

Houston Pilots Forecast Package



Updated: 2:15 PM CT

Tuesday, January 31, 2023

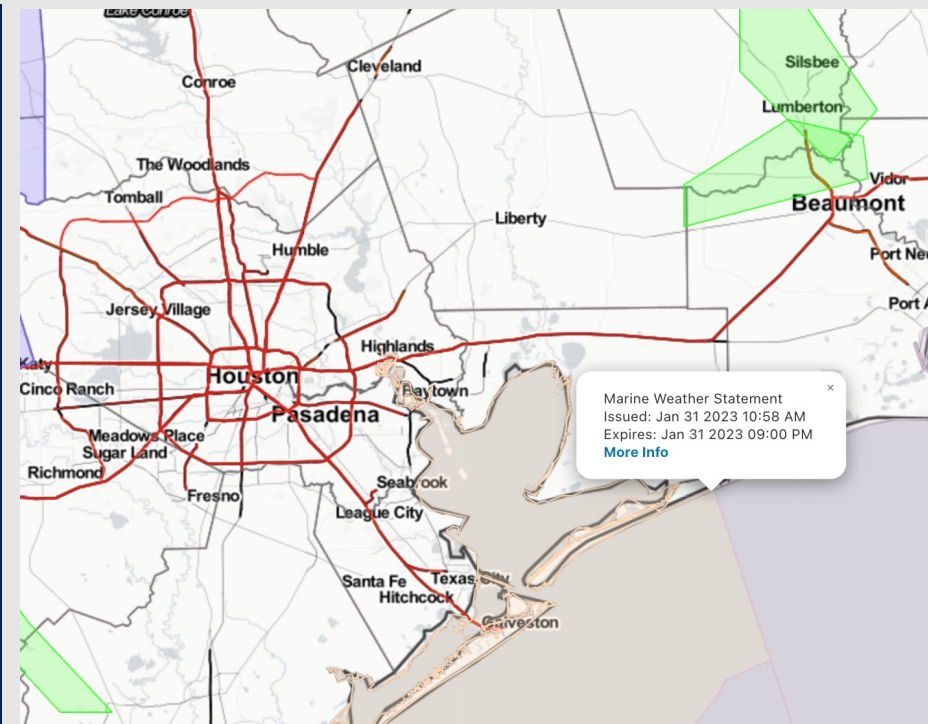
Forecaster: Will Danby

Weather Headlines

➤ Please check fog slide below for the best thinking on fog chances for this PM extending through Wednesday AM.

➤ Scattered showers/storm chances expected to continue over the next few days.

➤ Favoring the next three days to hold winds in the 10-20 kt range, with a few gusts of 20-25 kts possible at times at the Boarding Station.



Radar/NWS Alerts: 2:16 PM CT

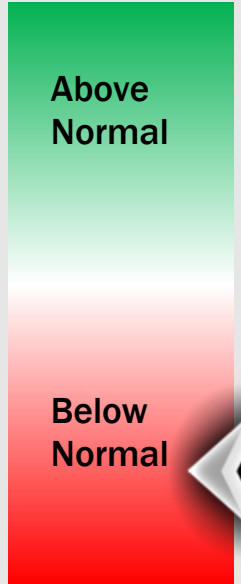
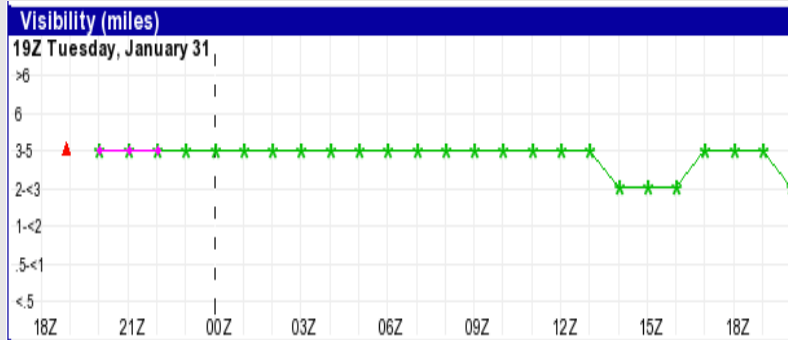
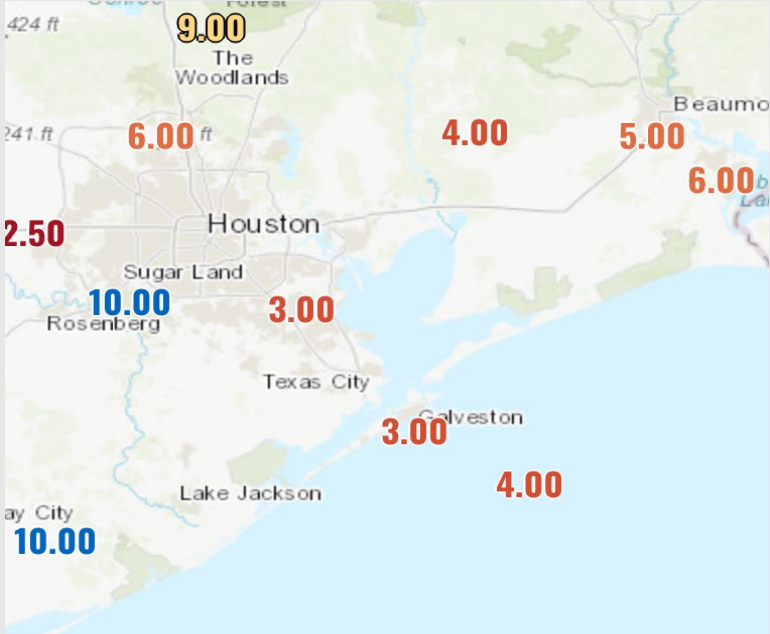


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



CURRENT VISIBILITY Visibility Chart - Next 22 Hours Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT- Wed AM	Medium

- Latest forecast data across the board is essentially blind to the ongoing low visibility across SE TX. Verification from the chart above from the AM visibility report continues to perform well. With that being said, visibilities of 3 – 5 miles will likely continue throughout the afternoon hours and into the overnight.
- A low end risk is still present for a couple areas of patchy fog to reduce visibilities less than 2 miles between 75/76 and the boarding station, but a better window for the opportunity for this to happen will come after sundown.
- Independent of low end patchy dense fog risks after sundown, a low cloud deck of less than 500 feet will be continuous throughout the overnight. There is higher confidence here with that aspect of the forecast, as mist and on and off light showers will persist over the next 12 hours.
- However, there will continue to remain lower confidence on specifics as there is **very** little support for the ongoing fog.

Houston Pilots Extended Range Visibility Report



Friday 2/3/23

Not anticipating any visibility concerns for Friday as AM winds will be from the NW possibly shifting from the NE during the late PM hours.



Sunday 2/5/23

Light and variable winds with favorability from the SE will be possible. Again, due to the light nature of the winds, it will be hard to tap into sea fog transport with SE winds.



Saturday 2/4/23

NE winds during the AM hours will begin to veer from the SE towards the late evening hours. Winds will be quite calm however, making sea fog transport unlikely.



Chance for Reduced Visibility

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

Houston Pilots: Tue. 1/31/2023



Forecast Discussion

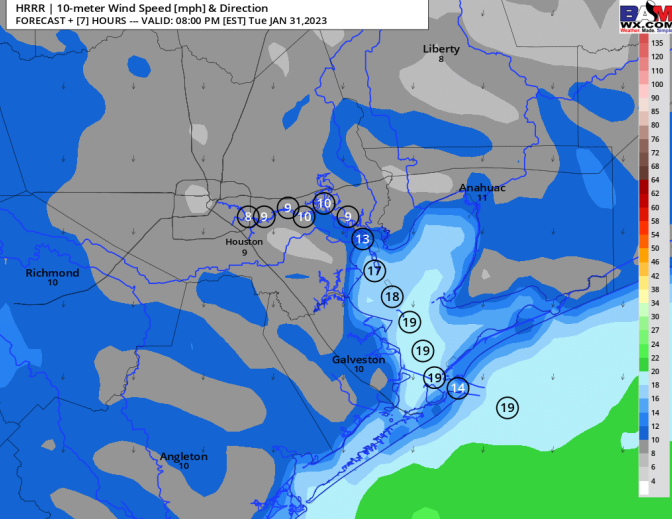
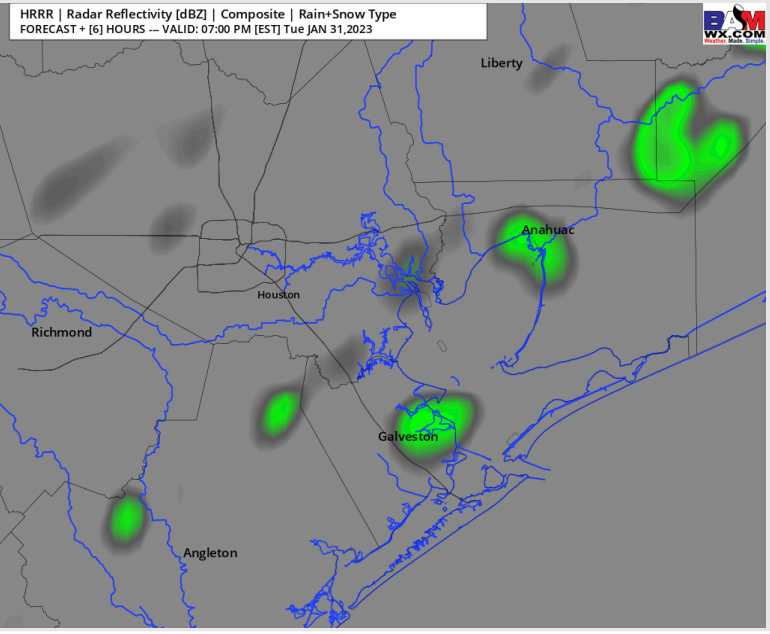
Precip: A continuation of light spotty showers in coverage will continue for the afternoon and evening. A better pulse of scattered showers looks to enter the region as early as 4 AM.

Wind: Expecting northerly winds to continue for this afternoon, with a slight veer from the NNE around 9 PM. Winds north of Morgan's Point will be 5 - 10 kts and south of Morgan's point will be 12 - 19 kts. **A few gusts of 21 - 23 kts will be possible throughout the afternoon hours, mainly at 11/12 and the Boarding Station.**

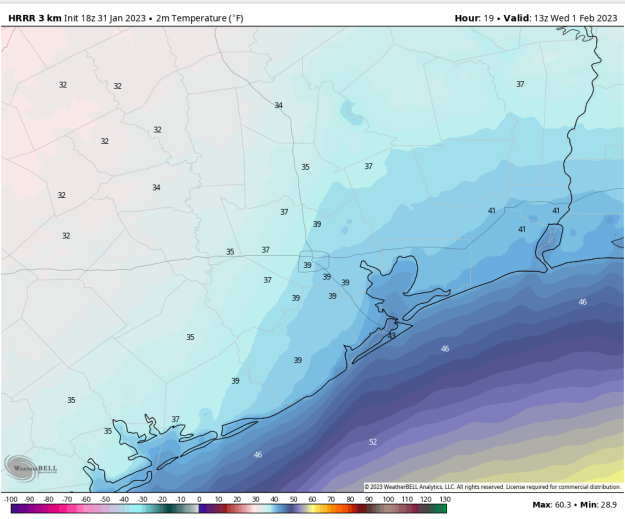
Temps: Low temperatures Wednesday morning will drop to the upper 30s F north of Morgan's Point and in the low to mid 40s south of Morgan's Point.

Visibility: Please check slides above for reduced visibility potential.

Precip Forecast: 6 PM CT



**Wind Speed
8 PM CT**



**Low Temps
WED AM**

Houston Pilots: Wed. 2/1/2023



Forecast Discussion

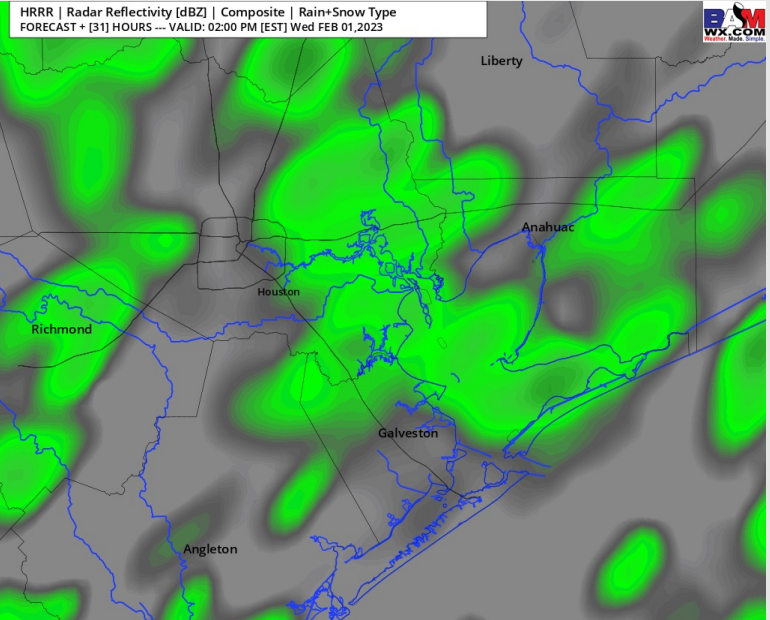
Precip: Anticipating another wet day on Wednesday. Expecting 30% isolated chance of showers to continue through the early morning until 6 AM. Coverage will then increase with chances to 60-70% through Noon. The main wave works out in the early afternoon with a 30% chance of hit and miss showers into the afternoon/evening hours. A few rumbles of thunder will be possible.

Wind: Sustained northerly winds throughout the day Wednesday. Winds will generally stay at 14 - 19 kts for stations south of Morgan's Point and 7 - 12 kts for stations north of Morgan's Point through most of the day. Gusts of 20 kts are possible out through 1 PM.

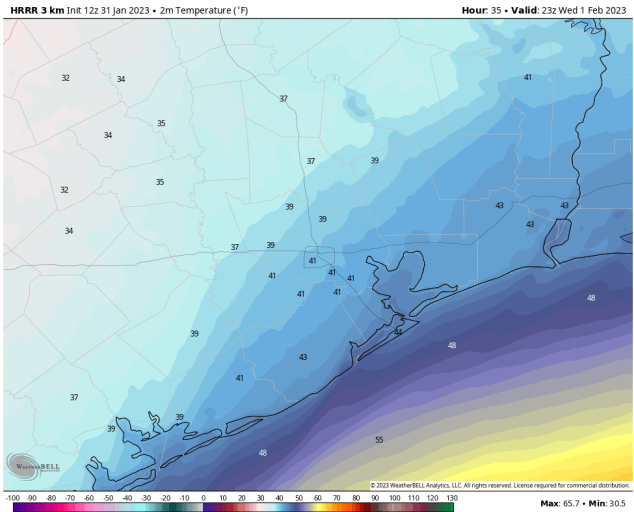
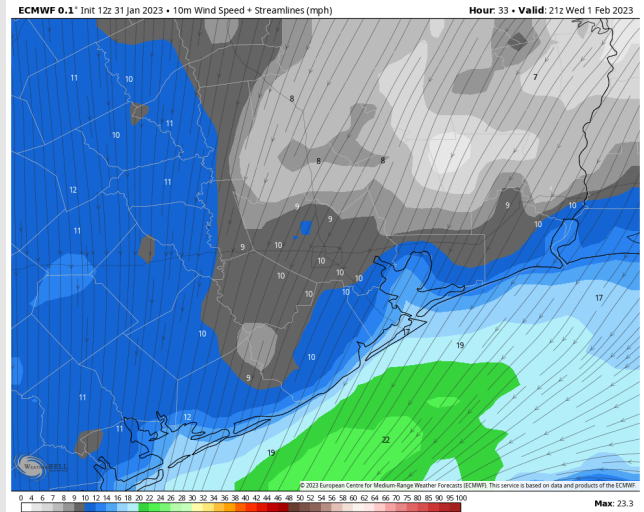
Temps: Highs Wednesday will be in the lower to mid 40s. The Boarding Station will be near 50 F

Visibility: Not anticipating fog activity at this time, however, visibilities may be reduced due to shower activity. Lower confidence on this risk.

Precip Forecast: 2 PM CT



Wind Speed
3 PM CT



High Temps
Wednesday

Houston Pilots: Thur. 2/2/2023



Forecast Discussion

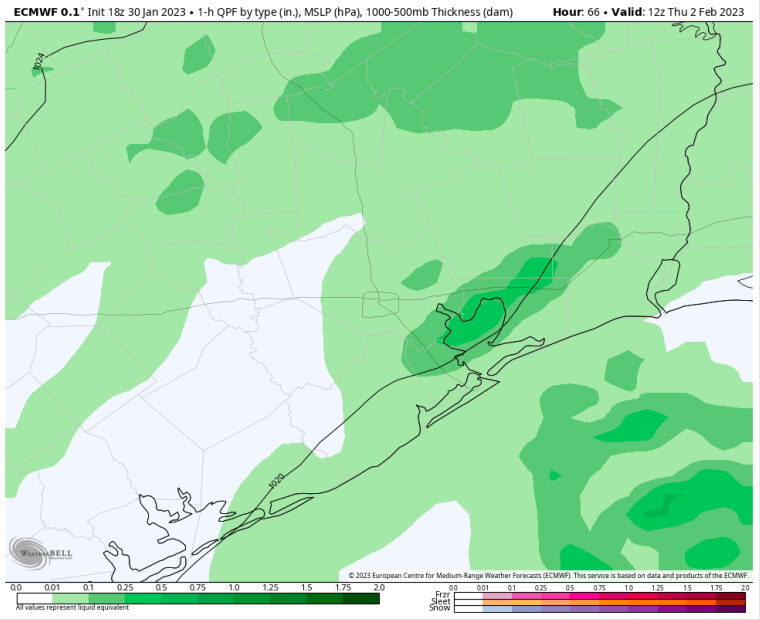
Precip: Light to moderate rain showers look to enter the picture around 4 AM and could linger on as late as 6 PM. After 6 PM favoring dry conditions. The best window to receive rain will be from 5 – 8 AM (60%) outside of this window precipitation chances will be 40%.

Wind: Sustained northerly winds in the AM hours will veer from the NNW around 2 PM and remain as such for the rest of the evening. Winds north of Morgan's Point will be 7 – 12 kts for the entire day. Winds south of Morgan's Point to 25/26 will be at 9 – 15 kts. The Boarding Station and 11/12 will be at risk for slightly higher winds at 14 – 18 kts. **Wind gusts of 22 – 25 kts will be possible at 11/12 and the Boarding Station mainly between 6 and 11 AM.**

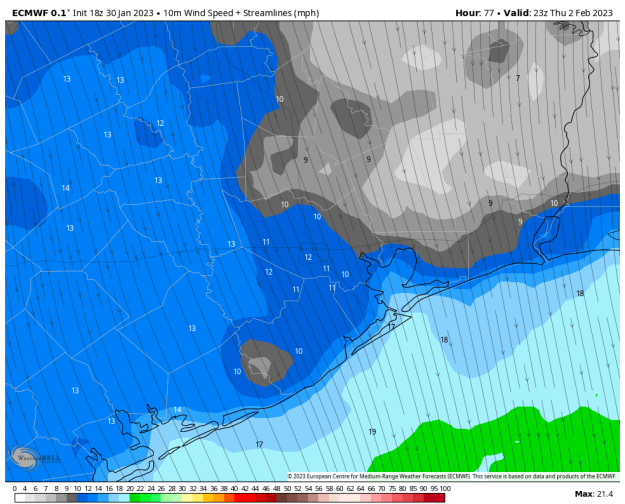
Temps: High temperatures Thursday will be in the mid 50s F across all stations.

Visibility: Not anticipating widespread fog threats for Thursday, however a low cloud deck will be likely with mist and few pockets of patchy fog will be possible as rain showers work their way into the picture during the morning hours. Low clouds could look to lift around 6 PM with better improvements in visibility by the late evening hours.

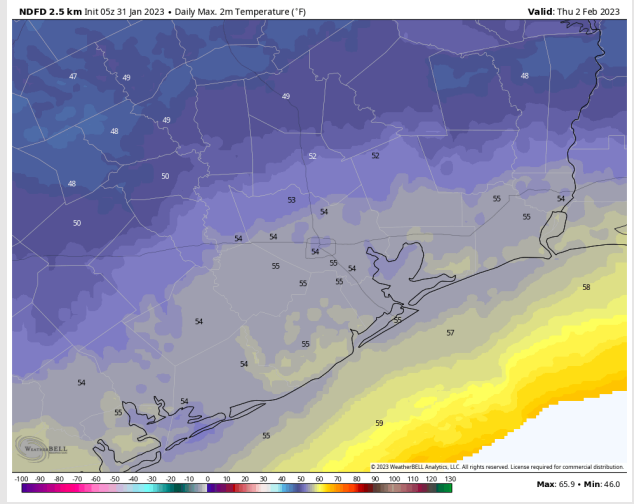
Precip Forecast: 6 AM CT



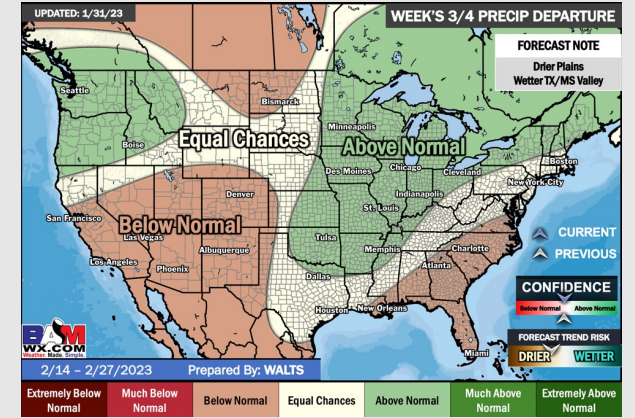
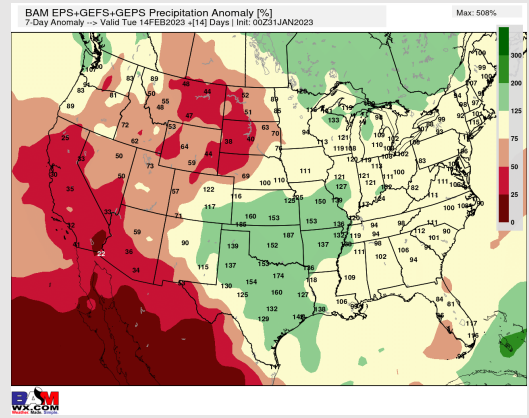
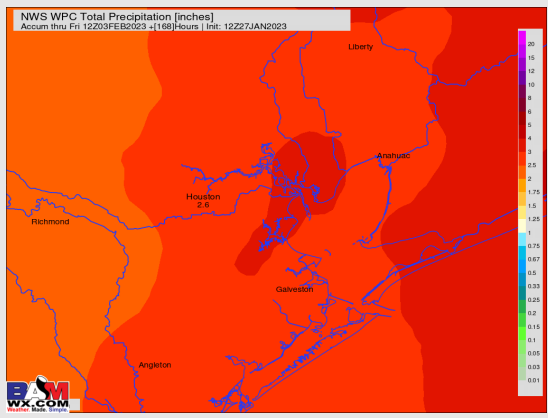
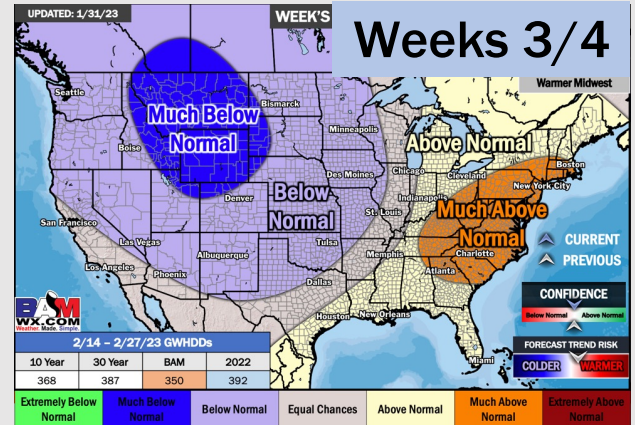
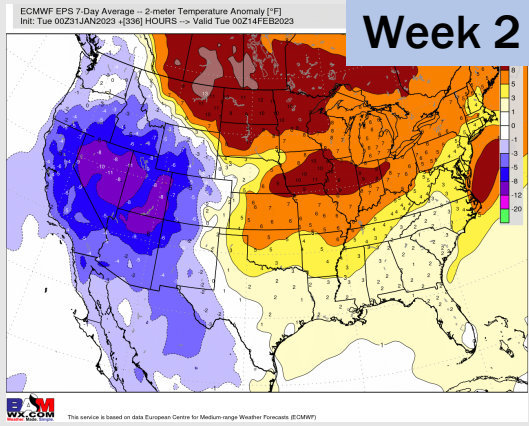
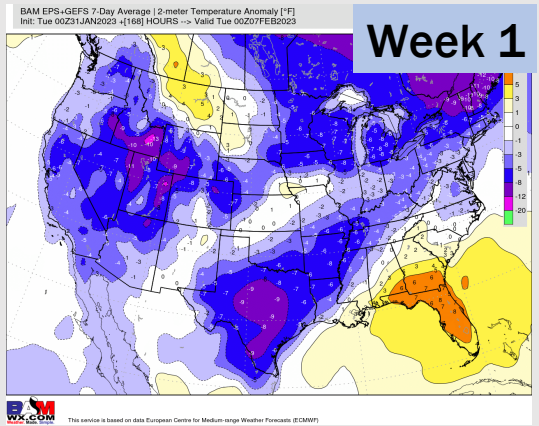
Wind Speed
5 PM CT



High Temps
Thursday



Houston Pilots: 1/31/23



- Daily rain chances through Friday before clearing into the weekend. Temperatures will be below average for the remainder of the week.
- Expecting above normal precipitation and near normal temperatures for the week 2 timeframe.
- Above normal precipitation chances and below normal temperatures expected in the weeks 3/4 timeframe.