

Houston Pilots Forecast Package



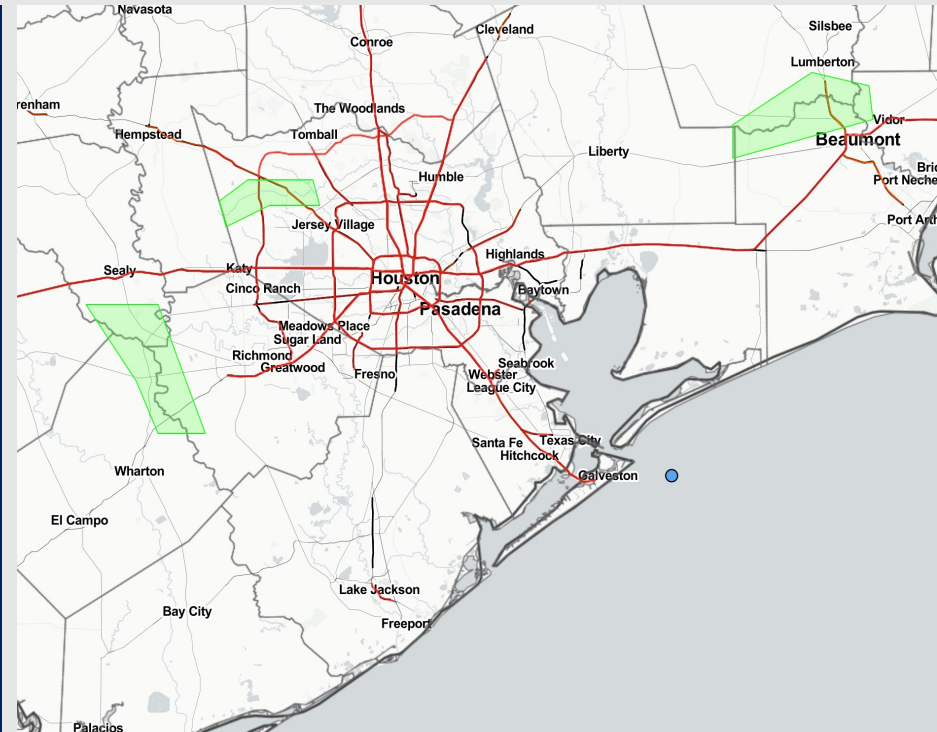
Updated: 1:30 PM CT

Thursday, January 26, 2023

Forecaster: Alyssa McClung

Weather Headlines

- **Low end risk for radiation fog after midnight into Friday AM.** Need to watch Saturday PM into Sunday AM for next fog risk.
- Anticipating a dry stretch through Friday, with the next risk of rain being Saturday AM in scattered form. Better chance for rain Saturday evening.
- Tonight and tomorrow will hold calmer winds in the 5 – 15 kt range. Winds will pick up late Friday PM and stay elevated through Saturday.



Radar/NWS Alerts: 1:30 PM CT

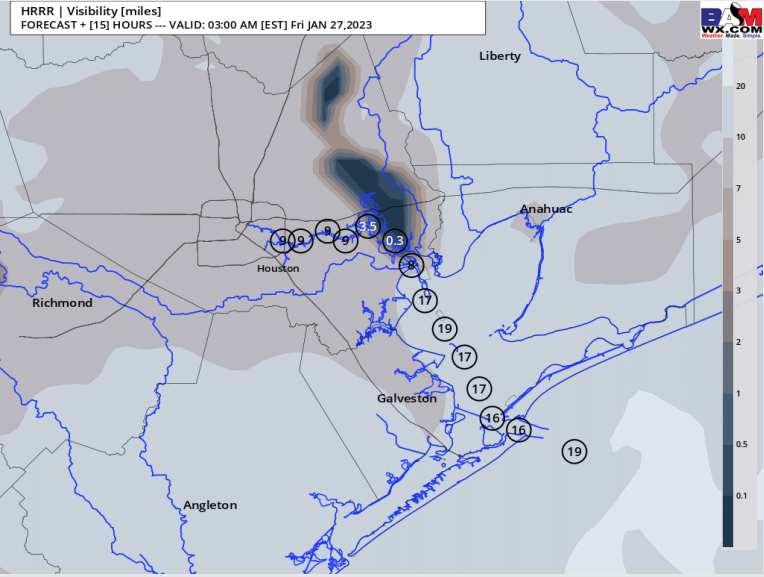


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

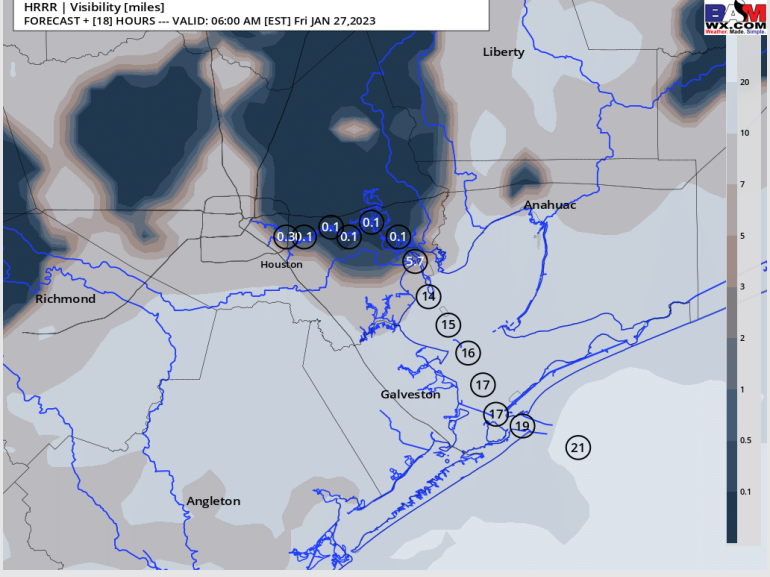
Houston Pilots Visibility Report



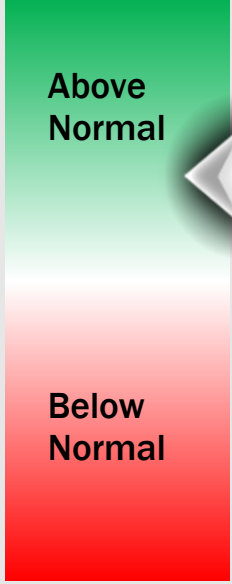
2 AM FRI VISIBILITY



5 AM FRI VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
12 AM FRI - 9 AM FRI	Low

- Not favoring any widespread fog events, however there is a low end risk for patchy radiation fog development for Morgan's Point and stations North.
- Light winds, clear skies and surface saturation present Friday morning would present favorable conditions for areas of patchy fog (visibilities of 3 miles or less at times).
- Favoring fog risk to begin around 12 AM and continue through 9 AM Friday.

Houston Pilots Extended Range Visibility Report



Sunday 1/29/23

Southerly winds possible for Sunday as well, with winds across the bay in the 15 – 20kt range. Sea fog is looking probable, especially towards Sunday afternoon.



Monday 1/30/23

Calm winds Monday morning with plentiful low-level moisture will make fog likely for Monday. Towards the afternoon hours winds look to be from the ESE.



Tuesday 1/31/23

Stronger winds during the day on Tuesday, but sea fog will still be a potential risk with winds coming from the S/SE.



Chance for Reduced Visibility

Sunday AM	Possible
Sunday PM	Likely
Monday AM	Possible
Monday PM	Possible
Tuesday AM	Possible
Tuesday PM	Possible

Houston Pilots: Thur. 1/26/2023



Forecast Discussion

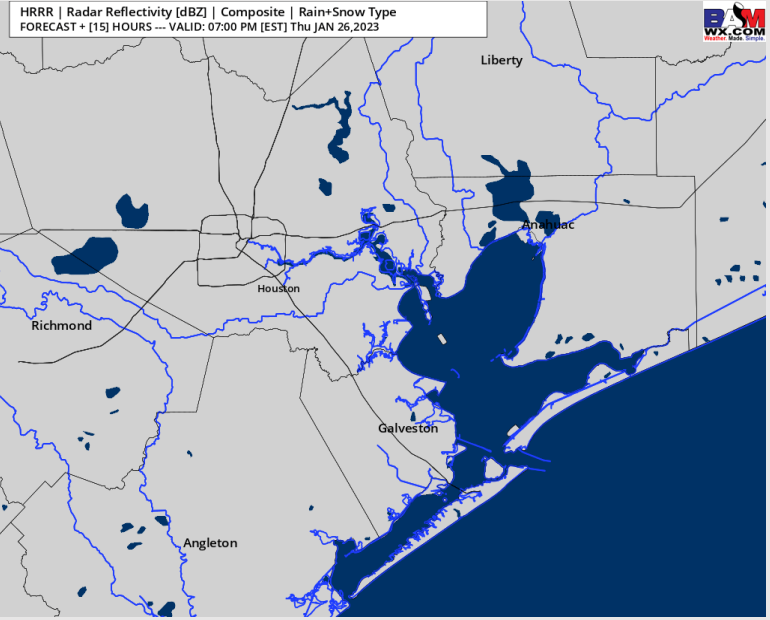
Precip: Anticipating dry conditions throughout the rest of the day.

Wind: Sustained winds out of the NNW for the rest of the afternoon. Winds N of Morgan's point will be 5 – 10 kts and S of Morgan's Point will be slightly elevated at 7 – 12 kts. Gusts of 15 kts possible near the Boarding Station. After 10 PM, winds become more calm and variable getting into the overnight.

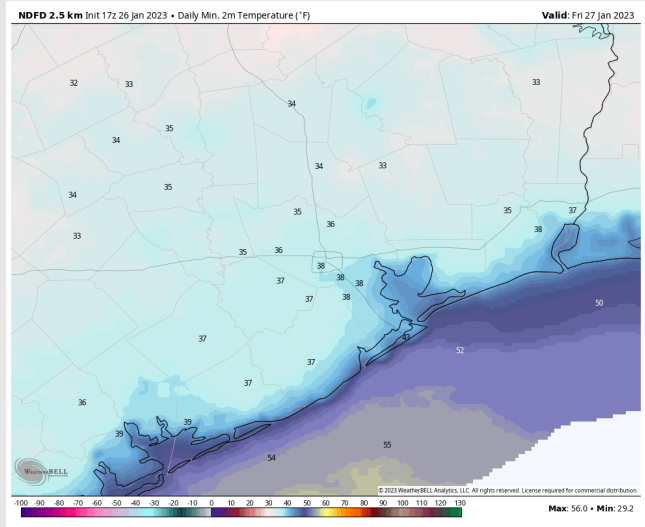
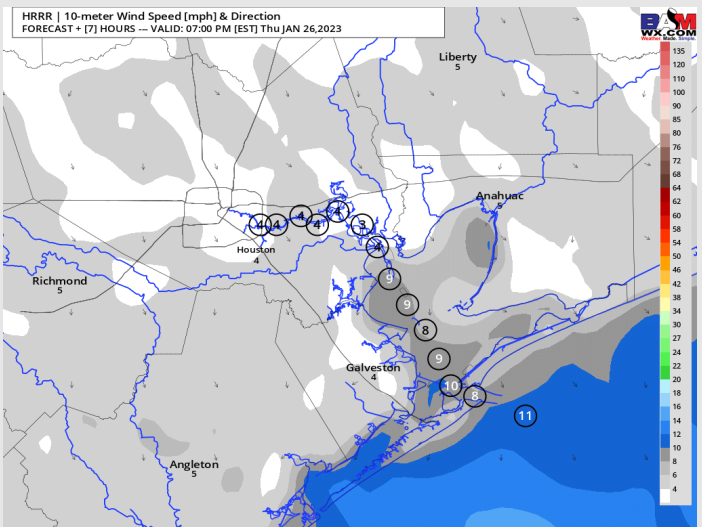
Temps: Low temps Friday AM in the low 50s F near the Boarding Station with temps in the upper 30s F for all other stations.

Visibility: Very low end risk for radiation fog for stations N. of Morgan's Point after midnight.

Precip Forecast: 6 PM CT



Wind Speed 6 PM CT



Low Temps Friday AM

Forecast Discussion

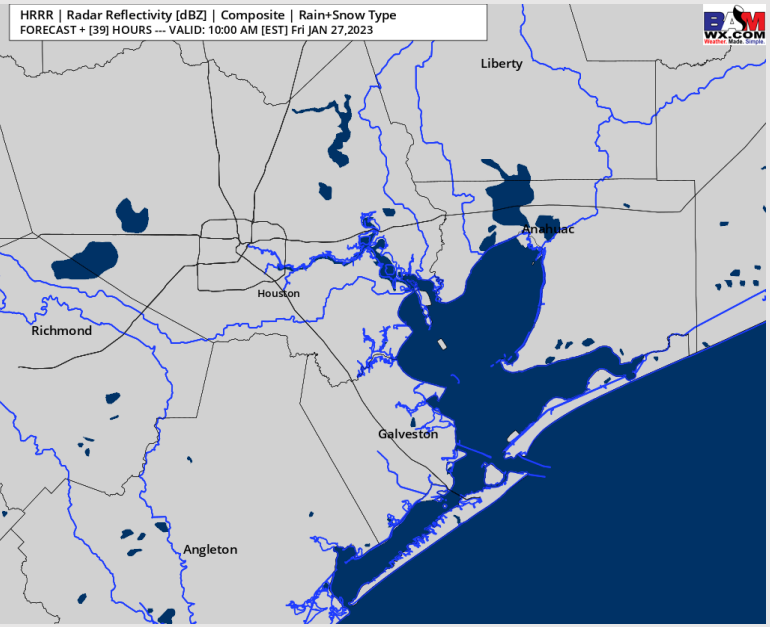
Precip: Dominant high pressure on Friday will allow for dry conditions.

Wind: Variable winds in the AM will favor more of an southeasterly direction by 10 AM. Winds at all stations will start out at 1 – 6 kts with winds increasing by 2 PM to 5 – 10 kts. Towards 10 PM winds will pickup even more S of Morgan’s Point to 11 – 18 kts.

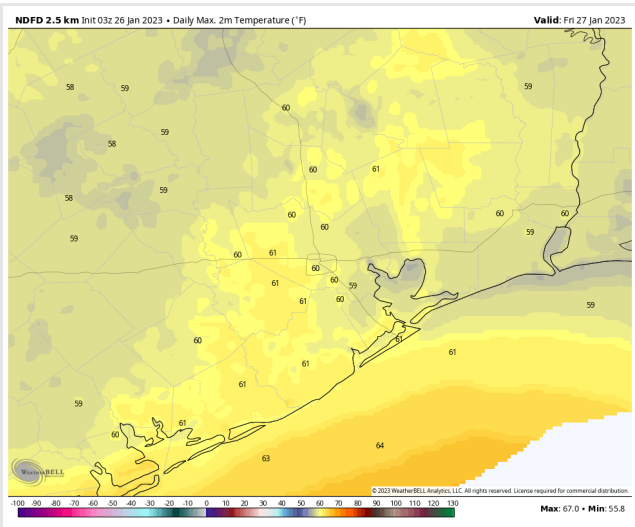
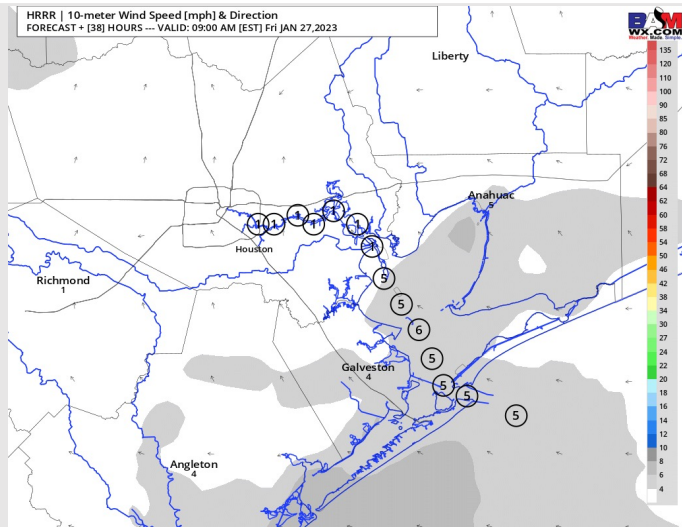
Temps: High temperatures Friday will be in the upper 50s to near 60 F for all stations.

Visibility: Conditions are favorable for radiation fog Friday AM. (View visibility slide for details.) Not anticipating any widespread visibility concerns at this time.

Precip Forecast: 9 AM CT



Wind Speed 8 AM CT



High Temps Friday

Houston Pilots: Sat. 1/28/2023



Forecast Discussion

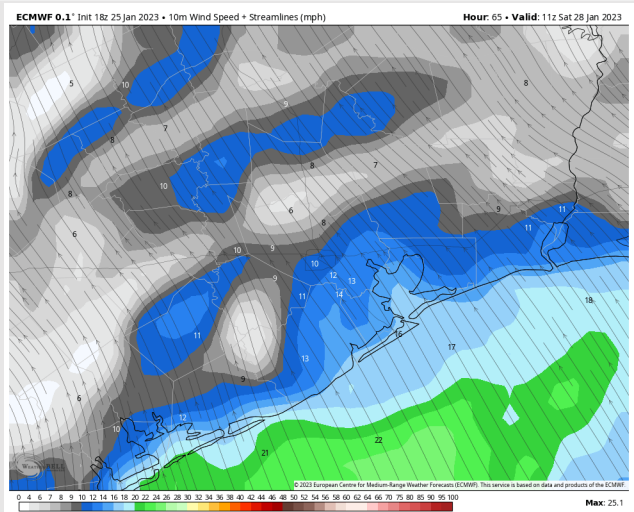
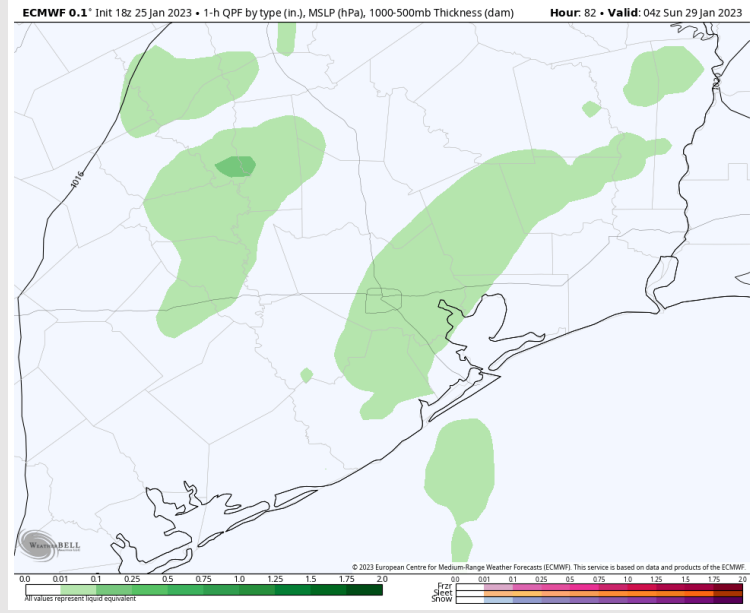
Precip: Starting around 2 AM, isolated rain showers will start to move their way into the area. These will be only 10-20% as favoring majority of showers favored to stay to the west. After 8 PM, chances increase to 60% as showers/storms become more widespread.

Wind: Sustained winds out of the SE throughout the day on Saturday. Winds will start out at 8-13 kts north of Morgan's Point and 13-18 kts south of Morgan's Point. Winds will increase to 13-18 kts at all stations from 11 AM to 5 PM, then decrease back to 13-18kts north of Morgan's Point the rest of the evening. Wind gusts of 25+ kts will be possible from the 11AM to 5 PM timeframe as well.

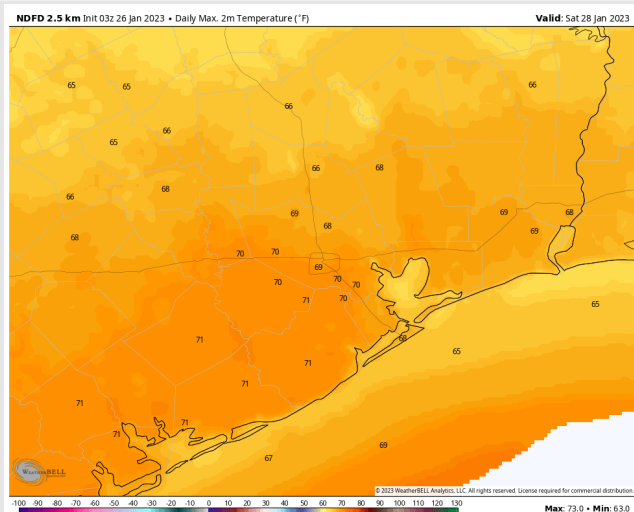
Temps: High temperatures will be in the mid 60s F to near 70 F on Saturday.

Visibility: Need to keep an eye on Saturday evening for potential fog development as winds shift out of the SE.

Precip Forecast: 10 PM CT

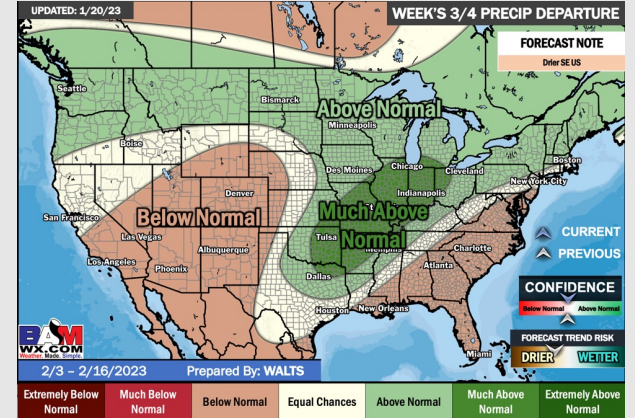
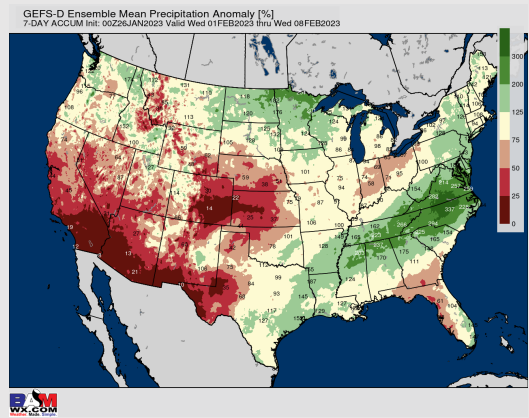
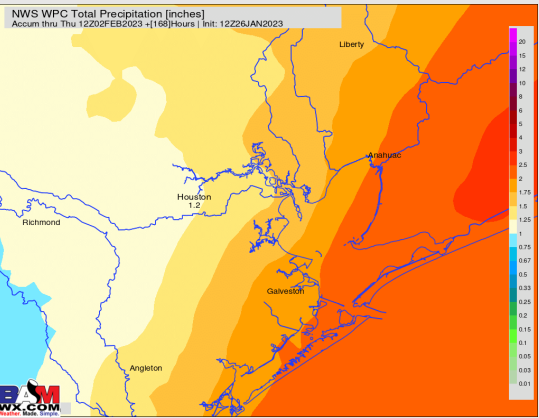
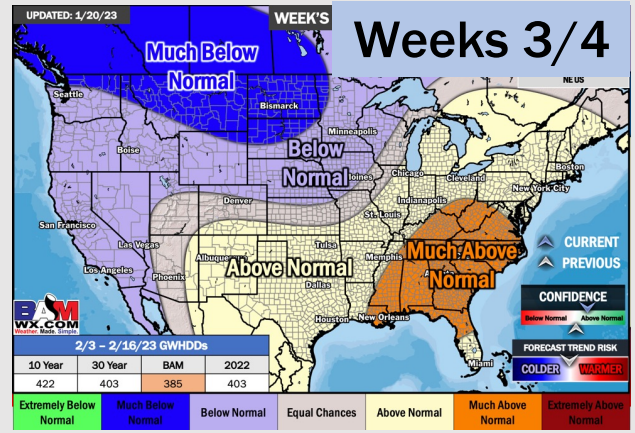
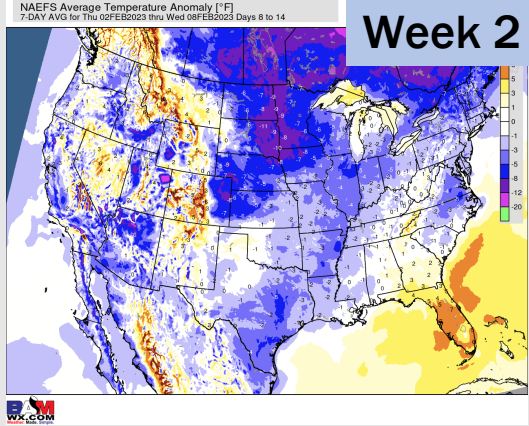
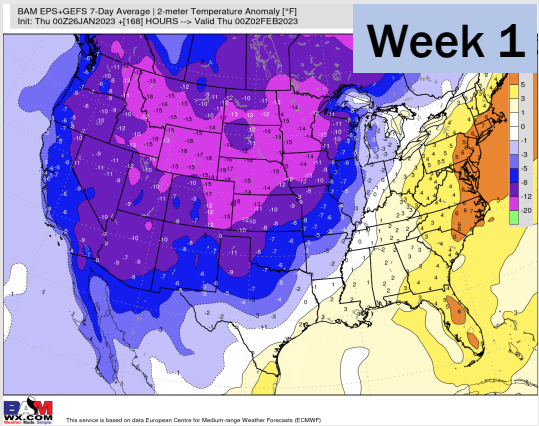


Wind Speed
5 AM CT



High Temps
Saturday

Houston Pilots: 1/26/23



- Anticipating the next rain chances to come Saturday and continue into the early half of next week. Temps will be slightly above normal in the 1 week timeframe.
- Expecting above normal precipitation and below normal temperatures for the 2 week timeframe.
- Near normal precipitation chances and above normal temperatures expected in the weeks 3/4 timeframe.