



Weekly Weather Update

2:30 PM CST

Thursday, December 16, 2021

Alex Donato, *NWS Lake Charles*



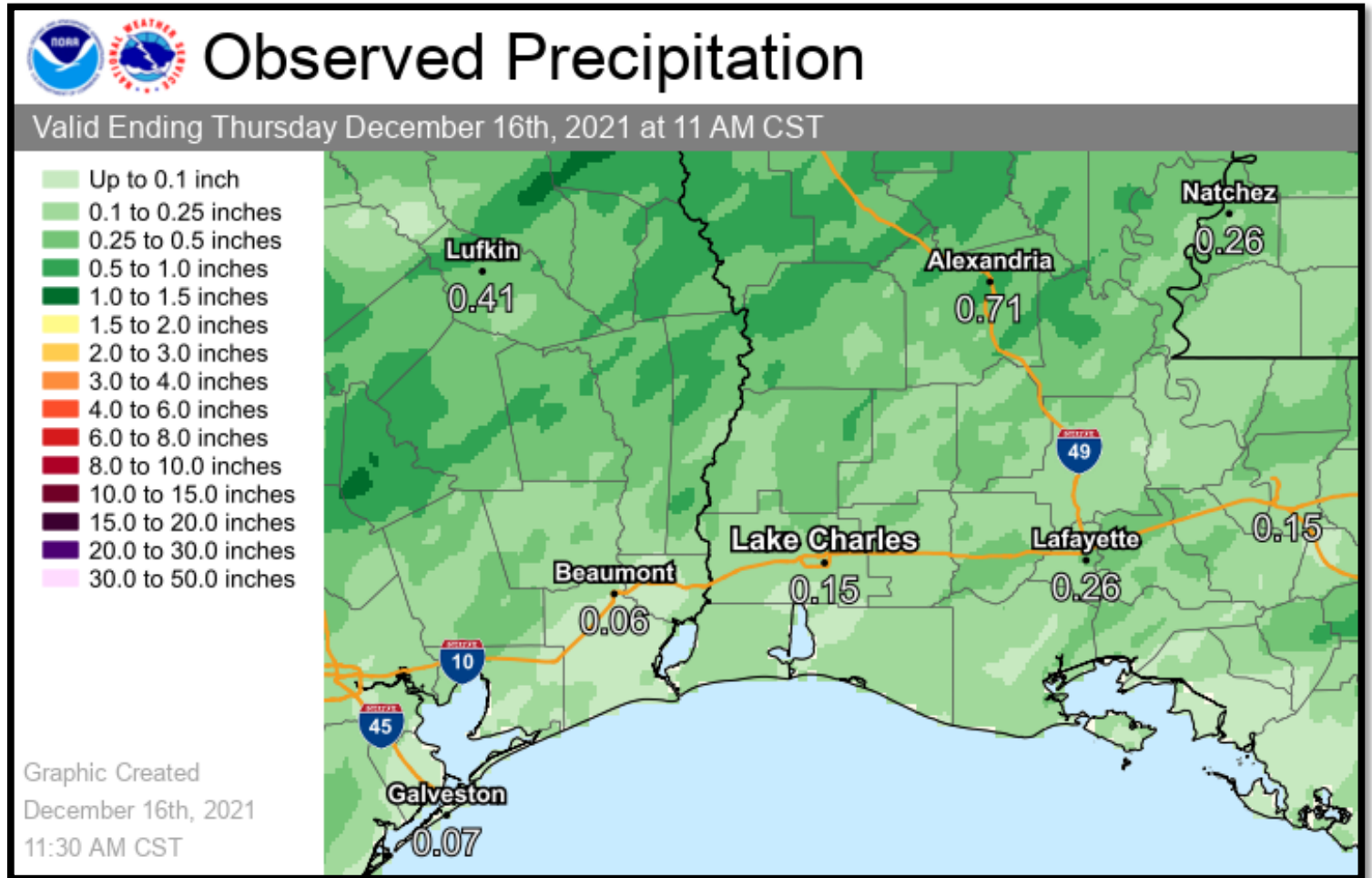


TOP STORY:

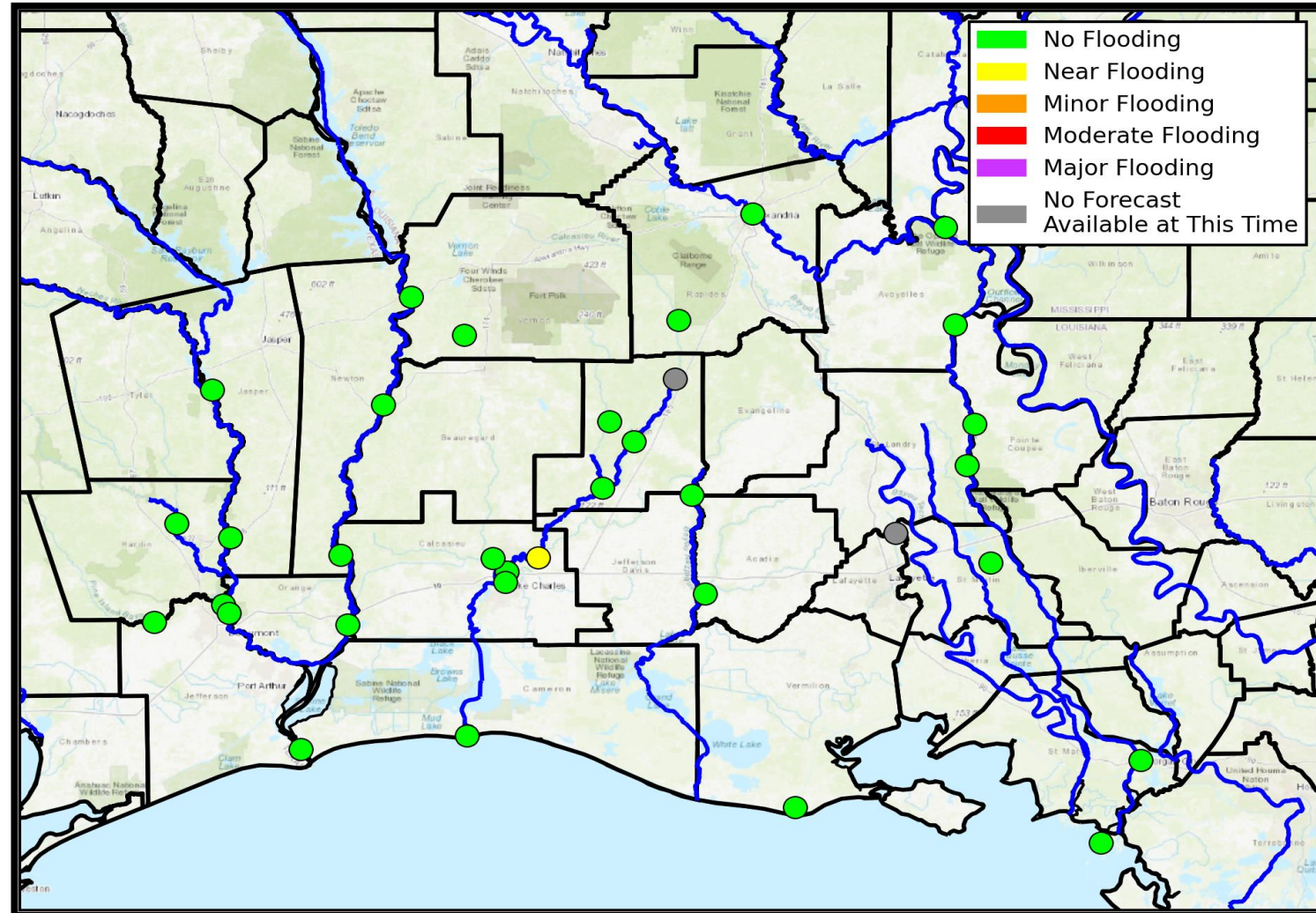
Dense fog expected for southern areas tonight into Friday morning. A cold front will arrive Saturday with showers and thunderstorms expected. Much cooler temperatures will be expected post frontal.

	Low Temperatures	High Temperatures	Chance For Rain
Friday	65-68 F	78-81 F	10-15%
Saturday	63-67 F	69-78 F	80-90%
Sunday	41-49 F	53-59 F	10%
Monday	36-43 F	51-59 F	45-60%
Tuesday	38-44 F	59-62 F	<10%
Wednesday	37-44 F	64-67 F	<10%
Thursday	44-52 F	70-74 F	<10%
Normals This Time of Year	37-44 F	60-64 F	30%-45%

Modest amounts of precipitation were seen this past week, mostly due to the frontal system that passed last weekend.



No rivers are currently in flood. There will be a Marginal Risk of minor flooding this weekend with a cold front passing through the area.

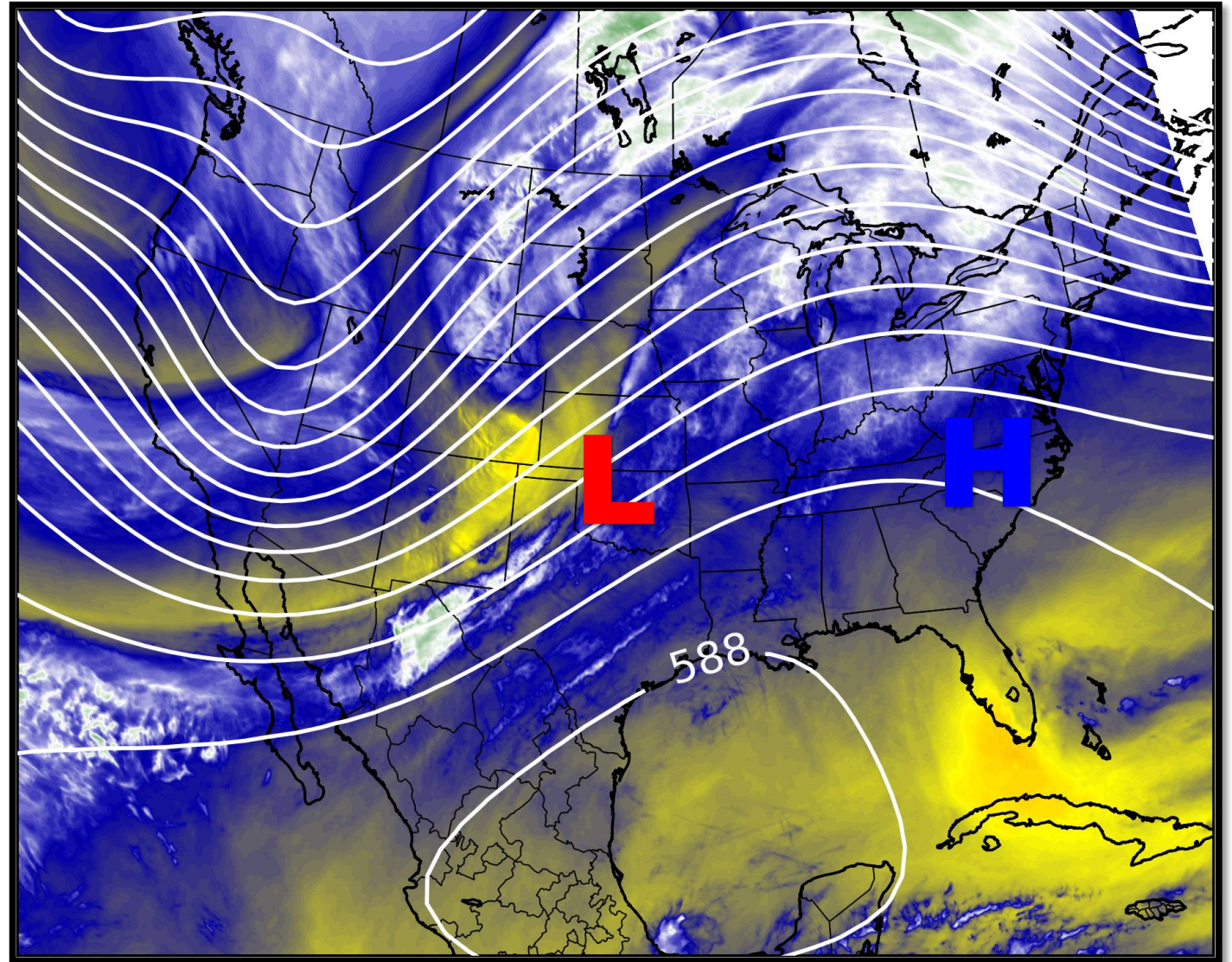


Upper Level Steering Patterns



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High pressure is present towards the northeast with a low pressure system towards the northwest.

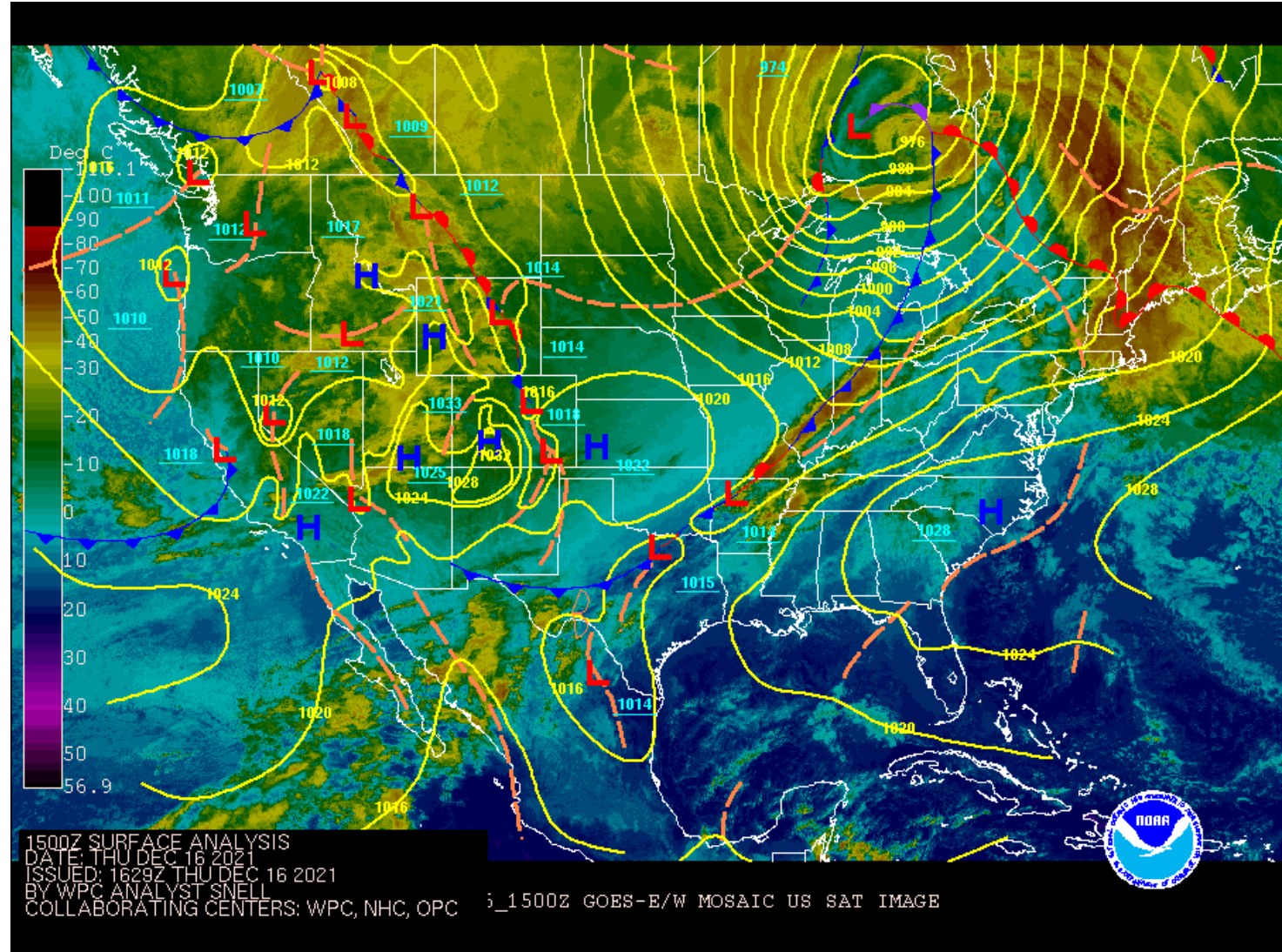


Surface Weather Map with Fronts



Lake Charles
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The frontal boundary that is currently towards the northwest will be reaching us on Saturday.

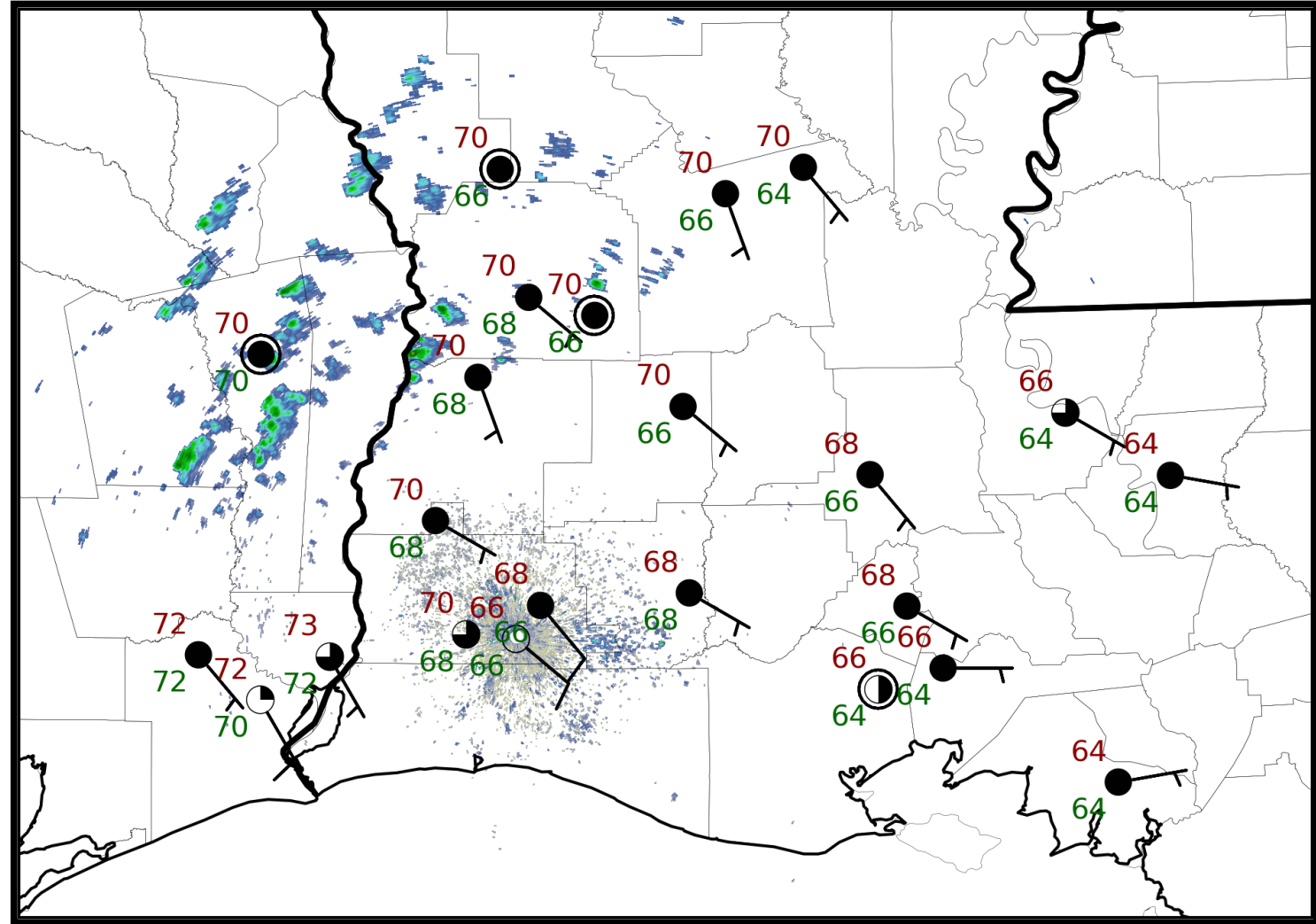


6 am Weather Observations



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Some showers were present over northwestern parts of the area with significant cloud cover and dense fog for southern areas. Temperatures were in the upper 60s and low 70s with southeasterly winds at 5 to 10 MPH.

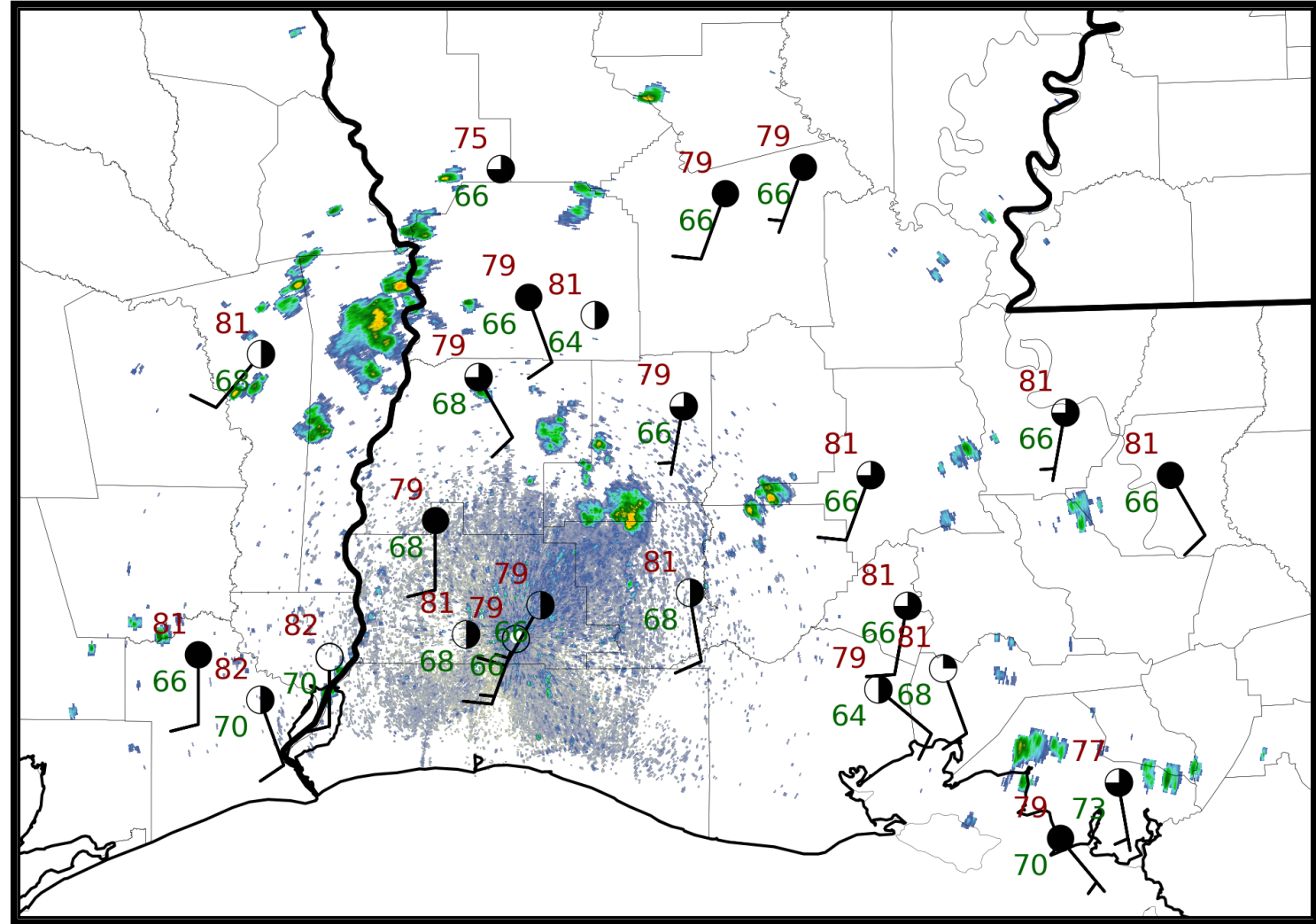


2 pm Weather Observations



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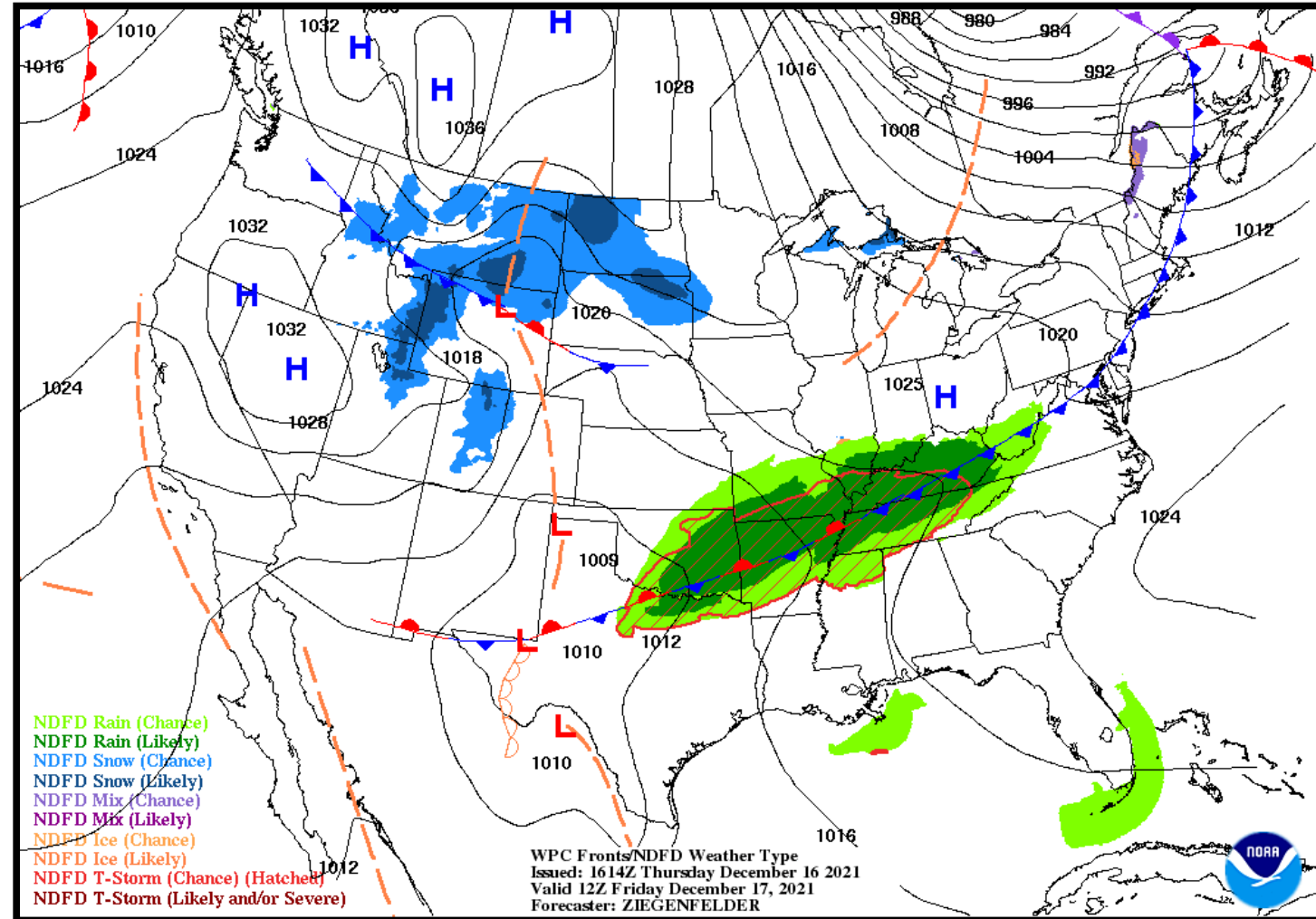
Some showers and thunderstorms are over the area. Temperatures are near 80 with southerly winds at 10 to 15 MPH.





NWS LCH REGIONAL WEATHER

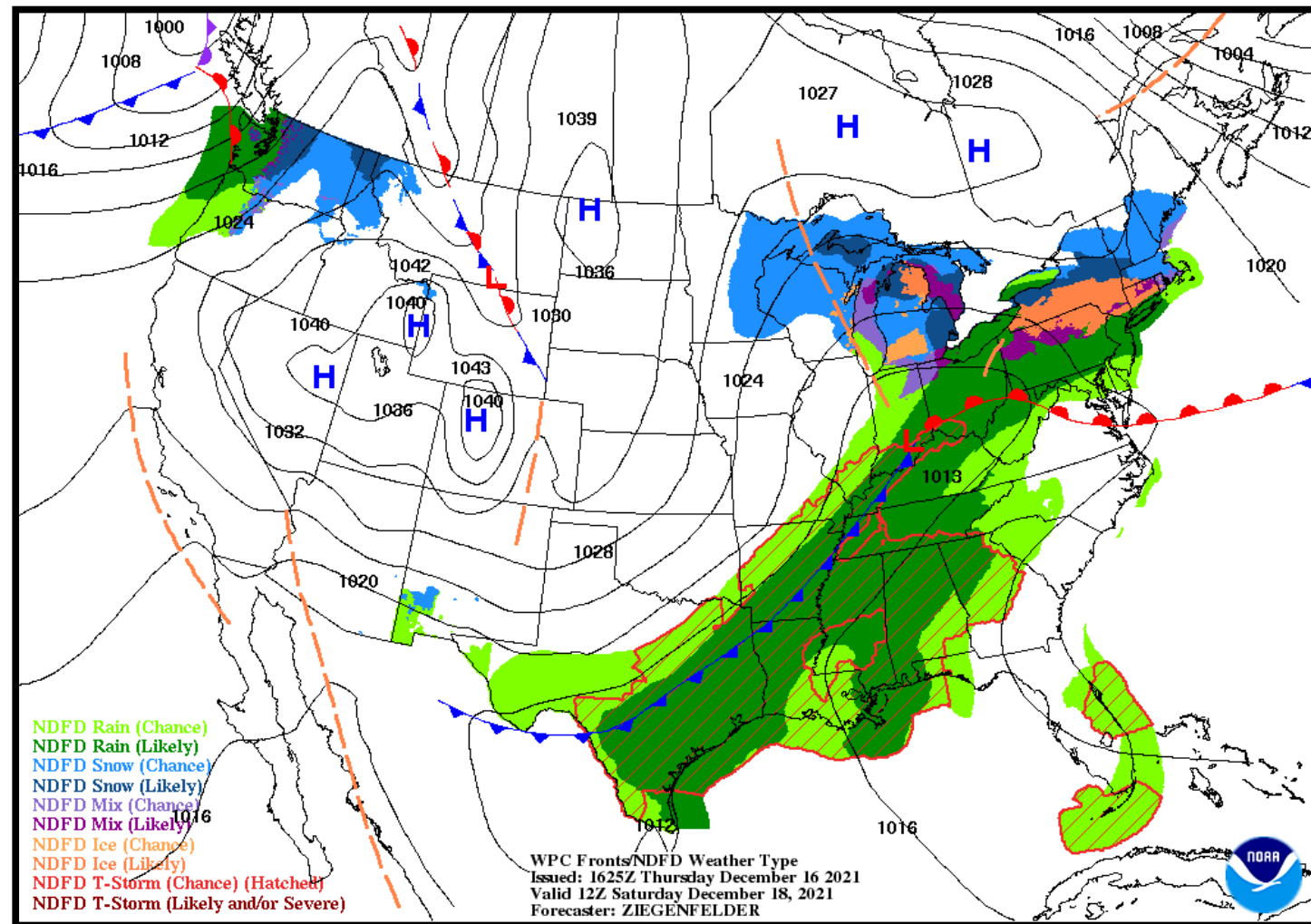
Low Temperature	65-68 F
High Temperature	78-81 F
Wind	SSE 5-15 mph
Rain Chances	10-15%
Weather Hazards	Thunderstorms





NWS LCH REGIONAL WEATHER

Low Temperature	63-67 F
High Temperature	69-78 F
Wind	S 5-10 mph
Rain Chances	80-90%
Weather Hazards	Thunderstorms

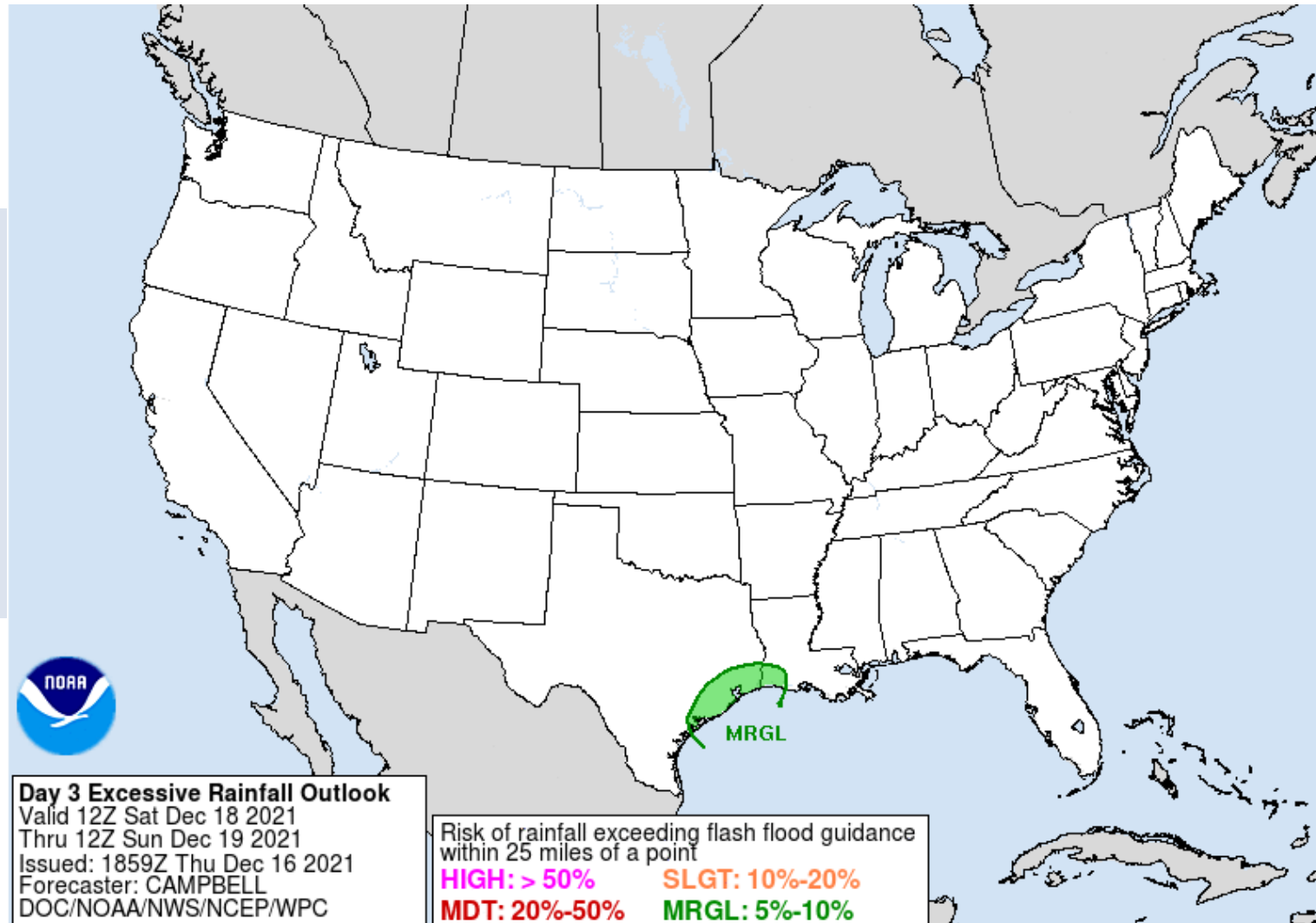


WPC Excessive Rainfall Outlook



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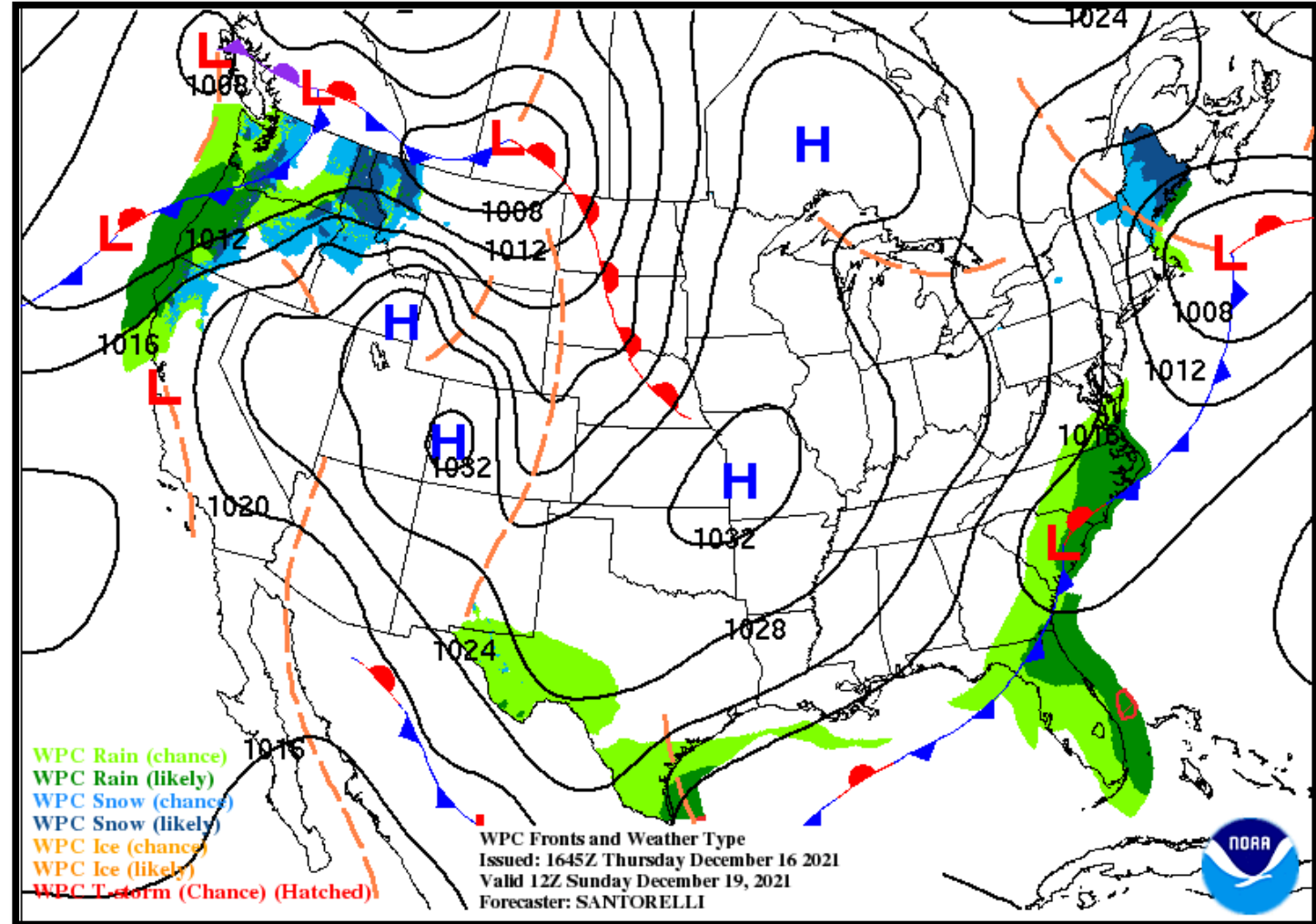
The Weather Prediction Center has part of our area in a Marginal Risk of Excessive Rainfall Saturday morning through Sunday morning.





NWS LCH REGIONAL WEATHER

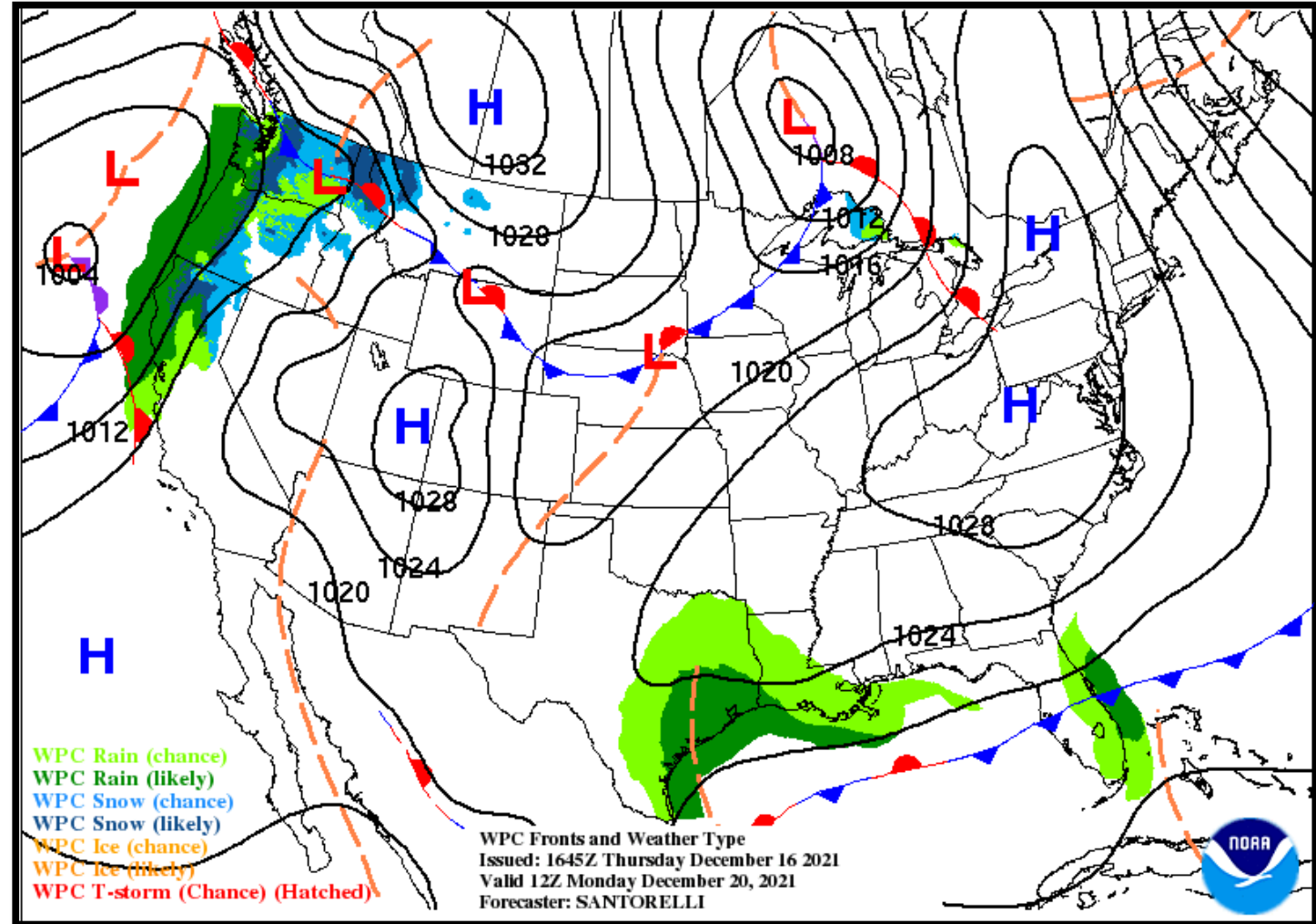
Low Temperature	41-49 F
High Temperature	53-59 F
Wind	NNE 10-15 mph
Rain Chances	10%
Weather Hazards	Showers





NWS LCH REGIONAL WEATHER

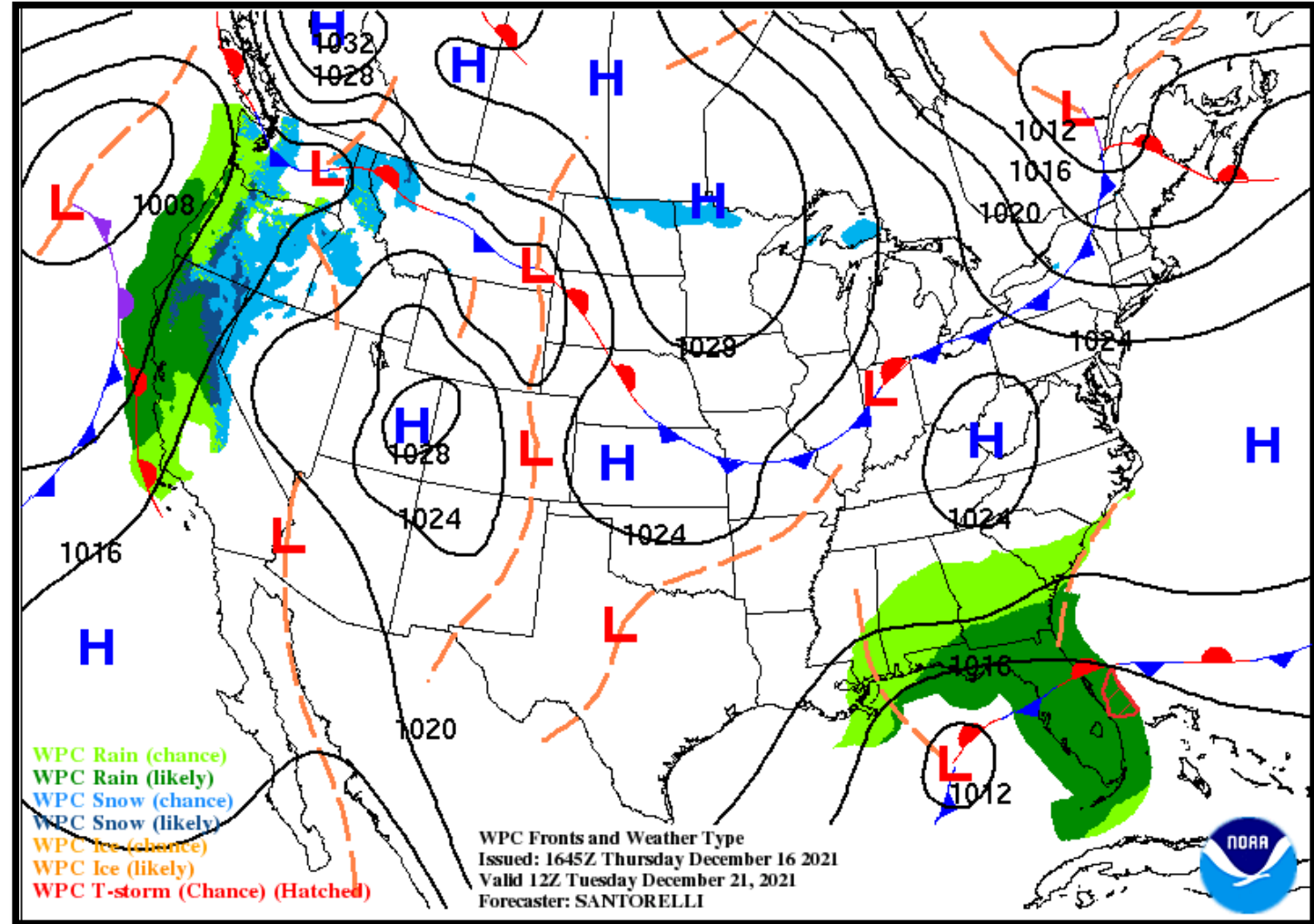
Low Temperature	36-43 F
High Temperature	51-59 F
Wind	NNE 5 mph
Rain Chances	45-60%
Weather Hazards	Rain





NWS LCH REGIONAL WEATHER

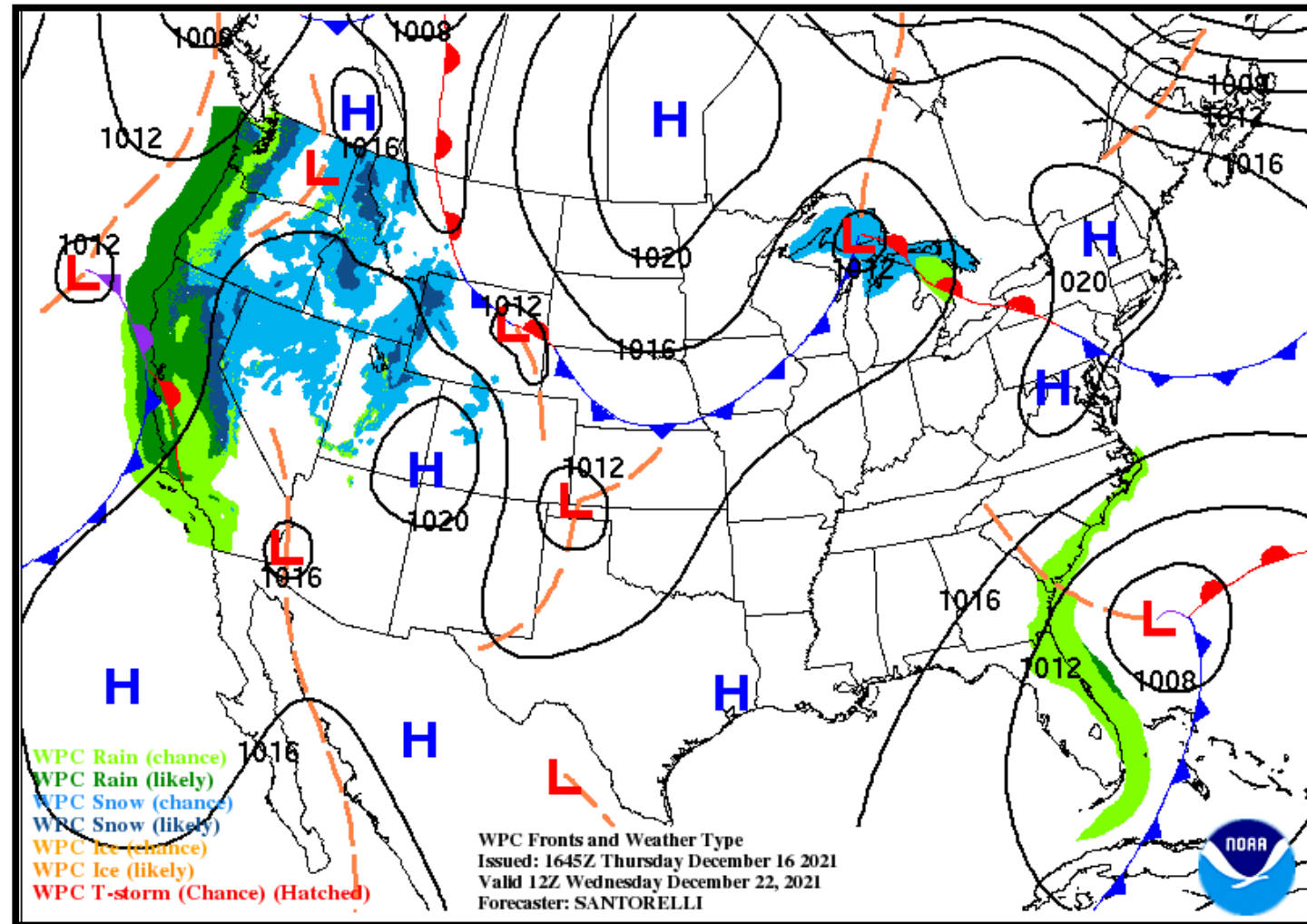
Low Temperature	38-44 F
High Temperature	59-62 F
Wind	N 5-10 mph
Rain Chances	<10%
Weather Hazards	None





NWS LCH REGIONAL WEATHER

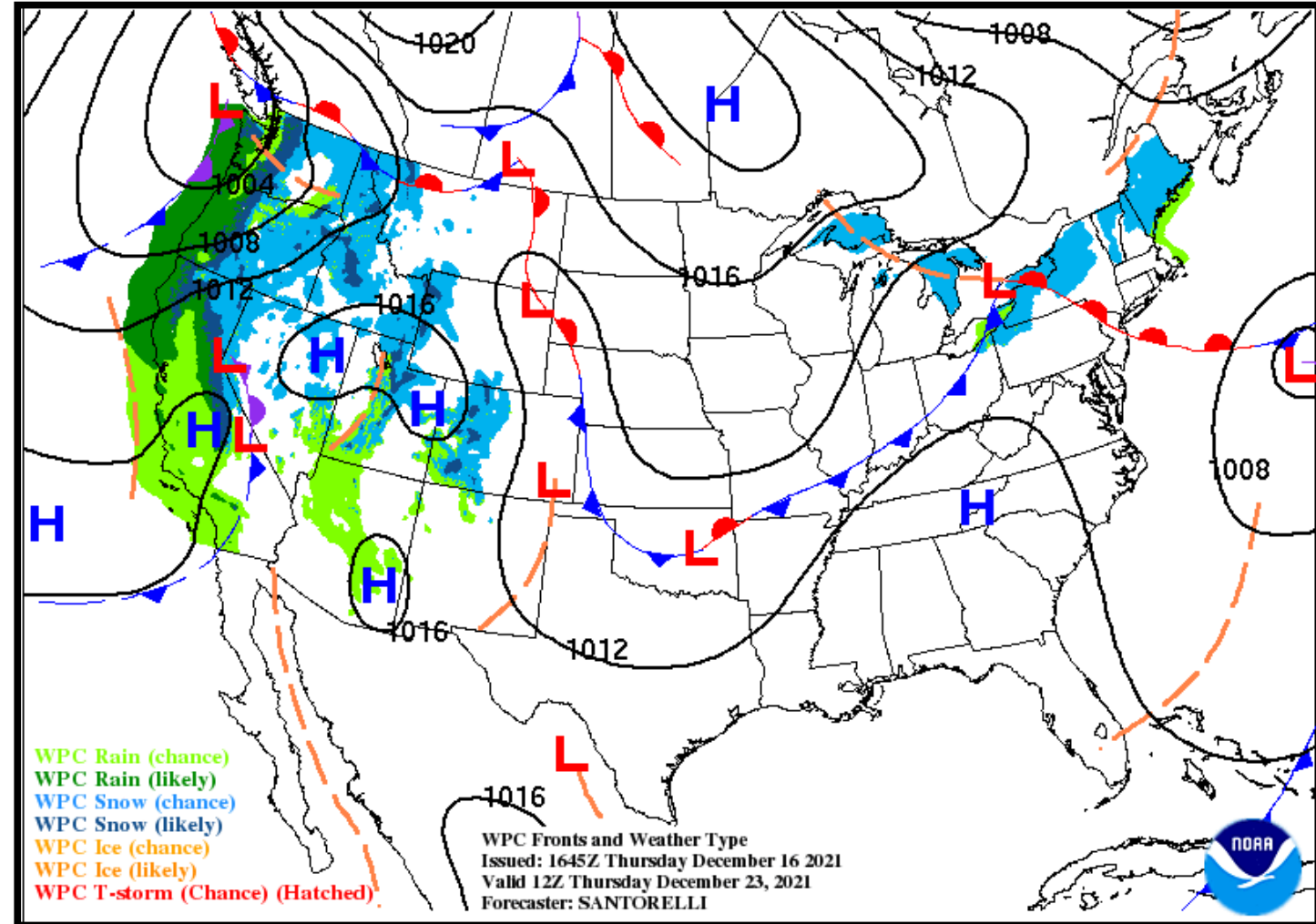
Low Temperature	37-44 F
High Temperature	64-67 F
Wind	S 0-5 mph
Rain Chances	<10%
Weather Hazards	None





NWS LCH REGIONAL WEATHER

Low Temperature	44-52 F
High Temperature	70-74 F
Wind	SW 5-10 mph
Rain Chances	<10%
Weather Hazards	None



Weekly Weather Summary Table



Lake Charles
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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 12/17/21	Saturday 12/18/21	Sunday 12/19/21	Monday 12/20/21	Tuesday 12/21/21	Wednesday 12/22/21	Thursday 12/23/21
Rain Total	0.10-0.25"	1.0-2.0"	<0.10"	0.25-0.50"	None	None	None
T-Storm/ Lightning	Isolated	Numerous					
Tornado/Hail/ Dmg Wind	None	None	None	None	None	None	None
Wind	SSE 5-15 mph	S 5-10 mph	NNE 10-15 mph	NNE 5 mph	N 5-10 mph	S 0-5 mph	SW 5-10 mph
Tides	Above Normal	Above Normal	Above Normal	Above Normal	Above Normal	Above Normal	Above Normal
Wave Height	Near: 1-3 ft Off: 3-4 ft	Near: 1-3 ft Off: 3-4 ft	Near: 1-4 ft Off: 5-6 ft	Near: 1-3 ft Off: 4-5 ft	Near: 1-3 ft Off: 3-4 ft	Near: 1-2 ft Off: 3-4 ft	Near: 1-3 ft Off: 3-4 ft
Temperature	Low: 65-68 F	Low: 63-67 F	Low: 41-49 F	Low: 36-43 F	Low: 38-44 F	Low: 37-44 F	Low: 44-52 F
Normal Low: 37-44 F Normal High: 60-64 F	High: 78-81 F	High: 69-78 F	High: 53-59 F	High: 51-59 F	High: 59-62 F	High: 64-67 F	High: 70-74 F



- Dense fog will be expected for southern areas tonight into Friday morning.
- A cold front will arrive Saturday with showers and thunderstorms. Marginal Risk of minor flooding.
- Much cooler weather expected post frontal.
- Possible overnight/morning fog next week.

