

**Updated: 1:00 PM CT, Sunday, August 22, 2021**

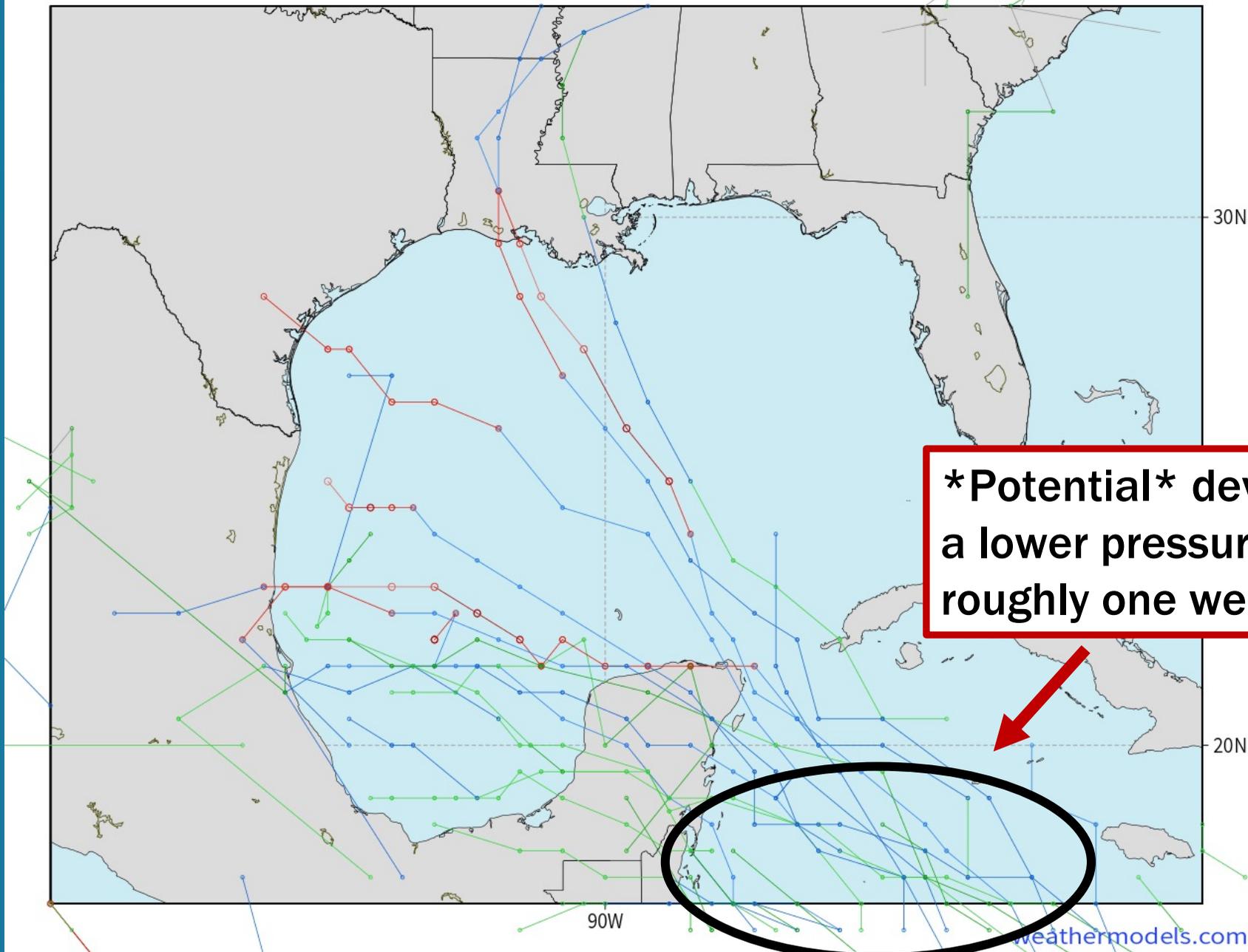
- **As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.**

# Tropical Update:

## American Model (GEFS) Tracks

NCEP GEFSv12 Ensemble Cyclones +240 Hours  
INIT: 00Z22AUG2021 --> UNTIL 00Z01SEP2021

o-o > 1010 hPa  
o-o 1000 - 1010 hPa  
o-o 980 - 999 hPa  
o-o 960 - 979 hPa  
o-o 950 - 959 hPa  
o-o < 950 hPa



**\*Potential\* development of a lower pressure system in roughly one week from now.**

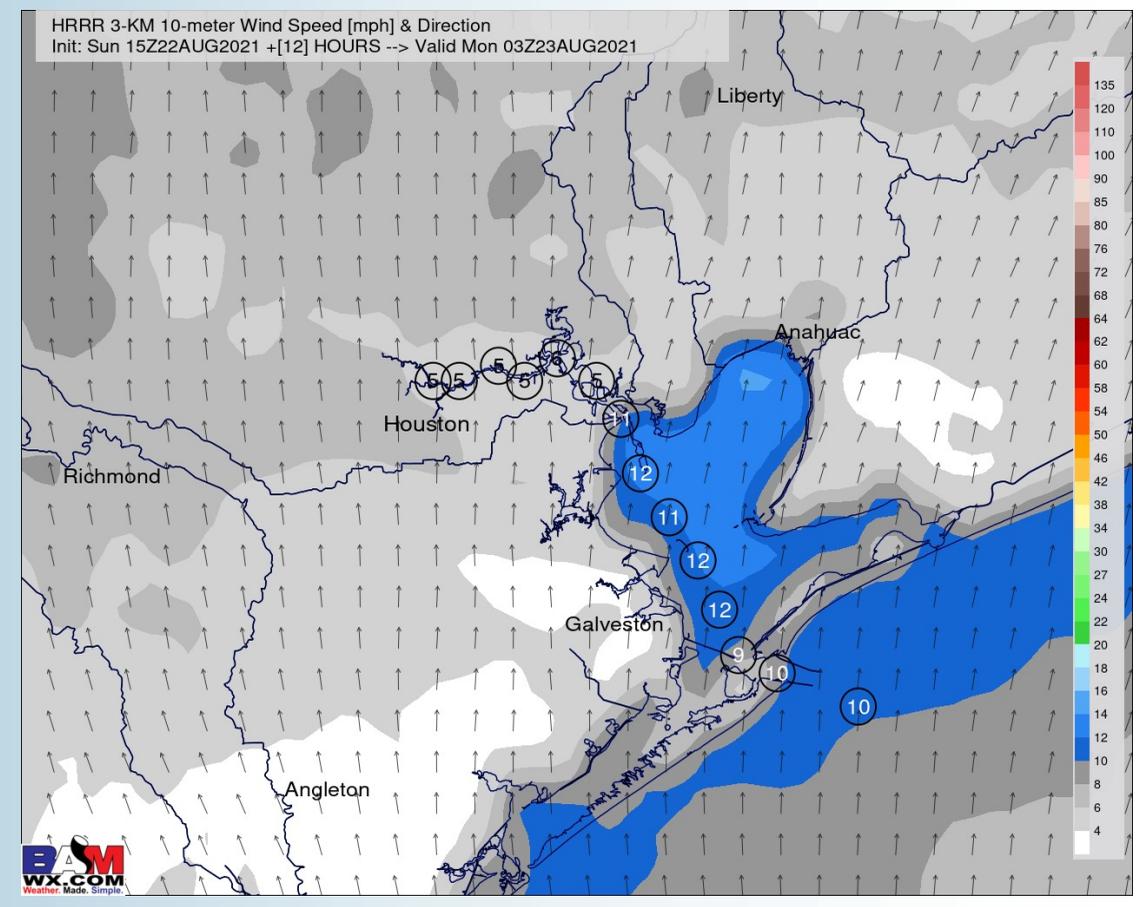
The Gulf tropical activity will remain inactive over the next several days as Henri impacts the Northeast US. While there is certainly no immediate threat, we are keeping an eye on the *\*potential\** of a tropical wave to develop near the Yucatan Peninsula ~6-8 days from now. There are far more questions than answers at this point and there are several pieces of data that have nothing developing, but it is at least something to monitor. Any development of a wave likely happens in the August ~27-29 window.



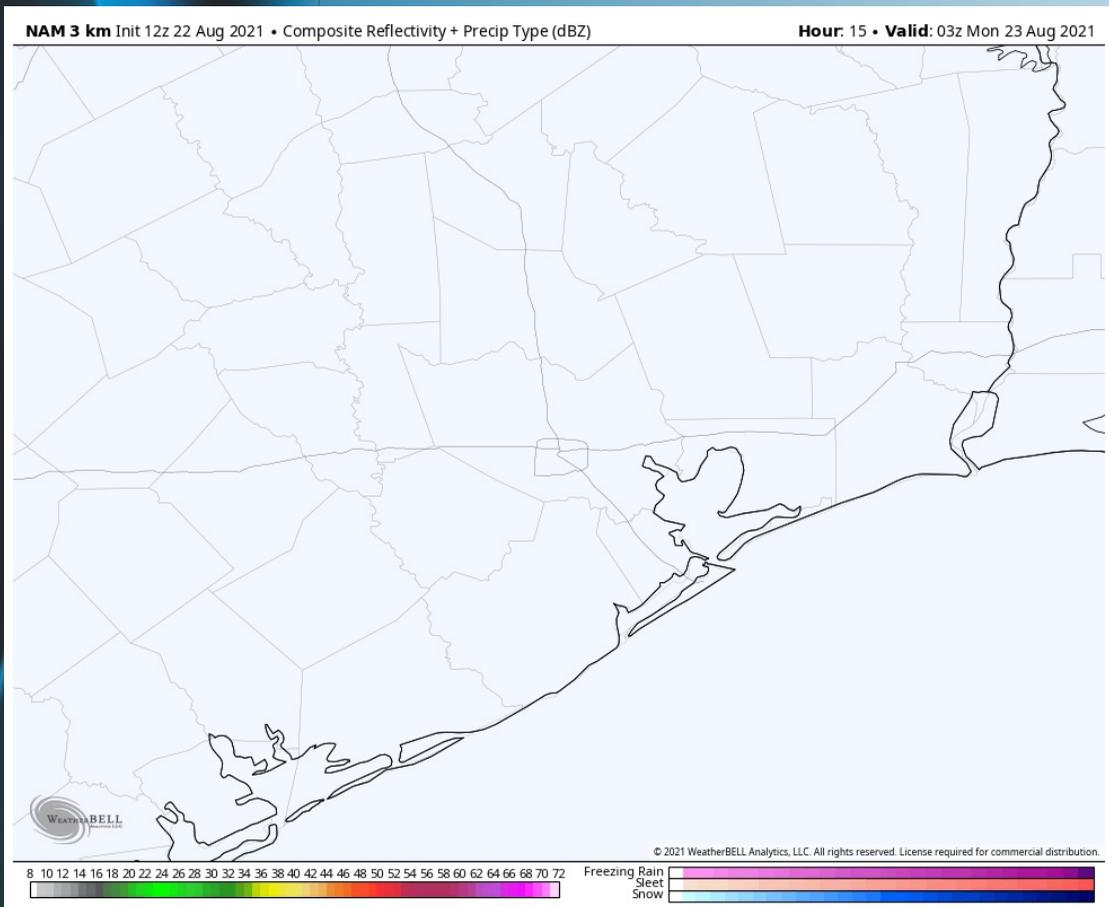
## Short-Term Forecast Discussion

- Favoring a dry rest of the day today. Will continue to hold a ~10% for an iso pop up out through sundown, but really think this is a non threat.
- Winds the rest of today will be coming out of the S at 8-13 MPH with gusts to 15 MPH near the boarding station.
- Low temps fall back into the low to mid 80s tonight for our stations. Upper 70s favored further inland.
- *Not favoring fog for tonight/overnight.*

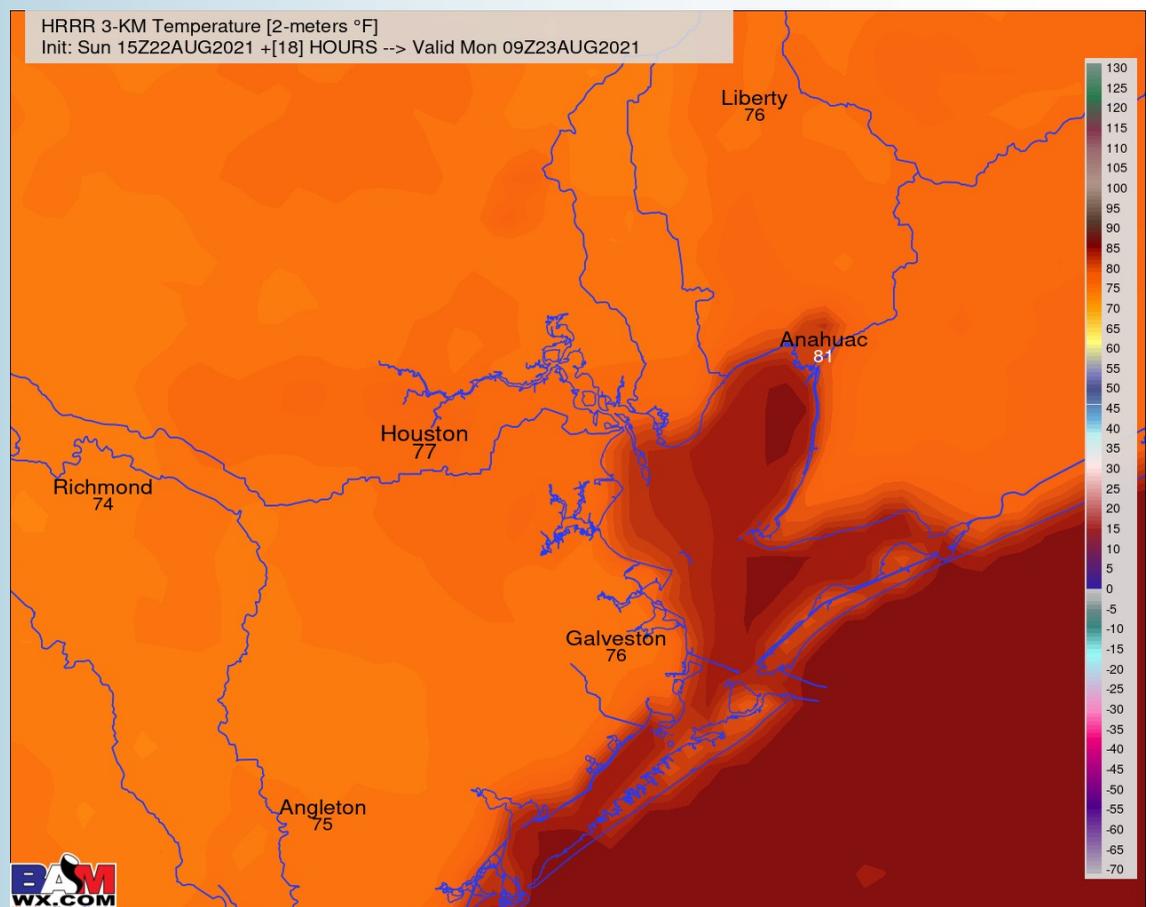
## Wind Speeds (10 PM CT)



## Simulated Radar Snapshot (9 PM CT)



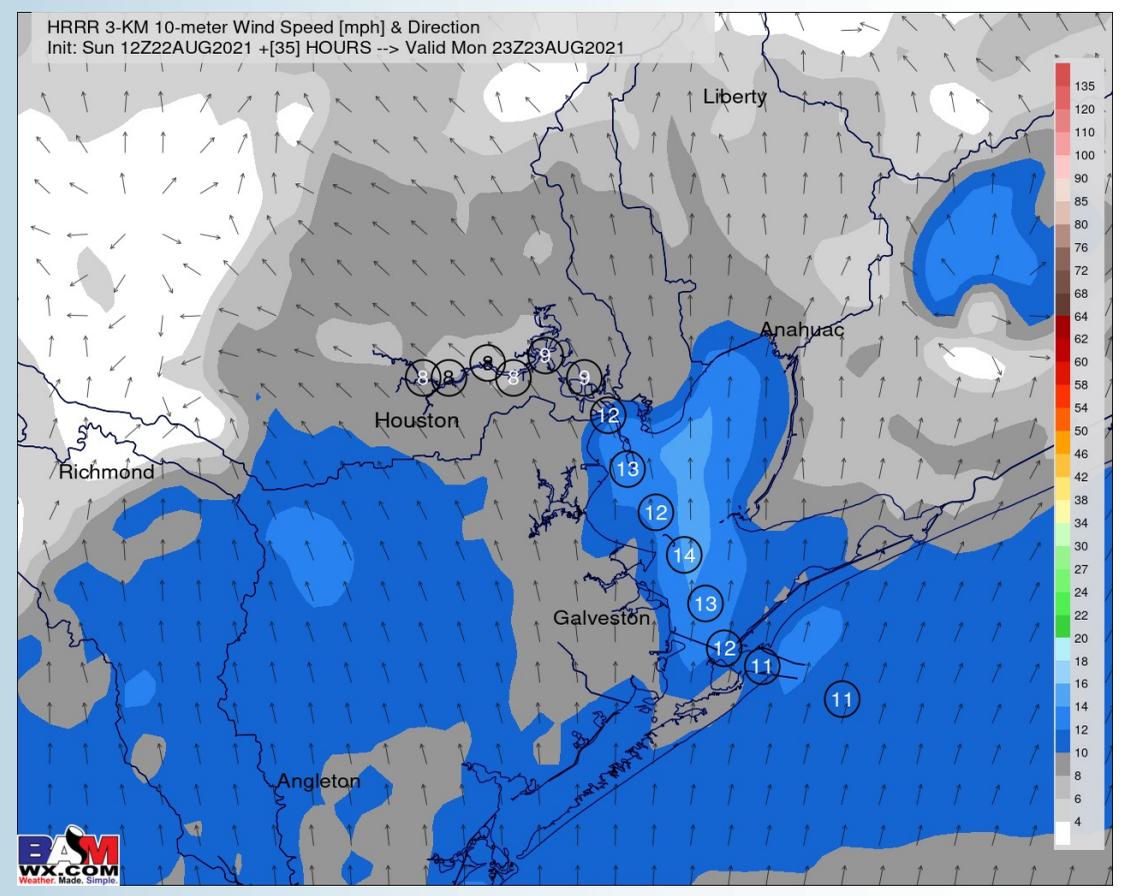
## Low Temps This Evening



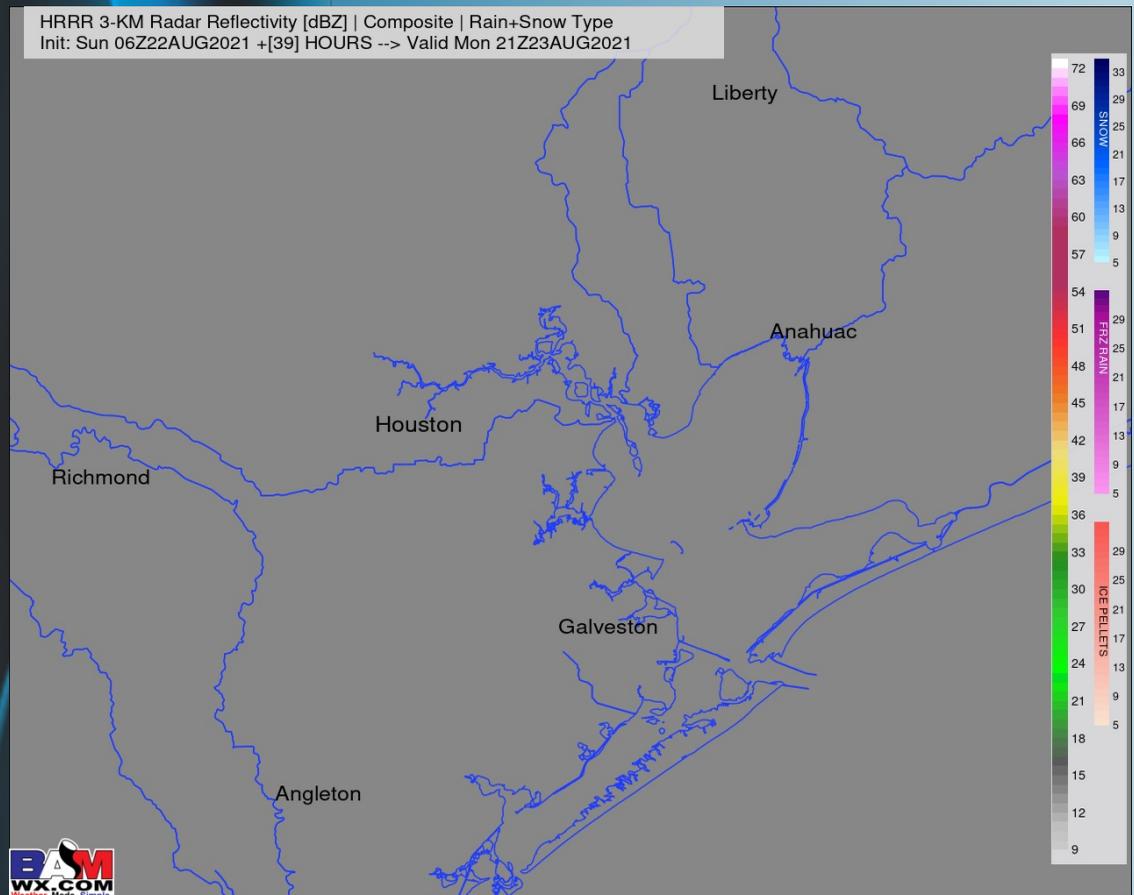
## Short-Term Forecast Discussion

- Monday is anticipated to be dry across the area.
- Winds near daybreak turn a bit more out of the WNW as higher pressure moves overhead. Winds Monday AM are likely a bit variable given the high pressure moving through the area and generally lighter (5-10 MPH). Come mid afternoon, winds pick up a bit to 8-13 MPH sustained and will be coming out of the SSE.
- Temps once again will be in the lower to mid 90s with feels like temps topping out in the mid to upper 100s.
  - *No fog is expected Monday.*

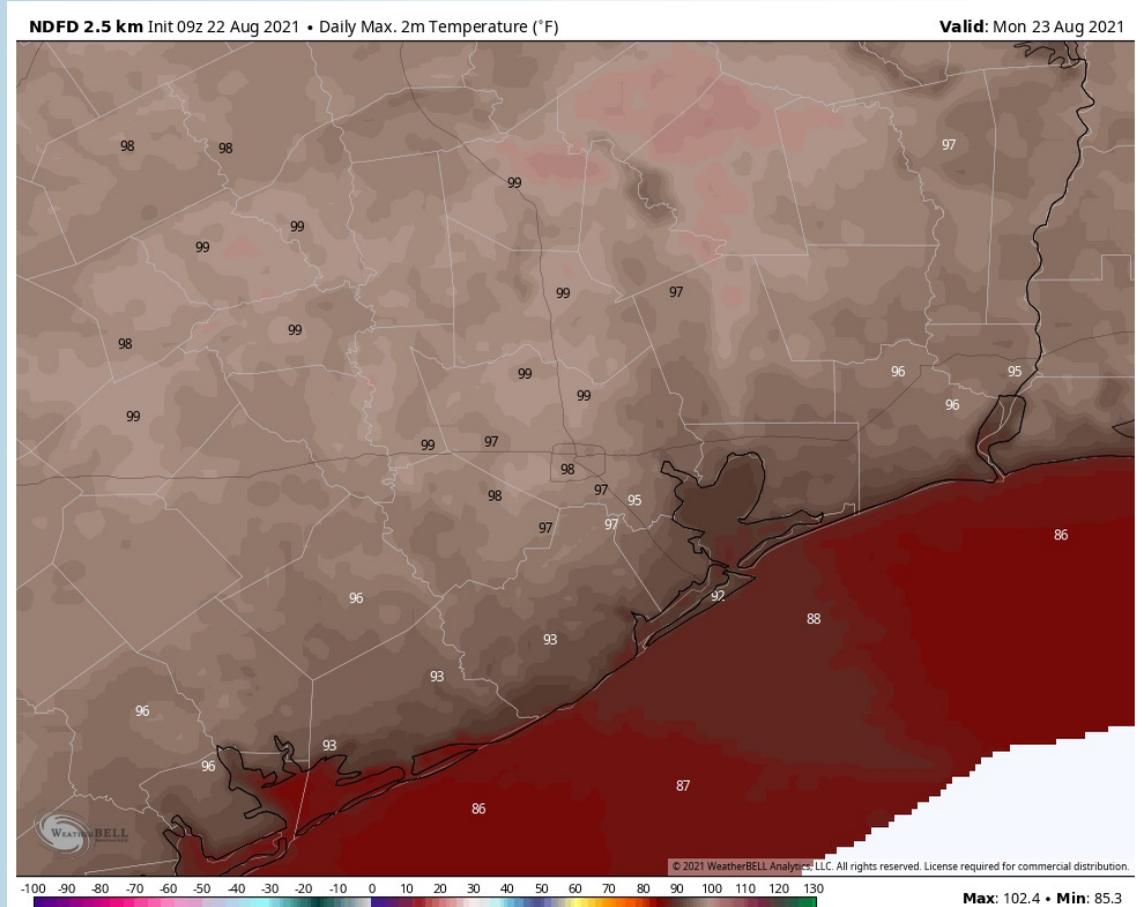
## Wind Speeds (6 PM CT)



## Simulated Radar Snapshot (4 PM CT)



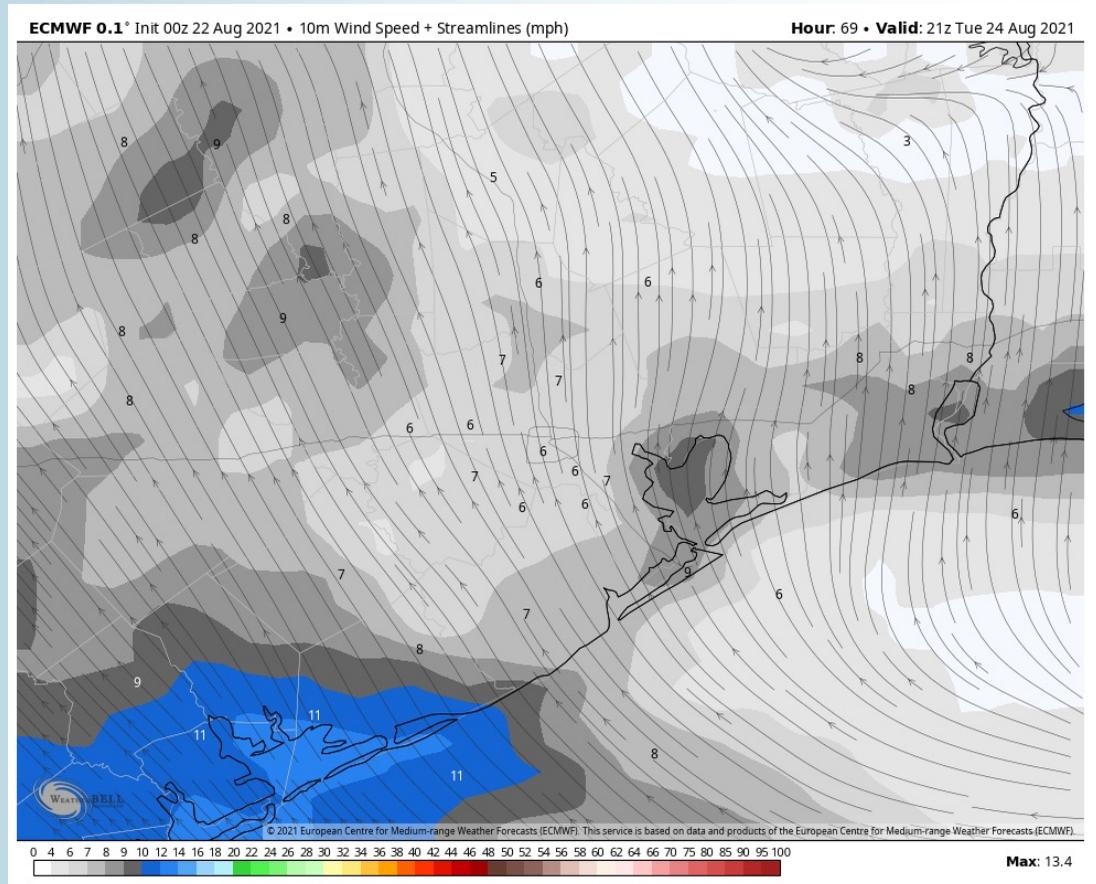
## High Temps Monday



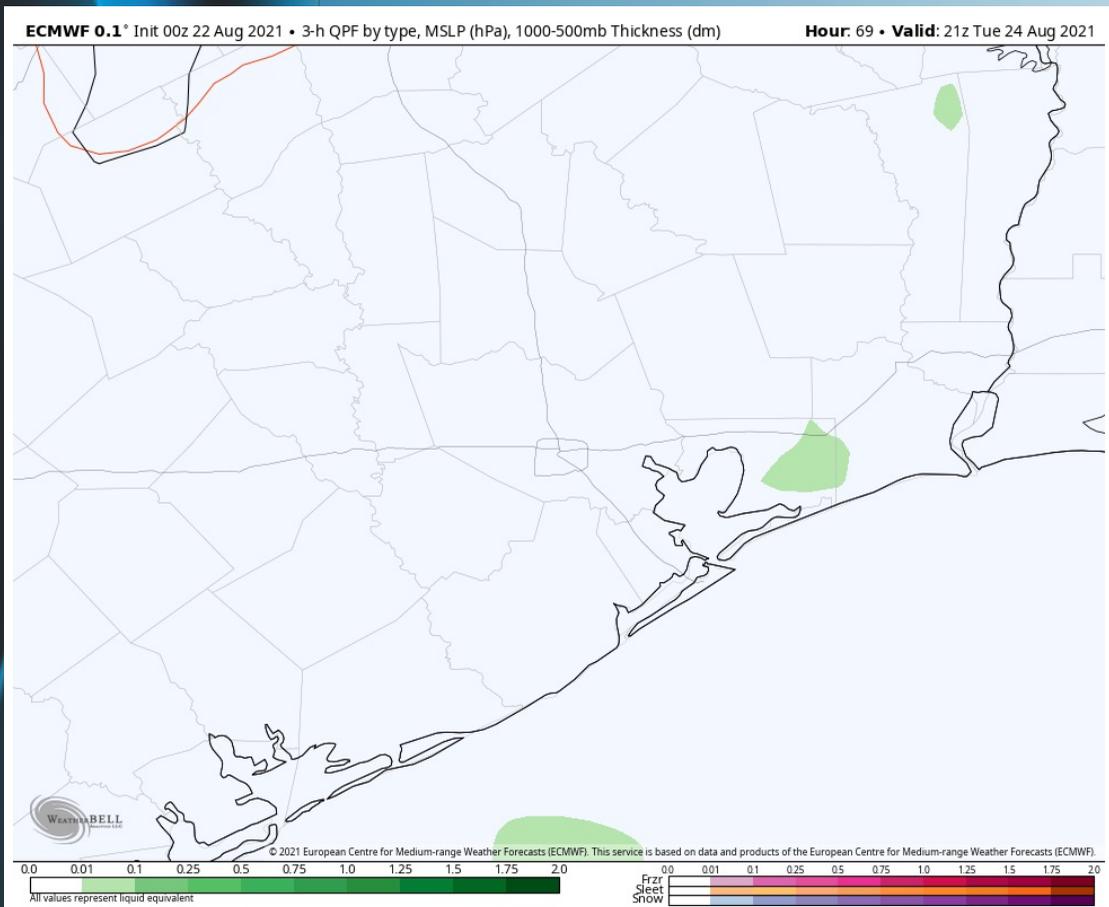
## Short-Term Forecast Discussion

- Overwhelming majority of the day on Tuesday will be dry, however a ~10% chance of a PM pop-up needs to be mentioned. Coverage would be isolated.
- Tuesday's winds will start out light and variable before turning more Southerly into the afternoon hours at 5-10 MPH.
- Highs on Tuesday will be pretty similar, highs topping out in the mid to upper 90s and the apparent temp around ~105F.
- *Not anticipating fog for Tuesday.*

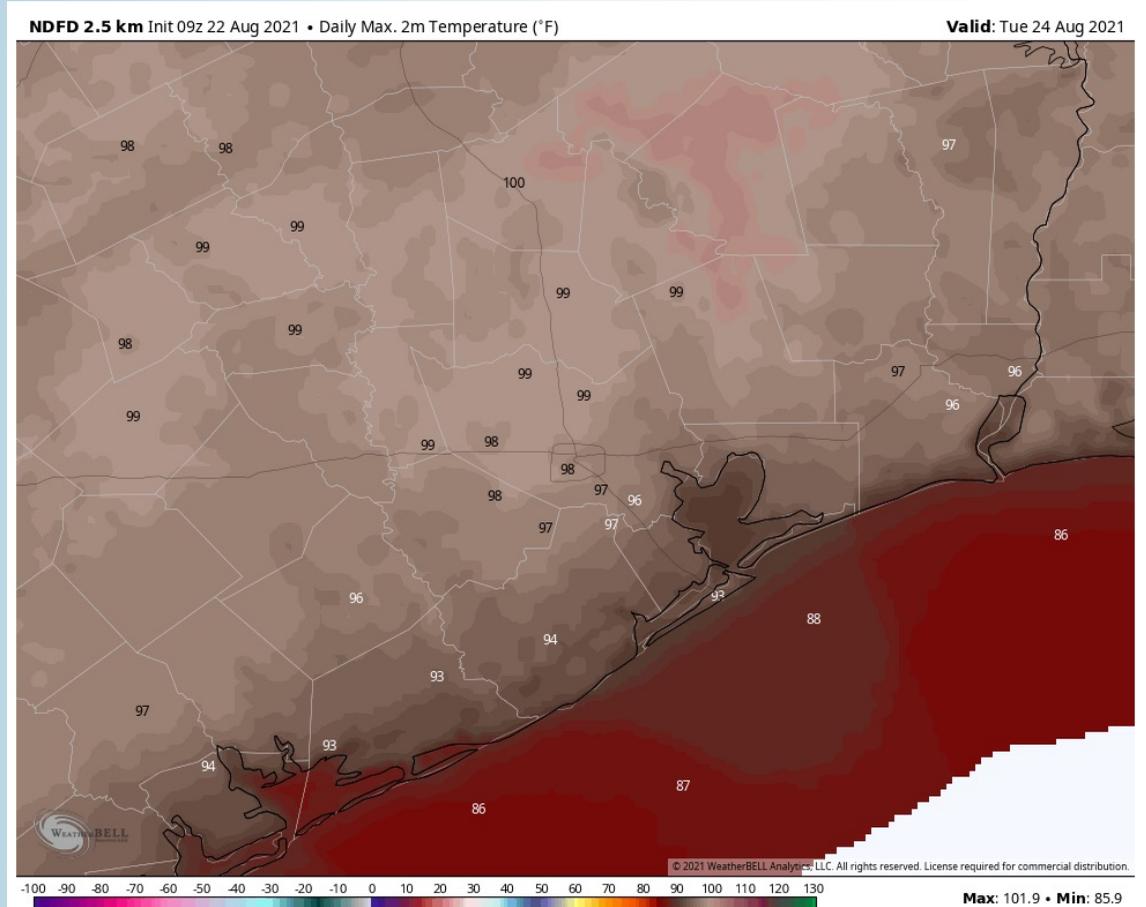
## Wind Speeds (4 PM CT)



## Simulated Radar Snapshot (4 PM CT)



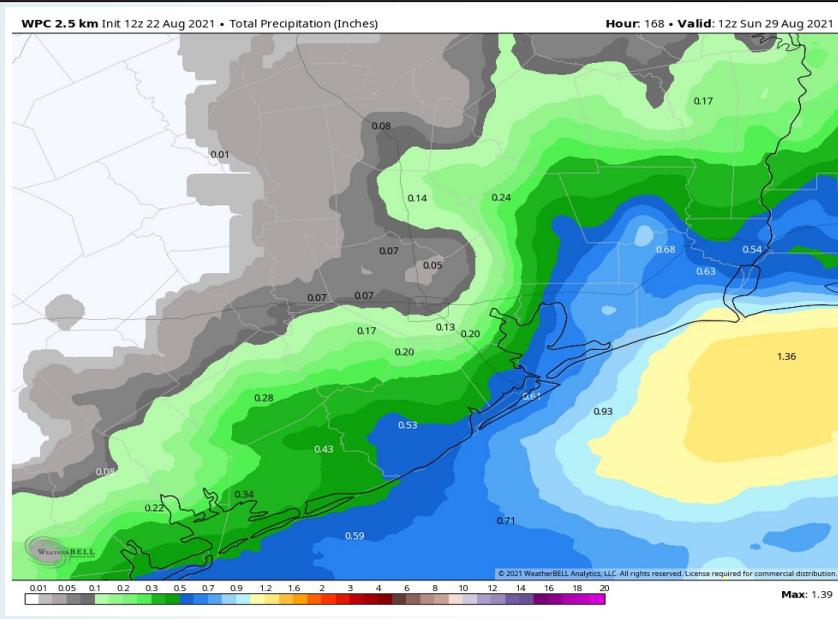
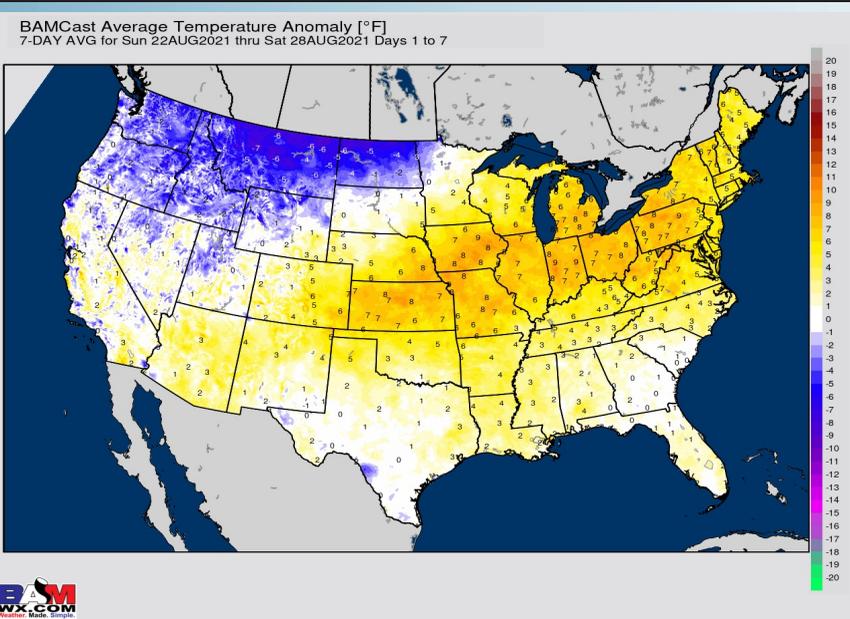
## High Temps Tuesday



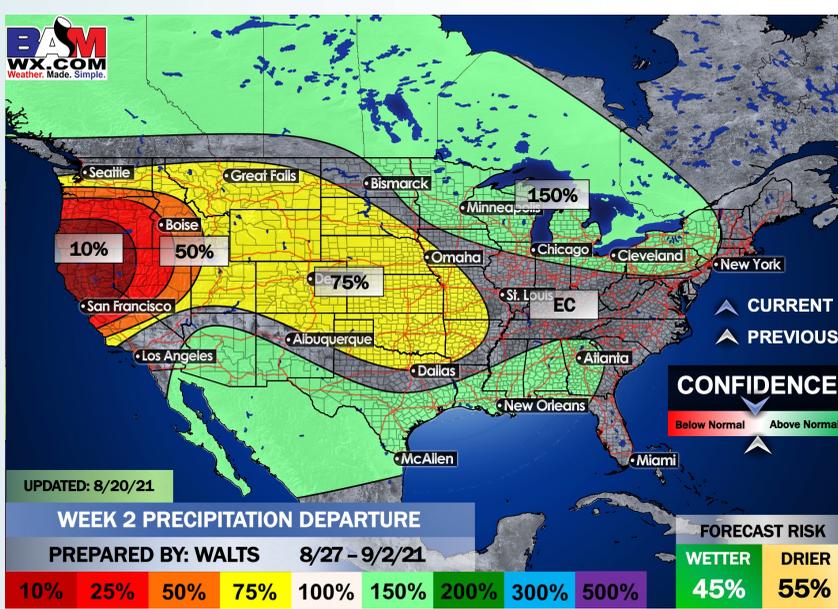
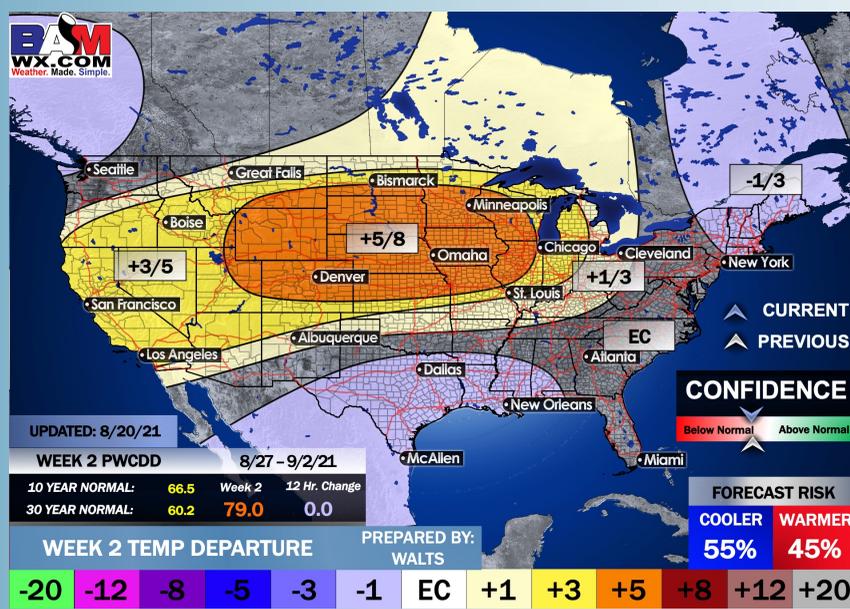
## Long-Range Forecast Discussion

- A quieter next few days are expected until THU when better Gulf Moisture works back towards the HOU area. A lot of the moisture risk will pend on how any tropical disturbance evolves, but nonetheless, a more active stretch of weather towards next weekend is anticipated. Temperatures look to run slightly above normal.
  
- We will need to keep a close eye on a tropical system in the week 2 timeframe. More discussion on slide 2.
  
- Into mid September, temperatures and precipitation are expected to average out to near normal although there can be some up and downs at times. The overall risk would be that of slightly cooler and slightly wetter vs normal.

## Week 1 Forecast



## Week 2 Forecast



## Weeks 3/4 Forecast

