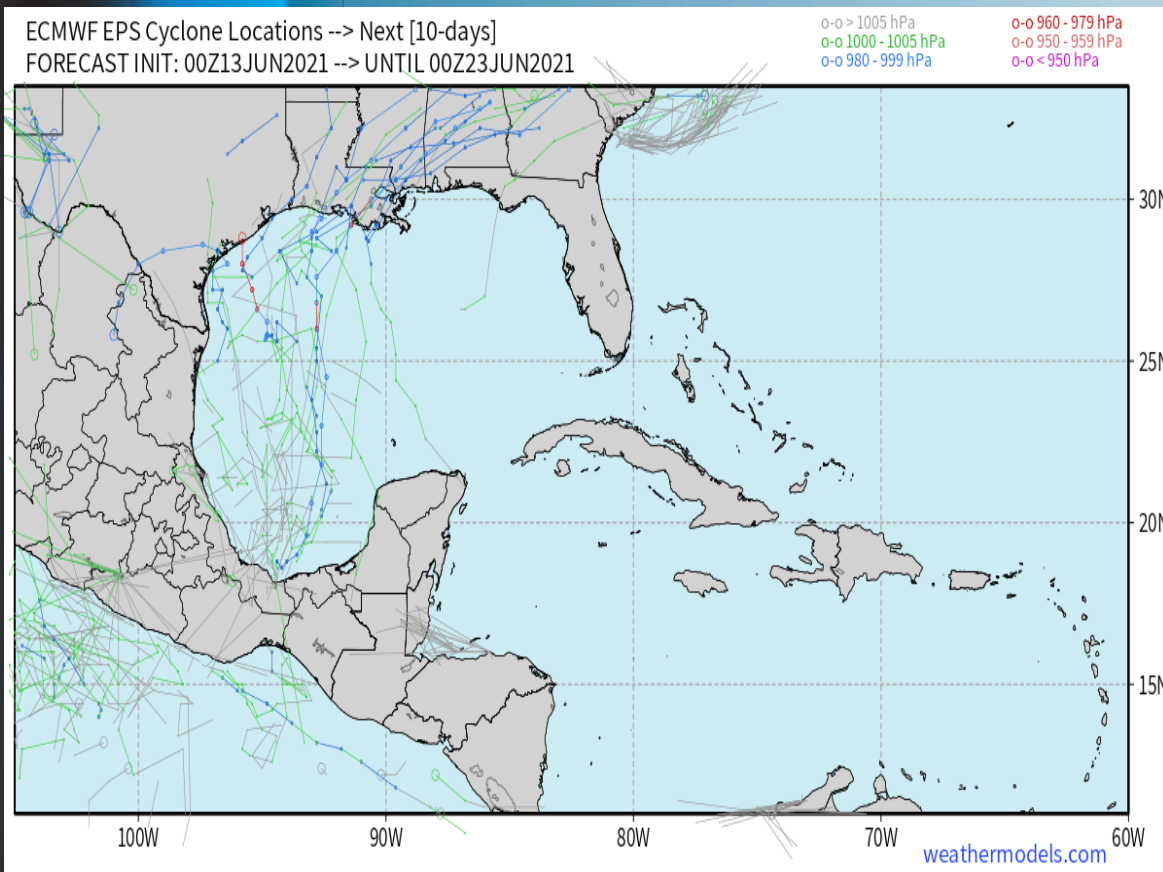


**Updated: 12:00 PM CT, Sunday, June 13, 2021**

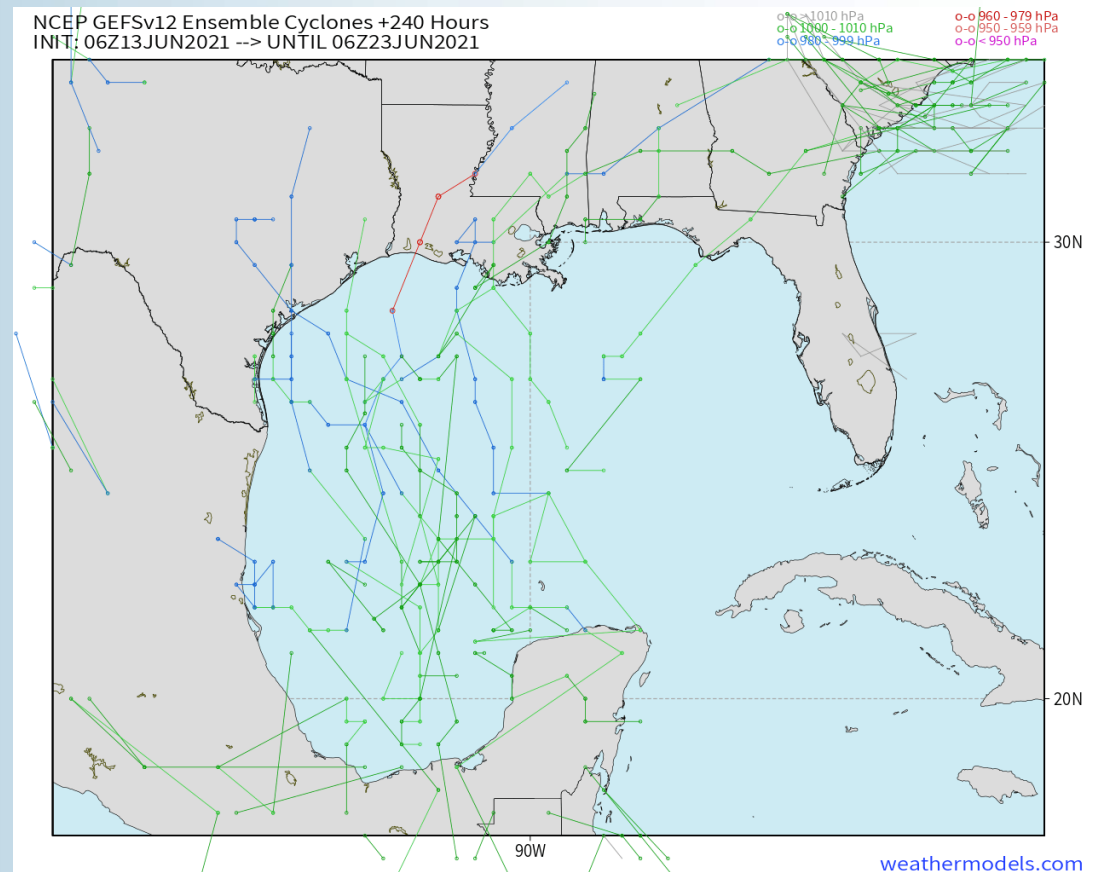
- **As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on call number, **(317)-560-8122** press 1 for forecast questions.**

# Tropical Update:

## Euro Ensemble Tracks (Next 10-days):



## GEFS Tracks (Next 10-days):



**We continue to keep an eye around the 19<sup>th</sup> – 21<sup>st</sup> for a tropical system which can impact areas along the Gulf Coast. Shown above are the European and American (GEFS) ensembles of low pressure tracks with this upcoming system. The majority of model data continues to suggest a landfall east of HOU. However, enough members in the ensembles are further to the west, so the risk for HOU is still in the realm of possibility. Ensemble members do not really suggest a Hurricane potential as well, more of a tropical storm. We are still several days out, with shifts one way or the other still possible. We will continue to monitor the situation.**





# Visibility Report

## Sunday, June 13, 2021

# HOURLY VISIBILITY BREAKDOWN (in miles)

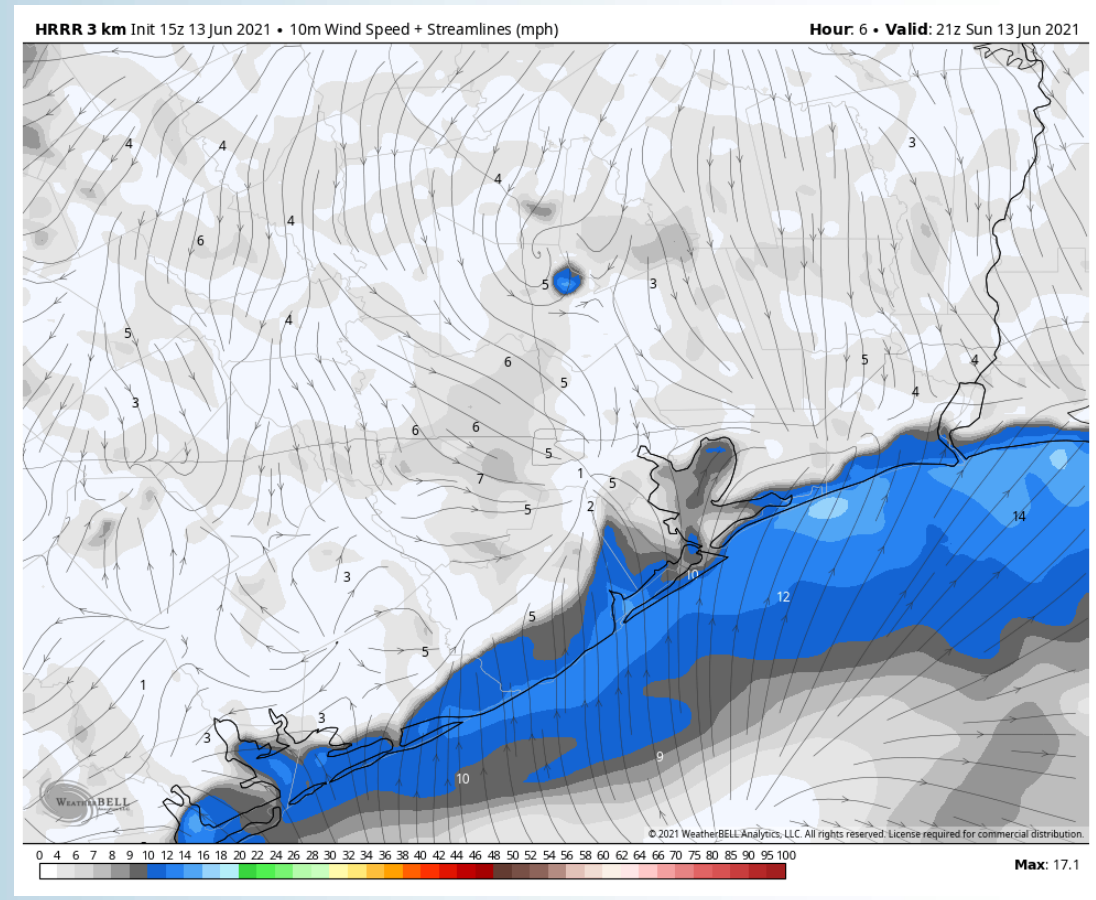
Time	06-13-2021 Sun 11am	06-13-2021 Sun 12pm	06-13-2021 Sun 1pm	06-13-2021 Sun 2pm	06-13-2021 Sun 3pm	06-13-2021 Sun 4pm	06-13-2021 Sun 5pm	06-13-2021 Sun 6pm	06-13-2021 Sun 7pm	06-13-2021 Sun 8pm	06-13-2021 Sun 9pm	06-13-2021 Sun 10pm	06-13-2021 Sun 11pm	06-14-2021 Mon 12am	06-14-2021 Mon 1am	06-14-2021 Mon 2am	06-14-2021 Mon 3am	06-14-2021 Mon 4am	06-14-2021 Mon 5am	06-14-2021 Mon 6am	06-14-2021 Mon 7am	06-14-2021 Mon 8am	06-14-2021 Mon 9am	06-14-2021 Mon 10am	06-14-2021 Mon 11am	06-14-2021 Mon 12pm	06-14-2021 Mon 1pm	06-14-2021 Mon 2pm	06-14-2021 Mon 3pm	06-14-2021 Mon 4pm	06-14-2021 Mon 5pm	06-14-2021 Mon 6pm	06-14-2021 Mon 7pm	06-14-2021 Mon 8pm	06-14-2021 Mon 9pm	06-14-2021 Mon 10pm
Houston Pilots N - 610 Bridge	10.00	7.985	7.335	1.480	1.781	4.062	2.944	5.562	0.813	10.00	9.539	9.255	9.446	9.233	9.461	6.578	6.127	7.709	7.161	7.084	6.934	8.506	10.00	10.00	10.00	6.320	4.261	4.345	0.705	3.371	5.216	1.668	7.486	7.754	10.00	8.146
Houston Pilots M - Kinder 1	10.00	7.985	7.335	1.480	1.781	4.062	2.944	5.562	0.813	10.00	9.539	9.255	9.446	9.233	9.449	6.578	6.127	7.709	7.161	7.084	6.934	8.506	10.00	10.00	10.00	6.320	4.261	4.345	0.705	3.371	10.00	1.668	8.035	7.754	10.00	8.395
Houston Pilots L - Greens Bayou	10.00	7.985	7.335	5.468	1.556	3.592	2.944	5.562	0.813	10.00	9.539	9.255	9.512	9.236	9.449	6.880	7.689	7.793	6.700	7.084	6.985	8.506	10.00	10.00	10.00	8.681	8.379	6.469	0.705	3.371	10.00	1.668	9.211	10.00	9.693	8.395
Houston Pilots K - Shell Crude	10.00	7.985	8.521	5.468	0.855	3.592	3.422	5.562	1.951	10.00	9.539	9.255	9.512	9.744	9.088	6.958	7.689	6.840	6.700	7.043	7.045	8.506	10.00	10.00	10.00	8.681	8.379	2.241	0.705	3.371	10.00	1.668	9.211	10.00	9.406	8.618
Houston Pilots J - Lynchburg Ferries	10.00	7.985	10.00	5.468	0.855	3.592	3.422	5.562	8.735	10.00	9.539	9.544	9.768	9.599	7.592	6.958	8.178	7.798	6.700	7.043	7.045	9.680	10.00	10.00	10.00	9.425	8.379	2.241	0.834	3.371	4.892	1.668	9.211	10.00	8.450	8.684
Houston Pilots I - Exxon 3	10.00	10.00	10.00	5.468	0.855	3.592	2.272	5.999	8.166	8.962	9.614	9.544	9.954	9.542	7.153	6.958	8.178	7.636	6.700	7.043	8.305	9.649	10.00	10.00	10.00	9.653	8.379	2.241	1.013	7.109	4.032	7.550	9.211	10.00	7.747	8.684
Houston Pilots H - Morgans Point	10.00	10.00	8.521	5.468	0.855	3.592	2.272	5.999	7.914	6.414	9.614	9.544	9.954	9.542	7.153	7.807	8.713	6.840	6.700	7.043	8.323	9.649	10.00	10.00	10.00	9.653	9.840	2.241	1.523	9.029	4.032	7.604	9.211	9.940	7.747	8.684
Houston Pilots G - 75/76	10.00	10.00	10.00	8.503	0.855	2.619	3.422	9.012	8.166	7.760	10.00	10.00	9.523	9.104	7.153	8.509	8.462	7.636	6.700	7.147	8.323	9.672	10.00	10.00	10.00	10.00	7.306	2.241	5.330	10.00	10.00	5.499	8.993	8.666	7.747	8.717
Houston Pilots F - 63/64	10.00	10.00	10.00	10.00	4.662	2.226	4.974	10.00	9.936	9.369	10.00	10.00	9.515	8.999	7.334	8.485	8.326	8.152	7.795	6.493	8.323	9.574	10.00	10.00	10.00	10.00	7.306	4.022	10.00	10.00	10.00	3.870	8.993	8.378	7.747	9.877
Houston Pilots E - 51/52	10.00	10.00	10.00	8.948	4.662	1.579	4.974	10.00	10.00	10.00	10.00	10.00	9.515	8.999	7.334	8.485	8.326	8.152	7.795	6.493	8.232	9.574	10.00	10.00	10.00	10.00	10.00	4.022	10.00	6.747	10.00	3.870	8.993	8.378	7.760	9.877
Houston Pilots D - 37/38	10.00	10.00	10.00	4.420	4.662	1.579	5.945	8.801	9.057	10.00	10.00	10.00	9.515	8.999	7.624	8.485	8.326	8.152	8.110	6.493	8.232	9.574	10.00	10.00	10.00	10.00	10.00	9.841	10.00	6.747	10.00	4.443	8.993	8.378	7.760	9.877
Houston Pilots C - 25/26	10.00	10.00	10.00	8.948	4.662	2.182	9.358	9.705	8.540	10.00	10.00	10.00	9.988	9.350	7.742	8.522	8.455	8.332	8.261	6.493	8.232	9.629	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.448	9.919	4.443	10.00	9.024	8.267	9.973
Houston Pilots B - 11/12	10.00	10.00	10.00	10.00	10.00	2.182	8.867	9.705	8.540	10.00	10.00	10.00	9.988	9.672	7.646	8.152	8.910	8.869	8.695	8.555	8.637	9.780	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.448	9.919	4.443	10.00	9.024	8.586	10.00
Houston Pilots A - 1 & 2 Bravo	10.00	10.00	10.00	10.00	10.00	7.987	8.343	9.844	10.00	10.00	10.00	10.00	10.00	10.00	7.639	8.027	9.470	9.391	8.738	7.980	9.499	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.816	7.503	10.00	10.00	9.116	10.00	



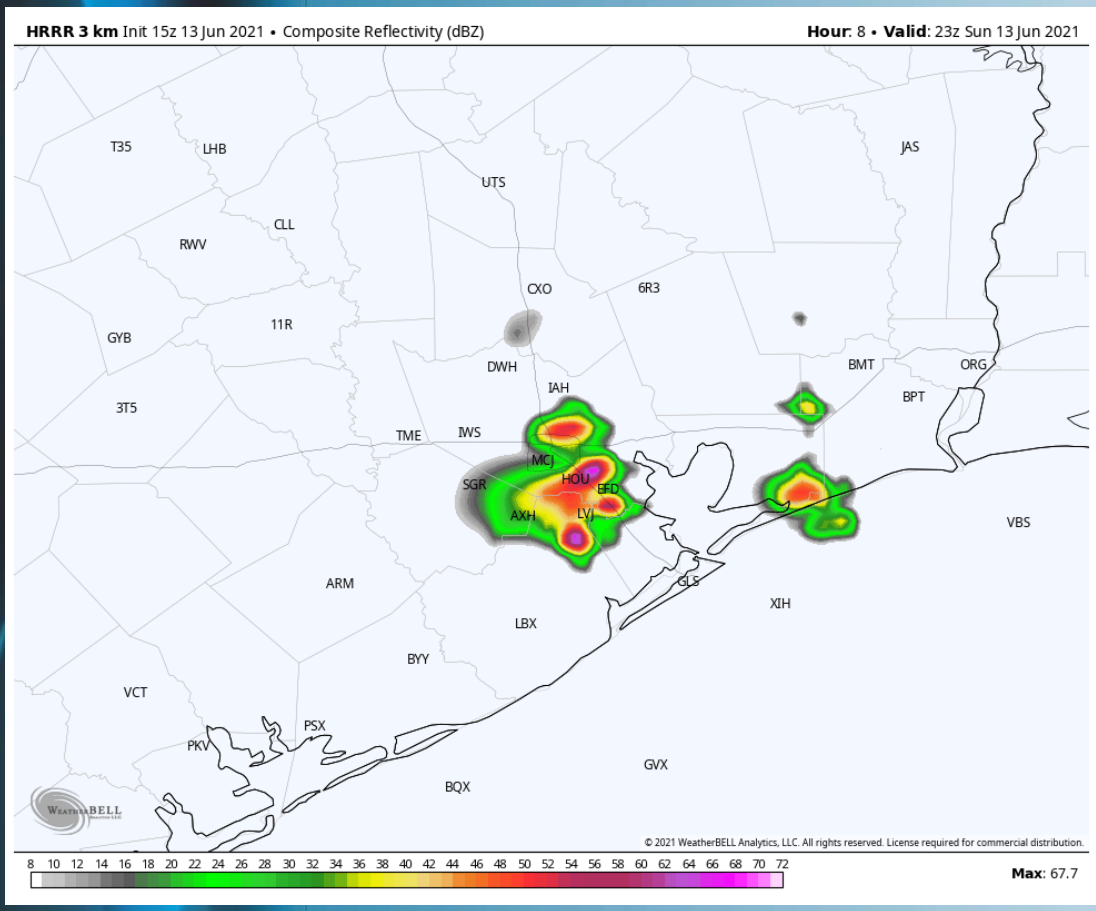
## Short-Term Forecast Discussion

- Isolated-to-scatters showers/ storms will be possible from about 4 PM – 9 PM today. Locally heavy downpours and gusty winds cant be ruled out under storms this afternoon.
- Winds should shift out of the South by 2PM – 4PM and will gradually shift more out of the SW thereafter. Winds likely pick up a bit after the shift to the south, staying in the 5 – 15 mph range. Gusty winds cant be ruled out under, nearby storms this afternoon.
- Temperatures stay in the upper 70's F to lower 80's F over open waters through tomorrow morning..
  - **No Fog anticipated Sunday.**

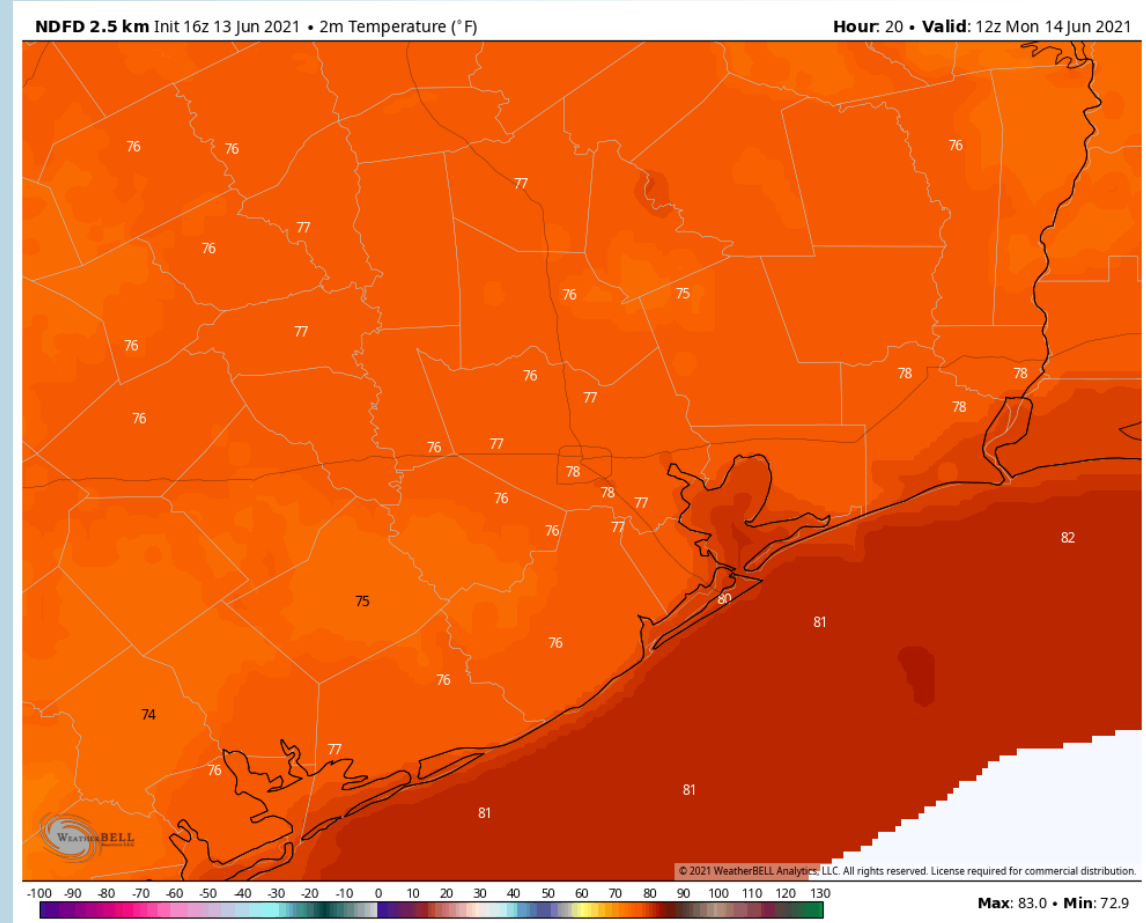
## Sustained Winds (4 PM CT)



## Simulated Radar Snapshot (6 PM CT)



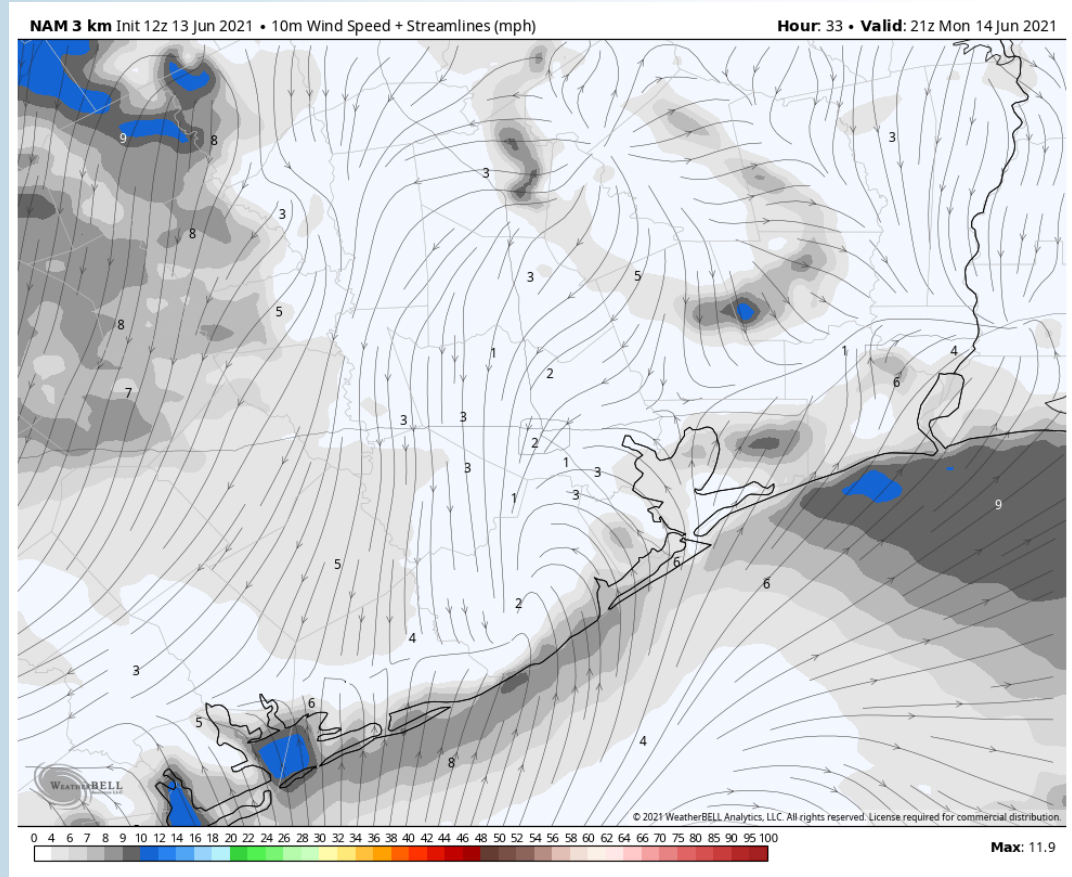
## Temperatures into Mon Morning



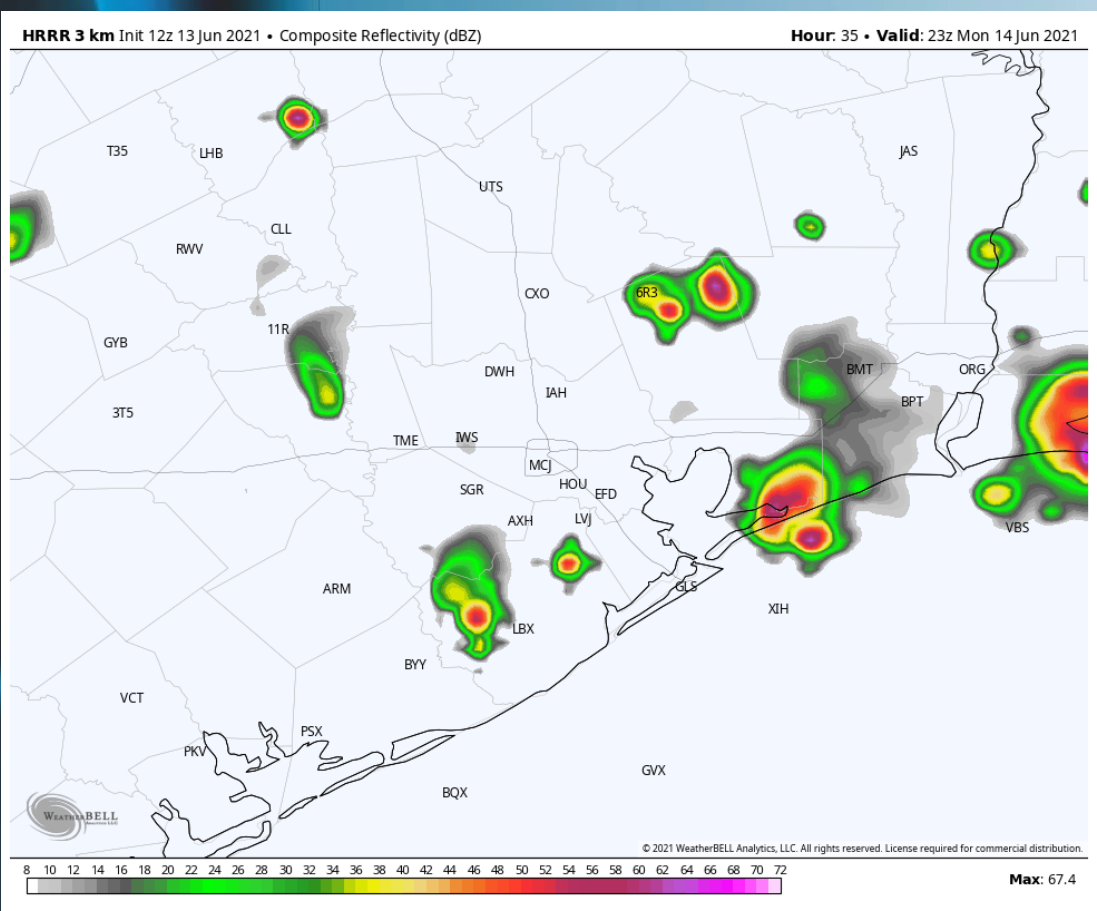
## Short-Term Forecast Discussion

- **An isolated shower cannot be ruled out in the AM. Scattered storms will be possible in the afternoon hours of Monday. Any activity likely wanes with the loss of daylight. Heavy downpours and gusty conditions will be possible under any storms that can form.**
  
- **Winds shift more from the west into Monday morning then from the north into the early afternoon. A sea-breeze boundary around 2 – 3 PM will allow for the winds to shift back from the south. Winds are expected to be rather light, around 4 – 8 MPH. Gust around ~ 10 MPH will be possible.**
  
- **High temps look to get into the upper 80's F to lower 90's F over open waters.**
  
- ***Not expecting fog Monday.***

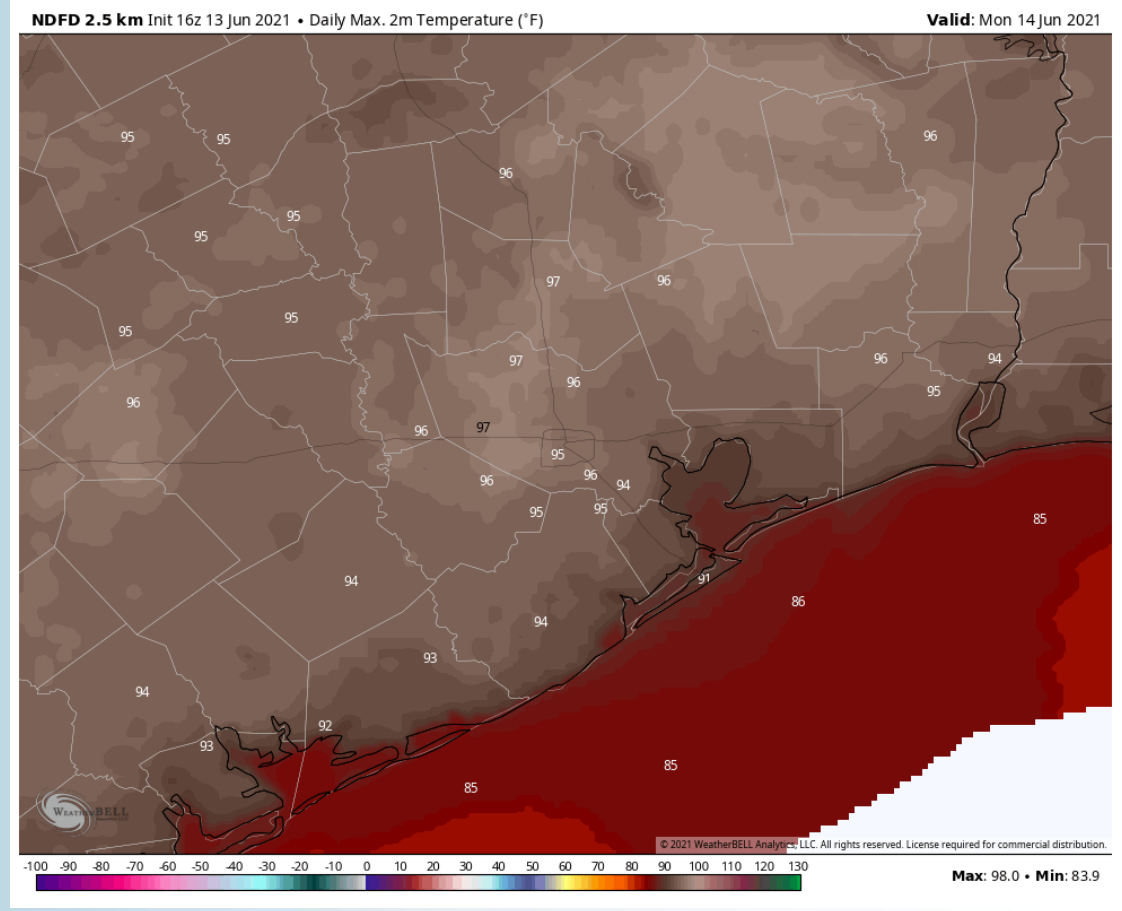
## Sustained Winds (4 PM CT)



## Simulated Radar Snapshot (5 PM CT)



## High Temps Monday

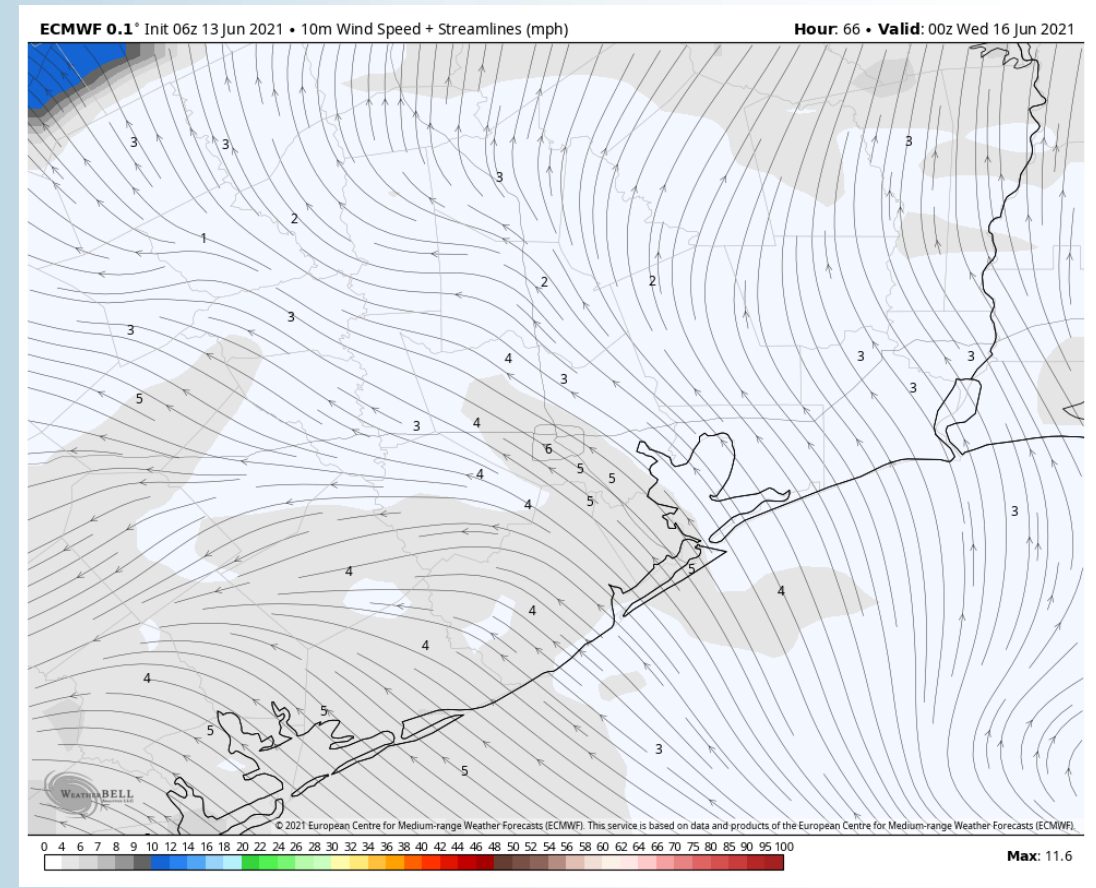




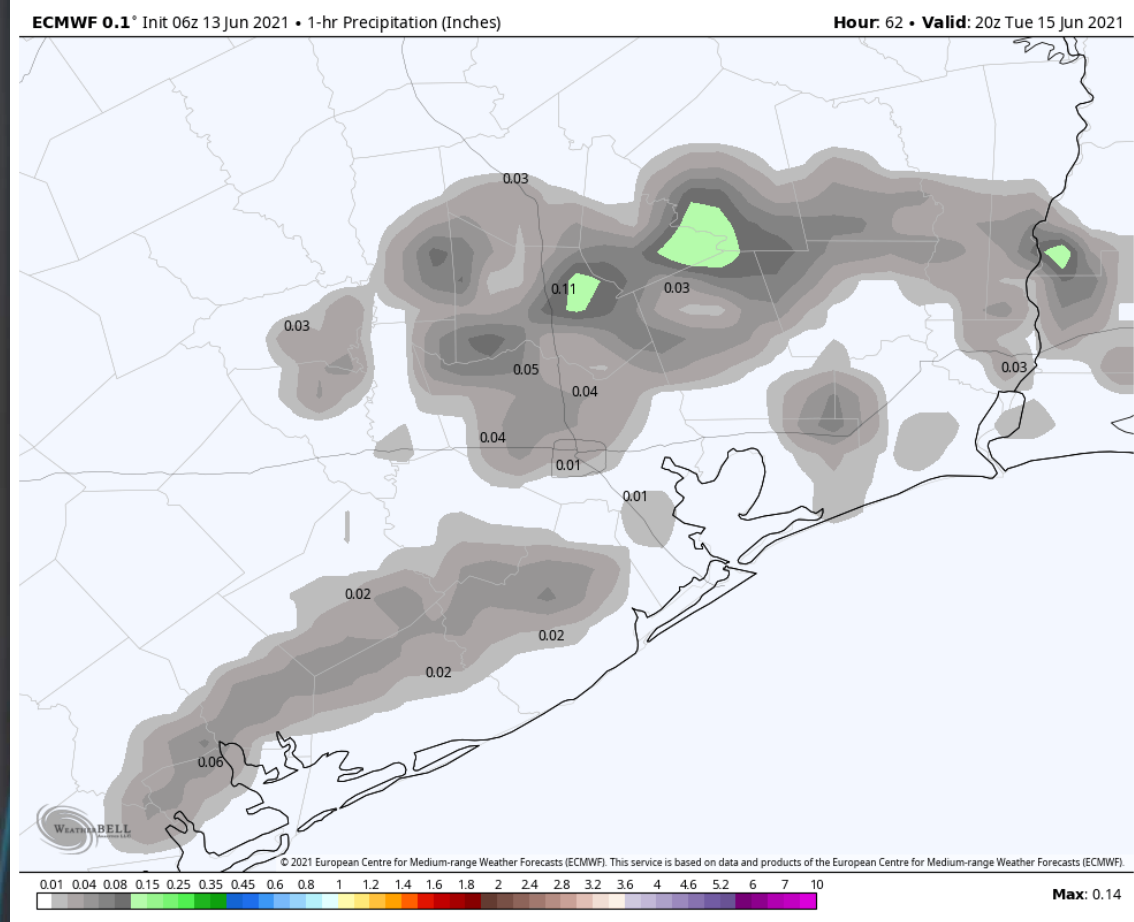
## Short-Term Forecast Discussion

- Tuesday looks to have a similar weather pattern as Monday. Isolated chances of a shower in the AM give way to isolated-to-scattered chances in the afternoon hours with any activity likely waning down with the loss of daylight.
- Westerly / SW winds in the AM of Tuesday look to eventually give way to SE winds into the afternoon. Winds look to rather minimal once again on TUE, around 4 – 8 MPH. Some breezier conditions likely under any storms that can form.
- Temperatures on TUE look to get into the upper 80's F to lower 90's F over open waters.
  - *No fog anticipated Tuesday.*

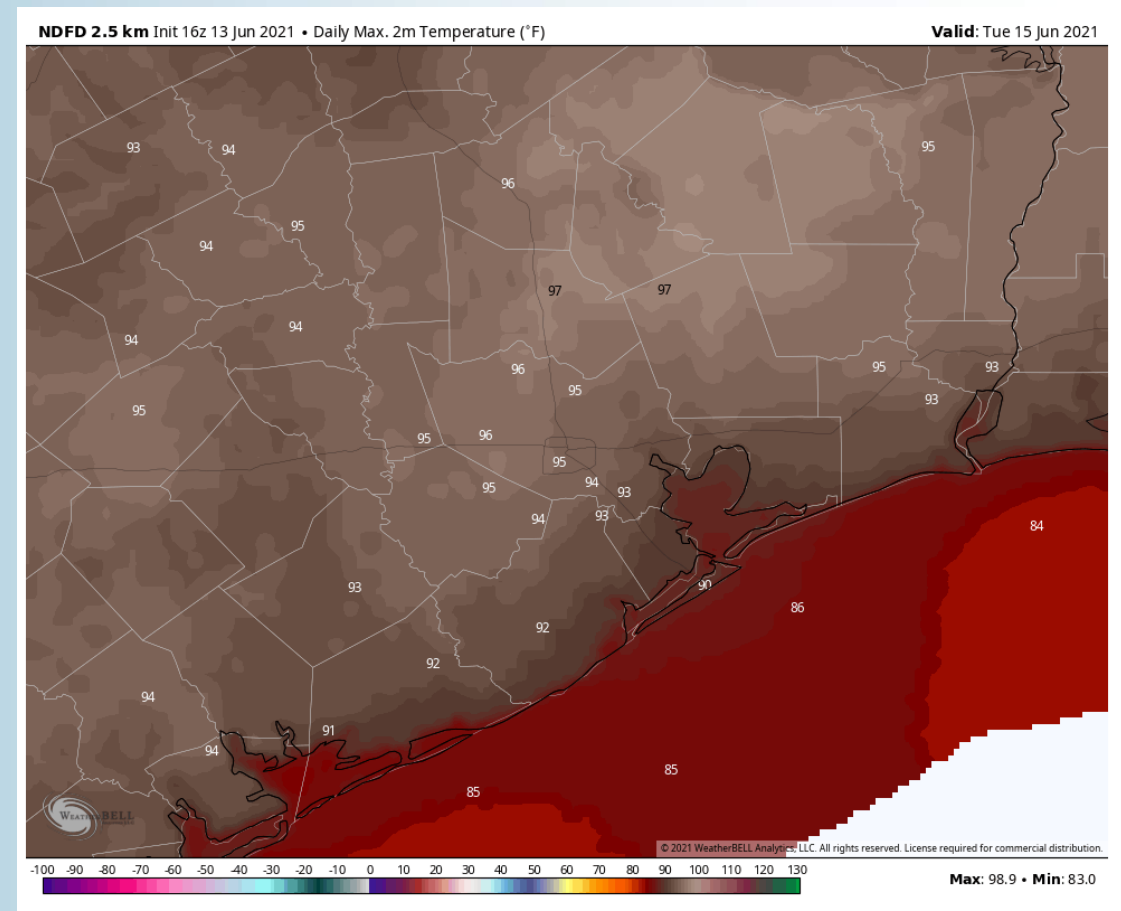
## Sustained Winds (7 PM CT)



## Simulated Radar Snapshot (3 PM CT)



## High Temperatures TUE

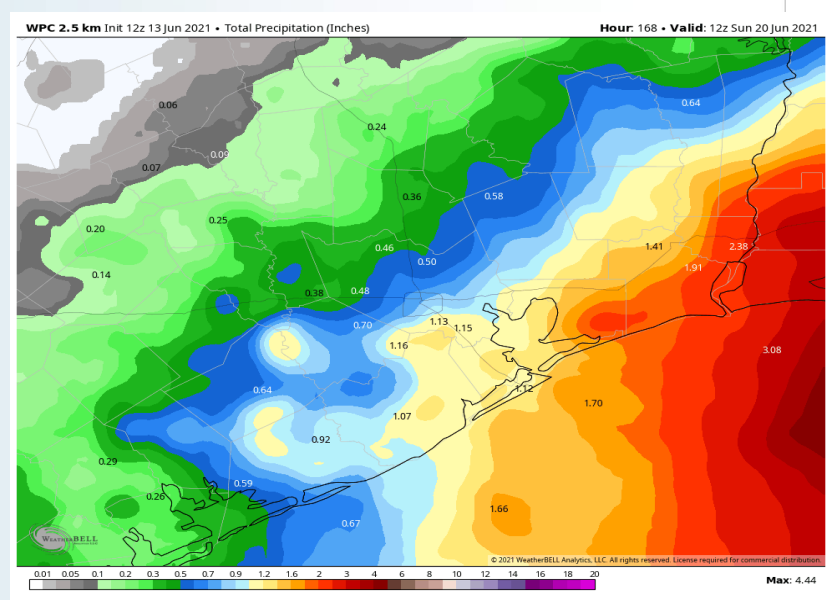
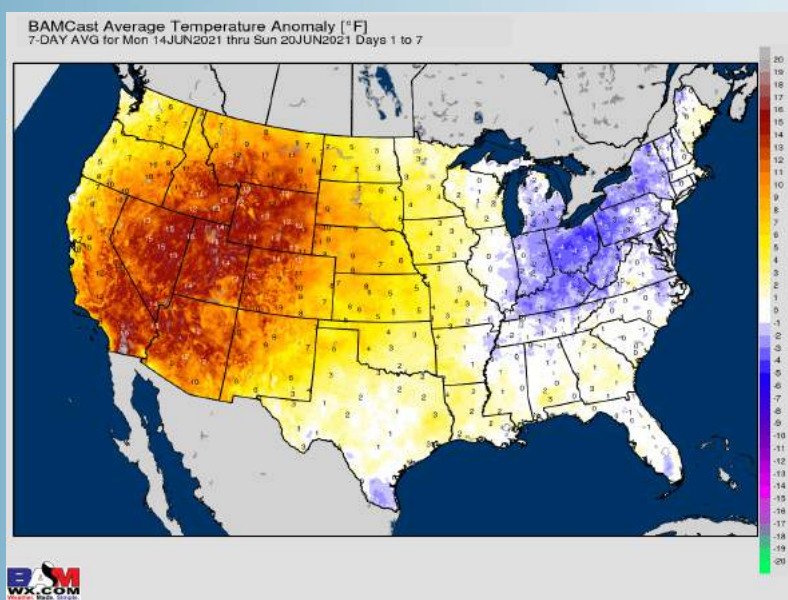




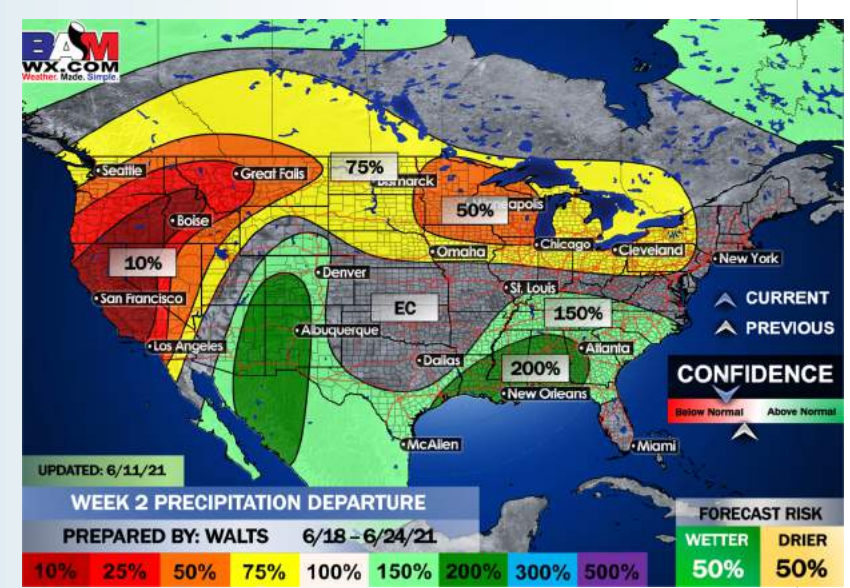
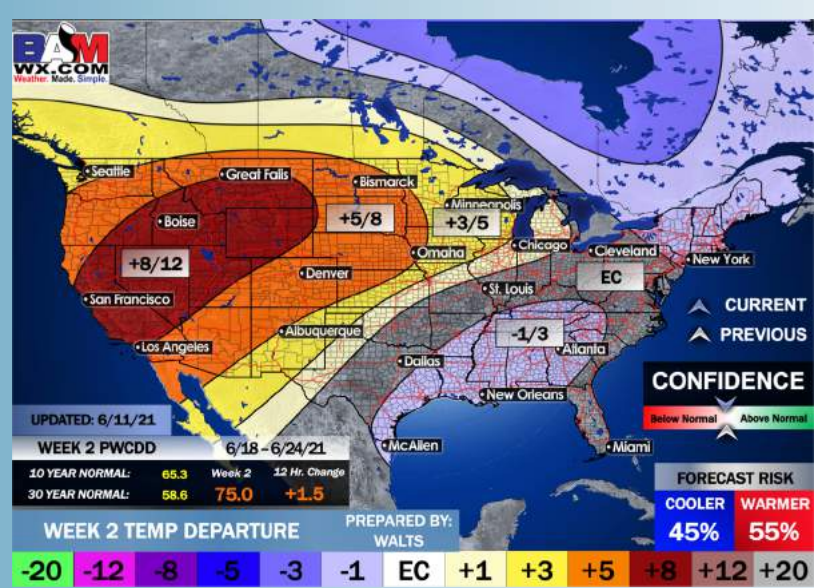
## Long-Range Forecast Discussion

- Temperatures look to run at/ slightly above normal the next 7 days. Scattered chances will be possible for much of the week ahead with increasing chances heading into the weekend as a tropical disturbance gets closer.
  
- Week 2 is anticipated to be an active stretch of weather for HOU with temperatures running slightly below normal. The beginning of the period may see influence of added tropical moisture from the aforementioned system.
  
- The weeks ¾ (mid to late June) period likely features more cooler than normal temperatures and above normal moisture, similar to our current week 2 thoughts. Tropical threats will need to continue to be monitored.

## Week 1 Forecast



## Week 2 Forecast



## Weeks 3/4 Forecast

