

Updated: 5:00 AM CT, Monday, August 2, 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

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 00Z02AUG2021 --> UNTIL 00Z12AUG2021

o-o ENSEMBLE MEAN

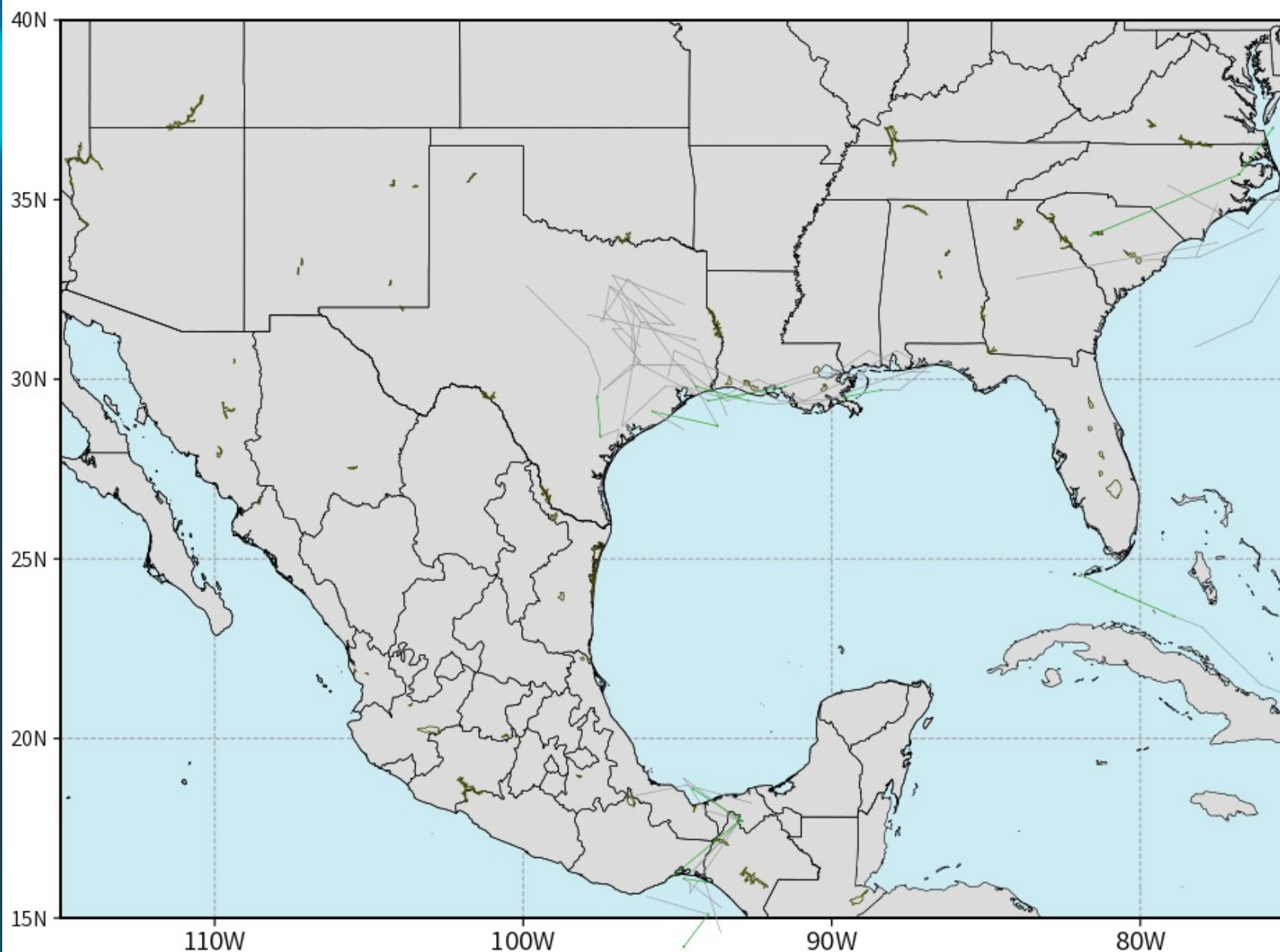
o-o 1000 - 1010 hPa

o-o 980 - 999 hPa

o-o 960 - 979 hPa

o-o 950 - 959 hPa

o-o < 950 hPa



weathermodels.com

Tropical activity in the Gulf of Mexico is not anticipated in the next 7-10 days.



Visibility Report

Monday, August 2, 2021

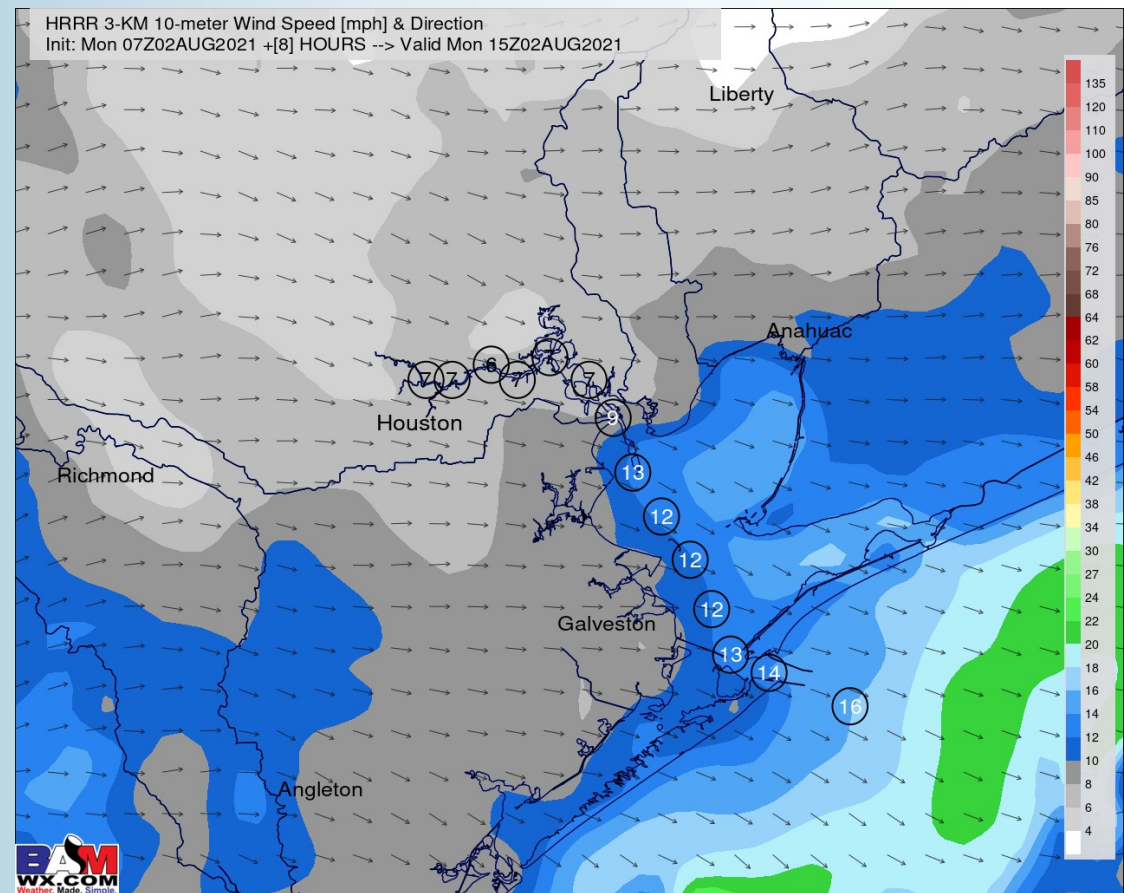
HOURLY VISIBILITY BREAKDOWN (in miles)

Time	08-02-2021 Mon 3am	08-02-2021 Mon 4am	08-02-2021 Mon 5am	08-02-2021 Mon 6am	08-02-2021 Mon 7am	08-02-2021 Mon 8am	08-02-2021 Mon 9am	08-02-2021 Mon 10am	08-02-2021 Mon 11am	08-02-2021 Mon 12pm	08-02-2021 Mon 1pm	08-02-2021 Mon 2pm	08-02-2021 Mon 3pm	08-02-2021 Mon 4pm	08-02-2021 Mon 5pm	08-02-2021 Mon 6pm	08-02-2021 Mon 7pm	08-02-2021 Mon 8pm	08-02-2021 Mon 9pm	08-02-2021 Mon 10pm	08-02-2021 Mon 11pm	08-03-2021 Tue 12am	08-03-2021 Tue 1am	08-03-2021 Tue 2am	08-03-2021 Tue 3am	08-03-2021 Tue 4am	08-03-2021 Tue 5am	08-03-2021 Tue 6am	08-03-2021 Tue 7am	08-03-2021 Tue 8am	08-03-2021 Tue 9am	08-03-2021 Tue 10am	08-03-2021 Tue 11am	08-03-2021 Tue 12pm	08-03-2021 Tue 1pm	08-03-2021 Tue 2pm
Houston Pilots N - 610 Bridge	9.279	8.727	8.473	8.181	8.022	7.766	8.846	9.987	10.00	10.00	10.00	1.635	0.676	5.603	2.701	8.068	6.625	2.994	1.866	6.051	7.172	7.354	7.682	8.198	7.973	7.901	7.826	6.917	5.821	5.509	6.622	6.668	7.407	7.901	7.762	7.163
Houston Pilots M - Kinder 1	9.071	8.727	8.473	8.326	8.022	7.766	8.846	9.987	10.00	10.00	10.00	1.635	0.558	3.624	2.701	8.068	7.849	2.994	1.534	6.051	8.542	7.354	7.682	7.499	7.976	7.901	7.826	7.838	5.821	5.509	6.622	6.455	7.178	7.901	9.980	7.163
Houston Pilots L - Greens Bayou	8.815	8.627	8.589	8.350	8.031	7.766	8.790	9.987	10.00	10.00	10.00	1.635	0.376	3.624	1.009	3.921	7.849	2.994	1.534	4.807	8.163	5.390	7.680	7.499	7.963	7.901	7.769	7.777	7.708	5.509	6.156	6.455	7.178	10.00	10.00	7.163
Houston Pilots K - Shell Crude	8.815	8.476	8.474	8.274	8.053	7.766	8.507	9.894	10.00	10.00	10.00	2.112	0.376	3.624	1.009	8.068	7.849	2.994	1.534	5.424	7.160	4.435	7.486	7.499	8.115	7.914	7.812	7.687	7.374	5.509	6.156	6.455	7.178	10.00	10.00	9.944
Houston Pilots J - Lynchburg Ferries	8.815	8.390	8.361	8.296	7.714	7.829	8.481	9.748	10.00	10.00	10.00	8.338	0.376	2.768	1.009	7.657	6.490	5.868	1.534	4.807	6.887	4.435	7.486	7.499	7.963	7.816	6.561	7.646	6.695	5.339	6.156	6.455	7.178	10.00	10.00	10.00
Houston Pilots I - Exxon 3	8.815	8.390	8.290	8.240	7.714	7.799	8.481	9.726	10.00	10.00	10.00	8.338	0.376	2.768	1.009	9.473	6.490	6.516	1.534	5.153	5.233	4.435	7.486	7.499	8.052	7.802	7.784	7.646	6.695	5.339	6.156	4.893	7.178	9.861	9.078	8.002
Houston Pilots H - Morgans Point	8.815	8.390	8.290	8.240	7.714	7.767	8.481	9.726	10.00	10.00	10.00	9.321	0.376	2.157	1.009	9.713	6.058	6.472	1.534	5.153	4.932	4.435	7.486	7.499	6.443	7.802	7.873	7.646	6.695	5.339	6.156	4.893	7.178	8.504	8.439	7.188
Houston Pilots G - 75/76	9.010	8.435	8.453	8.274	8.091	7.788	8.481	9.788	9.039	10.00	10.00	9.321	0.408	2.157	1.009	5.240	5.474	4.976	3.919	5.153	4.932	4.017	7.049	6.606	4.904	7.328	8.045	7.764	7.277	5.339	6.156	4.893	6.961	7.877	6.561	7.188
Houston Pilots F - 63/64	9.010	8.965	8.544	8.248	8.084	7.980	8.485	9.871	8.510	10.00	10.00	8.759	1.315	2.360	4.165	5.240	2.852	4.976	6.446	7.475	4.932	4.017	6.391	6.809	5.067	7.328	8.368	8.633	7.346	6.981	6.735	4.893	8.015	6.545	6.561	7.159
Houston Pilots E - 51/52	9.010	8.965	8.544	8.248	8.165	8.462	8.485	9.564	8.510	10.00	10.00	8.759	1.315	2.360	4.165	4.840	2.852	6.568	6.446	7.475	5.313	4.017	5.892	8.284	6.037	7.328	7.672	8.633	6.607	6.981	6.735	4.538	8.609	6.545	5.880	7.667
Houston Pilots D - 37/38	9.010	8.965	8.544	8.248	8.165	8.552	7.388	9.564	8.510	9.695	10.00	8.759	1.315	1.416	8.156	4.840	2.852	7.895	7.225	7.708	6.188	4.780	5.892	8.284	4.989	5.406	6.909	8.176	6.607	6.237	6.735	4.538	8.562	6.545	5.880	7.667
Houston Pilots C - 25/26	9.213	9.138	8.718	8.512	8.241	8.570	7.388	9.564	8.482	9.105	8.607	5.880	1.689	1.416	10.00	4.840	2.852	8.026	7.704	7.708	7.049	6.661	6.037	8.533	4.989	4.518	6.909	8.176	6.607	6.237	6.996	6.671	7.666	5.721	5.880	7.437
Houston Pilots B - 11/12	9.329	9.478	9.129	8.969	8.656	8.570	7.388	9.564	8.482	8.852	10.00	5.880	3.960	1.416	10.00	4.840	8.146	8.026	7.704	8.657	7.742	6.909	5.446	9.023	6.367	4.518	6.909	8.176	6.607	6.237	6.996	6.671	6.936	5.292	5.627	7.238
Houston Pilots A - 1 & 2 Bravo	10.00	10.00	10.00	9.725	9.764	9.685	8.085	8.464	9.328	8.852	8.691	5.880	4.511	2.507	10.00	7.316	10.00	8.000	8.854	9.808	7.742	6.909	5.112	7.165	6.148	4.518	5.280	7.541	7.326	6.237	7.570	6.671	5.852	5.292	5.569	5.709

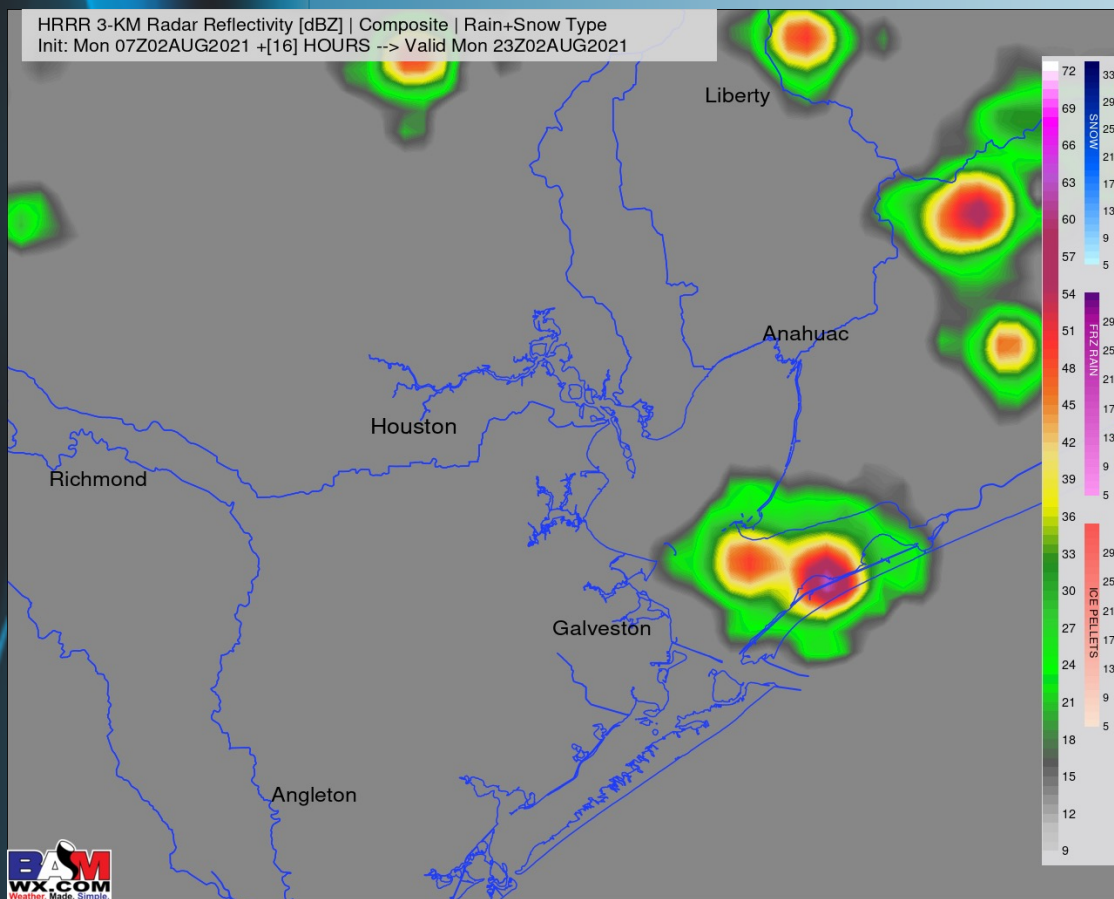
Short-Term Forecast Discussion

- A few spotty showers/ storms will be possible Monday morning, especially from 7 AM – 11 AM especially to the north of the Houston Metro area. In behind this morning activity, we will likely see a lull of activity with low chances into the early afternoon hours. Will need to watch close to 6 PM for a better hit or miss storm threat to develop, however, some data holds off on this into the late evening. We'd look at the most likely timeframe to be 7PM – 12AM CT.
- Winds this morning look to be out of the W/NW at 10-15 MPH over water with gusts to 20 MPG. Into the afternoon/ evening, winds are anticipated to shift back out of the SW. Winds will likely be around 8 – 13 MPH sustained in the afternoon with gust around 15 – 18 MPH. Stronger wind gusts will be possible under storms.
- Monday will feature highs in the low to mid 90s for most locations.
 - *Currently not favoring fog for Monday.*

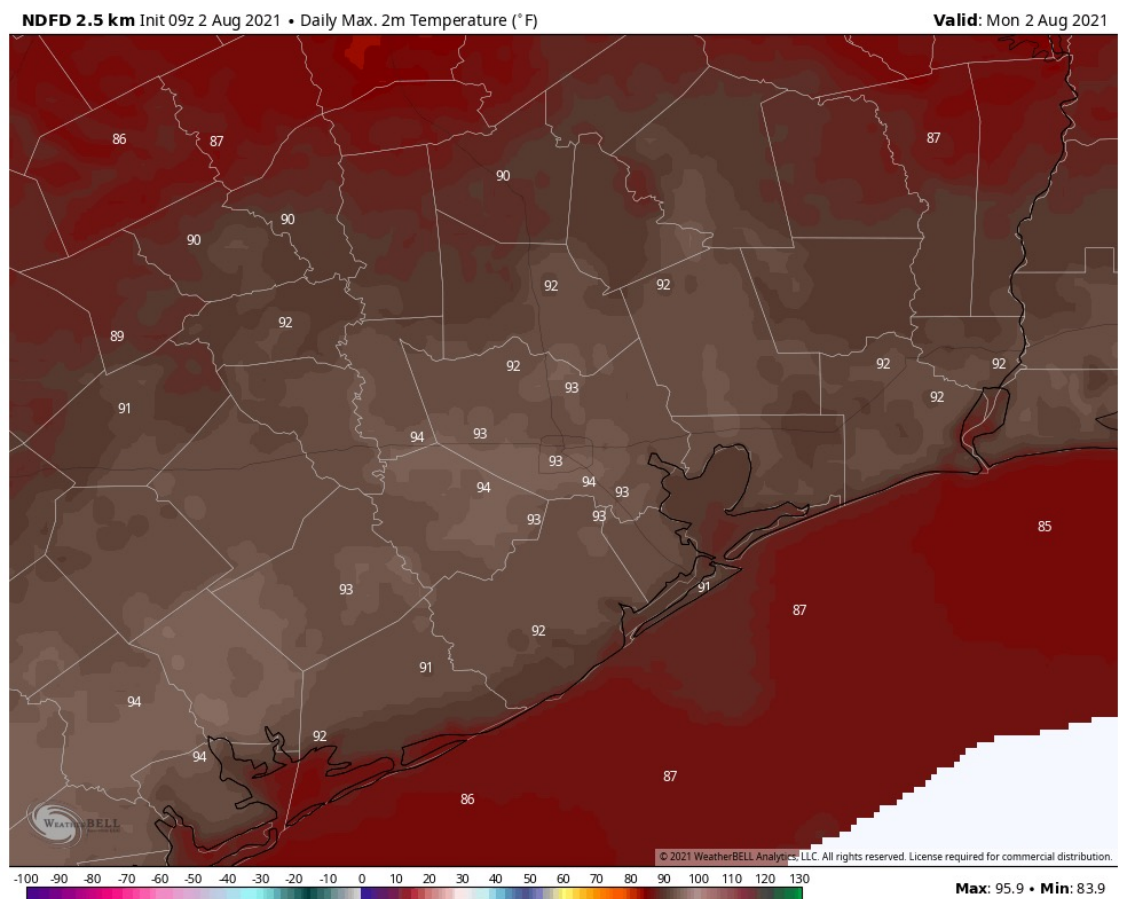
Sustained Winds (10 AM CT)



Simulated Radar Snapshot (7 PM CT)



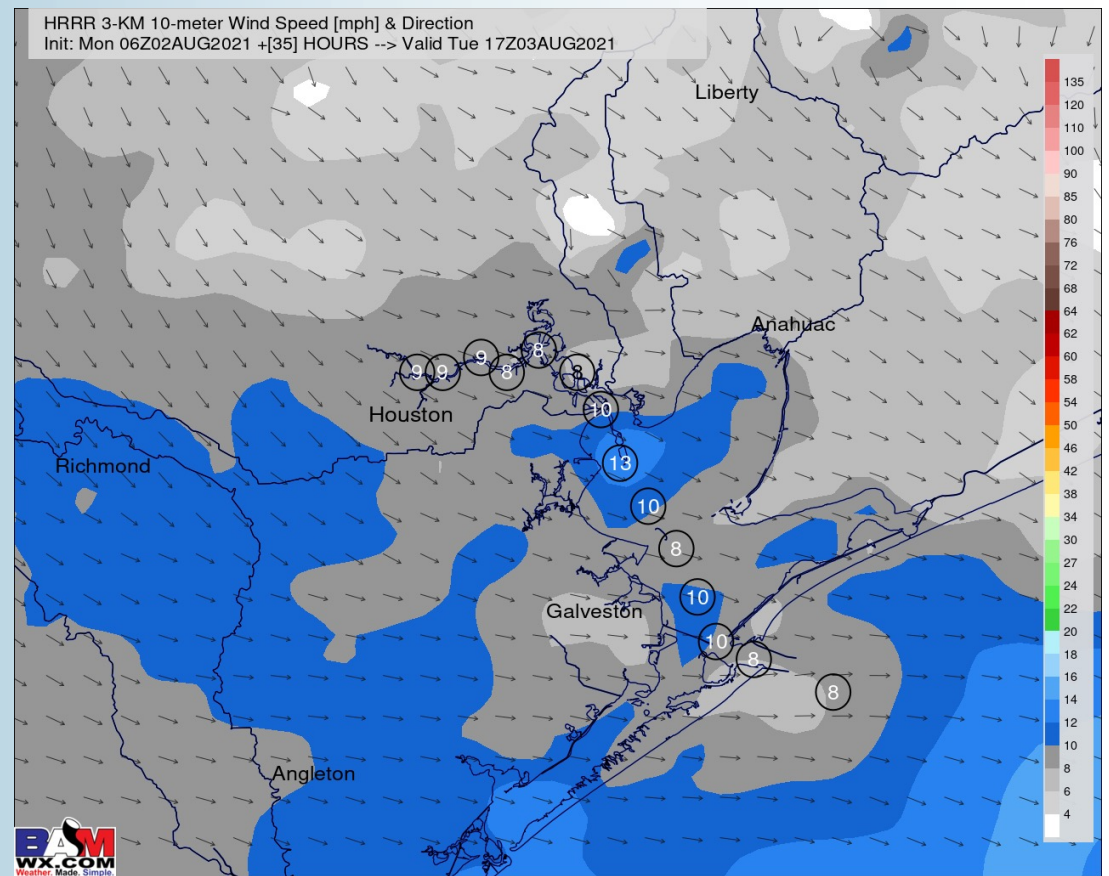
High Temperatures Monday



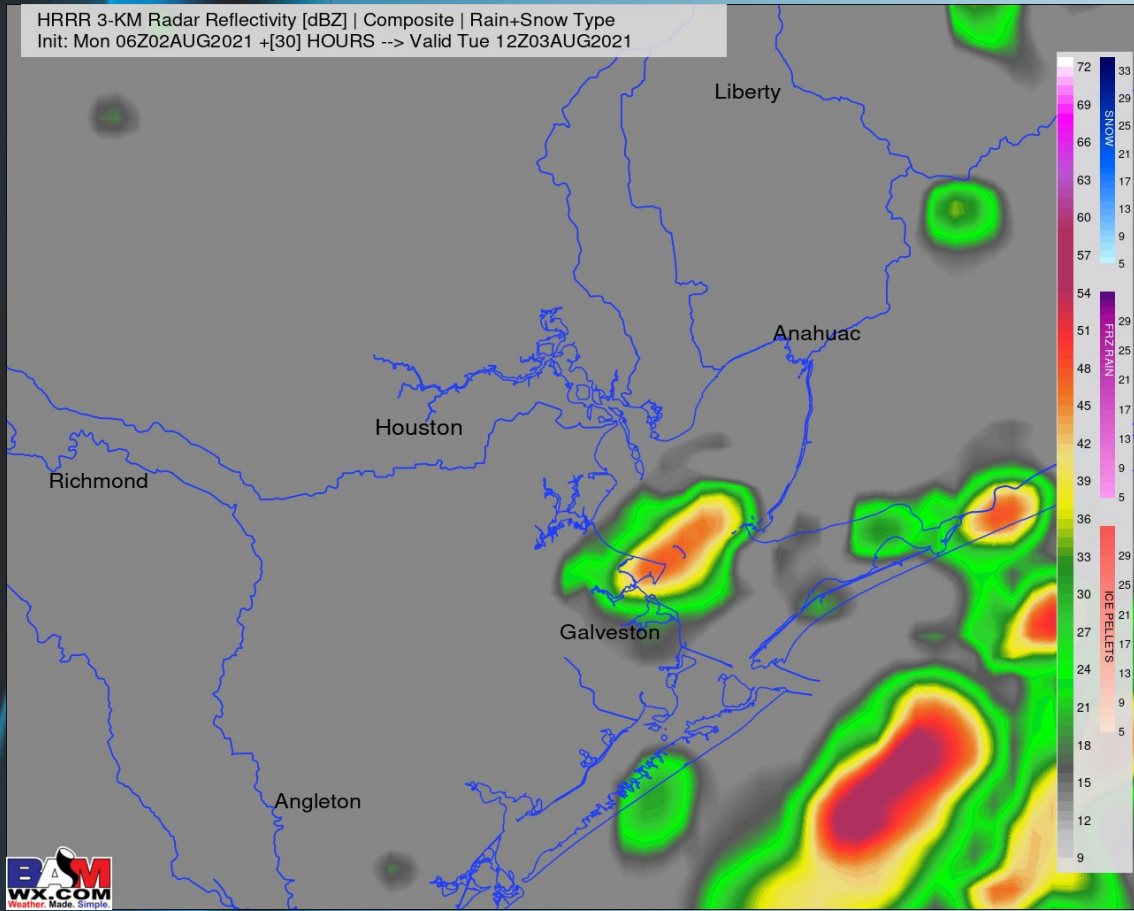
Short-Term Forecast Discussion

- Regardless of the exact timing of a frontal boundary late Monday into Tuesday morning, it is expected that scattered showers/thunderstorms will be around the area through TUE morning. Spotty showers will continue to be possible into the afternoon as well.
- Once the front works through the area in the AM hours, expecting winds to stay lighter and generally come out of the NW at 5-10 MPH, a few gusts to 15 MPH possible.
- Tuesday will be one of the cooler days with temps into the upper 80's over open waters.
- *No fog is favored for Tuesday.*

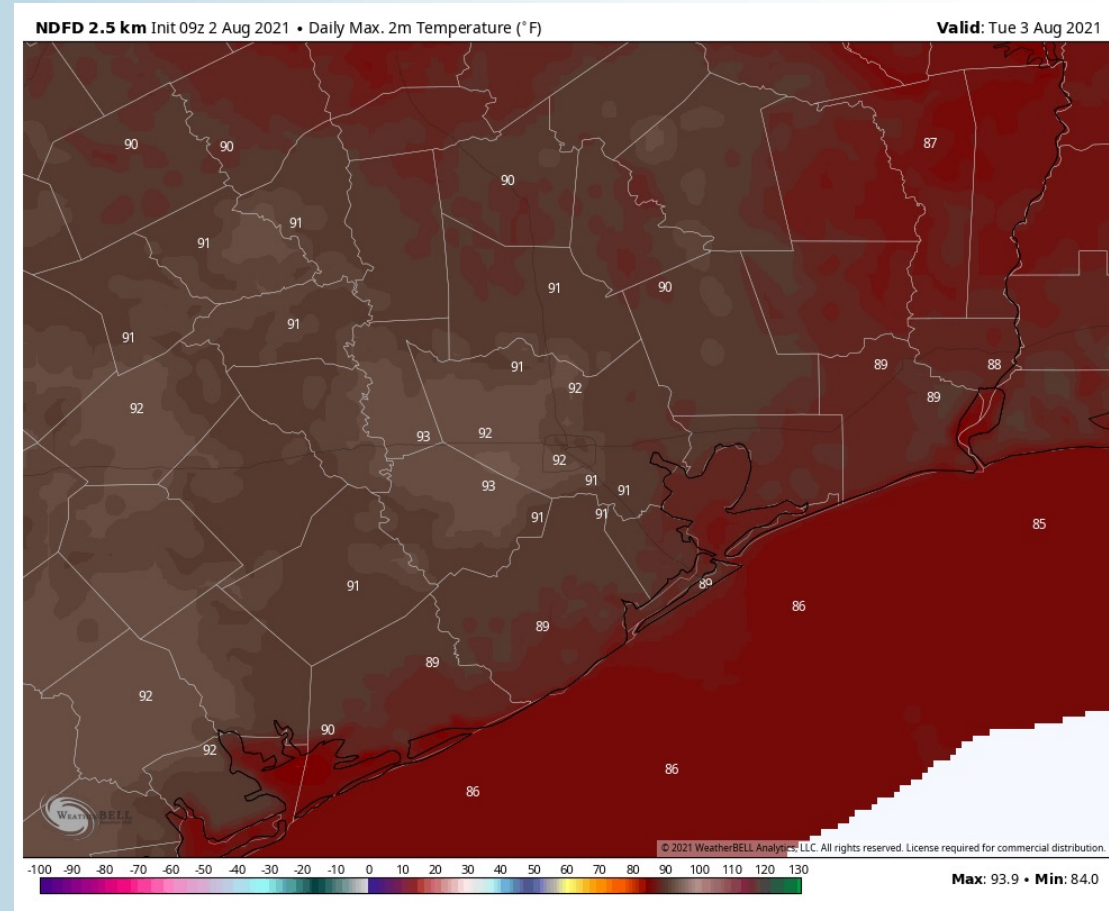
Sustained Winds (9 AM CT)



Simulated Radar Snapshot (7 AM CT)



High Temps Tuesday

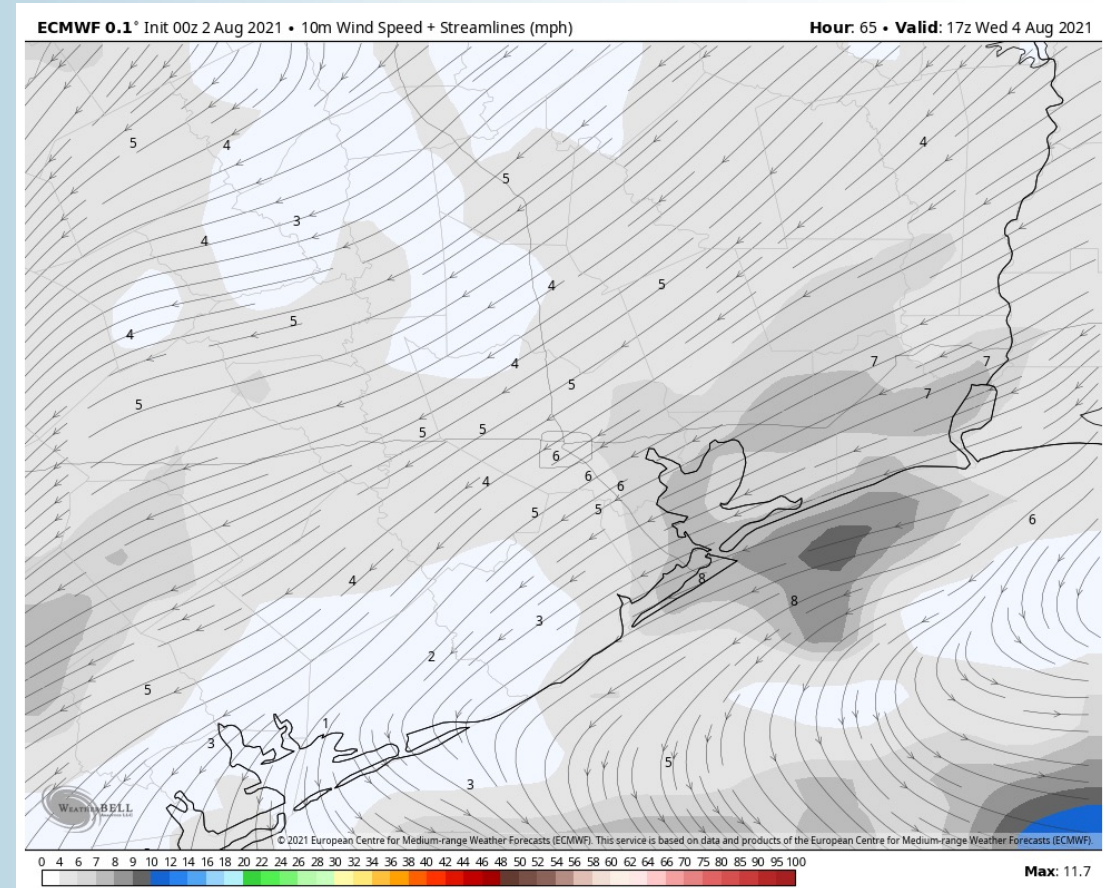


Short-Term Forecast Discussion

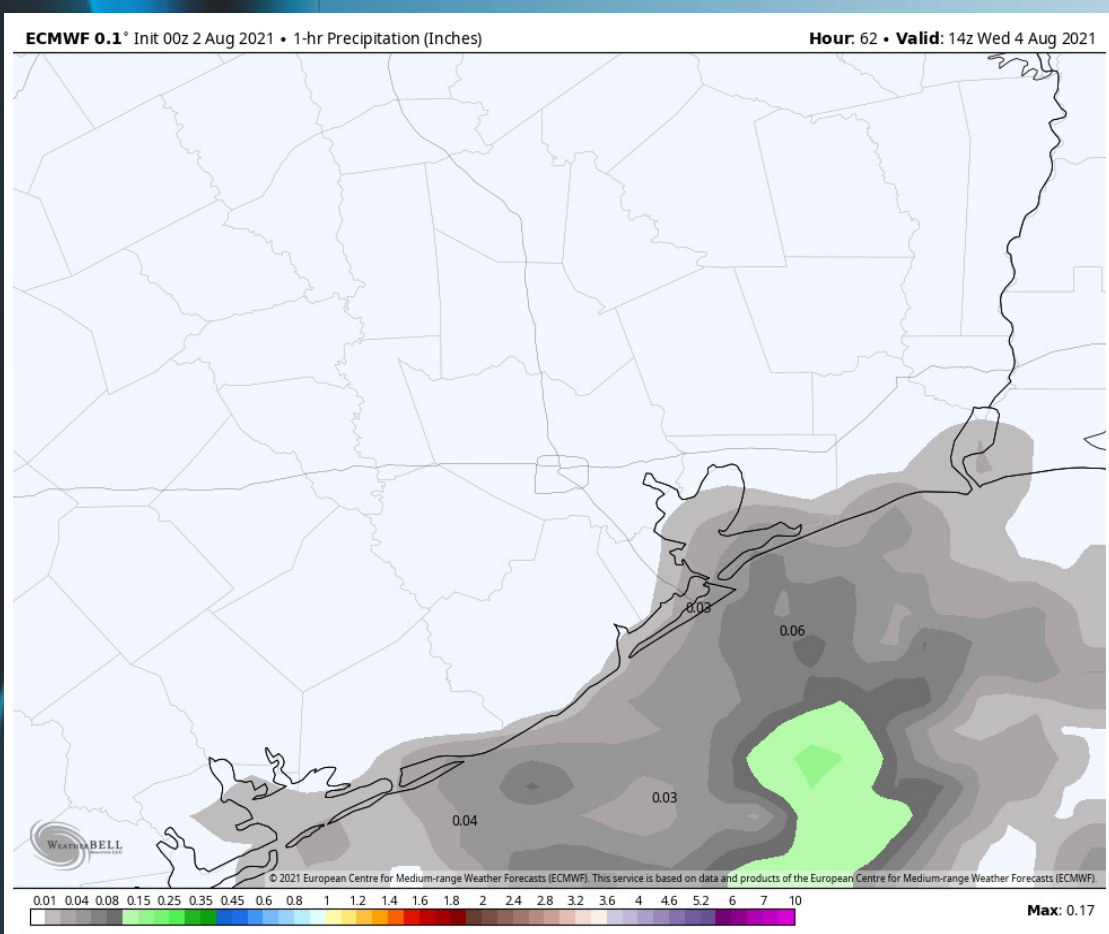
- The boundary from Monday/Tuesday will linger around offshore on Wednesday. Generally, this will favor the bulk of the activity to remain out to sea, but a few scattered showers/storms in the AM can't 100% be ruled out especially over the Boarding Station.
- Chances will decrease throughout the afternoon hours. Winds will generally be light at 5-10 MPH, weakening a bit throughout the day. Wind gusts to 15 MPH, locally higher in a storm.
- Temperatures will be in the low-90s inland with upper-80s over open water.
- *No fog anticipated today.*

Wednesday, August 4th, 2021

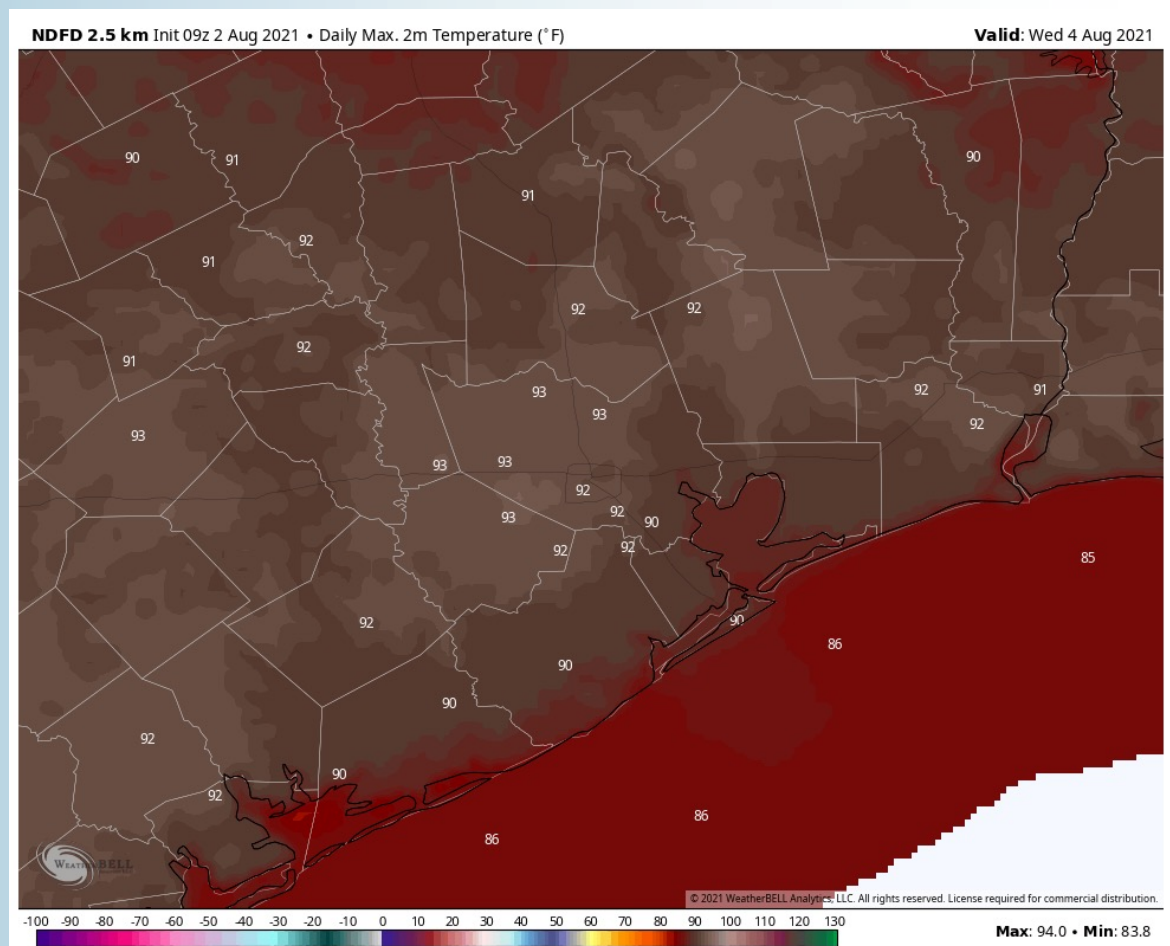
Sustained Winds (12 PM CT)



Simulated Radar Snapshot (9 AM CT)



High Temperatures Today

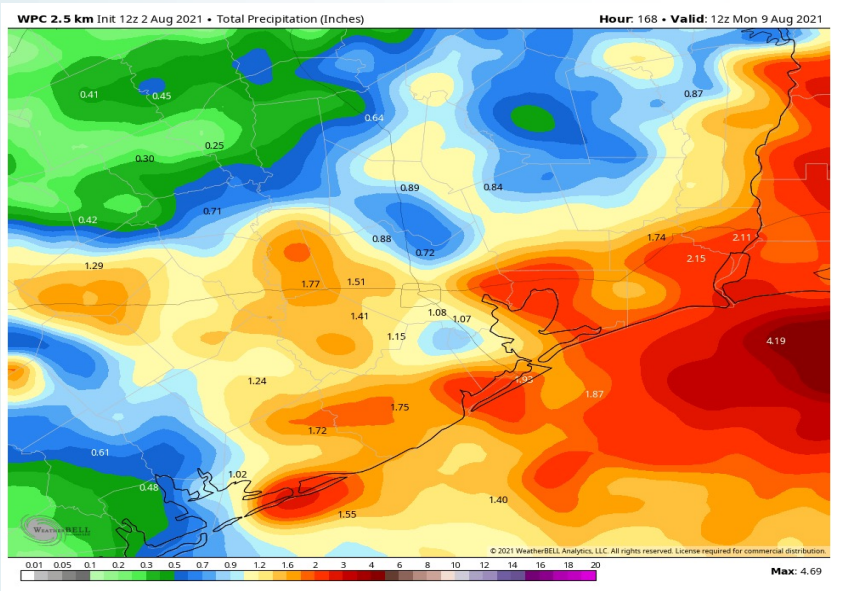
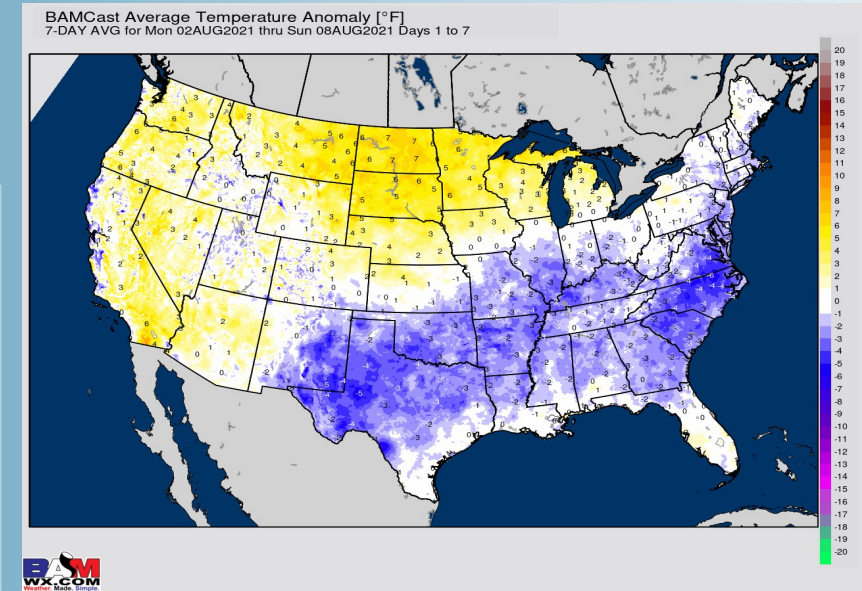




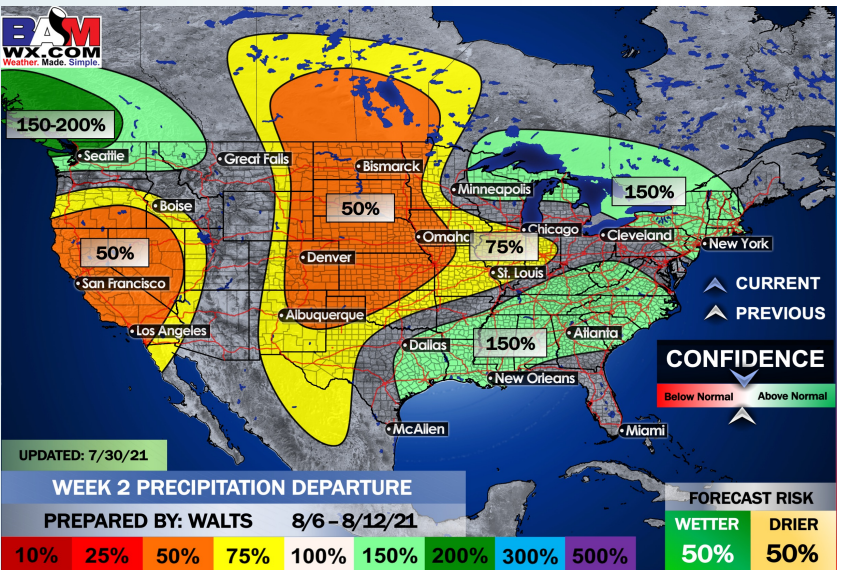
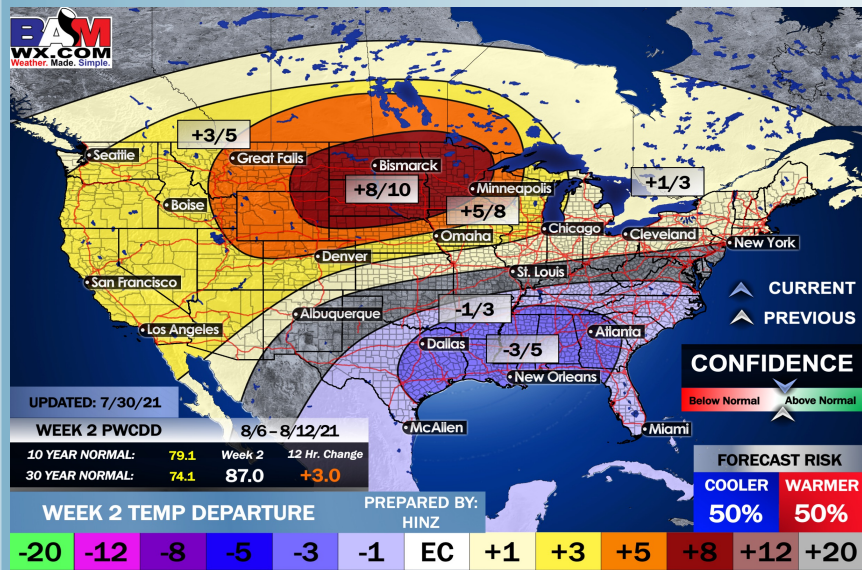
Long-Range Forecast Discussion

- Chances for precipitation will be on the increase, especially MON – WED as a frontal boundary slowly meanders around the area. However daily chances continue to extend into next weekend. Temperatures look to run at/ below normal.
- The pattern begins to pick up into week 2 with below average risks and above average precipitation as we get a better flow from the Gulf.
- Heading later into August, we still favor overall more of a pattern suited for below average temps and above average precipitation. This is the time period where we would anticipate an increase in tropical activity across the Atlantic.

Week 1 Forecast



Week 2 Forecast



Weeks 3/4 Forecast

