

Updated: 5:00 AM 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:

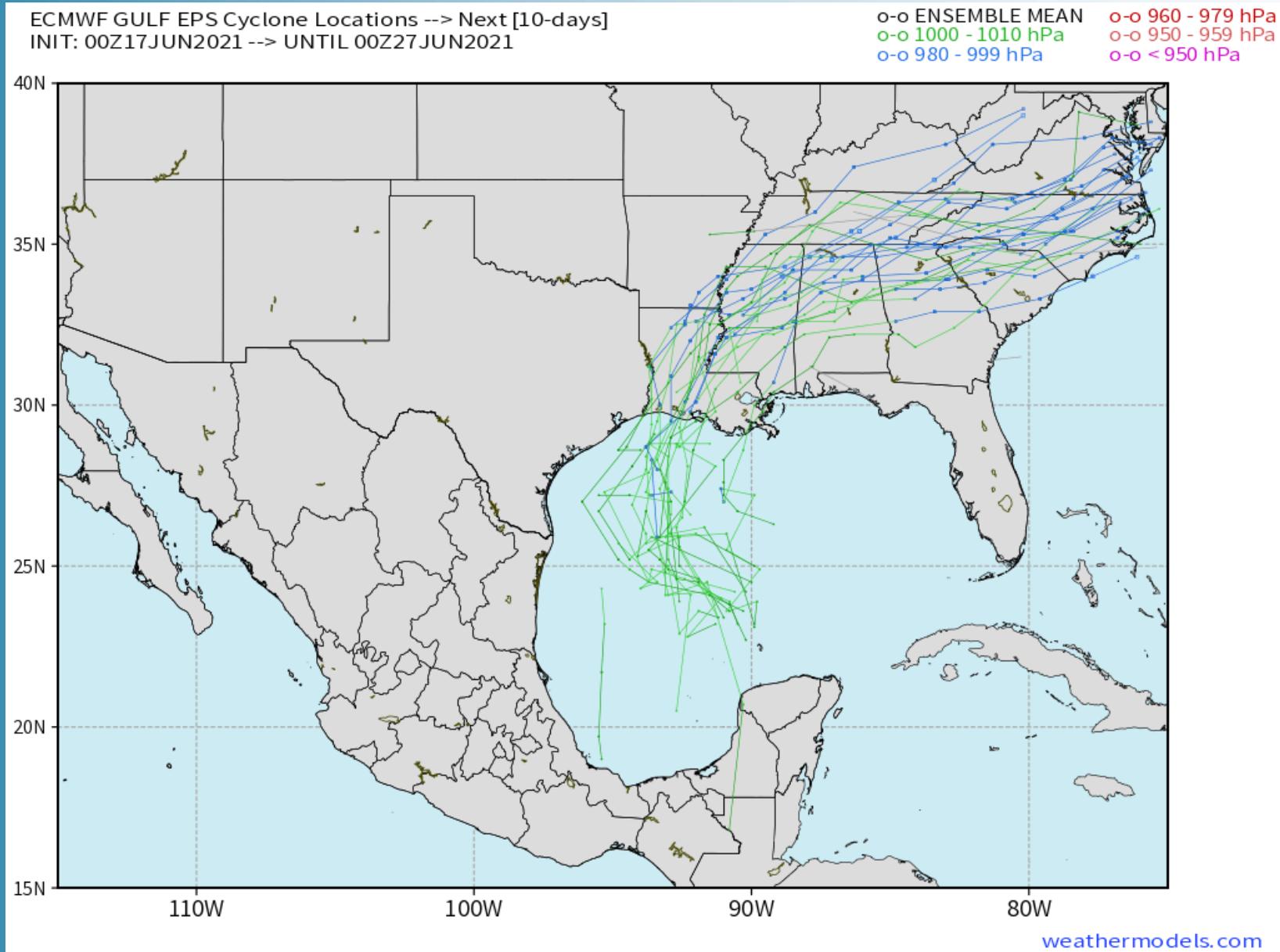
Trigger met at:	Sustained winds 39+ MPH	Consistent Waves of 6 Feet+	Expected time when trigger will end + hours remaining
Victor	N/A	N/A	N/A
Whiskey	N/A	N/A	N/A
X-Ray	N/A	N/A	N/A
Yankee	N/A	N/A	N/A
Zulu	N/A	N/A	N/A

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 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

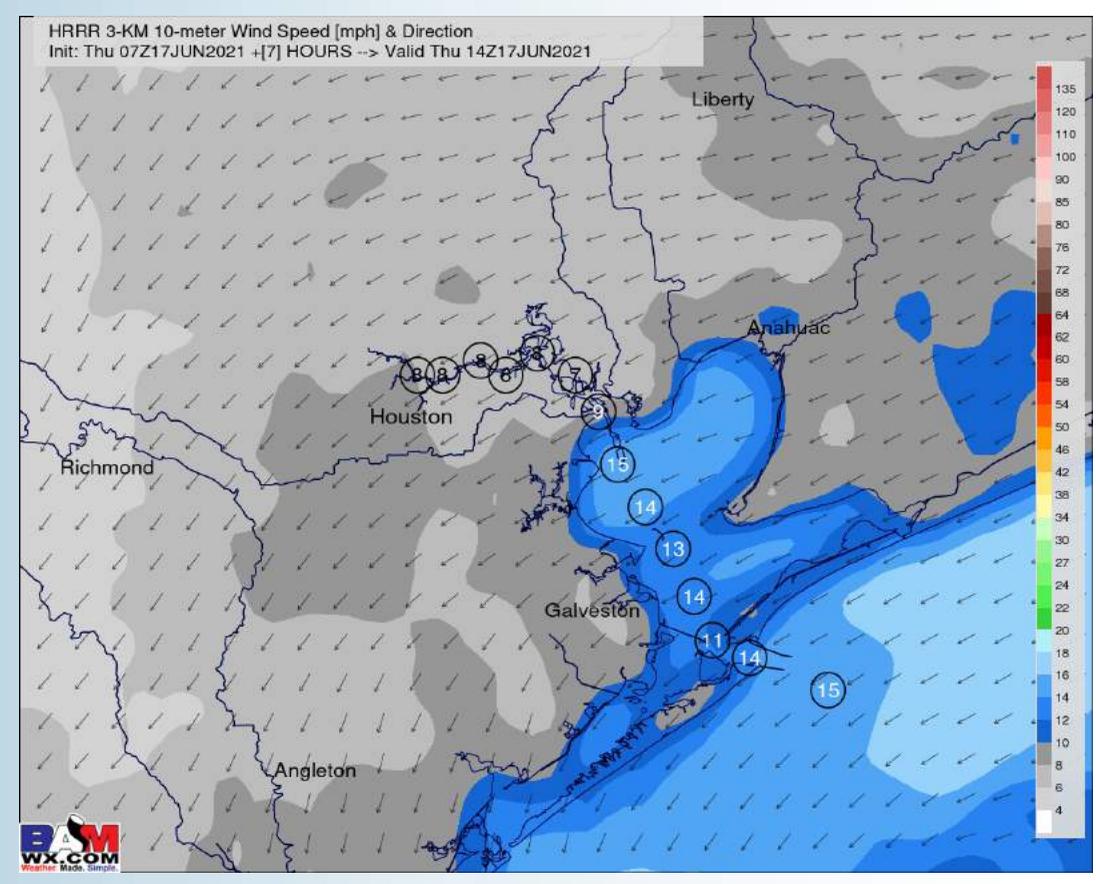
HOURLY VISIBILITY BREAKDOWN (in miles)

Time	06-17-2021 Thu 4am	06-17-2021 Thu 5am	06-17-2021 Thu 6am	06-17-2021 Thu 7am	06-17-2021 Thu 8am	06-17-2021 Thu 9am	06-17-2021 Thu 10am	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	
Houston Pilots N - 610 Bridge	7.120	7.043	6.991	6.505	9.742	10.00	10.00	10.00	8.295	8.324	10.00	10.00	10.00	4.995	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.662	9.164	8.777	8.670	10.00	10.00	10.00	10.00	10.00	10.00	4.838	3.498	
Houston Pilots M - Kinder 1	6.960	7.043	7.233	6.505	9.742	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.995	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.438	9.164	8.777	8.670	9.998	10.00	10.00	10.00	10.00	10.00	10.00	4.838	3.498	
Houston Pilots L - Greens Bayou	6.960	7.043	7.236	6.505	9.462	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.995	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.752	9.149	9.137	8.780	8.794	9.879	10.00	10.00	10.00	10.00	8.994	4.838	4.245	
Houston Pilots K - Shell Crude	6.833	7.043	5.704	6.505	8.798	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.995	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.752	9.054	9.051	8.801	8.979	9.859	10.00	10.00	10.00	10.00	2.080	6.818	10.00	
Houston Pilots J - Lynchburg Ferries	6.011	5.726	5.704	6.444	7.331	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.995	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.752	9.054	9.051	8.801	8.979	9.859	10.00	10.00	10.00	10.00	0.864	3.965	10.00	
Houston Pilots I - Exxon 3	5.685	5.726	5.704	6.220	7.165	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.995	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.752	9.054	9.051	7.848	8.979	9.859	10.00	10.00	10.00	10.00	0.864	10.00	10.00	
Houston Pilots H - Morgans Point	5.685	6.233	5.704	6.220	7.165	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.995	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.752	9.054	9.051	7.848	8.979	9.859	10.00	10.00	10.00	10.00	0.864	10.00	10.00	
Houston Pilots G - 75/76	7.540	6.233	5.704	6.497	8.190	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	9.857	9.054	9.051	8.944	8.369	9.859	10.00	10.00	10.00	10.00	0.864	9.840	6.875	
Houston Pilots F - 63/64	9.037	8.825	7.428	8.935	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	9.977	9.619	10.00	10.00	10.00	10.00	5.919	0.864	3.546	6.875	
Houston Pilots E - 51/52	8.975	8.825	9.032	9.159	10.00	10.00	10.00	10.00	10.00	10.00	8.905	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.968	10.00	10.00	10.00	9.785	10.00	10.00	10.00	10.00	10.00	2.006	7.486	1.387	6.875	
Houston Pilots D - 37/38	8.975	8.627	8.715	8.489	10.00	10.00	10.00	10.00	10.00	10.00	3.519	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.968	10.00	6.989	7.573	7.712	9.916	10.00	10.00	6.430	10.00	2.006	8.513	1.387	6.875	
Houston Pilots C - 25/26	8.975	8.901	8.987	9.159	10.00	10.00	10.00	10.00	10.00	10.00	3.519	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.968	10.00	6.989	7.573	7.712	6.030	10.00	6.672	3.580	6.960	2.006	3.870	1.387	10.00	
Houston Pilots B - 11/12	9.297	9.739	9.419	9.500	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	9.968	10.00	2.721	7.573	7.664	6.030	10.00	6.470	3.580	6.960	2.006	3.870	1.389	10.00	
Houston Pilots A - 1 & 2 Bravo	10.00	10.00	9.664	9.547	9.776	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	9.970	10.00	10.00	2.721	7.573	7.664	4.208	10.00	5.737	2.698	3.411	1.581	3.870	6.408	10.00

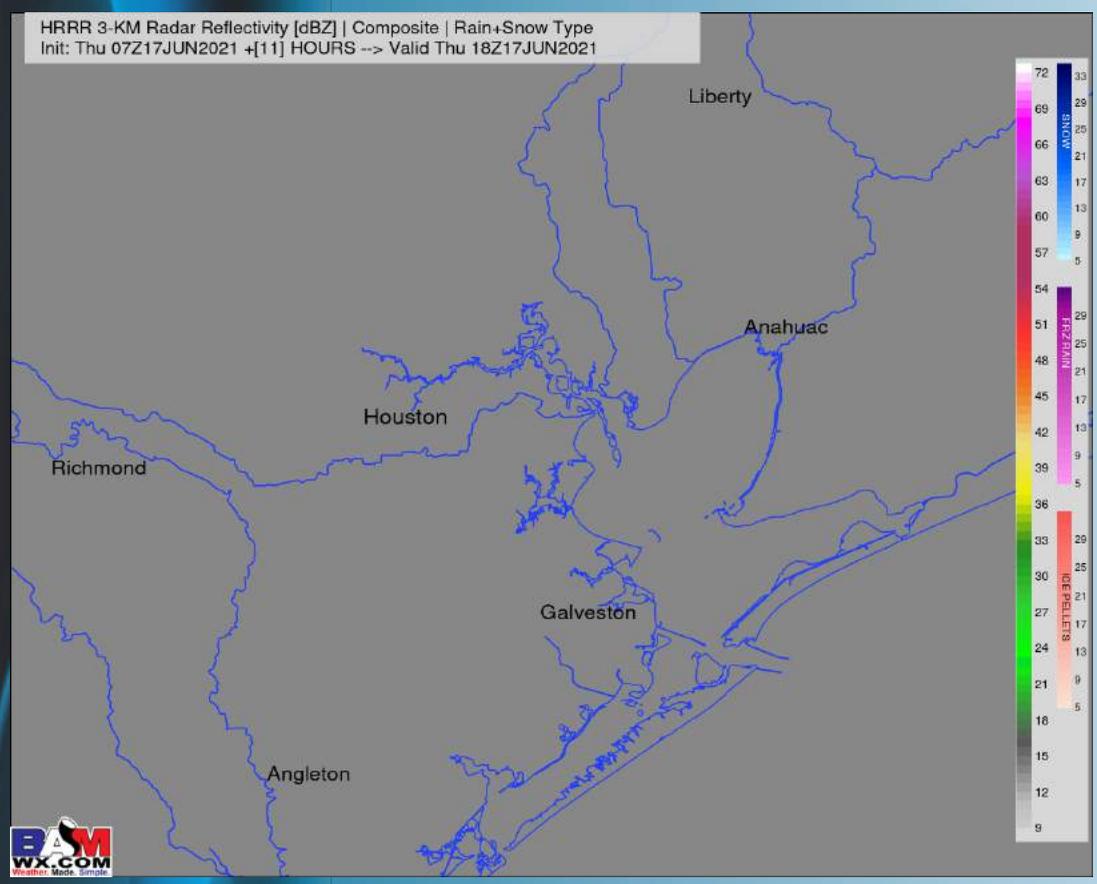
Short-Term Forecast Discussion

- Still favoring overall a drier forecast across the area. A very isolated chance (~10% for shower/ t-storm) will be possible late into the PM hours.
- Winds start out calmer and coming out of the NE, but then look to turn more Easterly by noon and then mainly out of the SE by ~3 PM. Winds at 8-13 MPH sustained in the afternoon, at times gusting up to 15 MPH.
- Temperatures look to get into the upper 80's/ lower 90s open waters, once again warmer inland.
- *No fog anticipated today.*

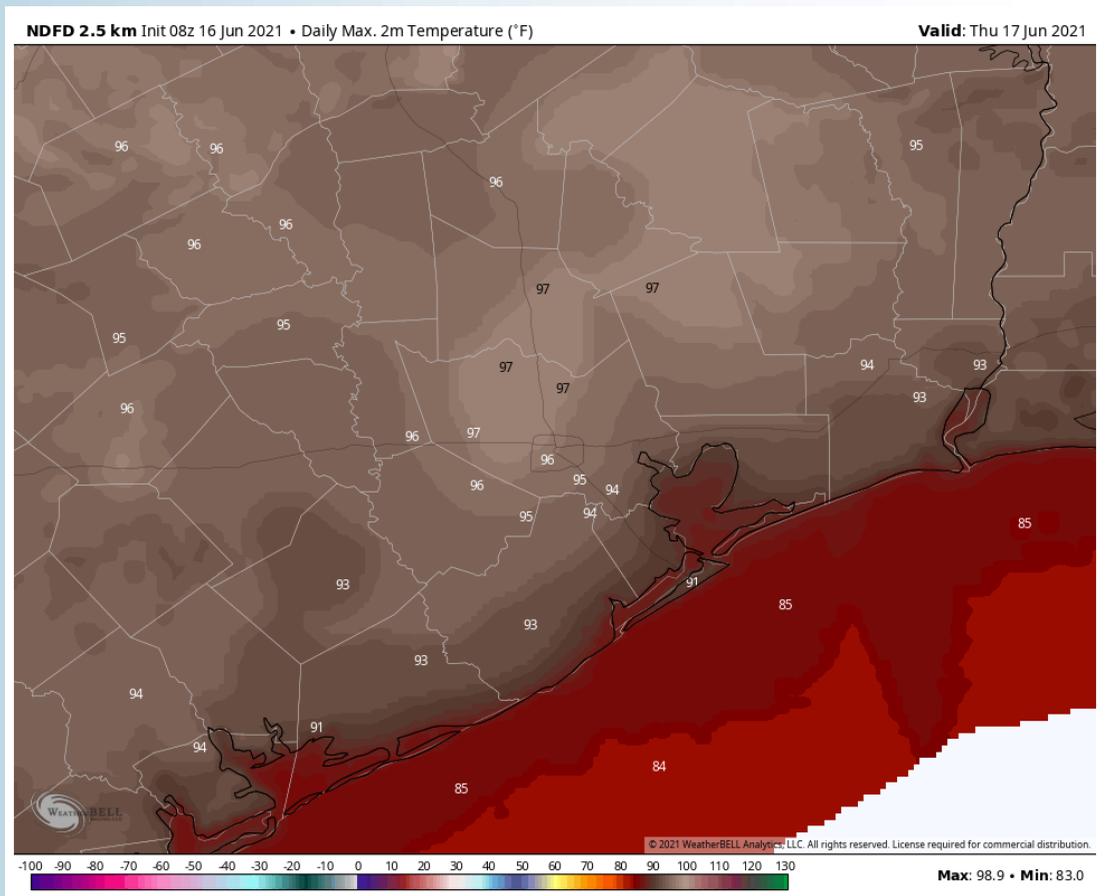
Sustained Winds (9 AM CT)



Simulated Radar Snapshot (2 PM CT)



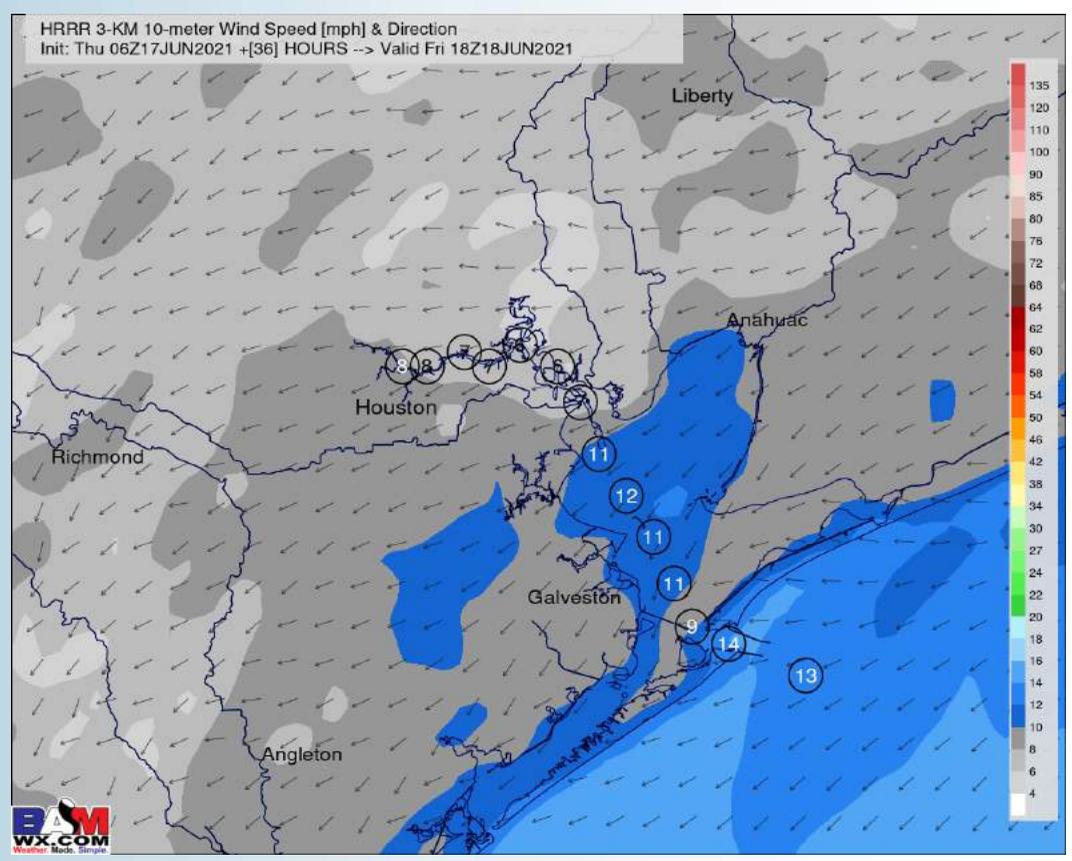
High Temperatures Today



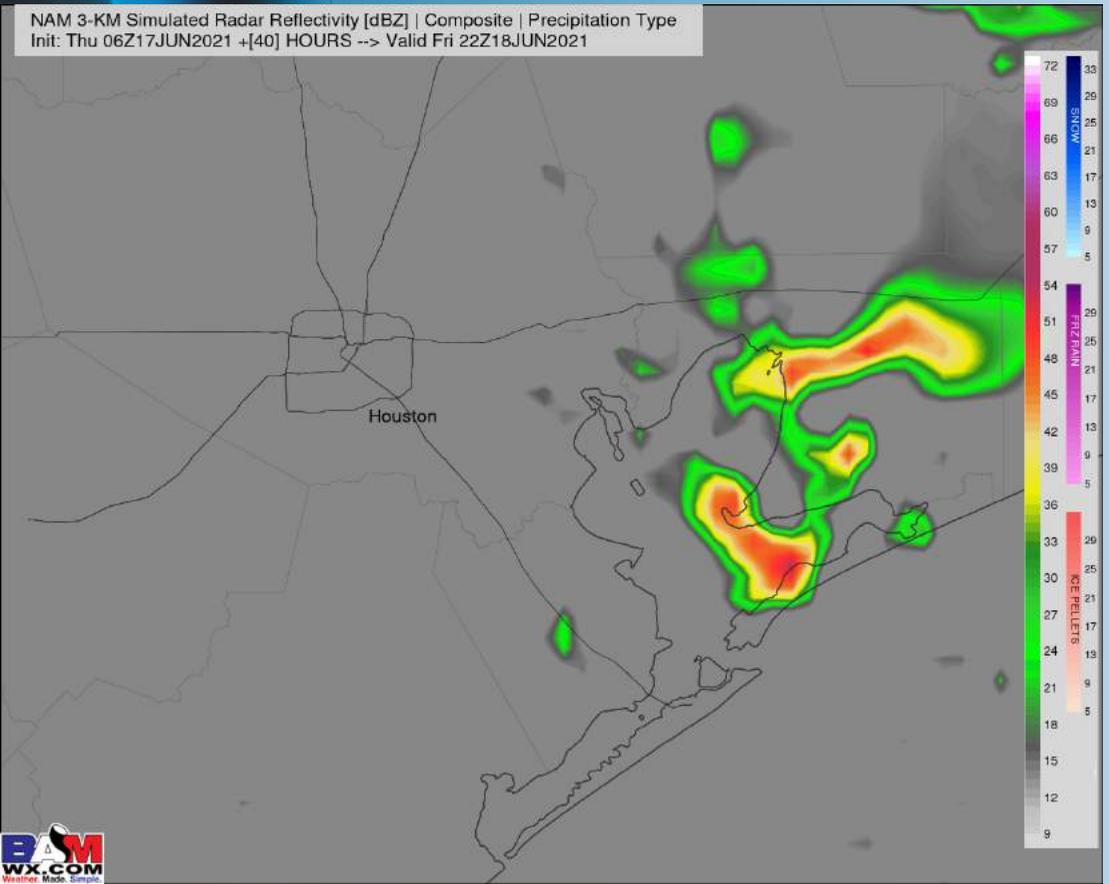
Short-Term Forecast Discussion

- Guidance has trended the tropical wave even further east into LA/MS/AL to where now the Houston area likely 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.
- Given the Eastern trends, winds have weakened a good bit for Friday – currently favoring sustained winds of 10-15 MPH with a few isolated gusts up to 20 MPH. Main wind direction the first half of the day will be coming from the NE, turning more Easterly 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.*

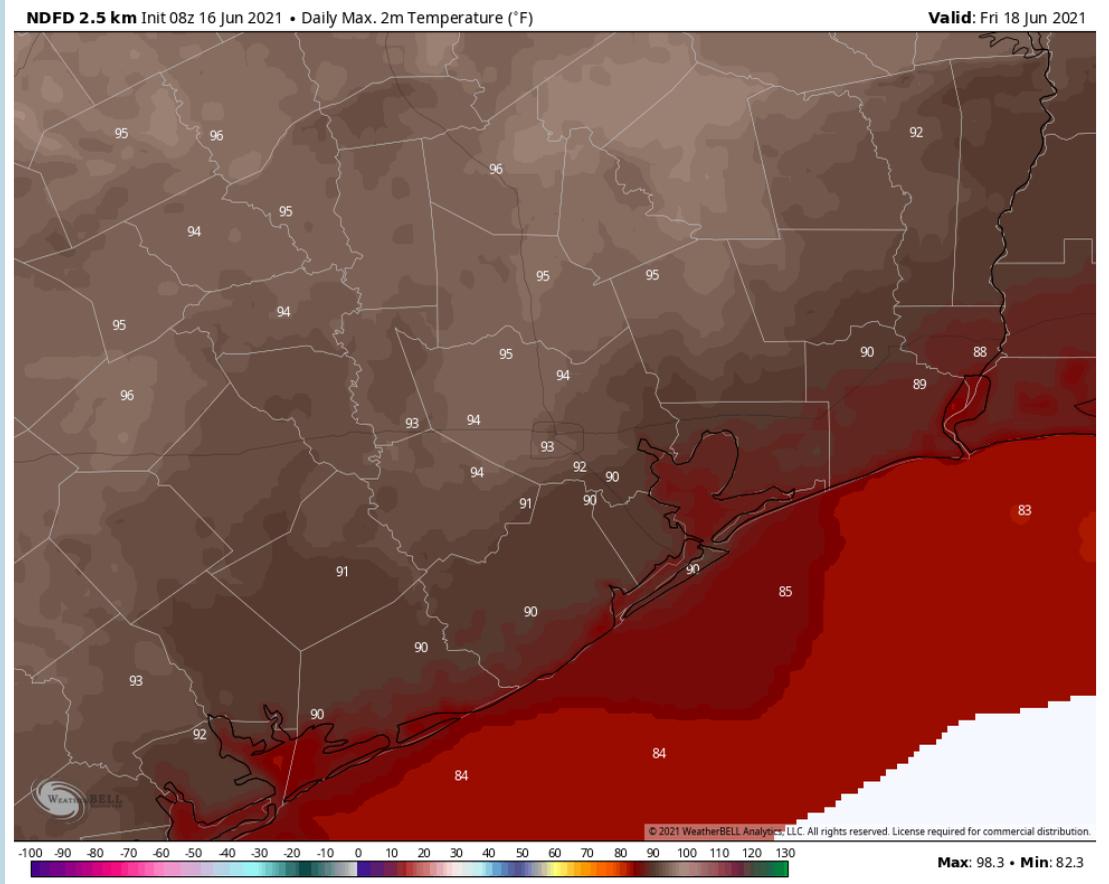
Sustained Winds (1 PM CT)



Simulated Radar Snapshot (4 PM CT)



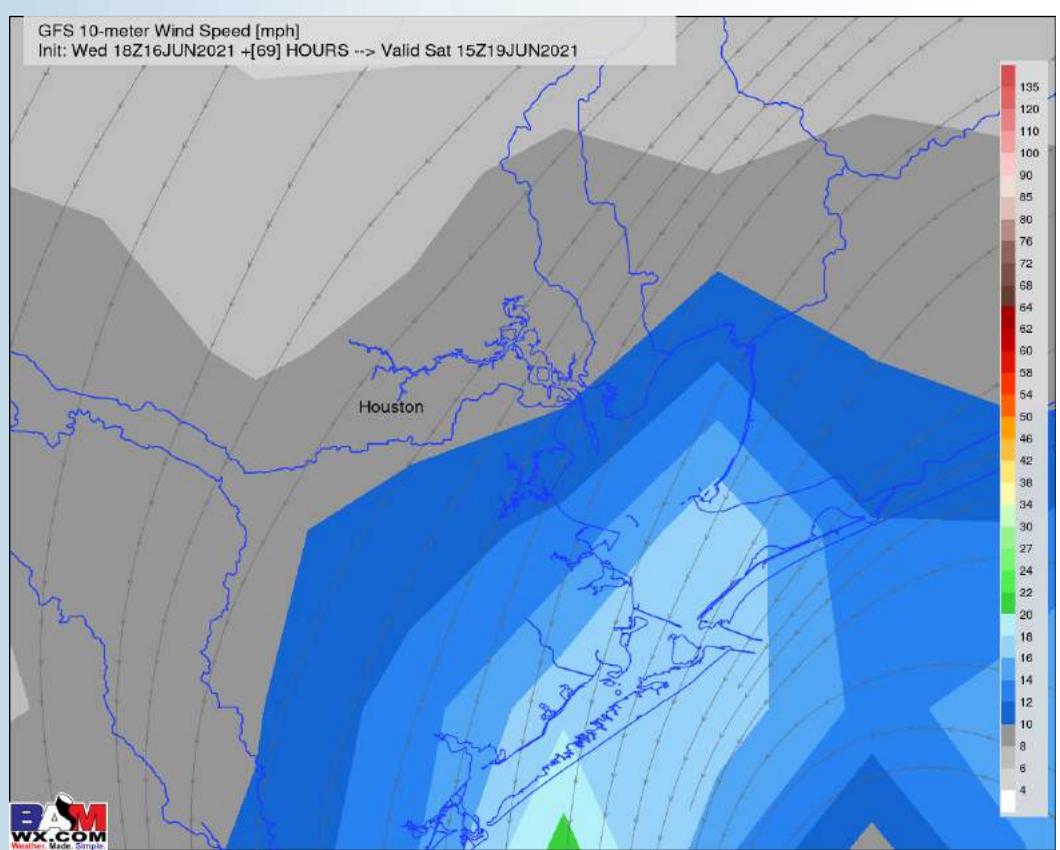
High Temperatures Friday



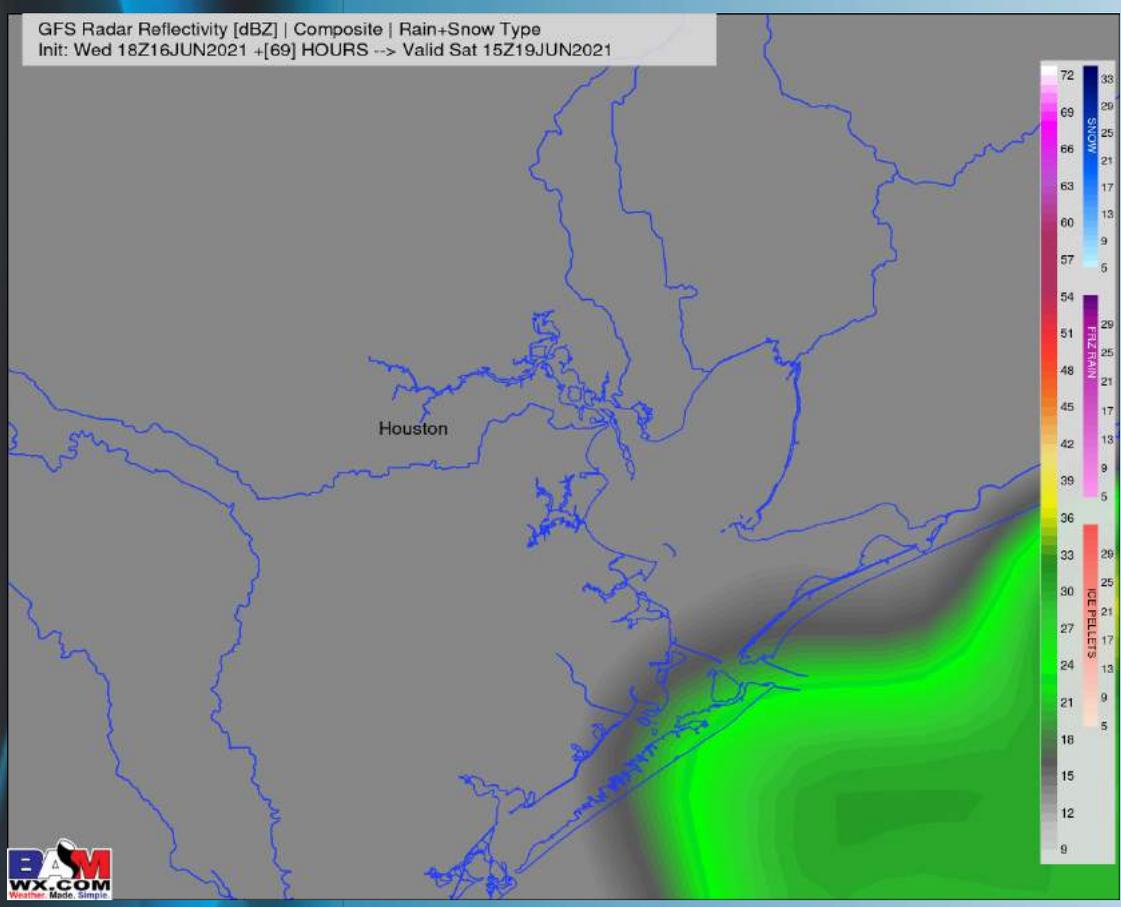
Short-Term Forecast Discussion

- 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.
- Winds will continue coming out of the NE for Saturday, the best opportunity for locally stronger winds coming early Sat AM. Winds in the AM look to be 10-15 MPH with a few gusts up to 15-25 MPH possible. Winds then look to weaken as the day progresses.
- 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.*

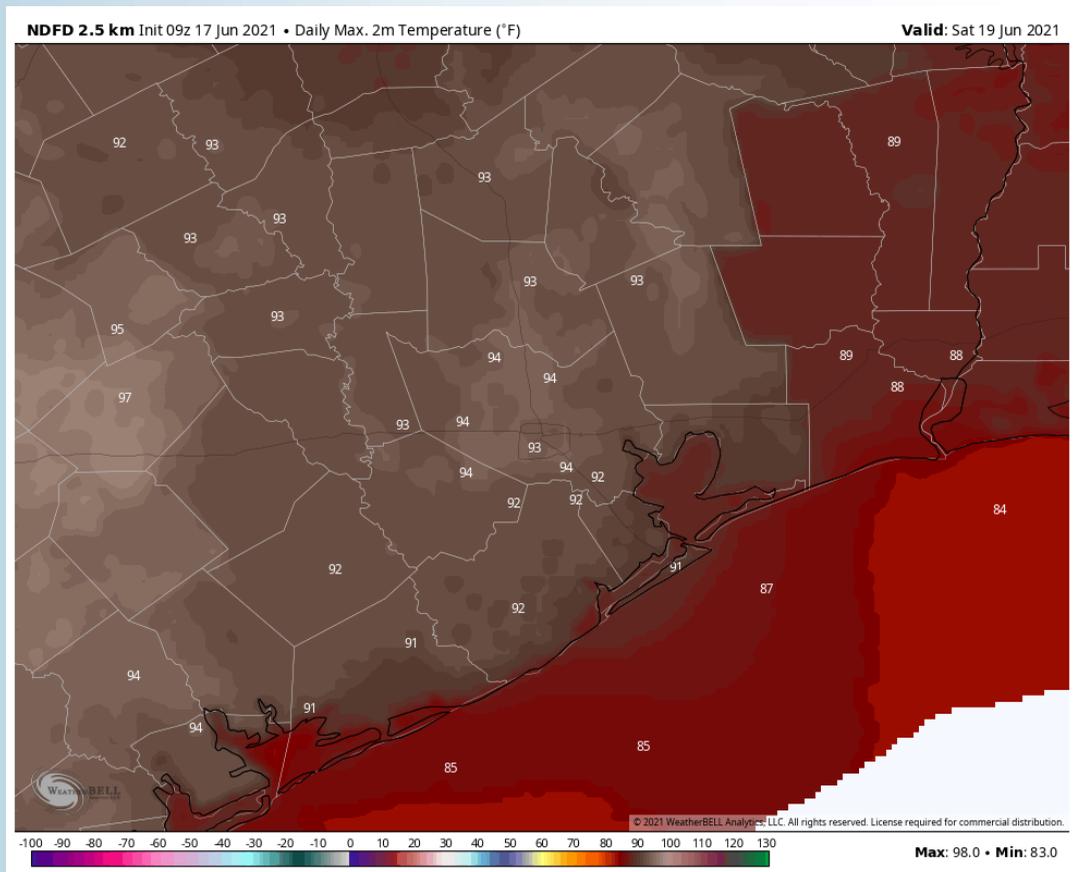
Sustained Winds (8 AM CT)



Simulated Radar Snapshot (10 AM CT)



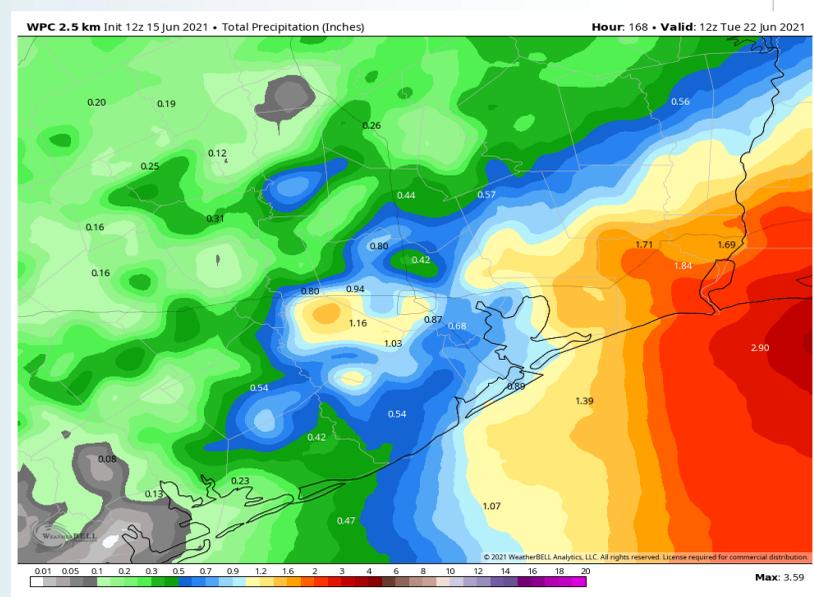
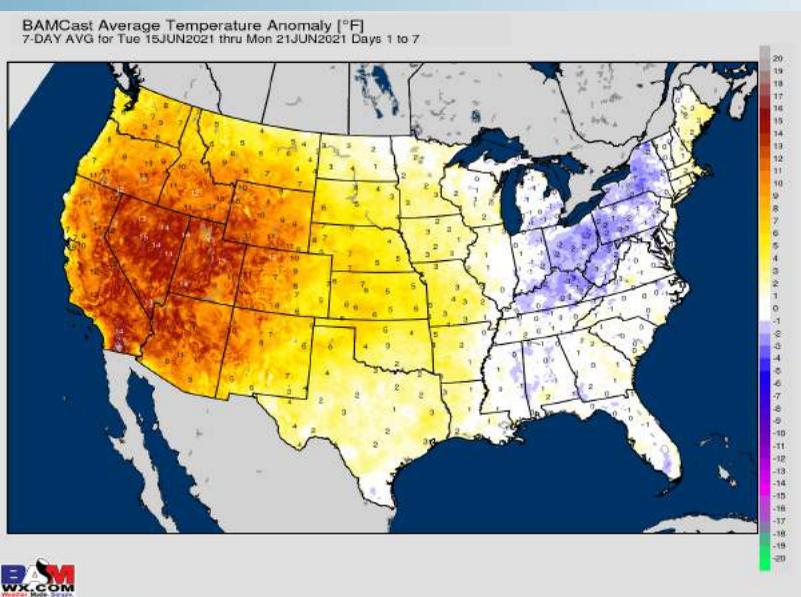
High Temps Saturday



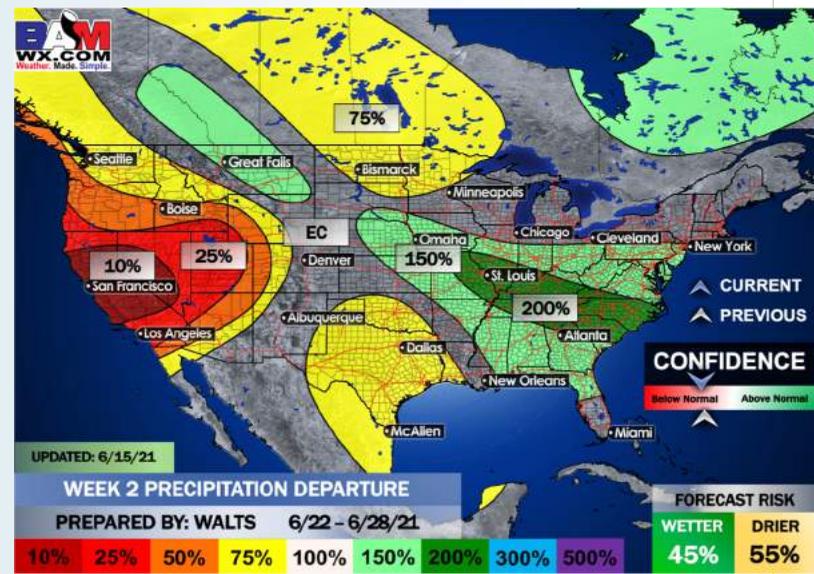
Long-Range Forecast Discussion

- 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

