

# Houston Pilots Forecast Package



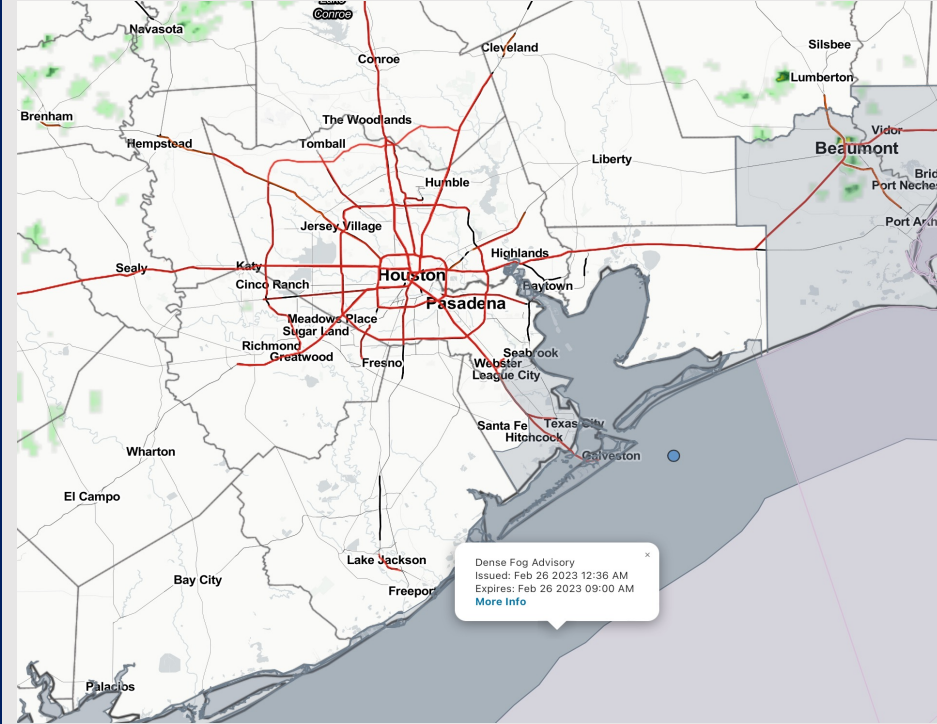
Updated: 5:00 AM CT

Sunday, February 26, 2023

Forecaster: Alyssa McClung

## Weather Headlines

- **Sea fog is expected to slowly erode during the late morning hours from 7 AM – 12 PM with a few areas of patchy fog lingering on post 12 PM. Please refer to the visibility report for more details.**
- **Isolated shower chances on the order of <20% are expected throughout the week.**
- **Winds will continue primarily out of the S/SE over the coming days. A weak front continues to stall NW of HOU. Another frontal boundary will try to press towards the area Monday.**



**Radar/NWS Alerts: 5:00 AM CT**



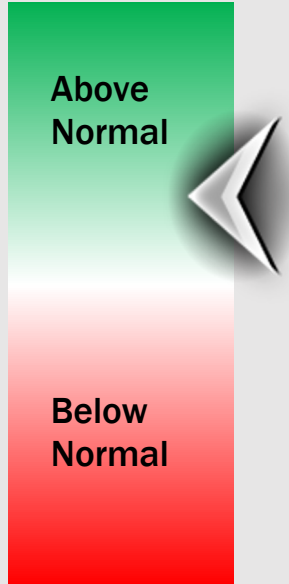
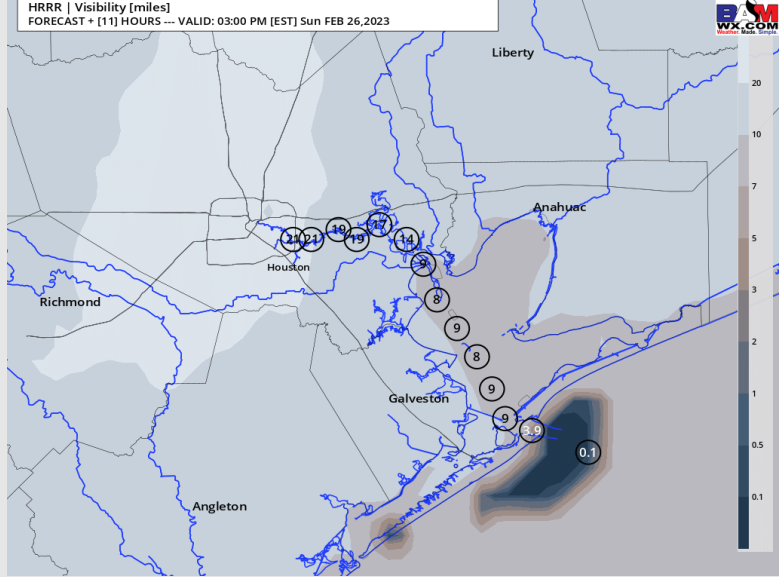
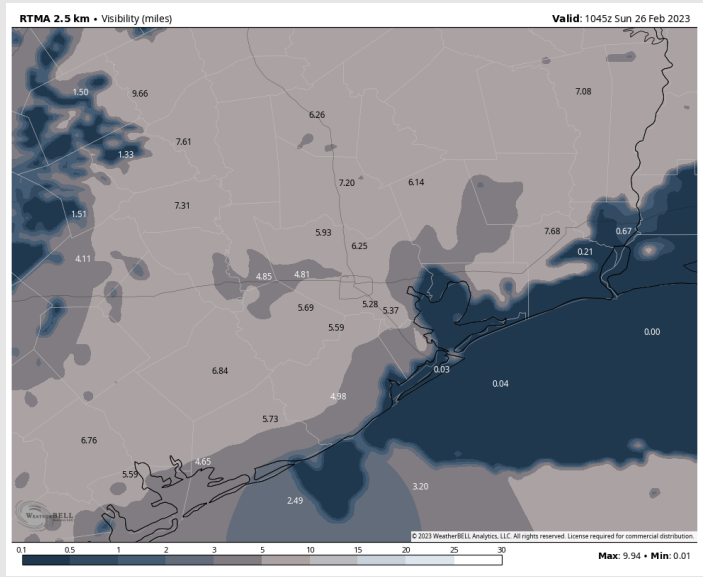
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## CURRENT VISIBILITY: 5:15 AM-CT      2 PM-CT SUN VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 5 PM SUN	Medium

- Dense fog (visibilities <1 mi) is favored to continue over the Galv. Bay and within the Gulf impacting all stations S of Morgan's Point until ~7 AM, where coverage will begin to gradually break up.
- From 7 - 10 AM, fog will become patchier in nature, allowing for 3 - 5 mile visibility to linger across all stations south of Morgan's Point. A brief, isolated pocket of 2 mile or less visibility may still be possible within this timeframe. As we near 10 AM, stations N of Morgan's Point can expect to see visibilities near normal.
- From 12 PM - 5 PM, anticipating fog to continue to slowly erode, with stations N. of Station 25/26 seeing conditions clear up after 2 PM. A low cloud deck / few pockets of visibility reduced to 2 miles will continue to be possible south of station 25/26 out through 5 PM. Expecting threat to expire after 5 PM.

# Houston Pilots Extended Range Visibility Report



## Wednesday 3/1/23

Winds out of the S/SE throughout the day Wednesday will make sea fog possible.



## Friday 3/3/23

Rather strong northwesterly winds on Friday will make fog threats highly unlikely



## Thursday 3/2/23

Winds could be from the S/SSE Thursday AM before a cold front comes through and flips the winds from the NW for the afternoon, wiping out fog threats.



## Chance for Reduced Visibility

Wednesday AM	Possible
Wednesday PM	Possible
Thursday AM	Possible
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely





# Houston Pilots: Sun. 2/26/2023



## Forecast Discussion

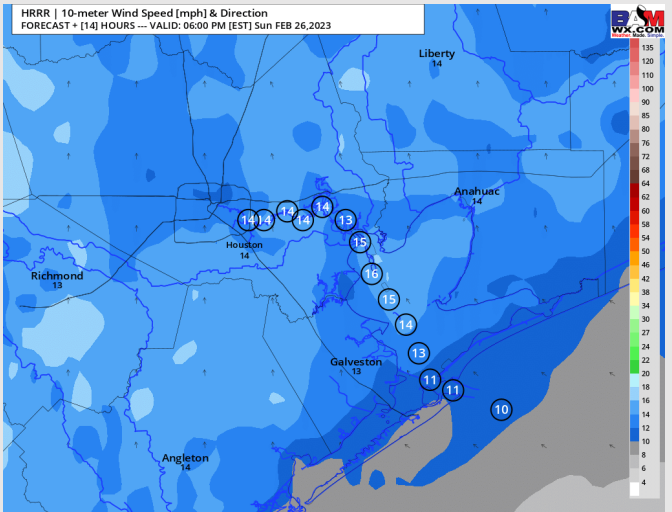
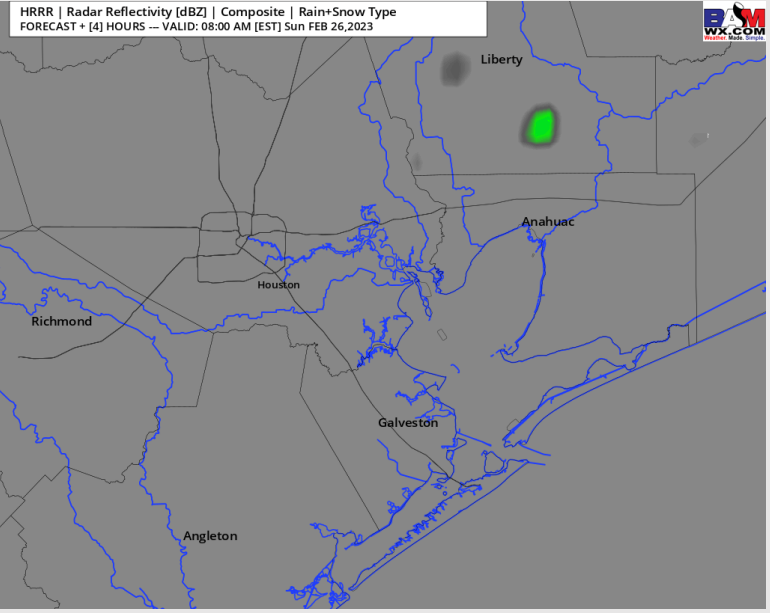
**Precip:** Favoring dry conditions throughout the day Today. Outside of a 10% chance for a light isolated shower out through 8 AM, anticipating the better rain chances to remain N. of HOU Metro.

**Wind:** Sustained winds out of the SSE for all stations throughout the day. Winds at 6-11 kts at all stations until 10 AM. After 10 AM, winds will pick up to 13-18 kts across all stations for the rest of the day. Gusts up to 30 kts will be possible during the afternoon hours.

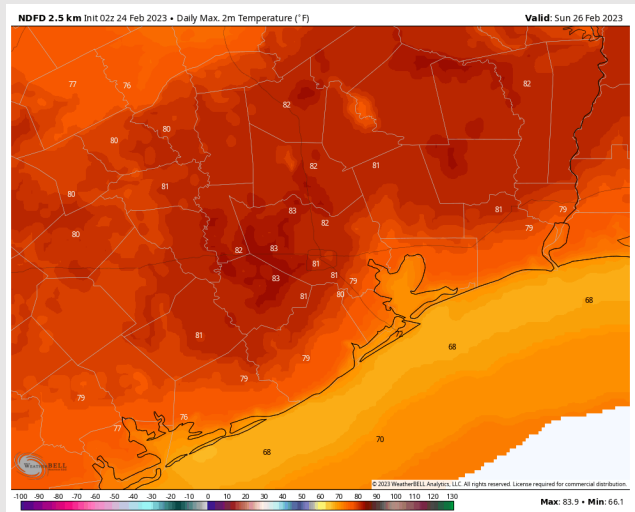
**Temps:** High temps will be in the upper 60s F near the Boarding Station with temperatures gradually increasing into the upper 70s F/ near 80 F as you move NW towards HOU Metro.

**Visibility:** Sea fog threats will be persistent throughout the morning hours. Anticipating threat to expire into the mid – afternoon. Please view visibility slide for more information.

## Precip Forecast: 7 AM CT



Wind Speed  
5 PM CT



High Temps  
Sunday

# Houston Pilots: Mon. 2/27/2023



## Forecast Discussion

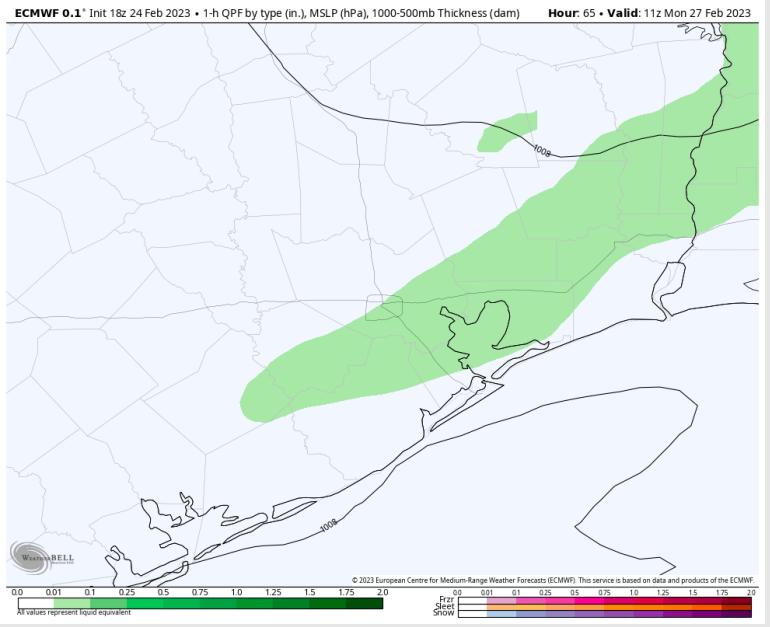
**Precip:** A weak front passing through the area will bring ~40% rain chances from 4 AM – 7 AM. From 7 AM – 12 PM chances will be lower at 25% for a light shower. After 12 PM anticipating dry conditions.

**Wind:** Sustained winds will be from the S to SSW during the morning hours. A weak frontal passage will press through around 4 AM and attempt to flip the wind direction, but currently favoring winds to veer from the WSW after 4 AM and remain as such for the rest of the day. Winds ahead of the front will be most elevated from 1 – 4 AM at 14 – 20 kts. After 8 AM winds will calm to 5 – 9 kts north of station 51/52. South of 51/52 will be slightly elevated at 8 – 12 kts.

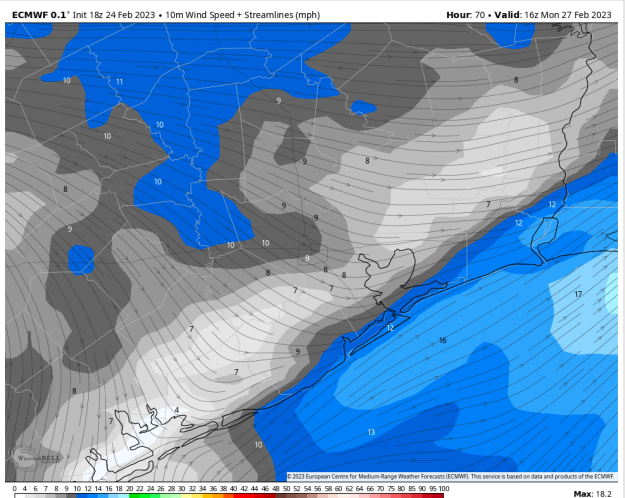
**Temps:** High temperatures Monday will be near 80 F north of Moran's Point and in the mid to upper 70s F south of Morgan's Point. Temperatures near the Boarding Station will be in the upper 60s F.

**Visibility:** Lower confidence exists being 48-72 hours out, but some areas of patchy fog will be possible during the morning hours ahead of the cold front. It is not likely this will be dense in nature, as winds will have a westerly component that could help work against more dense sea fog.

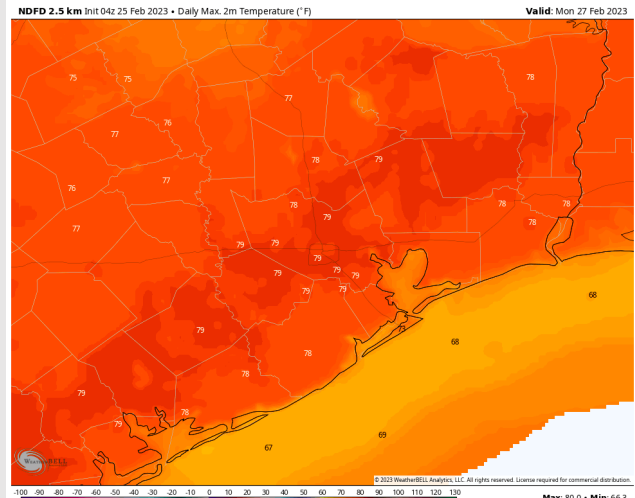
## Precip Forecast: 5 AM CT



Wind Speed  
10 AM CT



High Temps  
Monday



## Forecast Discussion

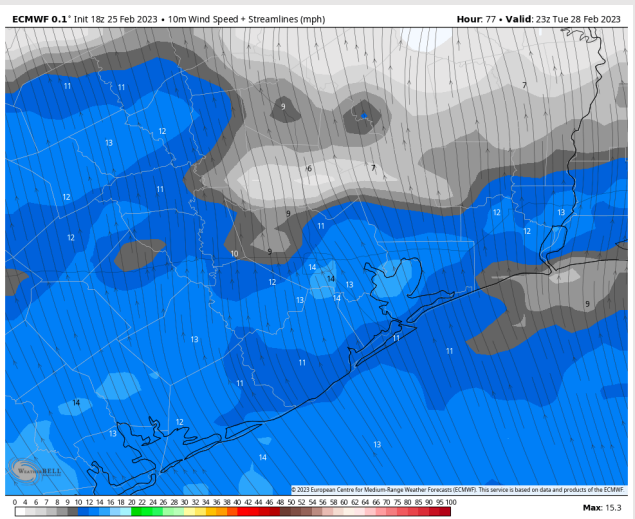
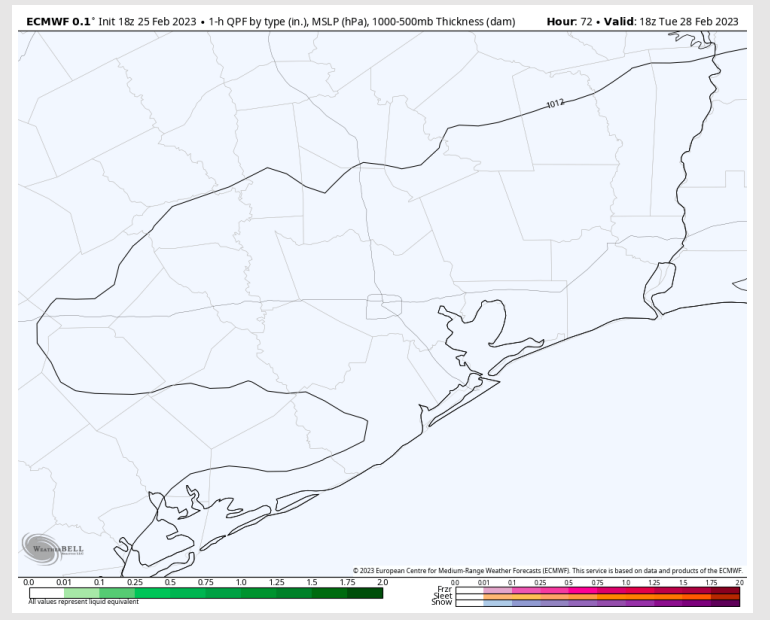
**Precip:** Favoring mostly dry conditions with a 10% chance for an isolated light shower during the late AM early PM hours.

**Wind:** Light winds on Tuesday will be from the SSW during the morning and early afternoon. Winds will shift more from the SSE during the mid afternoon. Winds will range from 5 – 10 kts up until 4 PM, where they will increase to 9 – 15 kts.

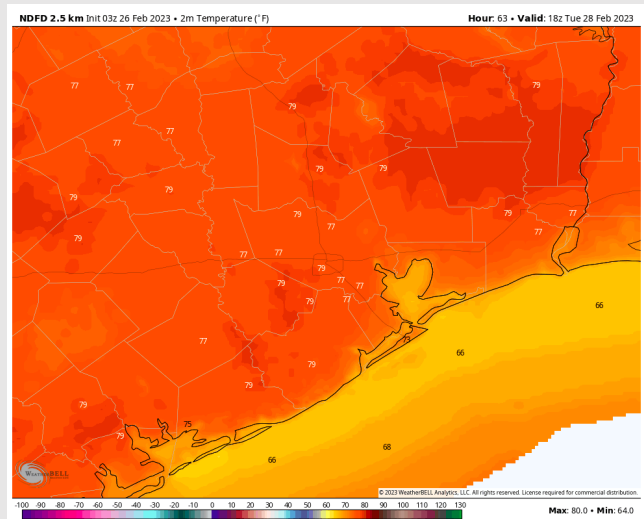
**Temps:** High temperatures Tuesday will be in the upper 70s F north of Morgan’s Point and in the mid 60s F to near 70 F south of Morgan’s Point.

**Visibility:** Lower confidence exists during this timeframe, but sea fog risks will be in the forecast for both Tuesday AM and PM.

## Precip Forecast: 12 PM CT



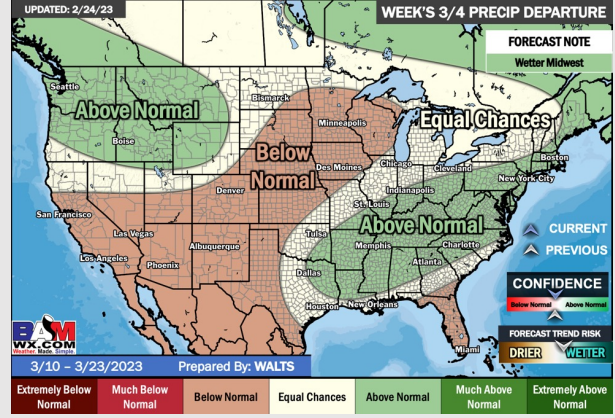
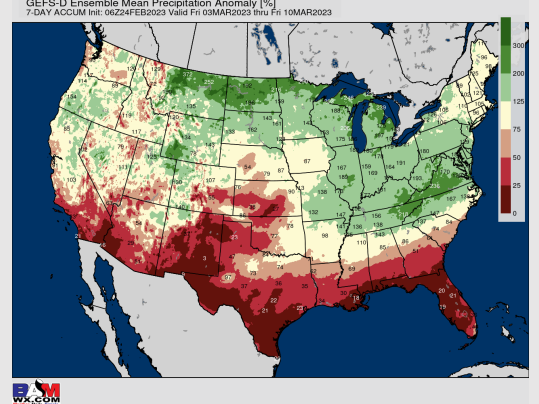
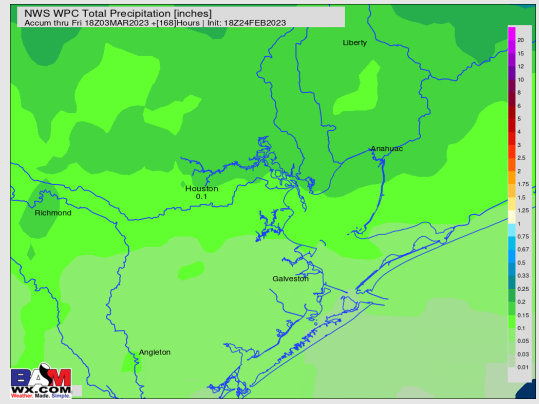
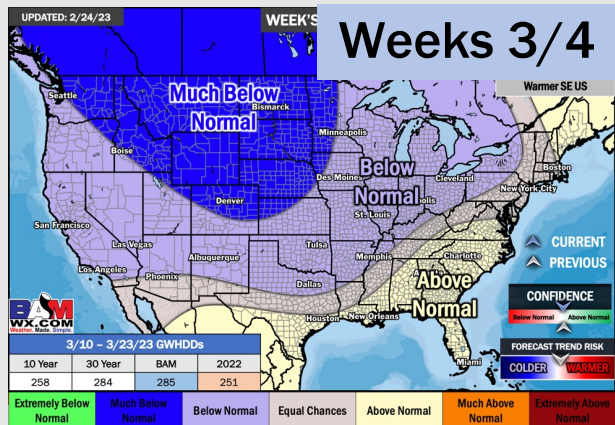
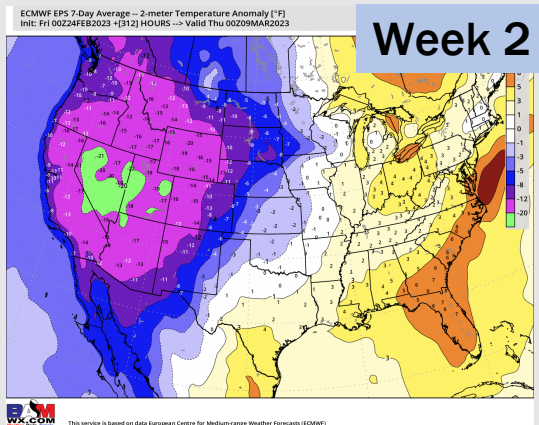
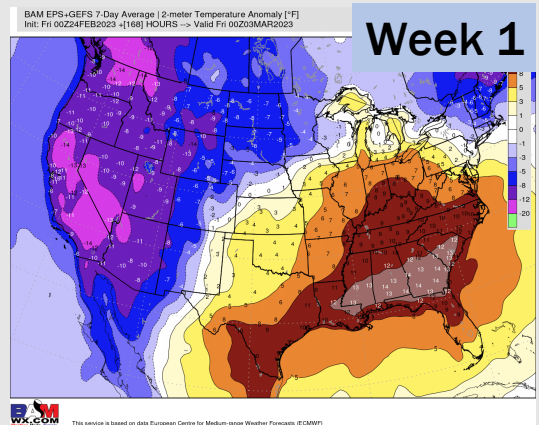
Wind Speed  
5 PM CT



High Temps  
Tuesday



# Houston Pilots: 2/26/23



- Multiple rounds of rain showers throughout the week are expected. Temperatures are expected to be well above average over the next seven days.
- Expecting below normal precipitation chances and above normal temperatures extending into the week 2 timeframe.
- Anticipating equal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.