

Houston Pilots Forecast Package



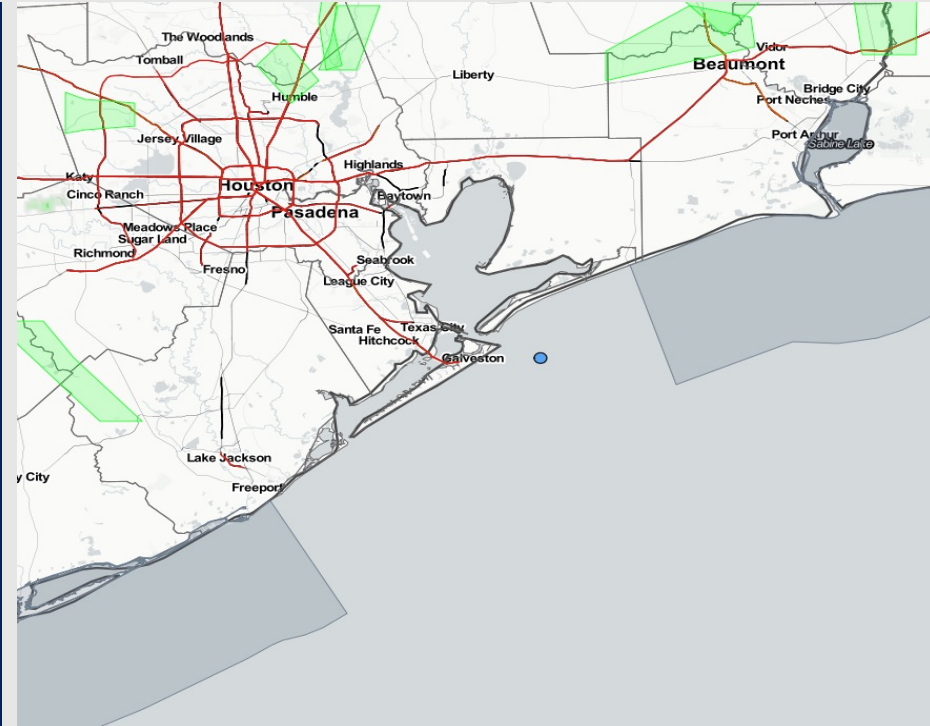
Updated: 1:00 PM CT

Monday, January 30, 2023

Forecaster: Vince Bryan

Weather Headlines

- Please check fog slide below for the best thinking on fog chances working into tomorrow.
- 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.



Radar/NWS Alerts: 1:00 PM CT



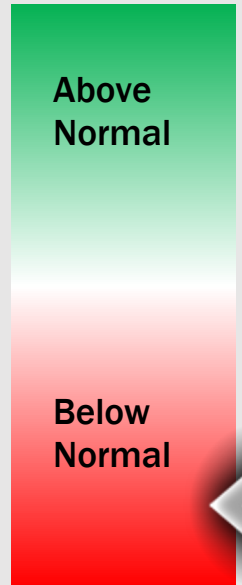
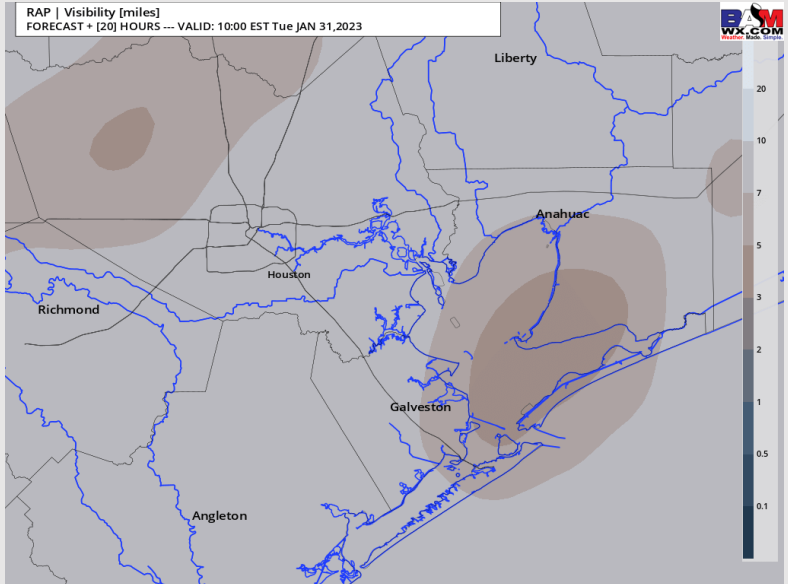
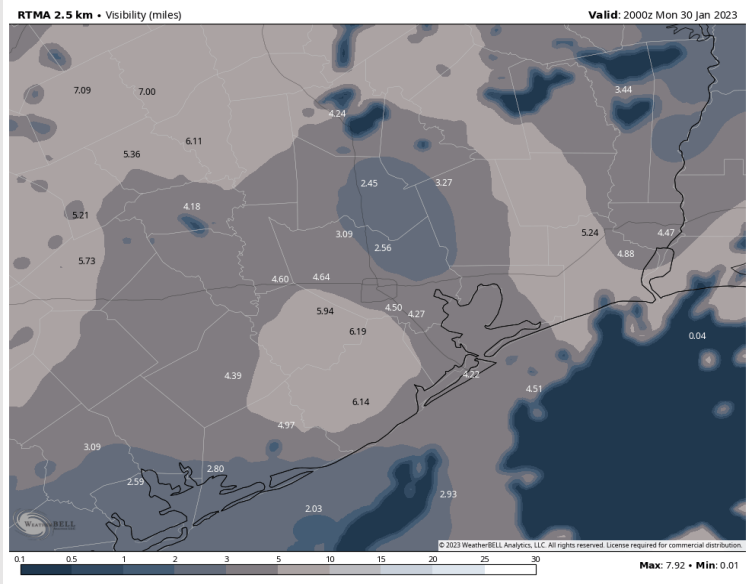
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



CURRENT VISIBILITY 7 AM CT TUE VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT- 10 AM TUE	Low - Medium

- Pockets of lower visibility have been noted in spots across the channel, most notably near 37/38. There is lower confidence moving forward on both coverage and timing as it is rare to have a northerly wind allowing sea fog development, and fog being as hit and miss as it is.
- The concern is that there can continue to be these isolated instances of fog into the evening and overnight hours. As of this update we do not expect this to increase to a widespread threat, however the threat moving from now into tomorrow AM is for there to be patchy spots of fog (less than 2 miles of visibility) between 11/12 and Morgan's Point.
- There is 0 model support for this patchy fog which also leads to the lower confidence, but given the persistence of some reports of lowered visibilities + the patchy nature of things, we cannot fully take this out of the forecast through tomorrow AM.

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.



Friday 2/3/23

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



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.



Chance for Reduced Visibility

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

Houston Pilots Wind Report



Example

Sustained wind 13 Knots
 Gusts 18 Knots
 Wind from the N

WS: 13
 G:18
 N

Time Knots	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	
610 Bridge	7	7	6	8	7	8	7	7	7	6	7	7	7	8	6	8	8	8	9	8	8	7	8	7	7	7	8	8	8	8	9	10	10	10	10	10	10
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Kinder 1	7	7	6	8	7	8	7	7	7	6	7	7	7	8	7	8	8	9	9	8	8	7	8	7	7	7	8	8	9	10	10	10	10	10	10	10	10
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Greens Bayou	7	7	7	8	8	8	7	7	7	7	8	7	7	8	7	8	8	9	8	9	8	7	8	7	8	7	8	8	9	10	10	10	10	10	10	10	10
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Shell Crude	7	7	7	8	8	8	7	7	7	7	8	7	7	8	7	8	8	9	8	9	8	7	8	7	8	8	8	8	9	10	10	11	10	10	10	10	10
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Lynchburg Ferries	7	7	8	8	8	9	7	7	7	7	8	7	8	8	8	9	9	9	9	9	9	8	8	8	8	8	8	8	8	9	10	10	11	11	11	11	11
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Exxon 3	7	8	7	8	8	8	7	7	8	7	8	7	8	8	8	9	9	9	9	9	9	8	8	8	8	8	8	8	8	9	10	10	11	11	11	11	11
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Morgans Point	7	9	8	9	9	10	9	8	9	8	9	8	9	9	9	10	10	10	10	10	10	10	10	10	9	8	8	8	9	11	12	12	12	12	12	12	
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1 & 2 Bravo	11	11	14	13	13	14	13	13	14	13	12	12	13	15	13	14	14	14	14	15	14	14	14	14	13	12	11	11	11	13	14	14	17	17	17	17	17
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Houston Pilots: Mon. 1/30/2023



Forecast Discussion

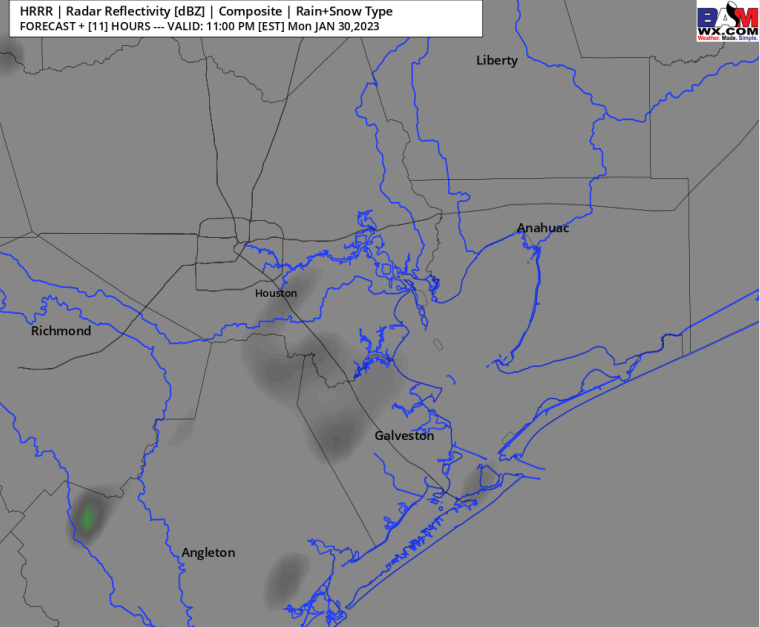
Precip: Anticipating a ~20% chance of isolated showers throughout the rest of the day. There will be continued pockets of drier time through the rest of the day.

Wind: Sustained winds will be out of the NNW throughout entire day today. Winds are generally 13-18 knots for most stations, with gusts at times 18-23 knots at the boarding station.

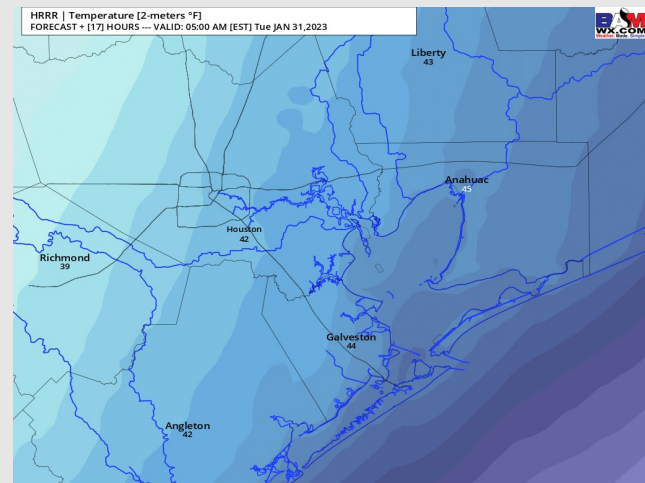
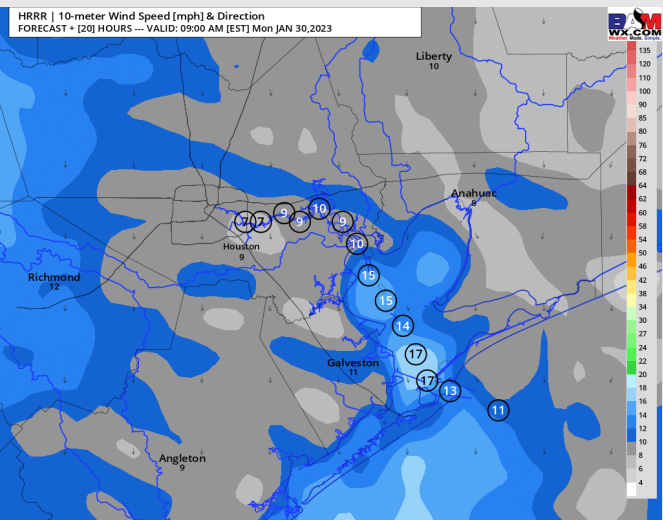
Temps: Lows fall back into the lower to mid 40s for most stations tonight.

Visibility: Check slide above for latest visibility thinking.

Precip Forecast: 10 PM CT



Wind Speed 2 PM CT



Low Temps Tue AM

Houston Pilots: Tue. 1/31/2023



Forecast Discussion

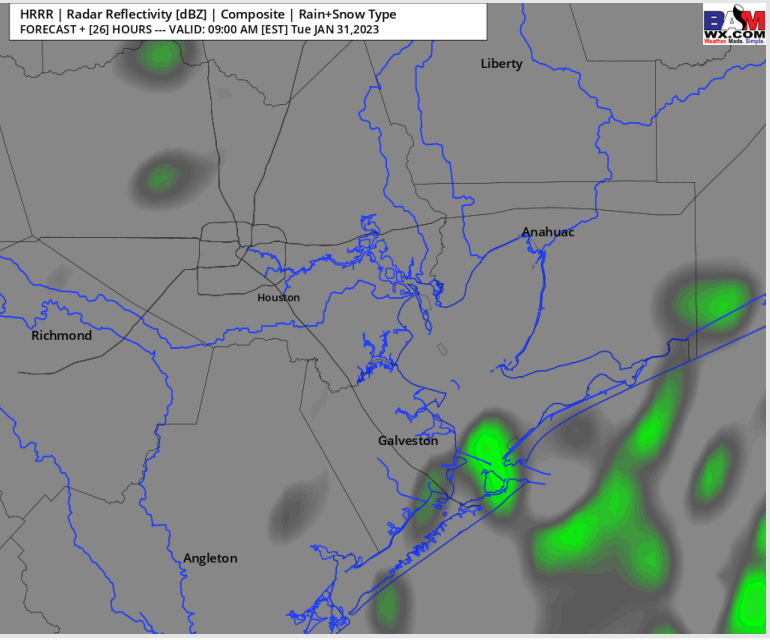
Precip: Anticipating on and off precip for Tuesday with a 30% chance of scattered showers from 12AM – 6 AM. After 6 AM favoring scattered showers to fill in more, bringing a 40% chance of precipitation from 6 AM – 8 PM. After 8 PM shower activity will decrease in coverage to 30% once more.

Wind: Expecting winds to stay primarily out of the N at 10 – 15 knots and gusts at 15-20 knots for the boarding station. Winds North of Morgan’s Point will be 5-10 knots.

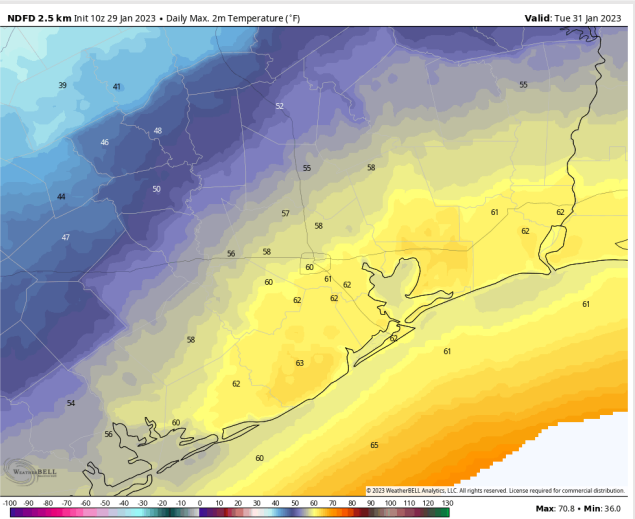
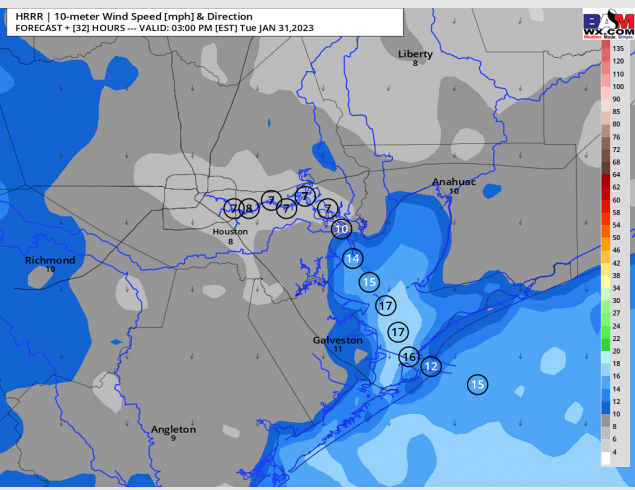
Temps: High temperatures Tuesday will be in the mid to lower 60s F across all stations.

Visibility: Please check slides above for reduced visibility potential.

Precip Forecast: 8 AM CT



Wind Speed
2 PM CT



High Temps
Tuesday

Houston Pilots: Wed. 2/1/2023



Forecast Discussion

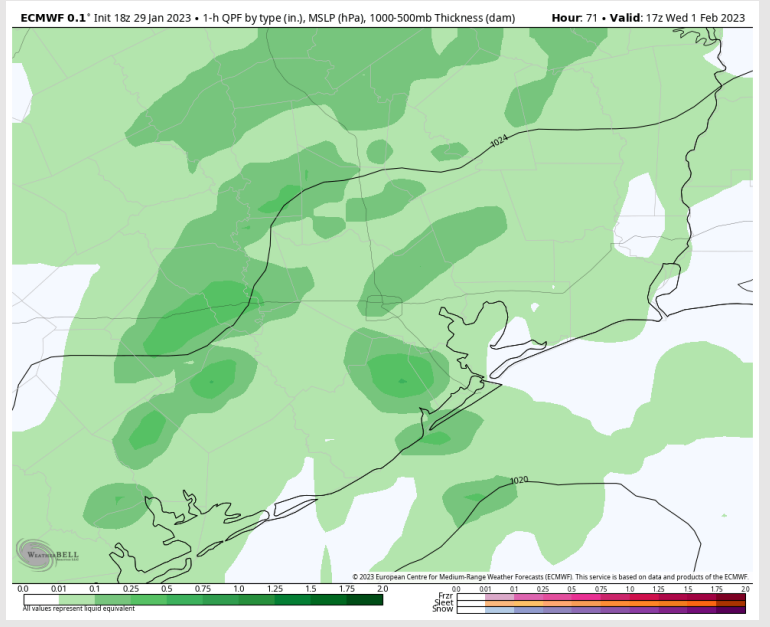
Precip: Anticipating another wet day on Wednesday. Expecting 30% isolated chance of showers to continue through the early morning until 6 AM. Coverage will then increase and become more scattered through most of the day. After around 9 PM, coverage decreases and remains through midnight.

Wind: Sustained northerly winds throughout the day Wednesday. Winds will generally stay at 17 – 12 knots for stations south of Morgan’s Point and 7 – 12 knots for stations north of Morgan’s Point through most of the day. Gusts of 20 kts are possible throughout the day.

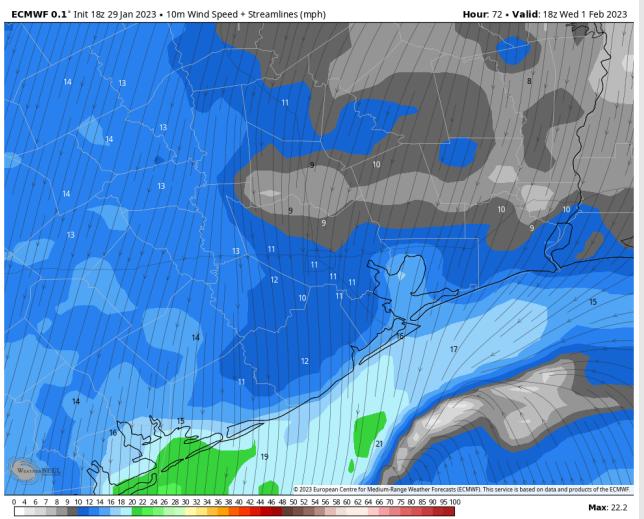
Temps: Low temps Monday Morning near 60 F at the Boarding Station and in the mid to upper 50s F at all other stations.

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

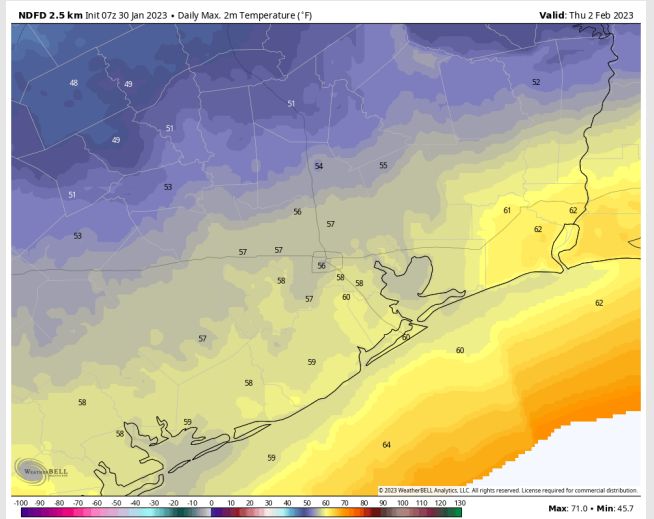
Precip Forecast: 11 AM CT



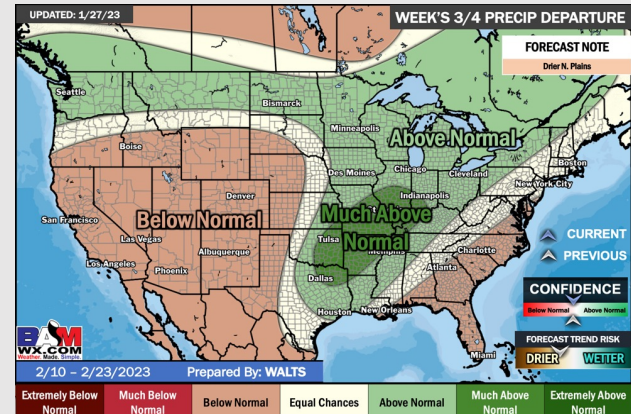
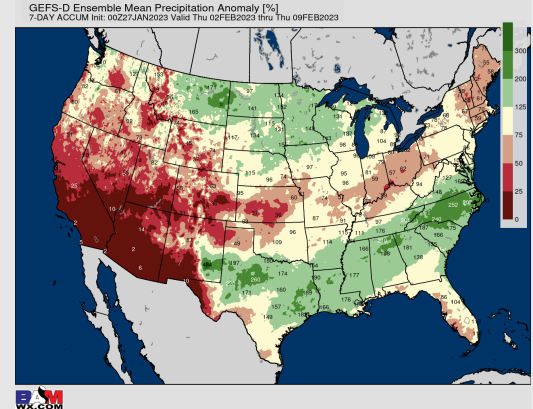
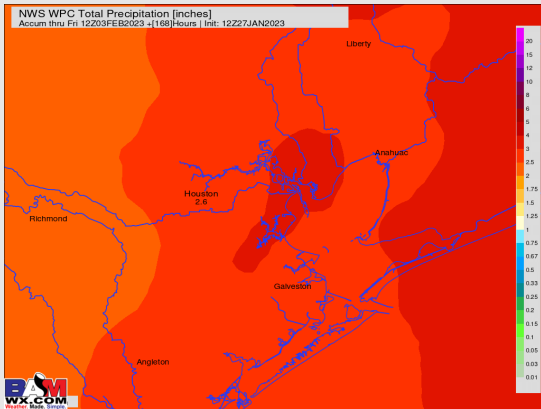
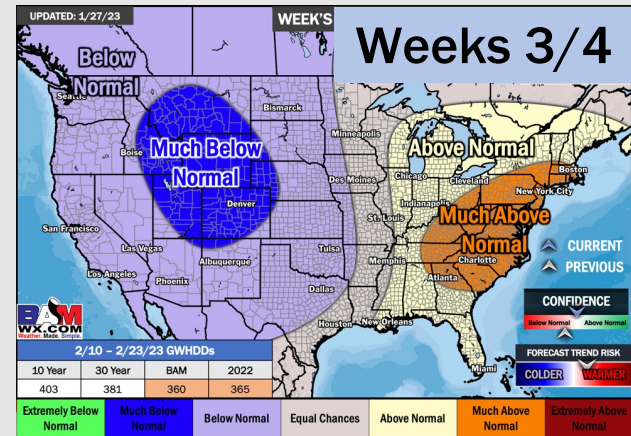
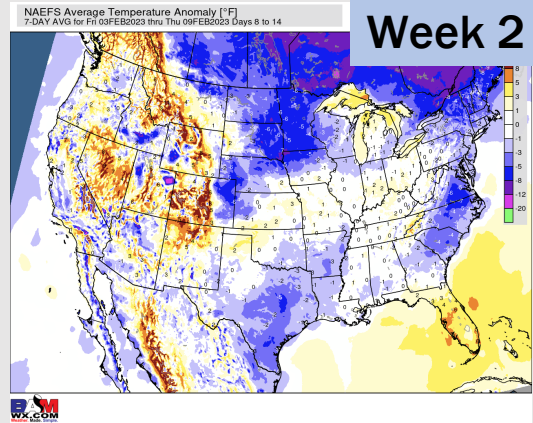
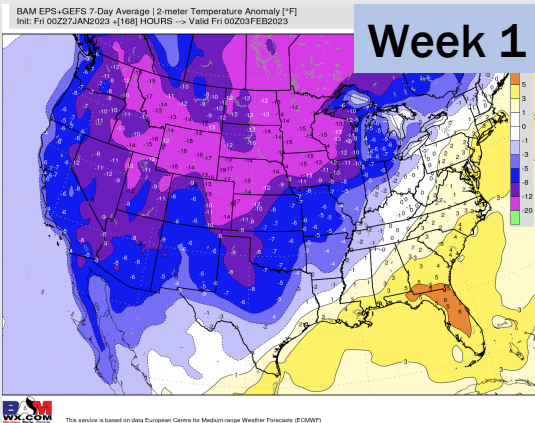
Wind Speed
12 PM CT



High Temps
Wednesday



Houston Pilots: 1/30/23



- 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.