

**Updated: 5:00 AM CT, Tuesday, June 1, 2021**

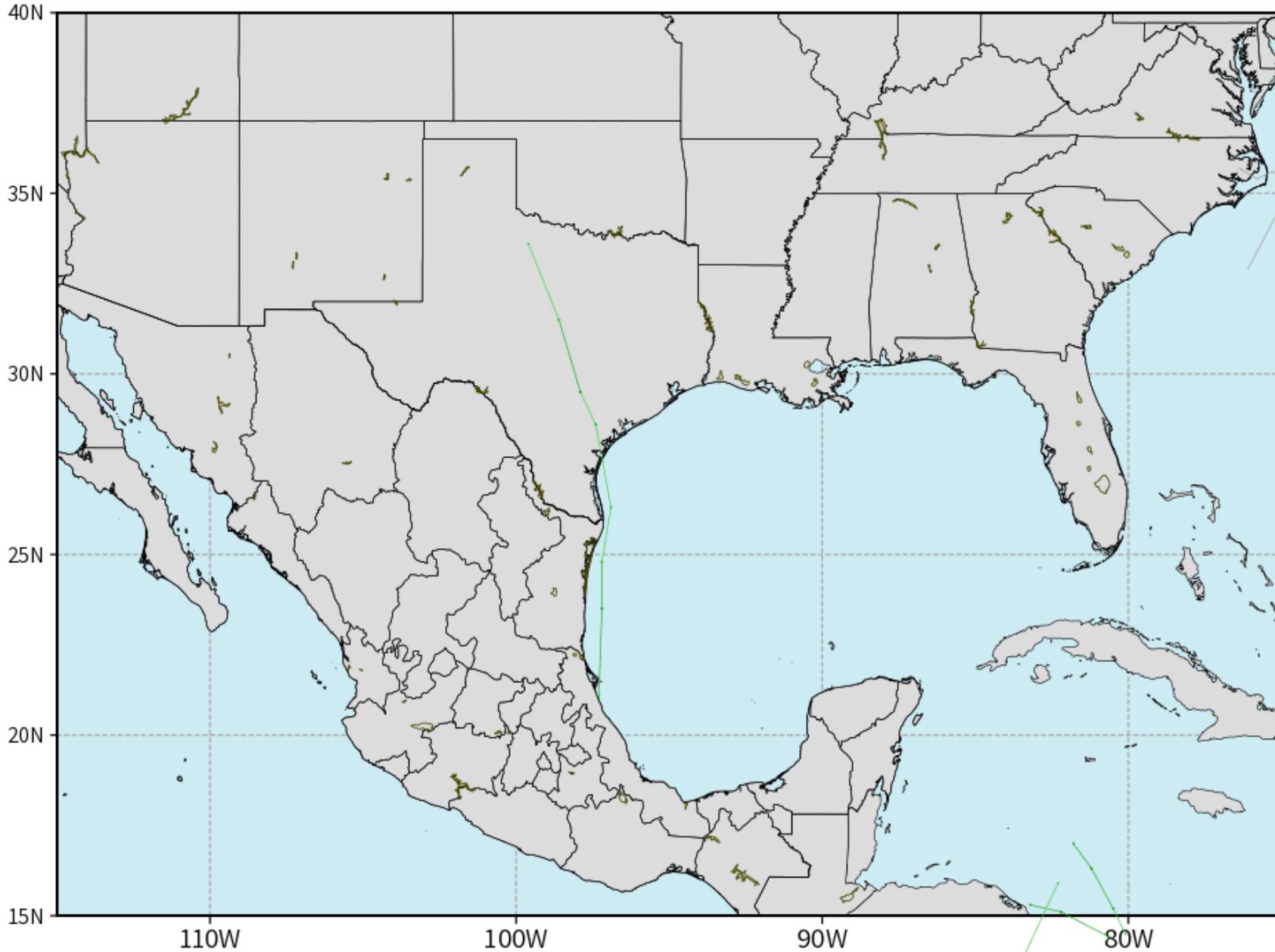
- **As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on call number, **(317)-560-8122** press 1 for forecast questions.**

# Tropical Update:

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

ECMWF GULF EPS Cyclone Locations --> Next [10-days]  
INIT: 00Z01JUN2021 --> UNTIL 00Z11JUN2021

o-o ENSEMBLE MEAN  
o-o 1000 - 1010 hPa  
o-o 980 - 999 hPa  
o-o 960 - 979 hPa  
o-o 950 - 959 hPa  
o-o < 950 hPa



[weathermodels.com](http://weathermodels.com)

**We currently do not see any tropical threats to SE TX anytime soon.**



# Visibility Report

## Tuesday, June 1, 2021

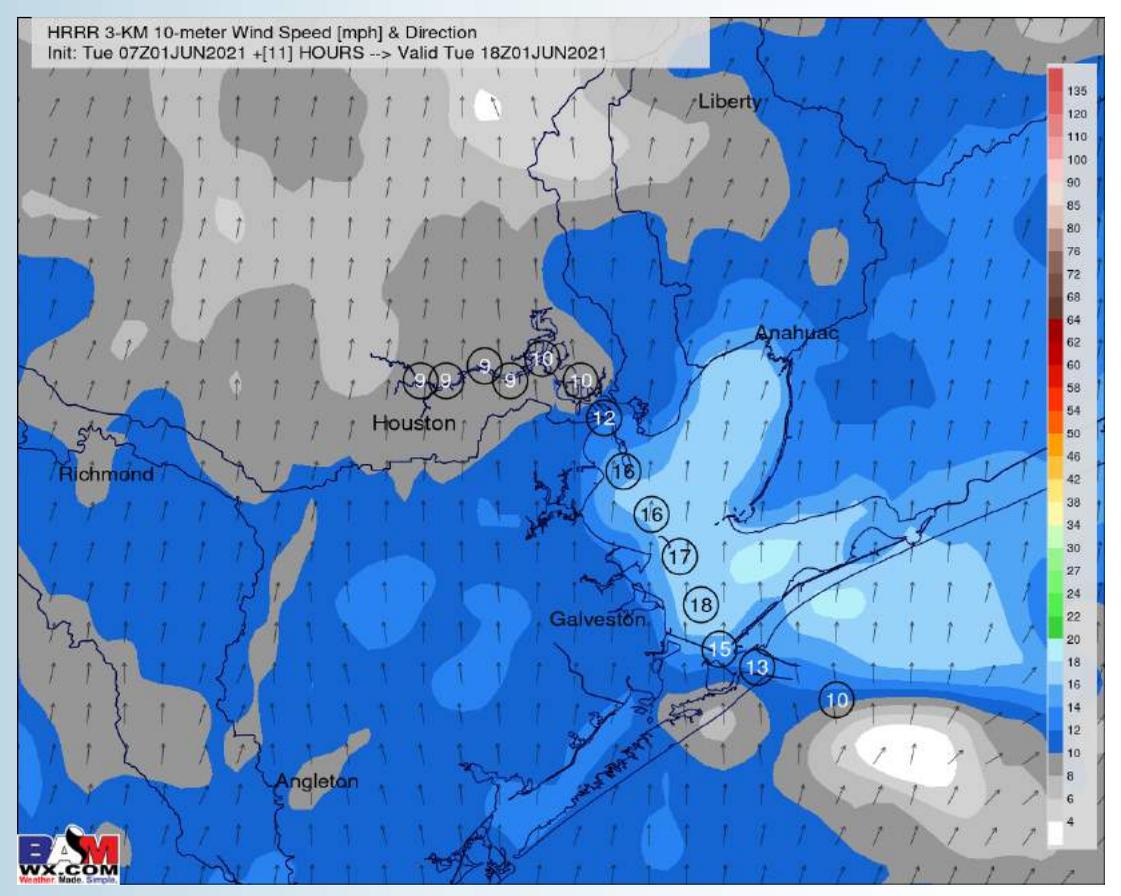
# HOURLY VISIBILITY BREAKDOWN (in miles)

Time	06-01-2021 Tue 3am	06-01-2021 Tue 4am	06-01-2021 Tue 5am	06-01-2021 Tue 6am	06-01-2021 Tue 7am	06-01-2021 Tue 8am	06-01-2021 Tue 9am	06-01-2021 Tue 10am	06-01-2021 Tue 11am	06-01-2021 Tue 12pm	06-01-2021 Tue 1pm	06-01-2021 Tue 2pm	06-01-2021 Tue 3pm	06-01-2021 Tue 4pm	06-01-2021 Tue 5pm	06-01-2021 Tue 6pm	06-01-2021 Tue 7pm	06-01-2021 Tue 8pm	06-01-2021 Tue 9pm	06-01-2021 Tue 10pm	06-01-2021 Tue 11pm	06-02-2021 Wed 12am	06-02-2021 Wed 1am	06-02-2021 Wed 2am	06-02-2021 Wed 3am	06-02-2021 Wed 4am	06-02-2021 Wed 5am	06-02-2021 Wed 6am	06-02-2021 Wed 7am	06-02-2021 Wed 8am	06-02-2021 Wed 9am	06-02-2021 Wed 10am	06-02-2021 Wed 11am	06-02-2021 Wed 12pm	06-02-2021 Wed 1pm	06-02-2021 Wed 2pm
Houston Pilots N - 610 Bridge	7.097	6.372	6.593	6.304	5.327	6.258	8.498	10.00	10.00	2.277	4.673	5.965	0.576	3.199	1.093	2.896	3.428	4.185	5.141	5.124	7.724	7.992	7.616	7.819	6.353	4.405	4.313	4.252	4.094	4.825	4.997	8.187	9.350	10.00	8.476	2.677
Houston Pilots M - Kinder 1	7.782	6.372	6.593	6.304	4.743	6.258	8.981	10.00	10.00	2.277	4.673	1.452	0.576	3.199	1.394	2.896	3.428	5.955	5.141	5.124	7.785	7.992	7.616	7.714	6.353	4.405	4.313	4.252	4.094	4.929	4.997	8.187	9.350	9.360	8.476	2.677
Houston Pilots L - Greens Bayou	7.621	5.564	6.593	6.304	4.510	6.605	8.597	10.00	10.00	2.277	4.673	1.452	0.654	3.199	1.946	2.896	3.428	6.218	6.626	6.123	7.552	7.992	7.616	7.709	6.353	4.405	4.313	4.252	4.094	5.340	4.997	8.826	9.350	9.360	8.476	2.677
Houston Pilots K - Shell Crude	6.098	6.610	5.912	6.304	4.510	6.949	8.210	10.00	10.00	2.277	4.673	1.452	0.654	3.199	1.946	2.896	3.428	6.218	6.696	6.123	7.743	7.971	7.795	7.693	6.353	4.405	4.313	4.255	4.094	5.412	5.459	8.826	9.350	9.360	8.476	2.677
Houston Pilots J - Lynchburg Ferries	6.098	5.564	6.593	6.304	4.510	6.605	7.584	10.00	10.00	3.381	4.673	1.452	0.759	3.199	5.222	2.896	3.428	6.983	6.696	7.229	7.743	7.933	7.795	7.693	7.077	5.460	4.441	4.255	4.094	5.340	5.459	8.826	9.350	9.360	10.00	2.677
Houston Pilots I - Exxon 3	6.098	7.633	6.593	6.025	4.510	6.949	7.332	10.00	10.00	8.547	4.673	5.232	5.918	3.199	5.245	3.615	5.393	6.875	6.696	7.229	7.743	7.933	7.795	7.693	7.582	5.676	5.188	4.255	4.094	5.444	5.459	8.826	9.407	9.360	9.412	5.672
Houston Pilots H - Morgans Point	6.098	7.633	5.912	6.025	4.743	6.949	7.332	10.00	10.00	5.574	4.673	3.695	3.319	4.264	5.245	3.615	5.335	6.583	6.696	7.229	7.743	7.933	7.795	7.693	7.582	5.749	5.115	4.255	4.094	5.458	5.505	8.826	9.407	9.225	9.407	7.868
Houston Pilots G - 75/76	6.098	8.055	6.615	6.025	7.854	6.949	7.332	10.00	10.00	5.574	6.268	3.695	4.109	5.289	5.245	5.072	4.917	6.244	6.696	7.265	7.889	7.933	7.829	7.709	7.639	7.220	5.188	5.795	4.580	7.539	7.619	8.514	9.133	7.896	8.091	7.868
Houston Pilots F - 63/64	8.145	8.261	8.544	6.025	8.197	7.091	8.301	10.00	10.00	10.00	8.094	3.695	8.718	8.919	5.245	5.072	5.667	6.583	6.884	7.265	8.216	8.384	8.320	8.098	7.974	7.900	6.362	5.918	5.946	7.815	7.868	8.514	9.133	7.711	8.091	7.868
Houston Pilots E - 51/52	8.401	8.362	8.604	8.044	8.614	7.091	9.562	10.00	10.00	10.00	10.00	3.695	9.391	10.00	8.626	5.401	7.274	6.867	6.884	7.265	8.216	8.409	8.060	8.461	8.266	8.241	8.577	7.735	6.724	7.720	7.868	8.514	9.133	7.896	8.091	7.650
Houston Pilots D - 37/38	8.401	8.173	7.881	7.896	8.362	7.763	8.077	10.00	10.00	10.00	10.00	6.250	9.291	10.00	9.999	8.056	5.174	8.124	7.406	8.757	8.216	8.409	7.984	8.086	8.288	8.492	8.392	7.688	6.854	7.661	8.490	8.871	8.163	7.896	8.091	6.175
Houston Pilots C - 25/26	8.598	8.362	8.723	8.044	8.362	7.763	7.552	9.705	9.933	10.00	9.195	7.918	9.291	10.00	10.00	8.215	6.957	8.124	8.425	8.757	8.345	8.409	8.060	8.461	8.288	8.725	8.875	7.735	6.859	7.720	8.649	9.501	7.596	7.830	7.166	7.650
Houston Pilots B - 11/12	9.330	8.474	9.474	9.269	8.362	7.763	7.552	9.705	9.933	10.00	9.195	10.00	9.291	10.00	9.818	8.215	7.325	8.124	9.181	9.202	9.358	9.054	8.856	8.790	8.469	8.725	8.875	7.991	7.567	7.960	8.871	9.531	7.596	7.830	7.166	9.646
Houston Pilots A - 1 & 2 Bravo	7.605	9.069	9.617	9.700	8.362	7.810	7.552	10.00	9.933	10.00	8.676	10.00	9.291	10.00	9.818	9.931	7.658	9.201	9.880	9.740	9.568	9.557	9.892	9.272	9.027	8.752	9.344	8.871	7.651	8.081	9.244	9.315	6.828	7.830	8.394	9.386

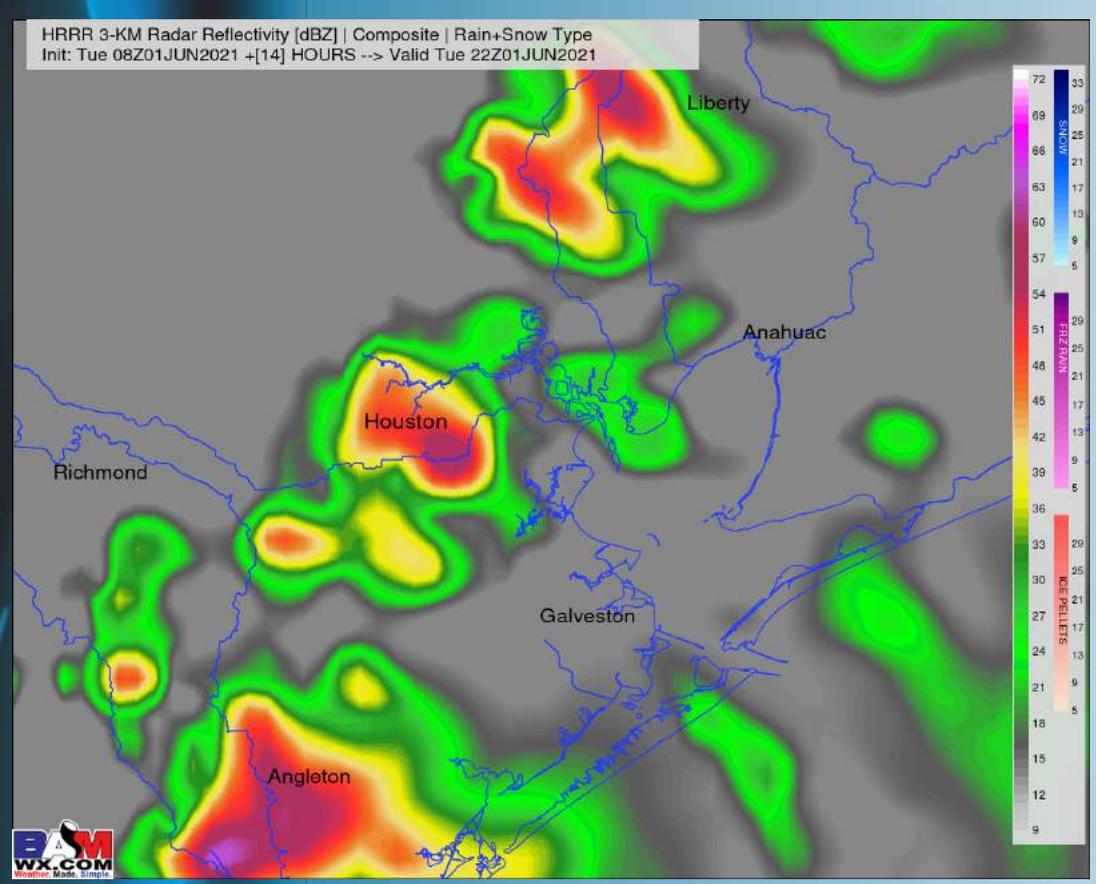
## Short-Term Forecast Discussion

- Our cluster of precipitation currently off to our west is expected to gradually weaken as it pushes east and may provide us with a few showers/t-storms this morning. With that said, the better opportunity for more coverage will come into the afternoon (~2 PM and beyond) where we are anticipating more scattered showers and thunderstorms to be on the table. A few locally heavier downpours will be possible and a locally stronger thunderstorm cannot be ruled out.
- Winds look to continue out of the SSE, sustained around 13 – 18 MPH. Gusts approaching 20 MPH possible.
- High temperatures look to get around ~80 F over open waters.
- *No fog expected today, but reduced visibility will be possible in the heaviest of precipitation.*

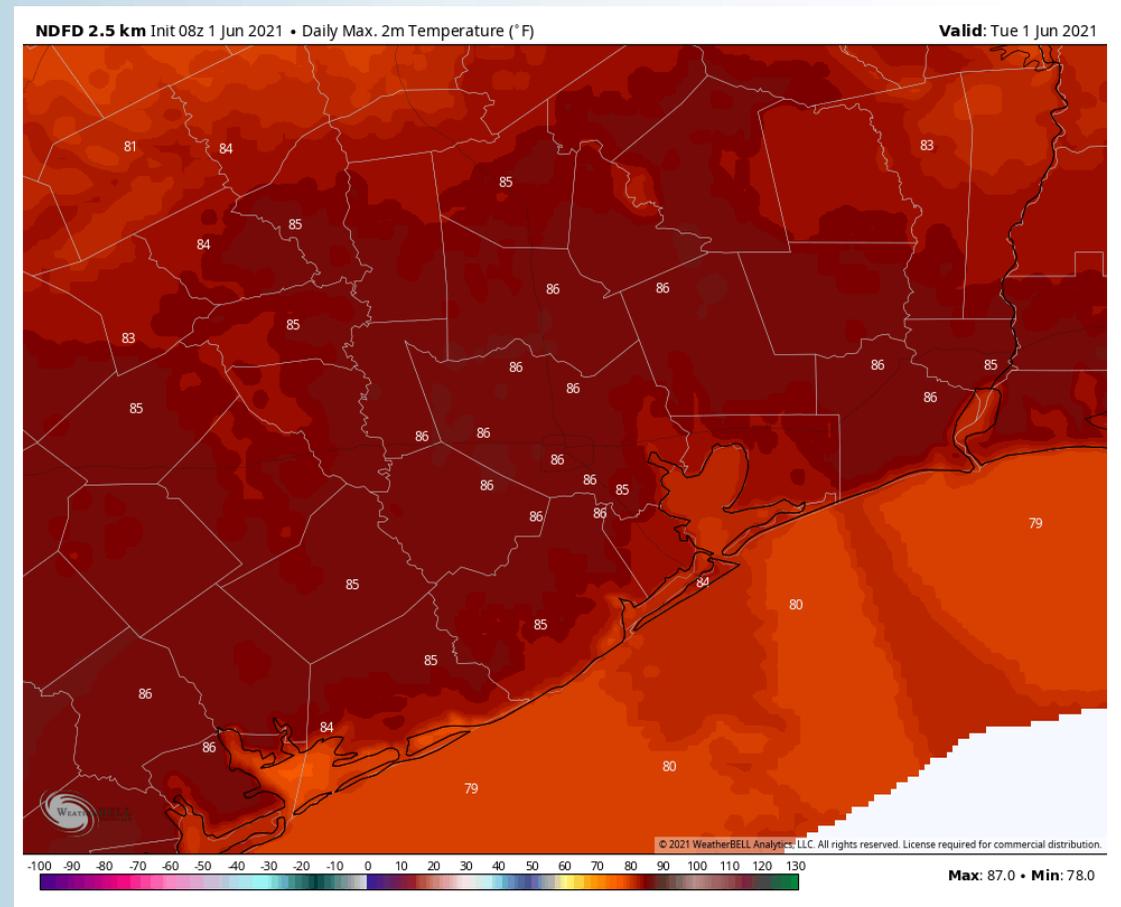
## Sustained Winds (2 PM CT)



## Simulated Radar Snapshot (5 PM CT)



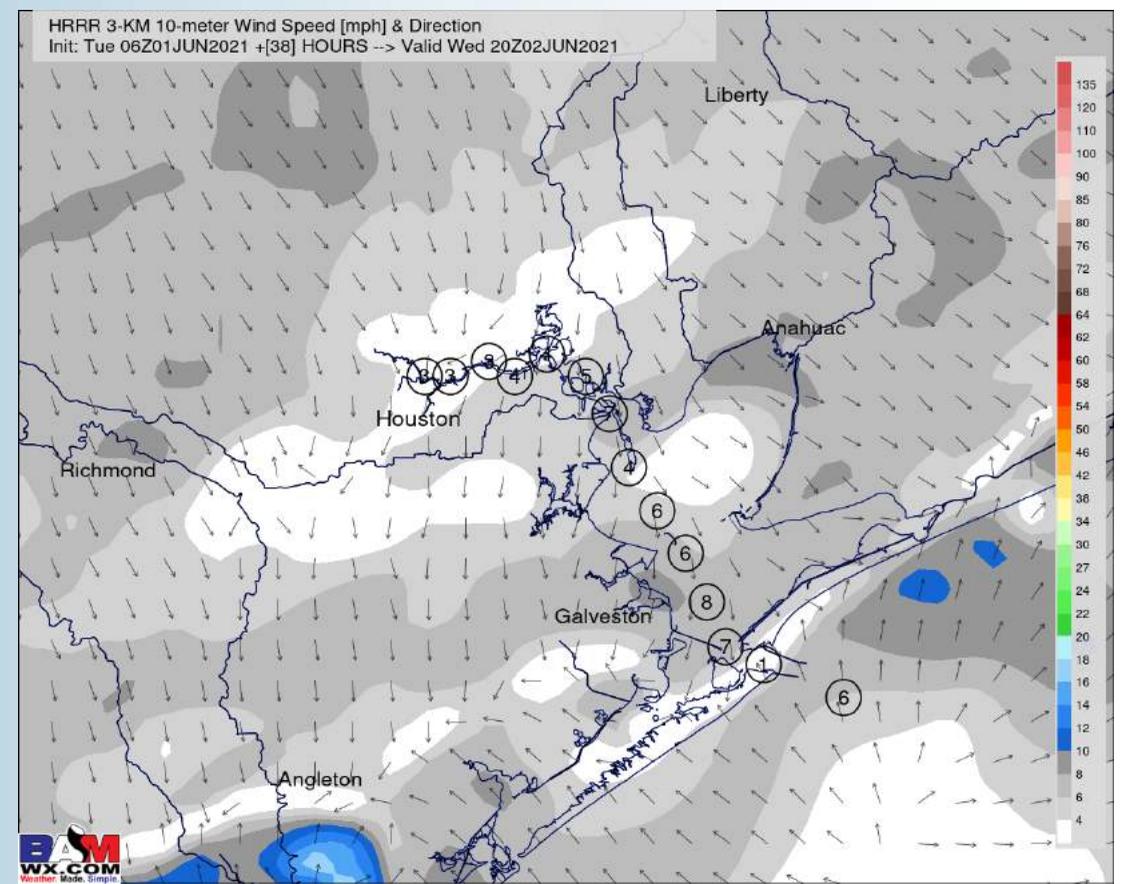
## High Temps Today



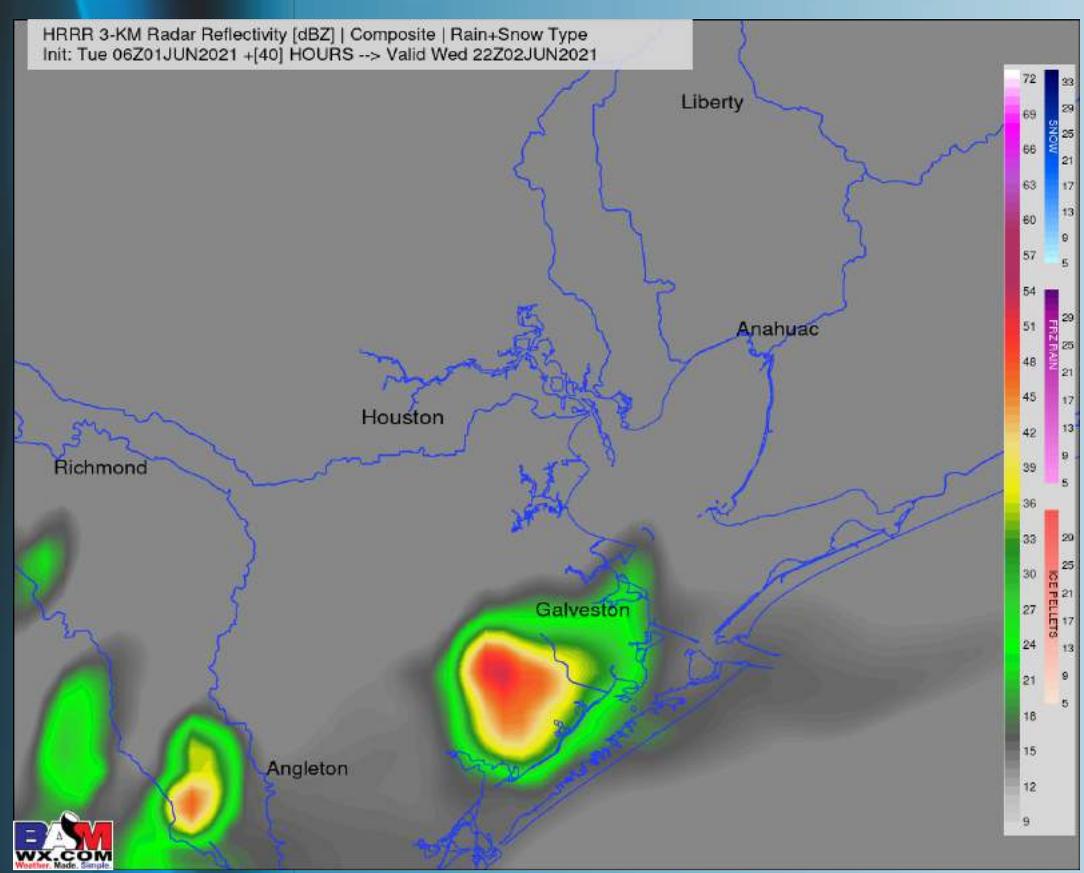
## Short-Term Forecast Discussion

- While Wednesday AM will still hold precipitation chances, the forecast has trended a bit drier than 24 hours ago. An isolated shower/ t-storm will still be possible, but beyond ~4 PM is when we are anticipating the best percentages to be for precip during the day.
- Wednesday's winds look to be generally variable in direction and calmer, sustained 5-10 MPH with a few gusts locally higher within any precipitation
- Wednesday will be another day with highs right around 80F
  - *No fog anticipated Wednesday.*

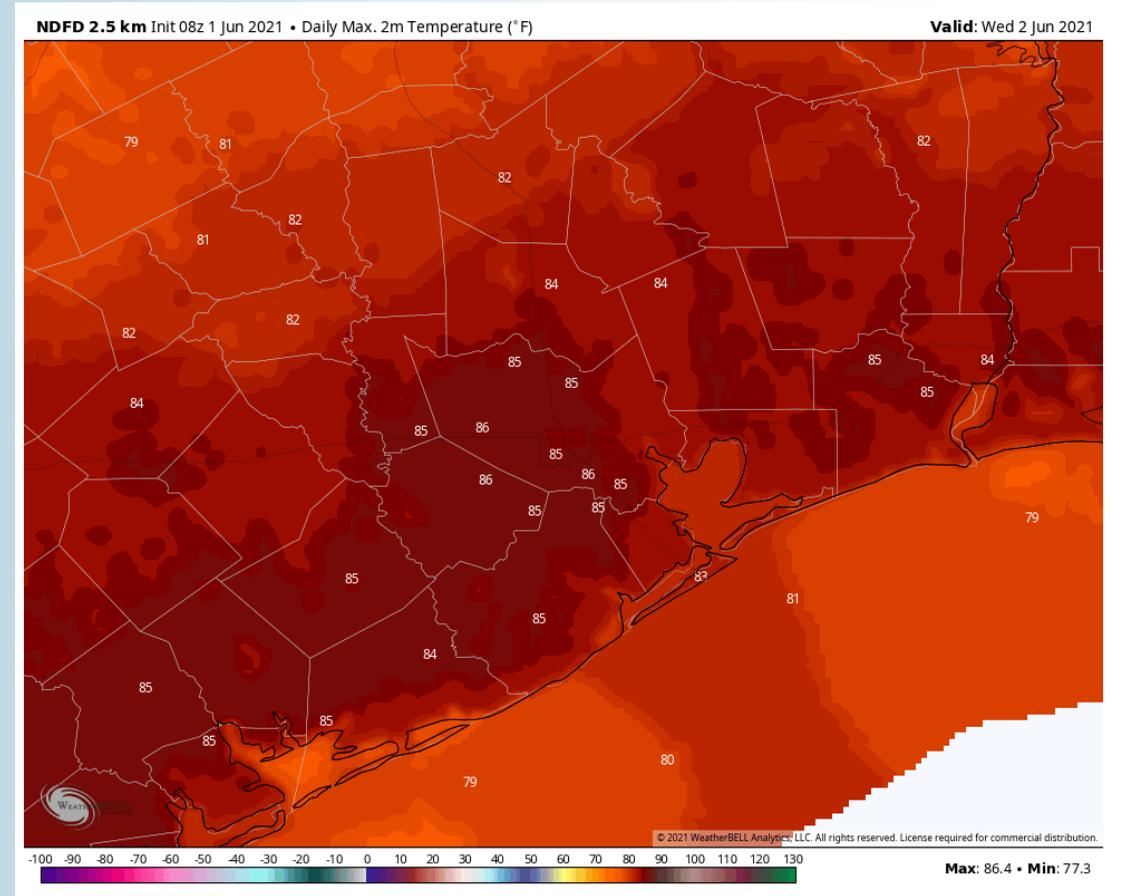
## Sustained Winds (3 PM CT)



## Simulated Radar Snapshot (4 PM CT)



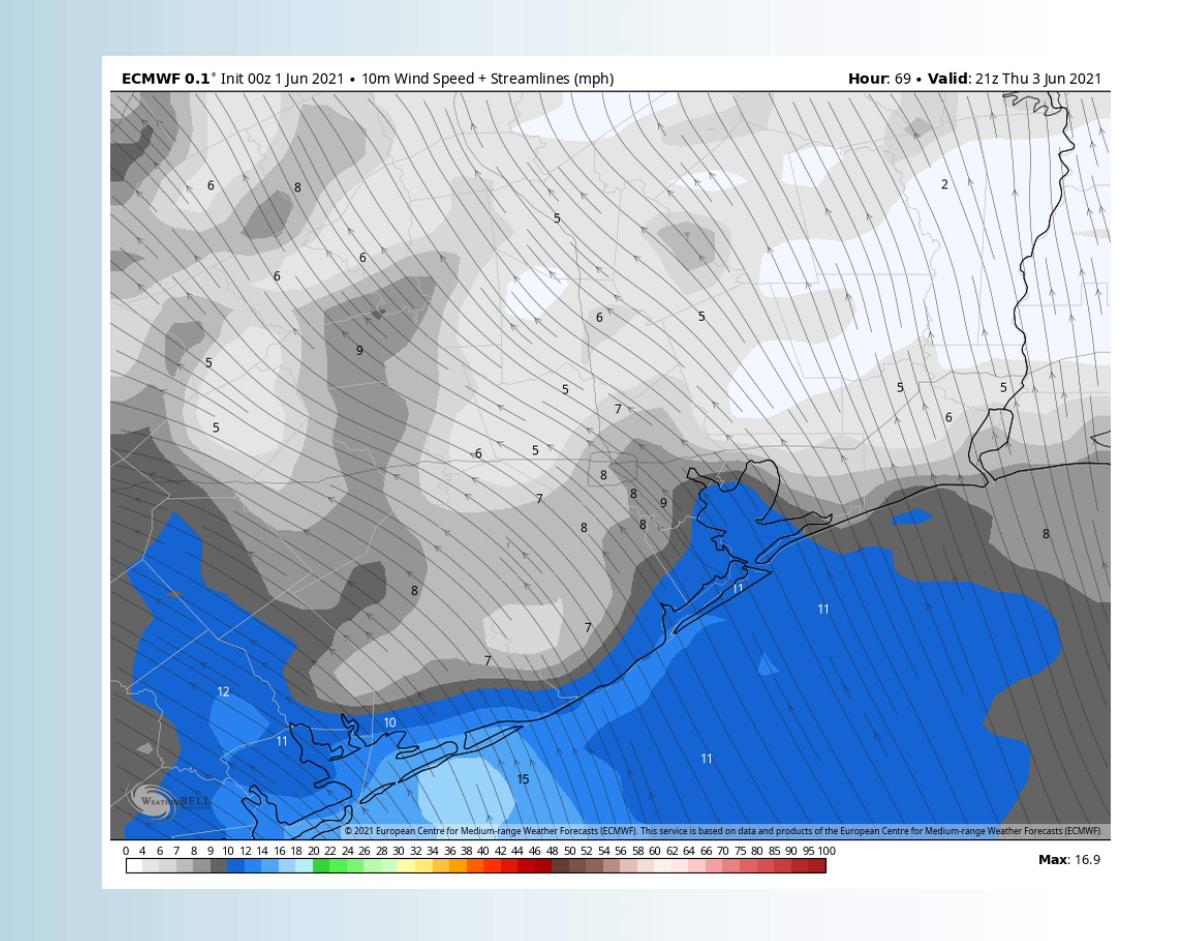
## High Temperatures Wednesday



**Short-Term Forecast Discussion**

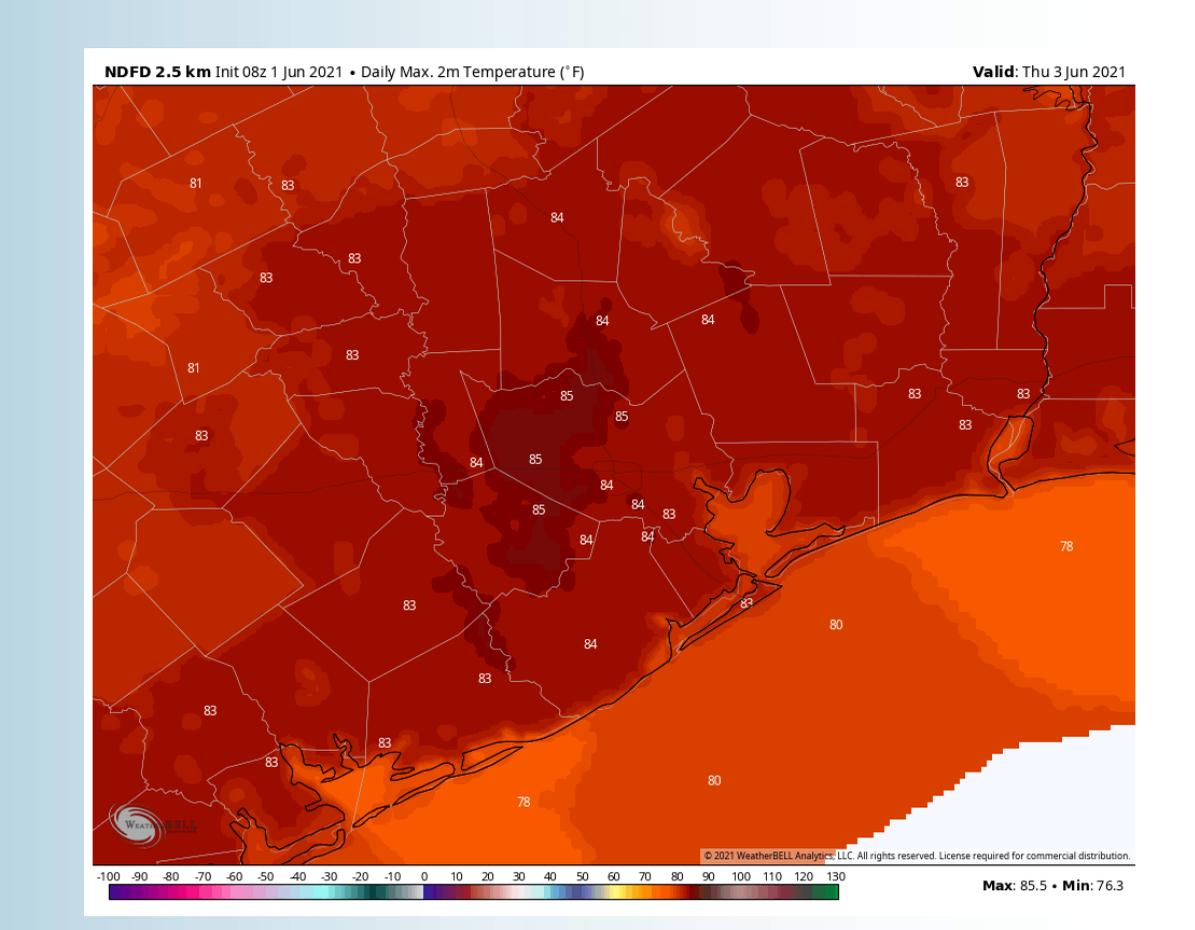
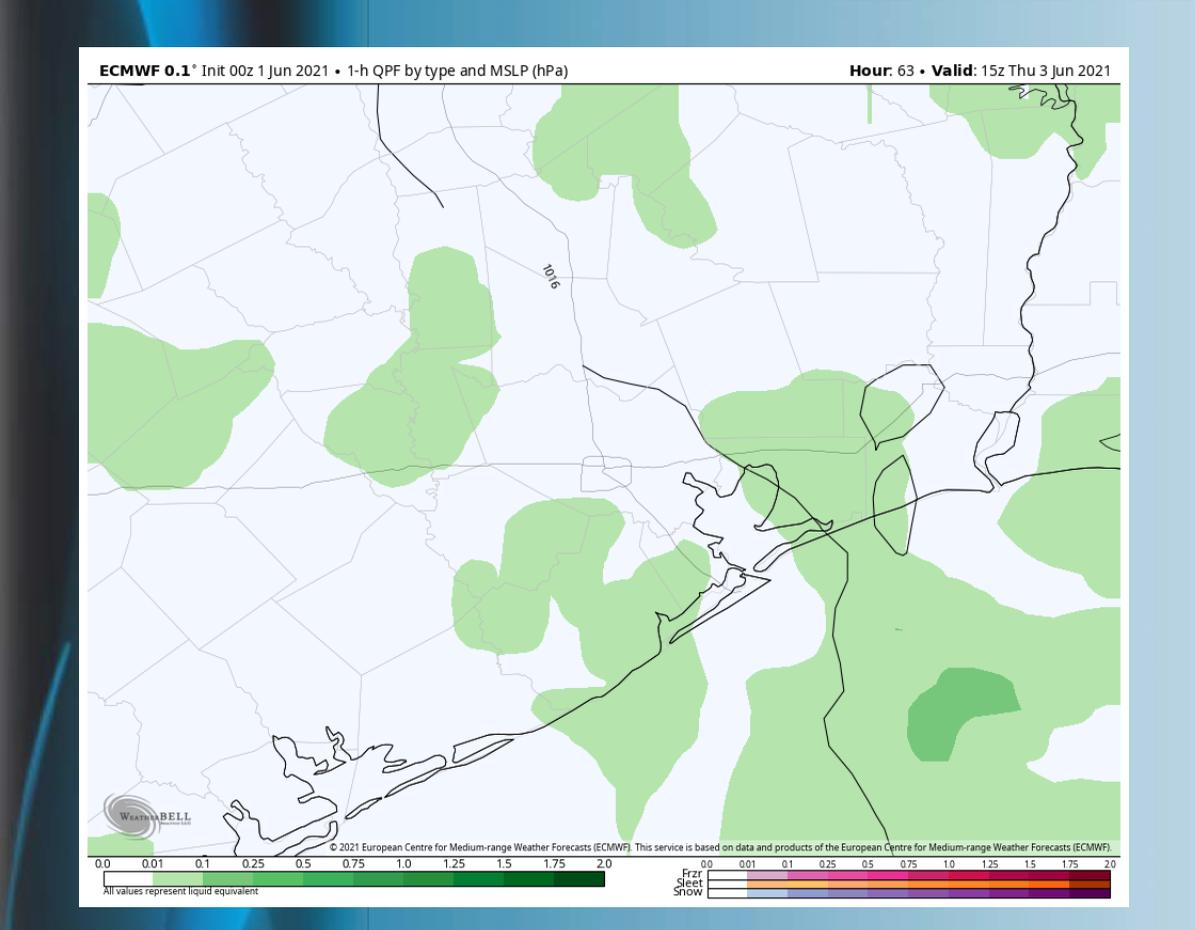
**Sustained Winds (4 PM CT)**

- Thursday will be another day with precipitation chances, however things look to be a bit more isolated in coverage at this distance.
- Thursday continues winds coming out of the SSE, sustained 8-13 MPH with gusts locally higher.
- Thursday is another day expected to be right around 80 for our stations
  - *No fog expected Thursday.*



**Simulated Radar Snapshot (10 AM CT)**

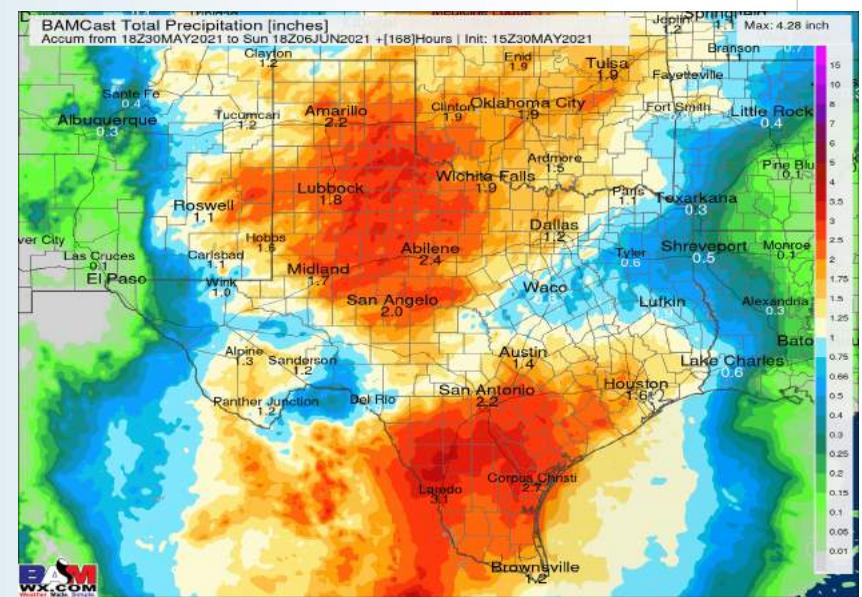
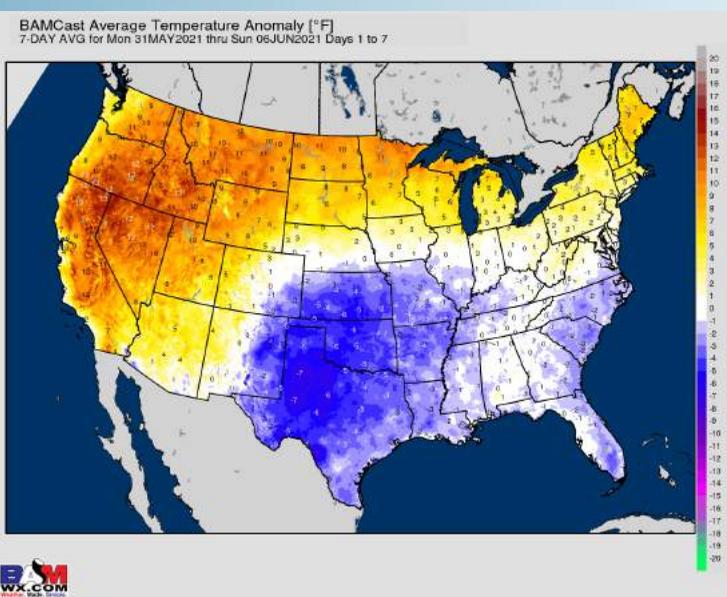
**High Temperatures Thursday**



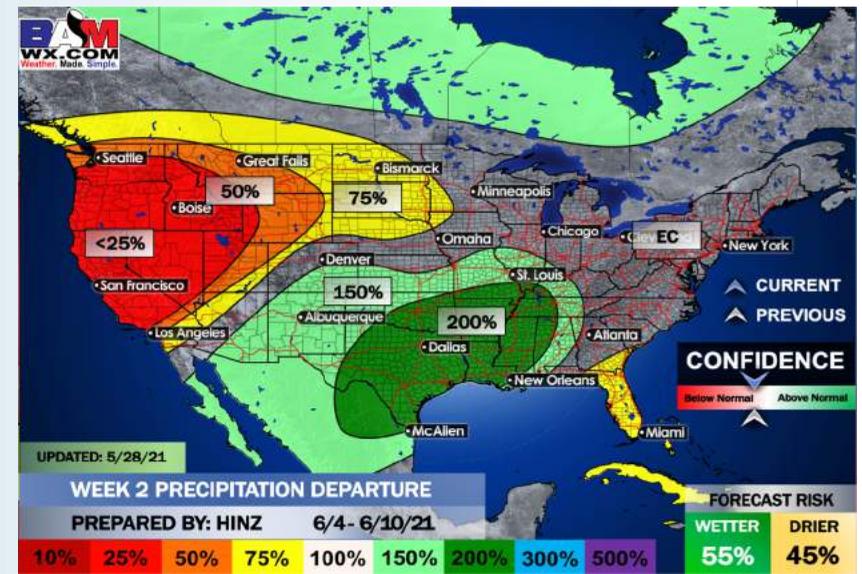
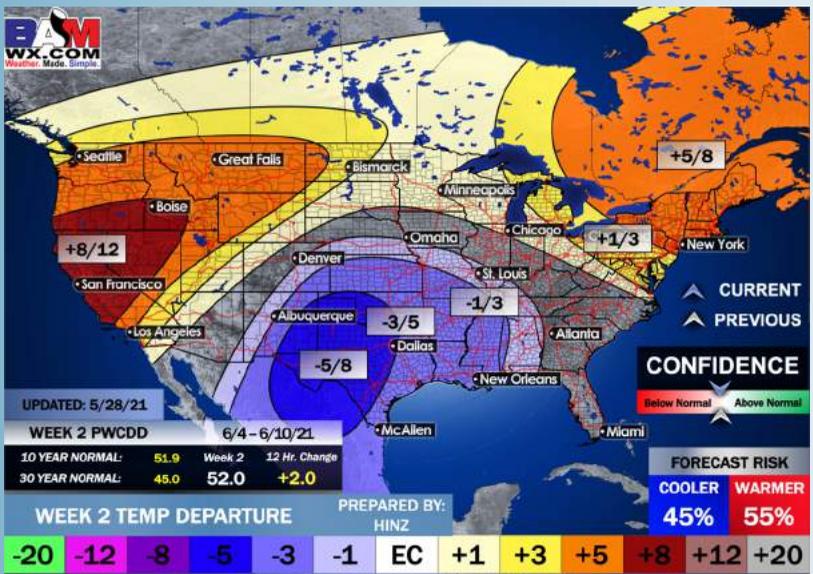
## Long-Range Forecast Discussion

- SE TX will be under the influence of the subtropical jet the next 7 days. This will lead to increased rain chances and below normal temperatures the next 7 days. Precipitation chances will be on the increase for the back half of the week and into the weekend.
- Working into early June, we are favoring below normal temps for this time of year and for precipitation to stay on the active side of things. Increased moisture risks likely continue across the Southern US.
- The weeks 3/4 (mid to late June) period likely features more cooler than normal temperatures and above normal moisture, similar to our current week 2 thoughts.

## Week 1 Forecast



## Week 2 Forecast



## Weeks 3/4 Forecast

