



Updated: 4:30 AM 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.



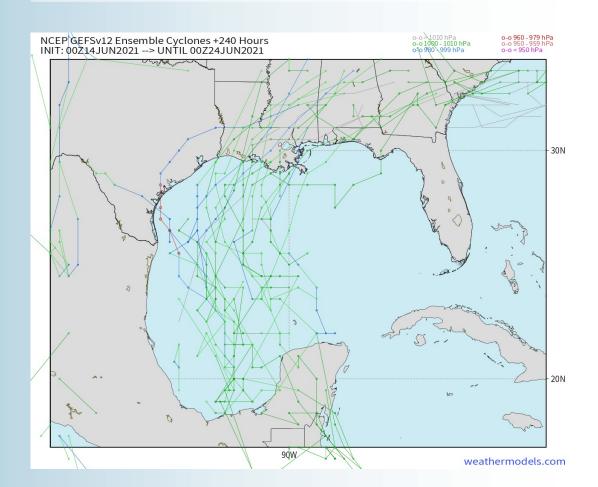


Tropical Update:

Euro Ensemble Tracks (Next 10-days):

ECMWF GULF EPS Cyclone Locations --> Next [10-days] o-o ENSEMBLE MEAN o-0 900 - 979 hPa o-0 990 - 999 hPa o-0 990 hPa o-0 990 - 999 hPa o-0 990 hPa o-0 990 - 999 hPa o-0 990 hPa o-0 990 - 990 hPa o-0 990 hPa o-

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 mostly 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 outs, with shifts one way or the other still possible. We will continue to monitor the situation.





Visibility Report

Monday, June 14, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

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Time	06-14- 2021 Mon 3am	06-14- 2021 Mon 4am	06-14- 2021 Mon 5am	06-14- 2021 Mon 6am		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	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
Houston Pilots N - 610 Bridge	10.00	10.00	9.361	6.534	6.509	7.953	9.206	10.00	10.00	6.097	5.379	3.976	0.560	3.949	5.102	1.879	6.504	9.098	10.00	10.00	10.00	9.717	9.246	9.148	7.153	6.540	6.479	6.594	6.149	7.084	10.00	10.00	10.00	10.00	5.531	6.100
Houston Pilots M - Kinder 1	10.00	10.00	9.692	6.534	6.781	7.953	9.206	10.00	10.00	6.097	6.224	3.243	0.601	3.949	5.102	1.879	6.559	10.00	10.00	10.00	10.00	9.504	8.974	8.719	8.621	6.933	6.479	6.594	6.149	7.084	10.00	10.00	10.00	10.00	5.531	6.100
Houston Pilots L - Greens Bayou	9.759	9.598	9.430	7.517	5.799	7.953	9.206	10.00	10.00	6.097	8.043	3.243	0.749	3.949	5.014	1.879	4.955	10.00	10.00	10.00	10.00	9.275	8.824	8.480	8.555	6.933	6.479	6.594	6.149	7.084	10.00	10.00	10.00	10.00	7.867	6.100
Houston Pilots K - Shell Crude	9.657	9.366	9.406	9.216	7.828	7.953	9.206	10.00	10.00	10.00	8.043	3.243	0.749	7.469	5.981	1.879	9.935	10.00	10.00	10.00	9.760	8.967	8.612	8.319	8.021	6.933	6.479	6.594	6.149	7.084	10.00	10.00	10.00	10.00	5.218	6.100
Houston Pilots J - Lynchburg Ferries	9.557	9.296	9.201	9.188	6.591	7.953	9.520	10.00	10.00	10.00	10.00	3.243	0.749	7.477	6.570	1.879	10.00	10.00	10.00	9.863	9.398	8.751	8.341	8.319	6.738	6.933	7.332	6.594	6.573	7.393	9.938	10.00	10.00	10.00	5.218	8.590
Houston Pilots I - Exxon 3	9.557	9.237	9.100	8.974	6.591	7.641	10.00	10.00	10.00	10.00	10.00	3.243	0.866	7.477	2.644	3.739	10.00	10.00	10.00	9.500	9.282	8.751	8.341	8.319	6.658	6.933	7.332	7.226	6.573	7.393	10.00	10.00	10.00	10.00	5.218	8.590
Houston Pilots H - Morgans Point	9.557	9.237	9.100	8.974	6.591	7.545	8.269	10.00	10.00	10.00	6.823	3.243	1.076	7.477	2.644	3.739	10.00	10.00	10.00	9.500	9.282	8.751	8.341	8.345	6.658	6.933	7.332	7.219	6.573	7.393	10.00	10.00	10.00	10.00	5.218	9.094
Houston Pilots G - 75/76	9.557	9.306	9.192	9.147	6.591	7.545	8.049	9.546	10.00	10.00	9.603	3.612	2.001	7.477	2.644	3.739	9.161	10.00	10.00	9.805	9.406	8.803	8.663	8.600	6.658	6.944	8.464	7.506	5.757	6.883	9.637	10.00	10.00	10.00	5.218	2.208
Houston Pilots F - 63/64	9.556	9.296	8.838	8.721	8.558	7.545	7.835	9.546	10.00	10.00	9.603	6.672	8.588	8.059	8.485	10.00	9.161	10.00	10.00	9.805	9.902	9.476	9.277	8.967	7.633	7.853	8.806	8.913	7.032	7.823	9.637	10.00	9.155	10.00	8.985	2.208
Houston Pilots E - 51/52	9.556	9.197	8.755	8.507	8.435	7.545	7.835	9.546	10.00	10.00	10.00	7.969	8.239	8.059	8.485	10.00	9.857	10.00	10.00	9.805	9.902	9.476	9.277	8.999	7.301	7.635	8.780	8.878	8.477	8.984	10.00	10.00	9.155	10.00	8.985	2.208
Houston Pilots D - 37/38	9.520	9.197	8.749	8.459	8.342	8.050	7.835	9.715	10.00	10.00	10.00	6.934	6.401	5.379	10.00	10.00	10.00	9.471	9.906	9.805	9.902	9.476	9.277	8.999	6.993	7.635	8.497	8.598	8.477	8.984	10.00	10.00	9.155	10.00	10.00	2.208
Houston Pilots C - 25/26	9.520	9.197	8.755	8.507	8.435	9.449	7.835	10.00	10.00	10.00	10.00	10.00	6.401	5.379	10.00	9.404	9.868	8.492	9.568	10.00	10.00	9.825	9.626	9.155	6.993	7.635	8.427	8.688	8.571	9.112	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots B - 11/12	9.742	9.567	9.226	8.775	9.147	10.00	8.235	10.00	10.00	10.00	10.00	10.00	6.401	6.767	10.00	9.404	9.700	7.816	9.568	10.00	9.906	9.835	9.855	9.529	6.993	7.635	8.319	8.688	9.094	9.418	10.00	10.00	10.00	10.00	10.00	10.00
Houston Pilots A - 1 & 2 Bravo	10.00	10.00	10.00	7.161	9.440	10.00	10.00	7.654	9.906	10.00	10.00	6.187	6.401	7.488	10.00	9.853	9.542	7.816	9.608	10.00	9.788	9.601	9.855	9.845	6.993	9.233	8.319	8.818	9.251	9.418	10.00	10.00	10.00	10.00	10.00	10.00





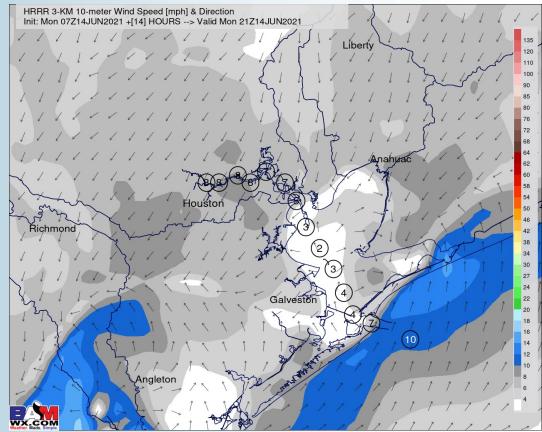
Monday, June 14th, 2021

Short-Term Forecast Discussion

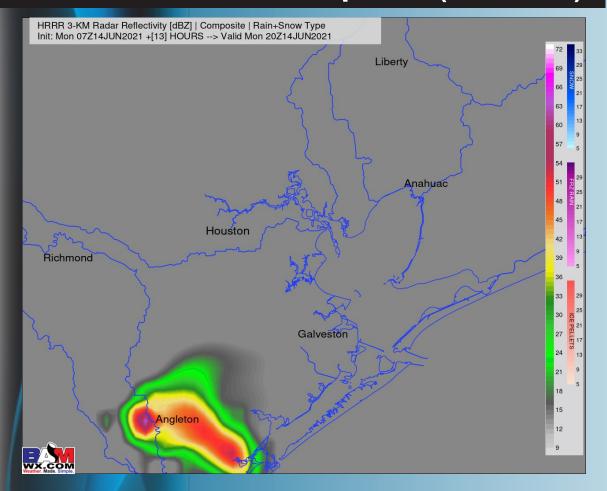
An isolated shower cannot be ruled out this AM. Data has progressively weakened much in terms of rainfall chances today across the Stations. An isolated shower/storm can't be ruled out into the mid-PM hours, however, anticipating a mostly dry day for us today.

- Winds shift more from the west into this morning then from the north into the early afternoon. A sea-breeze boundary around 4 − 5 PM will allow for the winds to shift back from the south into this evening. Winds are expected to be rather light, around 4 − 8 MPH. Gusts 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 tonight.

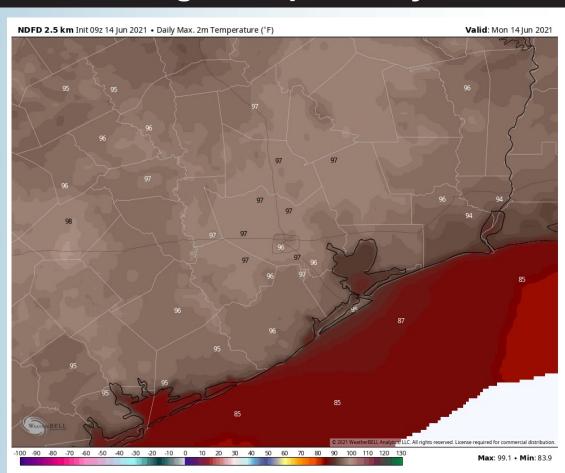
Sustained Winds (4 PM CT)



Simulated Radar Snapshot (3 PM CT)



High Temps Today



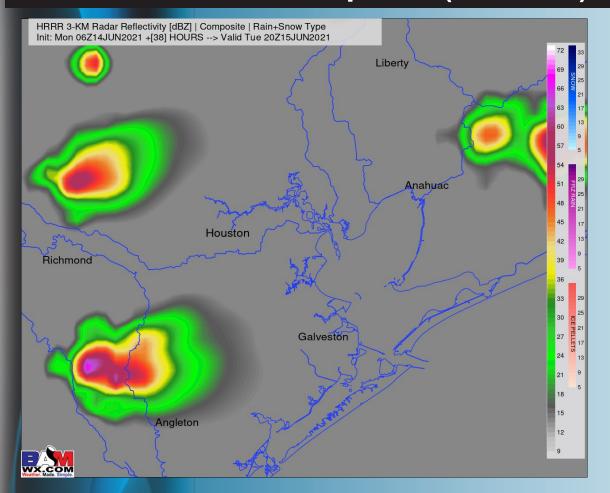




Short-Term Forecast Discussion

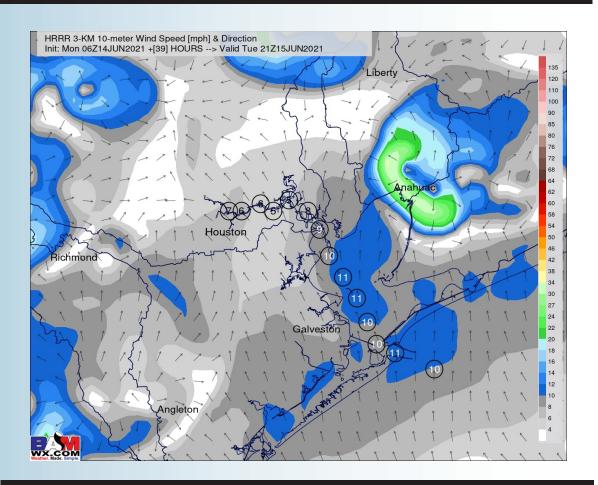
- Tuesday looks to have isolated-to-scattered chances in the afternoon hours with any activity likely waning down with the loss of daylight. A locally heavy downpour can't be ruled out with some lightning and briefly gusty winds if a storm passes over a Station.
 - ➤ Weak Westerly / SW winds in the AM of Tuesday look to eventually give way to southerly 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.
- F to lower 90's F over open waters.
 - No fog anticipated Tuesday.

Simulated Radar Snapshot (3 PM CT)

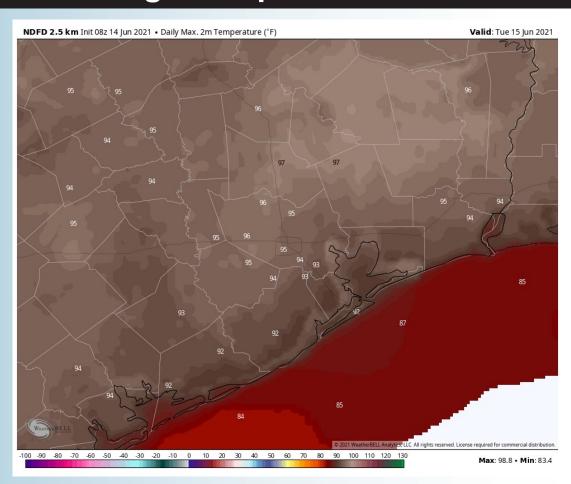


Tuesday, June 15th, 2021

Sustained Winds (5 PM CT)



High Temperatures TUE



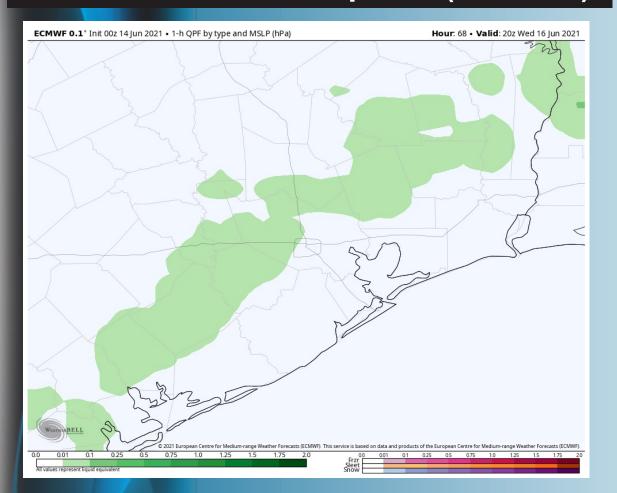




Short-Term Forecast Discussion

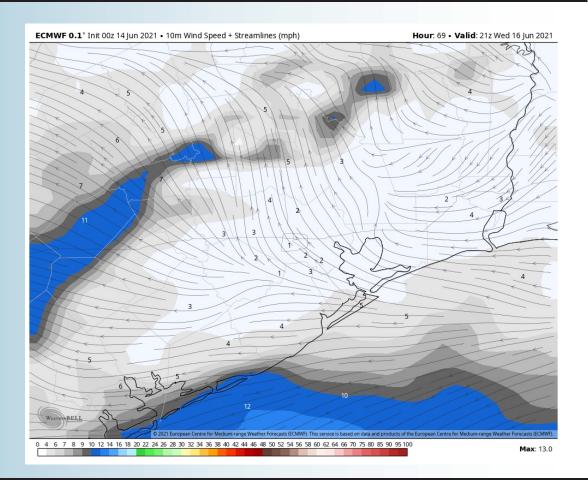
- Wednesday looks to have isolated-to-scattered chances in the afternoon hours with any activity likely waning down with the loss of daylight similar to Tuesday's. A locally heavy downpour can't be ruled out with some lightning and briefly gusty winds if a storm passes over a Station.
- Winds on Wednesday 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.

Simulated Radar Snapshot (3 PM CT)

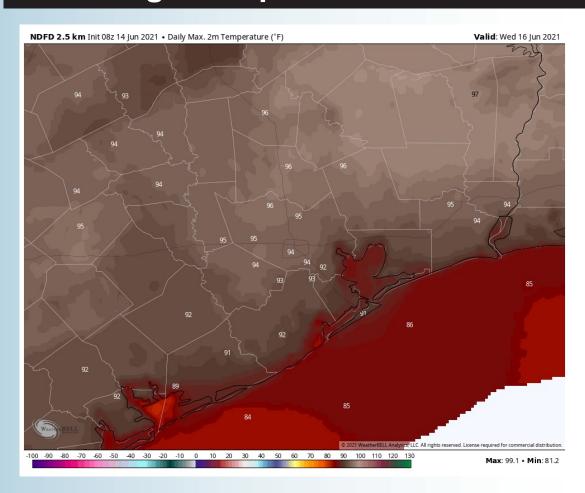


Wednesday, June 16th, 2021

Sustained Winds (4 PM CT)



High Temperatures WED



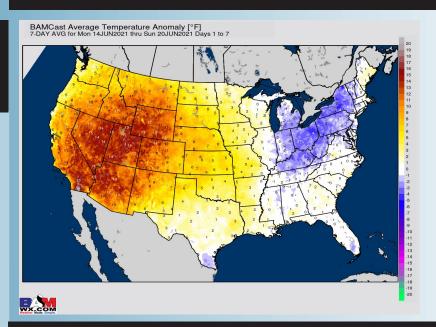


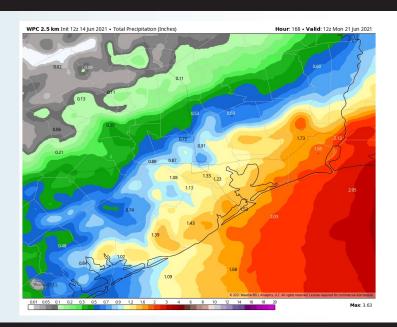


Long-Range Forecast Discussion

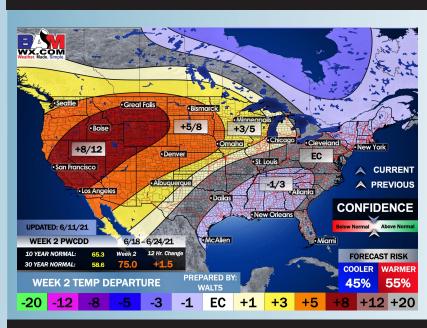
- Temperatures look to run at/ slightly above normal the next 7 days.
 Scattered chances will be possible for much of the week ahead with increasing chances heading into the weekend as a tropical disturbance gets closer.
- Week 2 is anticipated to be an active stretch of weather for HOU with temperatures 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.

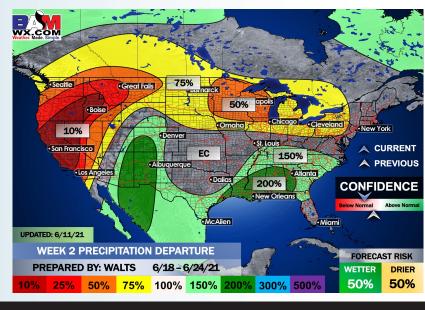
Week 1 Forecast





Week 2 Forecast





Weeks 3/4 Forecast

