National Weather Service Daily Briefing

Friday, October 16, 2020

By Marty Pope

Hydrology

Mississippi River
Missouri River
Ohio River
Arkansas River

Current Gauges At or Above Flood Stage

Click on the map or select one of the data views below:

- United States
- NWS Weather Forecast Offices
- NWS River Forecast Centers
- Water Resources Regions

○ Probability and forecasts available
◇ Observations only available
□ Forecasts available

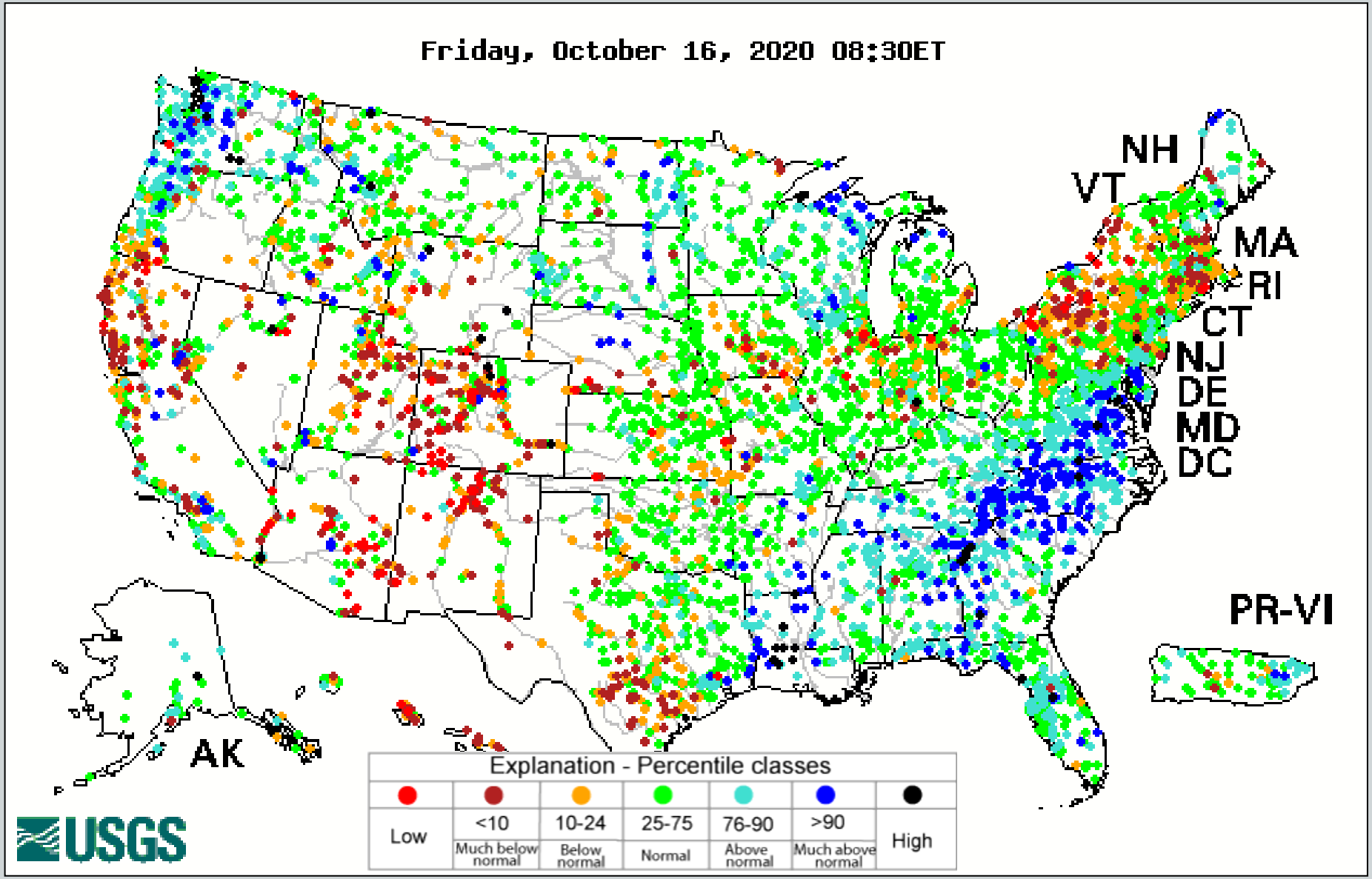
56 total gauges

Show all locations in flood (21)

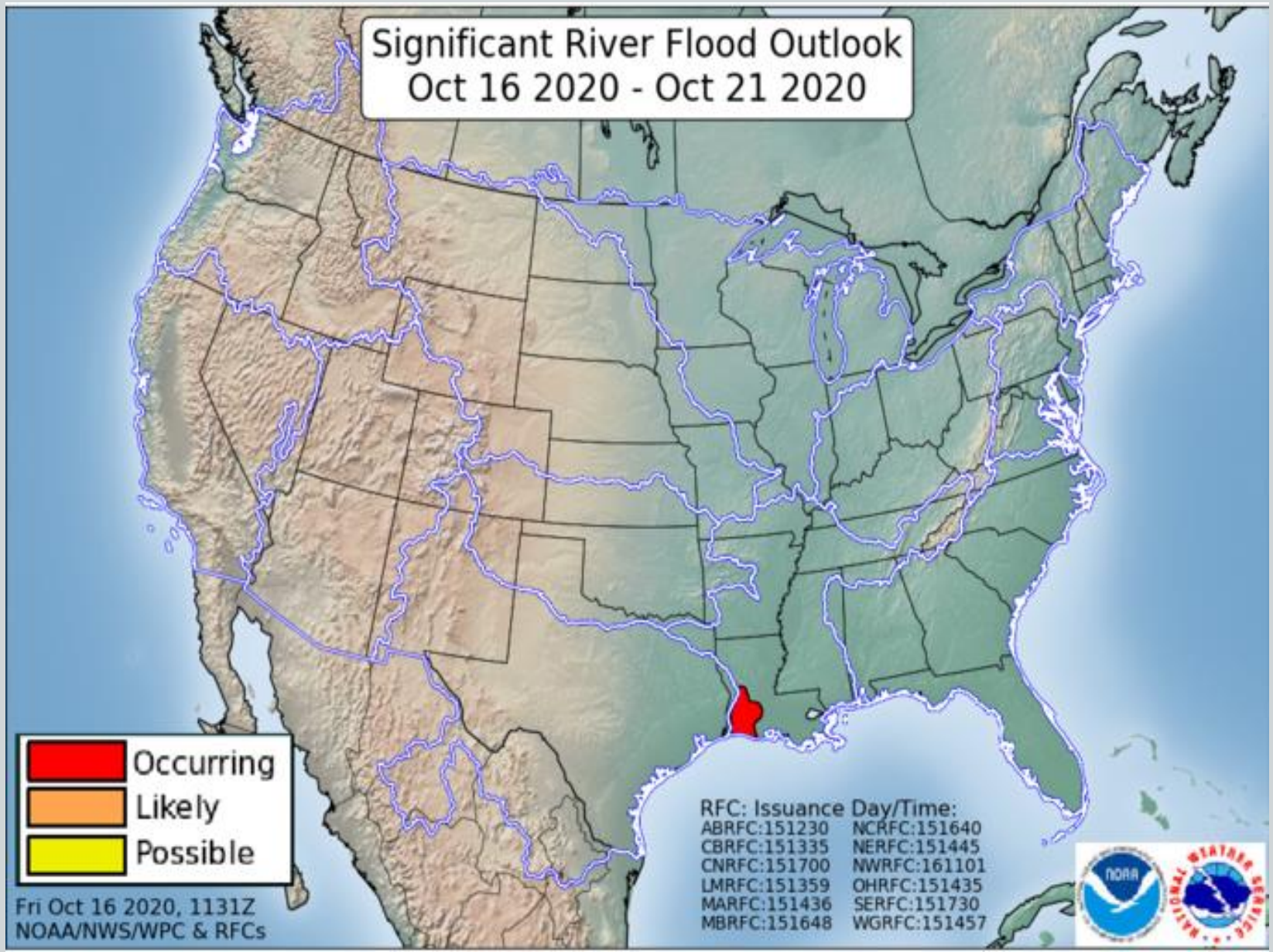
- 5 Gauges: Major Flooding
- 4 Gauges: Moderate Flooding
- 12 Gauges: Minor Flooding
- 35 Gauges: Near Flood Stage
- 0 Gauges: No Flooding
- 0 Flood Category Not Defined
- 0 At or Below Low Water Threshold
- 0 Gauges: Observations Are Not Current
- 0 Gauges: Out of Service

Show all locations

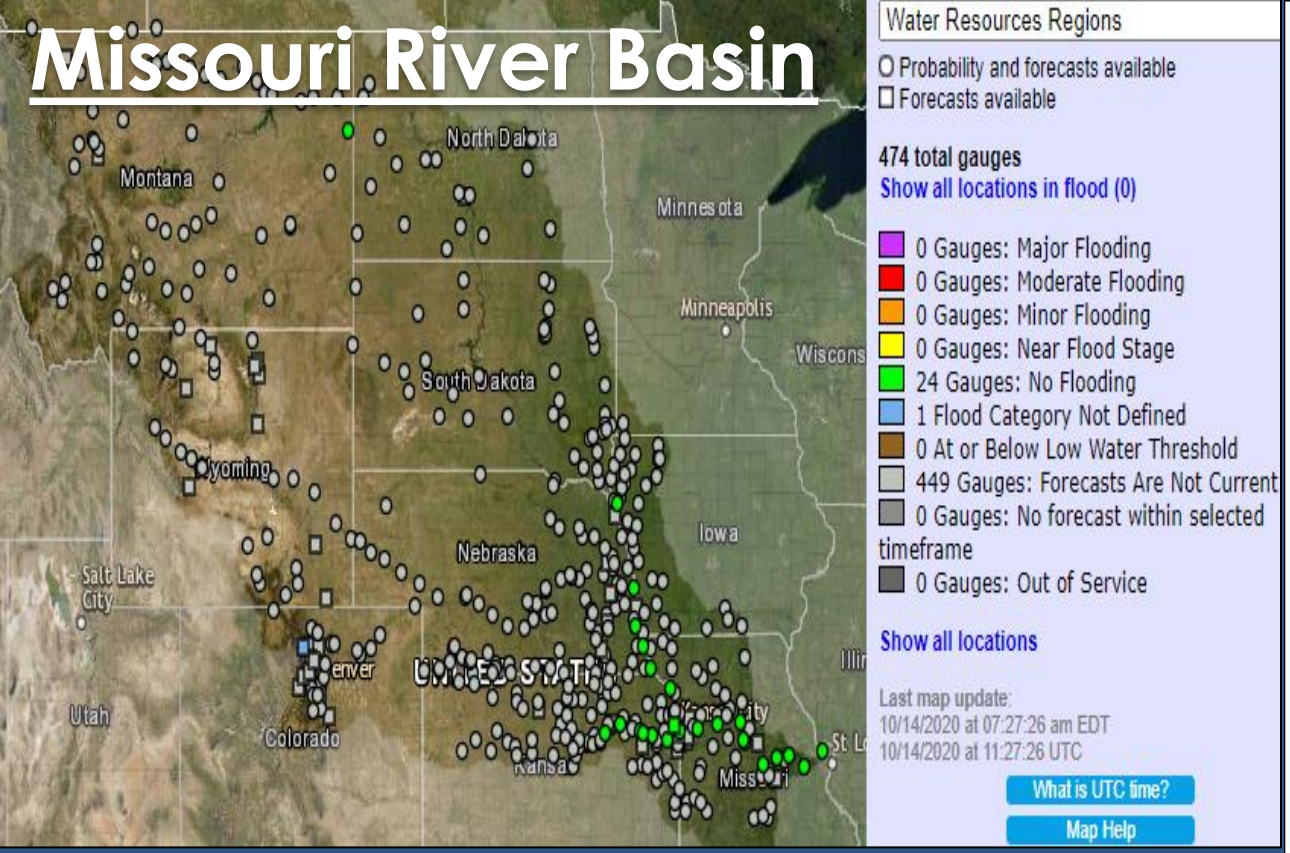
Current Streamflow

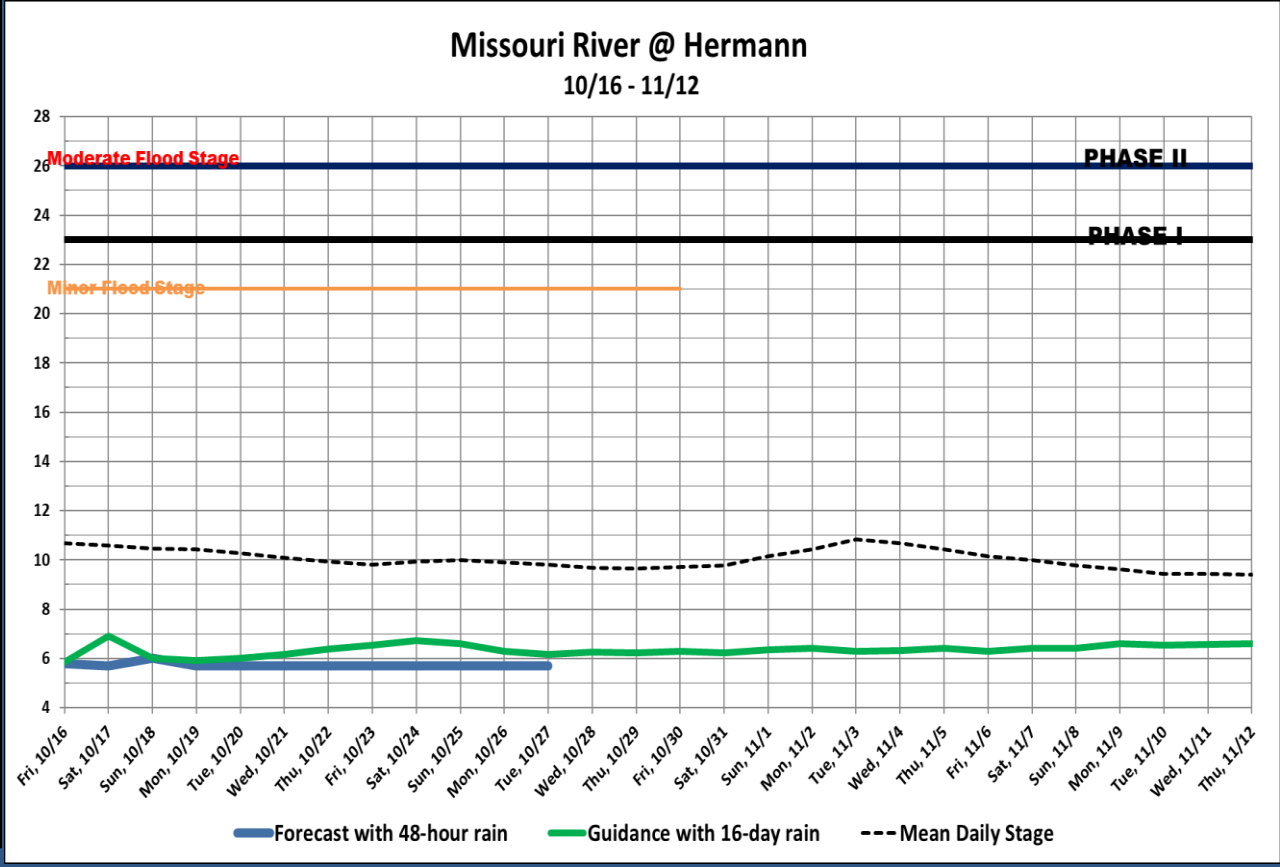


5 Day Flood Outlook



Missouri River Basin

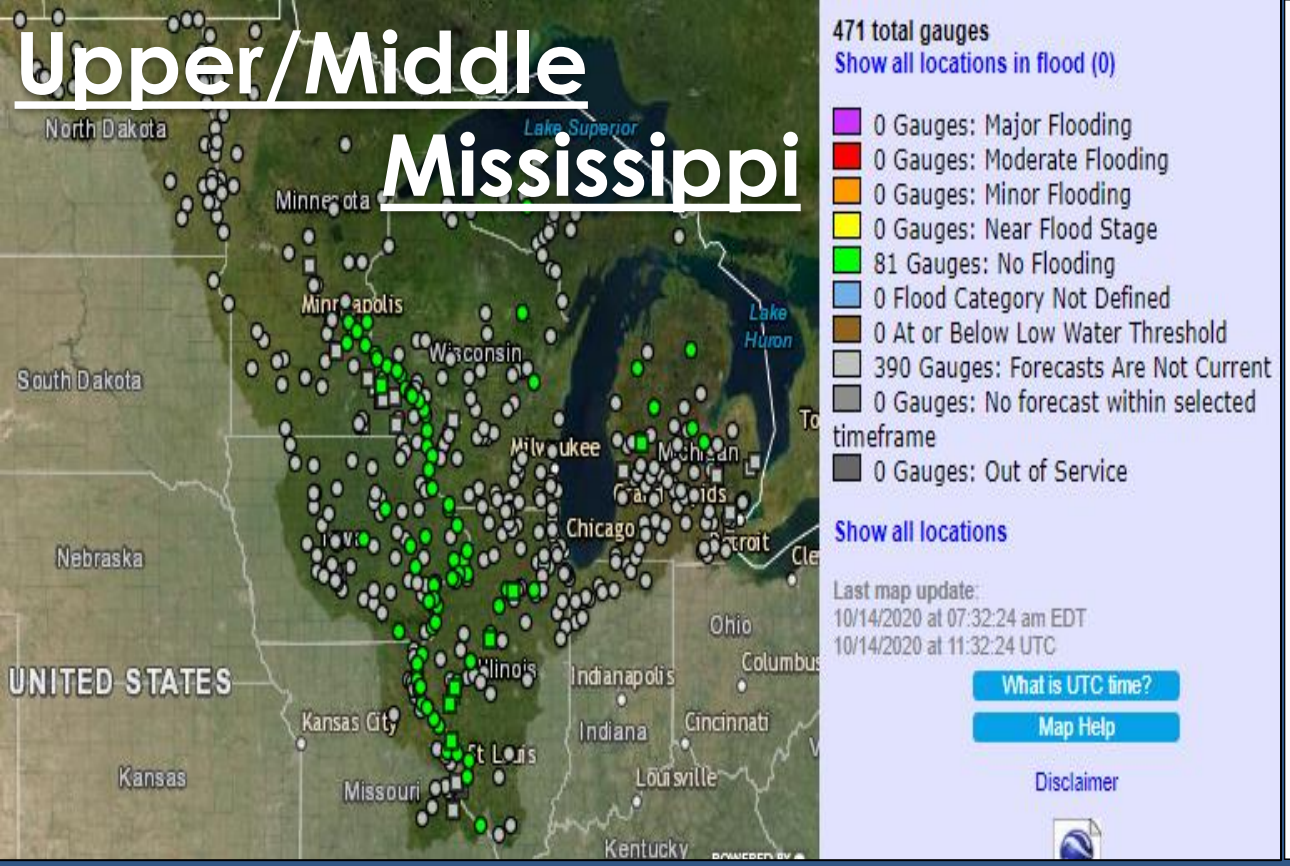


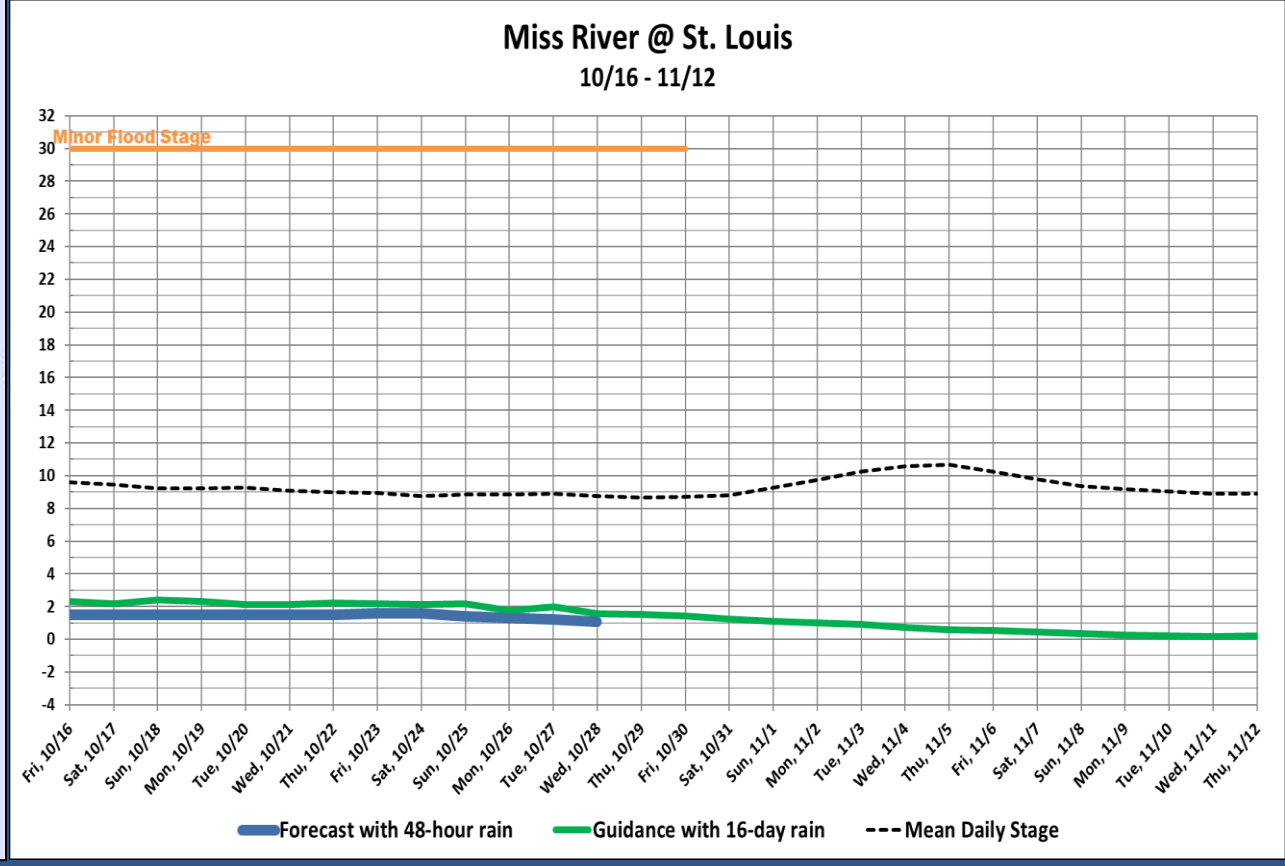


Gauge	Flood Stage	Current	5 Day Forecast	Potential Crest	Flood Category
Jefferson City	23.0’	6.6’	6.6’	-	Below
Hermann	21.0’	5.8’	5.7’	-	Below
St Charles	25.0’	10.7’	10.5’	-	Below

- No flooding is occurring.

Upper/Middle Mississippi

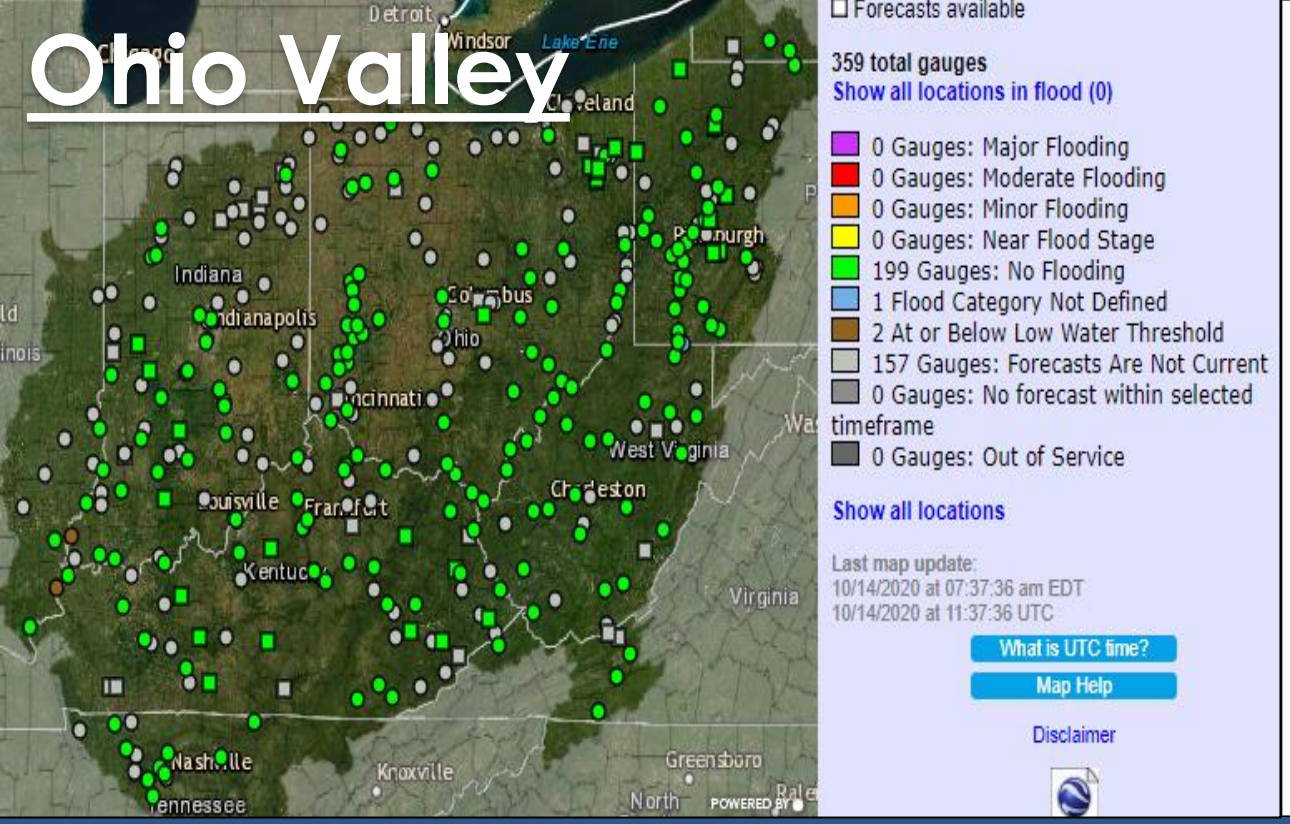


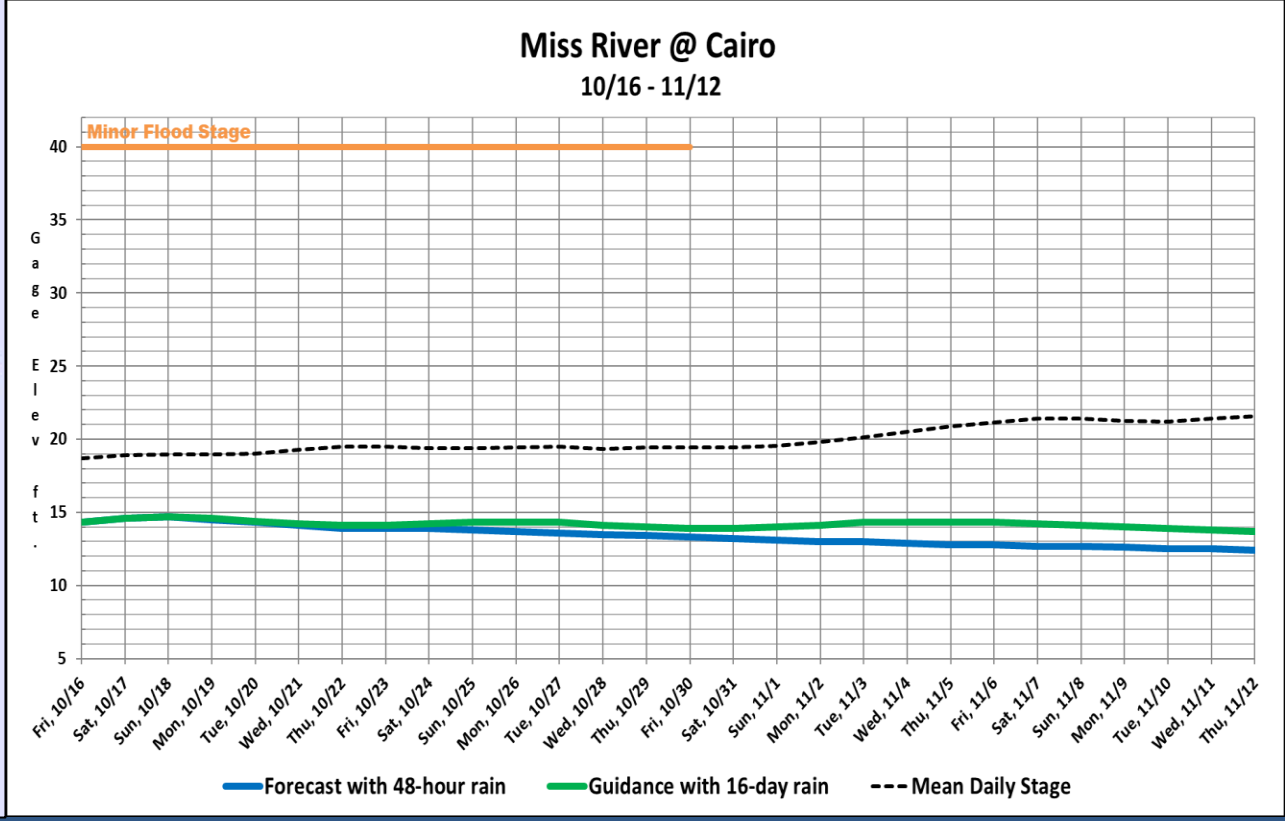


Gauge	Flood Stage	Current	5 Day Forecast	Potential Crest	Flood Category
St Paul	14.0’	3.7’	3.9’	-	Below
Rock Island	15.0’	5.7’	5.8’	-	Below
Valley City	14.0’	2.0’	1.8’	-	Below
St Louis	30.0’	1.5’	1.6’	-	Below
Chester	27.0’	3.8’	4.1’	-	Below

- No flooding is occurring or forecast.

Ohio Valley

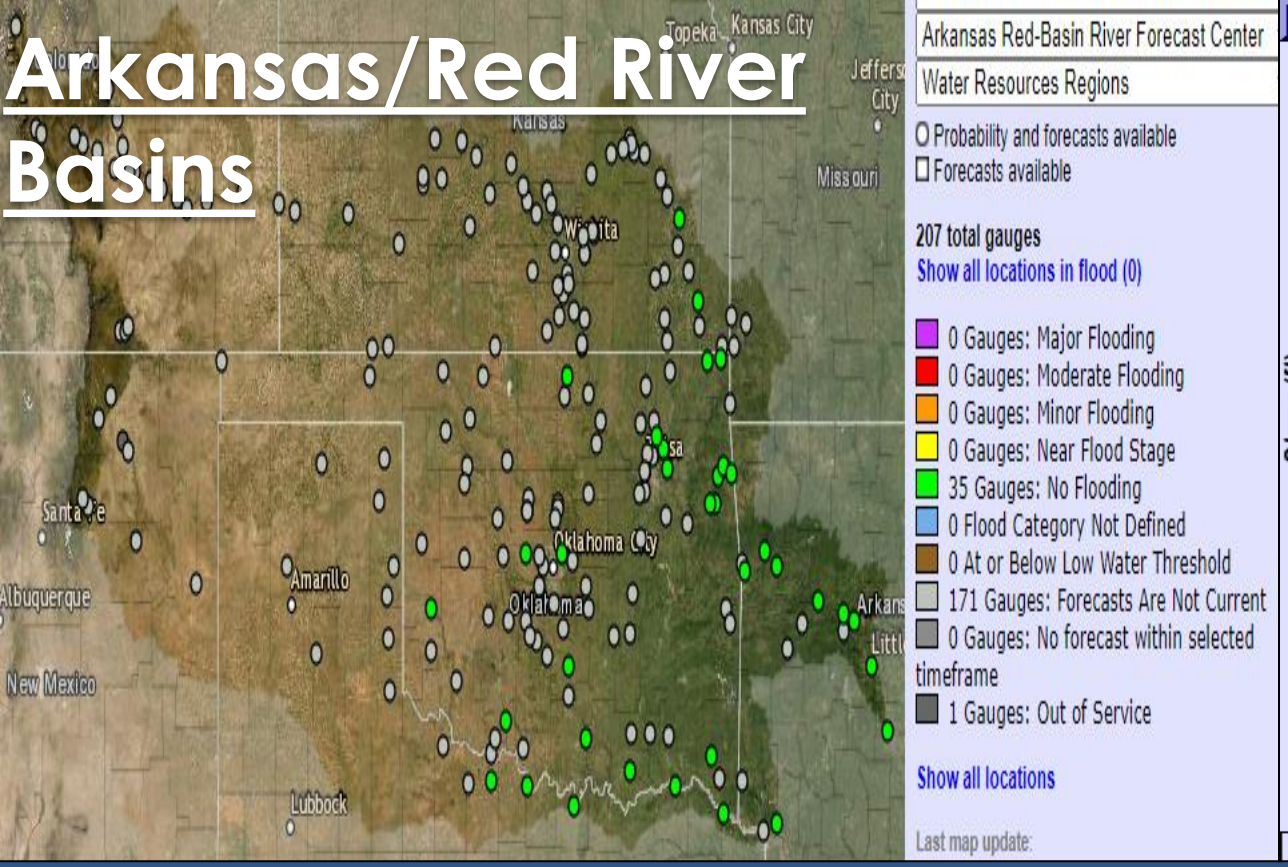


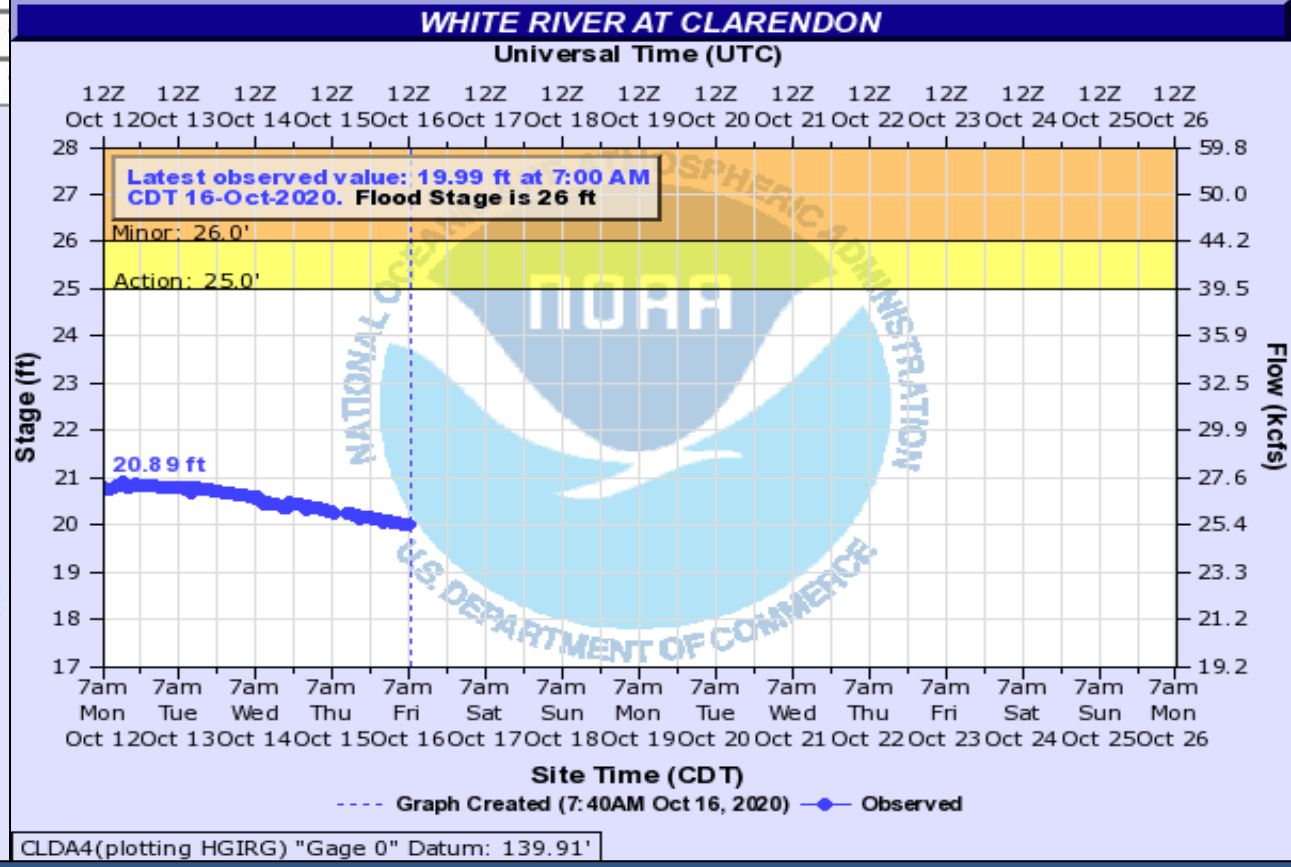


Gauge	Flood Stage	Current	5 Day Forecast	Potential Crest	Flood Category
Paducah	39.0’	16.0’	16.2’	-	Below
Cairo	40.0’	13.2’	13.9’	-	Below

- No flooding is occurring or forecast.

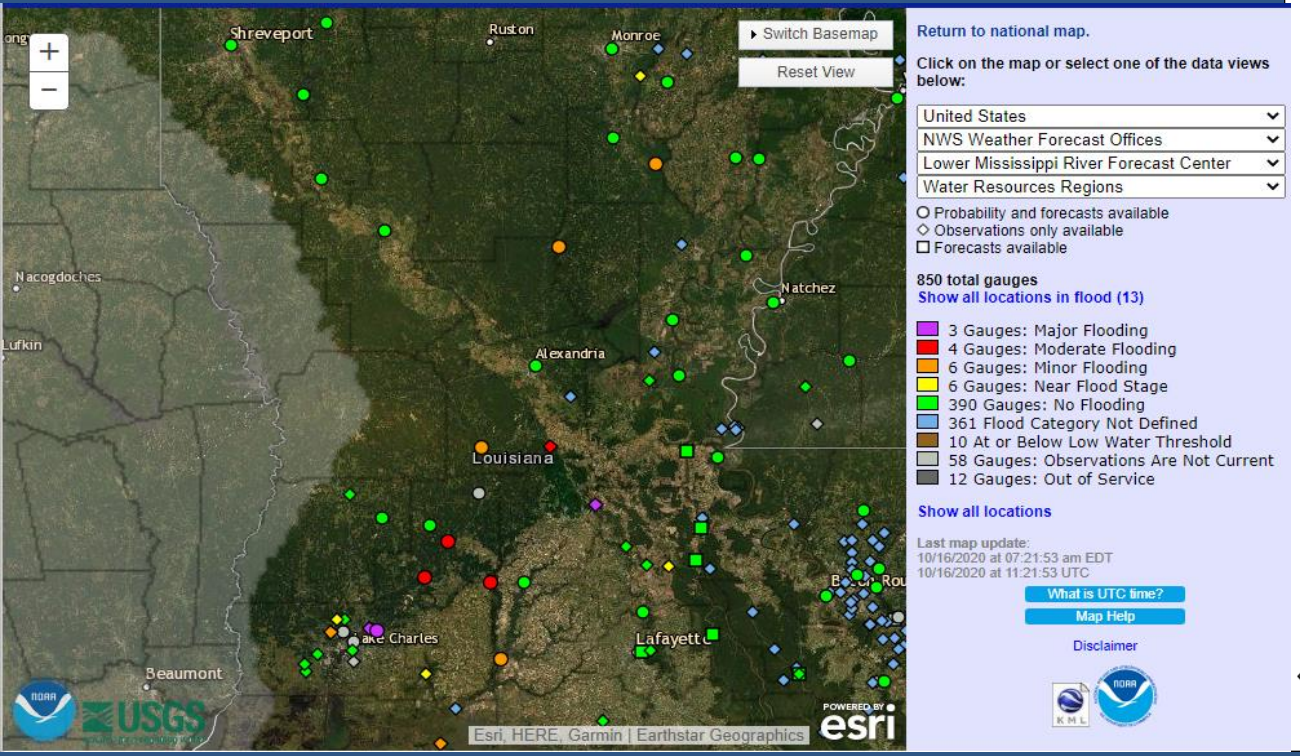
Arkansas/Red River Basins

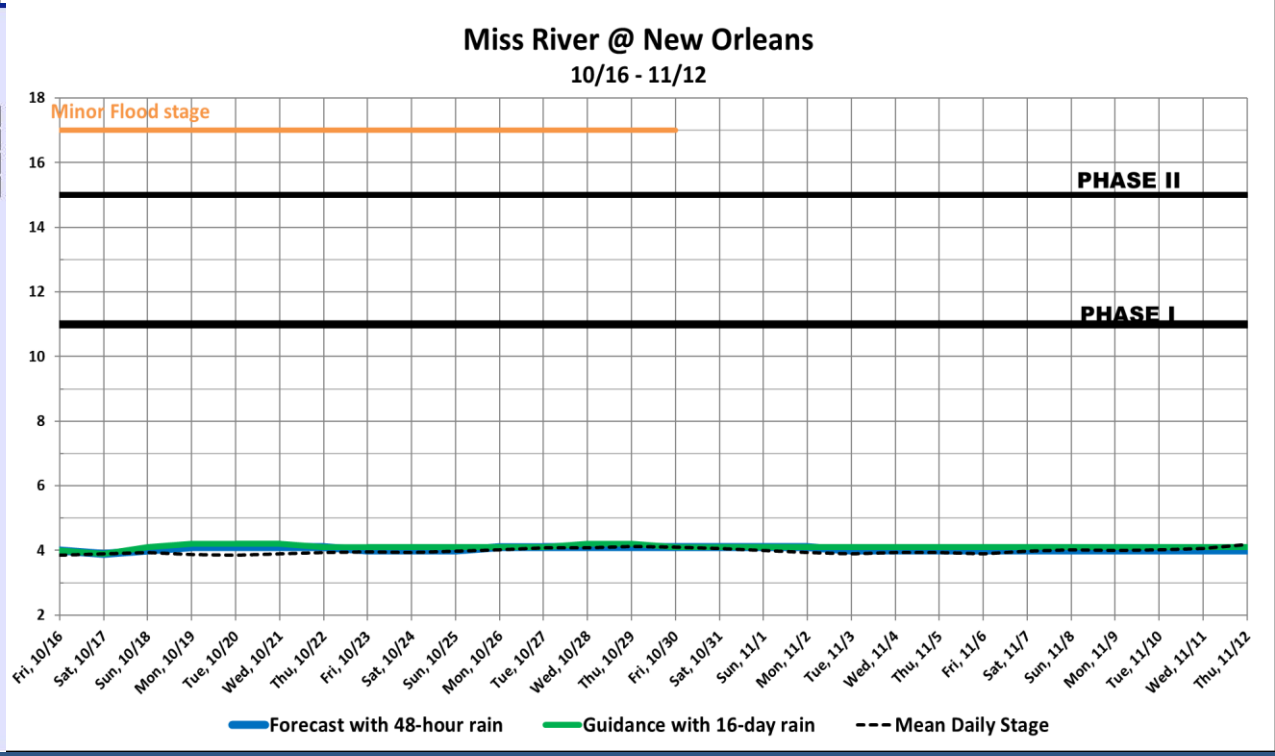




Gauge	Flood Stage	Current	5 Day Forecast	Potential Crest	Flood Category
Little Rock	23.0'	7.6'	7.2'	-	Below
Clarendon	26.0'	20.0'	19.3'	-	Below
Shreveport	30.0'	13.9'	14.0'	-	Below

- No flooding is occurring or forecast.





Gauge	Flood Stage	Current	5 Day Forecast	Potential Crest	Flood Category
Cairo	40.0’	13.2’	14.1’	-	Below
Memphis	34.0’	-3.3’	-2.1’	-	Low Water
Vicksburg	43.0’	11.6’	11.4’	-	Below
Baton Rouge	35.0’	12.3’	12.2’	-	Below
New Orleans	17.0’	4.1’	4.1’	-	Below

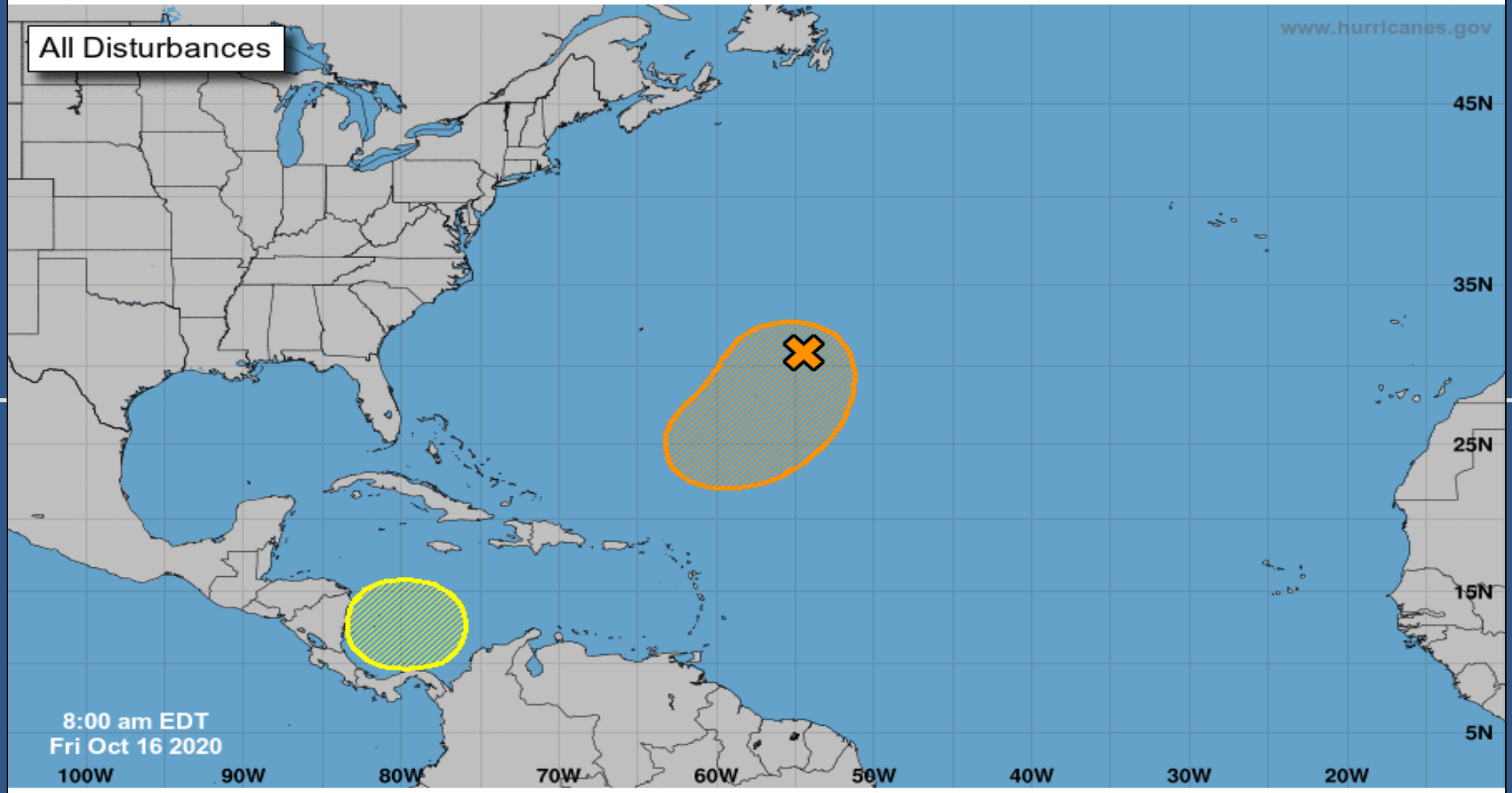
- Minor to major flooding is occurring along the Calcasieu River in LA.
- Moderate flooding is occurring on the Mermentau River.
- Minor flood is occurring on Boeuf River near Fort Necessity and Little River near Rochelle. Moderate to Major flooding is occurring on Bayou Cocodrie

Meteorology

Tropics

Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



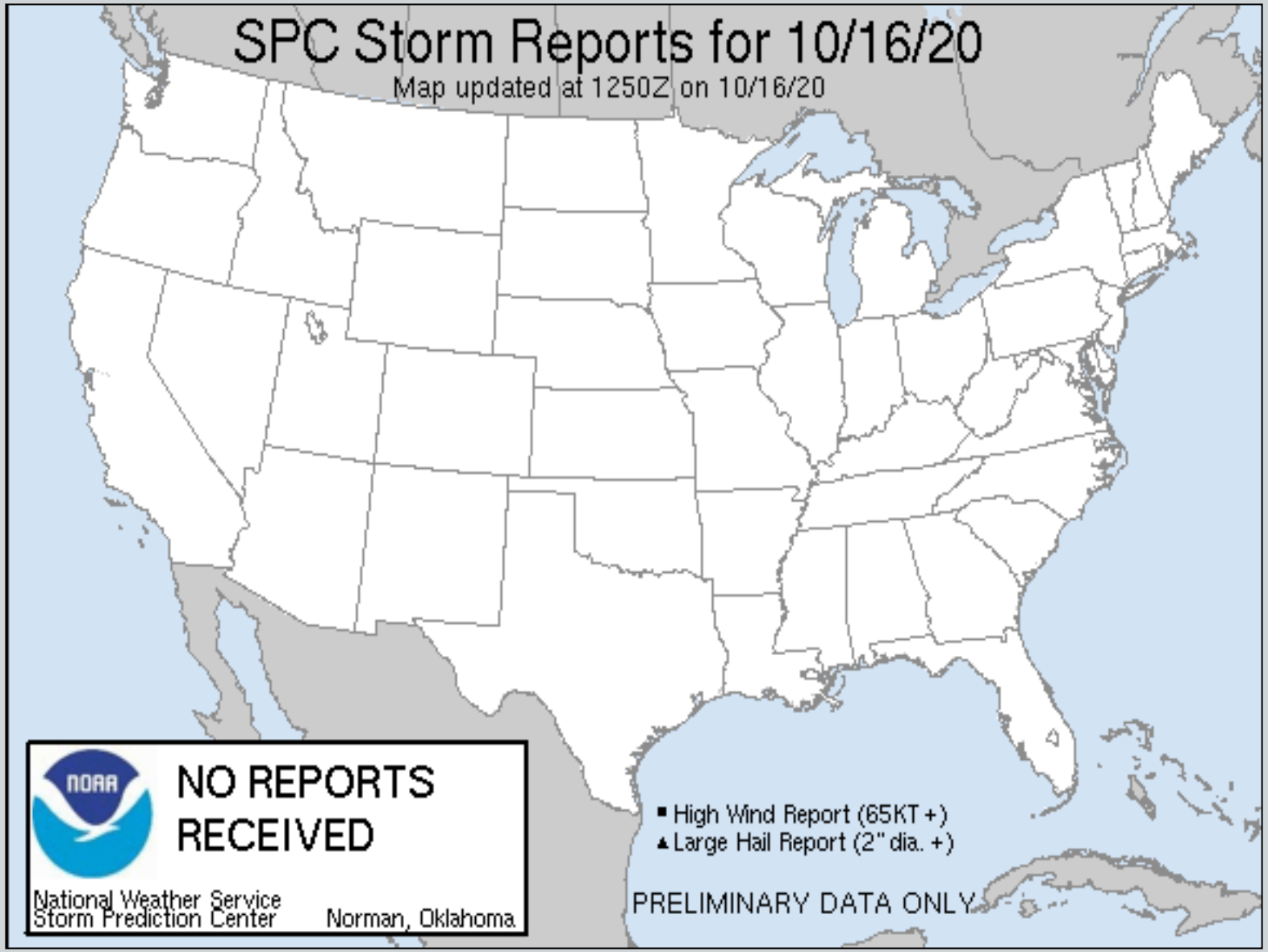
Current Disturbances and Five-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone or Remnants

Weather over the next 3 days

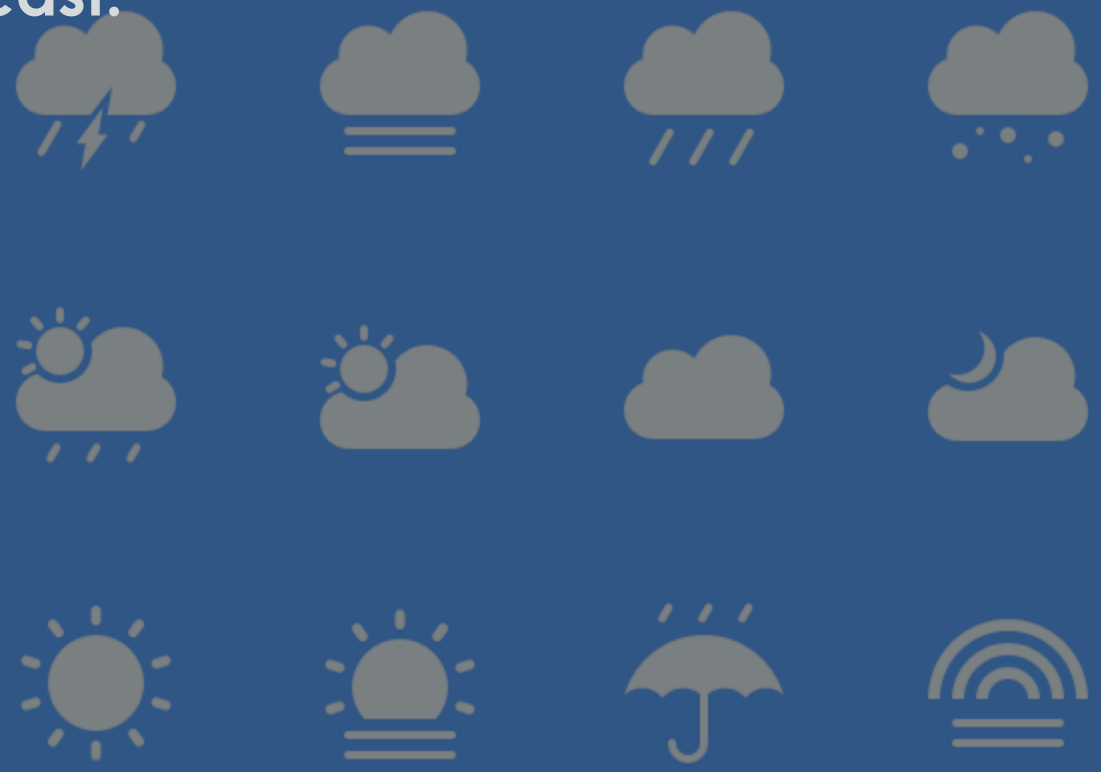
Yesterday's Severe Weather Reports



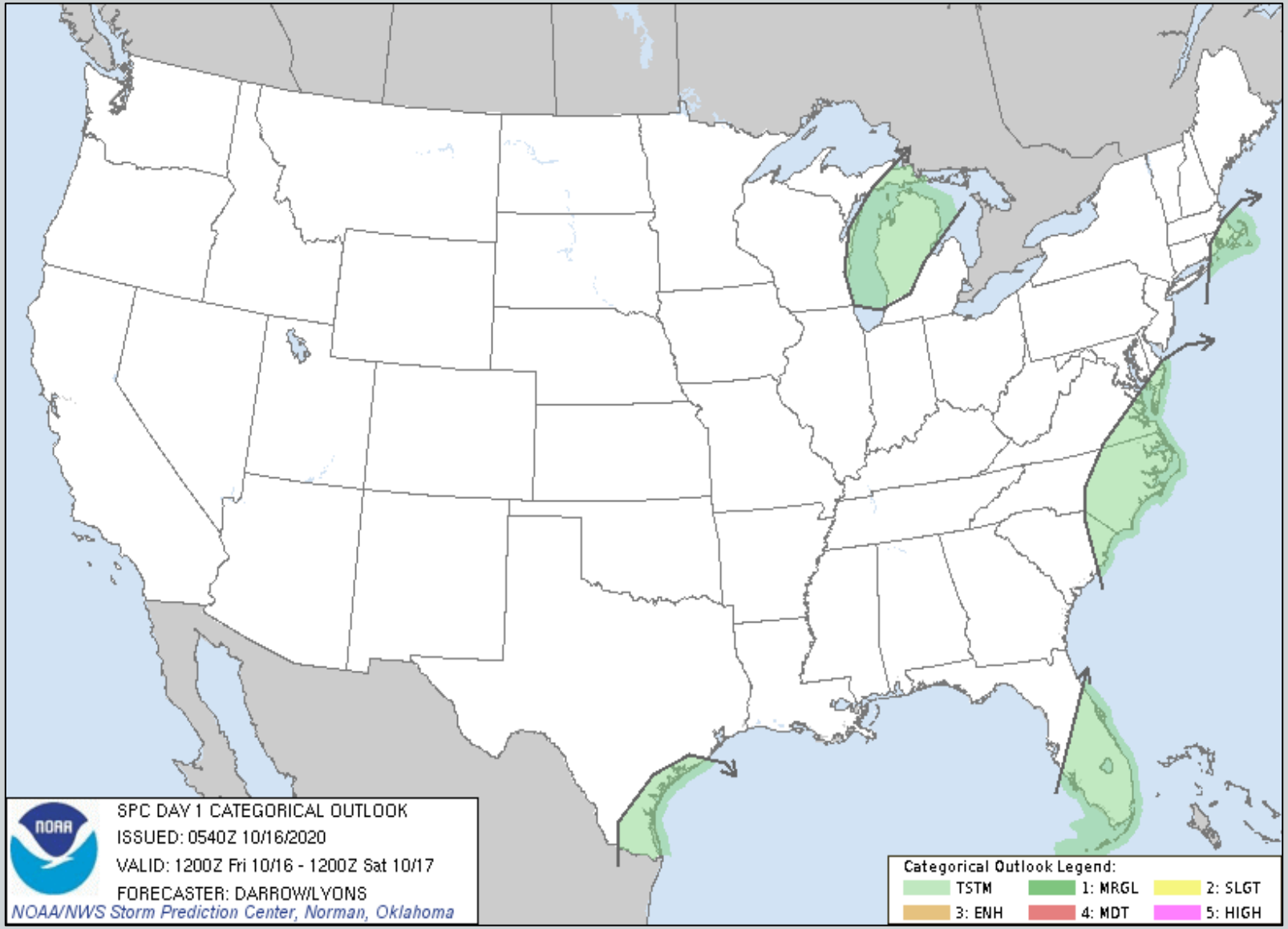
Today – There are no severe storms forecast.

Tomorrow – There are no severe storms forecast.

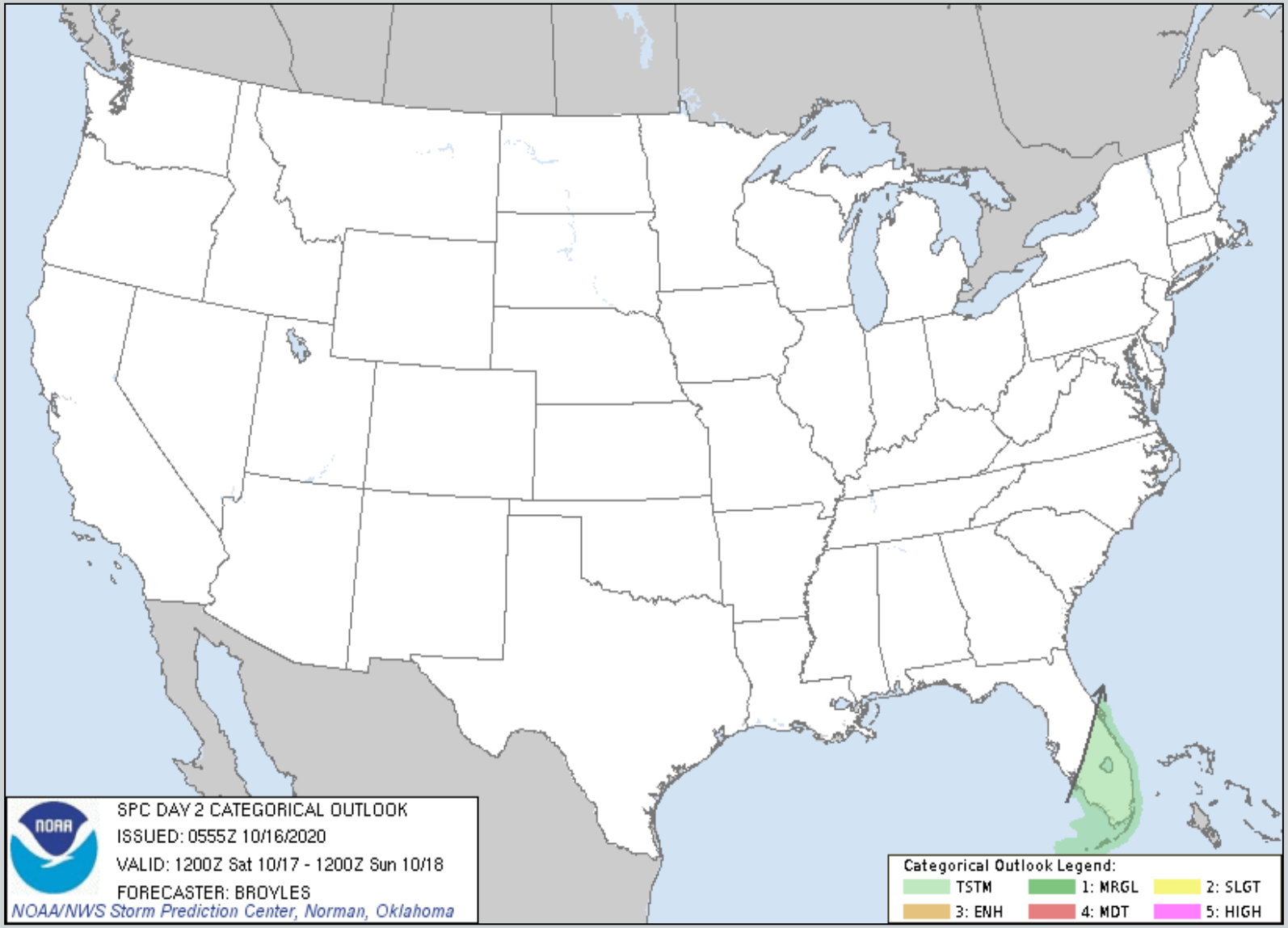
Day 3 – There are no severe storms forecast.



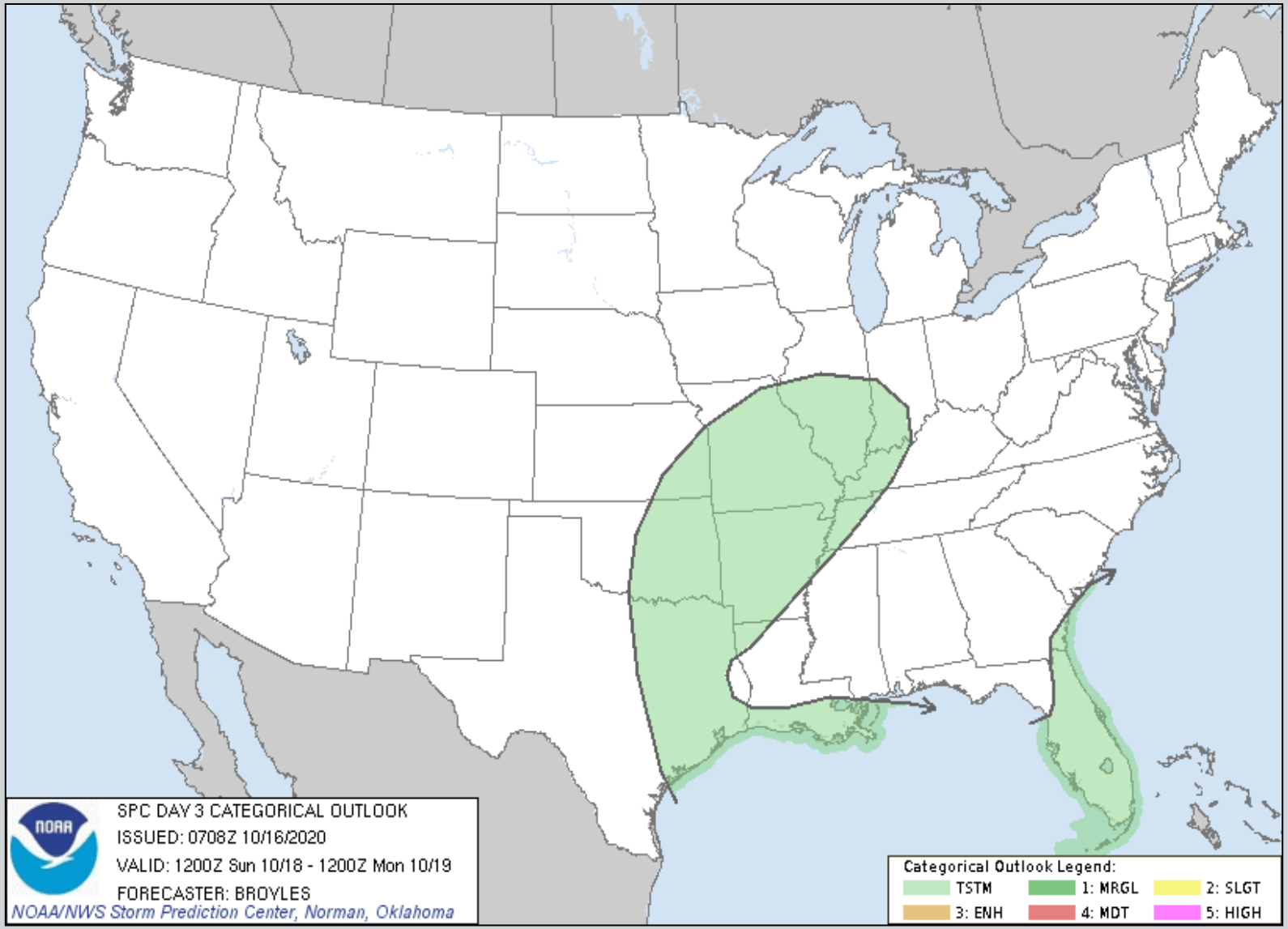
Today's Severe Weather Outlook



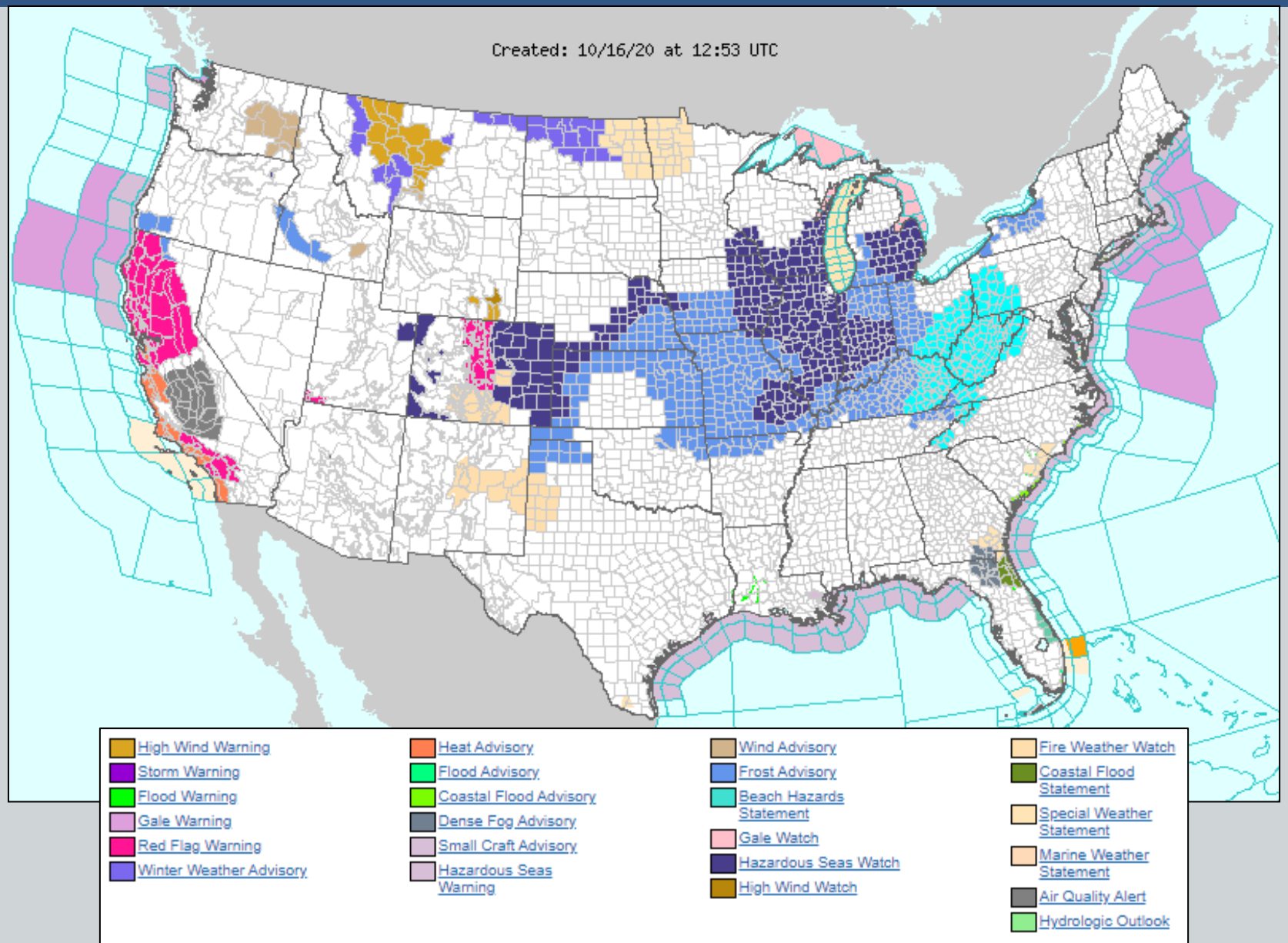
Tomorrow's Severe Weather Outlook



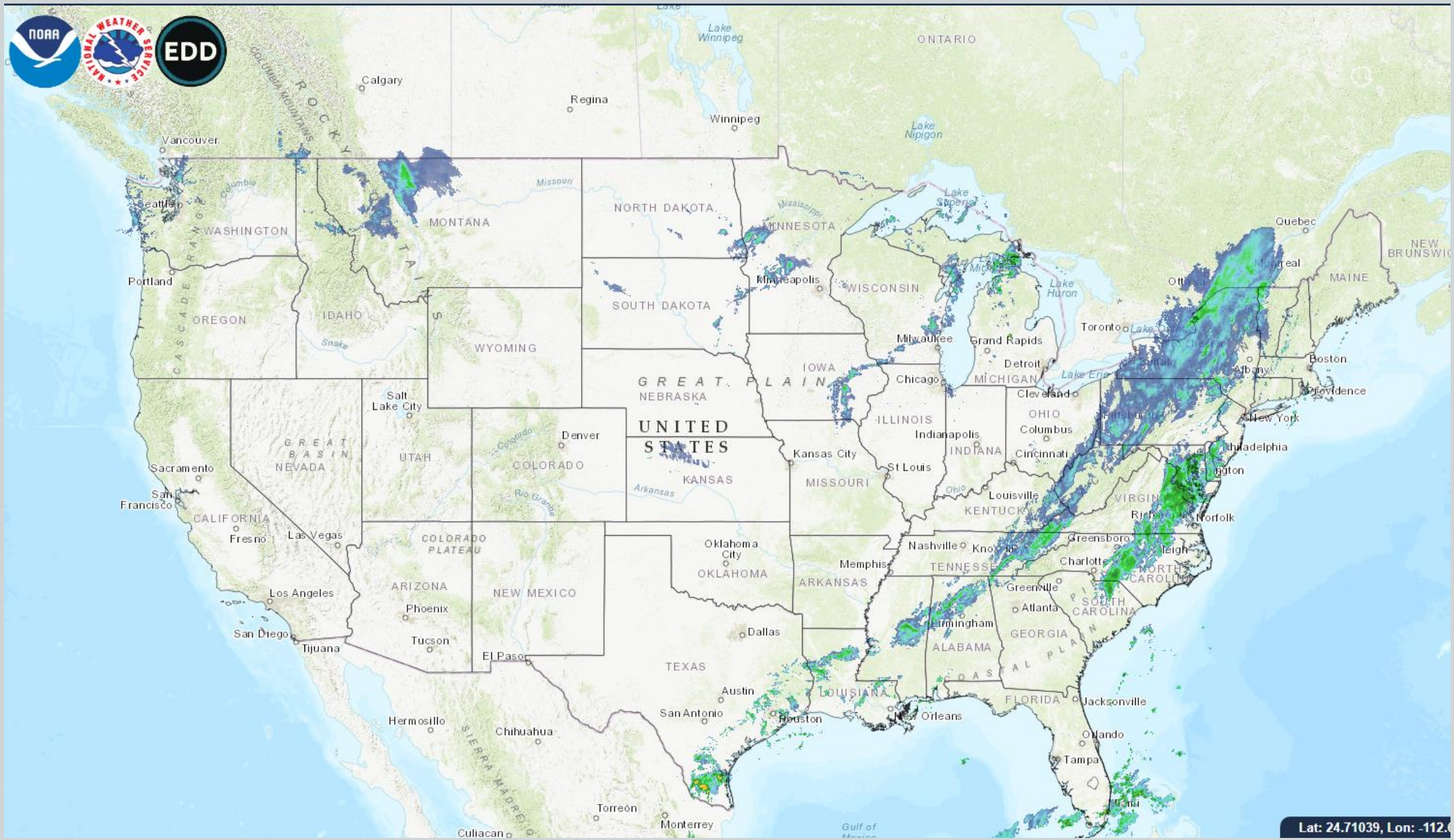
Day 3 Severe Weather Outlook



Current Nationwide Watches & Warnings



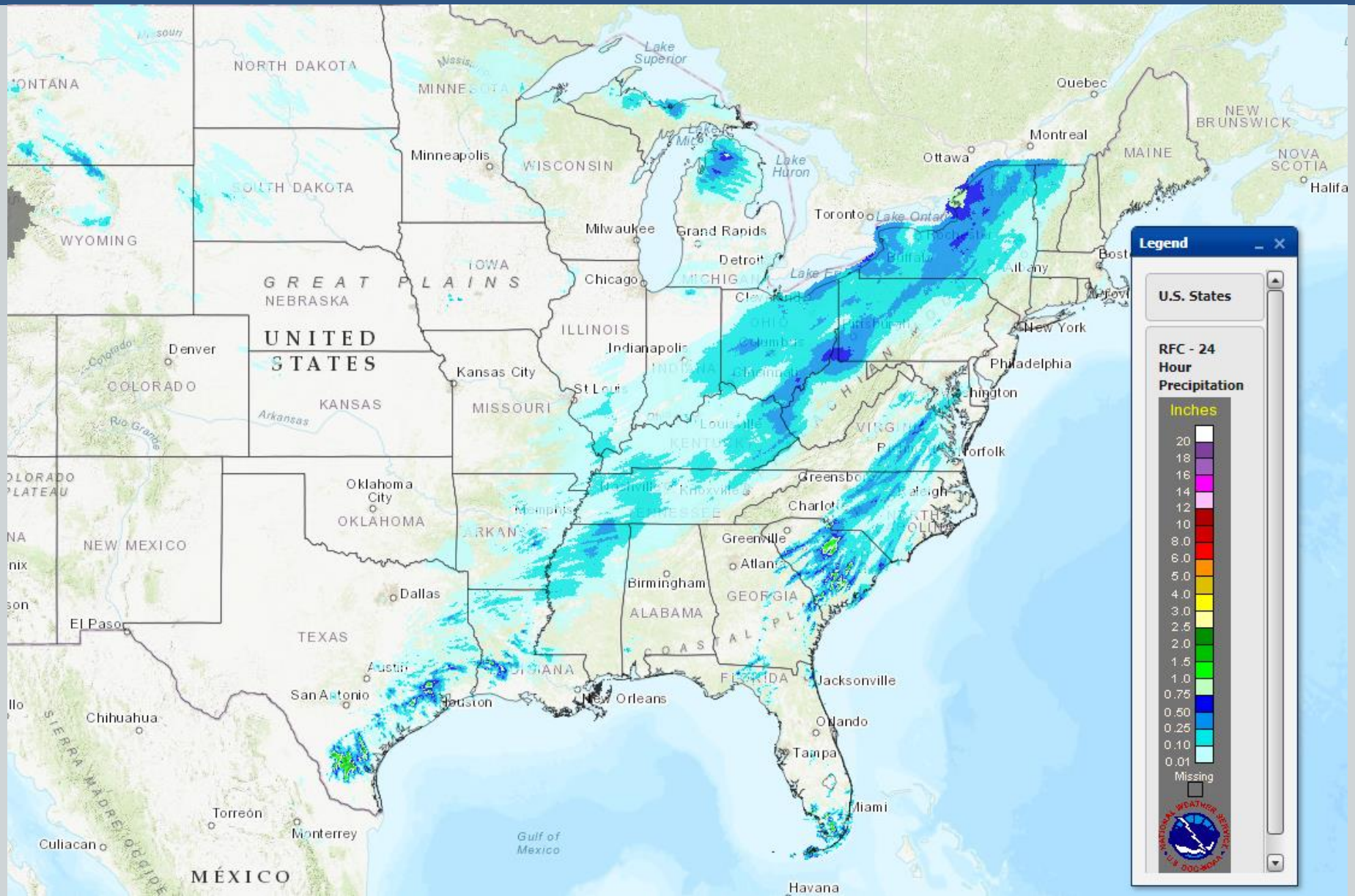
7am National Radar Summary



Past 24 hr Precipitation

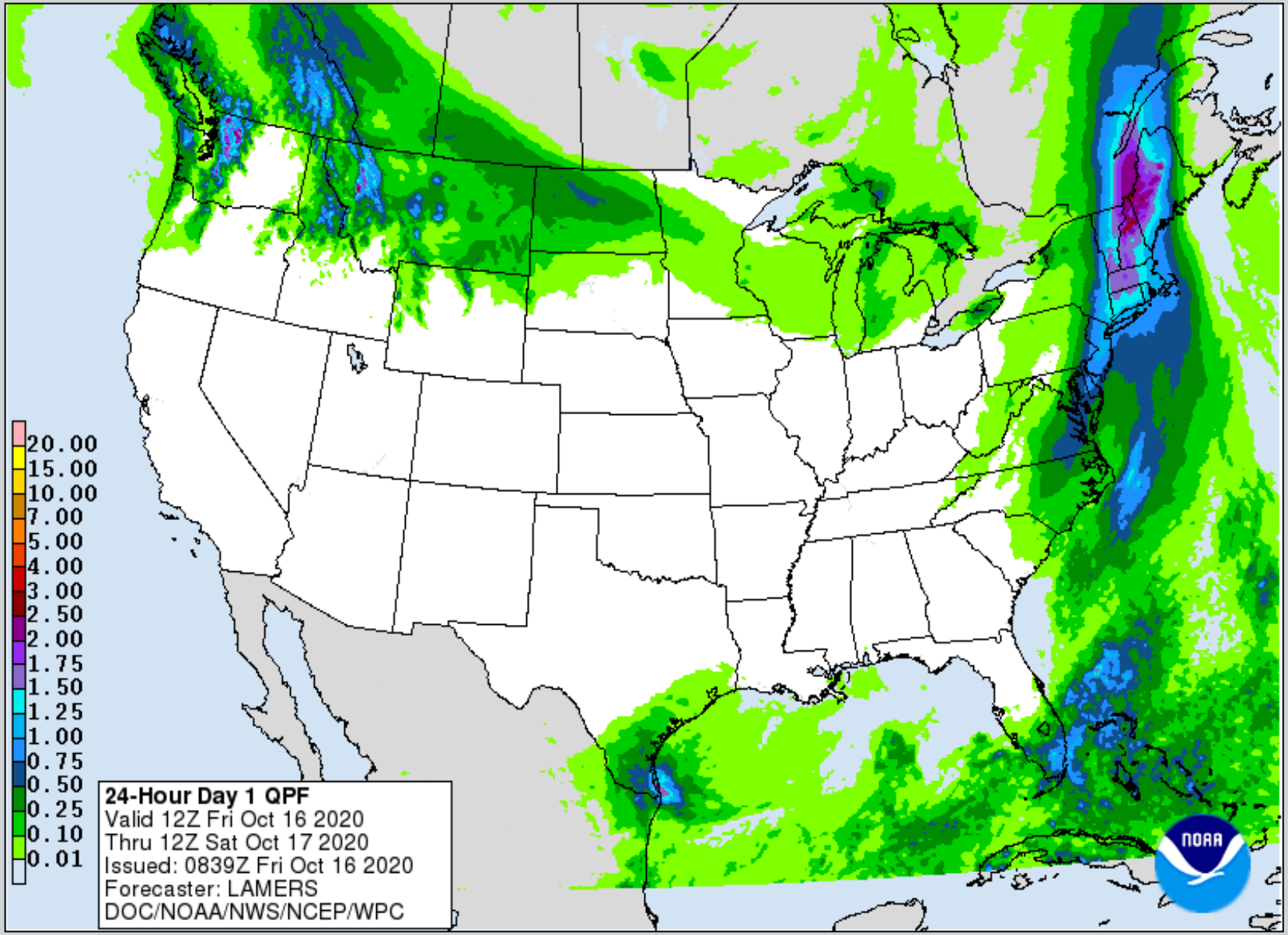
Yesterday at 7 am → Today at 7 am

24-hour Rainfall ending at 7am

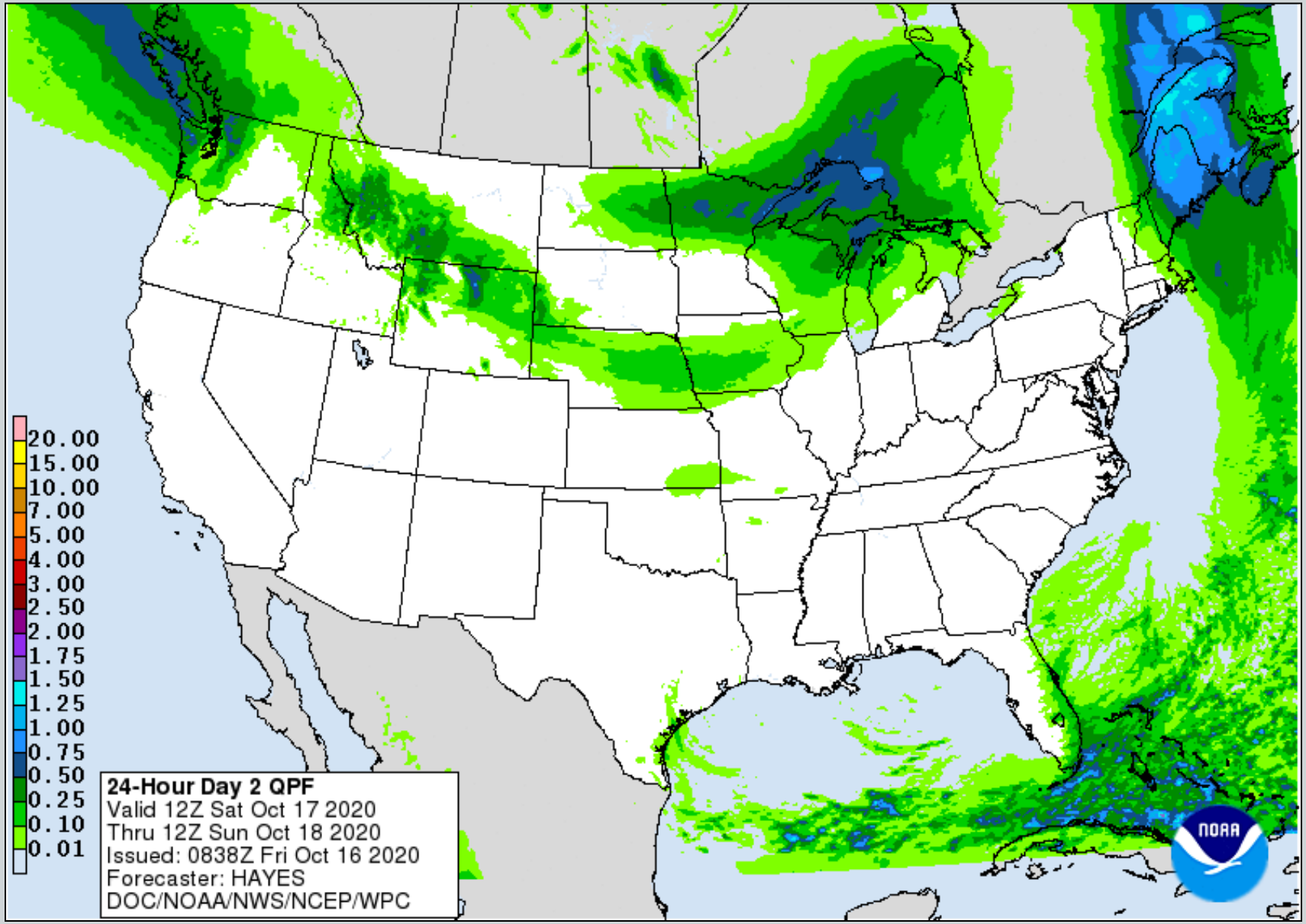


Forecast Precipitation

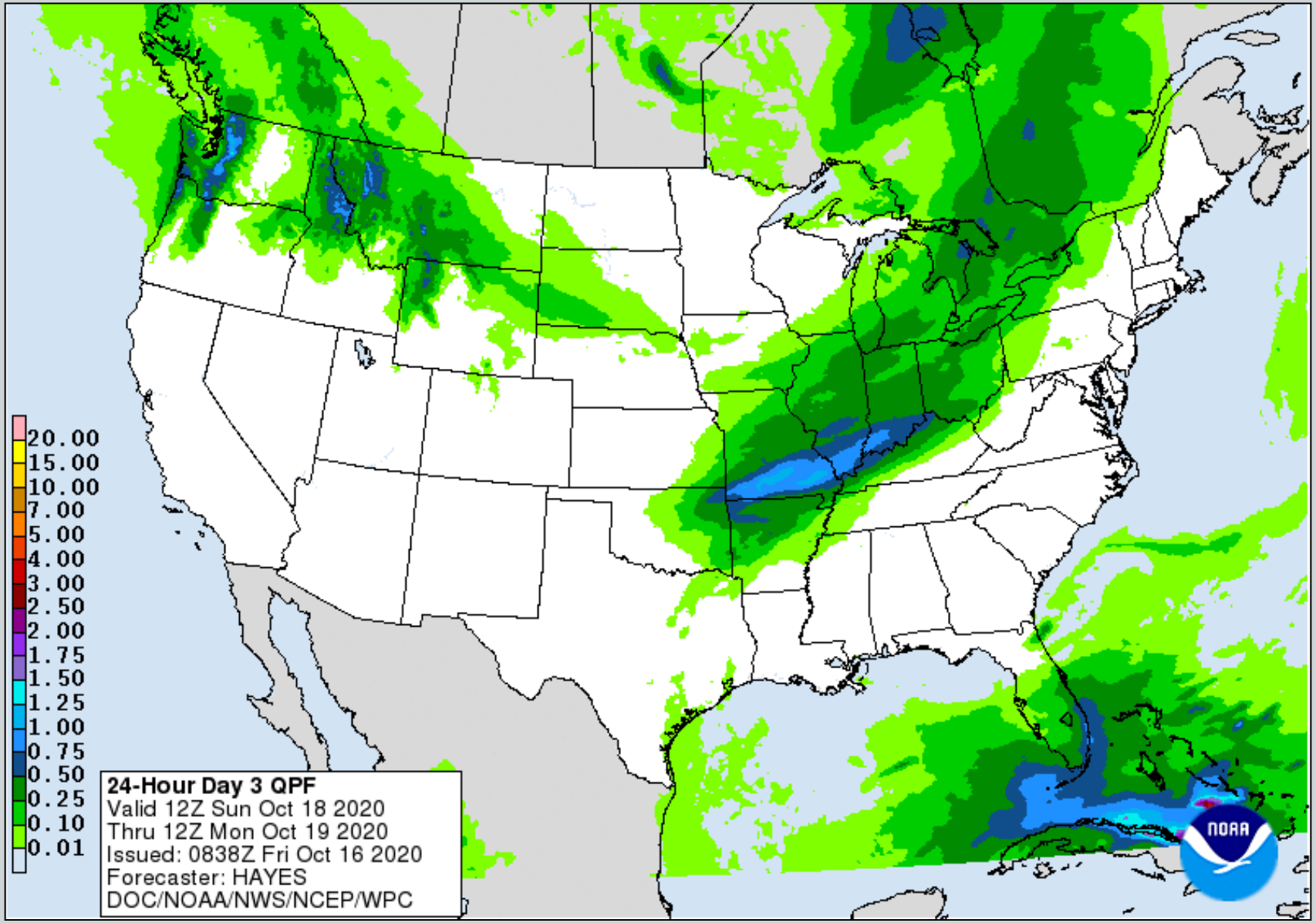
Day 1 Precip Forecast



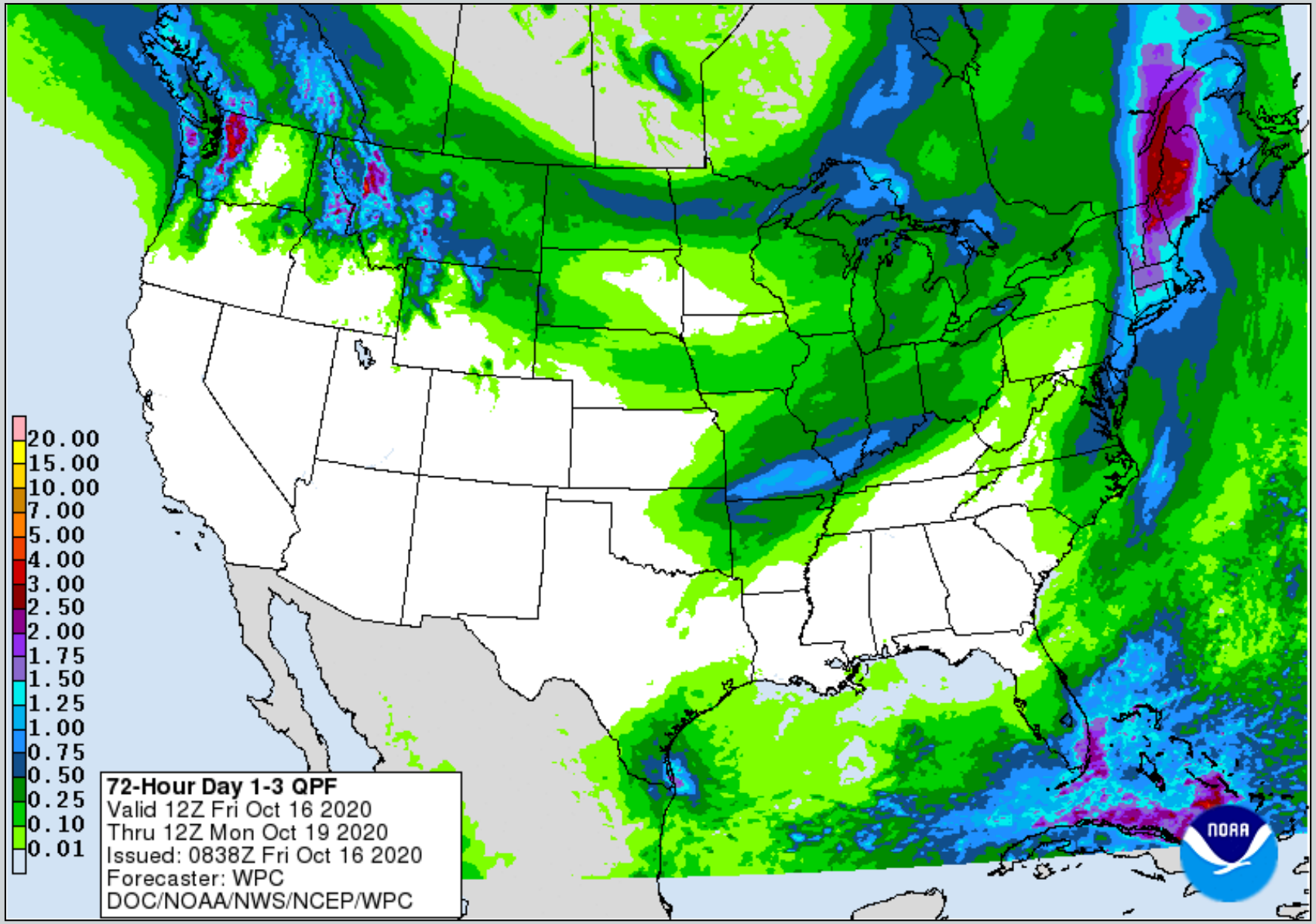
Day 2 Precip Forecast



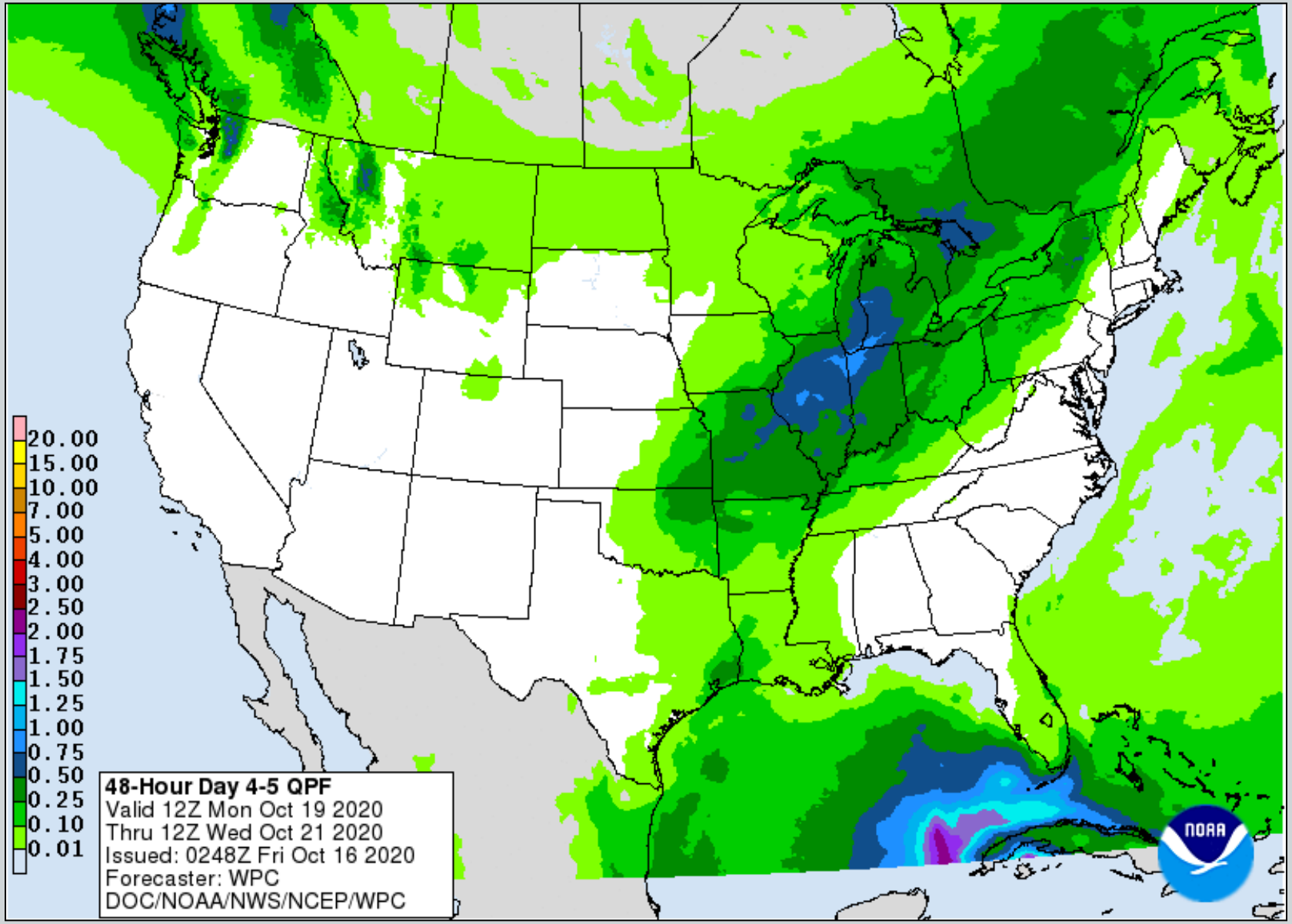
Day 3 Precip Forecast



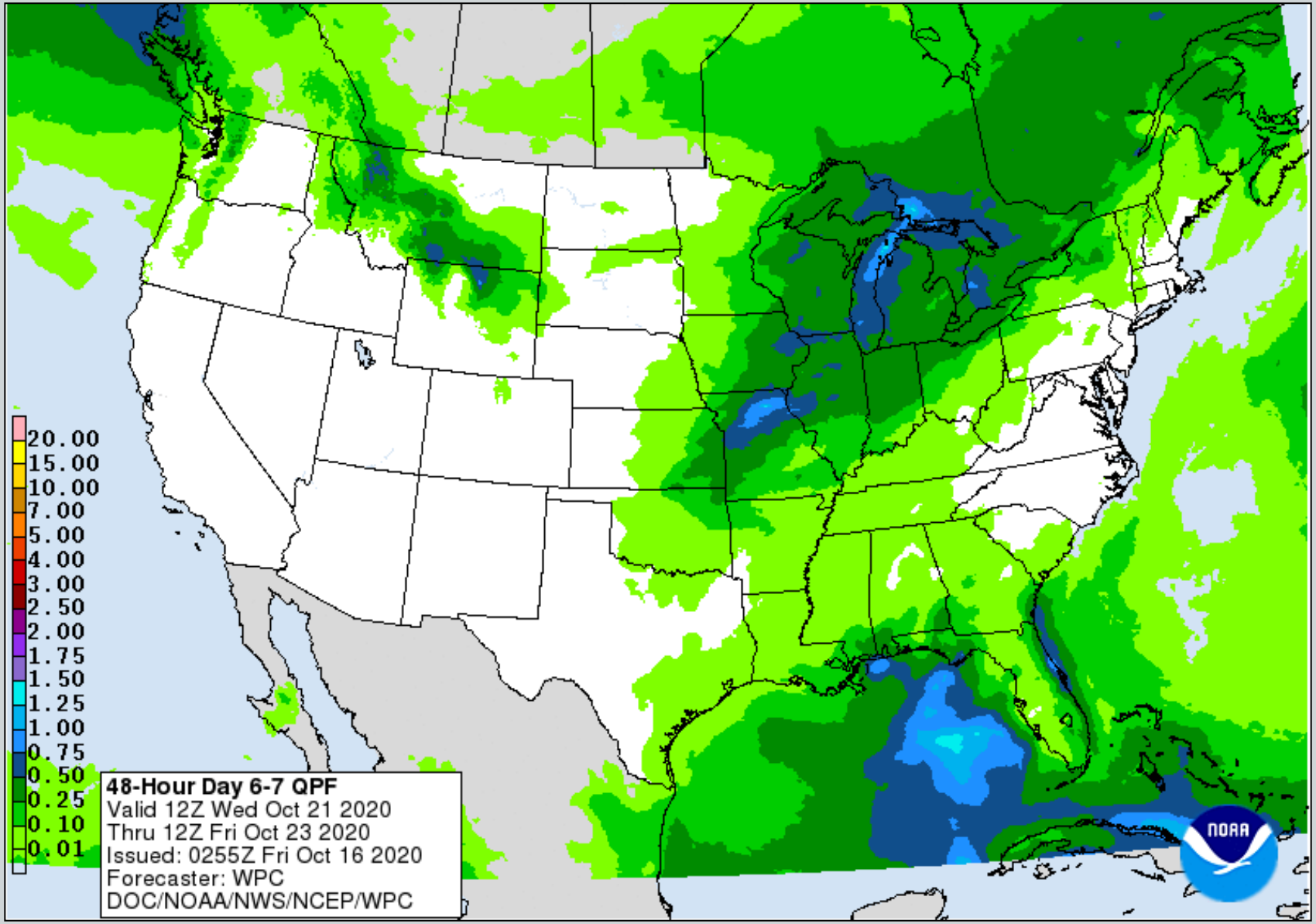
Days 1-3 Precip Forecast



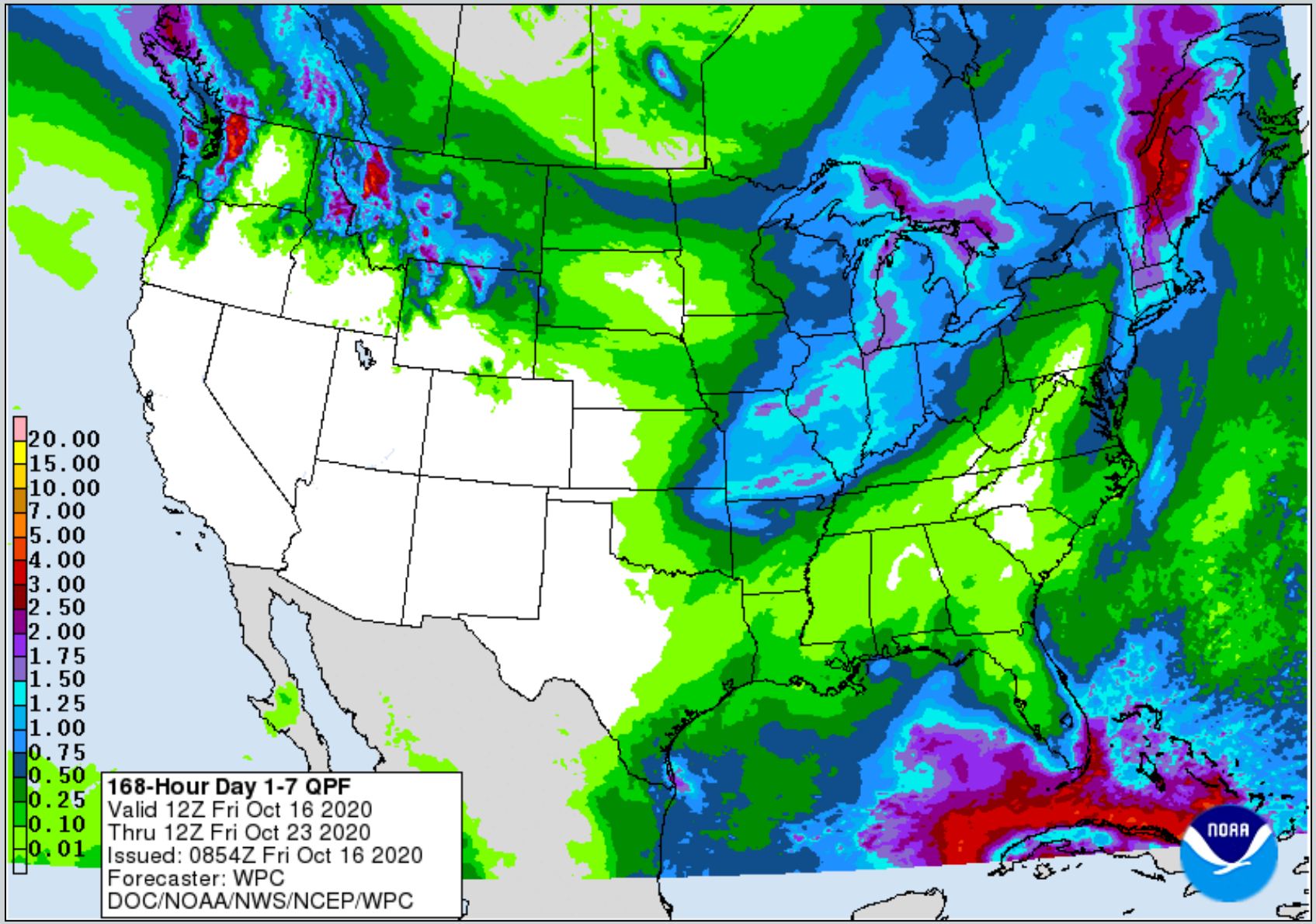
Days 4-5 Precip Forecast



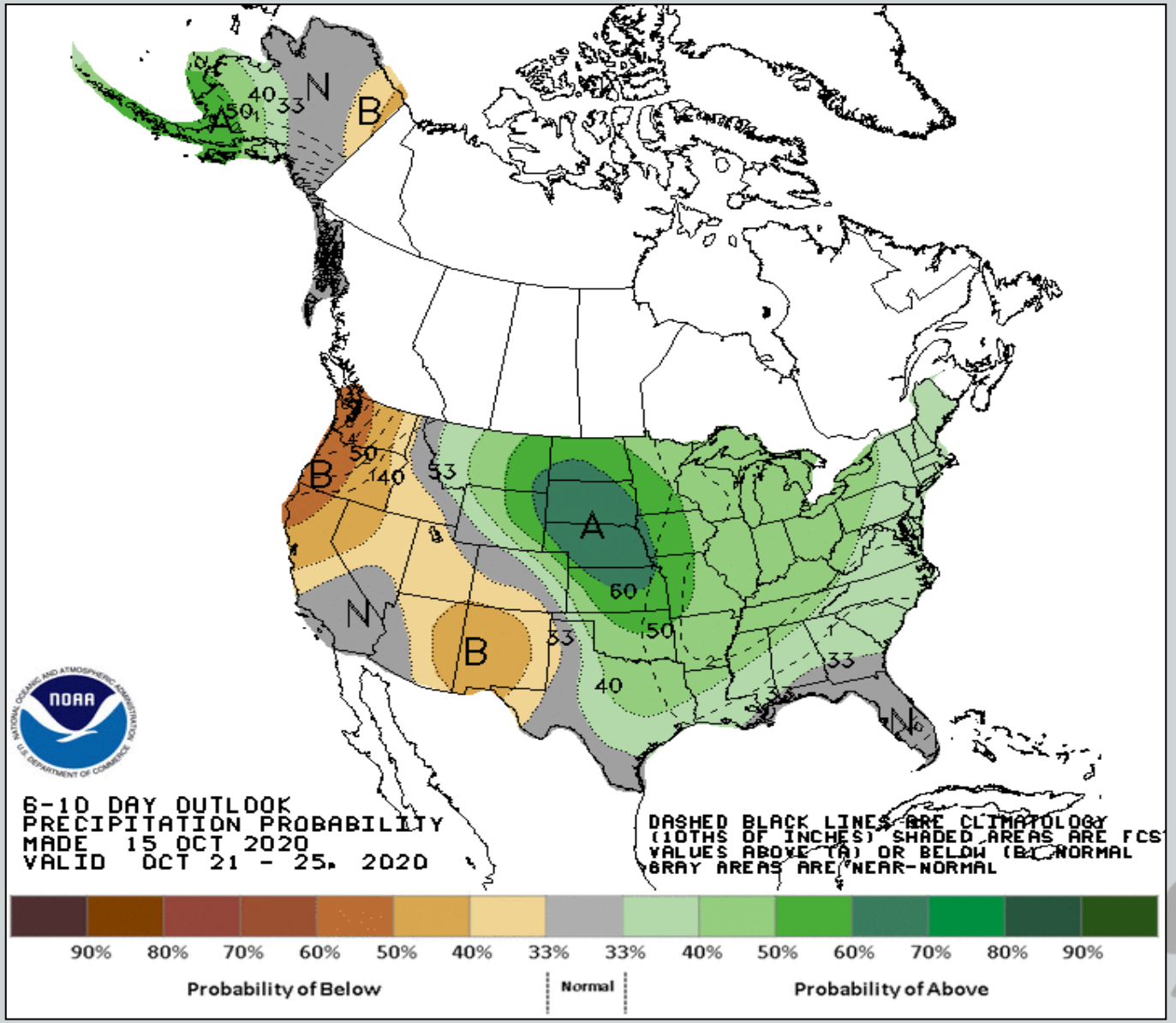
Days 6-7 Precip Forecast



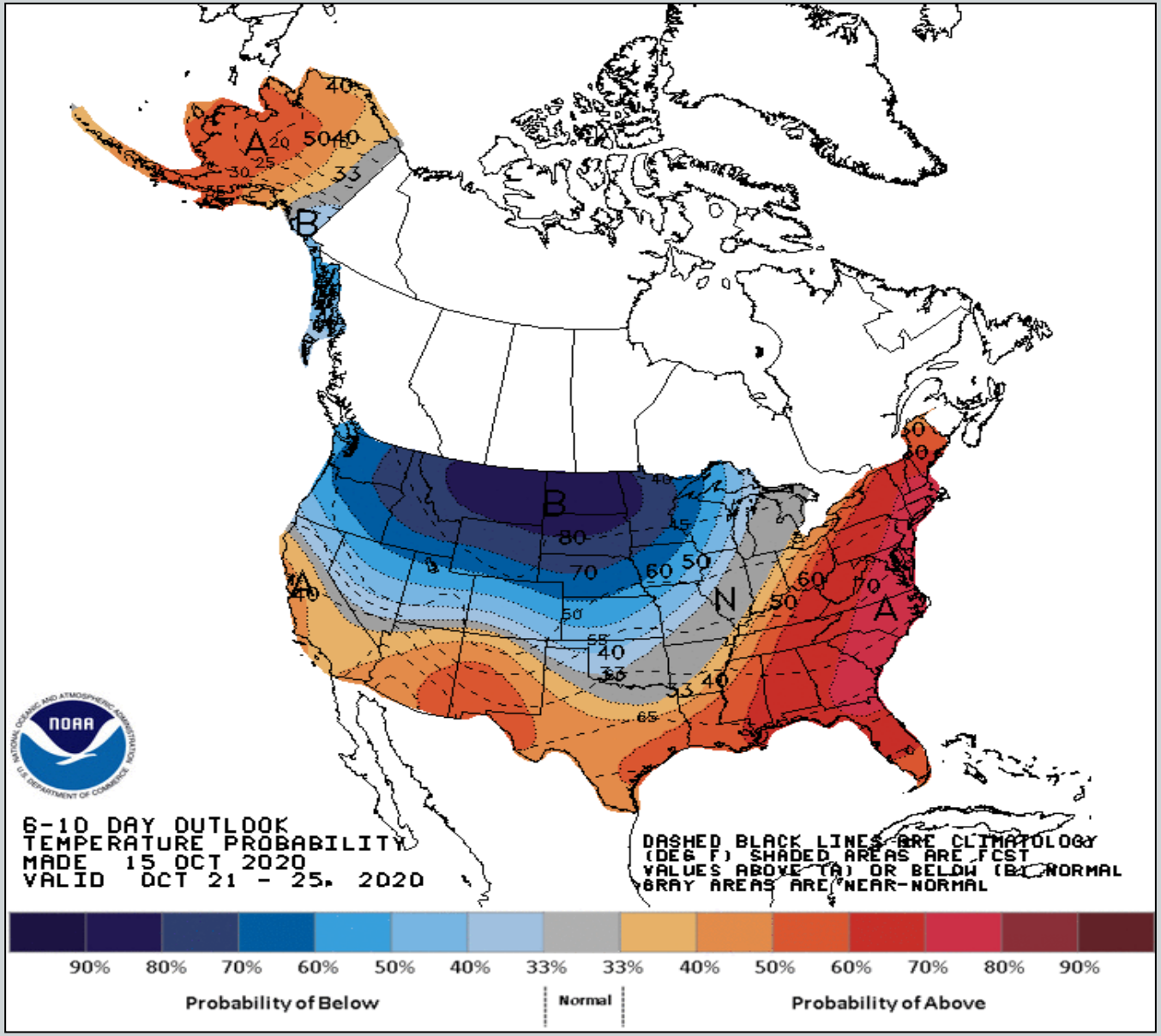
7 Day Precip Forecast



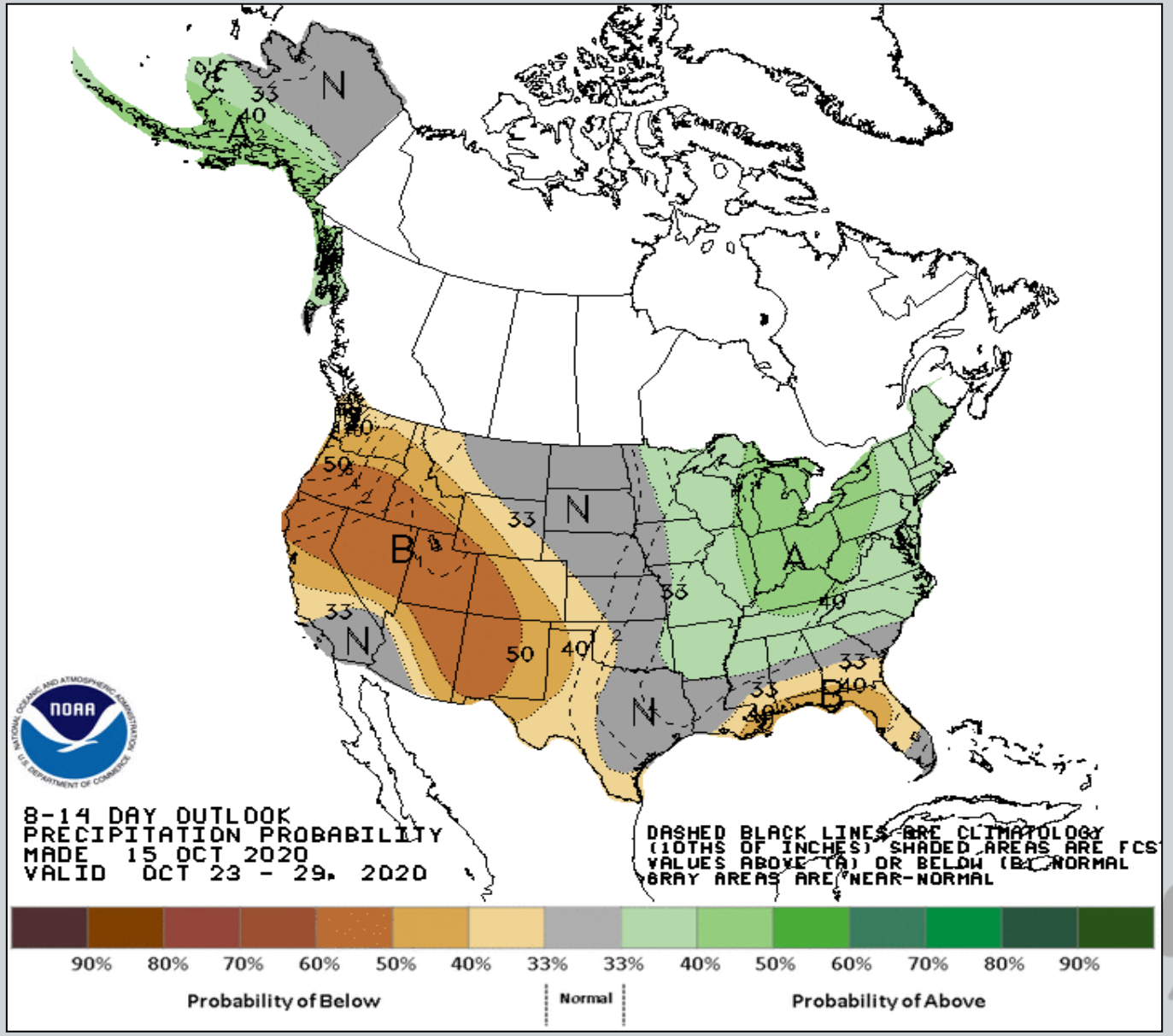
6-10 Day Precip Outlook



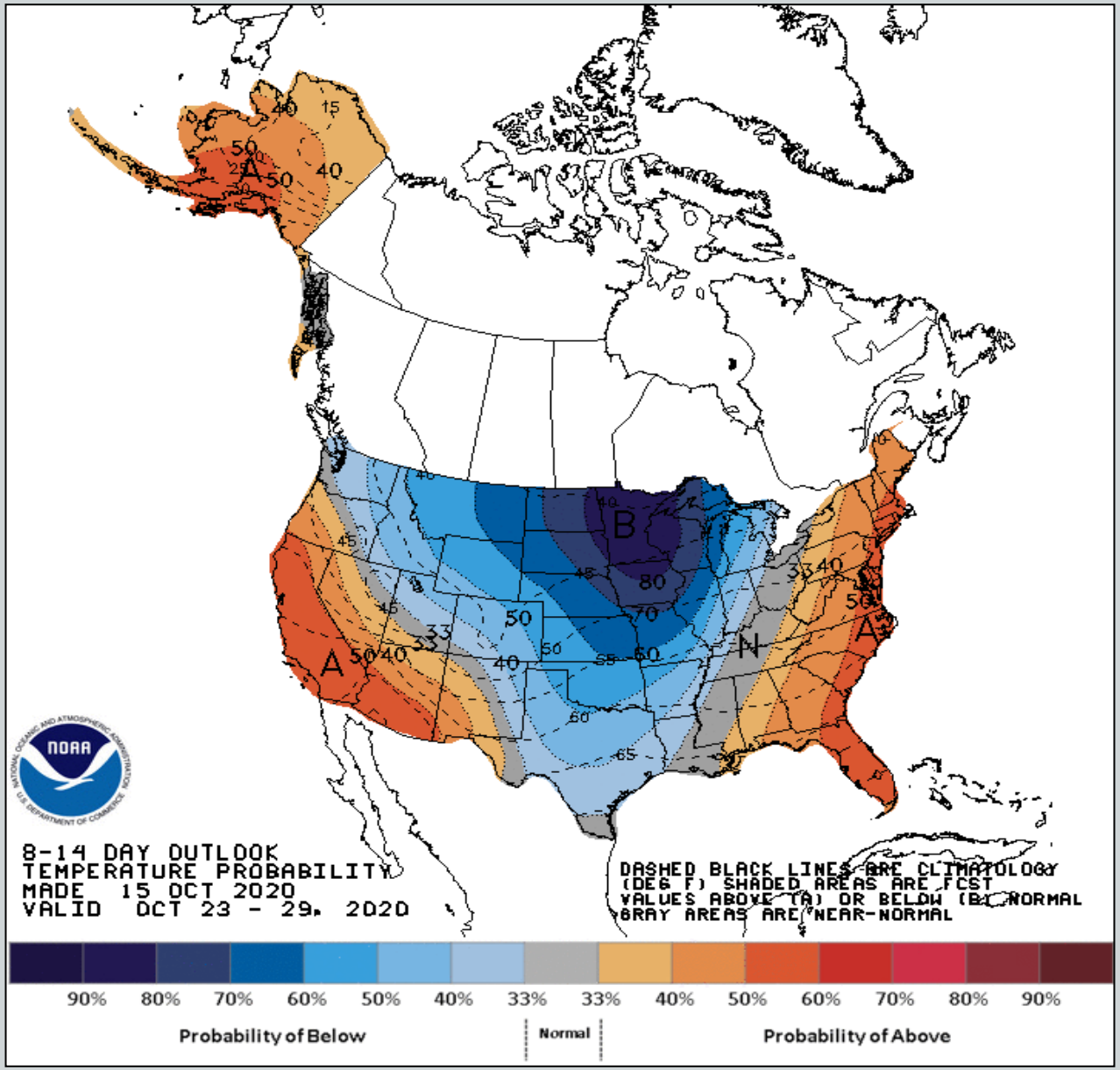
6-10 Day Temp Outlook



8-14 Day Precip Outlook

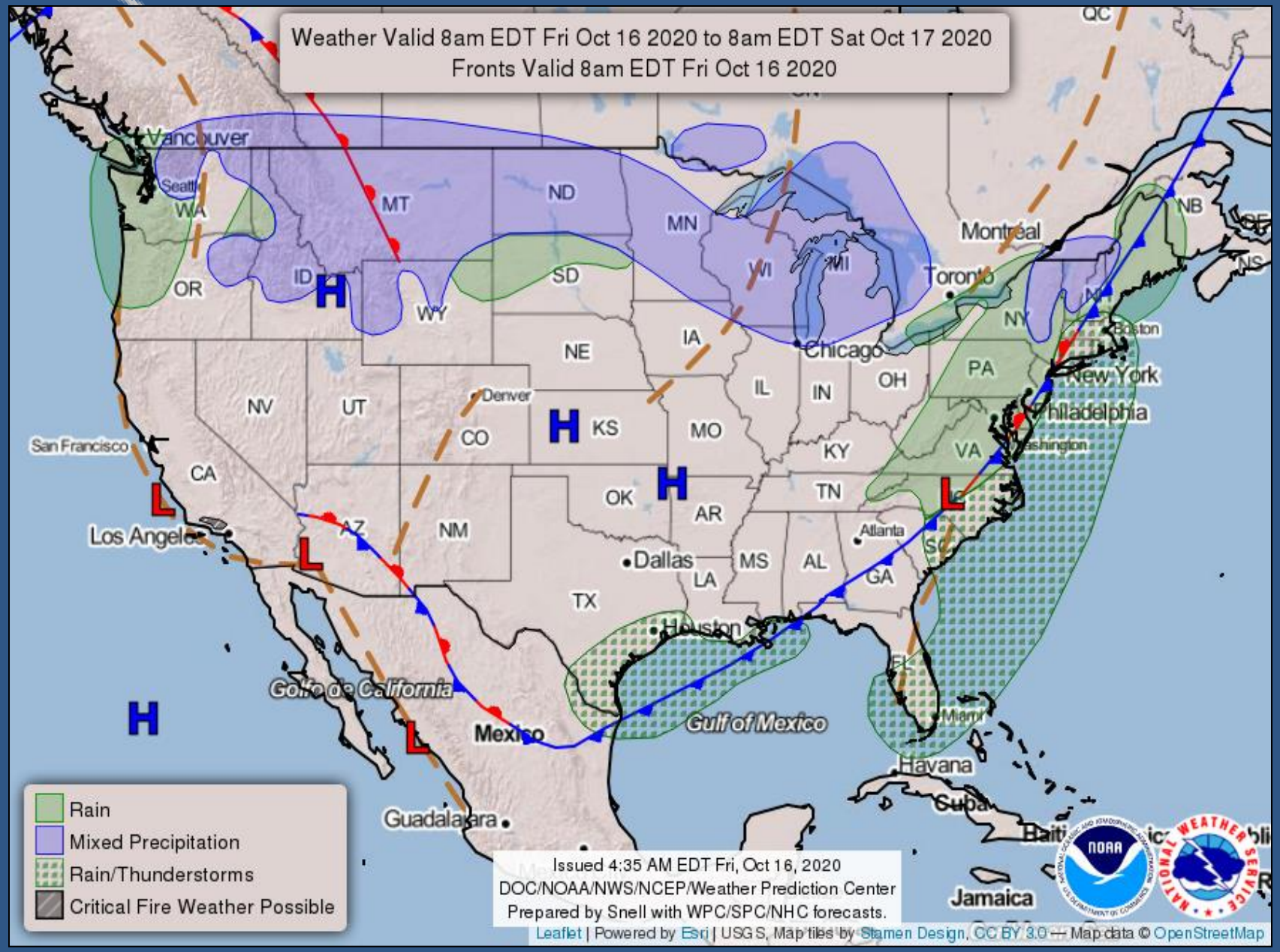


8-14 Day Temp Outlook

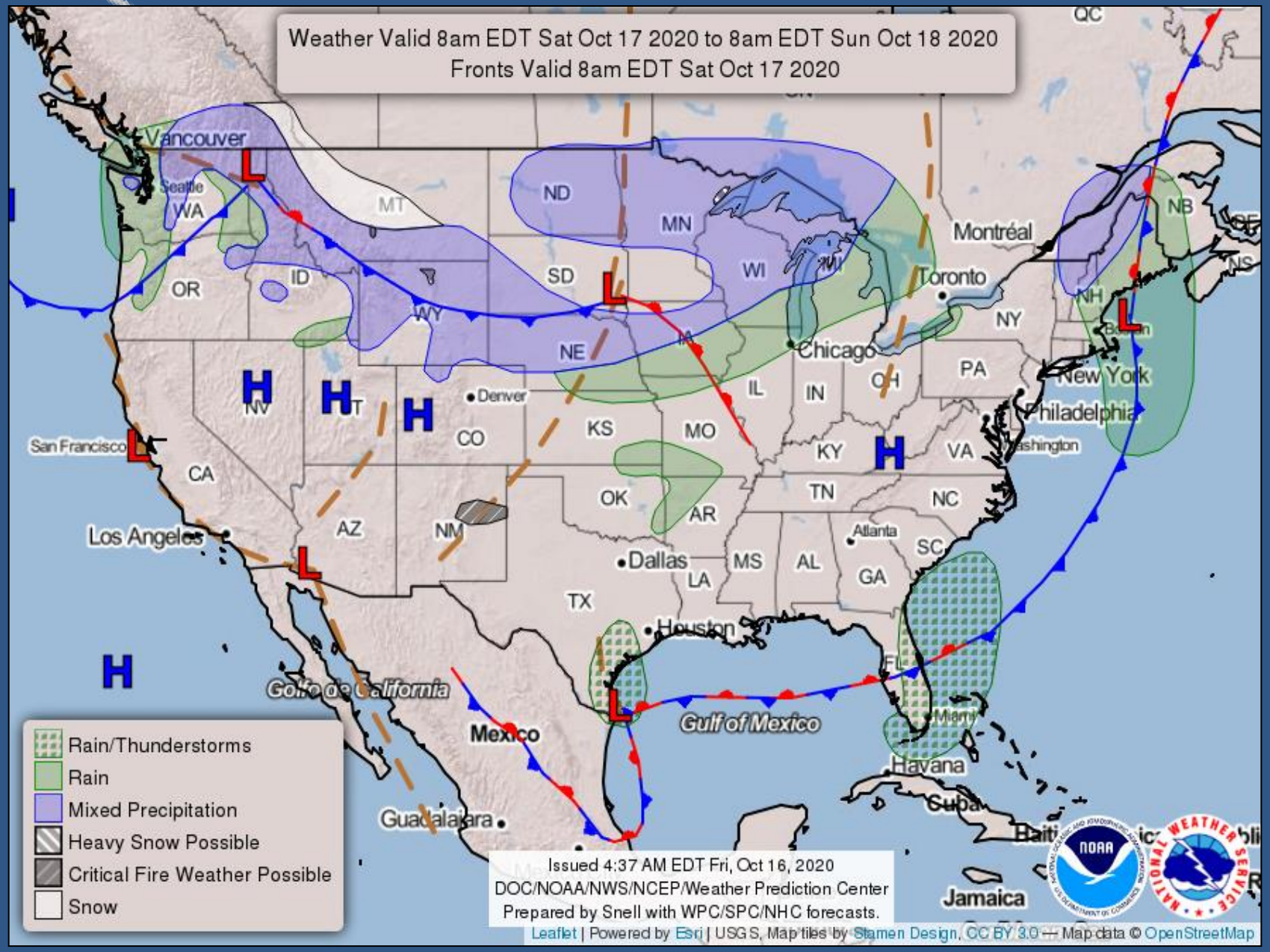


Surface Maps

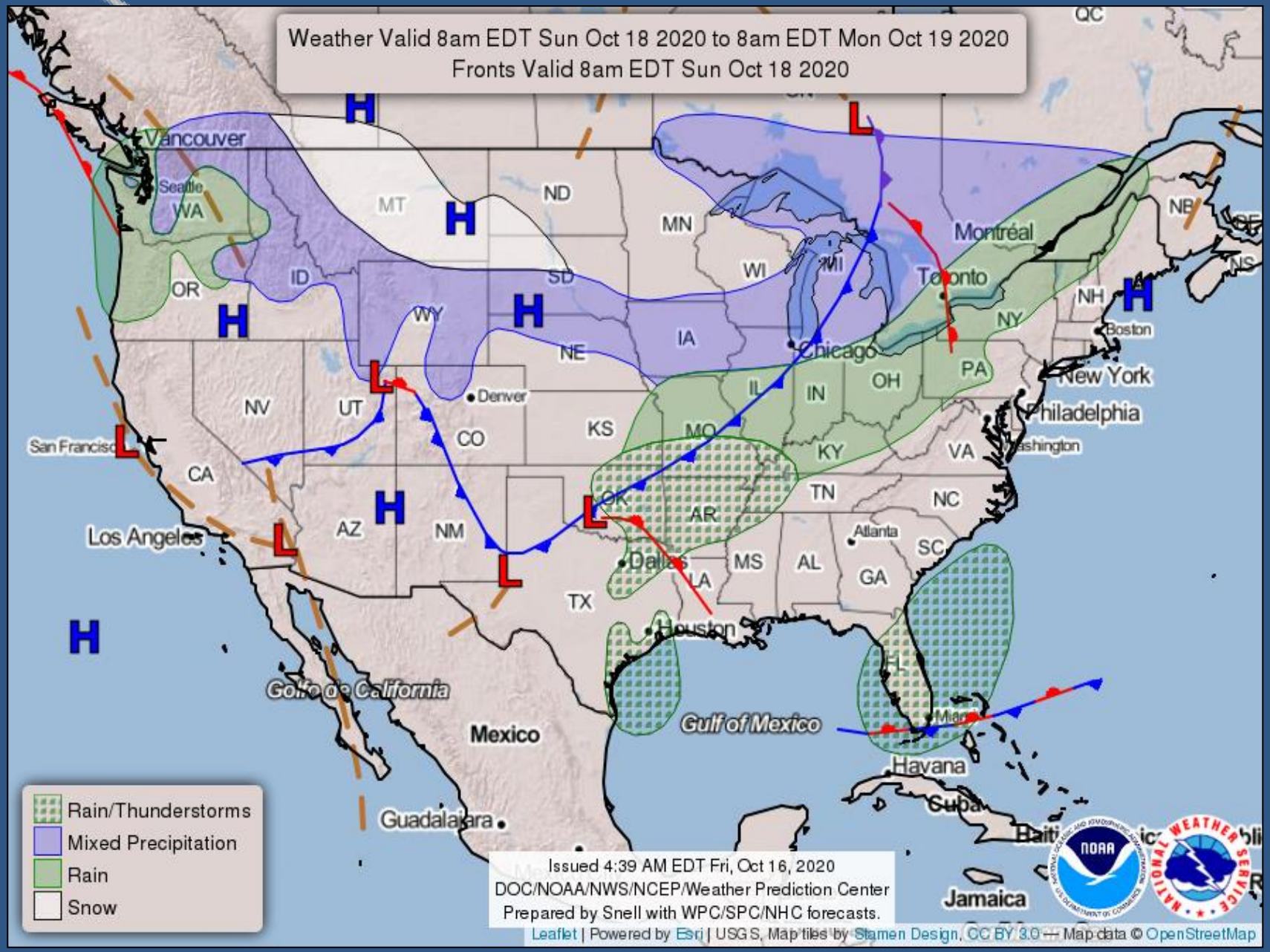
Today's Surface Map



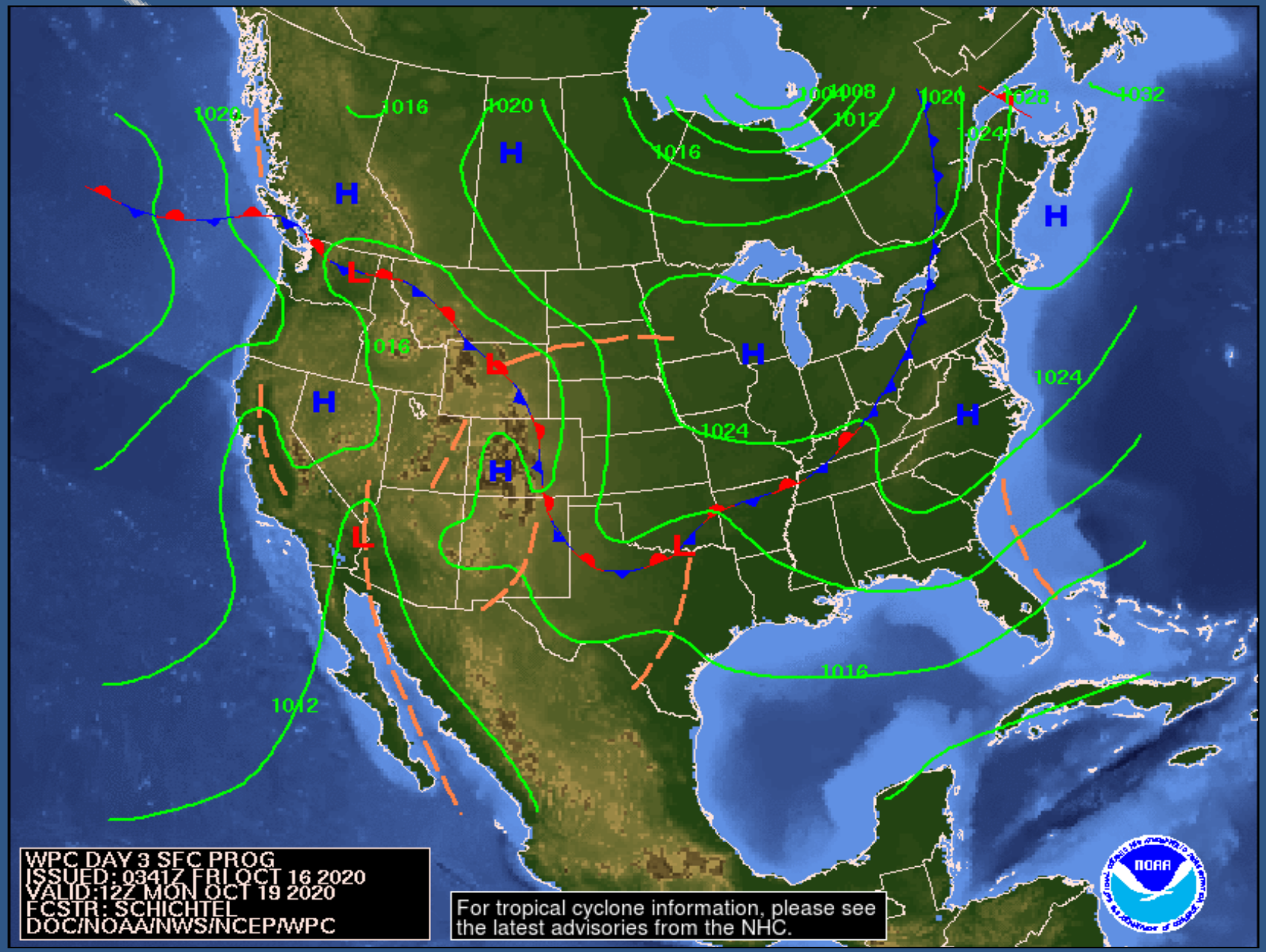
Tomorrow's Forecast



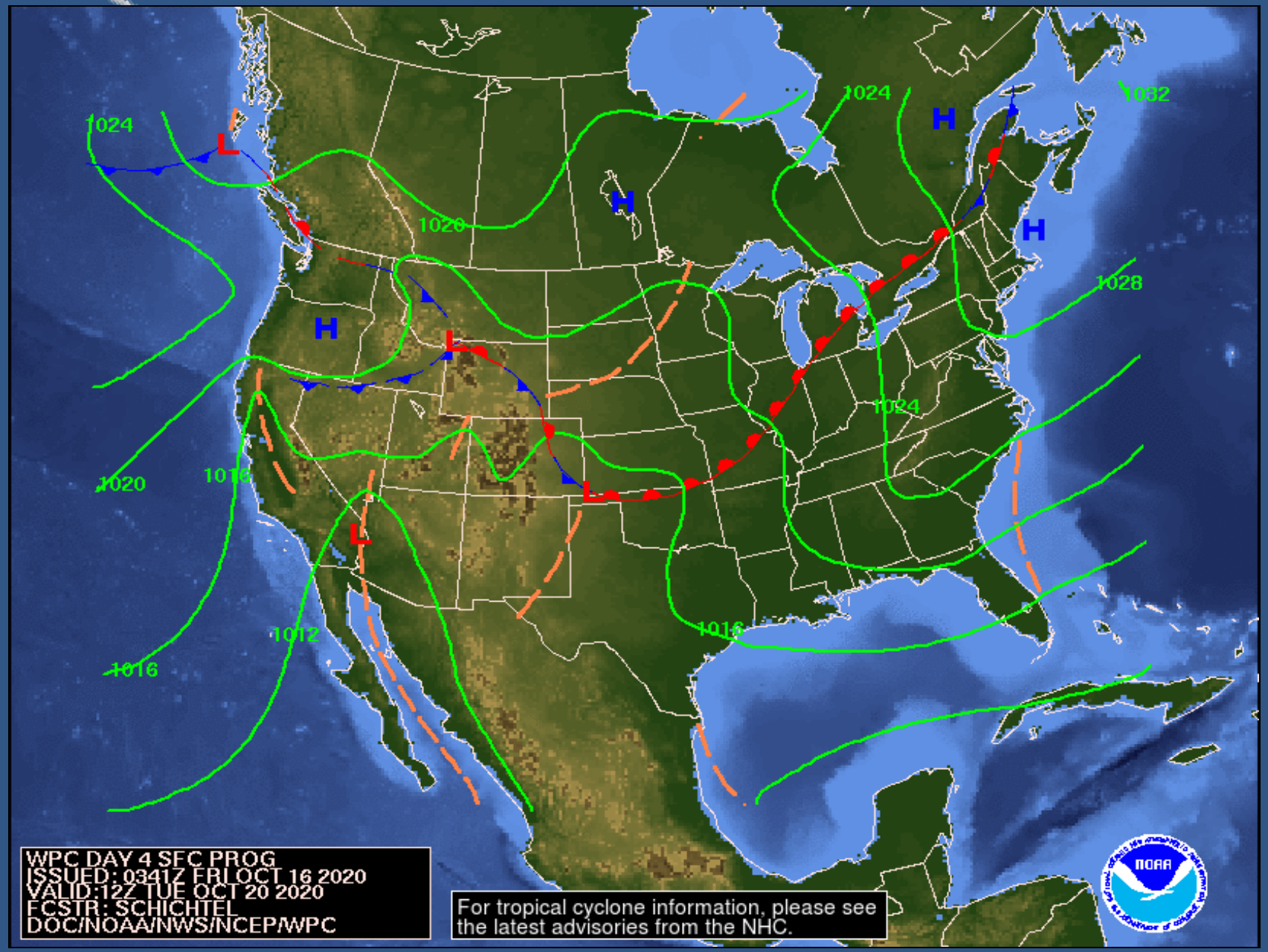
Day 2 Forecast



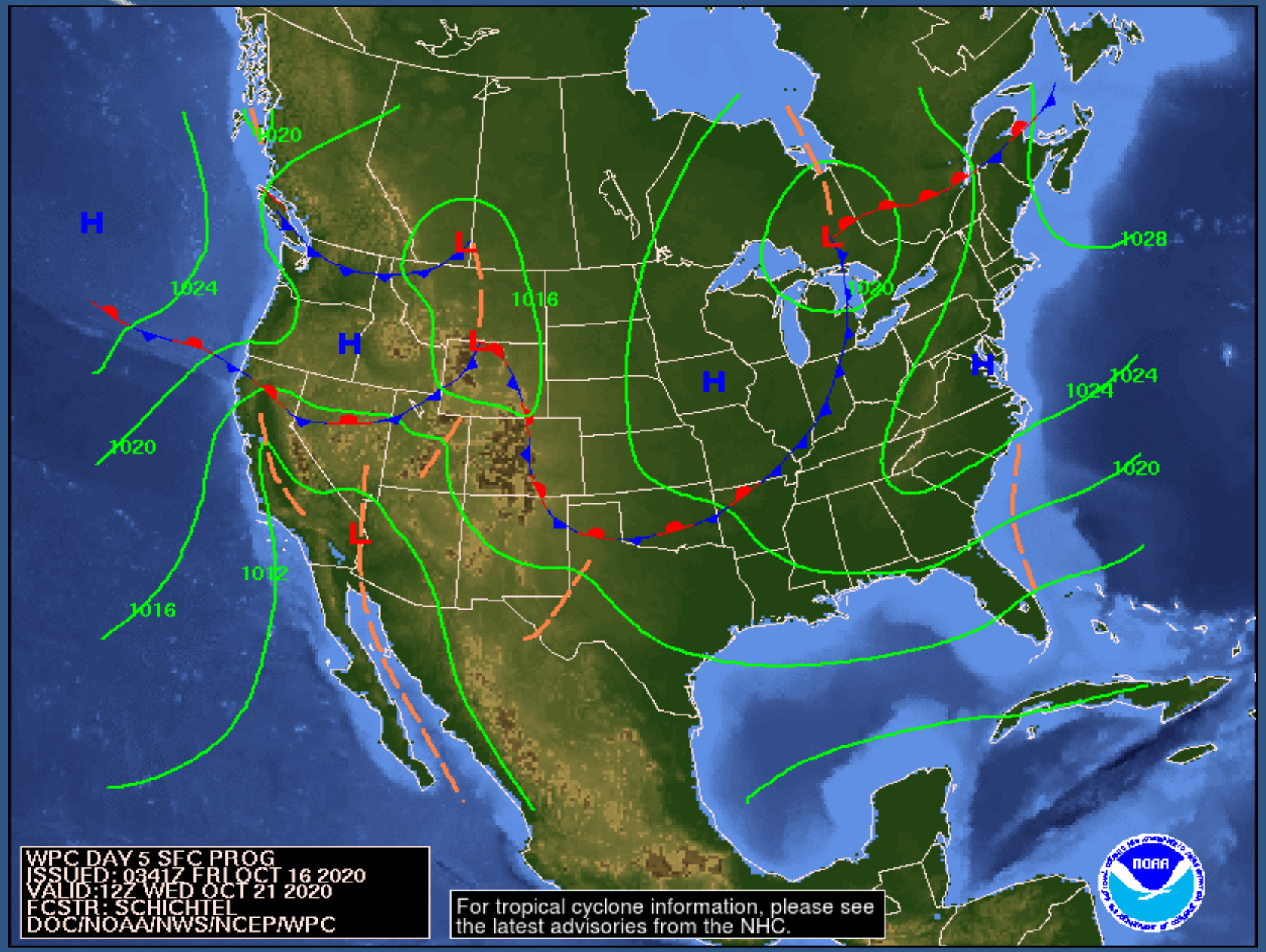
Day 3 Forecast at 7am



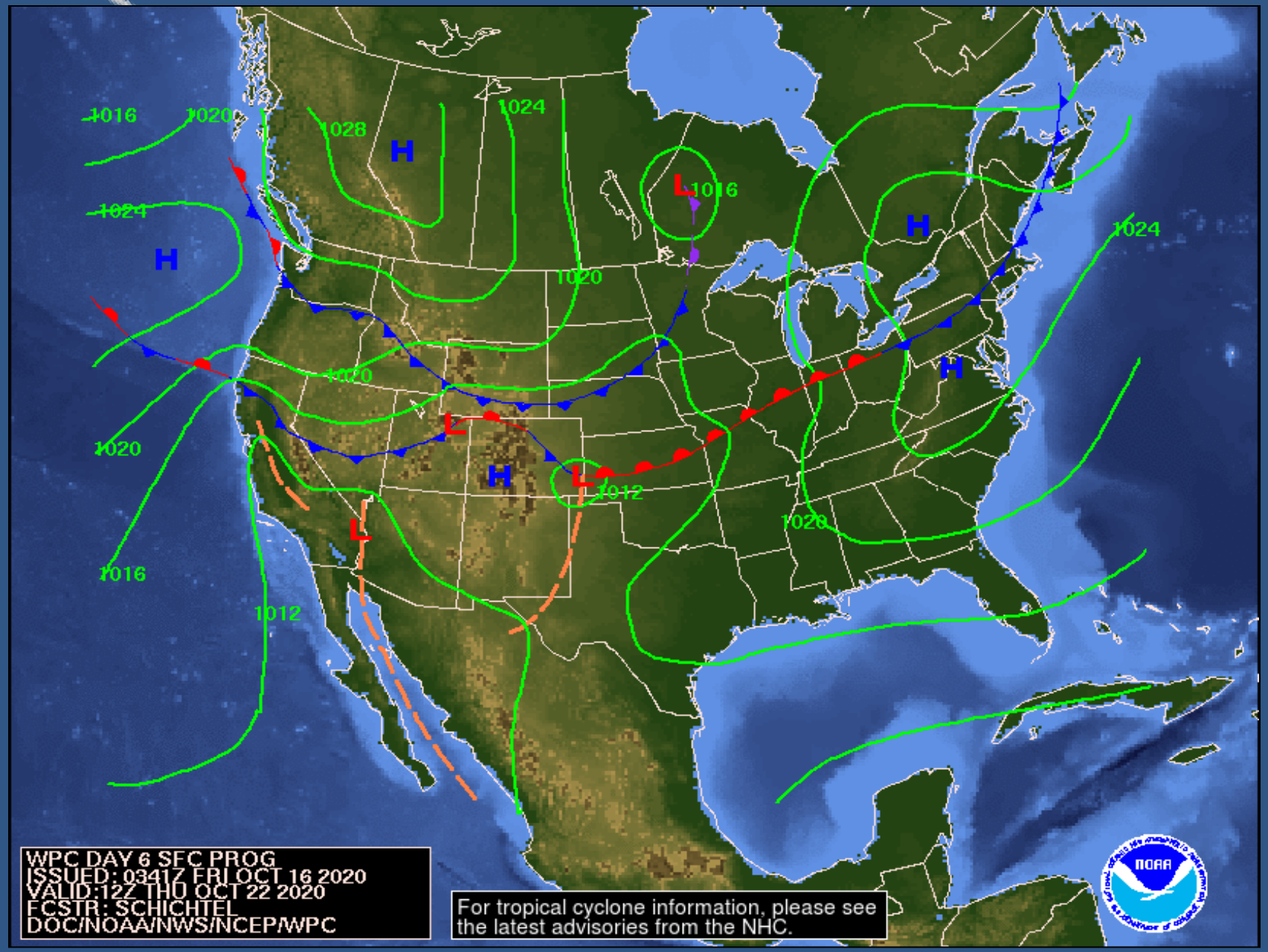
Day 4 Forecast at 7am



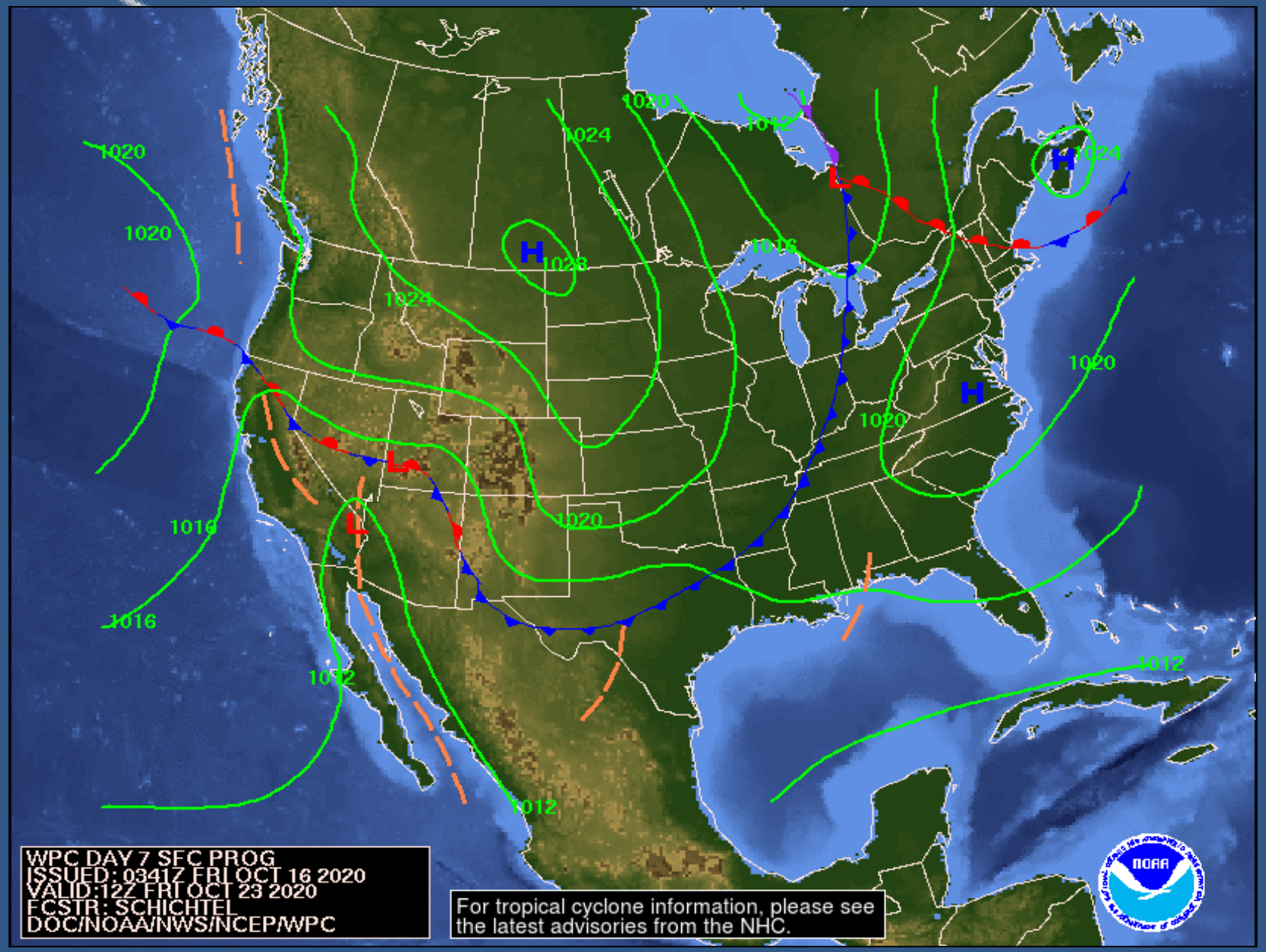
Day 5 Forecast at 7am



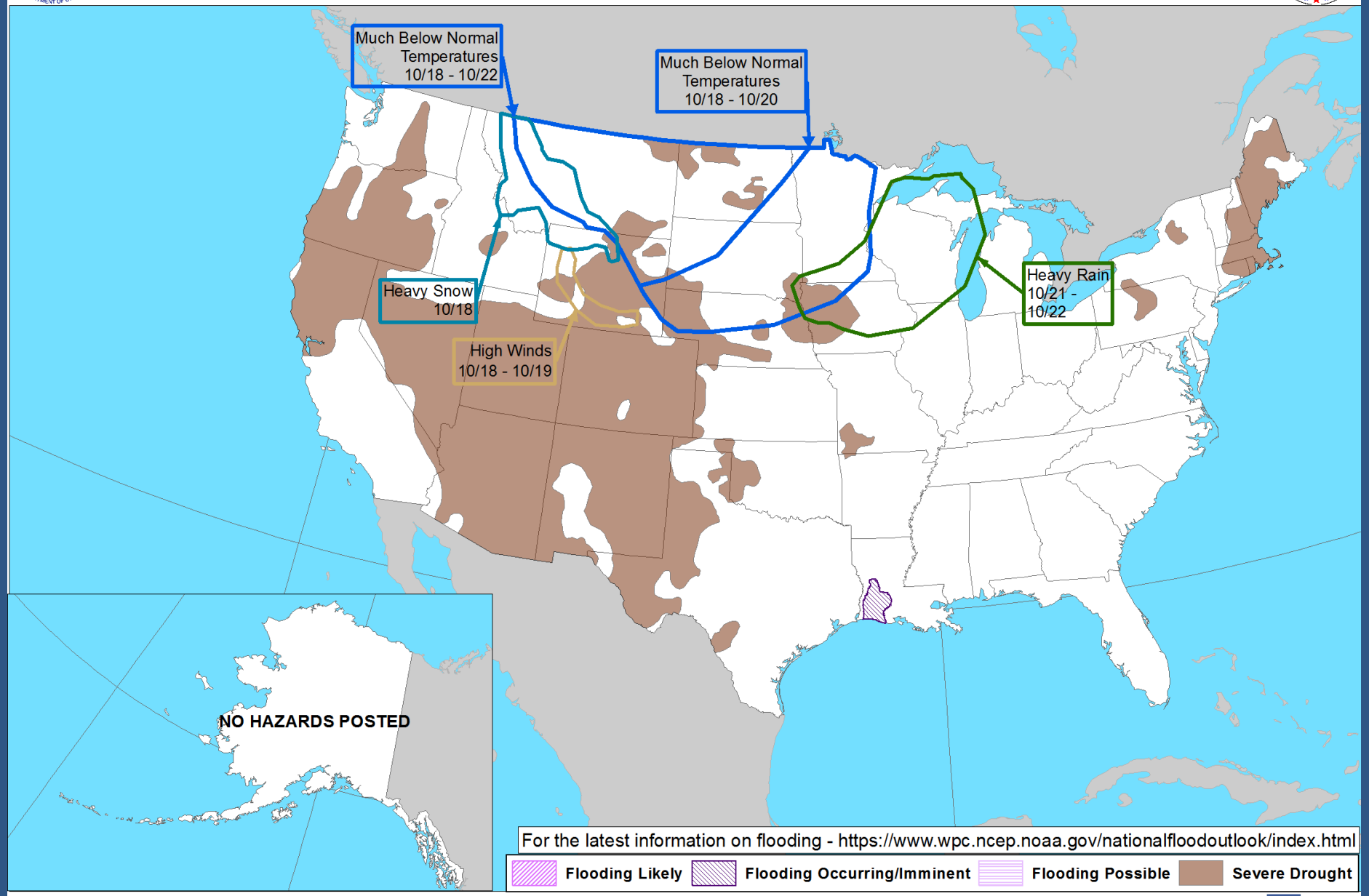
Day 6 Forecast at 7am



Day 7 Forecast at 7am



Day 3-7 U.S. Hazards Outlook
Valid: 10/18/2020-10/22/2020



Weather Prediction Center

Made: 10/15/2020 3PM EDT

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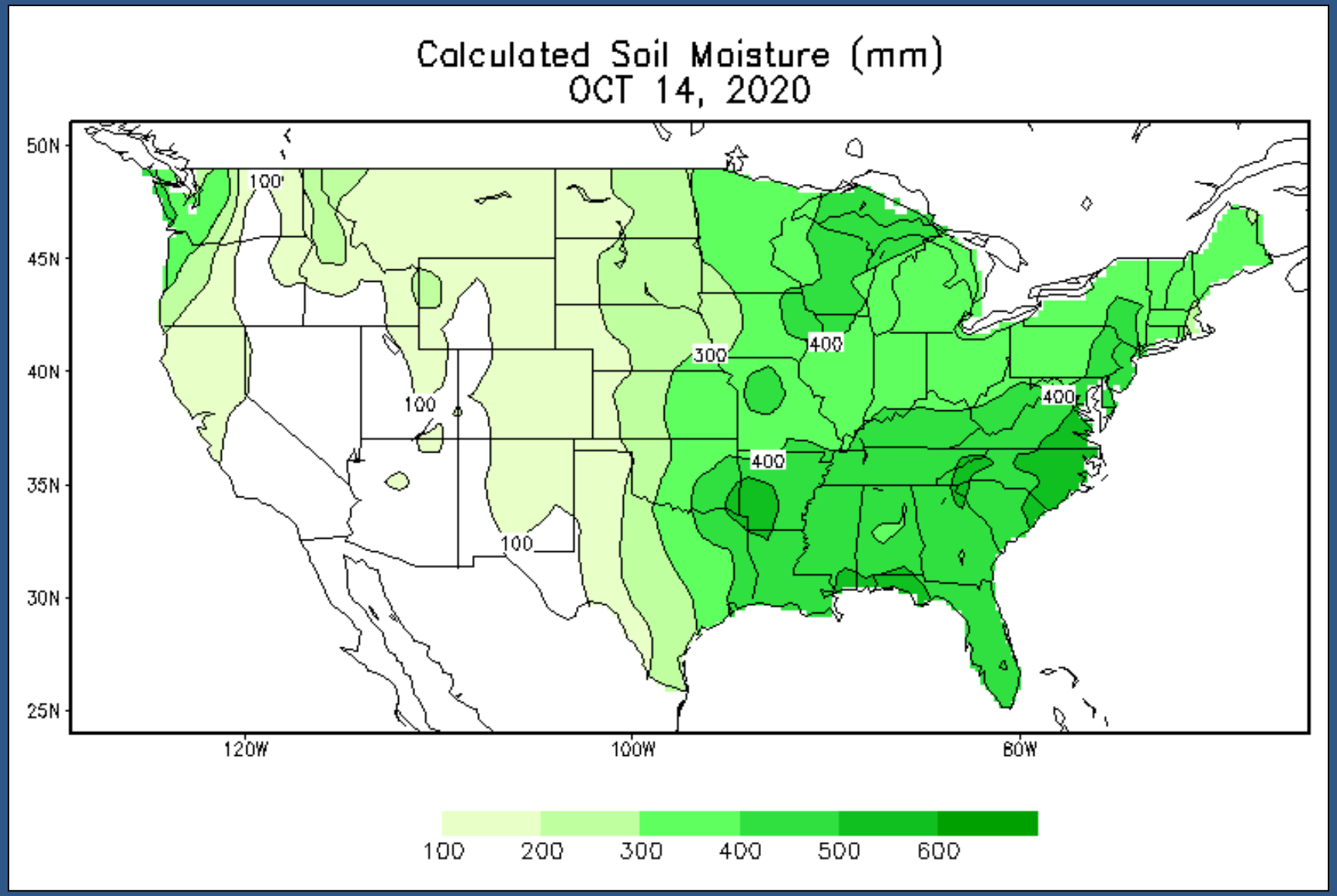
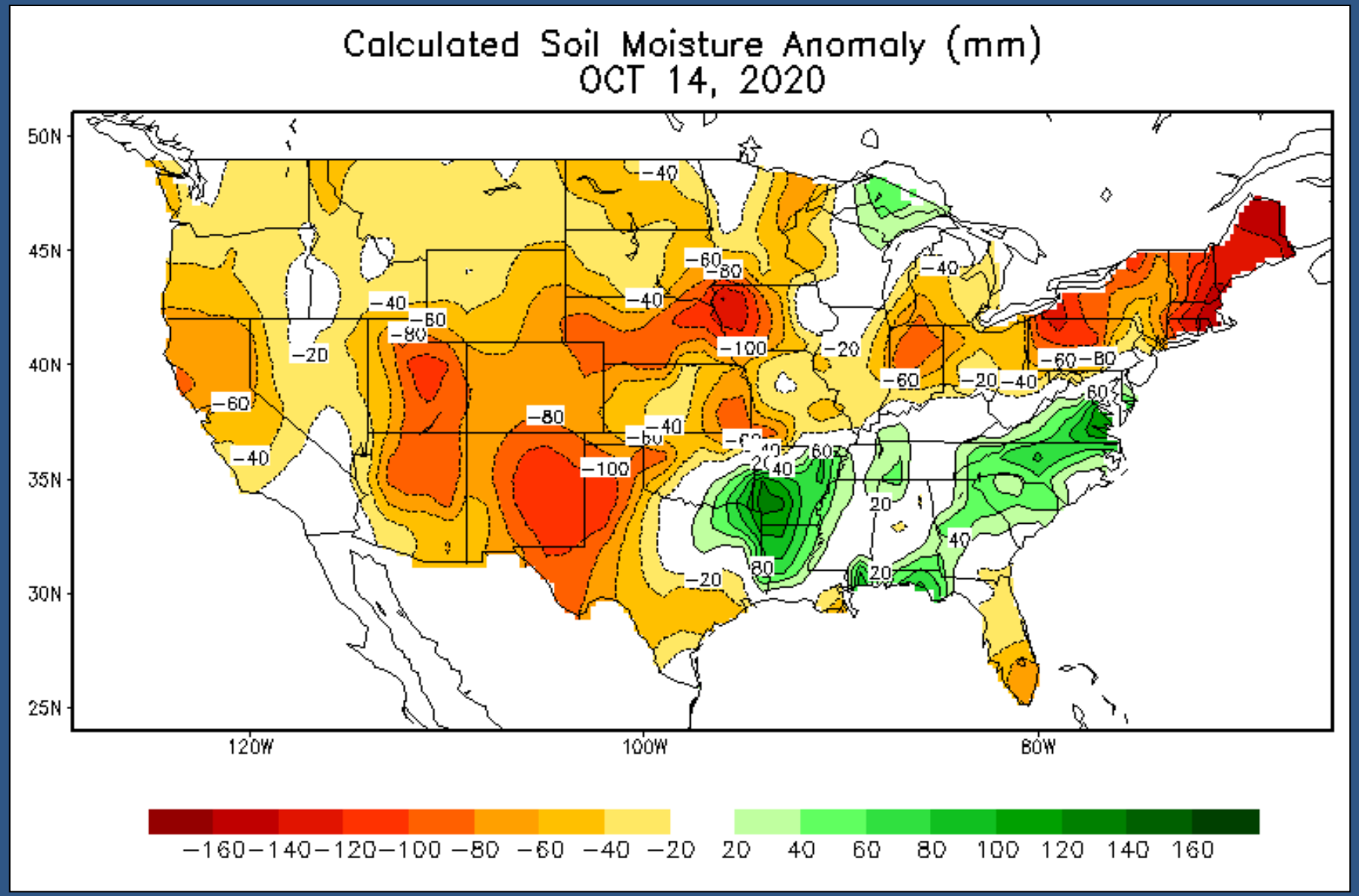
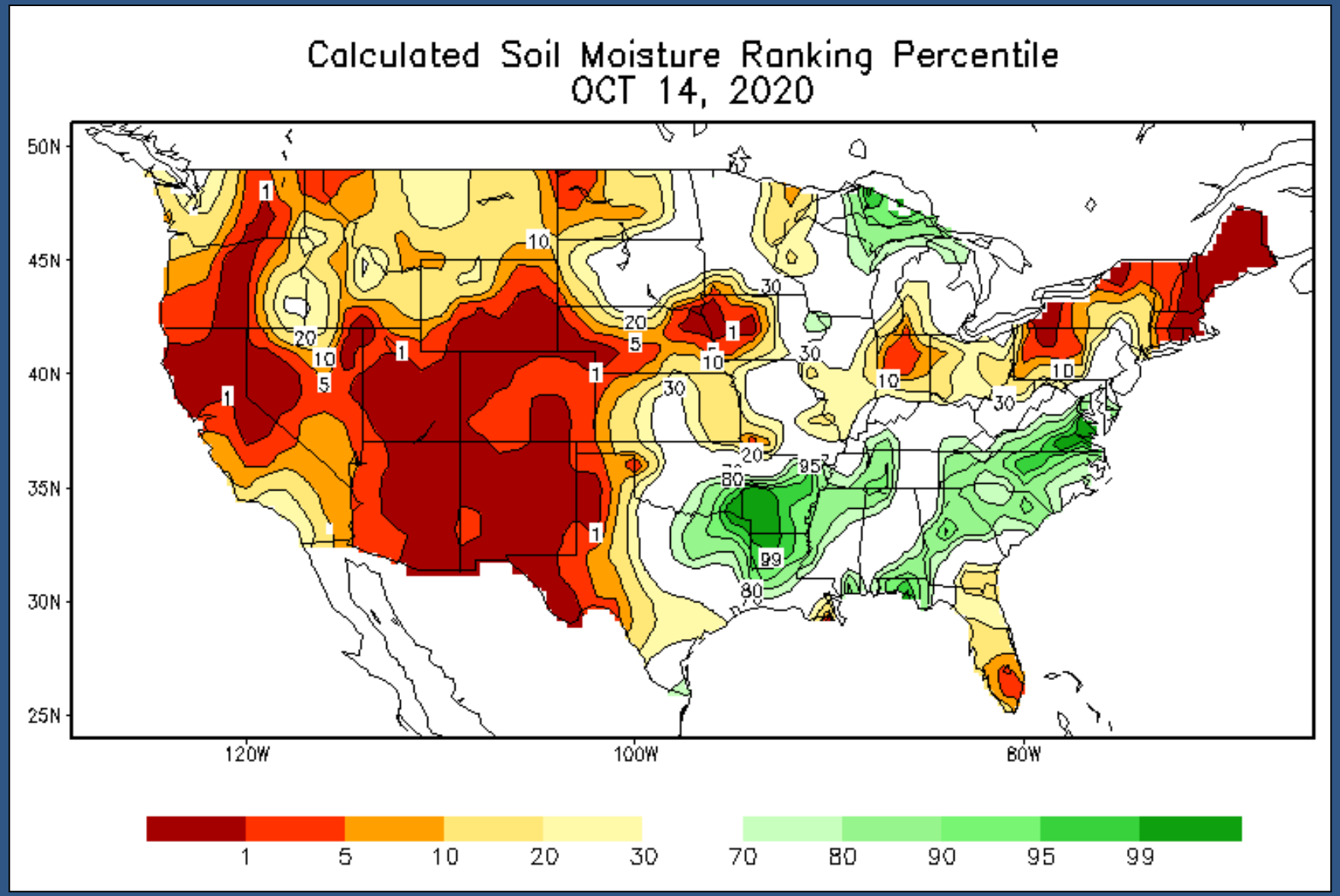
Current Soil Moisture Map



Current Soil Moisture Anomaly Map



Soil Moisture Percentile