

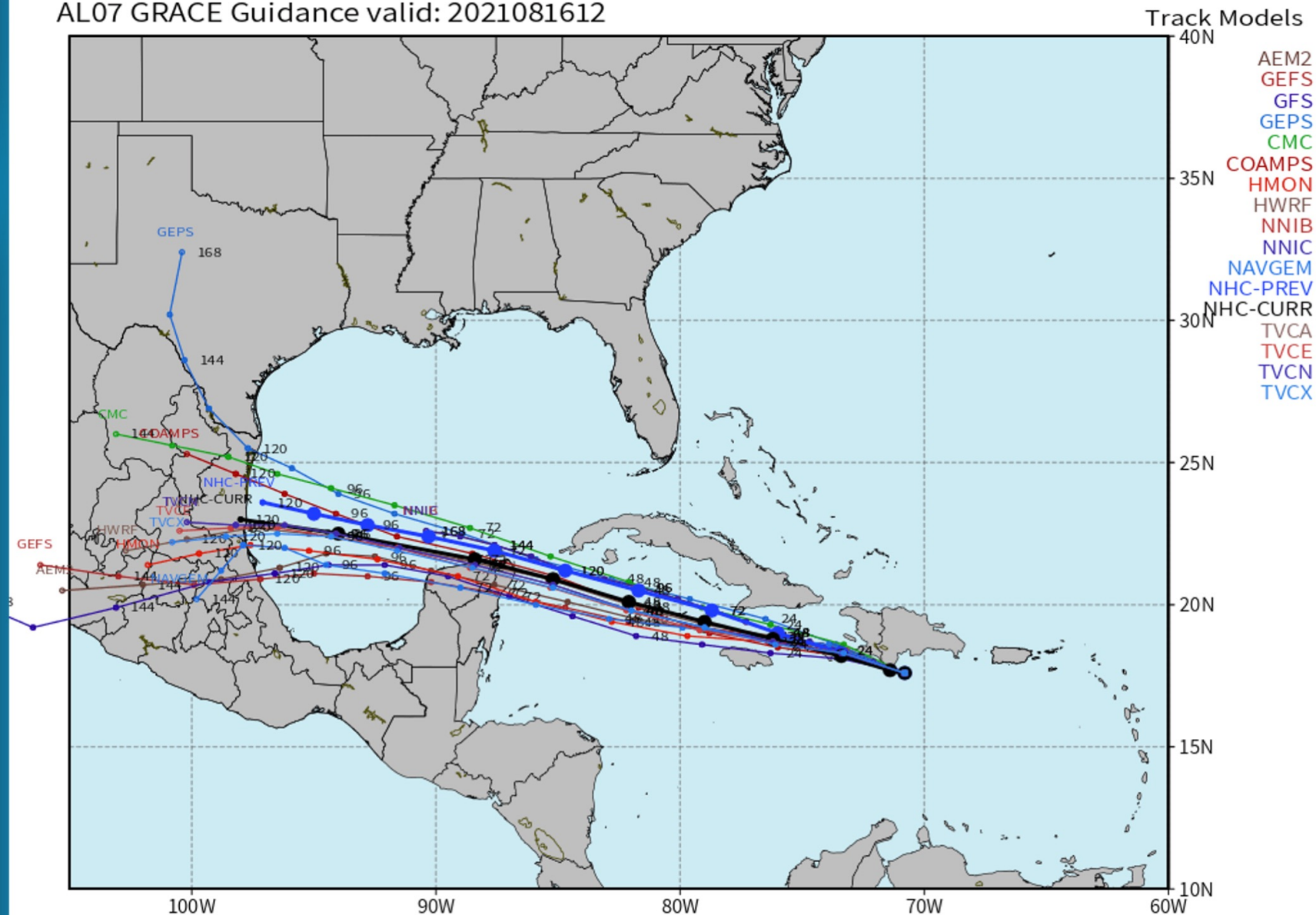
Updated: 1:30 PM CT, Monday, August 16, 2021

- **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

AL07 GRACE Guidance valid: 2021081612



Note: This data includes previous model output e.g. 6 or 12 hours prior
Model guidance only expert interpretation required. Consult NHC Official Forecasts | weathermodels.com

Tropical Depression Grace continues to be something we need to monitor as we head into late week. 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. Grace looks to enter the Gulf sometime on Thursday August 19th. **Latest favored tracks have continued to shift well south of Houston over the past 24-48 hours towards the eastern Mexico Coast, with impacts towards the Houston area becoming less likely. We will continue to monitor these trends over the coming days from a consistency standpoint.**



Monday, August 16, 2021

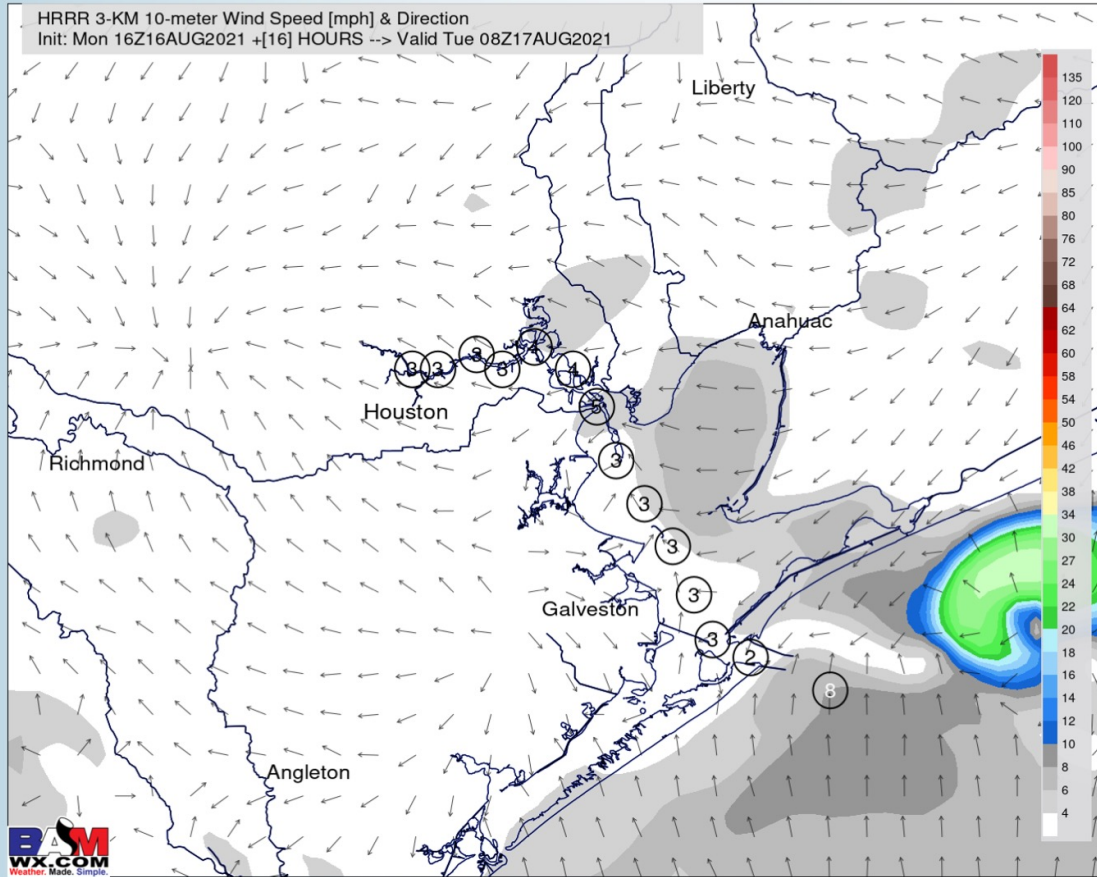
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Short-Term Forecast Discussion

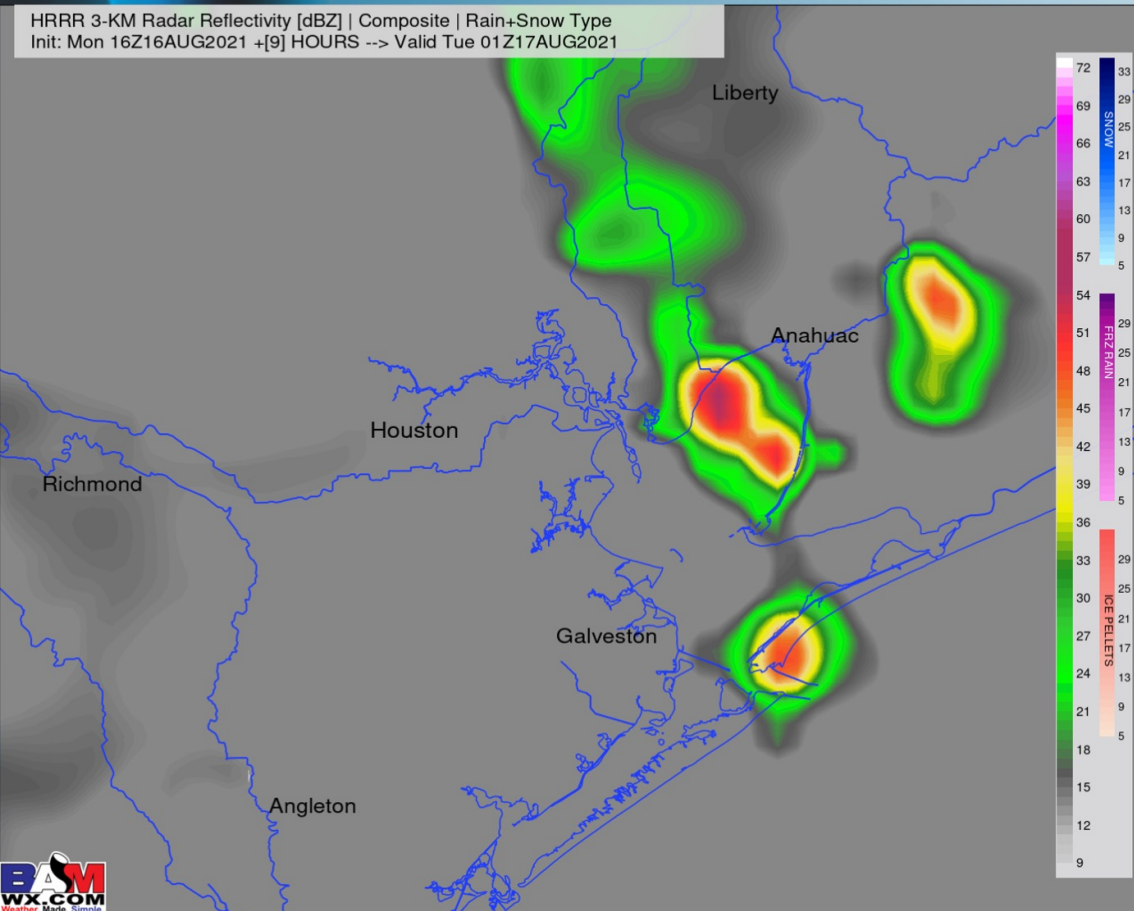
- We continue to favor hit and miss showers and storms across the area this afternoon to evening, especially through 7-8 PM CT. After this period, we expect quite a bit more consecutive drier hours heading towards midnight and daybreak. Locally heavy downpours, gusty winds 20-30 MPH+ and lightning will be the main risks in any storms that form overhead.
- Expecting winds to be on the lighter side, overall, through the overnight hours tonight...sustained at 3-6 MPH generally out of the East.
- Lows fall back into the mid to upper 70s inland.
- *No fog is expected for this evening.*

Monday, August 16, 2021

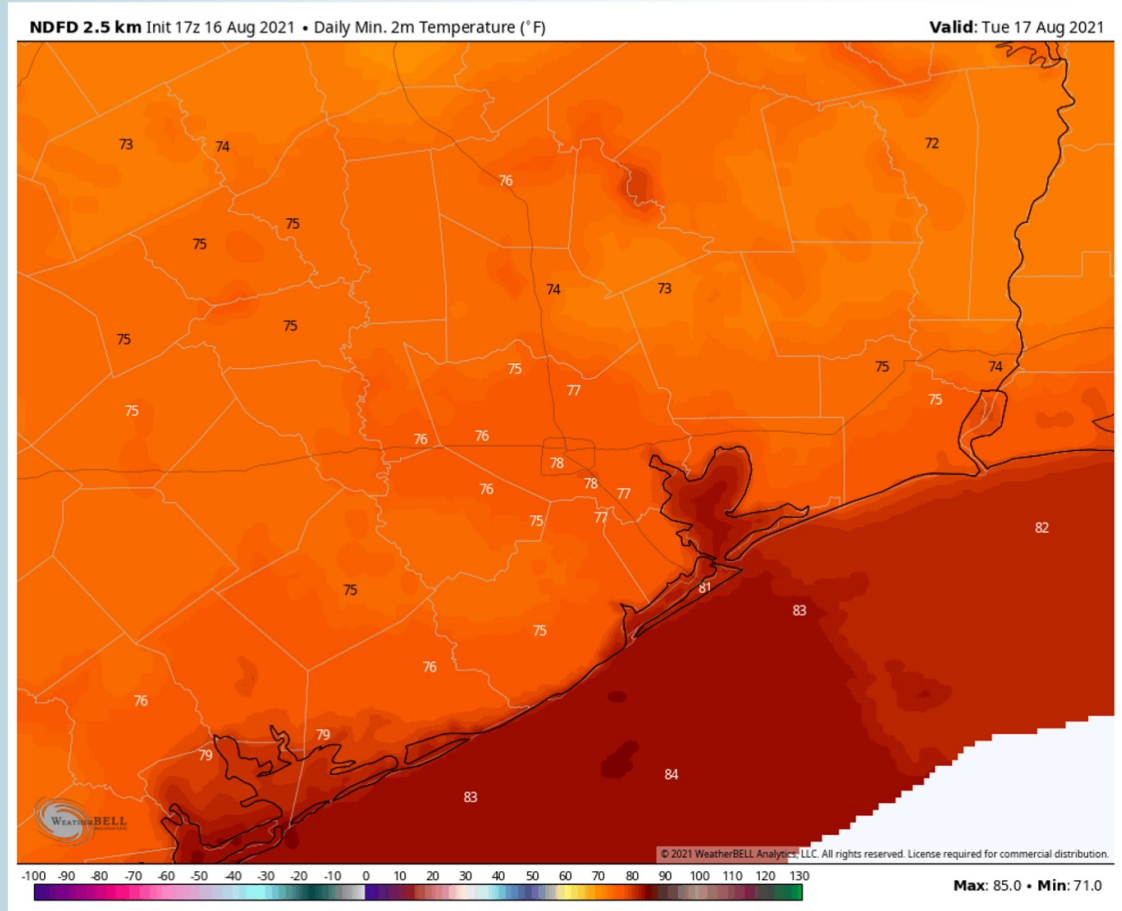
Sustained Winds (3 AM CT)



Simulated Radar Snapshot (8 PM CT)



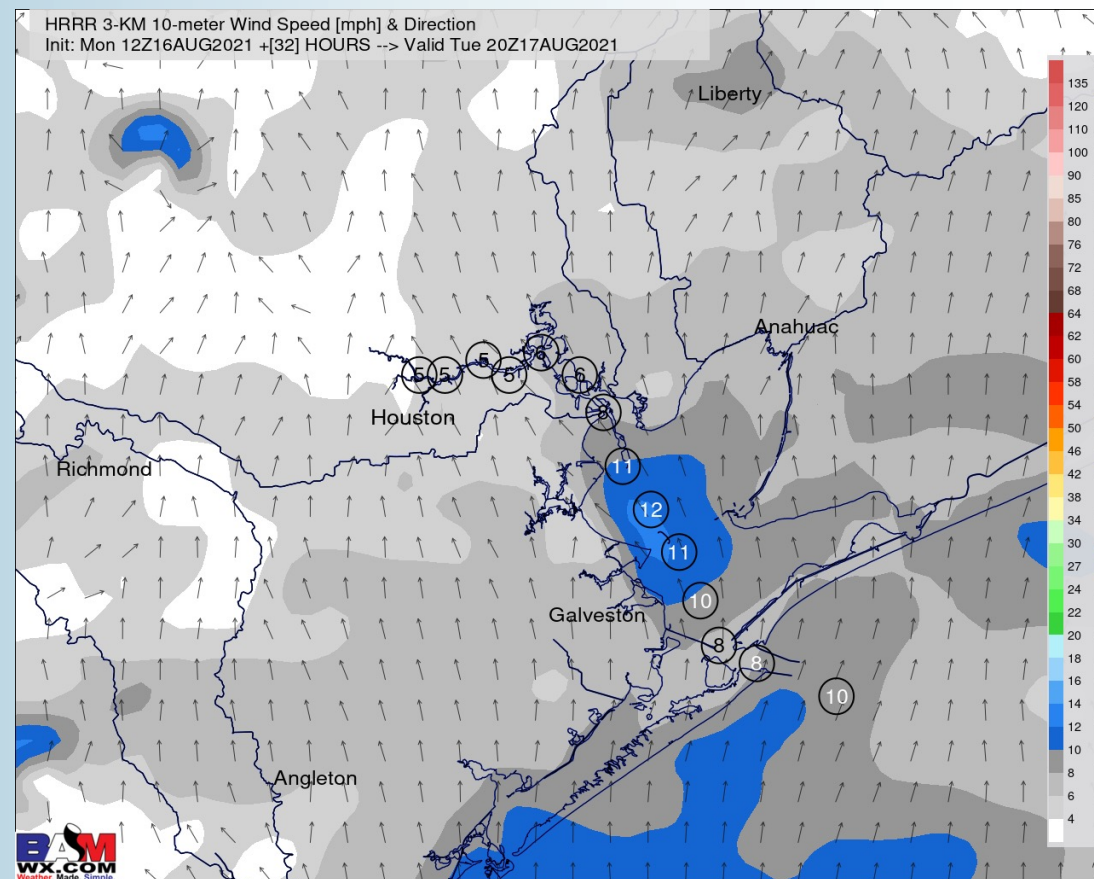
Low Temps This Evening



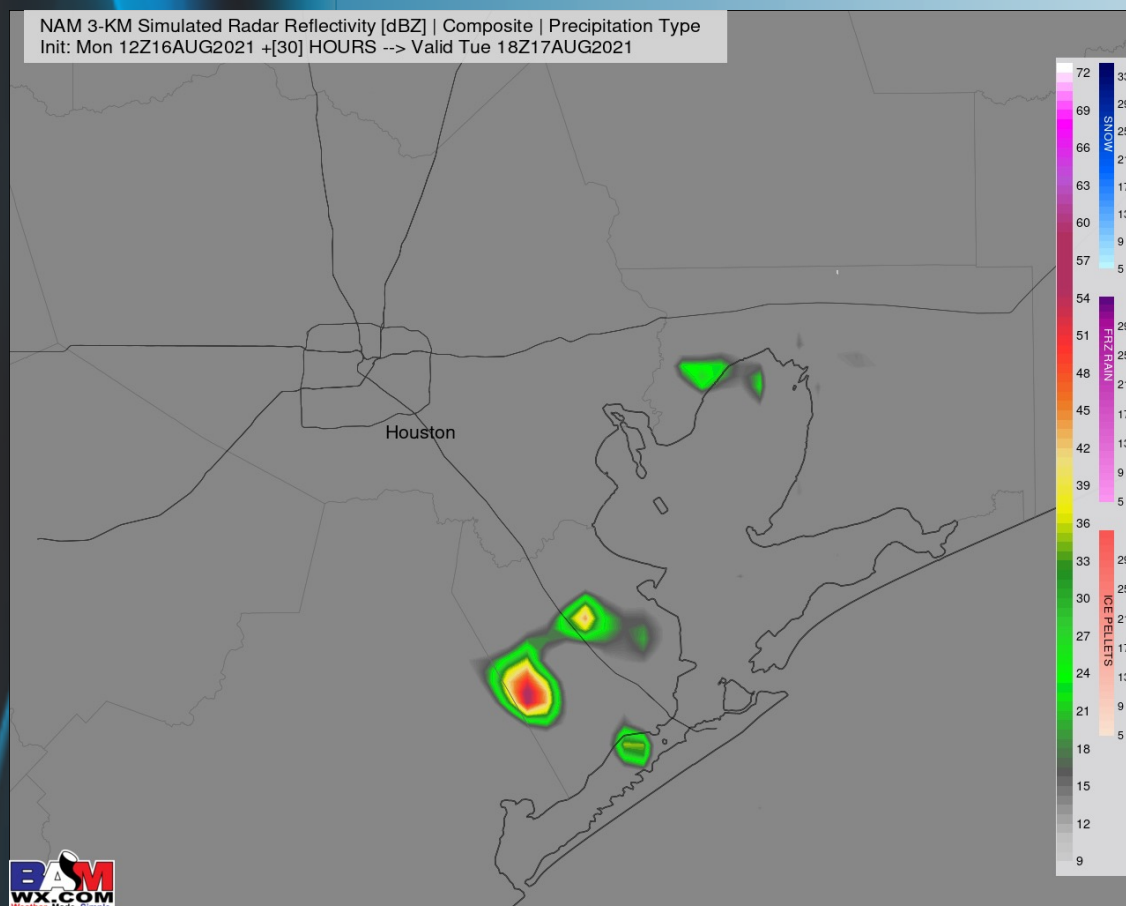
Short-Term Forecast Discussion

- Scattered showers and storms could arrive as early as mid-morning tomorrow, perhaps increasing a bit as we work into the early afternoon. Activity should remain hit or miss throughout much of the day.
- Winds will generally be 8-12 MPH throughout the day from the south gusting to 15 MPH in the afternoon. Under a heavier storm, winds could gust higher (locally 20-30 MPH).
- Temperatures will be in the low-mid 90s inland and upper-80s to near 90F over water.
 - *Not anticipating any fog on Tuesday.*

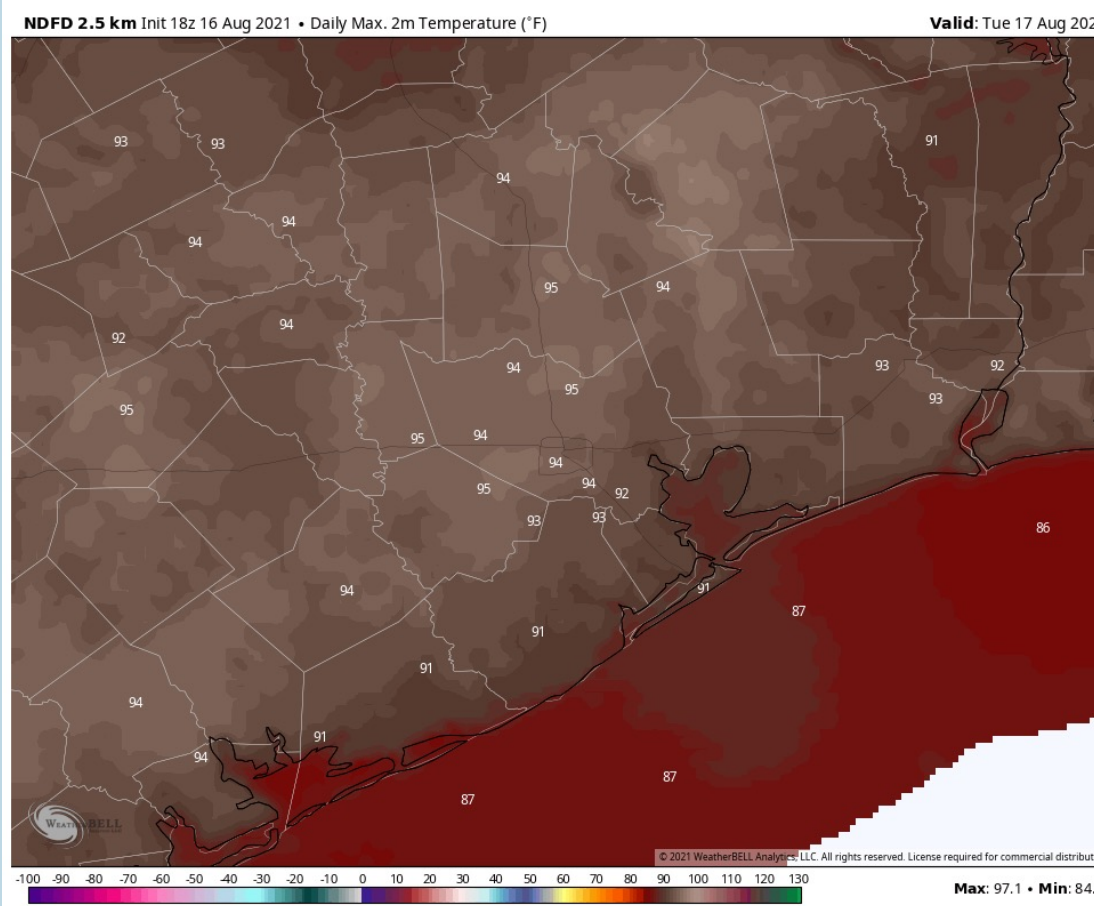
Wind Speeds (3PM CT)



Simulated Radar Snapshot (1PM CT)



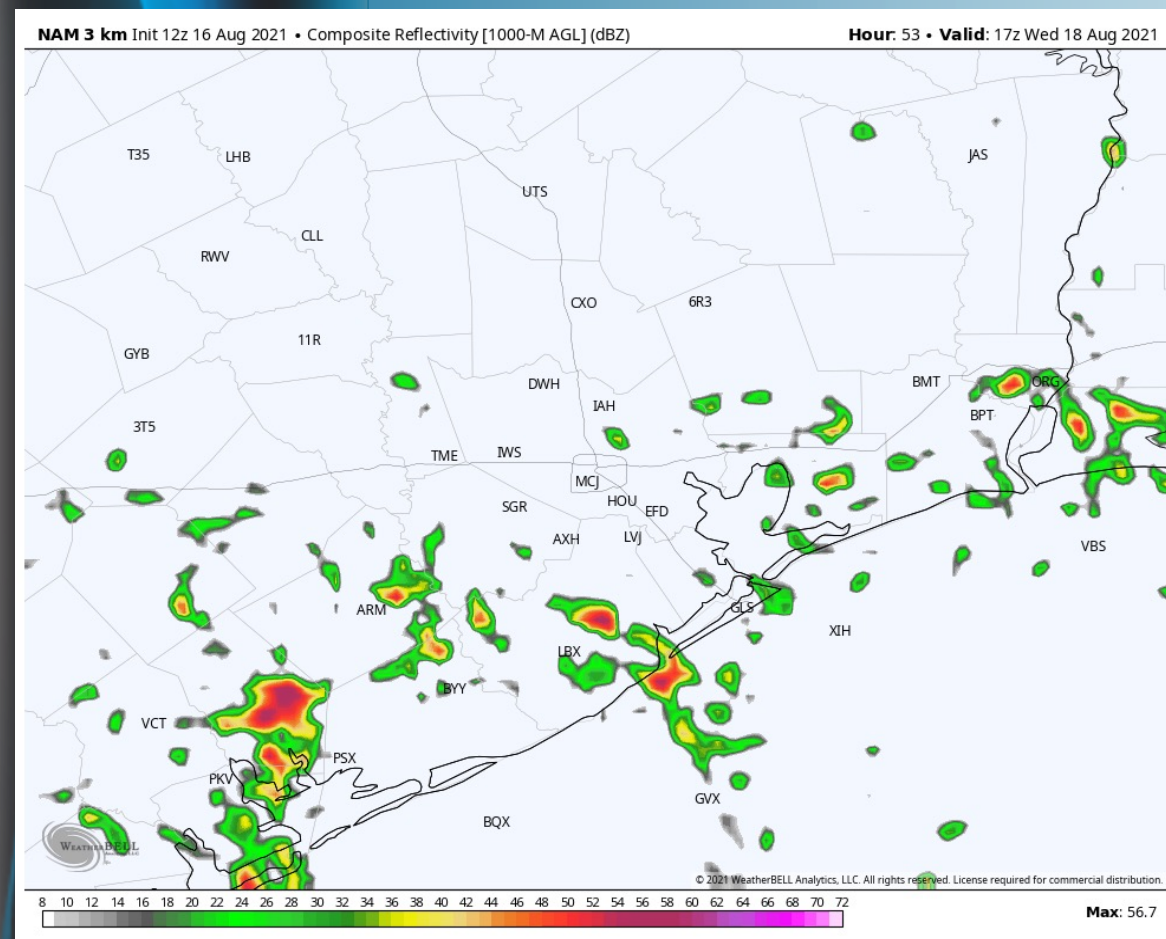
High Temps Tuesday



Short-Term Forecast Discussion

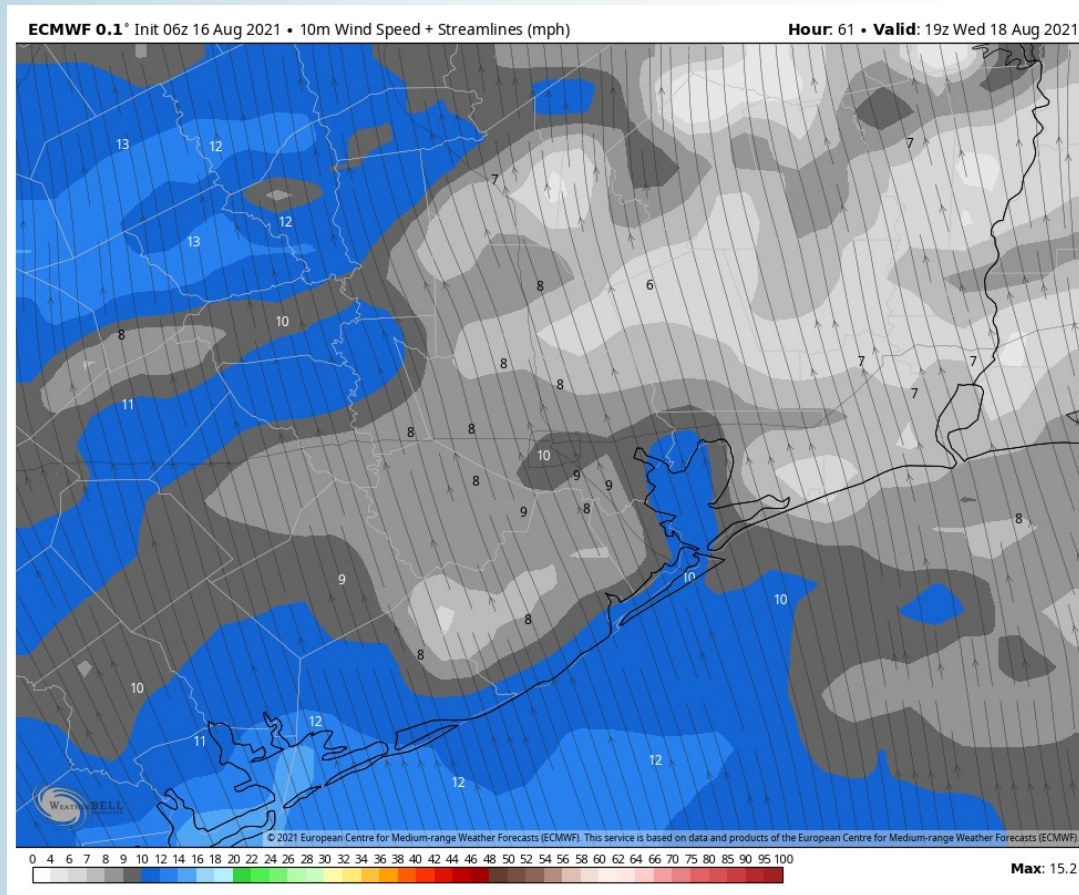
- A wave of energy will work through late Wednesday morning and into the early afternoon that will bring hit or miss showers and storms for the area. Briefly heavy rain, lower visibility and gusty winds can't be ruled out in these cells.
- Winds will generally be out of the southeast at 5-10 MPH gusting to 15MPH at times.
- High temperatures over the Houston Metro area will be in the low 90s, with upper 80s over water.
- *Not favoring fog for Wednesday, but briefly lower visibilities if under a heavier storm cannot 100% be ruled out.*

Simulated Radar Snapshot (12 PM CT)

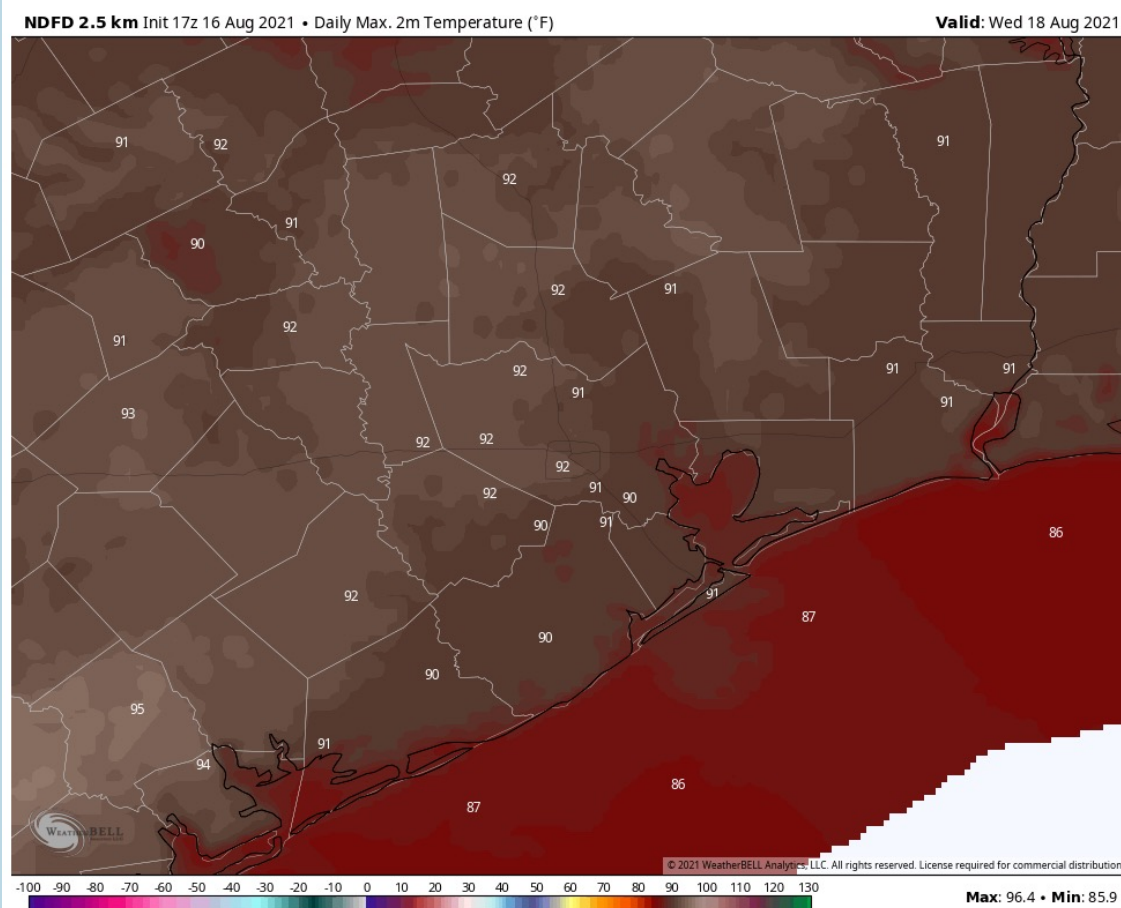


Wednesday, August 18th, 2021

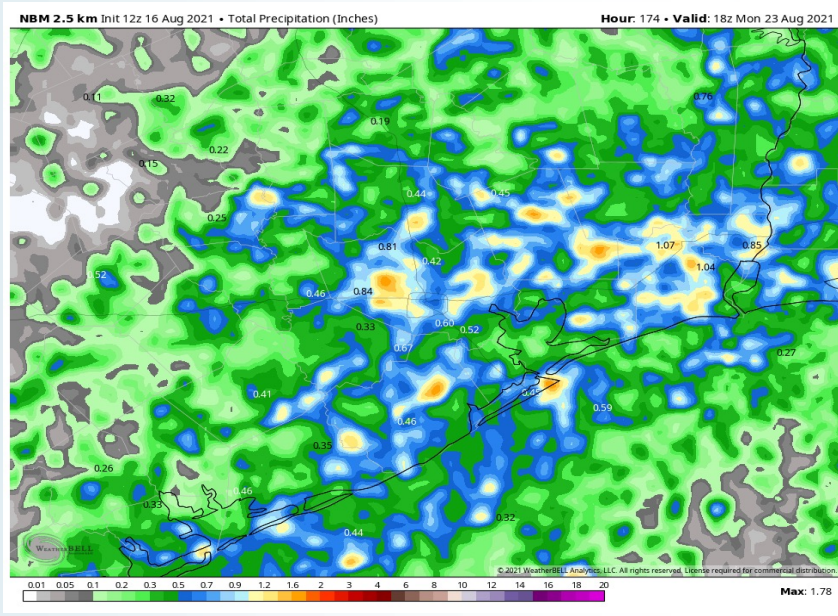
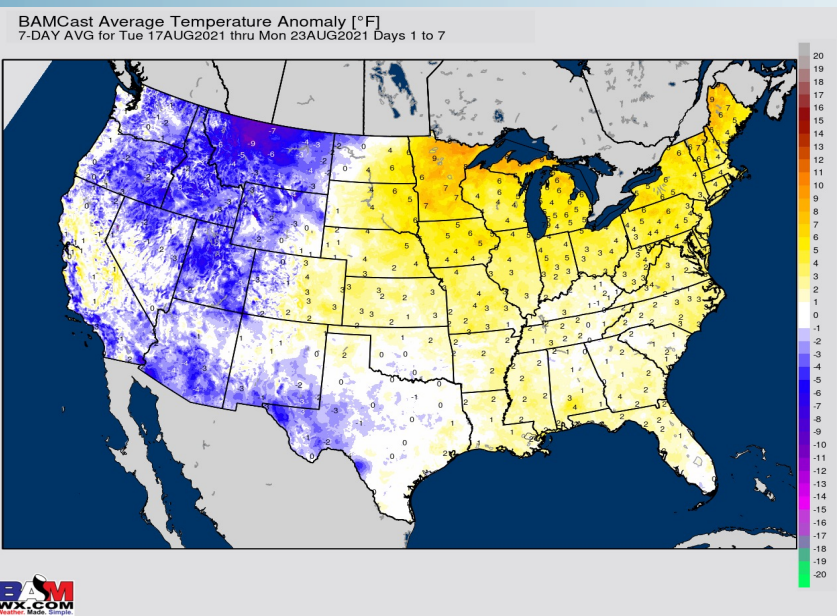
Wind Speeds (2 PM CT)



High Temps Tuesday



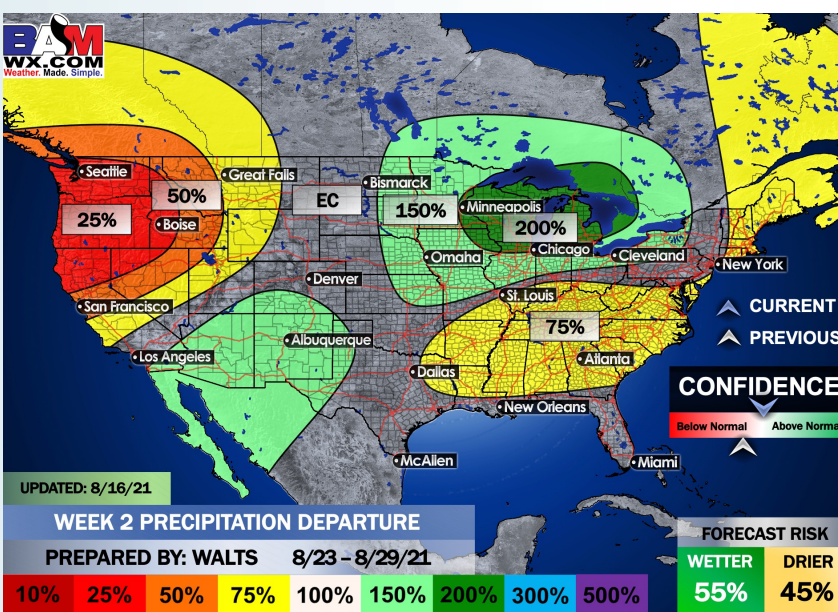
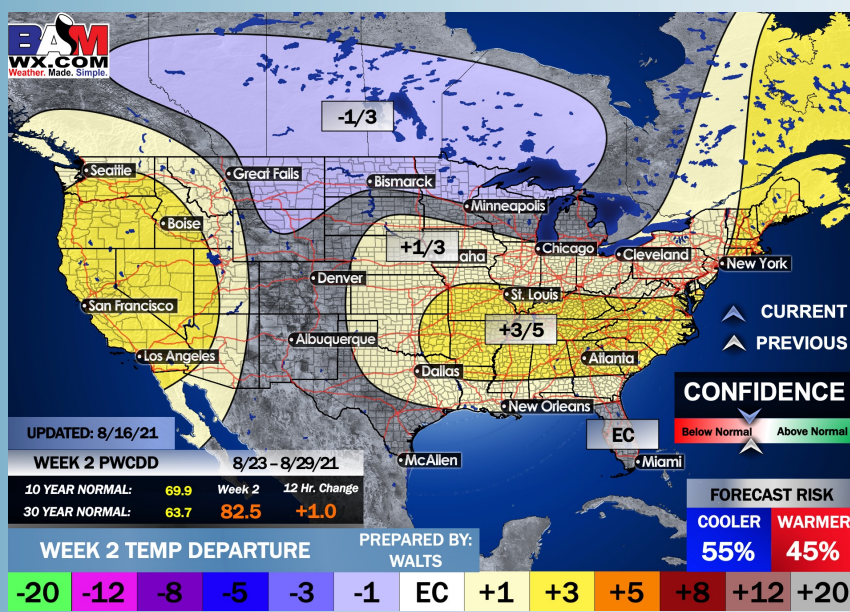
Week 1 Forecast



Long-Range Forecast Discussion

- Frequent daily PM pop up shower and storm risks will be common this week with tropical activity right now favored to remain out of the area. Under a heavier storm, locally higher totals of 1”+ cannot be ruled out but a more general 0.25 – 0.75” is likely.
- Favoring seasonable to slightly warmer than normal temperatures for the week 2 period. Overall, not favoring anything all that notable for temperatures. Some gulf flow at times leads to relatively seasonable moisture risks but some dry periods are possible in week 2.
- Still favoring a slightly cooler and more active pattern working into early September. We’ll likely continue to need to keep an eye on potential tropical risks into week’s ³/₄.

Week 2 Forecast



Weeks 3/4 Forecast

