

Houston Pilots Forecast Package



Updated: 2:30 PM CT

Wednesday, February 22, 2023

Forecaster: Alyssa McClung

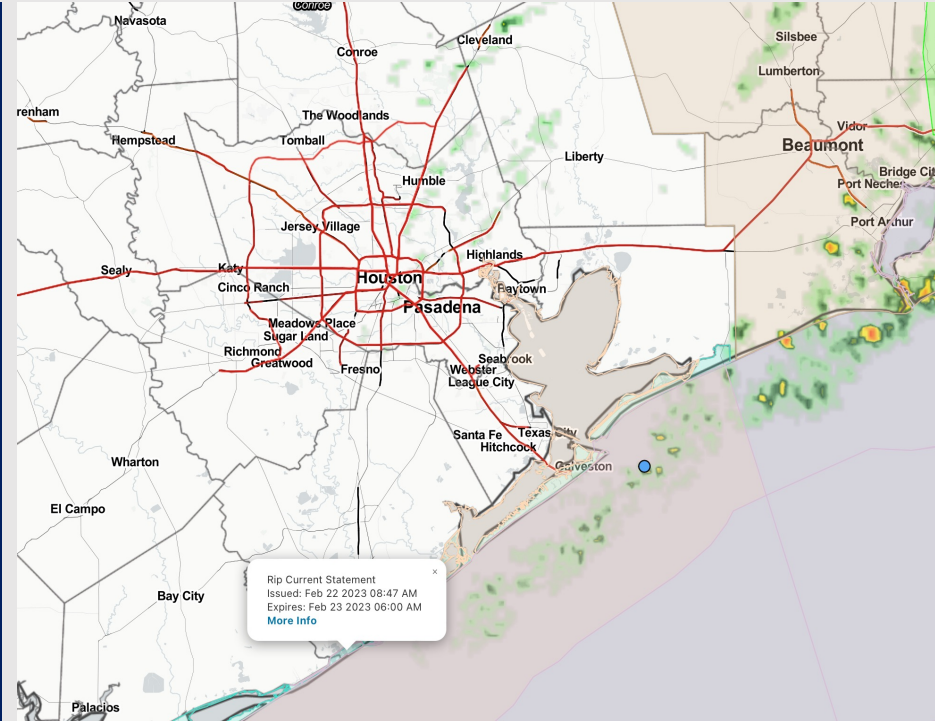
Weather Headlines

➤ **Sea fog expected to increase in coverage with visibilities reduced to less than 1 mile. Fog will likely continue across stations over the next couple days with coverage alternating between patchy and widespread.**

➤ **Isolated shower chances on the order of <20% are expected through at least mid-week. This looks like a rather low-end risk.**

➤ **Winds will continue primarily out of the south (with variations to SW) over the coming days. A weak front tries to work in tomorrow, but likely struggles to change wind direction. The best chance for elevated winds will arrive today with winds in the 15 - 20 kt range.**

➤ **Wave heights of 5-7 feet will be possible after ~9 AM Wednesday through 6 PM.**



Radar/NWS Alerts: 2:30 PM CT



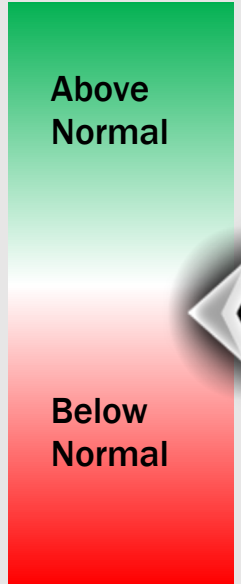
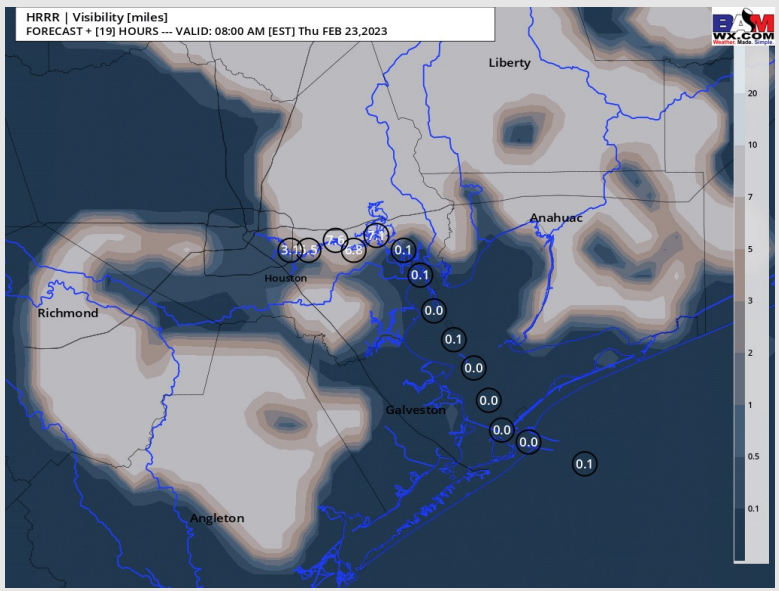
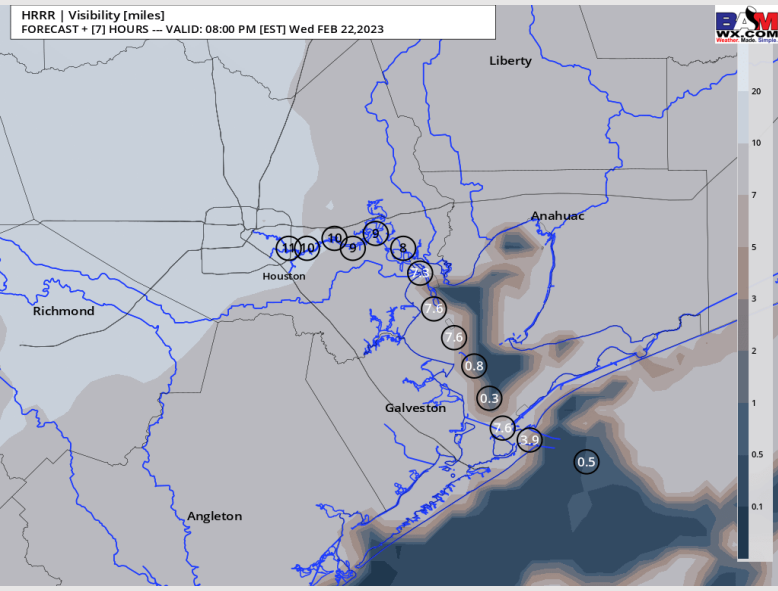
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



7 PM CT WED VISIBILITY 7 AM CT THUR VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
6 PM WED - 12 PM THUR	Med - High

- Anticipating patchy fog risk (visibilities between 2 - 5 miles) beginning this evening around 6 PM with the Boarding Station and 11/12 at risk for visibilities less than 1 mile. Fog will continue to creep North throughout the evening with 1 - 3 mile visibilities to build in impacting all stations by 8 PM while the Boarding Station and 11/12 see visibilities of less than 1 mile.
- Favoring the most widespread and dense fog risk to between 3 - 10 AM Thursday with visibilities of 1 mile or less.
- After 10 AM Thursday, fog is favored to become patchier in nature with visibilities improving to 1 - 3 miles visibilities. Fog will also begin retreating back towards the Gulf leaving the Boarding Station and station 11/12 at risk for visibilities of 1 mile or less.
- Favoring patchy fog risk to continue beyond Noon Thursday as conditions remain favorable for fog development.

Houston Pilots Extended Range Visibility Report



Saturday 2/25/23

SE winds will be likely on Saturday with plentiful low level moisture.



Sunday 2/26/23

Southeasterly winds in the AM hours could shift more from the south towards the PM hours. Wind speeds could range between 10 - 15 kts.



Monday 2/27/23

SSW winds during the early AM hours could veer from the WNW towards the 12 PM hour, making sea fog threats minimal.



Chance for Reduced Visibility

Saturday AM	Likely
Saturday PM	Possible
Sunday AM	Possible
Sunday PM	Possible
Monday AM	Possible
Monday PM	Unlikely

Forecast Discussion

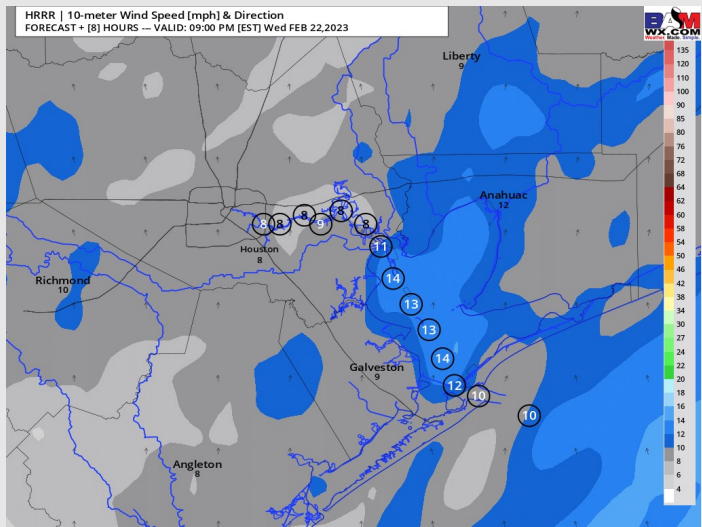
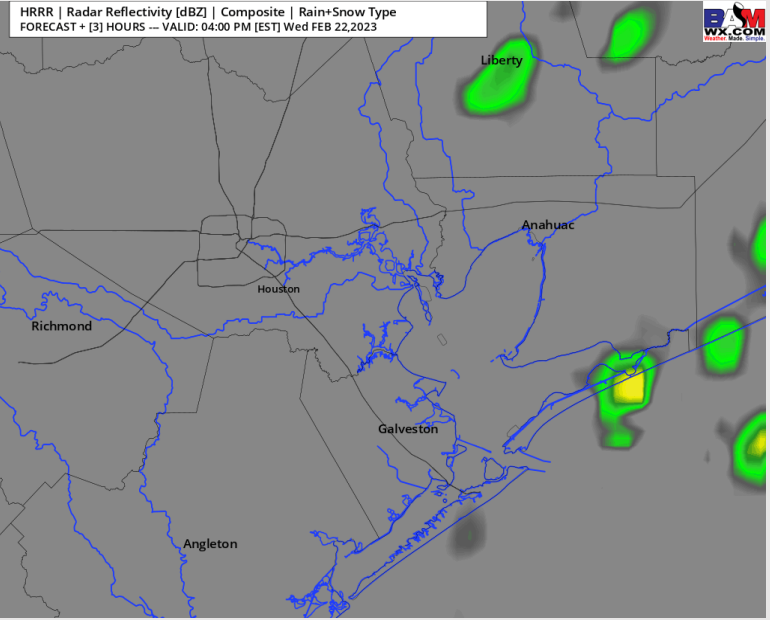
Precip: Scattered light rain showers will be possible out through 5 PM today. After 5 PM, anticipating dry conditions for the rest of the evening / overnight.

Wind: Sustained southerly winds throughout the day today at 8 - 13 kts for all stations. After 8 PM, winds north of Morgan's Point will likely decrease to 5 - 10 MPH and stay that way into the overnight.

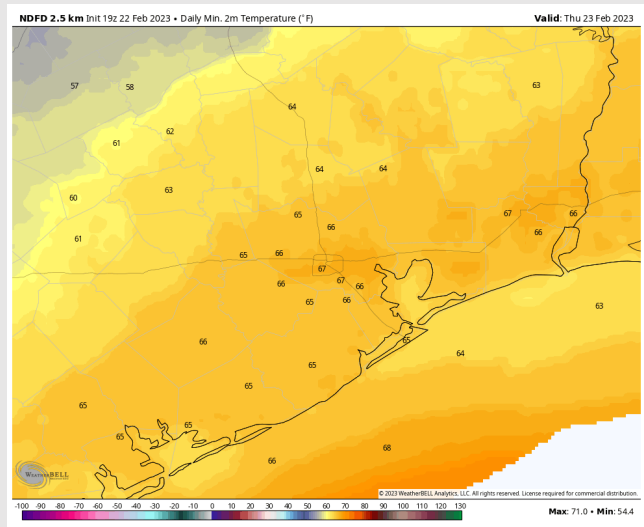
Temps: Low temperatures Thursday morning in the mid 60s F near the Boarding Station and in the upper 60s F nearing Houston Metro.

Visibility: Low cloud deck causing a few patches of 2 - 3 mile across all stations. **This evening however holds much better potential for fog to work back in. View visibility slide for more details.**

Precip Forecast: 3 PM CT



Wind Speed
8 PM CT



Low Temps
Thursday AM

Forecast Discussion

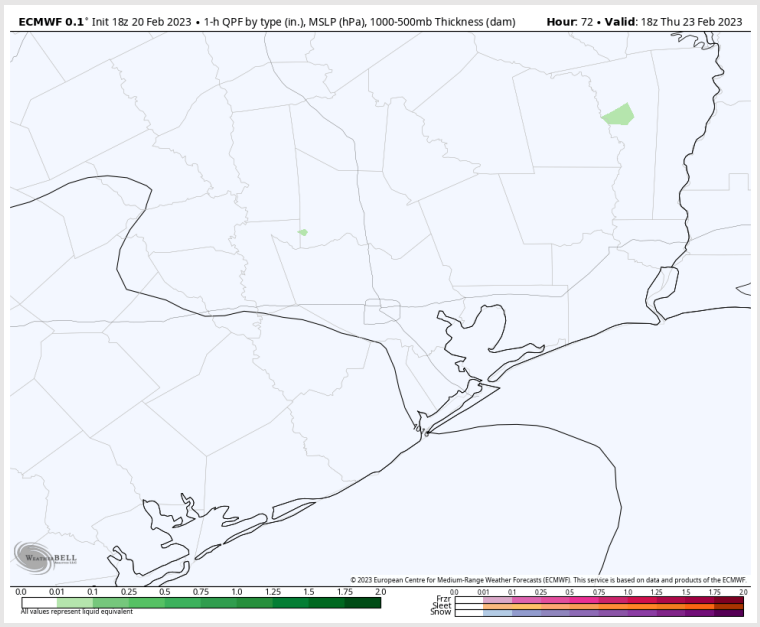
Precip: Favoring dry conditions Thursday.

Wind: Winds will be S – SE throughout the day. Winds north of Morgan’s Point will be at 5 – 10 kts and winds south of Morgan’s Point will be at 10 – 15 kts until 12 PM. Between 12 – 3 PM, winds become variable for all stations as a weak front moves through the channel from the north. After the weak front moves through, winds return to the original ranges from the AM for the rest of the evening.

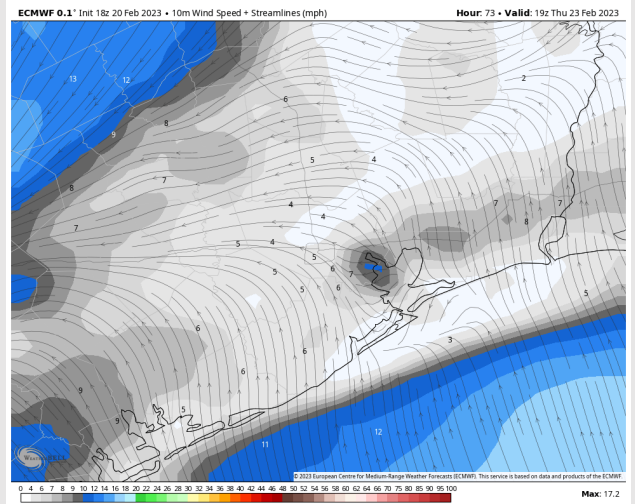
Temps: High temperatures Thursday will be in the upper 70s north of Morgan’s Point and mid to lower 70s south of Morgan’ Point.

Visibility: Anticipating widespread fog to be likely Thursday morning with chances becoming patchy around noon. Sea fog will likely work back in Thursday evening.

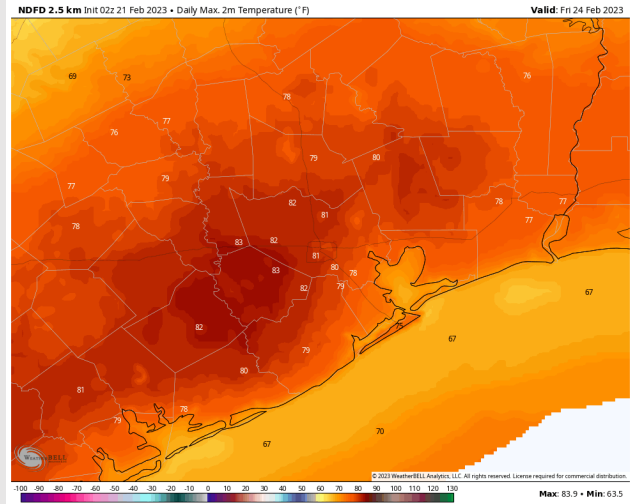
Precip Forecast: 4 PM CT



Wind Speed
1 PM CT



High Temp
Thursday



Houston Pilots: Fri. 2/24/2023



Forecast Discussion

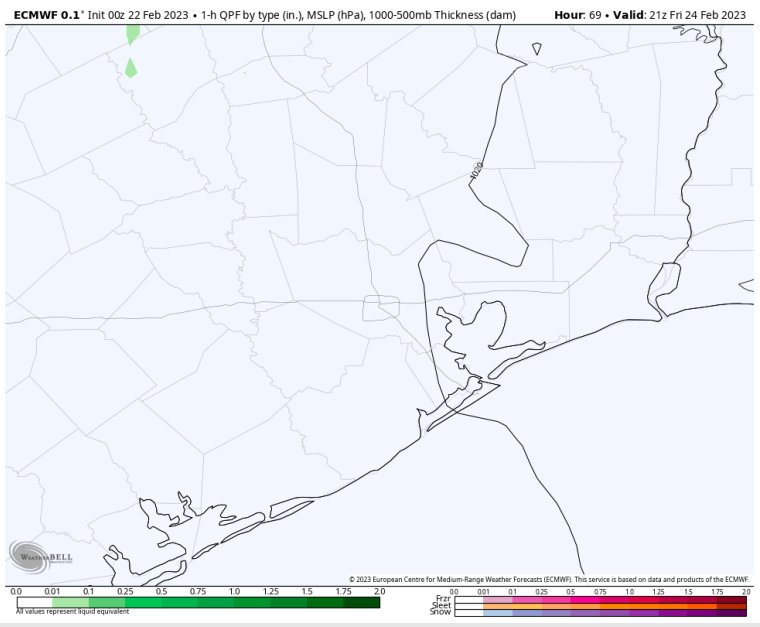
Precip: Anticipating dry conditions for Friday with a 10% chance for a stray sprinkle or two during the early afternoon hours..

Wind: Sustained winds will be from the SSE to SE on Friday. Winds will start out 3 – 8 kts north of Morgan’s Point and 8 – 12 kts south of Morgan’s Point. Towards 11 AM winds will be at 8 – 13 kts across all stations. At around 9 PM winds will slightly decrease to 5 – 11 kts.

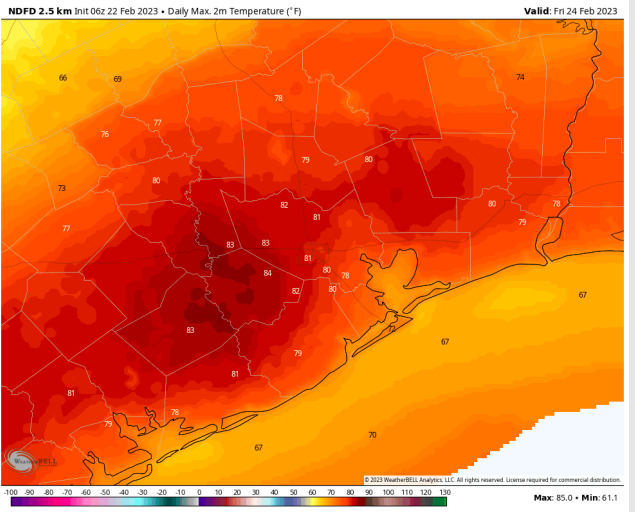
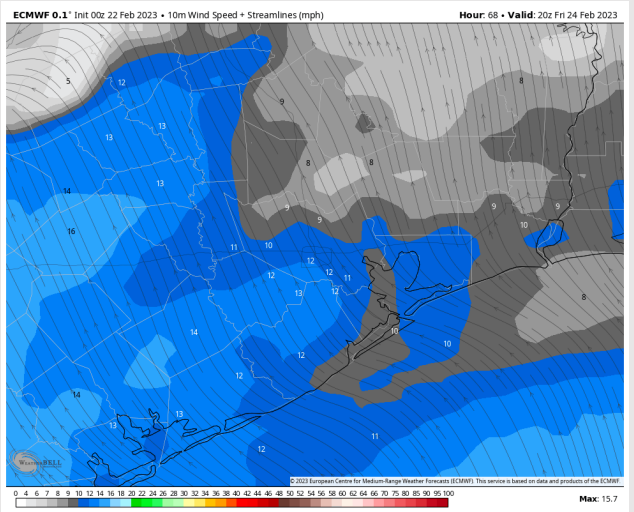
Temps: High temperatures Friday will be near 80 F north of Morgan’s Point and in the mid 60s F to lower 70s F south of Morgan’s Point.

Visibility: Sea fog threats will be highly likely during the AM hours. More information will be added as we get closer-to-date.

Precip Forecast: 3 PM CT

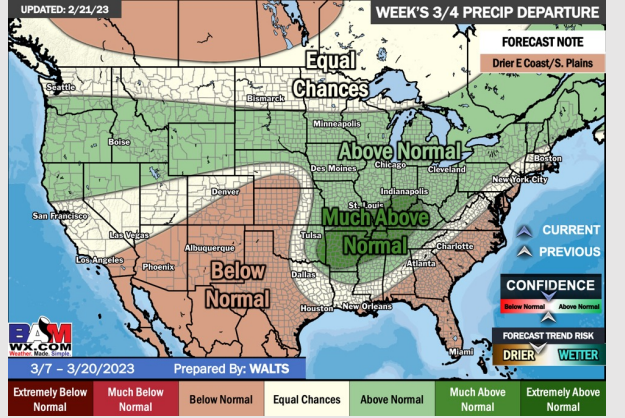
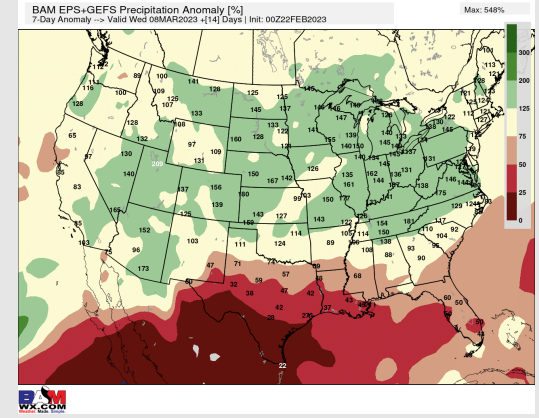
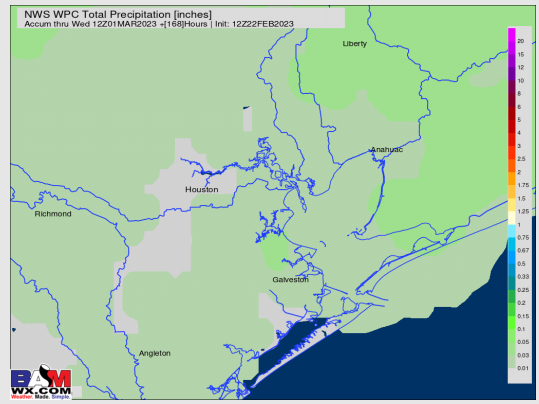
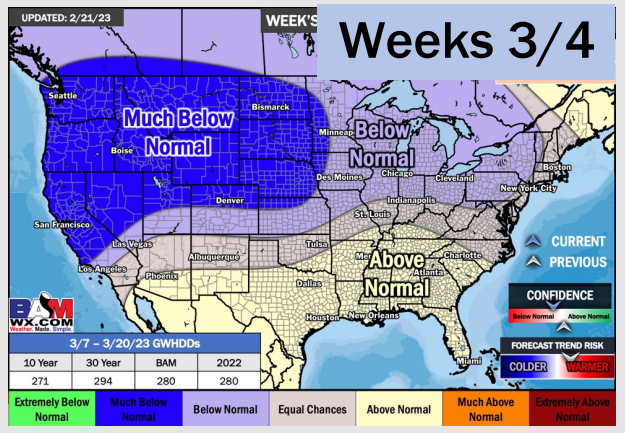
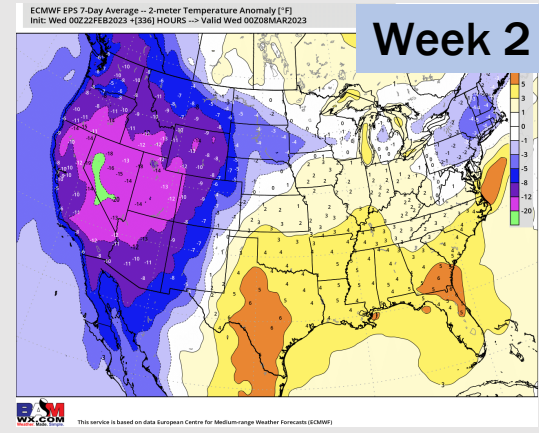
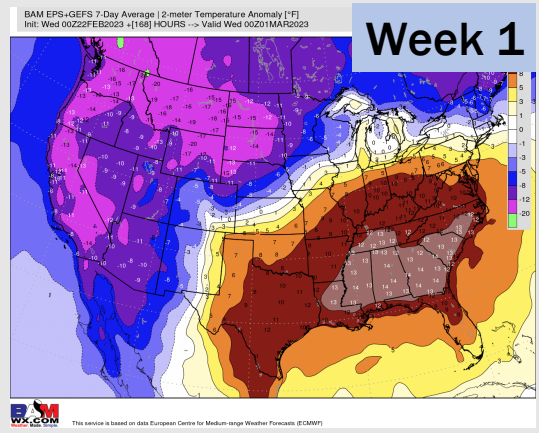


Wind Speed
2 PM CT



High Temps
Friday

Houston Pilots: 2/22/23



- Daily, isolated rain chances will be around for much of the week. These are low end chances with totals staying rather low. Temperatures are expected to be well above average over the next seven days with much below normal precipitation.
- Expecting below normal precipitation chances and above normal temperatures extending into the week 2 timeframe.
- Below normal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.