

# Connecticut Drought Conditions Report

Monthly Update for April 2024



Interagency Drought Workgroup  
June 6, 2024  
Regular Meeting

**U.S. Drought Monitor (USDM):** The map included in this report is from April 23, 2024. The entire state of Connecticut has continued to have no drought classification via the USDM. This trend has continued every week since the September 7, 2023 IDW Meeting.

**U.S. Drought Monitor**



**Drought & Dryness Categories**

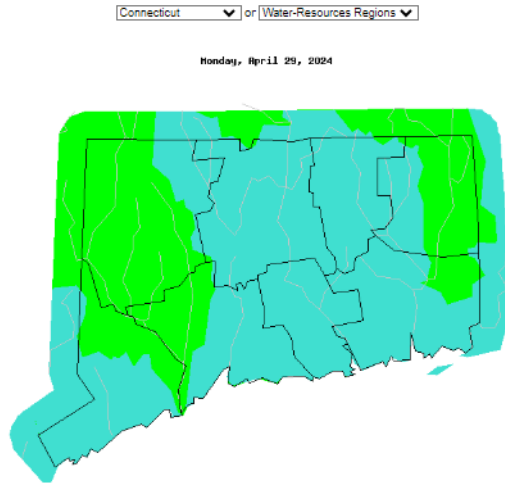
	% of CT
D0 – Abnormally Dry	0.0%
D1 – Moderate Drought	0.0%
D2 – Severe Drought	0.0%
D3 – Extreme Drought	0.0%
D4 – Exceptional Drought	0.0%
Total Area in Drought (D1–D4)	0.0%

Source(s): NDMC, NOAA, USDA  
 Data Valid: 04/23/24

**Drought.gov**

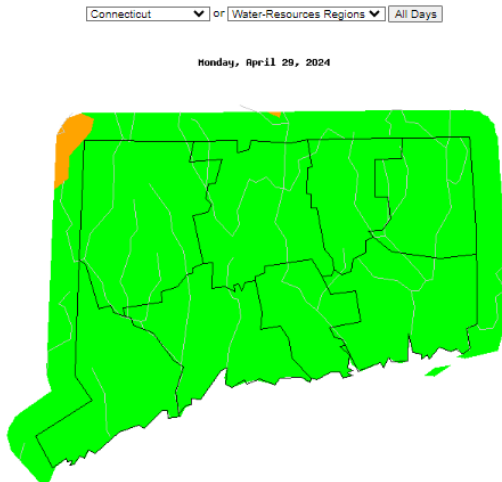
**Streamflow Levels:** As of April 29, 2024 – Streamflow levels primarily measured Normal or Above Normal, relative to historical monthly data. The daily streamflow levels on April 29, 2024 were normal throughout the state. Both maps can be found below:

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



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		

**Map of daily streamflow compared to historical streamflow for the day of the year (Connecticut)**

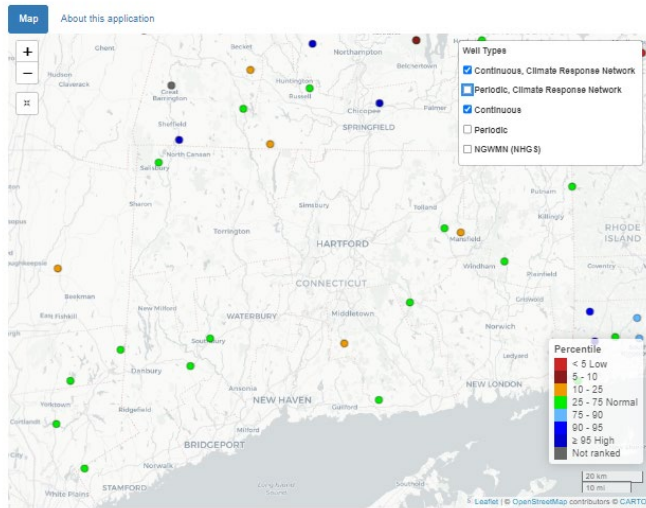


Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

**Groundwater Levels:** As of April 29, 2024, continuous groundwater well measurements ranged from Normal (25-75% of normal) to Below Normal (10-25% of normal), as shown in the first map below. Periodic groundwater well measurements ranged from Normal, Above and Much Above Normal. The map for periodic groundwater well measurements is the second map below.

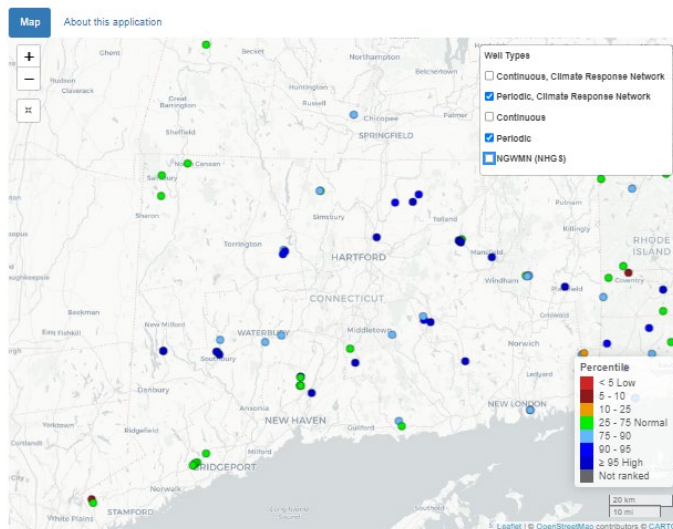
### Groundwater Levels in New England

Recent conditions relative to historical monthly statistics



### Groundwater Levels in New England

Recent conditions relative to historical monthly statistics



# Connecticut Drought Conditions Report

Monthly Update for May 2024



Interagency Drought Workgroup  
June 6, 2024  
Regular Meeting

**U.S. Drought Monitor (USDM):** The map included in this report is from May 30, 2024. The entire state of Connecticut has continued to have no drought classification via the USDM. This trend has continued every week since the September 7, 2023 IDW Meeting.

**Map released: Thurs. May 30, 2024**

Data valid: May 28, 2024 at 8 a.m. EDT

### Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

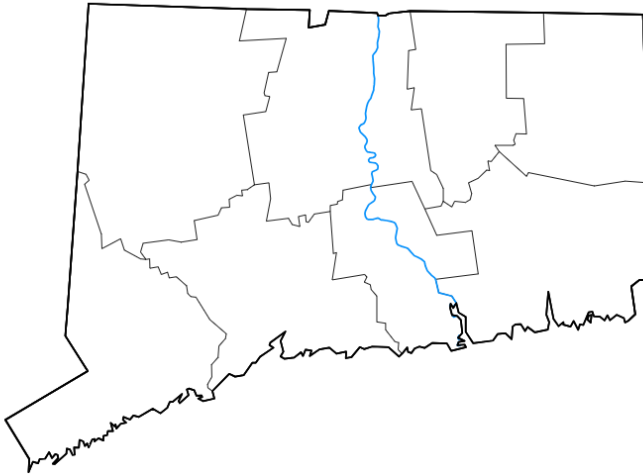
### Authors

United States and Puerto Rico Author(s):

[Rocky Bilotta](#), NOAA/NCEI

Pacific Islands and Virgin Islands Author(s):

[Lindsay Johnson](#), National Drought Mitigation Center

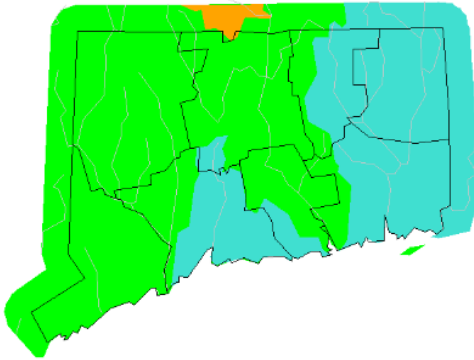


**Streamflow Levels:** Two maps of the 28-day average streamflow are included below. The first is from Tuesday June 4<sup>th</sup>, which compares the streamflow relative to the entire month of June. The first map shows levels at Normal, Above Normal, and Much Above Normal. The second map is from Tuesday, May 21<sup>st</sup>, comparing the streamflow relative to the entire month of May. In the second map, the majority of Fairfield County is at Below Normal, and the rest of the state is at Normal streamflow.

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

Connecticut or Water-Resources Regions

Tuesday, June 04, 2024



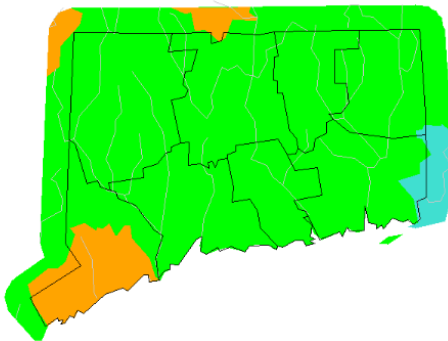
USGS

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		

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

Connecticut or Water-Resources Regions

Tuesday, May 21, 2024



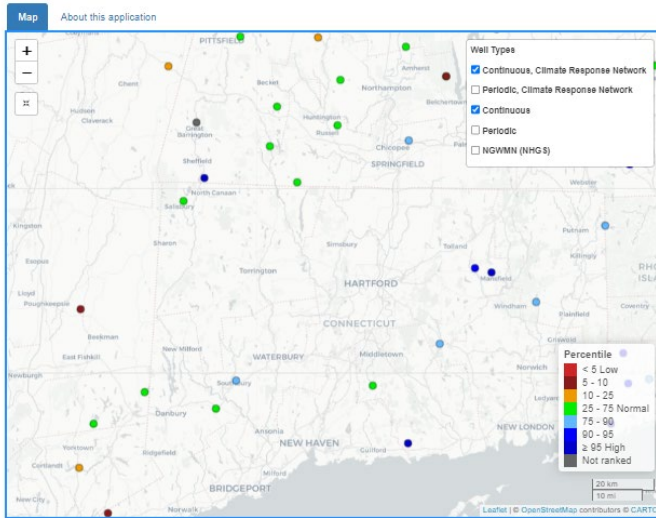
USGS

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:** As of May 22 2024, continuous groundwater well measurements ranged from Normal (25-75% of normal) Normal, Above and Much Above Normal, as shown in the first map below. Periodic groundwater well measurements ranged from Normal, Above and Much Above Normal. The map for periodic groundwater well measurements is the second map below.

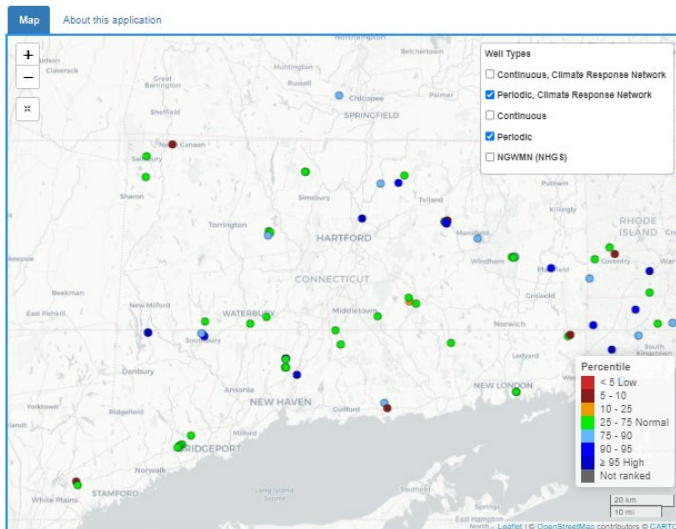
### Groundwater Levels in New England

Recent conditions relative to historical monthly statistics



### Groundwater Levels in New England

Recent conditions relative to historical monthly statistics



For additional information on weather impacts from May 2024 and Spring 2024 see the [Northeast Regional Climate Center's recap slides](#).





# CT Interagency Drought Workgroup NWS Update

Thursday, June 6<sup>th</sup> 2024

*Prepared by: NWS WFO Boston, MA*

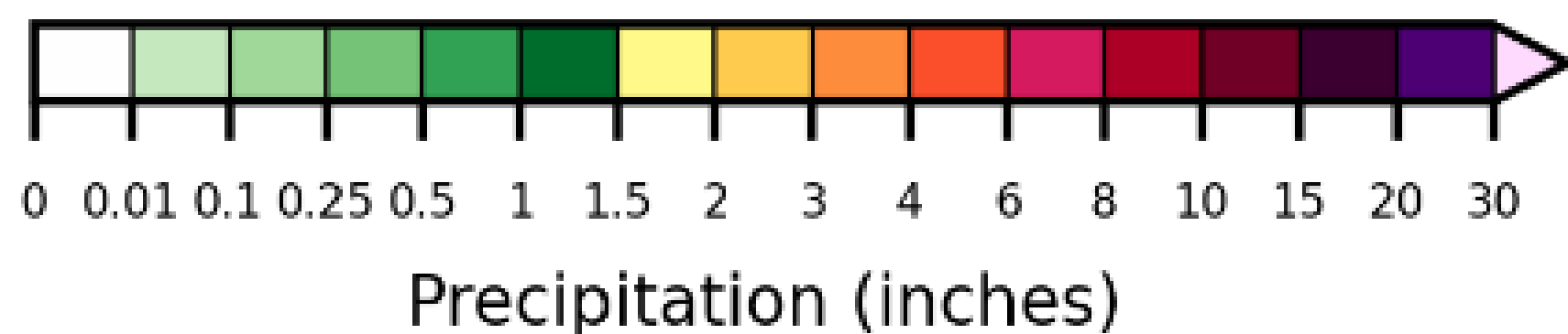
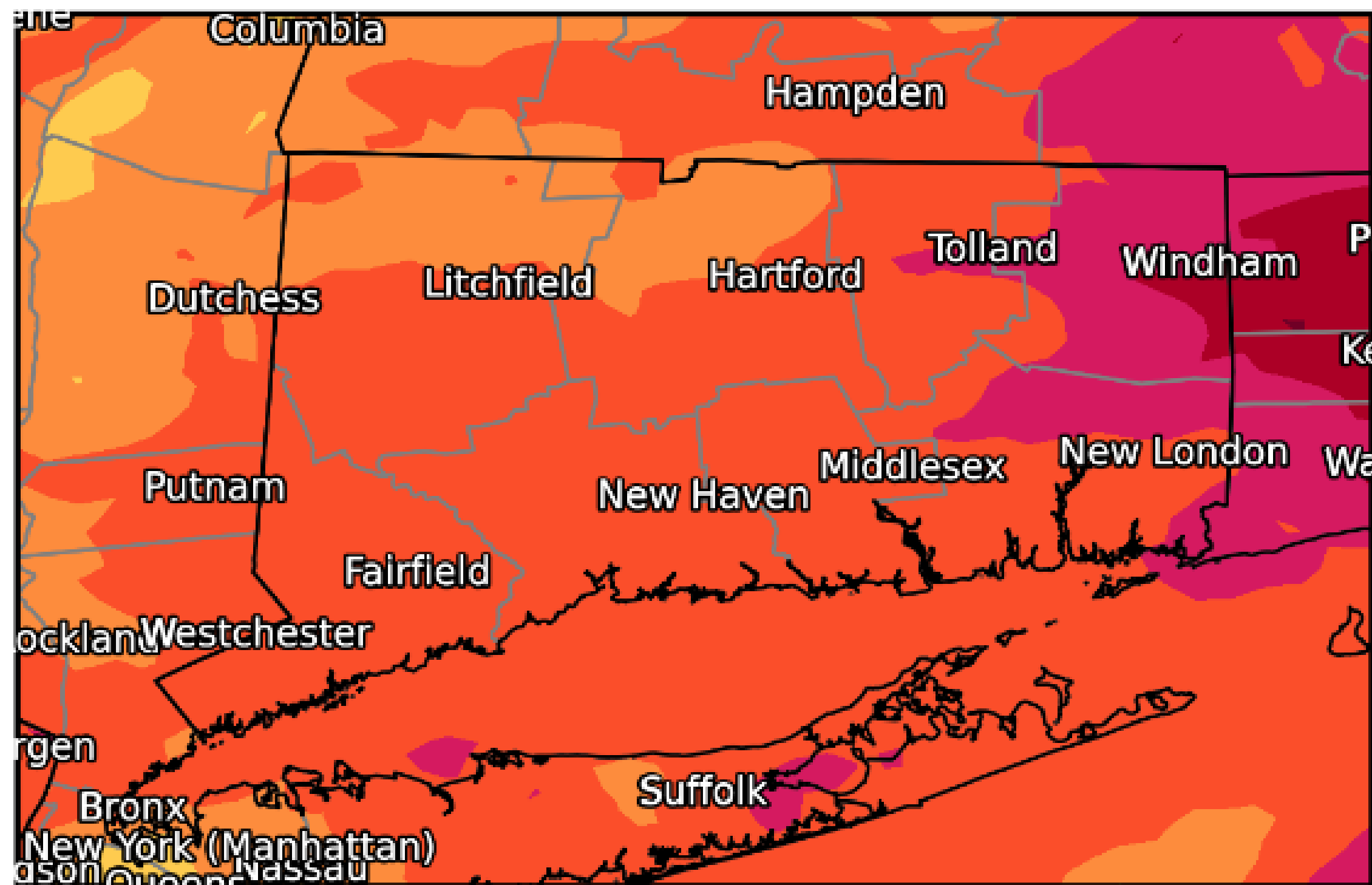


# May 2024 Recap – Precip Totals

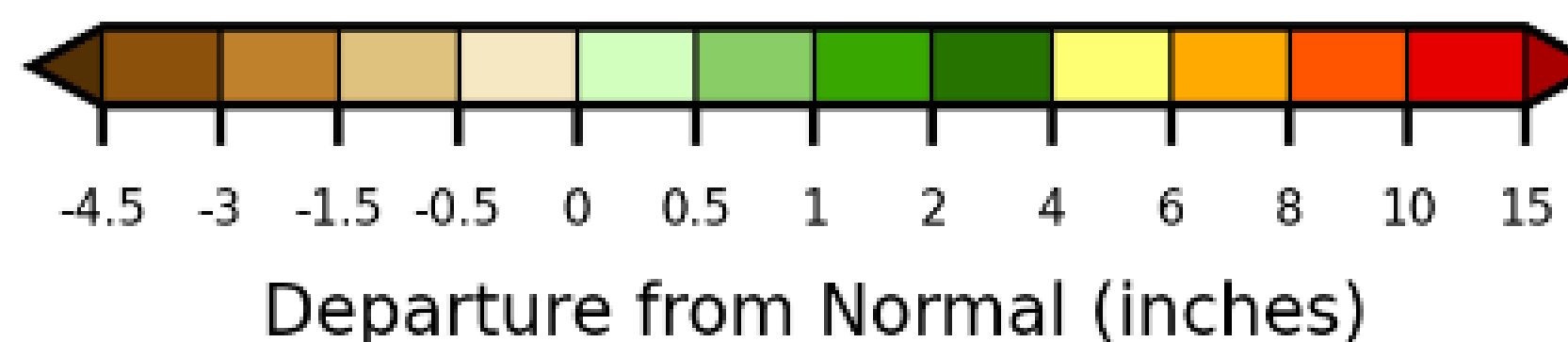
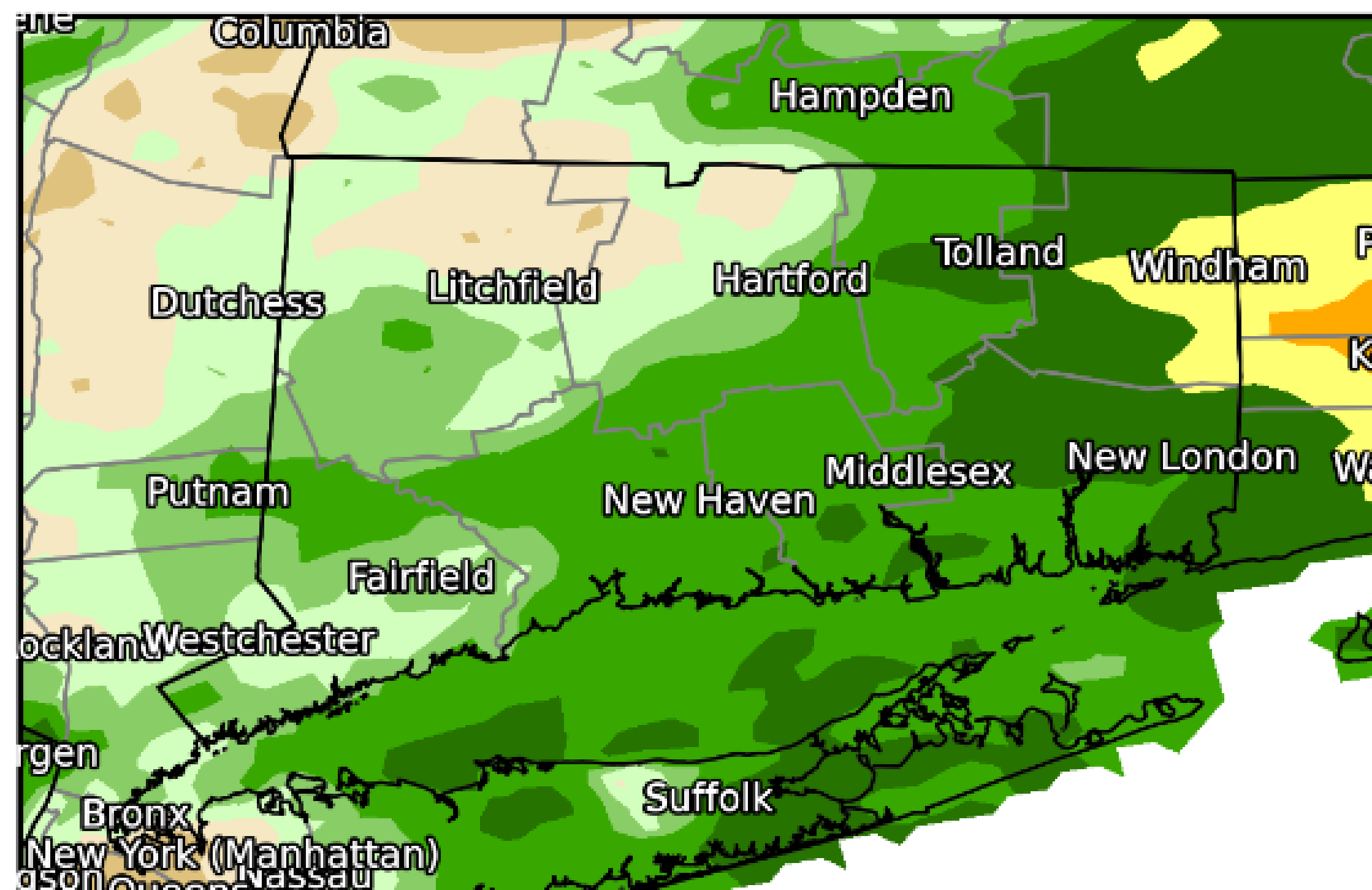


Albany, NY  
WEATHER FORECAST OFFICE

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



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

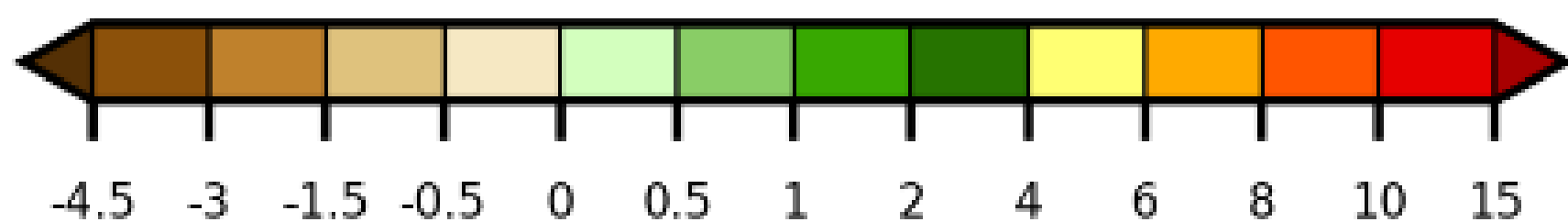
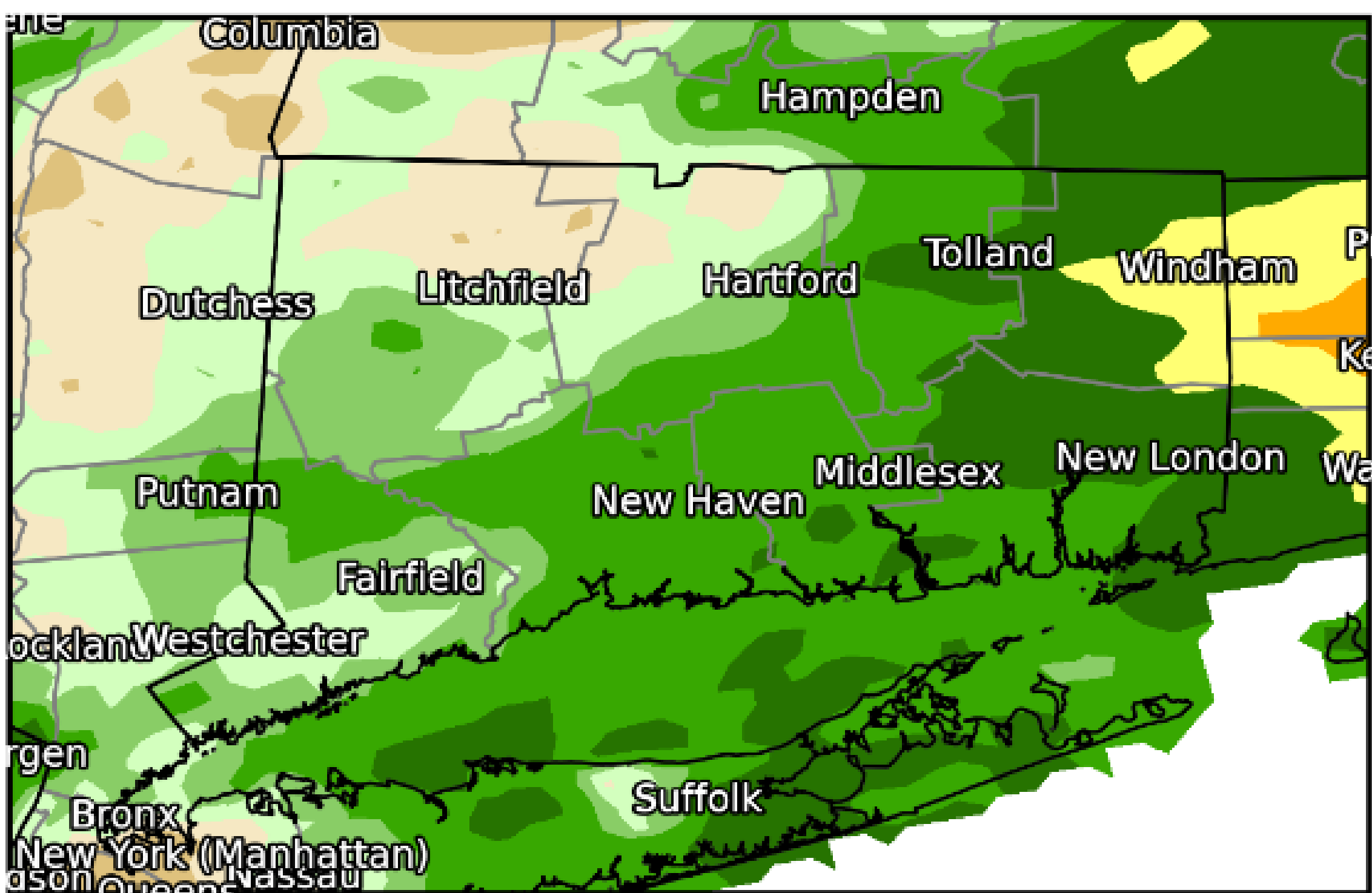


# 1 and 2 Month Percent of Normal Precip



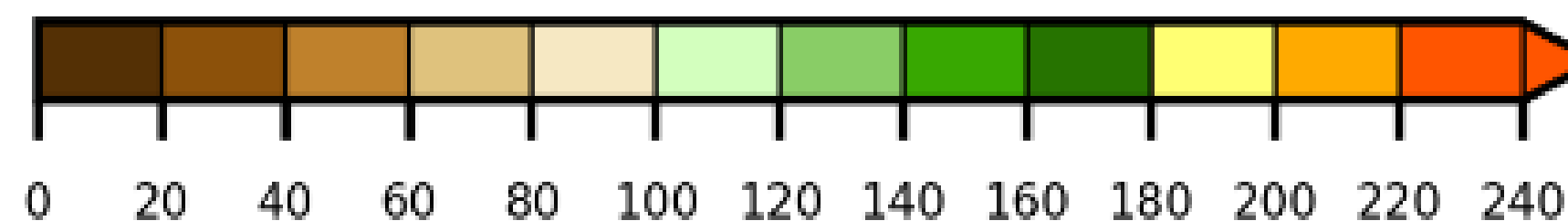
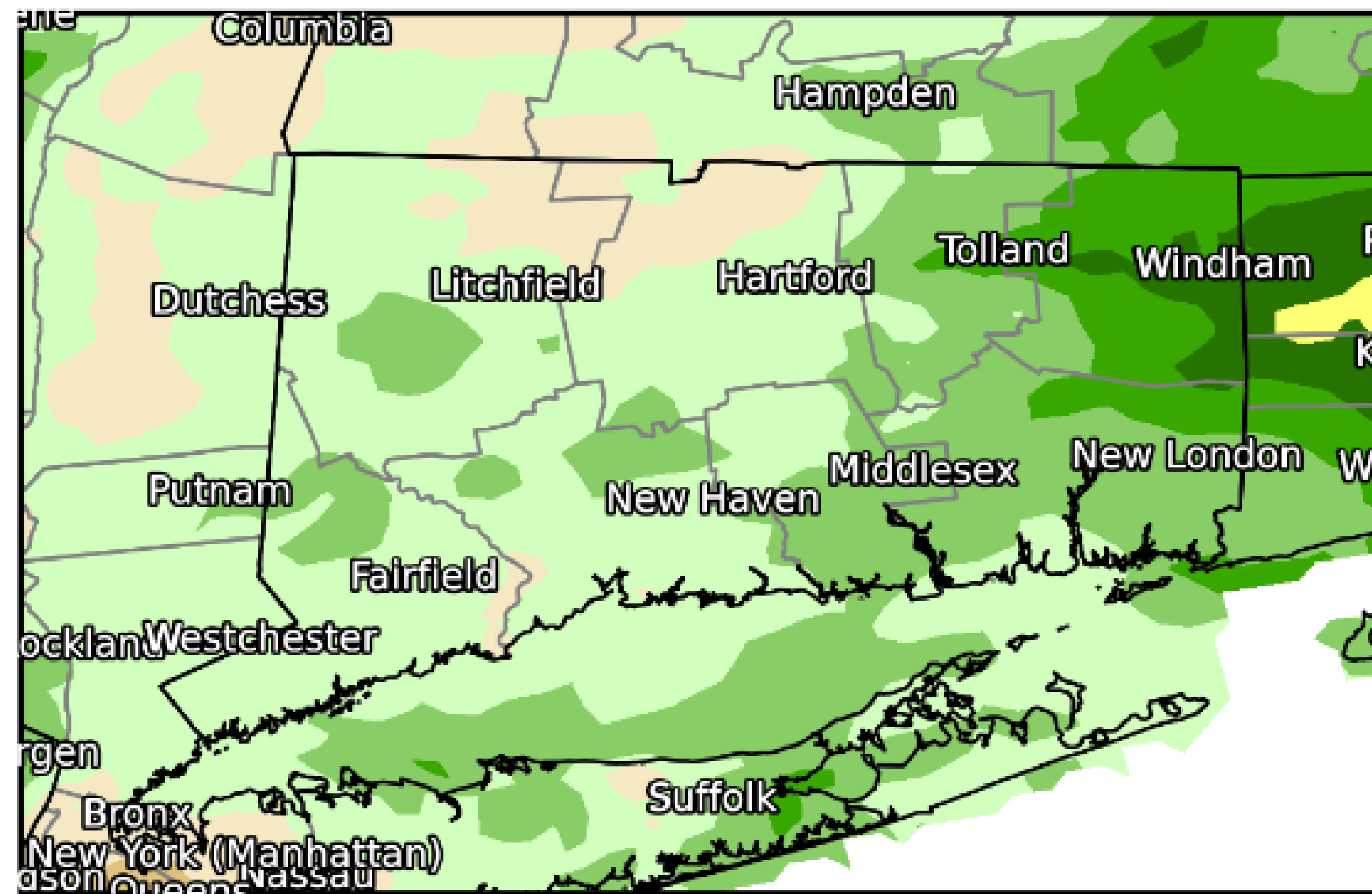
Albany, NY  
WEATHER FORECAST OFFICE

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



Departure from Normal (inches)

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



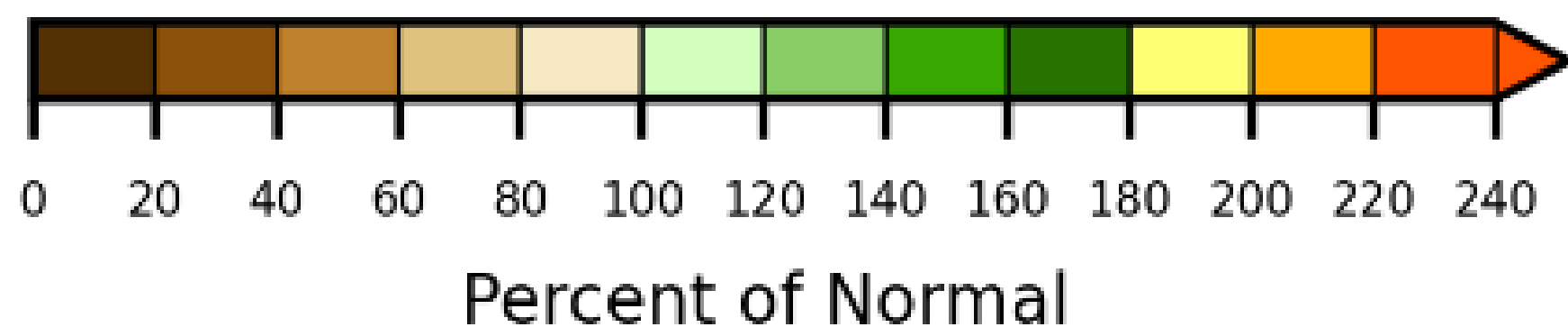
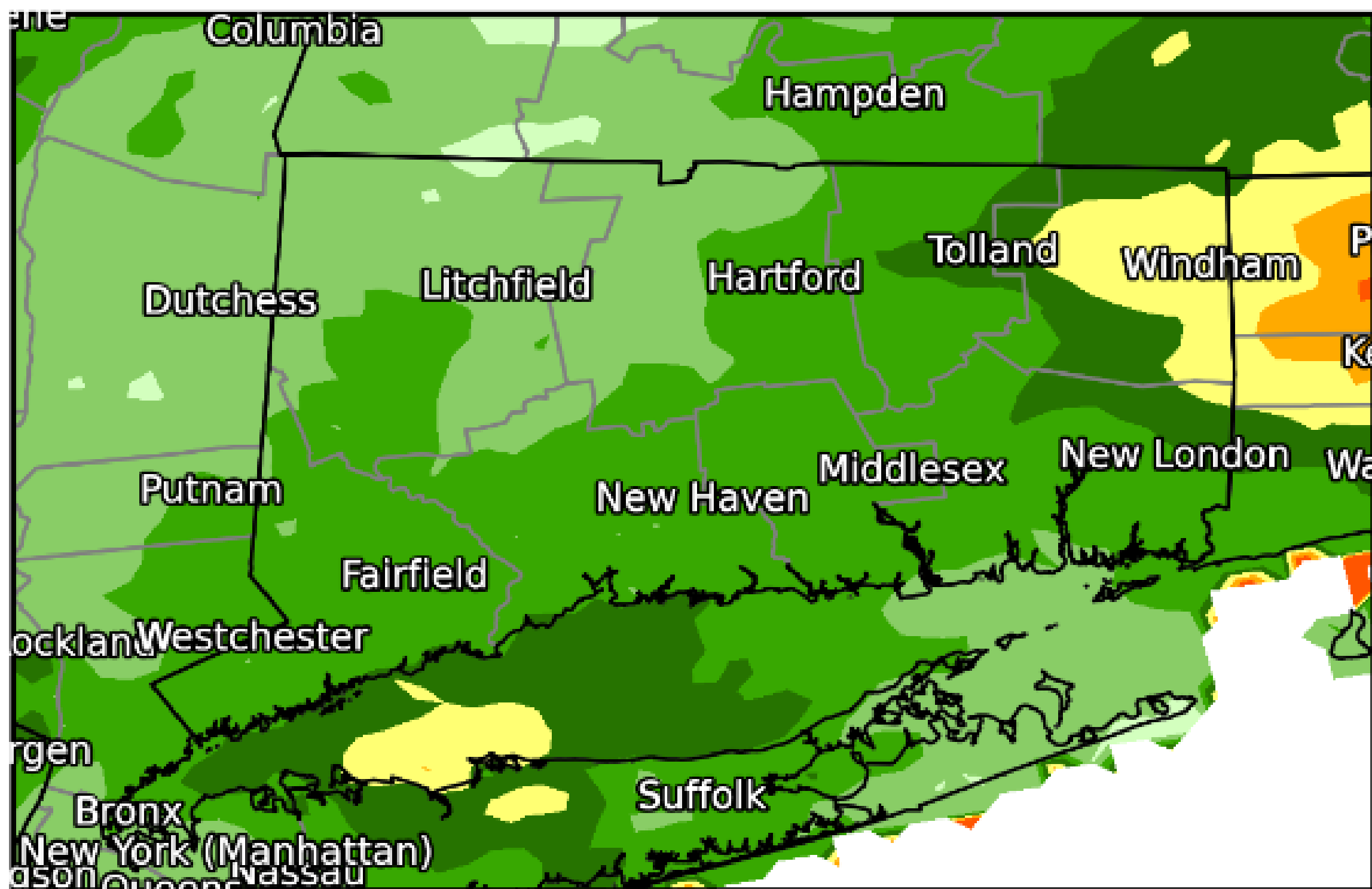
Percent of Normal

# 3 and 6 Month Percent of Normal Precip

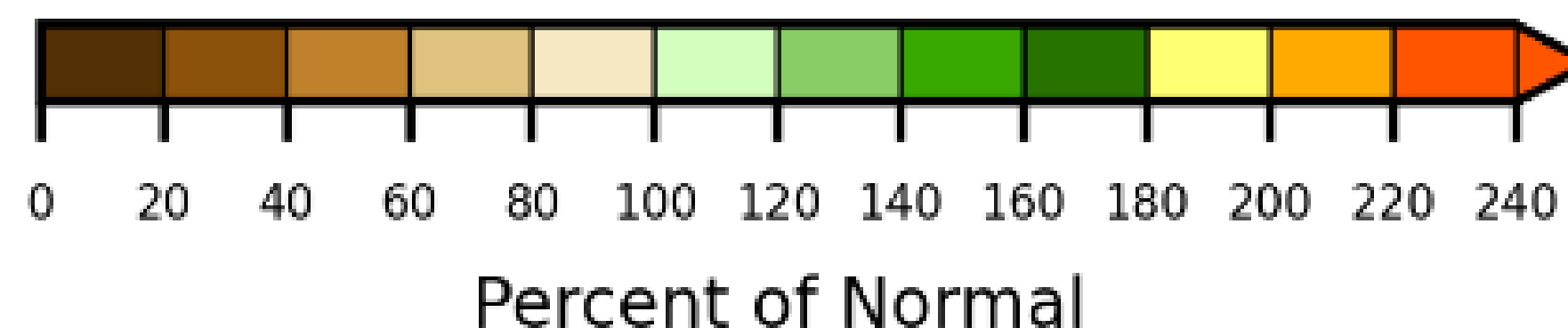
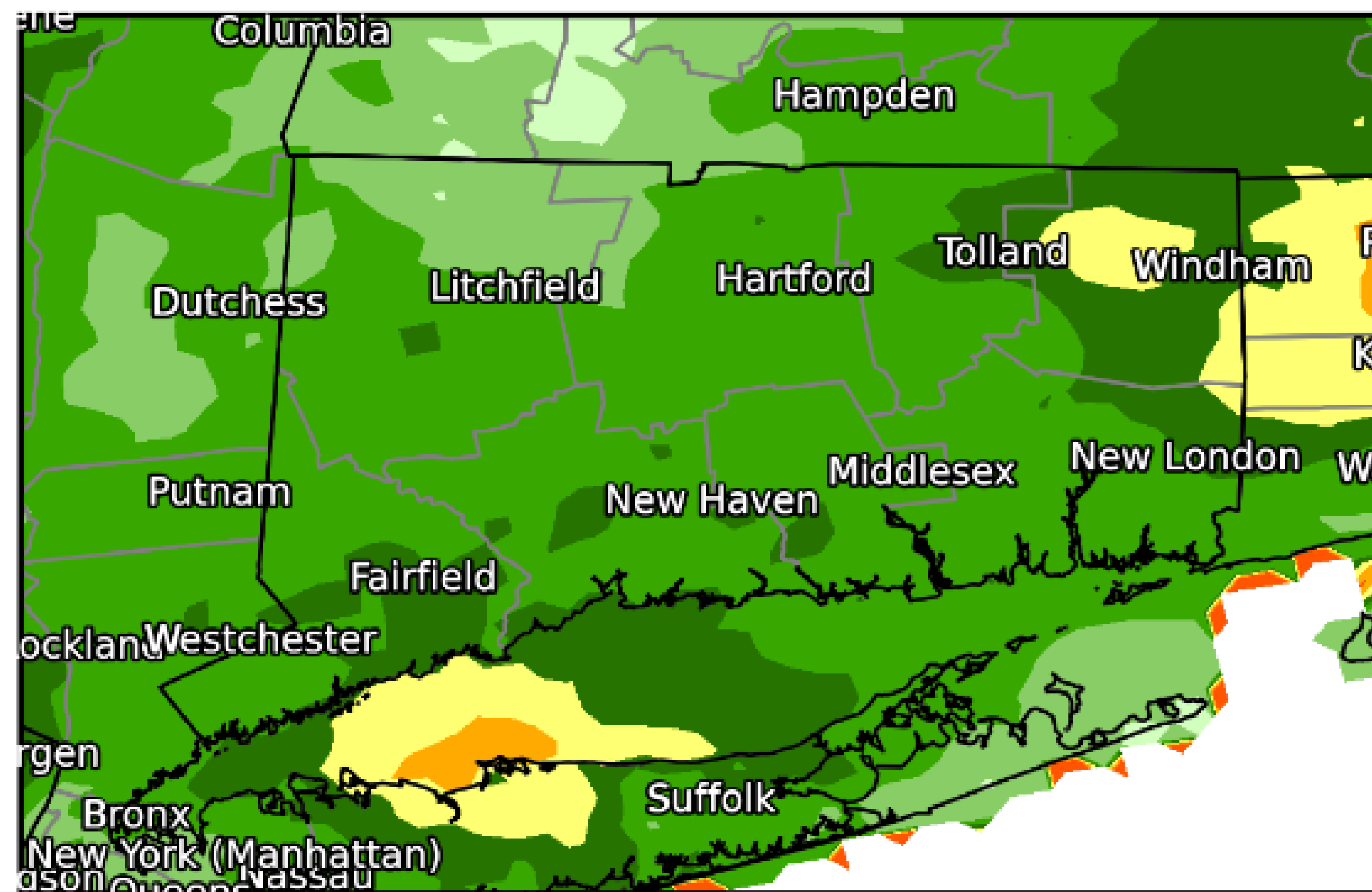


Albany, NY  
WEATHER FORECAST OFFICE

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



Precipitation Percent of Normal  
December 01, 2023 to May 31, 2024



# CPC Outlook for June 2024



Albany, NY  
WEATHER FORECAST OFFICE

