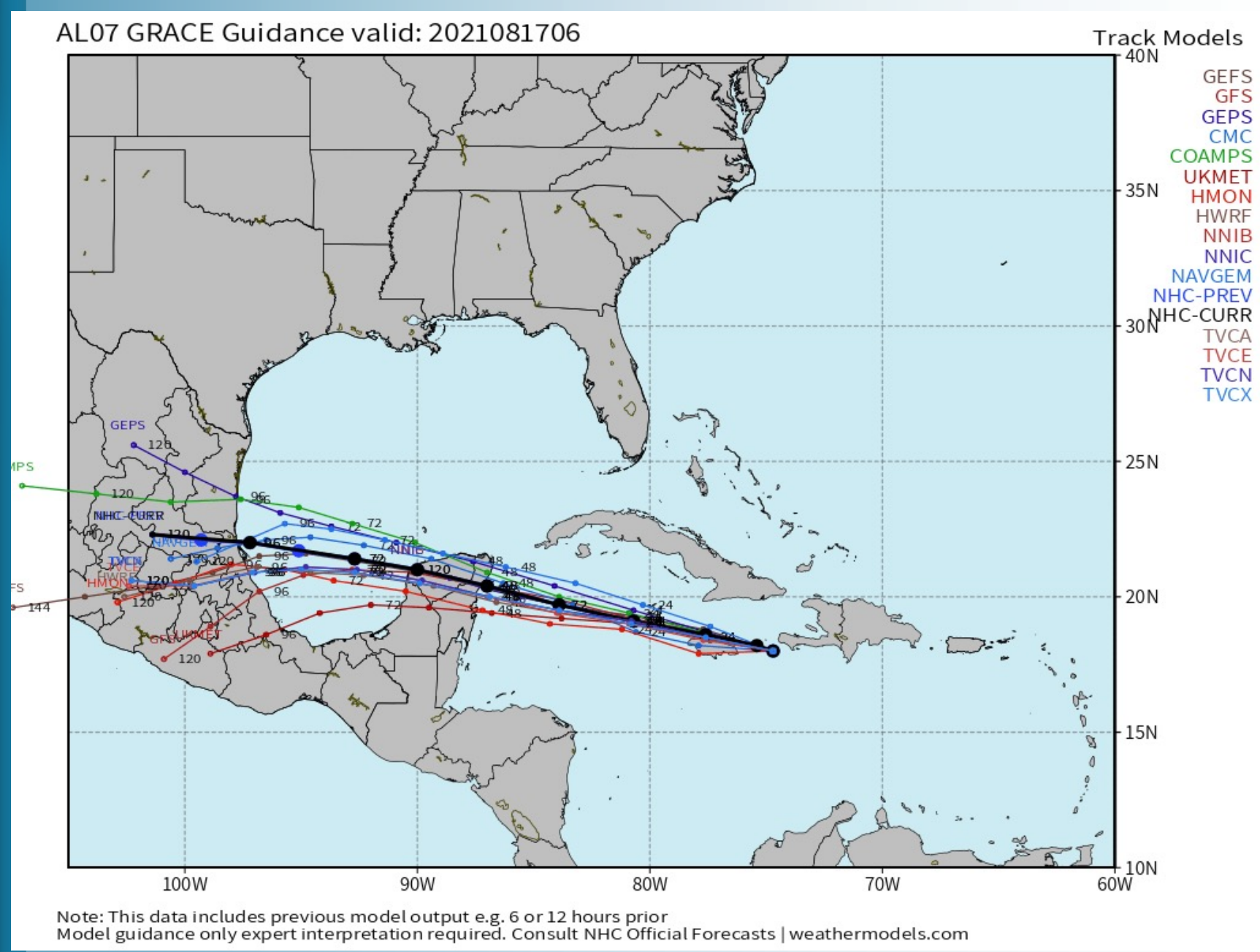


**Updated: 5:35 AM CT, Tuesday, August 17, 2021**

- **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 Storm Grace is expected to track along the Southern shores of Cuba over the next couple days before entering the Gulf of Mexico and heading towards eastern Mexico late week. As noted in yesterday's reports, all trends since this past weekend have shifted further South of the Houston area by quite a bit. Still worth monitoring, of course, however, our concern for impacts continues to be low at this time.**



# Visibility Report

## Tuesday, August 17, 2021

# HOURLY VISIBILITY BREAKDOWN (in miles)

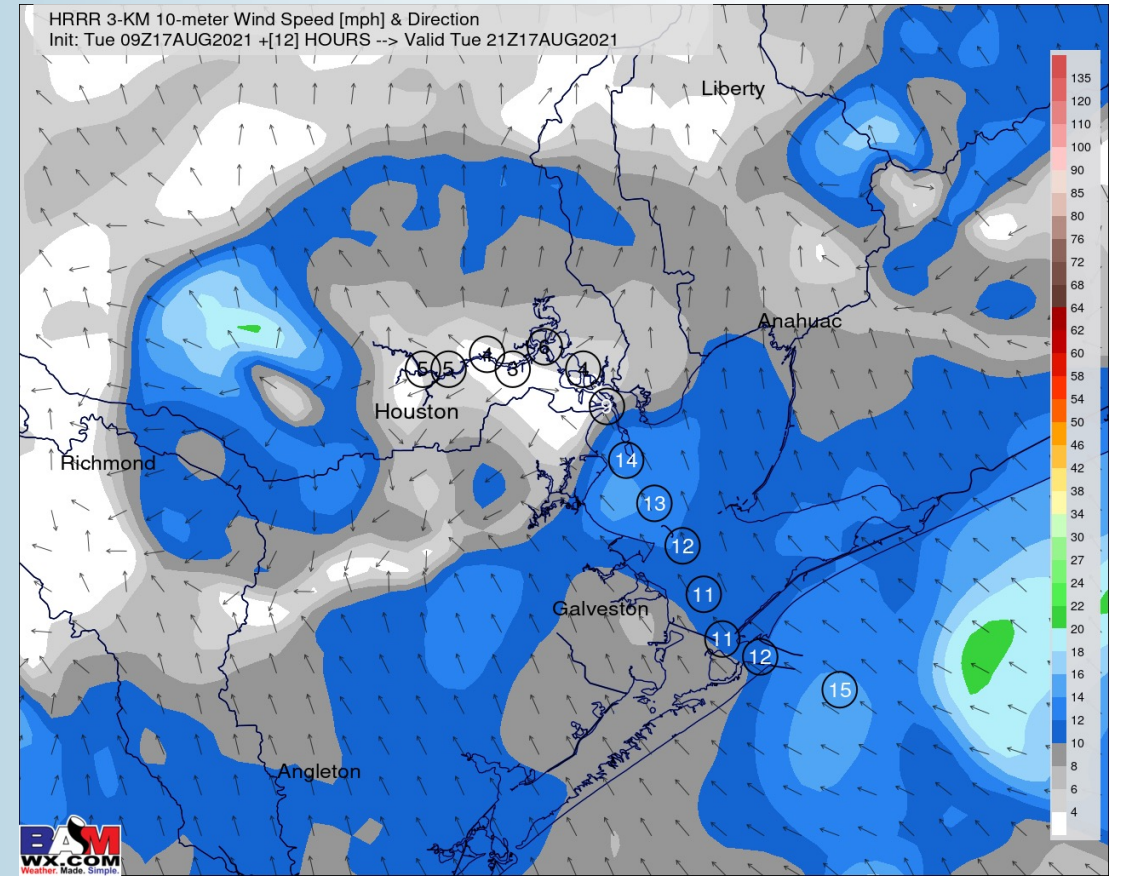
Time	08-17-2021 Tue 4am	08-17-2021 Tue 5am	08-17-2021 Tue 6am	08-17-2021 Tue 7am	08-17-2021 Tue 8am	08-17-2021 Tue 9am	08-17-2021 Tue 10am	08-17-2021 Tue 11am	08-17-2021 Tue 12pm	08-17-2021 Tue 1pm	08-17-2021 Tue 2pm	08-17-2021 Tue 3pm	08-17-2021 Tue 4pm	08-17-2021 Tue 5pm	08-17-2021 Tue 6pm	08-17-2021 Tue 7pm	08-17-2021 Tue 8pm	08-17-2021 Tue 9pm	08-17-2021 Tue 10pm	08-17-2021 Tue 11pm	08-18-2021 Wed 12am	08-18-2021 Wed 1am	08-18-2021 Wed 2am	08-18-2021 Wed 3am	08-18-2021 Wed 4am	08-18-2021 Wed 5am	08-18-2021 Wed 6am	08-18-2021 Wed 7am	08-18-2021 Wed 8am	08-18-2021 Wed 9am	08-18-2021 Wed 10am	08-18-2021 Wed 11am	08-18-2021 Wed 12pm	08-18-2021 Wed 1pm	08-18-2021 Wed 2pm	08-18-2021 Wed 3pm			
Houston Pilots N - 610 Bridge	10.00	9.344	10.00	9.038	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots M - Kinder 1	9.696	9.038	10.00	8.267	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.809	9.809	9.809	9.809	9.809	9.809	9.809	9.809	9.809	9.809	9.809	9.809	9.809	10.00	10.00	10.00	10.00	10.00	10.00	9.795	
Houston Pilots L - Greens Bayou	7.727	7.196	9.195	7.196	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.644	9.447	9.447	9.447	9.447	9.447	9.447	9.447	9.447	9.447	9.447	9.510	10.00	10.00	10.00	10.00	10.00	10.00	9.460		
Houston Pilots K - Shell Crude	8.146	7.627	9.360	7.924	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.644	9.447	9.447	9.447	8.988	8.988	8.988	8.988	9.274	9.274	8.988	9.510	10.00	10.00	10.00	10.00	10.00	10.00	9.033		
Houston Pilots J - Lynchburg Ferries	6.931	6.890	7.182	6.890	8.758	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.644	9.447	9.447	9.447	8.988	8.988	8.988	8.988	9.178	9.178	8.988	9.510	10.00	10.00	10.00	10.00	10.00	10.00	9.033		
Houston Pilots I - Exxon 3	6.931	6.890	7.212	6.890	9.360	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.644	9.447	9.447	9.447	8.988	8.988	8.988	8.988	9.178	9.178	8.988	9.510	10.00	10.00	10.00	10.00	10.00	10.00	9.033		
Houston Pilots H - Morgans Point	6.931	6.890	8.406	7.242	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.644	9.447	9.447	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	9.510	10.00	10.00	10.00	10.00	10.00	10.00	9.033	
Houston Pilots G - 75/76	8.738	9.434	10.00	9.038	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.447	9.447	9.196	8.988	8.988	8.988	8.988	8.988	8.988	8.988	8.988	9.510	10.00	10.00	10.00	10.00	10.00	10.00	9.033	
Houston Pilots F - 63/64	10.00	10.00	10.00	9.463	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.635	8.988	8.988	8.988	8.988	9.178	9.178	8.988	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.589		
Houston Pilots E - 51/52	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.988	8.988	8.988	8.988	9.636	9.636	8.988	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.274		
Houston Pilots D - 37/38	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.787	9.240	9.240	9.787	10.00	10.00	9.787	10.00	10.00	10.00	10.00	10.00	10.00	9.376	6.011		
Houston Pilots C - 25/26	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.988	6.011		
Houston Pilots B - 11/12	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.988	10.00	10.00	10.00	10.00	10.00	10.00	8.988	6.011		
Houston Pilots A - 1 & 2 Bravo	8.635	10.00	10.00	10.00	9.038	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.988	6.011		



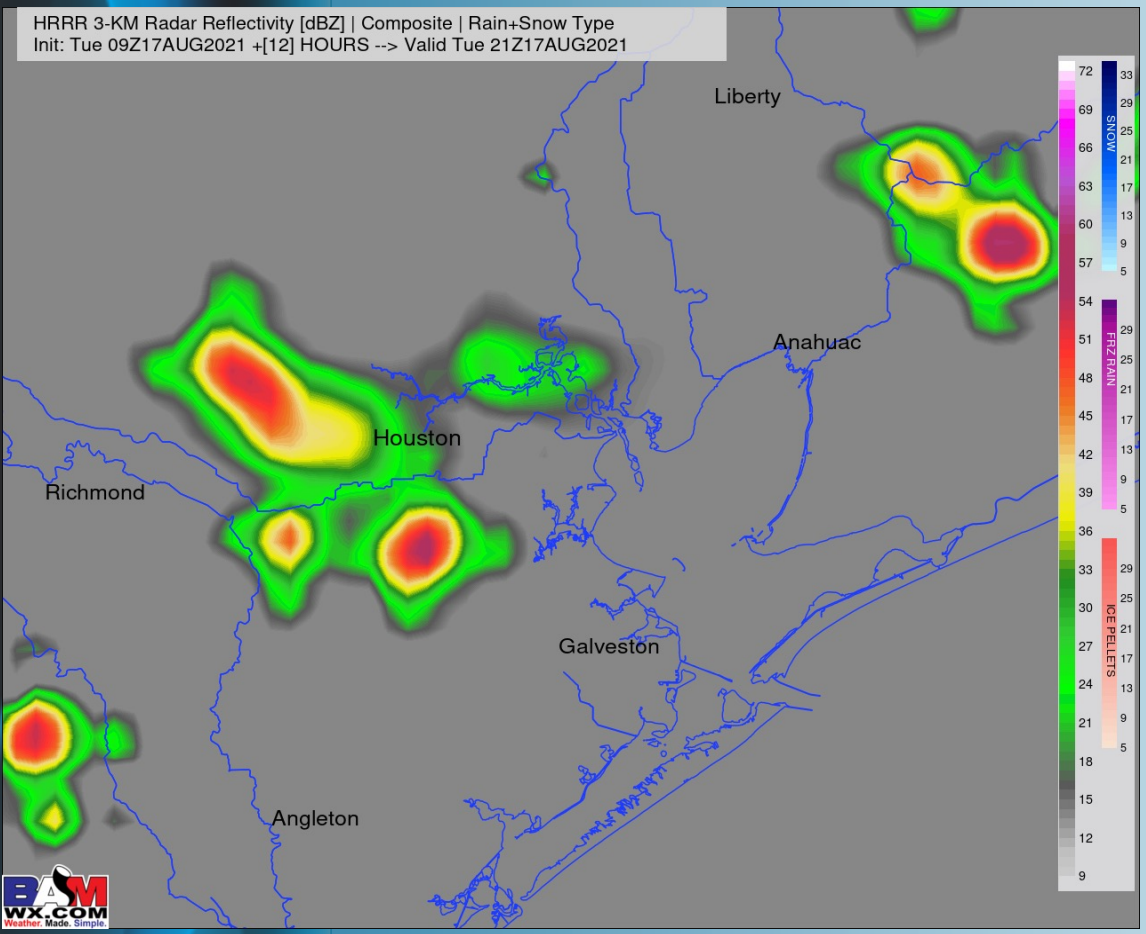
## Short-Term Forecast Discussion

- Isolated showers and storms arrive mid-morning today, increasing slightly in coverage closer to mid-afternoon to the evening. Activity should remain hit or miss throughout the day time hours, with the best activity expected closer to the HOU metro vs Bay locations.
- Winds will generally be 7-13 MPH throughout the day from the Southeast, gusting to 15 MPH in the afternoon. Under a heavier storm, winds could gust higher (locally 20-30 MPH).
- High temperatures expected to sit in the upper 80s to lower 90s for much of the region.
- *Not favoring fog for the day today to tonight.*

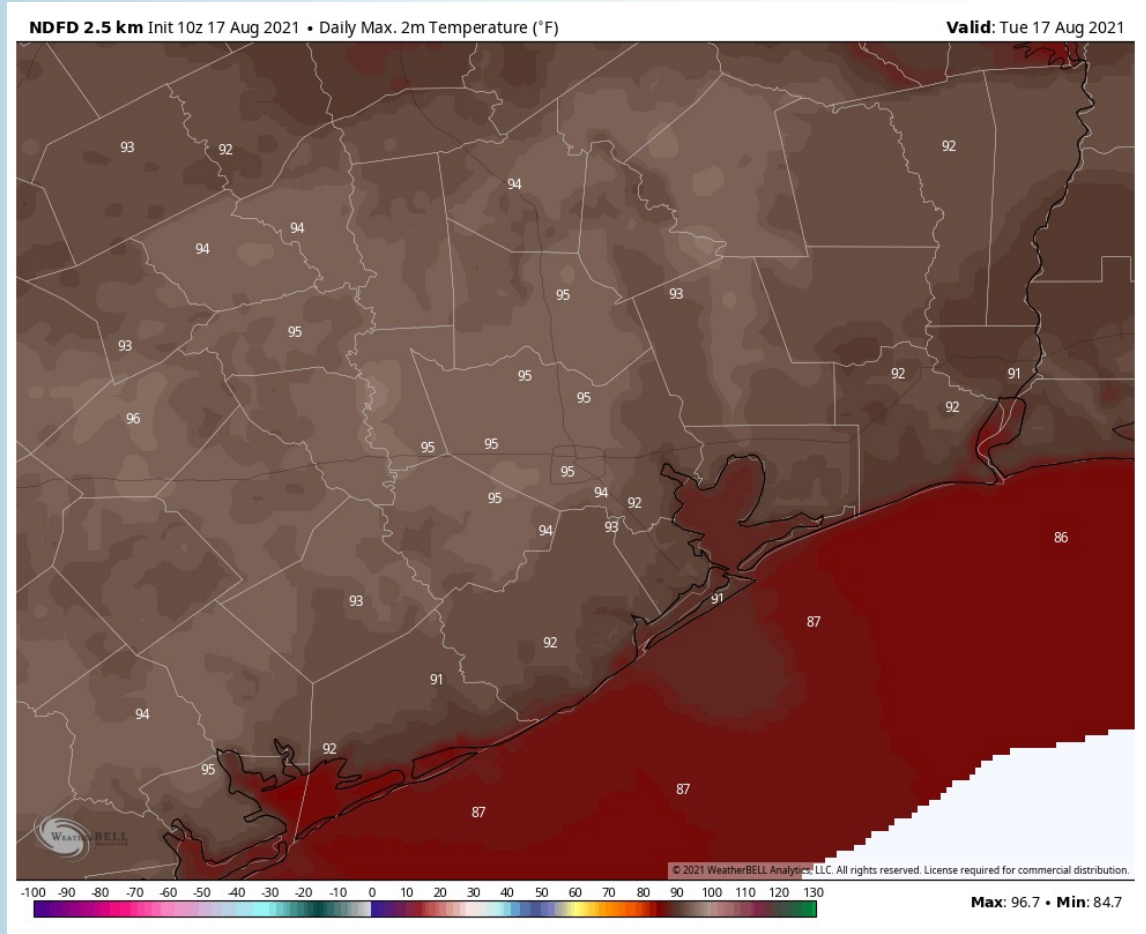
## Wind Speeds (4 PM CT)



## Simulated Radar Snapshot (4 PM CT)



## High Temps Tuesday

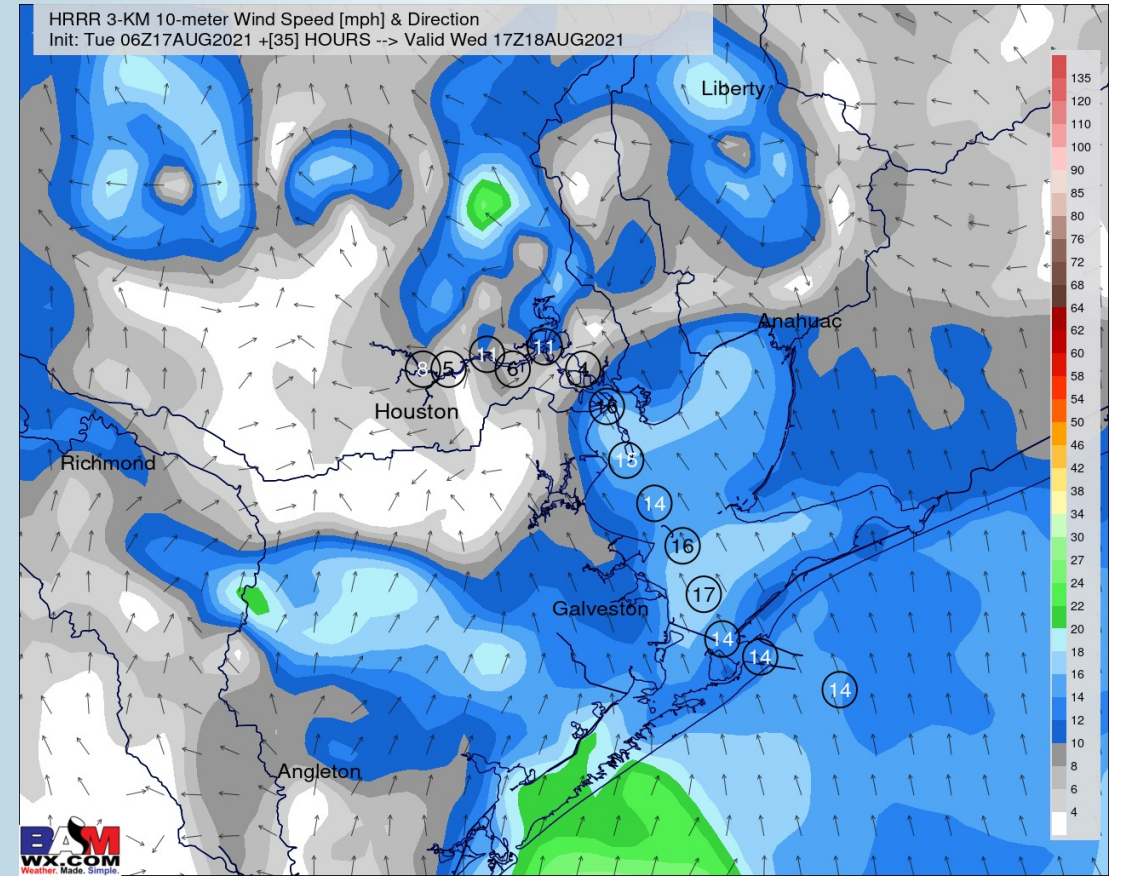




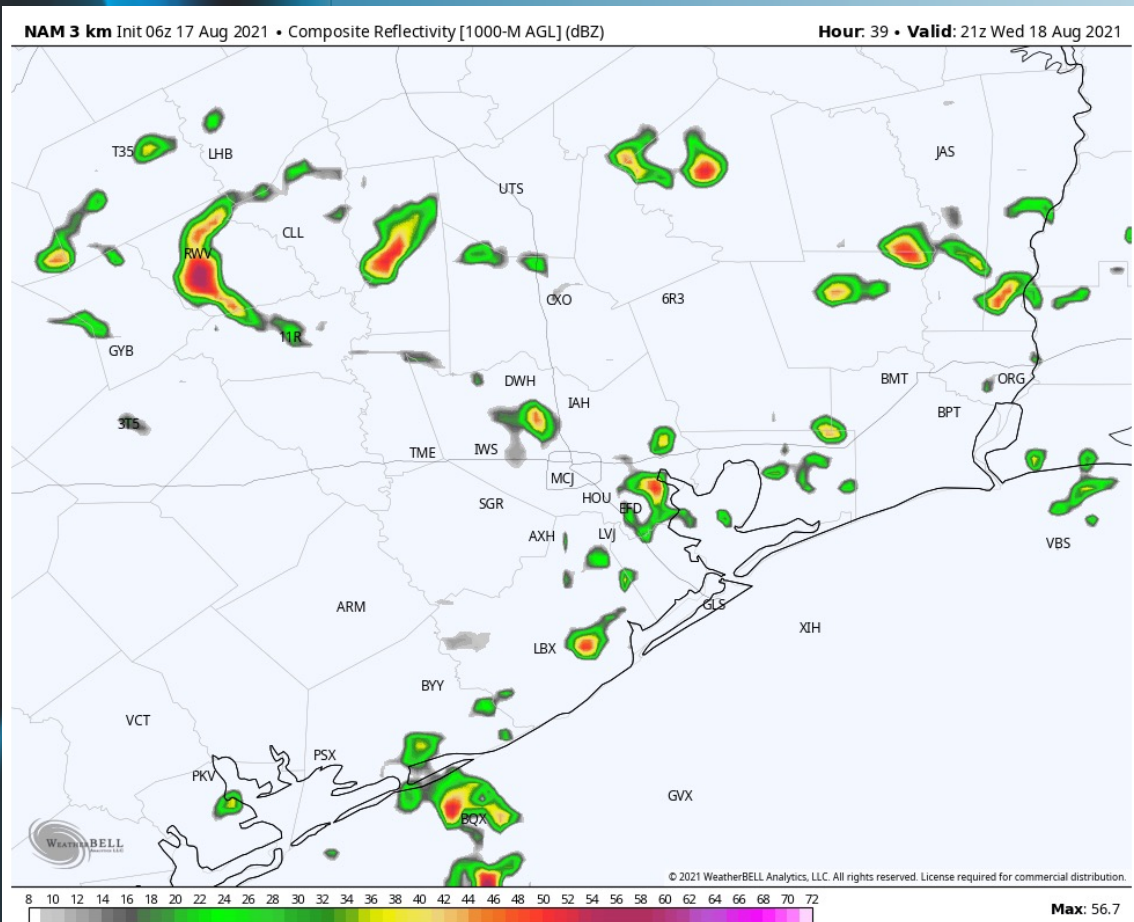
## Short-Term Forecast Discussion

- A wave of energy will work through mid tomorrow morning and into the early afternoon that will look to bring hit and miss showers and storms for the area (best chance after 2-3 PM to the evening). Briefly heavy rain, lower visibility and gusty winds can't be ruled out in these cells.
- Winds will generally be out of the Southeast at 7-13 MPH, gusting to 15 MPH at times (locally up to 20-30 MPH in storms will be possible).
- High temperatures expected to sit in the upper 80s to lower 90s for much of the region.
  - *Not favoring fog for the day Wednesday.*

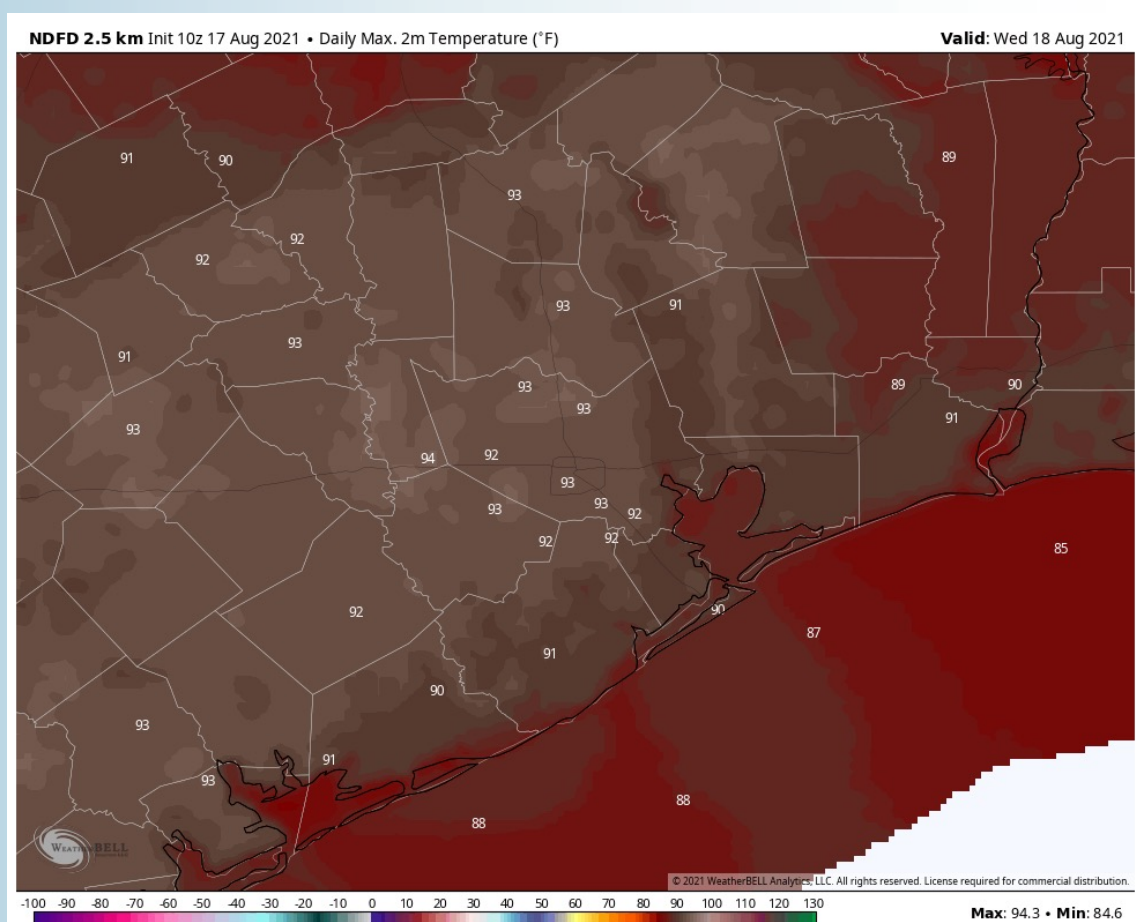
## Wind Speeds (12 PM CT)



## Simulated Radar Snapshot (4 PM CT)



## High Temps Wednesday

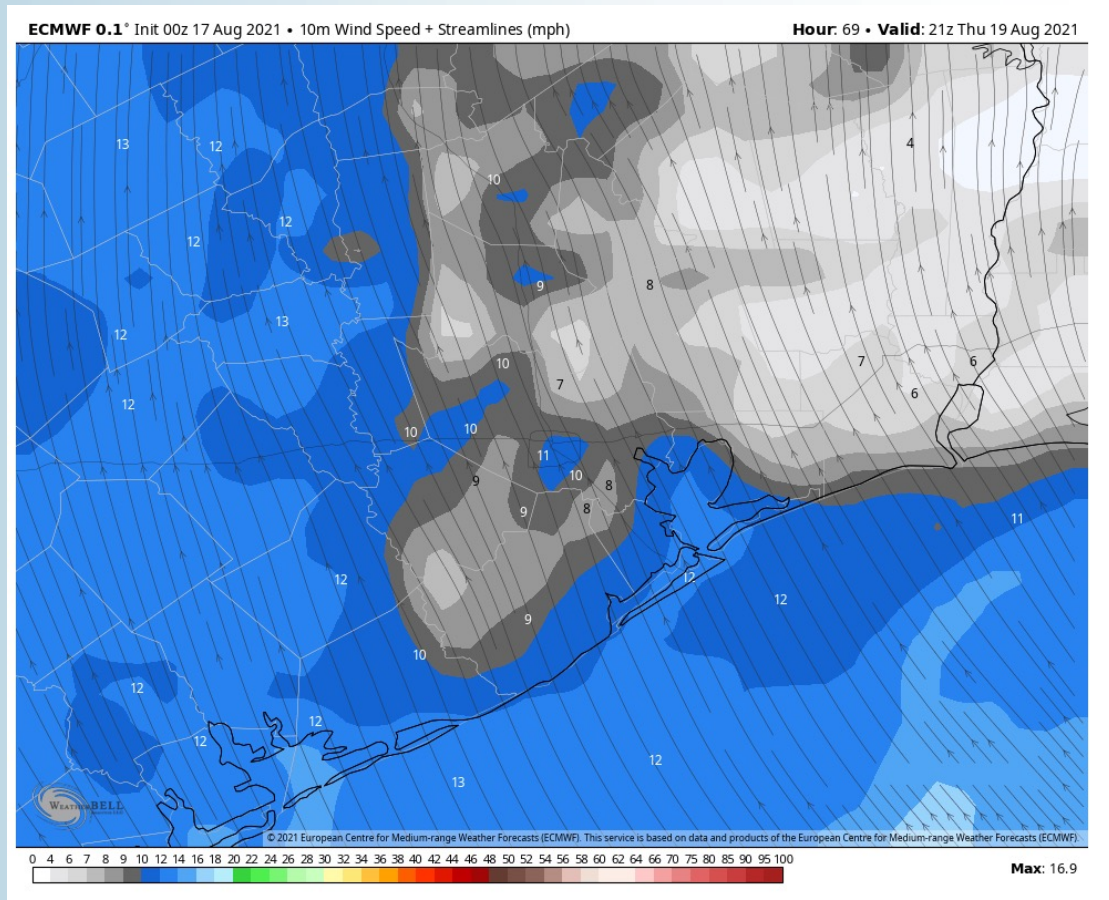




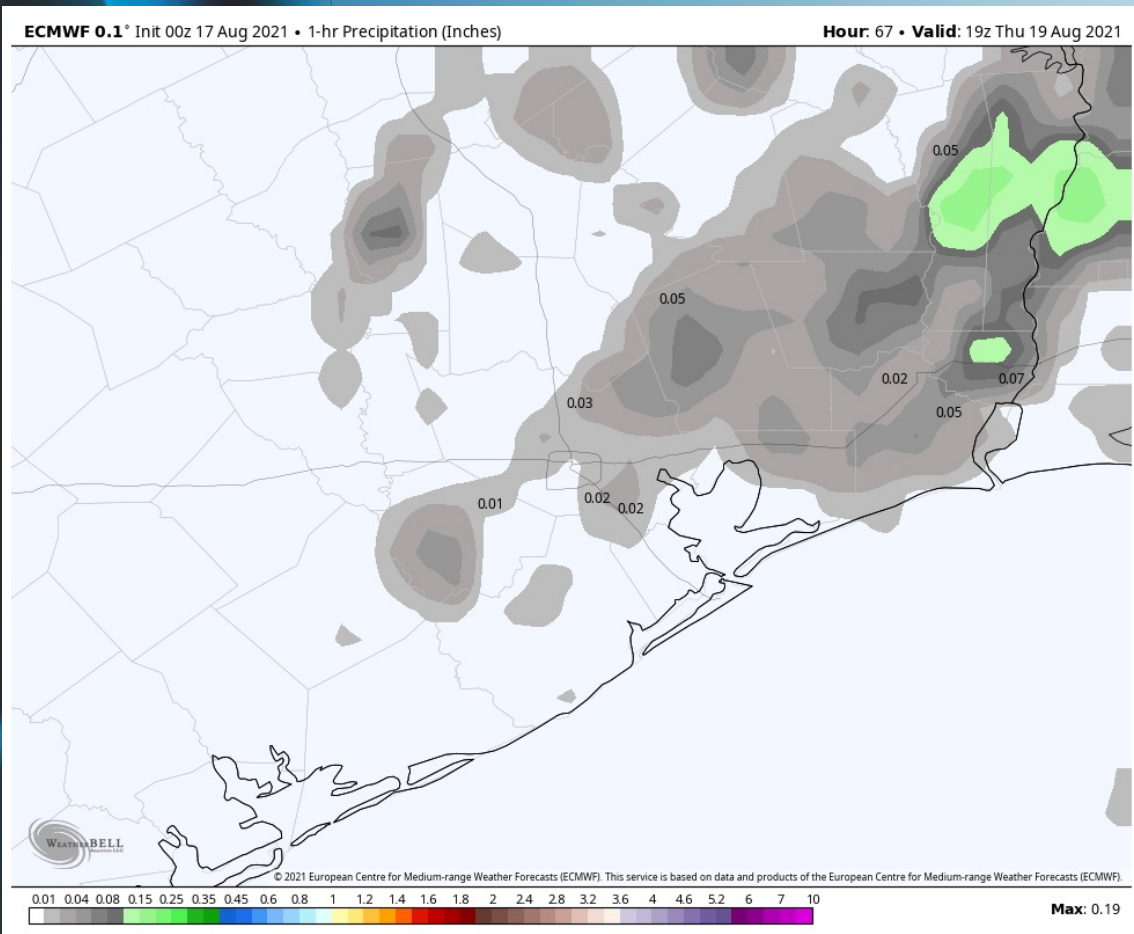
## Short-Term Forecast Discussion

- Scattered showers and storms, at this distance, look to linger overnight Wednesday night through mid-morning Thursday. After a break in coverage late morning to early afternoon, coverage of precipitation will be on the increase again after 2-3 PM towards sunset (but looking lesser vs Tues/Wed right now).
- Winds continue on Thursday out of the Southeast at 7-13 MPH sustained, gusting at times up to 15-20 MPH.
- High temperatures expected to sit in the upper 80s to lower 90s for much of the region.
- *Not favoring fog for the day Thursday.*

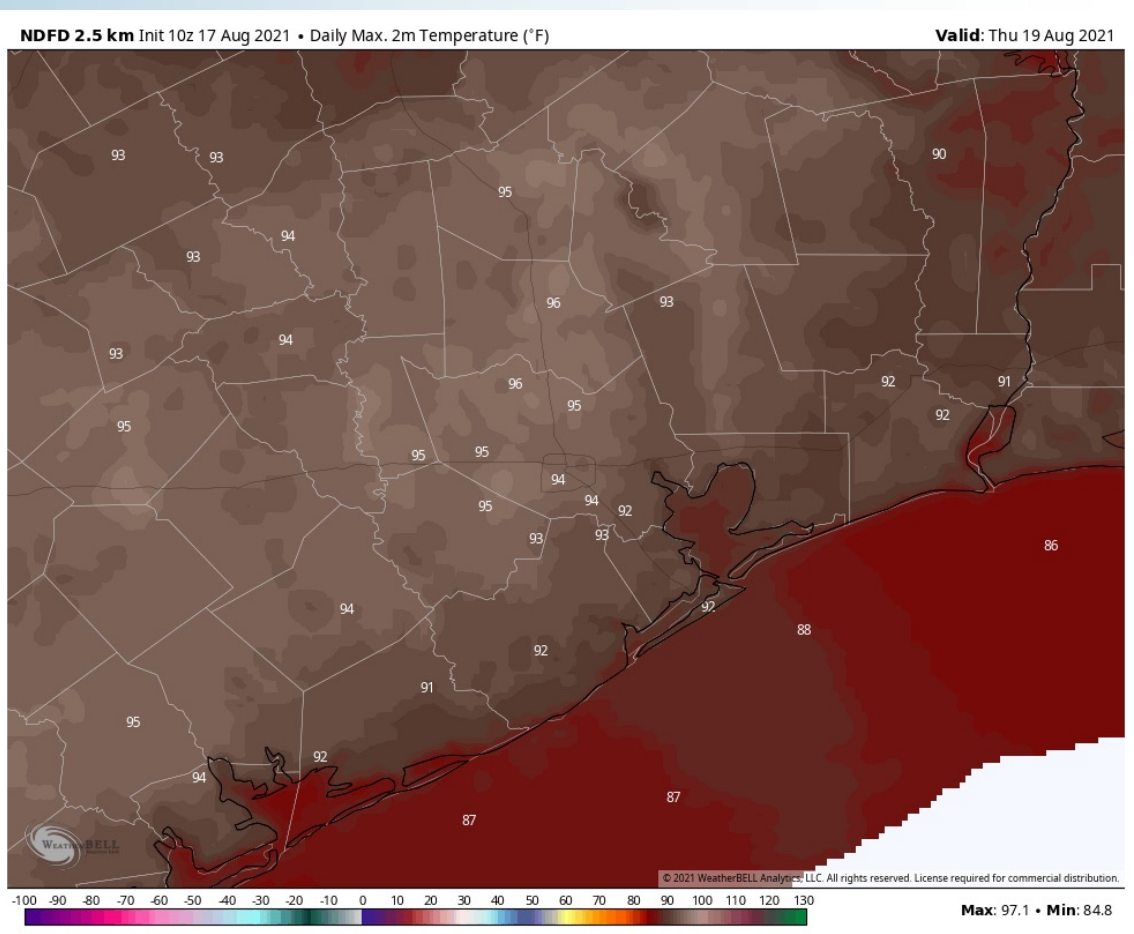
## Wind Speeds (4 PM CT)



## Simulated Radar Snapshot (2 PM CT)

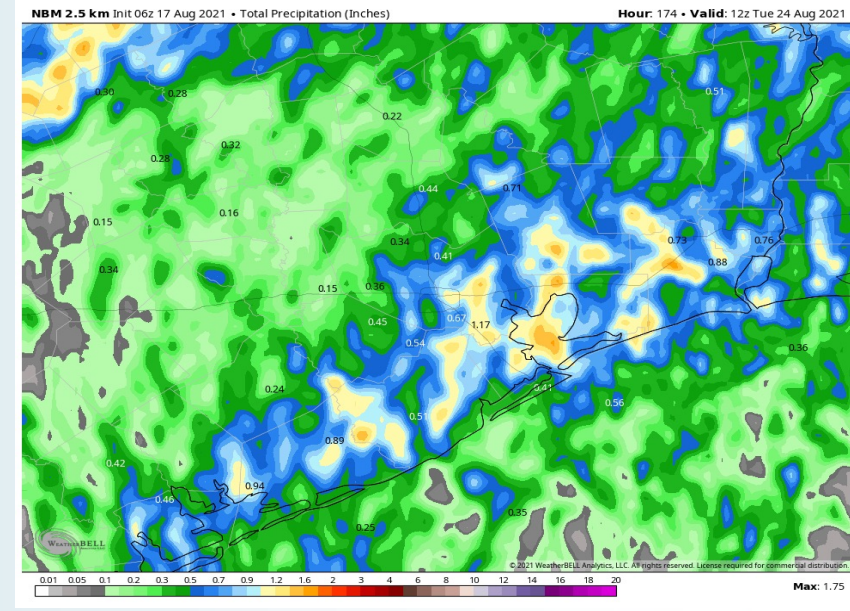
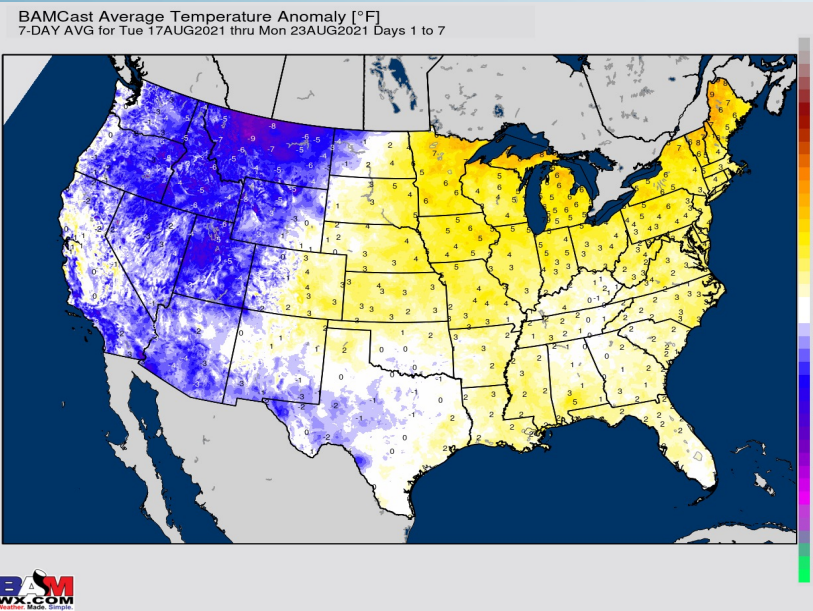


## High Temps Thursday





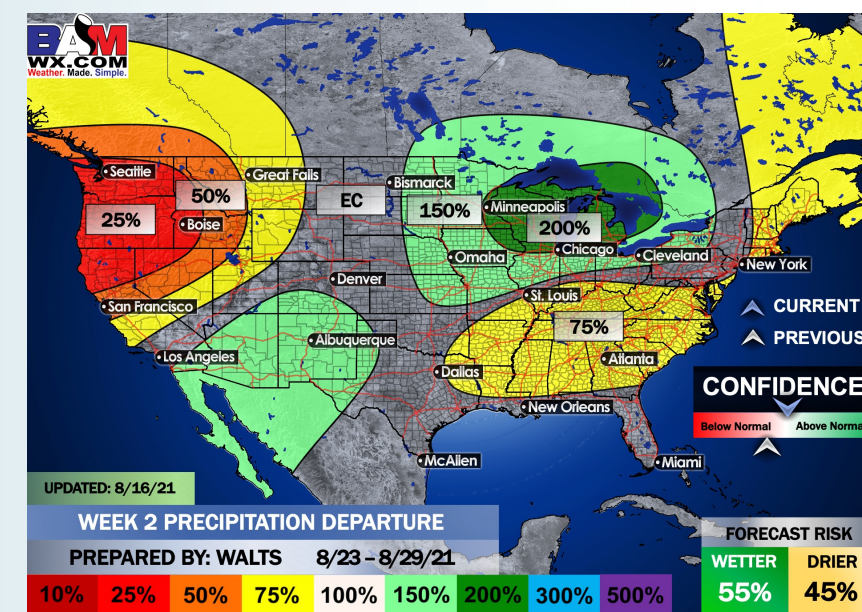
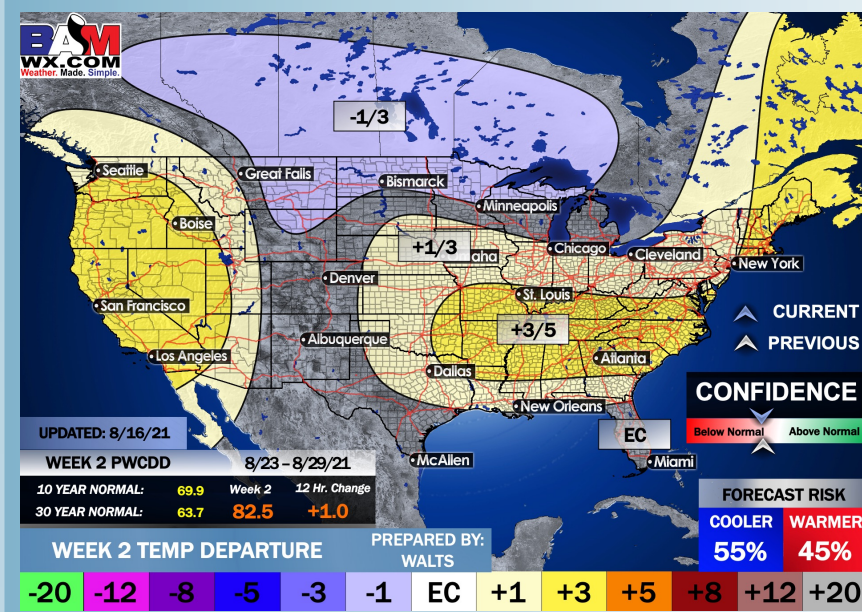
## Week 1 Forecast



## 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. Chances decrease Friday into this coming weekend.
- Temps look to remain neutral to slightly above normal for the week 2 period, with rainfall looking about normal as well (no real big signal for both right now).
- 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

