

April Review & Northeast DEWS Discussion

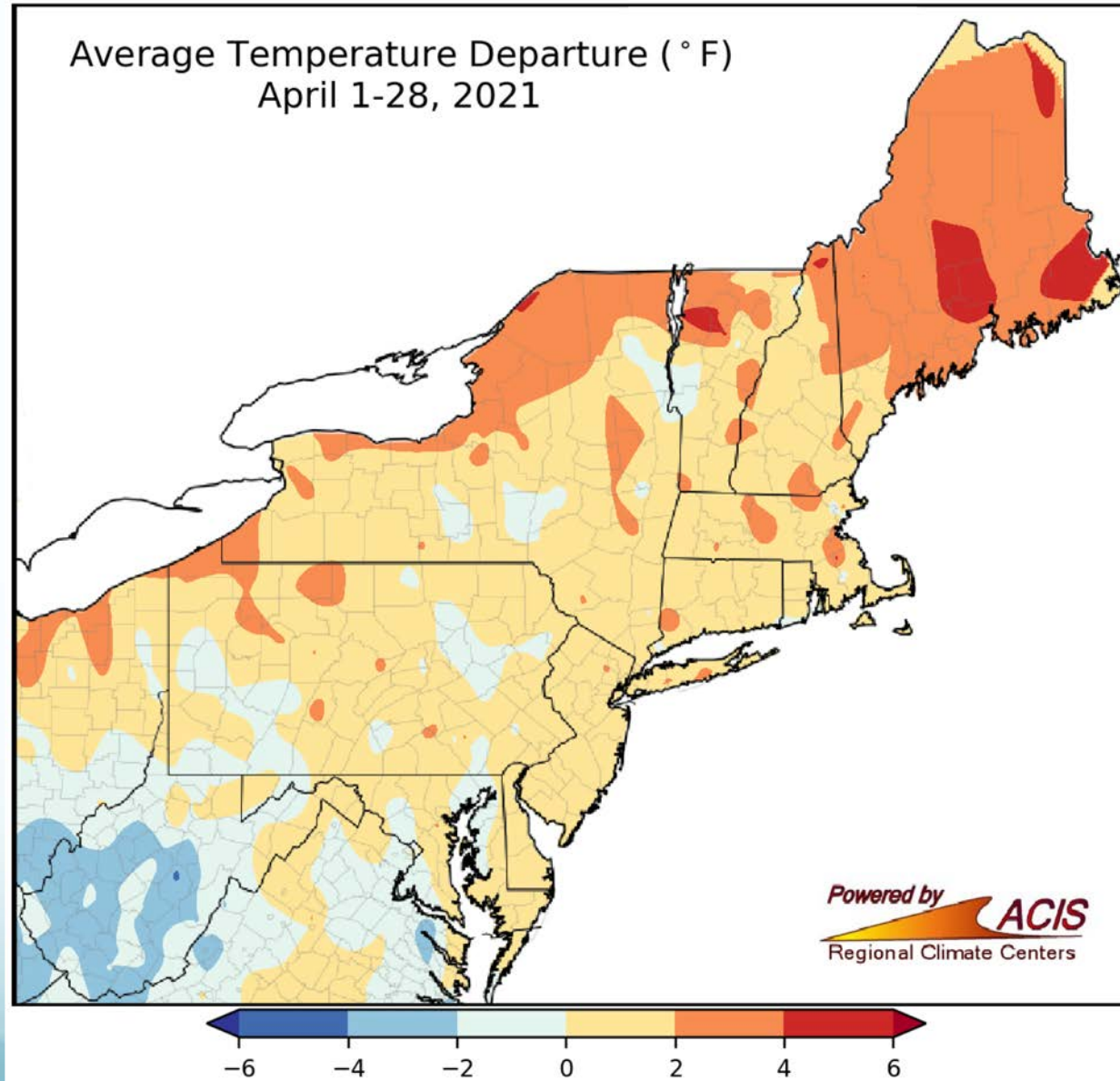
By: Samantha Borisoff, Climatologist
Northeast Regional Climate Center



Northeast Regional
Climate Center

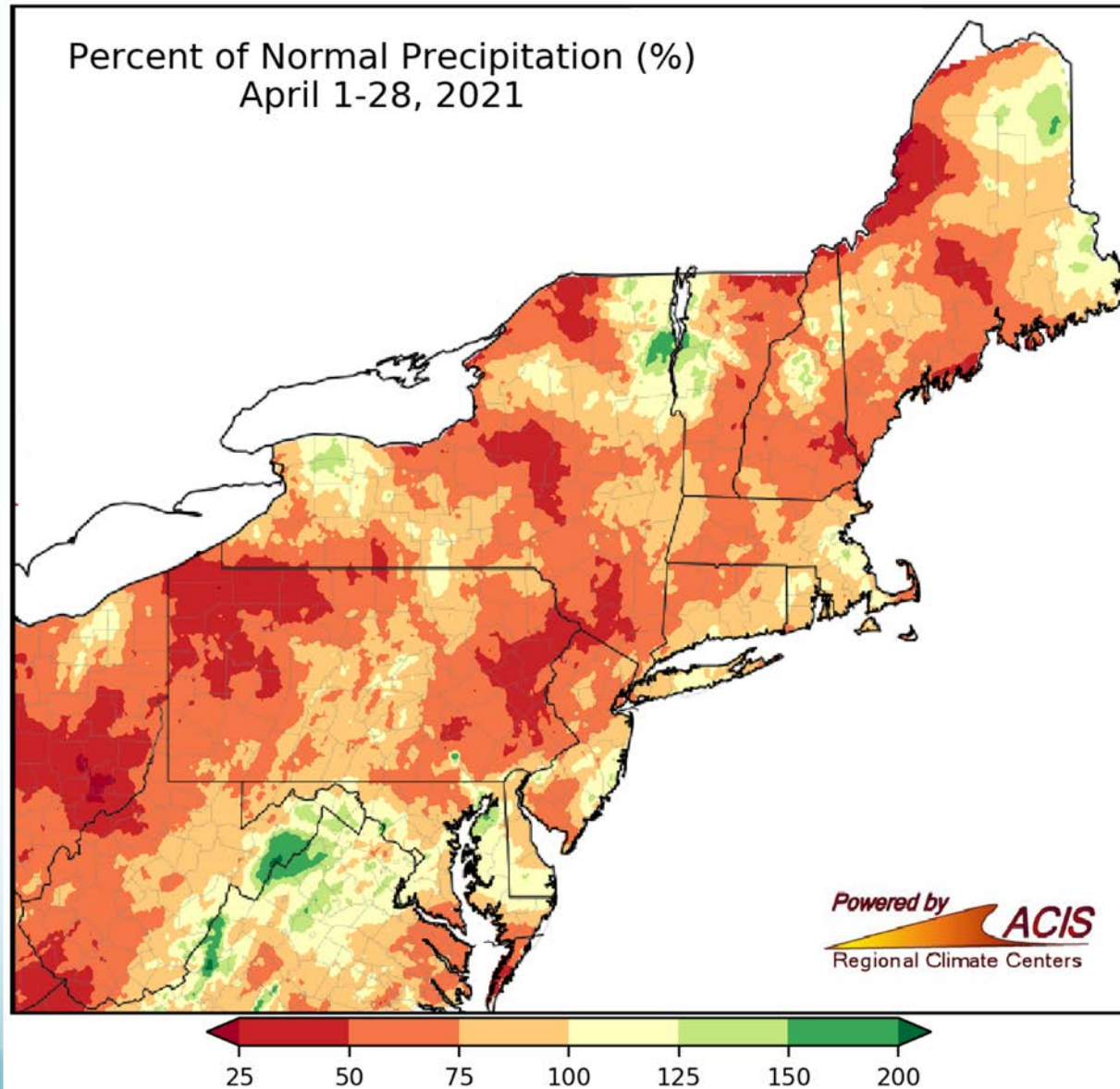


April Temperatures



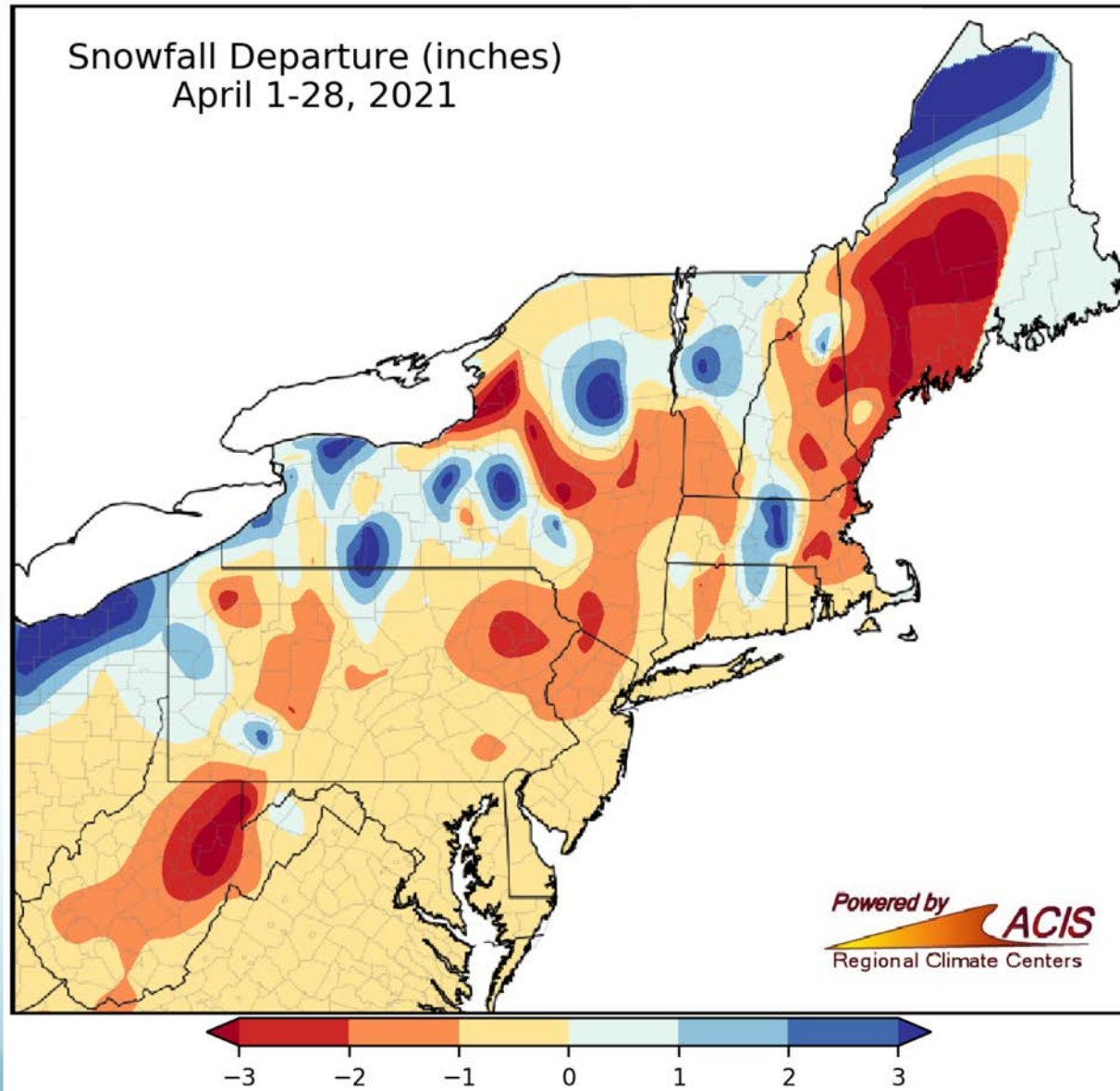
From 4°F below normal to 6°F above normal

April Precipitation



From 25% of normal to 200% of normal

April Snowfall



From more than 3" below normal to more than 3" above normal

SPC Filtered Storm Reports for 04/21/21

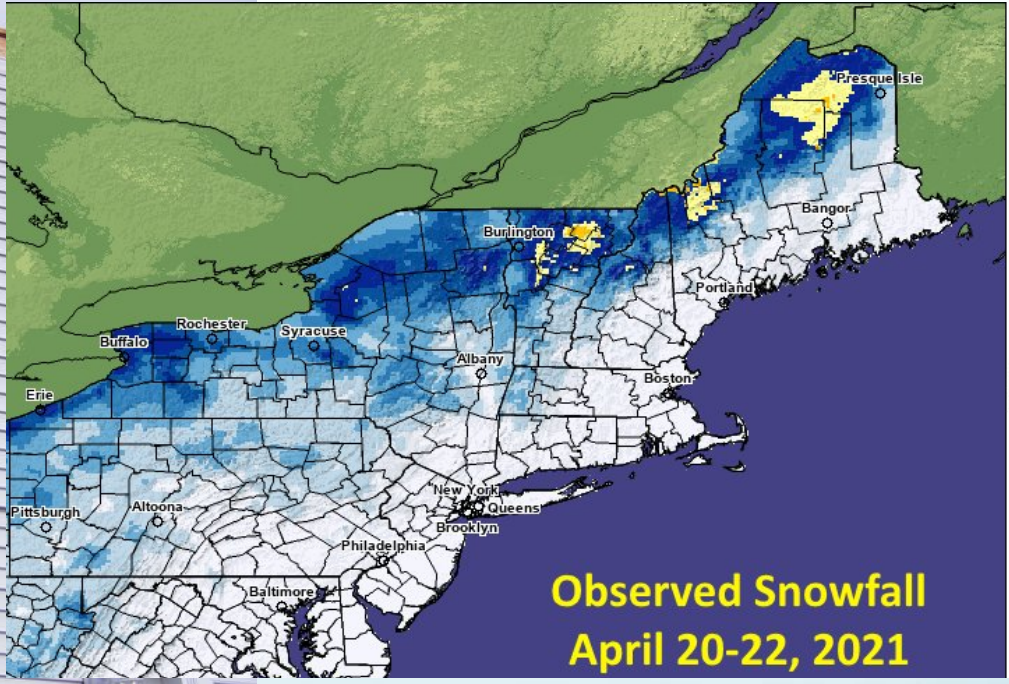
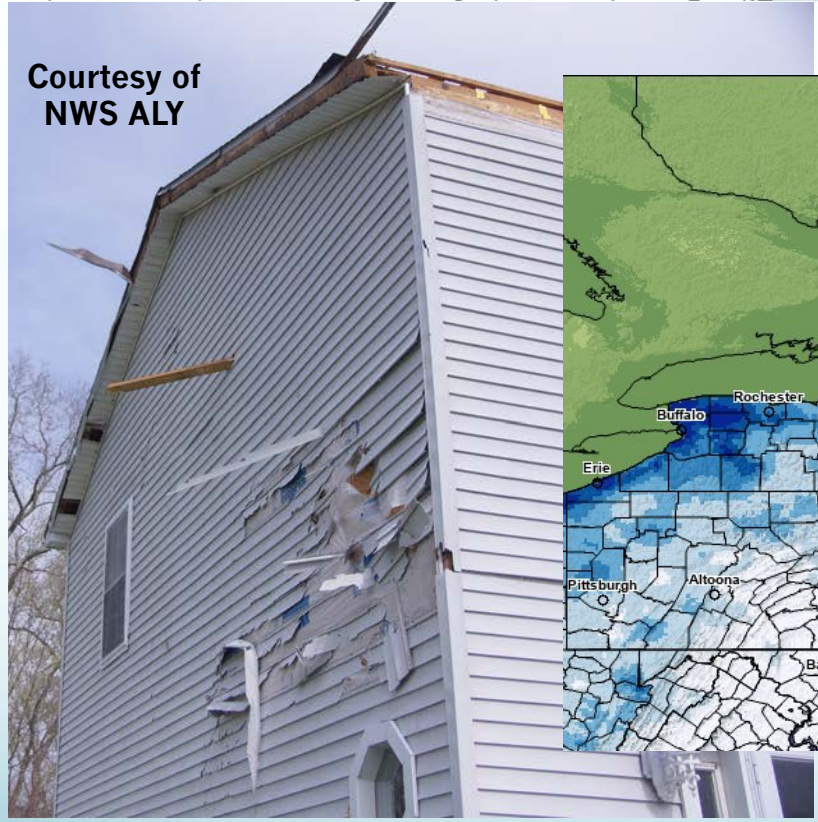
Map updated at 2340Z on 04/25/21

TORNADO REPORTS.. (2)
WIND REPORTS/HI..... (48/0)
HAIL REPORTS/LG..... (5/0)
TOTAL REPORTS..... (55)

National Weather Service
 Storm Prediction Center Norman, Oklahoma

April 21-22 Storm

Courtesy of
 NWS ALY



**Observed Snowfall
 April 20-22, 2021**

Inches of depth

- > 48
- 36 to 48
- 30 to 36
- 24 to 30
- 18 to 24
- 12 to 18
- 8.0 to 12
- 6.0 to 8.0
- 4.0 to 6.0
- 3.0 to 4.0
- 2.0 to 3.0
- 1.0 to 2.0
- 0.10 to 1.0
- 0.00 to 0.10
- 0.00

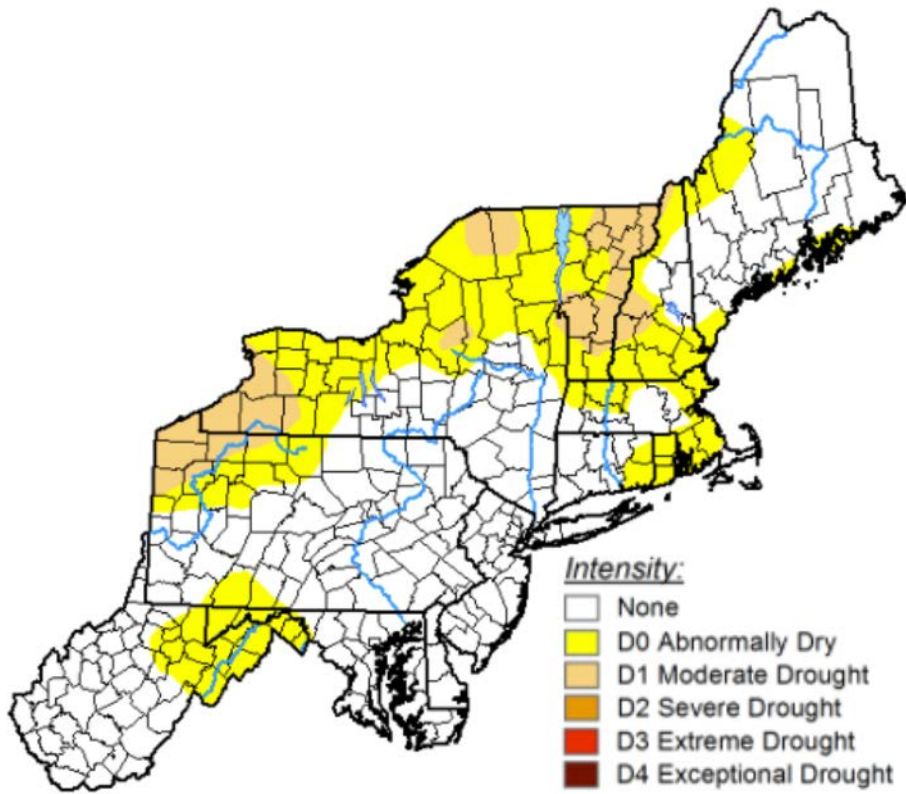
Not Estimated

Elevation in feet

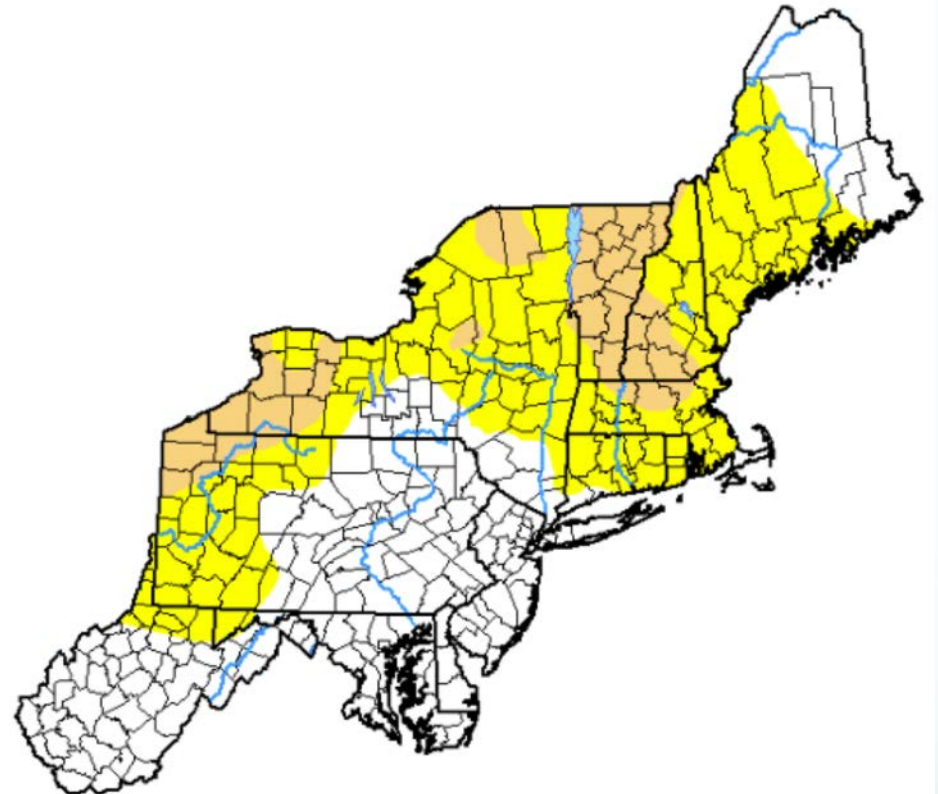
- > 13124



Drought Monitor



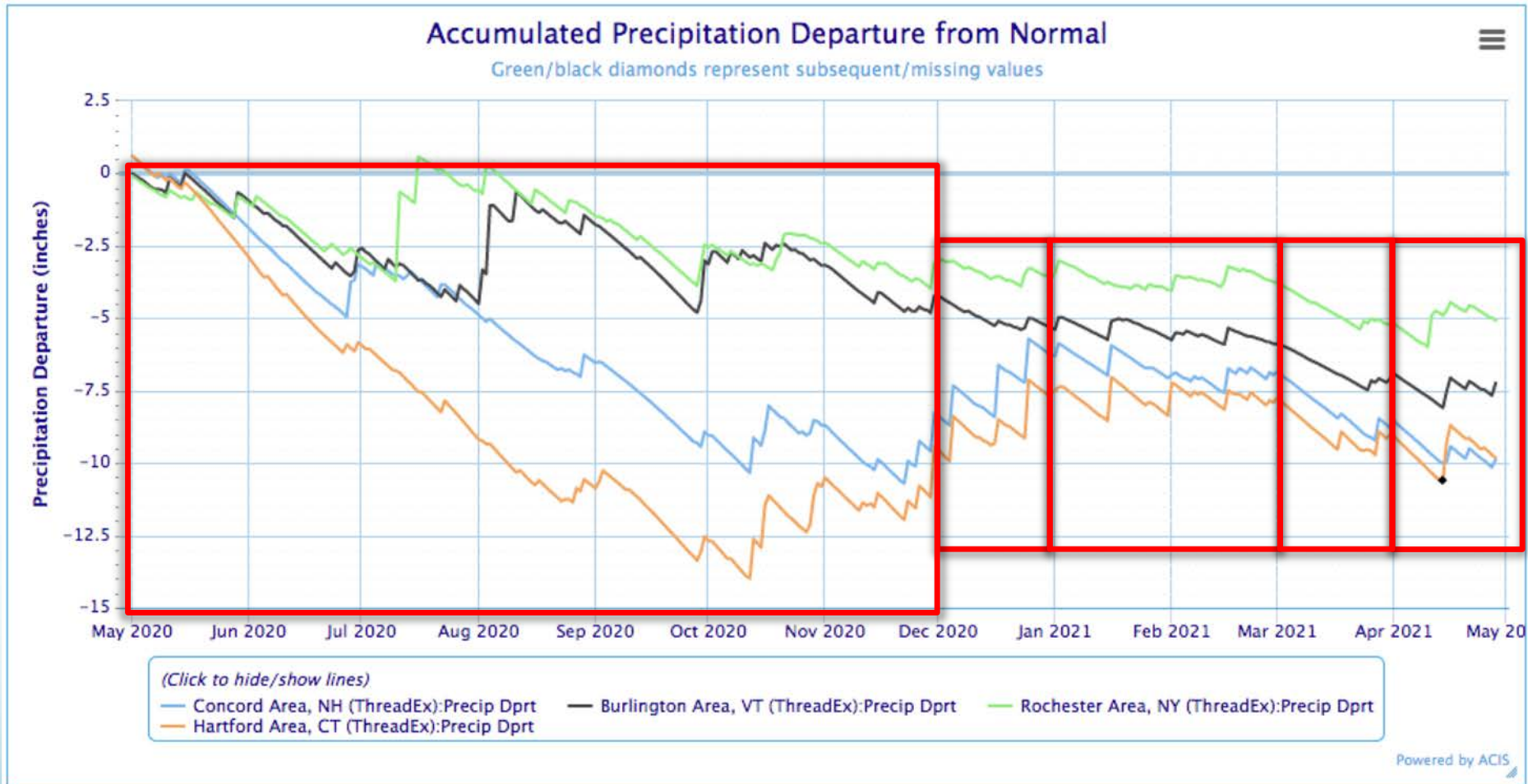
March 30:
9% of the region was in a drought
28% was abnormally dry



April 27:
14% of the region was in a drought
41% was abnormally dry

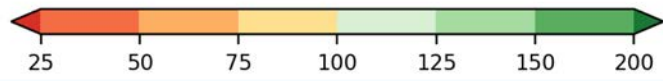
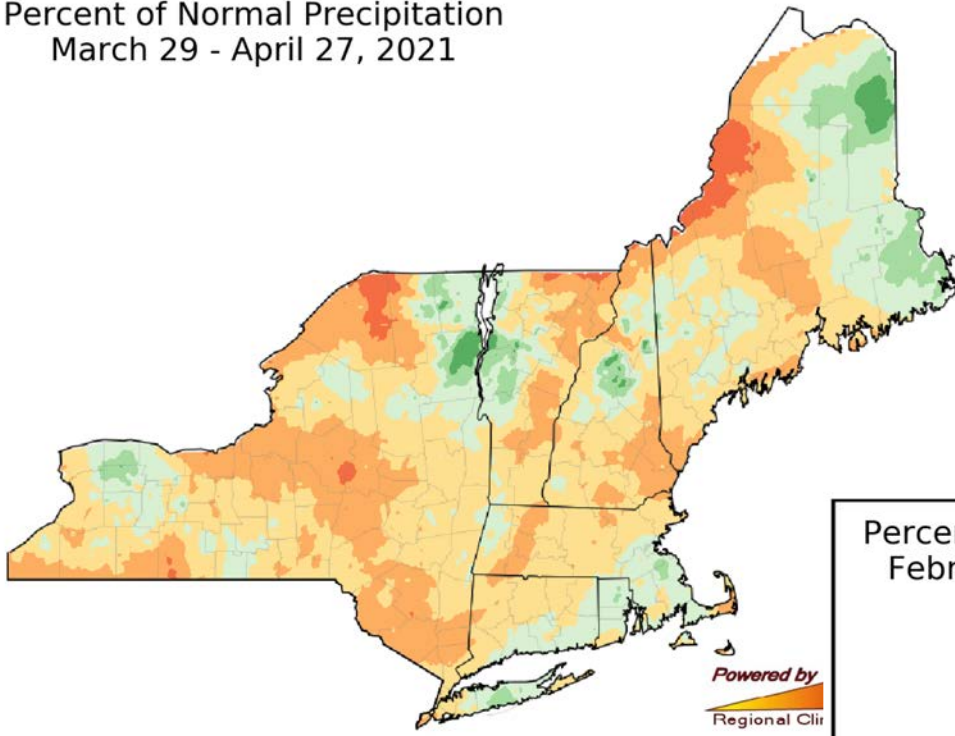


Precipitation

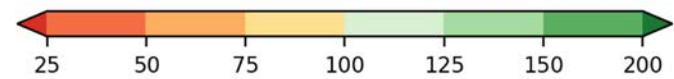
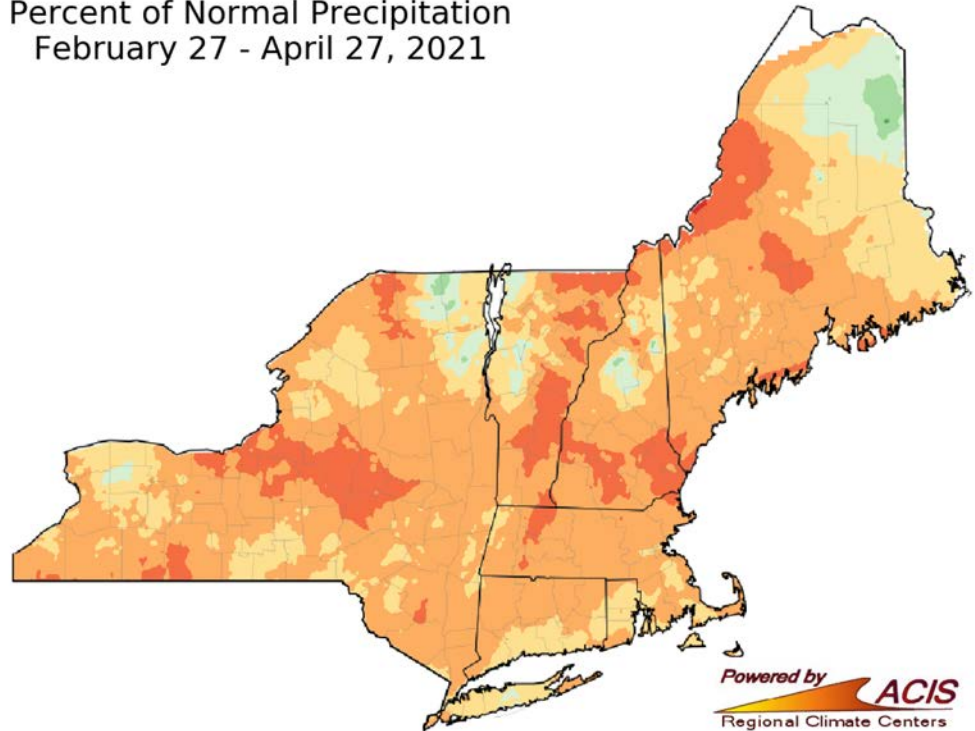


Precipitation

Percent of Normal Precipitation
March 29 - April 27, 2021

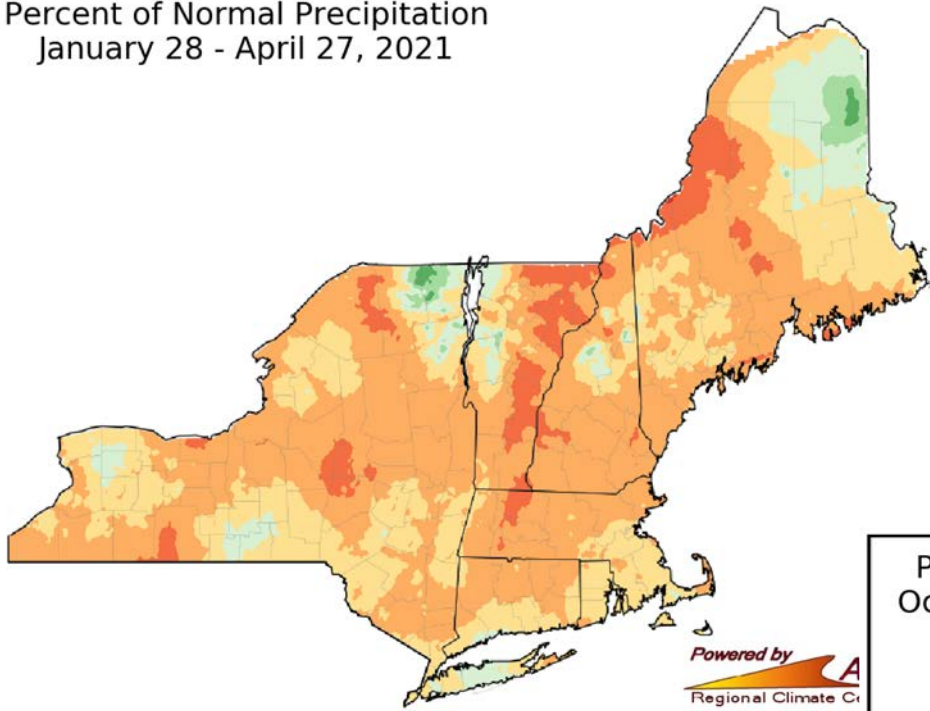


Percent of Normal Precipitation
February 27 - April 27, 2021

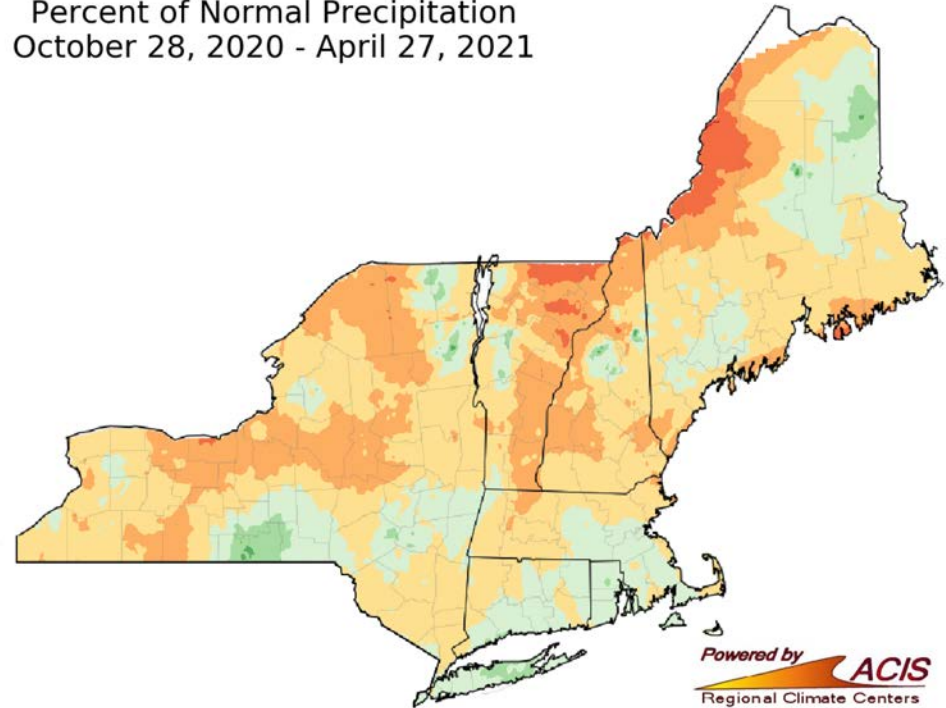


Precipitation

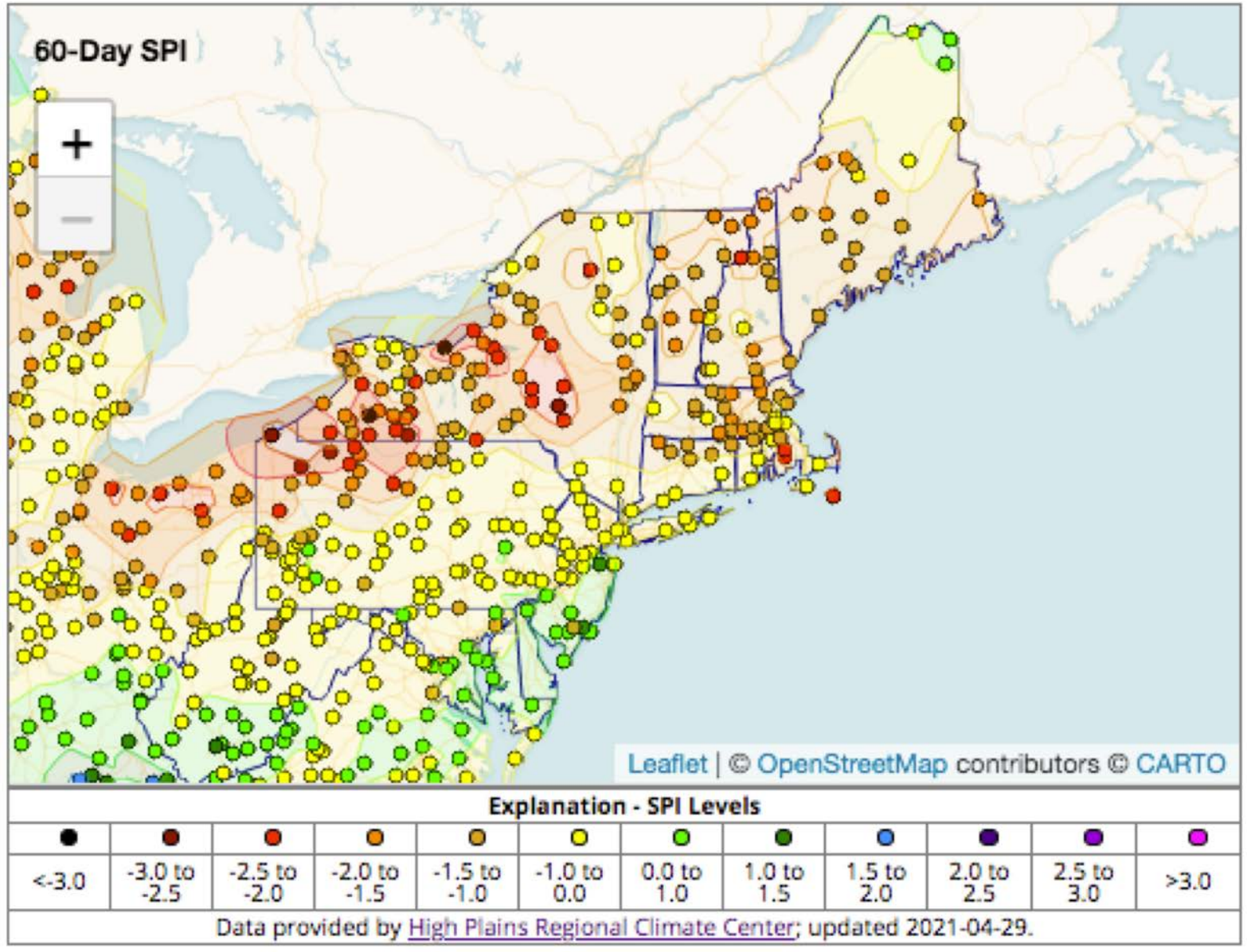
Percent of Normal Precipitation
January 28 - April 27, 2021



Percent of Normal Precipitation
October 28, 2020 - April 27, 2021

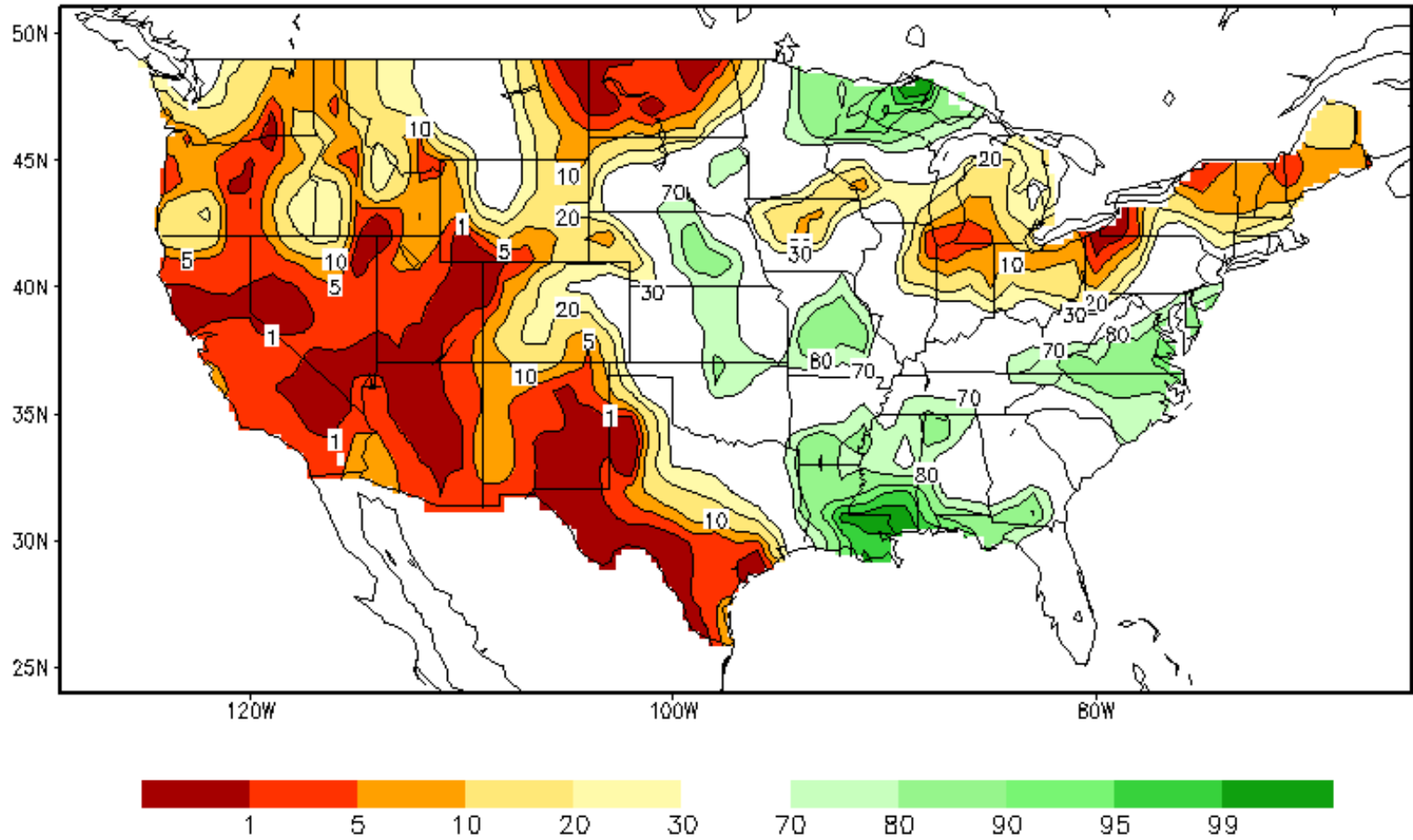


Standardized Precip Index

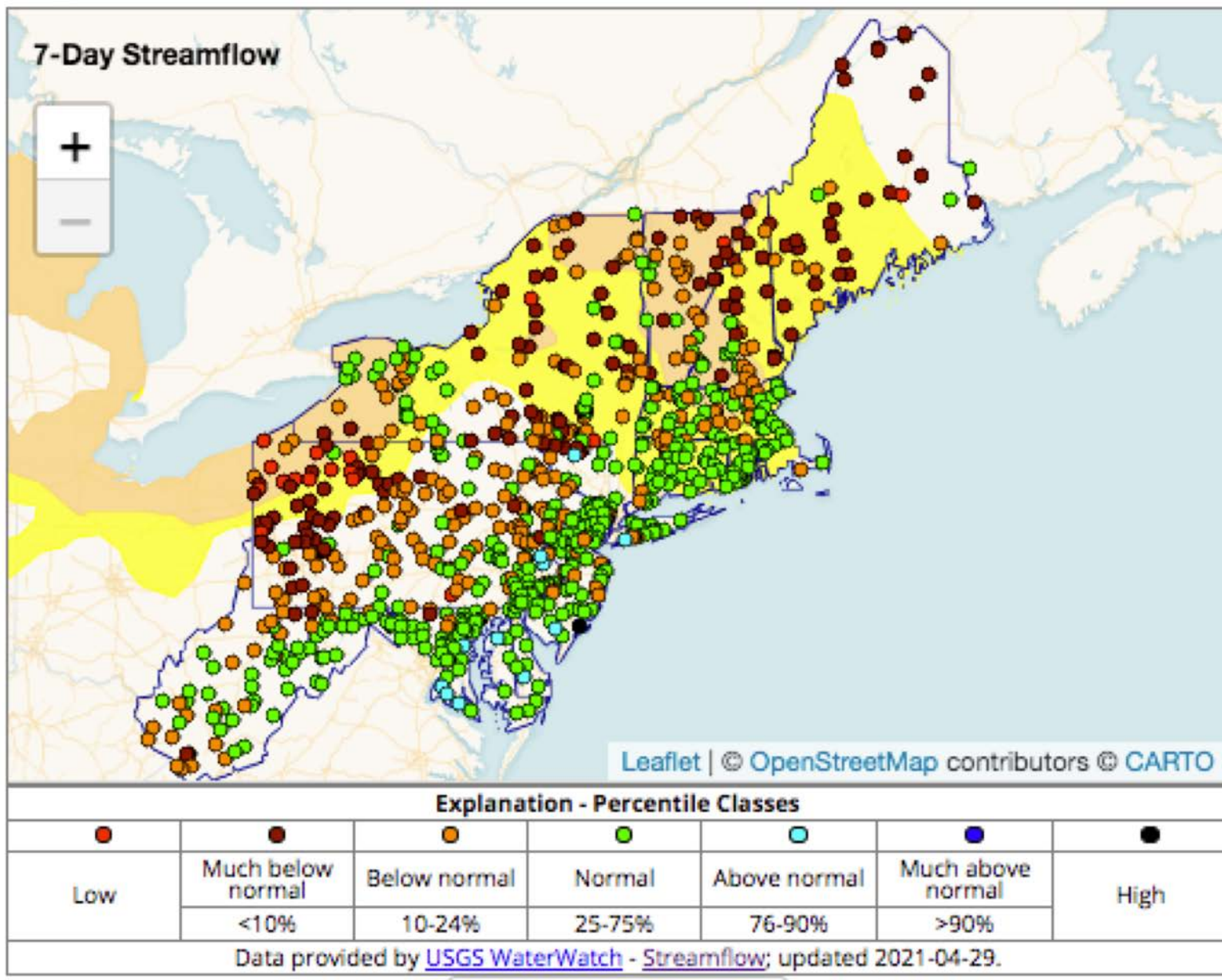


Soil Moisture

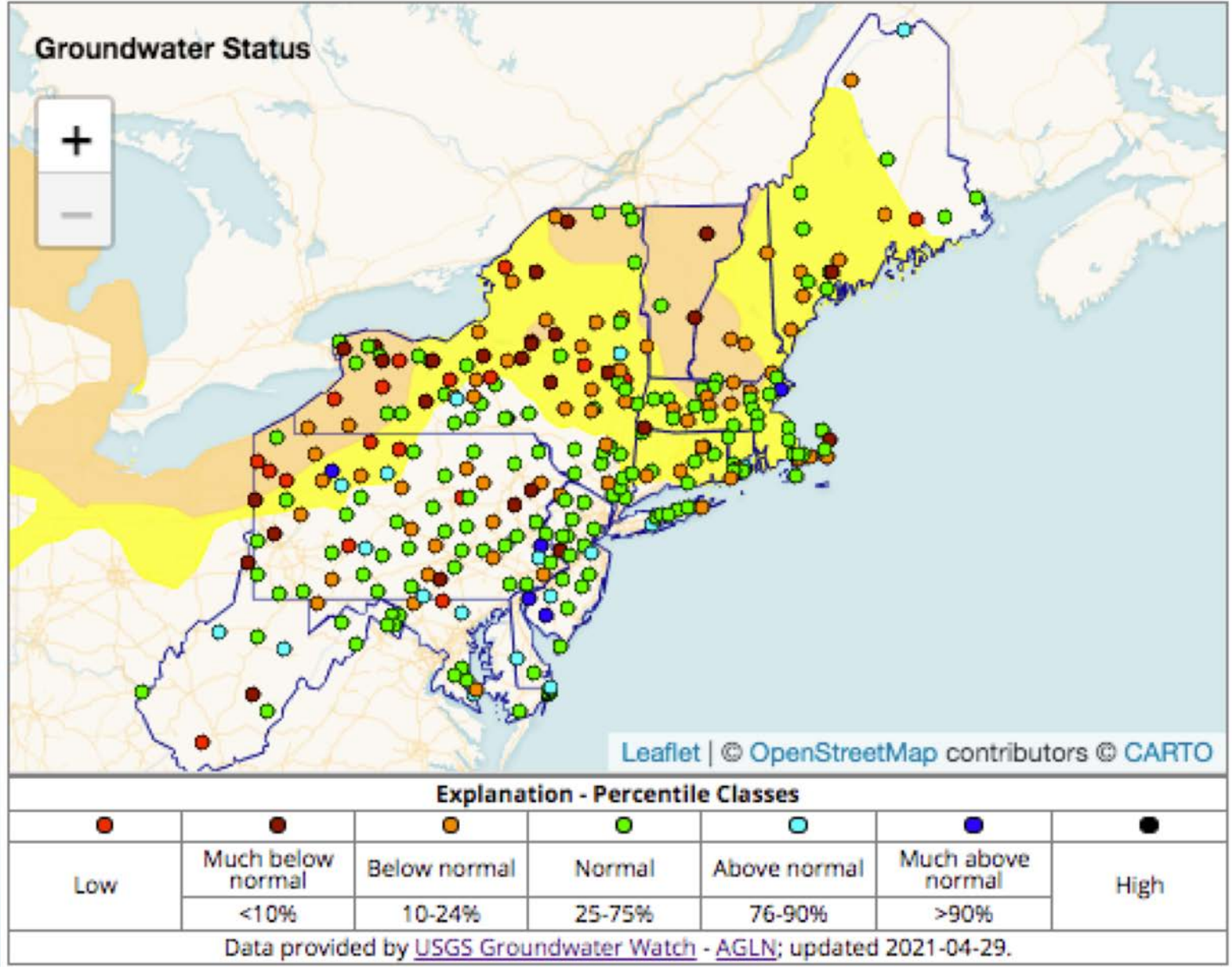
Calculated Soil Moisture Ranking Percentile
APR 27, 2021



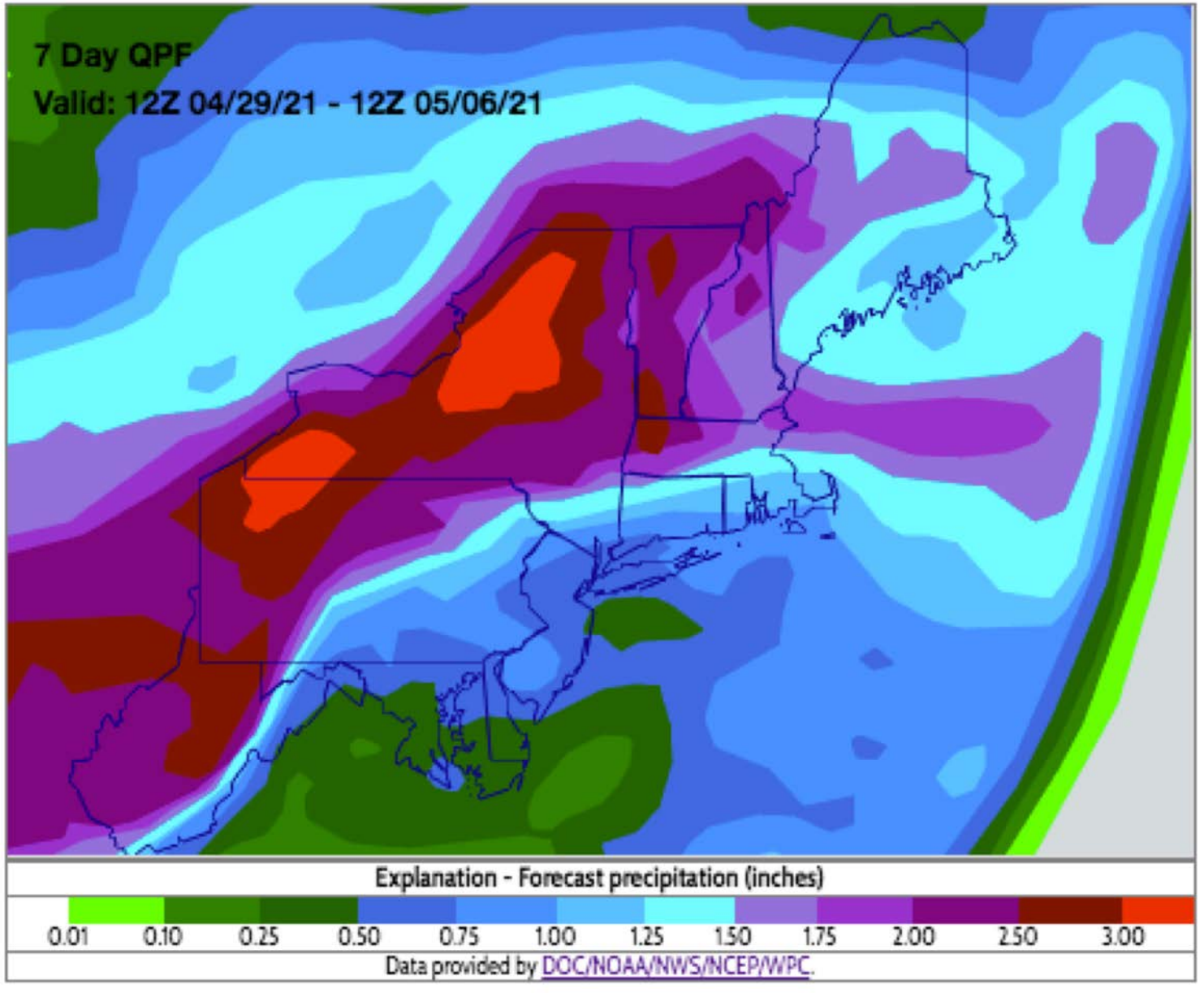
Streamflow



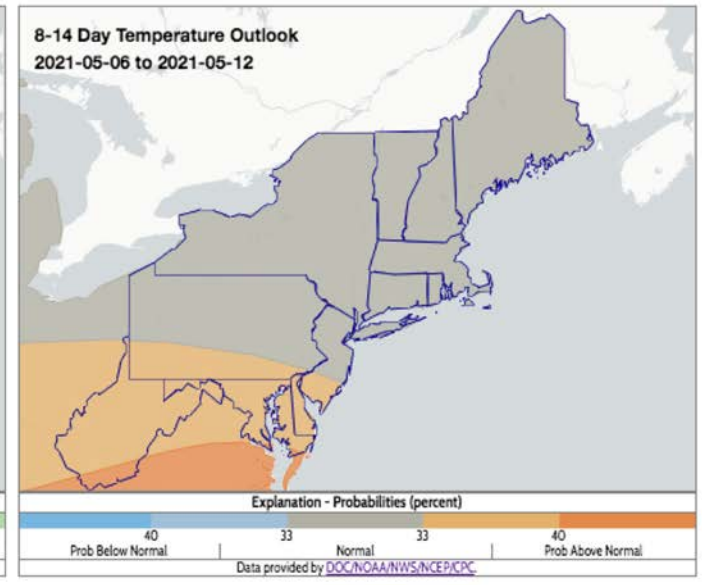
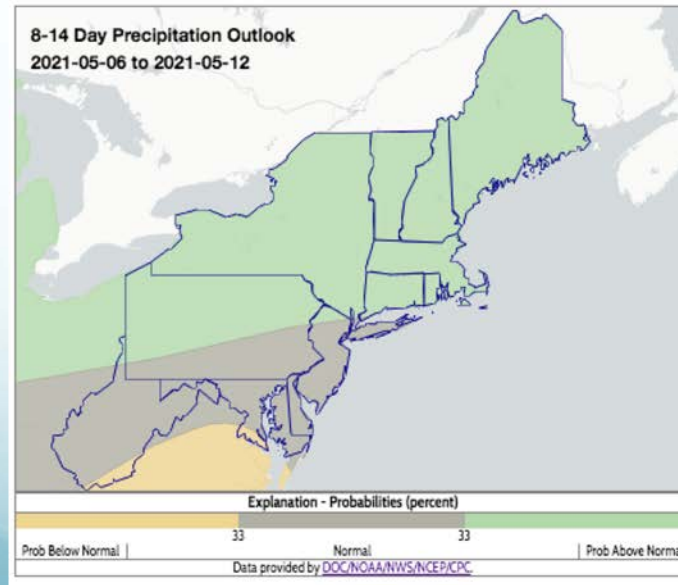
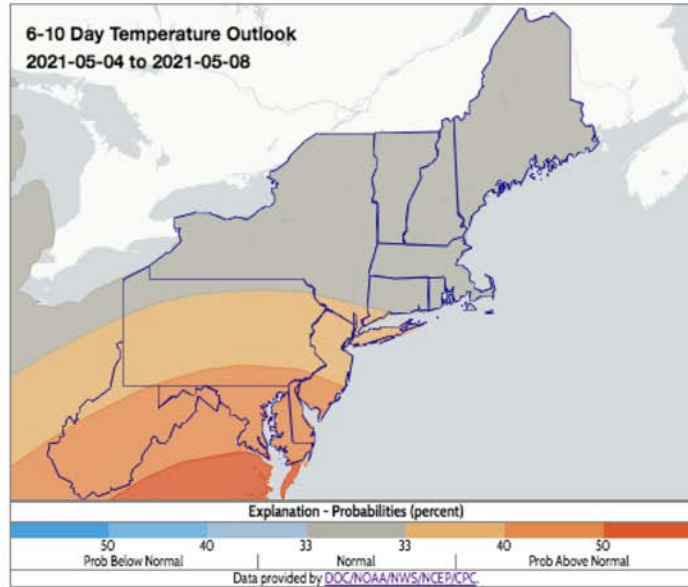
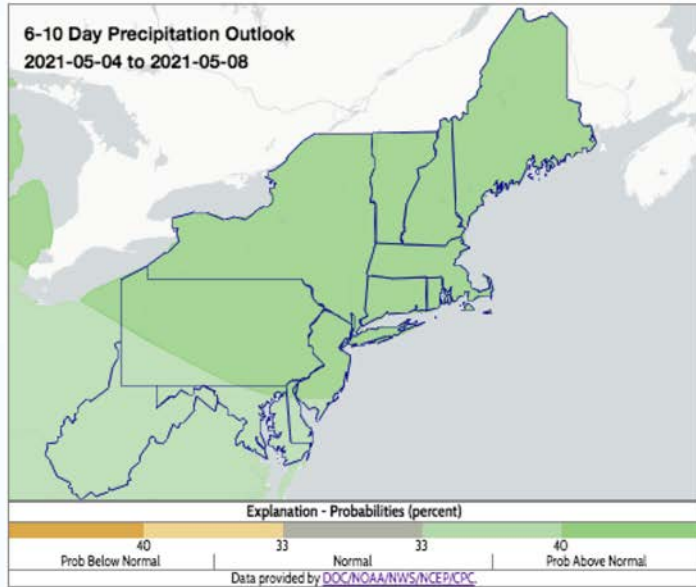
Groundwater



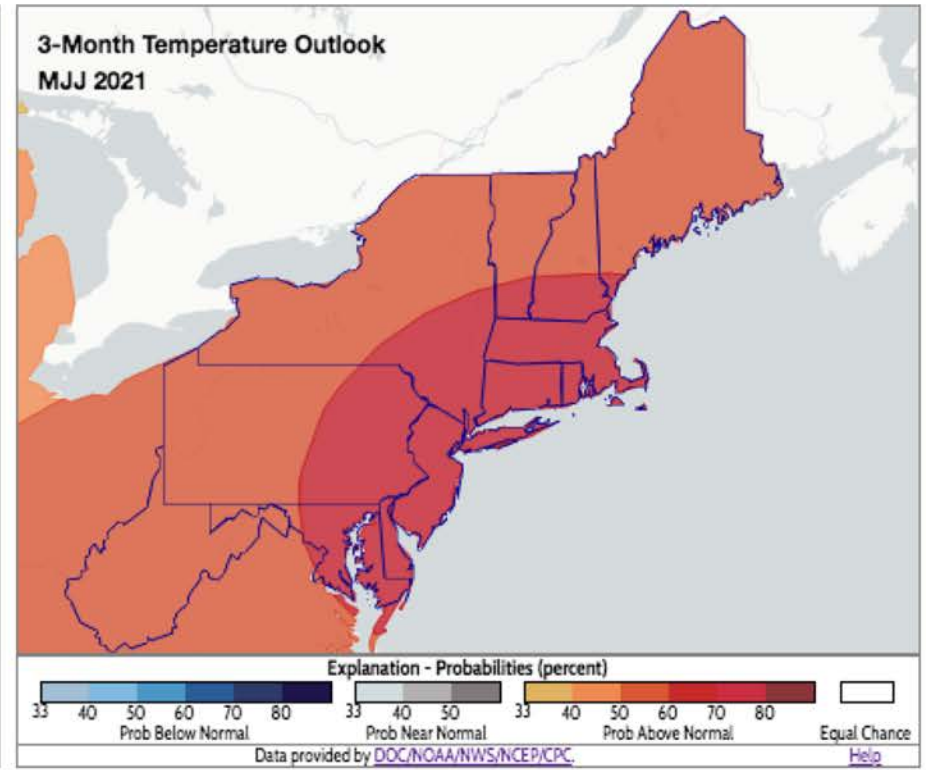
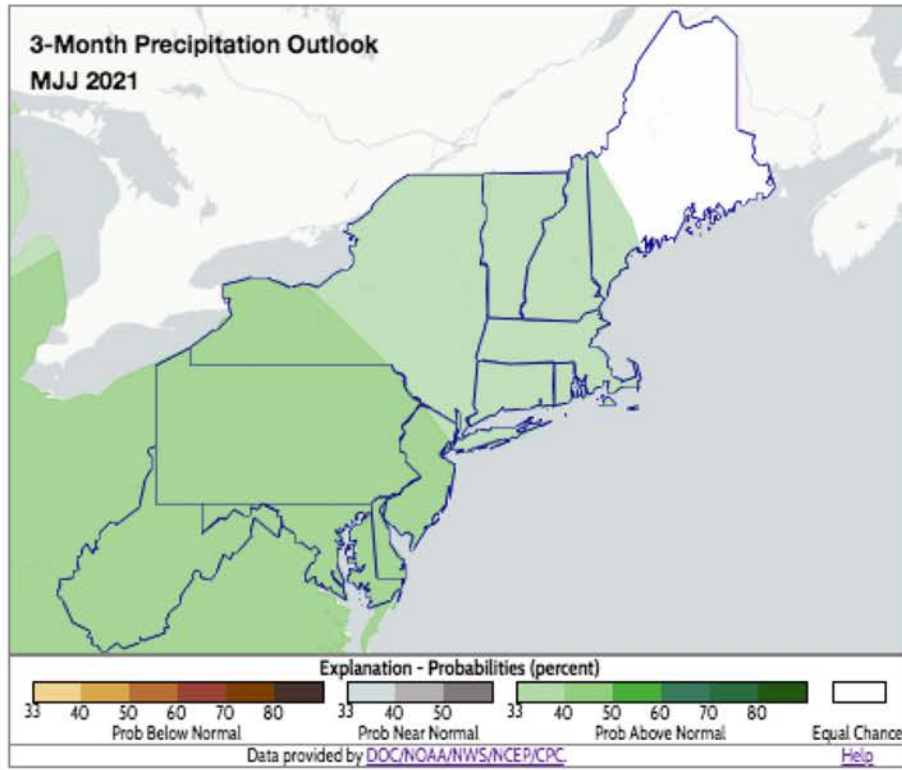
Precipitation Forecast



Short-term Outlooks



Three-Month Outlook



Contact Information

- nrcc@cornell.edu

Upcoming Webinars

- Thursday, May 27 at 9:30am
 - Updated Climate Normals

www.nrcc.cornell.edu

