

Updated: 5:00 AM CT, Wednesday, August 25, 2021

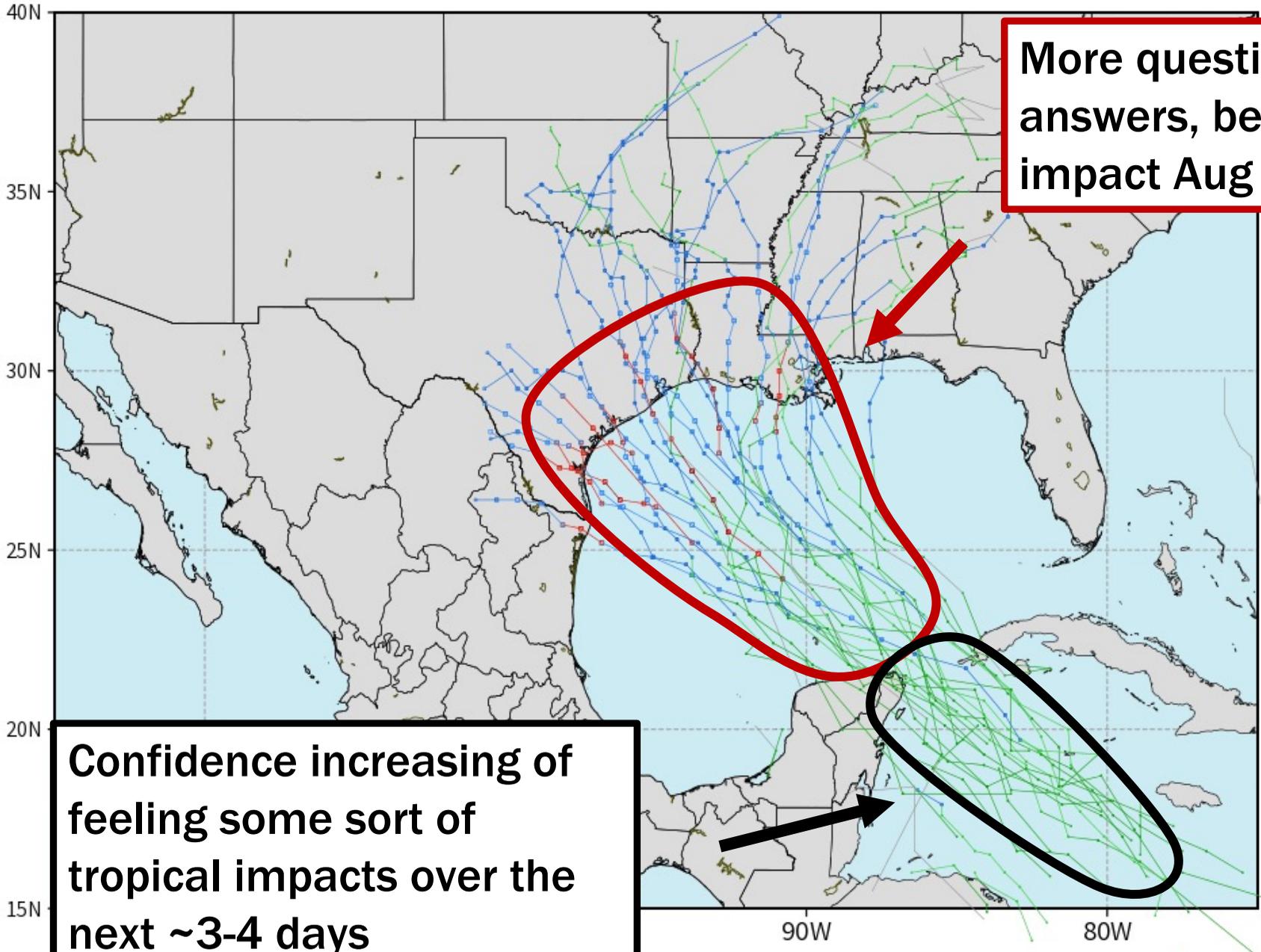
- **As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.**

Tropical Update:

European Ensemble Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 00Z25AUG2021 --> UNTIL 00Z04SEP2021

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



More questions than answers, best *potential* impact Aug 30 - Sep 1

Confidence increasing of feeling some sort of tropical impacts over the next ~3-4 days

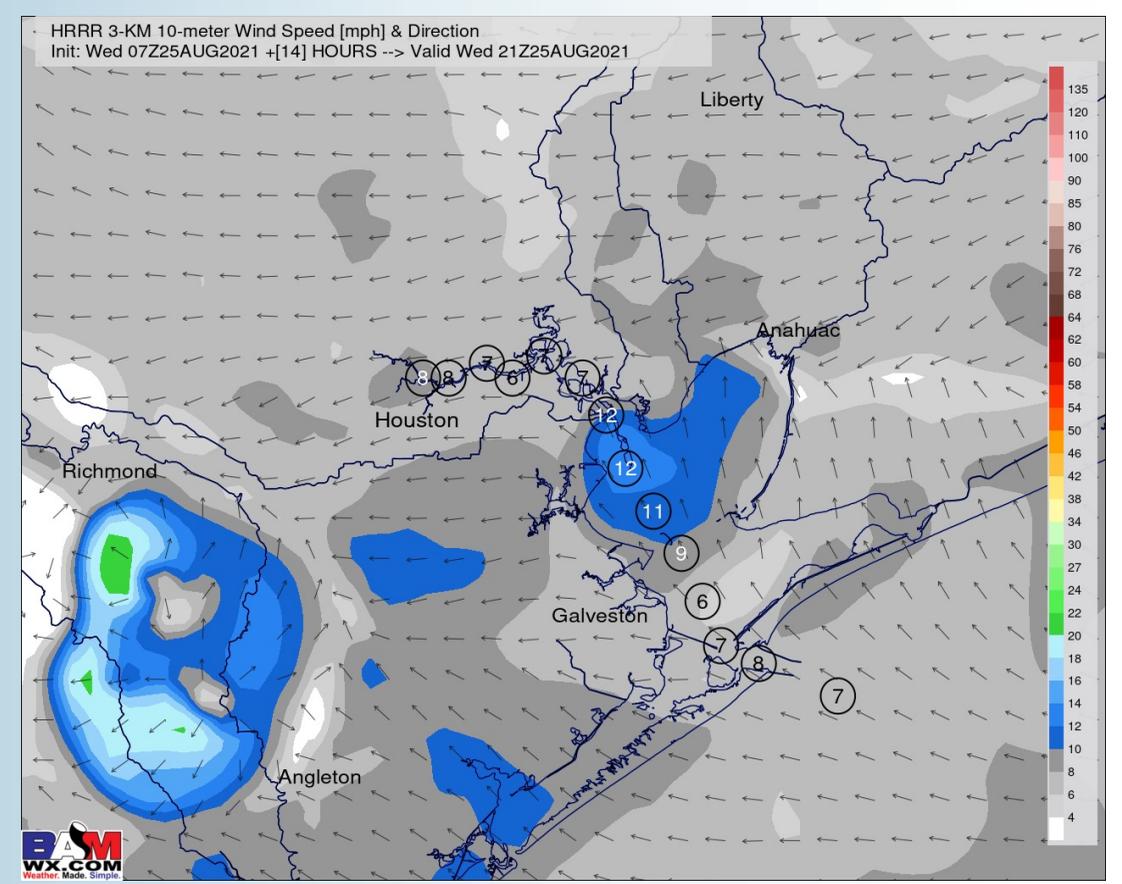
weathermodels.com

Confidence has increased since yesterday that some sort of tropical wave will be working into the Gulf of Mexico over the next week. A loosely organized area of precipitation is forming SE of the Yucatan Peninsula and will continue to track NW over the next few days. Pending how intact this system is as it potentially passes over the Peninsula/ Cuba area around the ~28 - 29th, there are more favorable conditions in the Gulf for this system to intensify. There remains high uncertainty as to whether this system would make landfall in S TX, LA, or anywhere in between, but confidence is going up that SE TX will at least feel some impacts from this system. Whether the impacts are slightly elevated winds & outer rain bands or a direct impact, it is way too early to know.

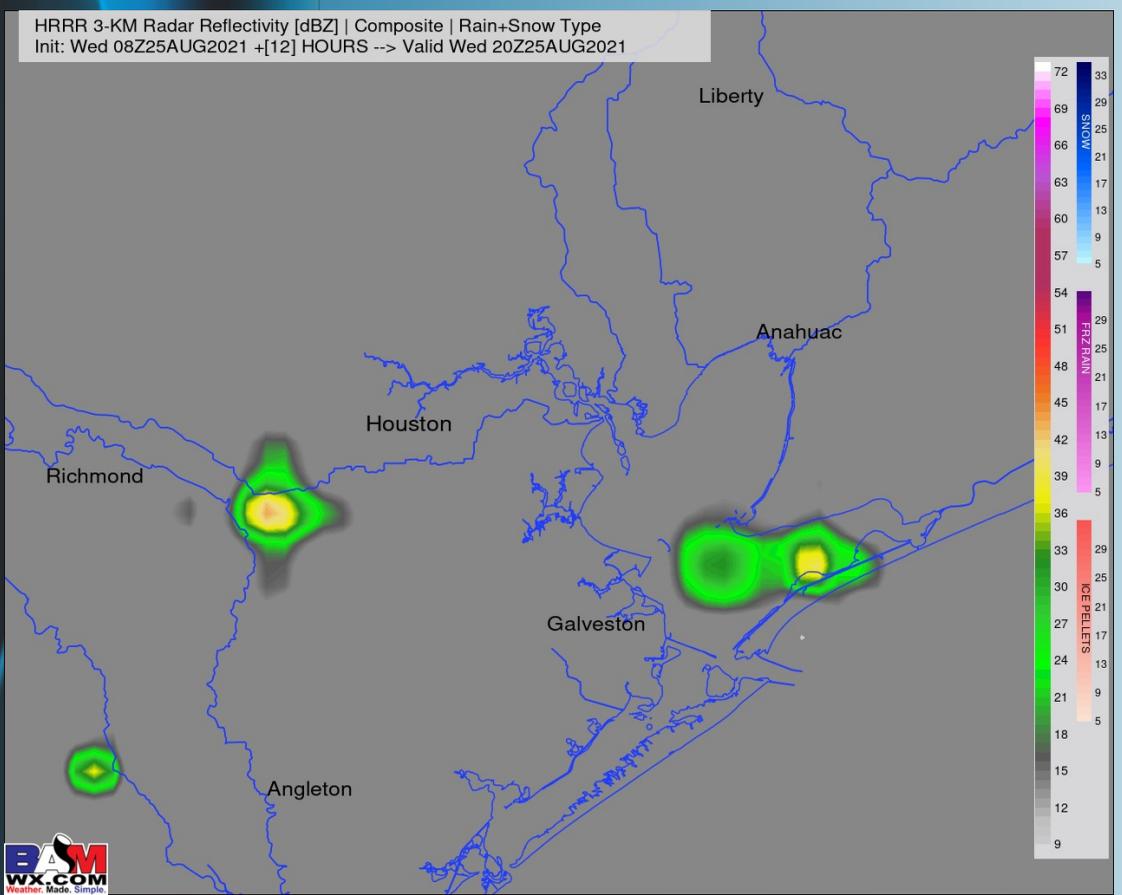
Short-Term Forecast Discussion

- Outside of an isolated shower off the coastline this AM, expecting quieter weather this morning. Into the afternoon, isolated hit and miss coverage will be possible through the afternoon hours before winding down into the evening hours. Chances will be on the lower end (20-30%).
- Today's winds will continue to remain lighter to start the day. Mainly coming out of the NE but there will be some variance in direction given the lighter winds. Into the afternoon hours, winds pick up a touch to 8-13 MPH and will start to be more out of the SE.
- Highs will be topping out in the mid to upper 90s.
 - *Not fog expected today.*

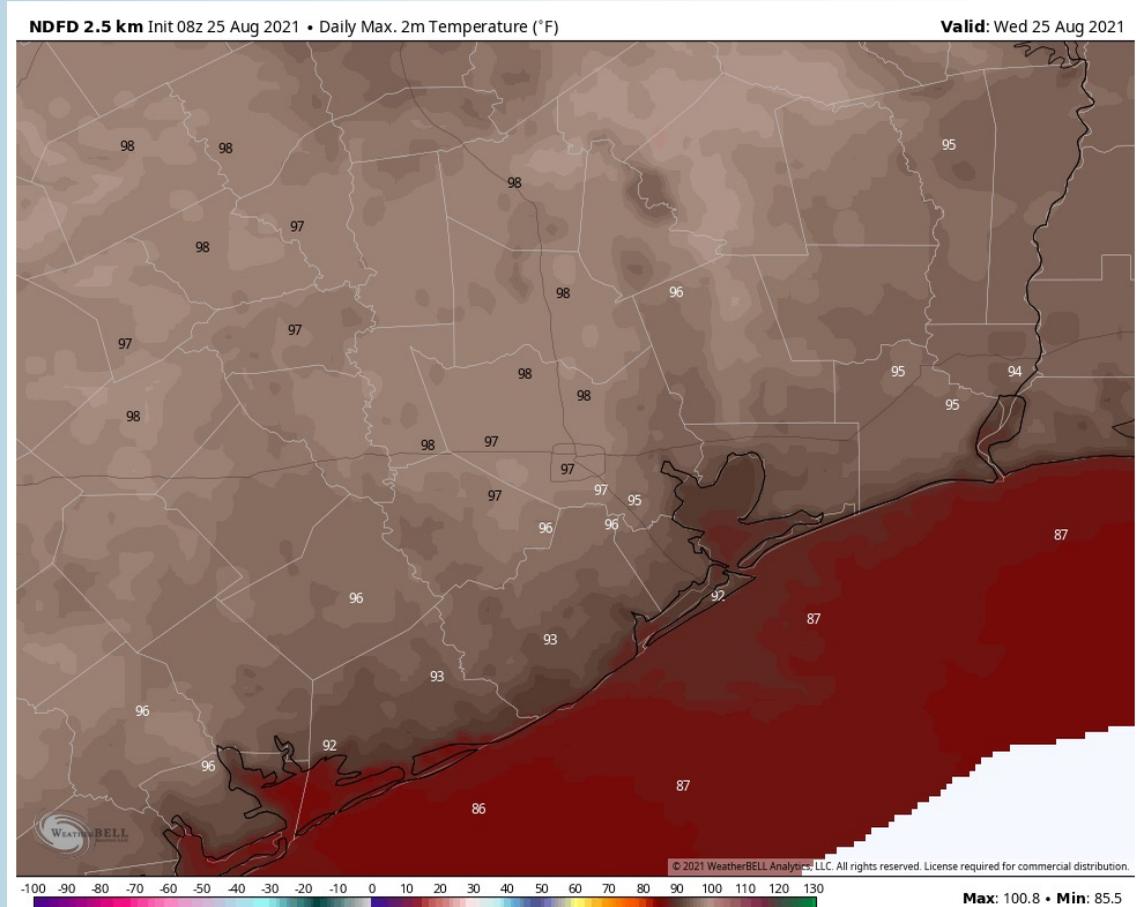
Wind Speeds (4 PM CT)



Simulated Radar Snapshot (3 PM CT)



High Temps Today



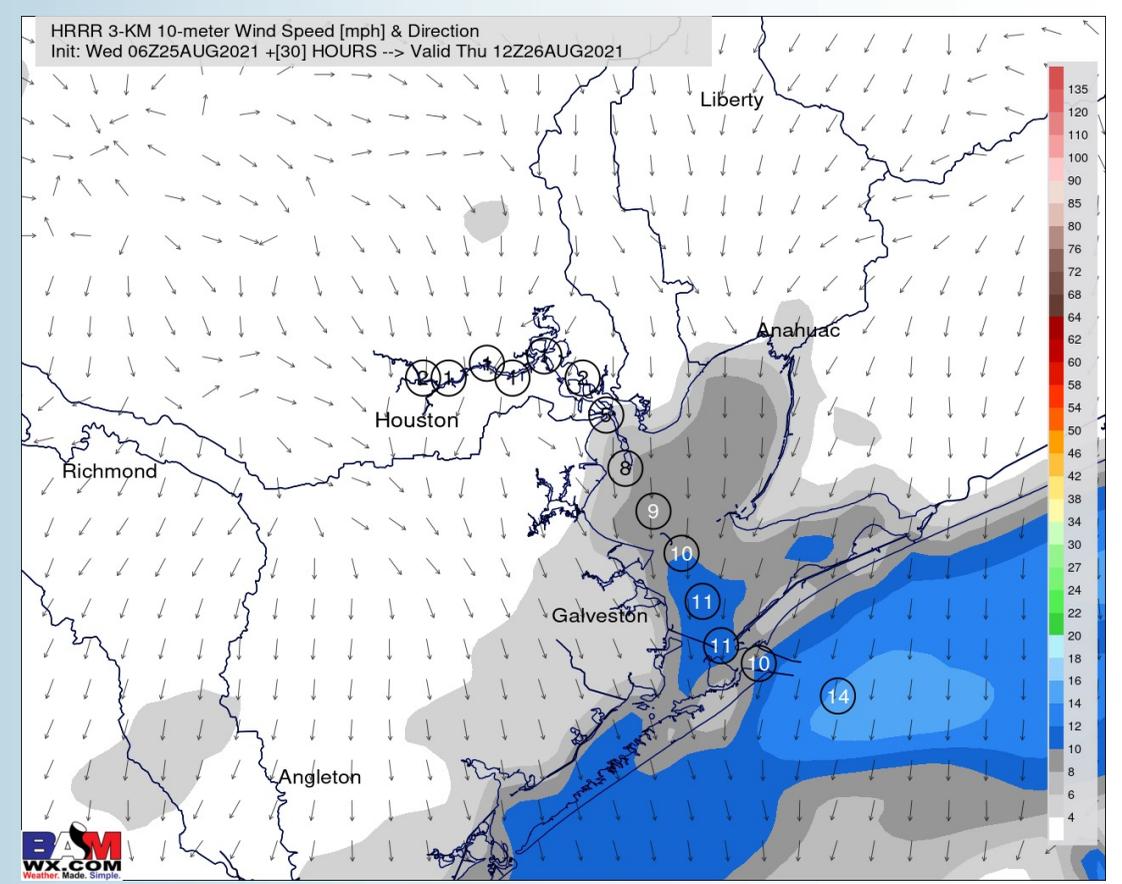
Short-Term Forecast Discussion

- 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. Exact details are a little uncertain, but there's decent agreement for increasing coverage into the PM hours of Thursday. A few cells could be locally heavier in intensity.

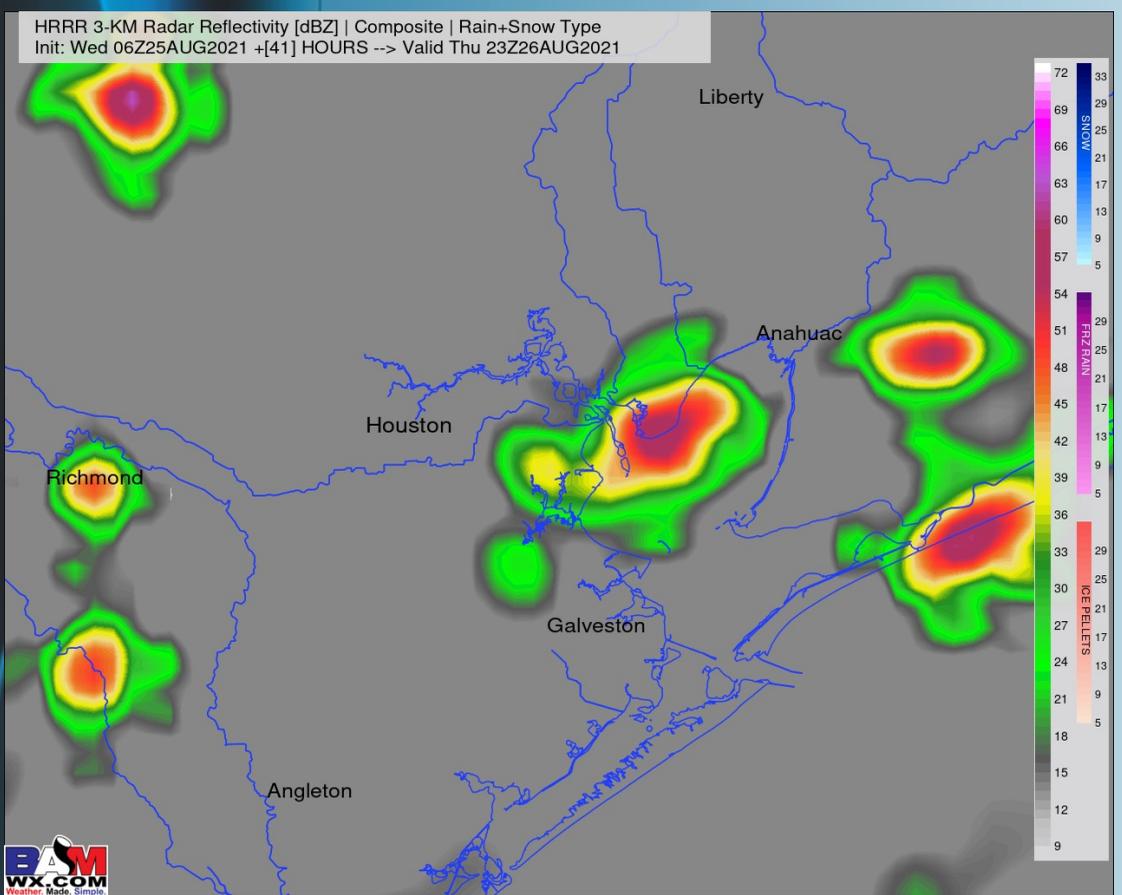
- A front will work through in the very early hours (~1-4 AM) and shift the winds out of the N at 8-13 MPH, but then will flip back out of the SE for the back half of the day. Locally stronger winds will be possible at the boarding station.

- Highs on Thursday will start to cool off some from recent days this week, anticipating low to mid-90s.
 - *Not fog expected Thursday.*

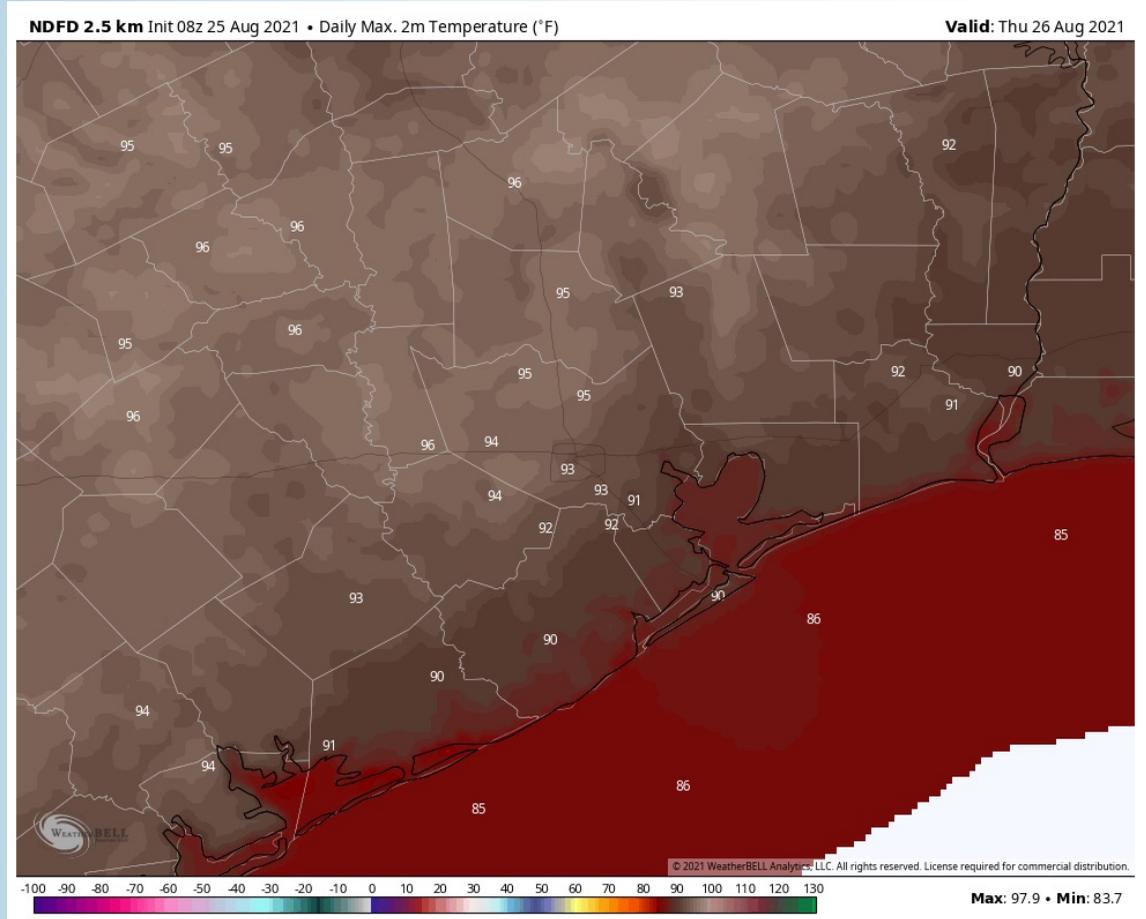
Wind Speeds (7 AM CT)



Simulated Radar Snapshot (6 PM CT)



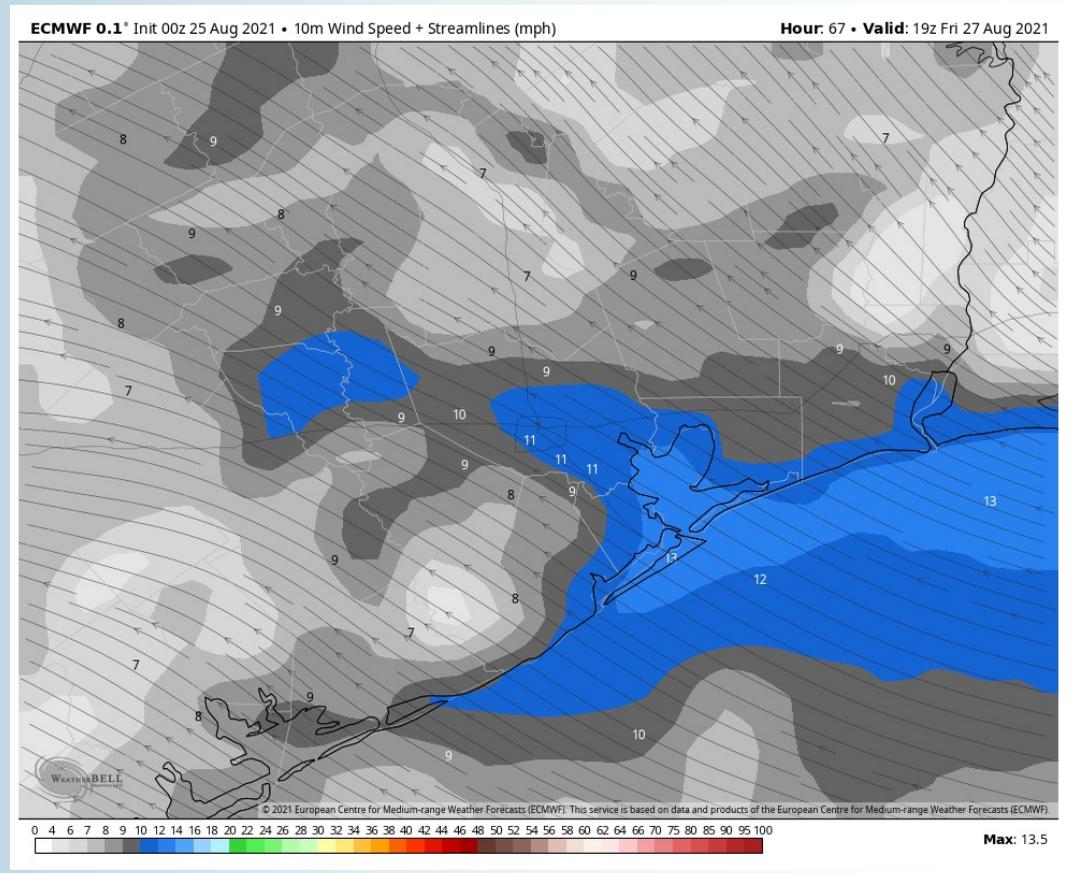
High Temps Thursday



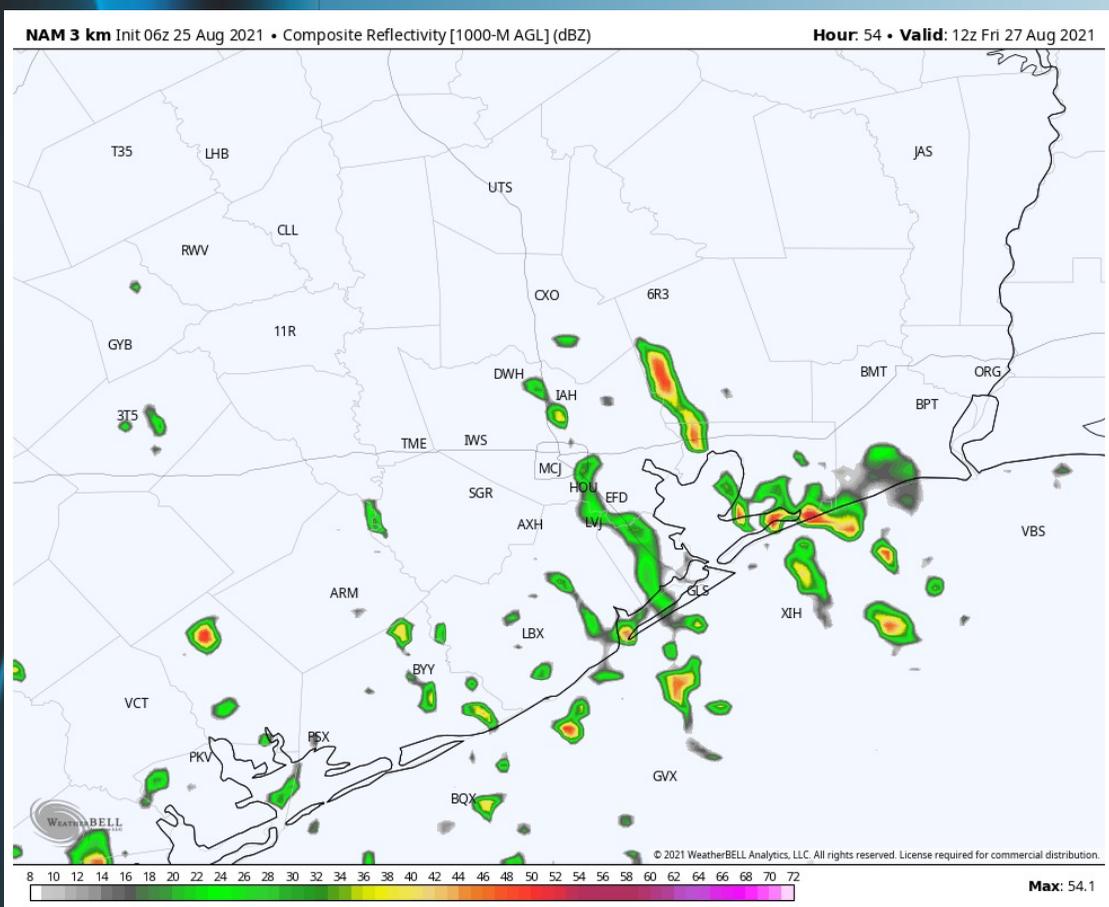
Short-Term Forecast Discussion

- Increasing onshore flow will lead to scattered shower/thunderstorm chances for much of Friday in an on/off nature. 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 SE at 8-13 MPH with gusts to 15 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.*

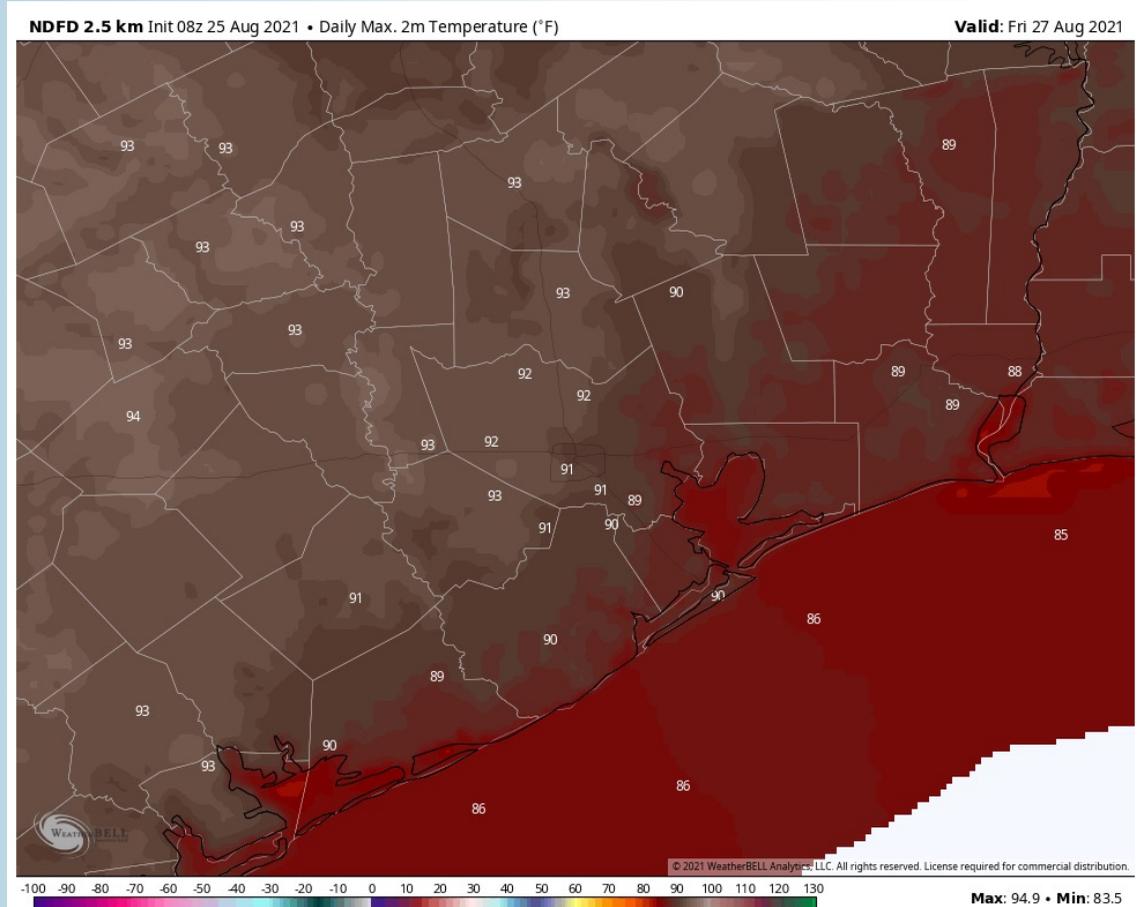
Wind Speeds (1 PM CT)



Simulated Radar Snapshot (8 AM CT)



High Temps Friday



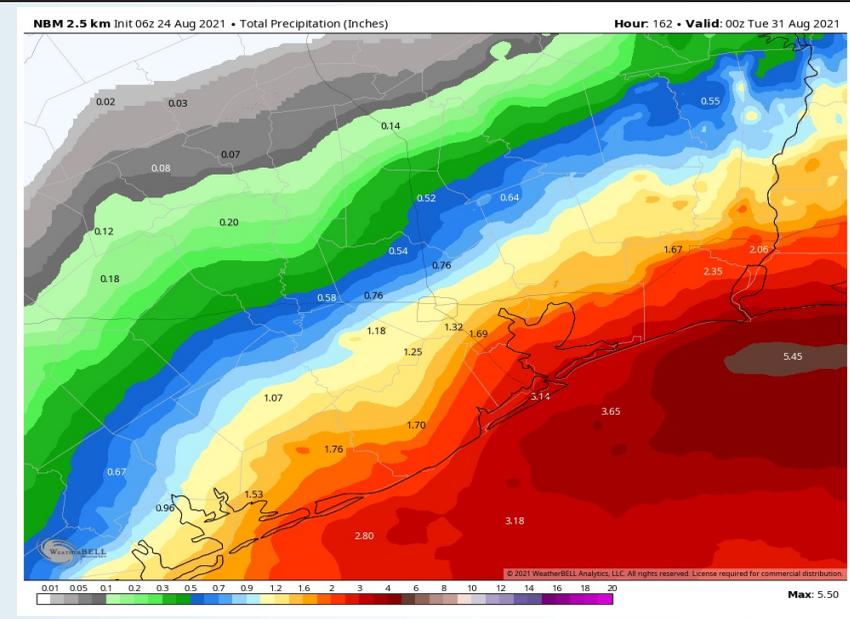
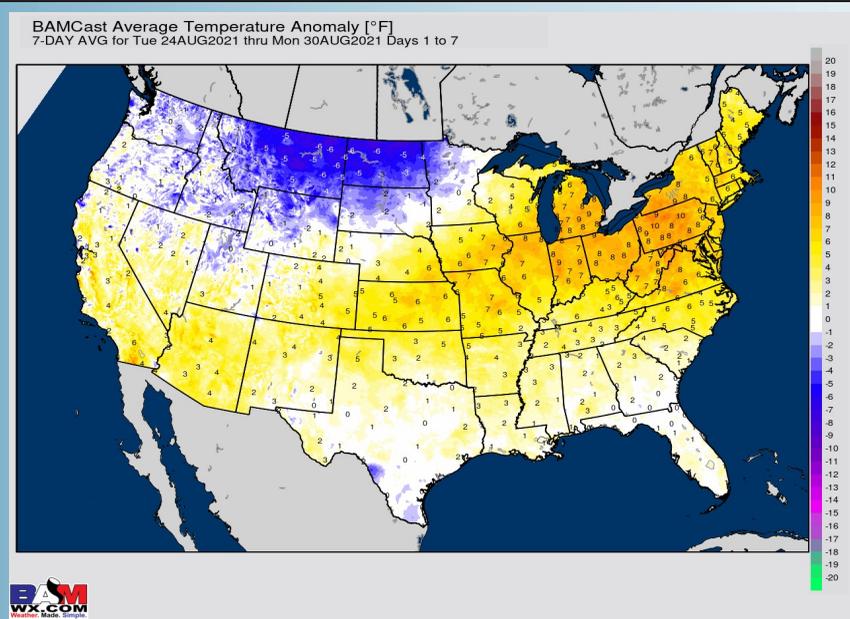
Long-Range Forecast Discussion

- 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.

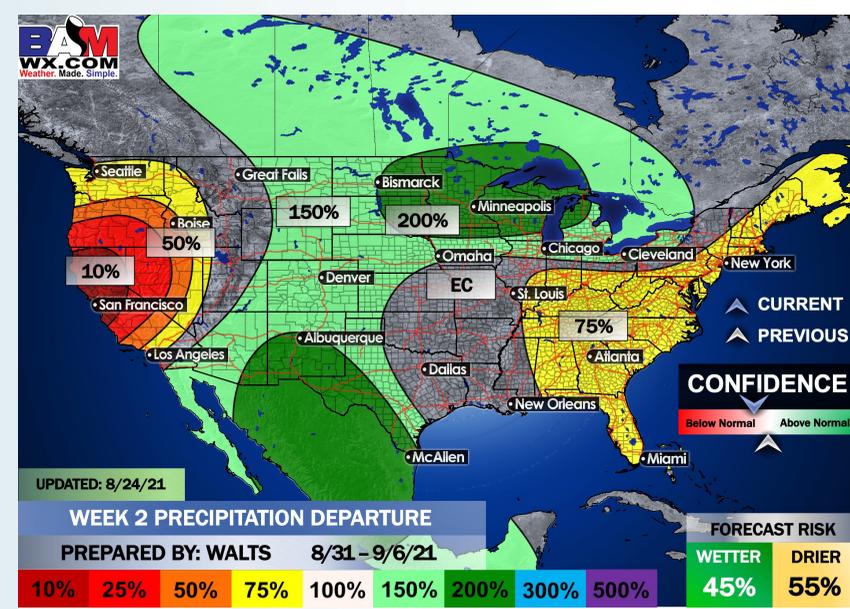
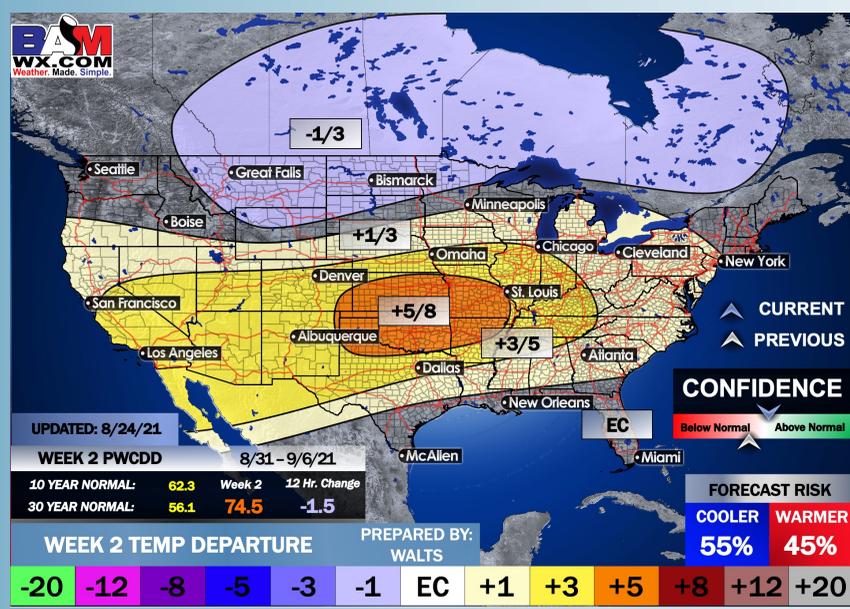
- We will need to keep a close eye on a tropical storm potential in the week 2 timeframe. More discussion on slide 2.

- 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 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

