

Houston Pilots Forecast Package



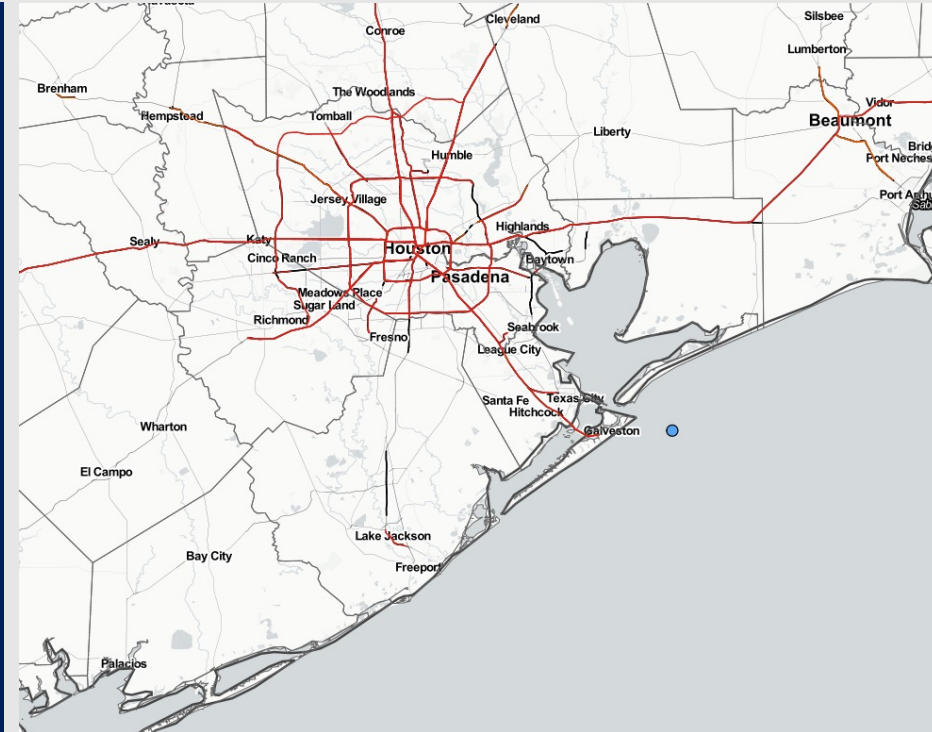
Updated: 5:00 AM CT

Tuesday, December 6, 2022

Forecaster: Vince Bryan

Weather Headlines

- Hit and miss pockets of drizzle will be possible the next few days. Not expecting a washout of precipitation.
- 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.
- **Fog chances will be at play over the next 48 hours. Please check out the slides below where we try to nail down timing as best as possible.**



Radar/NWS Alerts: 5:00 AM CT

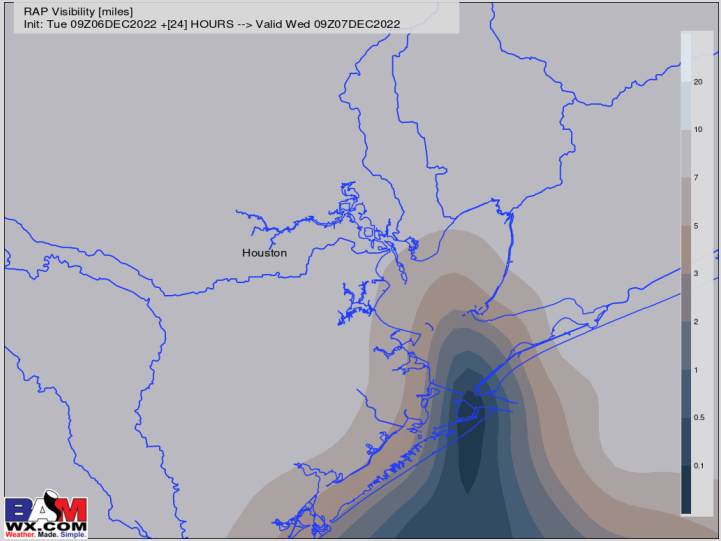


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

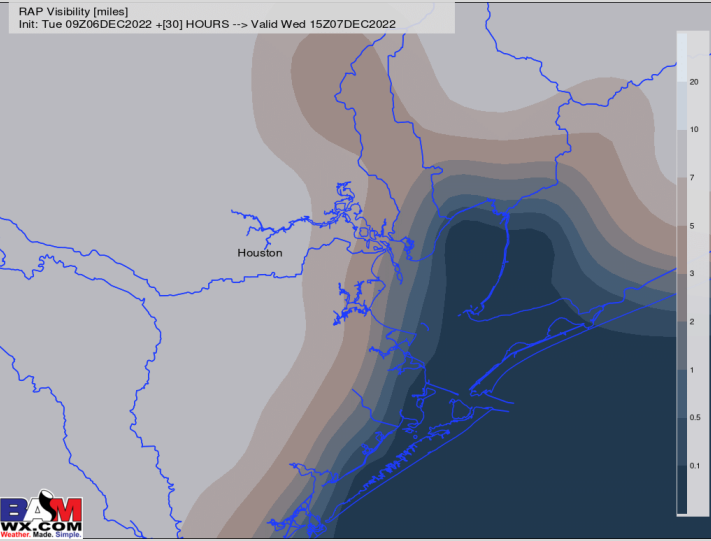
Houston Pilots Visibility Report



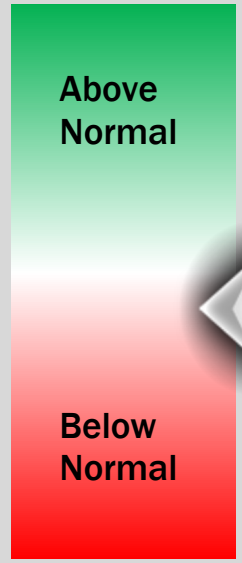
3 AM CT WED VISIBILITY



10 AM CT WED VISIBILITY



Confidence



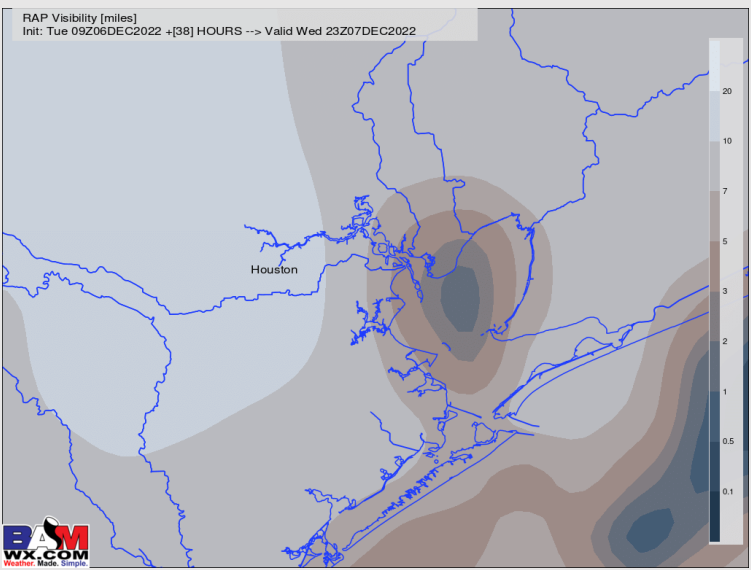
Reduced Visibility Threat
7 PM TUE – Noon WED **Medium**

- The period with the lowest forecast confidence comes between 7PM tonight through 3 AM Wednesday. **Currently, we are not favoring fog across the area in this timeframe, however this window is a non-0 risk for patchy fog for our stations that should be monitored.** (There are a few parameters that are borderline in terms of fog development).
- **After ~3 AM is when confidence & chances increase for impacts from fog. More of a SE wind allows for fog development.** All stations will be at risk in this timeframe (greatest risk will be Morgans Point to Boarding Station, however). Timing needs refined, but there is the threat for stations south of Morgan's Point to see fog linger out through at least Noon-3 PM on Wednesday (more details on the slide below).

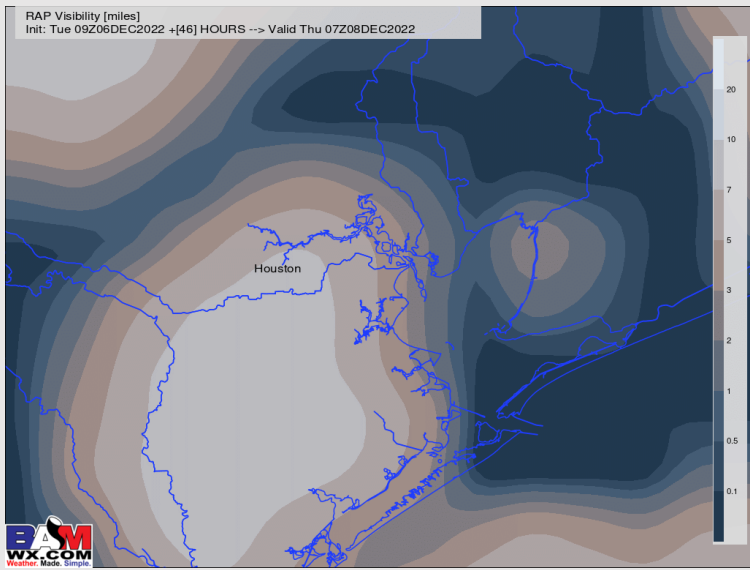
Houston Pilots Visibility Report



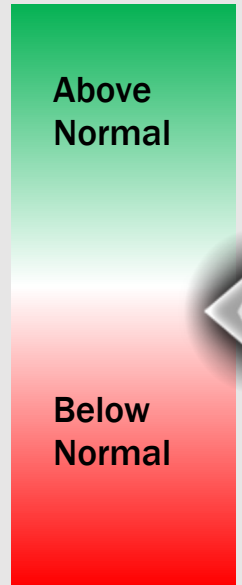
6 PM WED VISIBILITY



1 AM THU CT VISIBILITY



Confidence



Reduced Visibility Threat

Noon WED – 7 AM THU **Medium**

- Noon to ~7 PM Wednesday will be a window where the extent of any lingering fog is still uncertain, however this is likely a period where most stations can avoid visibility concerns. If there is any patchy fog, it would likely take place at the boarding station. This is overall the period where details may be very hard to nail down.
- The rest of Wednesday evening and into Thursday morning, there is higher than average confidence being 36-48 hours out that fog will be in the cards again. All stations look to be impacted, and it is likely not until mid-late AM for fog to lift. Fog is likely dense at times with visibility of less than 1 mile.

Houston Pilots Extended Range Visibility Report



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.



Saturday 12/10/22

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



Sunday 12/11/22

Winds will shift from the NW Sunday AM and calm to light and variable in the evening. By midnight winds will again shift from the south.



Chance for Reduced Visibility

Friday AM	Possible
Friday PM	Unlikely
Saturday AM	Possible
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely

Houston Pilots Visibility Report



Time	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	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm
610 Bridge	6	6	6	6	6	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	5	0.72	0.48	0.37	0.48	0.48	0.24	4	6	10	10	10	10	
Kinder 1	6	6	6	6	6	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	5	2	2	2	2	1	0.64	0.24	5	6	10	10	10	10
Greens Bayou	6	6	6	6	5	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	4	4	4	4	3	0.74	0.24	6	6	10	10	10	10
Shell Crude	7	7	6	6	5	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	8	8	8	8	8	3	0.74	0.24	6	6	10	10	10	10
Lynchburg Ferries	7	7	6	6	5	5	6	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	8	8	8	8	8	3	0.74	0.24	6	6	10	10	10	10
Exxon 3	10	10	10	10	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	8	8	8	8	8	3	0.74	0.65	6	6	10	10	10	10
Morgans Point	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	8	8	8	8	8	4	4	1	6	6	10	10	10	10
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37/38	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	8	8	8	8	6	3	3	4	6	7	8	8	8	9
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1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	8	8	7	8	8	8	8	6	2	2	3	5	8	8	8	7	7

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

Houston Pilots: Tue. 12/6/2022

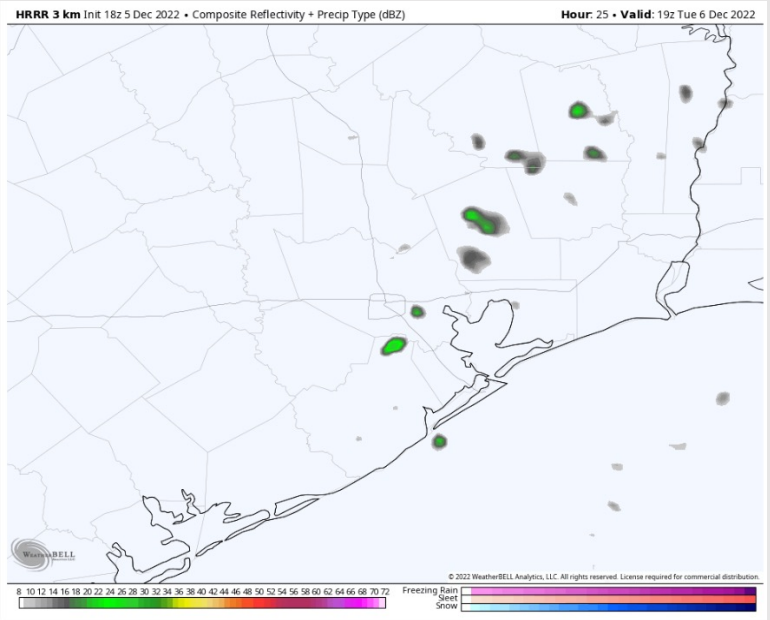


Forecast Discussion

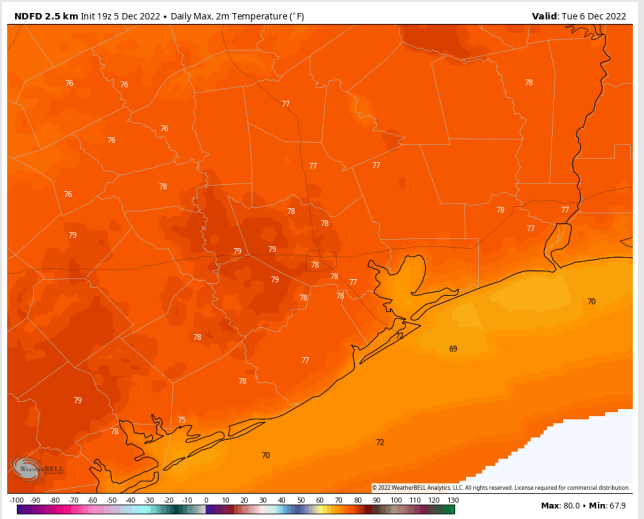
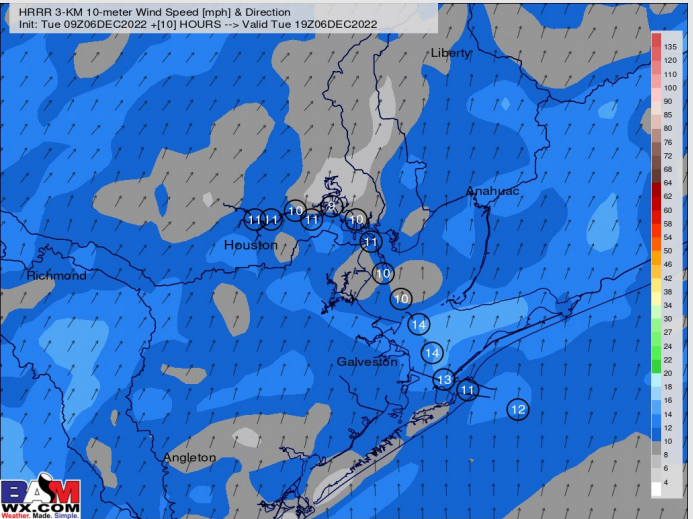
- Precip:** A slight chance (20%) for a pop-up spotty shower in the 10 AM – 4 PM timeframe, otherwise anticipating dry conditions.
- Wind:** Sustained winds from the S the entire day. Winds N of Morgan's point will start out at 5-10 kts and S of Morgan's Point will be 8-13 kts. Around 10 AM, winds will pickup across all stations to 7-14 kts and remain as such for the rest of the day. Gusts of up to 15-20 knots cannot be ruled out at the boarding station during the late AM / early PM hours.
- Temps:** High temps will be in the upper 70s N of Morgan's Point and in the mid to lower 70s F S of Morgan's Point.

Visibility: Please see slides above for more information on fog threats.

Precip Forecast: 1 PM CT



Wind Speed
12 PM CT



High Temps
Today

Houston Pilots: Thurs. 12/8/2022



Forecast Discussion

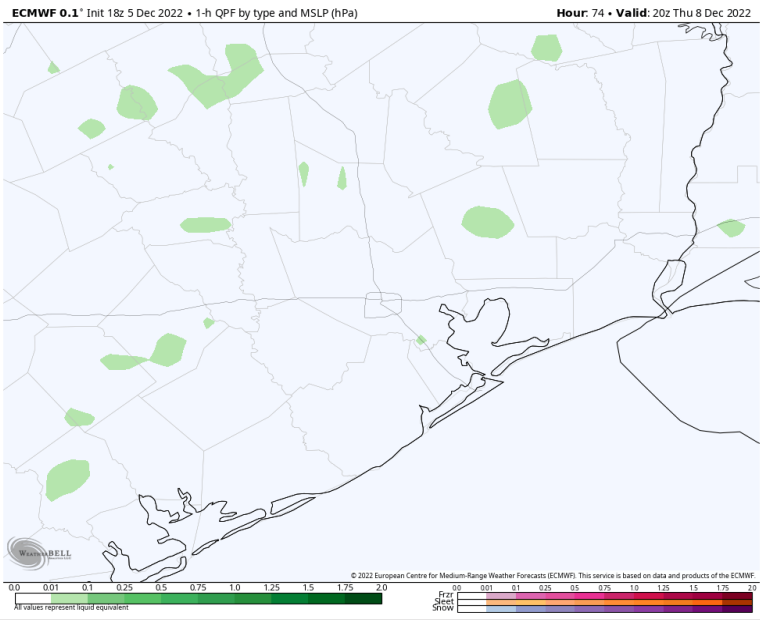
Precip: A slight chance (20%) for a few pockets of drizzle/ light showers during the 12 PM – 4 PM timeframe. Drizzle chances will be more confined to N of Morgan’s Point. Aside from that window, anticipating dry conditions.

Wind: Sustained winds from the SSW to SSE for Thursday. Winds N of Morgan’s Point will start out at 5 – 8 kts, then pickup to 7 – 11 kts across all stations by 11 AM. By 5 PM, winds will range from 5 – 10 kts for the remainder of the afternoon and evening.

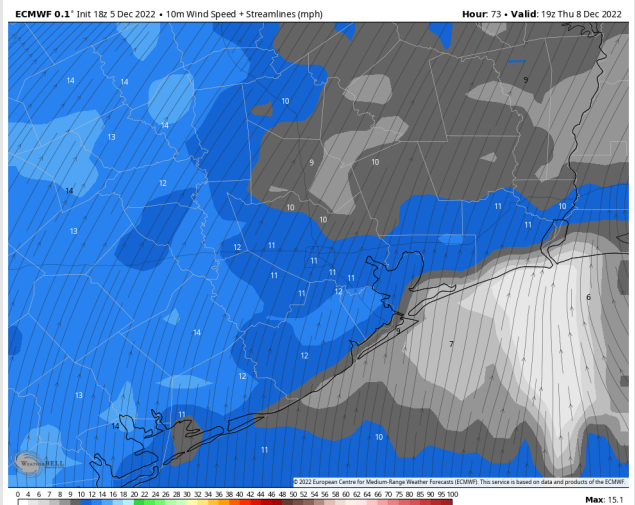
Temps: High temperatures will be near 80 F N of Morgan’s Point and in the mid to lower 70s F S of Morgan’s Point.

Visibility: There will be a low-end risk for patchy fog across all stations for the AM hours. More information will be added in future updates.

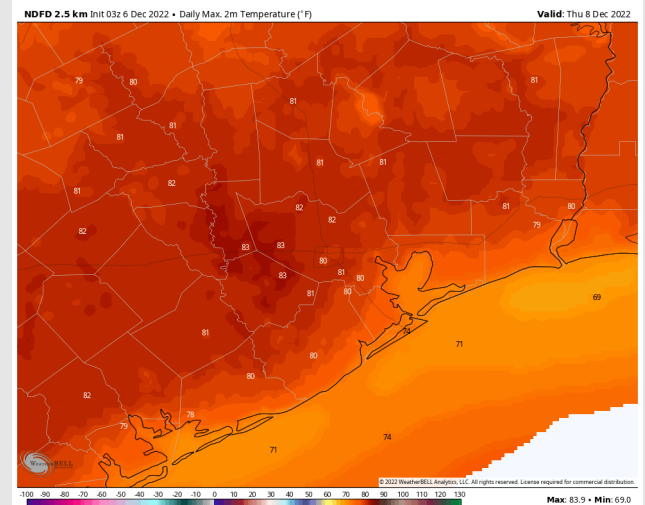
Precip Forecast: 2 PM CT



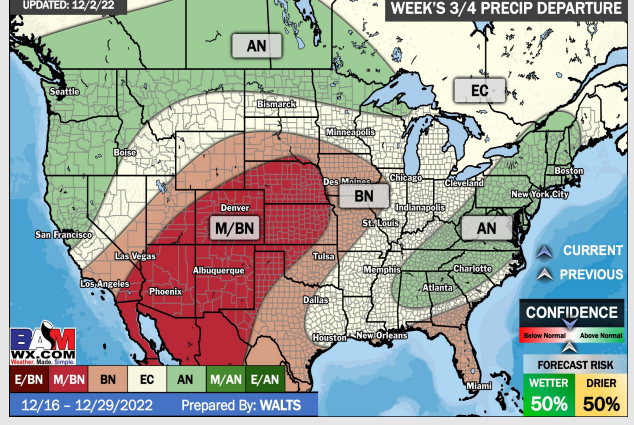
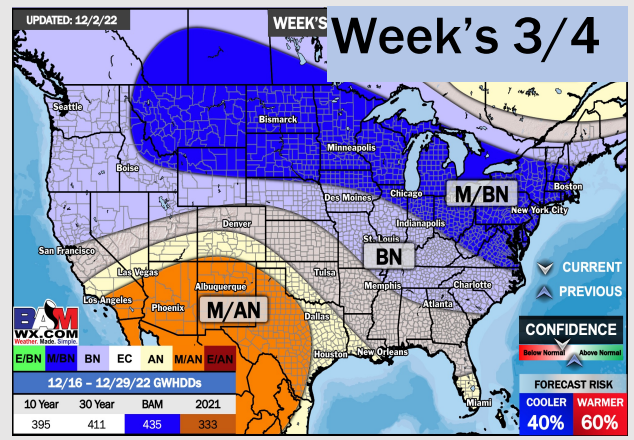
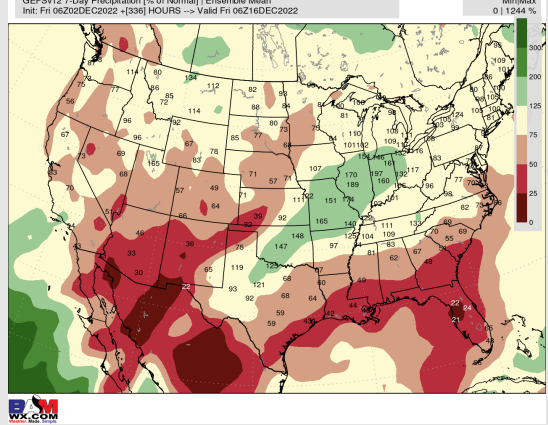
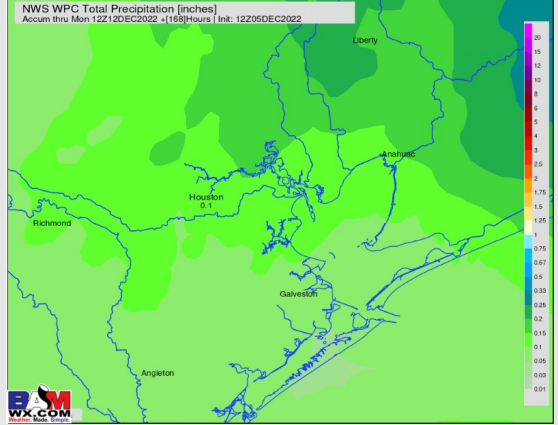
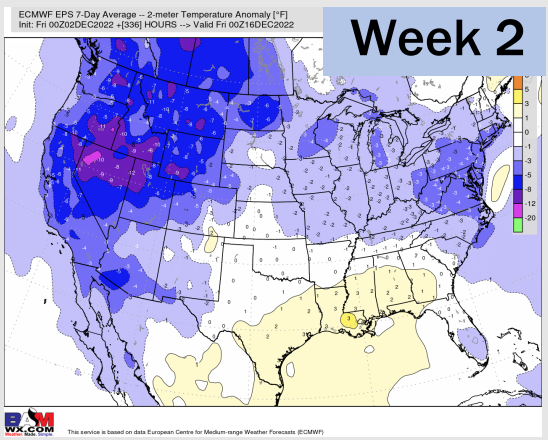
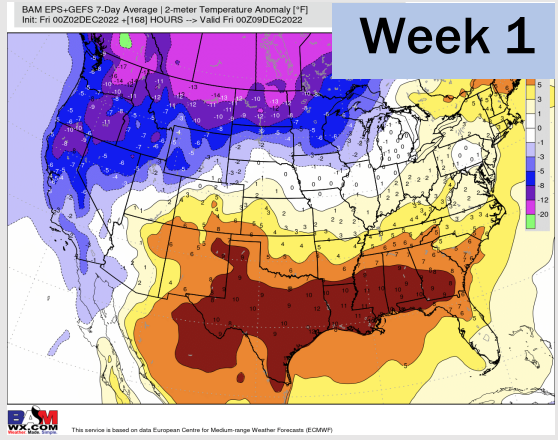
Wind Speed
1 PM CT



High Temps
Thursday



Houston Pilots: 12/6/22



- Minor, hit and miss light rain chances will be possible the next several days. Best chances overall come next Monday-Tuesday with temps staying above average.
- Week 2 is expected to be slightly above normal for temperatures and below normal for rain chances for mid December.
- The weeks 3/4 timeframe looks to feature above normal temperatures and equal chances for precipitation.