



Updated: 5:15 AM CT, Friday, October 22, 2021

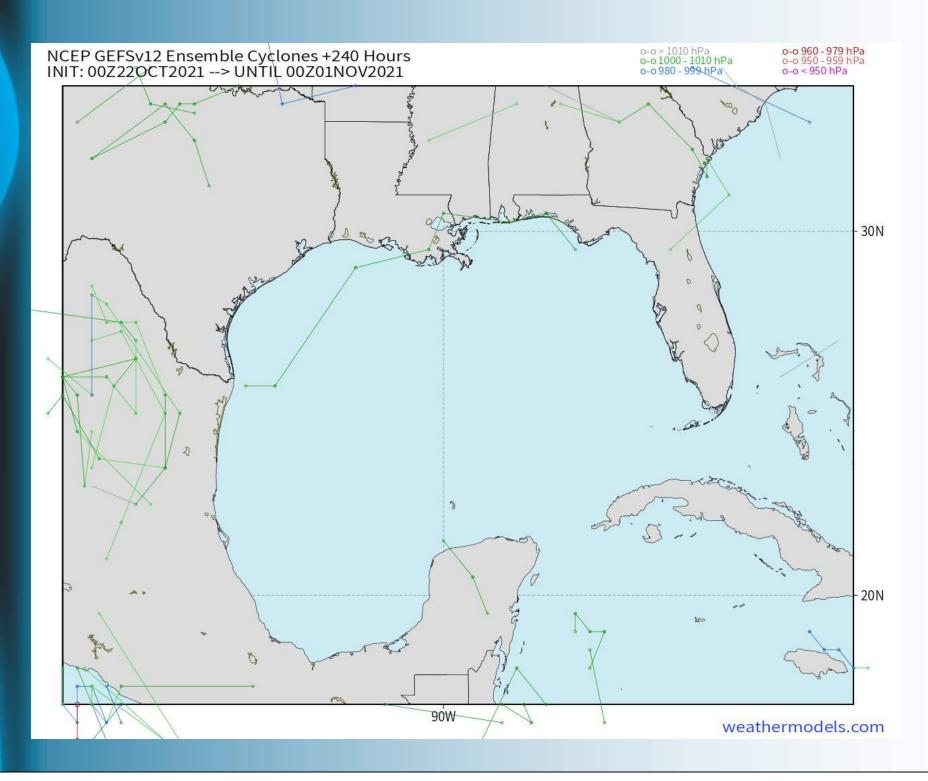
➤ As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.





Tropical Update:

GEFS Ensemble 10-days Tracks



We continue to favor the Gulf to remain quiet at least for the next 7-10 days.





Visibility Report

Friday, October 22, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

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Time	10-22- 2021 Fri 3am	10-22- 2021 Fri 4am	10-22- 2021 Fri 5am	10-22- 2021 Fri 6am	10-22- 2021 Fri 7am	10-22- 2021 Fri 8am	10-22- 2021 Fri 9am	10-22- 2021 Fri 10am	10-22- 2021 Fri 11am	10-22- 2021 Fri 12pm	10-22- 2021 Fri 1pm	10-22- 2021 Fri 2pm	10-22- 2021 Fri 3pm	10-22- 2021 Fri 4pm	10-22- 2021 Fri 5pm	10-22- 2021 Fri 6pm	10-22- 2021 Fri 7pm	10-22- 2021 Fri 8pm	10-22- 2021 Fri 9pm	10-22- 2021 Fri 10pm	10-22- 2021 Fri 11pm	10-23- 2021 Sat 12am	10-23- 2021 Sat 1am	10-23- 2021 Sat 2am	10-23- 2021 Sat 3am	10-23- 2021 Sat 4am	10-23- 2021 Sat 5am	10-23- 2021 Sat 6am	10-23- 2021 Sat 7am	10-23- 2021 Sat 8am	10-23- 2021 Sat 9am		10-23- 2021 Sat 11am	10-23- 2021 Sat 12pm	10-23- 2021 Sat 1pm	10-23- 2021 Sat 2pm
Houston Pilots N - 610 Bridge	9.729	9.227	7.738	6.089	4.939	2.492	6.603	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.518	6.896	5.869	4.940	4.660	4.356	4.263	3.897	6.921	10.000	10.000	10.000	10.000	10.000
Houston Pilots M - Kinder 1	9.830	9.326	7.734	5.914	4.416	2.024	6.232	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.620	6.915	5.899	4.955	4.761	4.465	4.396	3.918	6.927	10.000	10.000	10.000	10.000	10.000
Houston Pilots L - Greens Bayou	10.000	9.426	7.701	5.448	3.284	1.166	5.210	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	8.798	6.949	5.946	5.016	4.841	4.612	4.536	4.005	6.949	10.000	10.000	10.000	10.000	10.000
Houston Pilots K - Shell Crude	9.914	9.049	7.369	5.095	2.836	0.920	5.298	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.998	9.993	8.665	6.976	5.993	5.086	5.021	4.828	4.757	4.105	6.976	10.000	10.000	10.000	10.000	10.000
Houston Pilots J - Lynchburg Ferries	10.000	9.090	7.250	4.317	1.859	0,538	4.143	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.979	9.979	8.676	6.985	6.013	5.115	4.956	4.744	4.701	4.154	6.985	10.000	10.000	10.000	10.000	10.000
Houston Pilots I - Exxon 3	10.000	8.652	6.905	4.314	2.167	1.216	4.805	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.930	9.930	9.930	9.783	9.783	8.469	7.091	6.223	5.408	5.370	5.210	5.196	4.627	7.091	9.930	9.930	10.000	10.000	10.000
Houston Pilots H - Morgans Point	9.861	8.455	6.850	4.828	3.464	2.566	5.860	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.723	9.723	9.723	9.453	9.445	8.367	7.319	6.622	5.984	5.984	5.953	5.951	5.425	7.297	9.723	9.723	9.803	10.000	9.999
Houston Pilots G - 75/76	9.529	8.367	6.697	5.513	5.373	4.514	7.171	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.957	9.507	9.507	9.507	9.218	9.121	8.346	7.666	7.121	6.648	6.642	6.677	6.702	6.387	7.568	9.507	9.507	9.539	9.817	9.763
Houston Pilots F - 63/64	9.513	8.331	6.605	5.578	6.408	6.011	7.901	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.672	9.335	9.335	9.335	9.083	8.960	8.511	8.054	7.684	7.394	7.365	7.477	7.525	7.290	7.928	9.335	9.335	9.335	9.513	9.495
Houston Pilots E - 51/52	9.722	8.288	6.421	5.075	6.138	6.315	8.495	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.339	9.280	9.280	9.280	9.162	9.083	8.780	8.355	8.056	7.895	7.888	8.064	8.210	7.850	8.303	9.280	9.280	9.280	9.318	9.320
Houston Pilots D - 37/38	9.870	8.018	6.501	4.902	5.235	5.854	8.825	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.794	9.363	9.354	9.371	9.363	9.267	8.925	8.495	8.203	8.096	8.154	8.466	8.753	8.111	8.645	9.354	9.354	9.354	9.354	9.373
Houston Pilots C - 25/26	9.634	7.702	6.709	5.313	5.080	5.448	9.064	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.678	9.537	9.738	9.662	9.381	9.009	8.637	8.427	8.401	8.463	8.816	9.090	8.445	8.886	9.296	9.296	9.296	9.296	9.319
Houston Pilots B - 11/12	8.901	7.215	6.662	5.279	4.838	5.295	9.384	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.950	9.742	10.000	9.929	9.558	9.137	8.838	8.690	8.667	8.771	8.985	9.177	8.724	8.961	9.191	9.191	9.191	9.191	9.222
Houston Pilots A - 1 & 2 Bravo	7.028	6.292	6.547	6.094	5.508	5.205	9.791	9.902	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.650	9.359	9.244	9.267	9.342	9.144	9.029	8.943	8.988	9.029	9.029	9.029	9.029	9.072

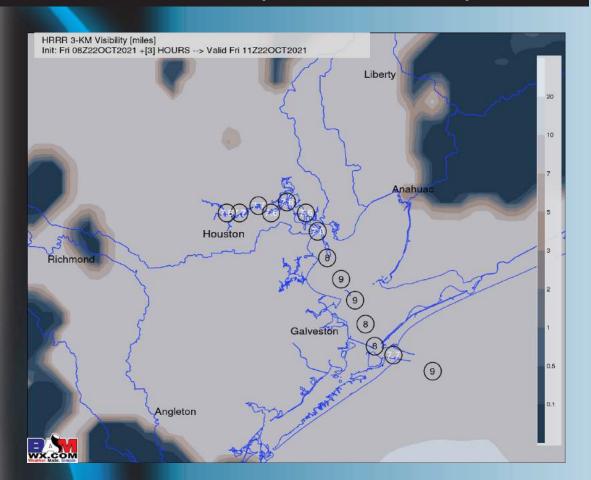




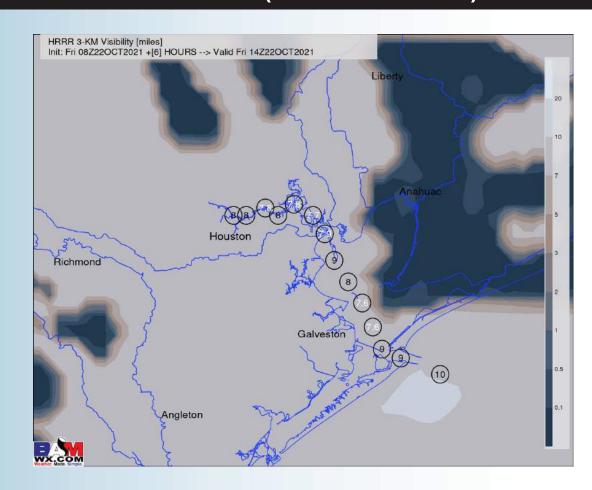
Visibility Report

Friday, October 22, 2021

VISIBILITY (FRI 6 AM HRRR)



VISIBILITY (FRI 9 AM HRRR)



CONFIDENCE

Below Above Normal

Normal

- Both satellite and surface observations show that fog has struggled to materialize near our station locations this is likely because a bit more of a northerly/drier wind vs modeled. The Galveston station is currently reporting Relative Humidity values of 89% (need 100% for fog formation).
 - Current thinking is that fog can largely avoid are stations this morning. 2 of the more reliable pieces of hi-res data (hrrr/ rap model) keep this threat away from our stations.

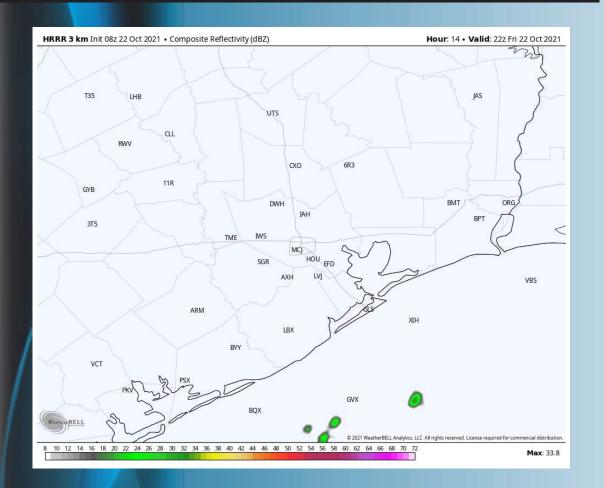




Short-Term Forecast Discussion

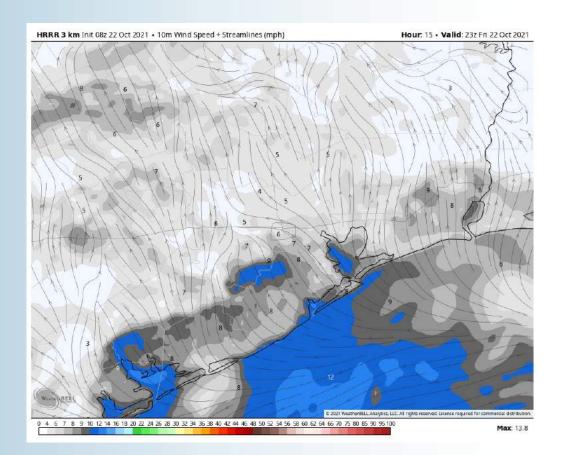
- Data is not impressed with rain chances today right now favoring today to be a dry day.
- ➤ Calm northernly winds this AM will start to shift more out of the SE into the afternoon. From about 1 PM and on, winds are anticipated to be out of the SE sustained around 5 – 10 MPH. Gusts up to 15 MPH cant be ruled out towards the boarding station.
 - High temps Friday sit in the low to mid 80s.
- Check slide above for more details on fog this am.

Simulated Radar Snapshot (2 PM CT)

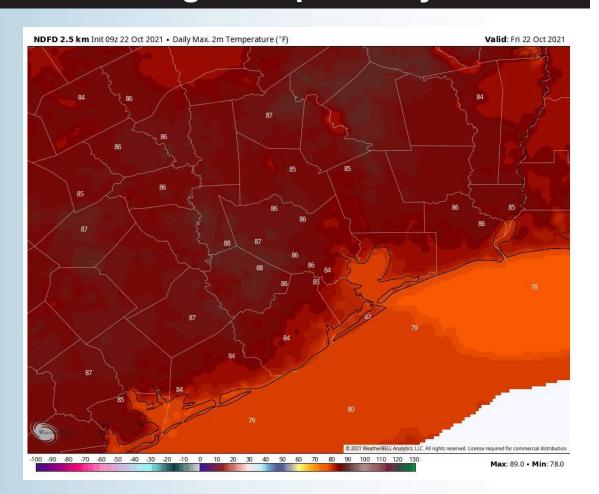


Friday, October 22th, 2021

Sustained Winds (6 PM CT)



High Temps Friday



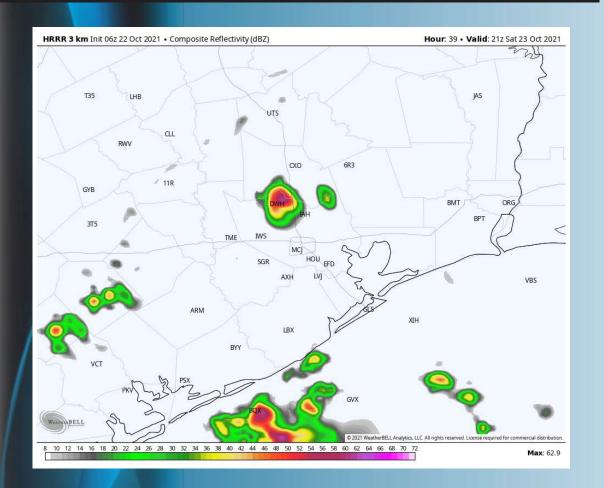




Short-Term Forecast Discussion

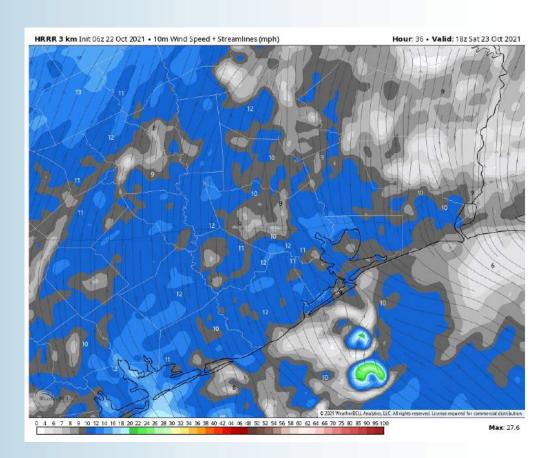
- Another day of 20-30% chances for a few spotty afternoon showers/ storms looks possible for Saturday. Plenty of dry time throughout the day is still favored even with these chances. A localized heavier downpour cannot be ruled out.
- ➤ Winds Saturday looks to stay consistently out of the SE at 8-13 MPH with a few gusts to 15- 20 MPH.
 - Saturday is looking to be another day with highs in the low to mid 80s.
- Not favoring fog for Sat morning at the moment
 best potential should be north of the stations.

Simulated Radar Snapshot (4 PM CT)

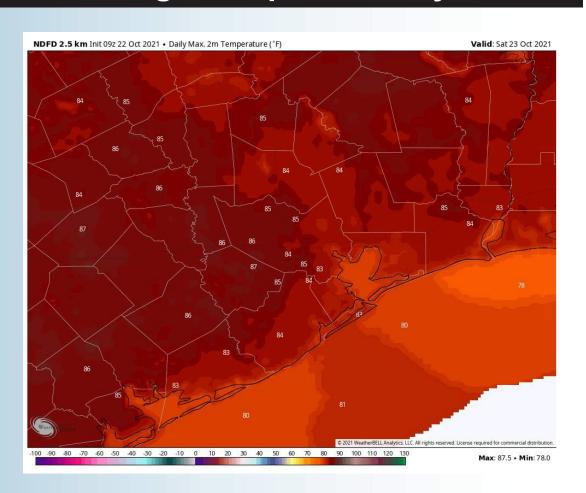


Saturday, October 23rd, 2021

Sustained Winds (1 PM CT)



High Temps Saturday



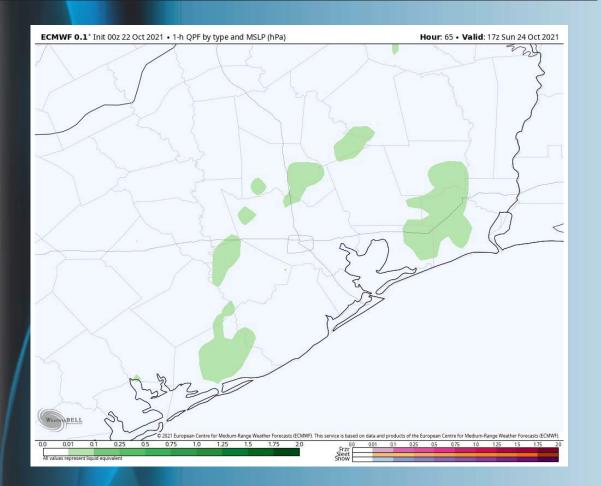




Short-Term Forecast Discussion

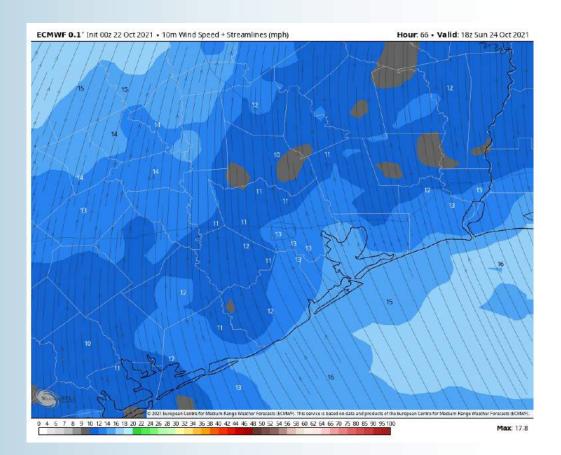
- ➤ A few scattered showers will be possible in the afternoon hours of Sunday (~20%). Once again, think there can be plenty of drier hours.
 - Winds are anticipated to be out of the SSE
 throughout the day Sunday sustained around 8
 13 MPH with gust near 20 MPH.
- High Temps look to get into the low-to-mid 80's
 - Not expecting fog Sunday.

Simulated Radar Snapshot (1 PM CT)

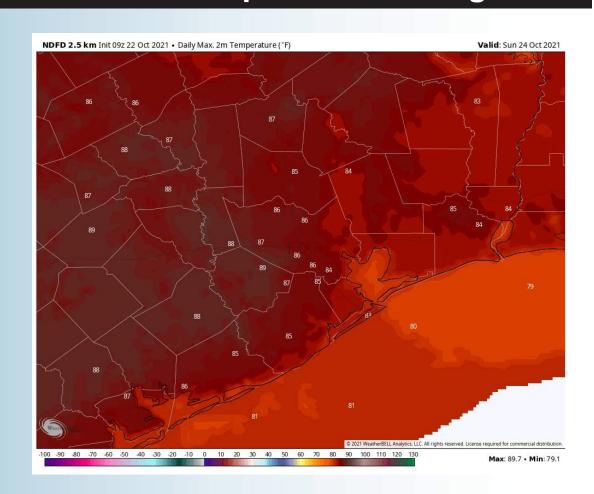


Sunday, October 21st, 2021

Sustained Winds (1 PM CT)



Low Temps This Evening





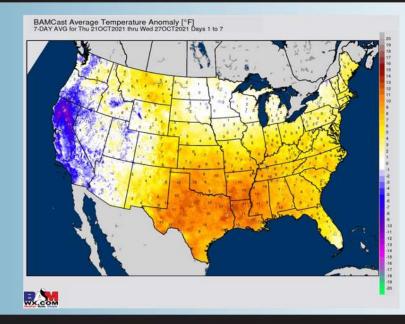


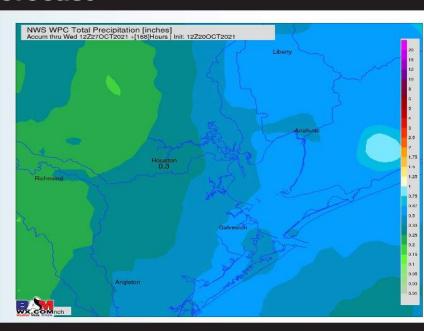
Long-Range Forecast Discussion

- Temps look to be much above average this week. A few hit and miss chances will be possible into the weekend/ early next week. Will need to keep an eve on a tropical disturbance in the eastern Pacific that *could bring in heavier rainfall risks into early next week. Not favoring that idea at the moment. Note that this will not be a tropical storm for HOU, but the added moisture in the atmosphere would lead to heavier amounts than the image in the top-right.
 - The week 2 timeframe is expected to have above average temps with slightly below average risks for precip. Not eyeing a specific threat for a tropical storm or hurricane at this distance.
- Right now, we have risks for about average temps and slightly below average precip for the first half of November.
 Tropical risks are on the lower side, but not a threat that should be 100% eliminated.

Wednesday, October 20, 2021

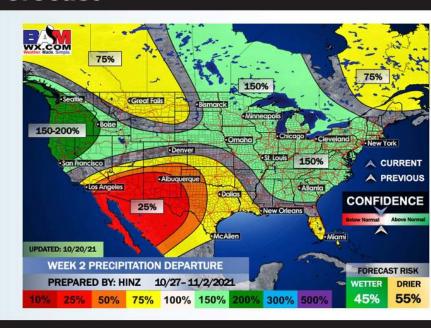
Week 1 Forecast





Week 2 Forecast





Weeks 3/4 Forecast

