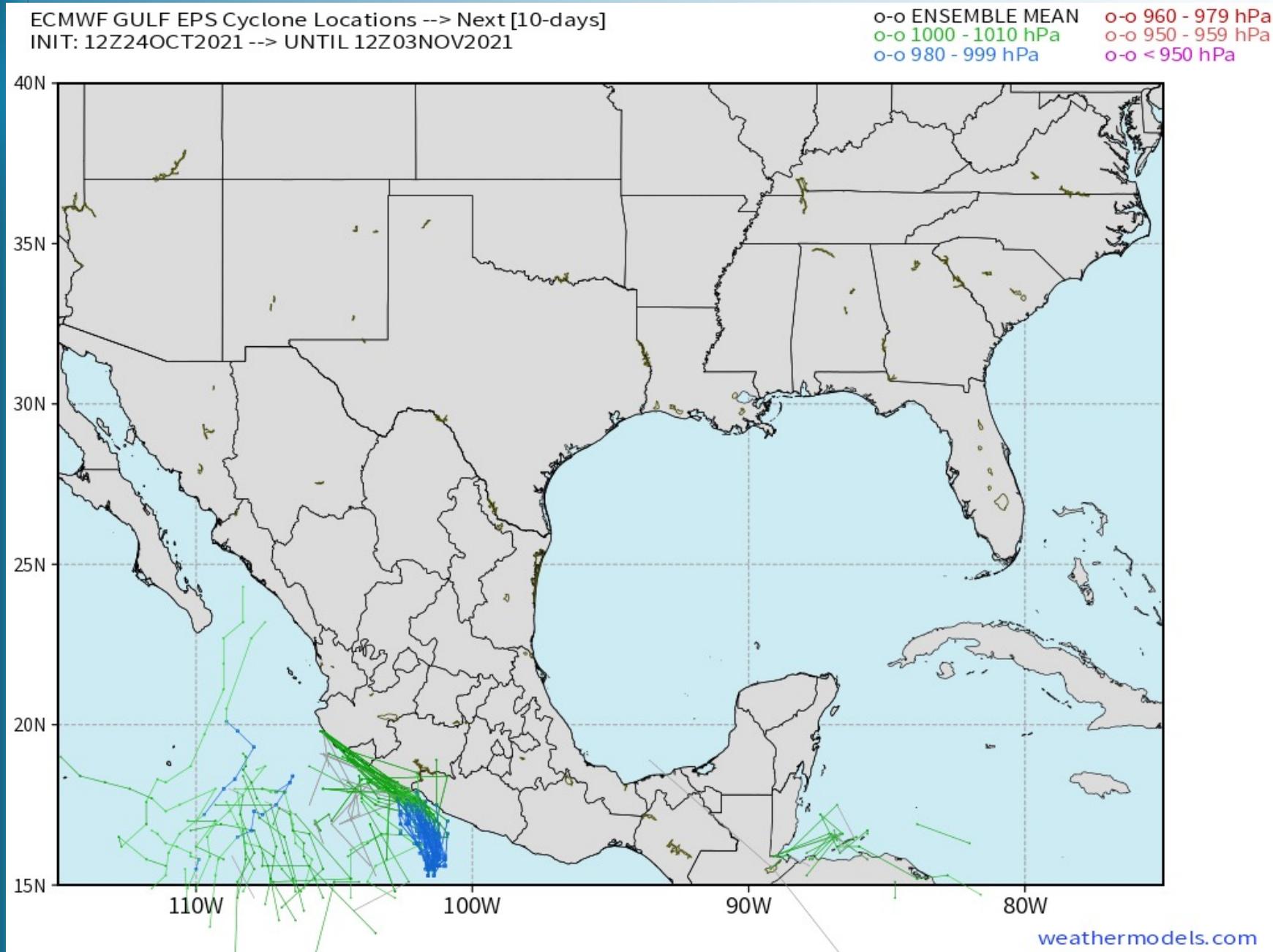


Updated: 5:00 AM CT, Monday, October 25, 2021

- **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:

EPS Ensemble 10-days Tracks



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



Visibility Report

Monday, October 25, 2021

HOURLY VISIBILITY BREAKDOWN (in miles)

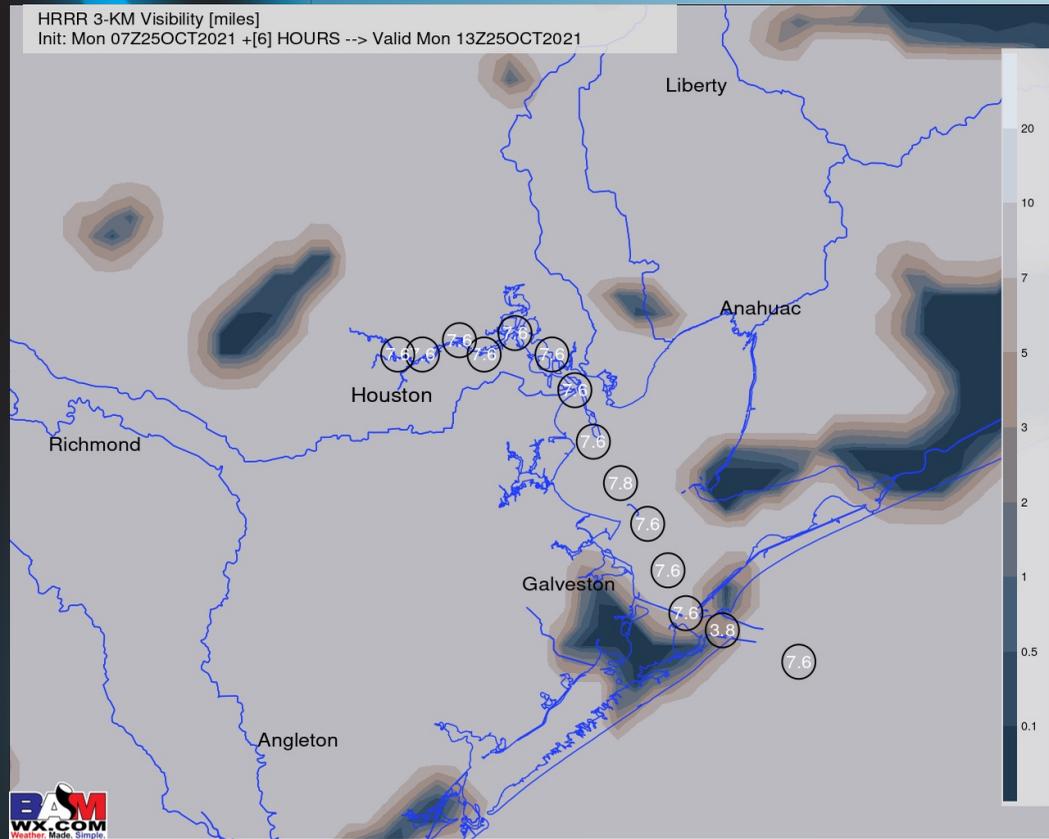
Time	10-25-2021 Mon 3am	10-25-2021 Mon 4am	10-25-2021 Mon 5am	10-25-2021 Mon 6am	10-25-2021 Mon 7am	10-25-2021 Mon 8am	10-25-2021 Mon 9am	10-25-2021 Mon 10am	10-25-2021 Mon 11am	10-25-2021 Mon 12pm	10-25-2021 Mon 1pm	10-25-2021 Mon 2pm	10-25-2021 Mon 3pm	10-25-2021 Mon 4pm	10-25-2021 Mon 5pm	10-25-2021 Mon 6pm	10-25-2021 Mon 7pm	10-25-2021 Mon 8pm	10-25-2021 Mon 9pm	10-25-2021 Mon 10pm	10-25-2021 Mon 11pm	10-26-2021 Tue 12am	10-26-2021 Tue 1am	10-26-2021 Tue 2am	10-26-2021 Tue 3am	10-26-2021 Tue 4am	10-26-2021 Tue 5am	10-26-2021 Tue 6am	10-26-2021 Tue 7am	10-26-2021 Tue 8am	10-26-2021 Tue 9am	10-26-2021 Tue 10am	10-26-2021 Tue 11am	10-26-2021 Tue 12pm	10-26-2021 Tue 1pm	10-26-2021 Tue 2pm		
Houston Pilots N - 610 Bridge	8.123	8.938	7.174	6.709	6.237	7.442	8.520	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	9.216	9.171	9.598	10.000	9.206	6.527	8.158	10.000	9.026	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots M - Kinder 1	7.740	8.938	7.174	7.824	6.237	7.258	8.520	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	9.216	9.171	9.598	10.000	9.206	6.527	8.158	10.000	9.026	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots L - Greens Bayou	7.811	8.938	6.556	8.111	6.237	7.258	8.520	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	9.216	9.171	9.266	10.000	6.882	6.974	8.158	10.000	9.026	9.911	10.000	10.000	10.000	10.000	10.000	
Houston Pilots K - Shell Crude	7.811	6.718	6.459	8.111	6.237	7.258	8.705	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	8.651	9.171	8.552	9.760	7.737	6.356	10.000	10.000	7.579	9.911	10.000	10.000	10.000	10.000	10.000	
Houston Pilots J - Lynchburg Ferries	7.839	7.161	7.383	8.111	6.887	6.222	8.705	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	10.000	8.797	9.266	9.760	7.737	8.301	10.000	10.000	4.956	9.865	10.000	10.000	10.000	10.000	10.000	
Houston Pilots I - Exxon 3	7.811	7.262	8.071	8.111	6.887	6.222	8.705	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.830	10.000	9.891	10.000	9.353	8.945	9.760	7.737	10.000	10.000	10.000	4.956	9.865	10.000	10.000	10.000	10.000	10.000	
Houston Pilots H - Morgans Point	7.811	7.625	8.215	8.950	7.886	7.149	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.792	9.822	10.000	9.948	10.000	9.353	10.000	9.760	7.737	10.000	10.000	10.000	6.728	9.865	10.000	10.000	10.000	10.000	10.000	
Houston Pilots G - 75/76	7.811	7.625	8.215	8.950	7.886	7.369	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.790	9.647	9.555	9.463	10.000	10.000	10.000	9.353	10.000	8.928	9.716	9.456	10.000	10.000	6.884	9.555	10.000	10.000	10.000	10.000	10.000	
Houston Pilots F - 63/64	8.695	7.859	8.215	8.950	7.886	7.754	10.000	9.725	9.756	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.828	9.744	9.810	10.000	10.000	10.000	9.353	9.791	9.620	9.770	9.490	9.669	9.128	8.277	9.811	10.000	10.000	10.000	10.000	10.000	
Houston Pilots E - 51/52	9.142	9.746	9.100	8.950	8.883	7.754	10.000	8.845	9.703	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.889	9.744	9.810	10.000	10.000	10.000	9.545	9.791	9.620	10.000	9.520	9.718	9.689	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots D - 37/38	9.573	10.000	10.000	7.776	8.883	8.341	9.432	9.238	9.004	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.889	9.842	9.810	10.000	9.989	10.000	10.000	9.996	10.000	10.000	10.000	9.798	9.806	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Houston Pilots C - 25/26	9.888	10.000	10.000	9.824	8.883	8.341	6.991	9.238	8.794	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.926	10.000	9.810	9.955	9.972	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.798	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots B - 11/12	10.000	10.000	10.000	10.000	9.453	8.353	6.991	9.238	9.780	9.916	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.808	9.955	9.972	10.000	10.000	10.000	10.000	10.000	10.000	9.798	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots A - 1 & 2 Bravo	10.000	10.000	10.000	10.000	10.000	9.259	7.883	8.561	9.780	8.719	9.130	9.345	9.671	9.743	9.725	9.226	10.000	10.000	10.000	9.753	9.955	10.000	10.000	10.000	10.000	10.000	10.000	10.000	9.963	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000

• **Latest data looks slightly underdone with patchy fog potential this AM, please check the slide below for more details.**

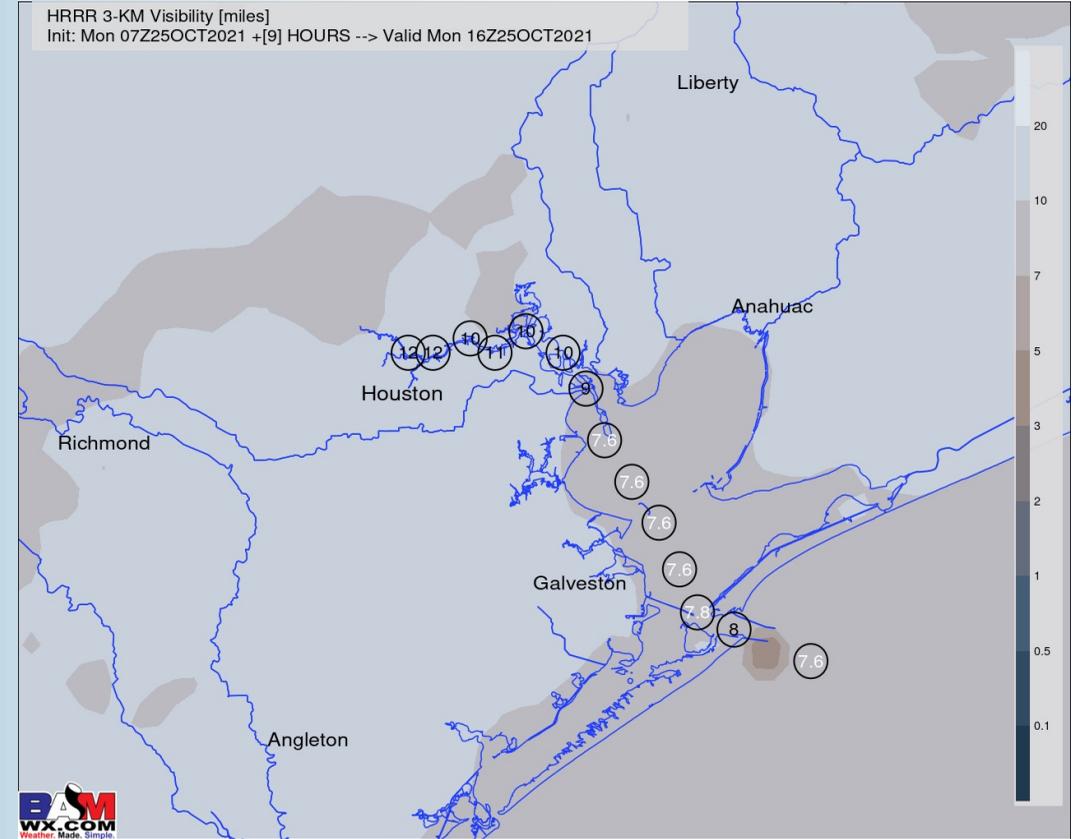
Visibility Report

Monday, October 25, 2021

VISIBILITY (MON 9 AM HRRR)



VISIBILITY (MON 11 AM HRRR)



CONFIDENCE

Below Normal

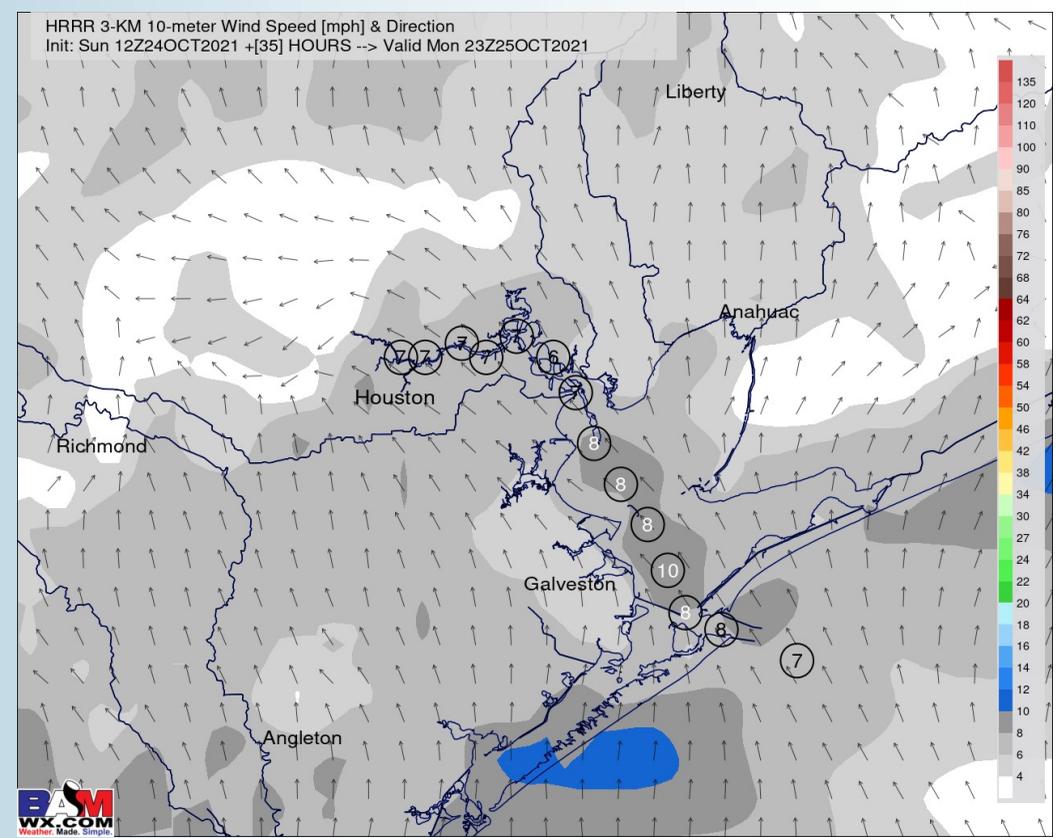
Above Normal

- Patchy fog/ reduced visibility north of 75/76 will continue to be possible out through 9 AM. The overall threat however is a bit lower this morning vs the thinking last night as temps have managed to stay a few degrees warmer than most data indicated (thus making it more slightly more difficult for widespread dense fog to form)**
- Fog looks to wind down as the sun rises and starts to “burn off” near the ~9 AM timeframe.**

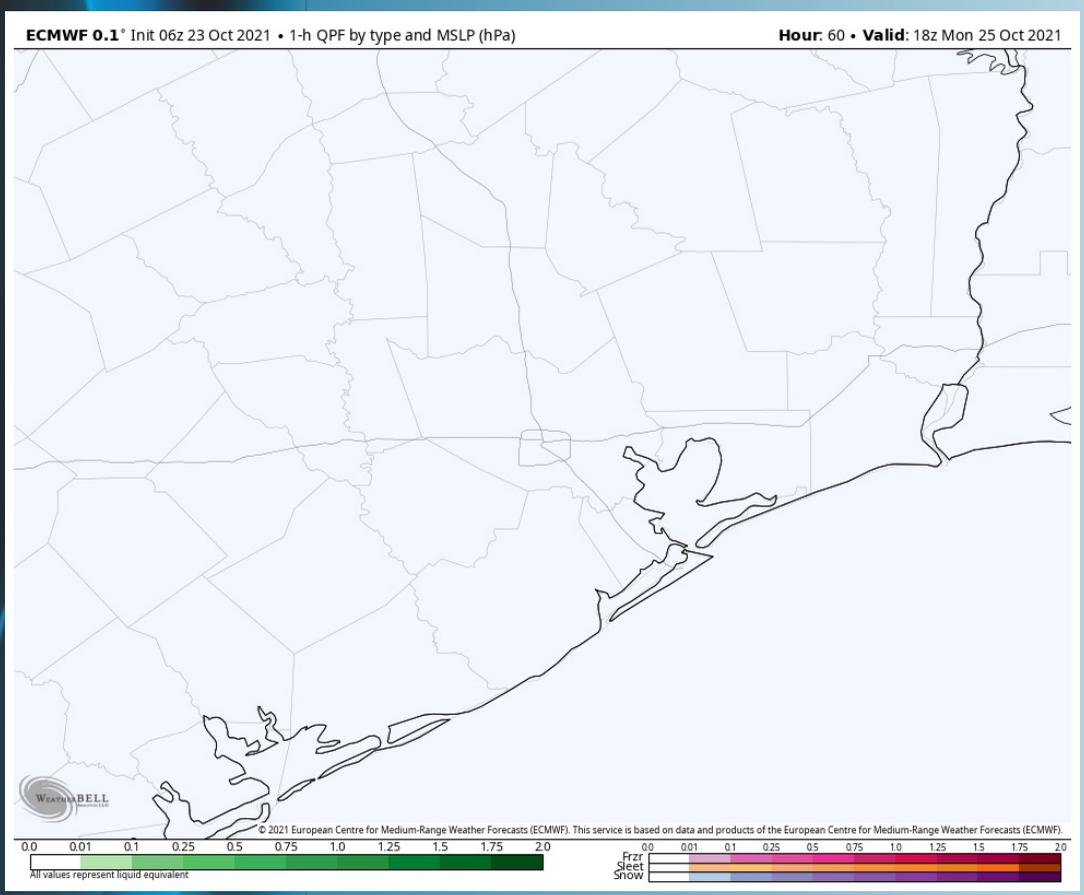
Short-Term Forecast Discussion

- Dry conditions are anticipated for our stations today.
- Sustained winds 5-10 MPH on Monday at the boarding station, calmer for our other stations. Wind directions will be variable for most locations out through ~5 PM before direction looks to turn more Southeasterly for the evening.
- High Temperatures look to get into the mid 80's F.
- See slide above for details on fog potential this AM.

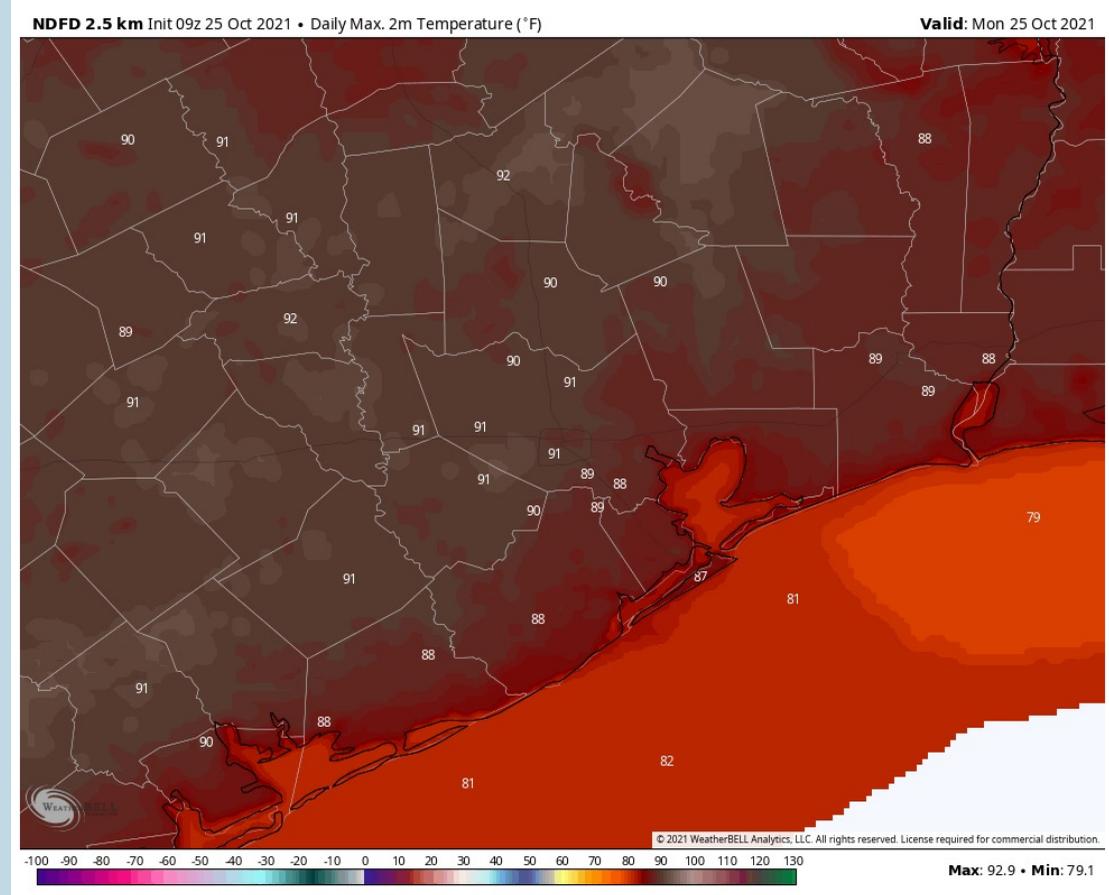
Sustained Winds (6 PM CT)



Simulated Radar Snapshot (1 PM CT)



High Temps Monday

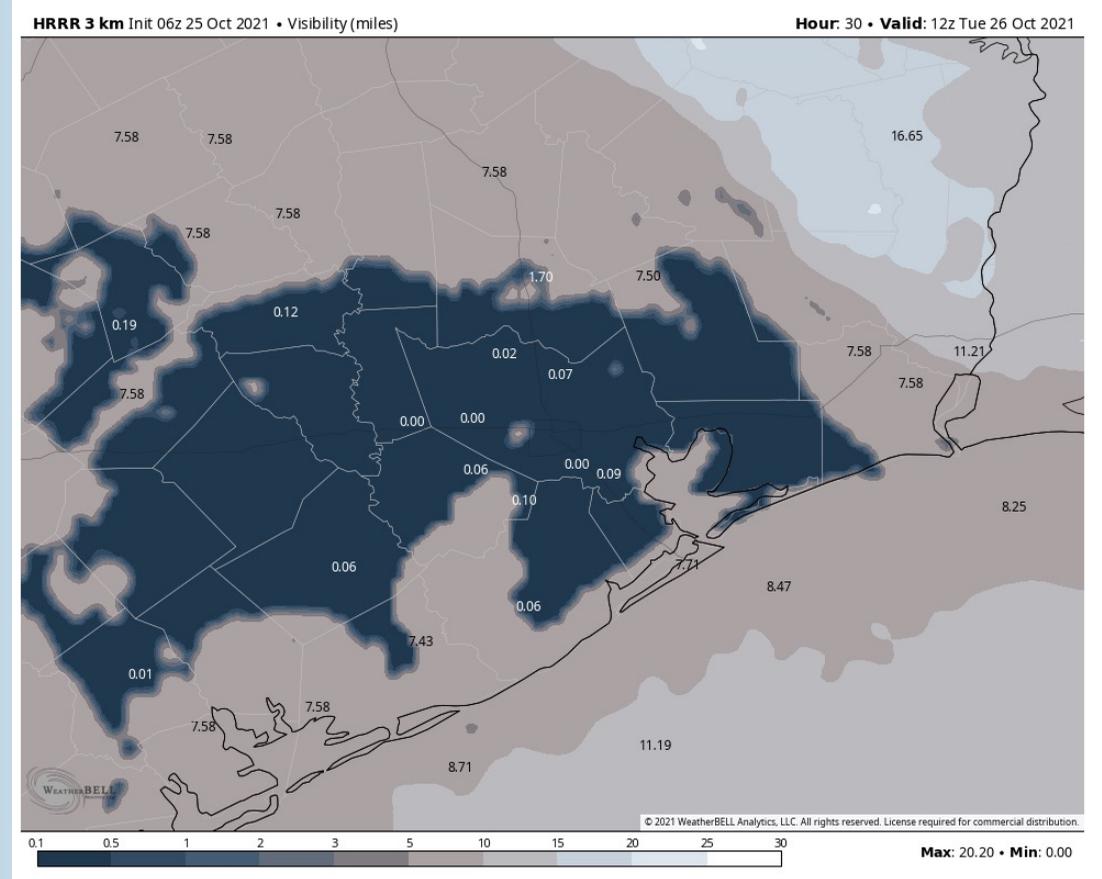
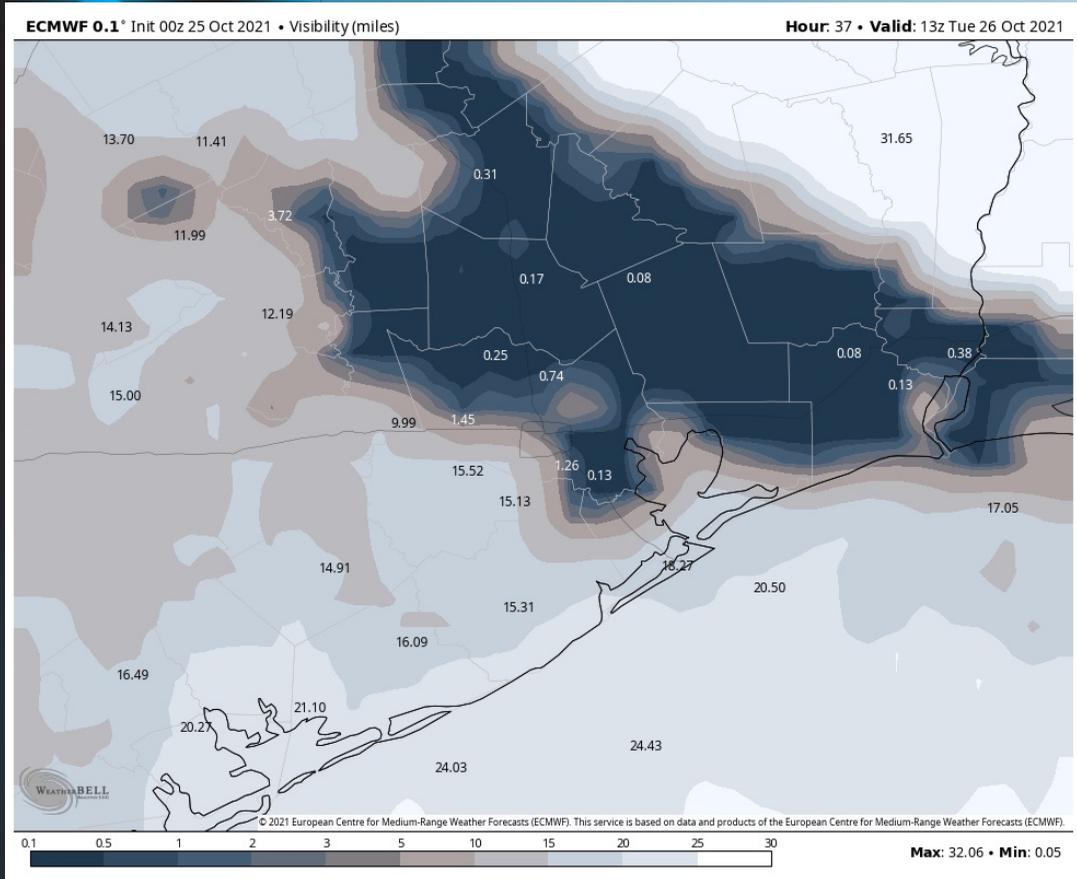


Visibility Report

Tuesday, October 26, 2021

VISIBILITY (7 AM CT TUE EURO MODEL)

VISIBILITY (7 AM CT TUE HRRR MODEL)

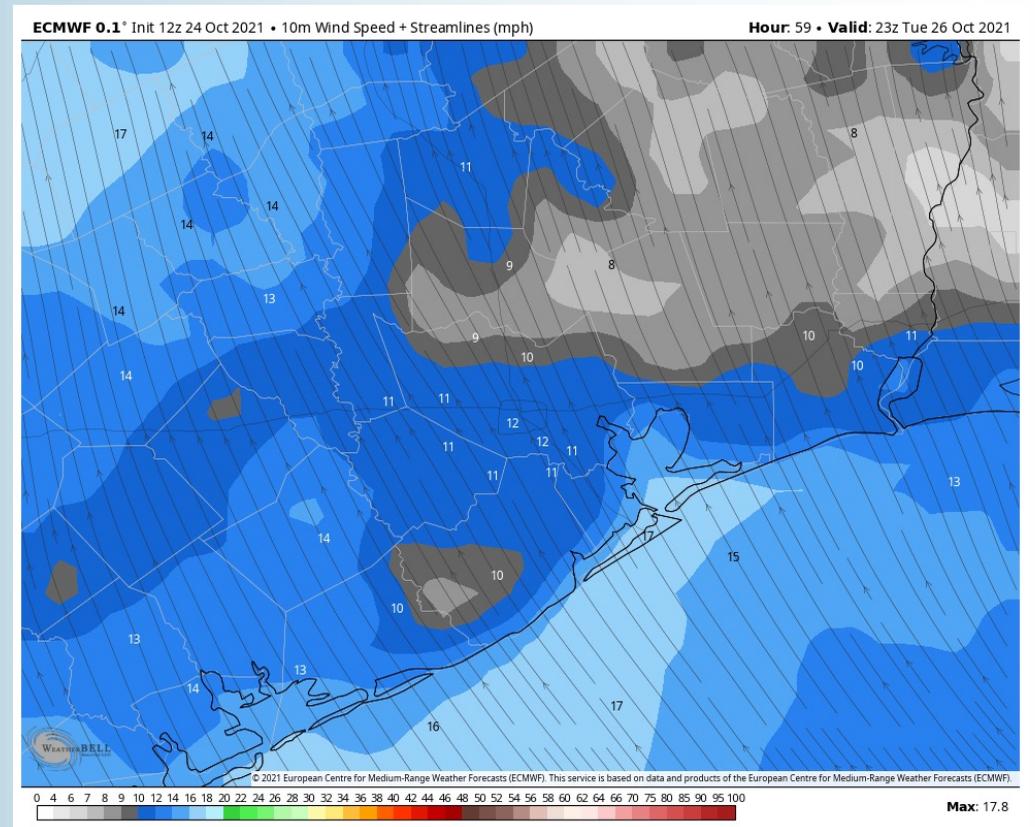


- **Tuesday AM will hold another round of potential patchy fog for locations north of Morgan's Point.**
- **Most guidance is in favor of this mainly impacting areas north of our stations, however it cannot be ruled out at this distance for locations N of Morgan's Point. Right now, locations South of Morgan's Point do not look to see impacts.**
- **The window for any patchy fog looks to come in the 6-10 AM timeframe.**

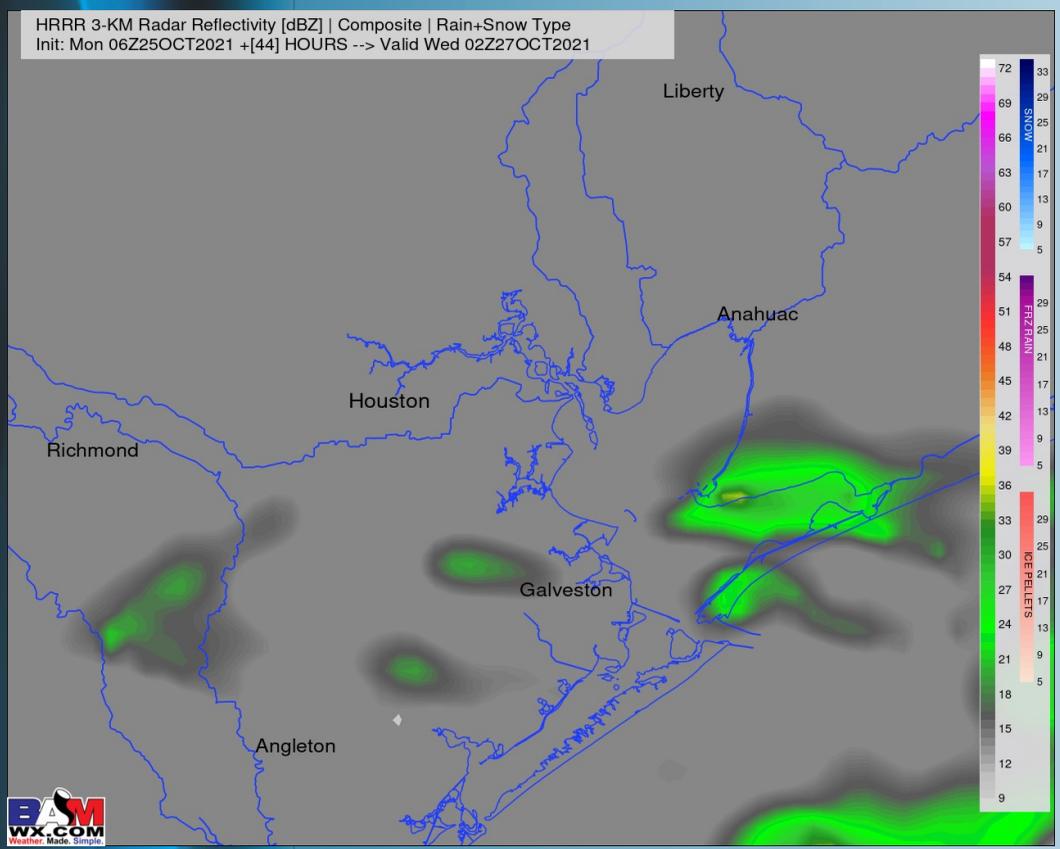
Short-Term Forecast Discussion

- The first half of the day looks dry before a few spotty cells are brought into the forecast for the afternoon hours out ahead of the front. Coverage looks rather isolated with activity staying hit and miss.
- Winds the first half of the day will be calmer, 5-10 MPH sustained out of the SE. The back half of the day will (2 PM and beyond) slowly increase winds to 8-13 MPH, closer to 10-15 MPH for the boarding station. Beyond ~9 PM and through the overnight, winds certainly start to pick up to 15 – 25 MPH sustained at the boarding station (gusts 25-35 possible).
- Highs likely sit in the mid 80s for most on Tuesday.
 - **Check slide for details on TUE AM fog.**

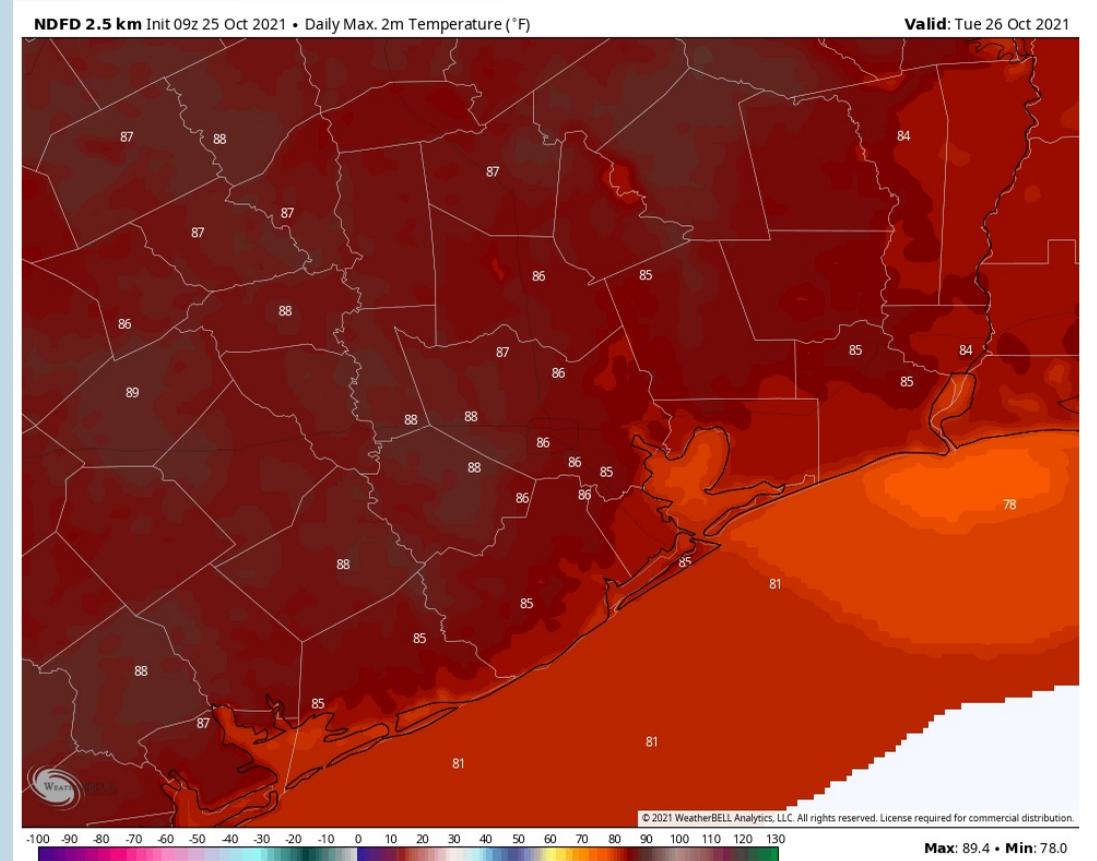
Sustained Winds (6 PM CT)



Simulated Radar Snapshot (9 PM CT)



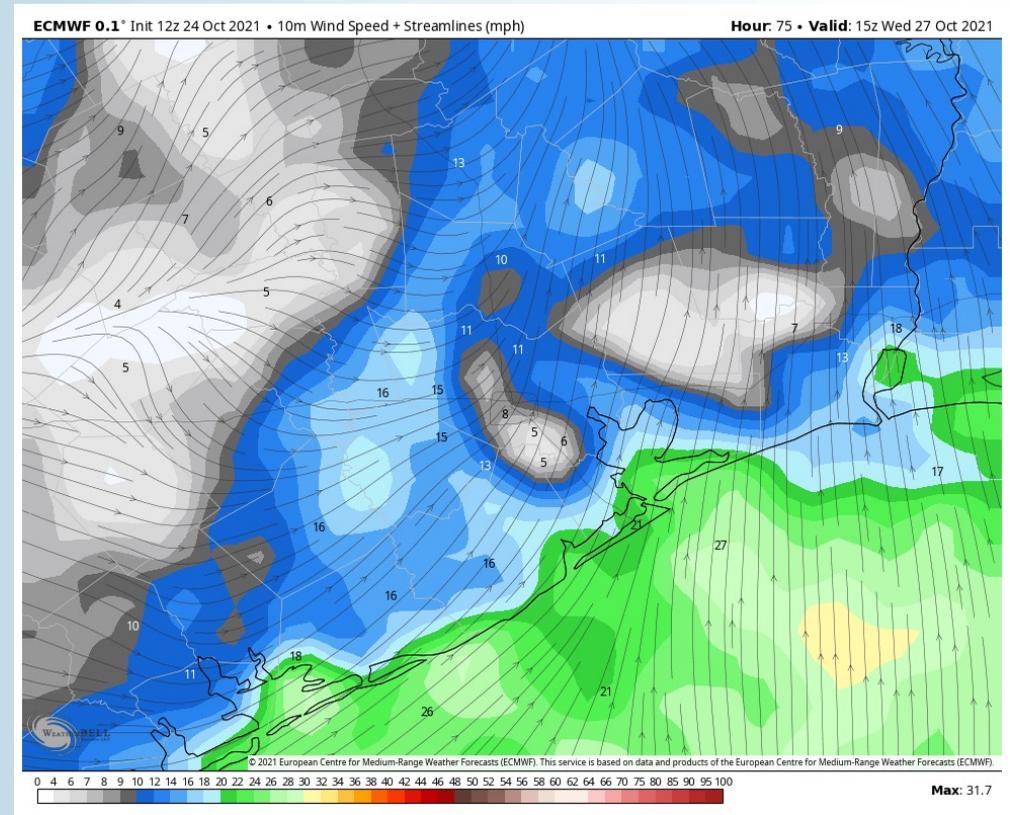
High Temps Tuesday



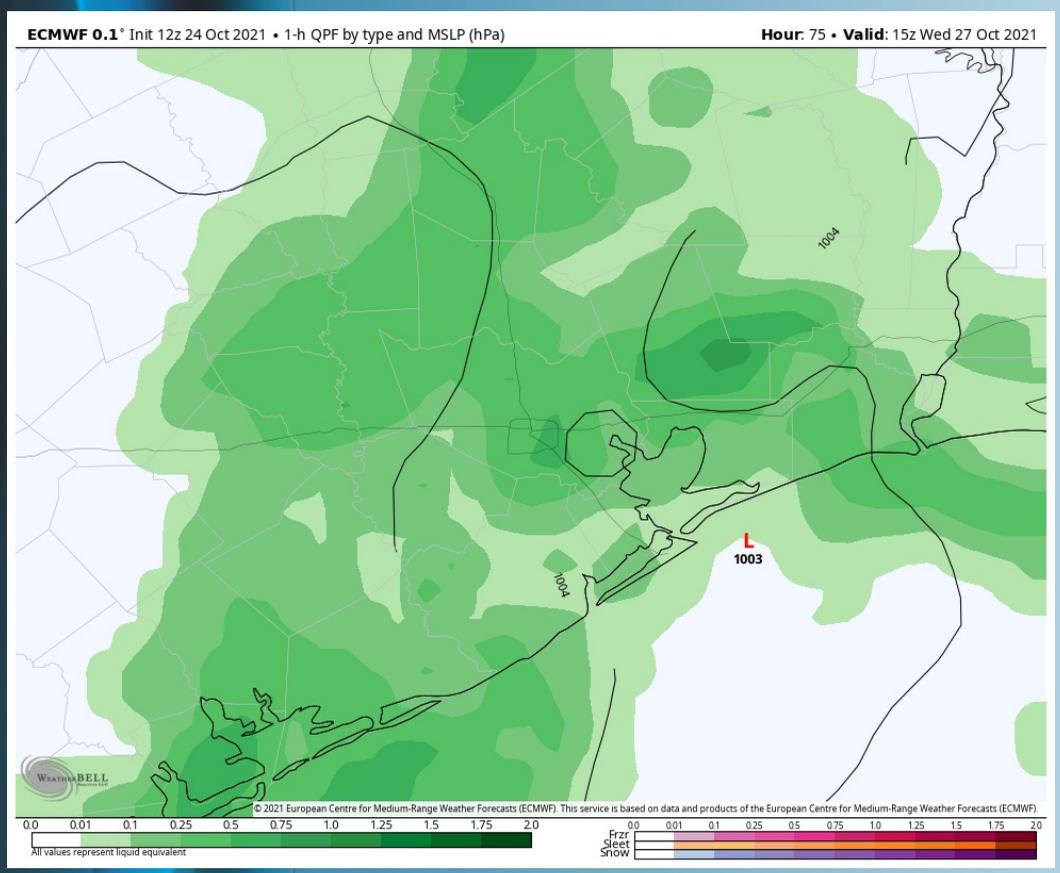
Short-Term Forecast Discussion

- A few very isolated showers/thunderstorms in the area could start as early as 3-4AM with scattered activity, however, the bulk of the precip comes in the late AM – early PM hours with the main front pushing through in this timeframe ~10AM-1PM. Moderate to heavy rainfall can be anticipated as the front pushes through, as well as a few stronger storms. Heavy rain could temporarily reduce visibility.
- Currently sustained winds 15-25 MPH can be expected for the boarding station in the early AM hours before the front pushes through. As the front moves through, sustained winds closer to 25-30 MPH can be expected with gusts 35-40 MPH possible. Elevated winds look to continue for the rest of the day at 15-20 MPH sustained, 25-30 MPH gusts possible at the boarding station through nighttime. Winds coming out of the S before the front (AM hours), switching to WNW flow after the front for the rest of the day.
 - High temps Wednesday sit in the low 80s.
- **Not expecting fog on Wed, however, reduced visibility will be possible under heavier rainfall with the front.**

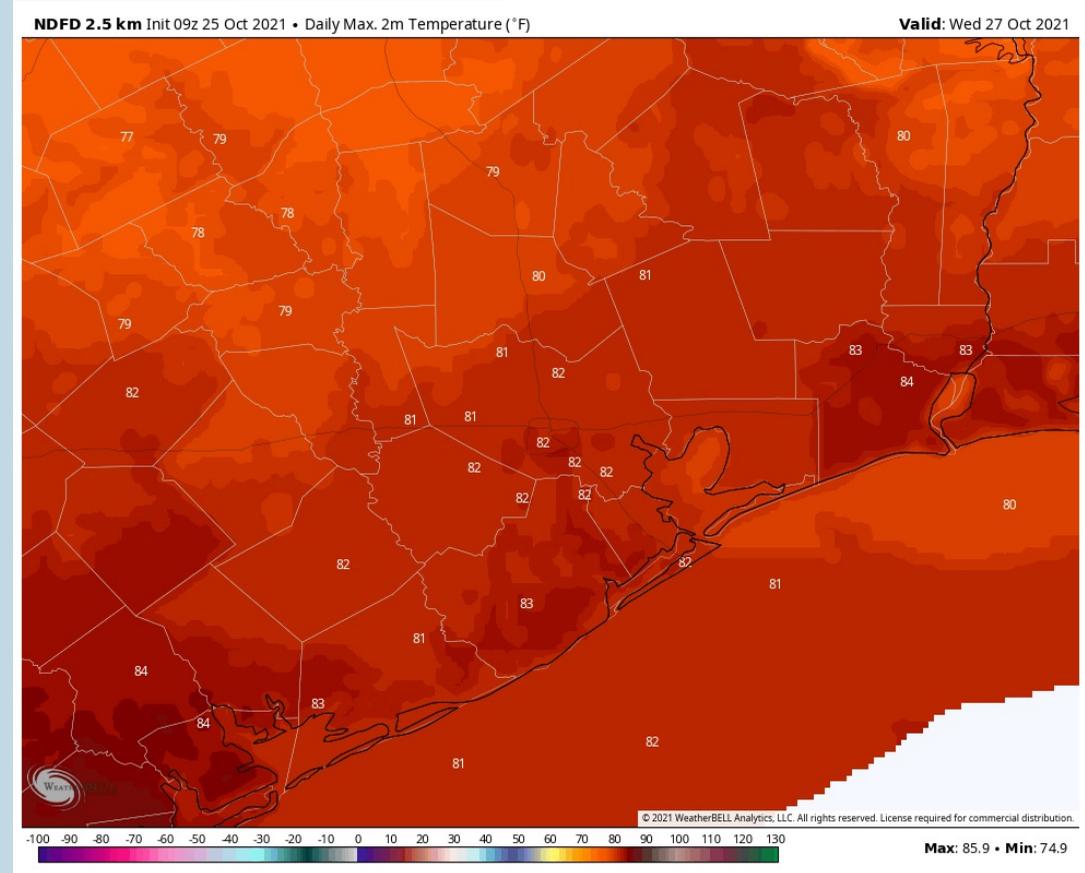
Sustained Winds (10 AM CT)



Simulated Radar Snapshot (10 AM CT)



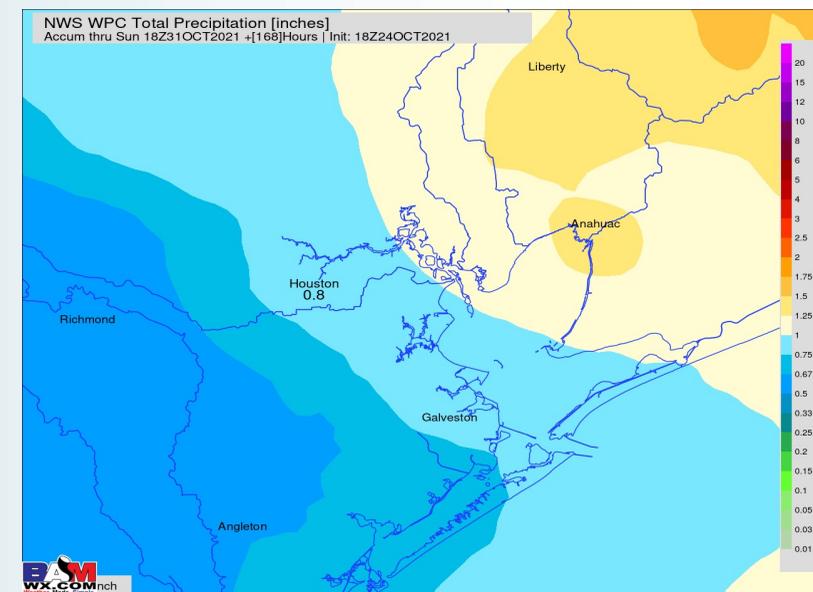
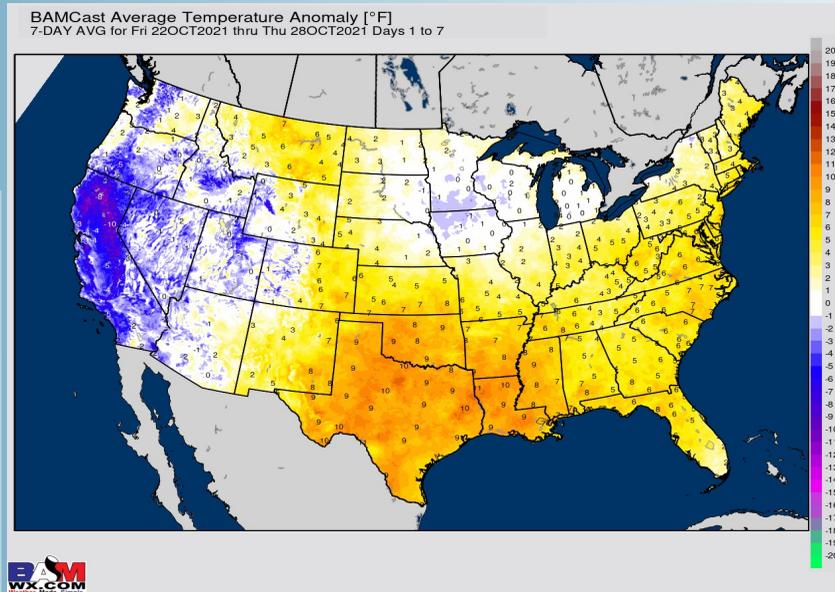
High Temps Wednesday



Week 1 Forecast

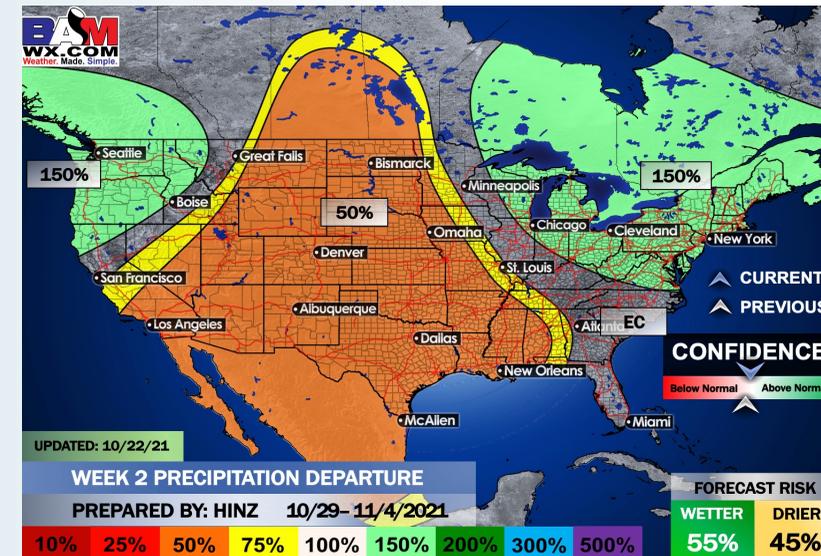
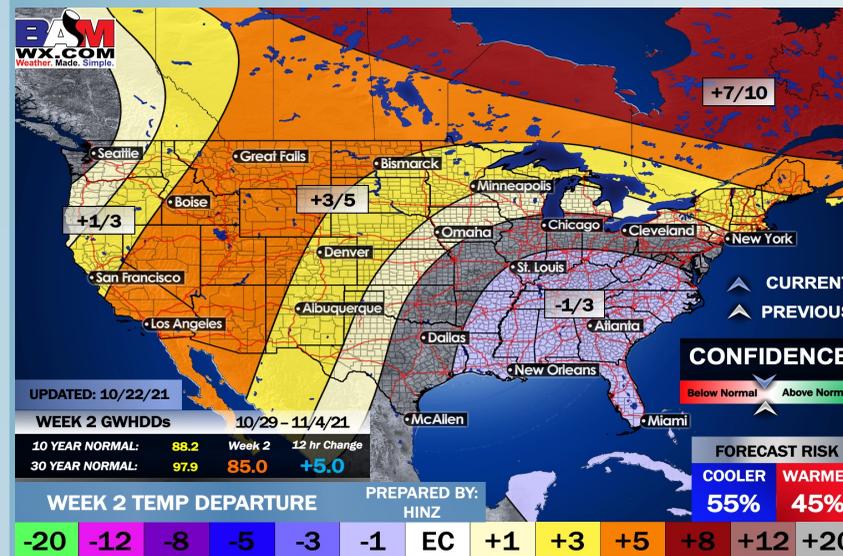
Long-Range Forecast Discussion

- Temps look to average out much above normal the next 7 days. A few chances for scattered showers/thunderstorms will be possible going into the upcoming work week.



Week 2 Forecast

- The week 2 timeframe is expected to have near normal to slightly below average temps with below average risks for precip. Not eyeing a specific threat for a tropical storm or hurricane at this distance.



Weeks 3/4 Forecast

- Right now, we have risks for about average temps and 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.

