

Connecticut Drought Conditions Report

Monthly Update for October 2024



Interagency Drought Workgroup
November 7, 2024
Regular Meeting

Stage 2 Drought Trigger Summary by Region – November 5, 2024

	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)	14% of normal	11% of normal	17 % of normal	23% of normal	20% of normal	28% of normal	20% of normal	22% of normal	10/31/2024
Groundwater (2)	Two out of three months below the 25th percentile	0% of stations meet trigger	30% of stations meet trigger	20% of stations meet trigger	0% of stations meet trigger	0% of stations meet trigger	25% of stations meet trigger	0% of stations meet trigger	0% of stations meet trigger	10/31/2024
Streamflow (3)	Two out of three months below the 25th percentile	0% meet trigger	18.2% meet trigger	40% meet trigger	0% meet trigger	0% meet trigger	20% meet trigger	0 % meet trigger	20% meet trigger	10/31/2024
Reservoirs (4)	Average levels less than 80% of normal	101.43% of normal	104.33% of normal	99.8% of normal	94.67% of normal	103.33% of normal	101.8% of normal	99% of normal	100% of normal	11/1/2024
Palmer Drought Severity Index (5)	(-2.0 to -2.99)	5.27	5.38	9.11	5.27	5.27	5.27	5.38	5.38	11/2/2024
Crop Moisture Index (6)	(-1.0 to -1.99)	2.43	2.40	4.70	2.43	2.43	2.43	2.40	2.40	11/2/2024
VegDRI (seasonal) (7)	Pre-Drought Conditions	Southern Fairfield County experiencing Pre-Drought Stress	Some portions of northern and central Hartford County experiencing Pre-Drought Stress	Northern Litchfield County experiencing a concentration of Pre-Drought Stress	Little drought stress	Scattered Pre-Drought Stress and Moderate Drought	Concentrated Pre-Drought Stress in Norwich region	Little drought stress	Northern and Eastern Windham County experiencing Pre-Drought Stress and above	11/3/2024
Fire Danger (8)	Moderate	Extreme	Extreme	Extreme	Extreme	Extreme	Extreme	Extreme	Extreme	11/5/2024
U.S. Drought Monitor (9)	Intensity Level D1-D2	D0-D1	D0-D1	D0-D1	D0	D0	D0	D0-D1	D0-D1	10/29/2024

Key:	Drought trigger met across majority of region	Drought trigger partially met	Drought trigger not met
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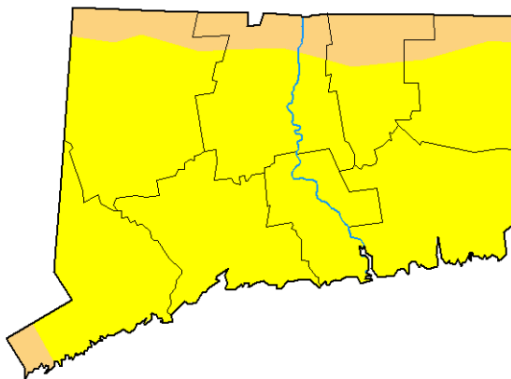
State Drought Trigger Summary – November 5, 2024

	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 2 Trigger Met - entire state averages out to 16.875% of normal precipitation. Every region is below 65% of normal precipitation
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	Hartford, Litchfield, and New London Counties partially meet the drought trigger for Stage 2
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	Litchfield, New London, and Windham Counties partially meet the drought trigger for Stage 2
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 94.67% - 104.33% of normal throughout the state
Palmer Drought Severity Index (5)	(-2.0 to -2.99)	(-3.0 to -3.99)	(-4 or less)	(-4 or less)	Palmer Drought Severity Index trigger is not met throughout the state
Crop Moisture Index (6)	(-1.0 to -1.99)	(-2.0 to -2.99)	(-3 or less)	(-3 or less)	Crop Moisture Index trigger is not met throughout the state
VegDRI (seasonal) (7)	Pre-Drought Conditions	Moderate Drought Conditions	Severe Drought Conditions	Extreme Drought Conditions	5.95% of the state is experiencing Pre-Drought Conditions or higher. 79.96% of the state is near normal, with the remainder of the state experiencing moist conditions
Fire Danger (8)	Moderate	High	Very High	Extreme	Stage 5 Trigger Met - whole state at Extreme Fire Danger Level
U.S. Drought Monitor (9)	Intensity Level D1-D2	Intensity Level D2-D3	Intensity Level D3-D4	Intensity Level D4	as of 10/29/24, USDM has 13.81% of the state in D1, remainder of the state is in D0
Key:	Majority of the state meets drought trigger	Portion of the state meets drought trigger and/or regions partially meet drought trigger	Drought trigger not met		

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 24th. The maps included are from the weeks of October 1st, October 15th, October 22nd and October 29th. 86.2% of the state is classified as D0 (Abnormally Dry) and the remaining 13.8% of the state is classified as D1 (Moderate Drought).

U.S. Drought Monitor Connecticut



October 29, 2024
(Released Thursday, Oct. 31, 2024)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	13.81	0.00	0.00	0.00
Last Week 10-22-2024	35.68	64.32	1.87	0.00	0.00	0.00
3 Months Ago 07-30-2024	99.94	0.06	0.00	0.00	0.00	0.00
Start of Calendar Year 01-02-2024	100.00	0.00	0.00	0.00	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 10-31-2023	100.00	0.00	0.00	0.00	0.00	0.00

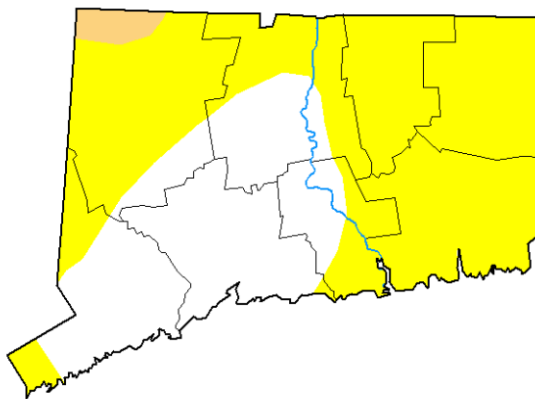
Intensity:
 None
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought

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



U.S. Drought Monitor Connecticut



October 22, 2024
(Released Thursday, Oct. 24, 2024)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	35.68	64.32	1.87	0.00	0.00	0.00
Last Week 10-15-2024	35.68	64.32	0.00	0.00	0.00	0.00
3 Months Ago 07-23-2024	99.97	0.03	0.00	0.00	0.00	0.00
Start of Calendar Year 01-02-2024	100.00	0.00	0.00	0.00	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 10-24-2023	100.00	0.00	0.00	0.00	0.00	0.00

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

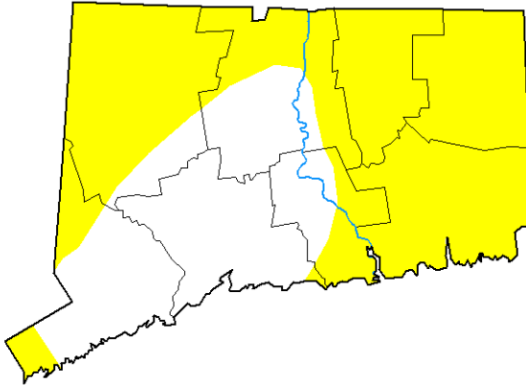
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Author:
Rocky Bilotta
NCEI/NOAA



U.S. Drought Monitor Connecticut

October 15, 2024
(Released Thursday, Oct. 17, 2024)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	35.68	64.32	0.00	0.00	0.00	0.00
Last Week 10-08-2024	36.80	63.20	0.00	0.00	0.00	0.00
3 Months Ago 07-16-2024	97.84	2.16	0.00	0.00	0.00	0.00
Start of Calendar Year 01-02-2024	100.00	0.00	0.00	0.00	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 10-17-2023	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:
 None (White) D2 Severe Drought (Orange)
 D0 Abnormally Dry (Yellow) D3 Extreme Drought (Red)
 D1 Moderate Drought (Light Orange) D4 Exceptional Drought (Dark Red)

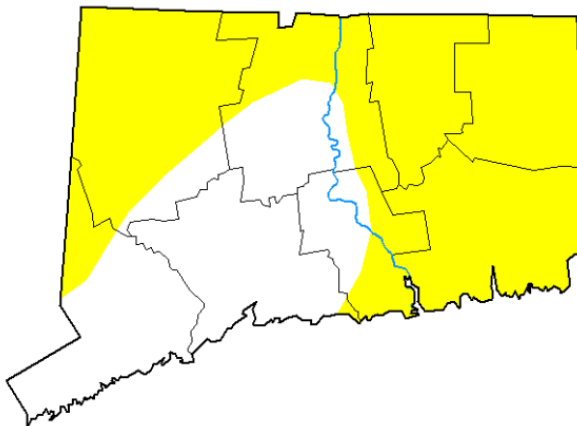
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:
Brian Fuchs
National Drought Mitigation Center



U.S. Drought Monitor Connecticut

October 1, 2024
(Released Thursday, Oct. 3, 2024)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	36.34	63.66	0.00	0.00	0.00	0.00
Last Week 09-24-2024	37.33	62.67	0.00	0.00	0.00	0.00
3 Months Ago 07-02-2024	97.89	2.11	0.00	0.00	0.00	0.00
Start of Calendar Year 01-02-2024	100.00	0.00	0.00	0.00	0.00	0.00
Start of Water Year 09-26-2023	100.00	0.00	0.00	0.00	0.00	0.00
One Year Ago 10-03-2023	100.00	0.00	0.00	0.00	0.00	0.00

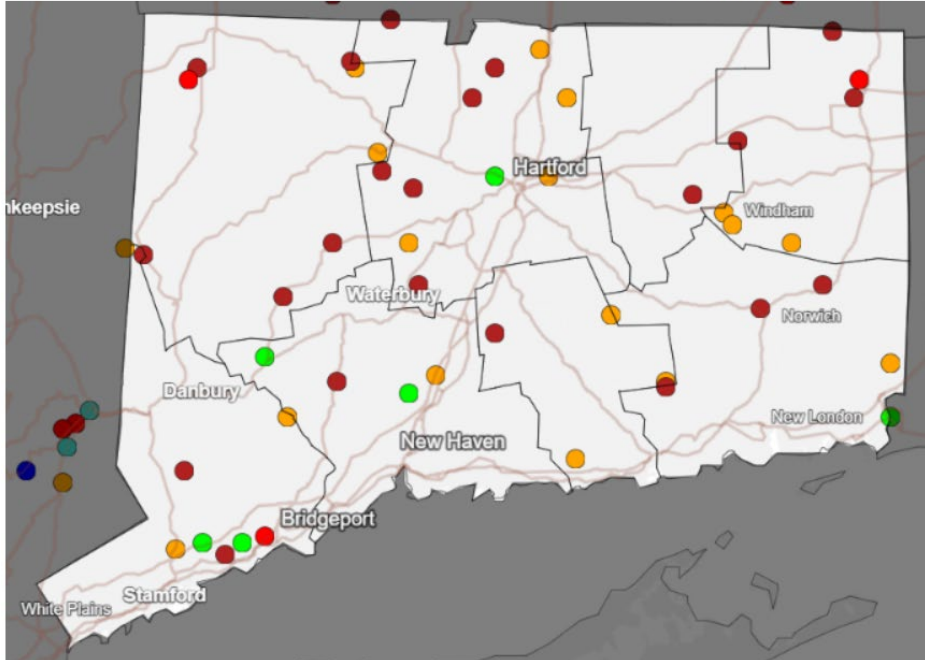
Intensity:
 None (White) D2 Severe Drought (Orange)
 D0 Abnormally Dry (Yellow) D3 Extreme Drought (Red)
 D1 Moderate Drought (Light Orange) D4 Exceptional Drought (Dark Red)

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

Streamflow Levels (via USGS): The map below conveys the 28-day average streamflow as of October 30th. The trend from September continued as we saw streamflow across the state decrease. The map below illustrates streamflow levels mostly at Below and Much Below normal levels for this time of year.

28-Day Average Streamflow



Streamflow Conditions



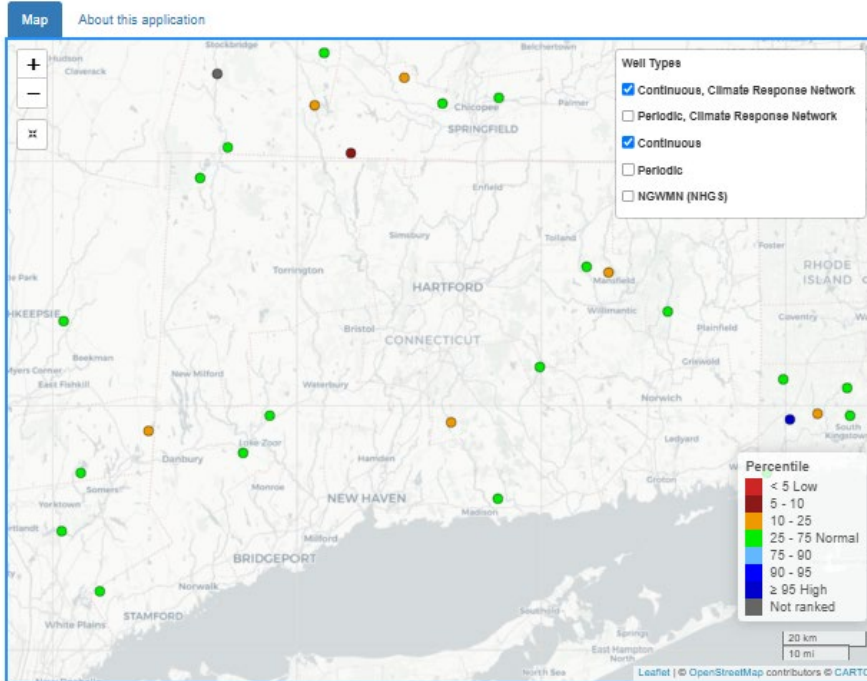
Source(s): U.S. Geological Survey
 Data Valid: 10/31/24

Drought.gov

Groundwater Levels (via USGS): The following maps are from October 30th – the first map displays continuously monitored wells, while the second map displays periodic measured wells. The first map shows wells at normal (25-75%) and just below normal (10-25%) levels, while the second shows a majority at normal (25-75%) levels.

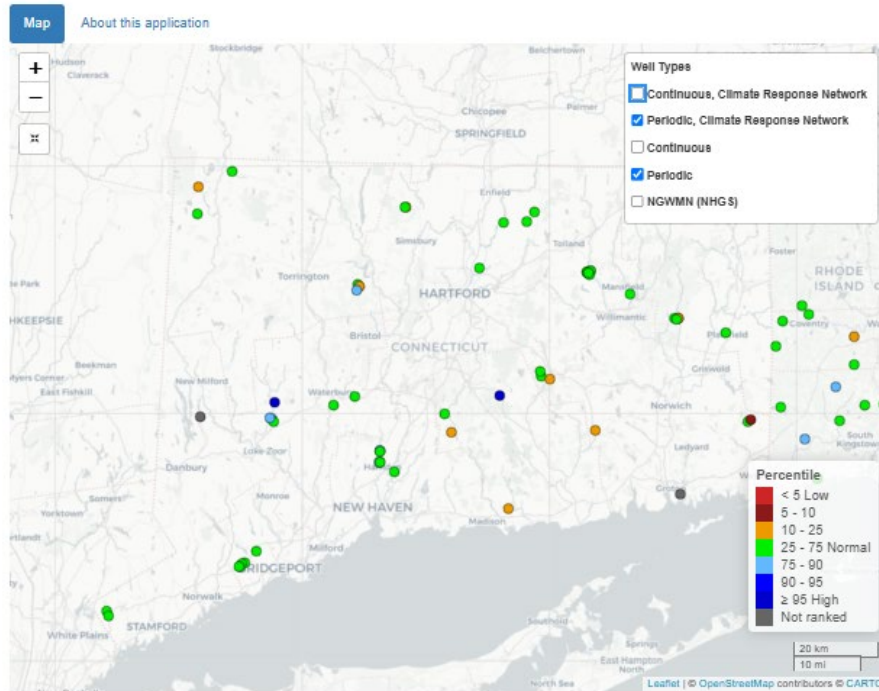
Groundwater Levels in New England

Recent conditions relative to historical monthly statistics

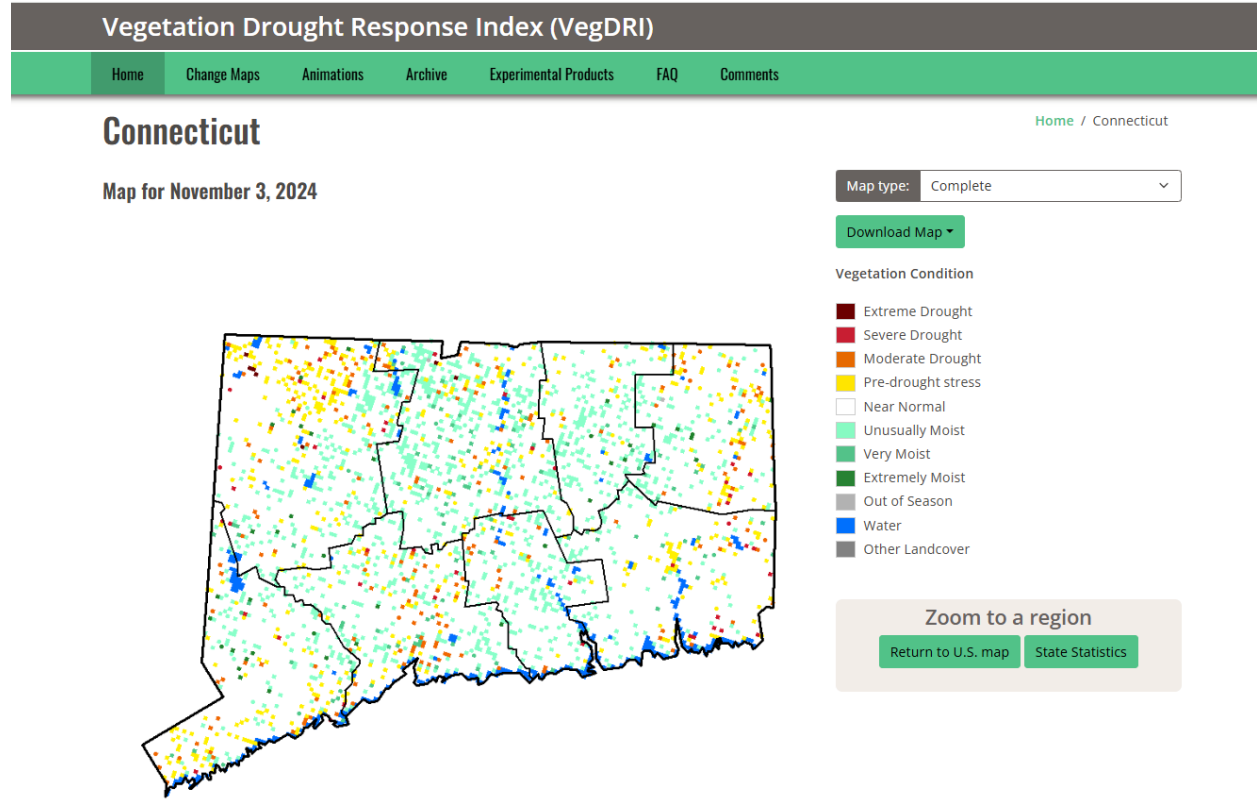


Groundwater Levels in New England

Recent conditions relative to historical monthly statistics



Vegetation Drought Response Index (VegDRI): The VegDRI Map is developed by the National Drought Mitigation Center. The map below is dated November 3rd and provides a snapshot of vegetative conditions throughout the state. The accompanying State Statistics table is below the map and shows the changes in vegetation conditions from September 1st through November 3rd.



Connecticut Data

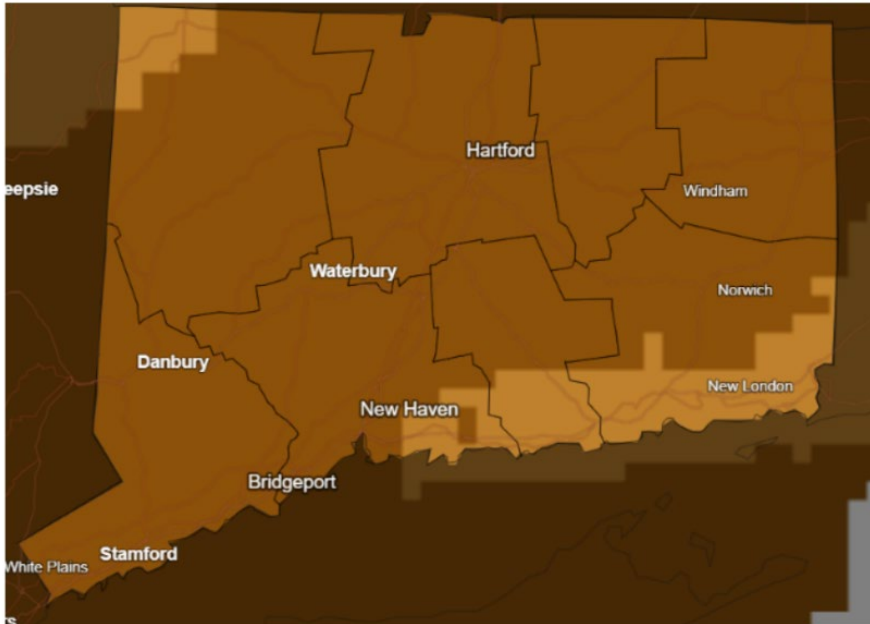
[Home / Connecticut](#)

Week	Extreme Drought	Severe Drought	Moderate Drought	Pre-Drought	Near Normal	Unusually Moist	Very Moist	Extremely Moist
2024-11-03	0.05	0.35	1.49	4.06	79.96	10.30	0.92	0.31
2024-10-27	0.04	0.27	1.31	3.85	79.41	11.38	0.96	0.23
2024-10-20	0.00	0.12	0.82	2.71	81.92	10.71	0.96	0.23
2024-10-13	0.01	0.11	0.75	2.62	82.58	10.35	0.80	0.24
2024-10-06	0.00	0.10	0.39	1.85	74.86	16.47	2.60	1.20
2024-09-29	0.01	0.08	0.21	1.37	71.71	19.21	3.53	1.34
2024-09-22	0.02	0.03	0.24	1.14	66.13	22.79	5.68	1.43
2024-09-15	0.00	0.03	0.16	0.43	30.23	47.02	17.25	2.35
2024-09-08	0.00	0.04	0.11	0.35	26.17	53.52	15.21	2.06
2024-09-01	0.00	0.03	0.09	0.30	22.82	54.71	17.42	2.10

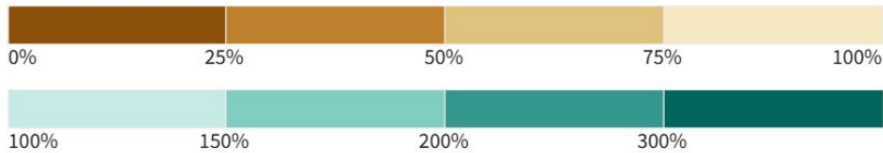
October Precipitation:

Connecticut experienced less than 25% of normal precipitation in October, in addition to experiencing less than 25% of normal precipitation in September. Below are 60-Day and 30-Day Percent of Normal Precipitation maps dated November 2nd.

60-Day Percent of Normal Precipitation



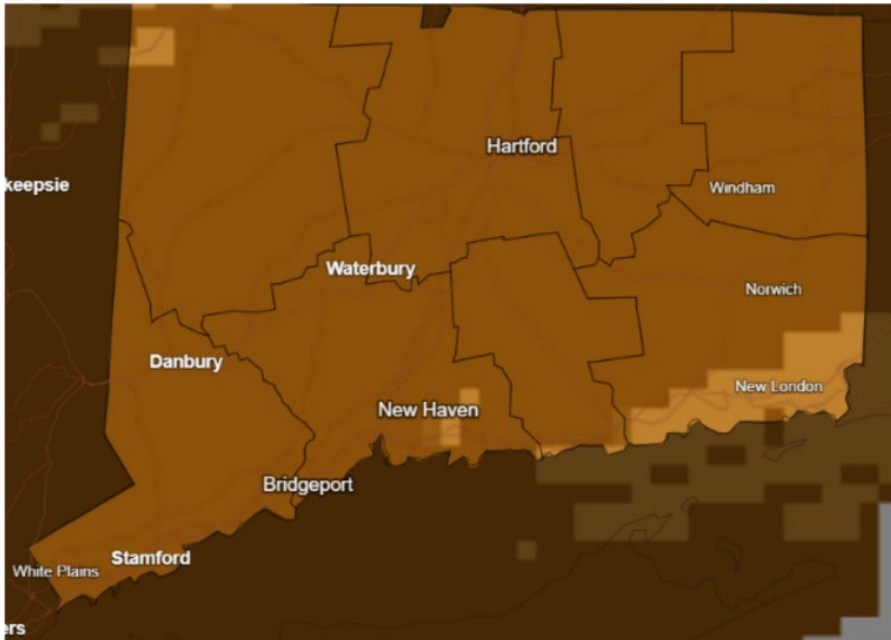
Percent of Normal Precipitation (%)



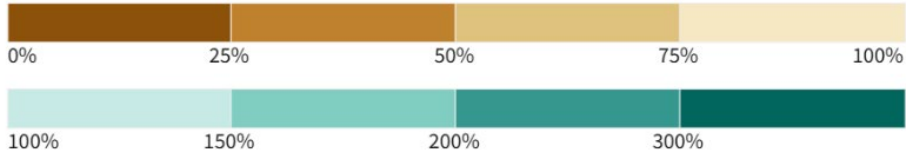
Source(s): UC Merced
Data Valid: 11/02/24

Drought.gov

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): UC Merced
Data Valid: 11/02/24

Drought.gov

Fire Danger Levels and Buildup Maps from CT DEEP:

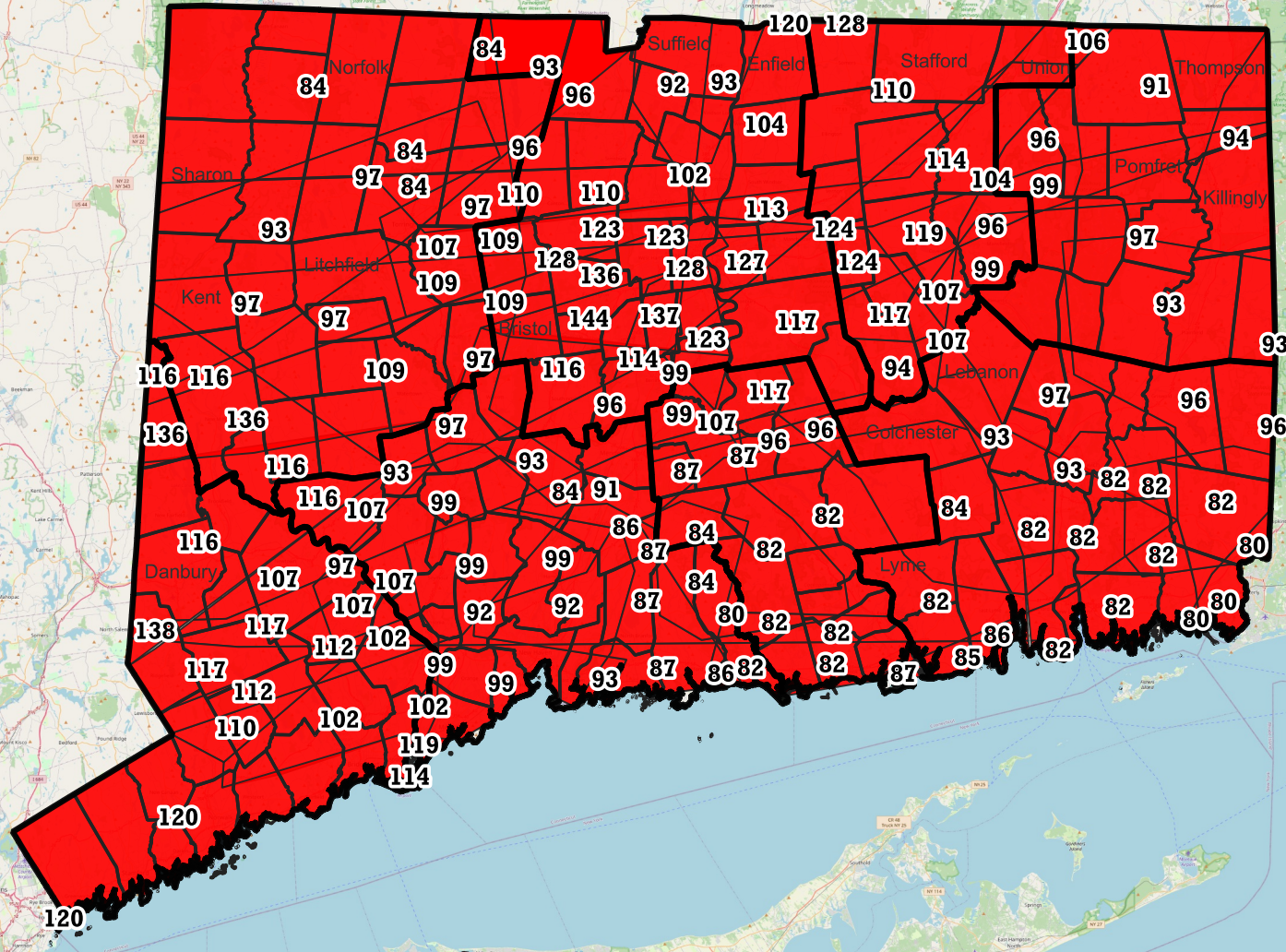
CT DEEP Forestry monitors wildfire conditions regularly and moves to a daily measurement when conditions are drier and the risk of wildfires is greater. In order, their fire danger ranking scheme is: **LOW, MODERATE, HIGH, VERY HIGH, AND EXTREME**. According to CT DEEP Forestry, wildfire danger levels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

- 10/1/24 – 10/4/24: **MODERATE**
- 10/5/24 – 10/6/24: **HIGH**
- 10/7/24: **HIGH | MODERATE** in Middlesex County
- 10/8/24: **MODERATE | HIGH** in Fairfield, Hartford, Litchfield and Tolland
- 10/9/24 – 10/19/24: **HIGH**
- 10/20/24 – 10/30/24: **VERY HIGH**
- 10/31/24 – 11/5/2024: **EXTREME**

The following buildup maps are from October 17th, October 23rd and November 5th. The maps correspond to the fire danger ranking scheme described above.

Build Up Index- NFDRS '67

2024-11-05 05:44:42

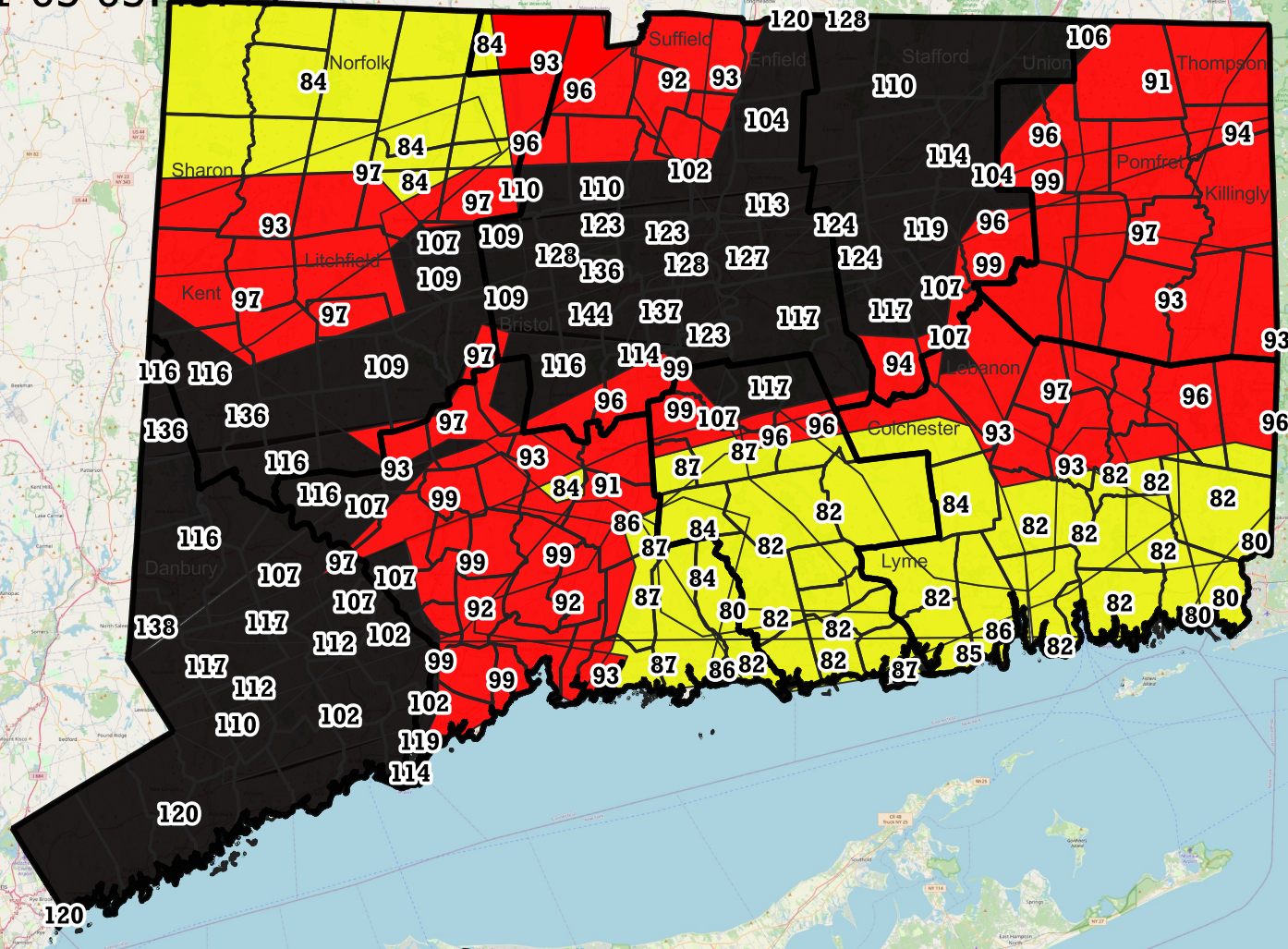


Fire Danger Rating

- LOW
- MODERATE
- HGH
- VERY HIGH
- EXTREME

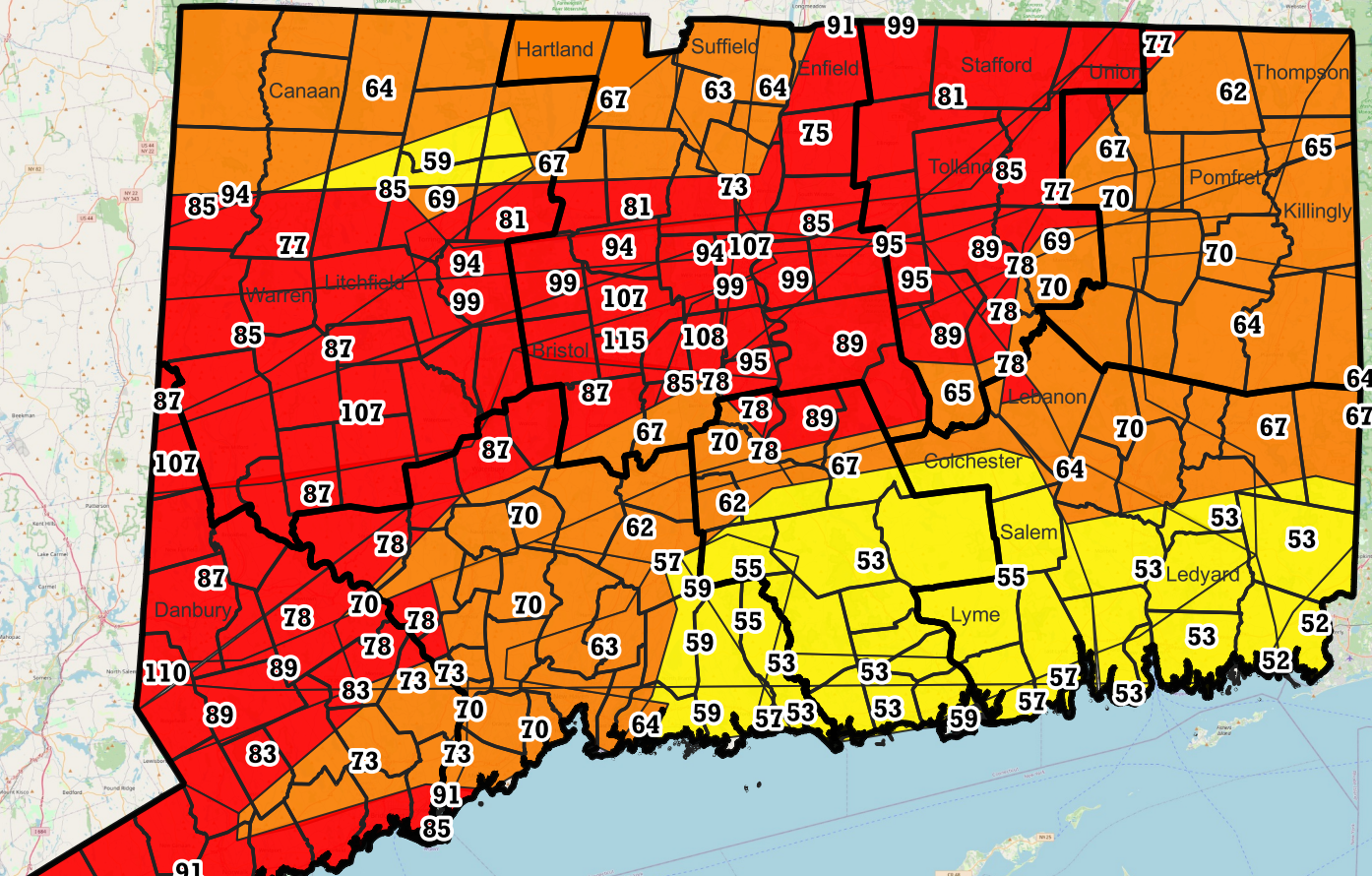
Build Up Index Groupings for Analysis- NFDRS '67

2024-11-05 05:45:45



Build Up Index- NFDRS '67

2024-10-23 05:09:59

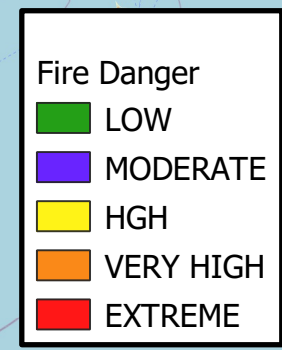
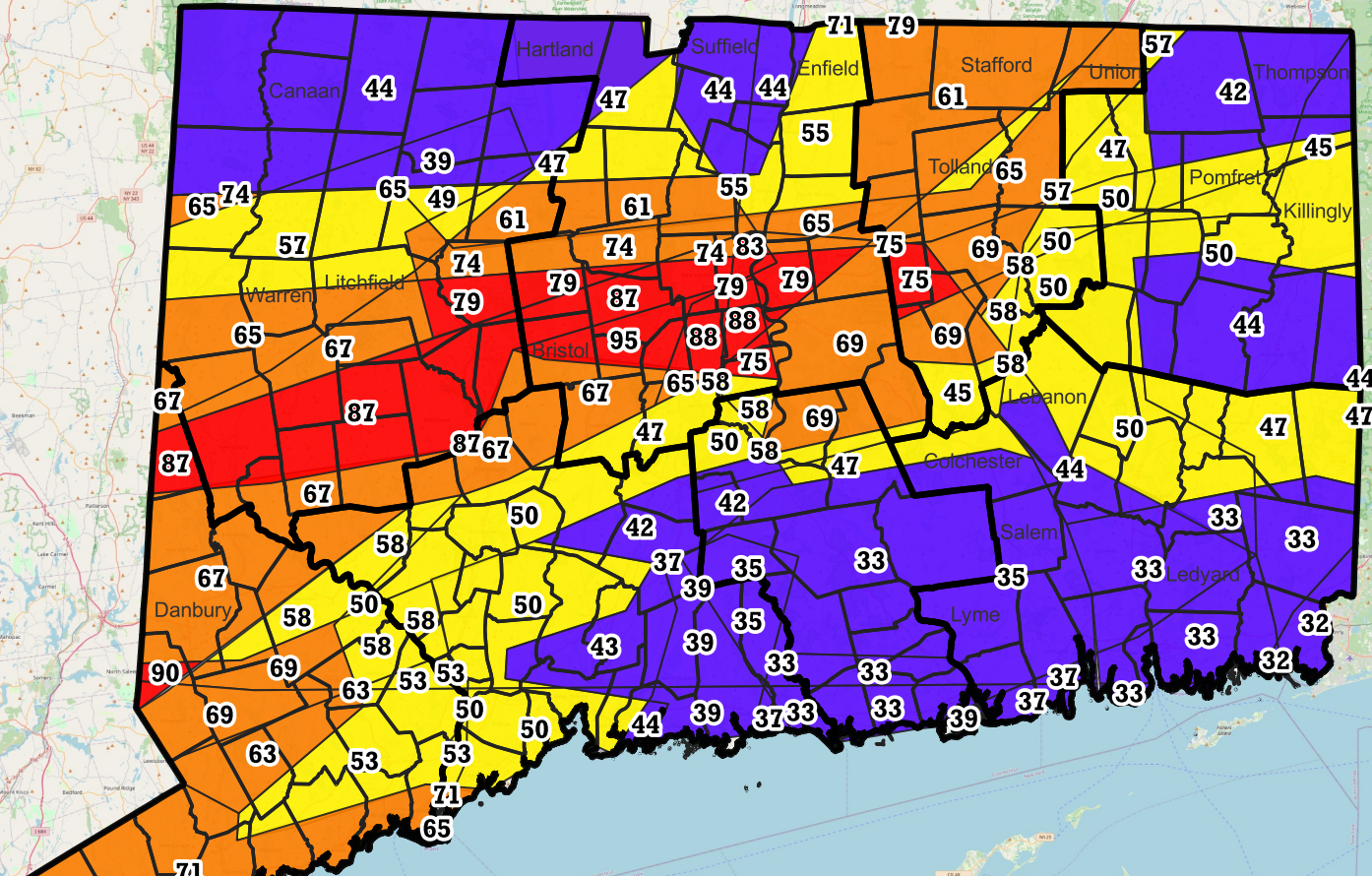


Fire Danger

- LOW
- MODERATE
- HGH
- VERY HIGH
- EXTREME

Build Up Index- NFDRS '67

2024-10-17 06:16:33





U.S. Geological Survey

**Status of streamflow and
groundwater levels, as of
end of October, 2024**



Provisional Data Subject to Review and Revision

Name	Number of wells total	Number of wells below normal	Number of wells below normal for 2 or more consecutive months	Number of wells below normal for 4 or more consecutive months	Percent below normal	Percent stage 2	Percent stage 3
Fairfield	10	4	0	0	40	0	0
Hartford	10	3	2	1	30	20	10
Litchfield	5	4	1	0	80	20	0
Middlesex	6	3	0	0	50	0	0
New Haven	13	1	0	0	7.7	0	0
New London	4	4	1	0	100	25	0
Tolland	12	1	0	0	8.3	0	0
Windham	6	2	0	0	33.3	0	0

END OF OCTOBER 2024 GROUNDWATER SUMMARY BY COUNTY



Provisional Data Subject to Review and Revision

Name	total	Number of streamgages below normal	Number of streamgages below normal for 2 or more consecutive months	Number of streamgages below normal for 4 or more consecutive months	Percent below normal	Percent stage 2	Percent stage 3
Fairfield	14	6	0	0	42.9	0	0
Hartford	11	7	2	0	63.6	18.2	0
Litchfield	10	7	4	0	70	40	0
Middlesex	4	4	0	0	100	0	0
New Haven	9	5	0	0	55.6	0	0
New London	5	5	1	0	100	20	0
Tolland	3	3	0	0	100	0	0
Windham	10	10	2	0	100	20	0

OCTOBER 2024 STREAMFLOW SUMMARY BY COUNTY



Provisional Data Subject to Review and Revision

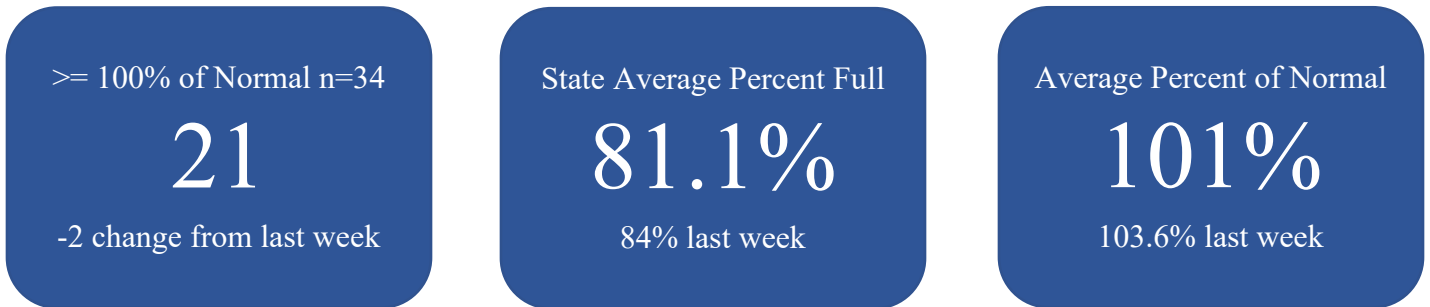
Surface Reservoir Capacity Measurements and Trends

11/1/2024 Update

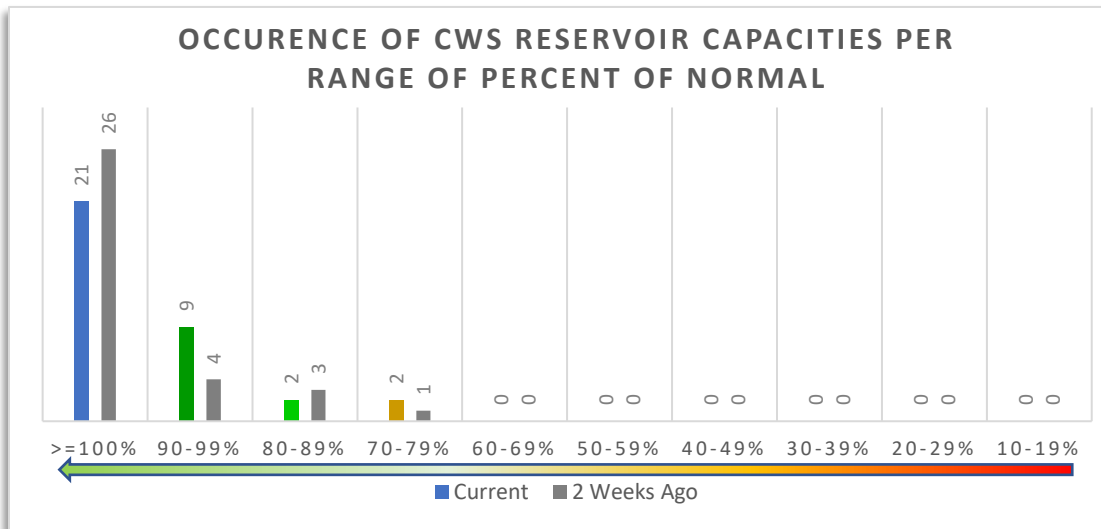
Reservoir Capacities Show Impacts of the Lack of Rain Over the Last 30 Days!

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.

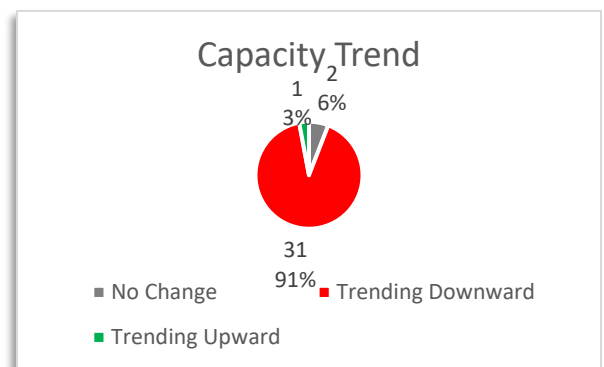
Key takeaways:



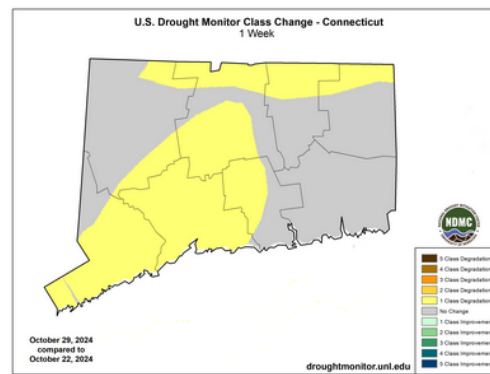
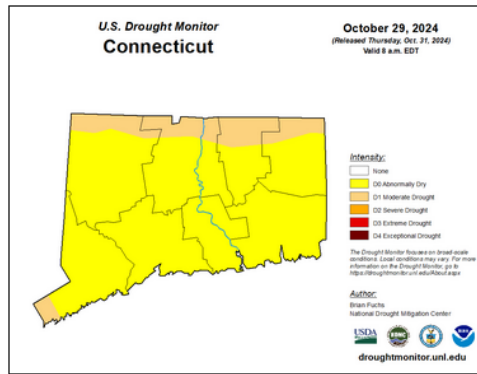
- 2 reservoir systems have reported that they are currently at 100% full. (no change since last week)



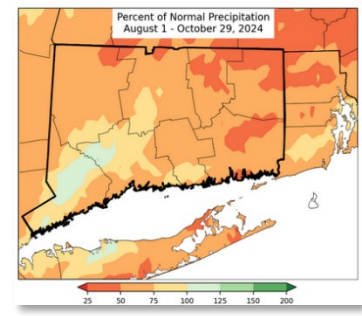
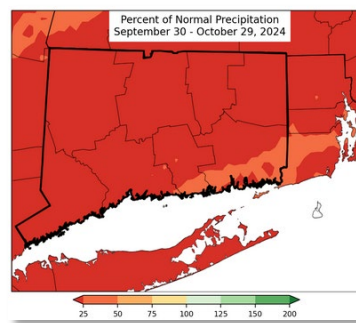
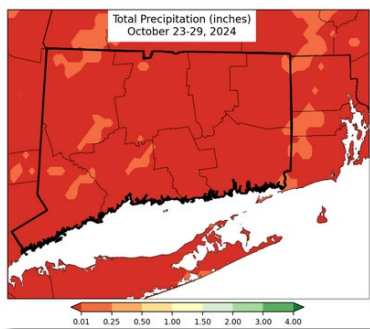
- The gray bars indicate last week's measurements, and the colored bar is the current measurement. In non-drought conditions, the graph above would have all of the systems in the >=100% of normal column (n=34).
- 1 system's short-term week to week trend is upward (-1 since last week). 31 system is trending downward in capacity from their previous measurements (+4 since last week). 2 systems have had no change in capacity (-1 since last week).



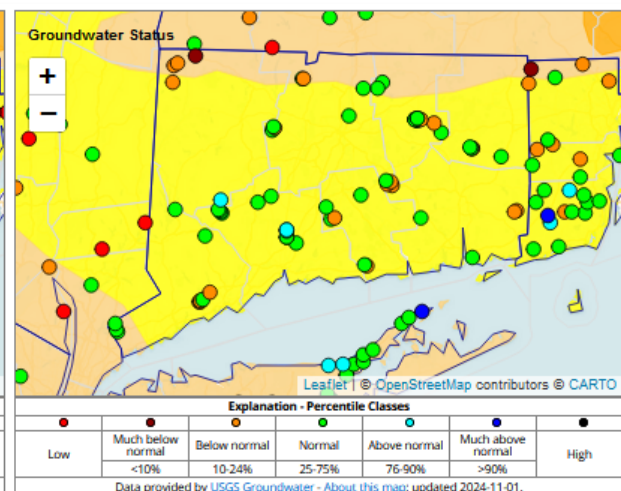
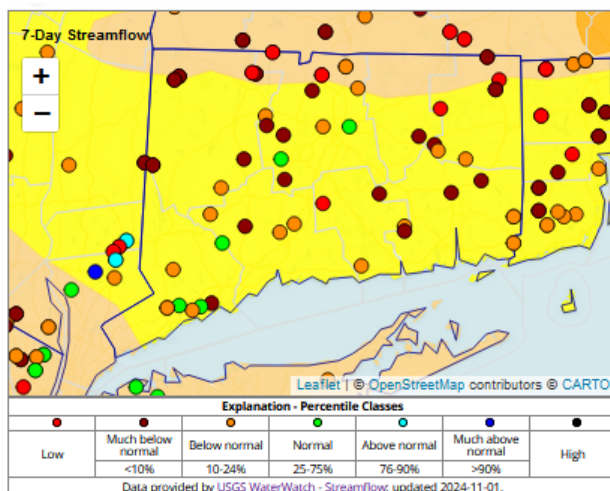
- UCONN Main Campus, Putnam Water, and East Lyme have entered into their 1st drought stage and/or requesting conservation. Norwich and New Britain are approaching their 1st drought stage trigger.
- **US Drought Monitor:** – US Drought Monitor has added an area of D1- moderate drought on the northern border of CT and on the southwest tip of CT. The remainder of CT is in D0 abnormally dry.
- <https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CT>



- Last USDM week (between October 23rd and October 29th), CT received trace amounts of precipitation across the state (Map 1). 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 low. 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	↓	77.90	93	10/13/2024	75.40	FAIRFIELD
CT1030011	Norwalk First Taxing District	10/27/2024	66.90	No Drought Stage	↓	71.10	94	10/20/2024	69.80	FAIRFIELD
CT1030021	South Norwalk Electric & Water	10/28/2024	58.60	No Drought Stage	↓	61.20	96	10/21/2024	61.60	FAIRFIELD
CT0150011	Aquarion Water Co of CT-Main System	10/6/2024	83.60	No Drought Stage	↓	81.60	102	9/29/2024	85.90	FAIRFIELD
CT0090011	Bethel Water Dept	10/20/2024	99.40	No Drought Stage	↓	94.20	106	10/13/2024	99.70	FAIRFIELD
CT1350011	Aquarion Water Co of CT-Stamford	10/6/2024	73.20	No Drought Stage	↓	67.30	109	9/29/2024	74.60	FAIRFIELD
CT0570011	Aquarion Water Co of CT-Greenwich System	10/6/2024	72.20	No Drought Stage	↓	65.90	110	9/29/2024	72.40	FAIRFIELD
CT0473011	CTWC - Northern Reg-Western System	10/24/2024	64.40	No Drought Stage	↓	78.20	82	10/10/2024	69.60	HARTFORD
CT0770021	Manchester Water Department	10/27/2024	79.70	No Drought Stage	↓	84.00	95	10/6/2024	85.80	HARTFORD
CT0170011	Bristol Water Department	10/27/2024	77.40	No Drought Stage	↓	80.70	96	10/6/2024	85.50	HARTFORD
CT0640011	Metropolitan District Commission	10/28/2024	90.10	No Drought Stage	↓	85.00	106	10/21/2024	91.20	HARTFORD
CT0890011	New Britain Water Department	10/24/2024	69.90	Approaching Trigger Level	↓	64.10	109	10/17/2024	71.60	HARTFORD
CT1310011	Southington Water Department	10/26/2024	89.40	No Drought Stage	↓	64.60	138	10/18/2024	90.50	HARTFORD
CT1220011	Aquarion Water Co of CT-Salisbury Sys	10/6/2024	71.90	No Drought Stage	↓	91.10	79	9/29/2024	75.40	LITCHFIELD
CT0980011	Aquarion Water Co of CT-Norfolk System	10/6/2024	94.90	No Drought Stage	↓	98.00	97	9/29/2024	96.30	LITCHFIELD
CT1620011	Winsted Water Works	10/20/2024	93.40	No Drought Stage	↓	95.70	98	10/13/2024	96.70	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	10/6/2024	89.90	No Drought Stage	↓	73.40	122	9/29/2024	92.40	LITCHFIELD
CT0830011	Middletown Water Department	10/20/2024	60.40	No Drought Stage	↓	73.30	82	10/13/2024	62.80	MIDDLESEX
CT0830021	Connecticut Valley Hospital	10/21/2024	93.30	No Drought Stage	↓	93.10	100	10/14/2024	94.40	MIDDLESEX
CT0261031	CTWC - Shoreline Region-Chester System	10/24/2024	90.30	No Drought Stage	↓	88.80	102	10/10/2024	96.30	MIDDLESEX
CT0608011	CTWC - Shoreline Region-Guilford System	10/24/2024	70.60	No Drought Stage	↓↓	74.70	95	10/10/2024	83.60	NEW HAVEN
CT0930011	Regional Water Authority	10/27/2024	73.40	No Drought Stage	↓	72.30	102	10/20/2024	74.80	NEW HAVEN
CT1510011	Waterbury Water Department	9/22/2024	87.40	No Drought Stage	↓	84.80	103	9/15/2024	89.70	NEW HAVEN
CT0880011	CTWC - Naugatuck Region-Central System	10/24/2024	89.10	No Drought Stage	↓	85.30	104	10/10/2024	93.20	NEW HAVEN
CT1480011	Wallingford Water Department	10/25/2024	81.30	No Drought Stage	↓	76.90	106	10/18/2024	82.00	NEW HAVEN
CT0800011	Meriden Water Division	7/7/2024	96.00	No Drought Stage	↓	87.30	110	6/30/2024	96.20	NEW HAVEN
CT0580011	Jewett City Water Company	10/14/2024	60.70	No Drought Stage	↓	80.00	76	9/30/2024	66.90	NEW LONDON
CT1040011	Norwich Public Utilities	10/26/2024	80.70	Approaching Trigger Level	↓	79.90	101	10/19/2024	83.00	NEW LONDON
CT0590011	Groton Utilities	10/21/2024	88.00	No Drought Stage	↓	82.80	106	10/14/2024	89.30	NEW LONDON
CT1370011	Aquarion Water Co of CT-Mystic	10/6/2024	99.30	No Drought Stage	↑	89.00	112	9/29/2024	99.20	NEW LONDON
CT0950011	New London Dept. of Public Utilities	10/27/2024	66.60	No Drought Stage	↓	58.20	114	10/21/2024	67.80	NEW LONDON
CT1340011	CTWC - Northern Reg-Stafford System	10/24/2024	96.70	No Drought Stage	↓	97.40	99	10/10/2024	98.40	TOLLAND
CT1630011	Windham Water Works	10/27/2024	100.00	No Drought Stage	--	100.00	100	10/20/2024	100.00	WINDHAM

81.81

81.03 **100.96**

Ave Percent of Normal by County

↑	-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
Between 90% and 99% of Normal
Less than 90% of Normal
At 100% Full

21
9
4
2

101.43 FAIRFIELD
104.33 HARTFORD
99.80 LITCHFIELD
94.67 MIDDLESEX
103.33 NEW HAVEN
101.80 NEW LONDON
99.00 TOLLAND



CT Interagency Drought Workgroup NWS Update

Thursday November 7th 2024

Prepared by: NWS WFO Boston/Norton, MA

October 2024 Rainfall

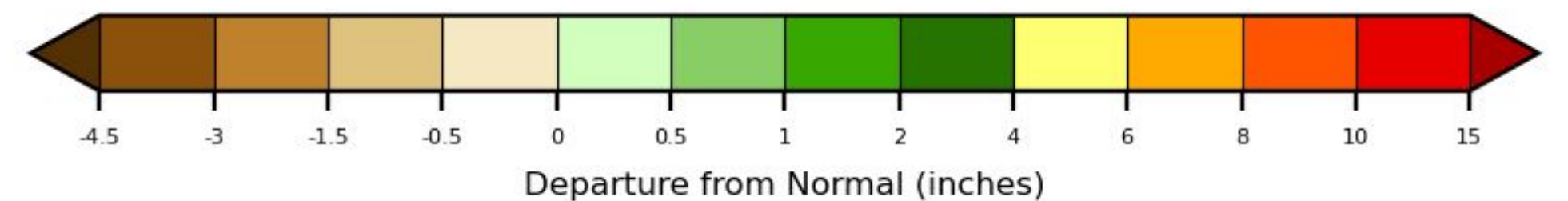
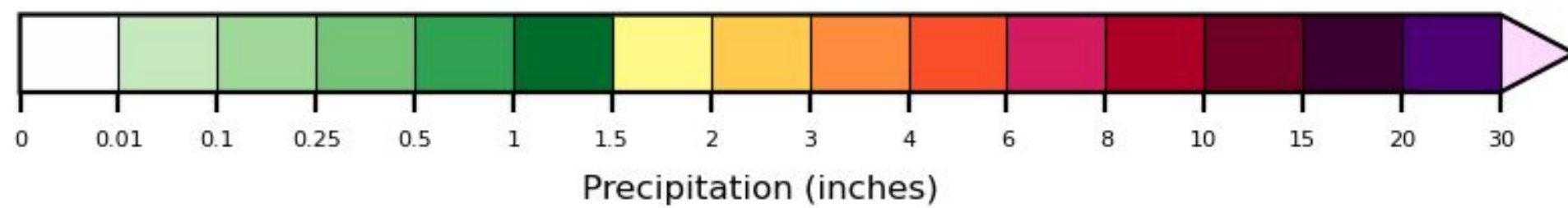
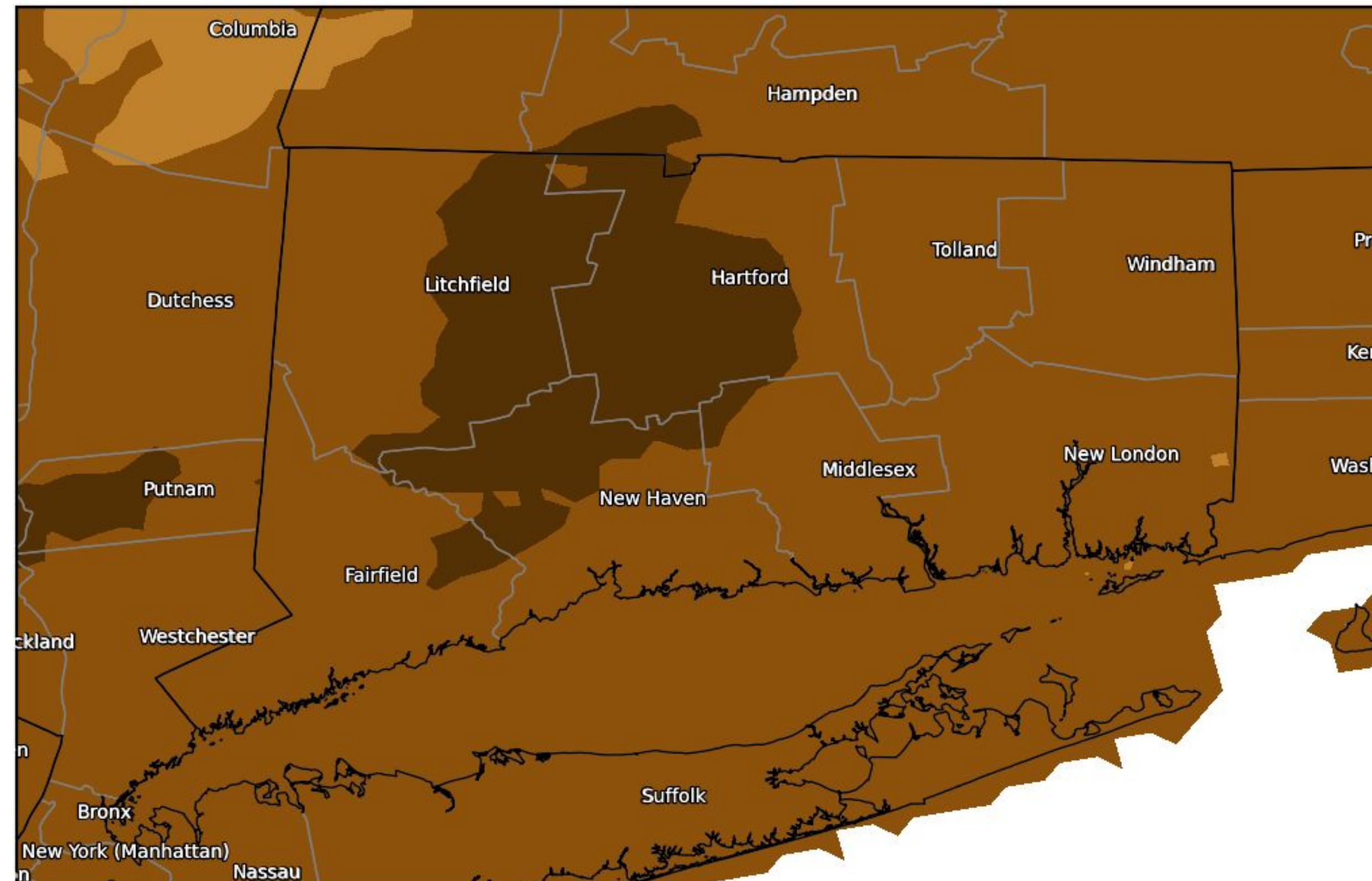
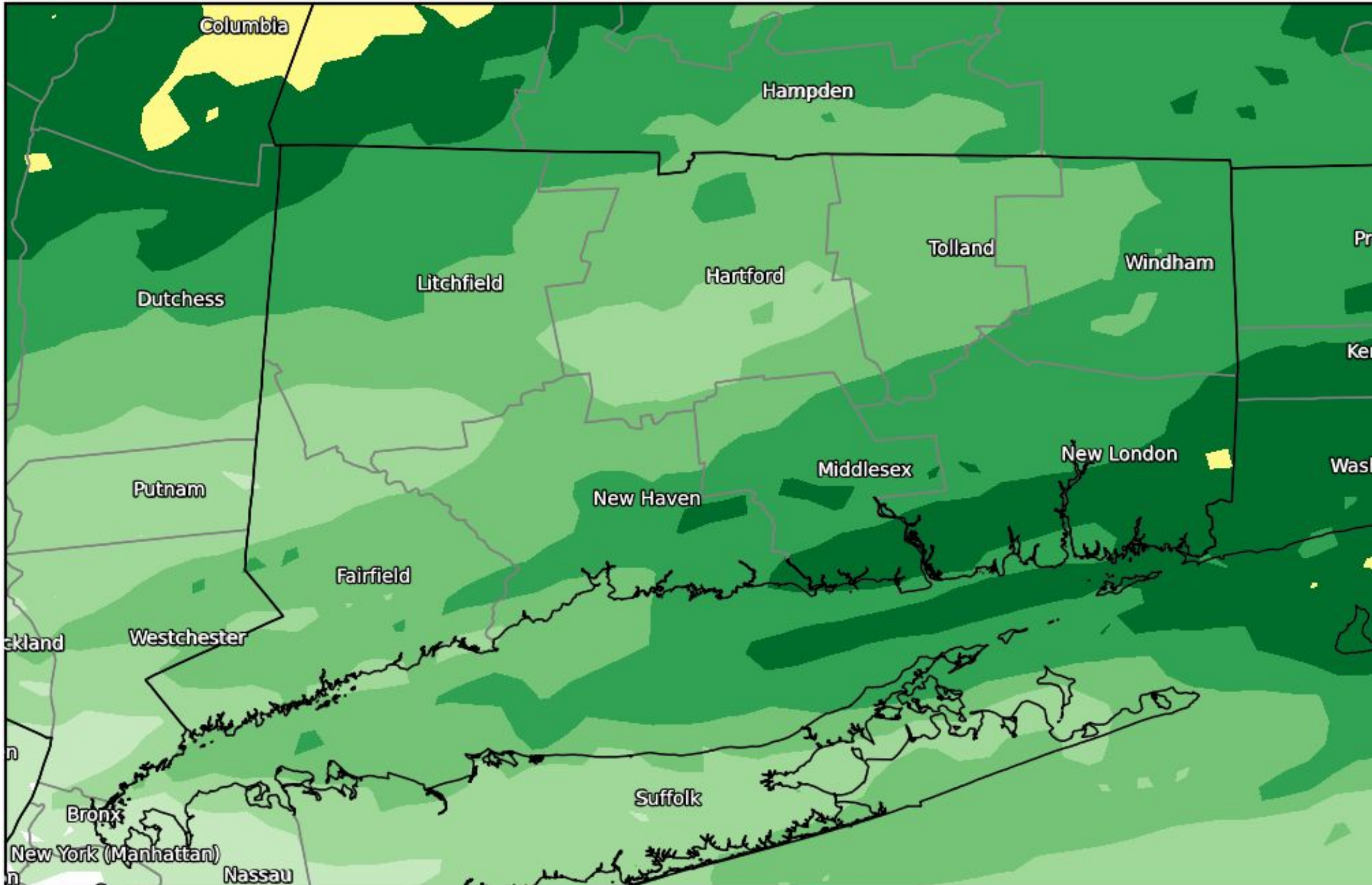
Precip departures 3 to 4 inches below normal in October



Boston/Norton MA
WEATHER FORECAST OFFICE

Accumulated Precipitation (inches)
October 01, 2024 to October 31, 2024

Precipitation Departure from Normal (inches)
October 01, 2024 to October 31, 2024



Percent of Normal Since May 1st

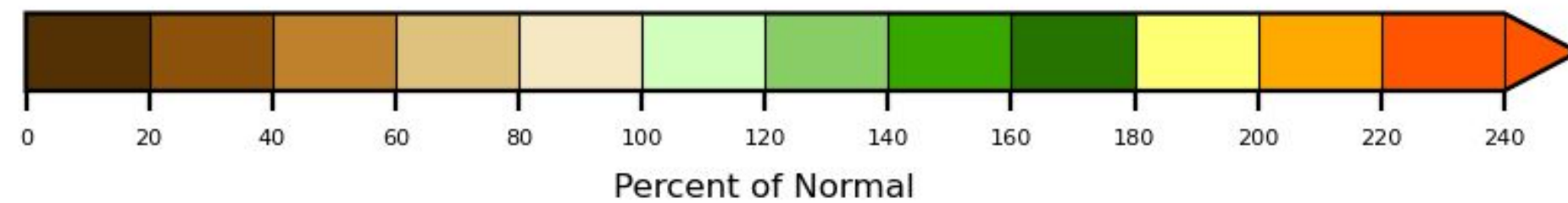
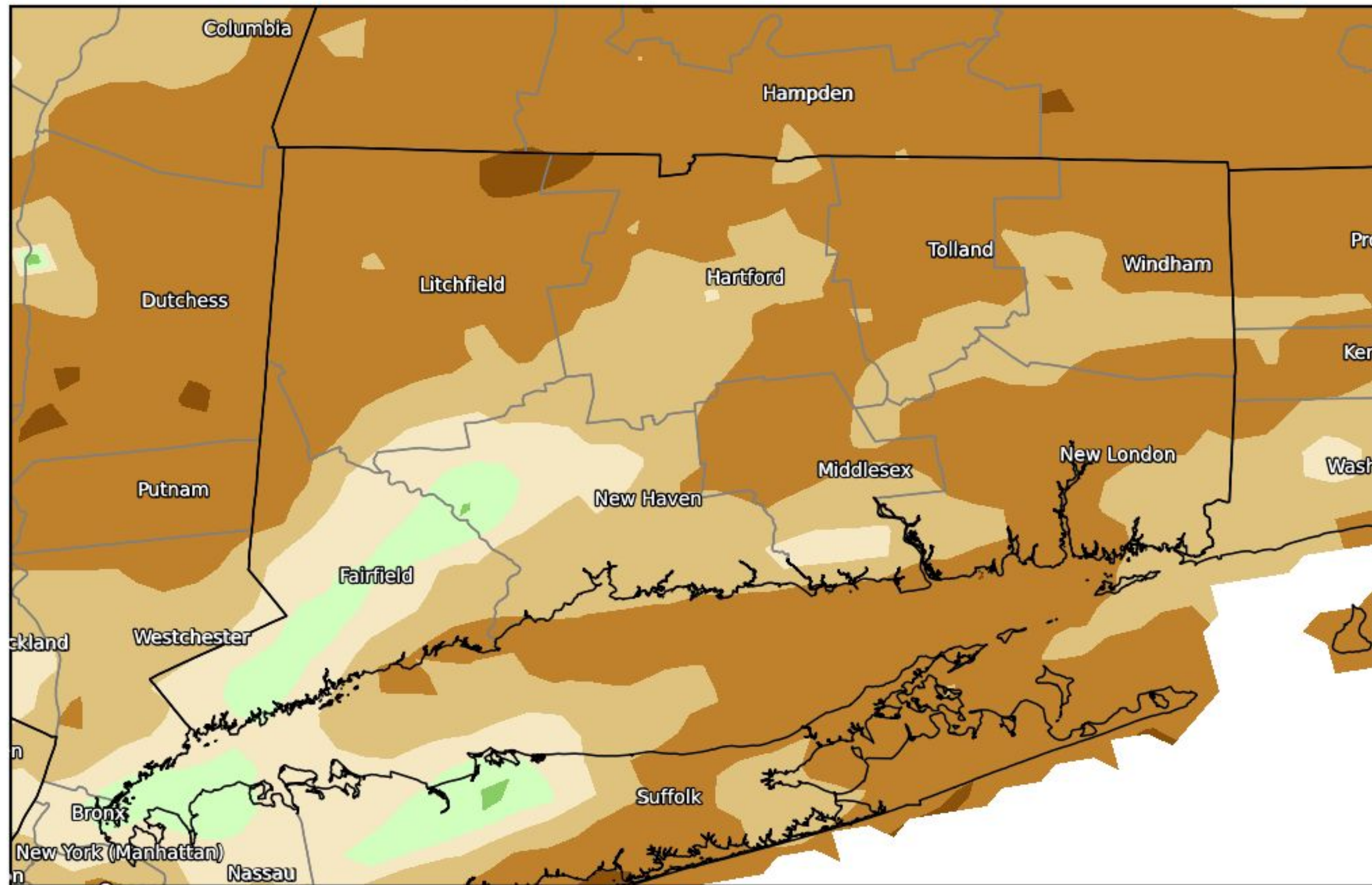
Near Normal over last 6 months. Below normal last 3 months



Boston/Norton MA
WEATHER FORECAST OFFICE

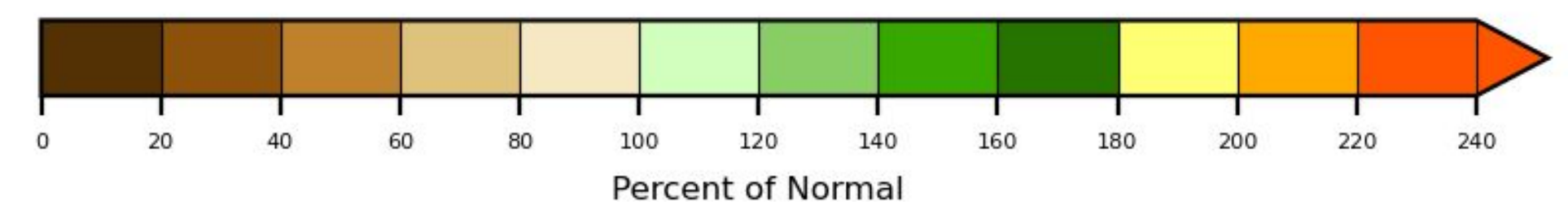
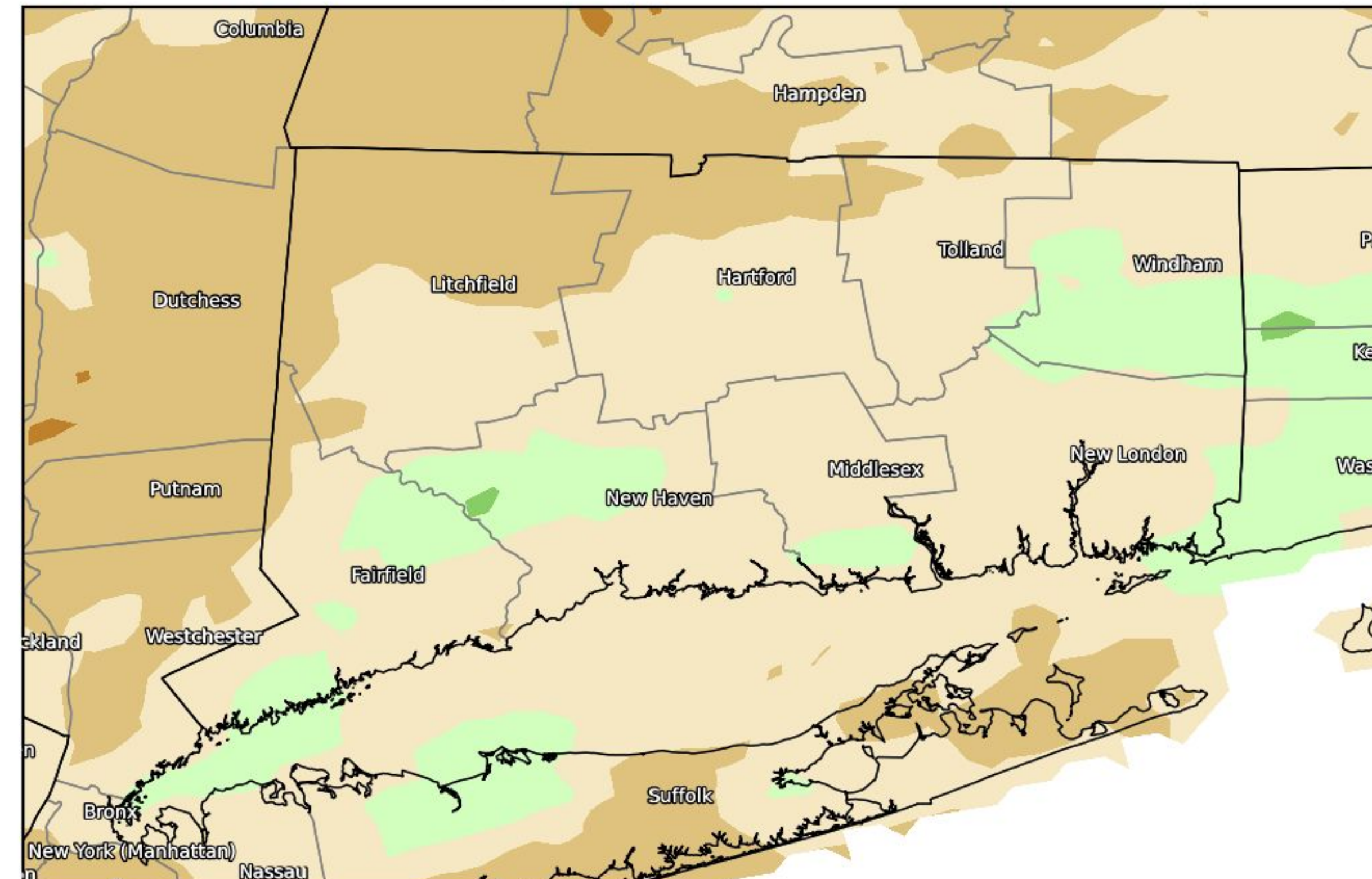
3 Months

Precipitation Percent of Normal
August 01, 2024 to October 31, 2024



6 Months

Precipitation Percent of Normal
May 01, 2024 to October 31, 2024



CPC November Outlook

Slight tilt toward below normal precip. Likely above normal temps

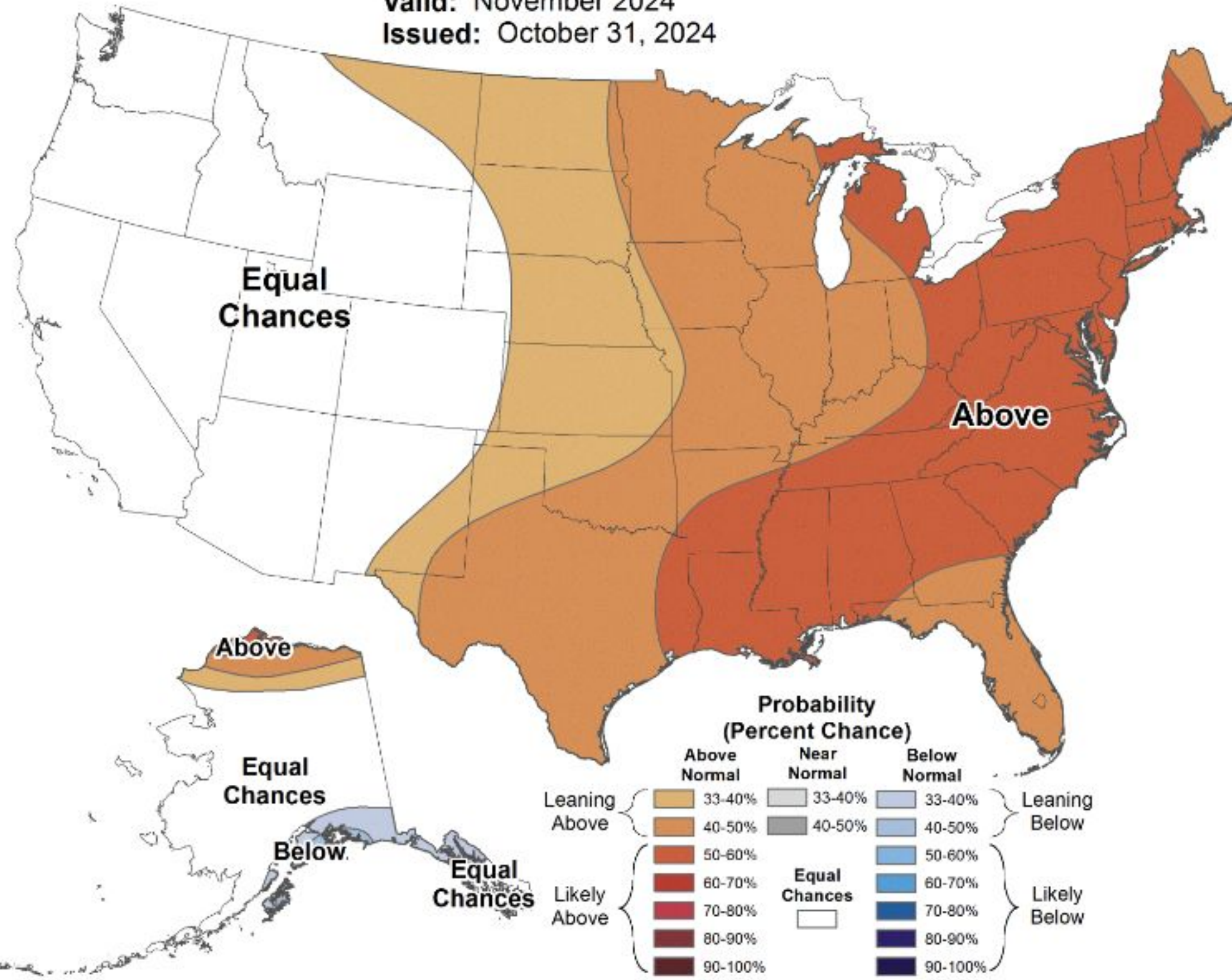


Boston/Norton MA
WEATHER FORECAST OFFICE



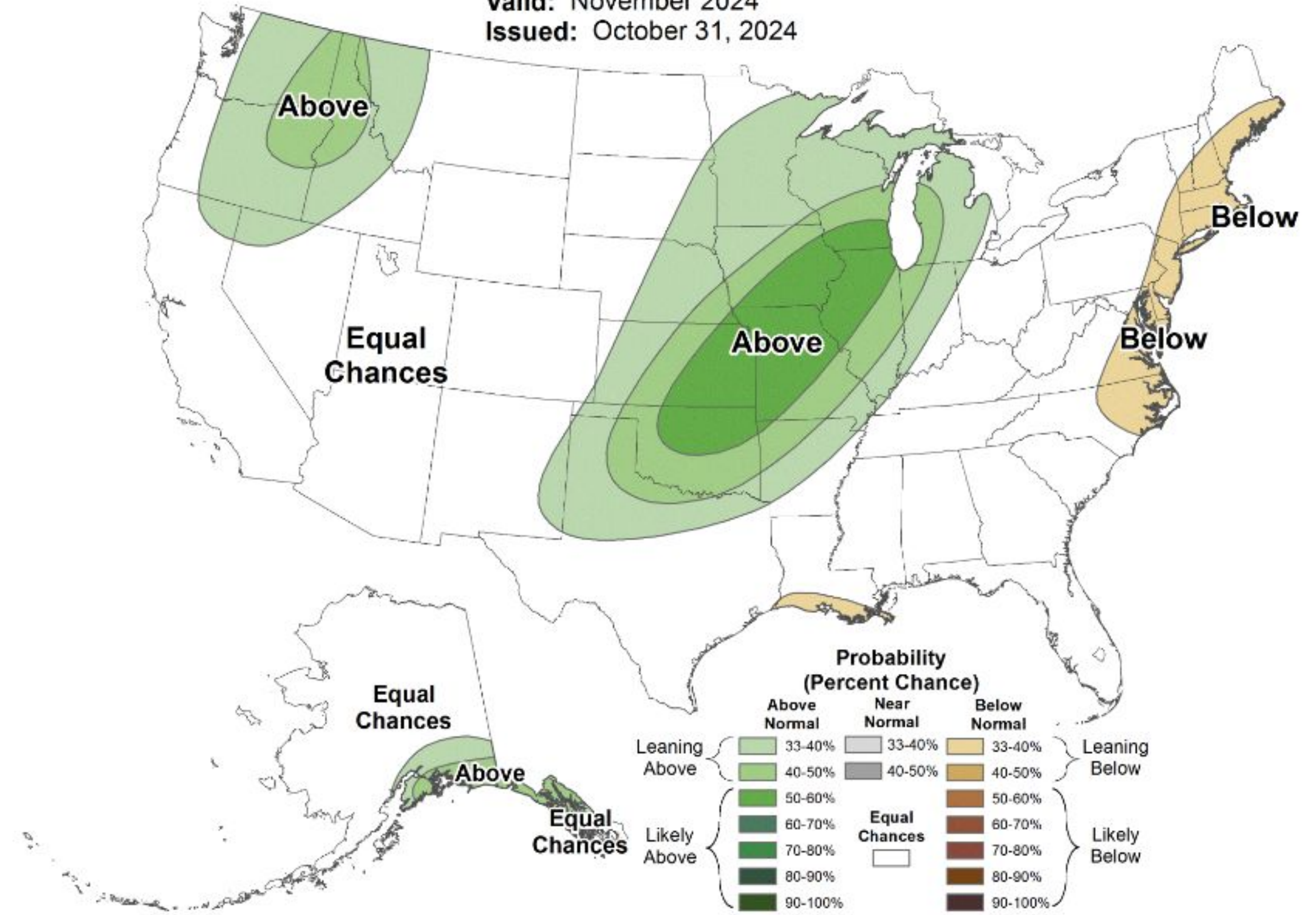
Monthly Temperature Outlook

Valid: November 2024
Issued: October 31, 2024



Monthly Precipitation Outlook

Valid: November 2024
Issued: October 31, 2024



CPC 3 Month Outlook (Nov-Dec-Jan)

Odds tilted toward above normal temps



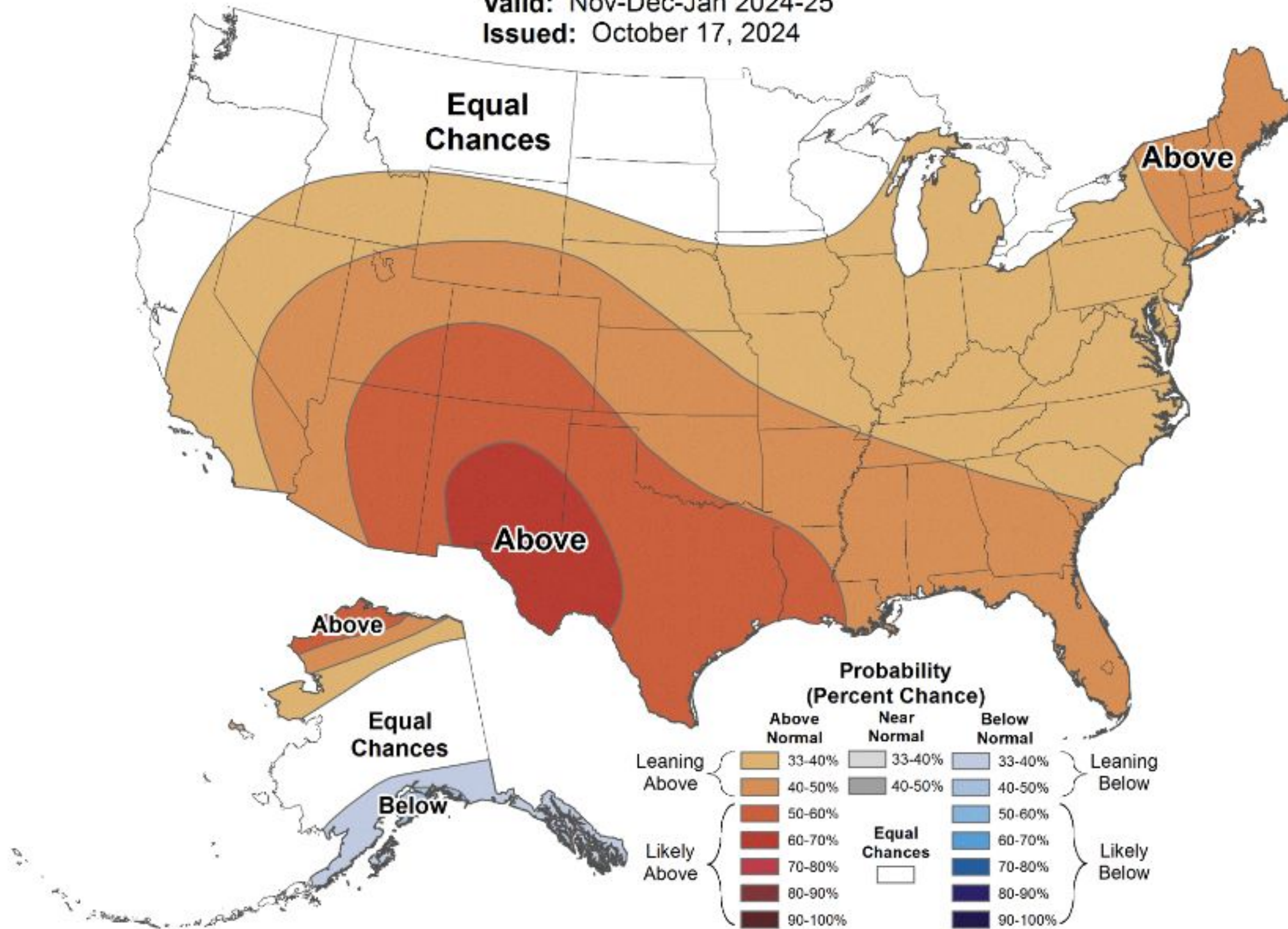
Boston/Norton MA
WEATHER FORECAST OFFICE



Seasonal Temperature Outlook



Valid: Nov-Dec-Jan 2024-25
Issued: October 17, 2024



Seasonal Precipitation Outlook



Valid: Nov-Dec-Jan 2024-25
Issued: October 17, 2024

