

**Updated: 1:00 PM CT, Wednesday, August 25, 2021**

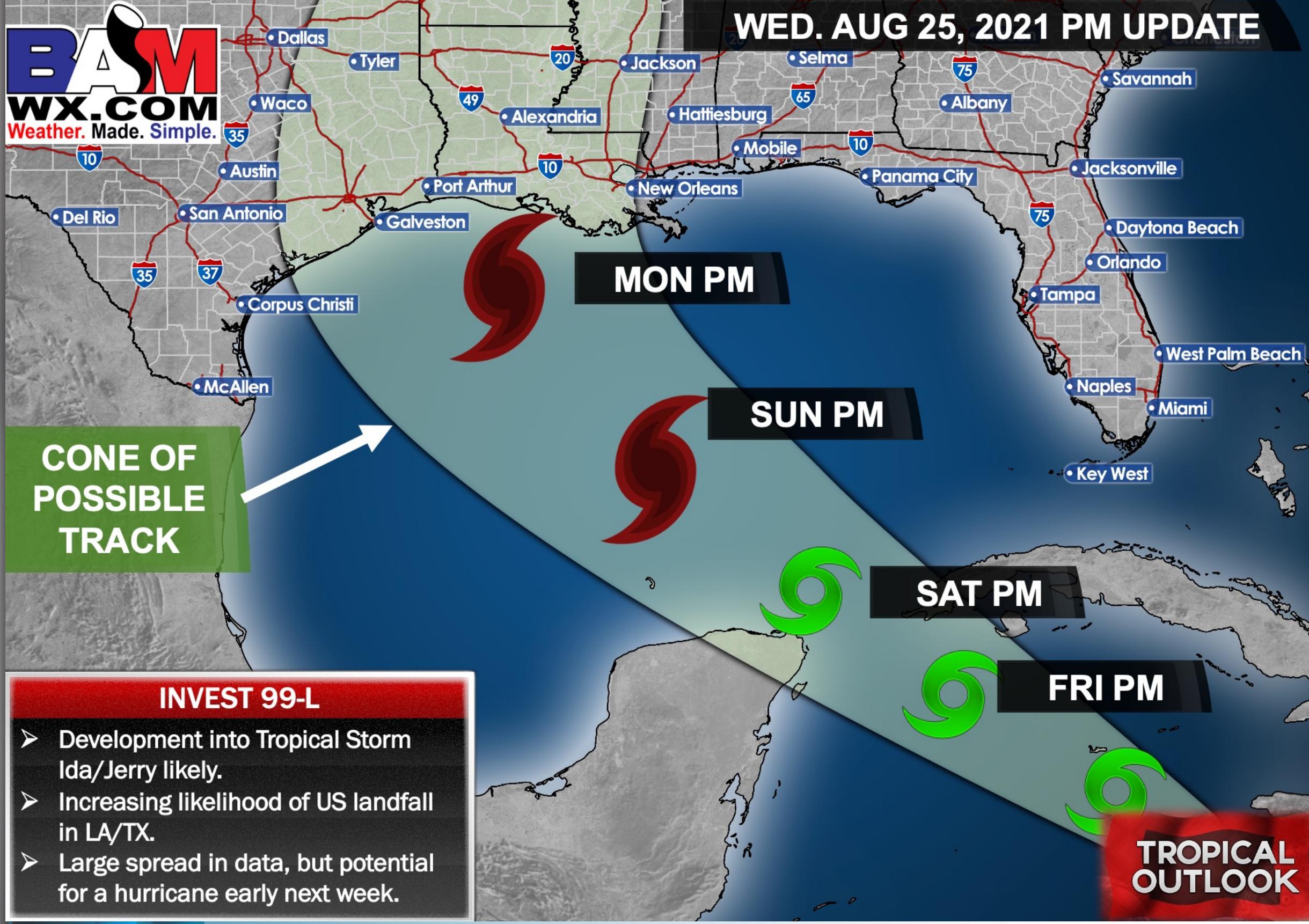
- **As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.**

# Tropical Update:

## BAMWX Cone of Possible Track



WED. AUG 25, 2021 PM UPDATE



**CONE OF POSSIBLE TRACK**

- INVEST 99-L**
- Development into Tropical Storm Ida/Jerry likely.
  - Increasing likelihood of US landfall in LA/TX.
  - Large spread in data, but potential for a hurricane early next week.

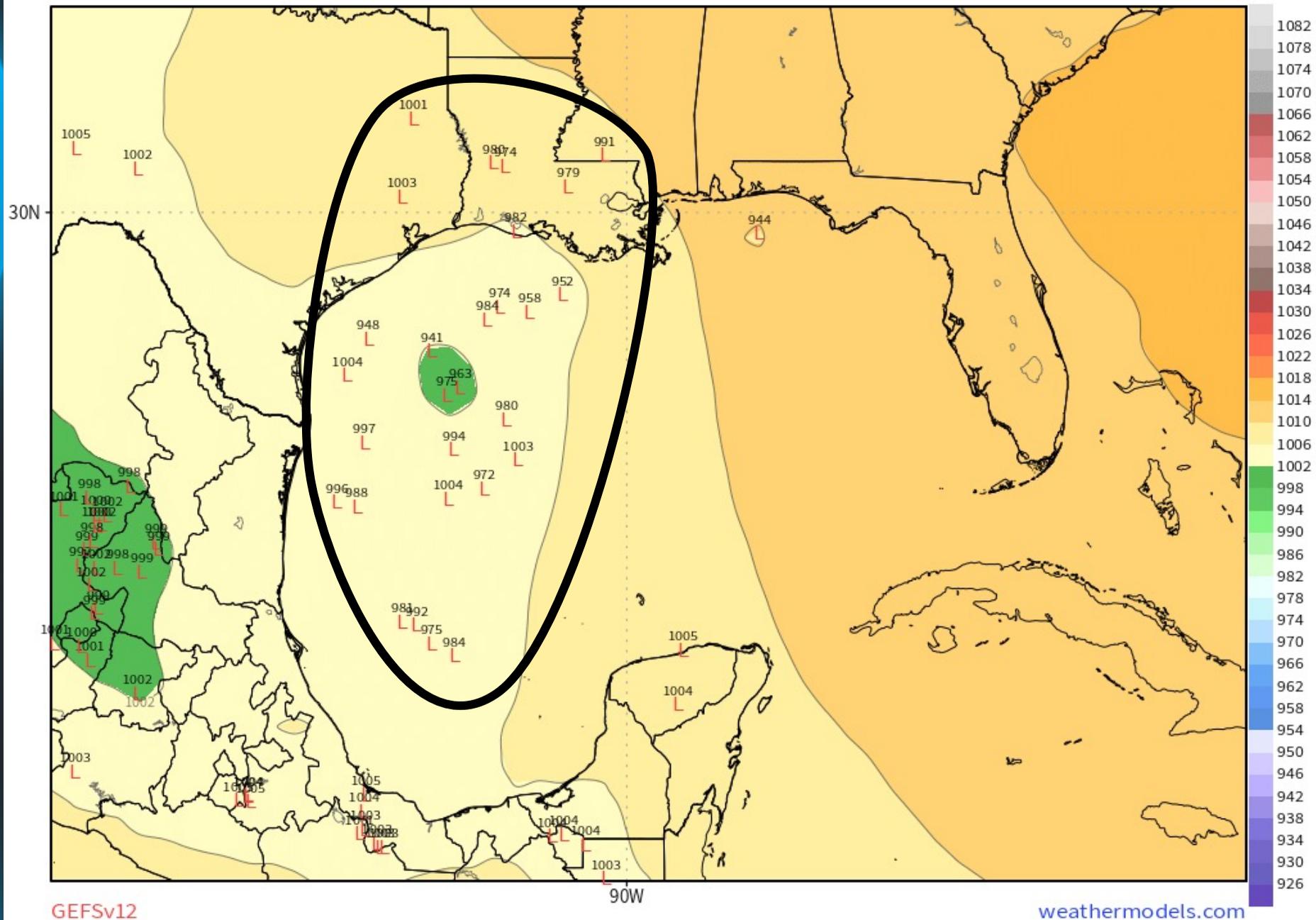
**TROPICAL OUTLOOK**

# Tropical Update:

## American Data Potential Low Pressure Centers – Aug 30<sup>th</sup>

NCEP GEFS Ensemble Mean MSLP [hPa] & Cyclone Locations [ < 1005 hPa]  
 Init: 12Z25AUG2021 -- [132] hr --> Valid Tue 00Z31AUG2021

MIN|MAX: 1000.6 | 1015.0 hPa



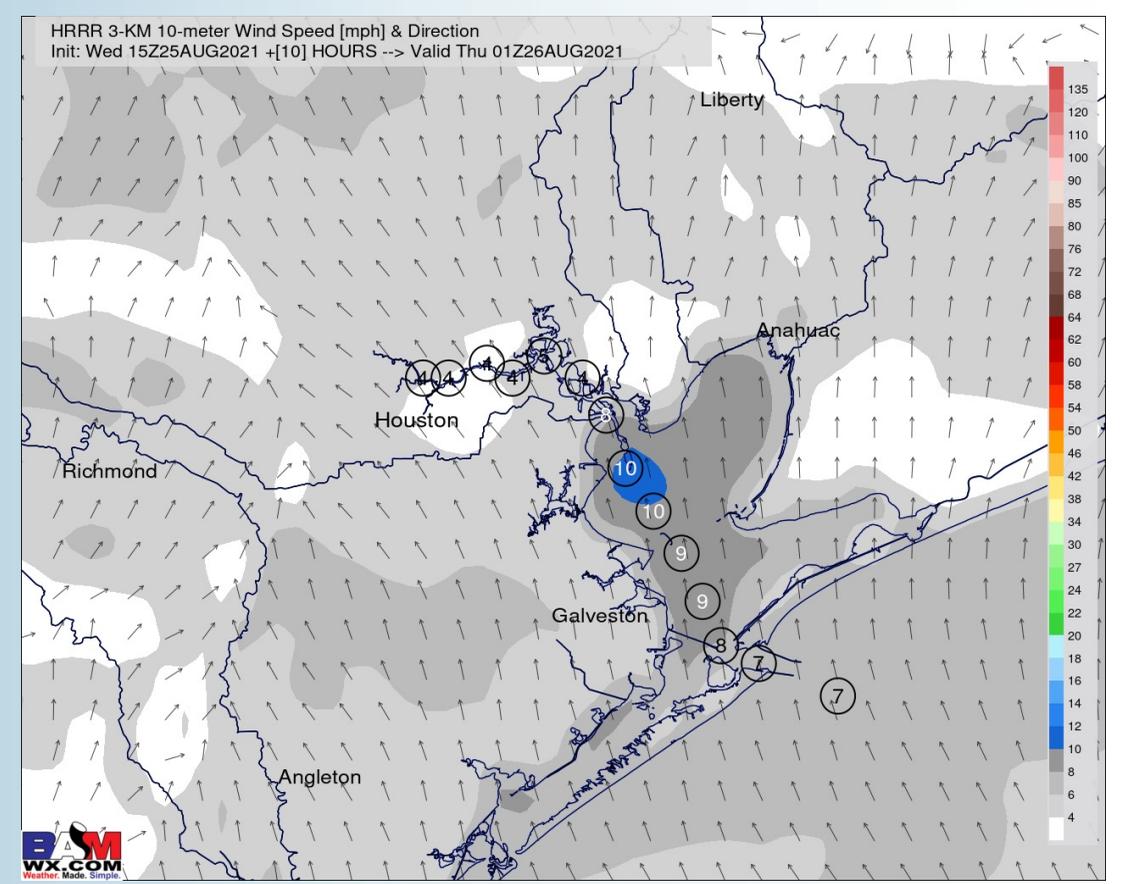
We continue to think the threat for a tropical system early next week is on the rise. Given that the actual system has not even organized/fully formed yet, there remains plenty of unknowns at this point. Confidence is higher that this system will work through the Gulf of Mexico late weekend/ early next week. Confidence is also higher that SE TX remains in the **\*\*\*possible\*\*\*** track as shown in the slide above. Confidence is moderate that **\*\*\*potential\*\*\*** impacts for SE TX come Monday – Tuesday of the upcoming week. Confidence is low on the exact track and intensity of this system. Confidence also is low on the impacts this system will have for the Houston/ Galveston area. Until this system actually forms and crosses any land interaction with the Yucatan/Cuba on Saturday/ Sunday, specific details will remain in question.



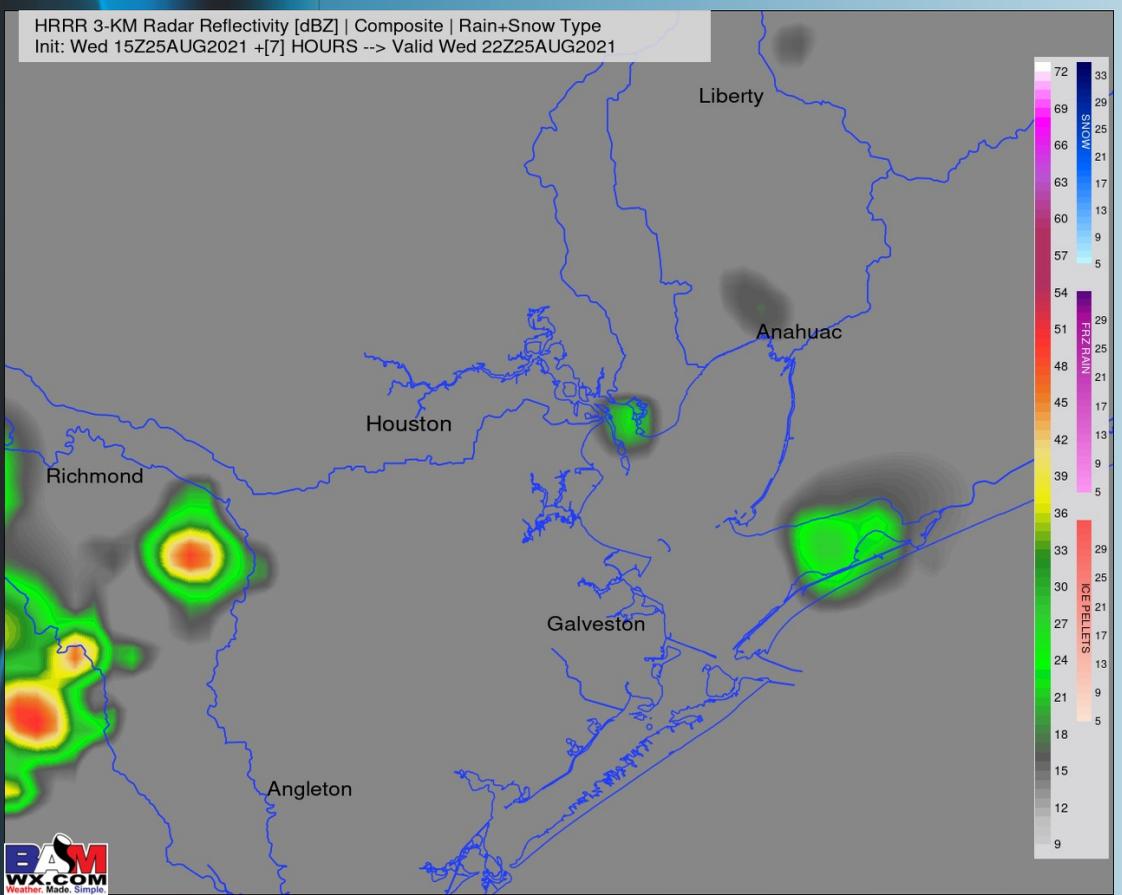
## Short-Term Forecast Discussion

- We will continue to favor hit and miss coverage through the afternoon hours before winding down into the evening hours. Chances will be on the lower end (20-30%) for cells to work overhead, but any cell holds the potential for a locally heavier downpour.
- Winds will continue to vary a bit here in direction out through ~5 PM when a southerly wind at 8-13 MPH is favored. Winds then turn more out of the NW closer to ~3 AM.
- Temps tonight bottom out in the lower 80s.
  - *Not fog expected this evening.*

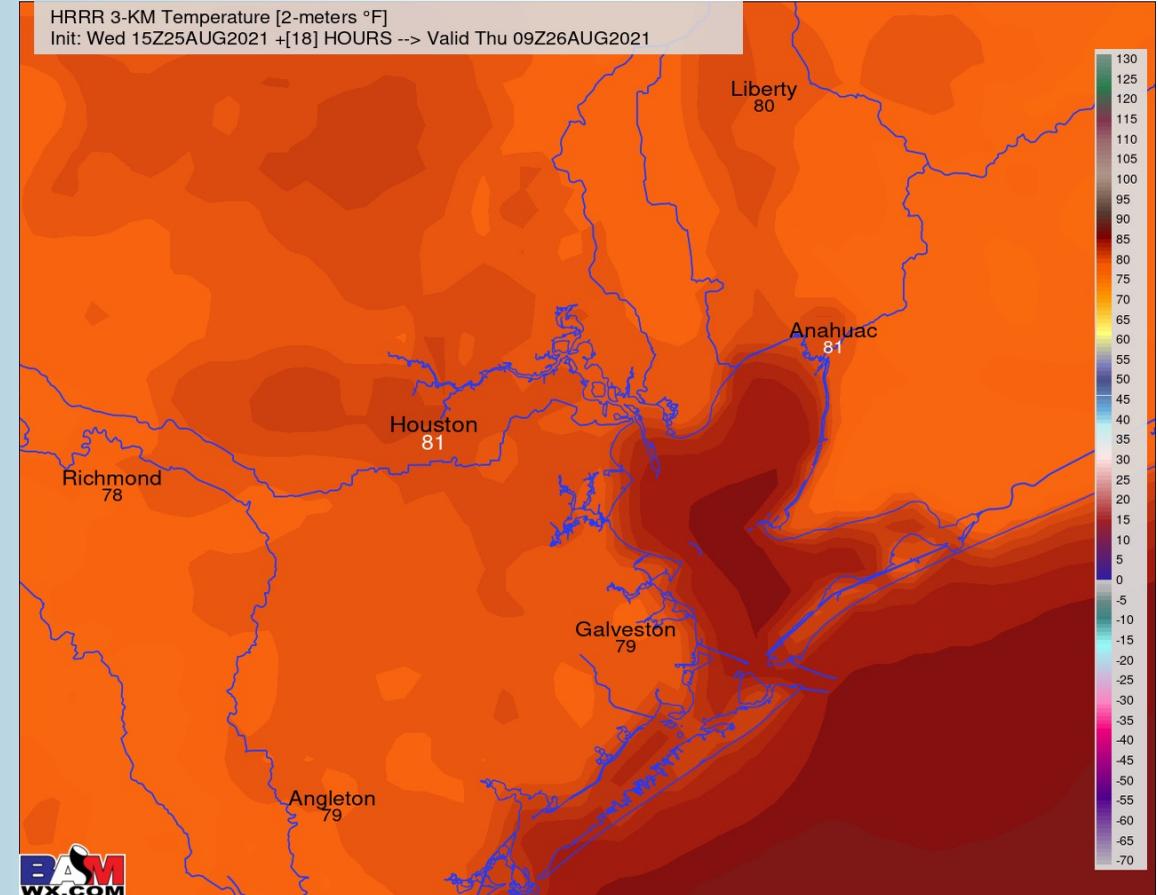
## Wind Speeds (8 PM CT)



## Simulated Radar Snapshot (5 PM CT)



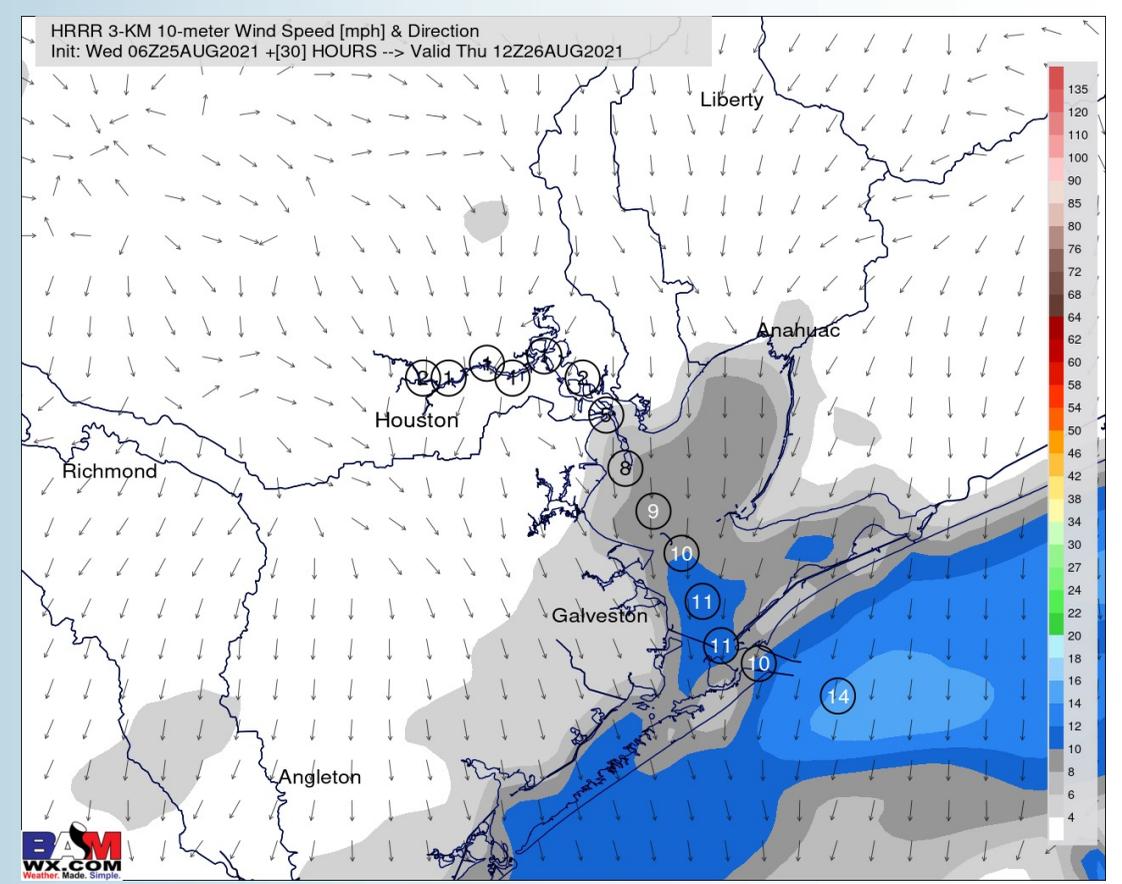
## Low Temps This Evening



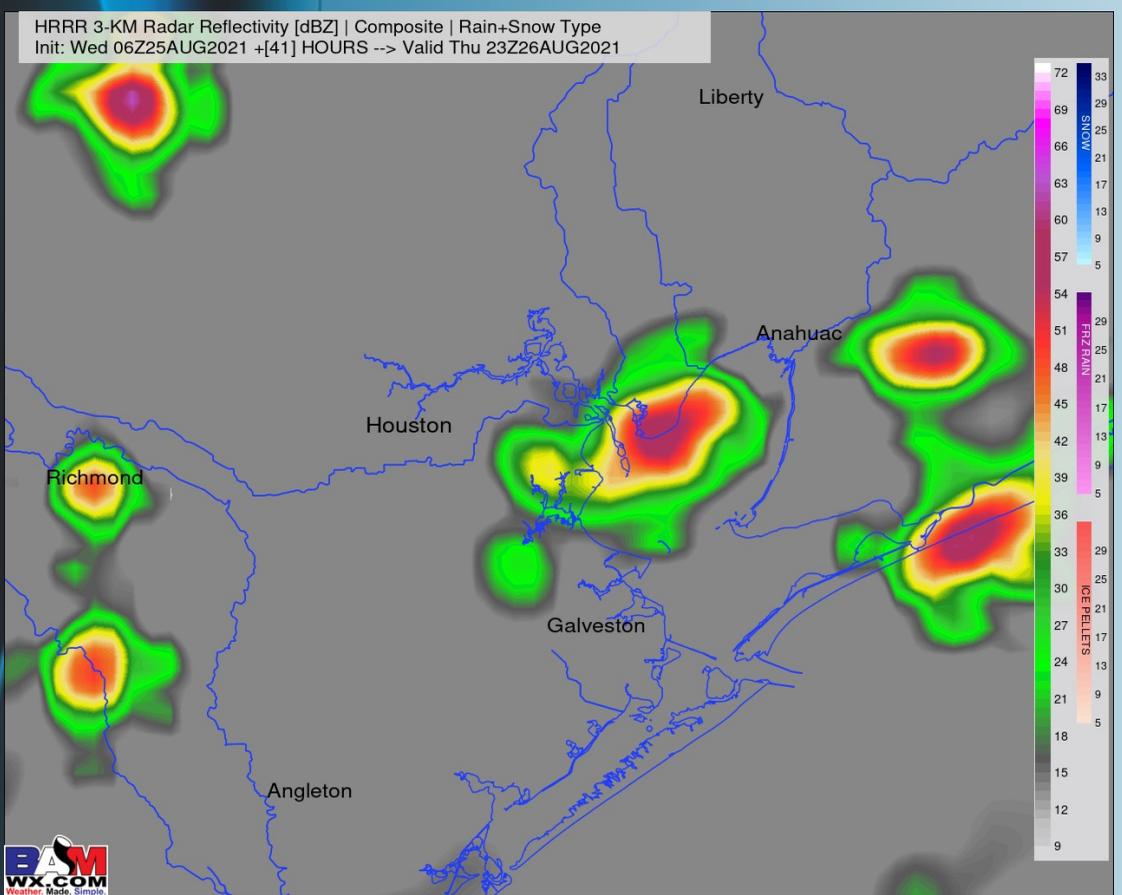
## Short-Term Forecast Discussion

- **Some isolated pockets of precipitation will be possible Thursday morning, but Thursday afternoon looks to be the best shot at precipitation we've seen over the past few days. Currently favoring chances closer to ~40%. A few cells could be locally heavier in intensity.**
  
- **A front will work through in the very early hours (~1-4 AM) and shift the winds out of the N at 5-10 MPH, but then will flip back out of the SE for the back half of the day (near 3 PM) and increase to 10-15 MPH. Locally stronger winds will be possible at the boarding station.**
  
- **Highs on Thursday will start to cool off some from recent days this week, anticipating low to mid-90s.**
  
- ***Not fog expected Thursday.***

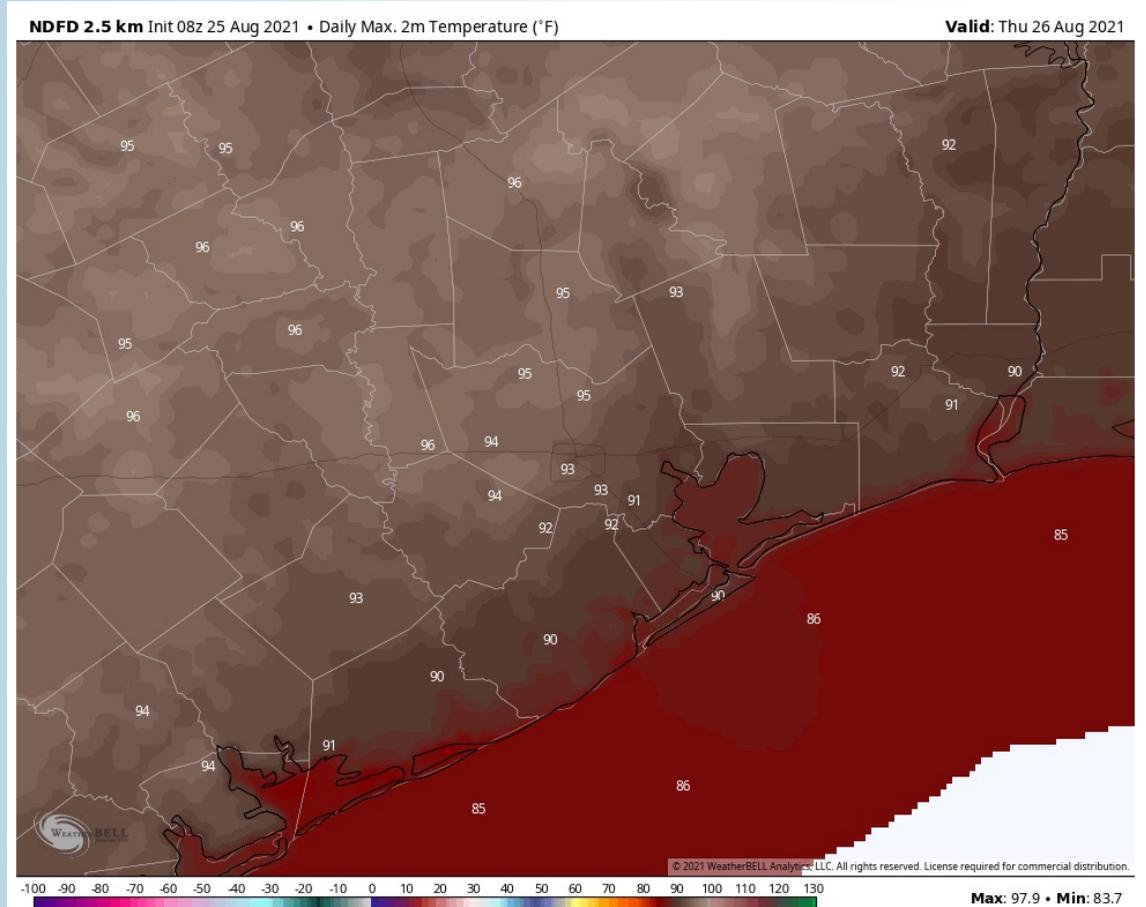
## Wind Speeds (7 AM CT)



## Simulated Radar Snapshot (6 PM CT)



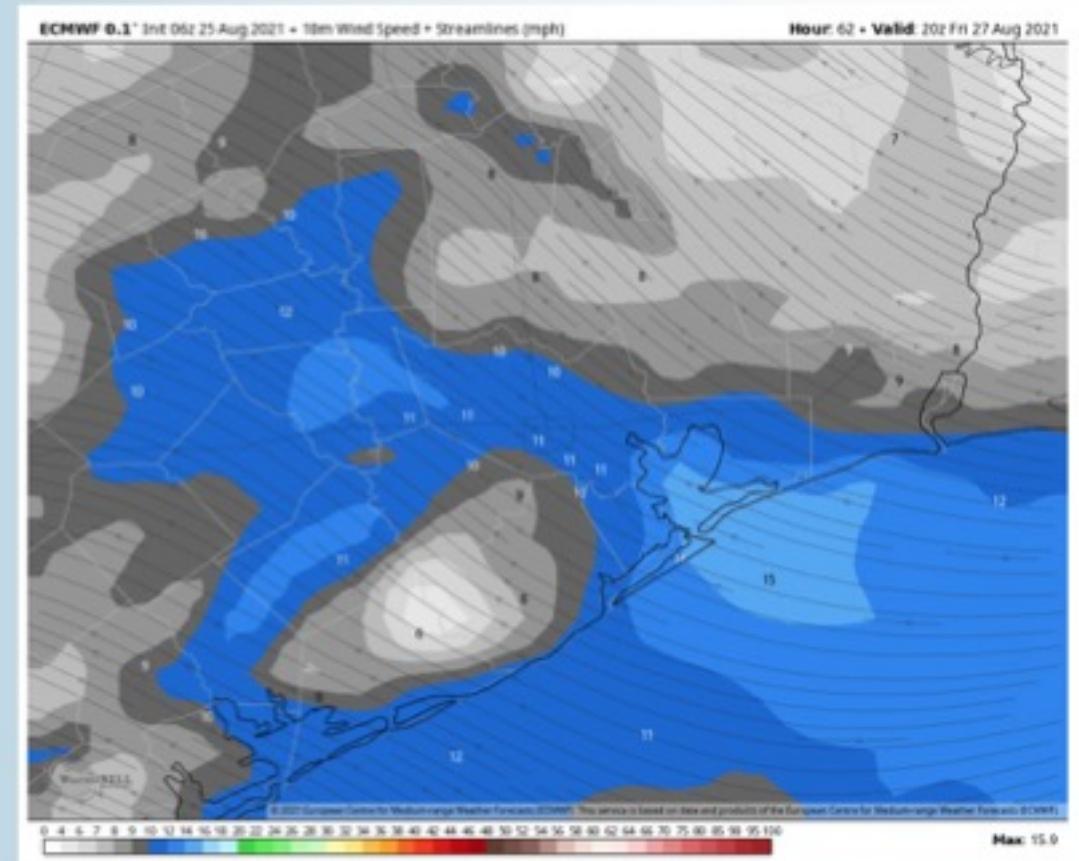
## High Temps Thursday



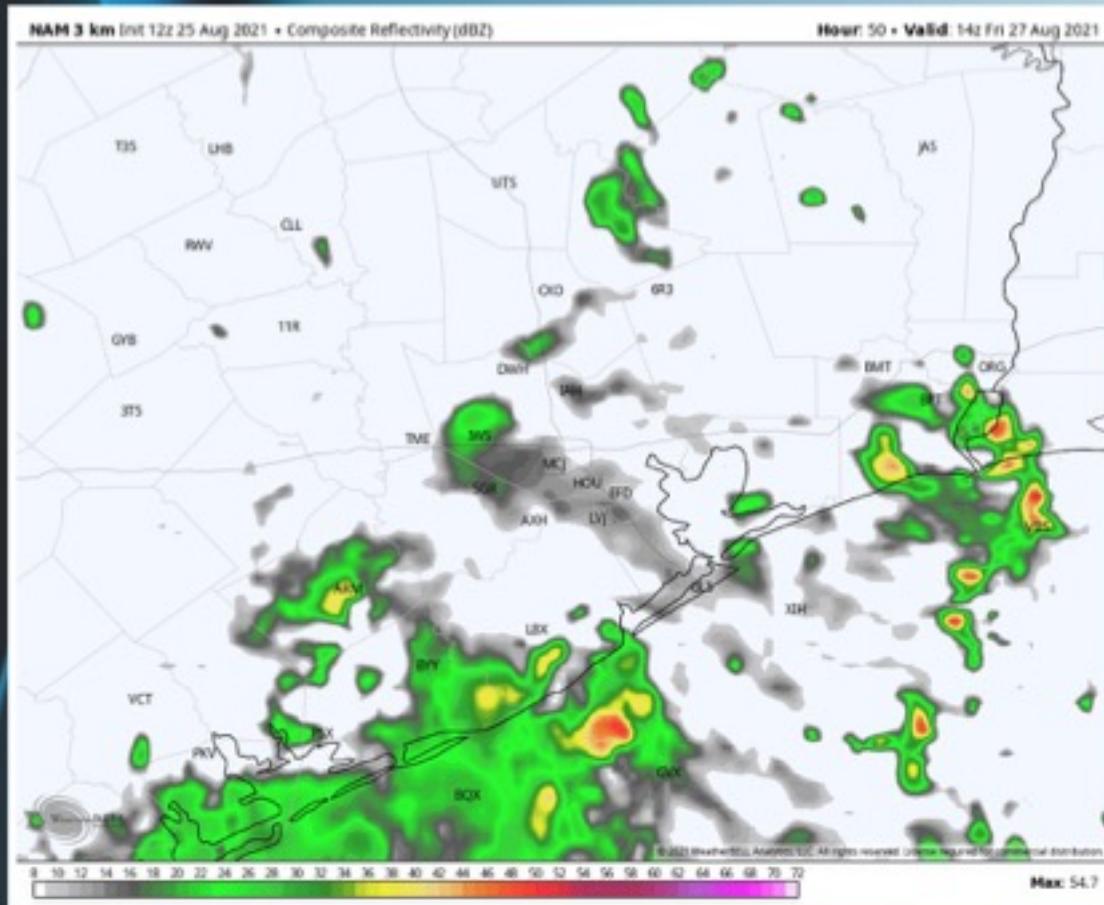
## Short-Term Forecast Discussion

- Increasing onshore flow will lead to scattered shower/thunderstorm chances for much of the day on Friday for the area. Similar to Thursday PM, pockets of precip look to be more numerous than the isolated coverage we have seen over the past 1-2 weeks.
- Winds much of Friday look to be coming out of the ESE at 8-14 MPH with gusts 15-16 MPH.
- Friday's highs will be the coolest we've seen over the past few days- upper 80s / lower 90s expected.
- *Not anticipating fog for Friday.*

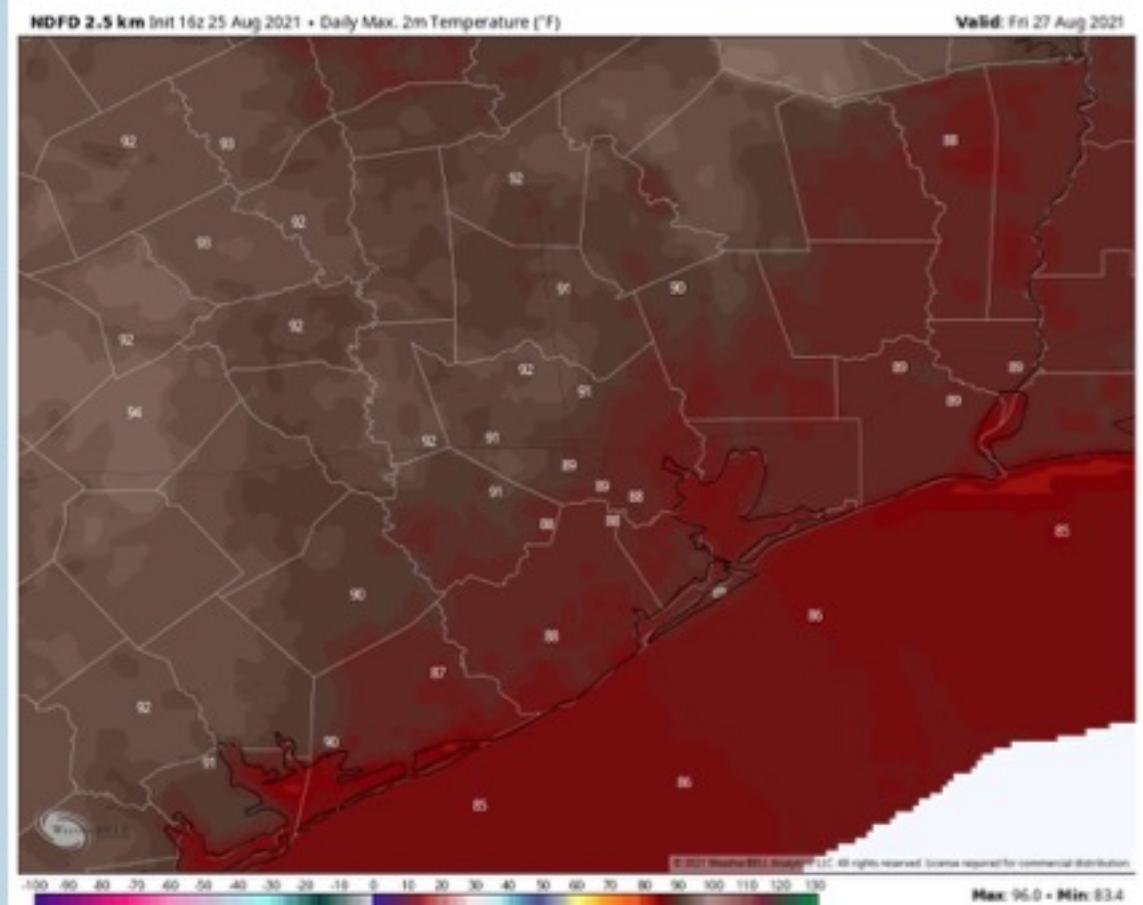
## Wind Speeds (3 PM CT)



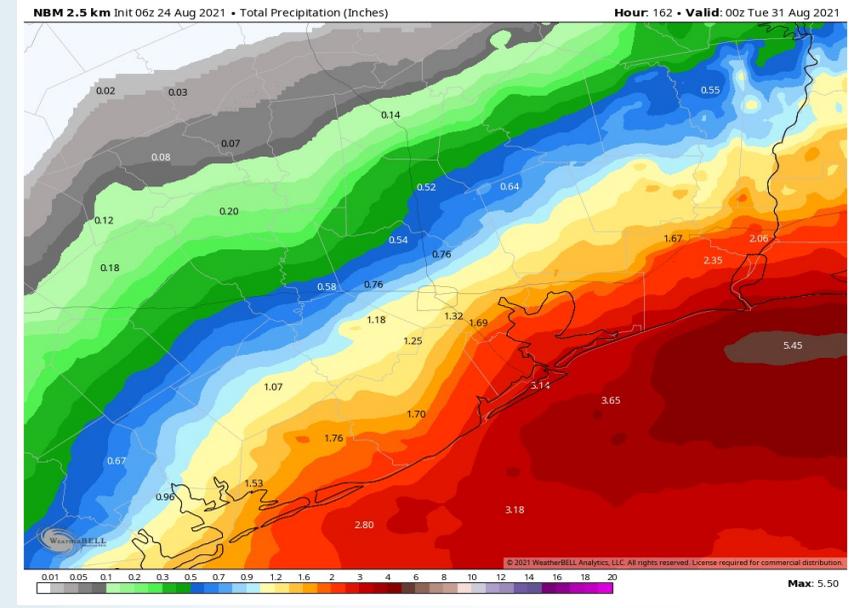
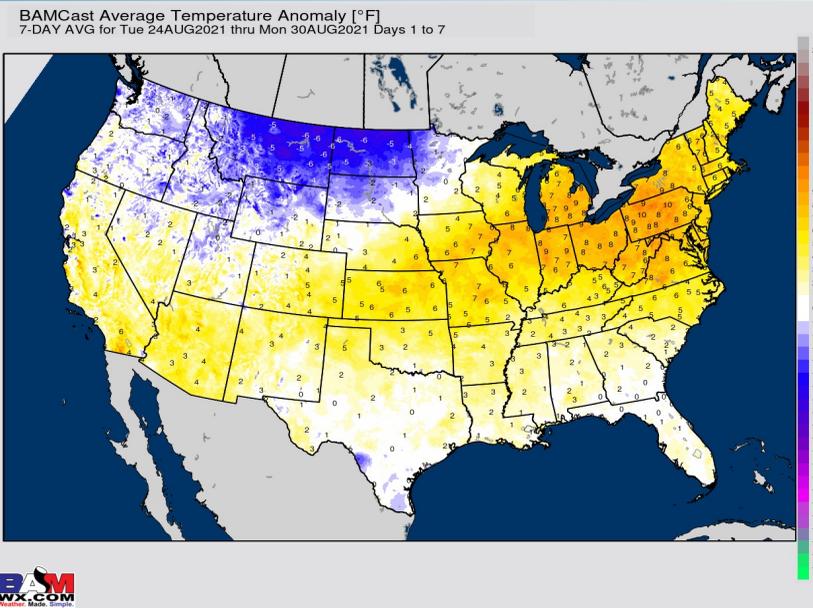
## Simulated Radar Snapshot (9 AM CT)



## High Temps Friday



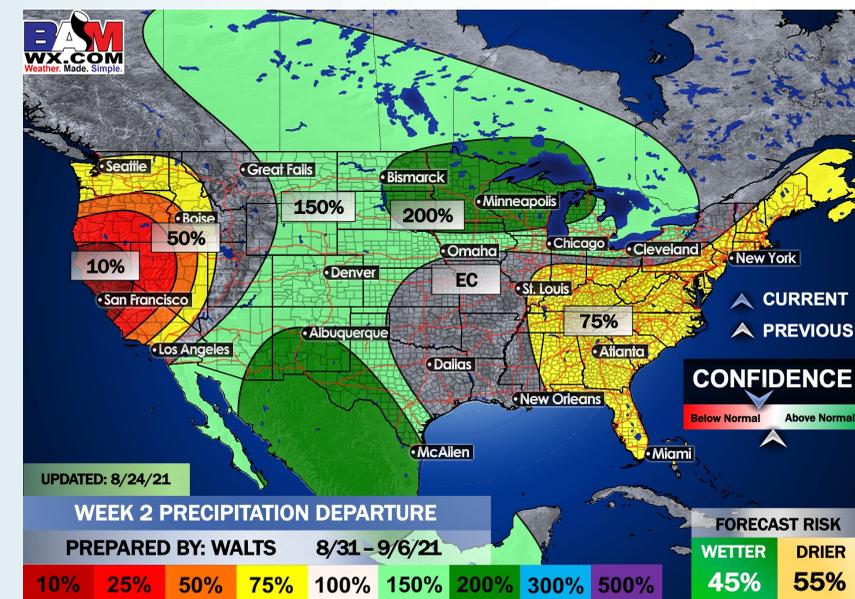
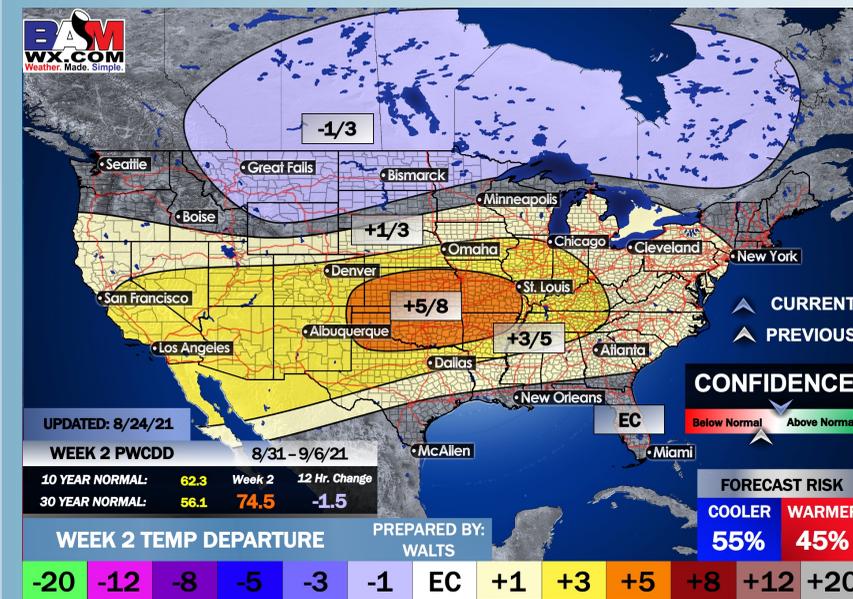
## Week 1 Forecast



## Long-Range Forecast Discussion

- A quieter next 2 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 storm potential in the week 2 timeframe. More discussion on slide 2.
- Into mid September, temperatures are anticipated to run about normal for this time of year...however, we are still on watch for an enhanced tropical moisture threat and above normal rains as well.

## Week 2 Forecast



## Weeks 3/4 Forecast

