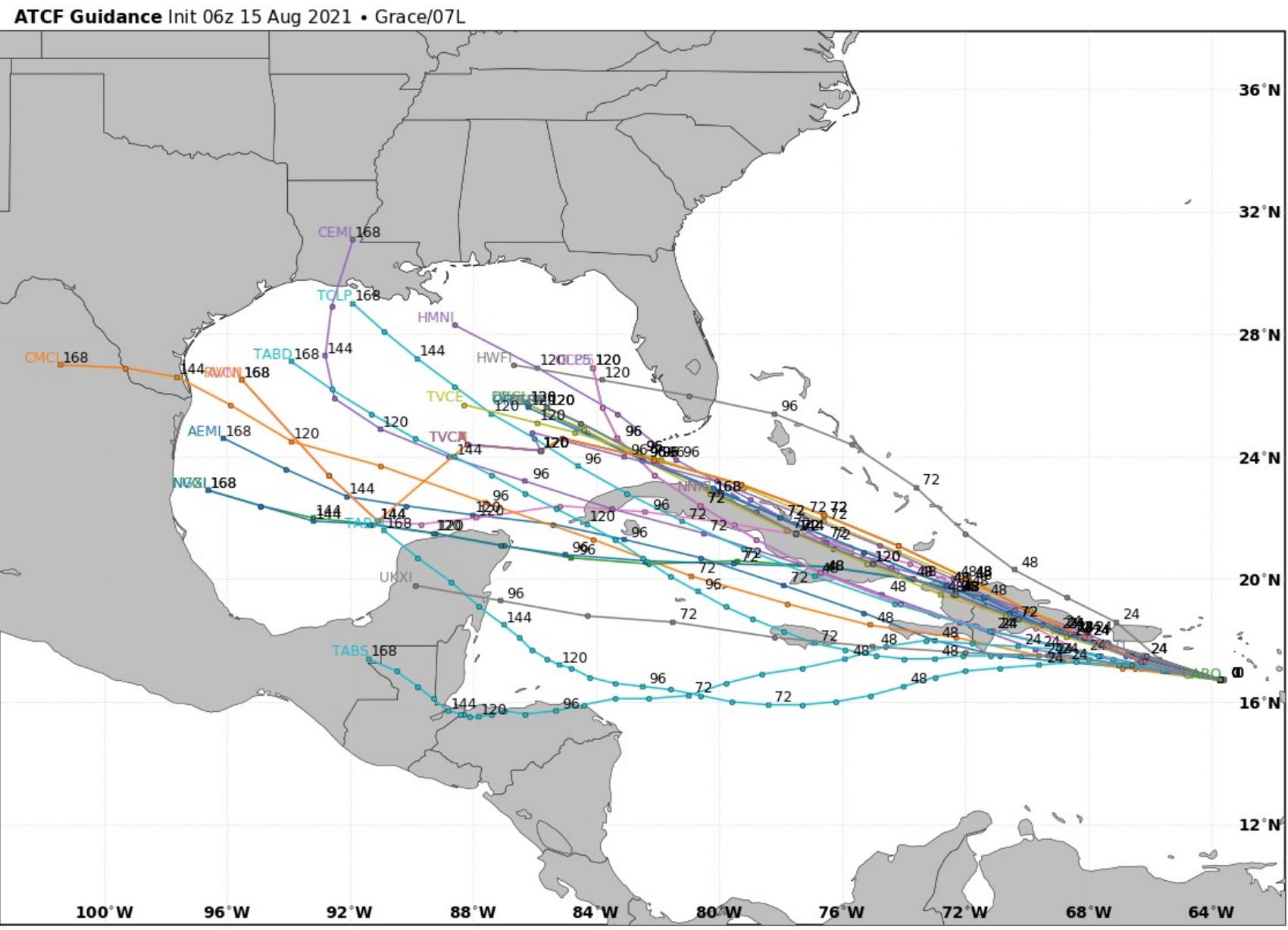


Updated: 5:30 AM CT, Sunday, August 15, 2021

- **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:

Multi-Model Tracks



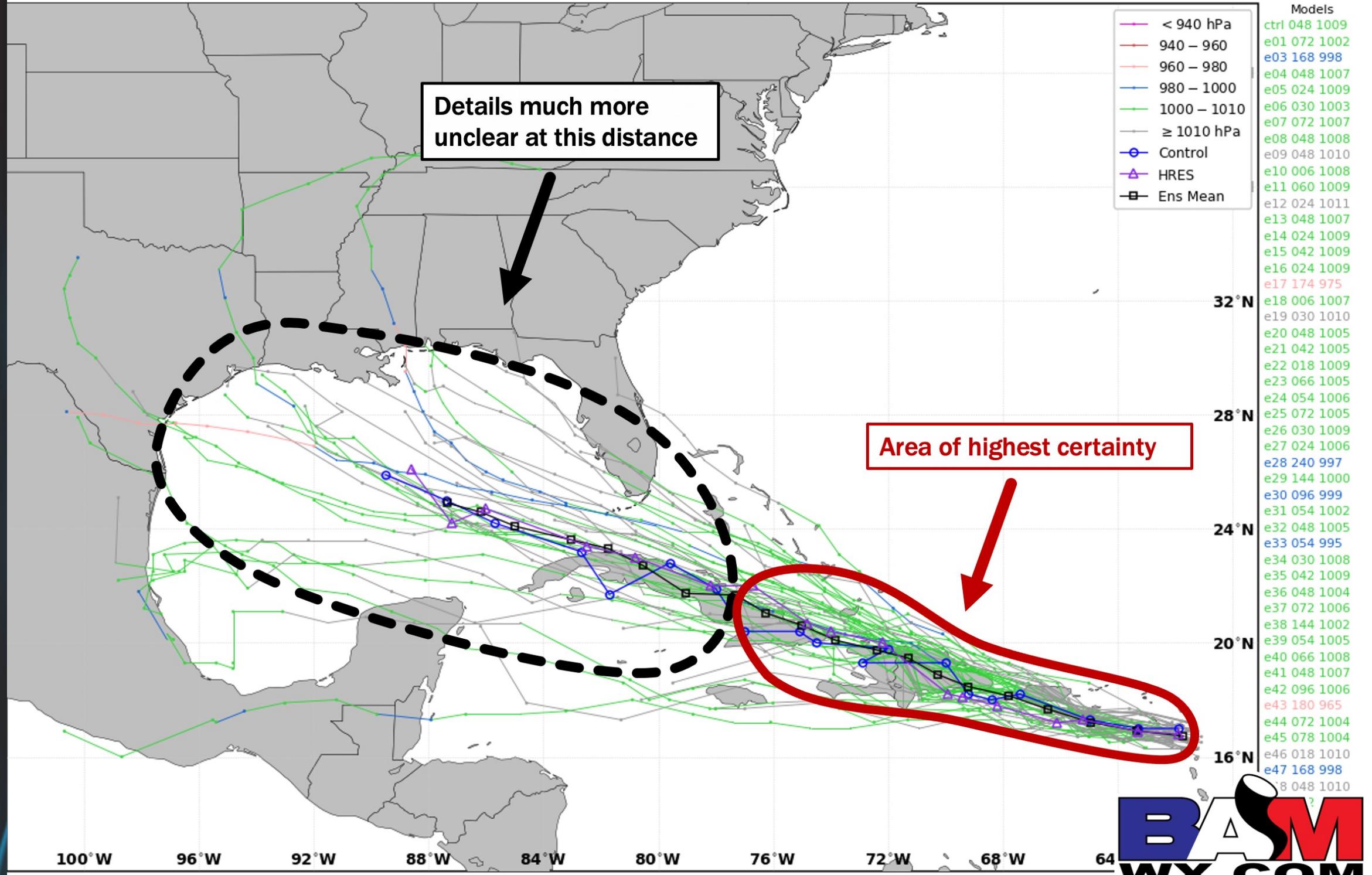
Model guidance only. Expert interpretation required. Check NHC official forecasts. Refresh every 30 minutes for the most recent data.

Tropical Storm Grace continues to be something we need to monitor as head into the coming week. T.S Grace is expected to track along/through the Northern Caribbean islands over the next several days before the track becomes a bit uncertain. It is looking more likely that Grace will into the Gulf, but specific details like exact track and intensity beyond 5-7 days become very tricky. **If**** Grace were to survive the Caribbean islands and work into Central Gulf (which the potential has slightly increased over the past day or two), it would likely not be until ~Friday Aug 20th. The best window for any ****potential**** impacts to Houston would be Sat Aug. 21 – Mon Aug. 23. Details beyond that are very murky, but this is certainly a system to keep an eye on.**

Tropical Update:

Tropical Storm Grace

EPS Model Guidance Init 00z Sun 15 Aug 2021 • Grace/07L

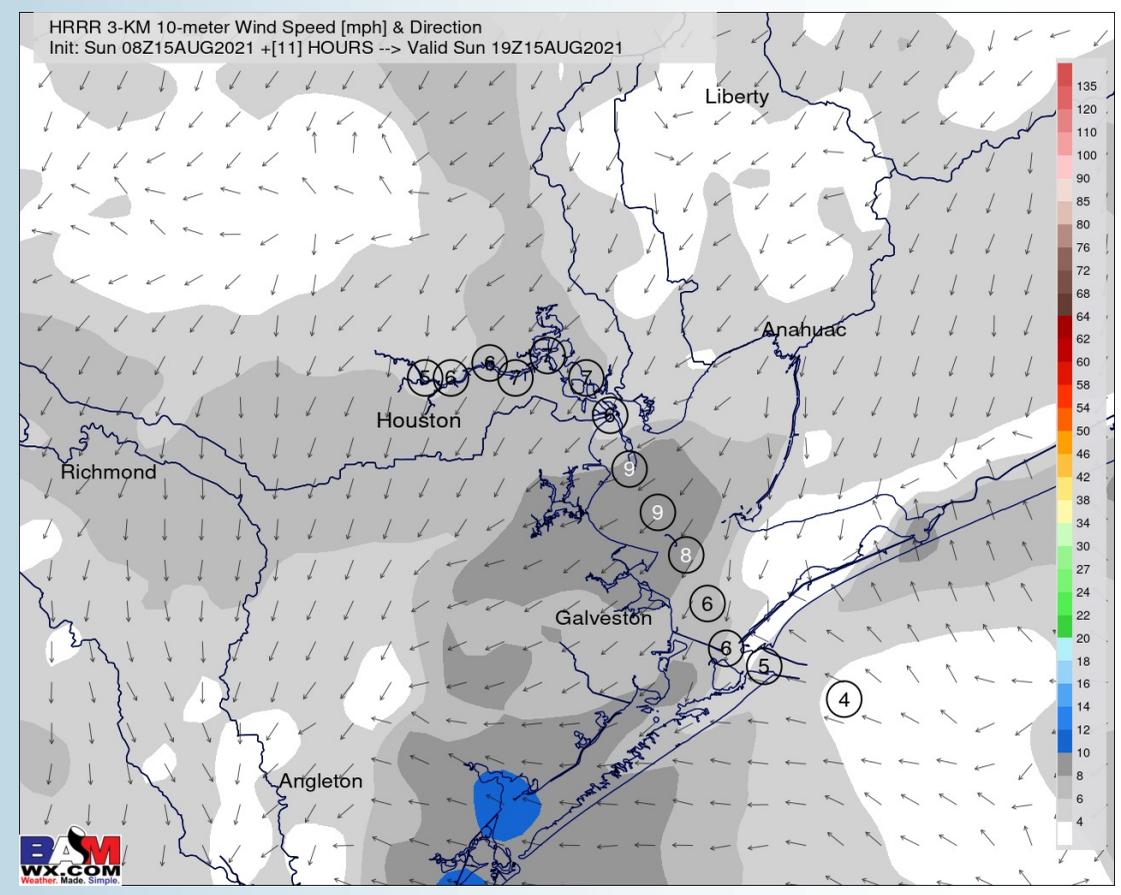


Model guidance only. Expert interpretation required. Check NHC/CPHC/JTWC official forecasts.

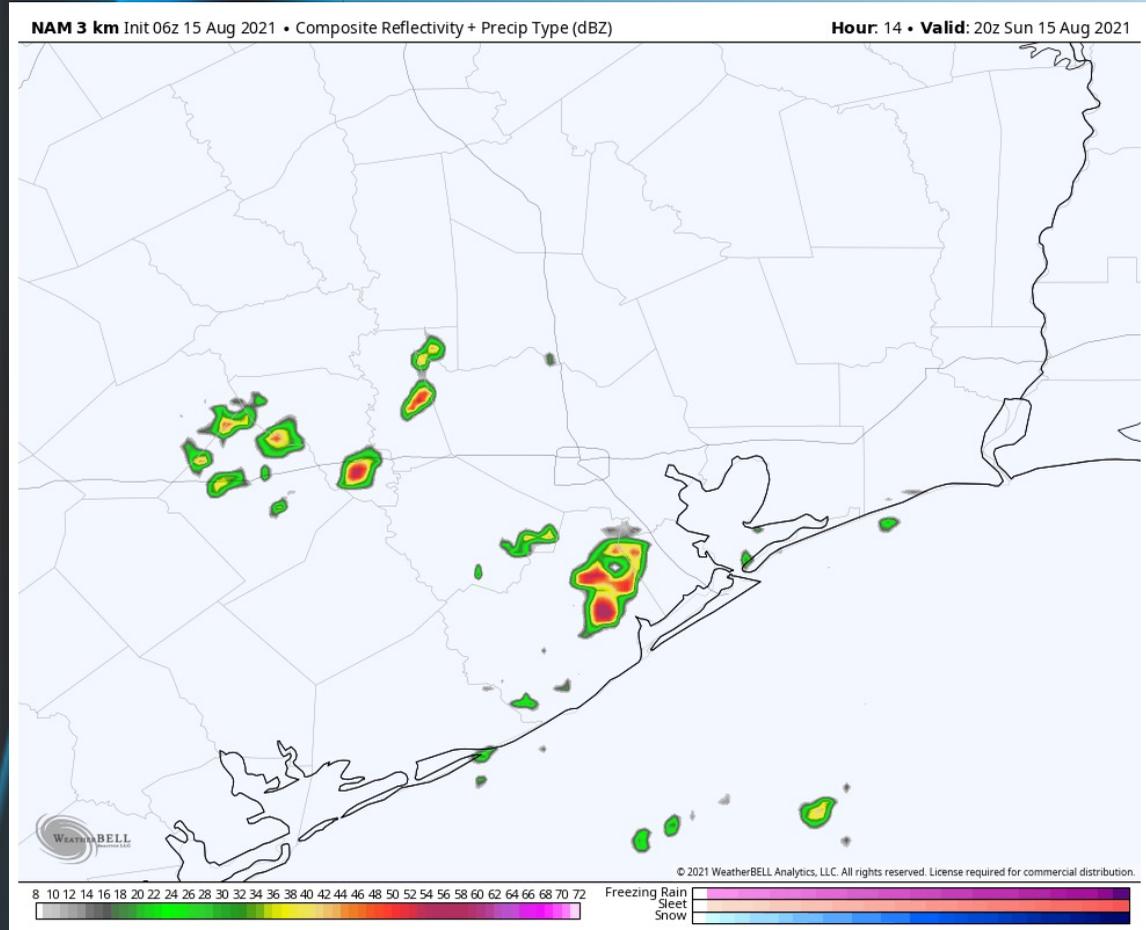
Short-Term Forecast Discussion

- **Hit and miss showers and storms are possible once again today, especially toward the afternoon hours with the peak heating of the day primarily for our Northern stations. Locally heavier rainfall rates will continue to be possible with any cell. Chances will overall continue to remain on the lower side (20-30%).**
- **Expecting winds to continue coming out of the NE at 5-10 MPH before they then look to turn more out of the SSE by late afternoon ~6 PM at 8-13 MPH with gusts locally higher.**
- **Today will be another day for high temps to work into the upper 80s / lower 90s.**
 - ***No fog is expected for today.***

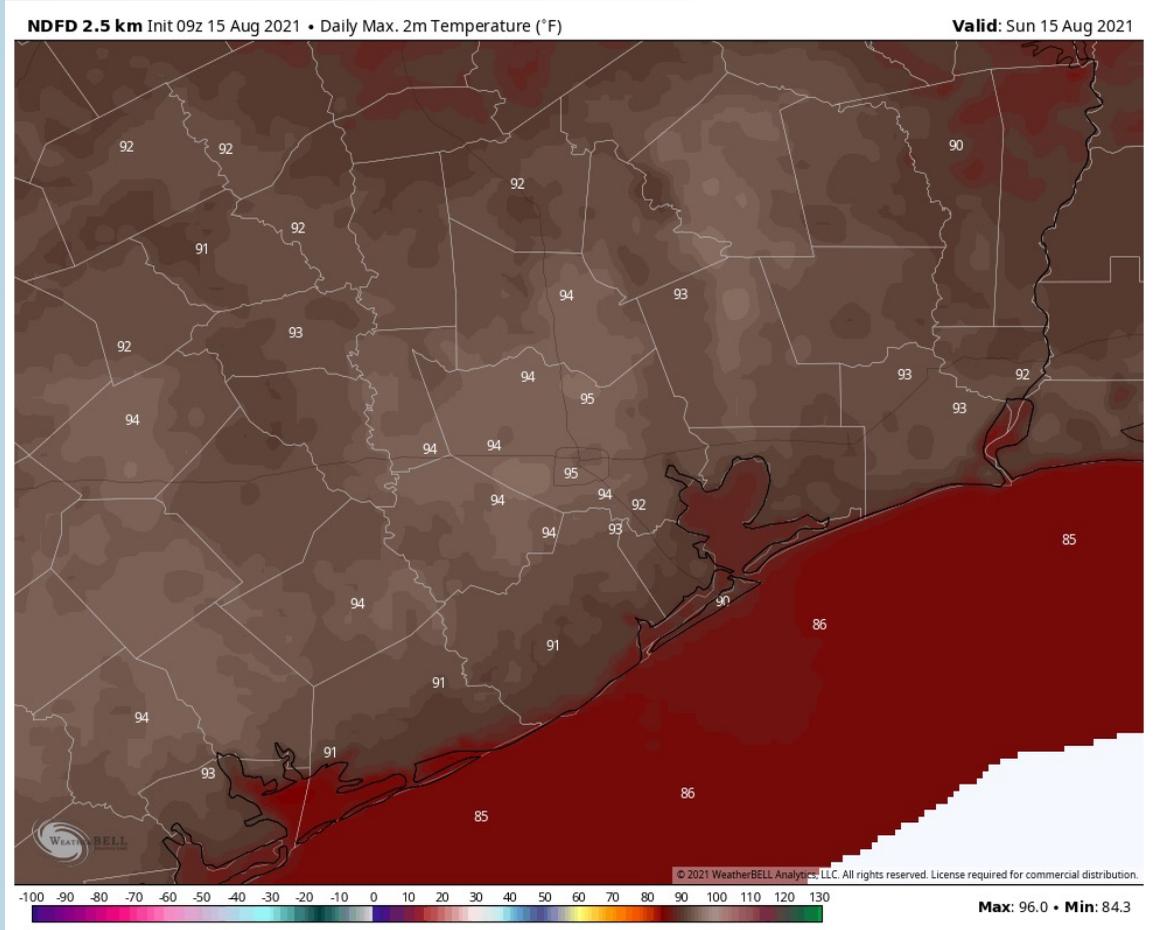
Sustained Winds (1 PM CT)



Simulated Radar Snapshot (5 PM CT)



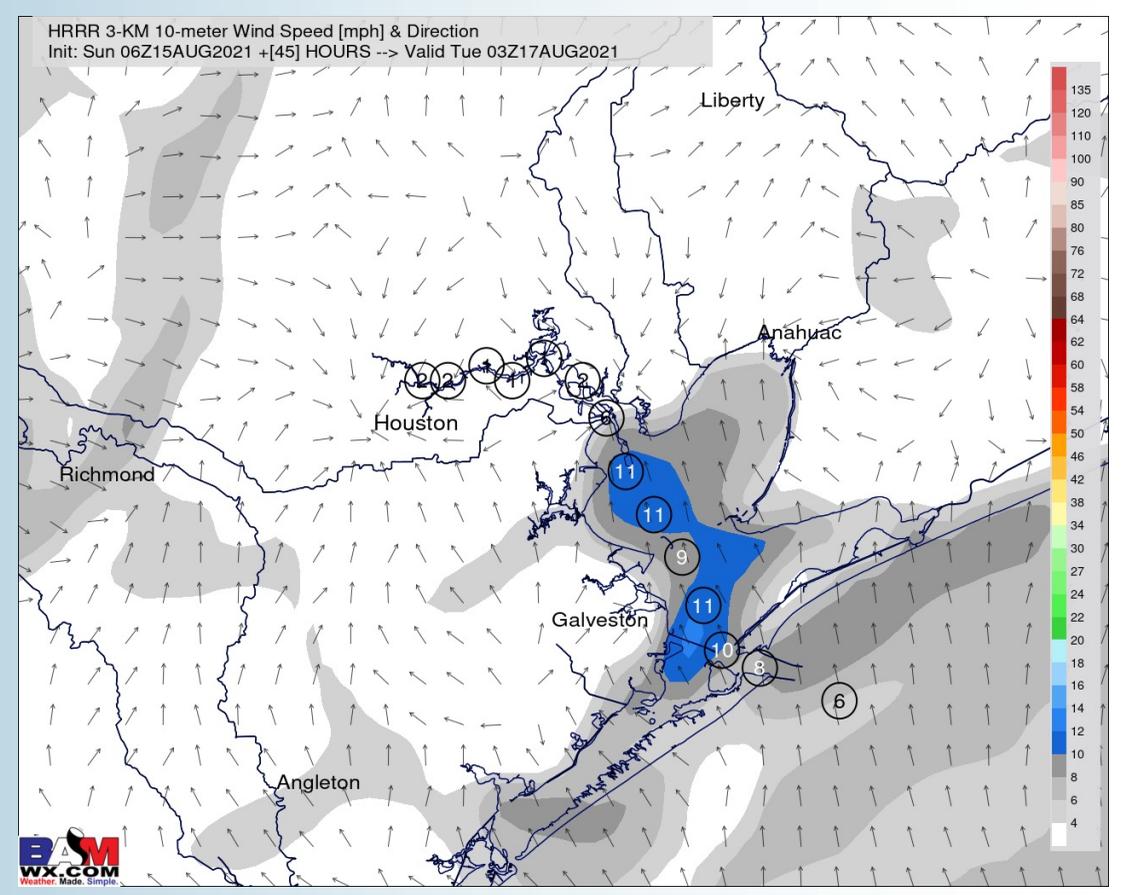
High Temps Today



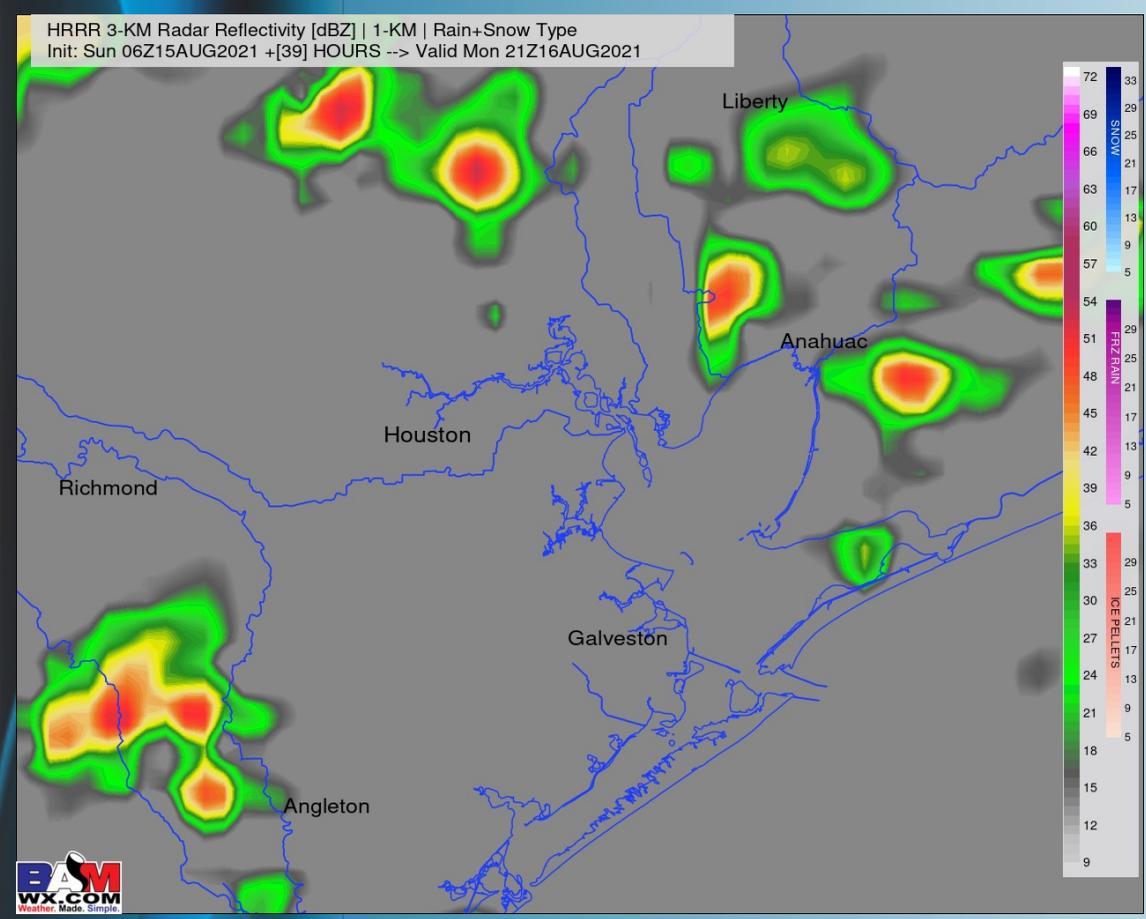
Short-Term Forecast Discussion

- Monday will be no different regarding hit and miss ~30% chances of spotty activity. While a few pockets of precip will be possible in the AM, the mid afternoon will continue hold the best potential for precip throughout the day.
- Expecting winds around midnight to shift from Southerly to Northerly and be quite light Monday AM, 5-10 MPH. The afternoon sees a wind shift back to southerly at 8-13 MPH gusts to 15 MPH at the boarding station being possible.
- Monday's temps will be similar to the past several days, upper 80s to lower 90s. "Feels-like" temperatures near 100 F will be possible.
- *There are some suggestions of fog generally north of our stations into Monday. No fog favored for the stations Monday morning at this distance.*

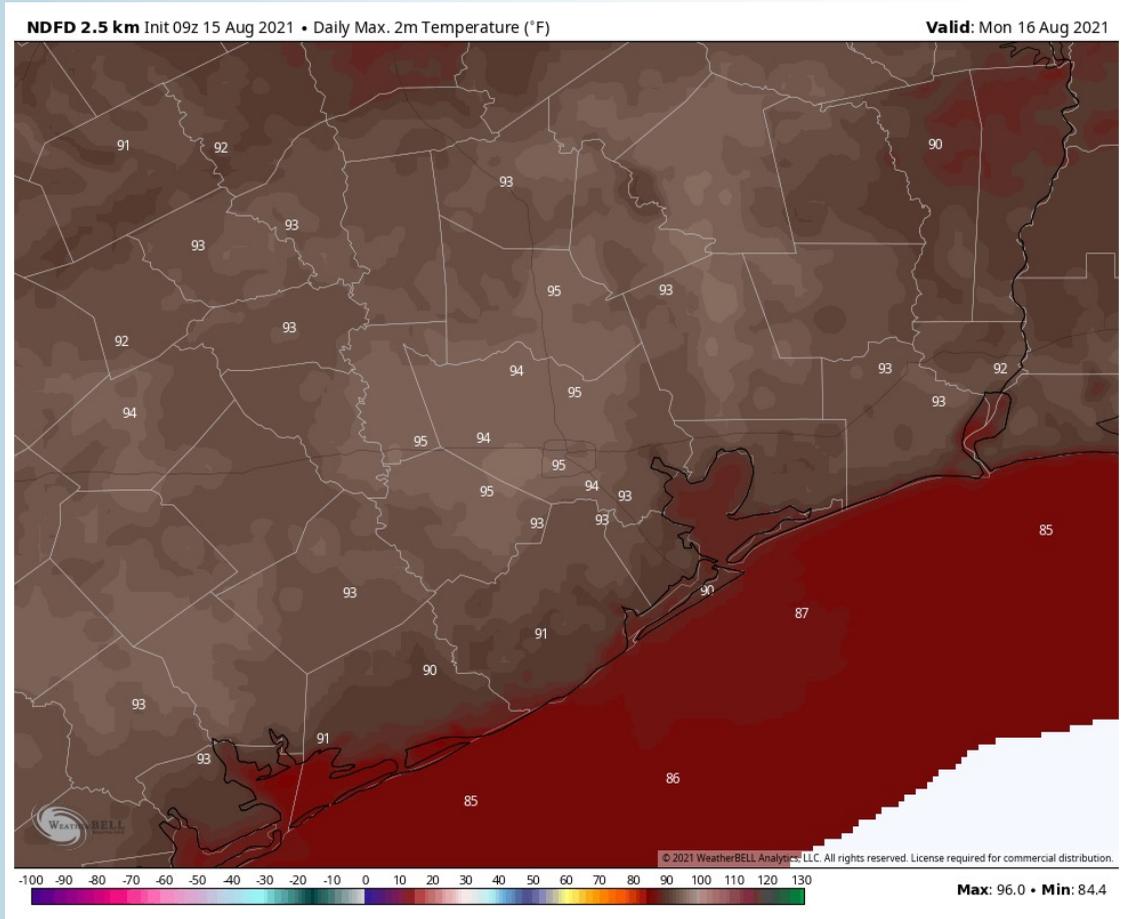
Wind Speeds (9 PM CT)



Simulated Radar Snapshot (4 PM CT)



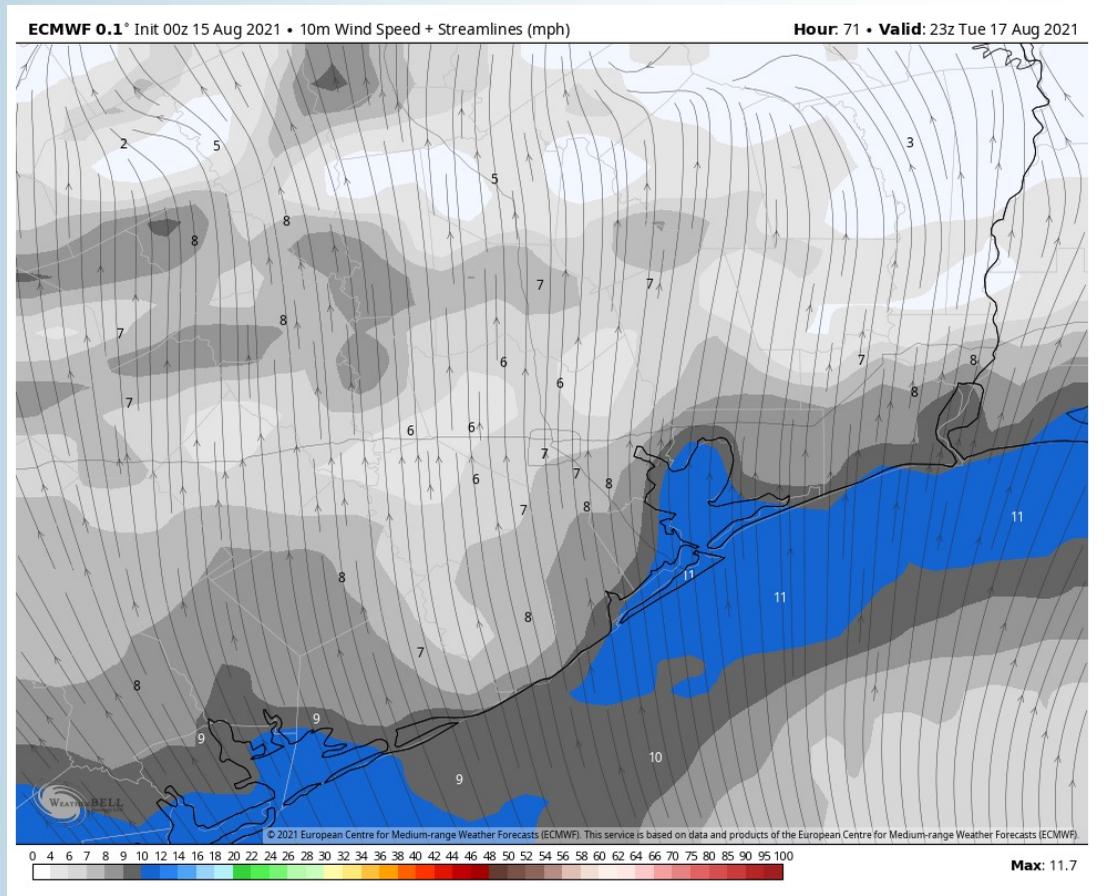
High Temps Monday



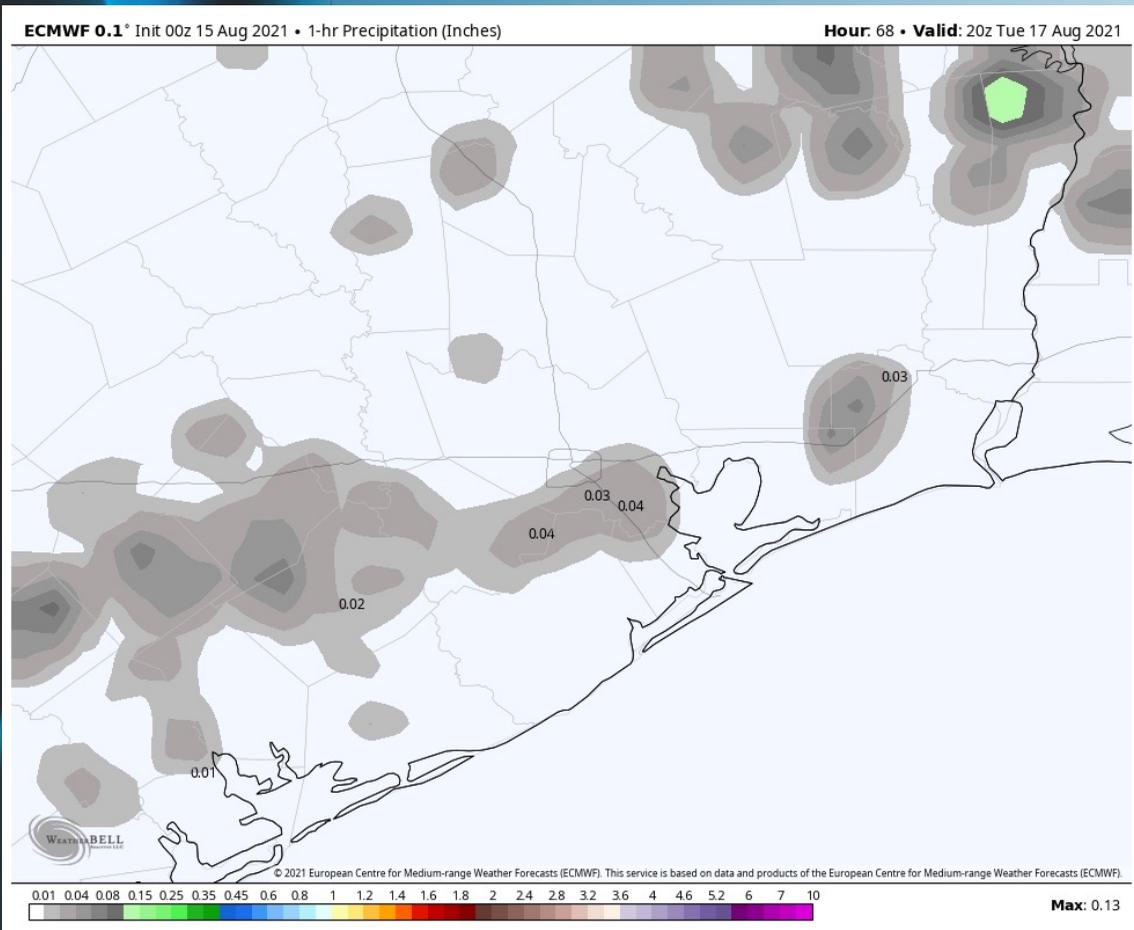
Short-Term Forecast Discussion

- Tuesday will be a repeat of the last several days with ~30% chances for pop up shower/t-storms. Something isolated possible in the daybreak hours before better overall chances arriving into the afternoon hours.
- Tuesday's winds look to be similar to today (Sun) and Monday – starting out the first half of the day coming out of the N/NNE at 5-10 MPH before shifting out of the South into the afternoon at 8-13 MPH.
- High temperatures expected to sit in the upper 80s to lower 90s for much of the region.
 - *Not favoring fog for the day Tuesday.*

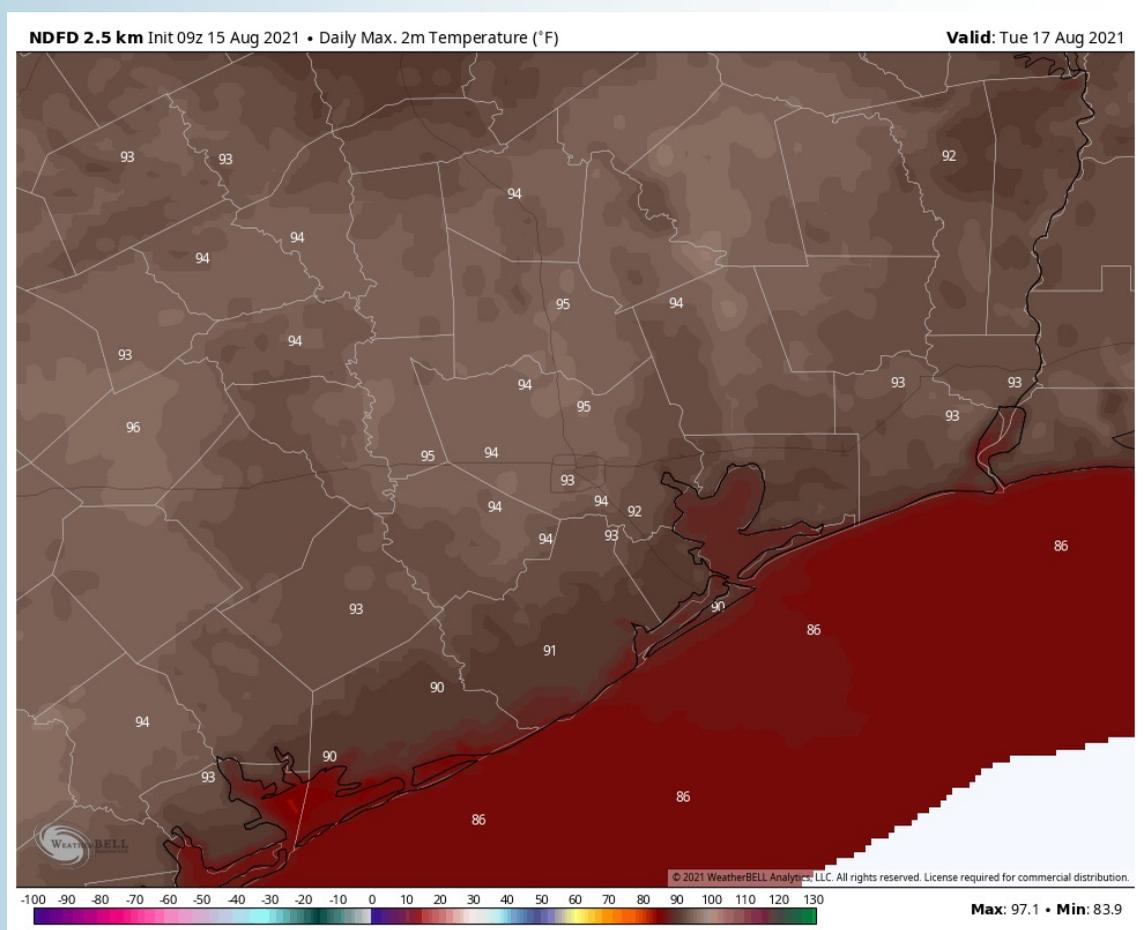
Wind Speeds (5 PM CT)



Simulated Radar Snapshot (4 PM CT)



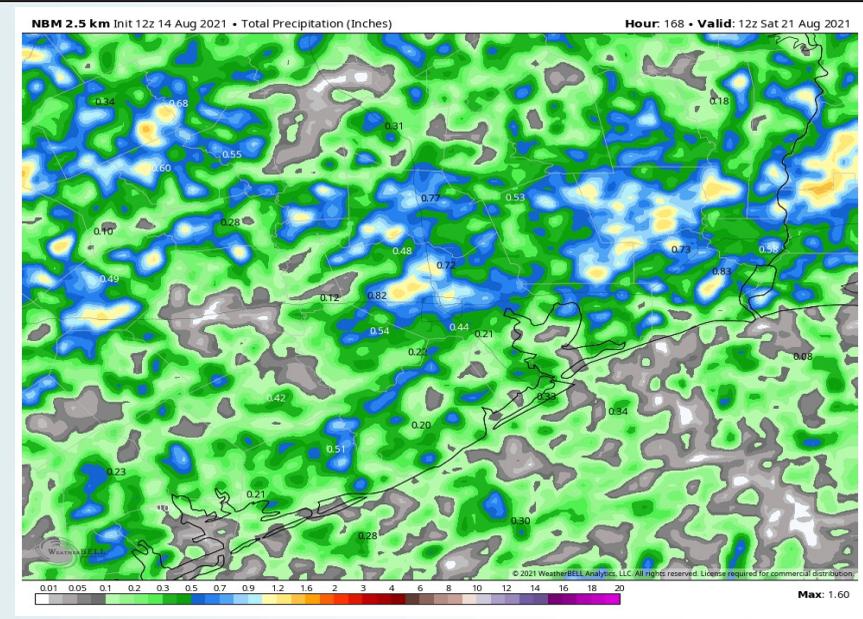
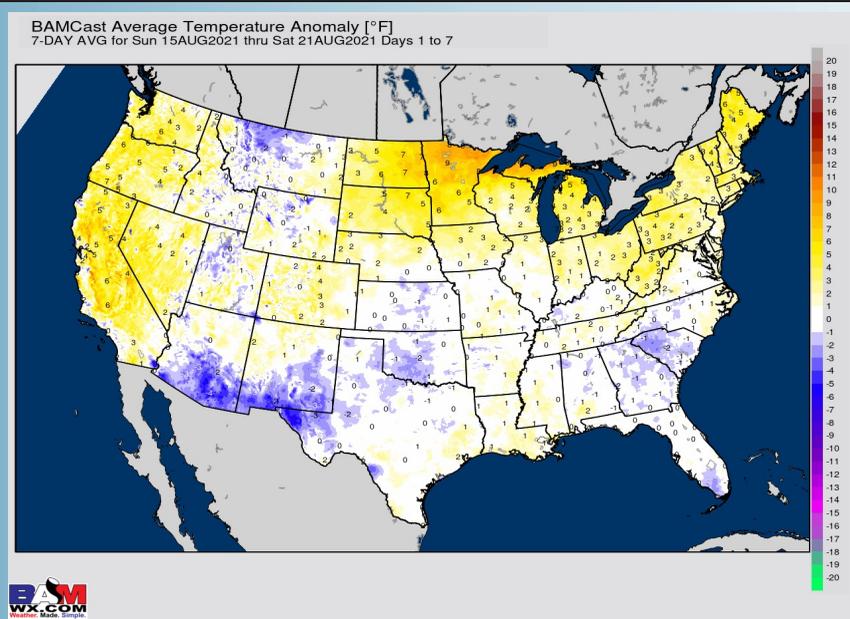
High Temps Tuesday



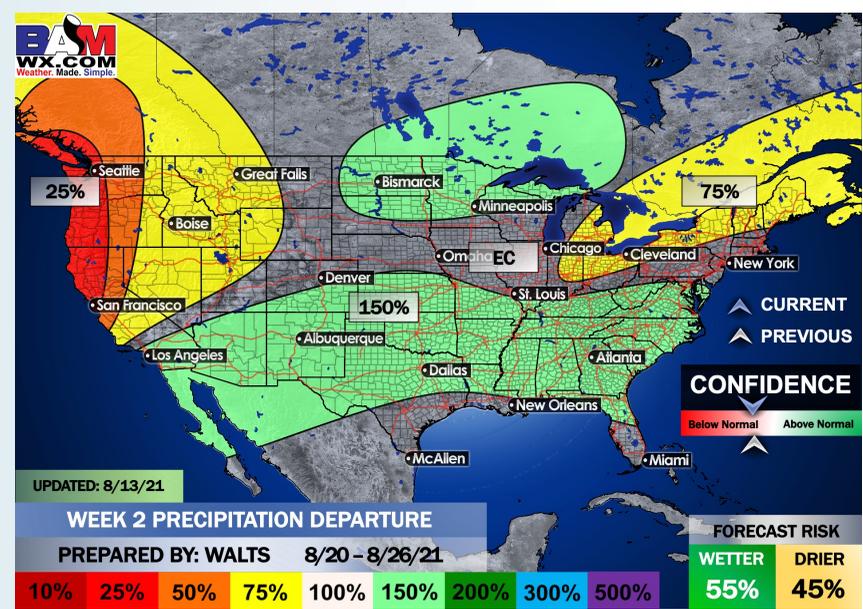
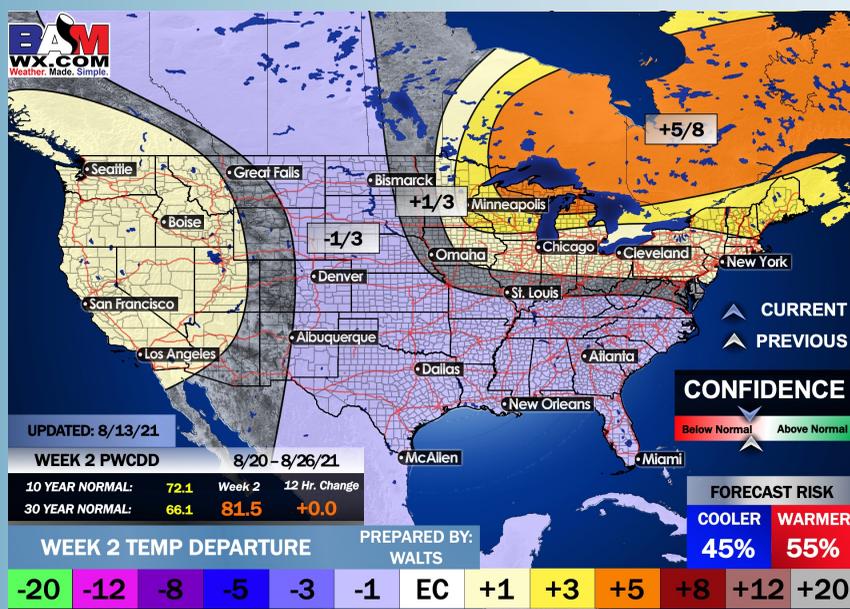
Long-Range Forecast Discussion

- Scattered showers and storms will continue to pop-up through much of this week. Some storms may bring heavy rainfall and gusty winds. Best chance for precipitation comes during the afternoon hours when the most energy/instability is present.
- Cooler than normal temperatures and normal chances to see average precipitation risks look to be present as we head into the 3rd week of August. We will continue to monitor Grace for any potential impacts
- Late August into early September is forecasted to have cooler temperatures and above normal precipitation risk for the HOU area.

Week 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

