

Updated: 1:00 PM CT, Wednesday, June 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.**



Trigger Thresholds for Houston Pilots Boarding Station:

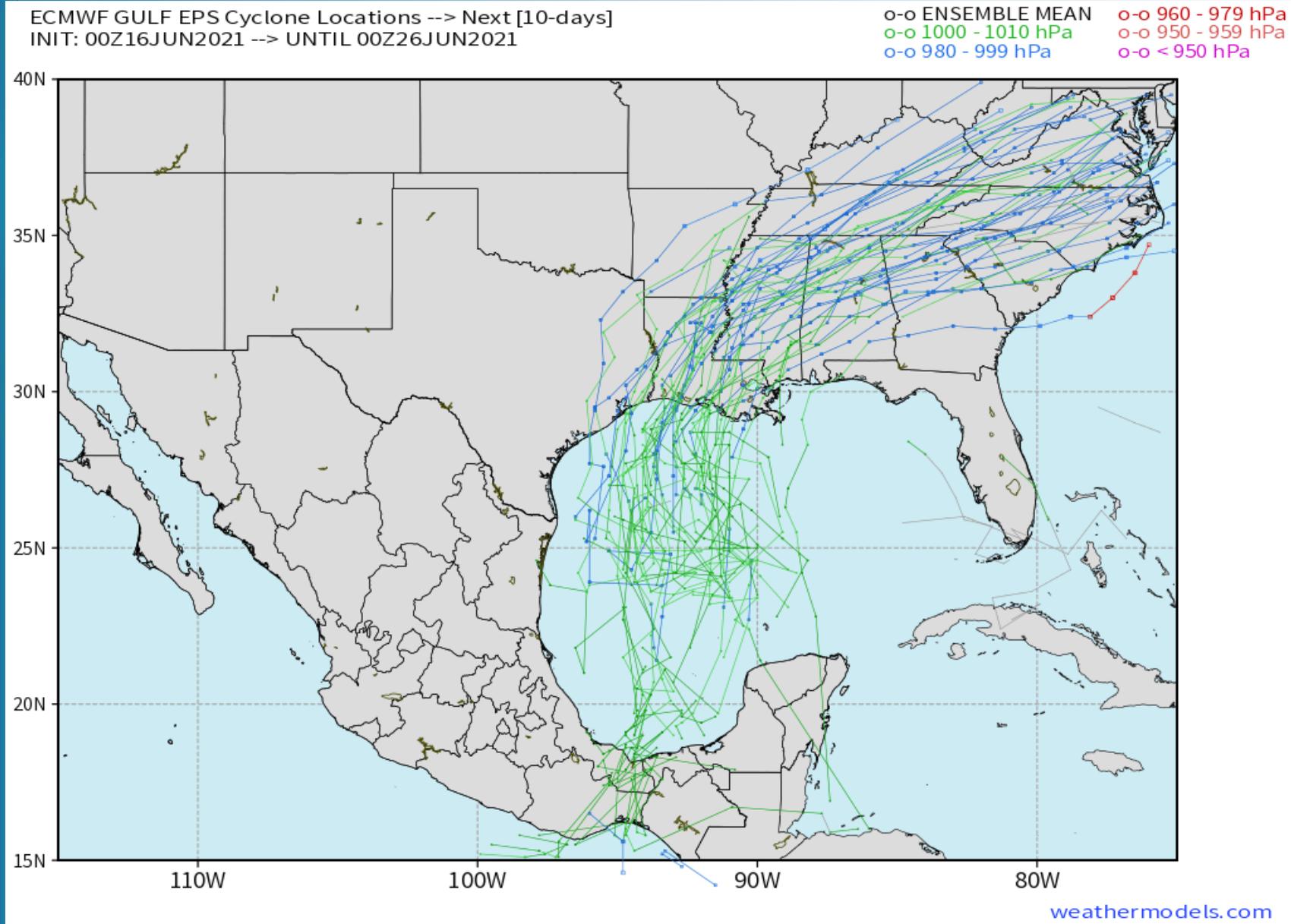
Trigger met at:	Sustained winds 39+ MPH	Consistent Waves of 6 Feet+	Expected time when trigger will end + hours remaining
Victor	N/A	N/A	N/A
Whiskey	N/A	N/A	N/A
X-Ray	N/A	N/A	N/A
Yankee	N/A	N/A	N/A
Zulu	N/A	N/A	N/A

Port Condition	Definition Of Triggers	Trigger Reached
Victor	Hurricane entering or developing in the Gulf of Mexico	NO
Whiskey	72 hrs. prior to predicted sustained winds 39+ MPH	NO
X-Ray	48 hrs. prior to predicted sustained winds of 39+ MPH OR 6' wave height	NO
Yankee	24 hrs. prior to predicted sustained winds of 39+ MPH OR 6' wave height	NO
Zulu	12 hrs. prior to predicted sustained winds of 39+ MPH OR 6' wave height	NO

We continue to favor the tropical wave to bring the highest impacts East of the Houston/Galveston area and work more into Louisiana. At this time, sustained winds of 39 MPH and/or wave heights of 6 feet are not anticipated. We will continue to monitor the threat as there is some guidance has this wave making landfall further west, so the risk of a more W solution needs to be at least mentioned (but not currently favored).

Tropical Update *(main impacts East):*

EPS Tracks (Next 10-days):

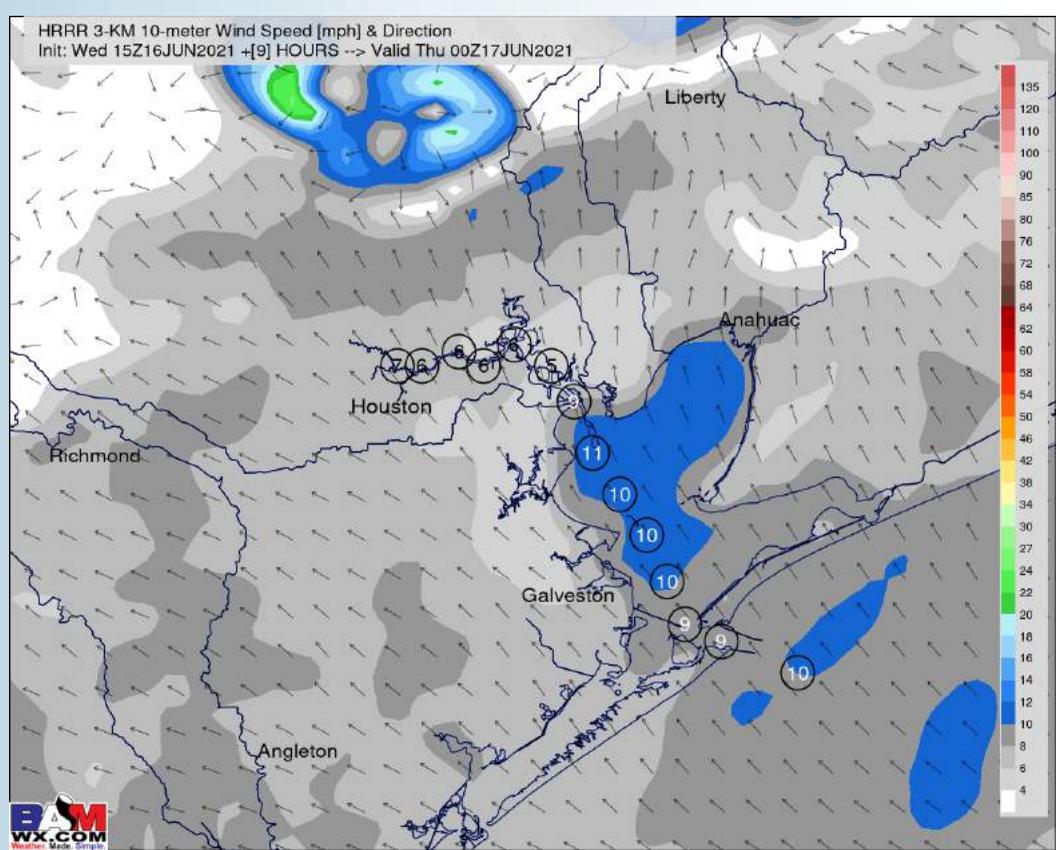


Friday and Saturday look to be the two days that will provide the Houston/Galveston area with the most impacts from this tropical wave. Shown above are the latest European ensembles (EPS) of low pressure tracks with this upcoming system. ***The majority of operational model data continues to suggest a landfall east of HOU towards Louisiana.*** However, some members on the model ensembles are further to the west, so the risk for HOU to see increased rainfall/wind on the NW side of the system is still in the realm of possibility, even though it's on the lower end of confidence. Ensemble members do not suggest a Hurricane potential as well, more of below tropical storm strength. We are still a few days out, and will continue to monitor this; however, as noted above, we believe the best risk for impacts are east right now.

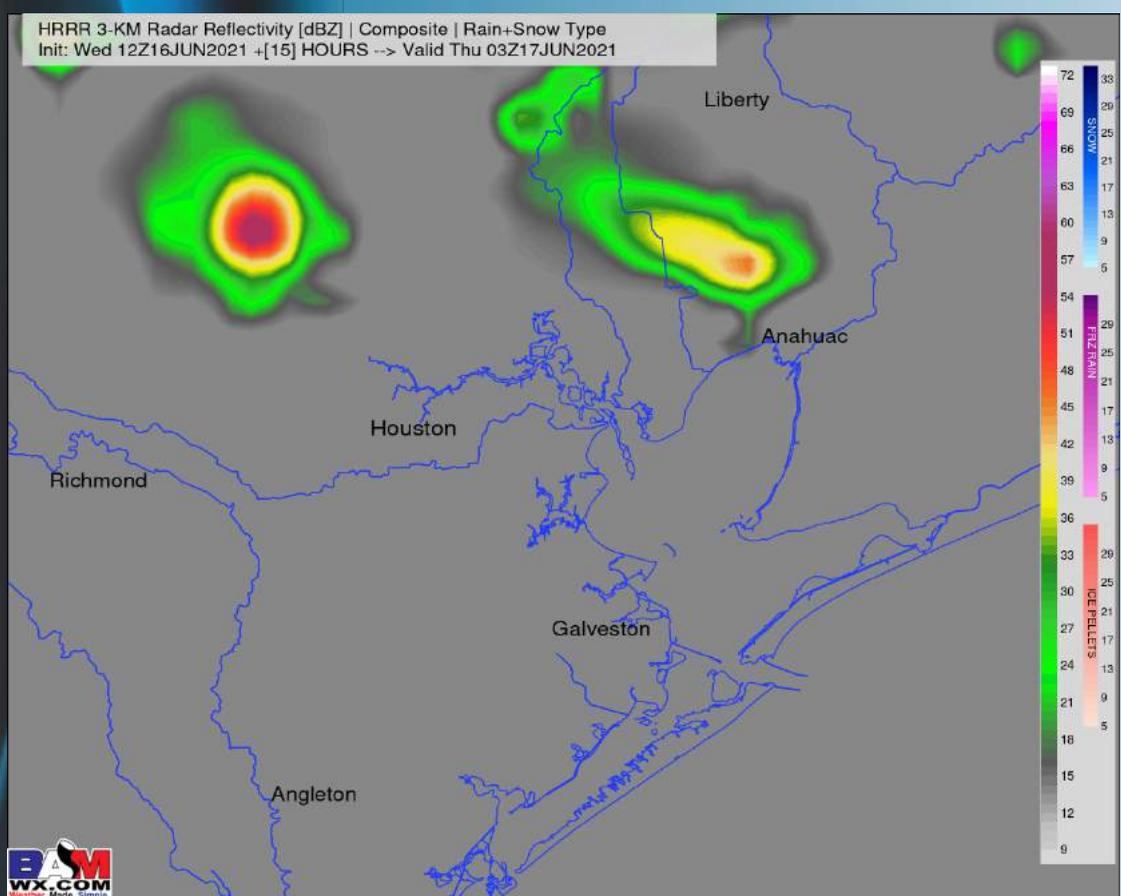
Short-Term Forecast Discussion

- Continuing to keep an eye in the 6-10 PM window for some scattered showers and thunderstorms around the area. A few locally stronger cells cannot be ruled out that could temporarily reduce visibility, but expecting coverage and intensity to decrease as the evening progresses. Latest guidance is trying to keep the bulk of coverage mainly N, but the threat for precip is still in the picture.
- Winds will continue coming out of the NE for the next few hours at 5-10 MPH with a few isolated gusts to 15 MPH. Near ~ 4 PM the winds will turn more out of the SE for the rest of the day.
 - Lows tonight drop back into the lower 80s.
- *No fog is favored through the morning, however pending the coverage of evening precipitation we may have to keep an eye on patchy reduced visibility for our far N stations. Best window would be 5-8 AM N of Morgan's Point, but again formation is not favored at this time.*

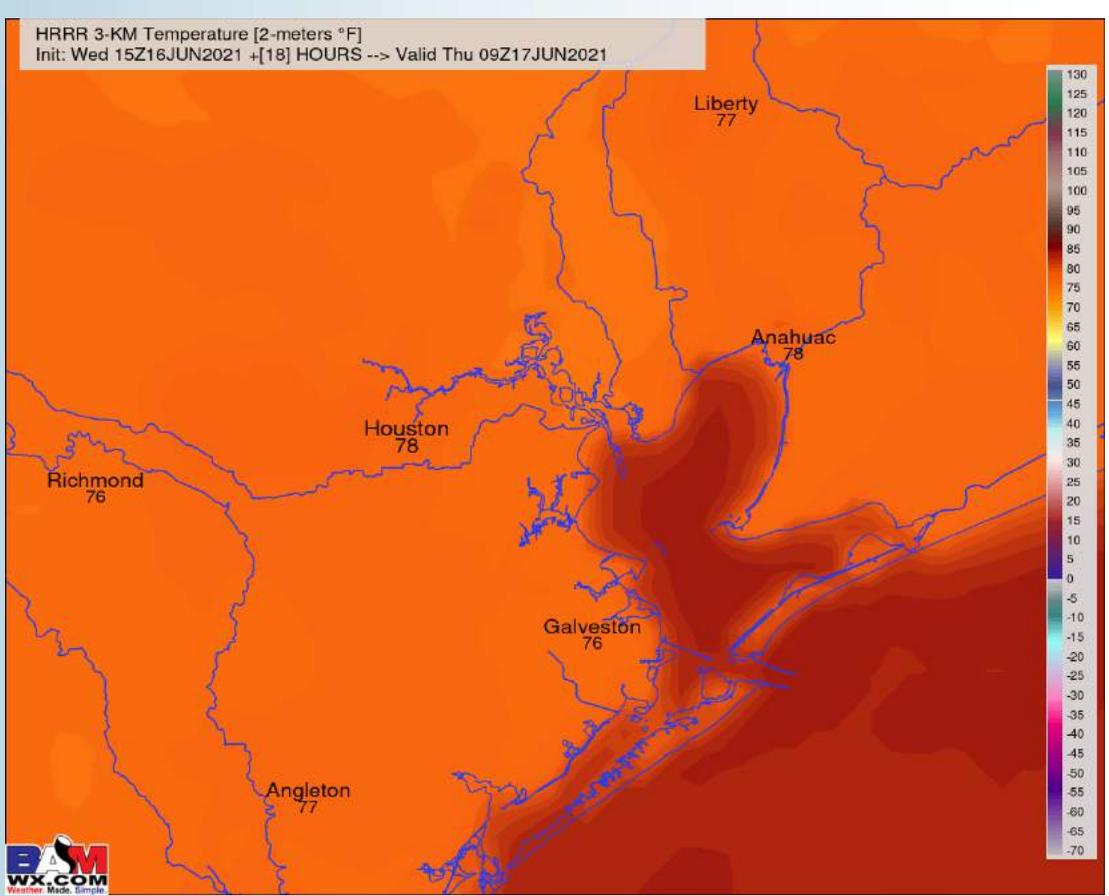
Sustained Winds (8 PM CT)



Simulated Radar Snapshot (10 PM CT)



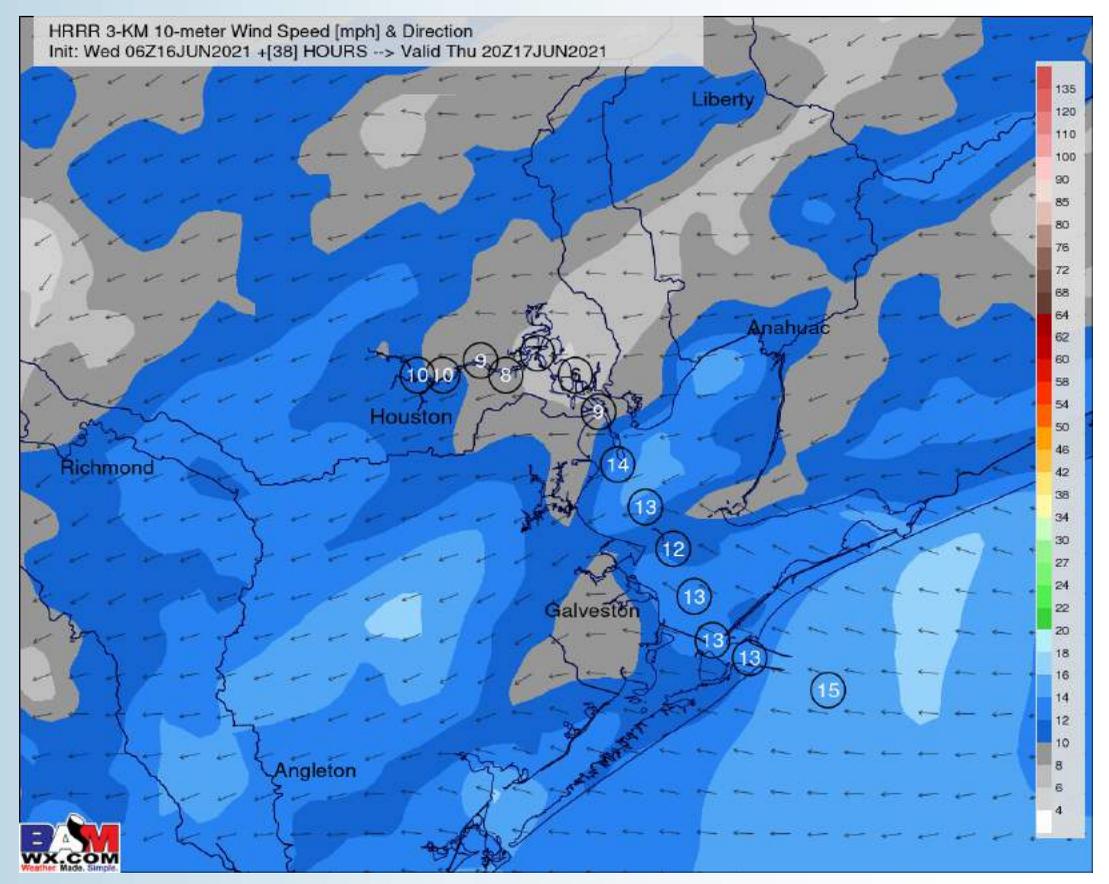
Low Temps this Evening



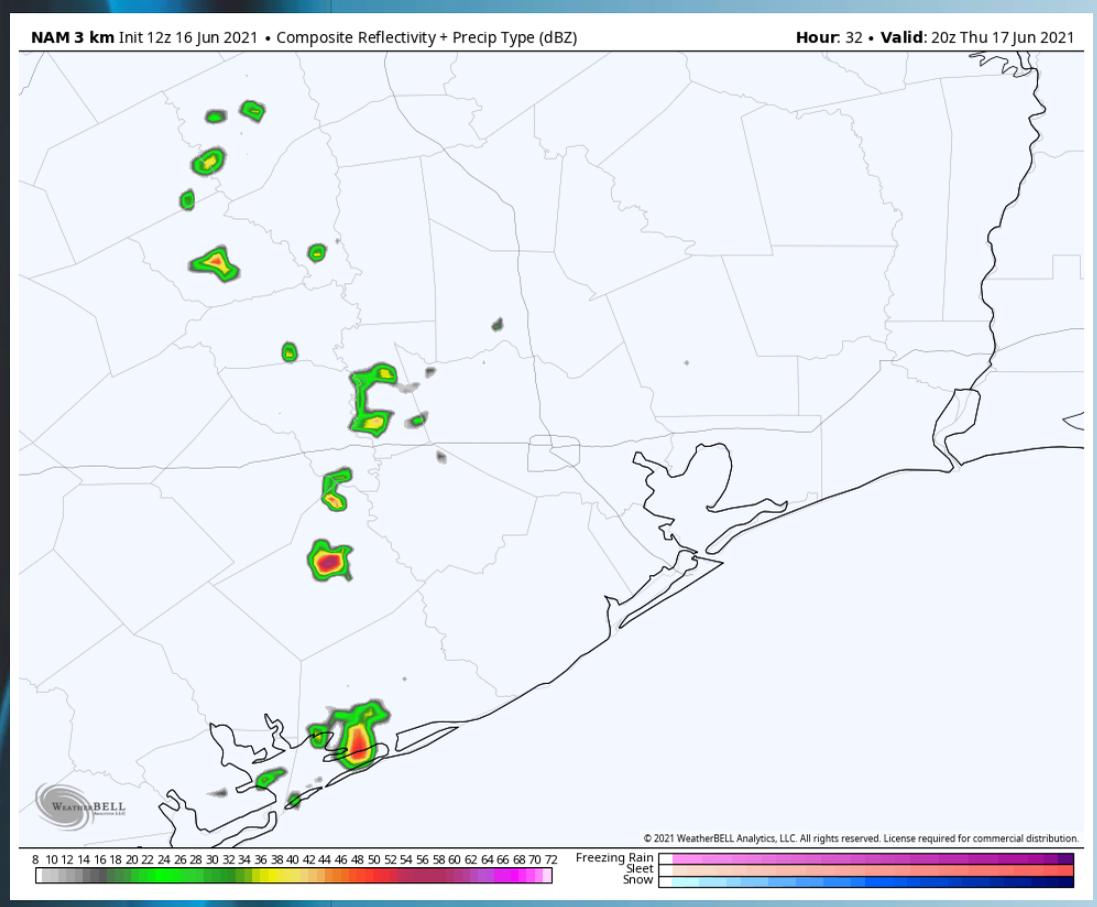
Short-Term Forecast Discussion

- Right now we are favoring overall a drier forecast for Thursday across the area. A very isolated chance (~10% for shower/ t-storm) will be possible late into the PM hours
- Winds on Thursday start out calm and coming out of the NE, but then look to mainly be out of the ESE at 8-13 MPH, sustained in the afternoon, at times gusting up to 15 MPH.
- Temperatures on THU look to get into the upper 80's/ lower 90s open waters, once again warmer inland.
 - *No fog anticipated Thursday.*

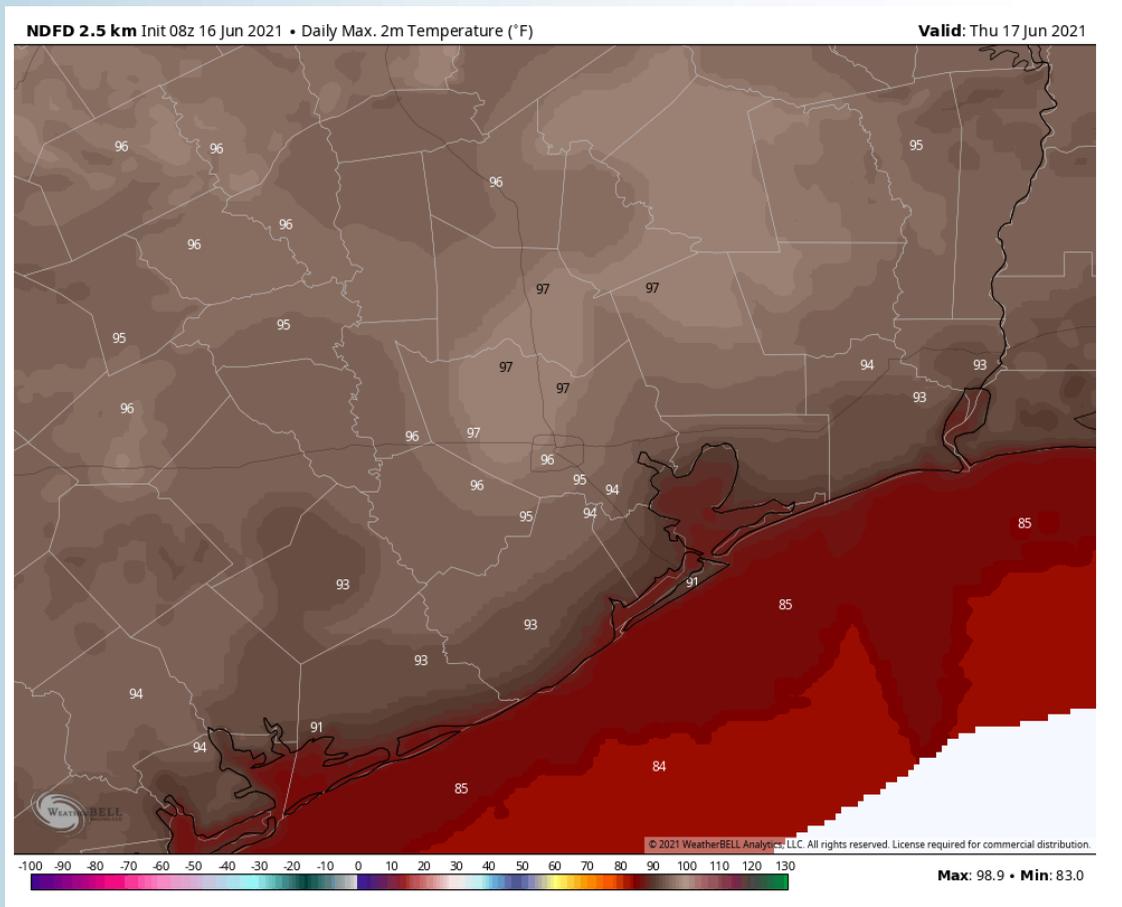
Sustained Winds (4 PM CT)



Simulated Radar Snapshot (3 PM CT)



High Temperatures Thursday



Short-Term Forecast Discussion

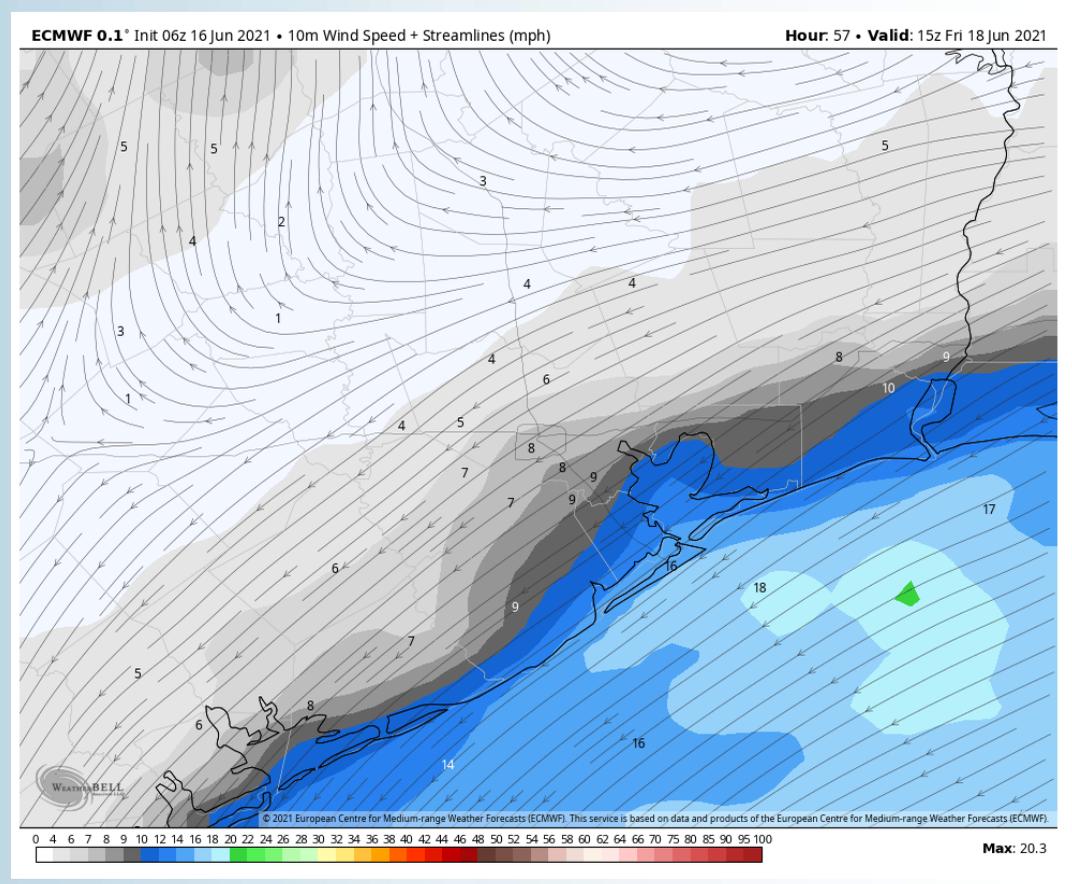
- While a few isolated pockets of precip will be possible the first half of the day, at this distance the better opportunity for bands of precipitation to work into the area looks to come mid-afternoon and beyond. We will continue to favor the overwhelming majority of precip with this wave coming E into LA, but precip will still be certainly in the forecast.

- We will need to fine tune Friday's forecast as we draw closer, but based on the current favored placement of the track of our tropical wave, sustained winds of 10-20 MPH with gusts 25 MPH will be possible for much of the day coming from the NE.

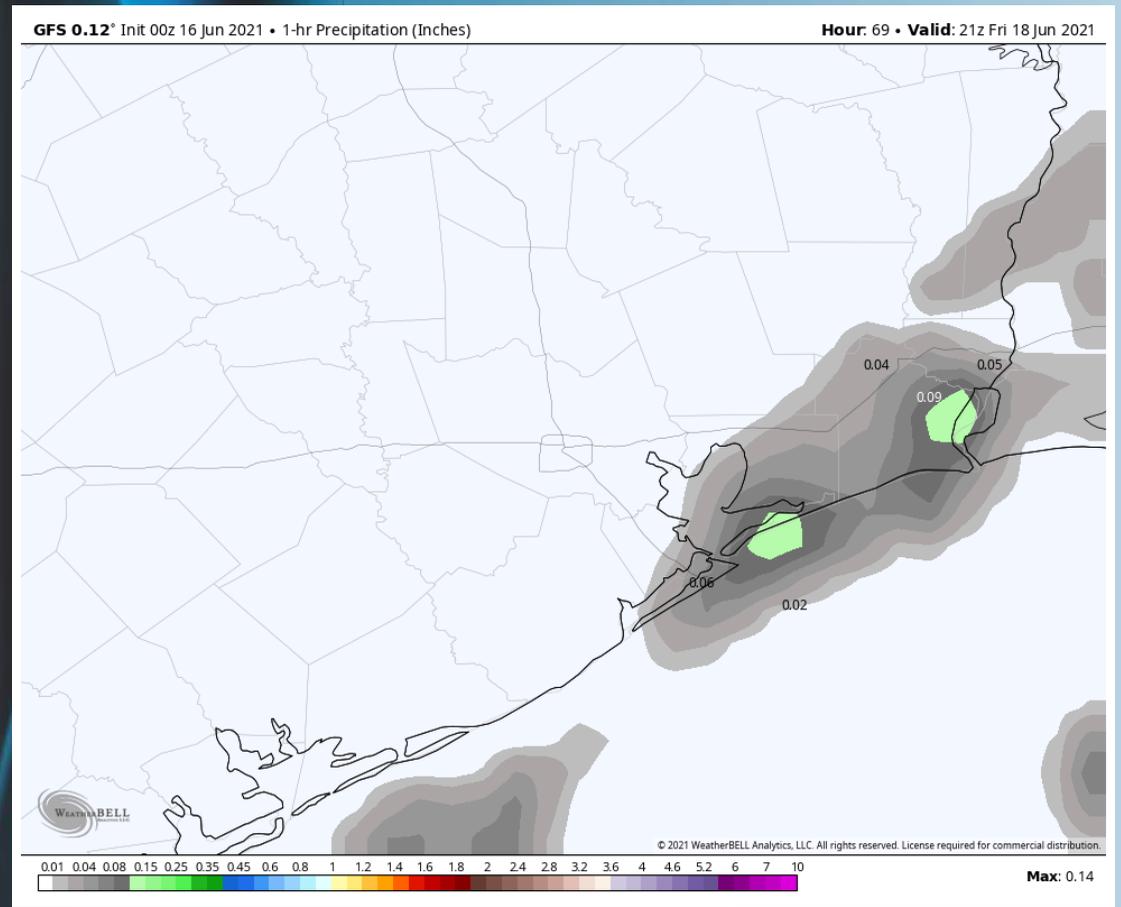
- Similar set up temperature wise for Friday, upper 80s to lower 90s for most stations, low to mid 90s closer to the HOU metro.

- *No fog anticipated for Friday.*

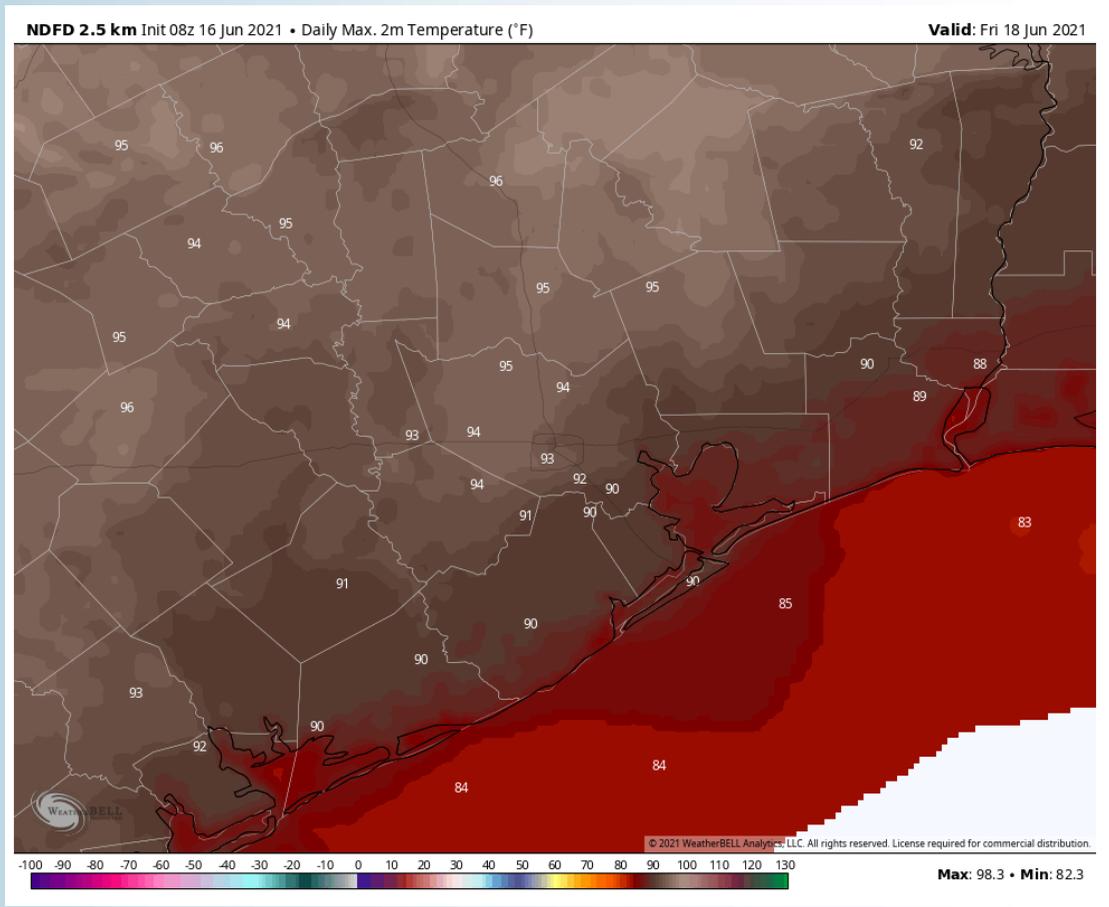
Sustained Winds (10 AM CT)



Simulated Radar Snapshot (4 PM CT)



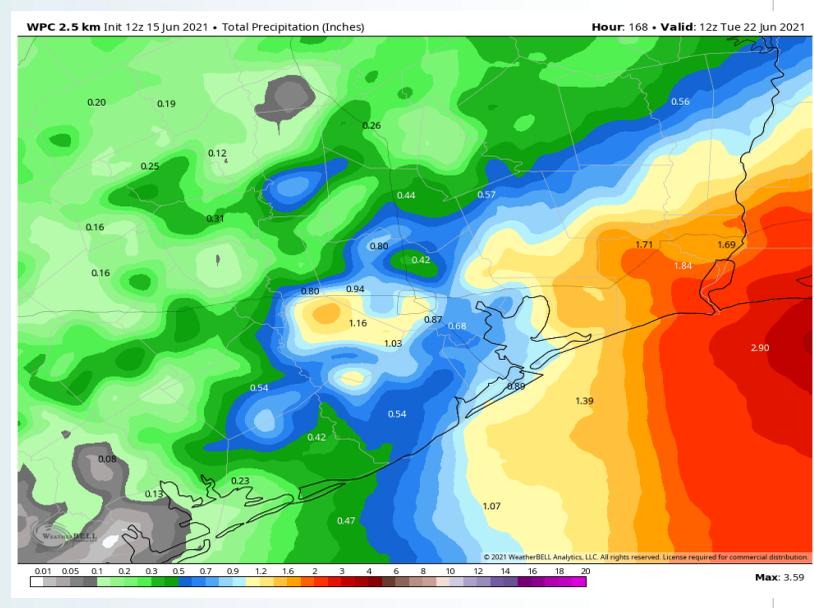
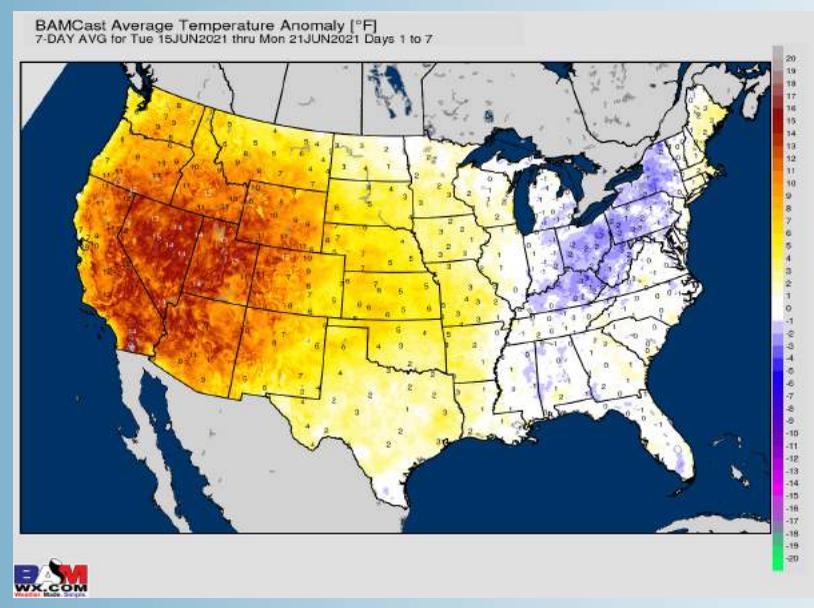
High Temperatures Friday



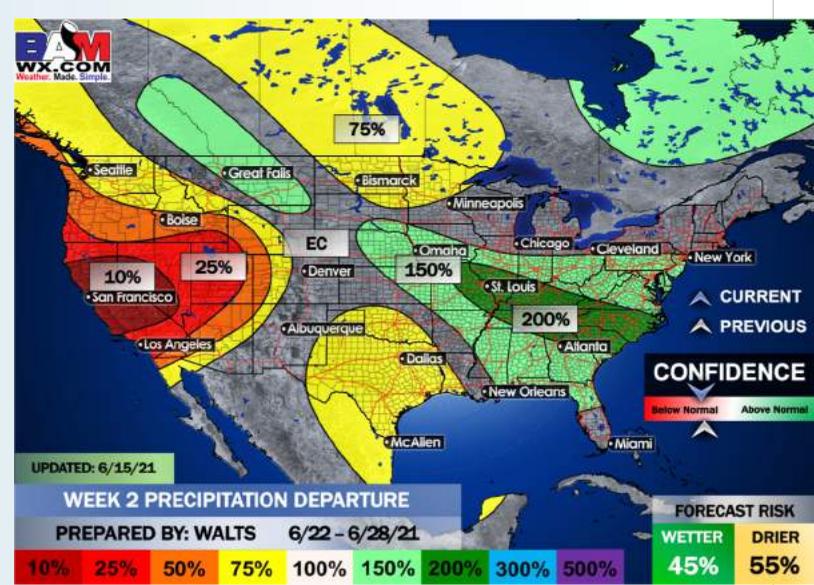
Long-Range Forecast Discussion

- Temperatures look to run at/ slightly above normal the next 7 days. Isolated rain chances will be possible for much of the week ahead with increasing chances heading into the weekend as a tropical disturbance gets closer (should stay mostly east of HOU towards Louisiana).
- Week 2 is anticipated to trend drier vs previous wetter weeks across the area, while temps look to stay about normal here into late June.
- The weeks ¾ (late June to early July) period likely features more cooler than normal temperatures, while precipitation looks to return back to above normal in this period as well.

Week 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

