

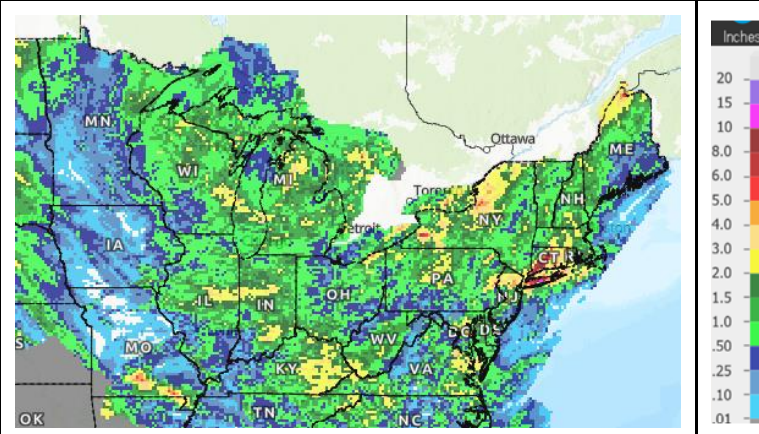


Eastern Area Fire Weather/Fire Danger Outlook 8-23-24 to 8-27-24

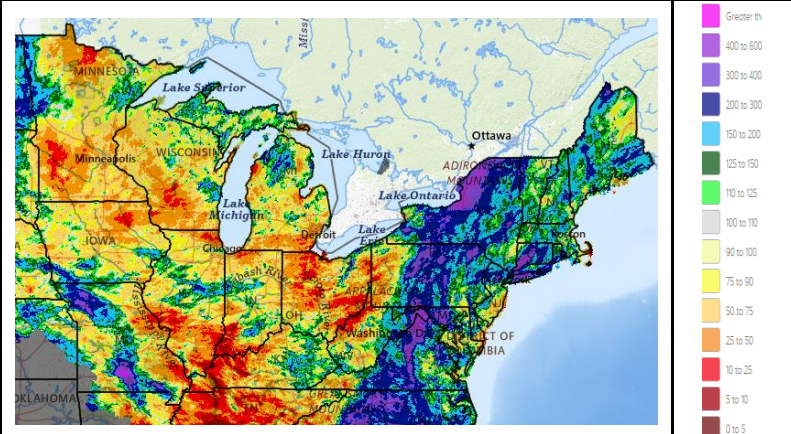
The following outlook is made with the most recent weather data available on August 22, 2024. It is a general report intended to provide fire management personnel with an area wide outlook for August 22, 2024 to August 27, 2024. Due to the variability in the data and weather computer model limitations beyond this time period, it is important for the local fire manager to know their own area of responsibility.

The graphics below display the accumulated precipitation data over the preceding 7 and 14 days leading up to the morning of August 22, 2024. To the right of each graphic is a key displaying the color corresponding to precipitation amounts in inches and percent of normal. The 7 day total precipitation amount forecast from the morning of August 23 into the morning of August 30 is shown at the bottom left of this page. The WFAS Severe Fire Danger Index Forecast Map is displayed on the bottom right.

Previous 7 Day Accumulated Precipitation

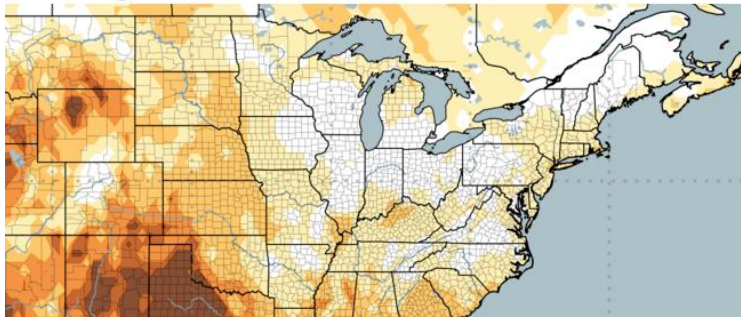


Previous 14 Day Percent of Normal Precipitation



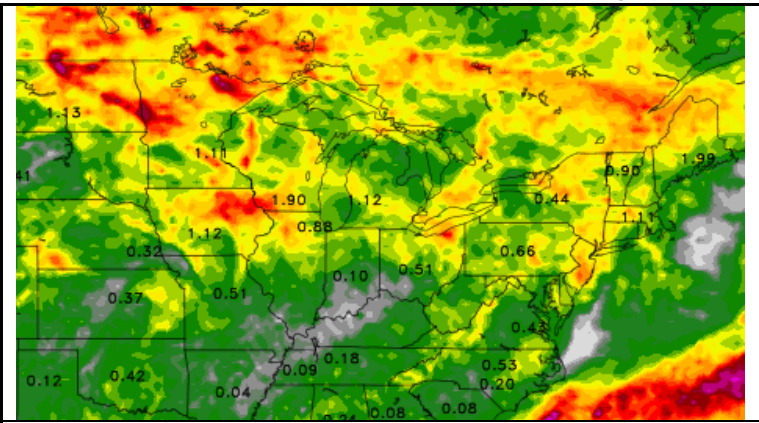
Hot, Dry and Windy Index – August 22, 2024

22 Aug 2024 HDWI Forecast Percentiles

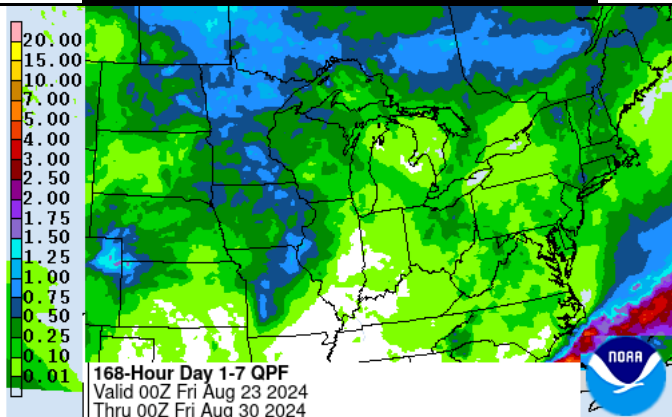


Percentile Exceeded from 1981-2010 Climatology

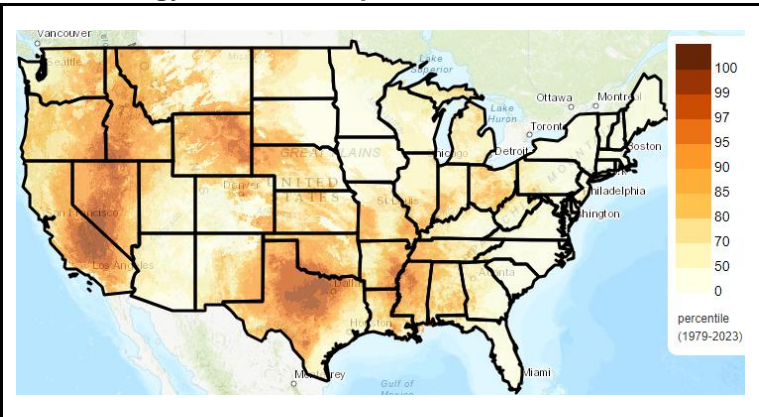
European Model Total Precipitation Forecast through 8/31/24



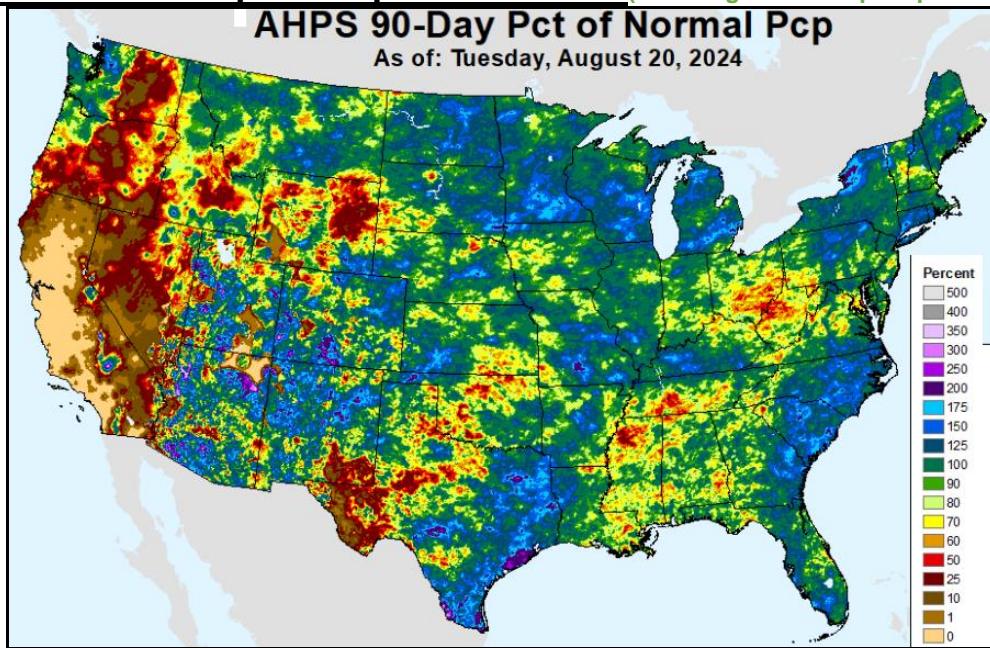
7 Day Total Precipitation Forecast



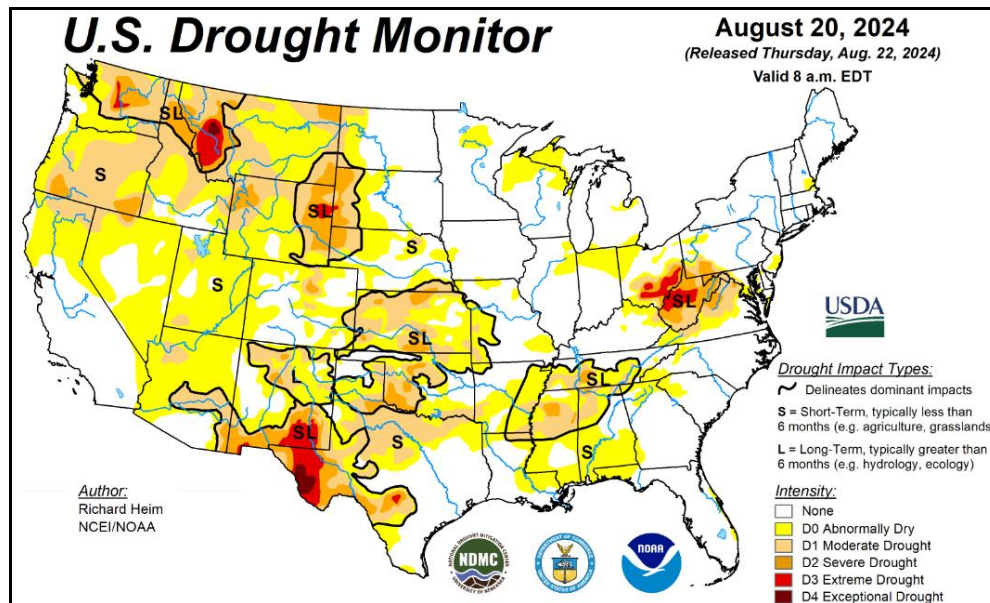
Energy Release Component Percentiles 8/22/2024



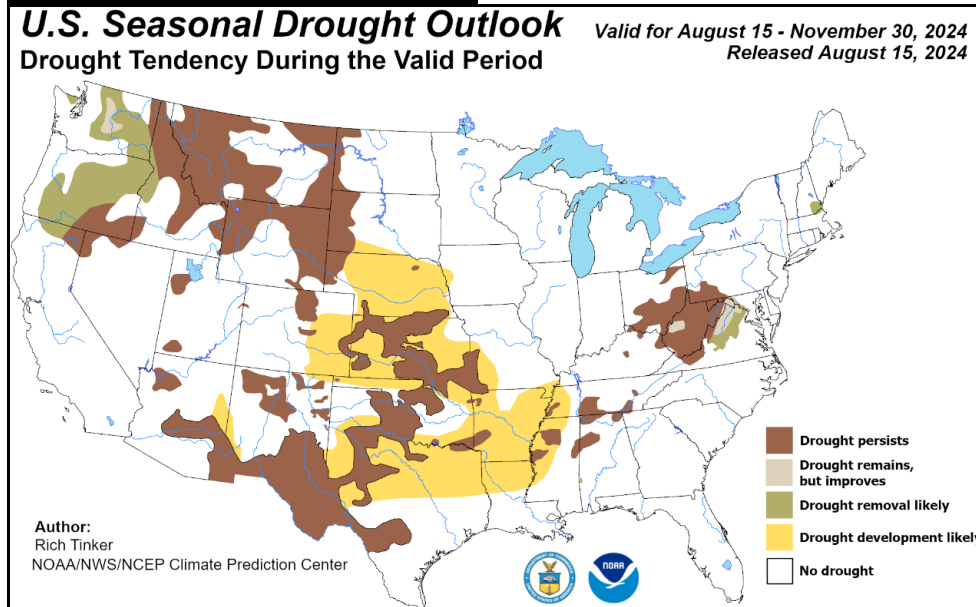
Standard Evapotranspiration Index (Combing effects of precipitation and temperature)



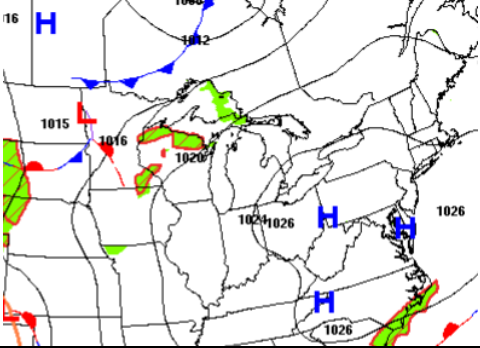
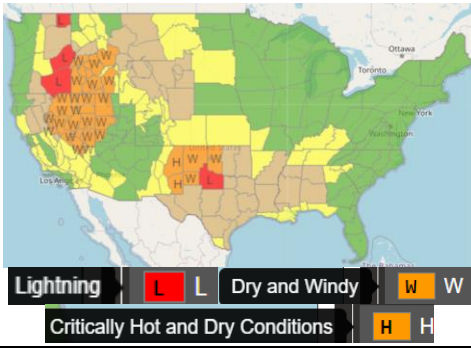
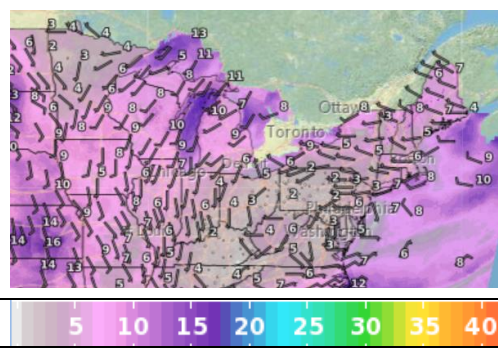
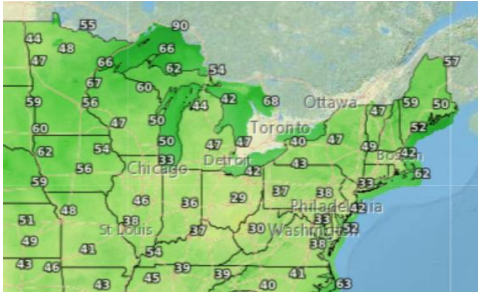
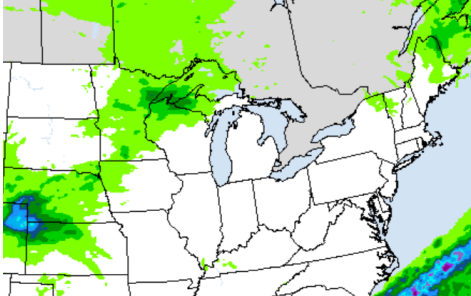
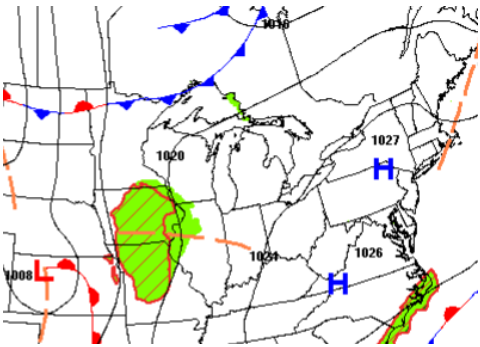
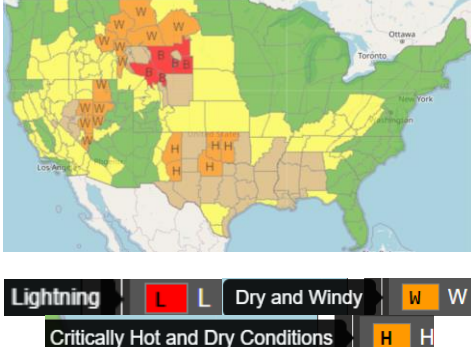
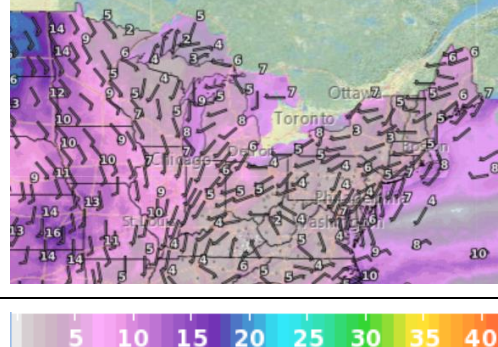
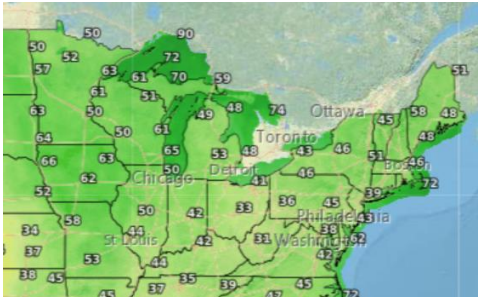
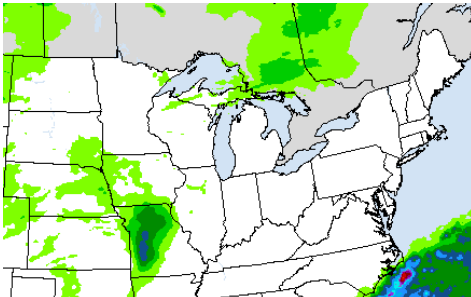
U.S. Drought Monitor



Seasonal Drought Outlook



Fire Weather/Fire Danger Forecast

Friday, August 23	Weather	
Surface Map, 100 PM CDT or 2 PM EDT 	Large Fire Potential Areas 	Wind Speeds at 200 PM CDT 
Minimum Relative Humidity 	Precipitation Areas 	Comments Low RH levels will persist over the Ohio Valley Friday afternoon.
Saturday, August 25	Weather	
Surface Map, 700 AM CDT 	Large Fire Potential Areas 	Wind Speeds at 200 PM CDT 
Minimum Relative Humidity 	Precipitation Areas 	Comments Low RH levels persist over the western Mid-Atlantic States Saturday afternoon.

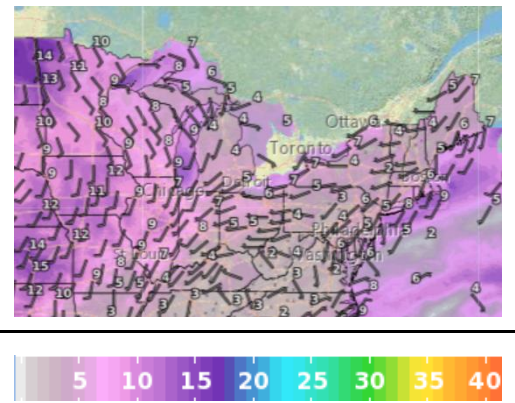
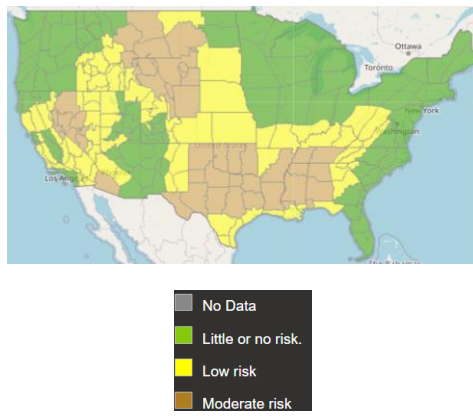
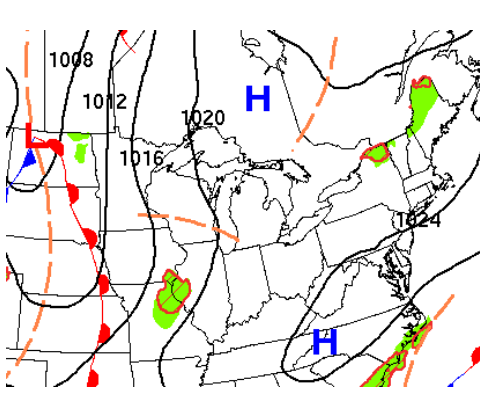
Sunday, August 25

Weather

Surface Map, 700 AM CDT

Large Fire Potential Areas

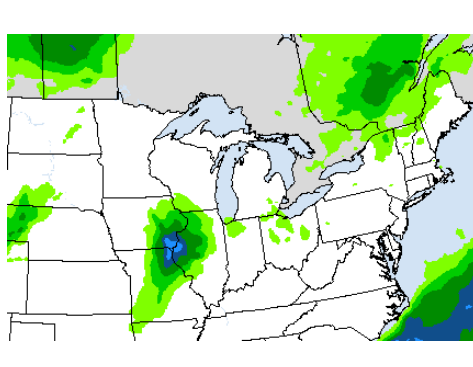
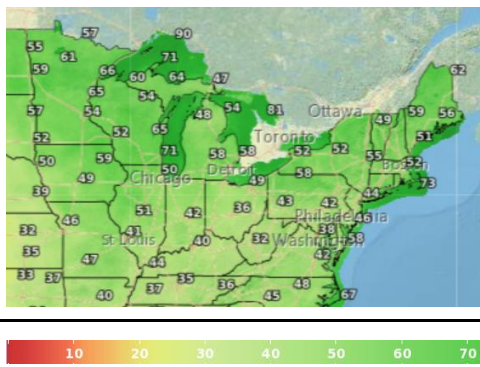
Wind Speeds at 400 PM CDT



Minimum Relative Humidity

Precipitation Areas

Comments



Low RH levels are forecast to persist over the western Mid-Atlantic States Sunday afternoon.

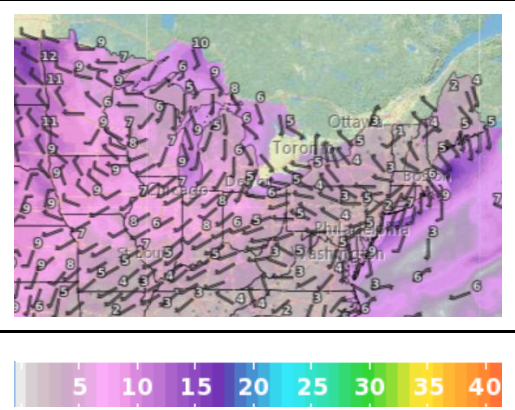
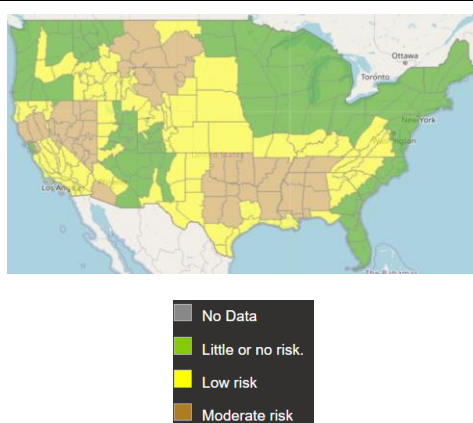
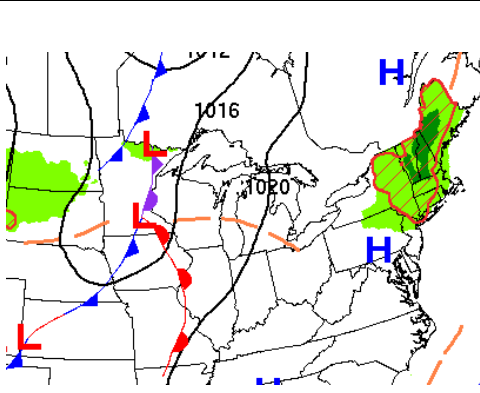
Monday, August 26

Weather

Surface Map, 700 AM CDT

Large Fire Potential Areas

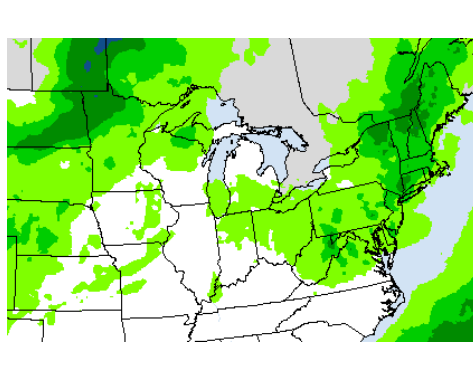
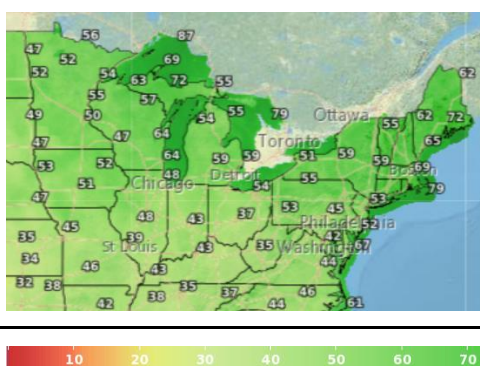
Wind Speeds at 100 PM CDT

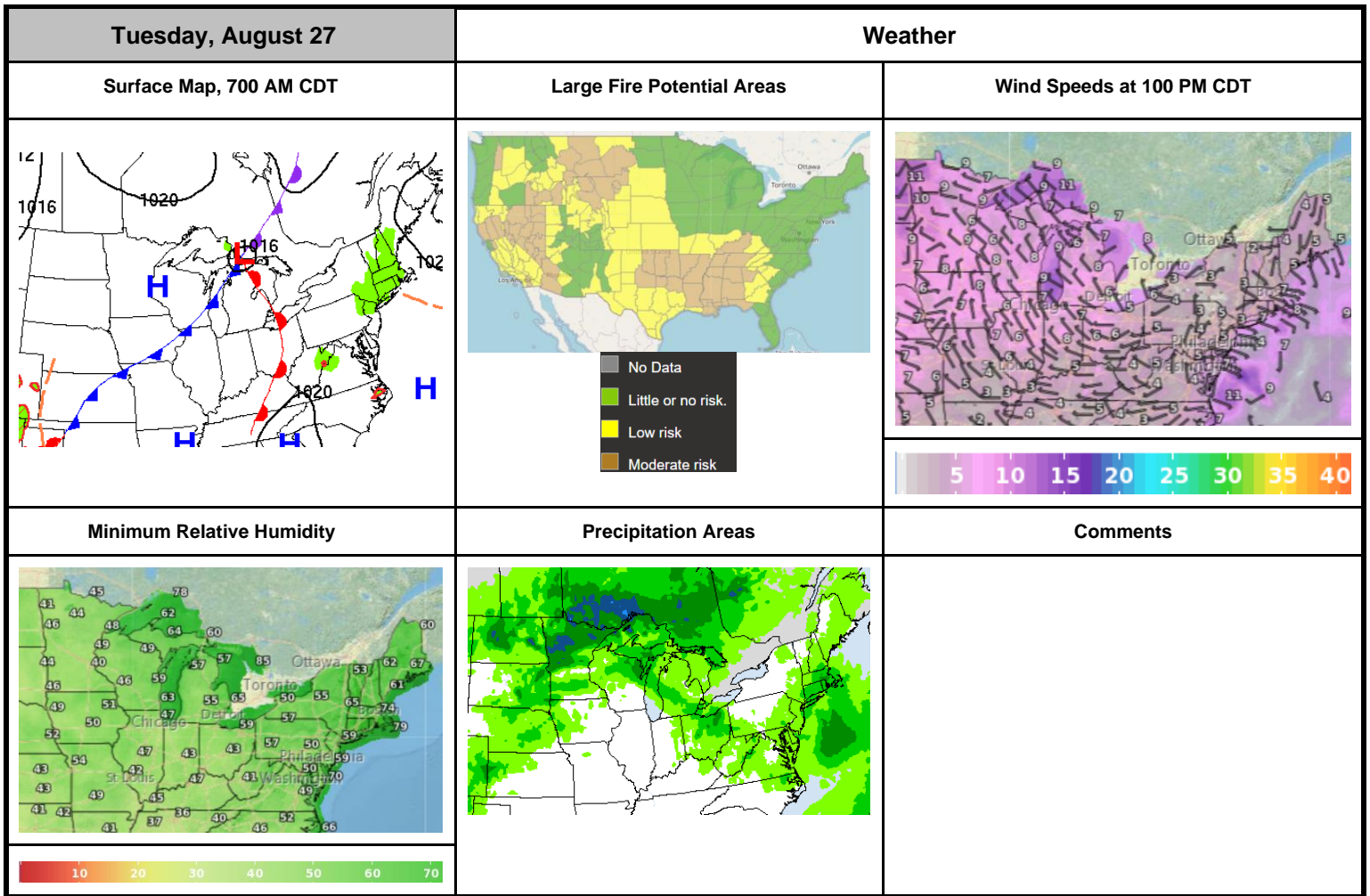


Minimum Relative Humidity

Precipitation Areas

Comments





Resources: Resources are expected to be adequate within the Eastern Area during this forecast period.

6 to 10 Day Climate Prediction Center Forecasts for August 28 – September 1, 2024

