



NOAA / National Weather Service

[weather.gov/aly/fire](https://weather.gov/aly/fire)



# NWS Albany Review of the 2025 Fire Weather Season

Michael Main, NWS Albany

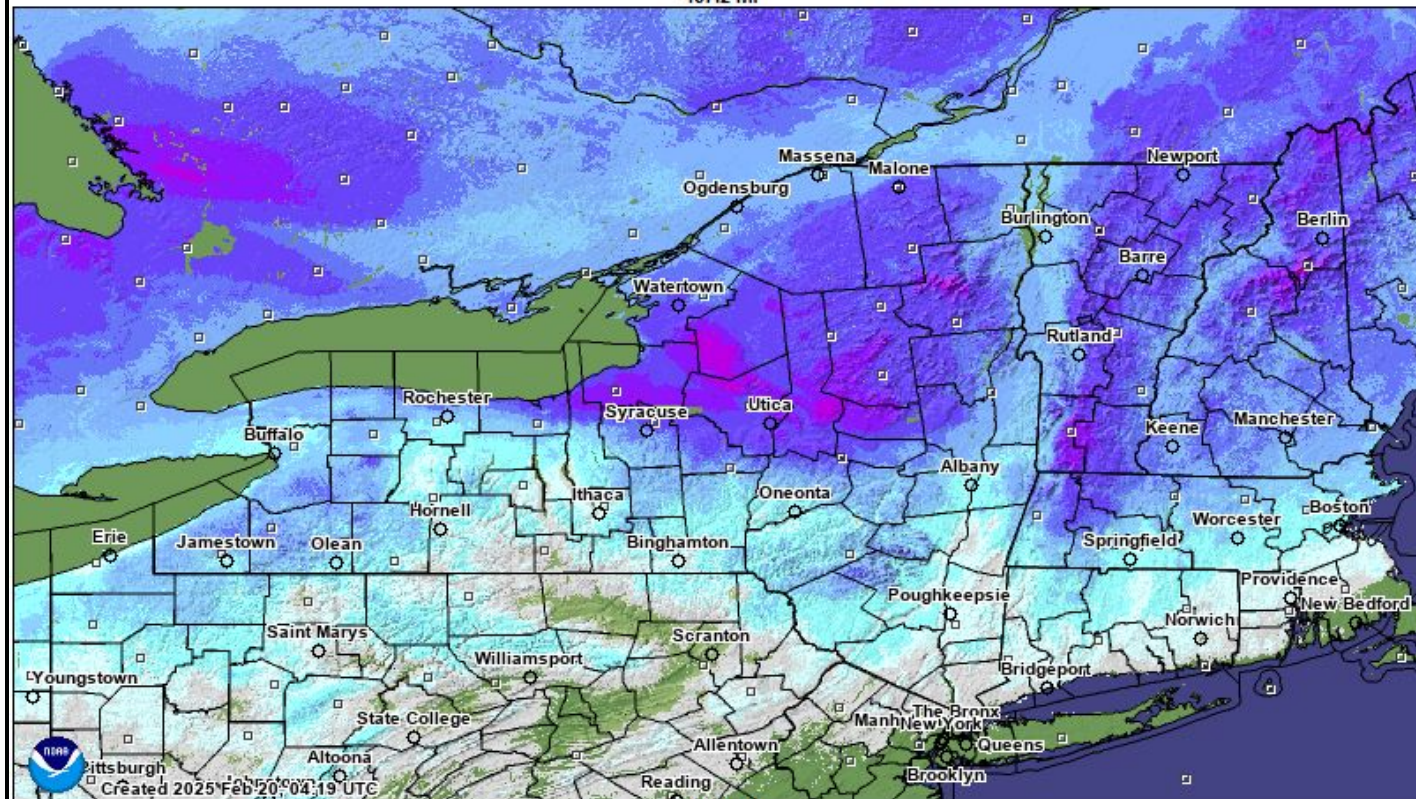


# Spring Snow Cover

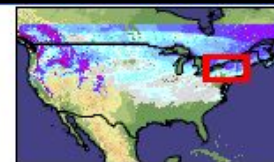


Modeled Snow Depth for 2025 February 20, 0:00 UTC

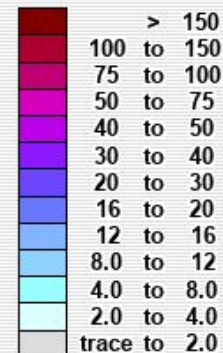
497.2 mi



547.1 mi



Inches of depth



Not Estimated

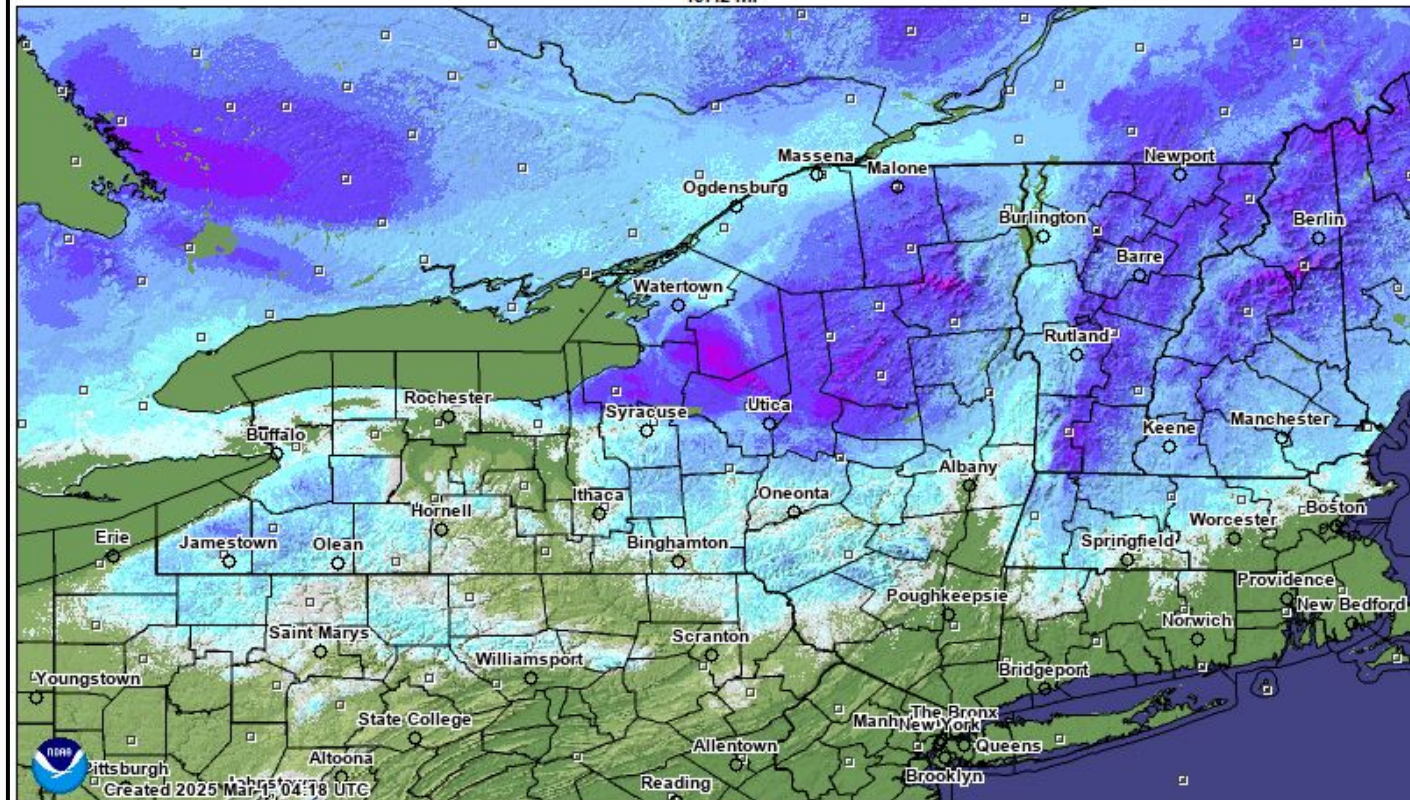
Elevation in feet



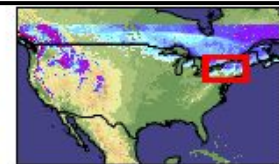
# Spring Snow Cover

Modeled Snow Depth for 2025 March 1, 0:00 UTC

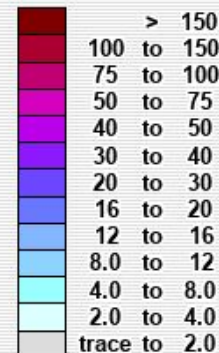
497.2 mi



547.1 mi



Inches of depth



Not Estimated

Elevation in feet



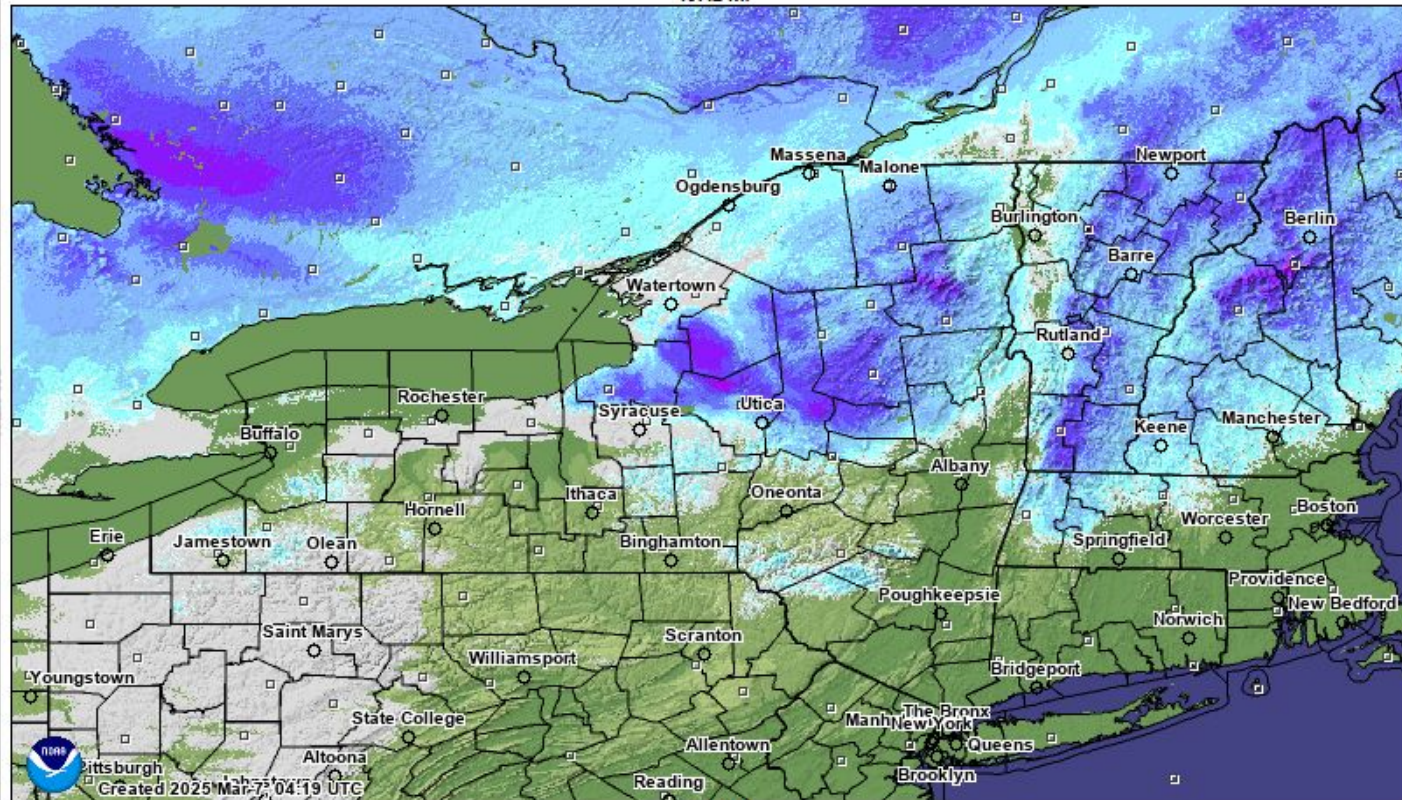


# Spring Snow Cover

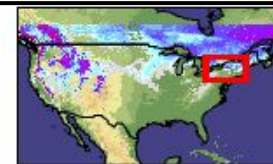


Modeled Snow Depth for 2025 March 7, 0:00 UTC

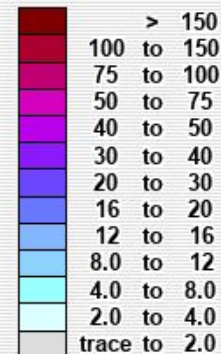
497.2 mi



547.1 mi

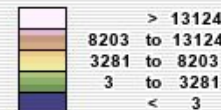


Inches of depth



Not Estimated

Elevation in feet



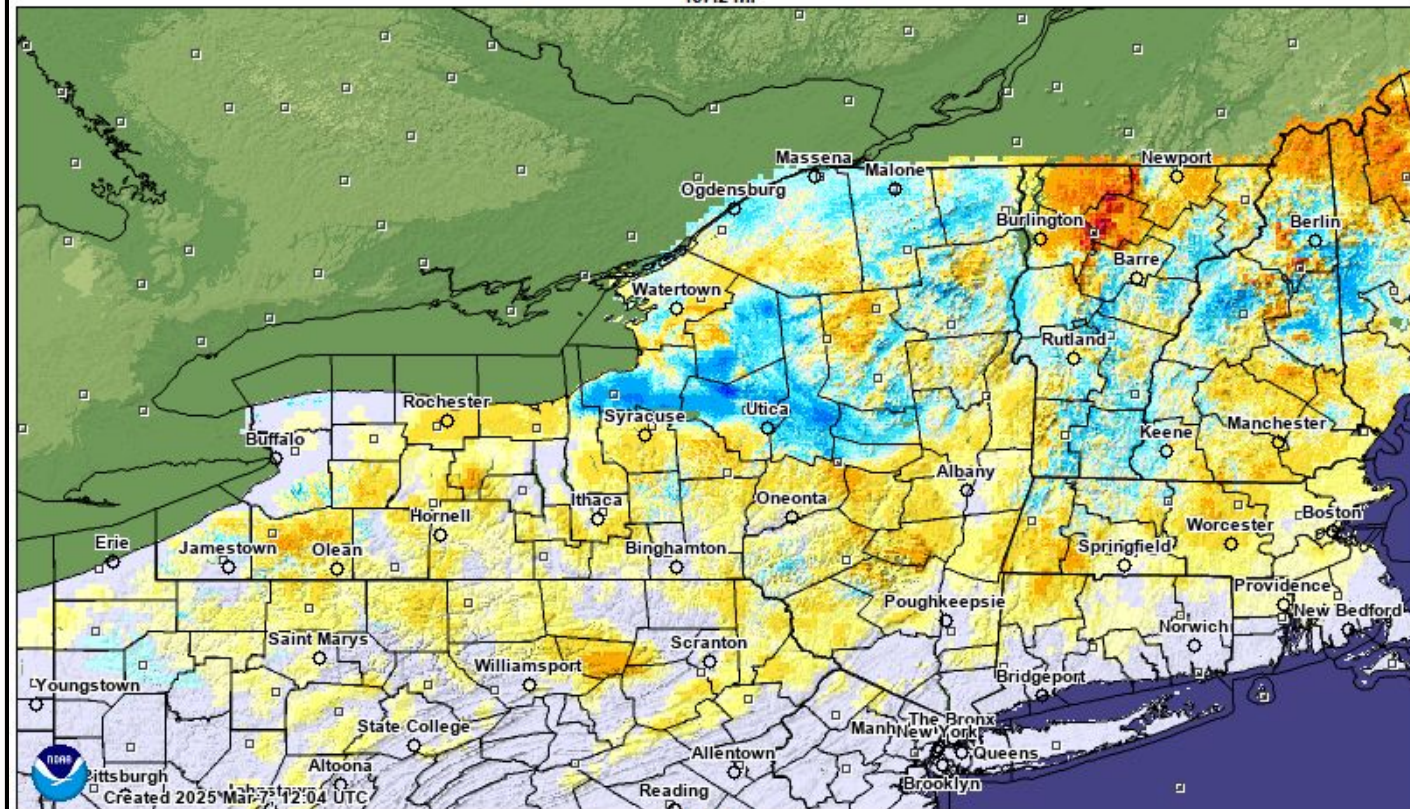


# Spring Snow Cover Anomalies

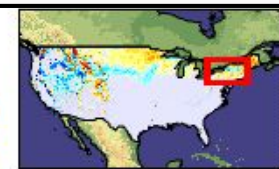


Modeled Snow Depth Departure from Normal (Daily) for 2025 March 7, 6:00 UTC

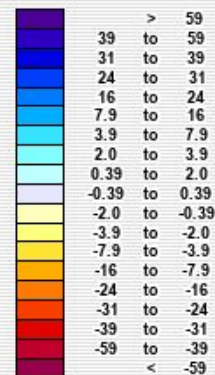
497.2 mi



547.1 mi



Inches of depth



Not Estimated

Elevation in feet

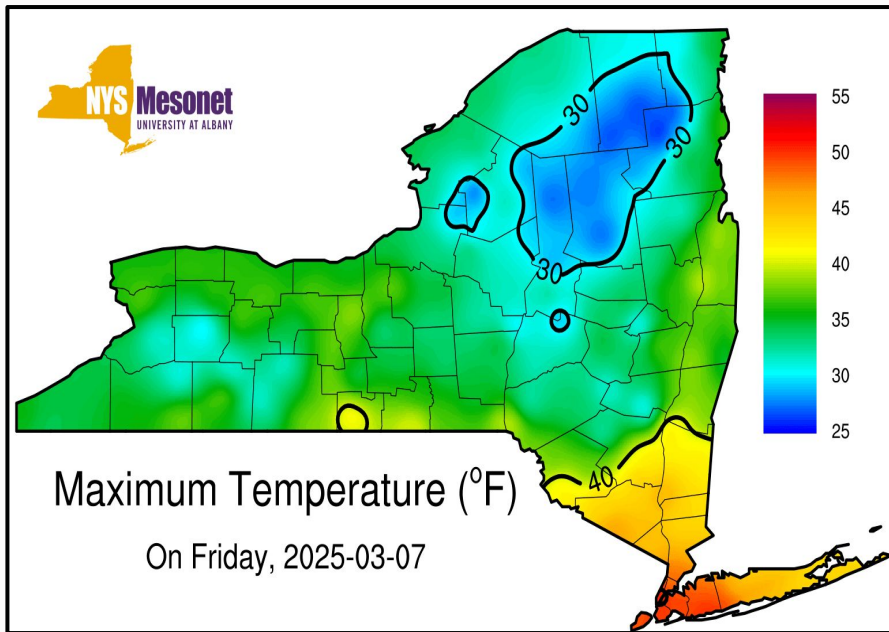
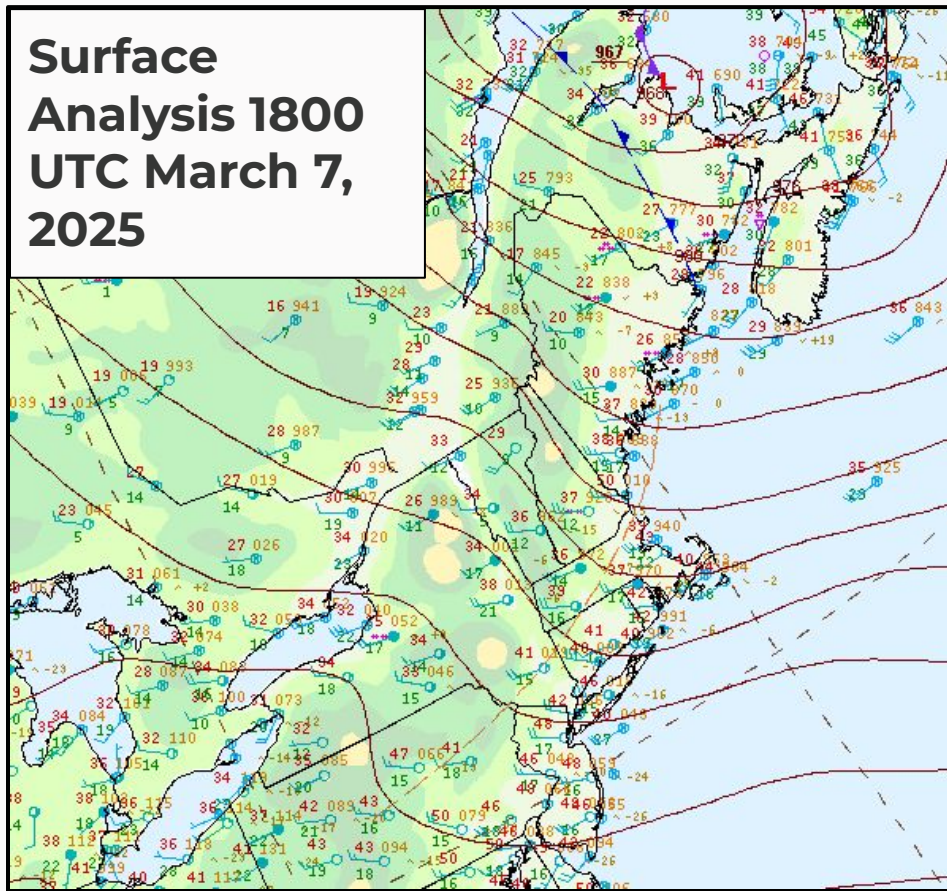




# First Fire Weather Day - March 7

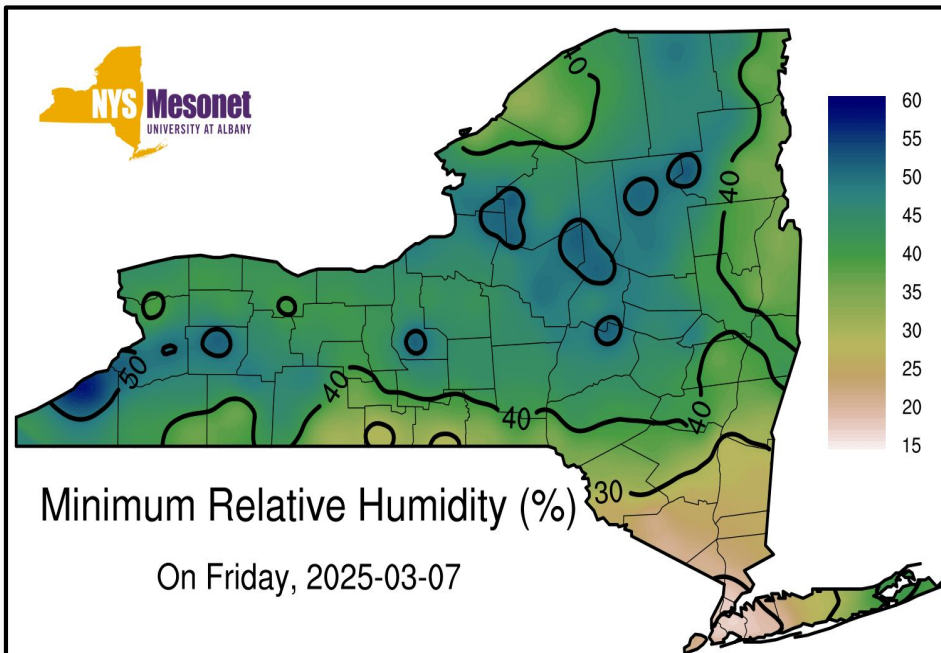
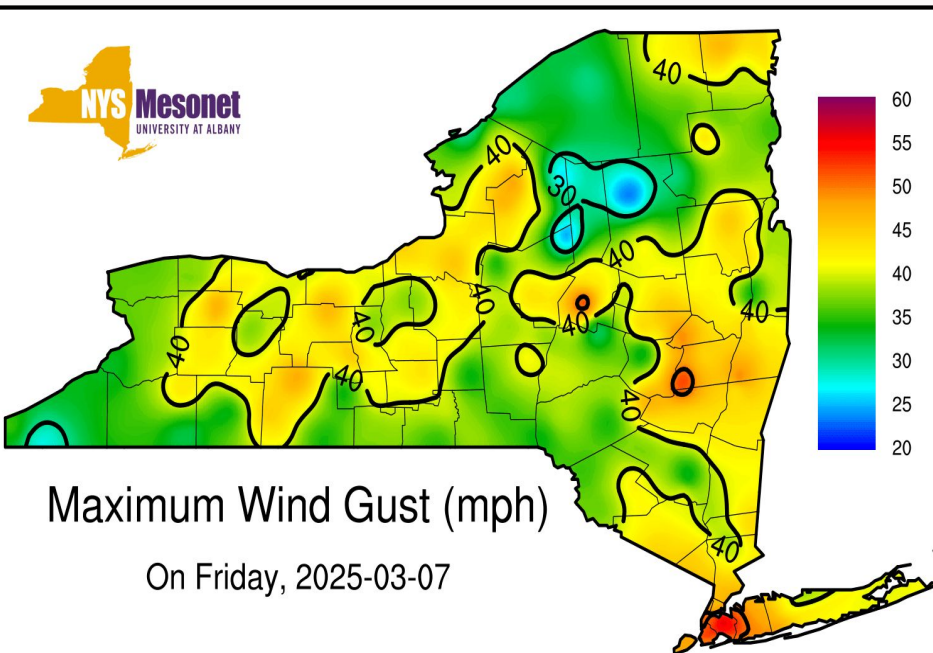


**Surface  
Analysis 1800  
UTC March 7,  
2025**



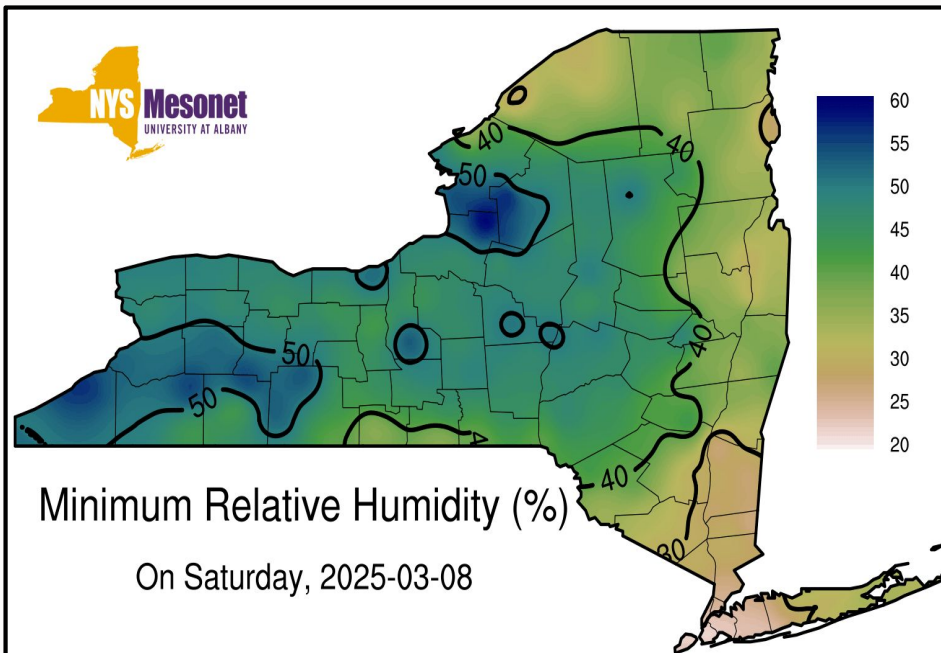
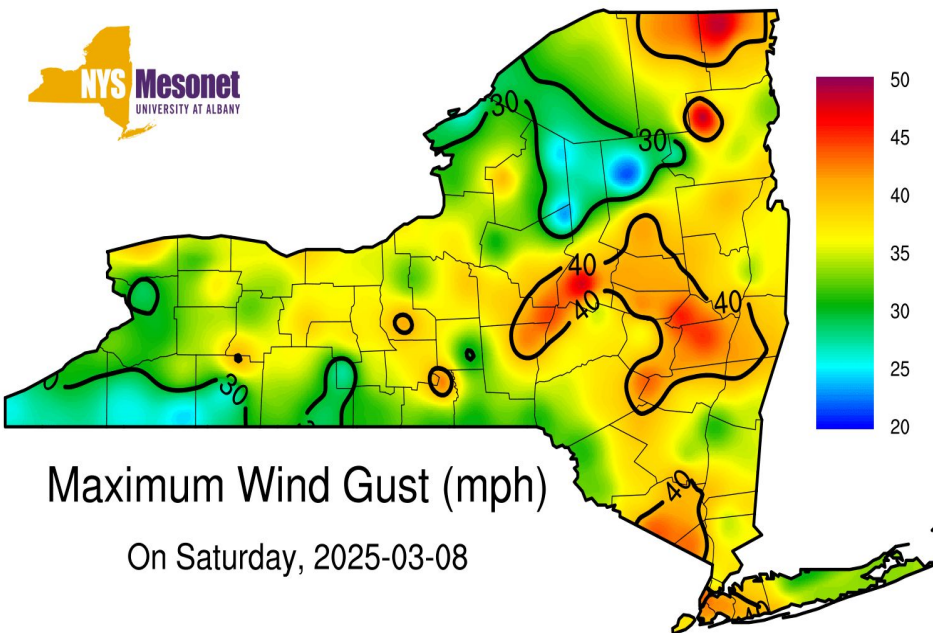


# March 7 NYS Mesonet Observations





# March 8 NYS Mesonet Observations

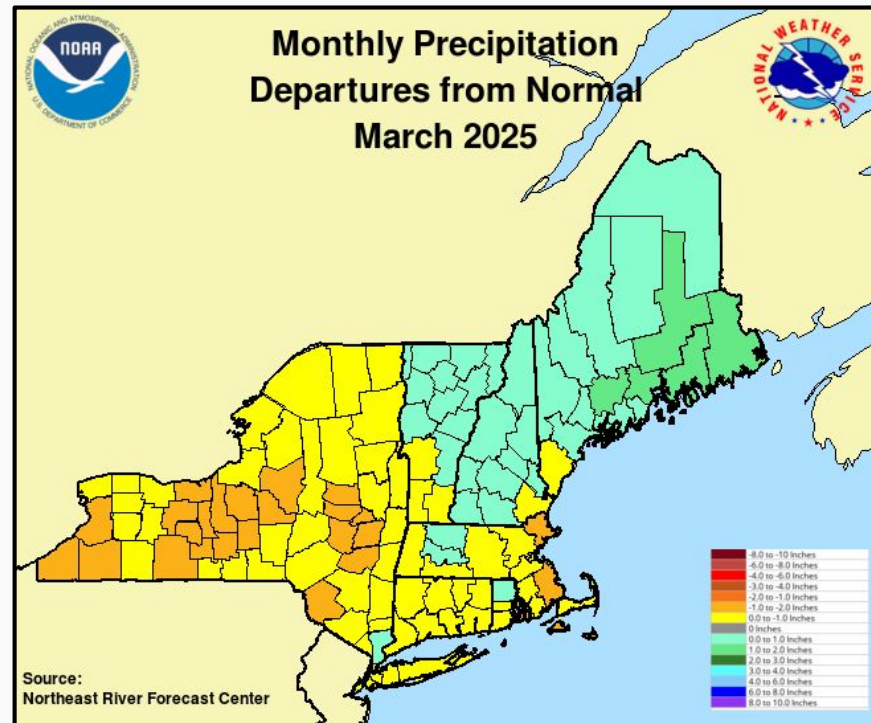




# Spring Fire Weather Summary



- SPSs would be issued for NYC/Long Island and the lower Hudson Valley.
- March 8th would feature a very similar pattern, with additional SPSs extending into the southern Mid Hudson Valley.
- The remainder of March and April would feature several additional days with SPSs, especially across central and western portions of the state.
- March 19 would be the only spring day where Red Flag Warnings (RFWs) were issued in NY.

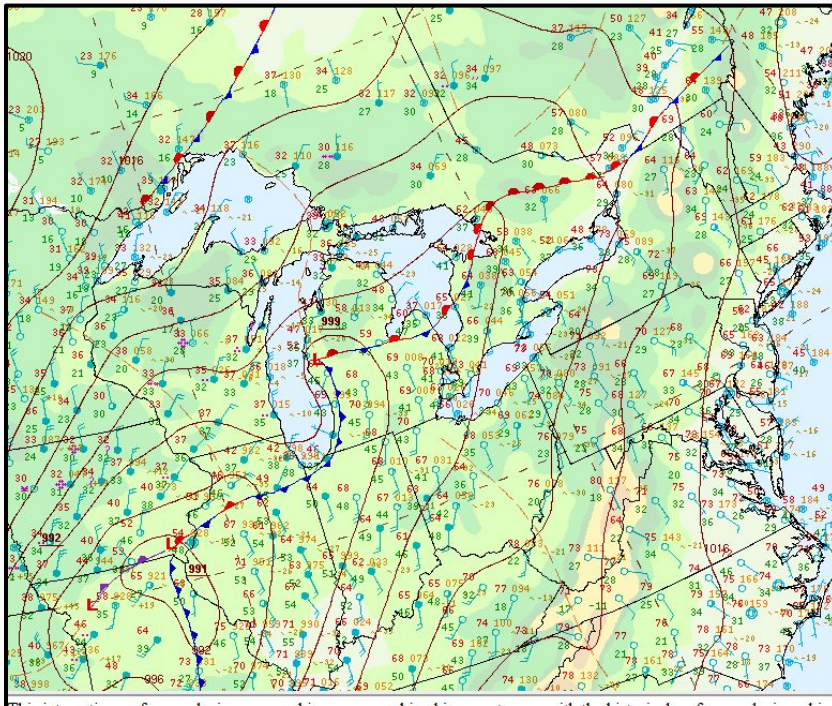




# First Red Flag Day - March 19



## Surface Analysis 1800 UTC March 19, 2025



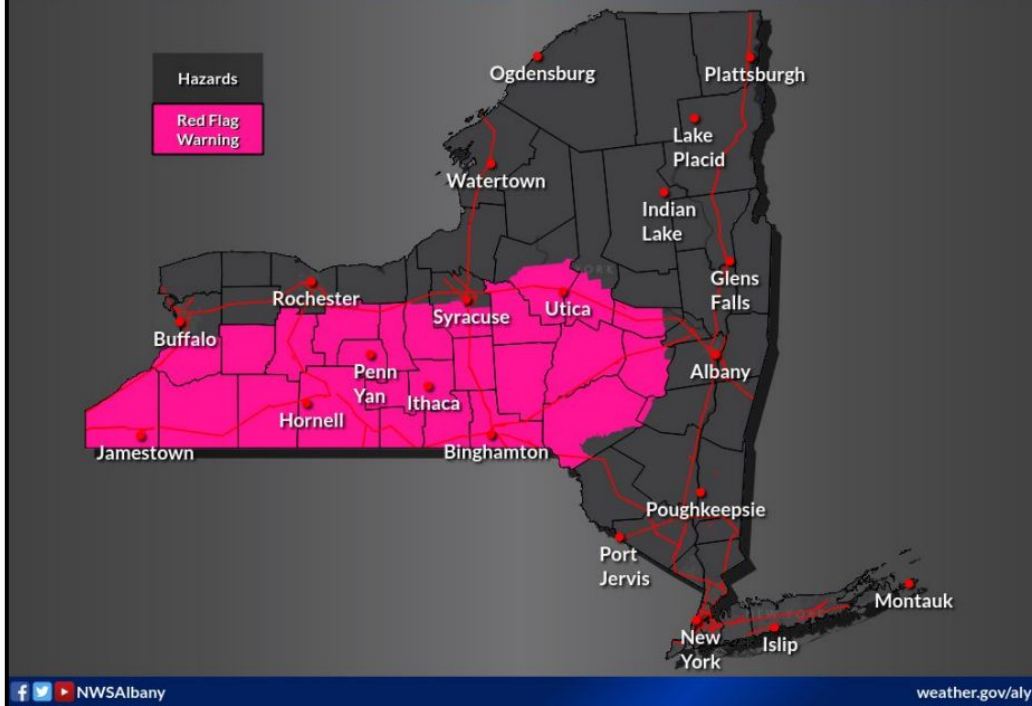
## Red Flag Warning

Through 8 PM this evening

Weather Forecast Office

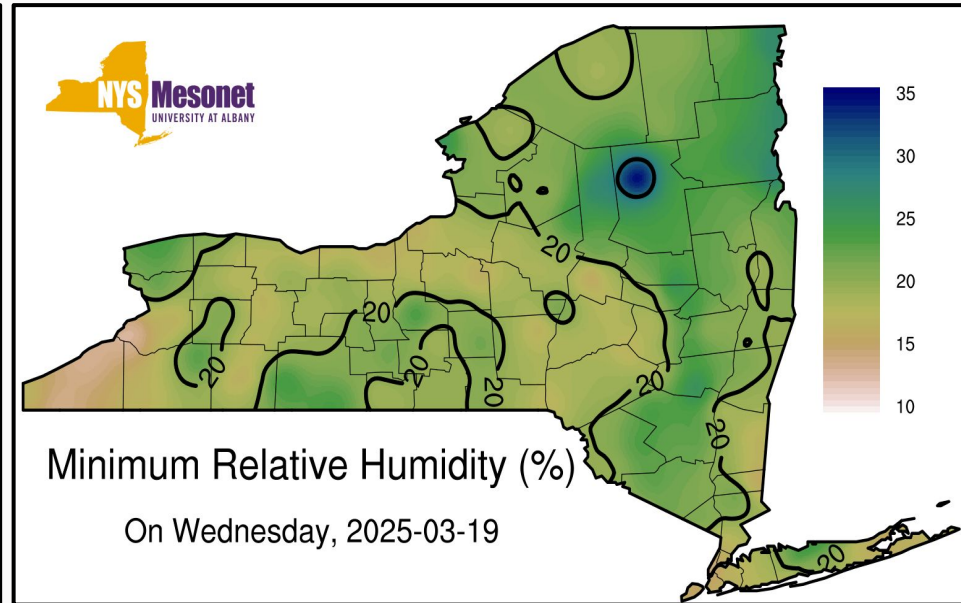
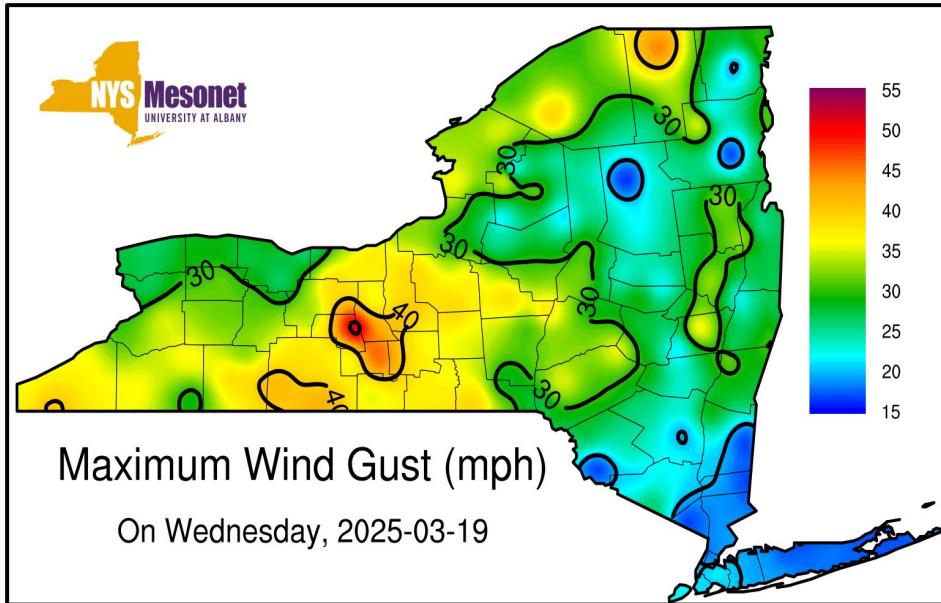
Albany, NY

Issued Mar 19, 2025 3:10 PM EDT





# March 19 NYS Mesonet Observations

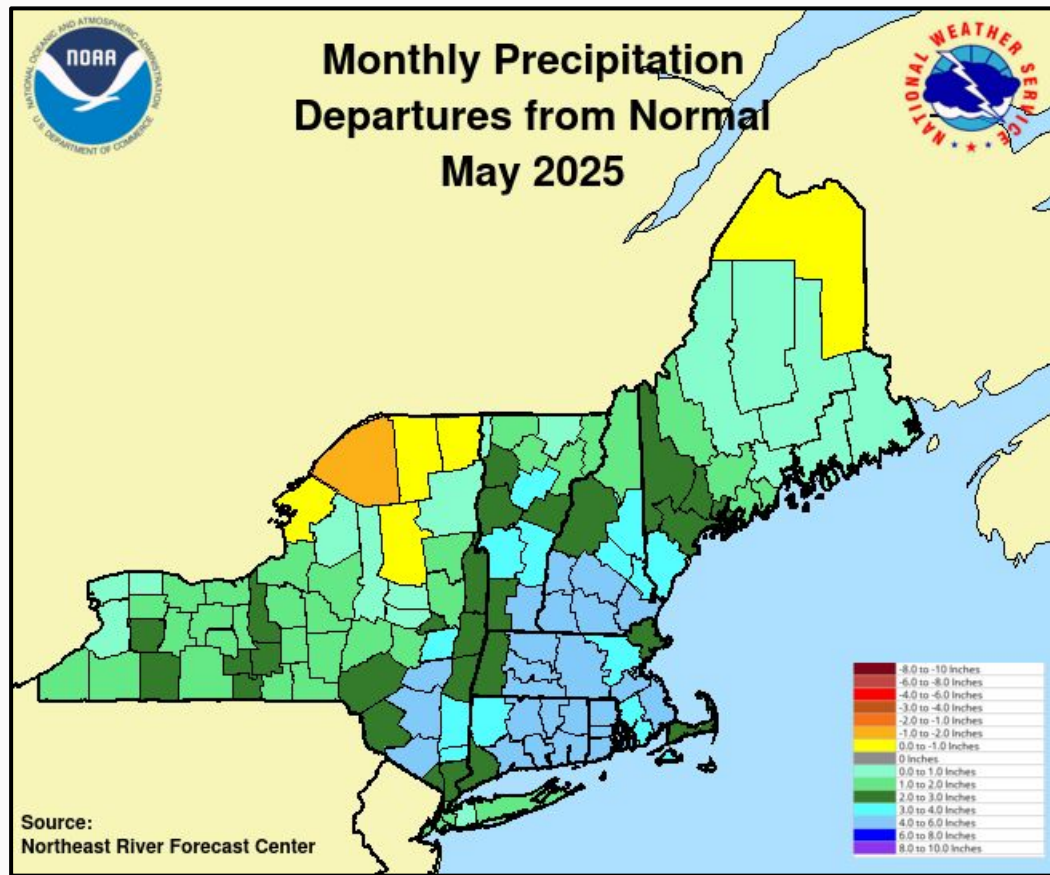




# End of Spring Fire Weather Season

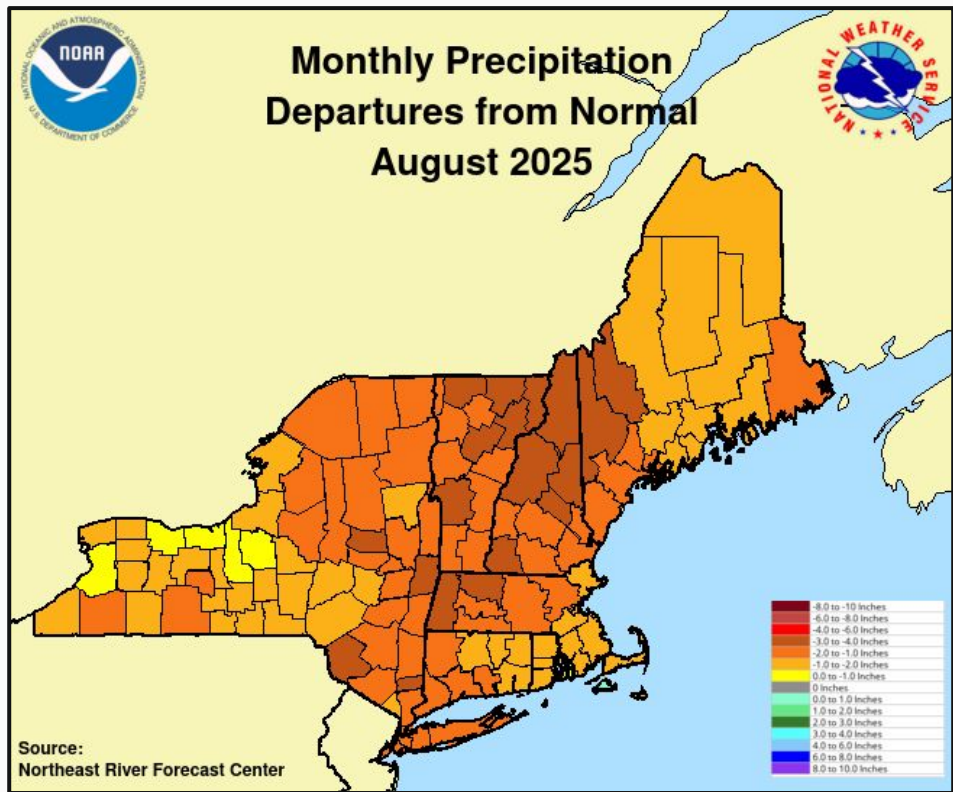
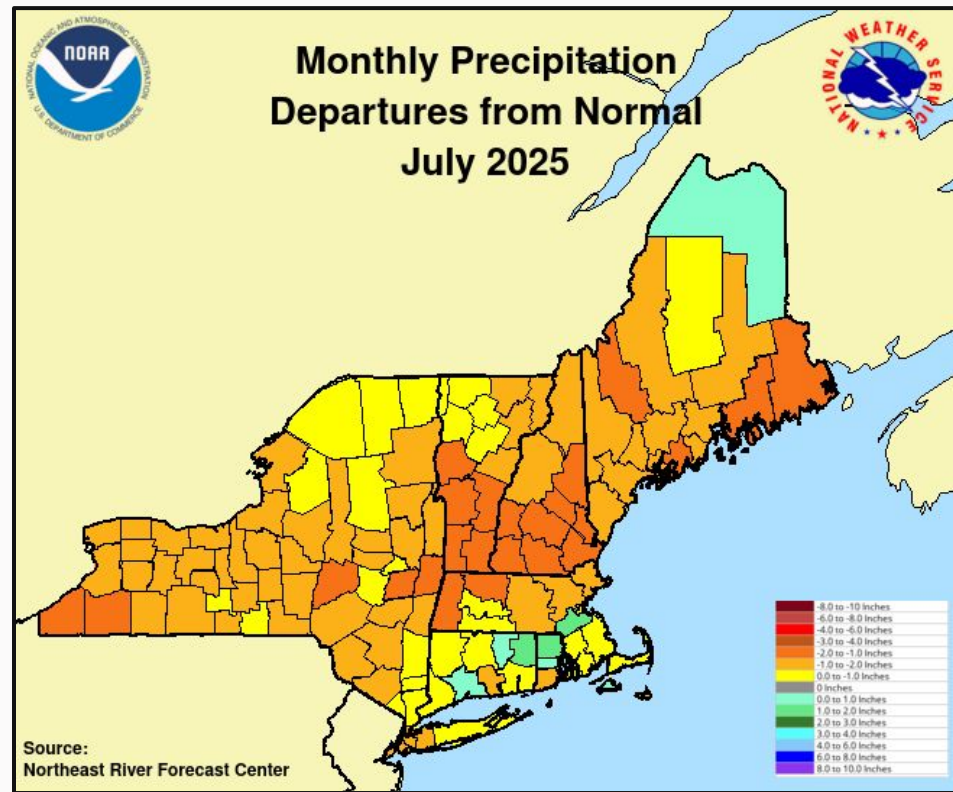


- After a handful of April days with fire weather concerns, a wet May would help put an end to the spring fire weather season for most of NY.





# Summer Precipitation Anomalies

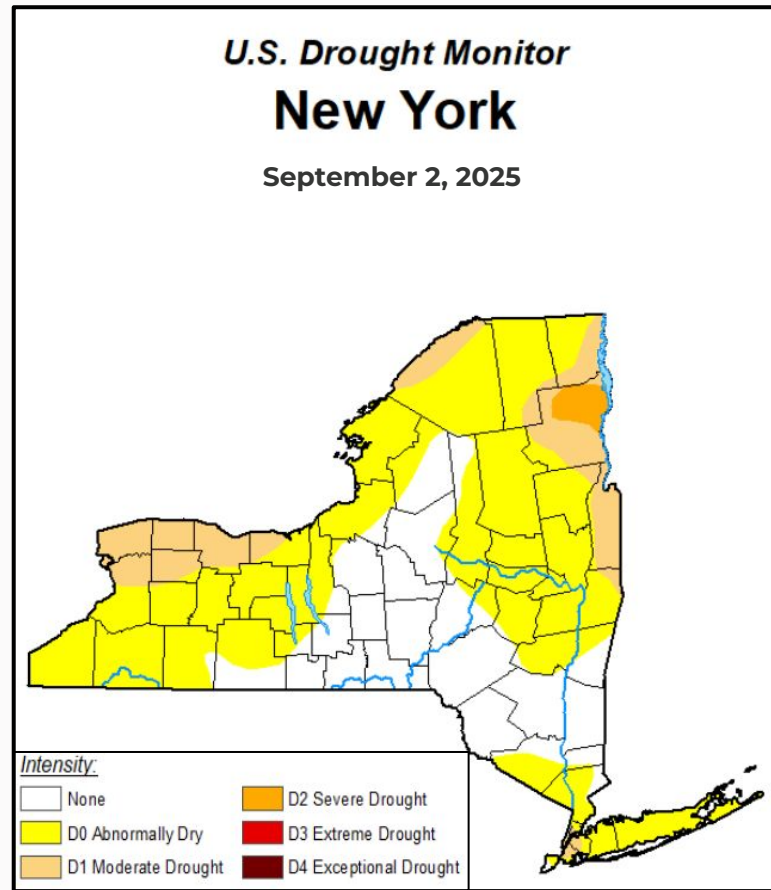




# NY Fall Fire Weather Season

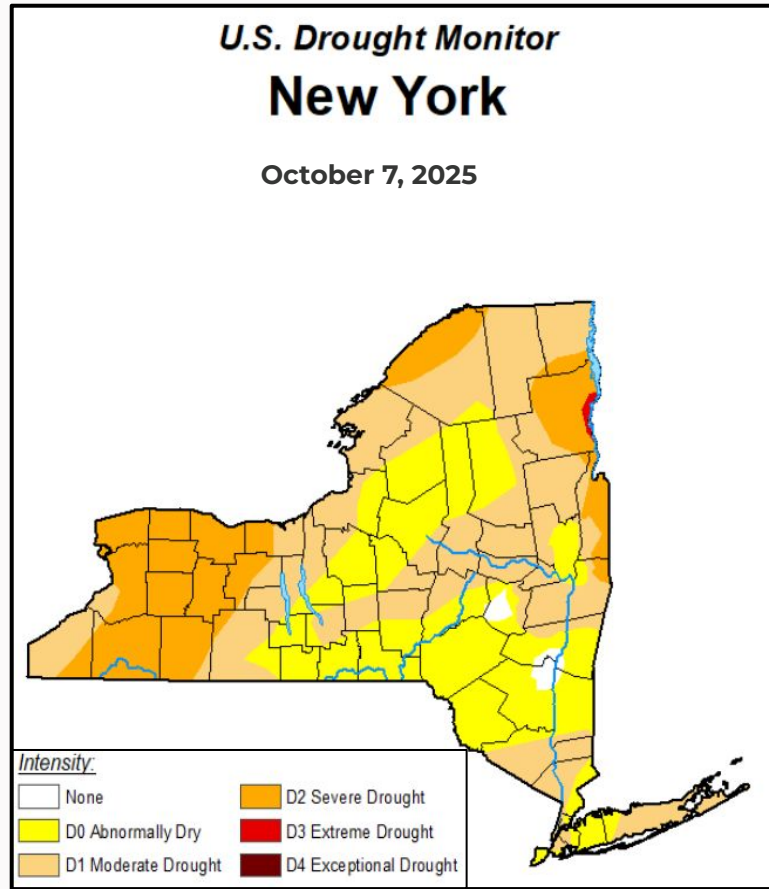
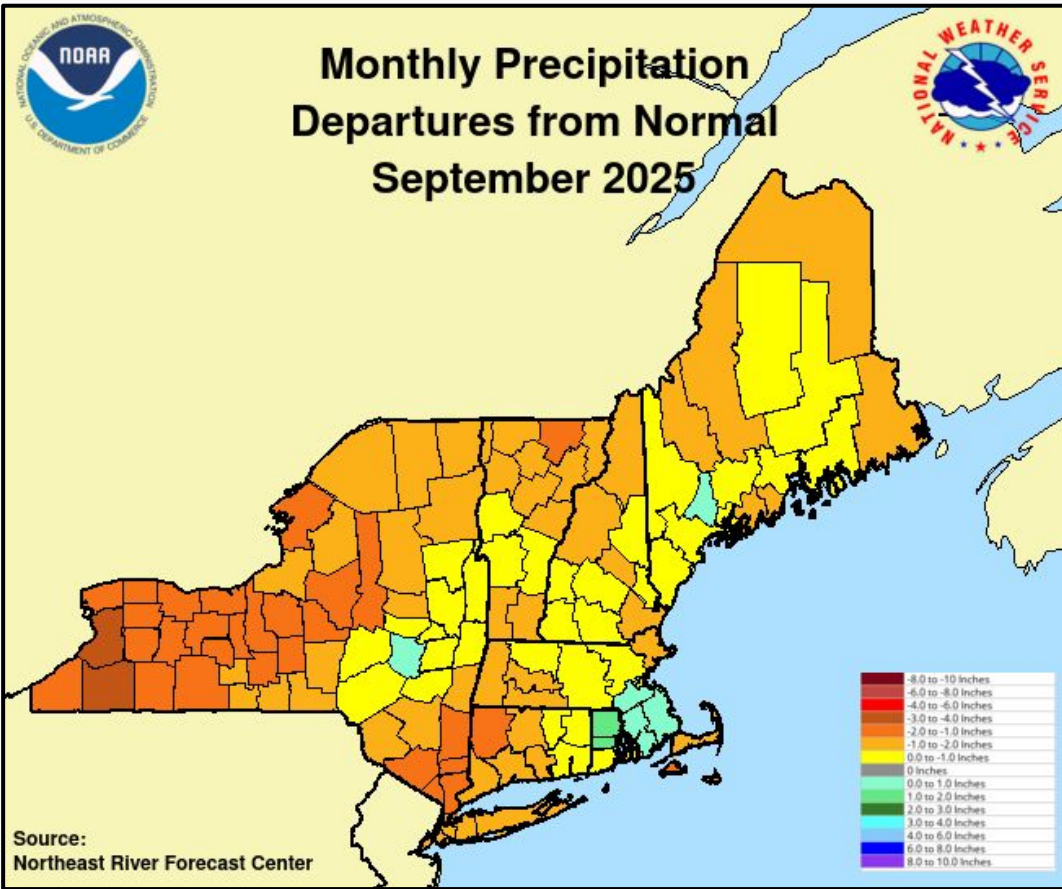


- September 4th would be the first fall day with fire weather concerns for NY, with warm temperatures and gusty S/SE winds ahead of a cold front in the Hudson and Champlain Valleys.
- Abnormally dry weather would continue through September with worsening drought conditions.
- There would be a handful of fire weather days from early September - mid October, but green-up and fewer windy days versus 2024 made for a manageable but still busy fall fire weather season.





# NY Fall Fire Weather Season

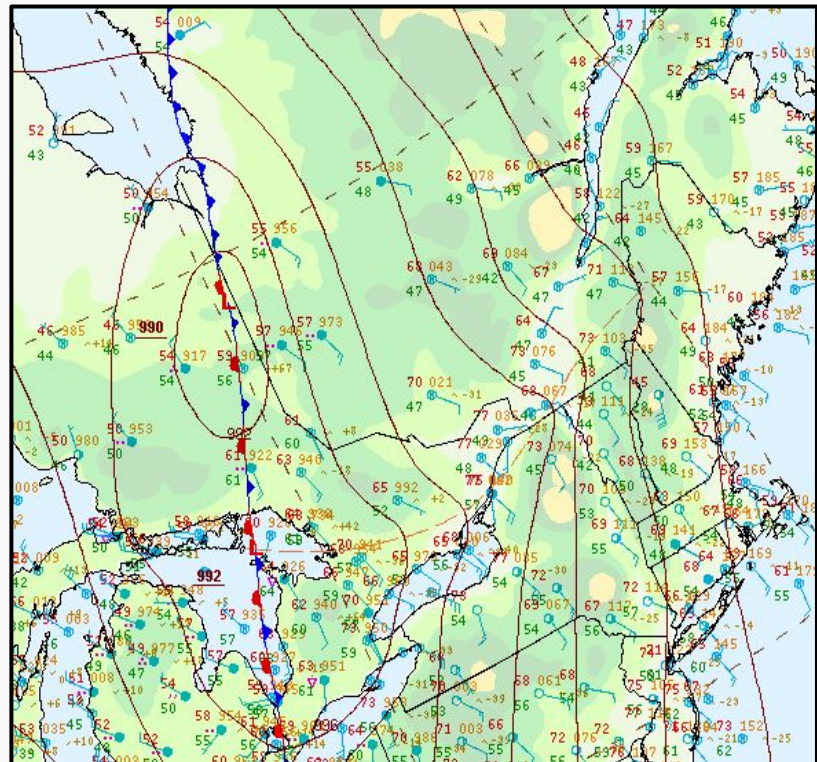




# First & Last Fall Red Flag Day



## Surface Analysis 1800 UTC October 29, 2025



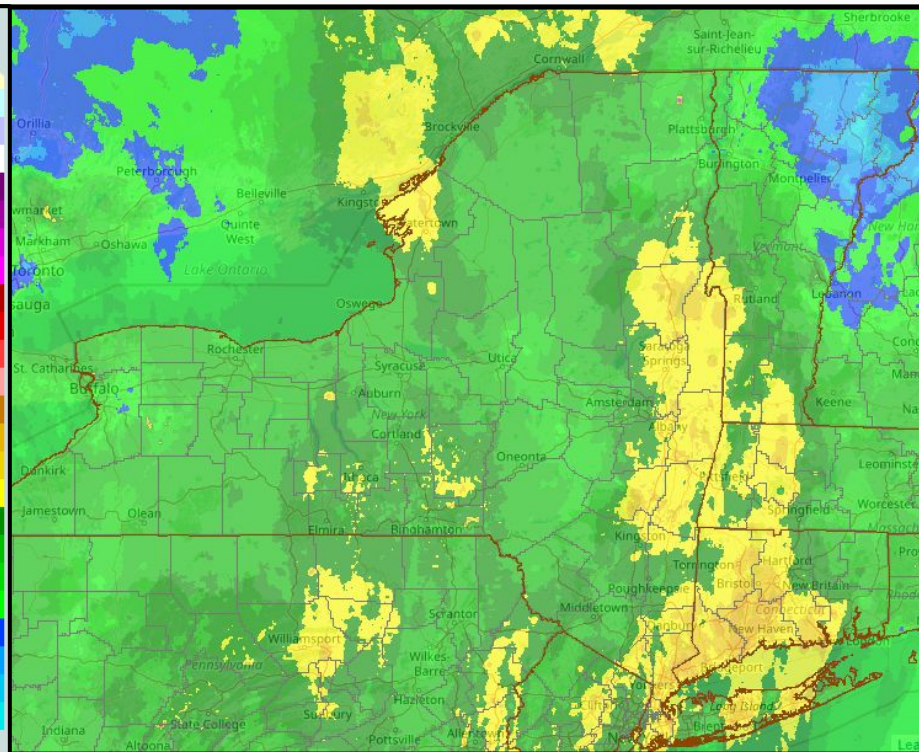
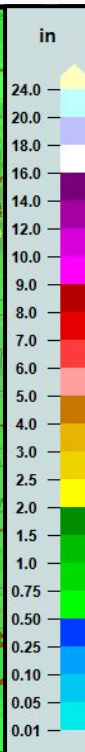
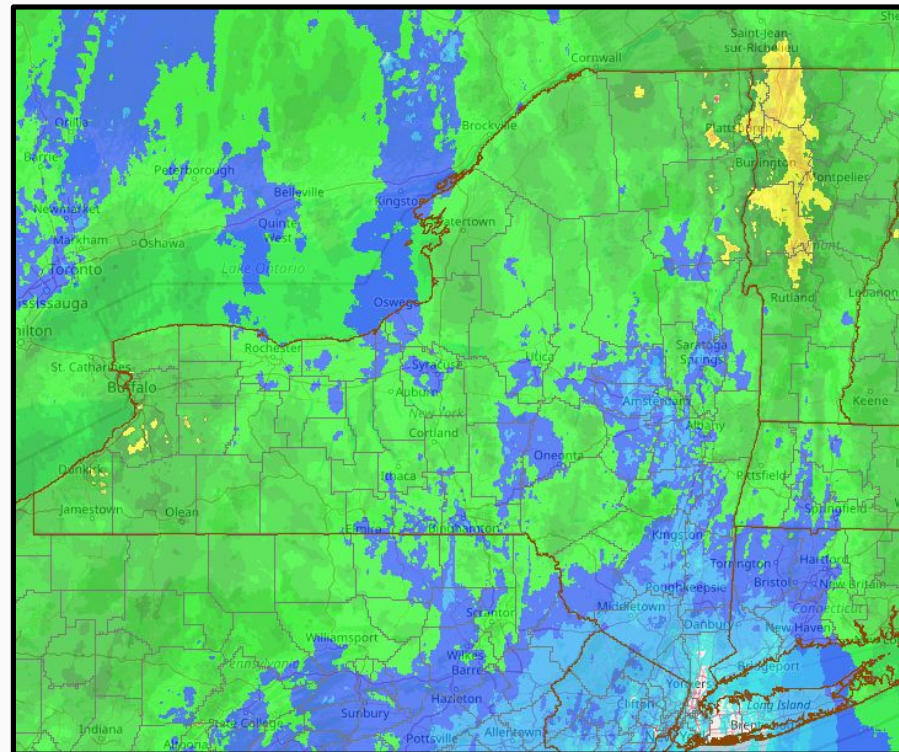


# End of Fall Fire Weather Season



## Radar Estimated Precipitation Oct 19 - Oct 21

## Radar Estimated Precipitation Oct 29 - Oct 31

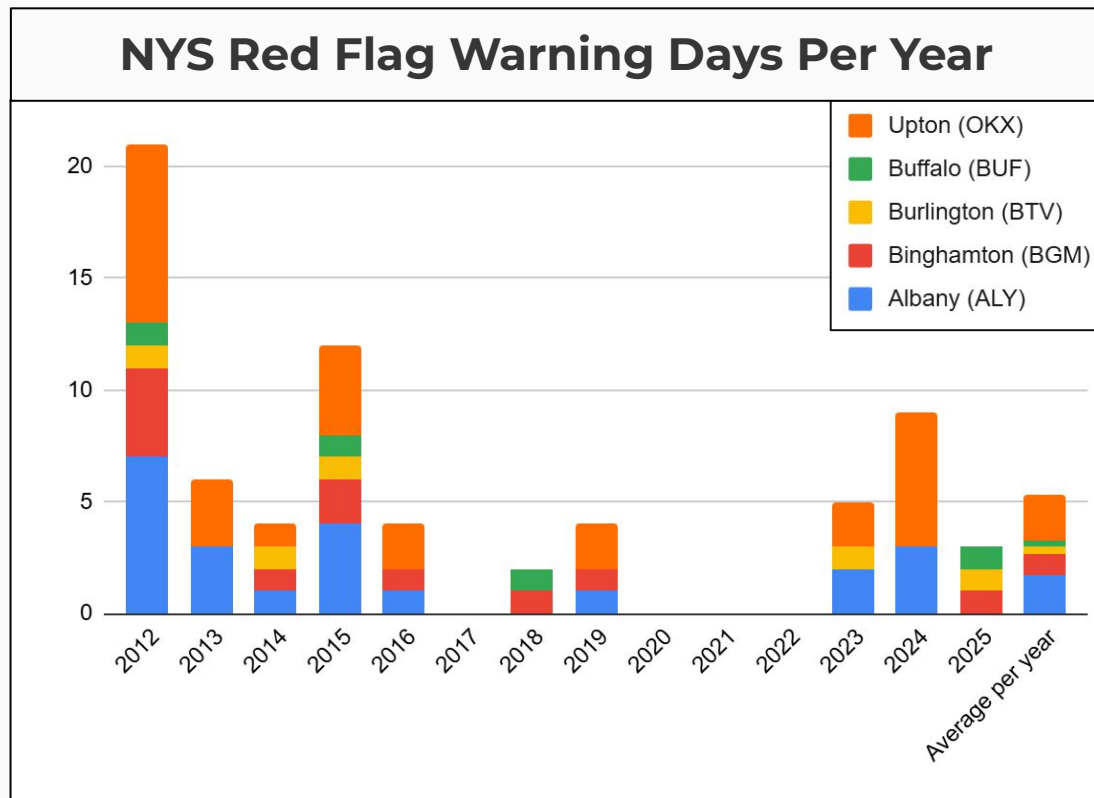




# 2025 Spring Fire Weather Summary



- Thanks to below-normal snow cover across much of the state, fire weather concerns started early in spring of 2025 on March 7th.
- Spring would be moderately busy, with several SPS days in March and April, but a wet May ended fire weather concerns until the fall.
- Luckily, there would only be 1 Red Flag Day in Spring 2025.

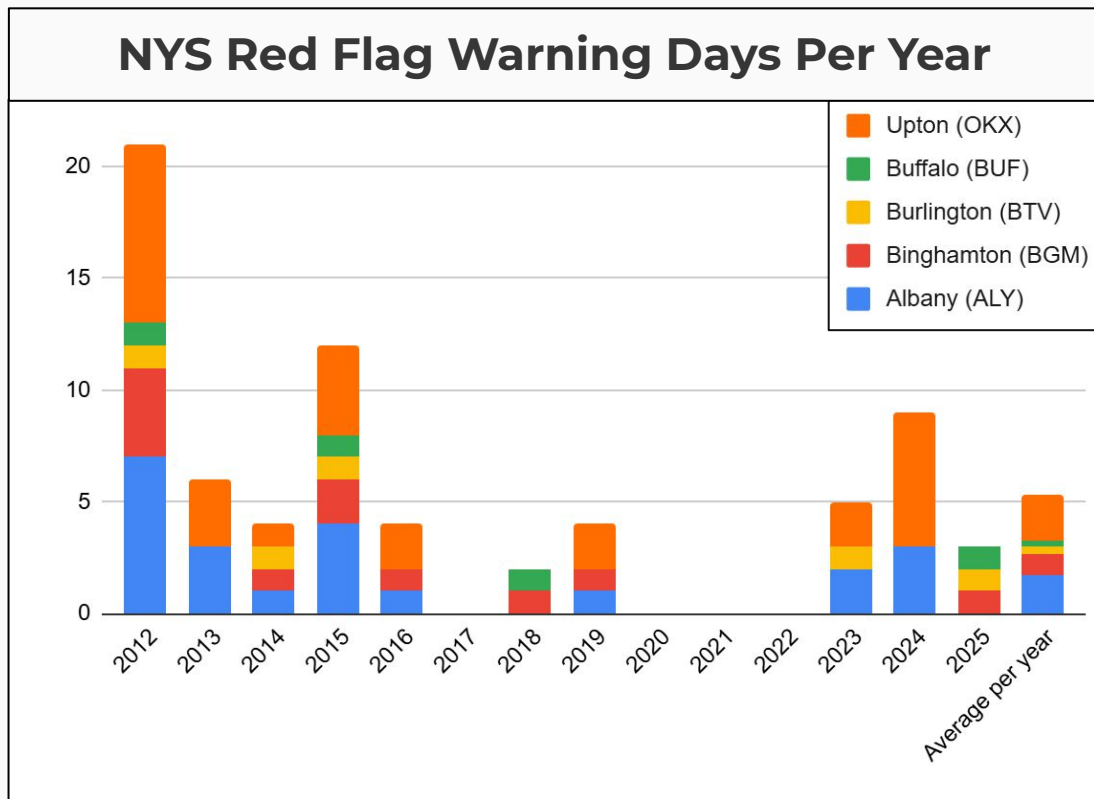




# 2025 Fall Fire Weather Summary



- Late summer and early fall was unusually dry for most of NY with drought developing across the state.
- While only 1 RFW was issued in NY during fall of 2025, the fire weather season remained busy through mid-October.
- Fortunately, widespread wetting rain around the time of leaf drop prevented another fire weather season similar to fall of 2024.





# 2025 Fall Fire Weather Summary



**Questions, comments, and  
further discussion**