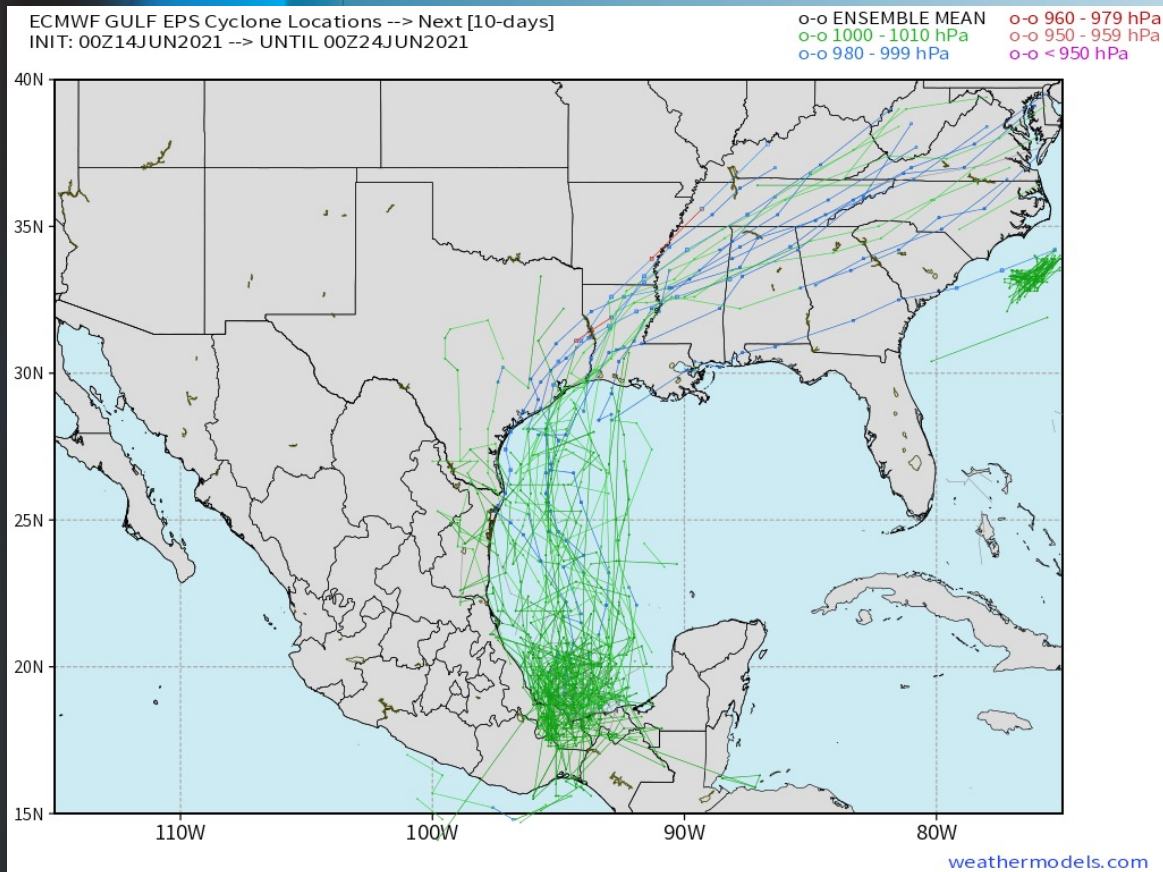**Updated: 1:00 PM CT, Monday, June 14, 2021**
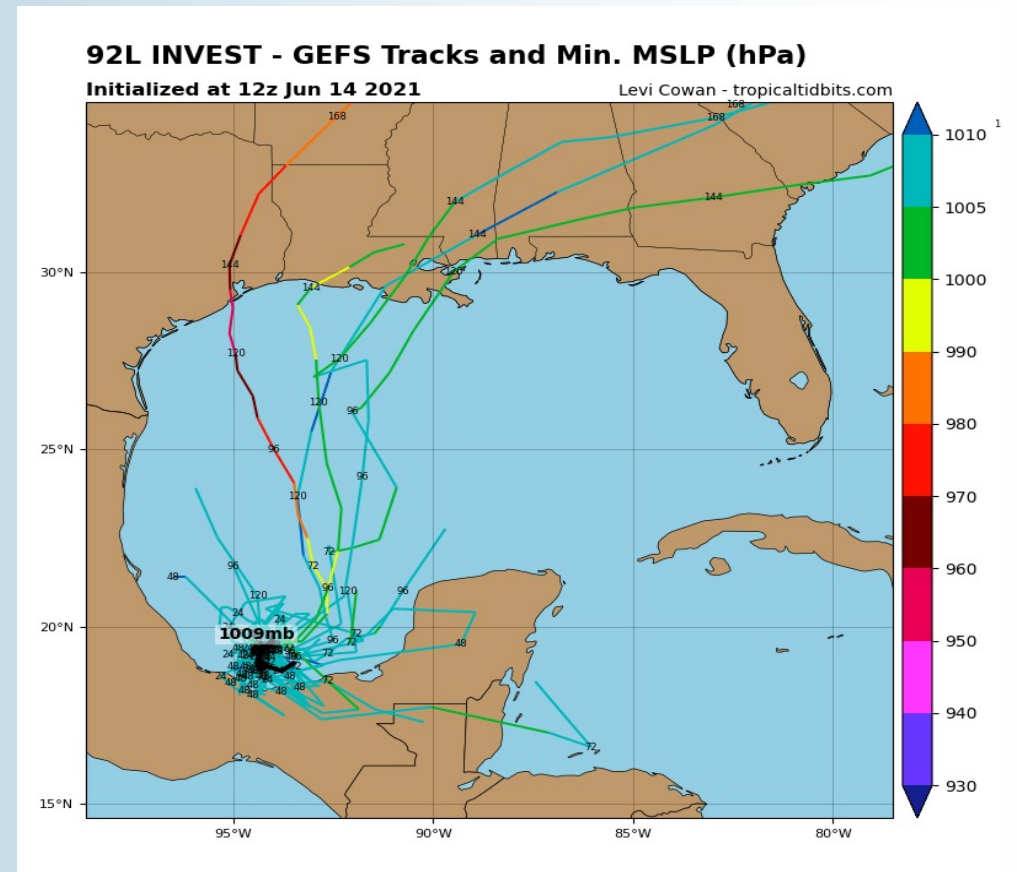
➢ **As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on call number, (317)-560-8122 press 1 for forecast questions.**

Tropical Update *(no change):*

Euro Ensemble Tracks (Next 10-days):

GEFS Tracks (Next 10-days):

We continue to keep an eye around the 18th – 20th for a tropical system which can impact areas along the Gulf Coast. Shown above are the European and American (GEFS) ensembles of low pressure tricks with this upcoming system. *The majority of model data continues to suggest a landfall east of HOU*. However, some members on the ensembles are further to the west, so the risk for HOU is still in the realm of possibility even though it's on the lower end. Ensemble members do not really suggest a Hurricane potential as well, more of a tropical storm. We are still several days outs, with shifts one way or the other still possible. We will continue to monitor the situation.

HOURLY VISIBILITY BREAKDOWN
(in miles)

| Time	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	06-14-2021 Mon 11pm	06-15-2021 Tue 12am	06-15-2021 Tue 1am	06-15-2021 Tue 2am	06-15-2021 Tue 3am	06-15-2021 Tue 4am	06-15-2021 Tue 5am	06-15-2021 Tue 6am	06-15-2021 Tue 7am	06-15-2021 Tue 8am	06-15-2021 Tue 9am	06-15-2021 Tue 10am	06-15-2021 Tue 11am	06-15-2021 Tue 12pm	06-15-2021 Tue 1pm	06-15-2021 Tue 2pm	06-15-2021 Tue 3pm	06-15-2021 Tue 4pm	06-15-2021 Tue 5pm	06-15-2021 Tue 6pm	06-15-2021 Tue 7pm	06-15-2021 Tue 8pm	06-15-2021 Tue 9pm
Houston Pilots N - 610 Bridge	10.00	10.00	6.097	3.771	3.976	0.560	3.949	2.942	1.238	5.188	9.635	9.807	1.507	10.00	10.00	9.959	9.530	8.119	7.456	7.065	6.768	6.369	6.983	10.00	10.00	10.00	10.00	5.531	6.100	0.660	1.540	1.634	1.002	3.790	1.168	6.947
Houston Pilots M - Kinder 1	10.00	10.00	6.097	3.771	3.243	0.601	3.949	2.942	1.238	5.188	10.00	9.656	1.507	10.00	10.00	9.431	9.023	9.135	8.374	7.065	6.768	6.369	6.983	10.00	10.00	10.00	10.00	5.531	6.100	0.660	1.540	1.634	1.002	1.655	1.168	6.947
Houston Pilots L - Greens Bayou	10.00	10.00	6.097	8.040	3.243	0.749	3.949	2.942	1.879	5.406	10.00	9.656	1.507	10.00	9.580	9.144	8.653	8.680	8.427	7.065	6.768	6.369	6.983	10.00	10.00	10.00	10.00	7.867	6.100	1.738	1.589	1.939	2.213	1.655	1.168	6.947
Houston Pilots K - Shell Crude	10.00	10.00	10.00	8.040	1.936	0.749	7.469	2.942	1.879	5.837	9.419	9.656	8.988	9.465	9.090	8.902	8.430	8.289	8.427	7.065	6.768	6.369	6.983	10.00	10.00	10.00	10.00	5.218	6.100	1.738	1.589	2.532	2.213	1.655	1.168	6.947
Houston Pilots J - Lynchburg Ferries	10.00	10.00	10.00	10.00	1.936	0.749	7.510	6.530	1.879	5.837	9.419	8.391	9.406	9.177	8.848	8.643	8.321	8.067	7.973	8.141	6.768	7.417	7.750	10.00	10.00	10.00	10.00	5.218	8.590	2.801	1.589	1.813	2.213	1.655	9.676	10.00
Houston Pilots I - Exxon 3	10.00	10.00	10.00	9.138	1.936	0.866	7.510	2.650	3.231	7.532	9.419	8.284	8.615	9.177	8.848	8.643	8.321	8.067	7.874	7.969	6.768	7.417	8.472	10.00	10.00	10.00	10.00	5.218	8.590	2.801	1.589	1.274	2.213	1.655	10.00	10.00
Houston Pilots H - Morgans Point	10.00	10.00	10.00	6.706	1.936	1.076	7.510	2.650	3.231	8.972	9.419	8.284	8.615	9.177	8.884	8.683	8.321	8.067	7.874	7.969	6.768	7.300	8.439	10.00	10.00	10.00	10.00	5.218	9.270	2.801	1.589	1.274	10.00	1.655	10.00	10.00
Houston Pilots G - 75/76	9.592	10.00	10.00	9.138	1.936	2.001	7.510	2.650	3.692	5.571	9.419	9.340	8.615	9.574	9.123	8.895	8.609	8.180	8.188	8.481	7.773	5.837	6.676	9.372	10.00	10.00	10.00	5.218	2.192	5.251	2.481	1.813	10.00	4.752	10.00	10.00
Houston Pilots F - 63/64	9.592	10.00	10.00	9.138	5.079	8.344	8.090	5.072	10.00	5.571	10.00	10.00	8.615	9.863	9.374	8.982	8.455	7.949	8.520	9.121	8.922	6.953	7.353	9.372	10.00	9.352	10.00	8.974	2.192	3.961	2.481	10.00	10.00	4.752	10.00	10.00
Houston Pilots E - 51/52	9.592	10.00	10.00	10.00	5.079	7.201	8.090	5.072	10.00	10.00	10.00	10.00	8.887	9.863	9.374	8.987	8.555	8.292	9.538	9.121	8.857	8.414	8.461	10.00	10.00	9.352	10.00	8.974	2.192	3.961	2.481	10.00	10.00	9.187	10.00	10.00
Houston Pilots D - 37/38	9.883	10.00	10.00	10.00	5.079	6.101	4.938	10.00	10.00	10.00	10.00	10.00	10.00	9.863	9.374	8.987	8.555	8.292	9.538	8.843	8.550	8.414	8.461	10.00	10.00	9.352	10.00	10.00	2.192	4.487	2.481	10.00	10.00	10.00	10.00	10.00
Houston Pilots C - 25/26	10.00	10.00	10.00	10.00	10.00	6.101	2.570	10.00	9.772	9.689	8.966	9.829	10.00	10.00	9.841	9.600	9.142	8.571	9.563	8.843	8.550	8.510	8.711	10.00	10.00	10.00	10.00	10.00	10.00	7.855	2.982	9.010	8.814	8.535	10.00	10.00
Houston Pilots B - 11/12	10.00	10.00	10.00	10.00	9.148	6.101	6.151	10.00	9.772	9.689	8.453	9.829	10.00	10.00	10.00	10.00	9.201	9.609	8.843	8.550	8.986	9.224	10.00	10.00	10.00	10.00	10.00	10.00	10.00	7.855	10.00	9.010	8.814	8.535	10.00	10.00
Houston Pilots A - 1 & 2 Bravo	7.354	9.607	10.00	10.00	5.026	6.101	10.00	10.00	10.00	10.00	8.453	10.00	10.00	10.00	10.00	10.00	9.986	9.690	9.354	8.757	9.119	9.422	9.895	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

Short-Term Forecast Discussion

- Data has progressively weakened much in terms of rainfall chances today across the Stations today to tonight. An isolated storm cannot be fully ruled out, but the better potential for precipitation looks north and west of our main focus area.

- Winds tonight should generally stay 4-8 MPH sustained out of the South.

- Low temps tonight hold pretty steady in the low to mid 80s across open water locations.
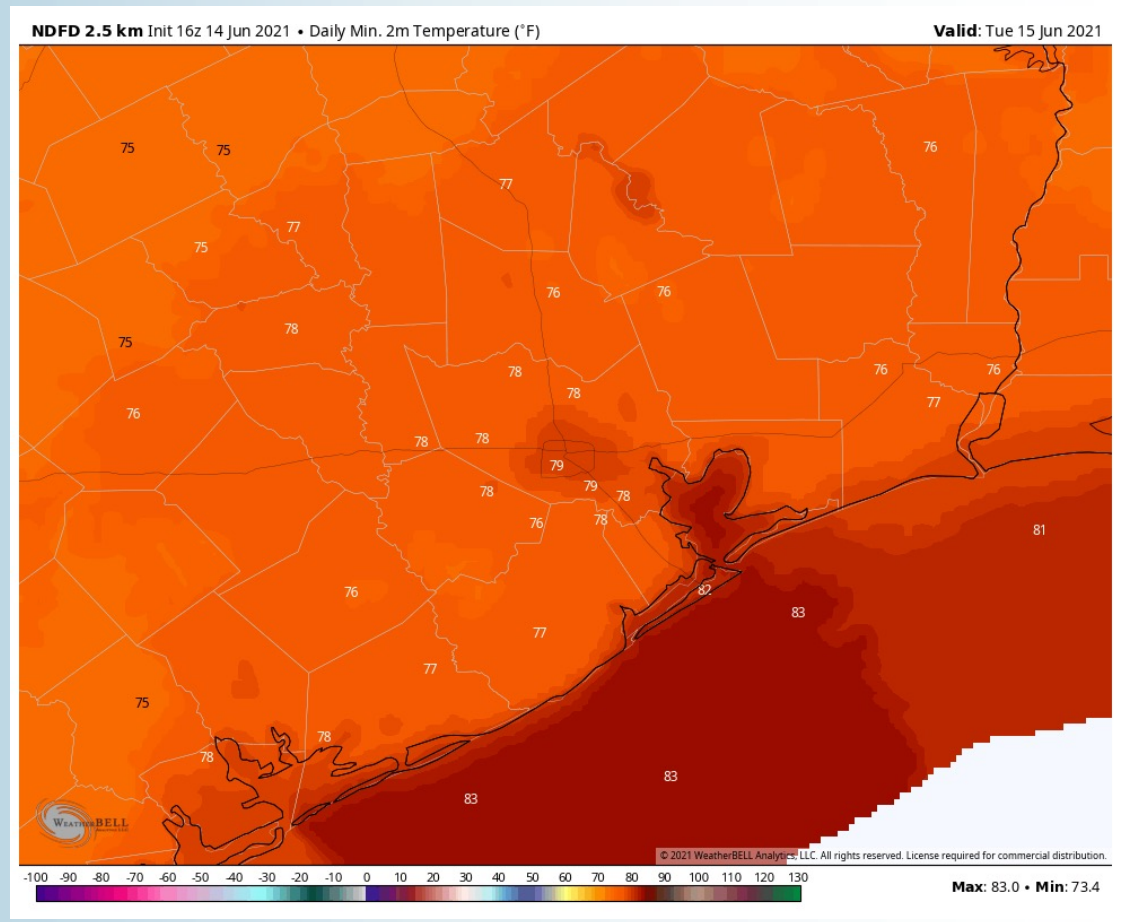
- *Not expecting fog tonight.*

Sustained Winds (2 AM CT)
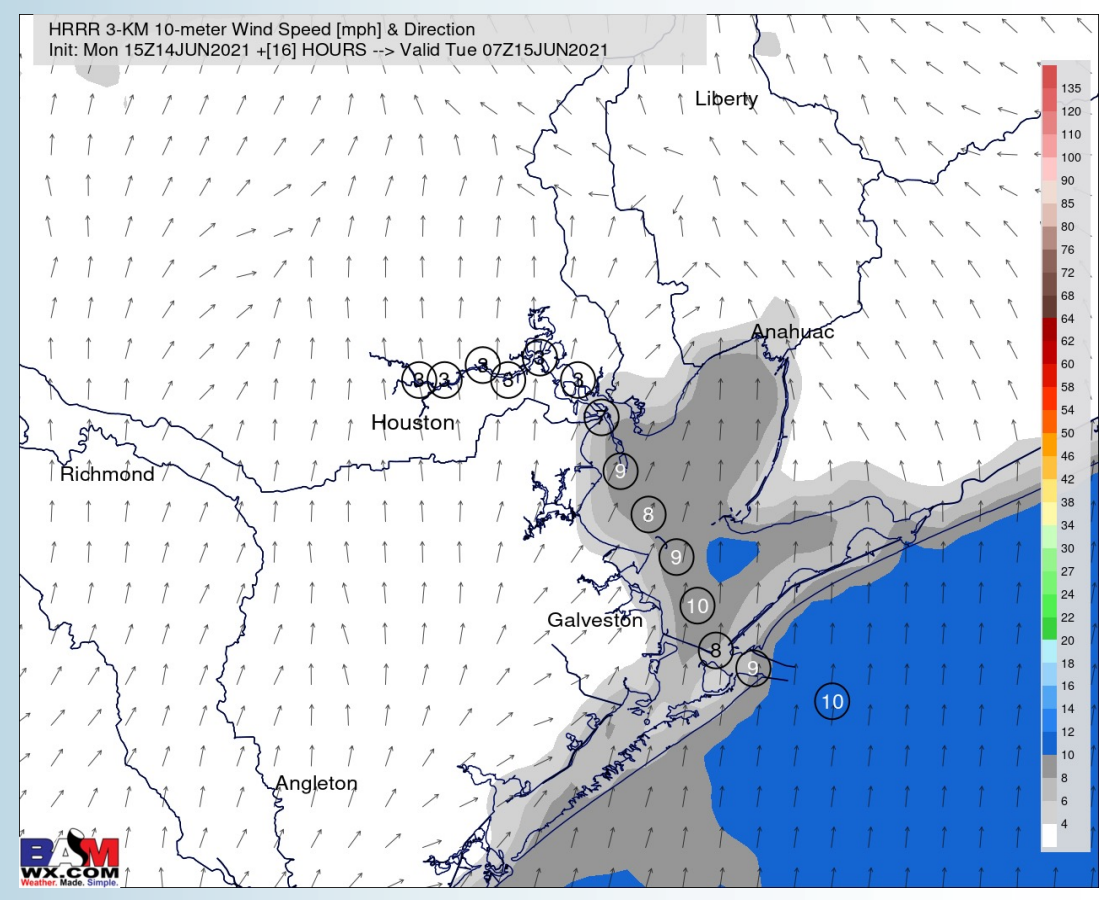
Simulated Radar Snapshot (7 PM CT)

Low Temps Tonight

Houston Pilots

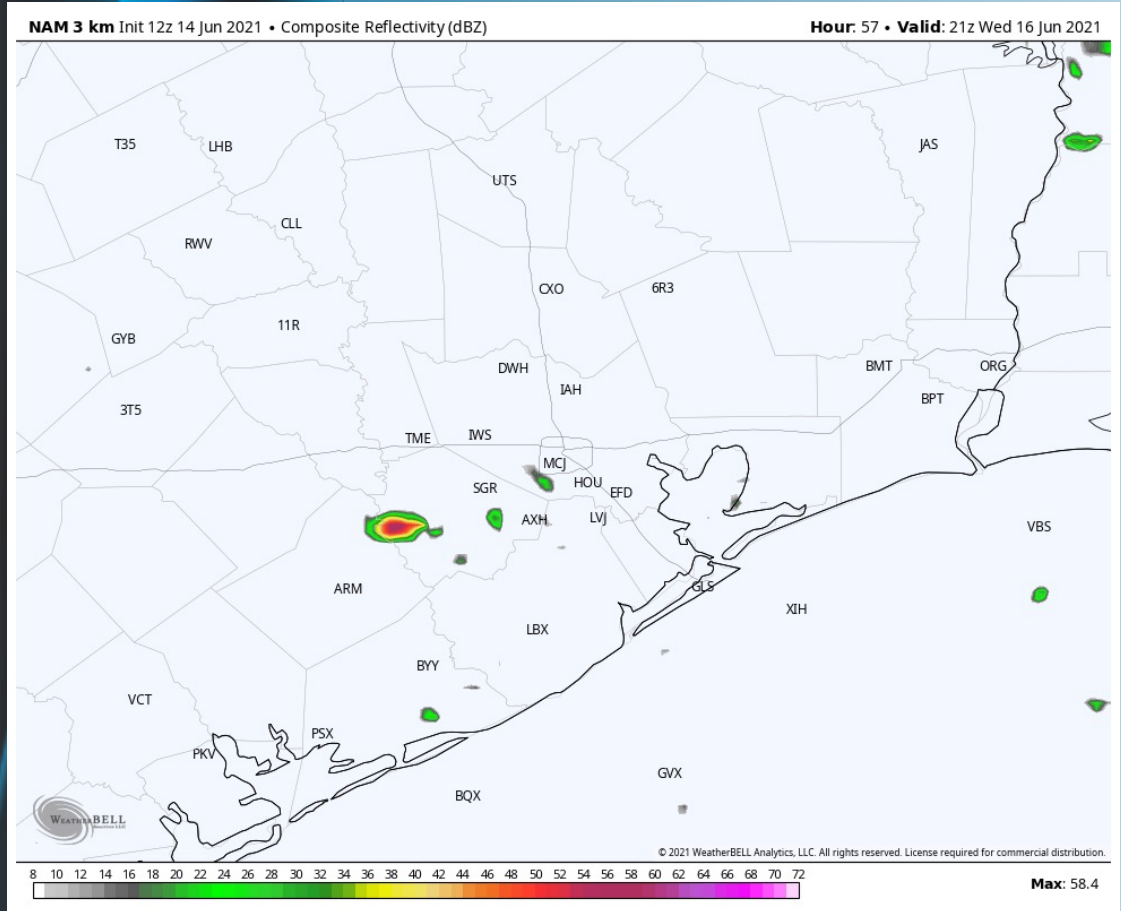**BAM WX.COM**
Weather. Made. Simple.
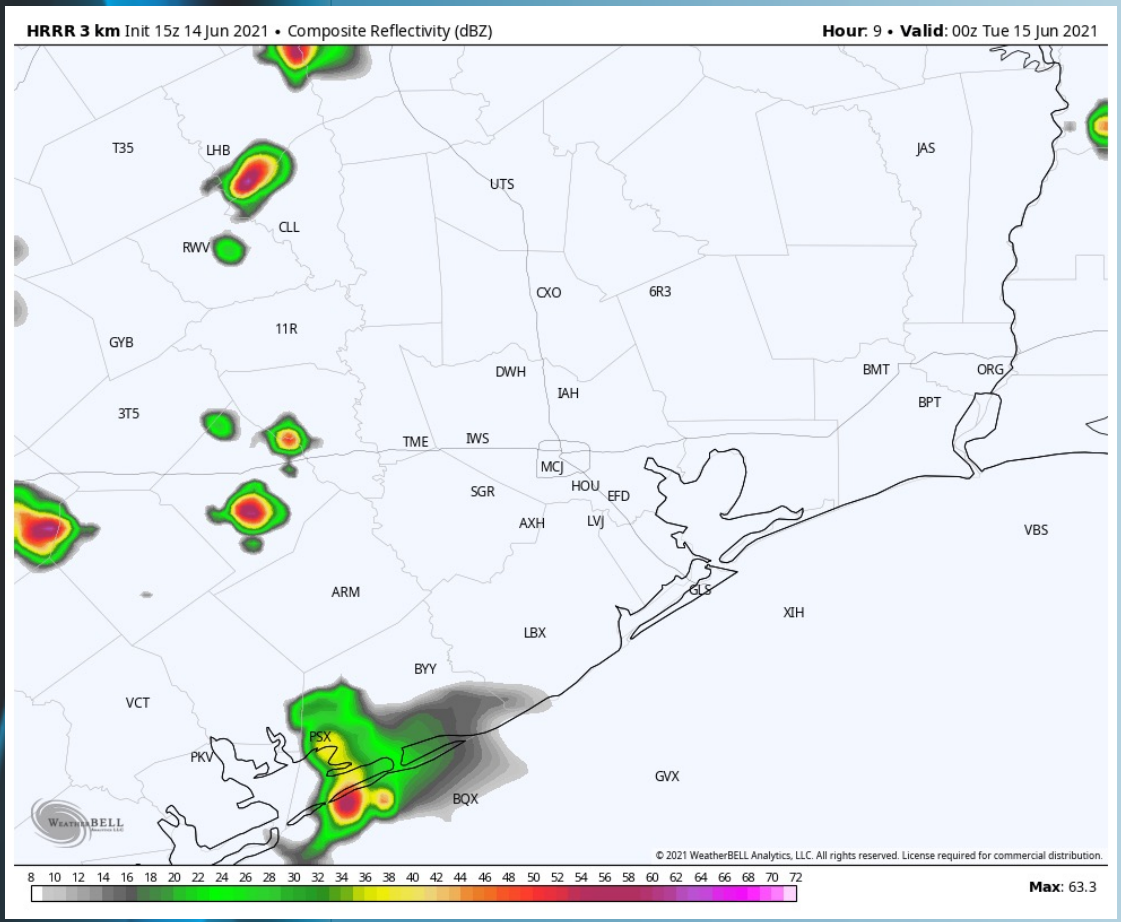
Short-Term Forecast Discussion

➢ **Tuesday looks to have isolated chances in the afternoon hours with any activity likely waning down with the loss of daylight. We think once again, similar to today, most of the activity stays rather north of most of our locations. A locally heavy downpour can't be fully ruled out with some lightning and briefly gusty winds if a storm passes over a Station.**

➢ **Winds look to rather minimal once again on TUE out of the SE, around 4 – 8 MPH. Some breezier conditions possible under any isolated 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 (4 PM CT)
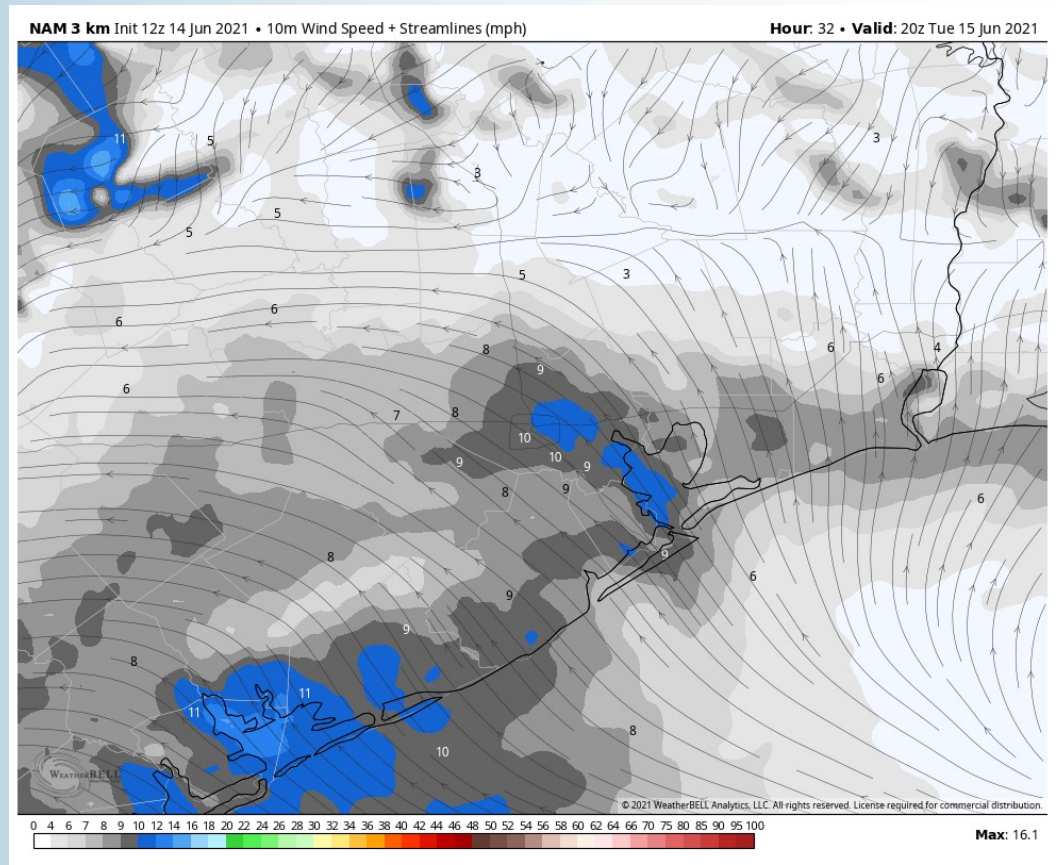
Simulated Radar Snapshot (4 PM CT)

High Temperatures TUE

Houston Pilots

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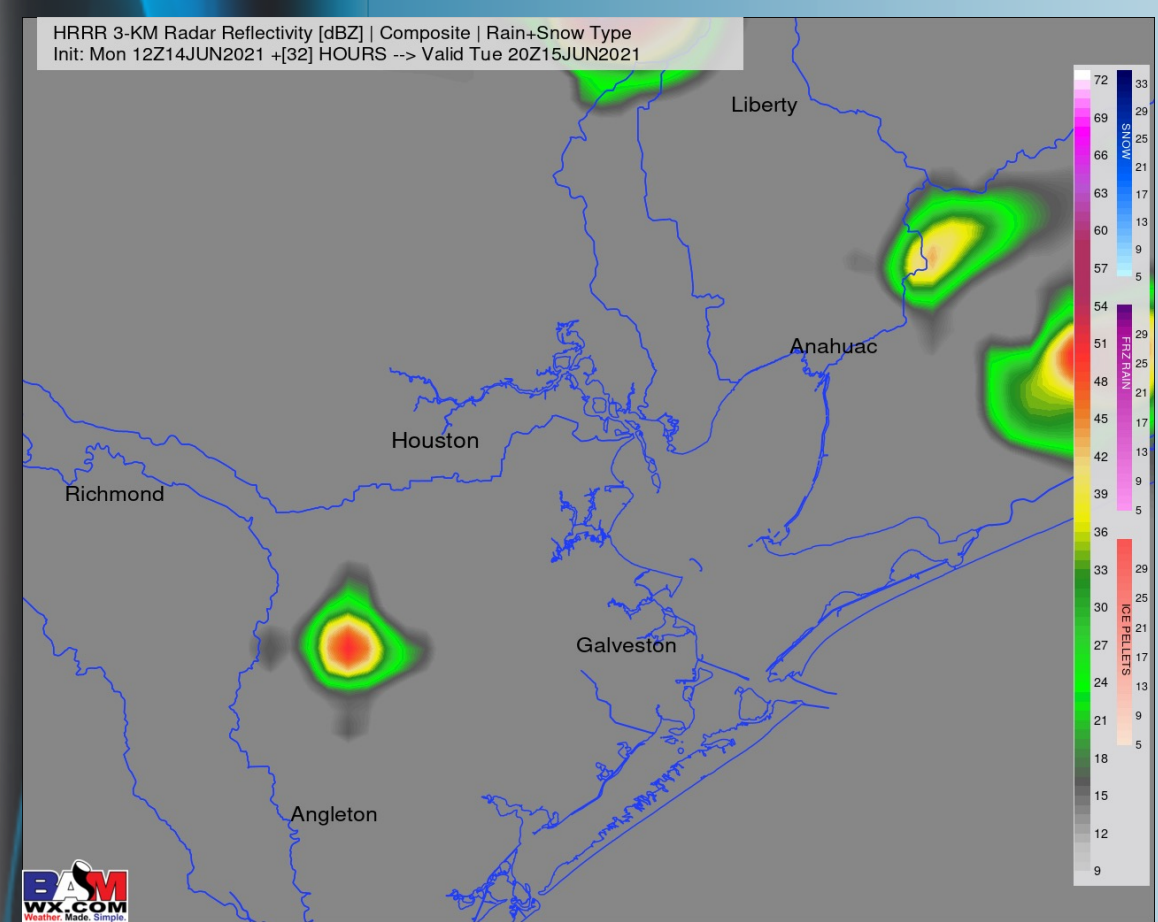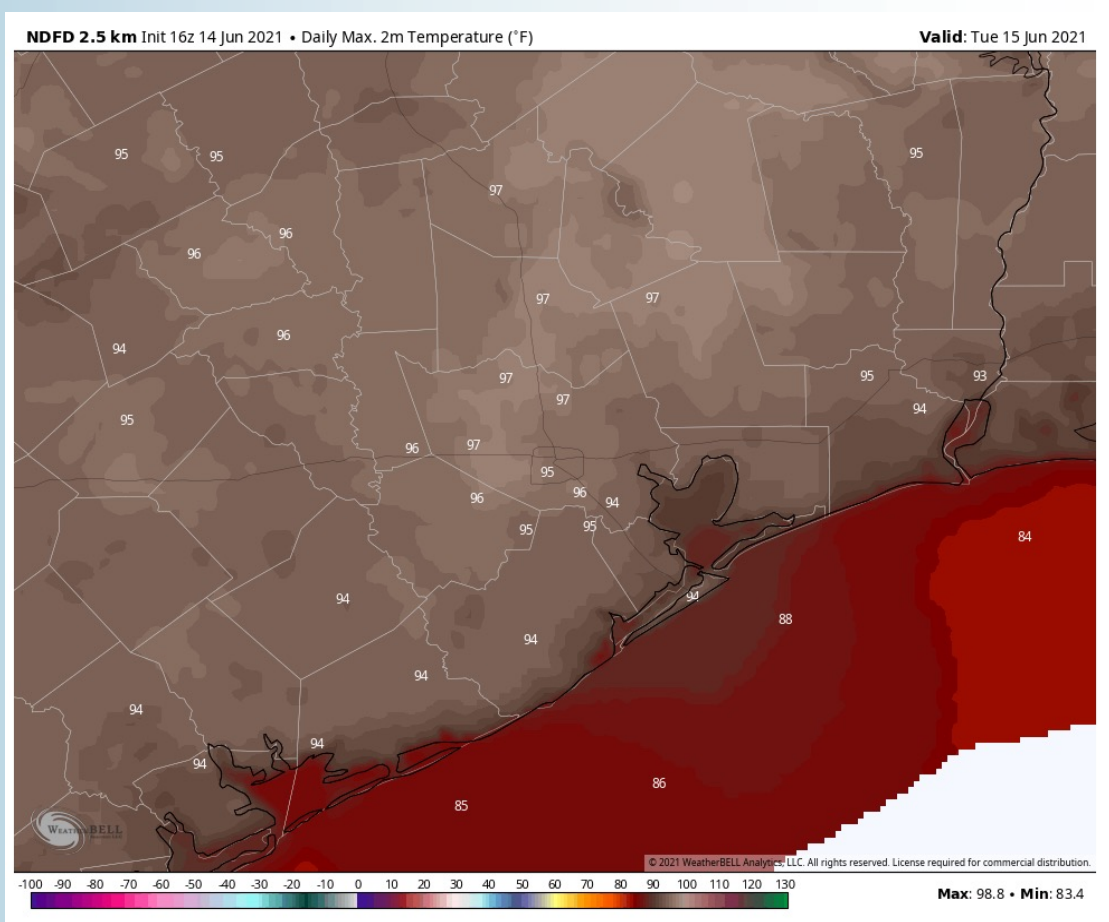
Short-Term Forecast Discussion

➤ Wednesday looks to have isolated chances in the afternoon hours with any activity likely waning down with the loss of daylight similar to Tuesday's. The way things have been trending, we'd favor lower end chances to mainly dry here once again.

➤ Winds on Wednesday morning look to start weakly out of the NE at 3-6 MPH sustained, shifting out of the SE into the PM hours at a similar speed, possibly at times up to 4-8 MPH sustained.

➤ Temperatures on WED look to get into the upper 80's F to lower 90's F over open waters.
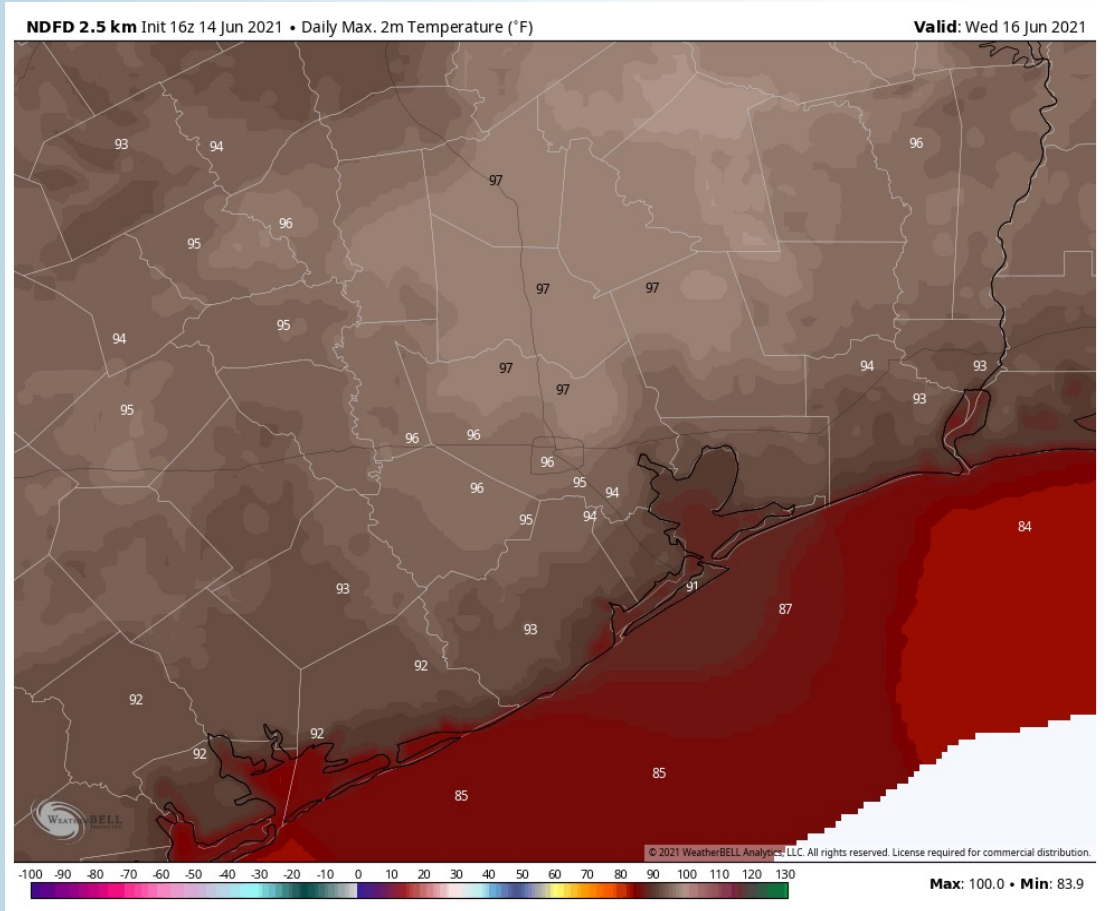
➤ *No fog anticipated Wednesday.*

Sustained Winds (4 PM CT)

NAM 3 km Init 12z Jun 2021 • 10m Wind Speed + Streamlines (mph)   Hour: 56 • Valid: 20z Wed 16 Jun 2021

Max: 11.2

Simulated Radar Snapshot (5 PM CT)

NAM 3 km Init 12z 14 Jun 2021 • Composite Reflectivity (dBZ)   Hour: 57 • Valid: 21z Wed 16 Jun 2021

Max: 58.4

High Temperatures WED

NDFD 2.5 km Init 16z 14 Jun 2021 • Daily Max. 2m Temperature (°F)   Valid: Wed 16 Jun 2021

Max: 100.0 • Min: 83.9

Houston Pilots

BAMWX.COM
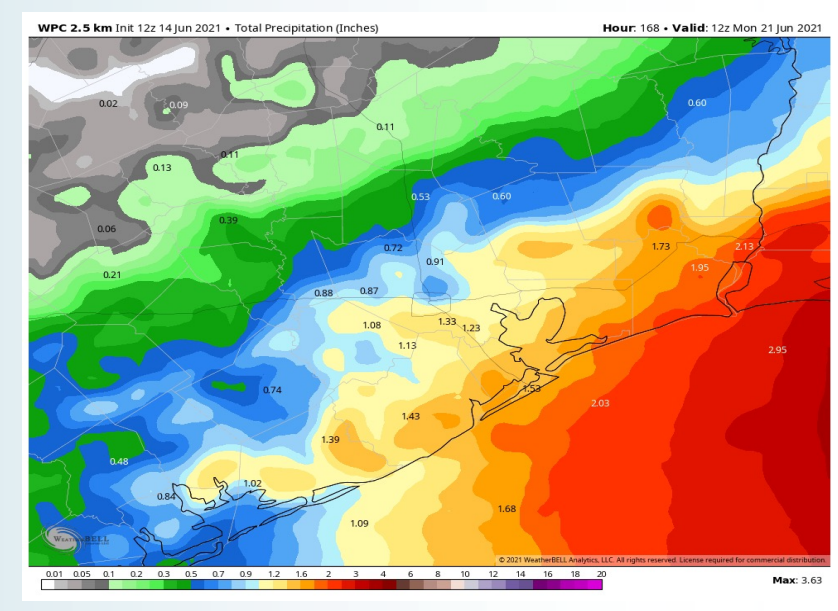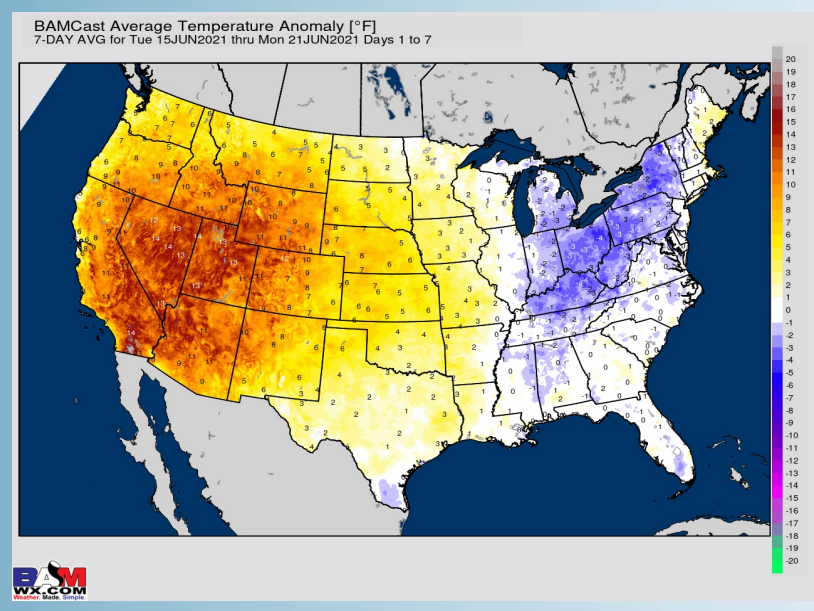Weather. Made. Simple.
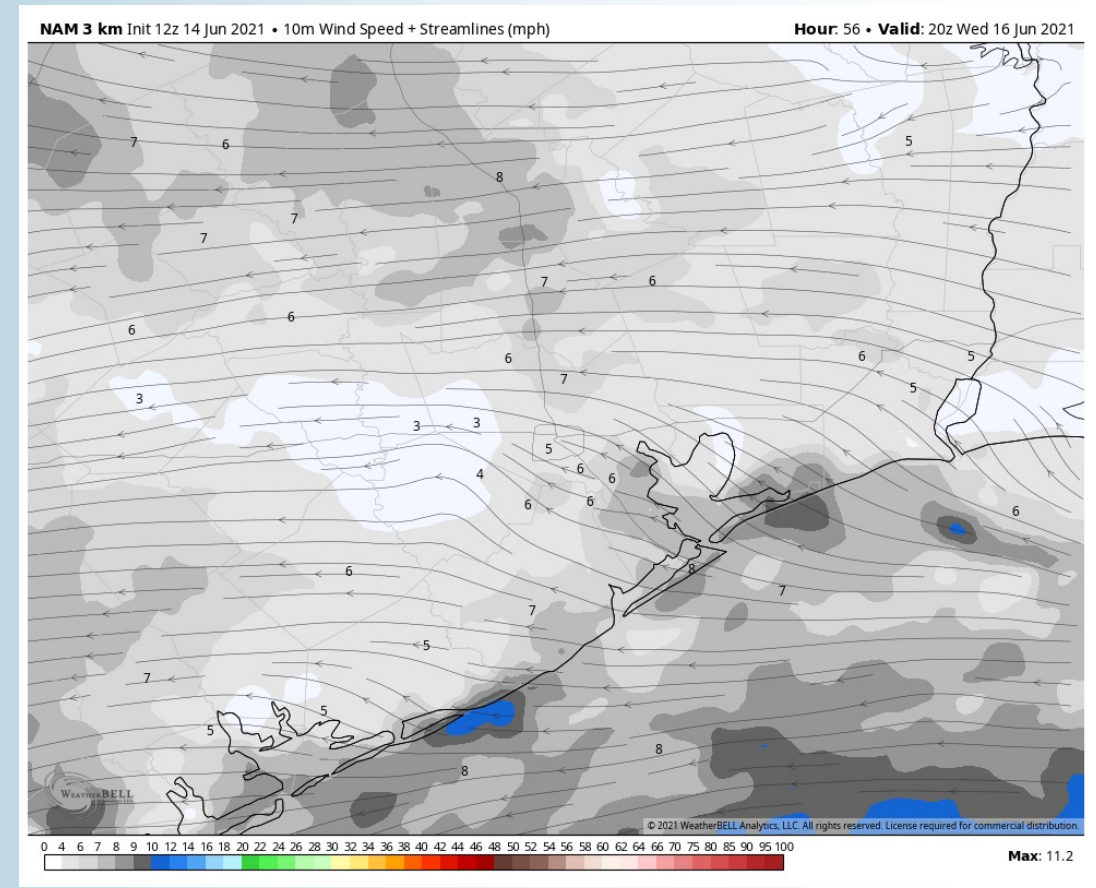
Long-Range Forecast Discussion

- 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.
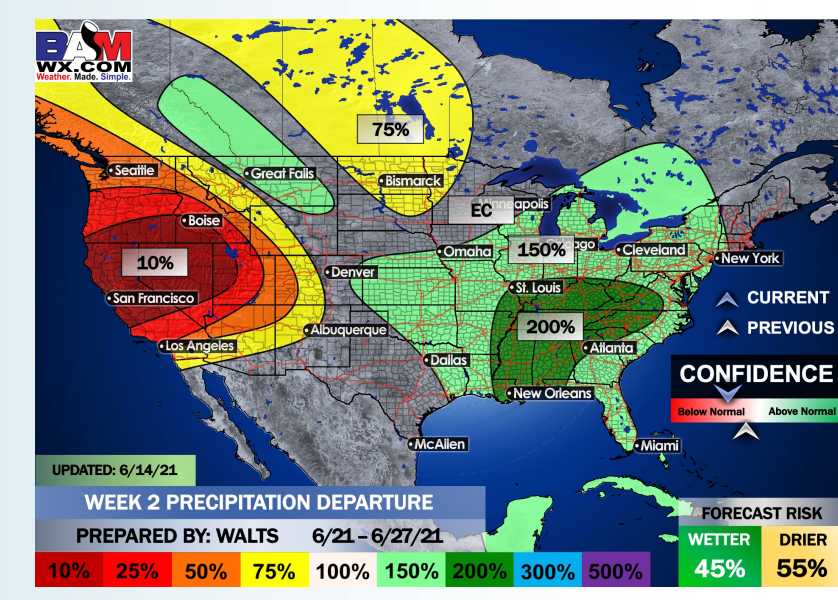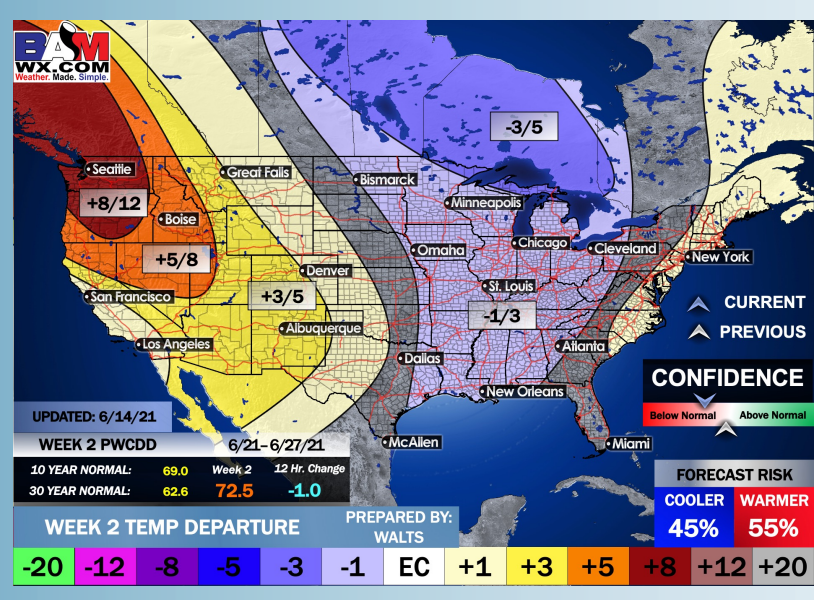
- Week 2 is anticipated to be an active stretch of weather for HOU with temperatures running slightly below normal. The beginning of the period may see influence of added tropical moisture from the aforementioned system.

- 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

BAMCast Average Temperature Anomaly [°F]
7-DAY AVG for Tue 15JUN2021 thru Mon 21JUN2021 Days 1 to 7

WPC 2.5 km Init 12z 14 Jun 2021 • Total Precipitation (Inches)   Hour: 168 • Valid: 12z Mon 21 Jun 2021
Max: 3.63

Week 2 Forecast

WEEK 2 TEMP DEPARTURE   PREPARED BY: WALTS
UPDATED: 6/14/21
WEEK 2 PWCDD   6/21-6/27/21
10 YEAR NORMAL: 69.0   Week 2: 62.6   12 Hr. Change
30 YEAR NORMAL: 62.6   72.5   -1.0
FORECAST RISK   COOLER 45%   WARMER 55%
-20 -12 -8 -5 -3 -1 EC +1 +3 +5 +8 +12 +20

WEEK 2 PRECIPITATION DEPARTURE   PREPARED BY: WALTS   6/21 - 6/27/21
UPDATED: 6/14/21
FORECAST RISK   WETTER 45%   DRIER 55%
10% 25% 50% 75% 100% 150% 200% 300% 500%

Weeks 3/4 Forecast

WEEK'S 3/4 TEMP OUTLOOK   PREPARED BY: WALTS
UPDATED: 6/11/21
WEEK 3/4 PWCDD   6/25 - 7/8/2021
10 YEAR NORMAL: 149   WEEK 3/4: 170   2020: 162
30 YEAR NORMAL: 138
FORECAST RISK   COOLER 50%   WARMER 50%
E/BN M/BN BN EC AN M/AN E/AN

WEEK'S ¾ PRECIP OUTLOOK   PREPARED BY: WALTS   6/25 - 7/8/21
UPDATED: 6/11/21
FORECAST RISK   WETTER 55%   DRIER 45%
E/BN M/BN BN EC AN M/AN E/AN