

Houston Pilots Forecast Package



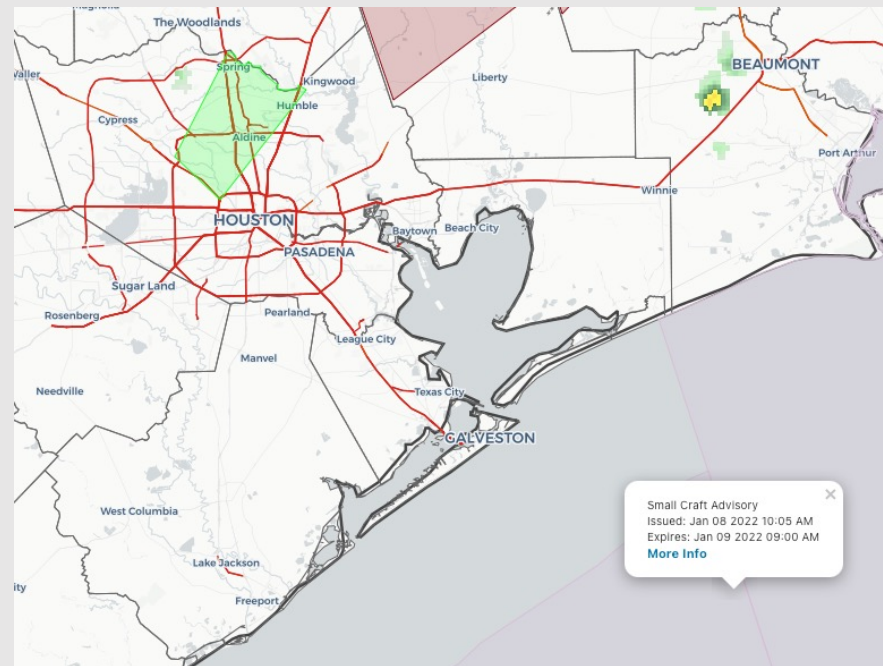
Updated: 5:00 AM CT

Sunday, January 9, 2022

Forecaster: Vince Bryan

Weather Headlines

- Scattered showers and thunderstorms will continue to be in the forecast late morning until a cold front works through the area near mid-day/ early afternoon.
- With this front winds will increase. From this evening to Mid-day Tuesday, sustained winds from the N/NE @ 15-25 MPH with gusts 25 – 35 MPH expected.
- Because of winds, early week fog is not favored. Need to watch mid-late week for fog chances to re-develop as discussed in the slides below.
- Next front to target looks to be next weekend, more details to come.



Radar/ NWS Alerts: 5:00 AM CT



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.

Houston Pilots Visibility Report



Time	01-09-2022 Sun 3am	01-09-2022 Sun 4am	01-09-2022 Sun 5am	01-09-2022 Sun 6am	01-09-2022 Sun 7am	01-09-2022 Sun 8am	01-09-2022 Sun 9am	01-09-2022 Sun 10am	01-09-2022 Sun 11am	01-09-2022 Sun 12pm	01-09-2022 Sun 1pm	01-09-2022 Sun 2pm	01-09-2022 Sun 3pm	01-09-2022 Sun 4pm	01-09-2022 Sun 5pm	01-09-2022 Sun 6pm	01-09-2022 Sun 7pm	01-09-2022 Sun 8pm	01-09-2022 Sun 9pm	01-09-2022 Sun 10pm	01-09-2022 Sun 11pm	01-10-2022 Mon 12am	01-10-2022 Mon 1am	01-10-2022 Mon 2am	01-10-2022 Mon 3am	01-10-2022 Mon 4am	01-10-2022 Mon 5am	01-10-2022 Mon 6am	01-10-2022 Mon 7am	01-10-2022 Mon 8am	01-10-2022 Mon 9am	01-10-2022 Mon 10am	01-10-2022 Mon 11am	01-10-2022 Mon 12pm	01-10-2022 Mon 1pm	01-10-2022 Mon 2pm	
Houston Pilots N - 610 Bridge	8.244	7.558	8.157	8.195	7.357	7.394	5.949	8.381	9.026	9.569	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots M - Kinder 1	8.383	7.606	8.316	8.217	7.705	7.470	5.883	8.379	9.031	9.602	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots L - Greens Bayou	8.595	8.199	8.439	8.265	8.175	7.973	5.751	8.370	9.018	9.645	9.834	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots K - Shell Crude	8.705	8.701	8.484	8.312	8.359	8.410	6.378	8.325	9.020	9.696	9.787	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots J - Lynchburg Ferries	8.633	8.630	8.467	8.321	8.352	8.448	6.276	8.288	8.975	9.688	9.669	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	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots I - Exxon 3	8.689	8.610	8.428	8.313	8.388	8.419	7.737	8.129	8.858	9.611	9.658	10.000	10.000	10.000	10.000	10.000	9.930	9.930	9.922	9.930	9.930	9.894	9.901	9.908	9.908	9.908	9.916	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots H - Morgans Point	8.424	8.386	8.294	8.245	8.086	8.153	8.052	7.556	8.335	9.261	9.292	10.000	10.000	10.000	10.000	9.867	9.723	9.723	9.715	9.723	9.723	9.699	9.708	9.716	9.716	9.716	9.975	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots G - 75/76	8.020	8.188	8.169	8.138	7.536	7.986	7.576	6.871	6.641	8.210	8.226	9.221	10.000	10.000	10.000	9.625	9.507	9.480	9.455	9.456	9.456	9.447	9.464	9.490	9.499	9.515	9.839	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots F - 63/64	7.717	7.978	7.993	7.956	7.182	7.615	7.240	6.374	4.627	6.470	6.599	7.878	10.000	10.000	10.000	9.409	9.335	9.249	9.198	9.204	9.209	9.243	9.279	9.315	9.327	9.356	9.651	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots E - 51/52	7.603	7.910	7.923	7.848	7.301	7.504	7.484	6.535	4.272	5.291	5.333	6.697	9.186	10.000	10.000	9.245	9.258	9.106	9.001	8.991	9.013	9.080	9.174	9.221	9.251	9.284	9.424	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots D - 37/38	7.222	7.662	7.884	7.814	7.703	7.602	7.958	6.803	5.227	4.868	5.564	6.921	8.819	10.000	10.000	9.142	9.266	9.044	8.816	8.752	8.803	8.876	9.078	9.184	9.240	9.264	9.248	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots C - 25/26	6.814	7.218	7.737	7.758	7.697	7.729	7.924	6.937	6.631	4.475	5.620	7.009	8.192	10.000	10.000	8.950	9.205	8.988	8.745	8.687	8.743	8.806	9.016	9.144	9.203	9.195	9.178	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots B - 11/12	6.470	6.554	7.464	7.678	7.613	7.732	7.843	6.899	7.045	4.384	4.824	5.424	6.467	9.594	10.000	8.586	9.086	8.988	8.798	8.678	8.726	8.748	8.907	9.041	9.100	9.085	9.067	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Houston Pilots A - 1 & 2 Bravo	6.336	6.230	7.285	7.596	7.739	7.944	7.927	7.388	7.250	5.786	5.324	4.350	3.159	7.586	10.000	8.033	8.988	8.988	8.949	8.910	8.910	8.952	8.991	9.007	9.033	9.033	9.018	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000

Any reduced visibility looks to come from mist/ precipitation rather than widespread dense fog out through early afternoon.

Houston Pilots Extended Range Visibility Report



Wednesday, 1/12/22

Fog is not favored Wednesday AM as winds do not look to have enough time to turn more favorable for fog development, however there is still enough of a chance to at least keep the possibility in the forecast. This is a low end chance, however.



Friday, 1/14/22

Elevated winds out of the south Fri AM ahead of the upcoming front Fri PM/Sat AM. Fog development will be possible ahead of the front with southerly winds. **Currently, of all the days this week, fog would be most likely to occur on Friday.**



Thursday, 1/13/22

With winds now more out of the south and light, the potential for fog Thu AM looks to be a little higher than Wed. Some data is already trying to pick up on reduced visibilities.



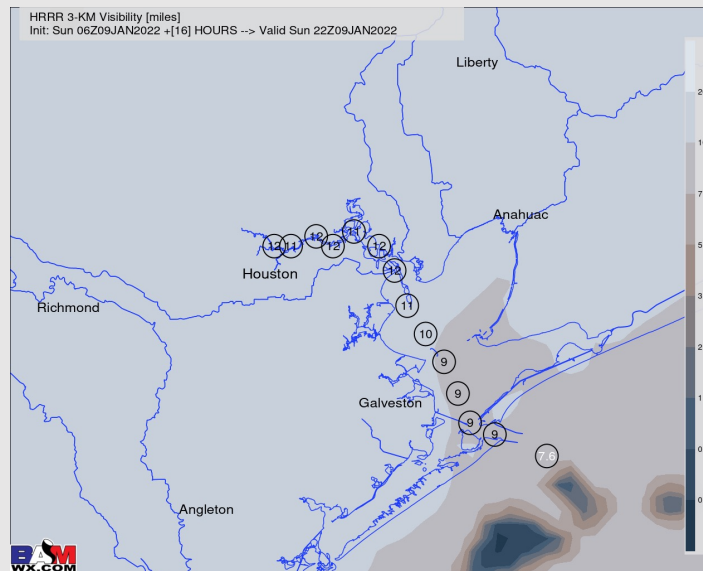
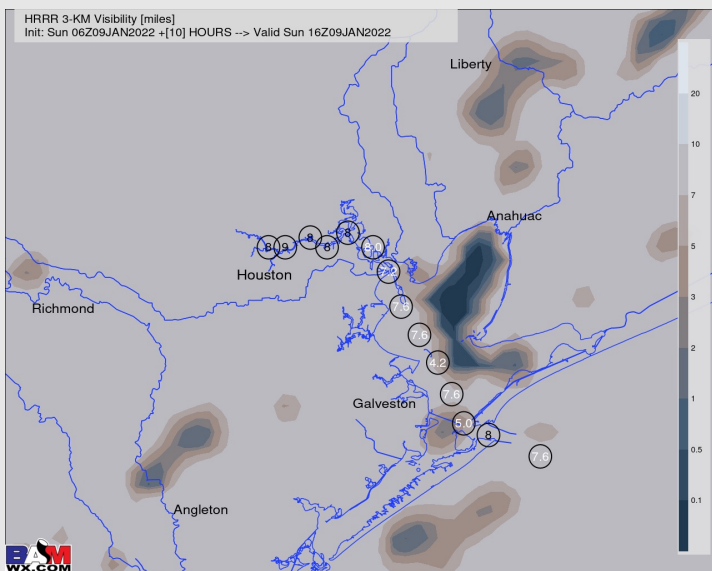
Daily Fog Chance	
Wednesday AM	Possible
Thursday AM	Possible
Friday AM	Possible

Houston Pilots Visibility Report

9 AM CT SUN Visibility (miles)

4 PM CT SUN Visibility (miles)

Confidence



**Above
Normal**

**Below
Normal**

Reduced Visibility Threat

CURRENT ~ 1 PM SUN

**Low-
Medium**

- Pockets of reduced visibility this morning look to be coming from mist/ patchy fog based on current observations.
- While a pocket or two of patchy fog cannot be 100% ruled out, we believe any reduced visibility would likely continue to be hit and miss in nature and likely coming from misty lower clouds. This applies for all stations.
- Confidence continues to run a bit lower than normal given exact type of reduced visibility that can be around (mist vs fog) and the extent of coverage.
- While the cold front works through the area (11 AM – 1 PM for N half of stations , Noon – 2 PM for S half of stations), reduced visibility coming from a locally heavier downpour will be possible.
- Once the is front is fully out of the area by the 2-3 PM window, we expect the precipitation and reduced visibility threat to slowly subside as drier air will filter in from the N.

Houston Pilots: *Sun. 1/9/2022*

Forecast Discussion

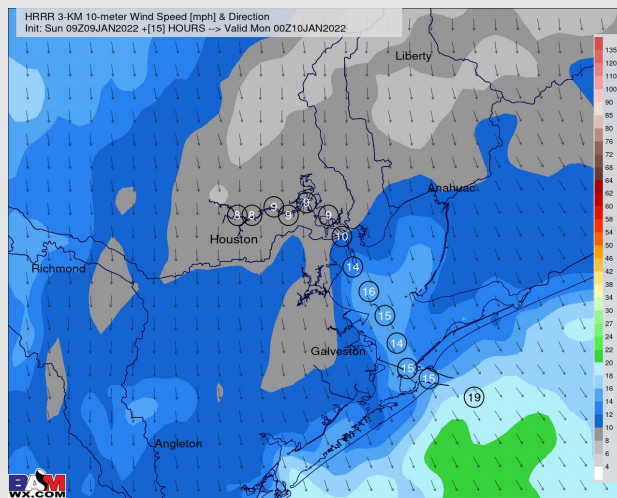
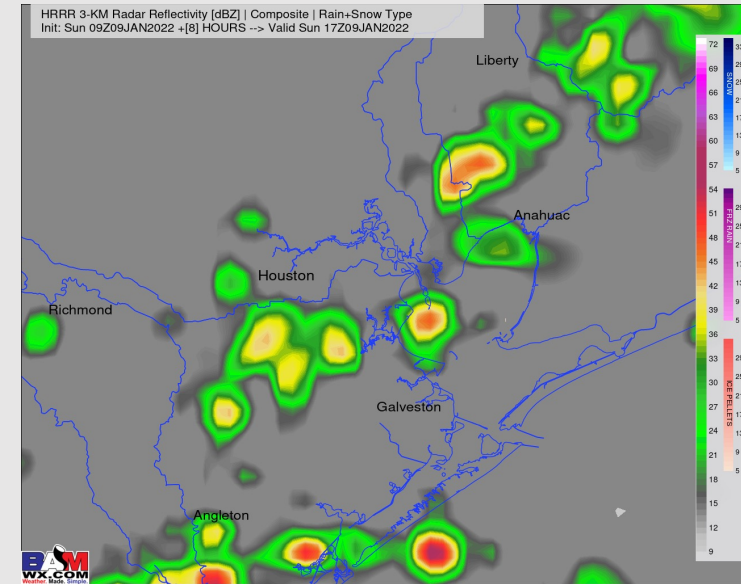
Precip: Most locations are currently not seeing precip with a few spots reporting a mist. Things likely change over the next few hours as the front will swing through the area and provide a round of scattered showers and thunderstorms. This front and associated precip crosses the Northern stations in the 11 AM – 1 PM window and the Southern stations in the Noon - 2 PM timeframe. A locally stronger storm cannot be ruled out with lightning, a heavier downpour, and gusts to 25 MPH, but widespread severe weather is not likely.

Wind: Winds pre-cold front will be S/ SW at 10-15 MPH with gusts 15-20 MPH. As the cold front passes, winds will start to shift out of the NNW and will be on the increase. Around 4-5 PM, winds will be at 15-20 MPH sustained out of the north (gusts 20-25), and sustained 20-25 MPH by the 8-9 PM timeframe. Gusts 25-30 (iso 35) MPH will be possible at the boarding station in this timeframe and into the overnight.

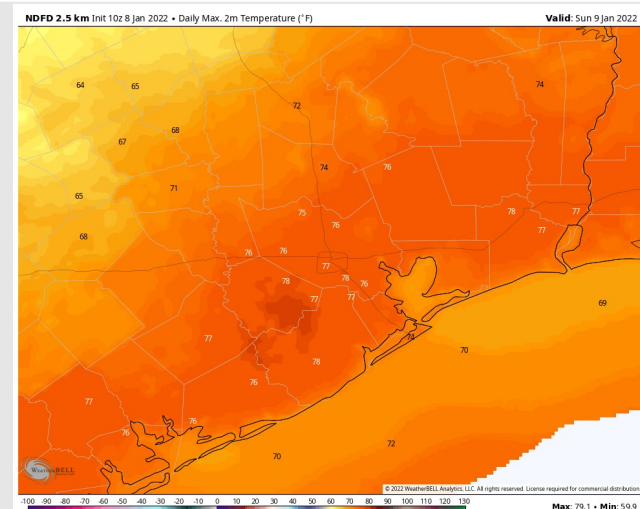
Temps: High temps look to get into the low to mid 70's.

Visibility: See slide above for more info on the reduced visibility threat.

Precip Forecast: 11 AM CT



Wind Speed
6 PM CT



High Temps

Houston Pilots: Mon. 1/10/2022

Forecast Discussion

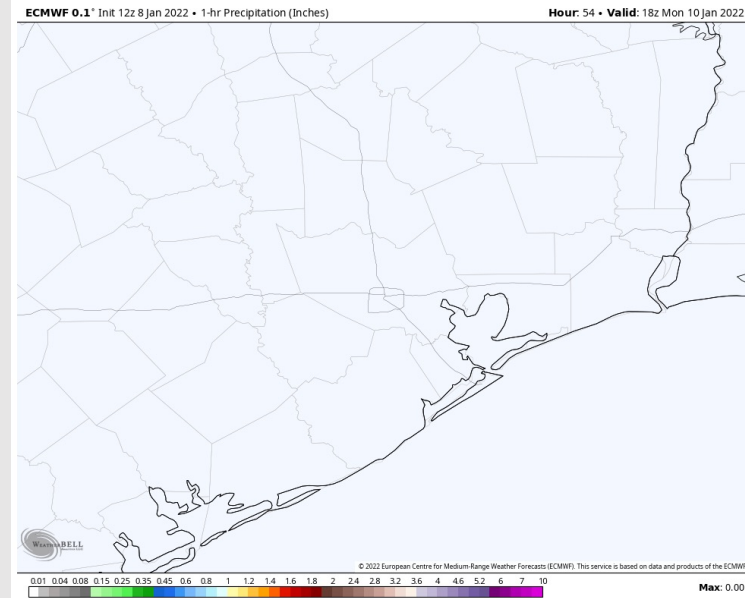
Precip: Dry conditions are anticipated for our stations on Mon.

Wind: Sustained winds look to continue 23 - 28 MPH out of the NNE for Mon AM, and veer more out of the NE in the evening. Gusts 28 - 35 MPH will continue to be possible at the boarding station the entire day.

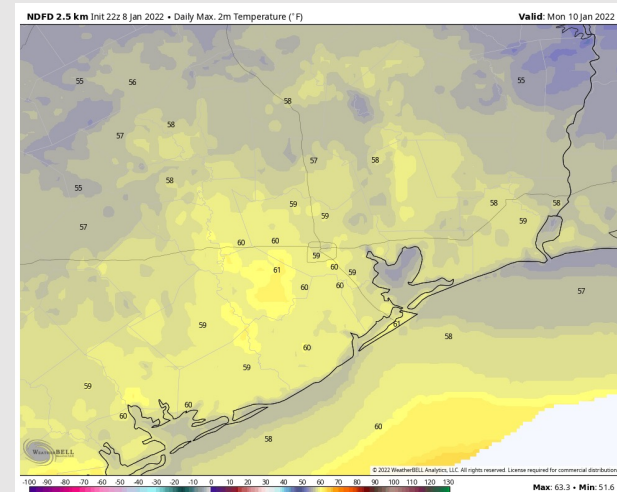
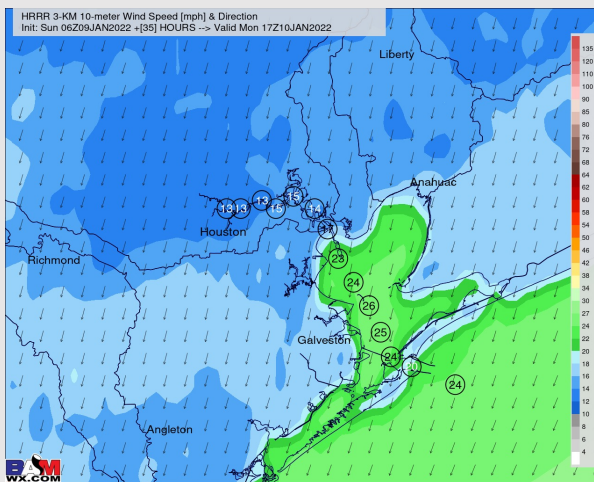
Temps: High temps on Mon look to only get into the upper 50s to low 60s F.

Visibility: Not anticipating fog for Mon with elevated NE winds.

Precip Forecast: 12 PM CT



Wind Speed
11 AM CT



High Temps
Monday

Houston Pilots: *Tue. 1/11/2022*

Forecast Discussion

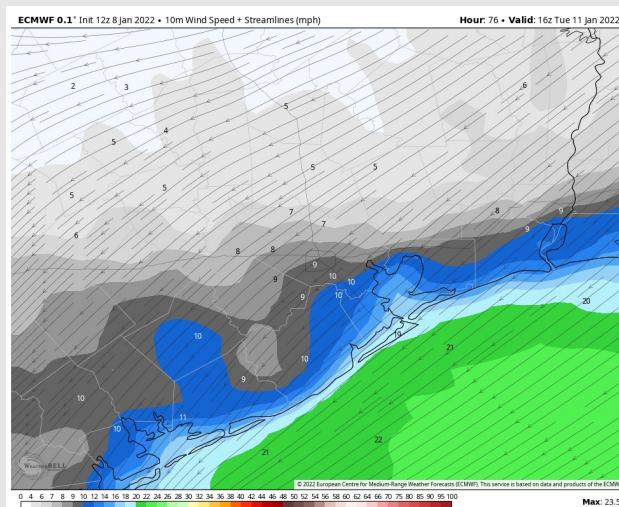
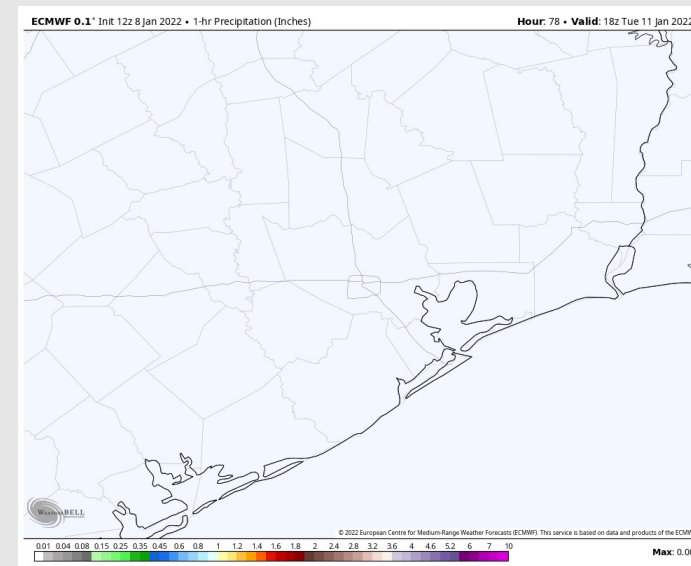
Precip: Anticipating dry conditions to continue for our stations on Tue.

Wind: Sustained winds look to continue 20-25 MPH out of the NE with gusts 25-30 MPH at the boarding station into Tue AM. Around 11 AM - Noon, winds look to slowly start decreasing at 18-23 MPH sustained. 13-18 MPH sustained by 1-2 PM is favored. Gusts 20-25 MPH continue to be possible at the boarding station through 2 PM. Sustained winds look to be 10-15 MPH with gusts 15-20 MPH by the 4-5 PM timeframe and continue through midnight at the boarding station. Winds start to veer more out of the E near midnight.

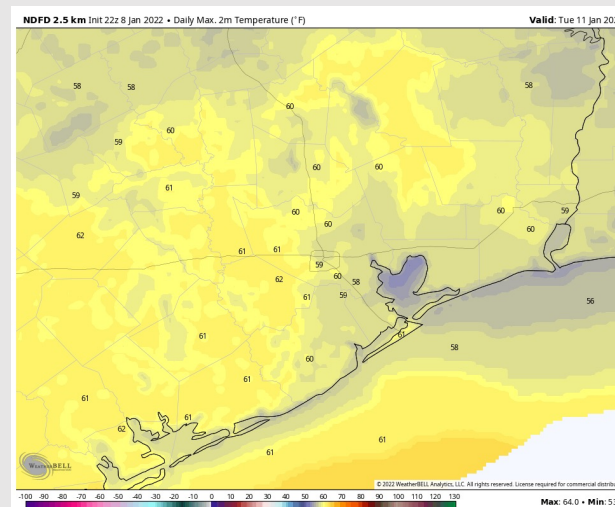
Temps: High temps on Tue look to continue to only get into the upper 50s to low 60s F.

Visibility: Not anticipating fog for Tue with elevated NE winds continuing.

Precip Forecast: 12 PM CT

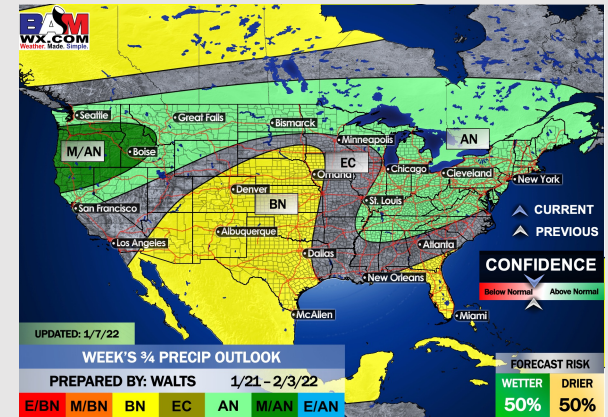
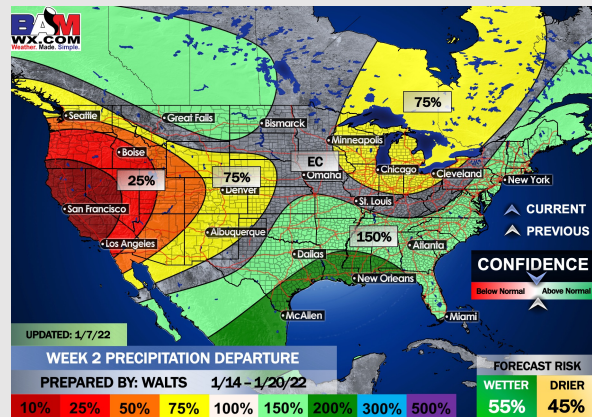
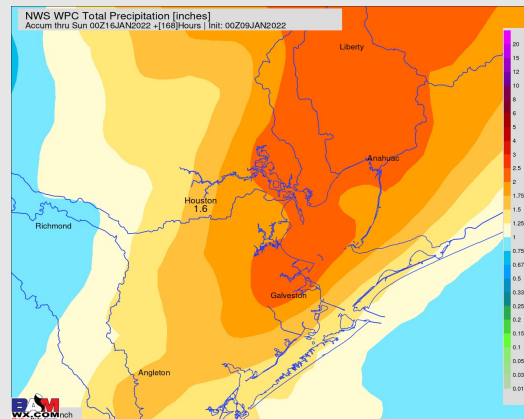
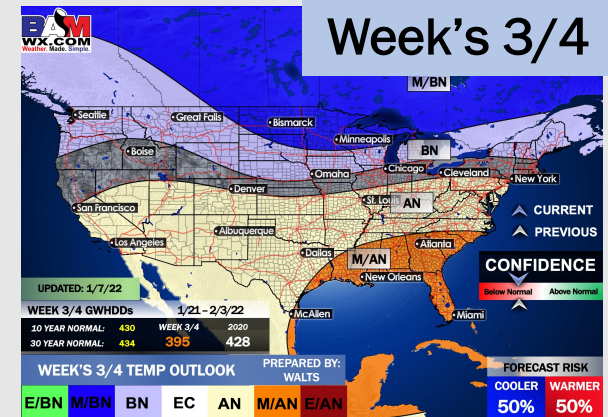
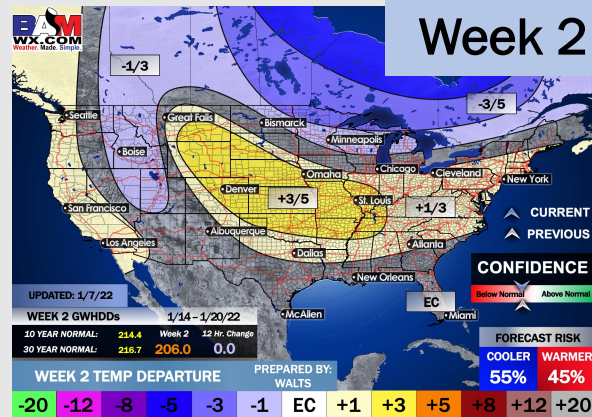
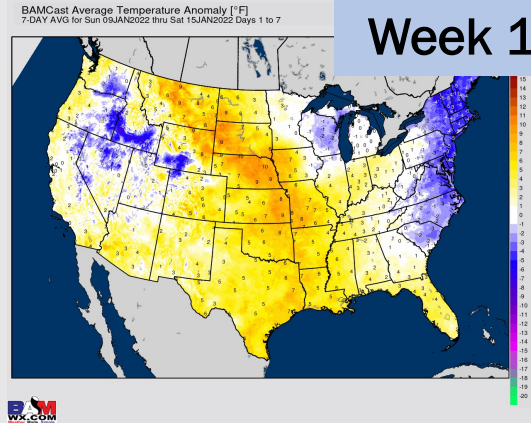


Wind Speed:
10 AM CT



High Temps
Tuesday

Houston Pilots: 1/9/22



- After scattered showers/thunderstorms today, anticipating dry conditions for the next several days, with next front anticipated Fri/Sat. After cooler temps the first half of the work week, temps rebound to average out above normal.
- The week 2 timeframe is expected to have near normal temperatures with above normal risks for precip.
- Right now, we are favoring above normal risks for temperatures and slightly below normal risks for precip for the weeks 3 and 4 timeframe.