

Houston Pilots Forecast Package



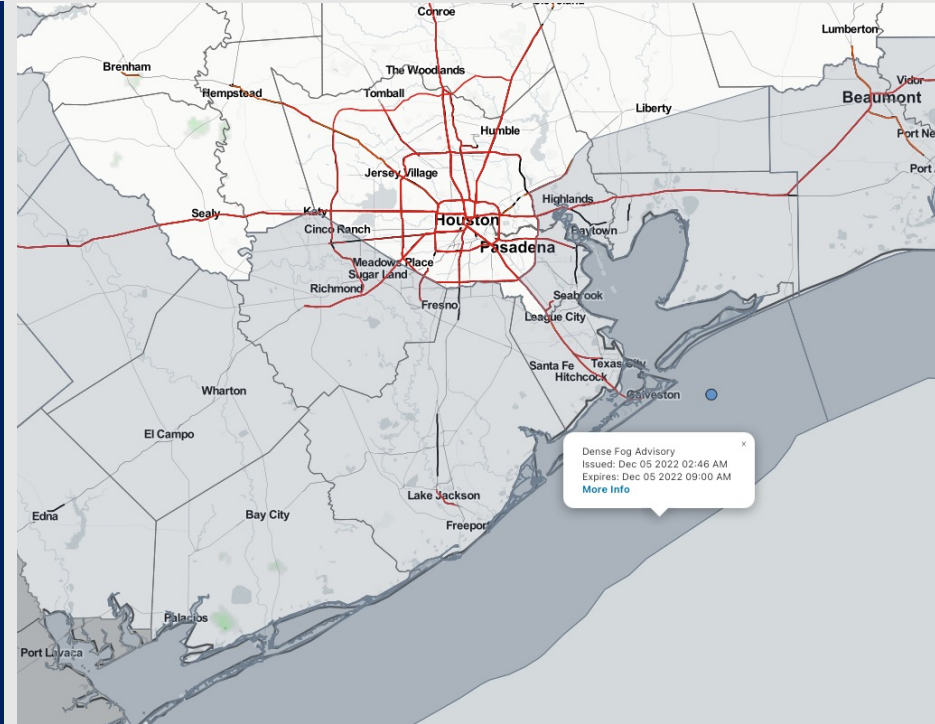
Updated: 7:00 AM CT

Monday, December 5, 2022

Forecaster: Tyler Hollingsworth

Weather Headlines

- Hit and miss pockets of drizzle will possible the next few days.
- Winds will generally stay within the 5 – 15 kt range over the next three days. Winds will be generally out of the ESE/SE and continue at this direction for the next three days.
- **Widespread dense fog to continue this morning and will slowly lessen this morning for Northern stations.**
- **Fog will continue to be possible until a front lifts chances later this week. More details below.**



Radar/NWS Alerts: 6:35 PM CT

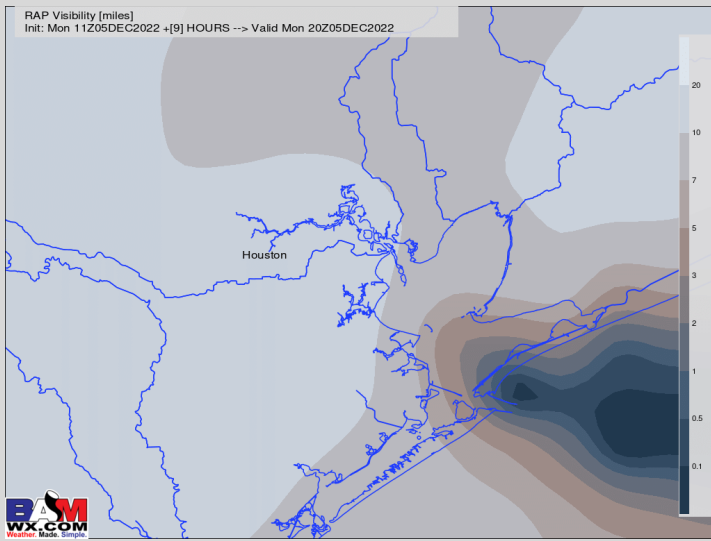
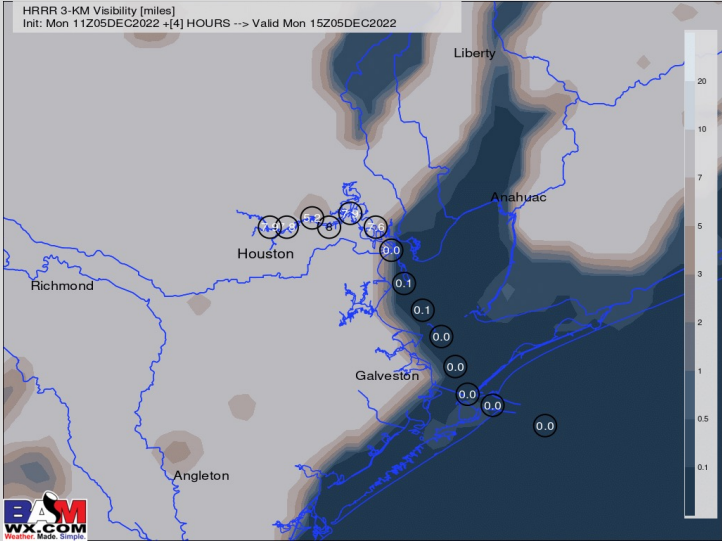


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



9 AM MON Visibility 4 PM MON Visibility



Confidence



Reduced Visibility Threat

NOW – 12 AM TUE **Medium-High**

- Dense fog around the area will continue out through mid-morning. By ~9-10 AM, expectation is for fog to gradually lift some primarily for stations north of 75/76. The uncertainty comes for locations south of there and just how long fog can linger.
- Currently favoring fog to be a bit more patchy around the Boarding Station for late morning and early afternoon. This is likely a case where even for areas not under pockets of fog, visibilities may only be of a few miles thanks to a rather low could deck.
- By late afternoon (5-6 PM) and through the evening hours, fog likely can slowly creep back north more across the Galveston Bay. The risk here is that winds are a bit more out of the SW and can limit extent of fog. This will need refined in coming updates, but currently expecting fog this evening. Fog would likely lift near midnight as there is higher confidence in the wind stronger from the SW and limiting potential.

Houston Pilots Extended Range Visibility Report



Thursday 12/8/22

Spotty showers with SSE flow will allow for the possibility of patchy fog across all stations. By the afternoon, winds calm to (0 – 5 kts). Area of concern will be around the Boarding Station. All other stations appear to receive patchy fog.



Saturday 12/10/22

Strong winds from the east continue in the AM. By the afternoon, winds calm shift again from the SE, however, become more elevated to 17 kts by midnight.



Friday 12/9/22

Calm winds of less than 5 kts in the early AM hours. A cold front will move through the area Friday AM and likely wipe out fog chances for the rest of Friday.



Chance for Reduced Visibility

Thursday AM	Possible
Thursday PM	Possible
Friday AM	Possible
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

Houston Pilots Visibility Report



Time	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm		
610 Bridge	0.42	0.29	0.42	0.42	2	5	9	10	10	10	10	10	10	10	10	10	10	10	7	6	5	6	5	5	5	5	4	5	7	10	10	10	10	10	10	10	10	
Kinder 1	0.42	0.29	0.42	0.42	2	5	9	10	10	10	10	10	10	10	10	10	10	10	7	6	5	6	5	5	5	5	5	5	8	10	10	10	10	10	10	10	10	
Greens Bayou	0.39	0.29	0.39	0.39	2	5	9	10	10	10	10	10	10	10	10	10	10	7	7	6	6	6	6	6	6	6	6	7	8	10	10	10	10	10	10	10	10	
Shell Crude	0.3	0.29	0.3	0.3	2	4	9	10	10	10	10	10	10	10	10	10	10	10	8	7	6	6	6	7	7	7	8	9	9	10	10	10	10	10	10	10	10	
Lynchburg Ferries	0.29	0.29	0.29	0.29	2	4	9	10	10	10	10	10	10	10	10	10	10	10	8	7	6	6	6	7	7	7	8	9	9	10	10	10	10	10	10	10	10	10
Exxon 3	0.29	0.29	0.29	0.29	2	4	9	10	10	10	10	10	10	10	10	10	10	8	8	7	6	6	6	7	7	7	8	9	9	10	10	10	10	10	10	10	10	10
Morgans Point	0.29	0.29	0.29	0.29	2	4	8	10	10	10	10	10	10	10	10	10	10	8	8	7	6	6	6	7	7	7	8	9	9	10	10	10	10	10	10	10	10	10
75/76	0.29	0.29	0.29	0.29	0.89	4	7	10	10	10	10	10	10	10	10	10	10	8	8	7	6	6	6	7	7	7	8	9	9	10	10	10	10	10	10	10	10	10
63/64	0.29	0.29	0.29	0.29	0.43	4	7	10	10	10	10	10	10	10	10	10	10	7	8	7	6	6	6	7	7	7	8	9	9	10	10	10	10	10	10	10	10	10
51/52	0.29	0.29	0.29	0.29	0.29	4	7	10	10	10	10	10	10	10	10	10	9	7	7	7	5	5	5	7	7	7	8	9	9	10	10	10	10	10	10	10	10	10
37/38	0.29	0.29	0.29	0.29	0.29	4	7	10	10	10	10	10	10	10	10	8	9	6	6	6	5	5	5	6	7	7	8	9	9	10	10	9	10	9	10	9	10	10
25/26	0.29	0.29	0.29	0.29	0.29	4	7	10	10	10	10	10	10	10	10	8	8	6	6	7	7	7	7	7	8	9	9	9	9	10	10	8	10	8	10	8	10	10
11/12	0.29	0.29	0.29	0.29	0.29	4	6	10	10	10	10	10	10	10	8	6	7	6	6	7	7	7	7	7	8	8	9	9	9	10	10	8	8	8	8	8	9	10
1 & 2 Bravo	0.29	0.29	0.29	0.29	0.29	0.53	1	8	8	9	9	8	5	1	4	4	7	5	5	6	6	6	7	7	8	9	9	9	9	9	8	8	8	8	8	8	8	8

Please check slides above for official thinking on fog as the chart is likely not perfect.

Houston Pilots: Mon. 12/5/2022

Forecast Discussion

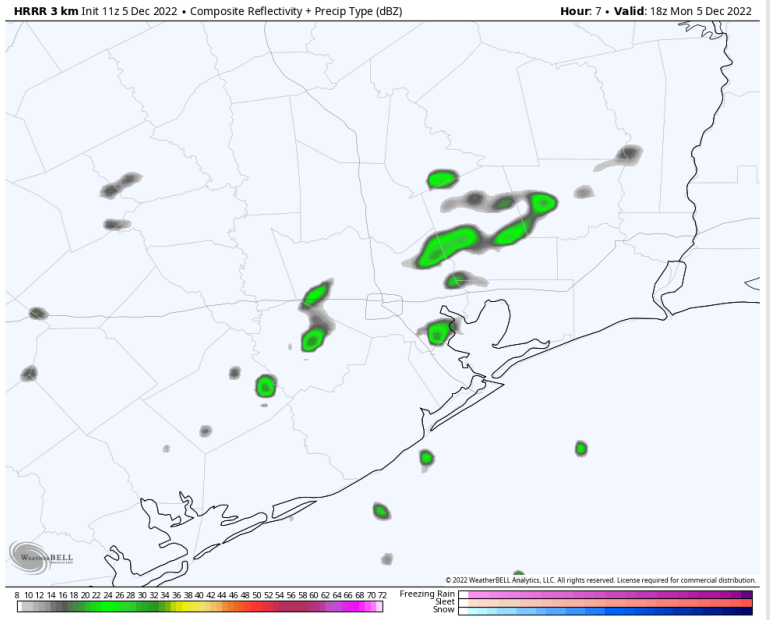
Precip: A slight chance (20%) for a few pockets of drizzle/ light showers through the day. By no means a washout and there will be plenty of drier hours.

Wind: SE winds in the morning will shift from the S by 8 AM and continue for the remainder of the morning. Winds N of Morgan's Point will start out at 2 – 7 kts and S of Morgan's Point will be elevated at 5 – 10 kts. By 12 PM winds will pickup across all stations to 10 – 16 kts for the afternoon and evening. An occasional wind gust up to 20 kts will be possible at the Boarding station in the late evening 10 PM – 12 AM timeframe. Expecting more of a SW component for the afternoon hours.

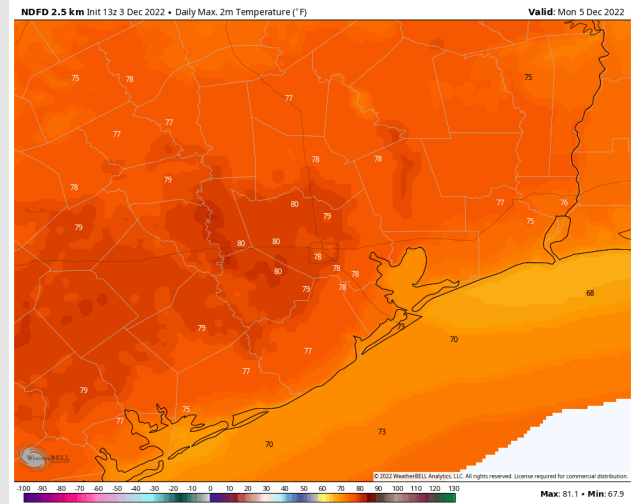
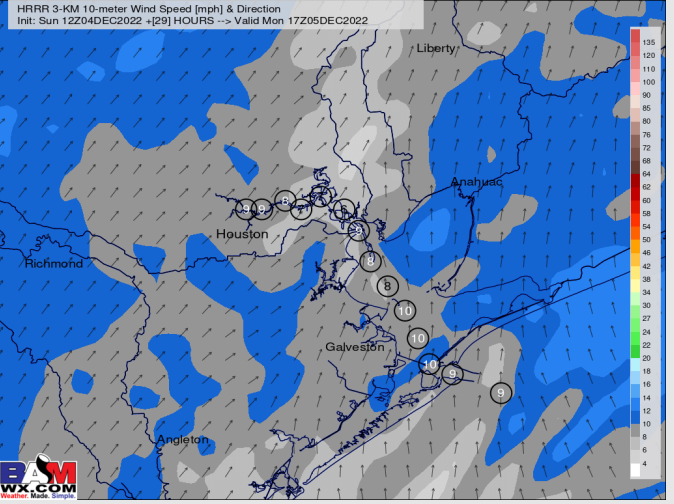
Temps: High temperatures Friday will be in the mid to upper 70s F across all stations except the Boarding Station, where temperatures will be around 70 F.

Visibility: Check slides above for more thinking on fog.

Precip Forecast: 11 AM CT



Wind Speed
2 PM CT



High Temps
Today

Forecast Discussion

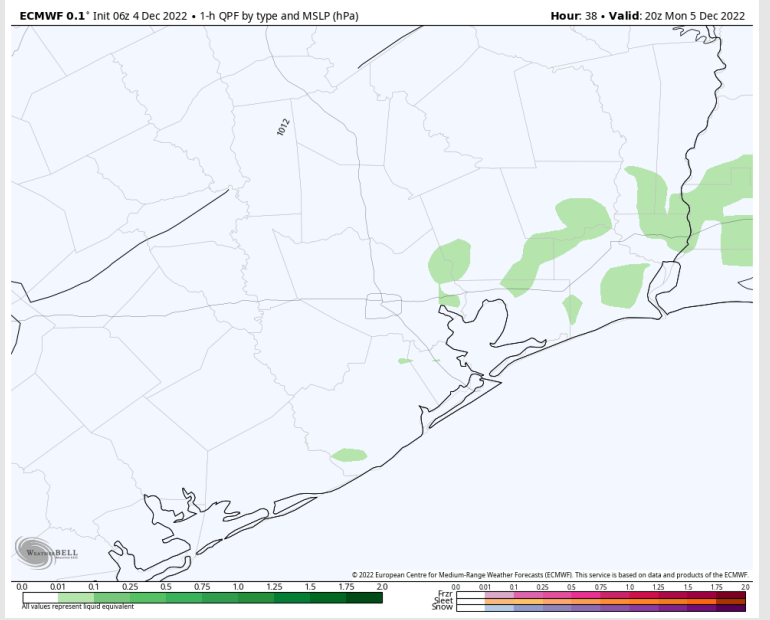
Precip: A slight chance (20%) for a pop-up spotty shower in the 10 AM – 4 PM timeframe, otherwise anticipating dry conditions.

Wind: Sustained winds from the S the entire day. Winds N of Morgan's point will start out at 5 – 9 kts and S of Morgan's Point will be 9 – 13 kts. Around 10 AM, winds will pickup across all stations to 10 – 15 kts and remain as such for the rest of the evening. Gusts of up to 23 kts will be possible from 11 AM – 5 PM N of Morgan's Point.

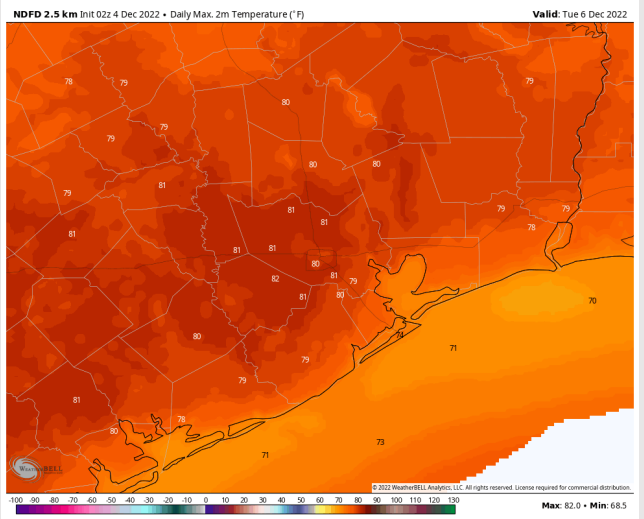
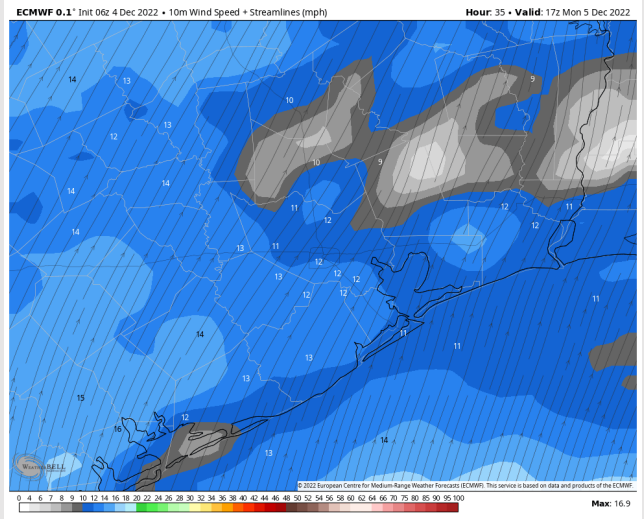
Temps: High temps will be in the upper 70s to near 80 F N of Morgan's Point and in the mid to lower 70s F S of Morgan's Point.

Visibility: As of this report, fog is not expected to be a concern for Tuesday as winds will be out of the SW and slightly less favorable for fog.

Precip Forecast: 2 PM CT



Wind Speed
11 AM CT



High Temps
Tuesday

Forecast Discussion

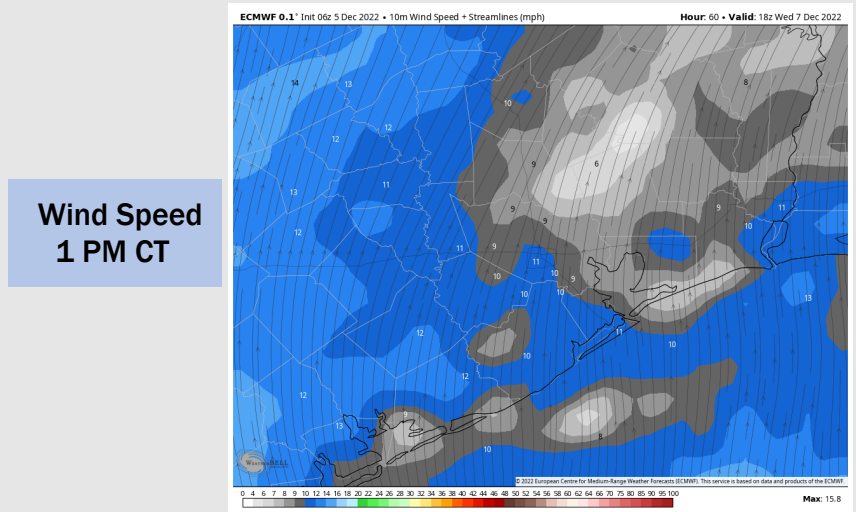
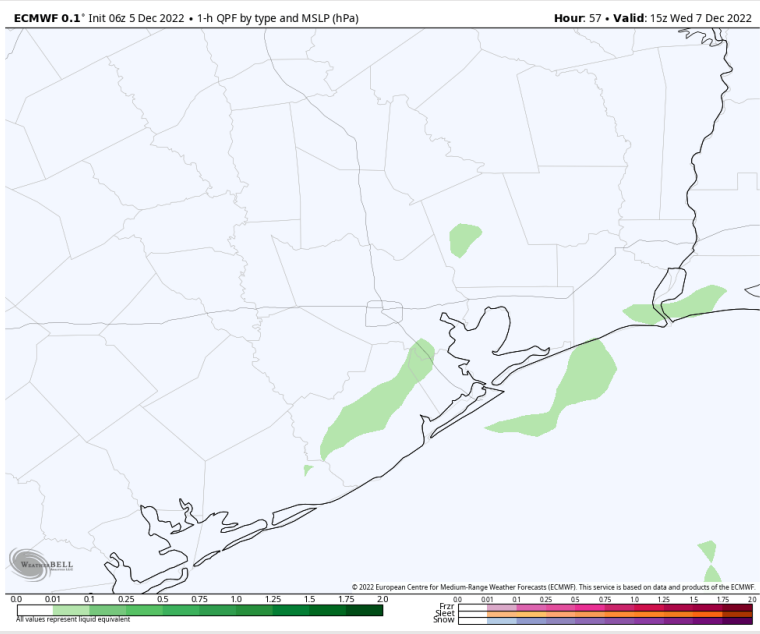
Precip: Wednesday looks to be similar with another shot of hit and miss pockets of drizzle and light rain showers possible for much of the day. Again, not an all day rain but chances will stick around.

Wind: Sustained winds out of the S/SE throughout the day. 4 – 8 kts N of Morgan’s Point and 8 – 11 kts S of Morgan’s Point until 12 PM. After 12 PM and for the rest of the evening, winds for all stations are at 7 -12 kts.

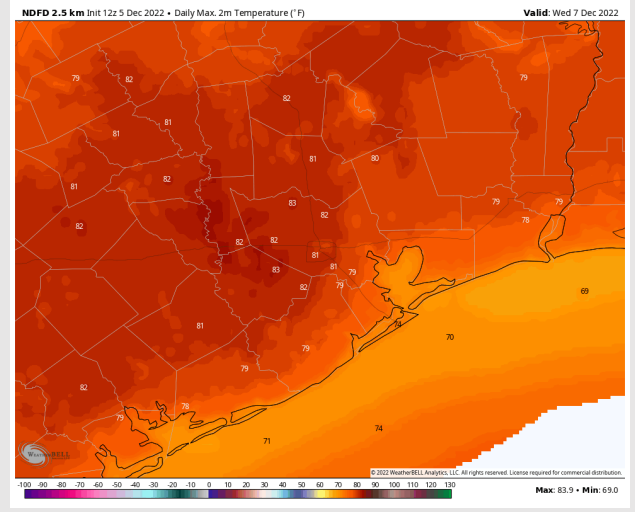
Temps: High temps Wednesday in the upper 60s F south of Morgan’s Point and lower 70s F north of Morgan’s Point.

Visibility: Specifics will certainly need refined, but a threat for patchy fog exists for Wednesday as well given the winds continue from the south.

Precip Forecast: 4 PM CT

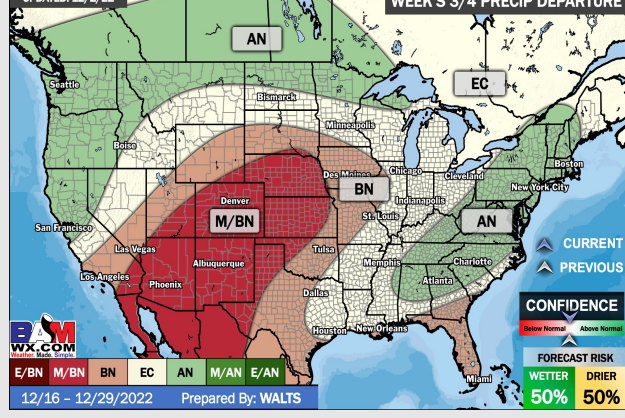
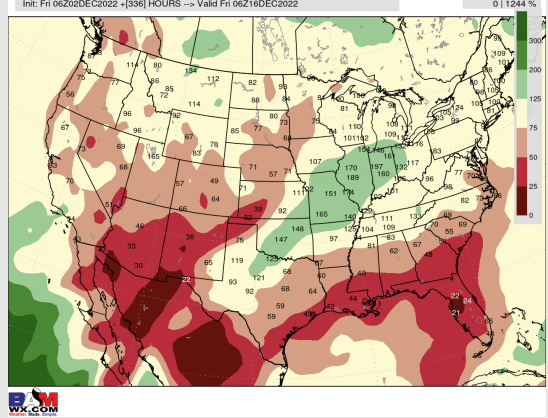
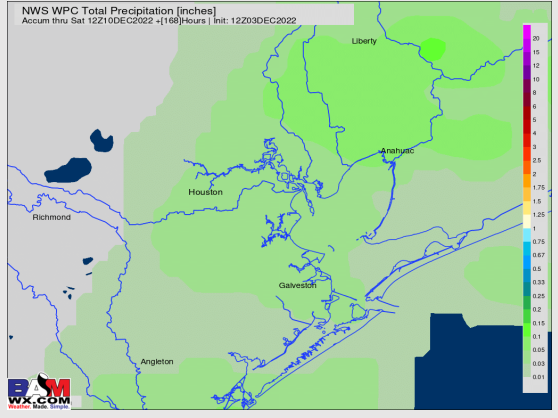
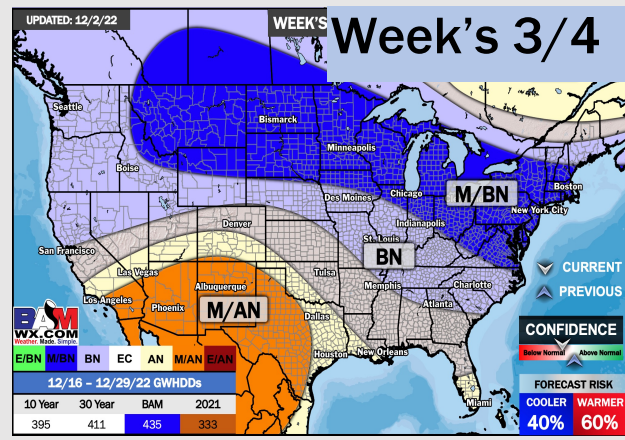
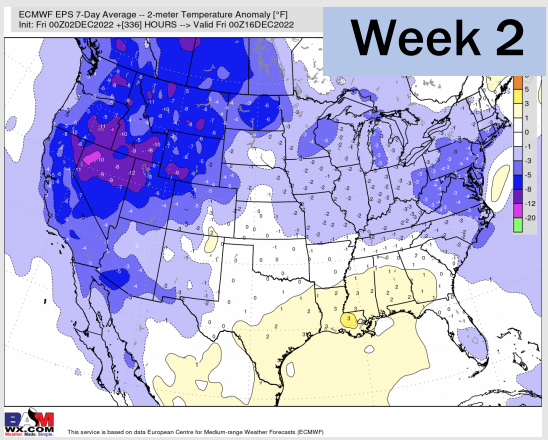
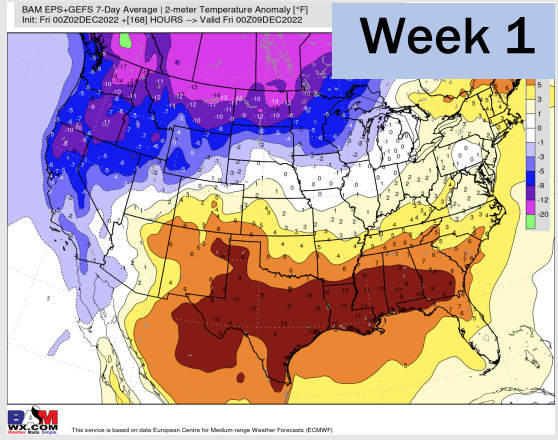


Wind Speed
1 PM CT



High Temps
Wednesday

Houston Pilots: 12/5/22



- Very low rain chances this evening with rain chances to follow through Tuesday AM. Week 1 temperatures to be above normal.
- Week 2 is expected to be slightly above normal for temperatures and below normal for rain chances for mid December.
- The weeks ¾ timeframe looks to feature above normal temperatures and equal chances for precipitation.