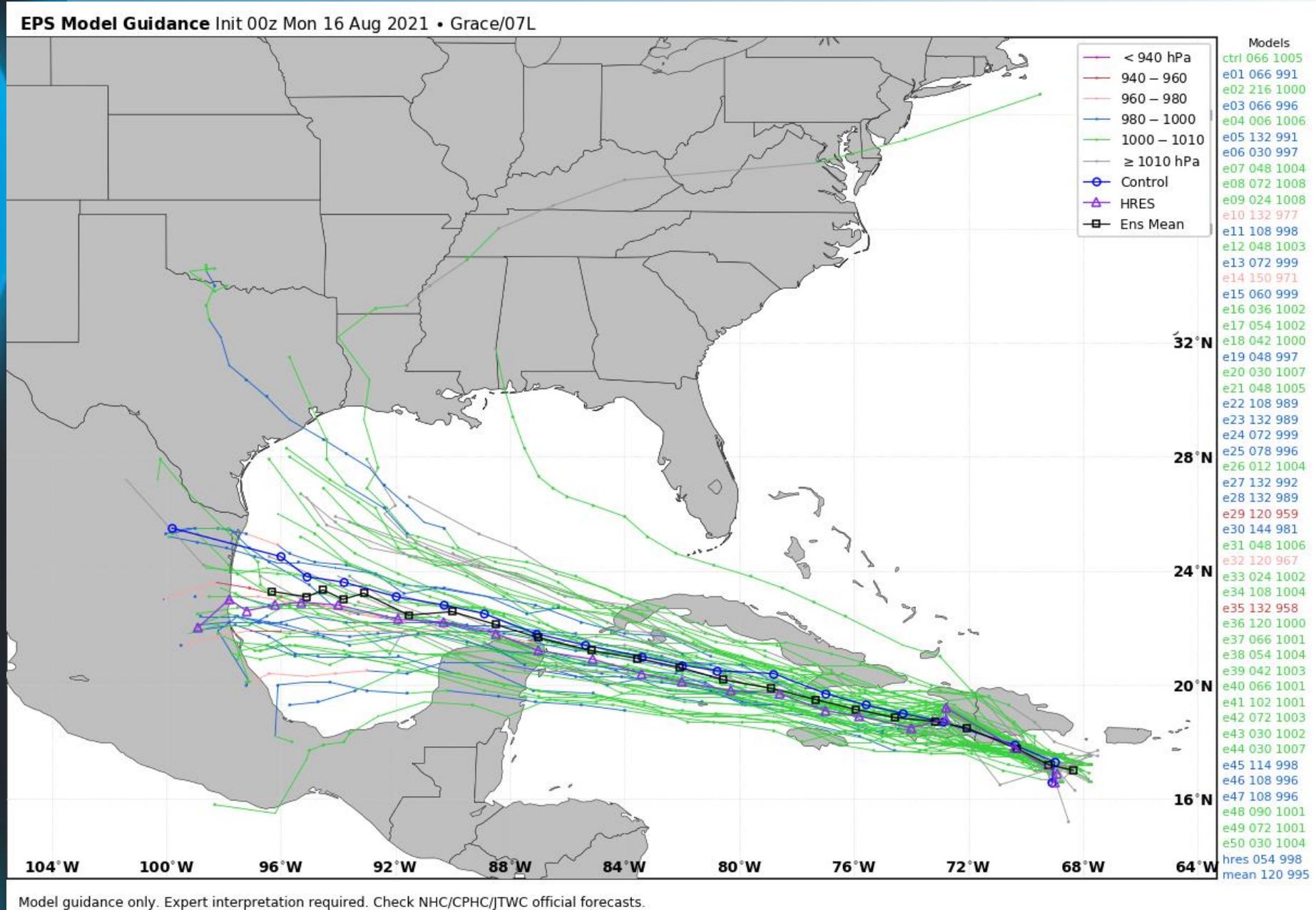


**Updated: 5:00 AM CT, Monday, August 16, 2021**

- **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

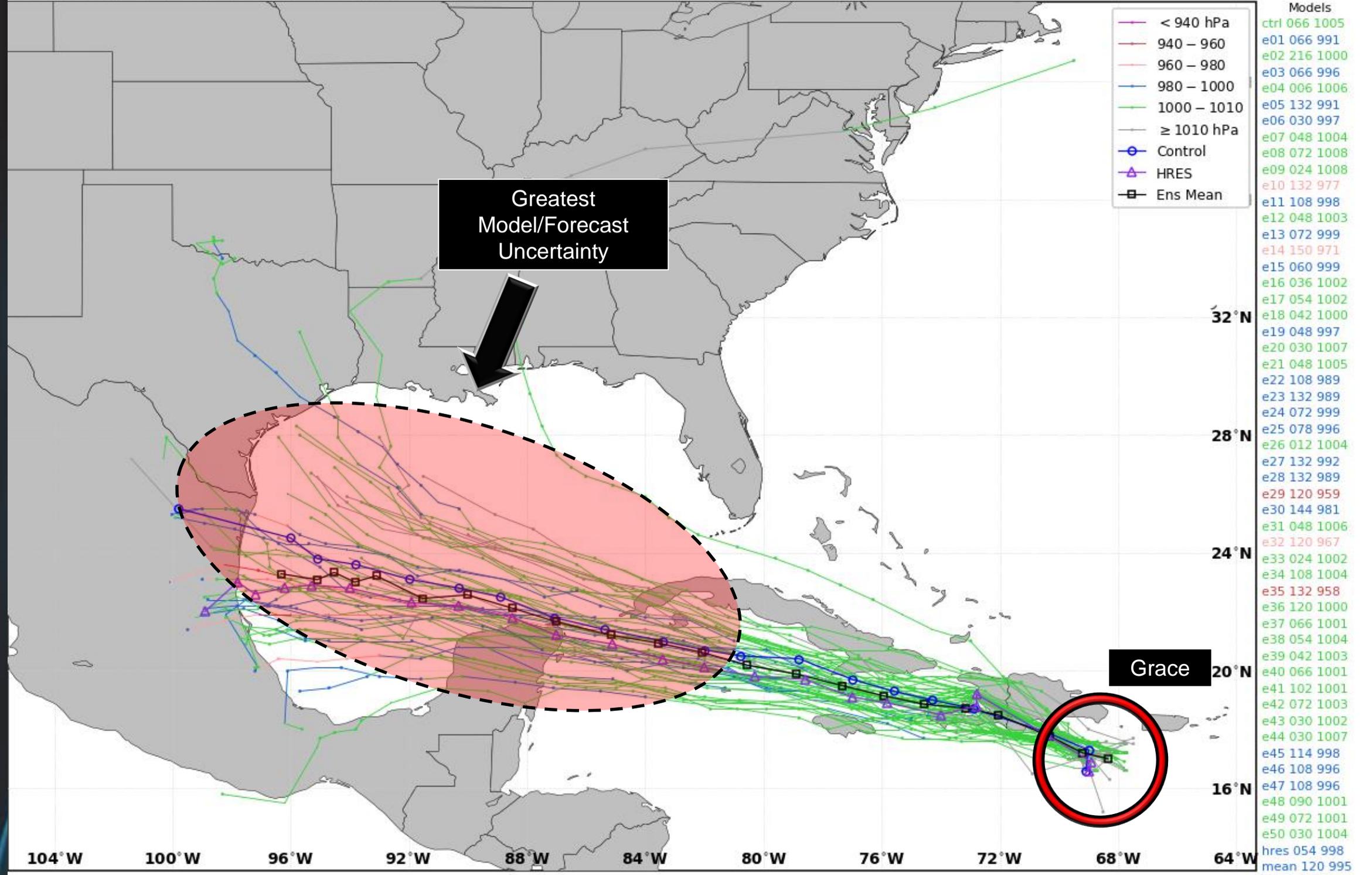


Tropical Depression Grace continues to be something we need to monitor as we head into this week. T.D Grace is expected to track along the Southern shores of Haiti and Cuba over the next several days before the track becomes a bit uncertain. Grace does look to hold on and make it over the islands before strengthening over the Gulf. Specific details like exact track and intensity beyond 5-7 days becomes very tricky. Grace looks to enter the Gulf sometime on Thursday August 19th. 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. The majority of the models do take Grace South of Houston at this time.

# Tropical Update:

## Tropical Storm Grace

EPS Model Guidance Init 00z Mon 16 Aug 2021 • Grace/07L



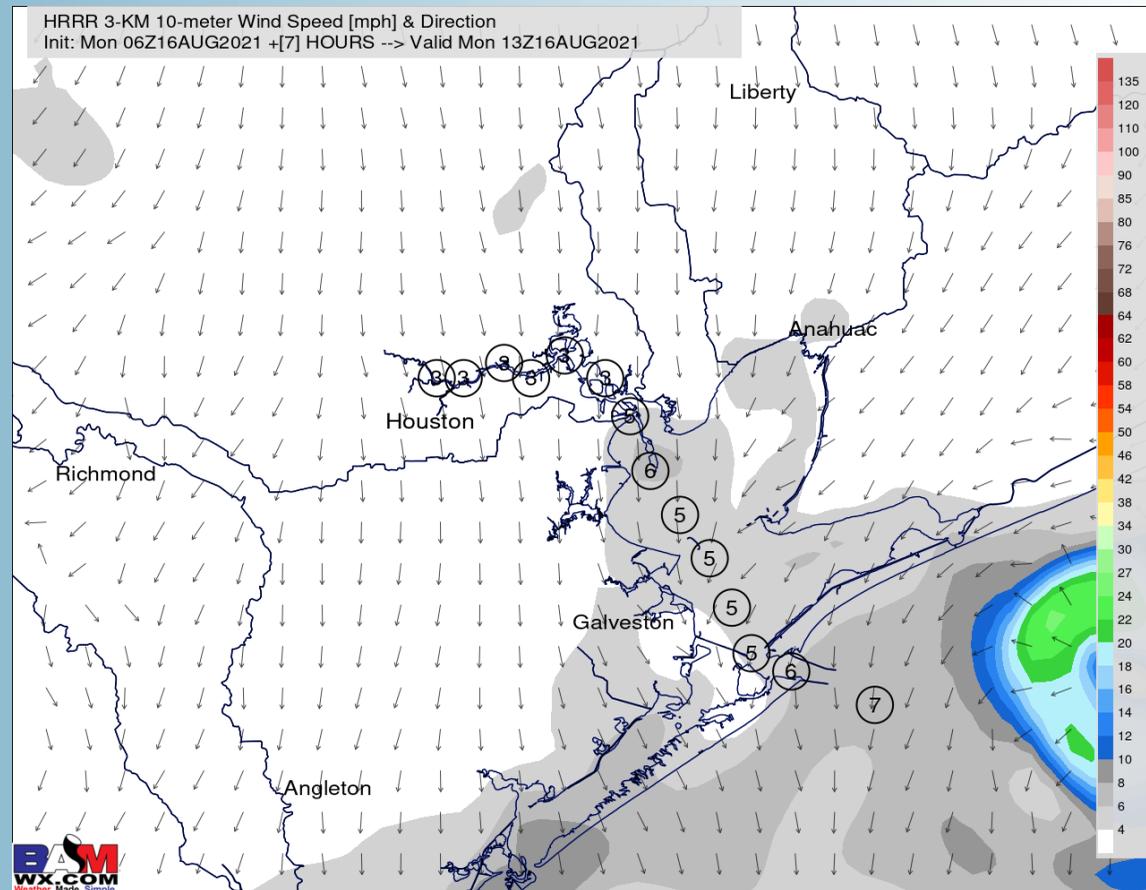
Model guidance only. Expert interpretation required. Check NHC/CPHC/JTWC official forecasts.



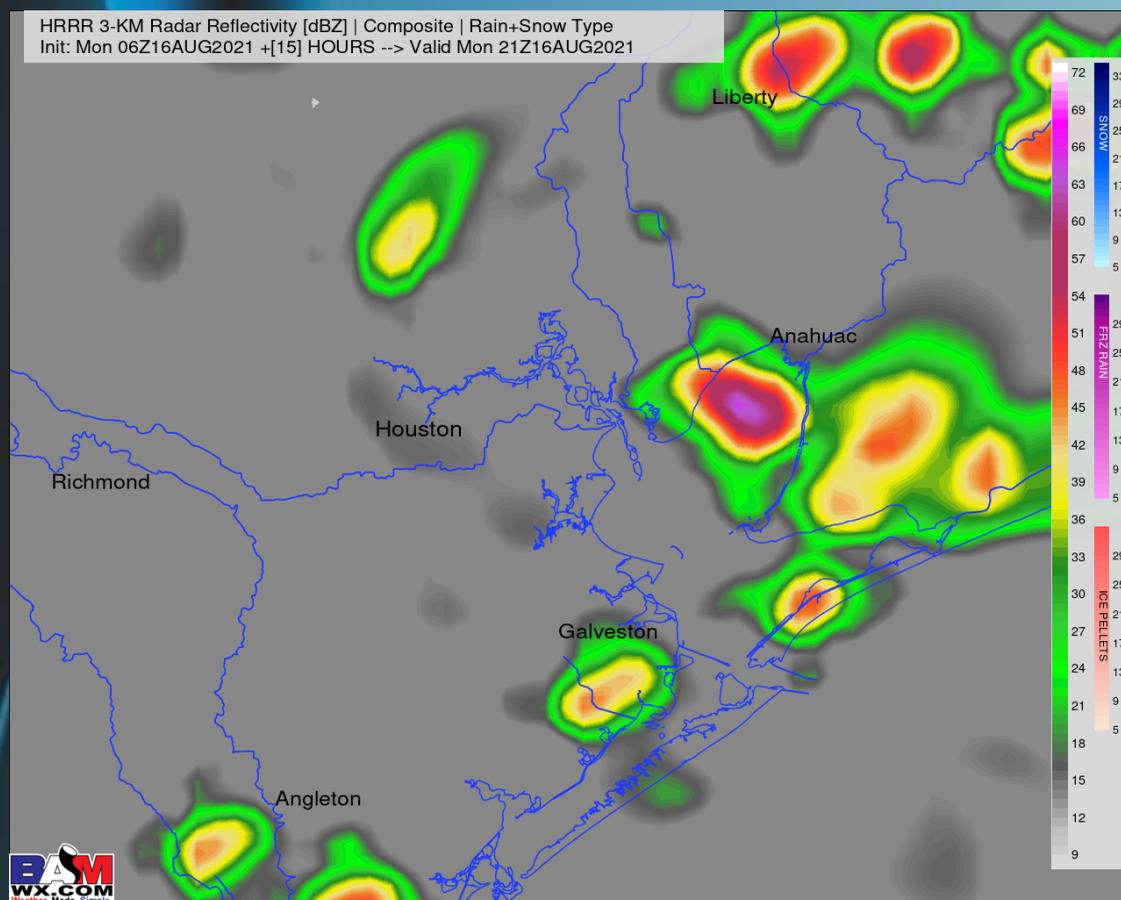
## Short-Term Forecast Discussion

- Monday will be no different regarding hit and miss ~40% chances of spotty activity. While a few pockets of precip will be possible in the AM, the mid afternoon will continue to hold the best potential for precip throughout the day.
- Expecting winds around noon to shift from Southerly to Northerly and be quite light Monday AM, 3-8 MPH. The afternoon sees a wind shift back to southerly at 8-13 MPH with gusts up to 30 MPH possible under any cell.
- 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.
- *No fog is expected at this time today.*

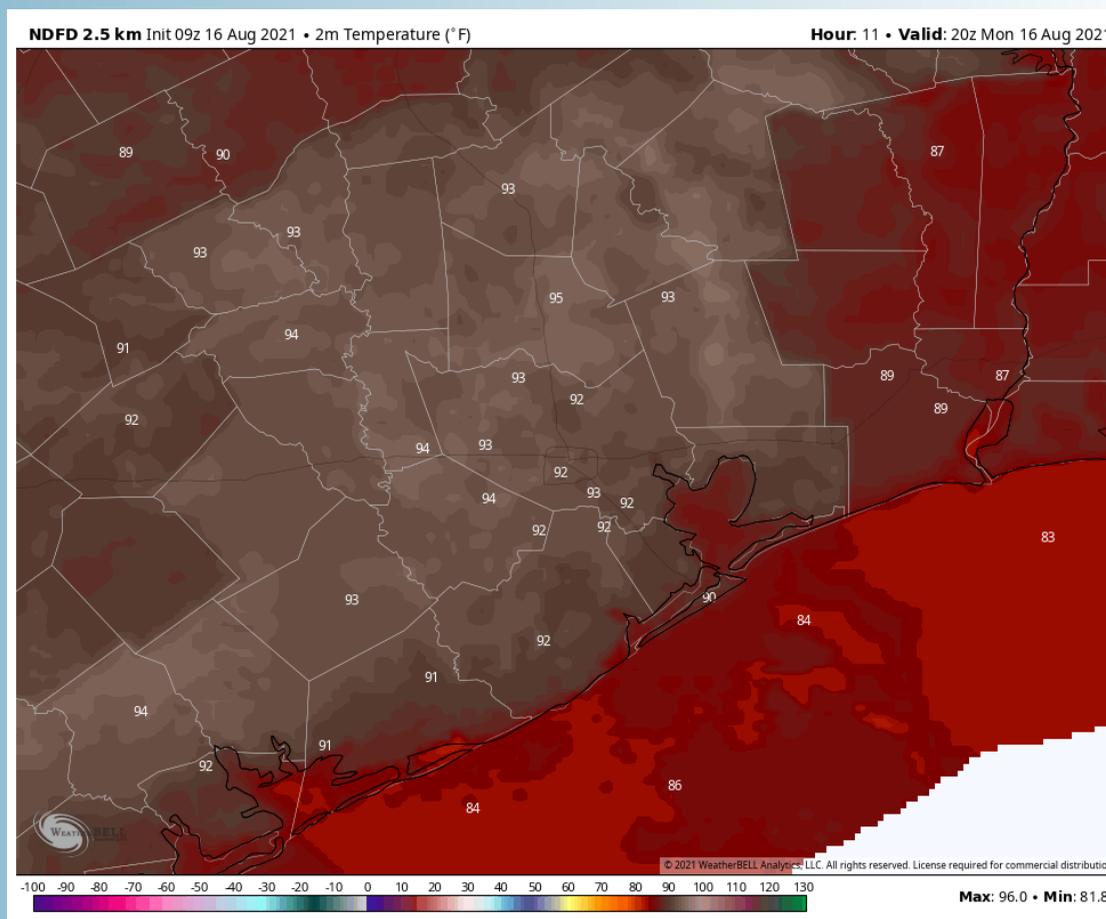
## Wind Speeds (8 AM CT)



## Simulated Radar Snapshot (4 PM CT)



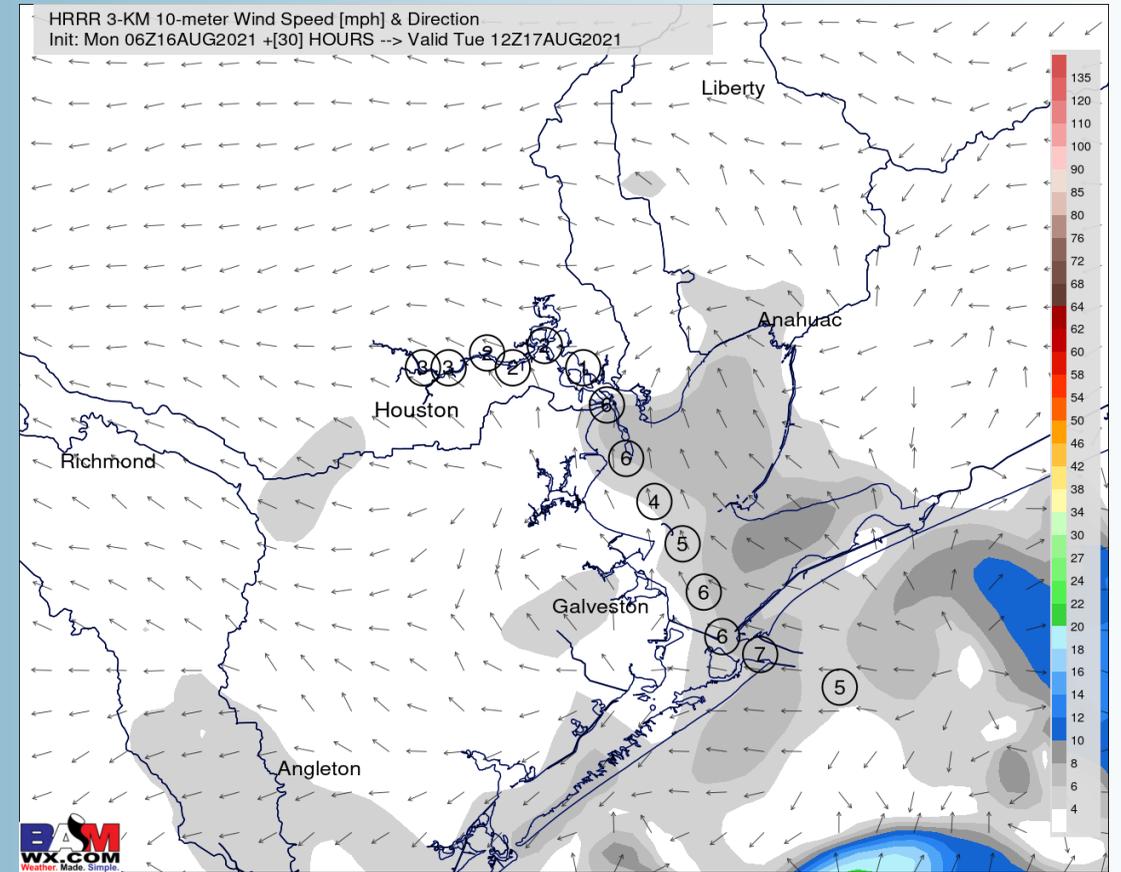
## High Temps Monday



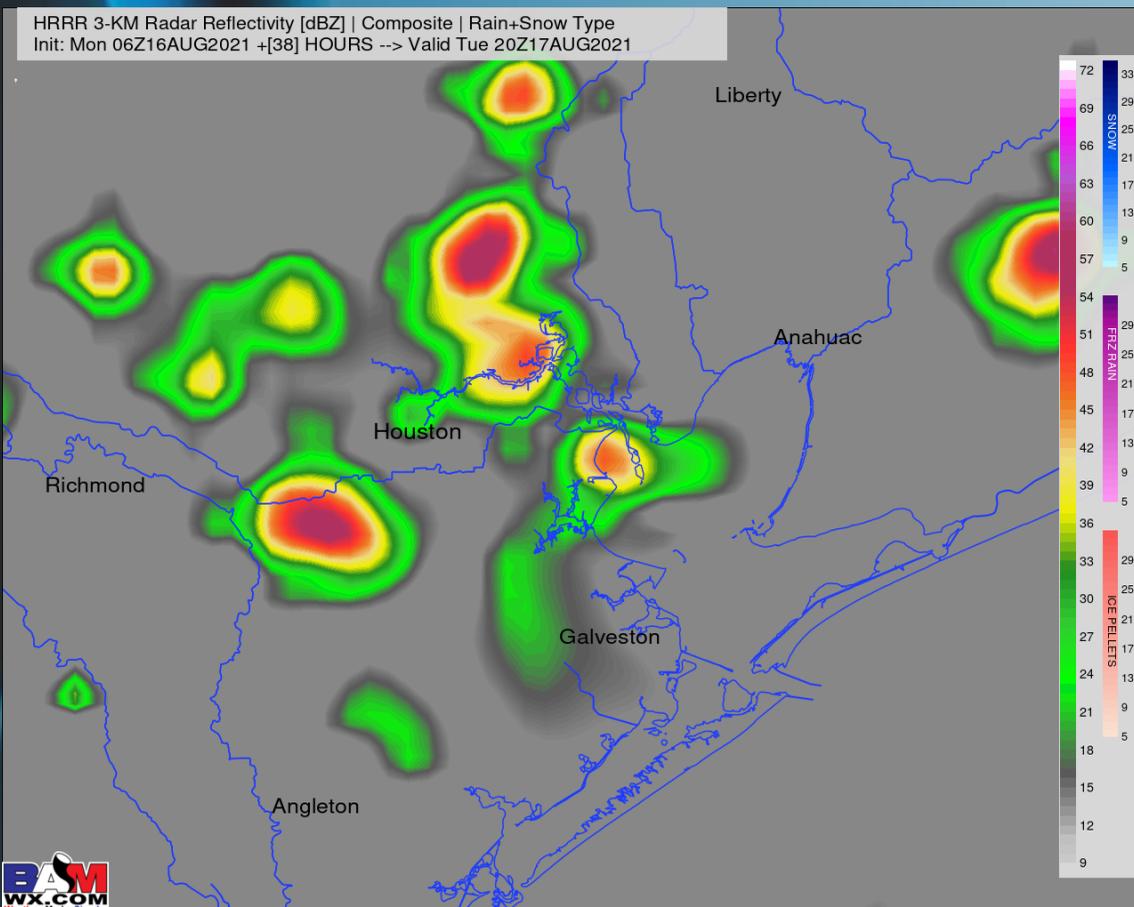
## Short-Term Forecast Discussion

- Tuesday will be a repeat of the last several days with ~30% chances for pop up shower/storms. Something isolated possible in the daybreak hours before better overall chances arriving into the afternoon hours.
- Winds will be moving from the ESE at 3-8 MPH with a few gusts up to 30 MPH with any storm that does pop-up in the afternoon.
- High temperatures expected to sit in the upper 80s to lower 90s for much of the region.
  - *Not favoring fog for the day Tuesday.*

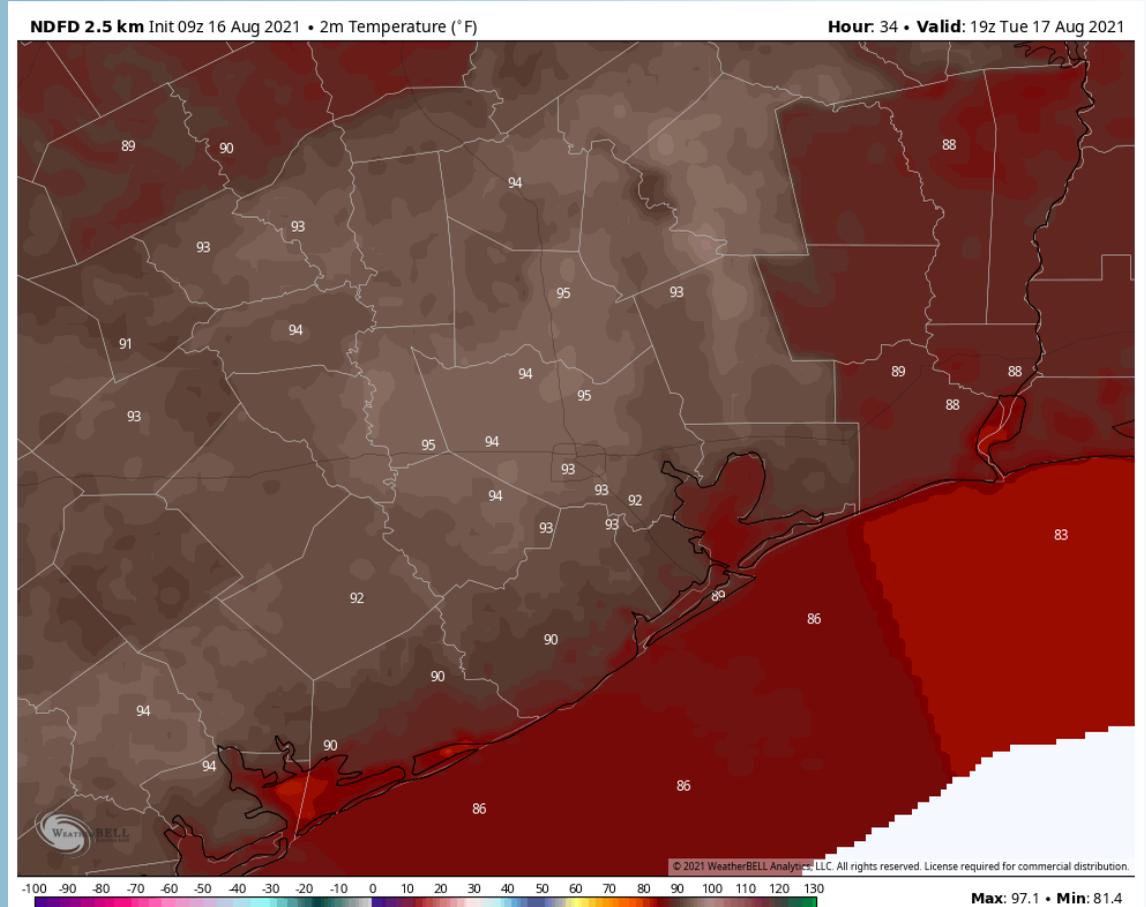
## Wind Speeds (7 AM CT)



## Simulated Radar Snapshot (4 PM CT)



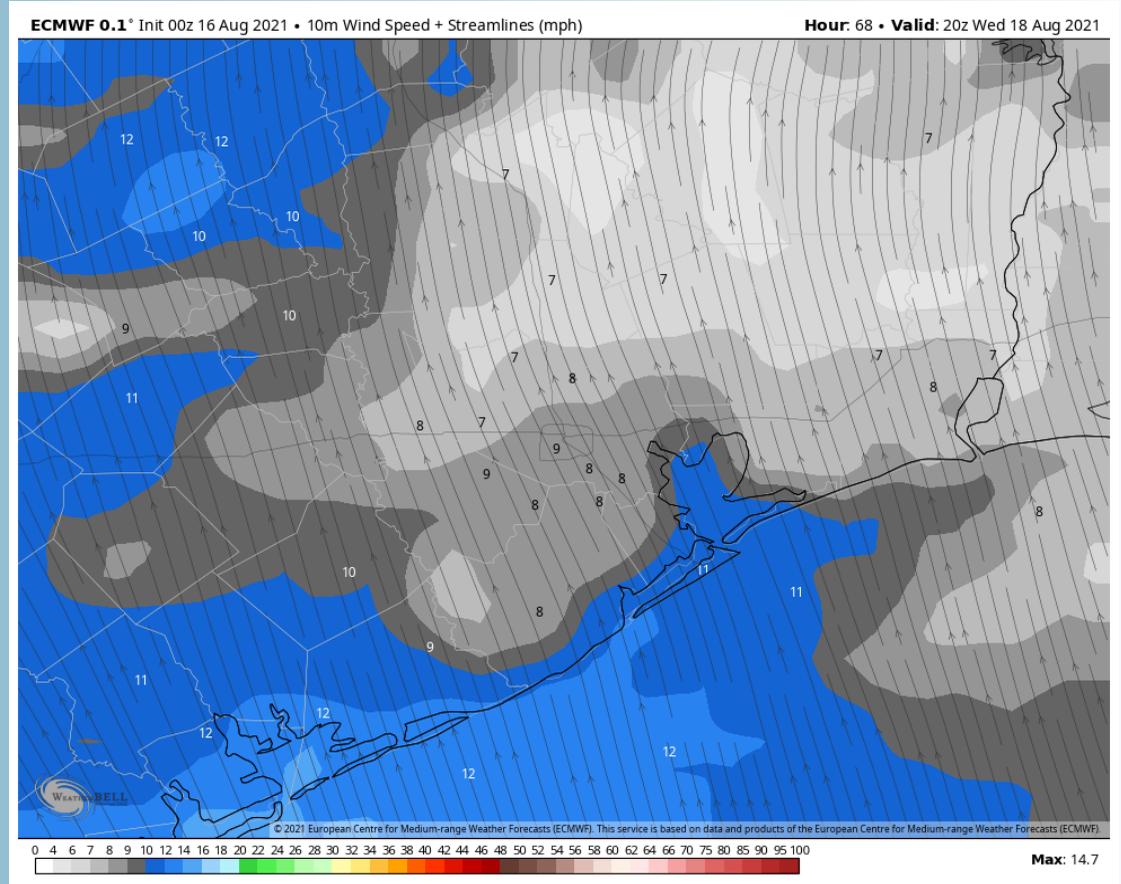
## High Temps Tuesday



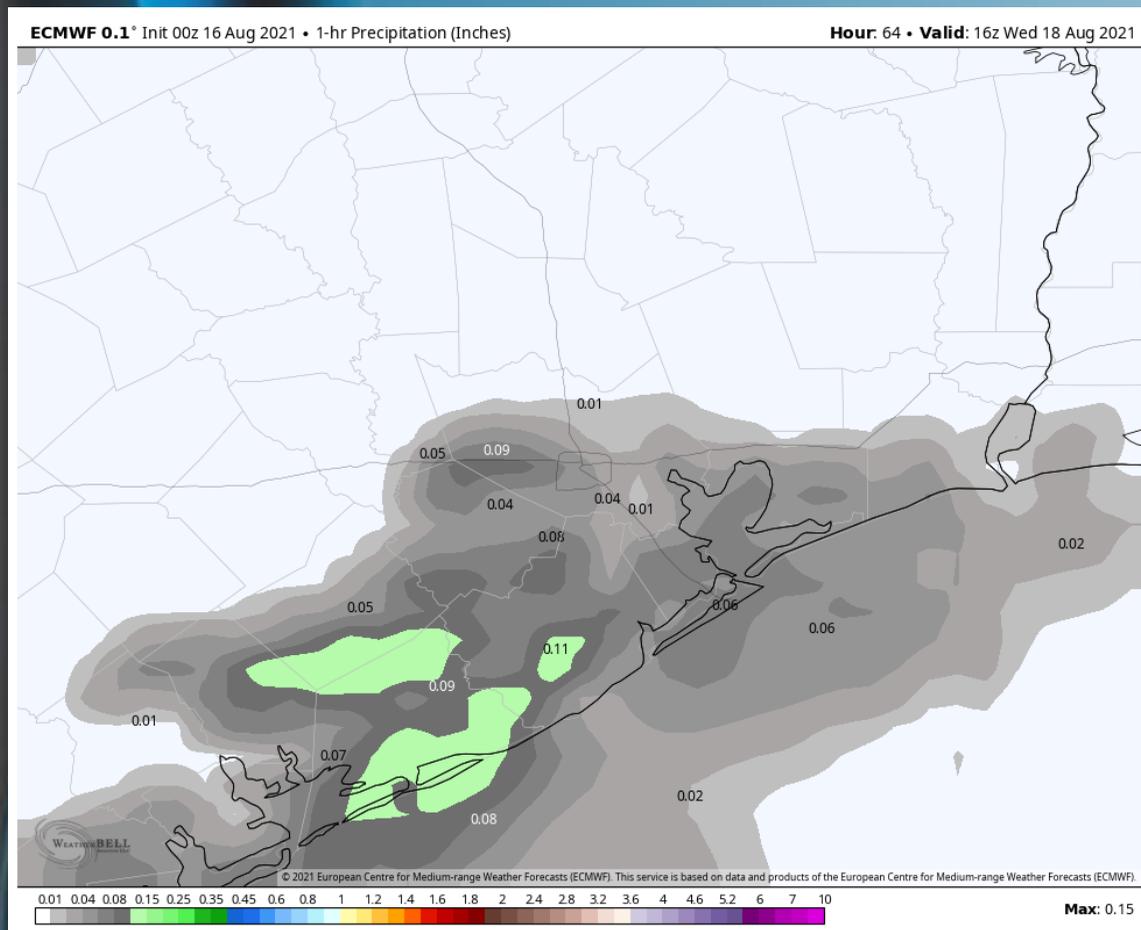
## Short-Term Forecast Discussion

- Showers and storms will be possible during the late morning hours through the afternoon hours with the heating of the day. Chances look to be between 30-40% once again.
- Winds will be from the SSE at 5-10 MPH with locally higher gusts with any storm that does roll through during the afternoon hours.
- High temperatures will be in the low 90s inland and upper 80s in the bay area and towards the coast.
- *No fog is expected Wednesday.*

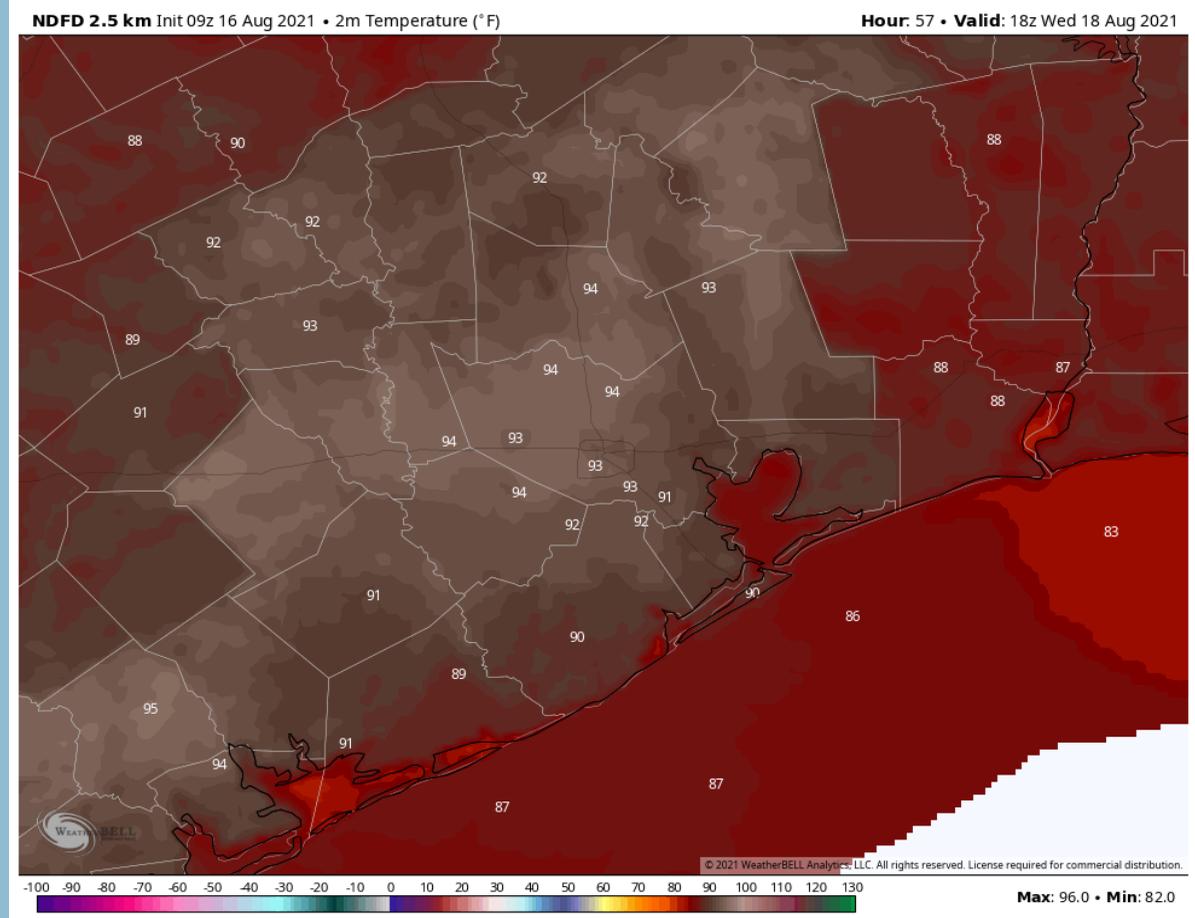
## Sustained Winds (3 PM CT)



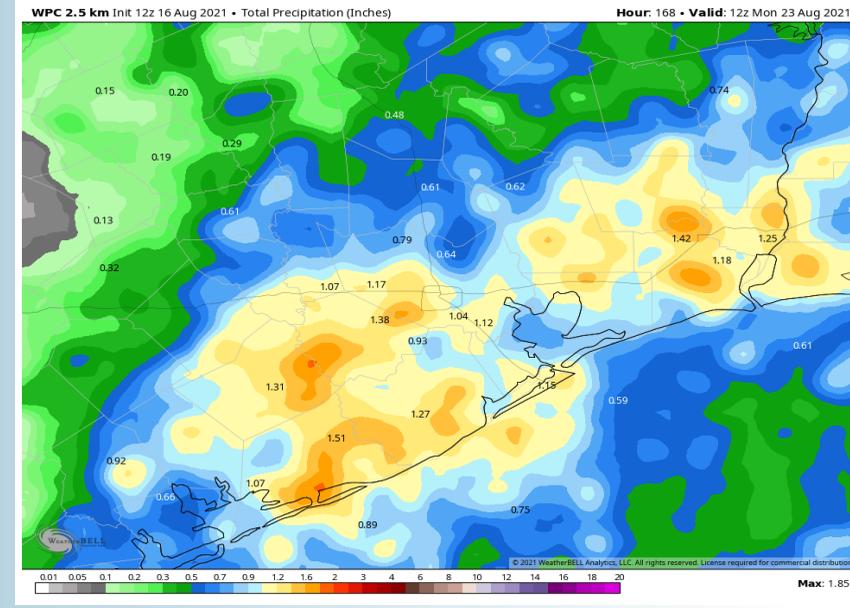
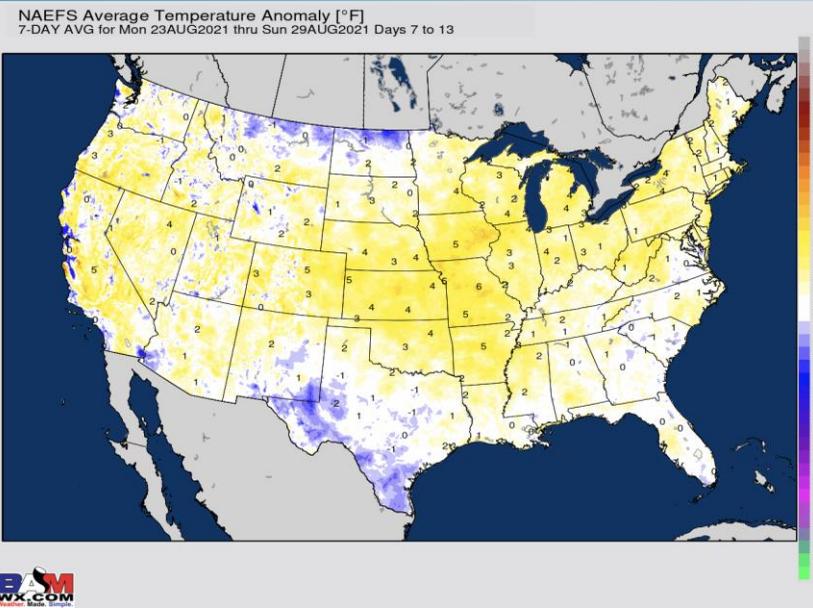
## Simulated Radar Snapshot (11 AM CT)



## High Temps Wednesday



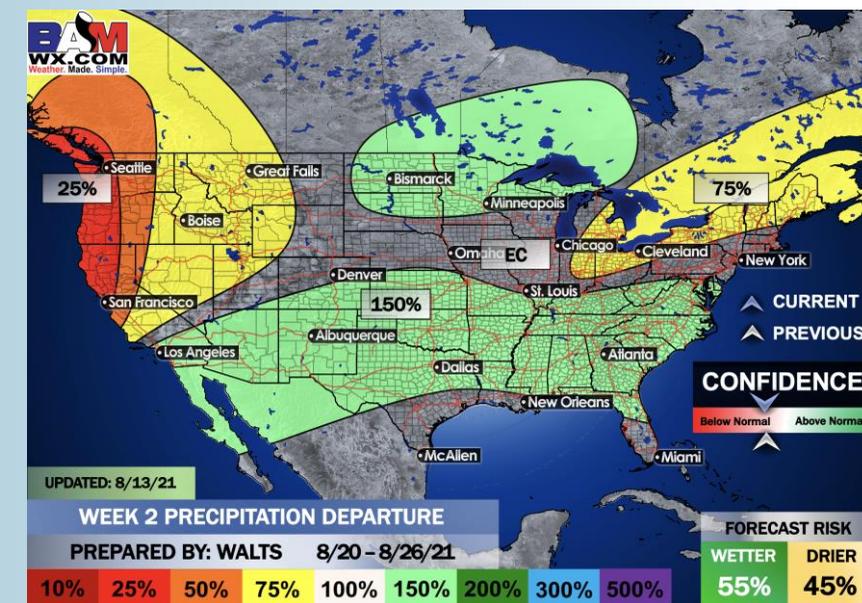
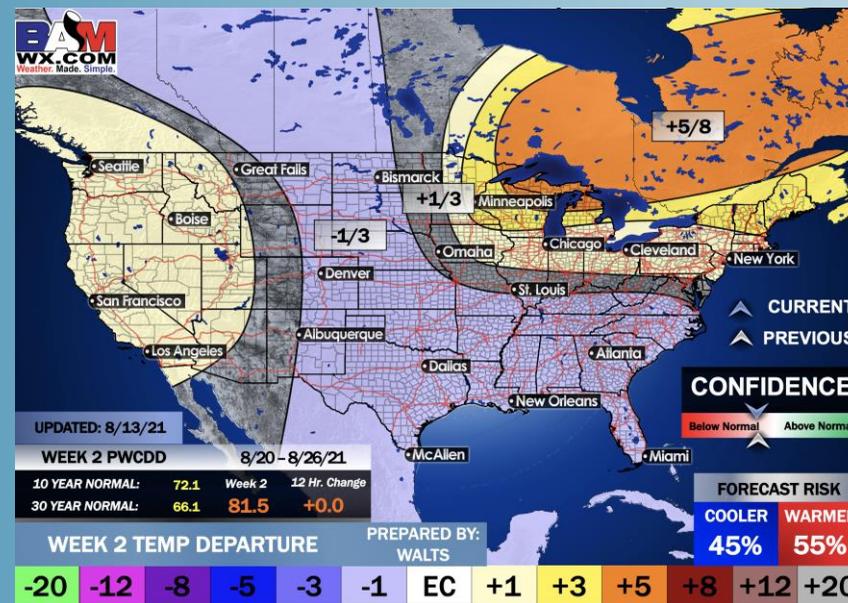
## Week 1 Forecast



## 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 3<sup>rd</sup> 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 2 Forecast



## Weeks 3/4 Forecast

