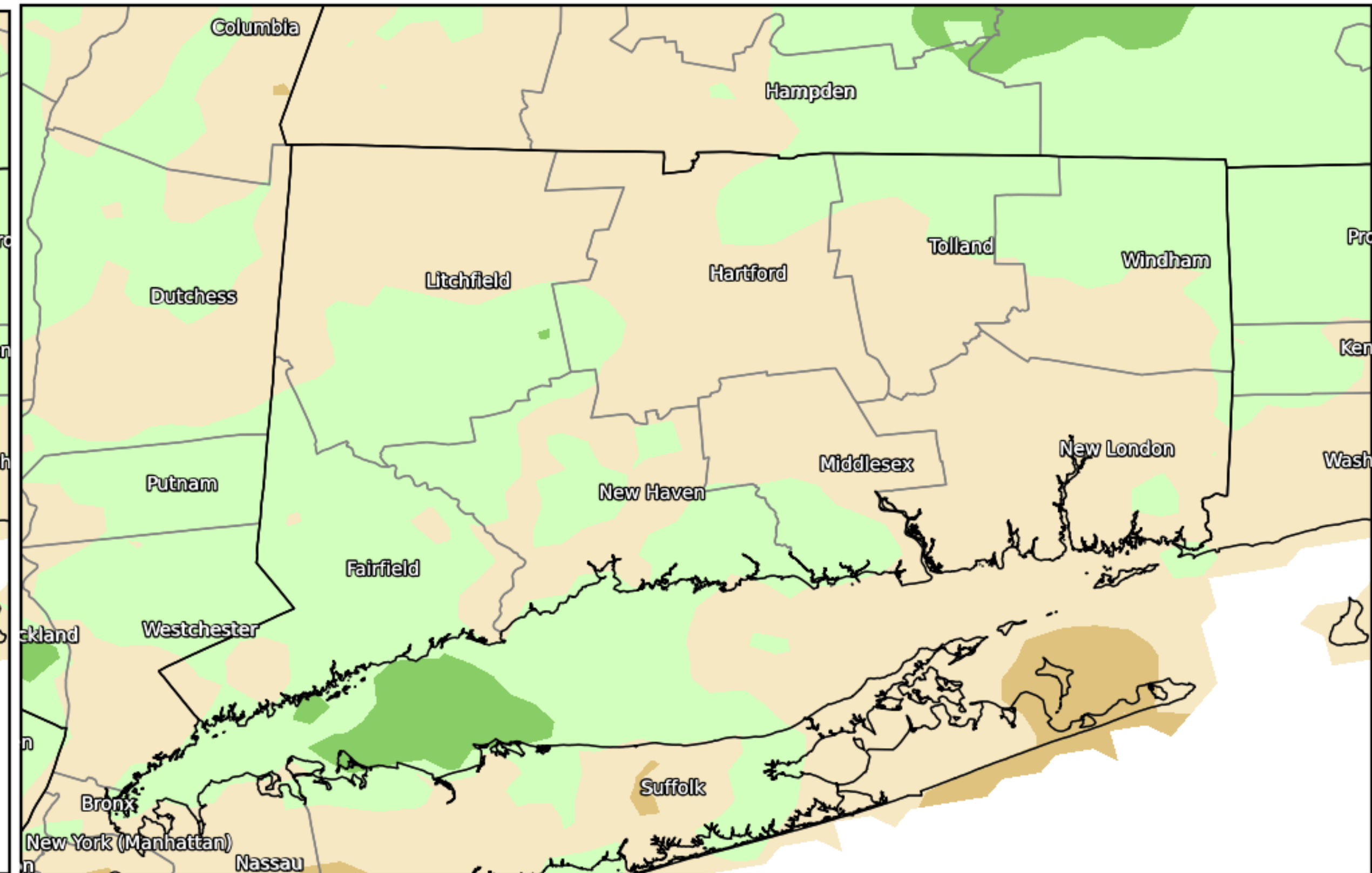


Boston/Norton MA
WEATHER FORECAST OFFICE

Precipitation Percent of Normal
November 01, 2024 to May 01, 2025



Precipitation Percent of Normal
February 01, 2025 to May 01, 2025



CPC 8-14 Day Outlook

Leaning below normal temperatures and near normal precipitation

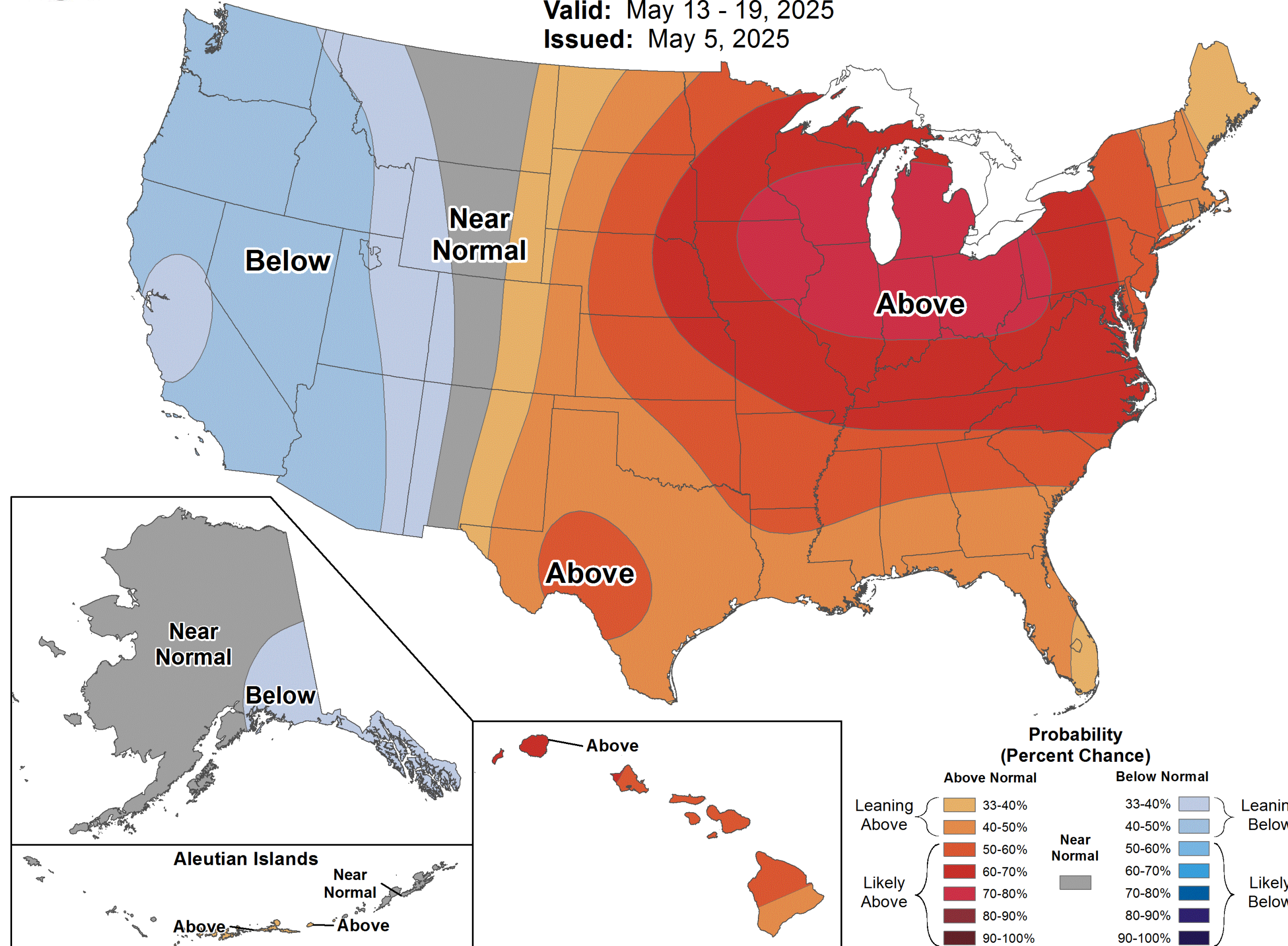


Boston/Norton MA
WEATHER FORECAST OFFICE



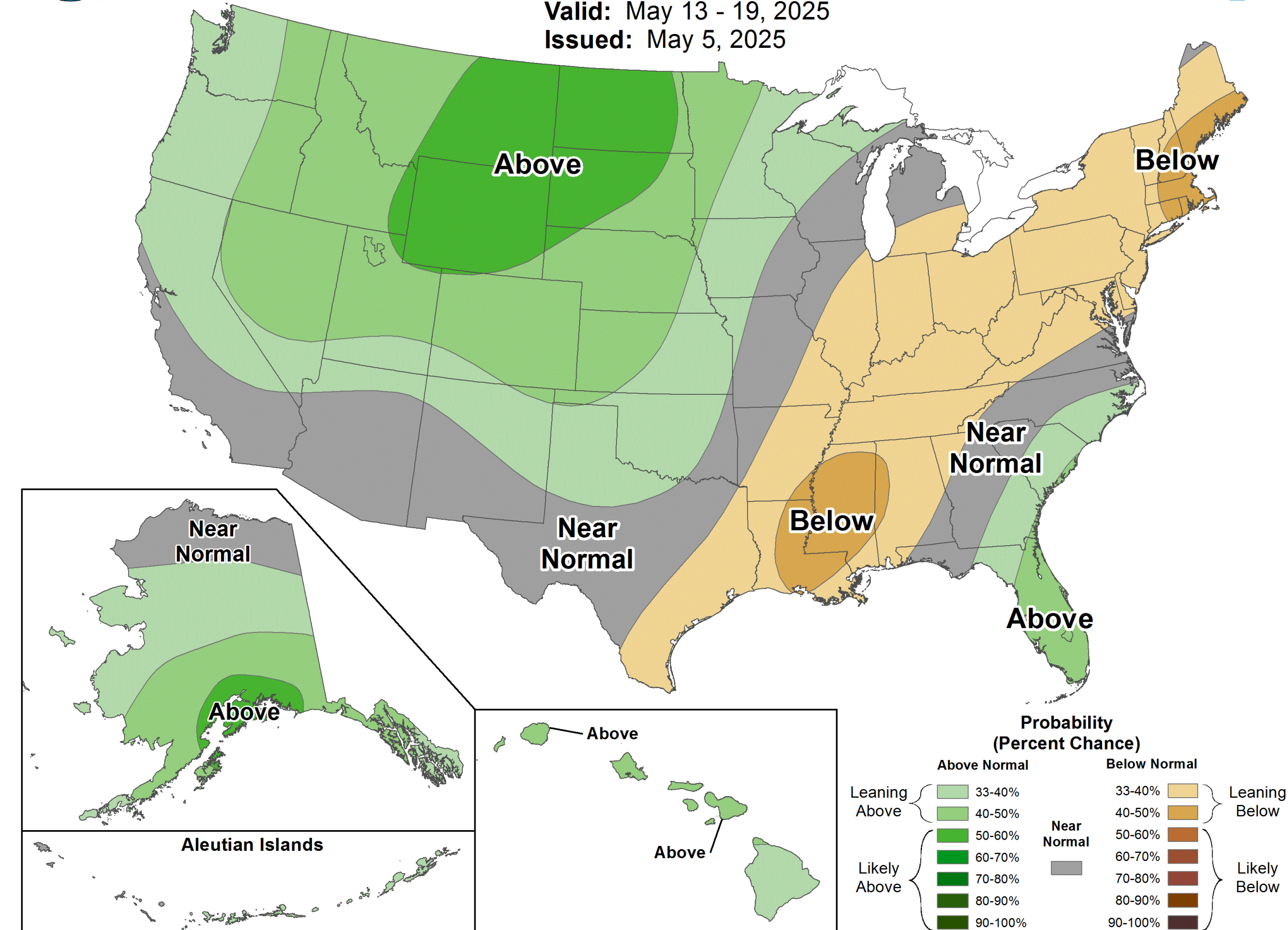
8-14 Day Temperature Outlook

Valid: May 13 - 19, 2025
Issued: May 5, 2025



8-14 Day Precipitation Outlook

Valid: May 13 - 19, 2025
Issued: May 5, 2025



CPC 3-4 Week Outlook

Leaning above normal temperatures



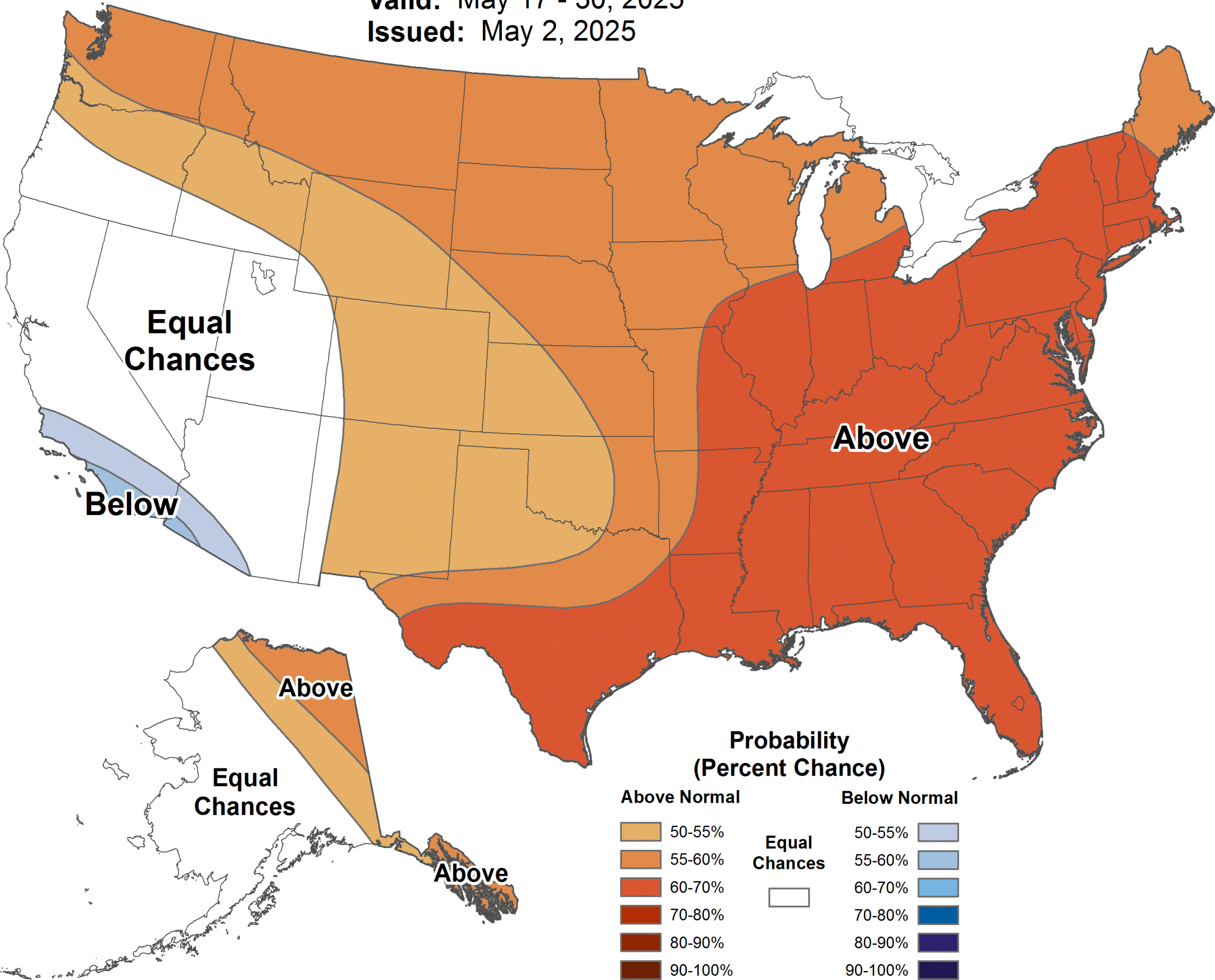
Boston/Norton MA
WEATHER FORECAST OFFICE



Weeks 3-4 Temperature Outlook



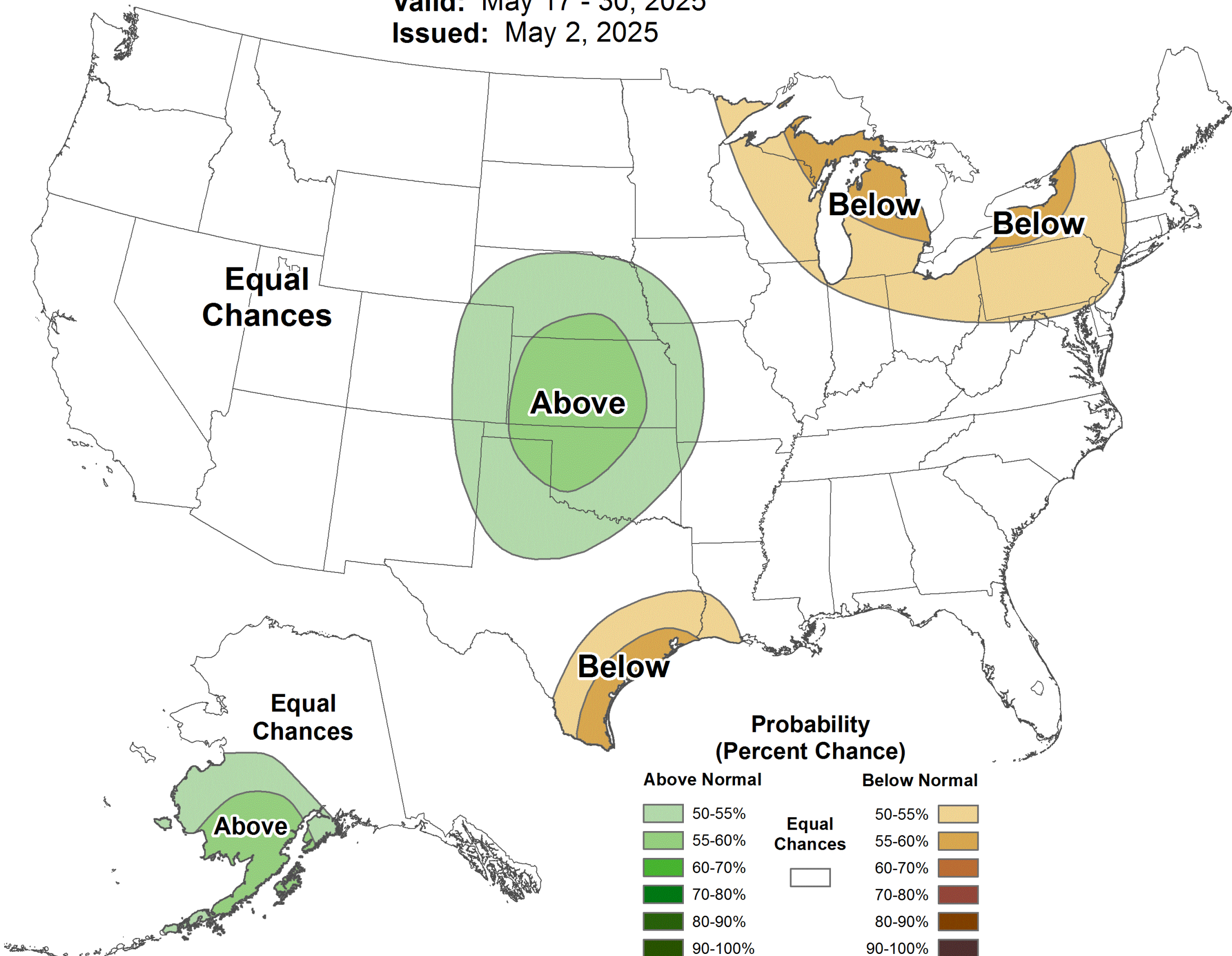
Valid: May 17 - 30, 2025
Issued: May 2, 2025



Weeks 3-4 Precipitation Outlook



Valid: May 17 - 30, 2025
Issued: May 2, 2025



CPC 3 Month Outlook (Feb-Apr)

Leaning above normal temperatures



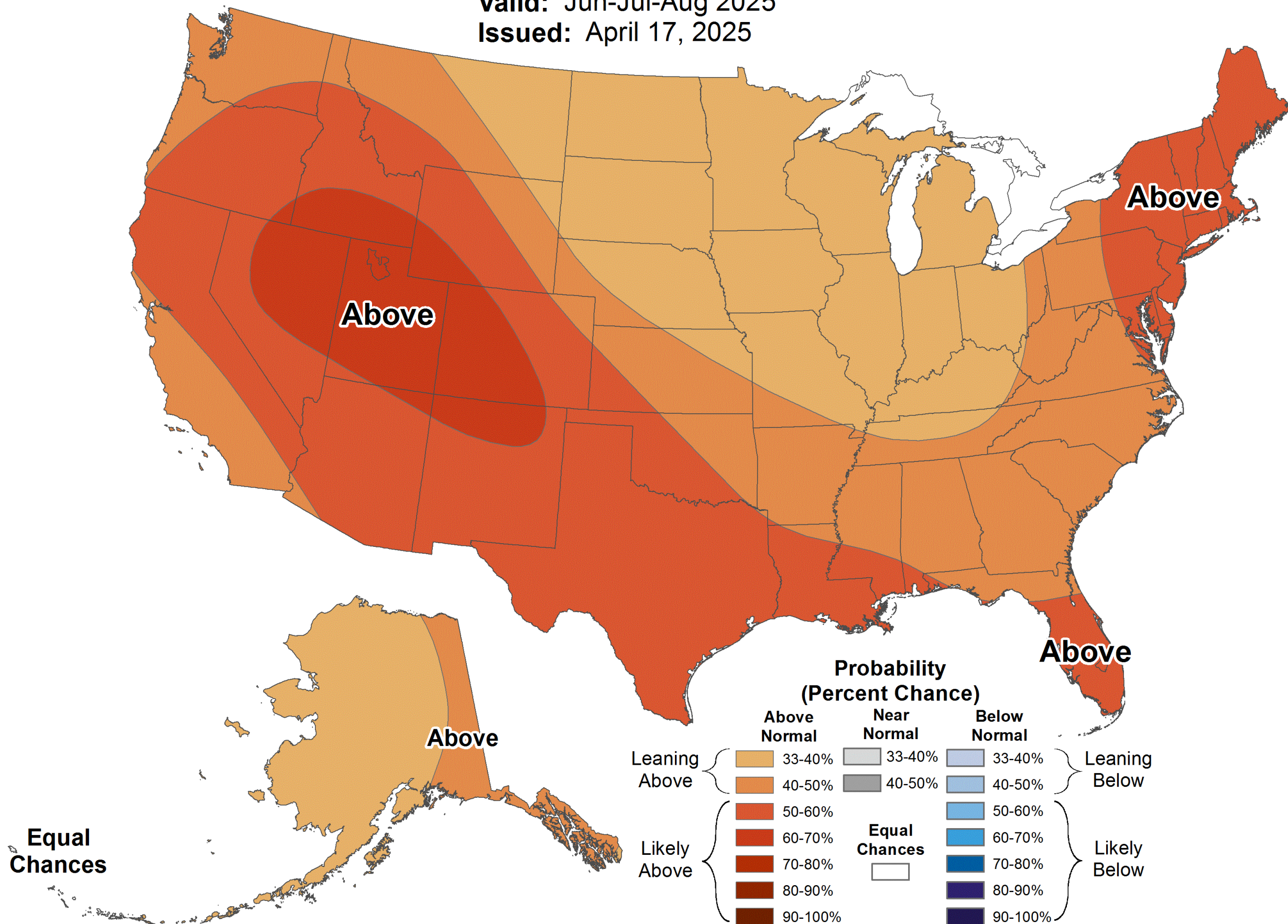
Boston/Norton MA
WEATHER FORECAST OFFICE



Seasonal Temperature Outlook



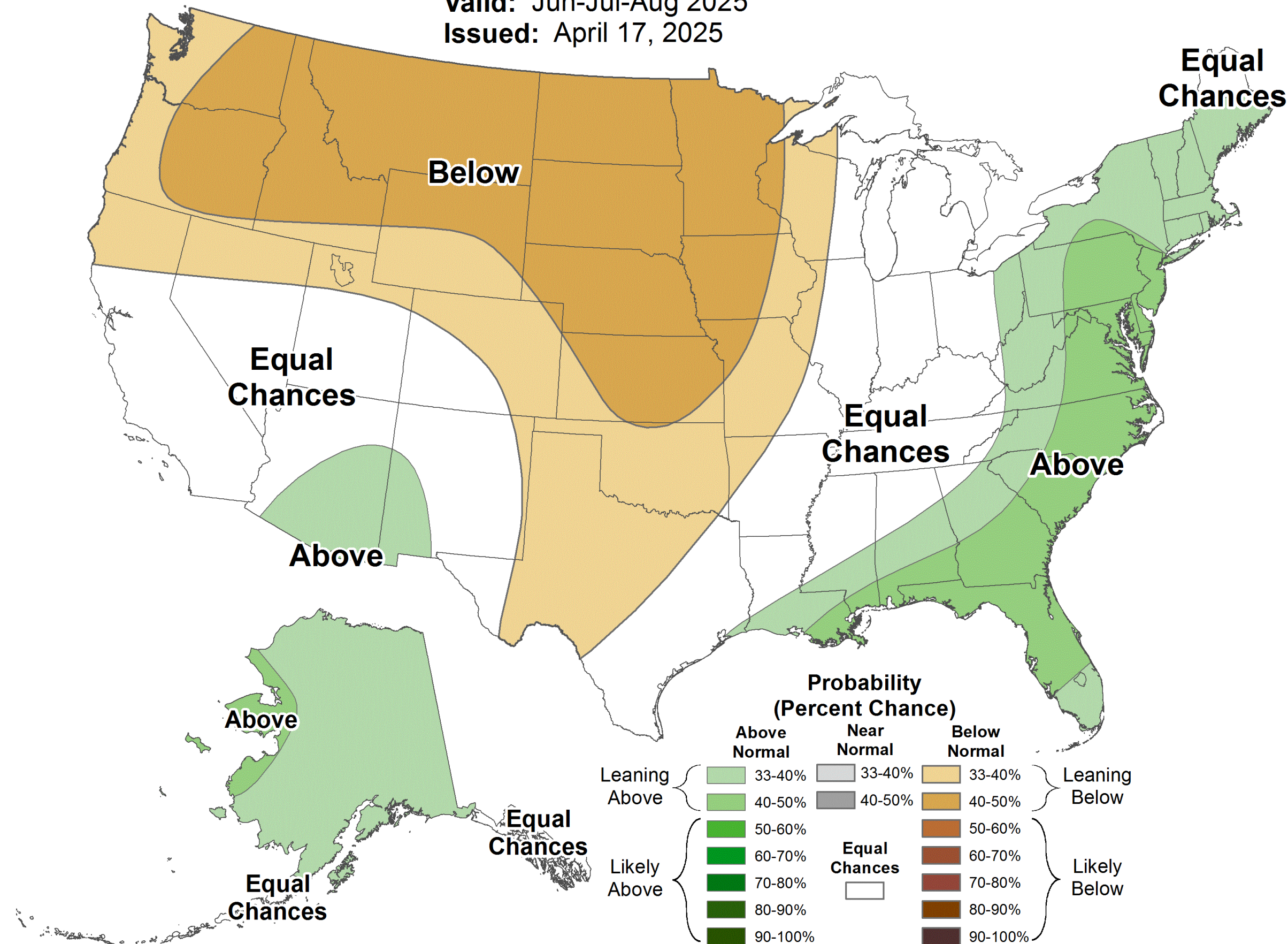
Valid: Jun-Jul-Aug 2025
Issued: April 17, 2025



Seasonal Precipitation Outlook



Valid: Jun-Jul-Aug 2025
Issued: April 17, 2025



Connecticut Precipitation
National Weather Service Offices
Boston/Norton MA, Albany NY, Upton NY
Preliminary Precipitation Data (inches) by County
Precipitation Data through April 2025
Includes CoCoRaHS data

CT 1-Month Apr 2025	Rainfall	Departure	Percent	Normal
Litchfield	3.67	-0.53	87	4.20
Hartford	3.54	-0.77	82	4.31
Tolland	4.06	-0.55	88	4.61
Windham	3.67	-0.92	80	4.59
Fairfield	2.93	-1.51	66	4.44
New Haven	3.03	-1.34	69	4.37
Middlesex	3.02	-1.40	68	4.42
New London	3.76	-0.80	82	4.56

CT 2-month Mar 25-Apr 25	Rainfall	Departure	Percent	Normal
Litchfield	7.11	-1.25	85	8.36
Hartford	7.67	-0.75	91	8.42
Tolland	8.20	-0.75	92	8.95
Windham	7.53	-1.51	83	9.04
Fairfield	6.90	-1.90	78	8.80
New Haven	7.52	-1.20	86	8.72
Middlesex	6.84	-1.93	78	8.77
New London	8.18	-1.25	87	9.43

CT 3-month Feb 25-Apr 25	Rainfall	Departure	Percent	Normal
Litchfield	10.41	-1.28	89	11.69
Hartford	10.91	-0.78	93	11.69
Tolland	11.50	-0.80	93	12.30
Windham	10.21	-2.12	83	12.33
Fairfield	9.64	-2.26	81	11.90
New Haven	10.76	-1.12	91	11.88
Middlesex	9.67	-2.44	80	12.11
New London	11.73	-1.11	91	12.84

CT 4-month Jan 25-Apr 25	Rainfall	Departure	Percent	Normal
Litchfield	11.47	-3.78	75	15.25
Hartford	12.03	-3.29	79	15.32
Tolland	12.77	-3.36	79	16.13
Windham	11.29	-4.78	70	16.07
Fairfield	10.71	-4.77	69	15.48
New Haven	11.90	-3.53	77	15.43
Middlesex	10.77	-5.09	68	15.86
New London	13.10	-3.47	79	16.57

CT 5-month Dec 24-Apr 25	Rainfall	Departure	Percent	Normal
Litchfield	15.95	-3.29	83	19.24
Hartford	16.25	-3.01	84	19.26
Tolland	18.09	-2.21	89	20.30
Windham	16.13	-4.19	79	20.32
Fairfield	15.57	-3.99	80	19.56
New Haven	17.16	-2.17	89	19.33
Middlesex	16.69	-3.49	83	20.18
New London	19.74	-1.12	95	20.86

CT 6-month Nov 24-Apr 25	Rainfall	Departure	Percent	Normal
Litchfield	18.80	-4.70	80	23.50
Hartford	18.70	-5.03	79	23.73
Tolland	20.45	-4.35	82	24.80
Windham	18.30	-6.46	74	24.76
Fairfield	18.95	-4.91	79	23.86
New Haven	19.78	-3.71	84	23.49
Middlesex	19.19	-5.33	78	24.52
New London	22.28	-3.08	88	25.36

CT 7-month Oct 24-Apr 25	Rainfall	Departure	Percent	Normal
Litchfield	16.67	-11.87	58	28.54
Hartford	16.16	-12.43	57	28.59
Tolland	18.17	-10.71	63	28.88
Windham	16.49	-12.31	57	28.80
Fairfield	17.28	-10.96	61	28.24
New Haven	18.44	-9.26	67	27.70
Middlesex	18.29	-10.87	63	29.16
New London	20.94	-8.39	71	29.33

CT 12-month May 24-Apr 25	Rainfall	Departure	Percent	Normal
Litchfield	41.49	-9.23	82	50.72
Hartford	41.39	-9.46	81	50.85
Tolland	41.21	-8.86	82	50.07
Windham	40.29	-9.89	80	50.18
Fairfield	42.66	-7.57	85	50.23
New Haven	44.60	-4.09	92	48.69
Middlesex	41.32	-9.84	81	51.16
New London	44.93	-4.99	90	49.92

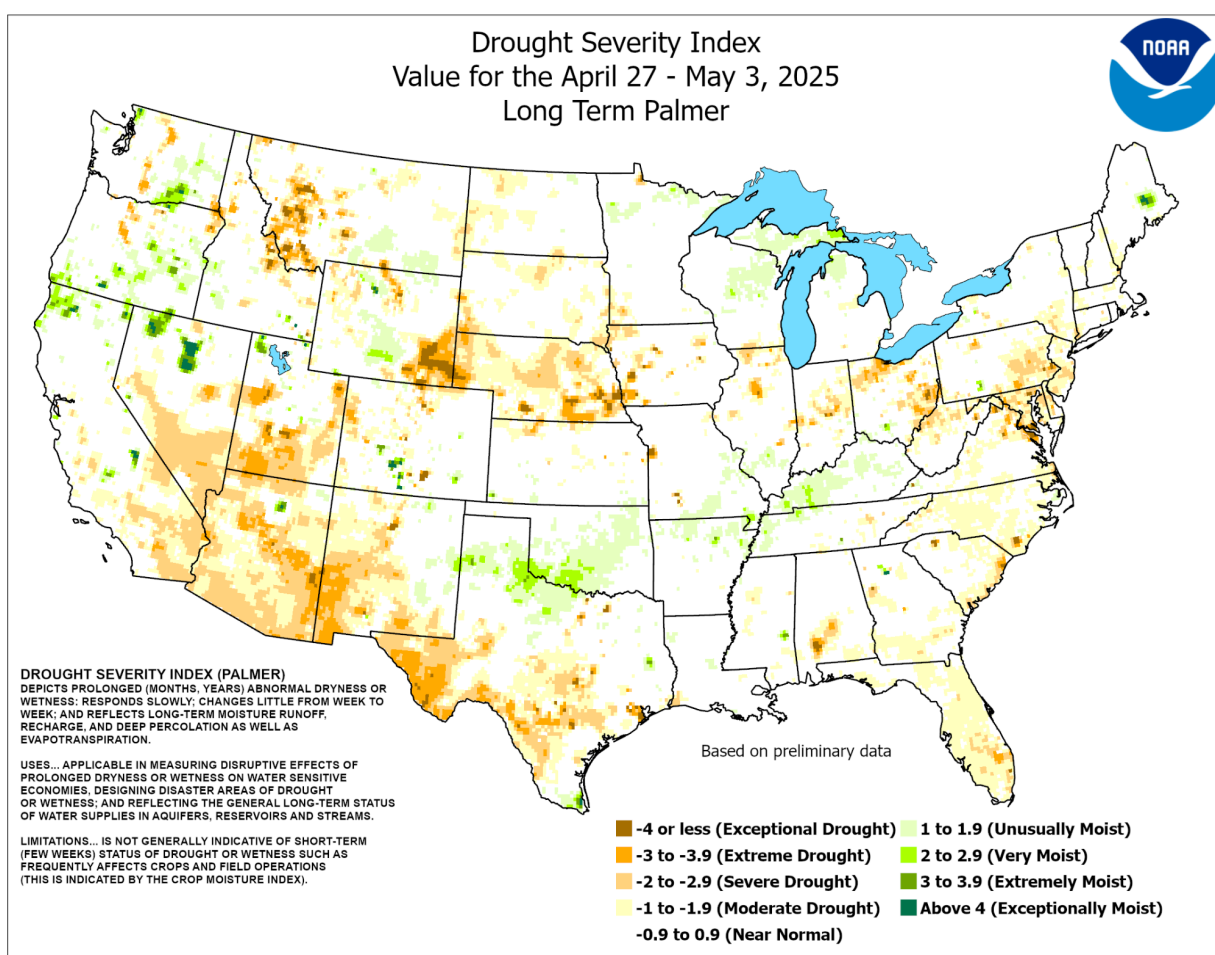
CT 24-month May 23-Apr 25	Rainfall	Departure	Percent	Normal
Litchfield	113.41	11.97	112	101.44
Hartford	113.95	12.25	112	101.70
Tolland	111.48	11.35	111	100.14
Windham	108.76	8.40	108	100.36
Fairfield	107.89	7.44	107	100.45
New Haven	114.57	17.19	118	97.38
Middlesex	107.97	5.65	106	102.32
New London	109.92	10.08	110	99.84

CT 36-month May 22-Apr 25	Rainfall	Departure	Percent	Normal
Litchfield	160.12	7.98	105	152.14
Hartford	160.43	7.81	105	152.62
Tolland	159.06	8.82	106	150.24
Windham	156.69	6.11	104	150.59
Fairfield	150.30	-0.53	100	150.83
New Haven	161.89	15.81	111	146.08
Middlesex	158.28	4.47	103	153.81
New London	154.75	4.78	103	149.97

County-based monthly precipitation totals are calculated using an average of all available full-month precipitation totals within that County from the following networks: Community Collaborative Rain, Hail and Snow network (CoCoRaHS), Cooperative Weather Observer Program (Coop), and Automated Surface Observing Systems (ASOS) data.

Coop and ASOS sites are part of National Weather Service networks. CoCoRaHS is a community-based network of volunteers that report precipitation.

County-based monthly normals were calculated using 30-year precipitation normals from NOAA/National Centers for Environmental Information (NCEI) for the period of 1981-2010. Monthly normals from 42 stations (consisting of Coop and ASOS stations) were grouped by County to calculate a single monthly normal for each County.



Map 1. Palmer Drought Index Map for the Week Ending May 3rd, 2025. From the Climate Prediction Center.

