

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



Trigger Thresholds for Houston Pilots Boarding Station:

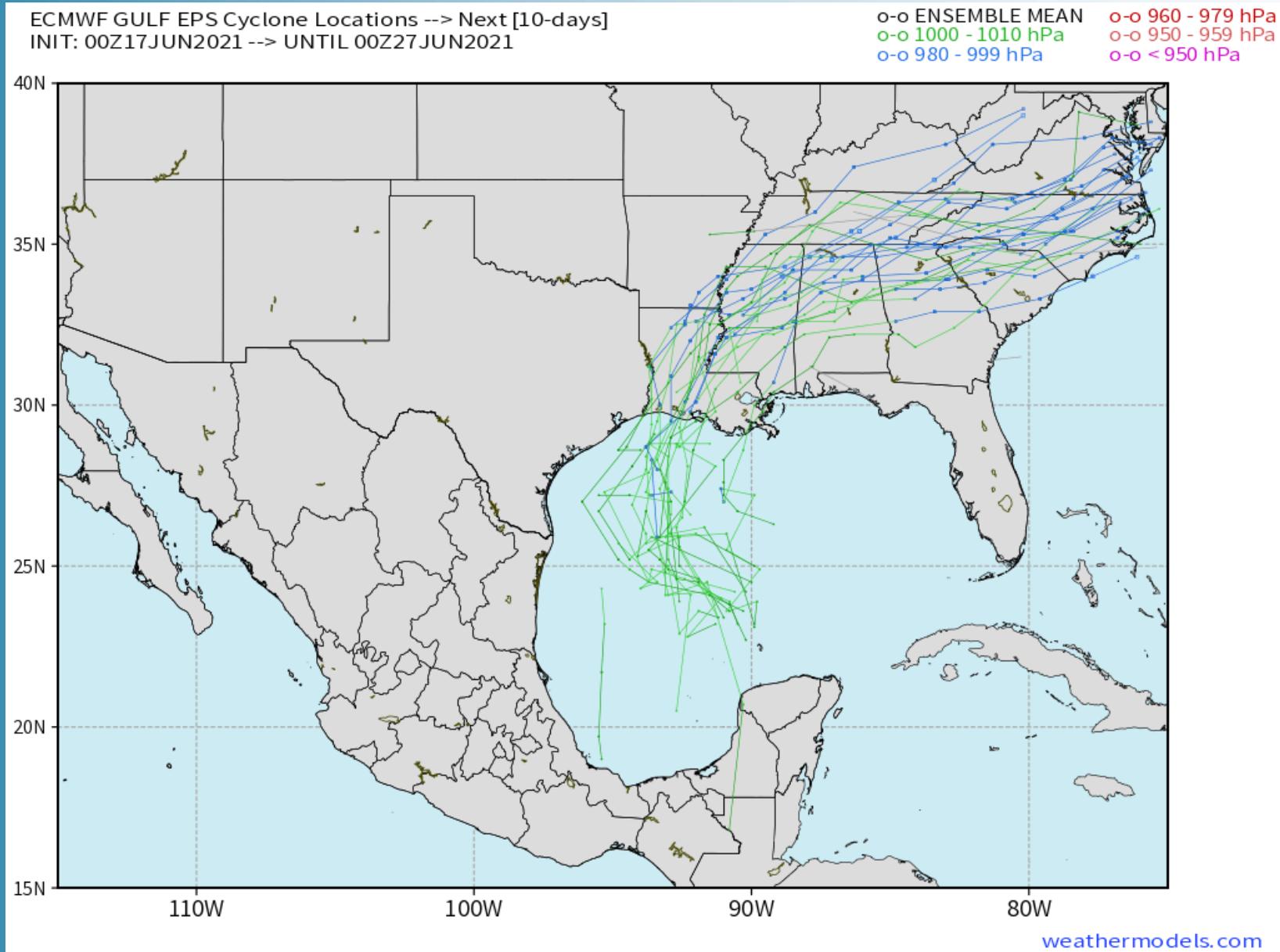
| Trigger met at: | Sustained winds 39+ MPH | Consistent Waves of 6 Feet+ | Expected time when trigger will end + hours remaining |
|-----------------|-------------------------|-----------------------------|---|
| Victor | N/A | N/A | N/A |
| Whiskey | N/A | N/A | N/A |
| X-Ray | N/A | N/A | N/A |
| 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 well East of the Houston/Galveston area and work more into E Louisiana. At this time, sustained winds of 39 MPH and/or wave heights of 6 feet are not anticipated.

Tropical Update (*main impacts East*):

EPS Tracks (Next 10-days):



Since yesterday's updates we have seen additional East trends in model guidance, thus increasing confidence that the main impacts with this tropical wave will not affect the Houston/Galveston areas. While a few outer bands of precip and slightly elevated winds will still be possible during portions of Fri. and Sat., conditions look worse further east into LA. Trends will be monitored, but there is rather good agreement within data for an E landfall.



Visibility Report

Thursday, June 17, 2021

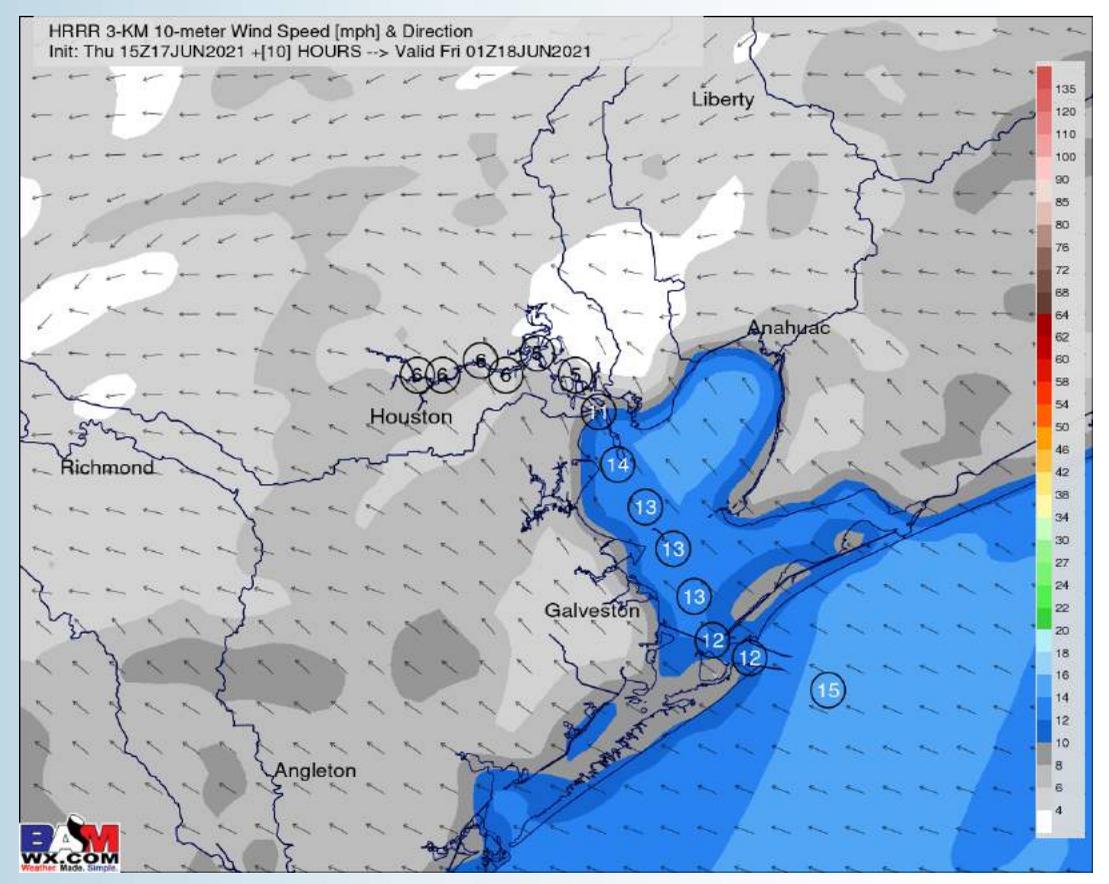
HOURLY VISIBILITY BREAKDOWN (in miles)

| Time | 06-17-2021 Thu 11am | 06-17-2021 Thu 12pm | 06-17-2021 Thu 1pm | 06-17-2021 Thu 2pm | 06-17-2021 Thu 3pm | 06-17-2021 Thu 4pm | 06-17-2021 Thu 5pm | 06-17-2021 Thu 6pm | 06-17-2021 Thu 7pm | 06-17-2021 Thu 8pm | 06-17-2021 Thu 9pm | 06-17-2021 Thu 10pm | 06-17-2021 Thu 11pm | 06-18-2021 Fri 12am | 06-18-2021 Fri 1am | 06-18-2021 Fri 2am | 06-18-2021 Fri 3am | 06-18-2021 Fri 4am | 06-18-2021 Fri 5am | 06-18-2021 Fri 6am | 06-18-2021 Fri 7am | 06-18-2021 Fri 8am | 06-18-2021 Fri 9am | 06-18-2021 Fri 10am | 06-18-2021 Fri 11am | 06-18-2021 Fri 12pm | 06-18-2021 Fri 1pm | 06-18-2021 Fri 2pm | 06-18-2021 Fri 3pm | 06-18-2021 Fri 4pm | 06-18-2021 Fri 5pm | 06-18-2021 Fri 6pm | 06-18-2021 Fri 7pm | 06-18-2021 Fri 8pm | 06-18-2021 Fri 9pm | 06-18-2021 Fri 10pm |
|--------------------------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Houston Pilots N - 610 Bridge | 10.00 | 8.295 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 2.816 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 9.934 | 9.402 | 9.073 | 8.838 | 8.269 | 8.404 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 4.838 | 3.498 | 8.628 | 6.392 | 4.737 | 0.923 | 3.252 | 10.00 | 9.846 |
| Houston Pilots M - Kinder 1 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 5.676 | 2.816 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 9.934 | 9.394 | 9.023 | 8.838 | 8.269 | 8.404 | 9.812 | 10.00 | 10.00 | 10.00 | 10.00 | 4.838 | 3.498 | 8.628 | 6.392 | 6.020 | 0.923 | 3.252 | 10.00 | 9.846 | |
| Houston Pilots L - Greens Bayou | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 5.676 | 7.413 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 9.934 | 9.394 | 9.023 | 8.838 | 8.269 | 8.404 | 9.779 | 10.00 | 10.00 | 10.00 | 10.00 | 8.994 | 4.838 | 4.245 | 8.628 | 10.00 | 6.020 | 1.823 | 3.252 | 10.00 | 9.846 |
| Houston Pilots K - Shell Crude | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 5.676 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 9.934 | 9.394 | 9.023 | 8.838 | 8.566 | 8.557 | 9.776 | 10.00 | 10.00 | 10.00 | 10.00 | 2.080 | 6.818 | 10.00 | 8.628 | 10.00 | 2.882 | 1.823 | 3.252 | 10.00 | 9.846 |
| Houston Pilots J - Lynchburg Ferries | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 5.676 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 9.934 | 9.394 | 9.023 | 8.838 | 8.714 | 8.681 | 9.776 | 10.00 | 10.00 | 10.00 | 10.00 | 0.864 | 3.965 | 10.00 | 5.880 | 6.736 | 2.882 | 7.882 | 10.00 | 10.00 | 10.00 |
| Houston Pilots I - Exxon 3 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 8.608 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 9.934 | 9.394 | 9.023 | 8.838 | 8.714 | 9.010 | 9.776 | 10.00 | 10.00 | 10.00 | 10.00 | 0.864 | 10.00 | 10.00 | 5.880 | 6.736 | 2.882 | 7.693 | 10.00 | 10.00 | 10.00 |
| Houston Pilots H - Morgans Point | 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 | 9.934 | 9.394 | 9.023 | 8.838 | 8.762 | 9.010 | 9.776 | 10.00 | 10.00 | 10.00 | 10.00 | 0.864 | 10.00 | 9.652 | 5.880 | 6.736 | 2.882 | 7.135 | 9.703 | 10.00 | 10.00 |
| Houston Pilots G - 75/76 | 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 | 9.647 | 9.081 | 8.843 | 8.895 | 9.092 | 9.776 | 10.00 | 10.00 | 10.00 | 10.00 | 0.864 | 3.994 | 1.079 | 5.880 | 6.736 | 2.882 | 4.869 | 10.00 | 10.00 | 10.00 |
| Houston Pilots F - 63/64 | 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 | 9.698 | 9.998 | 10.00 | 10.00 | 10.00 | 10.00 | 5.919 | 0.864 | 3.994 | 1.079 | 8.838 | 3.174 | 3.297 | 4.724 | 10.00 | 10.00 | 10.00 |
| 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 | 10.00 | 10.00 | 10.00 | 2.006 | 7.486 | 1.023 | 1.079 | 8.838 | 1.179 | 3.572 | 2.869 | 10.00 | 10.00 | 10.00 |
| 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 | 9.882 | 10.00 | 10.00 | 6.770 | 10.00 | 2.006 | 8.721 | 0.882 | 1.079 | 10.00 | 1.179 | 3.572 | 2.607 | 10.00 | 8.021 | 10.00 |
| 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 | 7.494 | 1.408 | 8.426 | 2.006 | 3.870 | 0.882 | 10.00 | 10.00 | 1.179 | 2.342 | 2.159 | 10.00 | 8.021 | 9.957 |
| 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 | 9.095 | 10.00 | 10.00 | 7.494 | 1.408 | 8.426 | 2.006 | 3.870 | 1.138 | 10.00 | 10.00 | 1.179 | 2.342 | 1.855 | 10.00 | 8.021 | 9.957 |
| Houston Pilots A - 1 & 2 Bravo | 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 | 9.095 | 10.00 | 10.00 | 7.494 | 3.293 | 6.142 | 6.211 | 3.870 | 5.536 | 8.408 | 8.452 | 2.729 | 2.342 | 1.855 | 9.181 | 7.843 | 9.957 |

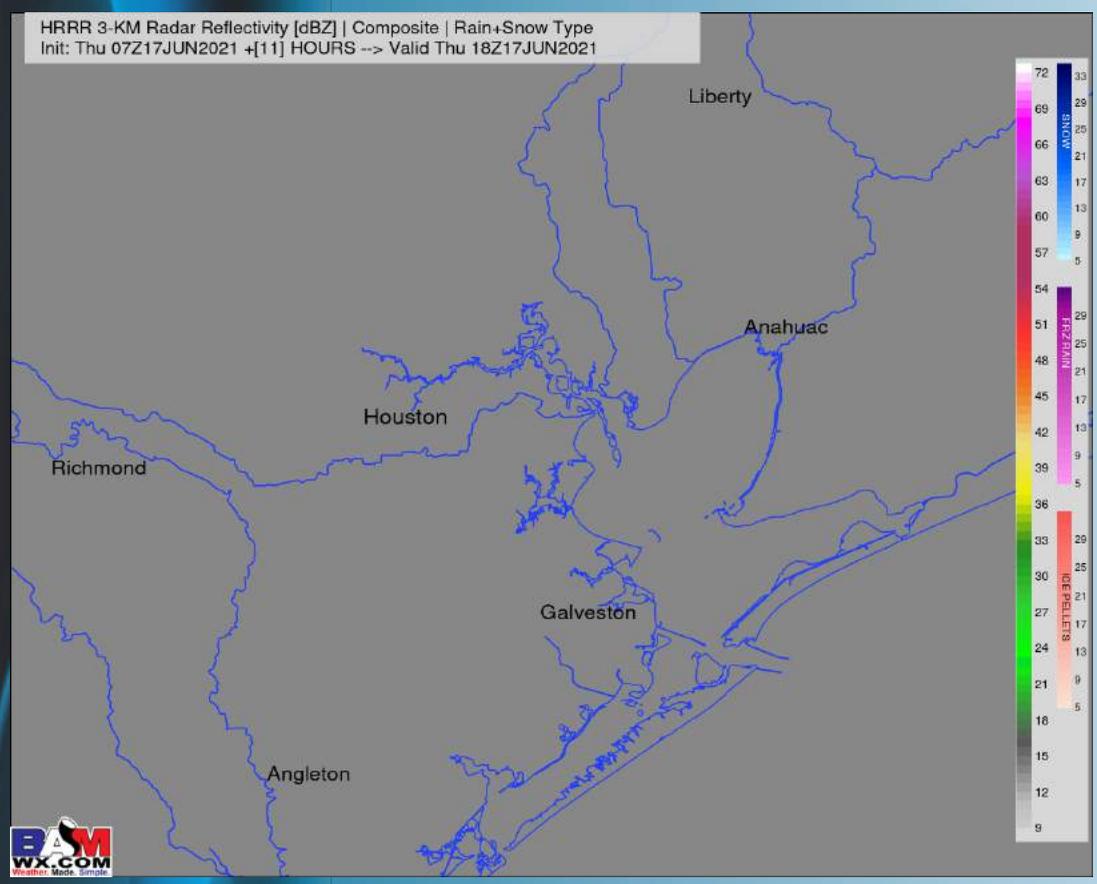
Short-Term Forecast Discussion

- Still favoring drier weather the rest of the day. A very isolated chance (~10% for shower/ t-storm) will be possible late into the PM hours.
- Winds will be mainly out of the SE by ~3 PM. Winds at 8-13 MPH sustained, at times gusting up to 15 MPH through the rest of the day.
- Low Temps drop back into the lower 80s around the area, upper 70s inland.
 - *No fog anticipated this evening.*

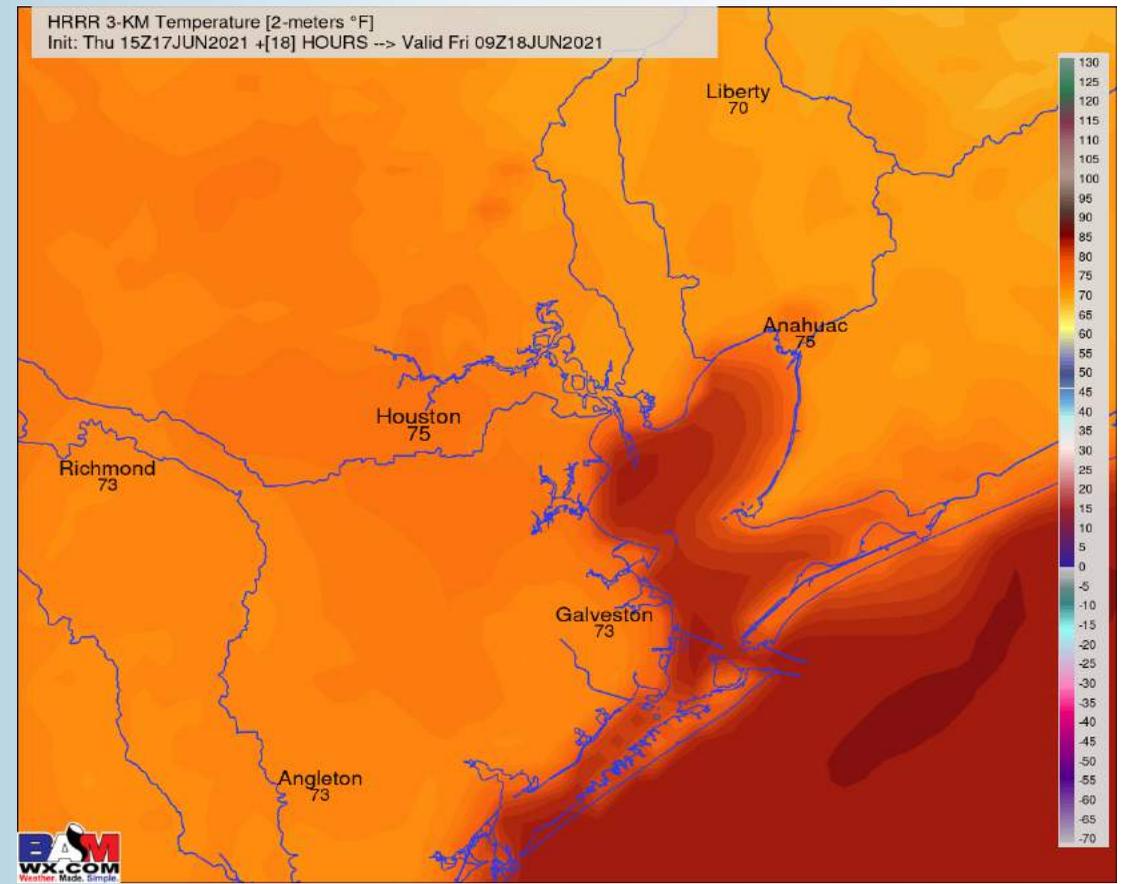
Sustained Winds (9 PM CT)



Simulated Radar Snapshot (2 PM CT)



Low Temps this Evening



Short-Term Forecast Discussion

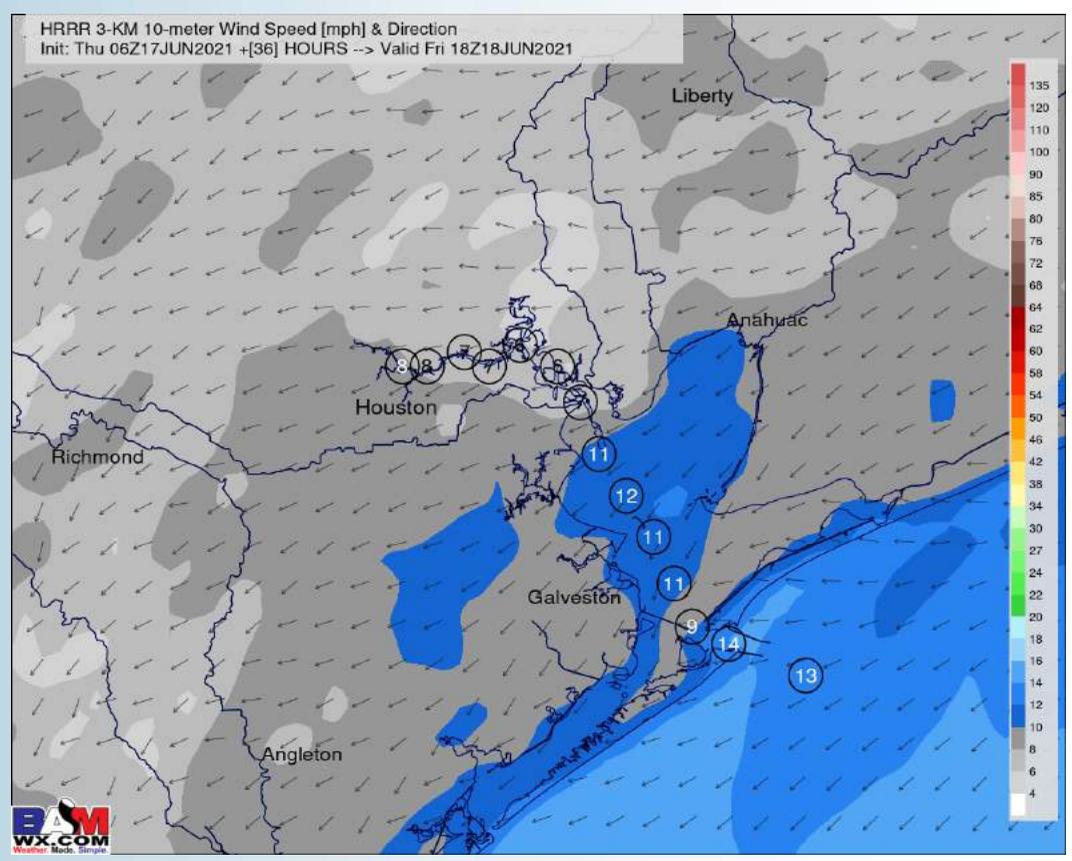
- Guidance has trended the tropical wave even further east into LA/MS/AL to where now the Houston area misses out on most of the rainfall/ primary impacts. Something isolated still cannot be ruled out in the AM hours, but we are in favor of quieter weather Friday AM. A few scattered showers/ t-storms will be possible later Friday from an outer band or two of this system, but there will be plenty of drier hours.

- Given the Eastern trends, winds have weakened a good bit for Friday – currently favoring sustained winds of 8-13 MPH with a few isolated gusts up to 18 MPH. Main wind direction the first half of the day will be coming from the NE, turning more E/SE into the PM.

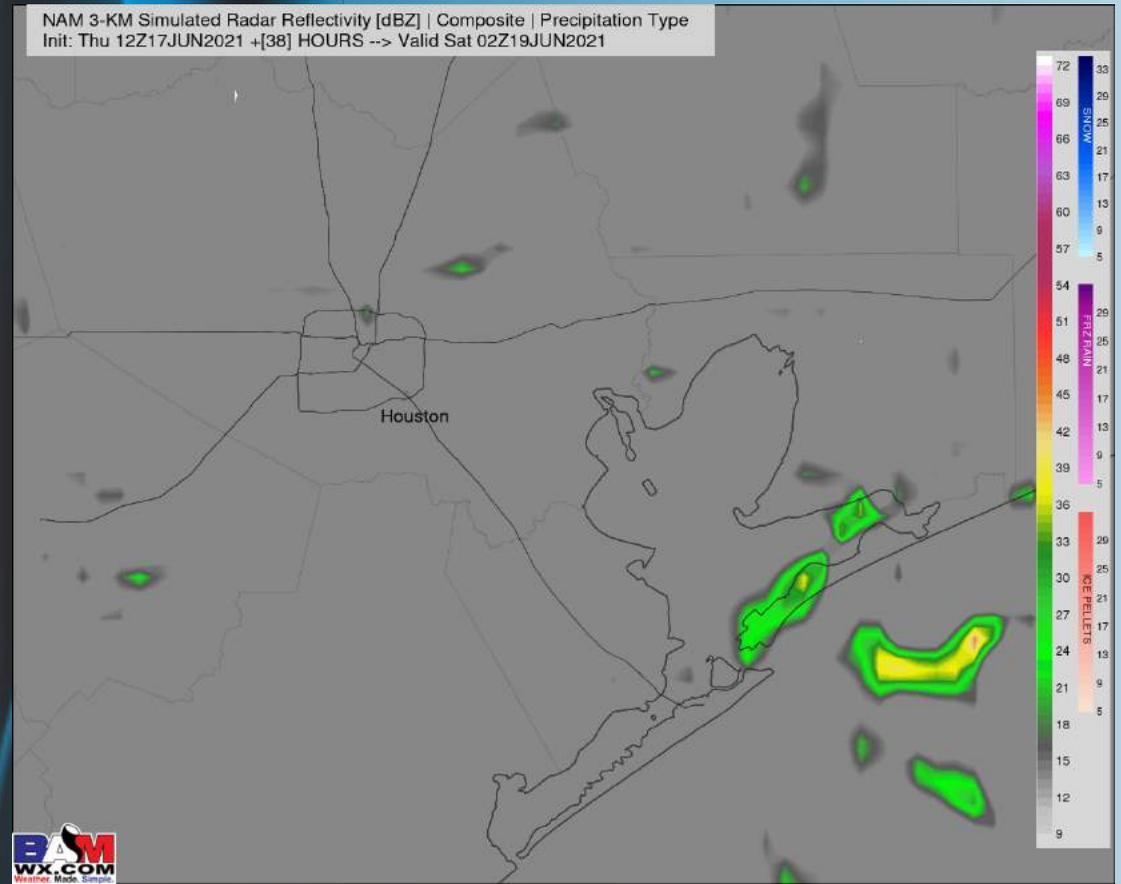
- Similar set up temperature wise for Friday, upper 80s to lower 90s for most stations, low to mid 90s closer to the HOU metro.

- *No fog anticipated for Friday.*

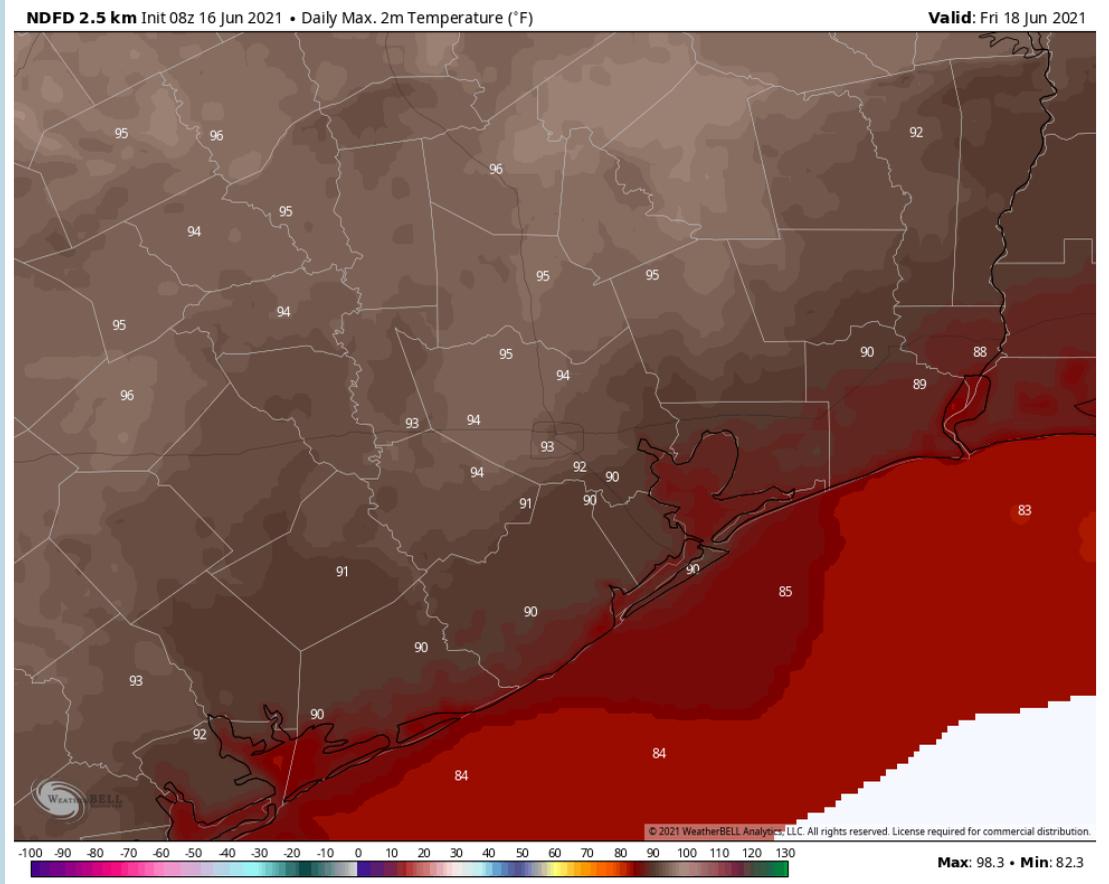
Sustained Winds (1 PM CT)



Simulated Radar Snapshot (8 PM CT)



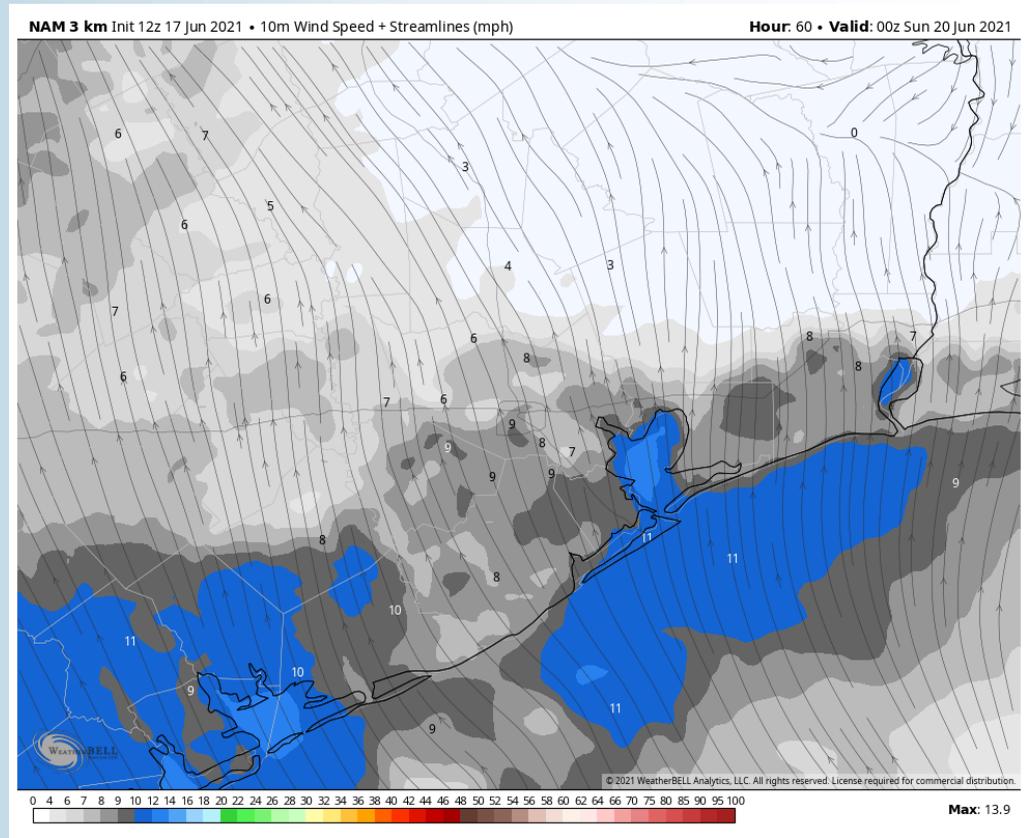
High Temperatures Friday



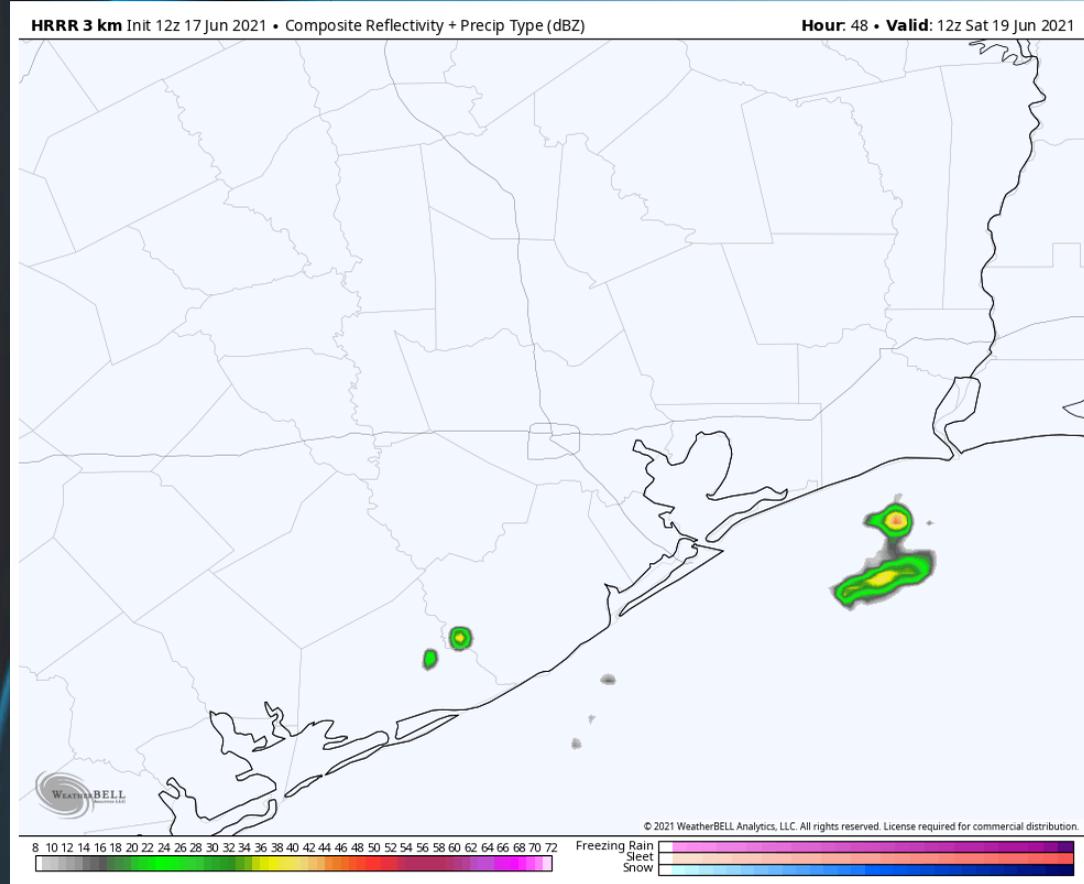
Short-Term Forecast Discussion

- Saturday looks similar to Friday in the fact that a good portion of the day will hold the potential to stay drier, but a few bands of scattered shower/ t-storms from the tropical wave will be possible at really anytime.
- Given continued eastward trends, winds have weakened even more- sustained at 8-13 MPH with gusts to 15 MPH. Primary direction will be out of the south. Confidence will continue to run a bit lower given this is associated with a tropical wave.
- Highs Saturday look to sit in the upper 80s for much of our stations, lower to mid 90s closer to downtown HOU.
- *No fog is favored Saturday.*

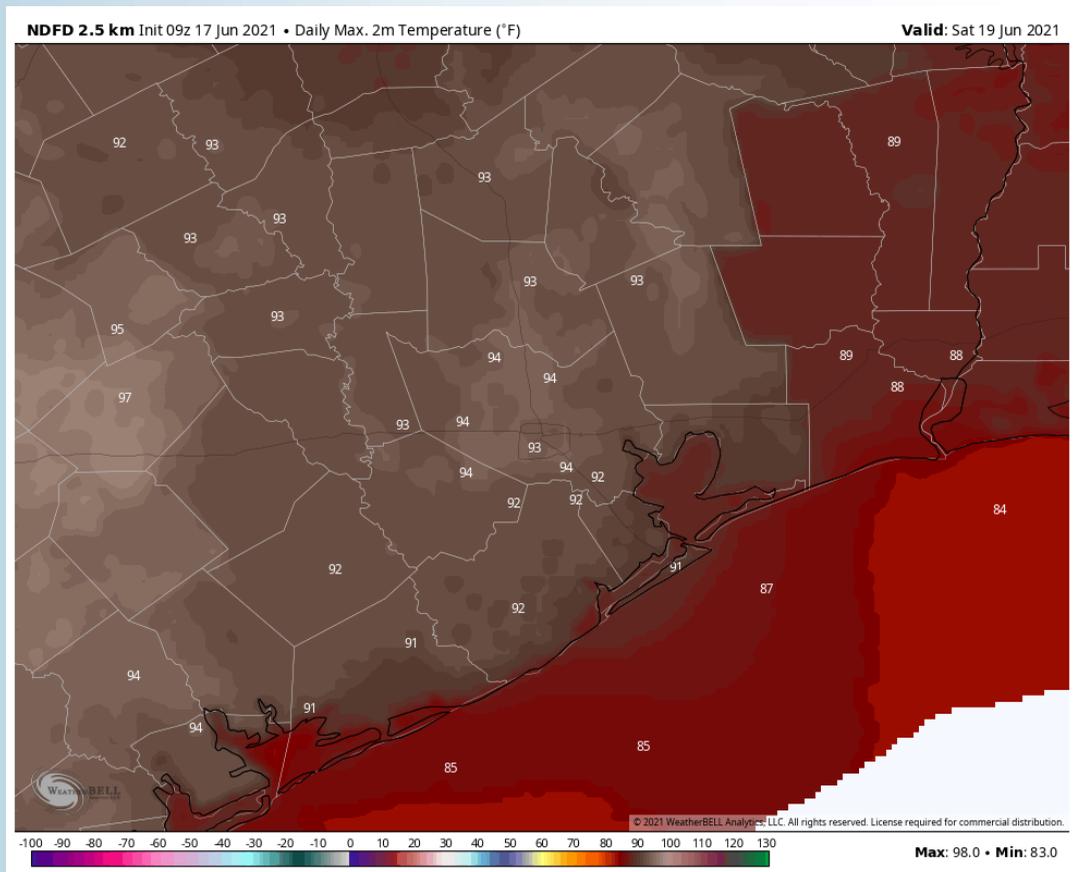
Sustained Winds (8 PM CT)



Simulated Radar Snapshot (8 AM CT)



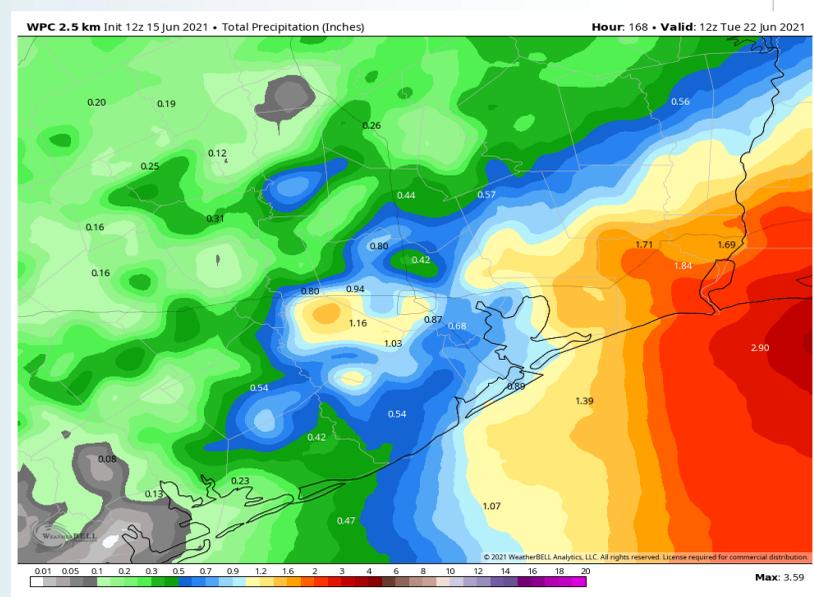
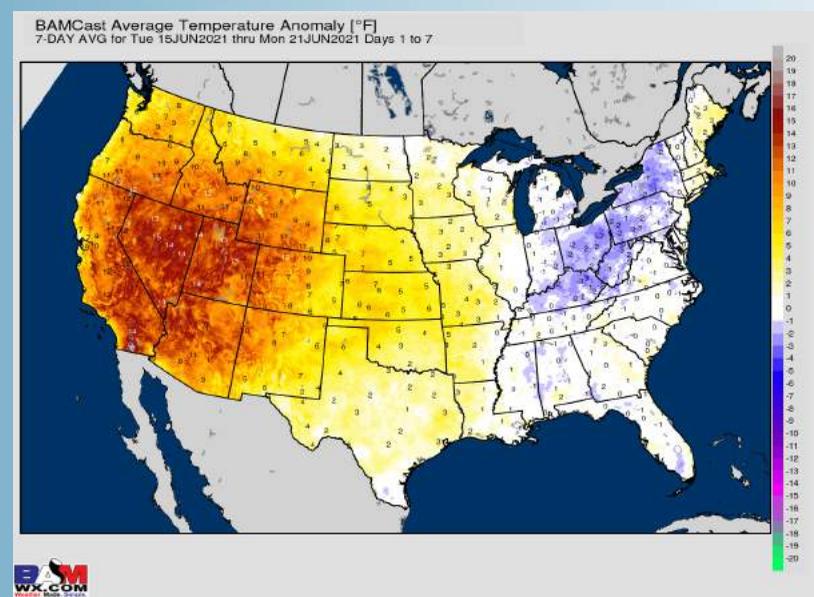
High Temps Saturday



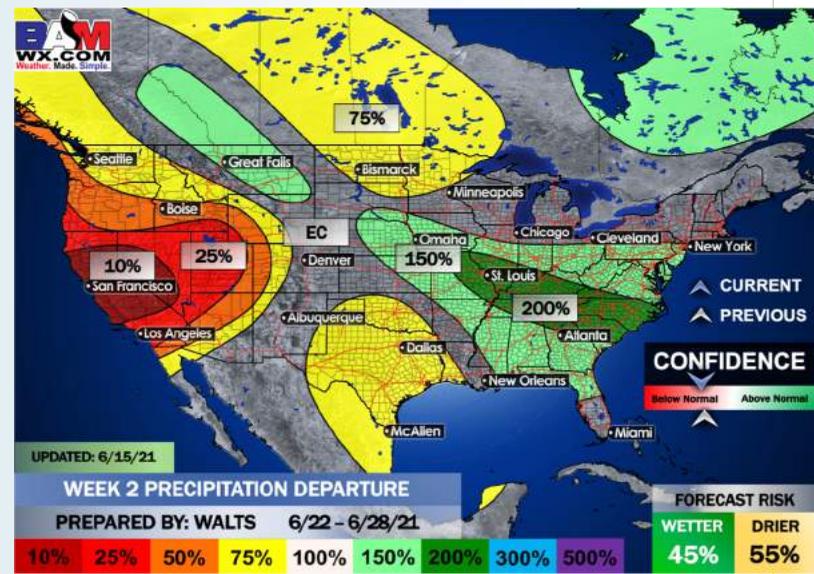
Long-Range Forecast Discussion

- 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

