



# Weekly Weather Update

2:30 PM CDT

Thursday, December 8, 2022

Joe Rua, *NWS Lake Charles*





# TOP STORY:

**Unseasonably warm into the weekend with chance for rain.**

**Severe Weather Potential early next week.**

	<b>Low Temperatures</b>	<b>High Temperatures</b>	<b>Chance For Rain</b>
Friday	64-68 F	77-82 F	<20%
Saturday	62-67 F	76-80 F	20-40%
Sunday	59-64 F	73-77 F	30-50%
Monday	58-63 F	75-79 F	20-40%
Tuesday	61-65 F	75-79 F	60-80%
Wednesday	53-61 F	65-72 F	30-60%
Thursday	40-50 F	60-65 F	<10%



## Observed Precipitation

Valid Ending Thursday December 8th, 2022 at 11 AM CST

**Light rainfall amounts  
across the area.**

- Up to 0.1 inch
- 0.1 to 0.25 inches
- 0.25 to 0.5 inches
- 0.5 to 1.0 inches
- 1.0 to 1.5 inches
- 1.5 to 2.0 inches
- 2.0 to 3.0 inches
- 3.0 to 4.0 inches
- 4.0 to 6.0 inches
- 6.0 to 8.0 inches
- 8.0 to 10.0 inches
- 10.0 to 15.0 inches
- 15.0 to 20.0 inches
- 20.0 to 30.0 inches
- 30.0 to 50.0 inches

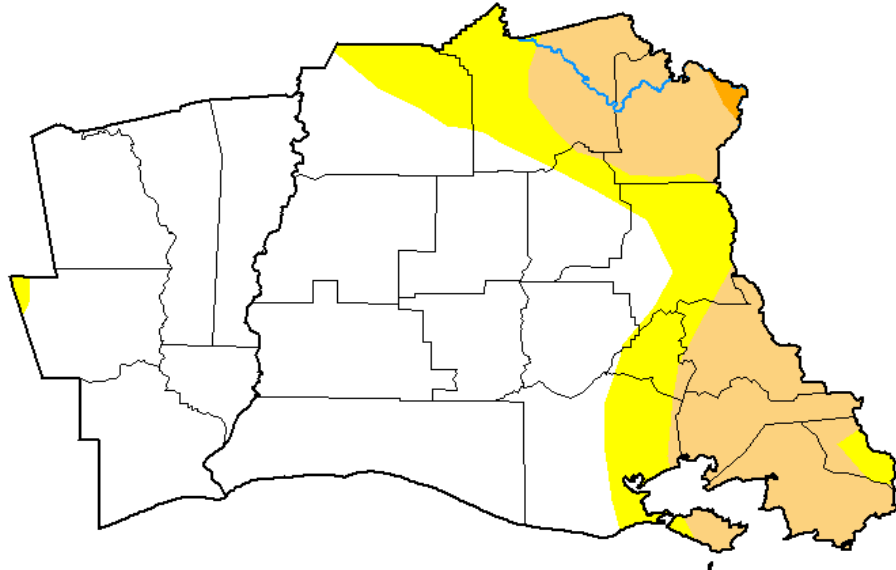


Graphic Created  
December 8th, 2022  
11:58 AM CST







### U.S. Drought Monitor Lake Charles, LA WFO

**December 6, 2022**  
(Released Thursday, Dec. 8, 2022)  
Valid 7 a.m. EST

U.S. Drought Monitor Class Change - Lake Charles, LA WFO  
1 Week



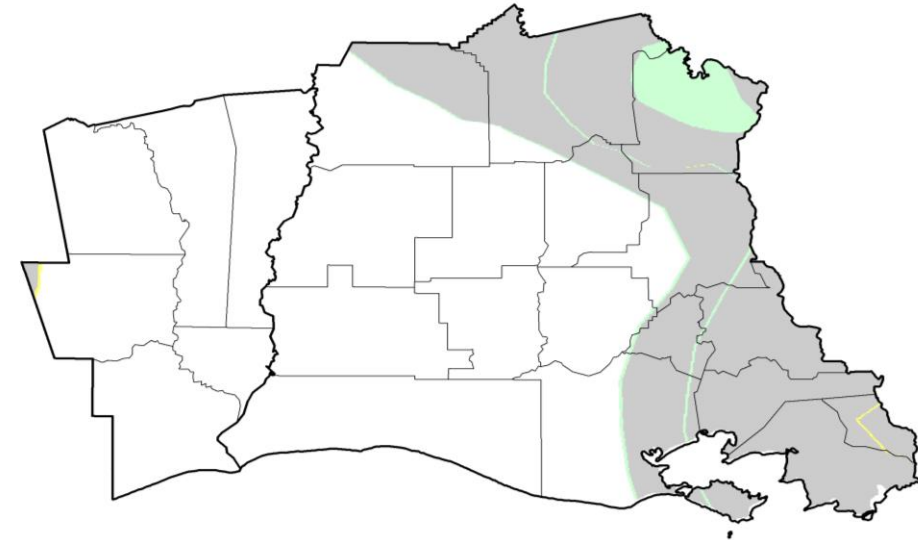
Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

David Simeral  
Western Regional Climate Center



December 6, 2022  
compared to  
November 29, 2022

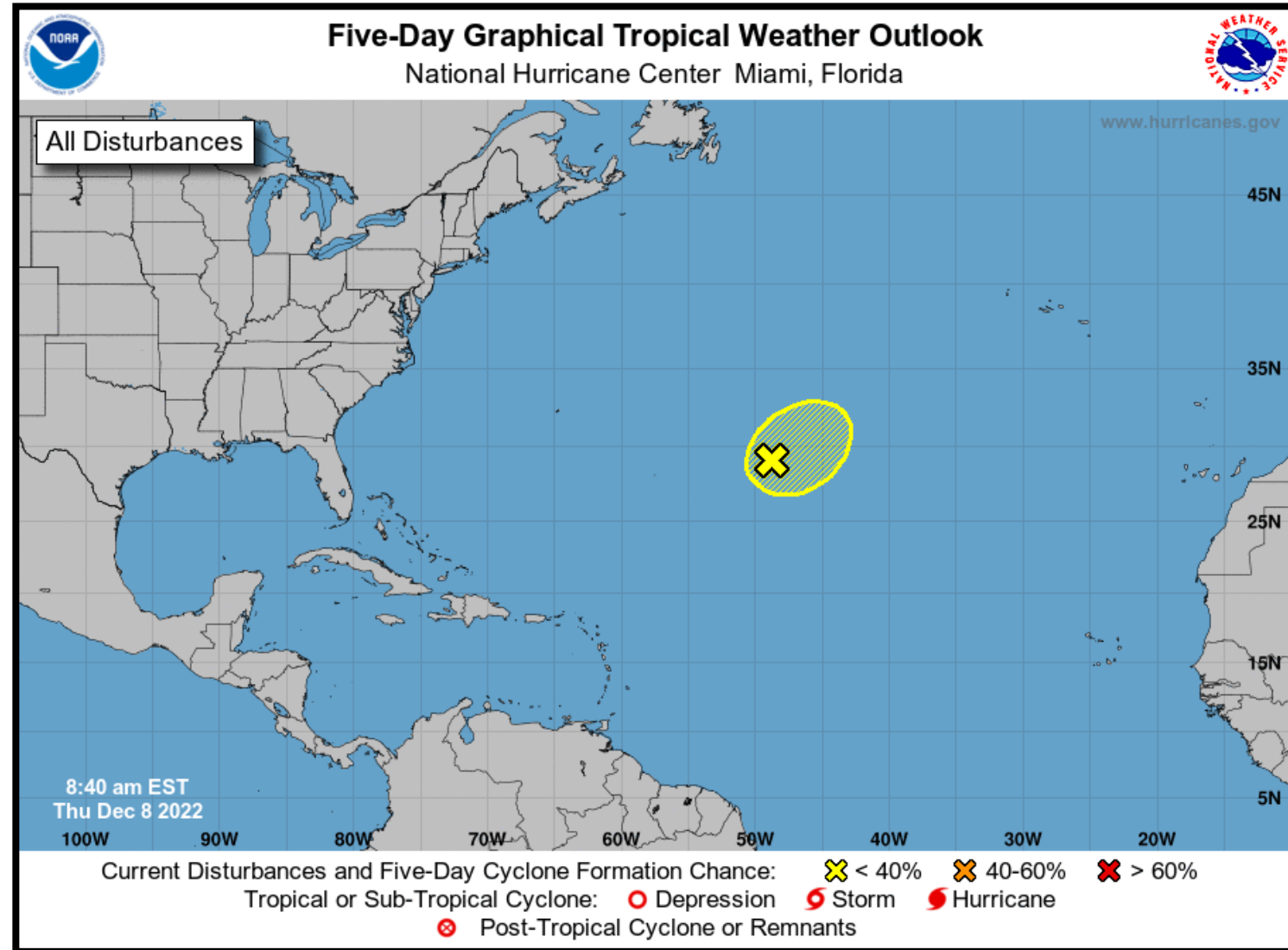


-  5 Class Degradation
-  4 Class Degradation
-  3 Class Degradation
-  2 Class Degradation
-  1 Class Degradation
-  No Change
-  1 Class Improvement
-  2 Class Improvement
-  3 Class Improvement
-  4 Class Improvement
-  5 Class Improvement

droughtmonitor.unl.edu

**Still dry for eastern portions.**

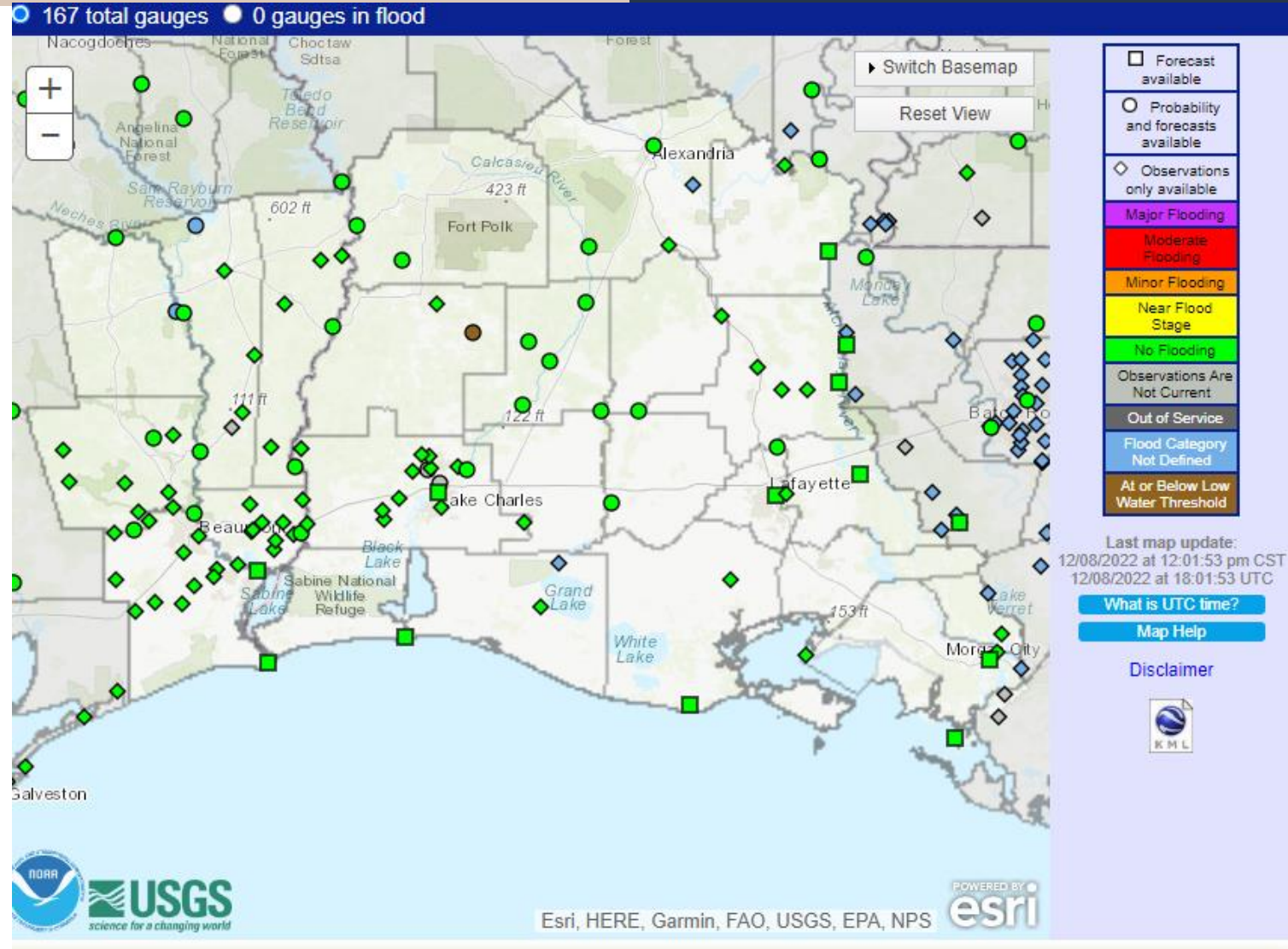
**Low potential for a December tropical or sub-tropical cyclone. However, no impacts for the Gulf of Mexico.**



# River Forecasts



Lake Charles  
WEATHER FORECAST OFFICE

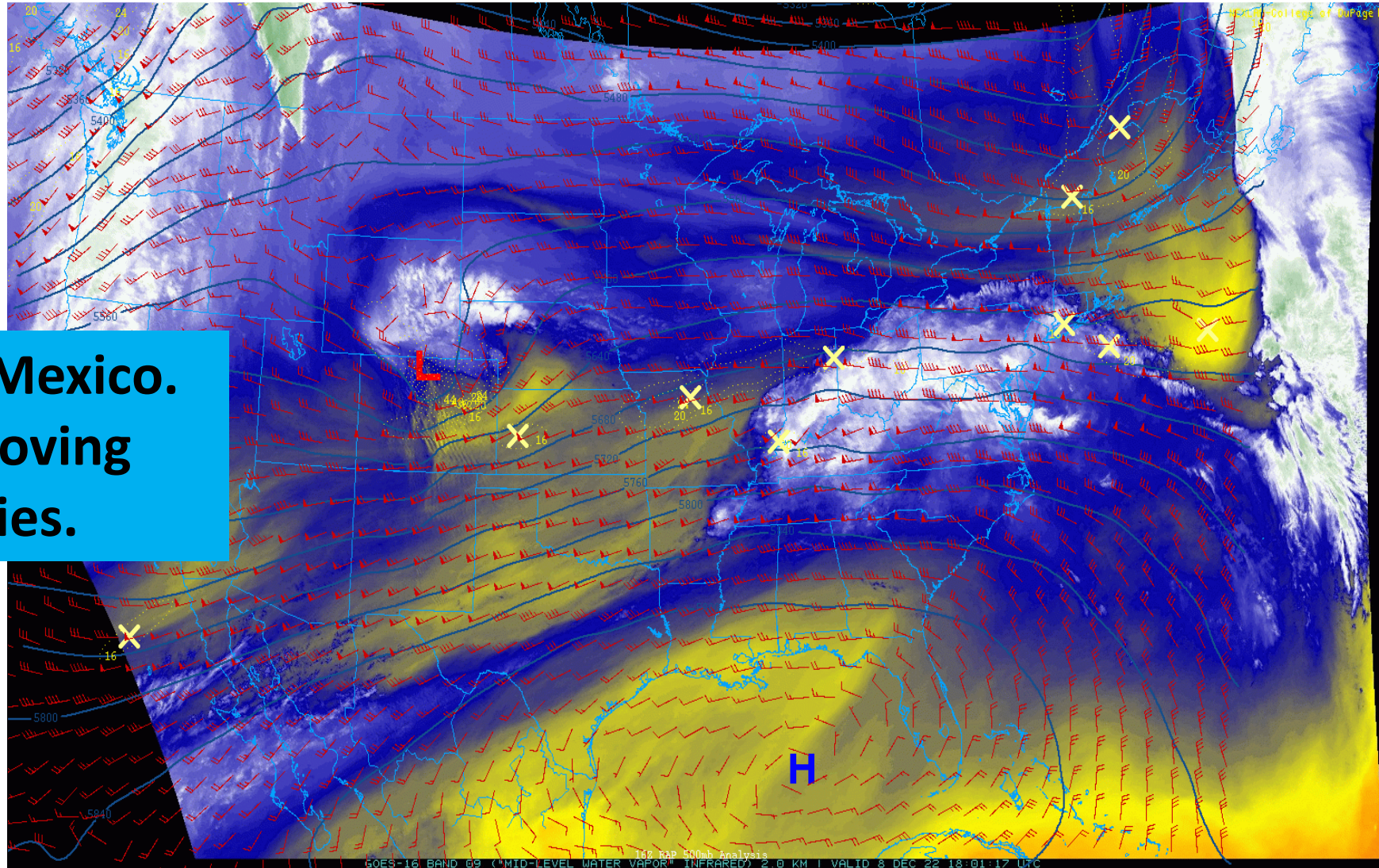


No river sites are in flood.

# Upper Level Steering Patterns



Lake Charles  
WEATHER FORECAST OFFICE



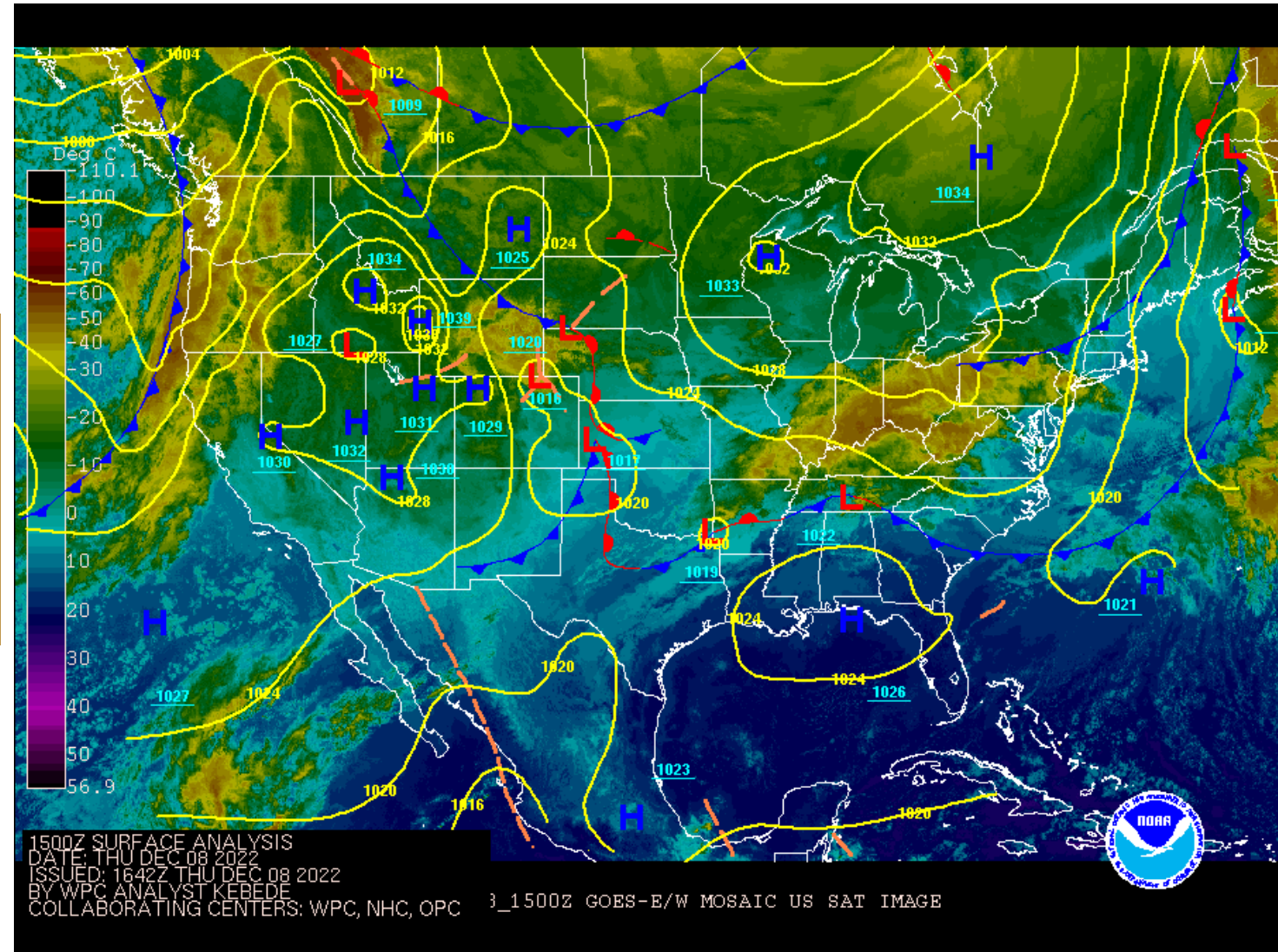
**Ridge over the Gulf of Mexico.  
Short wave trough moving  
East from the Rockies.**

# Surface Weather Map with Fronts



Lake Charles  
WEATHER FORECAST OFFICE

High pressure over northern  
Gulf of Mexico.  
Stalled frontal boundary to  
the north.





# 6 am Weather Observations



Lake Charles  
WEATHER FORECAST OFFICE

Fog with temperatures in the  
Mid 60s to near 70.

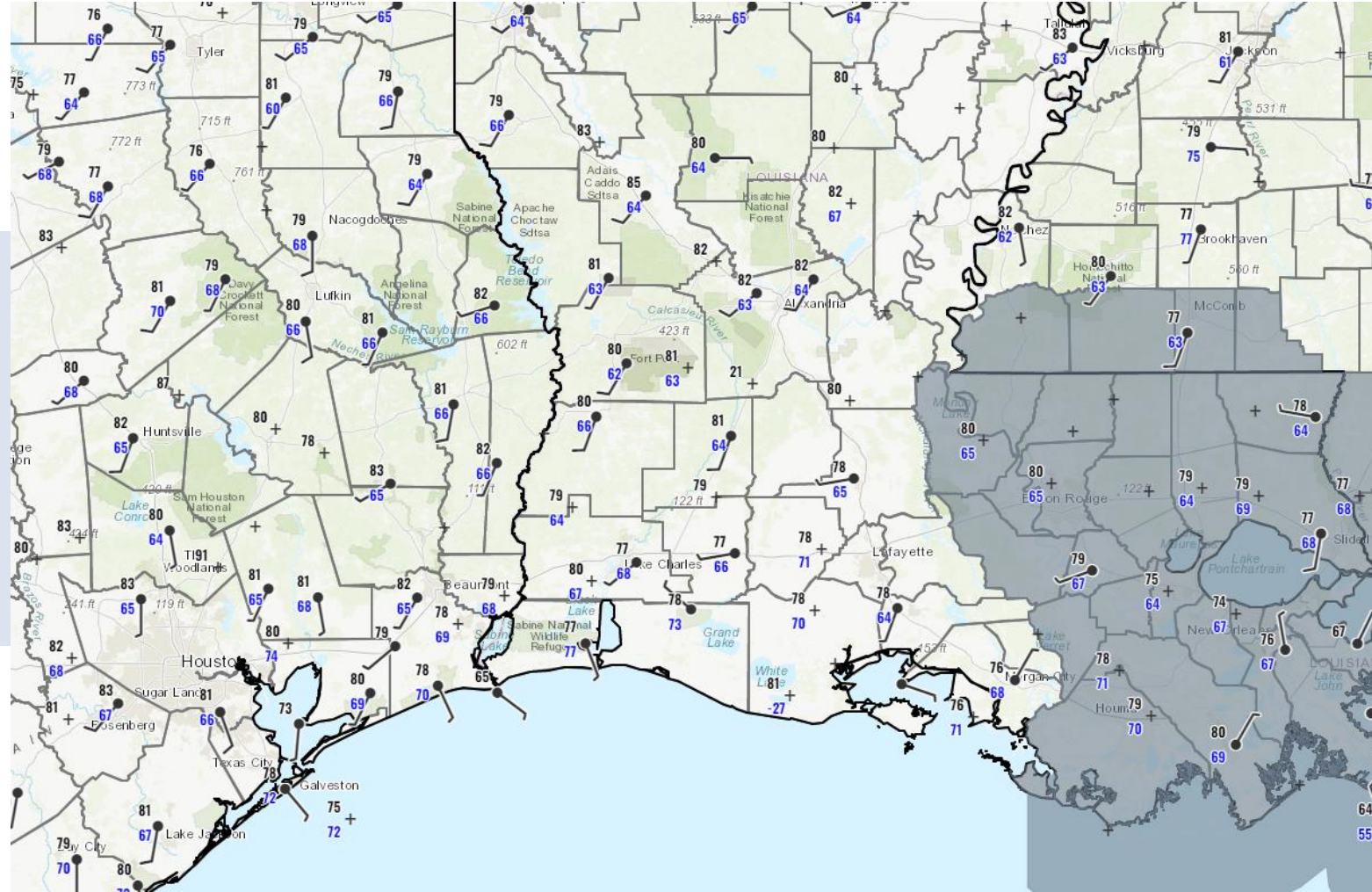


# 2 pm Weather Observations



Lake Charles  
WEATHER FORECAST OFFICE

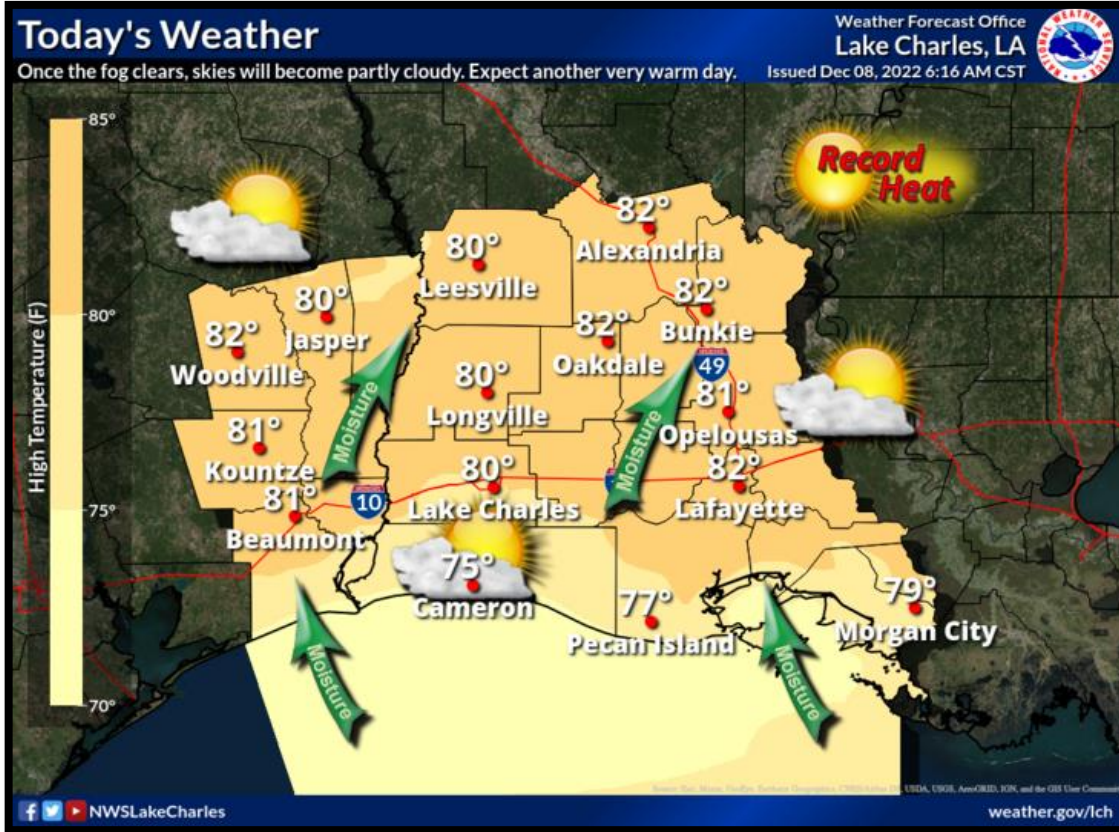
**Warm and muggy.  
Temperatures are in the  
upper 70s to lower 80s with  
dew points in the mid 60s to  
near 70.**



# Rest of the Day



Lake Charles  
WEATHER FORECAST OFFICE

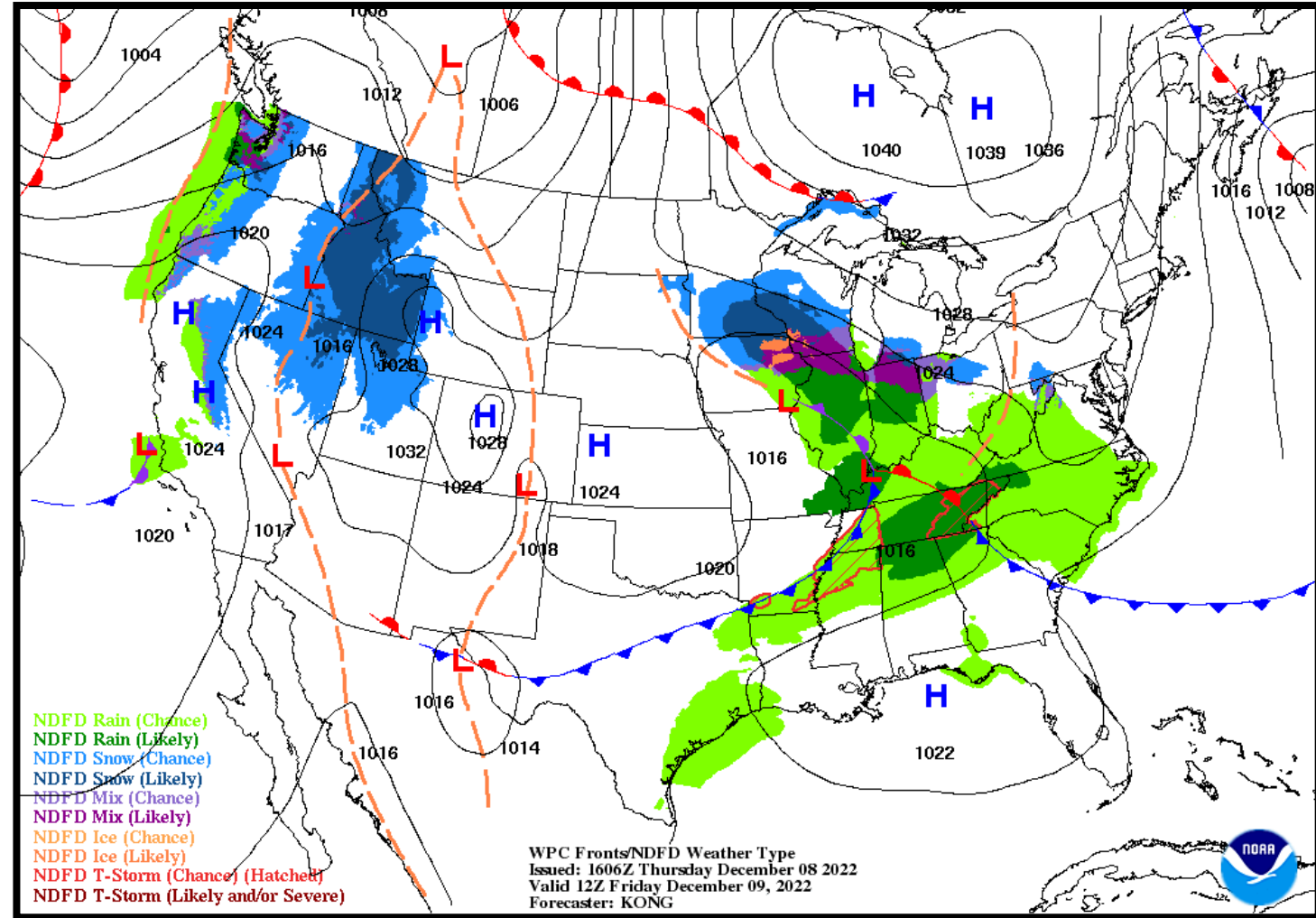


## Dense Fog Expected Again Tonight



### NWS LCH REGIONAL WEATHER

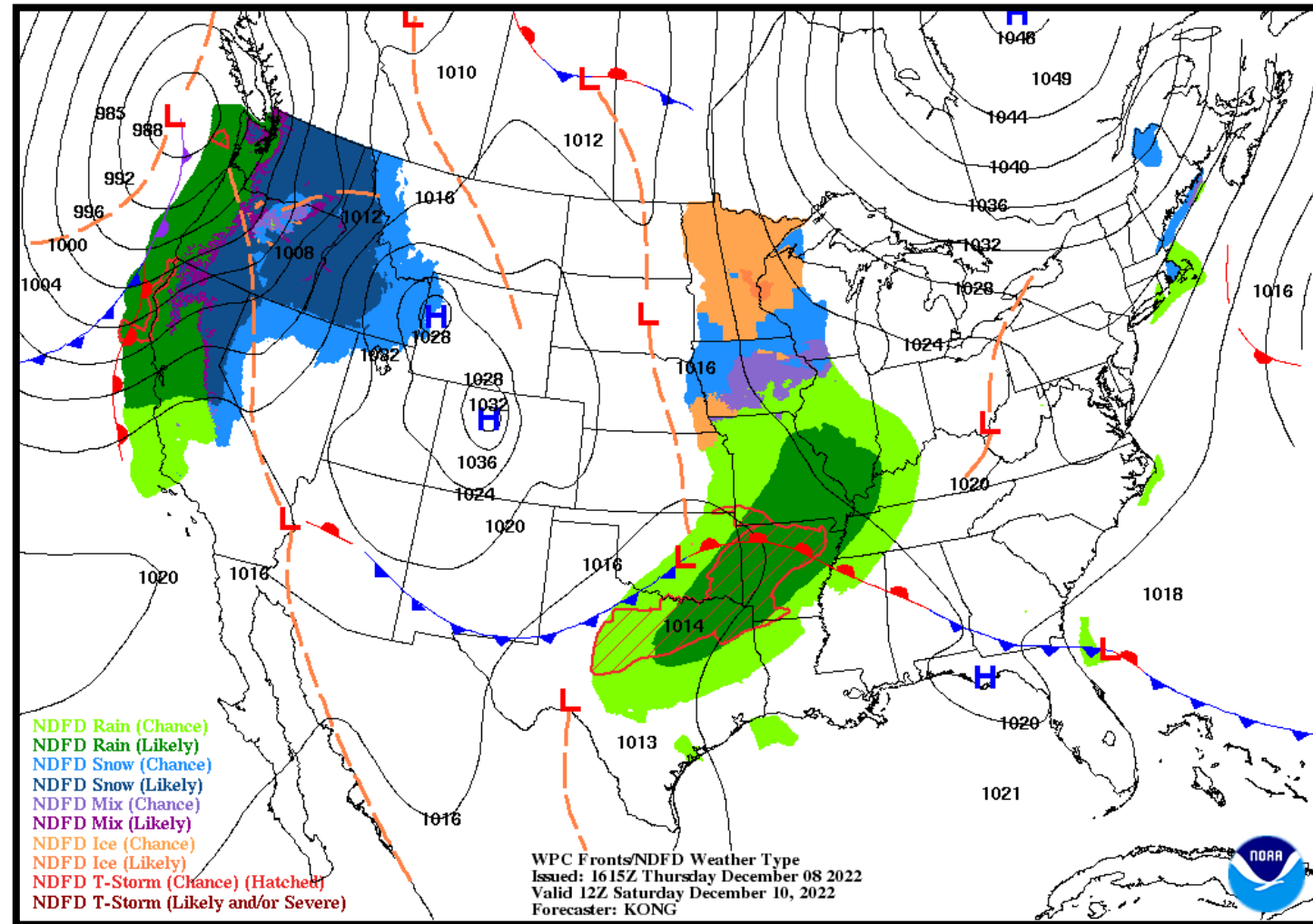
Low Temperature	64-68 F
High Temperature	77-82 F
Wind	SE 5-10 mph
Rain Chances	<20%
Weather Hazards	None





### NWS LCH REGIONAL WEATHER

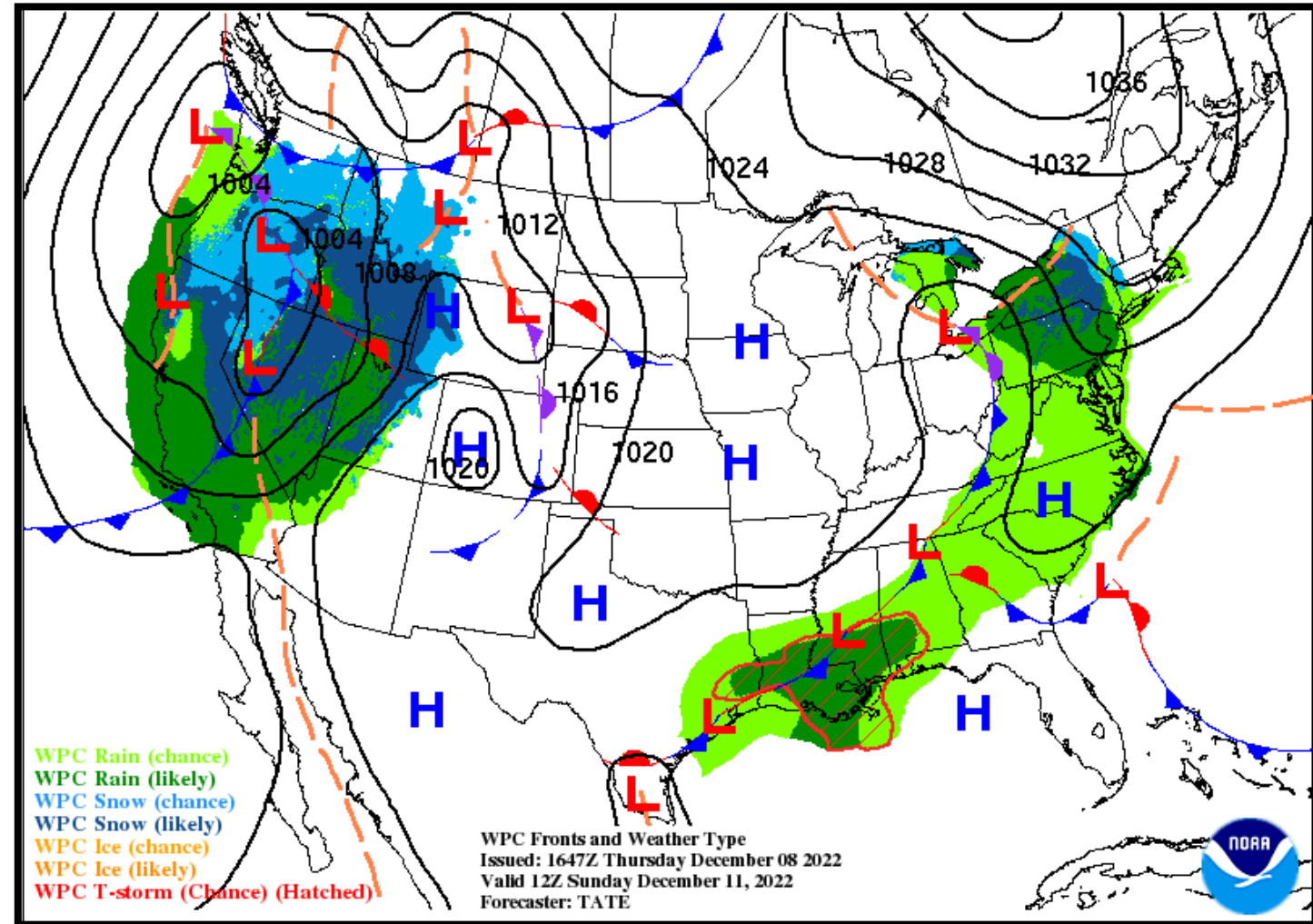
Low Temperature	62-67 F
High Temperature	76-80 F
Wind	S 5-15 mph
Rain Chances	20-40%
Weather Hazards	Showers/Tstms





### NWS LCH REGIONAL WEATHER

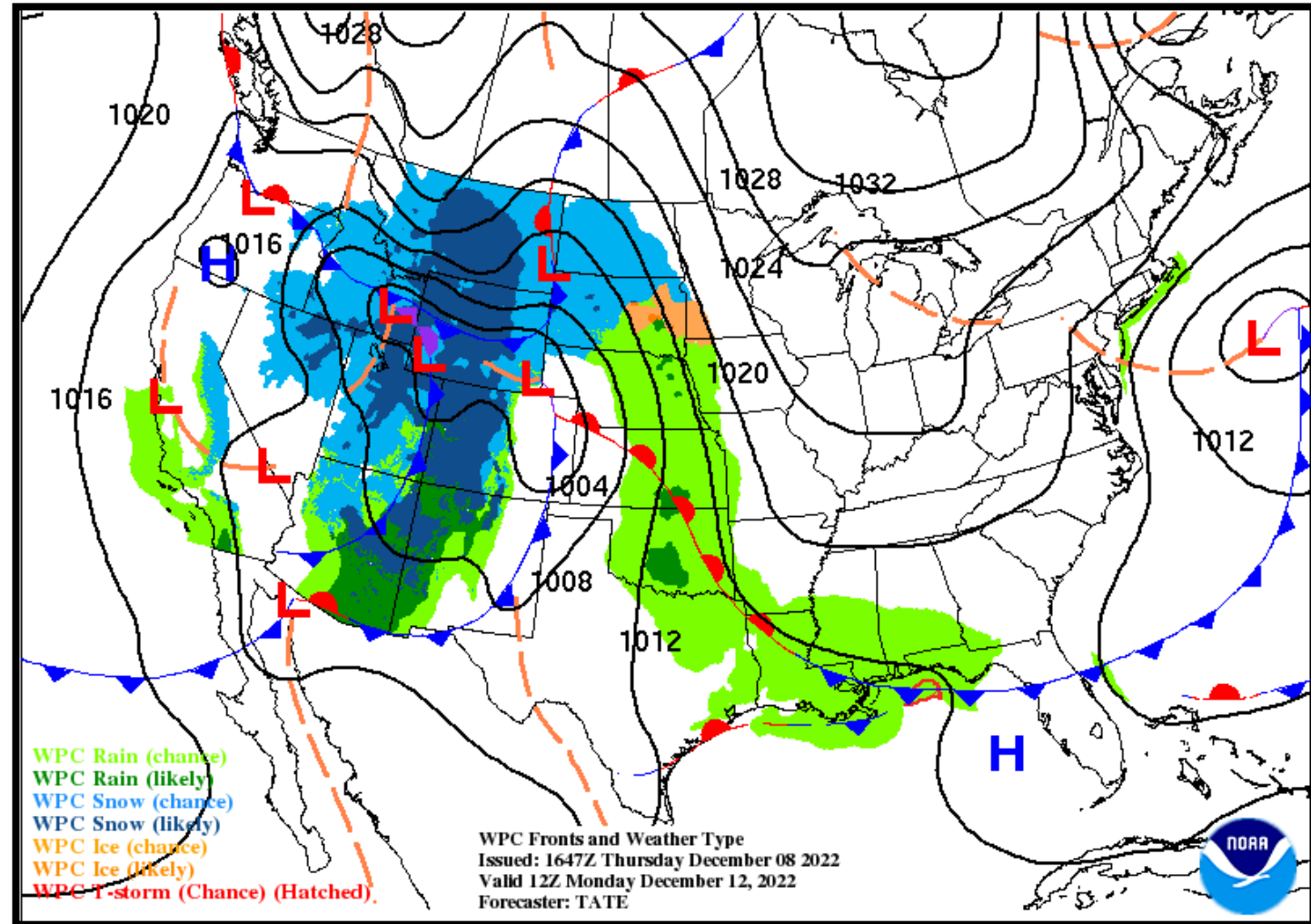
Low Temperature	59-64 F
High Temperature	73-77 F
Wind	NE 5-10 mph
Rain Chances	30-50%
Weather Hazards	Showers/Tstms





### NWS LCH REGIONAL WEATHER

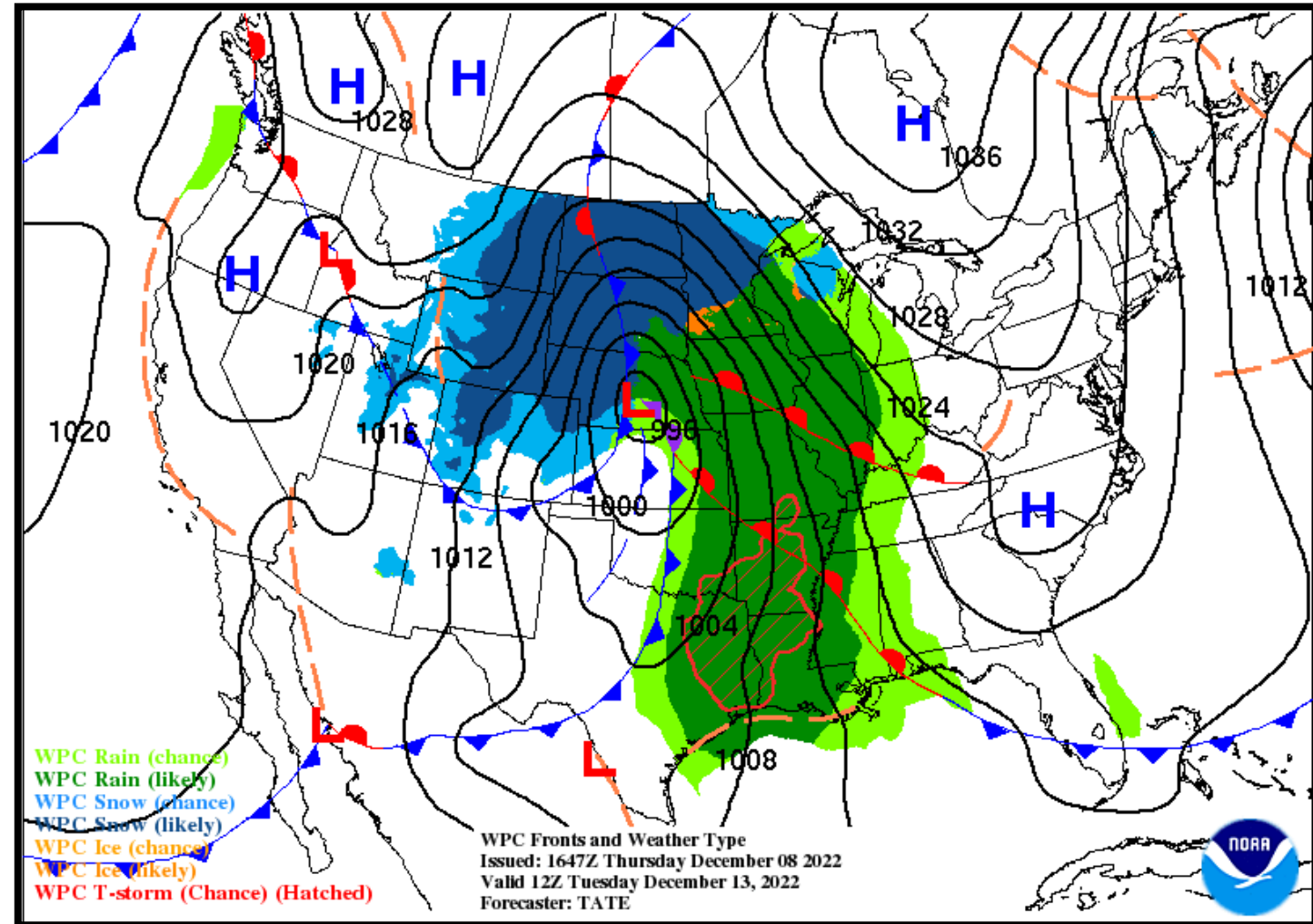
Low Temperature	58-63 F
High Temperature	75-79 F
Wind	SE 5-10
Rain Chances	20-40%
Weather Hazards	Showers





### NWS LCH REGIONAL WEATHER

Low Temperature	61-65 F
High Temperature	75-79 F
Wind	S 10-20 G30 mph
Rain Chances	60-80%
Weather Hazards	Showers/Tstms





# Severe Weather Outlook - Enhanced

Weather Forecast Office  
Lake Charles, LA

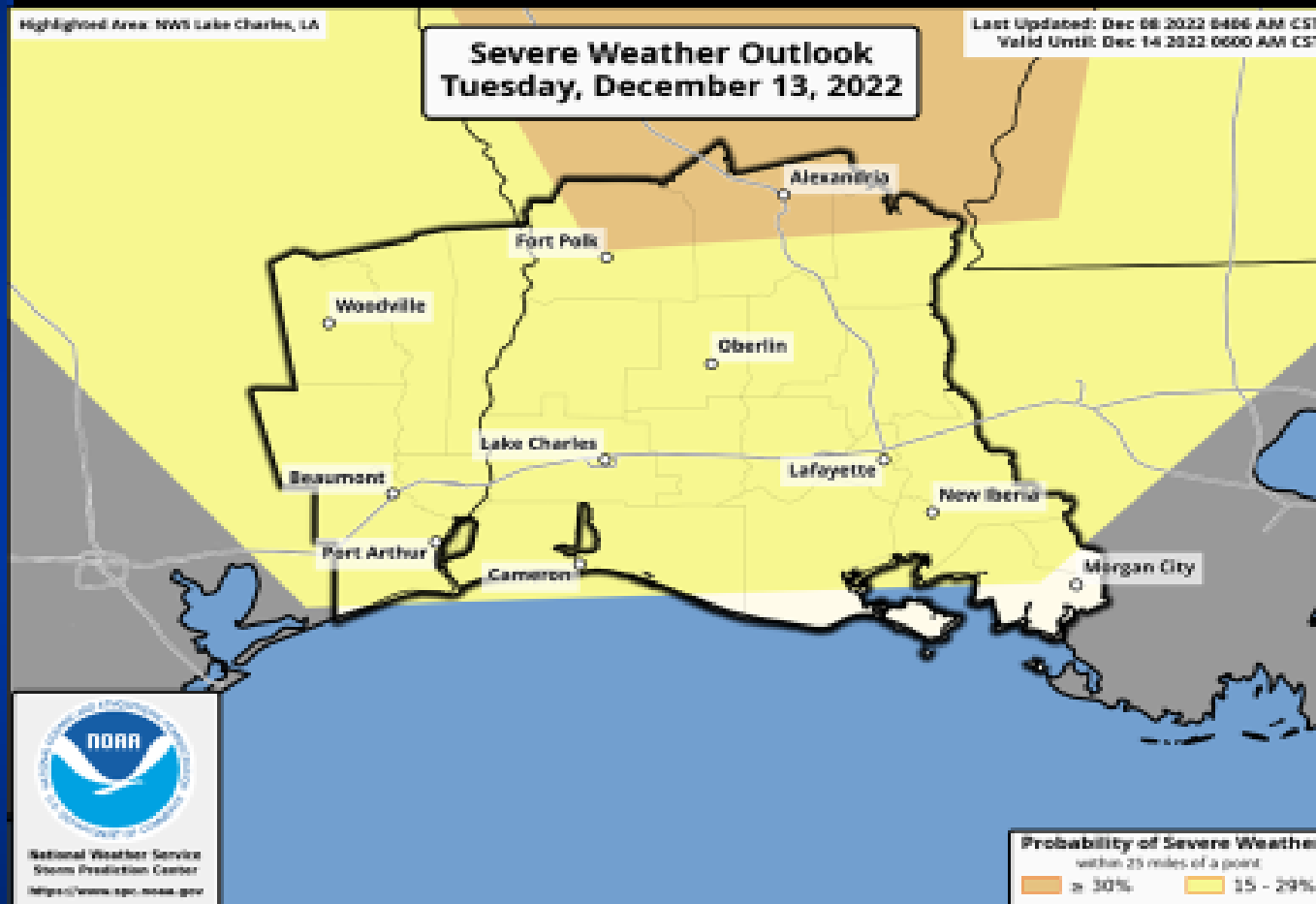


## Storm Prediction Center Day 6 Outlook

Issued December 8, 2022 12:19 PM CST

Potential Risk Level : 3 out of 5

Timing : Tuesday Late Afternoon into Tuesday Night



### Hazards

#### Damaging Winds (60+ mph)



#### Large Hail (1+ inch)



#### Tornadoes



#### Flooding



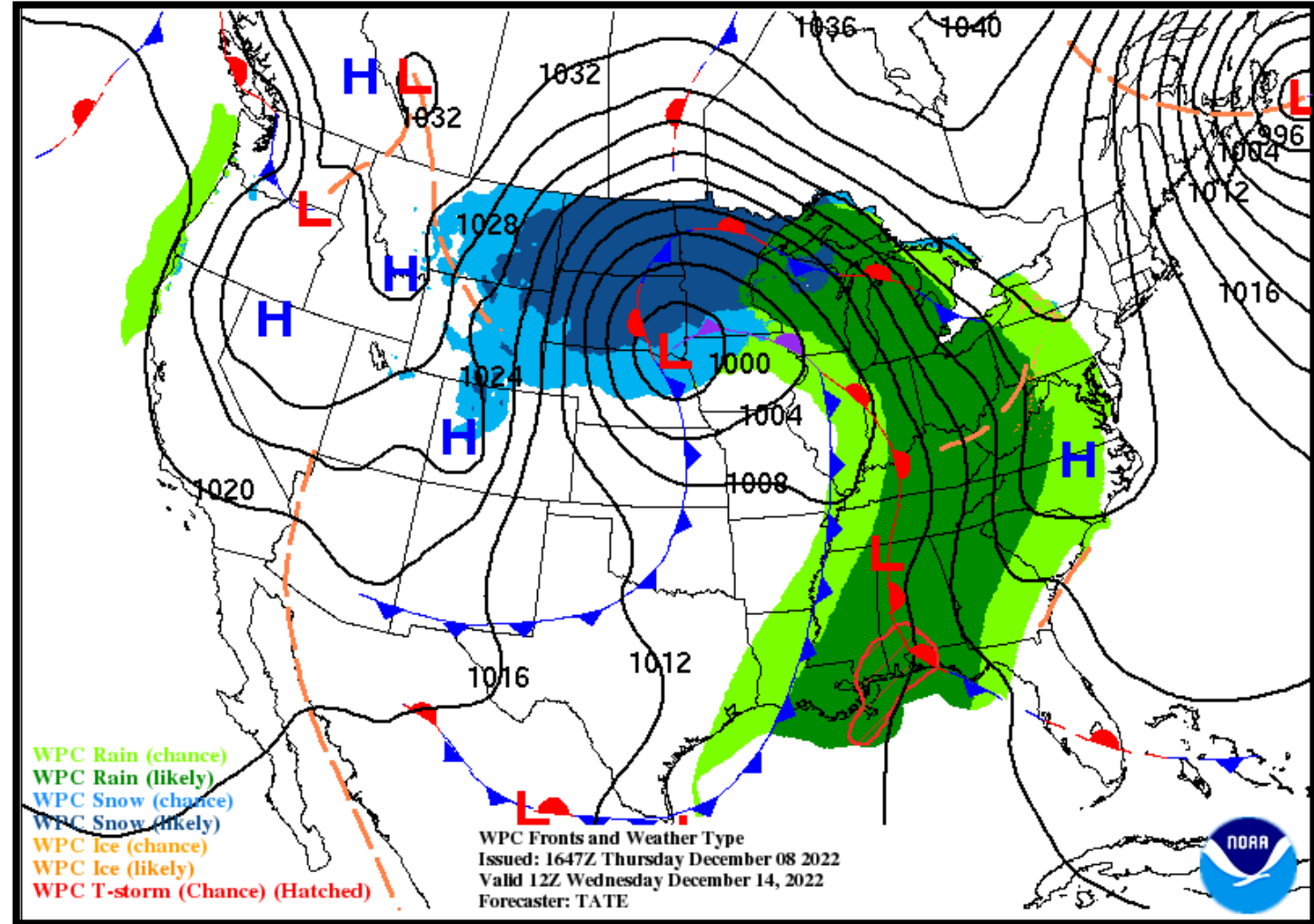
#### Lightning





### NWS LCH REGIONAL WEATHER

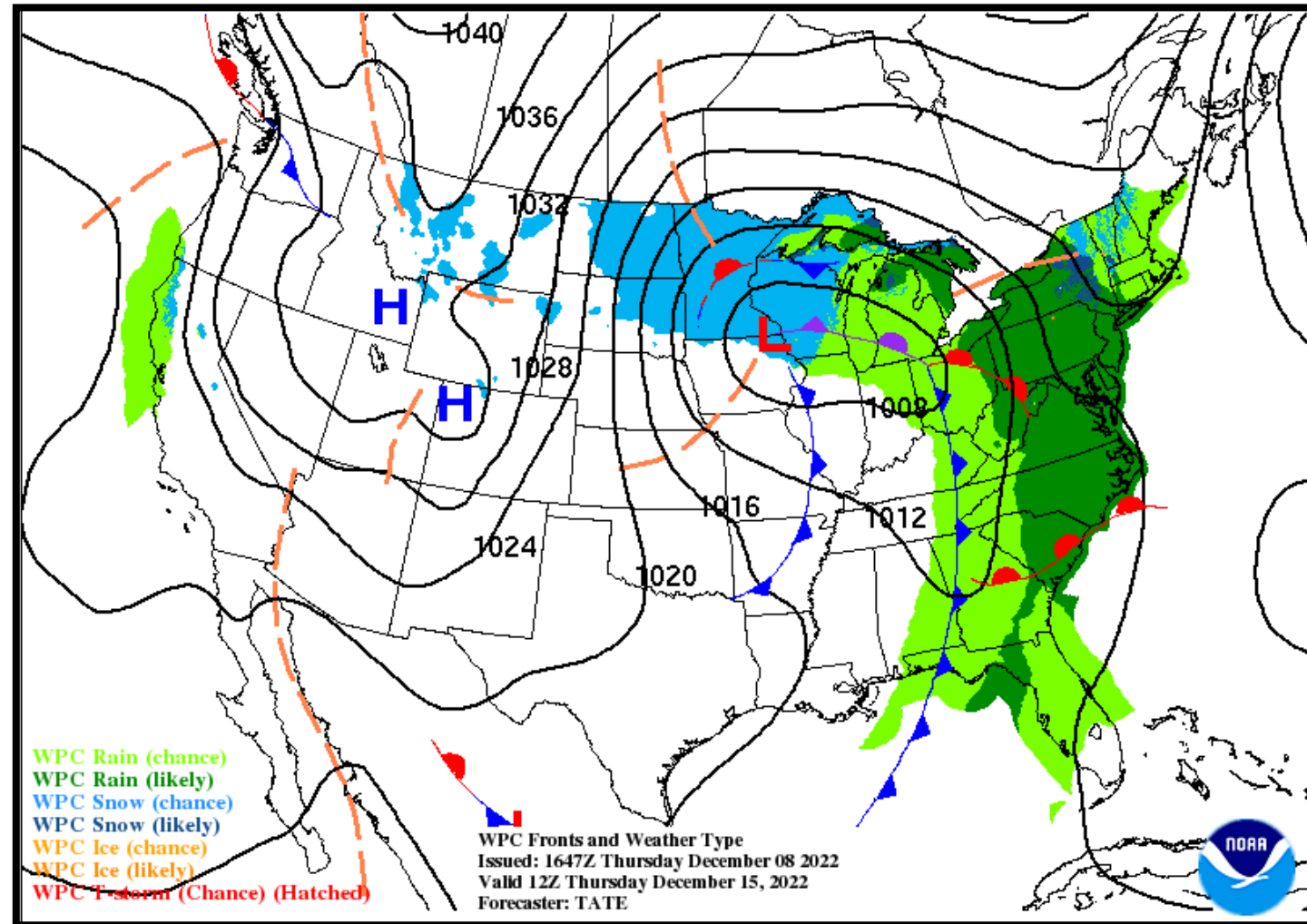
Low Temperature	53-61 F
High Temperature	65-72 F
Wind	SW bcmg NW 10-15 G20 mph
Rain Chances	30-60%
Weather Hazards	Showers/Tstms





### NWS LCH REGIONAL WEATHER

Low Temperature	40-50 F
High Temperature	60-65 F
Wind	NW 10-15 mph
Rain Chances	<10%
Weather Hazards	None



# Weekly Weather Summary Table



Lake Charles  
WEATHER FORECAST OFFICE

## Color Codes Except for Temperatures

Yellow = Low Threat

Orange = Moderate Threat

Red = High Threat

## Color Codes For Temperatures

Yellow=5 F above normal

Orange=10 F above normal

Red=15 F above normal

Vry Lt Blue=5 F below normal

Lt Blue=10 F below normal

Blue=15 F below normal

Weather	Friday 12/09/22	Saturday 12/10/22	Sunday 12/11/22	Monday 12/12/22	Tuesday 12/13/22	Wednesday 12/14/22	Thursday 12/15/22
Rain Total	<0.01	0.01" - 0.10"	<b>0.05"-0.25"</b>	<0.05"	1 -2 "	0.10" - 0.25"	None
T-Storm/ Lightning	None	Scattered	Isolated	None	Scattered	Isolated	None
Tornado/Hail/ Dmg Wind	None	None	None	None	All/Slight- Enhanced	None	None
Wind	SE 5-10 mph	S 5-15 mph	NE 5-10 mph	SE 5-10	S 10-20 G30 mph	SW bcmg NW 10- 15 G20 mph	NW 10-15 mph
Tides	Near Normal	Near Normal	Near Normal	Near Normal	Near Normal	Near Normal	Near Normal
Wave Height	Near: 1-2 ft Off: 2-3 ft	Near: 1-2 ft Off: 2-4 ft	Near: 1-2 ft Off: 2 ft	Near: 1-2 ft Off: 2-3 ft	Near: 2-4 ft Off: 4-6 ft	Near: 2-4 ft Off: 5-7 ft	Near: 2-4 ft Off: 4-6 ft
Temperature	<b>64-68 F</b>	<b>62-67 F</b>	<b>59-64 F</b>	<b>58-63 F</b>	<b>61-65 F</b>	<b>53-61 F</b>	<b>40-50 F</b>
<small>Normal Low: 47-53 F Normal High: 68-73 F</small>	<b>77-82 F</b>	<b>76-80 F</b>	<b>73-77 F</b>	<b>75-79 F</b>	<b>75-79 F</b>	<b>65-72 F</b>	<b>60-65 F</b>



- Dense Fog Likely Tonight/Friday Morning.
- Unseasonably warm with rain chances over the weekend along with the continuation of fog.
- Potential for all modes of severe weather late Tuesday

