

Houston Pilots Forecast Package



Updated: 2:20 PM CT

Sunday, January 29, 2023

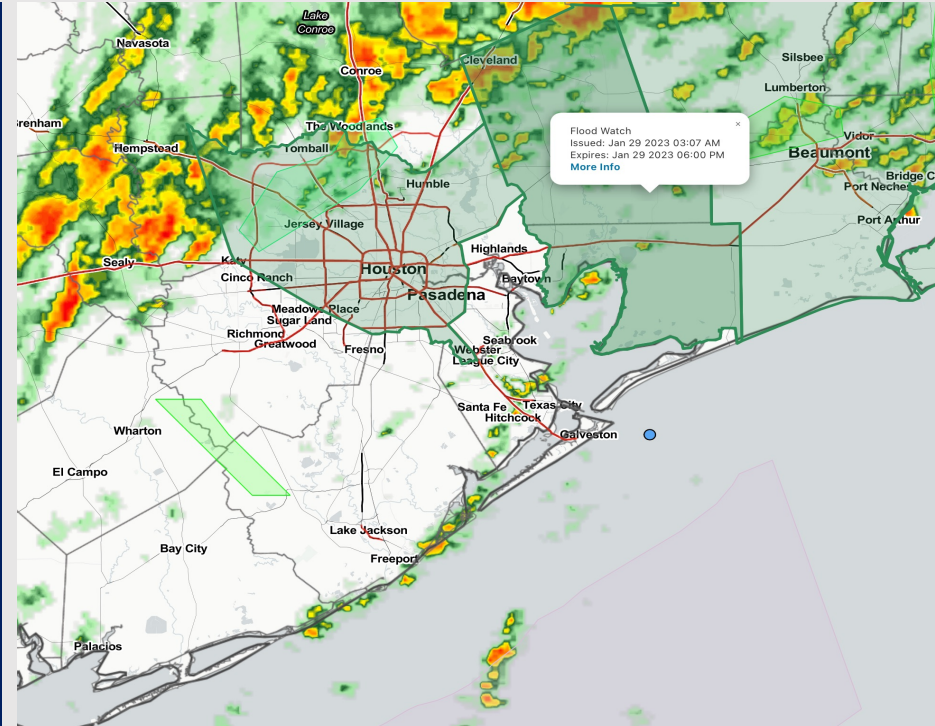
Forecaster: Alyssa McClung

Weather Headlines

➤ Fog chances will be possible through the evening. Front passing through the overnight will reduce fog risk into Monday, however stalled front in the Gulf could allow for sea fog to creep back in towards the Shoreline late Mon – Tuesday. (View visibility slide)

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

➤ Favoring the next three days to hold winds in the 5 – 15 kt range, with a few gusts of 20 kts possible at the Boarding Station through the evening.



Radar/NWS Alerts: 2:20 PM CT



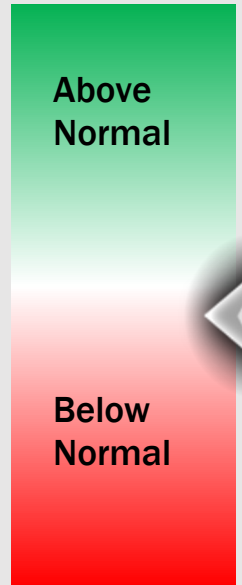
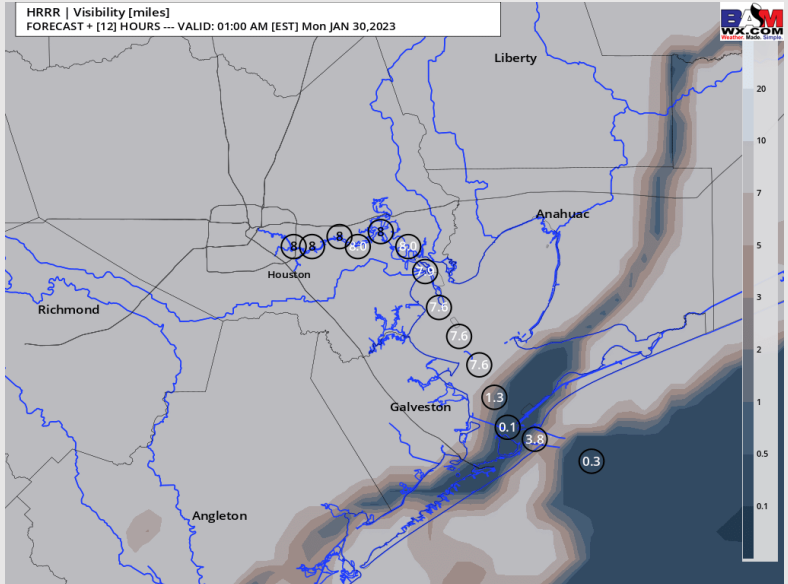
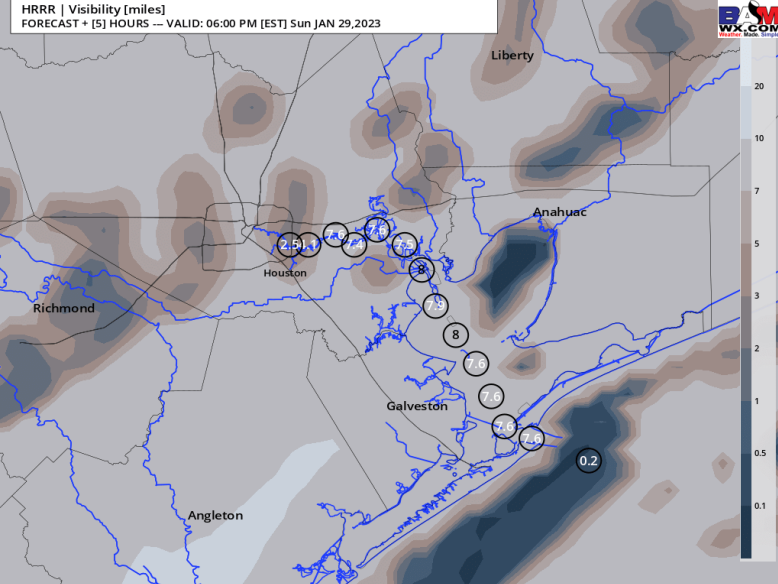
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



5 PM CT SUN VISIBILITY 12 AM CT MON VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
5 PM SUN - 1 AM MON	Medium

- Favoring a low cloud deck and scattered showers/storms to continue to reduce visibilities down to 2 - 4 miles for all stations through the rest of the PM.
- Patchy fog is favored to work in near the Boarding Station around 5 PM where it will continue develop within the GALV Bay area, impacting stations South of Morgan's Point throughout the evening.
- Favoring the greatest patchy dense fog risk (visibilities of 1 mile or less) to be within the 7 - 10 PM timeframe. Anticipating front to move through the region around 12 - 1 AM helping to alleviate the risk for fog.
- **Something to note is that earlier model data favored front to stall near coastline which would then allow for fog to linger from the Boarding Station to Station 25/26 Monday AM. Recent data pulls the front further south, leading to less of a fog risk which is what I also favor at this time.**

Houston Pilots Extended Range Visibility Report



Wednesday 2/1/23

Wednesday looks to have SSE winds in the 10 - 15 kt range - conducive for sea fog.



Thursday 2/2/23

A flip from the SE to the NW after a frontal passage sometime in the early morning hours of Thursday should clear visibilities for the entire day.



Friday 2/3/23

Anticipating northwesterly to northerly winds for Friday, making foggy conditions unlikely.



Chance for Reduced Visibility

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

Houston Pilots: Sun. 1/29/2023



Forecast Discussion

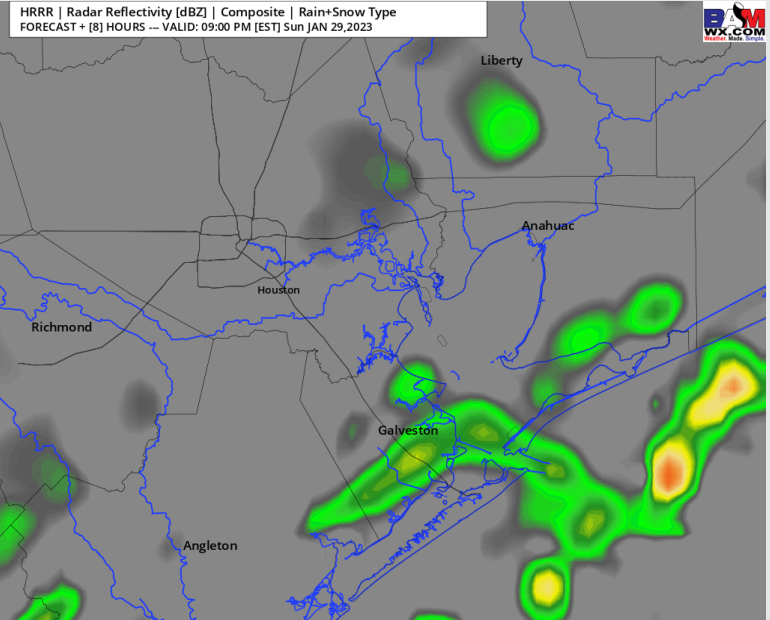
Precip: Favoring a 60% chance for scattered rain showers / thunderstorms to continue until 5 PM. After 5 PM, favoring chances to reduce to 20-30% as showers become more isolated continuing through the rest of the evening.

Wind: Sustained winds out of the SW at 13 - 18 kts across all stations until 5 PM. After 5 PM, winds will gradually die back down to 8 - 13 kts across all stations becoming more variable. Winds will shift out of the N and pick up to 10 - 15 kts nearing the midnight timeframe. Gusts of 20 - 30 kts possible out through 5 PM.

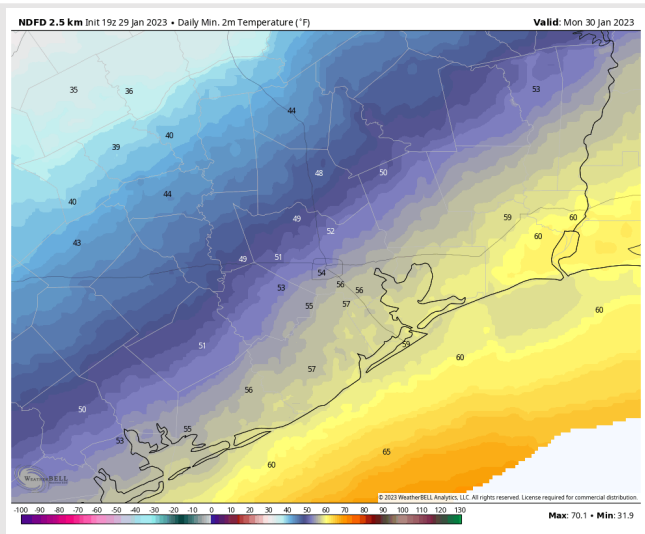
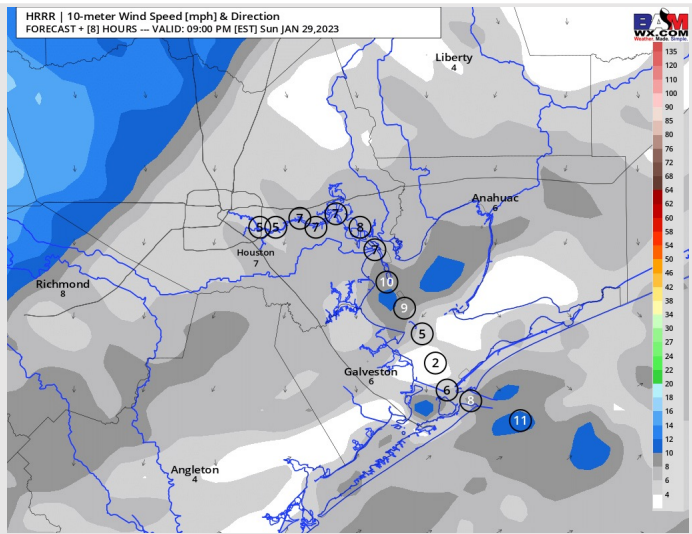
Temps: Low temps Monday Morning near 60 F at the Boarding Station and in the mid to upper 50s F at all other stations.

Visibility: Patchy fog risk for this evening up through the Midnight - 1 AM timeframe as low level moisture and SW winds allow for more favorable conditions. Heavy rain may also reduce visibilities through the PM. View visibility report for more details.

Precip Forecast: 8 PM CT



Wind Speed
8 PM CT



Low Temps
Monday AM

Houston Pilots: Mon. 1/30/2023



Forecast Discussion

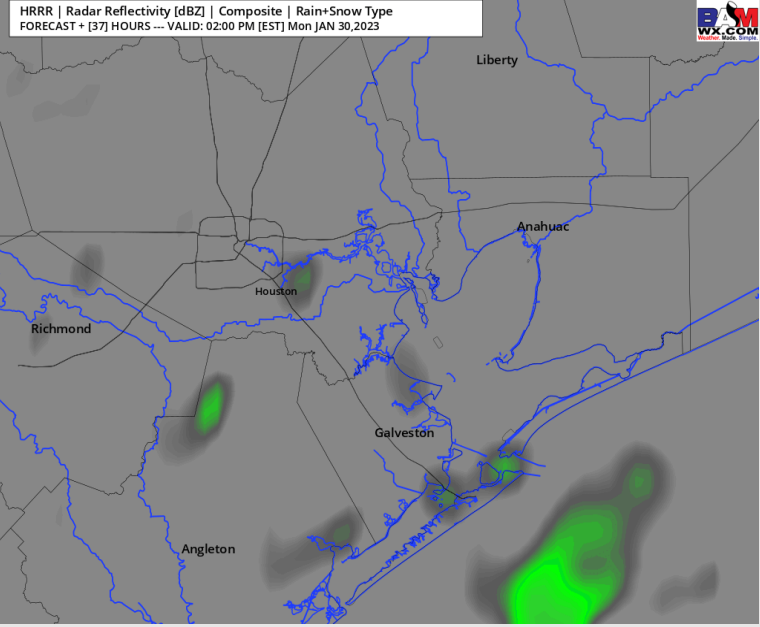
Precip: Anticipating a 10-20% chance of isolated showers throughout the entire day Monday. An increased chance of 40% near the Boarding Station will be from 1-4 PM, but then decreasing back down to 10-20% after 4 PM.

Wind: Sustained winds will be out of the NNW throughout entire day on Monday. Winds will start at 10 – 8 kts north of Morgan’s Point until 6 AM, where they will pickup to 7 – 13 kts and remain as such for the rest of the day. Stations south of Morgan’s Point will see winds of 7-13 kts until 5 PM, where winds increase to 13-18 kts. Gusts of 20 kts possible through the AM.

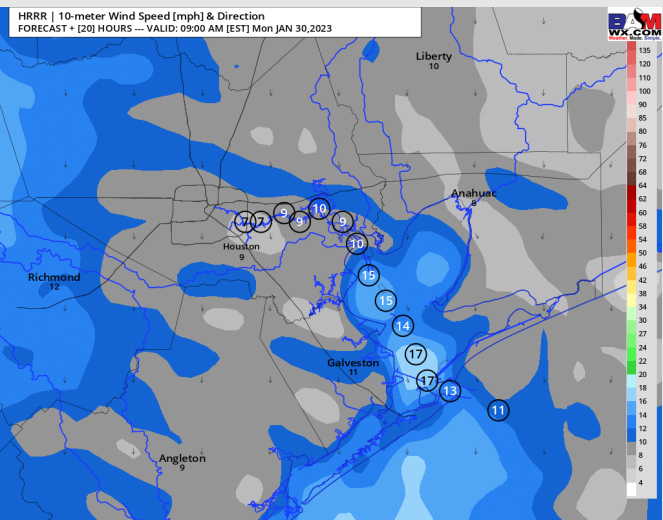
Temps: High temperatures Monday will be in the upper 50s F to near 60 F across all stations.

Visibility: Not favoring fog to impact stations at this time as a front is expected to move through around the 1 AM timeframe, shifting winds out of the N/NW. That being said, there is a low end risk this front stalls closer to the shoreline Monday AM which would then allow for potential fog development.

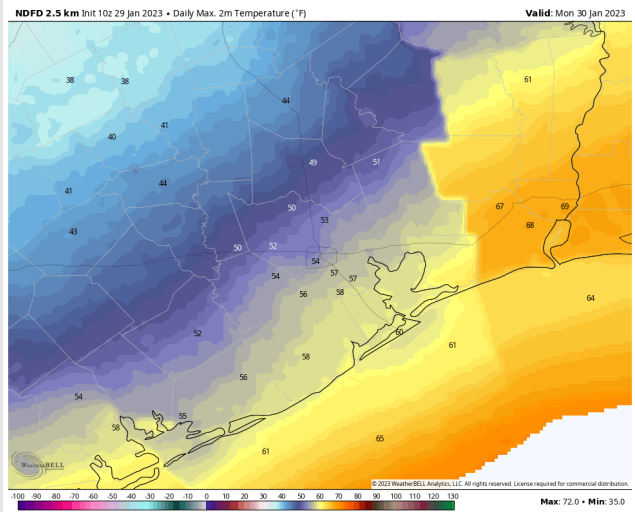
Precip Forecast: 1 PM CT



Wind Speed
6 PM CT



High Temps
Monday



Forecast Discussion

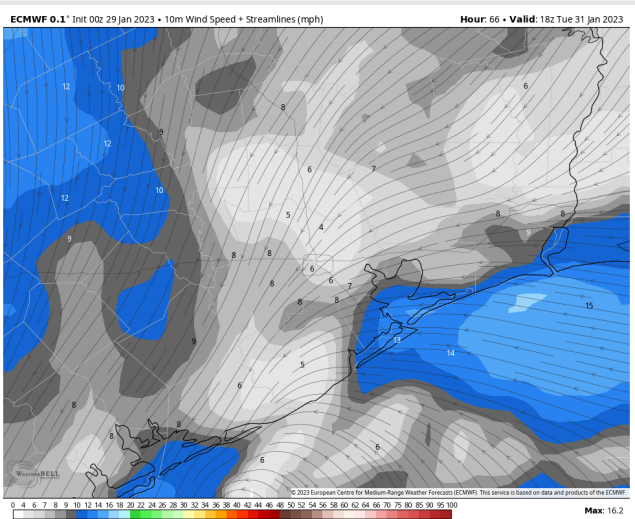
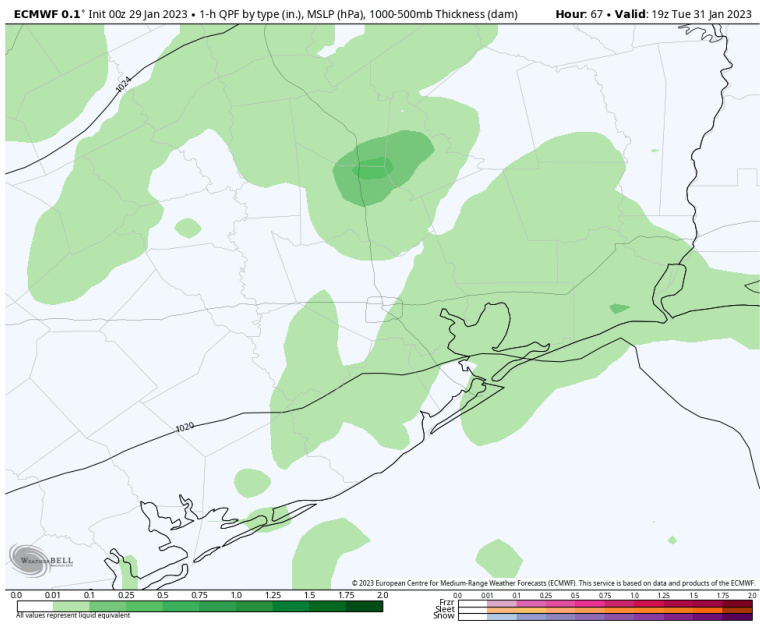
Precip: Anticipating a wet day for Tuesday with a 30% chance of scattered showers from 12AM – 6 AM. After 6 AM favoring scattered showers to fill in more, bringing a 60% chance of precipitation from 6 AM – 8 PM. After 8 PM shower activity will decrease in coverage to 30% once more.

Wind: Variable winds with favorability from the SE will veer more from the NE towards the late PM hours towards 7 PM. Winds N of Morgan’s Point will be 5 – 9 kts and S of Morgan’s point will be slightly elevated at 8 – 14 kts. A brief window of calmer winds will be possible from 2 – 6 PM where winds will be 3 – 7 kts, then after 6 PM expecting winds to return to respective ranges listed above.

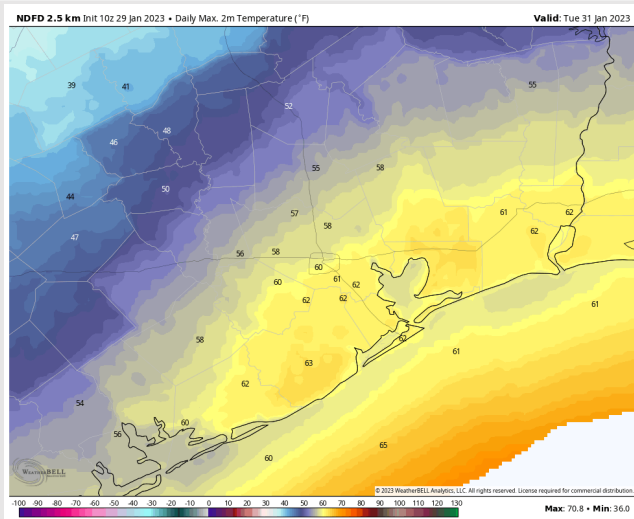
Temps: High temperatures Tuesday will be in the mid to lower 60s F across all stations.

Visibility: Favoring patchy fog risk to sit further out into the Gulf throughout the day Tuesday. Low to medium risk for this fog to creep NW towards the Boarding Station.

Precip Forecast: 1 PM CT

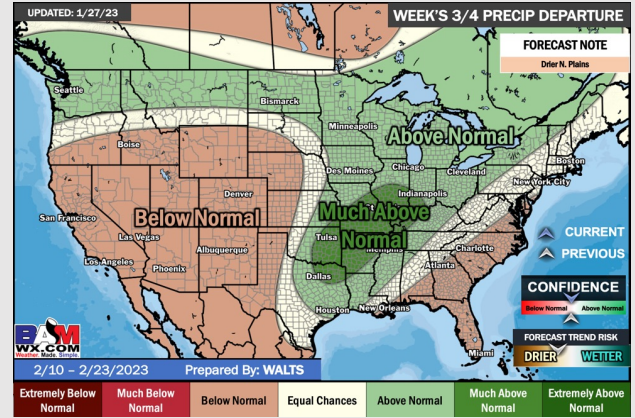
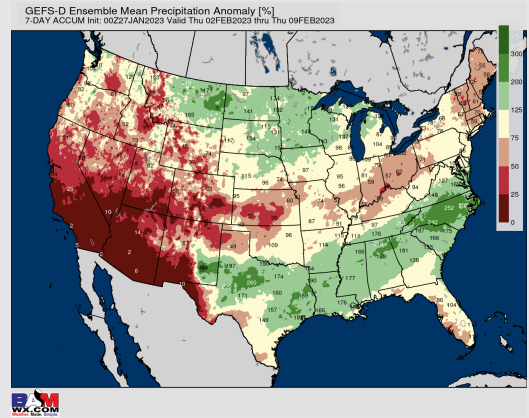
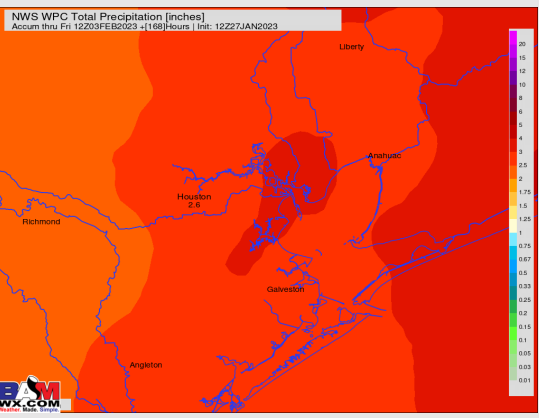
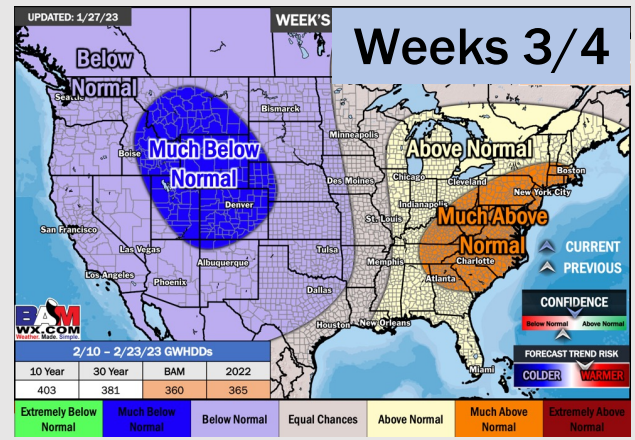
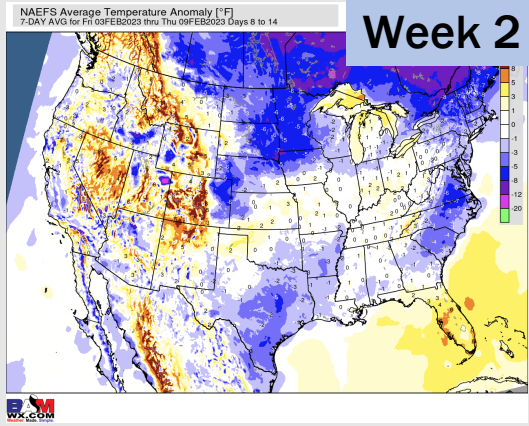
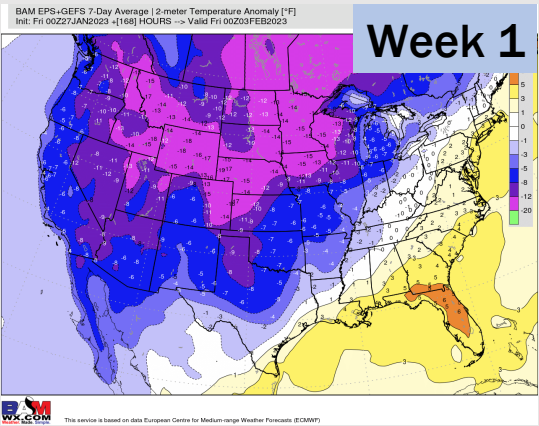


Wind Speed
12 PM CT



High Temps
Tuesday

Houston Pilots: 1/29/23



- 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.
- Above normal precipitation chances and below normal temperatures expected in the weeks 3/4 timeframe.