



Updated: 5:00 AM 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.



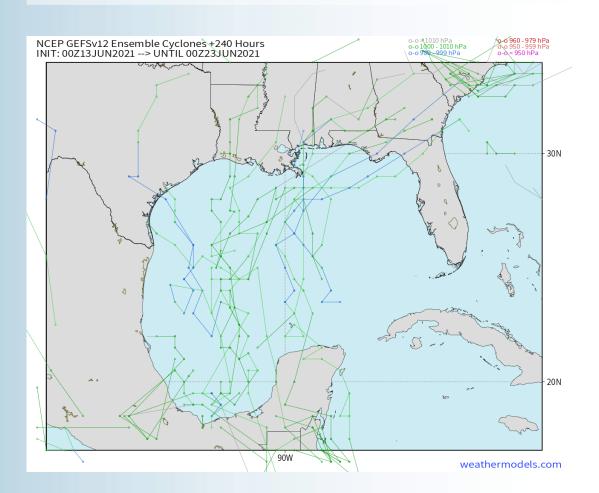


Tropical Update:

Euro Ensemble Tracks (Next 10-days):

ECMWF EPS Cyclone Locations -> Next [10-days] FORECAST INIT: 00Z13JUN2021 -> UNTIL 00Z23JUN2021 -> 0-0 500 -936 hPa 0-0 500 hPa 0-0 500 -936 hPa 0-0 500 hPa 0-0 500 -936 hPa 0

GEFS Tracks (Next 10-days):



We continue to keep an eye around the 19th – 21st 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 data keeps this system east of the HOU area and have noted some easterly trends in the European guidance with the latest run (previous run had more model members directed towards HOU). The bulk of the American guidance keeps the system east of HOU as well. 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

Sunday, June 13, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

Time	06-12- 2021 Sat 10am	06-12- 2021 Sat 11am	06-12- 2021 Sat 12pm		2021	06-12- 2021 Sat 3pm	06-12- 2021 Sat 4pm	2021	06-12- 2021 Sat 6pm	06-12- 2021 Sat 7pm	06-12- 2021 Sat 8pm	06-12- 2021 Sat 9pm	06-12- 2021 Sat 10pm	06-12- 2021 Sat 11pm	06-13- 2021 Sun 12am	06-13- 2021 Sun 1am	06-13- 2021 Sun 2am	06-13- 2021 Sun 3am	06-13- 2021 Sun 4am	06-13- 2021 Sun 5am	06-13- 2021 Sun 6am	06-13- 2021 Sun 7am	06-13- 2021 Sun 8am	06-13- 2021 Sun 9am	06-13- 2021 Sun 10am	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
Houston Pilots N - 610 Bridge	10.00	10.00	10.00	10.00	10.00	8.640	10.00	9.360	10.00	7.165	10.00	10.00	10.00	10.00	7.481	6.875	5.916	4.916	4.752	5.060	4.833	4.438	5.042	7.522	9.545	8.108	7.228	10.00	10.00	7.841	0.821	10.00	10.00	0.613	10.00	10.00
Houston Pilots M - Kinder 1	10.00	10.00	10.00	10.00	10.00	8.640	10.00	9.360	10.00	7.165	10.00	10.00	10.00	10.00	7.589	6.875	5.916	4.916	4.752	5.279	5.064	4.438	5.143	7.522	9.545	8.108	7.228	10.00	10.00	7.841	0.821	10.00	10.00	0.613	10.00	10.00
Houston Pilots L - Freens Bayou	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.360	10.00	7.165	10.00	10.00	10.00	9.997	9.785	6.875	5.998	5.141	5.065	5.279	5.337	4.438	5.146	7.522	9.545	8.108	2.743	10.00	10.00	10.00	1.098	10.00	10.00	2.686	10.00	10.00
Houston Pilots K - Shell Crude	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.360	10.00	7.165	10.00	10.00	9.781	9.507	9.565	6.875	5.998	5.141	5.065	5.279	5.337	4.438	5.721	7.522	9.545	8.055	2.664	10.00	10.00	10.00	0.925	10.00	10.00	3.923	10.00	10.00
Houston Pilots J - Lynchburg Ferries	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.360	10.00	10.00	10.00	10.00	9.654	9.272	9.355	6.875	5.998	5.930	5.519	5.246	4.858	4.613	5.721	7.540	10.00	8.108	2.743	10.00	10.00	8.109	1.176	10.00	10.00	3.923	10.00	10.00
Houston Pilots I - Exxon 3	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.360	10.00	10.00	10.00	10.00	9.507	9.059	9.286	6.875	5.998	5.930	5.519	5.246	4.858	4.909	5.721	7.890	10.00	8.108	2.664	10.00	10.00	5.509	0.925	10.00	10.00	3.923	10.00	10.00
Houston Pilots H - Morgans Point	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.360	10.00	10.00	10.00	10.00	9.507	9.059	9.013	6.355	5.998	5.930	5.670	5.080	6.041	5.441	5.355	5.979	10.00	8.055	2.664	10.00	10.00	5.509	0.925	10.00	10.00	4.926	10.00	10.00
Houston Pilots G - 75/76	10.00	10.00	10.00	10.00	8.804	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.598	9.512	8.679	6.355	5.998	6.390	5.755	5.080	6.041	5.441	5.355	5.979	7.804	7.845	2.652	10.00	10.00	10.00	0.925	10.00	10.00	5.030	10.00	10.00
Houston Pilots F - 63/64	10.00	10.00	10.00	10.00	8.804	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.598	9.712	8.091	6.355	6.423	6.390	7.023	6.473	6.141	5.624	5.797	5.979	7.804	8.953	5.389	8.945	4.342	5.884	1.546	10.00	10.00	5.030	10.00	10.00
Houston Pilots E - 51/52	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.598	8.683	8.091	6.726	7.613	6.390	7.040	6.973	6.726	6.759	5.797	5.979	7.804	8.953	10.00	8.945	4.342	3.522	1.546	9.569	10.00	5.030	10.00	10.00
Houston Pilots D - 37/38	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.598	8.683	8.091	6.726	7.815	6.440	7.572	7.345	8.469	7.007	6.398	6.887	7.804	10.00	10.00	10.00	10.00	3.522	1.546	4.087	10.00	5.030	10.00	10.00
Houston Pilots C - 25/26	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	8.683	9.300	7.034	7.815	8.691	7.666	8.433	8.660	7.007	6.398	7.538	8.316	10.00	10.00	10.00	9.849	5.205	1.712	4.087	10.00	10.00	10.00	10.00
Houston Pilots B - 11/12	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	8.683	9.545	9.171	7.815	8.978	8.149	8.778	8.660	7.127	6.398	7.538	8.316	10.00	10.00	10.00	9.849	5.205	1.712	4.957	10.00	10.00	10.00	10.00
Houston Pilots A - 1 & 2 Bravo	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	10.00	10.00	10.00	10.00	10.00	10.00	9.889	8.764	7.127	8.036	8.200	8.316	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00

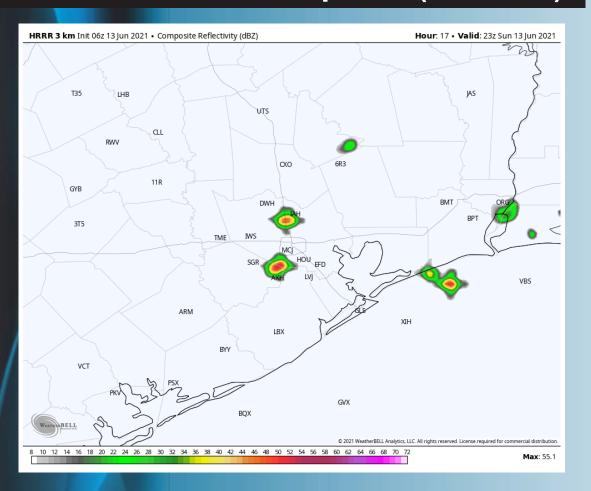




Short-Term Forecast Discussion

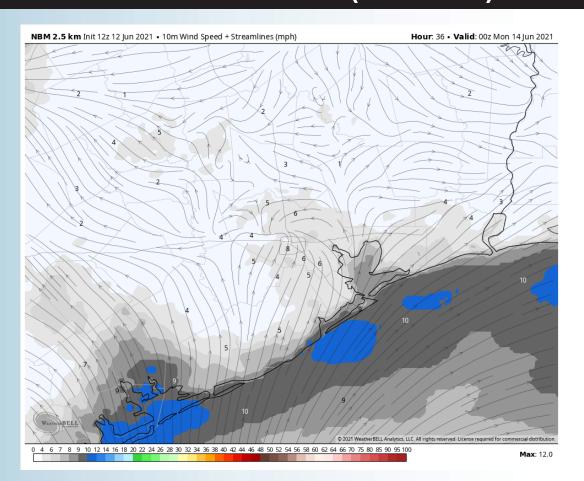
- Cant rule out isolated pockets of drizzle this morning with mostly dry conditions being the theme this AM. Isolated-to-scatters showers/ storms will be possible from about 3 PM 9 PM today. Locally heavy downpours and gusty winds cant be ruled out under storms this afternoon.
- Generally light westerly winds begin to shift more out of the SW by 2 4 PM this afternoon. Winds should be around 5 15 MPH with lighter winds in station towards the Buffalo Bayou. Under isolated cells today, some localized breezier conditions will be possible.
- High temps into the lower 90's F will be possible over open waters today with heat index values in the upper 90's F to lower 100's F. Even warmer temperatures possible further inland towards the HOU Metro area.
 - No Fog anticipated Sunday.

Simulated Radar Snapshot (6 PM CT)

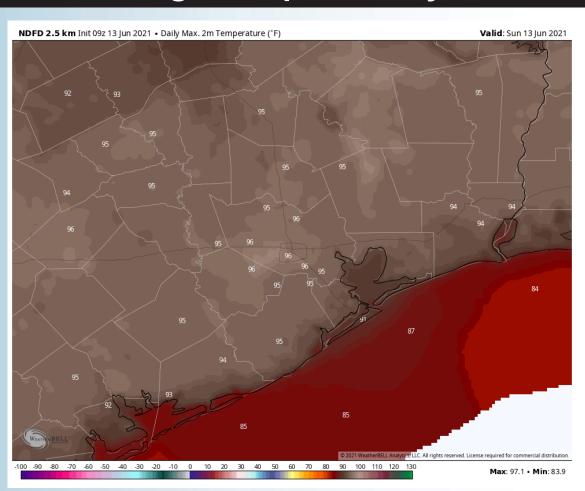


Sunday, June 13th, 2021

Sustained Winds (7 PM CT)



High Temps Sunday



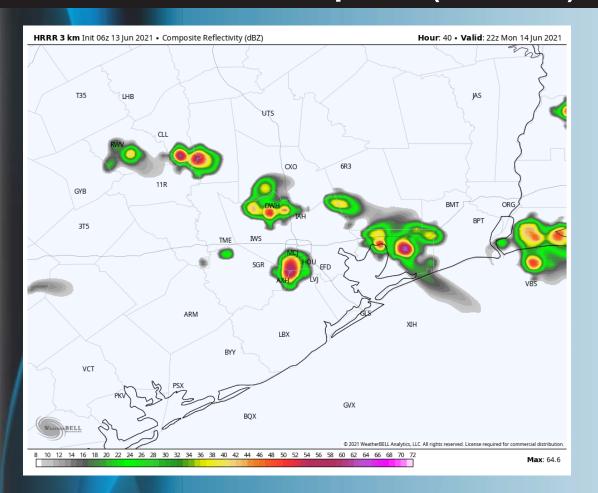




Short-Term Forecast Discussion

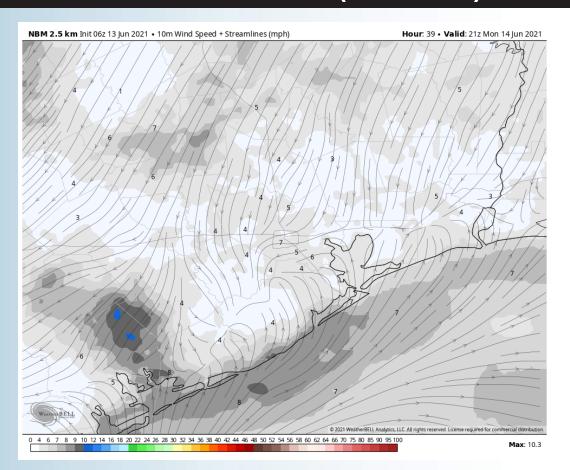
- Isolated showers cannot be ruled out in the AM. Isolated-to-scattered storms will once again be possible in the afternoon hours of Monday. Any activity likely wanes with the loss of daylight.
- ➤ Winds shift more from the west into Monday morning then from the north into the early afternoon. A sea-breeze 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.

Simulated Radar Snapshot (5 PM CT)

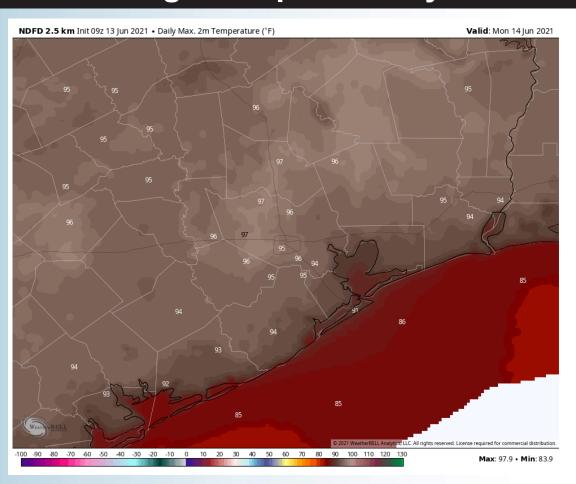


Monday, June 14th, 2021

Sustained Winds (4 PM CT)



High Temps Monday



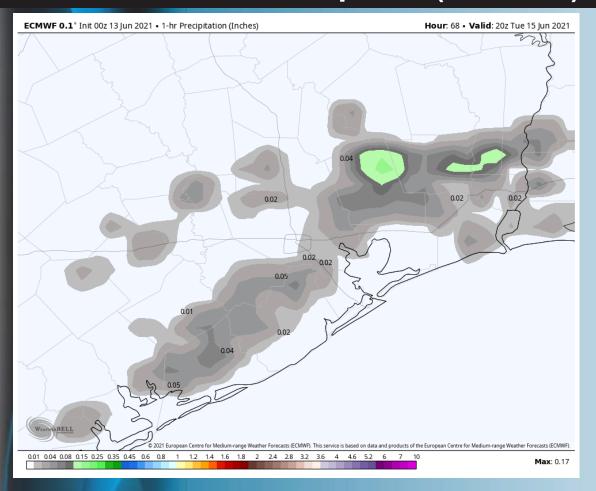




Short-Term Forecast Discussion

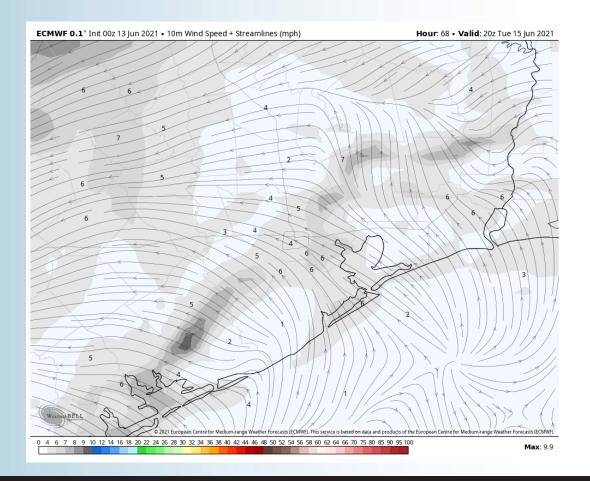
- Tuesday looks to have a similar weather pattern as Monday. Isolated chances of a shower in the AM give way to isolated-to-scattered chances in the afternoon hours with any activity likely waning down with the loss of daylight.
- ➤ Westerly / SW winds in the AM of Tuesday look to eventually give way 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 only drop to near 80 F over open waters into tomorrow morning..
 - No fog anticipated Tuesday.

Simulated Radar Snapshot (3 PM CT)

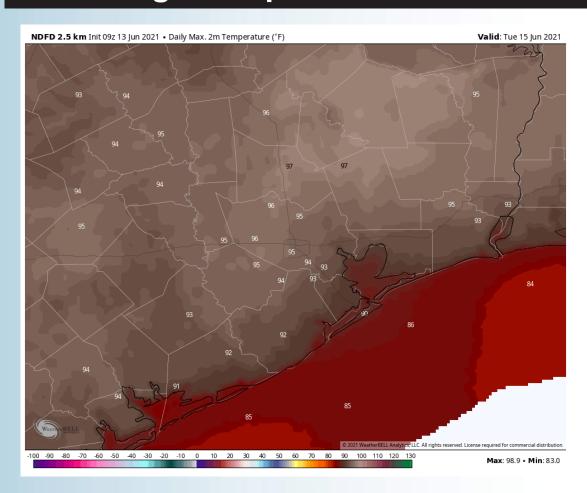


Tuesday, June 15th, 2021

Sustained Winds (3 PM CT)



High Temperatures TUE





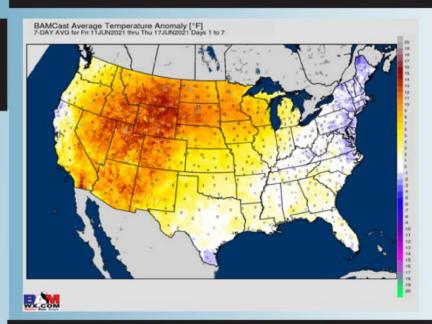


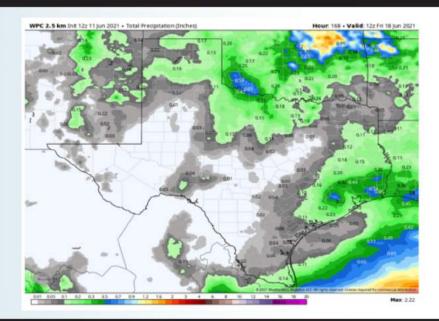


Long-Range Forecast Discussion

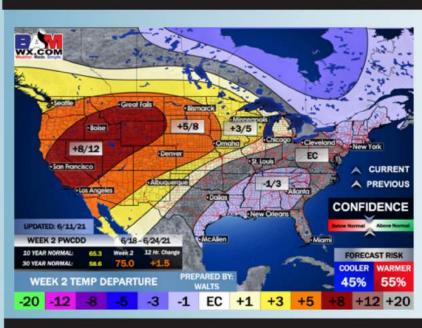
- Temperatures over the next few days look to run near normal to even slightly above normal. Scattered chances come back into the picture Monday with daily chances next week. Precip chances start to increase heading into next weekend.
- Week 2 is anticipated to be an active stretch of weather for the HOU with temperatures running slightly below normal. We will also need to keep an eye on tropical mischief arises in he week 2 timeframe as well.
 Regardless, above normal precipitation is anticipated.
- 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.

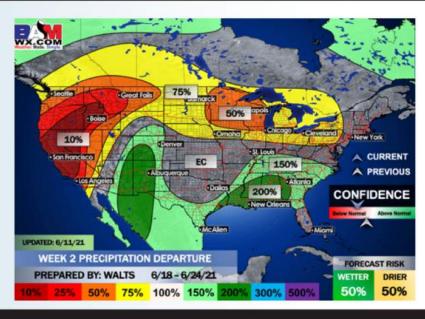
Week 1 Forecast





Week 2 Forecast





Weeks 3/4 Forecast

