

Houston Pilots Forecast Package



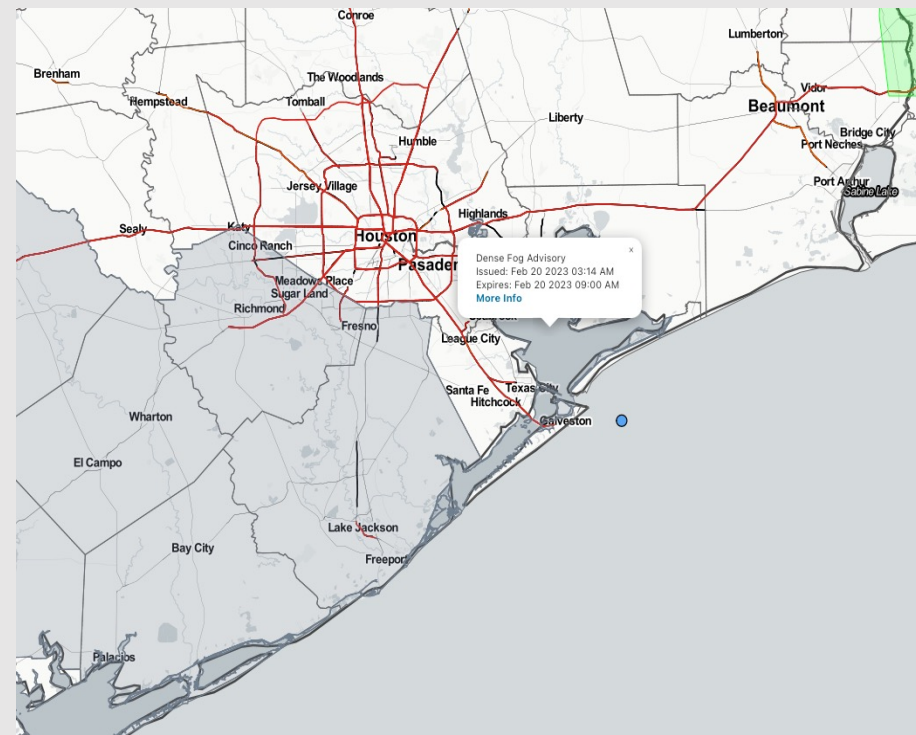
Updated: 5:00 AM CT

Monday, February 20, 2023

Forecaster: Vince Bryan

Weather Headlines

- **Multiple days of sea fog being possible (including today) as winds will be generally from the south.**
- **Isolated shower chances on the order of <30% 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 Thursday, but likely struggles to change wind direction.**
- **Wave heights of 5-7 feet will be possible late Wednesday AM through the sundown timeframe.**



Radar/NWS Alerts: 5:00 AM CT



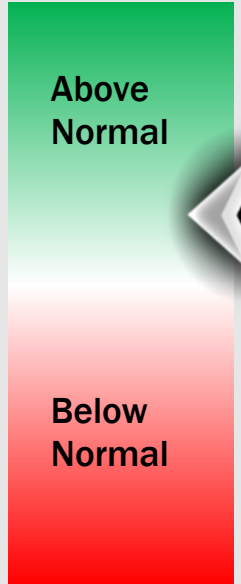
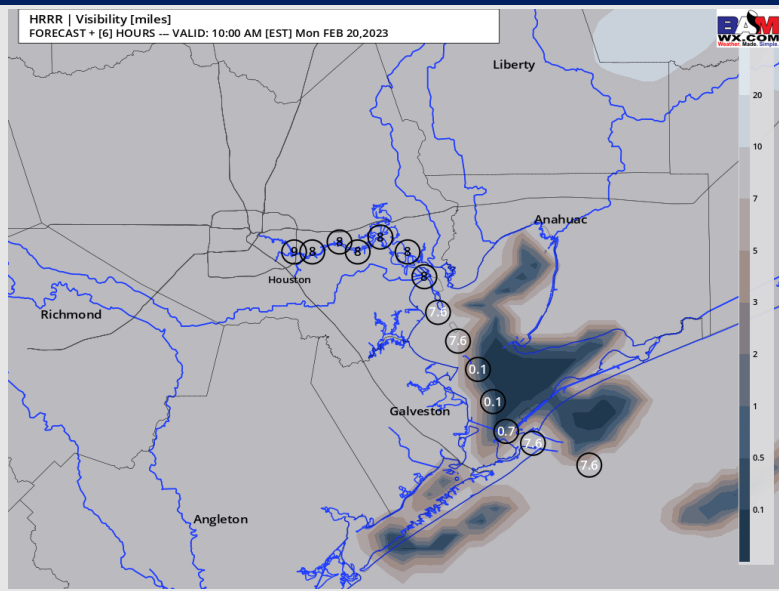
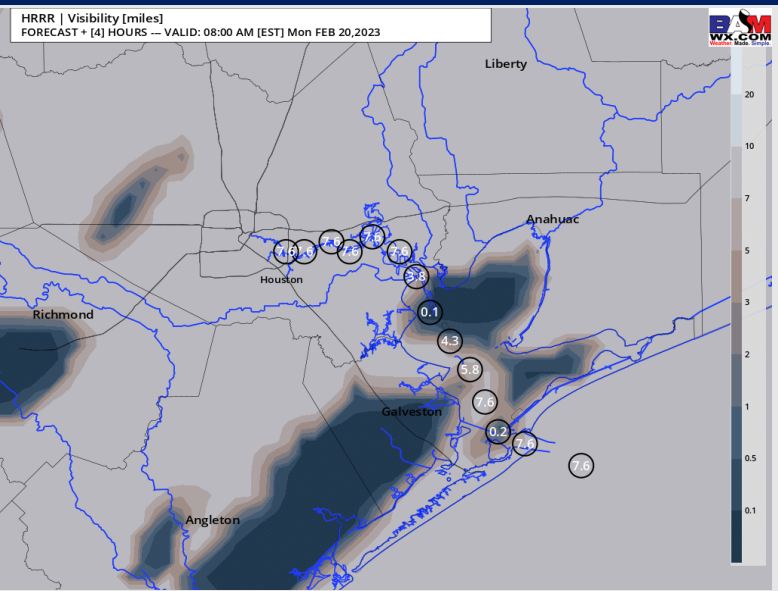
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



7 AM-CT MON VISIBILITY 9 AM-CT MON VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 10 AM MON	Low - Medium

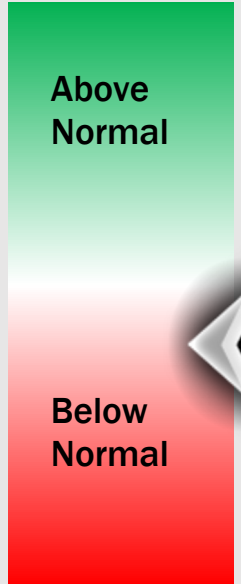
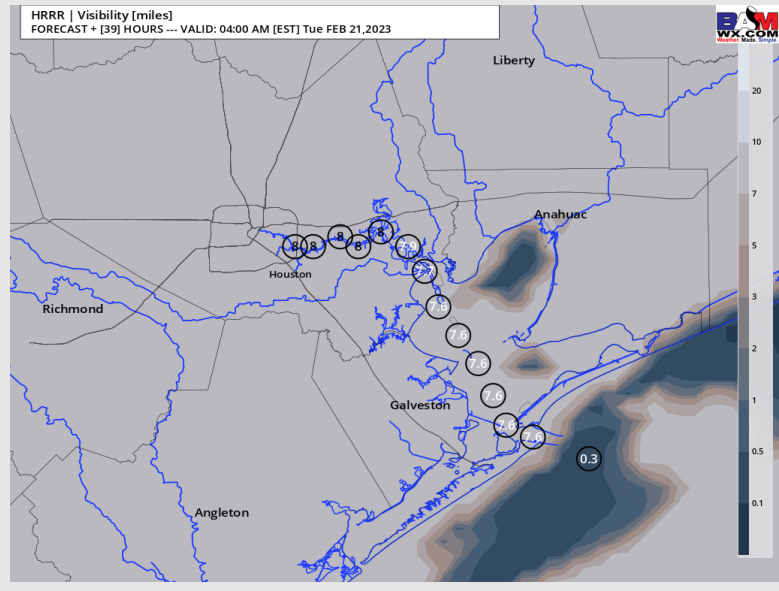
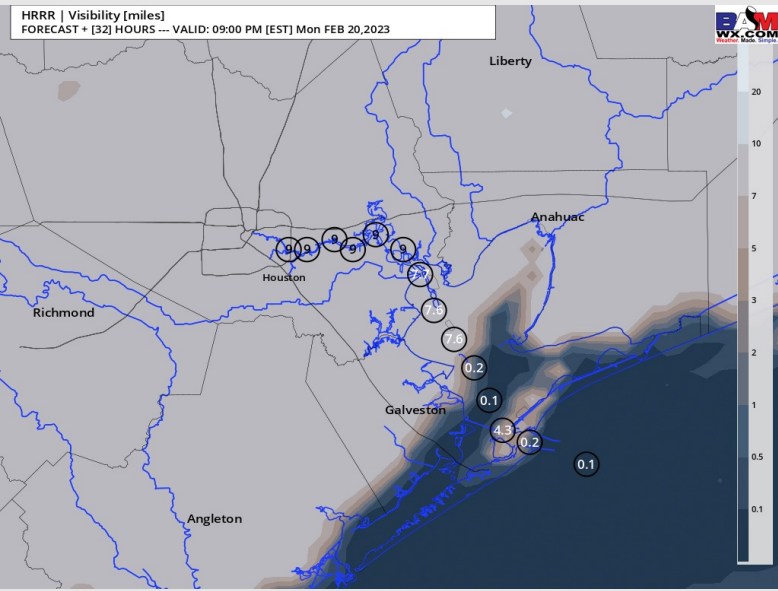
- Pockets of fog/ low clouds have been noted around the area this morning, and will likely be the case out through mid-morning. The further southern stations (11/12, boarding station...etc.) run the lowest risk (but a non-0 risk) of seeing fog this AM with better opportunities north.
- Current thinking is that fog can lift after 10 AM across all stations. As is sometimes the case working into the late AM / early PM hours, lower confidence exists on if any fog/ low clouds can stick around the area. At the moment, we are not in favor of that but it is a risk to watch.

Houston Pilots Visibility Report



8 PM-CT MON VISIBILITY 7 AM-CT TUE VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
3 PM MON - 12 PM TUES	Low - Med

- Anticipating patchy fog to begin to creep back in toward the Boarding Station as early as 5-6 PM Monday evening, likely becoming more widespread and dense nearing the 8-9 PM timeframe.
- Stations south of Morgan's Point most at risk for visibilities of less than 2 miles with the Boarding Station most at risk for prolonged periods of reduced visibility of less than 1 mile.
- Expecting fog risk to break up between 4-7 AM TUES, however lower confidence remains for exact timing and coverage, as fog could potentially linger (especially for the Boarding Station) beyond the 7 AM timeframe.

Houston Pilots Extended Range Visibility Report



Thursday 2/23/23

Southerly winds will be on the table again for Thursday in a more favorable range for sea fog.



Saturday 2/25/23

SE winds will be possible for Saturday, allowing for sea fog risks to be valid yet again.



Friday 2/24/23

SSE winds will be possible for Friday, keeping sea fog risks valid yet again.



Chance for Reduced Visibility

Thursday AM	Possible
Thursday PM	Possible
Friday AM	Possible
Friday PM	Possible
Saturday AM	Possible
Saturday PM	Possible

Houston Pilots: Mon. 2/20/2023



Forecast Discussion

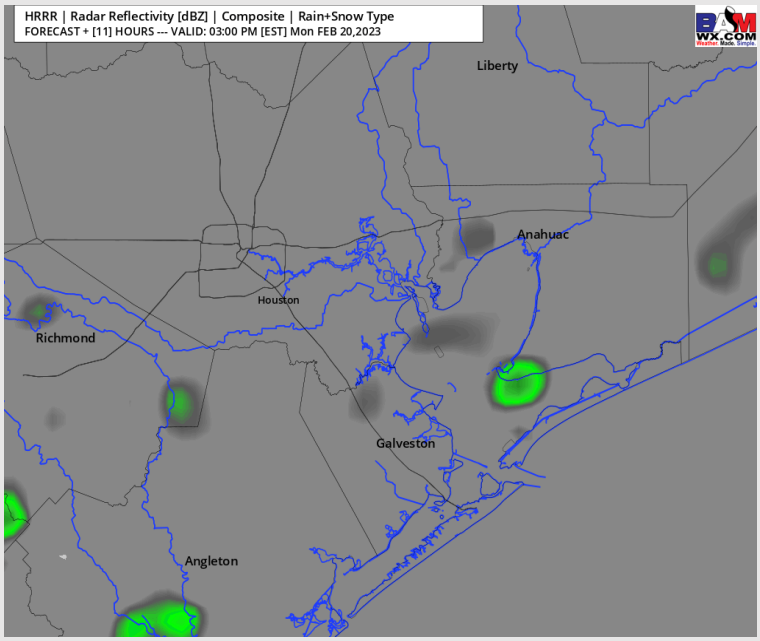
Precip: Anticipating dry conditions for this morning. A 20% chance for a passing shower will be possible between 12 PM – 7 PM. Beyond 8 PM, once again favoring dry conditions.

Wind: Southerly winds during the early AM hours will be more SW by 6 AM and remain as such for the rest of the day. Winds north of Morgan's Point will start at 4 – 8 kts and south of Morgan's point at 7 – 12 kts. By 11 AM, winds will increase slightly to 10 – 16 kts and remain as such for the rest of the day. A few pockets of up to 18 kts sustained will be possible north of Morgan's Point. **Wind gusts of up to 23 kts will be possible across all stations between 2 – 8 PM.**

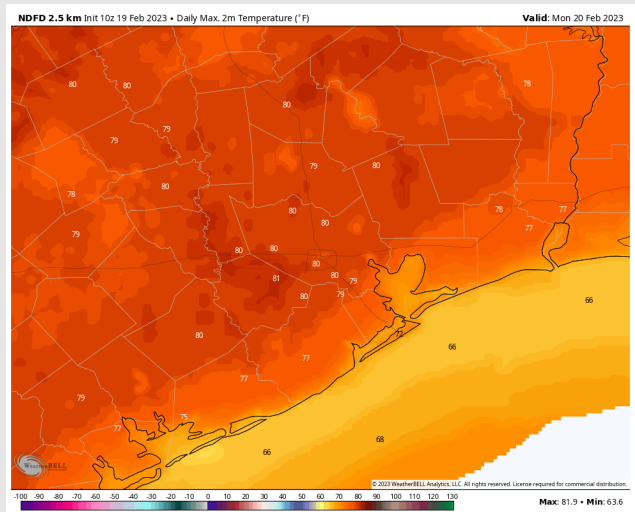
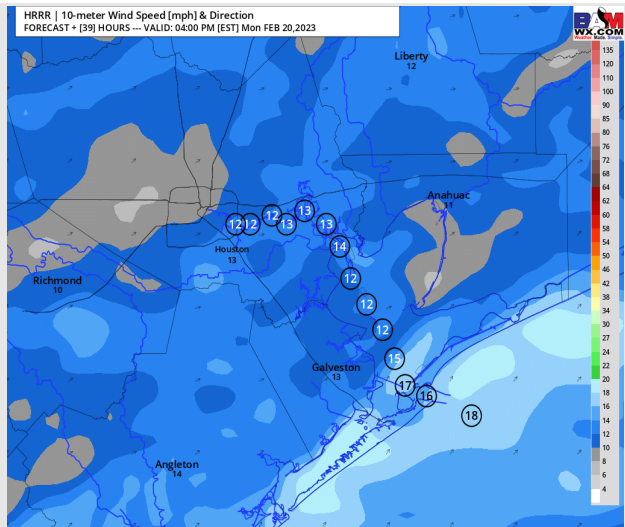
Temps: High temperatures will be in the near 80 F north of Morgan's Point and in the mid to lower 70s F south of Morgan's Point. Out towards the Boarding station and 11/12 will hold temps in the mid to upper 60s.

Visibility: Check visibility slides above for more information.

Precip Forecast: 2 PM CT



Wind Speed
3 PM CT



High Temps
Today

Houston Pilots: Tue. 2/21/2023



Forecast Discussion

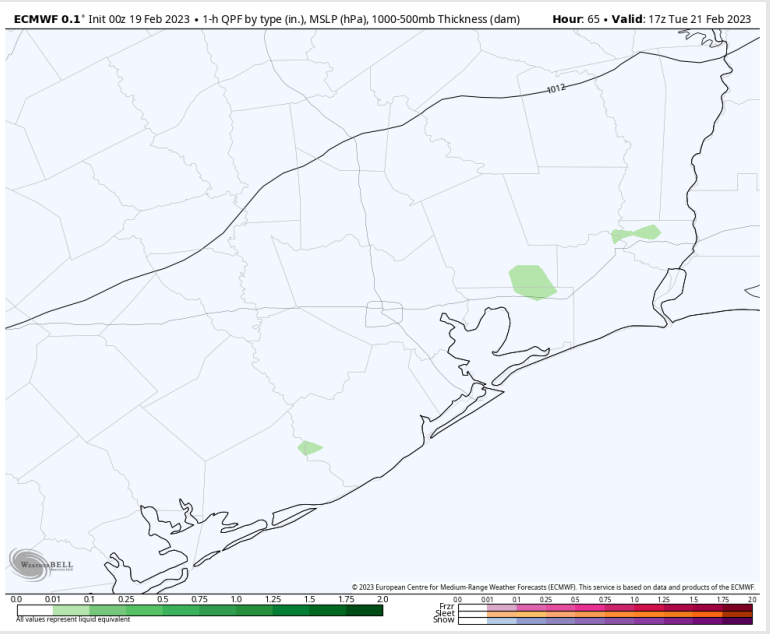
Precip: Anticipating dry conditions for Tuesday with a 20% chance for a passing shower between 1 PM – 4 PM.

Wind: Sustained winds will be from the SW on Tuesday, shifting more southerly by 4 PM. Winds across all stations will be around 10 – 15 kts. Towards 5 PM, winds will increase slightly at 11/12 and the Boarding Station at 15 – 20 kts. A few gusts of 18-23 knots will be possible at the boarding station.

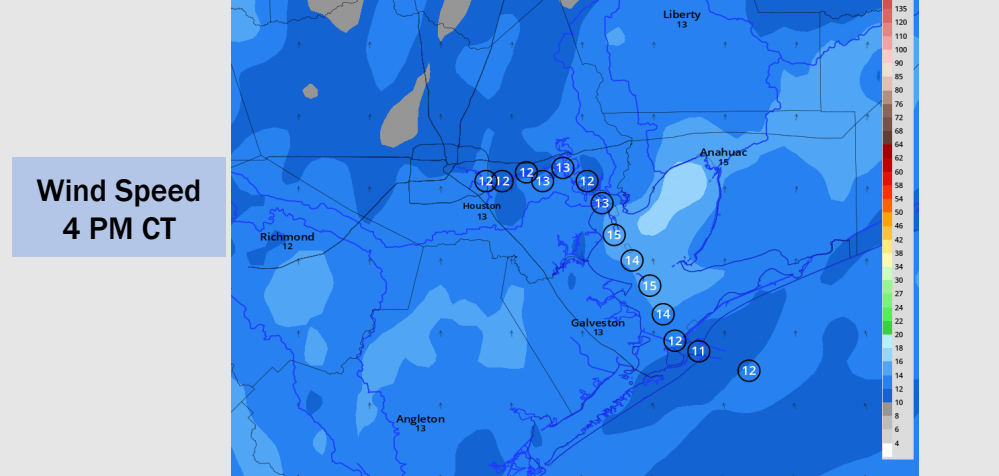
Temps: High temperatures will be in the low 80s F north of Morgan’s Point and in the mid to upper 70s F south of Morgan’s Point. Temps towards 11/12 and the Boarding Station will be in the mid to upper 60s F.

Visibility: Sea Fog threat is looking likely for Tuesday, especially during the early AM hours where it could be particularly dense. More on the slides above.

Precip Forecast: 11 AM CT

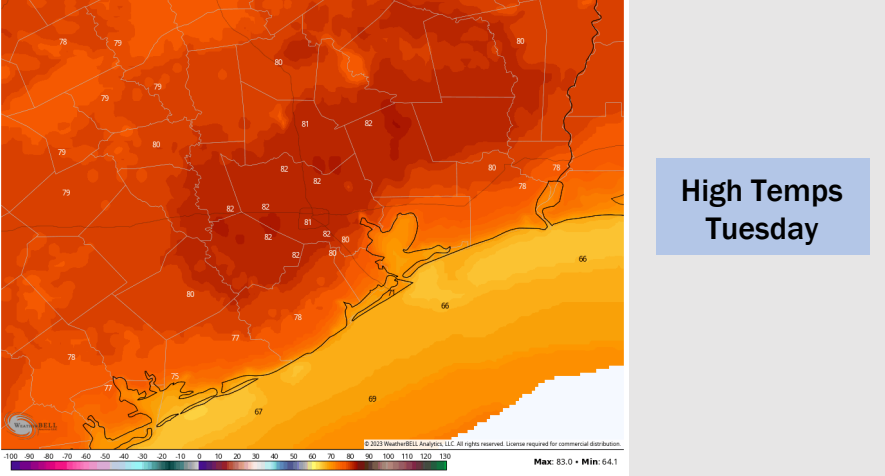


HRRR | 10-meter Wind Speed [mph] & Direction FORECAST + (43) HOURS --- VALID: 08:00 PM [EST] Tue FEB 21, 2023



Wind Speed
4 PM CT

NDFD 2.5 km Init 10z 19 Feb 2023 • Daily Max. 2m Temperature (°F) Valid: Tue 21 Feb 2023

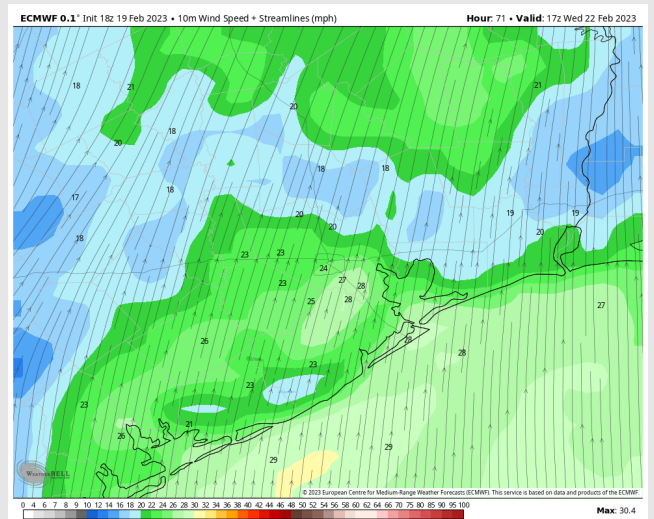
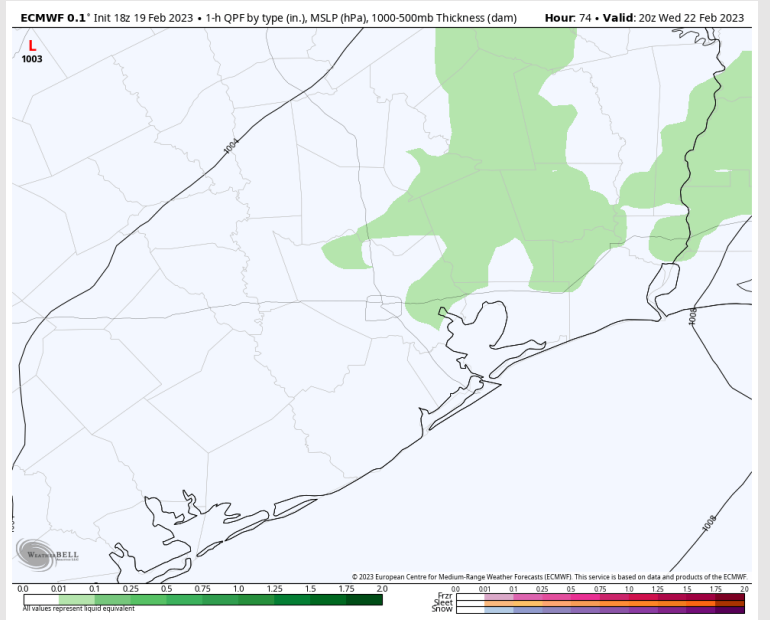


High Temps
Tuesday

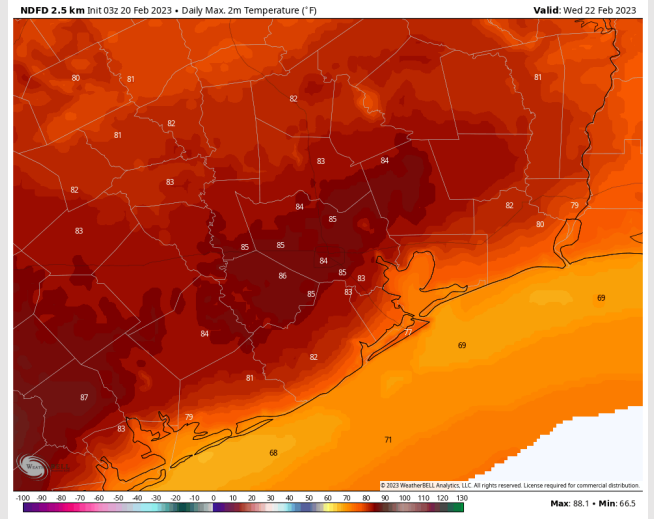
Forecast Discussion

- Precip:** Anticipating dry conditions Wednesday with 20% chance of passing showers between 12 – 5 PM.
- Wind:** Sustained southerly winds throughout the day Wednesday. Winds north of Morgan’s Point will be at 10 – 14 kts and winds south of Morgan’s Point will be at 14-19 kts until 9 AM. After 9 AM, winds at all stations will increase to 20 – 25 kts until 3 PM. Winds will gradually decrease to 10 – 16 kts for all stations and stay that way into the overnight.
- Temps:** High temperatures Wednesday will be in the mid to low 80s north of Morgan’s Point and in the upper 70s F south of Morgan’s Point.
- Visibility:** Not anticipating sea fog threat due to strong winds. Will need to monitor.

Precip Forecast: 2 PM CT

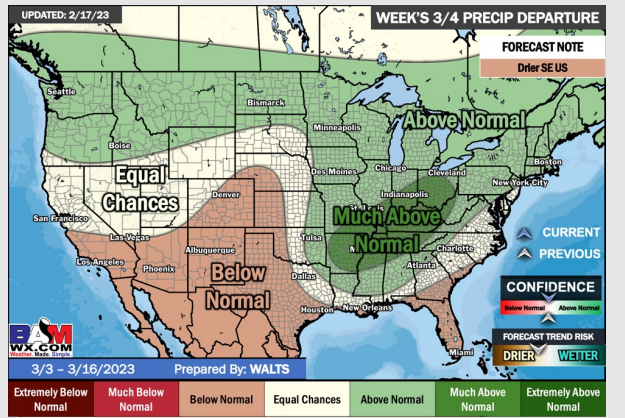
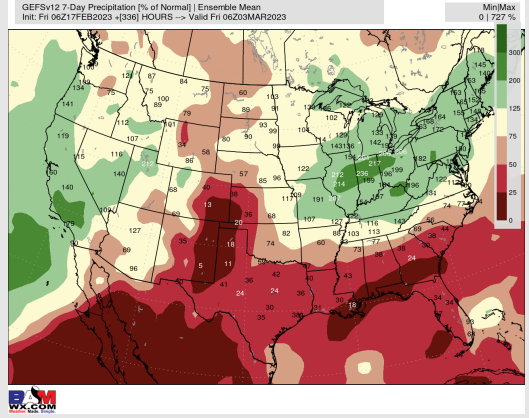
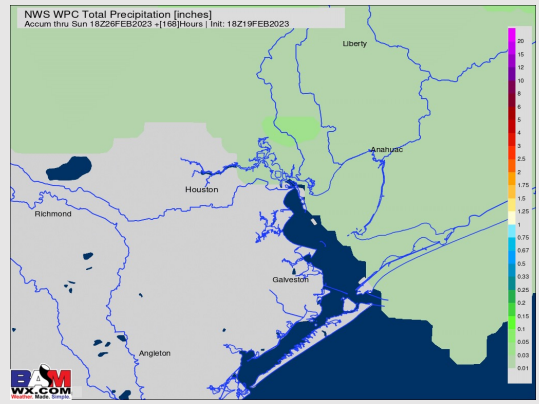
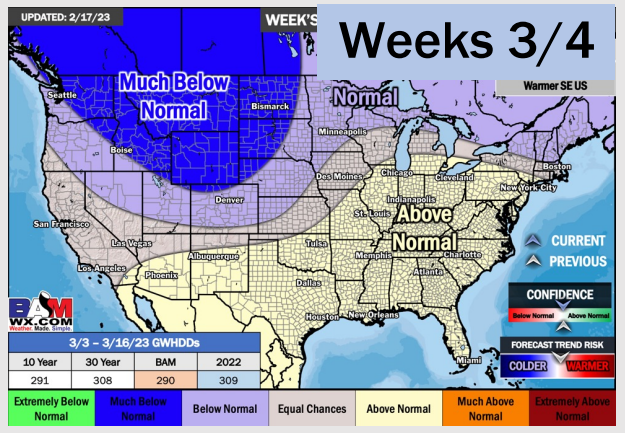
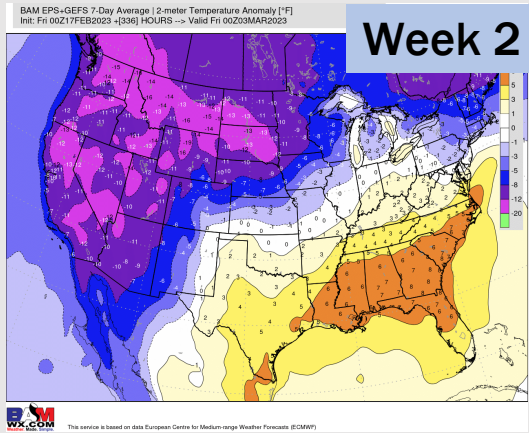
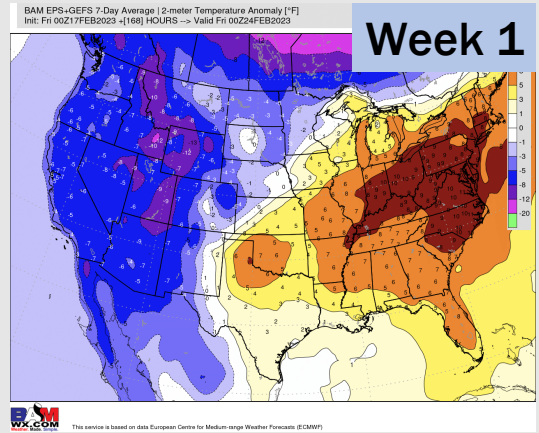


Wind Speed
6 PM CT



High Temps
Wednesday

Houston Pilots: 2/20/23



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