

Houston Pilots Forecast Package



Updated: 12:40 PM CT

Wednesday, February 8, 2023

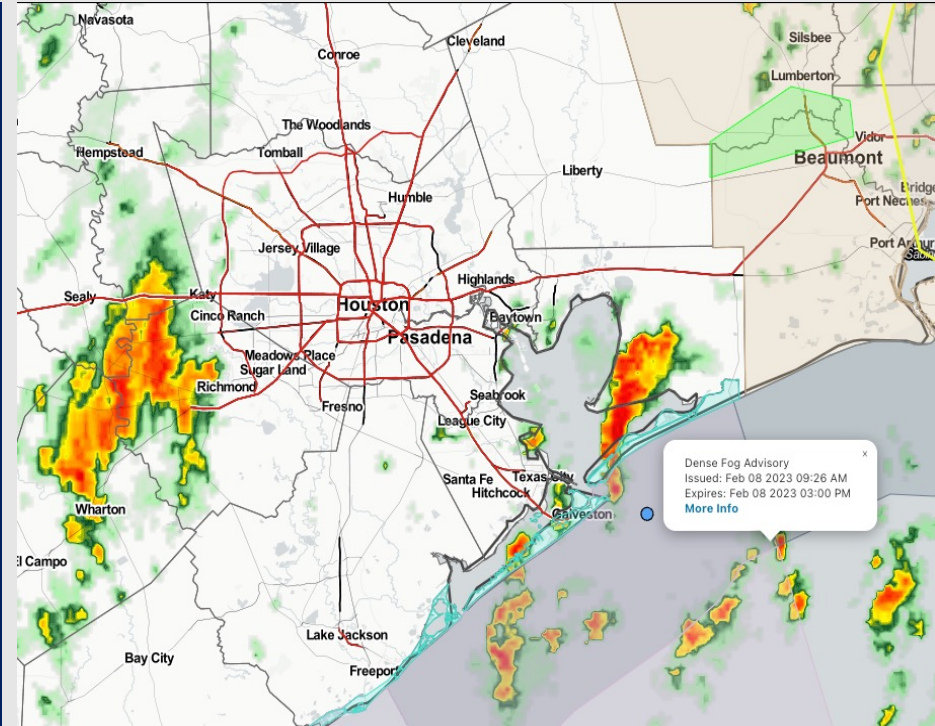
Forecaster: Will Danby

Weather Headlines

➤ Check the visibility slides below for thoughts on fog activity over the next few hours. Favoring fog to clear up after the frontal passage today around 6 PM. A fog free stretch will be likely over the next few days with the next potential fog risk coming back as early as Sunday PM.

➤ A few strong storms will be possible during the early afternoon hours with the main risks of gusty winds. Check the Wednesday slide for more details.

➤ Elevated winds will be at play this afternoon and Friday with sustained winds in the 10 – 15 -kt range and persistent wind gust threats at 20 – 30 kts. Thursday will hold near calm winds before another front passes late THU/ early FRI.



Radar/NWS Alerts: 12:36 PM CT

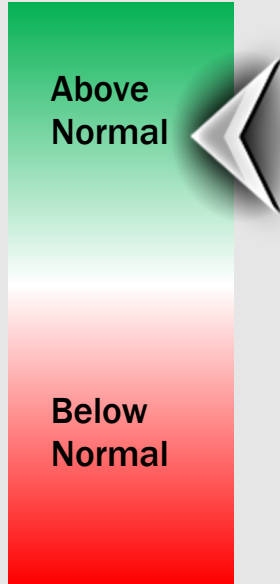
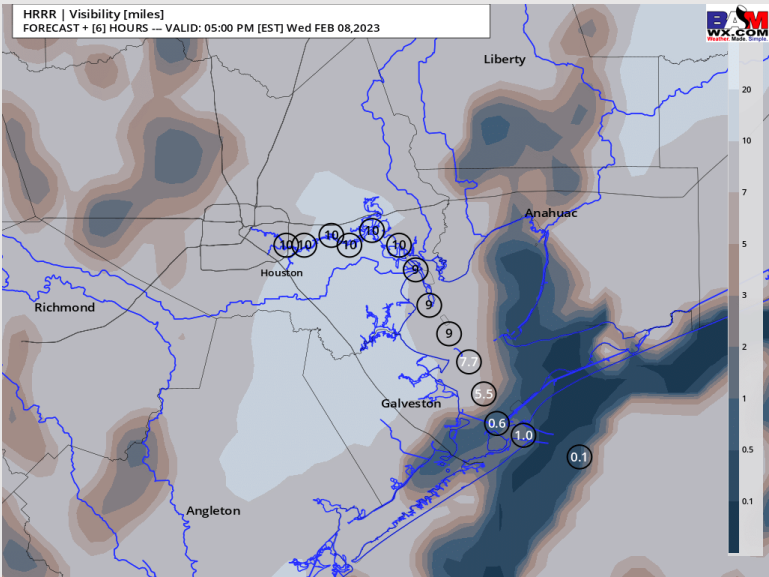


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



CURRENT VISIBILITY 4 PM CT WED VISIBILITY Confidence



| TIMEFRAME DISCUSSED | THREAT |
|---------------------|--------|
| Current – 6 PM WED | Medium |

- Visibilities in the 2 – 4-mile range will be likely until 4 PM across the Boarding Station and 11/12.
- Stations South of Morgan’s point will have the highest risk of seeing visibilities in the 3 – 5-mile range leading up to 4 PM as well. A few pockets of dense fog (<2 miles) will be possible in pockets over the next few hours. The greater chances to see this will be towards 51/52 and stations south.
- Fog will look to clear the region between 5 – 6 PM as the anticipated cold front will rapidly wipe out lingering fog.

Houston Pilots Extended Range Visibility Report



Saturday 2/11/23

Northwesterly winds will continue for Saturday, shifting from the north towards the late PM hours.



Sunday 2/12/23

Southeasterly winds in the 10-15kt range will be possible. As such, sea fog cannot be ruled out towards the late evening hours Sunday.



Monday 2/13/23

Winds look to be from the SE on Monday out ahead of another cold front. Plentiful low-level moisture ahead of the front will be possible, making sea fog a risk Monday.



Chance for Reduced Visibility

| | |
|-------------|----------|
| Saturday AM | Unlikely |
| Saturday PM | Unlikely |
| Sunday AM | Unlikely |
| Sunday PM | Possible |
| Monday AM | Possible |
| Monday PM | Possible |

Houston Pilots Visibility Report



| Time | Wed 12pm | Wed 1pm | Wed 2pm | Wed 3pm | Wed 4pm | Wed 5pm | Wed 6pm | Wed 7pm | Wed 8pm | Wed 9pm | Wed 10pm | Wed 11pm | Thu 12am | Thu 1am | Thu 2am | Thu 3am | Thu 4am | Thu 5am | Thu 6am | Thu 7am | Thu 8am | Thu 9am | Thu 10am | Thu 11am | Thu 12pm | Thu 1pm | Thu 2pm | Thu 3pm | Thu 4pm | Thu 5pm | Thu 6pm | Thu 7pm | Thu 8pm | Thu 9pm | Thu 10pm | Thu 11pm |
|--------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| 610 Bridge | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 6 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Kinder 1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 6 | 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Greens Bayou | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 7 | 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Shell Crude | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Lynchburg Ferries | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Exxon 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Morgans Point | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 75/76 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 63/64 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 9 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 51/52 | 10 | 10 | 10 | 8 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 37/38 | 10 | 10 | 9 | 6 | 7 | 10 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 25/26 | 10 | 10 | 8 | 6 | 6 | 10 | 7 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 11/12 | 10 | 9 | 7 | 5 | 4 | 10 | 7 | 8 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1 & 2 Bravo | 6 | 5 | 5 | 0.88 | 4 | 10 | 7 | 7 | 8 | 10 | 9 | 10 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |

Refer to the slides above for the official BAM forecast. The chart is likely not 100% accurate with fog.

Houston Pilots Wind Report



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13

G:18

N

| Time Knots | Wed 12pm | Wed 1pm | Wed 2pm | Wed 3pm | Wed 4pm | Wed 5pm | Wed 6pm | Wed 7pm | Wed 8pm | Wed 9pm | Wed 10pm | Wed 11pm | Thu 12am | Thu 1am | Thu 2am | Thu 3am | Thu 4am | Thu 5am | Thu 6am | Thu 7am | Thu 8am | Thu 9am | Thu 10am | Thu 11am | Thu 12pm | Thu 1pm | Thu 2pm | Thu 3pm | Thu 4pm | Thu 5pm | Thu 6pm | Thu 7pm | Thu 8pm | Thu 9pm | Thu 10pm | Thu 11pm | | | |
|--------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|---|---|---|
| 610 Bridge | 13 | 13 | 13 | 13 | 12 | 11 | 9 | 8 | 9 | 10 | 4 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | | |
| | 22 | 24 | 24 | 20 | 23 | 19 | 19 | 19 | 22 | 24 | 16 | 10 | 6 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 5 | 4 | 5 | 5 | 5 | 7 | 6 | 6 | 6 | 7 | 6 | 6 | 4 | 6 | 6 | | |
| Kinder 1 | 12 | 13 | 13 | 13 | 12 | 11 | 9 | 9 | 10 | 10 | 4 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | | | |
| | 22 | 24 | 23 | 20 | 22 | 20 | 20 | 19 | 22 | 24 | 16 | 11 | 6 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 5 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 4 | 5 | 5 | | |
| Greens Bayou | 12 | 13 | 12 | 13 | 12 | 11 | 10 | 9 | 10 | 10 | 5 | 3 | 1 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | | |
| | 22 | 23 | 23 | 20 | 21 | 20 | 20 | 19 | 22 | 24 | 17 | 11 | 6 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 5 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 6 | 6 | 4 | 5 | 6 | |
| Shell Crude | 12 | 13 | 12 | 13 | 12 | 11 | 11 | 9 | 10 | 10 | 6 | 3 | 1 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | | |
| | 21 | 22 | 23 | 20 | 21 | 21 | 21 | 19 | 22 | 23 | 19 | 12 | 6 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 7 | 8 | 6 | 4 | 5 | 6 | | |
| Lynchburg Ferries | 12 | 12 | 11 | 13 | 12 | 11 | 11 | 9 | 10 | 10 | 7 | 4 | 1 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 5 | 4 | 4 | 3 | 4 | 4 | | |
| | 20 | 21 | 21 | 21 | 21 | 20 | 21 | 19 | 22 | 23 | 19 | 12 | 6 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 7 | 7 | 7 | 8 | 6 | 6 | 5 | 5 | 6 | 6 | | |
| Exxon 3 | 12 | 12 | 11 | 12 | 12 | 12 | 9 | 11 | 10 | 10 | 7 | 5 | 1 | 2 | 3 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 5 | 4 | 3 | 4 | 4 | 4 | | |
| | 21 | 21 | 22 | 19 | 21 | 22 | 22 | 19 | 22 | 22 | 22 | 14 | 7 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 7 | 7 | 8 | 8 | 7 | 6 | 5 | 6 | 6 | 6 | | |
| Morgans Point | 11 | 12 | 14 | 11 | 13 | 13 | 11 | 9 | 11 | 10 | 10 | 7 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 7 | 7 | 6 | 5 | 4 | 4 | 4 | | |
| | 22 | 21 | 24 | 19 | 22 | 23 | 22 | 19 | 22 | 22 | 23 | 17 | 9 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 7 | 8 | 8 | 8 | 8 | 7 | 6 | 5 | 6 | 6 | | |
| 75/76 | 11 | 12 | 15 | 12 | 14 | 15 | 11 | 9 | 11 | 13 | 14 | 11 | 7 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 6 | 7 | 7 | 8 | 7 | 6 | 5 | 4 | 4 | 5 | | |
| | 21 | 21 | 25 | 19 | 23 | 24 | 22 | 19 | 21 | 22 | 25 | 20 | 12 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 6 | 6 | 7 | 8 | 9 | 9 | 9 | 9 | 8 | 7 | 6 | 5 | 6 | 6 | | |
| 63/64 | 10 | 12 | 13 | 12 | 13 | 15 | 10 | 11 | 12 | 15 | 16 | 13 | 9 | 5 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 8 | 7 | 5 | 4 | 4 | 4 | 4 | | |
| | 20 | 21 | 21 | 18 | 22 | 25 | 22 | 20 | 21 | 23 | 25 | 20 | 13 | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 8 | 8 | 9 | 9 | 9 | 9 | 8 | 6 | 5 | 6 | 5 | 5 | | |
| 51/52 | 9 | 12 | 11 | 12 | 15 | 13 | 10 | 12 | 14 | 14 | 17 | 13 | 11 | 6 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 7 | 6 | 5 | 4 | 4 | 4 | 4 | | |
| | 18 | 18 | 17 | 18 | 23 | 24 | 21 | 21 | 22 | 22 | 25 | 19 | 15 | 9 | 5 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 7 | 8 | 9 | 8 | 8 | 8 | 7 | 6 | 5 | 5 | 5 | | |
| 37/38 | 9 | 10 | 10 | 11 | 17 | 13 | 10 | 13 | 14 | 14 | 17 | 13 | 11 | 7 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 7 | 7 | 8 | 7 | 6 | 5 | 4 | 3 | 3 |
| | 17 | 16 | 15 | 18 | 25 | 23 | 21 | 22 | 23 | 22 | 23 | 20 | 18 | 10 | 6 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 7 | 6 | 5 | 4 | 5 | 5 | | |
| 25/26 | 9 | 9 | 9 | 9 | 16 | 12 | 10 | 13 | 14 | 14 | 15 | 13 | 11 | 7 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 5 | 5 | 4 | 3 | 3 | 3 | 3 | |
| | 15 | 14 | 13 | 14 | 25 | 23 | 21 | 22 | 23 | 22 | 23 | 22 | 18 | 11 | 7 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 6 | 6 | 5 | 5 | 4 | 5 | 5 | | |
| 11/12 | 7 | 8 | 7 | 8 | 10 | 14 | 12 | 13 | 14 | 14 | 15 | 12 | 11 | 8 | 6 | 5 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | 13 | 13 | 12 | 14 | 19 | 24 | 22 | 23 | 23 | 23 | 22 | 23 | 18 | 12 | 9 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 7 | 6 | 5 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 1 & 2 Bravo | 6 | 8 | 7 | 8 | 10 | 18 | 14 | 15 | 15 | 17 | 19 | 16 | 13 | 10 | 9 | 6 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 5 | 5 | 4 | 4 | 4 | 4 | |
| | 12 | 14 | 14 | 14 | 16 | 28 | 24 | 23 | 22 | 22 | 24 | 24 | 20 | 17 | 12 | 7 | 6 | 5 | 5 | 5 | 5 | 4 | 5 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 5 | 6 | 6 | 5 | 6 | 5 | 6 | 5 | |

Houston Pilots: Wed. 2/8/2023



Forecast Discussion

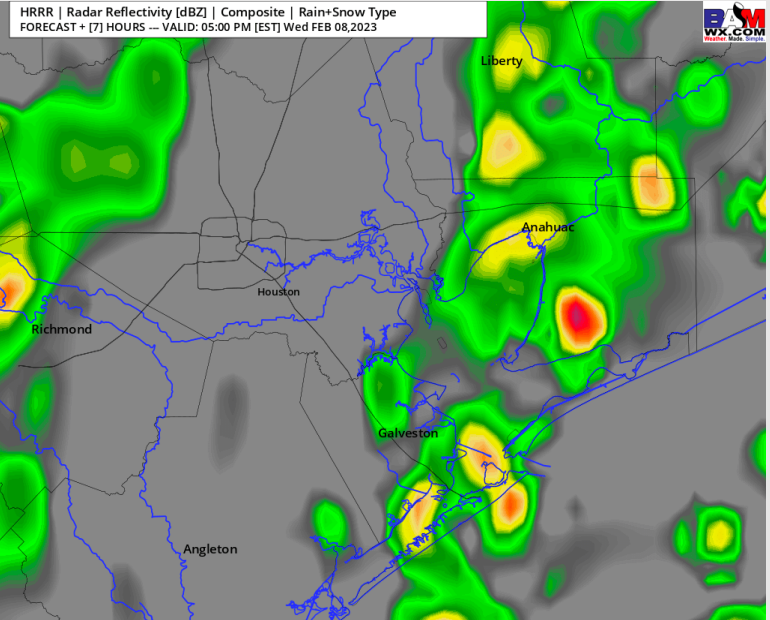
Precip: The best chances for quick heavy precipitation will occur from 3 – 5 PM. In this period, a few strong to severe storms cannot be taken off the table. This does not look to be a widespread threat, but something that certainly needs watched for gust potential of 30+ knots under the heaviest of cells. After 6 PM favoring dry conditions for the rest of the evening.

Wind: Southerly winds will continue leading up to ~5PM where winds will flip from the NW. Winds across all stations will be around 10 – 16 kts. After the front pushes through, winds will begin to slowly calm from 6 PM to 12 AM to 3 – 7 kts north of Morgan’s Point and 8 – 13 kts south of Morgan’s point by 10 PM. **Wind gusts of 20-30 kts ahead of the front at 1 PM – 4 PM possible for all stations. These gusts would be found inside any stronger cells.**

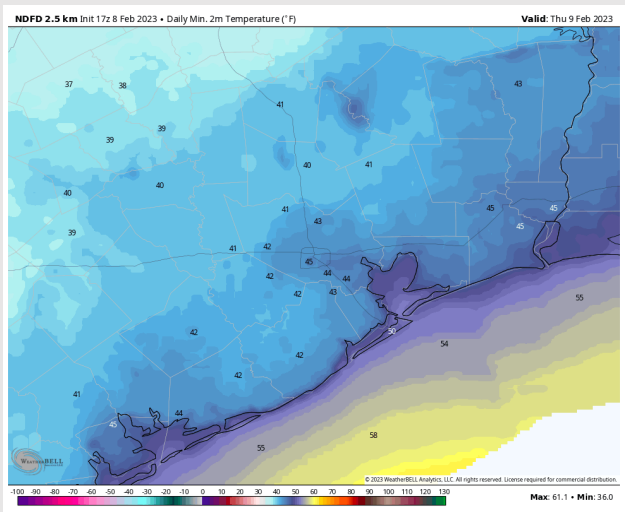
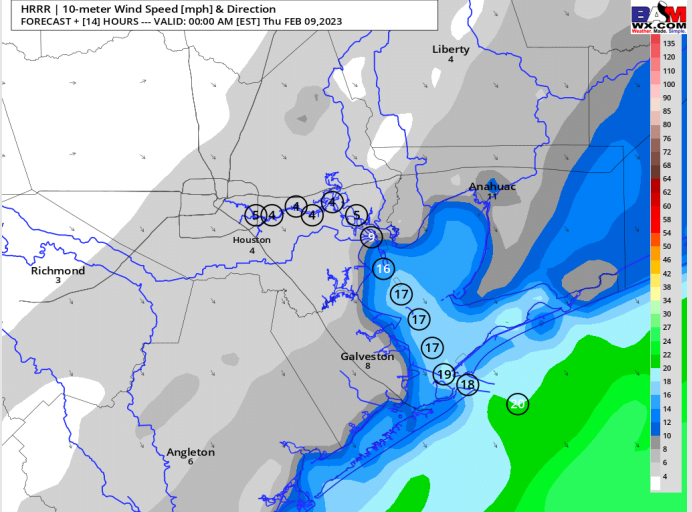
Temps: Low temperatures Thursday morning will be in the mid 40s F north of Morgan’s Point and in the low to mid 50s F south of Morgan’s Point.

Visibility: Patchy dense fog will be possible leading up until 5 PM. After 6 PM the frontal passage should wipe out any lingering fog.

Precip Forecast: 4 PM CT



Wind Speed 11 PM CT



Low Temps Thursday AM

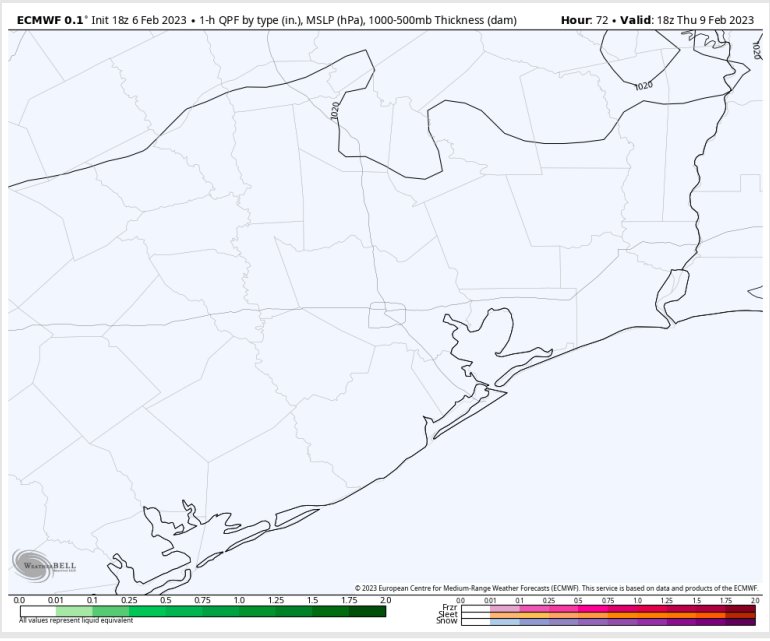
Houston Pilots: Thur. 2/9/2023



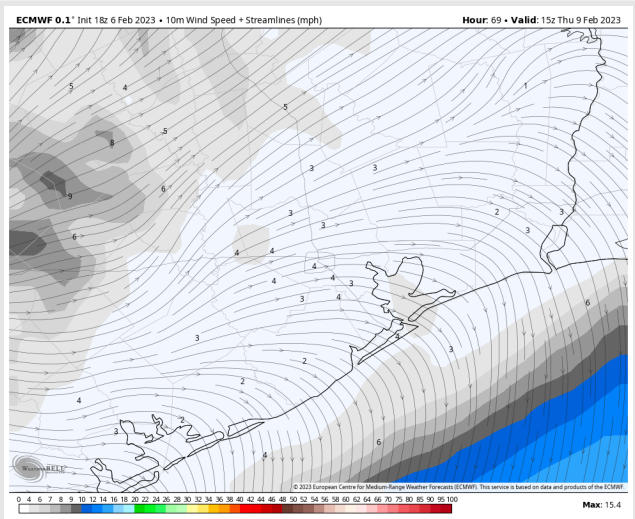
Forecast Discussion

- Precip:** Anticipating dry conditions for Thursday
- Wind:** Winds will be subsiding during the early AM hours behind the exiting cold front to 2– 7 kts across all stations by 6 AM. Winds will then remain at such values for the entire day. Winds will be variable in direction, with the main directions being out of the W / SW.
- Temps:** High temperatures will be in the upper 60s F north of Morgan’s Point and in the mid 60s south of Morgan’s Point. Temps near the Boarding Station will be near 60.
- Visibility:** Not anticipating any visibility concerns at this time.

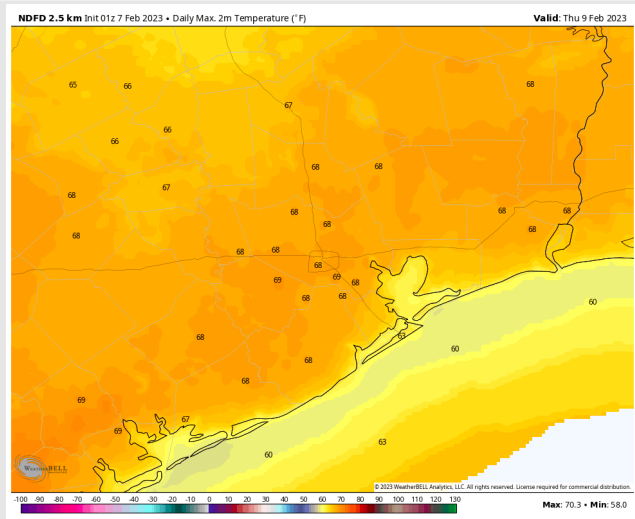
Precip Forecast: 12 PM CT



Wind Speed
10 AM CT



High Temps
Thursday



Houston Pilots: Fri. 2/10/2023



Forecast Discussion

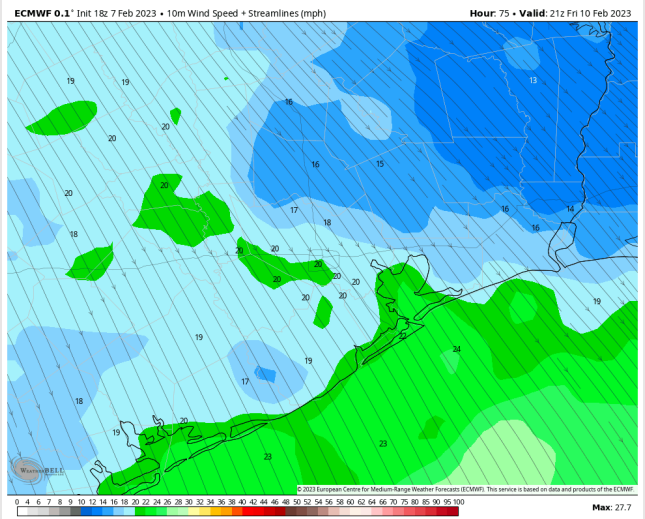
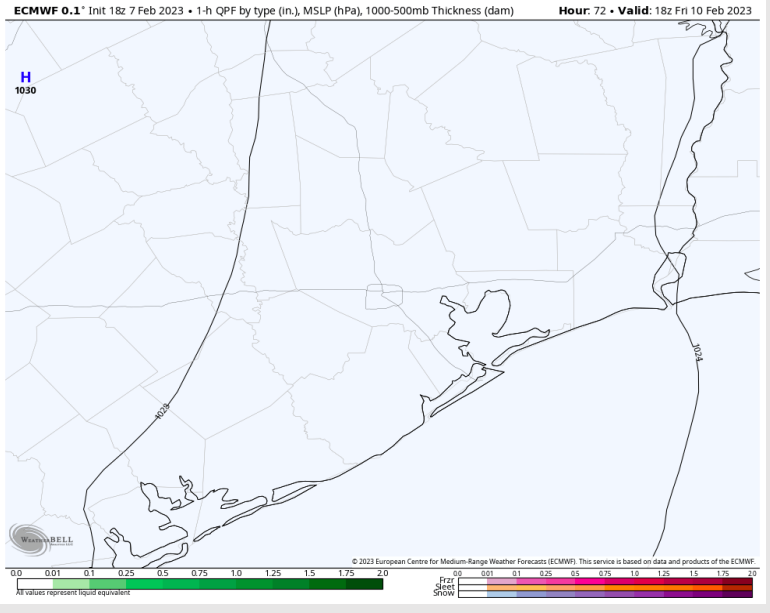
Precip: Anticipating a dry day for Friday.

Wind: Sustained winds will be from the NW on Friday. Winds will start out at less than 6 kts across all stations until 4 AM, where winds will then pickup to 10 – 16 kts north of Morgan’s Point and 16 – 22 kts south of Morgan’s Point by 9 AM. By 2 PM winds will be 18 – 24 kts across all stations. From 7 – 12 PM winds will calm north of Morgan's point to 4 – 7 kts but remain elevated south of Morgan's point at 12 – 20 kts. **Wind gusts could be as high as 30 kts across all stations from 8 AM – 4 PM. After 4 PM, 30 kt gusts will be possible mainly at 11/12 and the Boarding Station.**

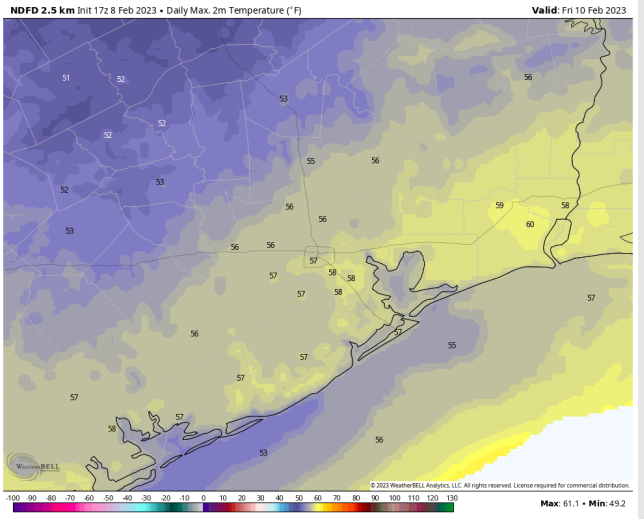
Temps: High temperatures Friday will be in the mid to upper 50s F across all stations.

Visibility: Not anticipating any visibility concerns at this time.

Precip Forecast: 12 PM CT

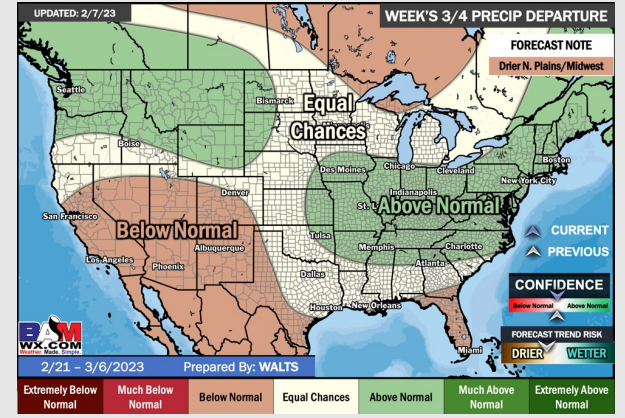
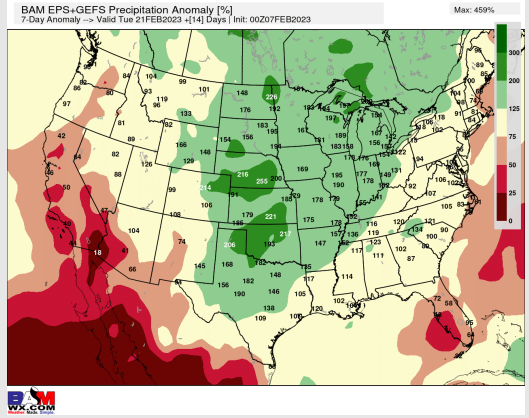
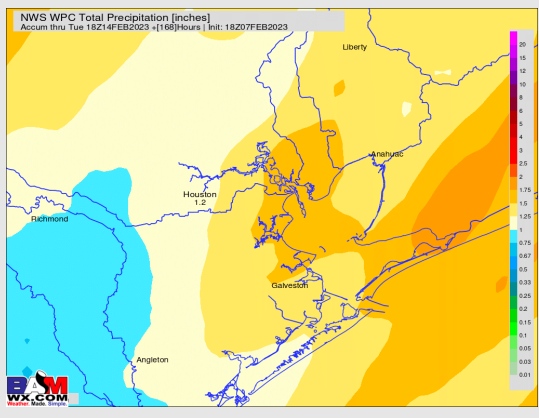
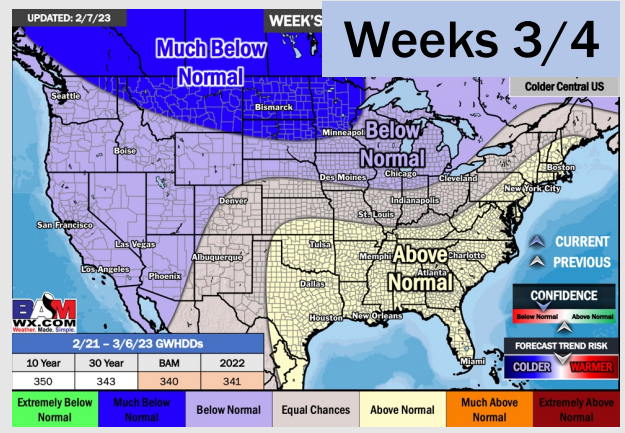
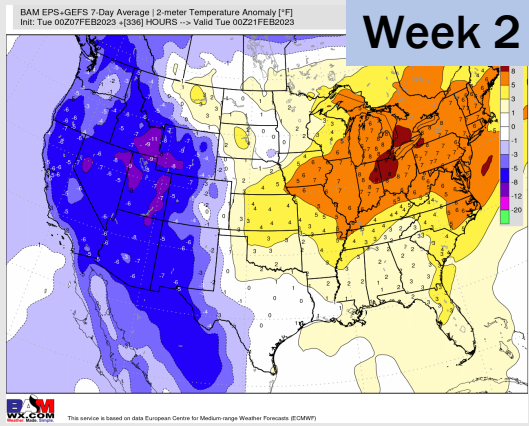
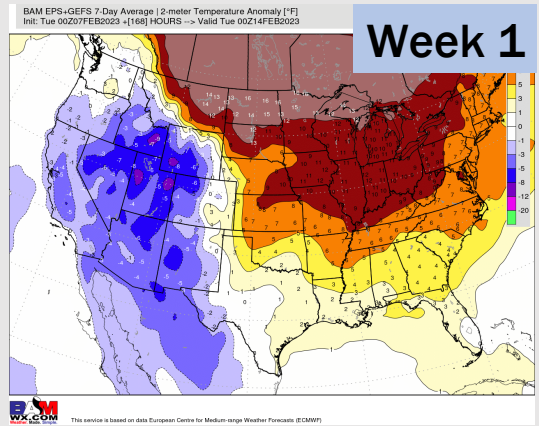


Wind Speed
3 PM CT



High Temps
Friday

Houston Pilots: 2/8/23



- Wednesday will be the best shots at precip over the next several days (next best chance coming early next week). Temps will stay slightly above average.
- Expecting near normal precipitation chances and normal temperatures for the week 2 timeframe.
- Equal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.