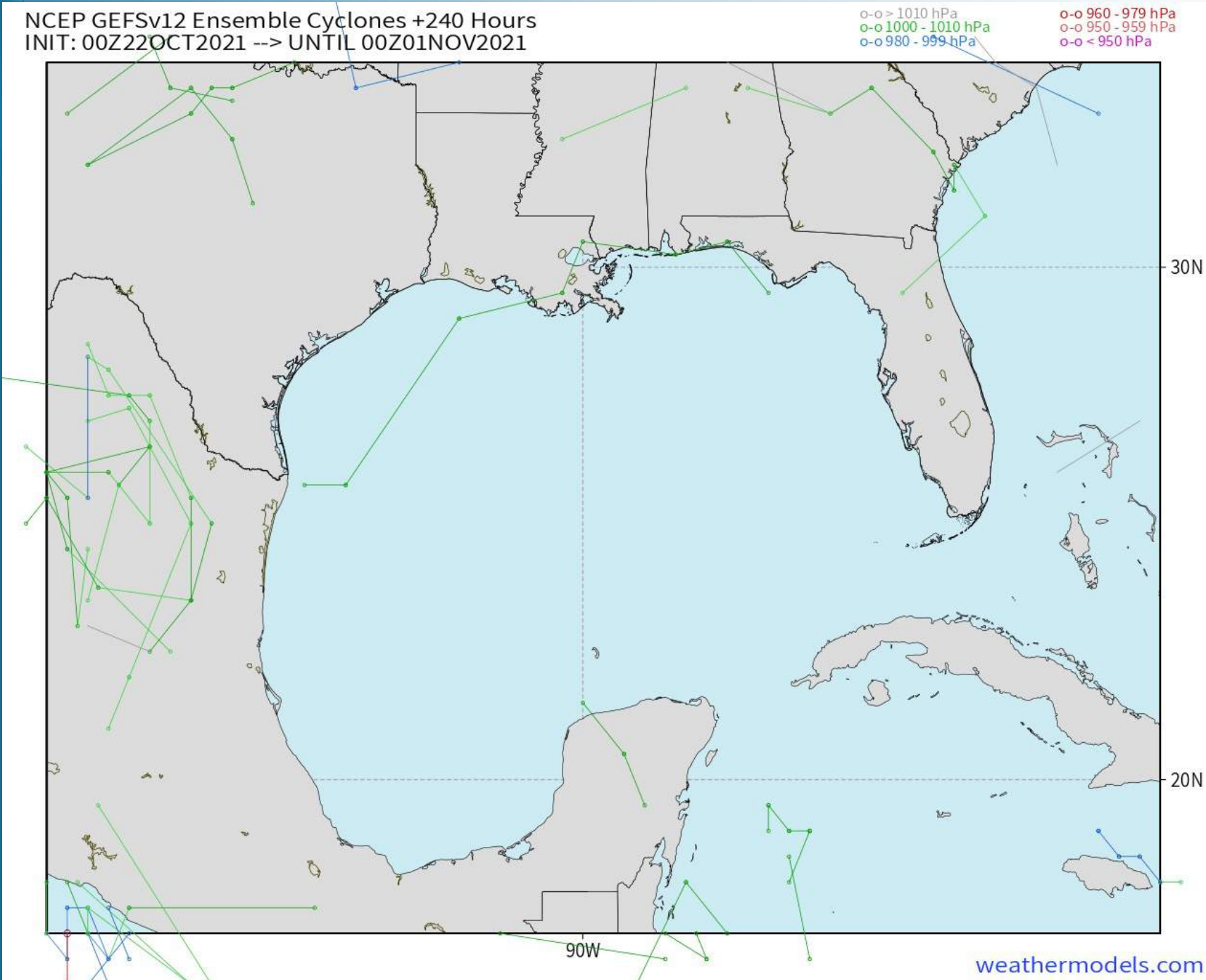


**Updated: 5:15 AM CT, Friday, October 22, 2021**

- **As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.**

# Tropical Update:

## GEFS Ensemble 10-days Tracks



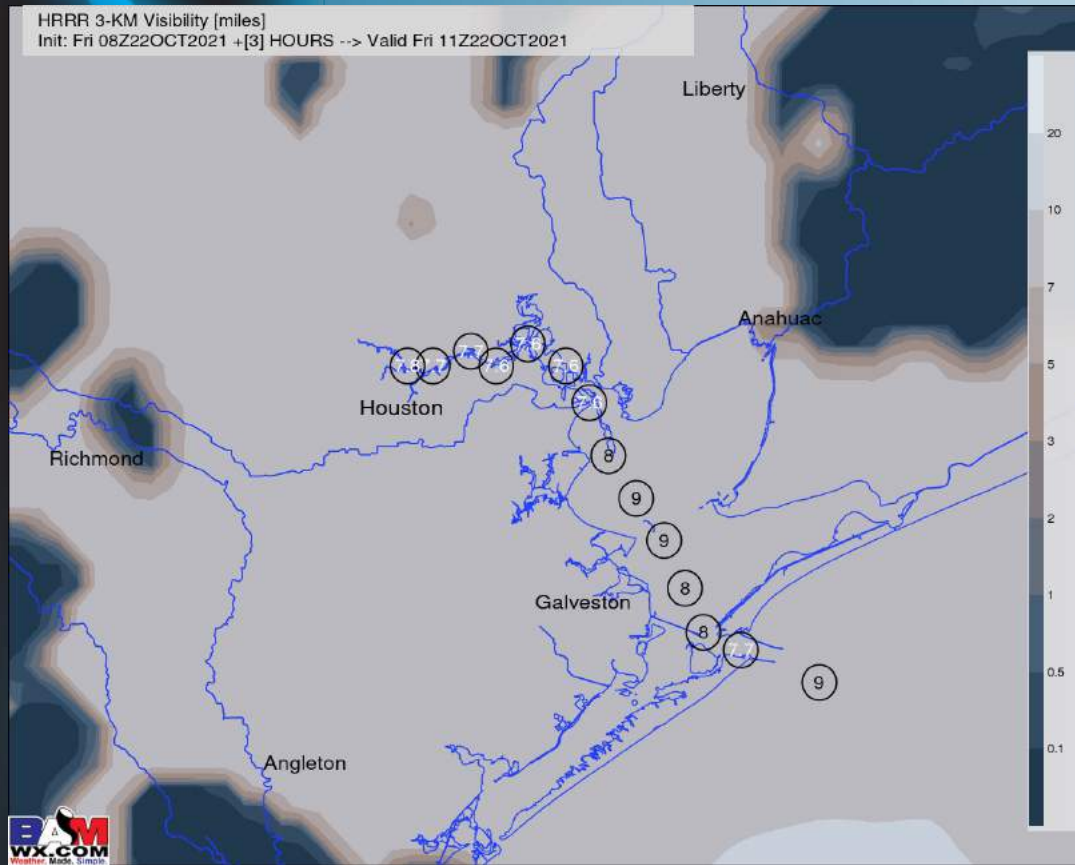
- We continue to favor the Gulf to remain quiet at least for the next 7-10 days.



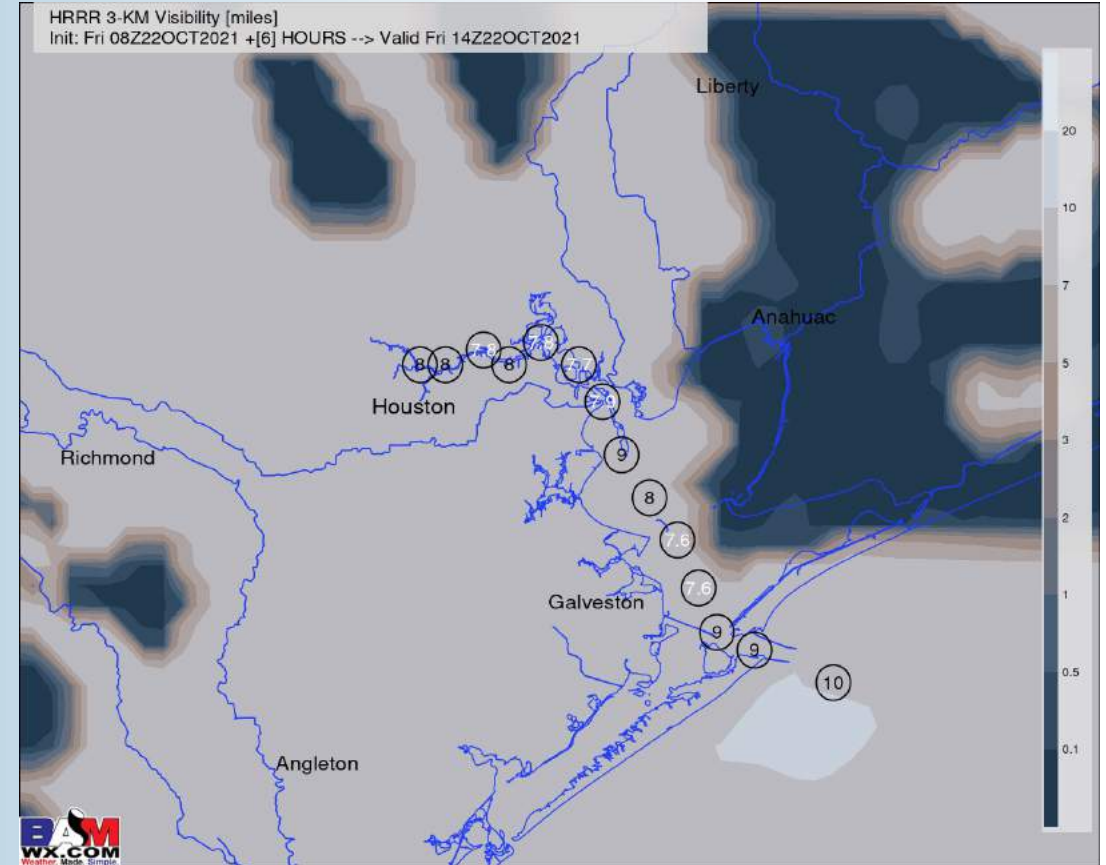
# Visibility Report

Friday, October 22, 2021

## VISIBILITY (FRI 6 AM HRRR)



## VISIBILITY (FRI 9 AM HRRR)



### CONFIDENCE

Below Normal

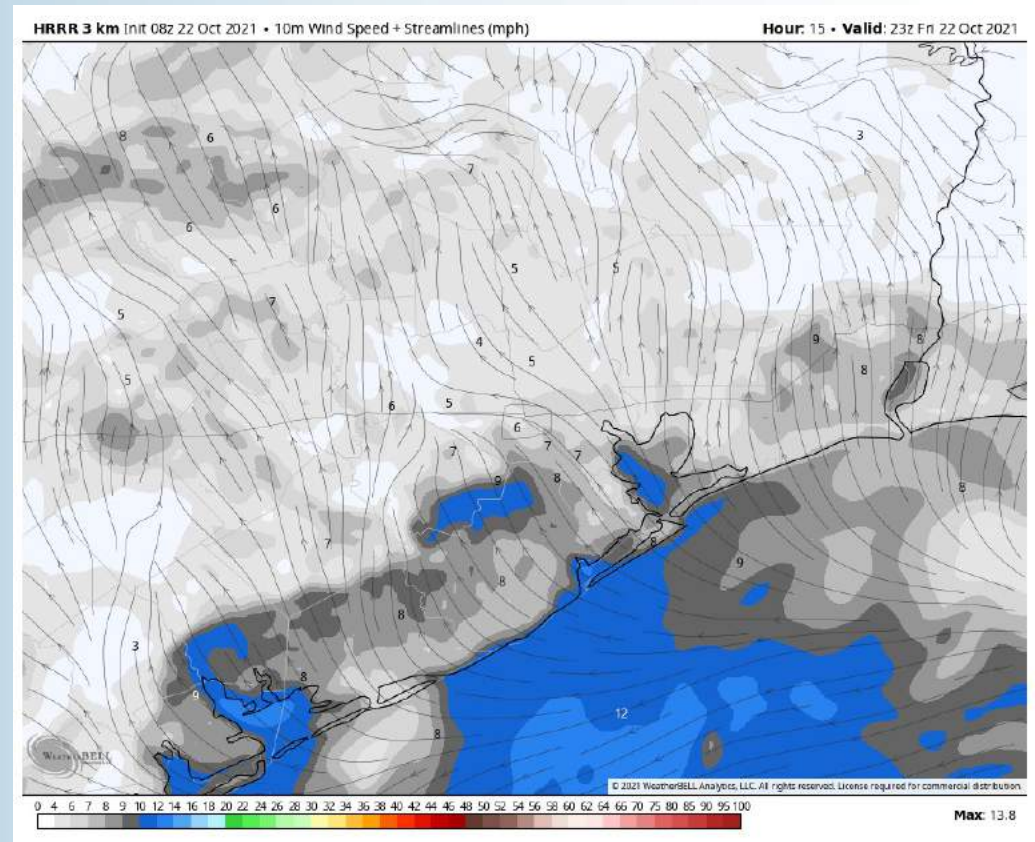
Above Normal

- **Both satellite and surface observations show that fog has struggled to materialize near our station locations – this is likely because a bit more of a northerly/ drier wind vs modeled. The Galveston station is currently reporting Relative Humidity values of 89% (need 100% for fog formation).**
- **Current thinking is that fog can largely avoid are stations this morning. 2 of the more reliable pieces of hi-res data (hrrr/ rap model) keep this threat away from our stations.**

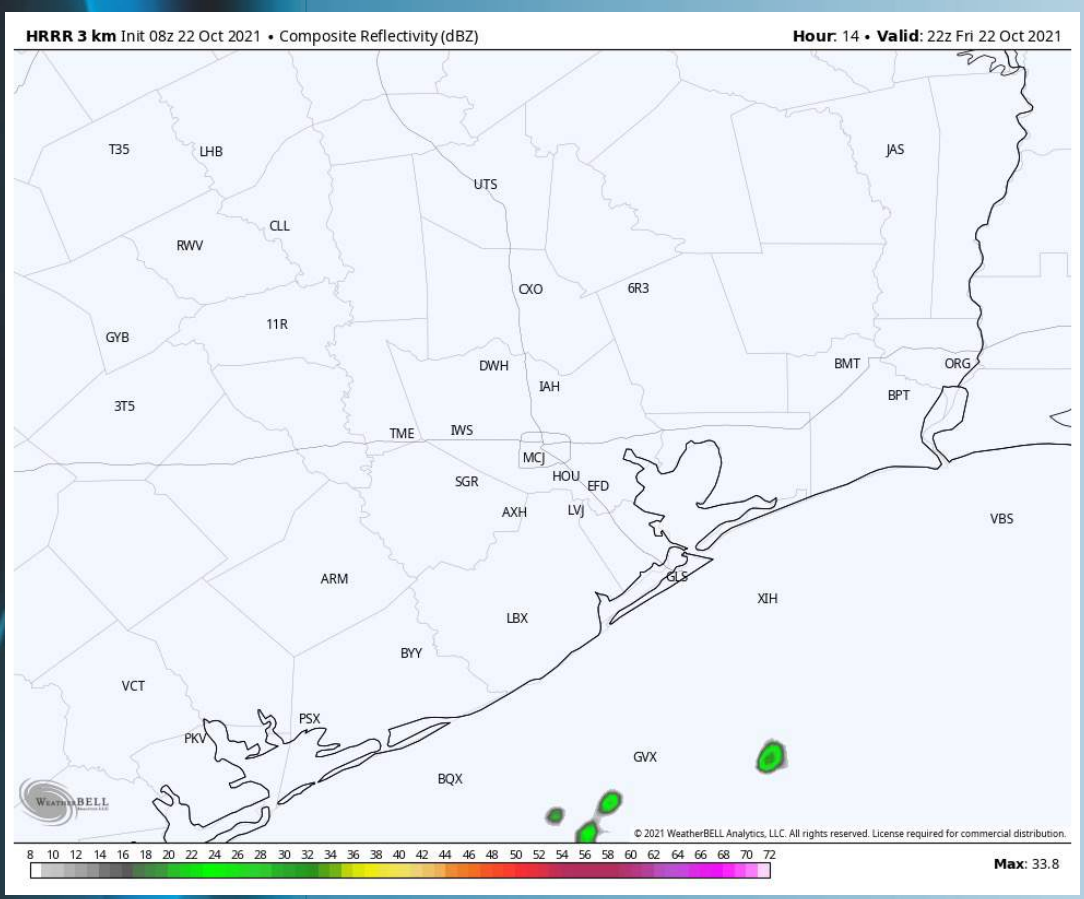
## Short-Term Forecast Discussion

- Data is not impressed with rain chances today – right now favoring today to be a dry day.
- Calm northerly winds this AM will start to shift more out of the SE into the afternoon. From about 1 PM and on, winds are anticipated to be out of the SE sustained around 5 – 10 MPH. Gusts up to 15 MPH can't be ruled out towards the boarding station.
- High temps Friday sit in the low to mid 80s.
- **Check slide above for more details on fog this am.**

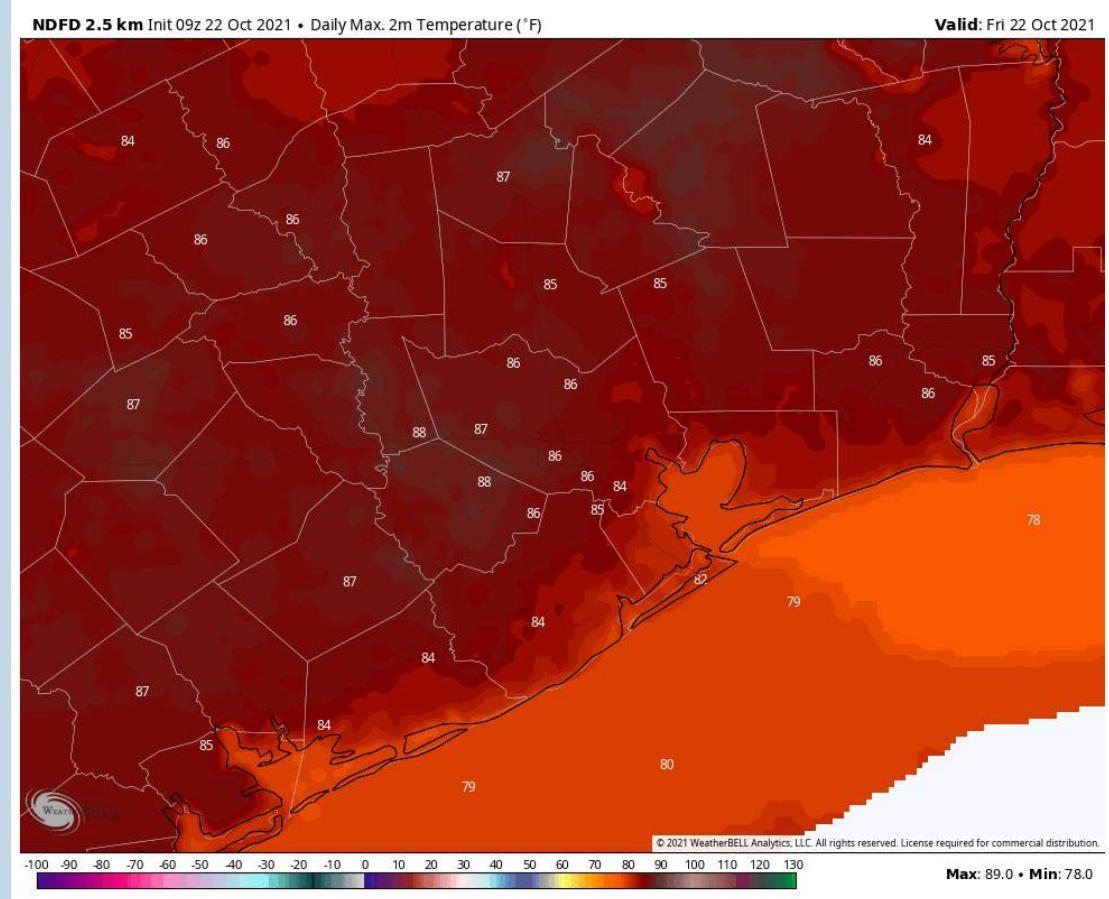
## Sustained Winds (6 PM CT)



## Simulated Radar Snapshot (2 PM CT)



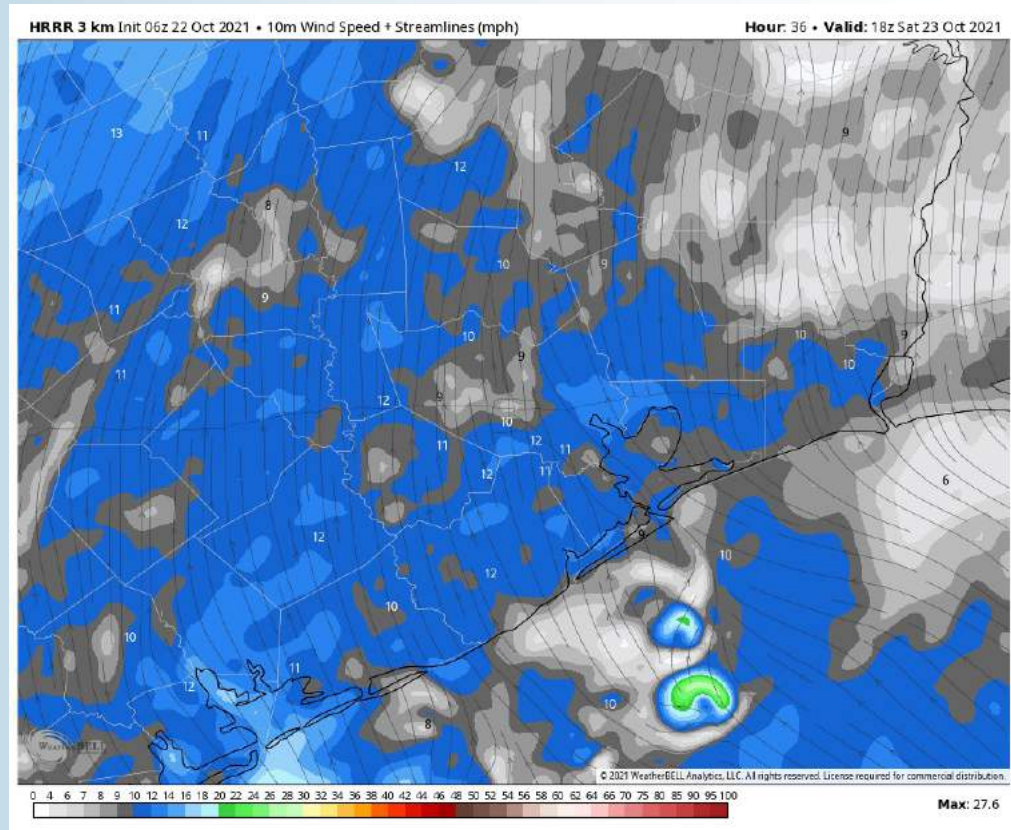
## High Temps Friday



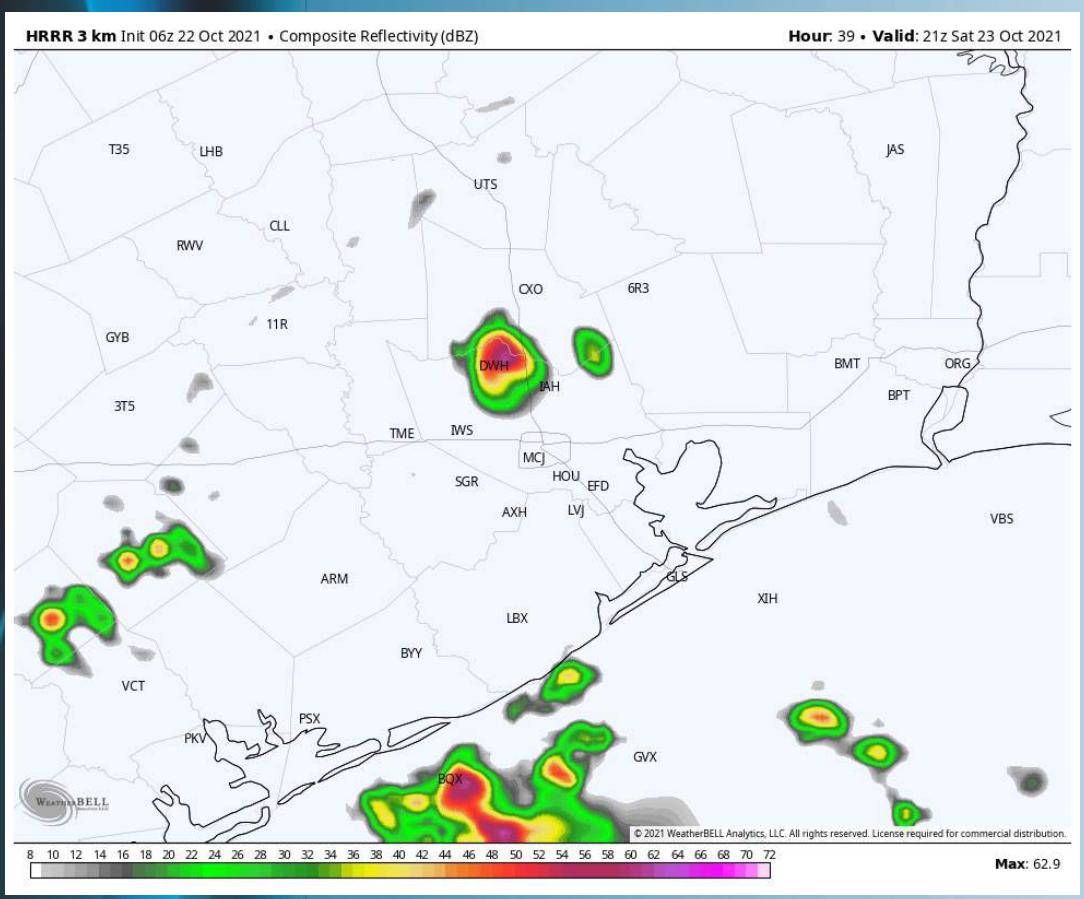
## Short-Term Forecast Discussion

- Another day of 20-30% chances for a few spotty afternoon showers/ storms looks possible for Saturday. Plenty of dry time throughout the day is still favored even with these chances. A localized heavier downpour cannot be ruled out.
- Winds Saturday looks to stay consistently out of the SE at 8-13 MPH with a few gusts to 15- 20 MPH.
- Saturday is looking to be another day with highs in the low to mid 80s.
- **Not favoring fog for Sat morning at the moment – best potential should be north of the stations.**

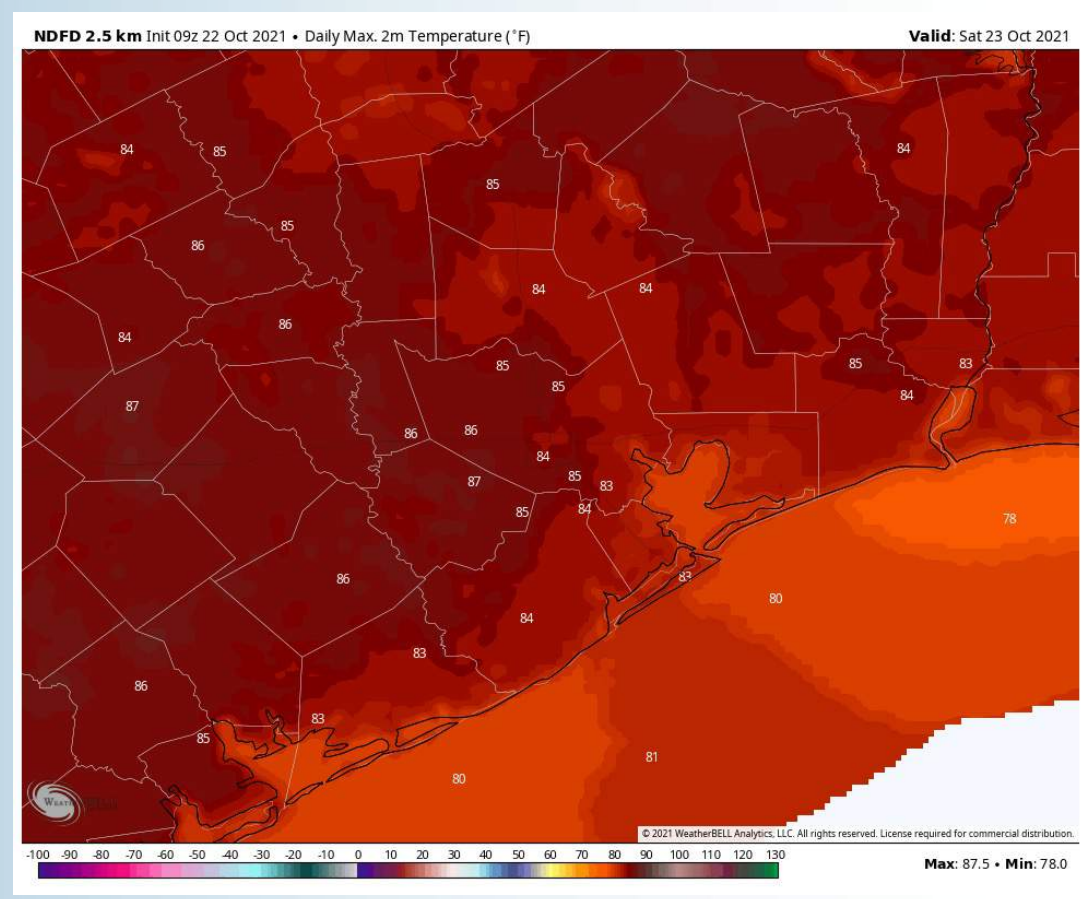
## Sustained Winds (1 PM CT)



## Simulated Radar Snapshot (4 PM CT)



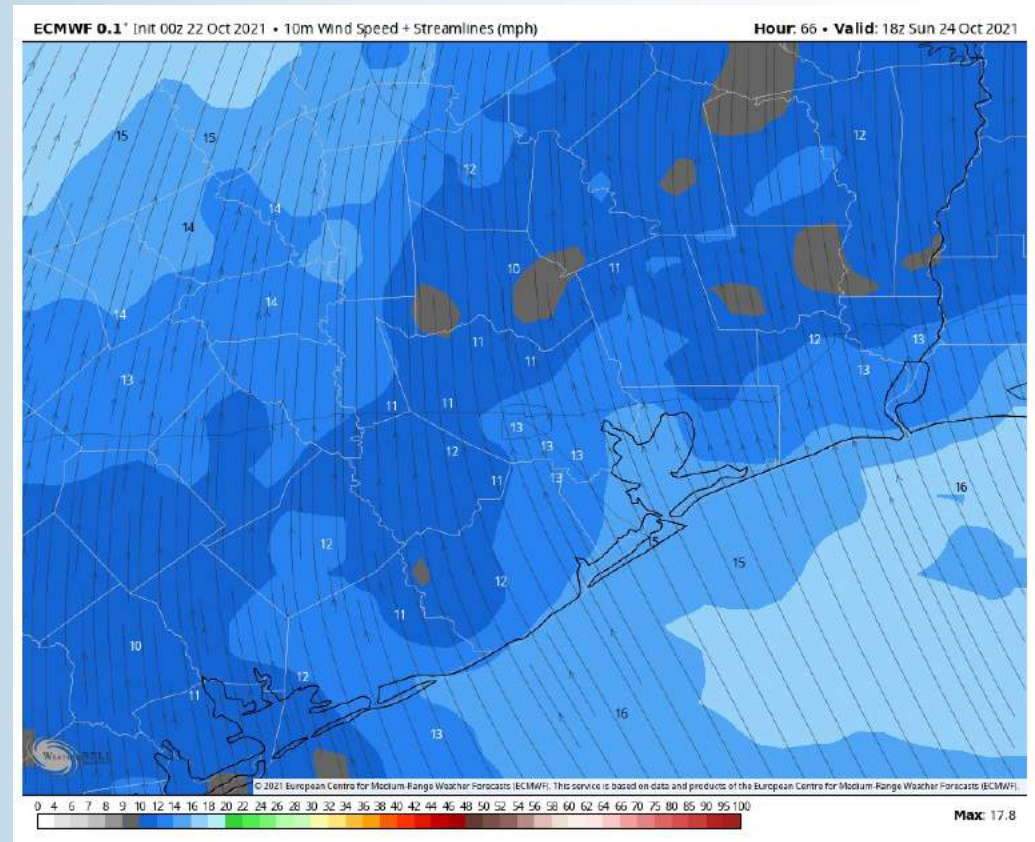
## High Temps Saturday



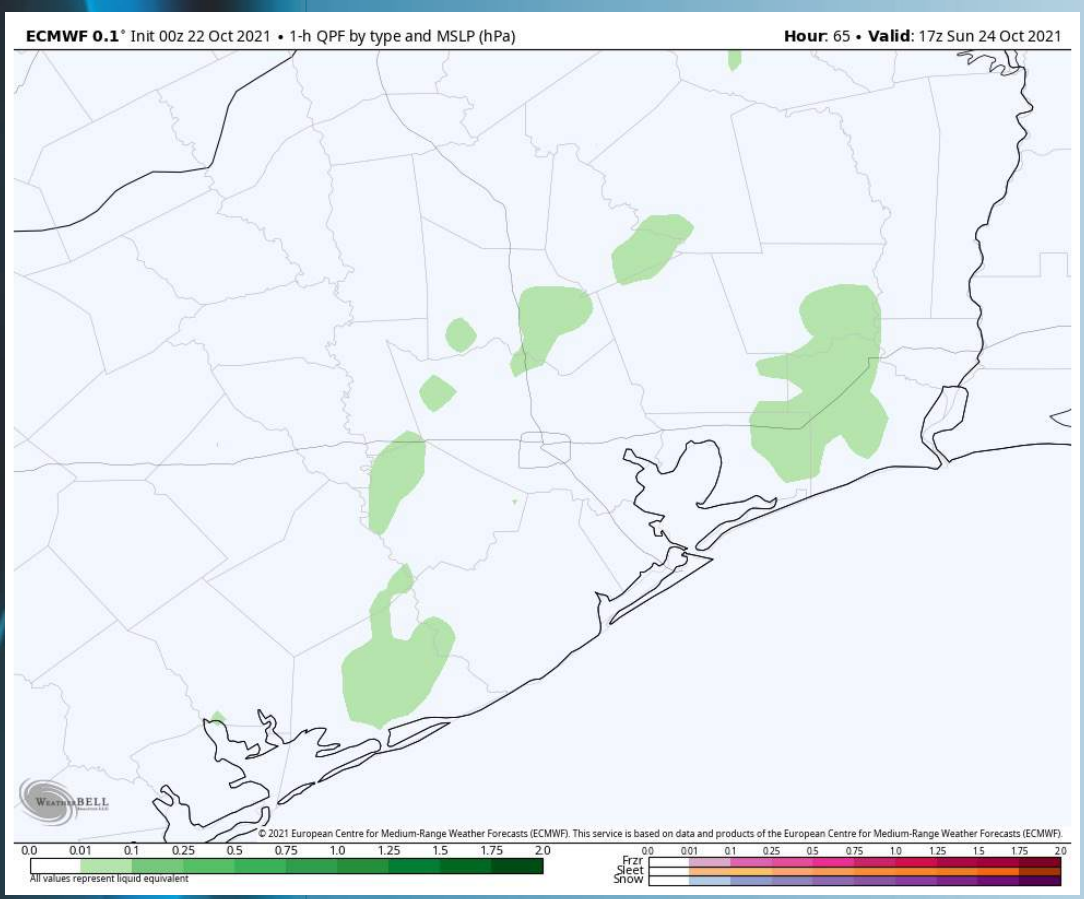
## Short-Term Forecast Discussion

- A few scattered showers will be possible in the afternoon hours of Sunday (~20%). Once again, think there can be plenty of drier hours.
- Winds are anticipated to be out of the SSE throughout the day Sunday sustained around 8 – 13 MPH with gust near 20 MPH.
- High Temps look to get into the low-to-mid 80's F
  - **Not expecting fog Sunday.**

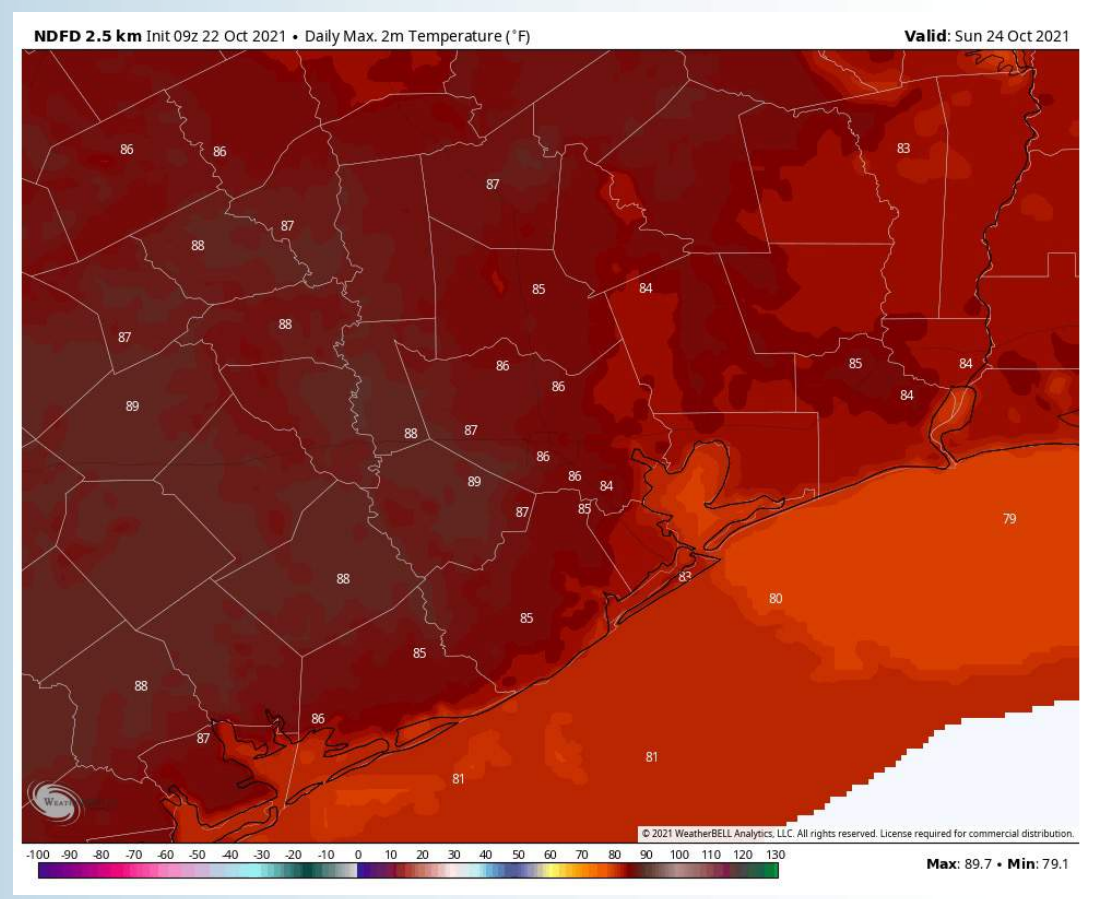
## Sustained Winds (1 PM CT)



## Simulated Radar Snapshot (1 PM CT)



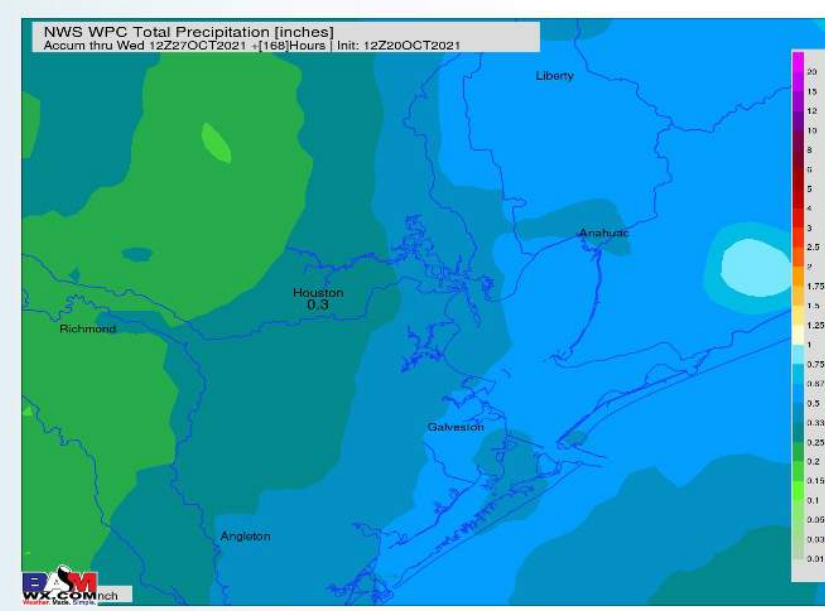
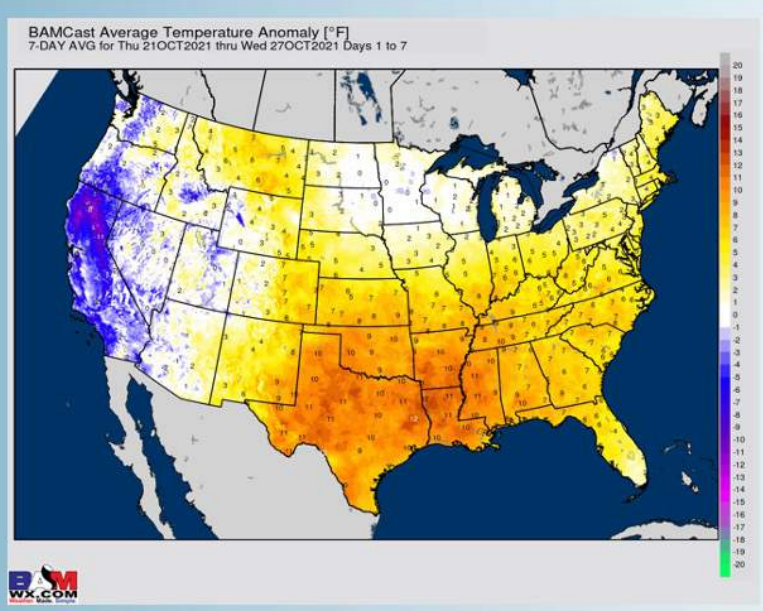
## Low Temps This Evening



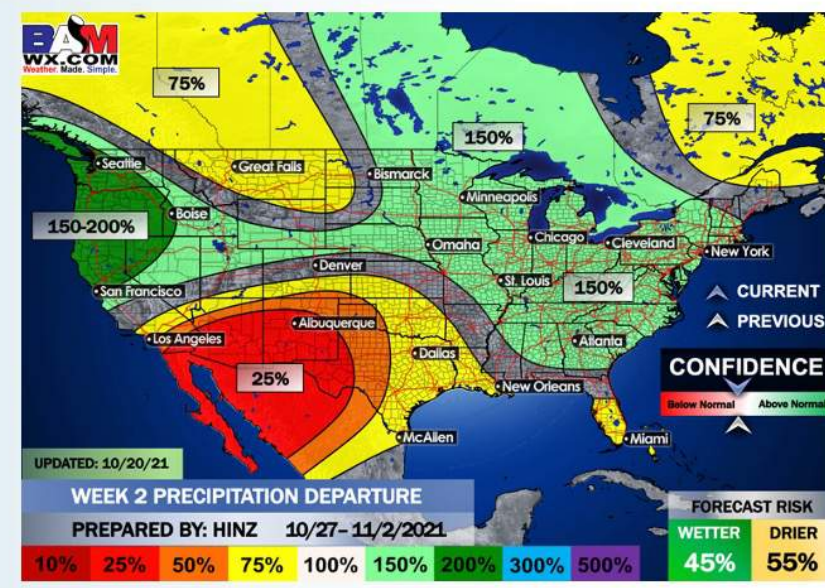
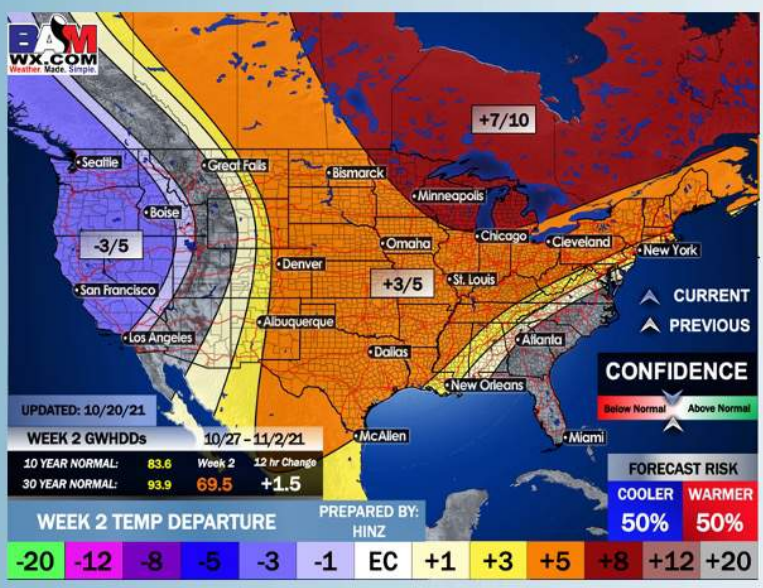
## Long-Range Forecast Discussion

- Temps look to be much above average this week. A few hit and miss chances will be possible into the weekend/early next week. Will need to keep an eye on a tropical disturbance in the eastern Pacific that \*could bring in heavier rainfall risks into early next week. Not favoring that idea at the moment. Note that this will not be a tropical storm for HOU, but the added moisture in the atmosphere would lead to heavier amounts than the image in the top-right.
  
- The week 2 timeframe is expected to have above average temps with slightly below average risks for precip. Not eyeing a specific threat for a tropical storm or hurricane at this distance.
  
- Right now, we have risks for about average temps and slightly below average precip for the first half of November. Tropical risks are on the lower side, but not a threat that should be 100% eliminated.

## Week 1 Forecast



## Week 2 Forecast



## Weeks 3/4 Forecast

