

Houston Pilots Forecast Package



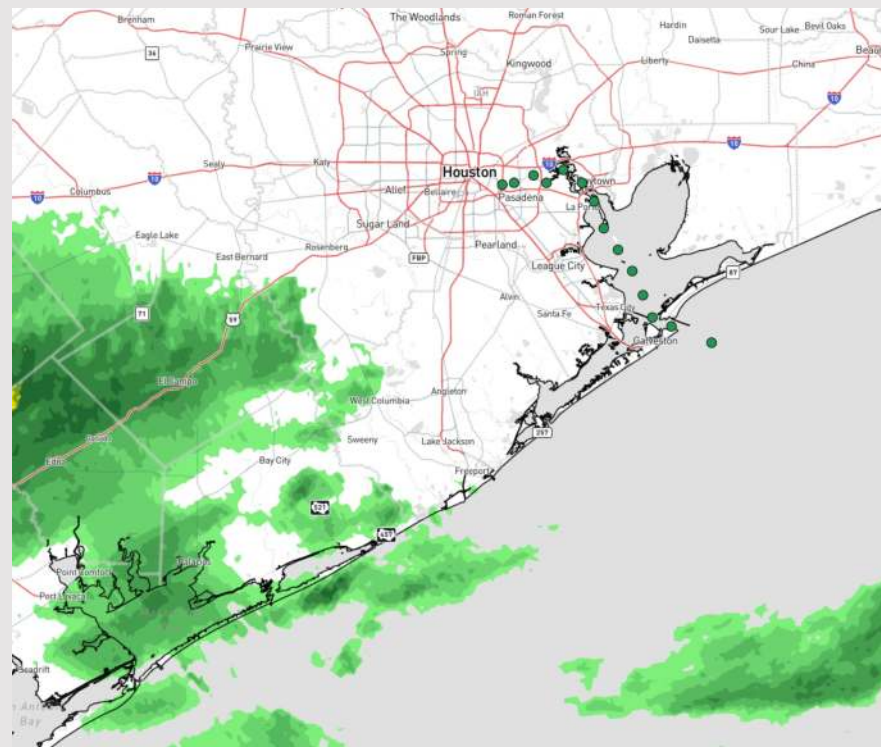
Updated: 1:50 AM CT

Friday, February 16, 2024

Forecaster: John Kemper

Weather Headlines

- Widespread rain showers will continue to increase in coverage through this AM.
- Winds will gradually increase as several fronts approach the area, **with peak gusts of up to 30kts for Saturday.**
- Patchy fog risks continue to remain lower confidence and localized through late morning. **See visibility slide for additional details.**



Radar/NWS Alerts: 1:35 AM CT

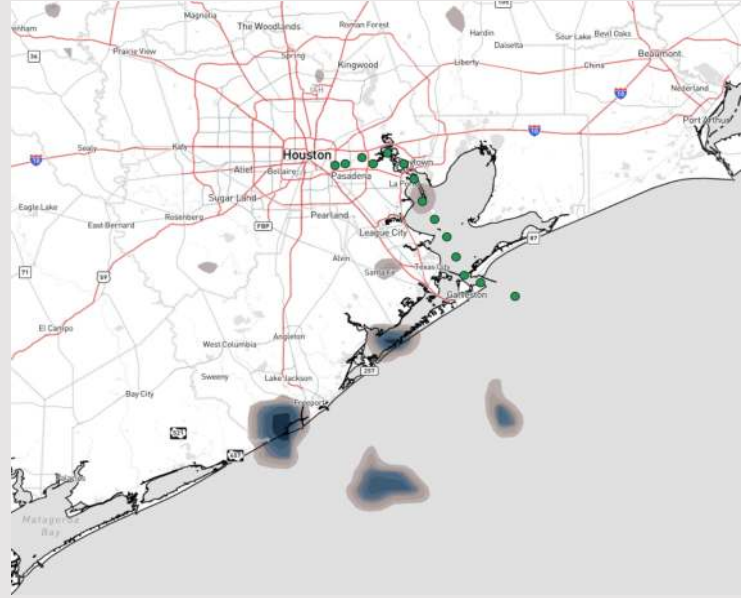


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

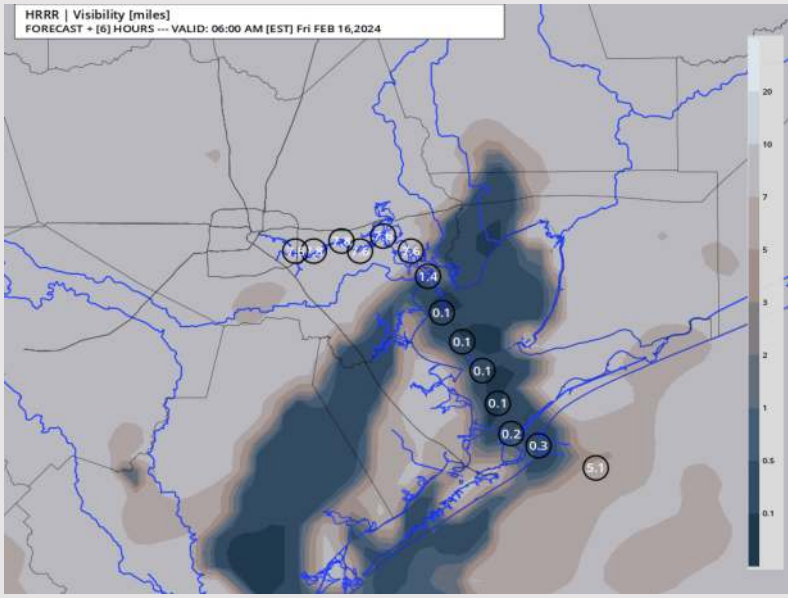
Houston Pilots Visibility Report



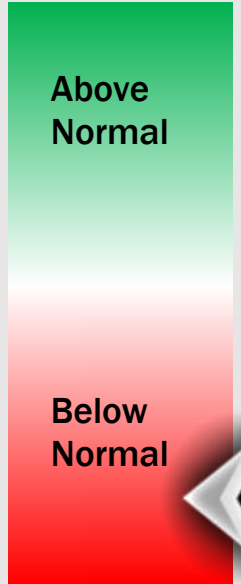
CURRENT VISIBILITY



5 AM CT FRI VISIBILITY



Confidence



| TIMEFRAME DISCUSSED | THREAT |
|---------------------|-----------|
| Now – 9 AM FRI | Low – Med |

- Low confidence exists in patchy sea fog development given the timing of drizzle / light rain moving in from the west and thick cloud cover.
- **North of Morgan's Point:** Fog risks favored to be very low, but can't rule out patchy reduced visibilities of 2 - 3 miles from 5AM – 8AM. More than likely, reduced visibilities will be attributed to drizzle vs fog.
- **South of Morgan's Point:** Due to consistent south / southeasterly winds and equal sea surface / air temperatures, sea fog risks can't be ruled out. 3AM – 9AM will be the greatest risk for patchy sea fog, with locally less than a mile visibility in play. Once again, as drizzle pushes in from the west, this will likely aid in keeping the fog risk localized and not dense (less than a mile). Nevertheless, can't be ruled out.
- Risk will be patchier than what simulated visibility graphic shows above.

Houston Pilots Extended Range Visibility Report



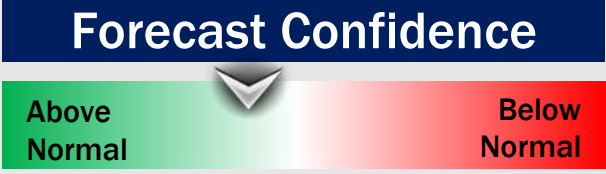
Monday 2/19/24

While winds will be out of the southeast, not favoring fog concerns at this time.



Tuesday 2/20/24

While winds will be out of the southeast, not favoring fog concerns at this time.



Wednesday 2/21/24

Not favoring visibility concerns at this time.



Chance for Fog

| | |
|--------------|----------|
| Monday AM | Unlikely |
| Monday PM | Unlikely |
| Tuesday AM | Unlikely |
| Tuesday PM | Unlikely |
| Wednesday AM | Unlikely |
| Wednesday PM | Unlikely |

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots Wind Chart



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

| Time Knots | Fri 2am | Fri 3am | Fri 4am | Fri 5am | Fri 6am | Fri 7am | Fri 8am | Fri 9am | Fri 10am | Fri 11am | Fri 12pm | Fri 1pm | Fri 2pm | Fri 3pm | Fri 4pm | Fri 5pm | Fri 6pm | Fri 7pm | Fri 8pm | Fri 9pm | Fri 10pm | Fri 11pm | Sat 12am | Sat 1am |
|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|---------|
| 610 Bridge | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 9 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 3 | 3 | 3 | 4 | 5 |
| | 8 | 8 | 8 | 8 | 10 | 10 | 12 | 12 | 13 | 14 | 16 | 17 | 18 | 16 | 13 | 12 | 10 | 7 | 6 | 5 | 5 | 5 | 8 | 11 |
| | SSE | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | W | W | NW |
| Kinder 1 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 6 | 7 | 8 | 8 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 3 | 3 | 3 | 4 | 5 |
| | 8 | 8 | 8 | 8 | 10 | 10 | 12 | 12 | 13 | 14 | 15 | 17 | 18 | 16 | 13 | 12 | 10 | 7 | 6 | 6 | 4 | 4 | 9 | 11 |
| | SSE | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | W | W | NW |
| Greens Bayou | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 8 | 9 | 8 | 7 | 5 | 5 | 4 | 3 | 3 | 2 | 2 | 4 | 5 |
| | 8 | 8 | 8 | 9 | 10 | 10 | 12 | 12 | 13 | 13 | 15 | 16 | 18 | 16 | 13 | 12 | 9 | 8 | 6 | 5 | 4 | 4 | 8 | 11 |
| | SSE | SSE | SSE | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | W | W | WNW |
| Shell Crude | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 8 | 9 | 8 | 7 | 5 | 5 | 4 | 3 | 3 | 2 | 2 | 3 | 5 |
| | 8 | 8 | 8 | 9 | 10 | 10 | 12 | 12 | 13 | 13 | 14 | 16 | 17 | 16 | 13 | 12 | 10 | 8 | 6 | 5 | 4 | 4 | 7 | 10 |
| | SSE | SSE | SSE | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | SSW | W | W | WNW |
| Lynchburg Ferries | 4 | 4 | 3 | 4 | 5 | 5 | 5 | 5 | 7 | 8 | 8 | 8 | 9 | 8 | 7 | 5 | 5 | 4 | 3 | 3 | 3 | 3 | 3 | 5 |
| | 8 | 8 | 7 | 9 | 10 | 9 | 11 | 12 | 13 | 13 | 14 | 16 | 17 | 16 | 13 | 12 | 10 | 8 | 5 | 5 | 4 | 5 | 6 | 10 |
| | SSE | SSE | SSE | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | WSW | W | WNW |
| Exxon 3 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 7 | 8 | 9 | 9 | 7 | 7 | 6 | 5 | 5 | 3 | 3 | 3 | 3 | 5 |
| | 10 | 9 | 9 | 9 | 10 | 10 | 12 | 12 | 13 | 13 | 13 | 15 | 18 | 18 | 14 | 13 | 11 | 8 | 7 | 5 | 5 | 5 | 5 | 10 |
| | SSE | SSE | SSE | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | SSW | SW | WNW |
| Morgans Point | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 5 | 6 | 7 | 7 | 8 | 8 | 9 | 7 | 6 | 5 | 5 | 4 | 3 | 3 | 2 | 3 | 5 |
| | 9 | 9 | 8 | 9 | 10 | 10 | 12 | 11 | 13 | 13 | 13 | 15 | 17 | 17 | 14 | 12 | 10 | 7 | 6 | 5 | 5 | 4 | 5 | 9 |
| | SSE | SSE | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | S | SSW | W | WNW |
| 75/76 | 9 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 10 | 9 | 9 | 9 | 9 | 9 | 7 | 6 | 5 | 5 | 4 | 3 | 5 |
| | 13 | 10 | 9 | 10 | 11 | 10 | 12 | 13 | 13 | 14 | 16 | 17 | 19 | 20 | 16 | 13 | 13 | 11 | 8 | 7 | 6 | 5 | 4 | 8 |
| | SSE | SSE | S | S | S | S | S | S | S | S | S | S | S | SSE | SSE | S | SSE | S | S | S | S | SW | W | NNW |
| 63/64 | 8 | 7 | 6 | 6 | 7 | 7 | 8 | 7 | 8 | 8 | 7 | 9 | 9 | 9 | 9 | 8 | 8 | 7 | 5 | 5 | 3 | 3 | 3 | 5 |
| | 12 | 10 | 9 | 9 | 10 | 10 | 12 | 12 | 13 | 13 | 14 | 16 | 18 | 19 | 16 | 13 | 12 | 11 | 8 | 6 | 6 | 4 | 4 | 7 |
| | SSE | SSE | S | S | S | S | S | S | S | S | S | S | S | SSE | SSE | S | SSE | S | S | SSE | S | SW | W | NW |
| 51/52 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 7 | 6 | 5 | 3 | 4 | 2 | 2 | 3 | 3 |
| | 10 | 10 | 9 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 14 | 15 | 16 | 17 | 16 | 13 | 11 | 9 | 7 | 5 | 6 | 4 | 4 | 6 |
| | SSE | SSE | S | S | S | S | S | S | S | S | S | S | SSE | SSE | S | S | SSE | SSE | SSE | S | SSW | NW | NW | NW |
| 37/38 | 7 | 6 | 5 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 8 | 8 | 7 | 5 | 5 | 3 | 3 | 2 | 2 | 3 | 3 |
| | 9 | 9 | 8 | 9 | 9 | 10 | 11 | 13 | 13 | 13 | 13 | 14 | 15 | 16 | 15 | 13 | 11 | 8 | 7 | 5 | 6 | 4 | 4 | 5 |
| | SSE | SSE | S | S | S | S | S | S | S | S | S | S | SSE | SSE | S | S | SSE | SSE | SSE | S | SSW | NW | NW | NNW |
| 25/26 | 6 | 6 | 5 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 8 | 8 | 7 | 5 | 4 | 3 | 3 | 2 | 3 | 3 |
| | 9 | 9 | 8 | 9 | 8 | 10 | 12 | 12 | 13 | 13 | 13 | 13 | 14 | 16 | 15 | 13 | 11 | 8 | 7 | 5 | 5 | 4 | 4 | 6 |
| | SSE | SSE | S | S | S | S | S | S | S | S | S | S | SSE | SSE | SSE | S | SSE | SSE | SE | SSE | S | NW | NW | NNW |
| 11/12 | 5 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 8 | 7 | 5 | 4 | 3 | 3 | 3 | 2 | 3 | 3 |
| | 9 | 8 | 8 | 8 | 8 | 10 | 11 | 11 | 12 | 13 | 13 | 13 | 14 | 13 | 12 | 9 | 8 | 7 | 5 | 5 | 4 | 4 | 5 | 6 |
| | SSE | SSE | SSE | S | S | S | S | S | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SE | SSE | SSE | NNW | NNW |
| 1 & 2 Bravo | 8 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 8 | 7 | 7 | 7 | 8 | 8 | 9 | 9 | 7 | 5 | 5 | 4 | 4 | 3 | 5 | 5 |
| | 12 | 11 | 11 | 11 | 11 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 10 | 9 | 7 | 8 | 6 | 6 | 7 |
| | SSE | SSE | SSE | SSE | SSE | SSE | S | S | S | S | SSE | SSE | SSE | SSE | SSE | SSE | SSE | SE | SSE | SE | ESE | SE | NNW | NNW |

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Houston Pilots: Fri. 2/16/2024



Forecast Discussion

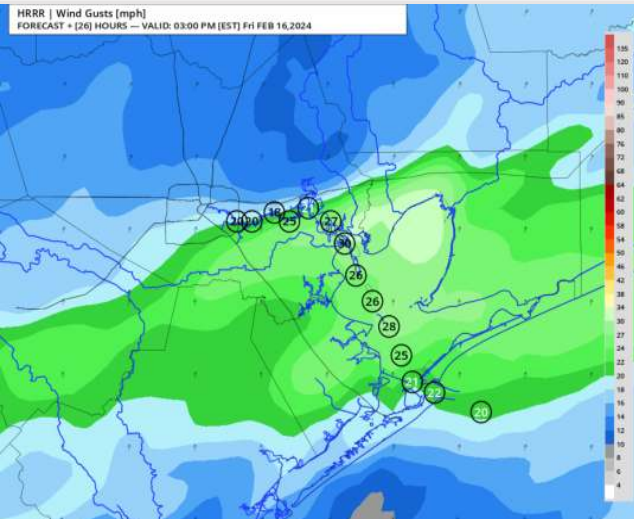
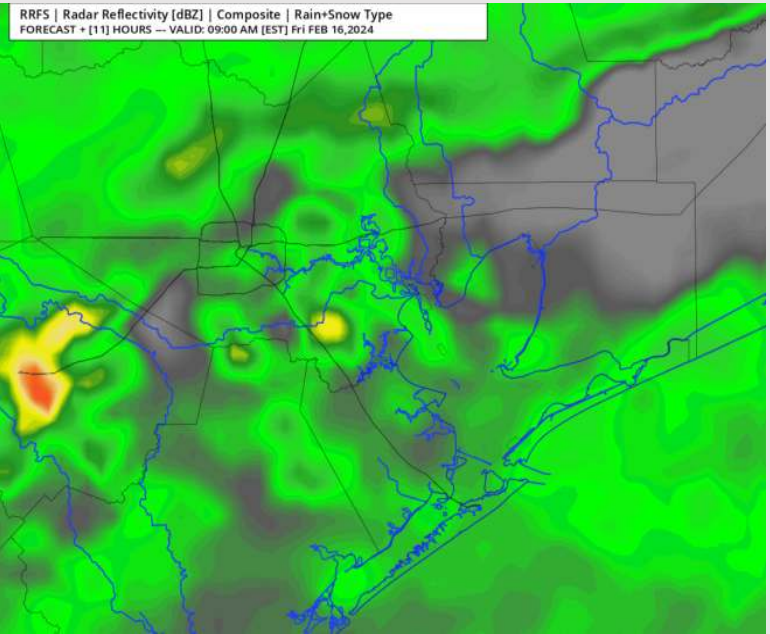
Precip: Favoring scattered to widespread light rain showers to increase in coverage after 5AM and continue through the late evening hours. A few moderate pulses can't be ruled out.

Wind: Winds will be variable throughout the day, starting out of the southeast and then veering counter-clockwise, becoming out of the northeast by late evening. **N of Morgan's Point:** Winds at 6 - 10 kts through 1PM before briefly becoming 10 -15kts through 5PM. Winds will then decrease back 7- 10 kts for the remainder of day. **S of Morgan's Point:** Winds will be at 8 - 12 kts throughout the day. **Gusts of 22 - 28 kts will be possible from 12PM - 6PM CT as first front passes through area.**

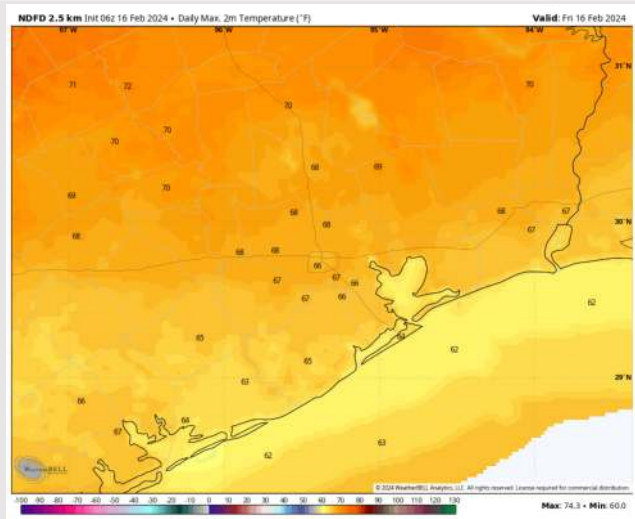
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Lower 60s F

Visibility: See Visibility Slide for Thoughts on AM Fog. Reduced visibilities will mainly be attributed to periods of persistent rainfall of 3 - 5 miles.

Precip Image: 8 AM CT



Wind Gusts:
2 PM CT



High Temps
Today

Houston Pilots: Sat. 2/17/2024



Forecast Discussion

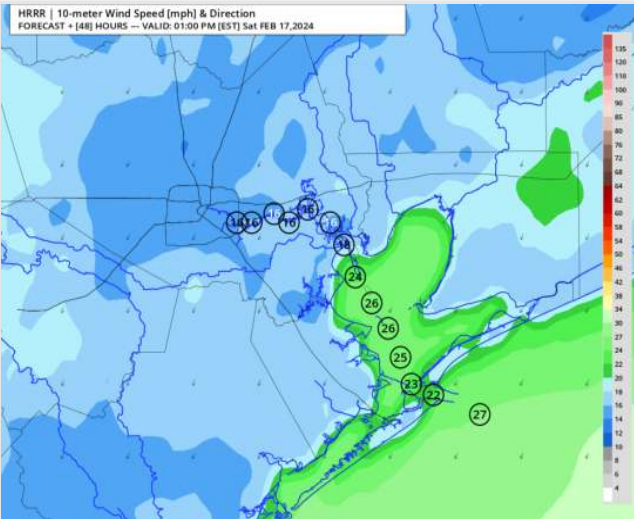
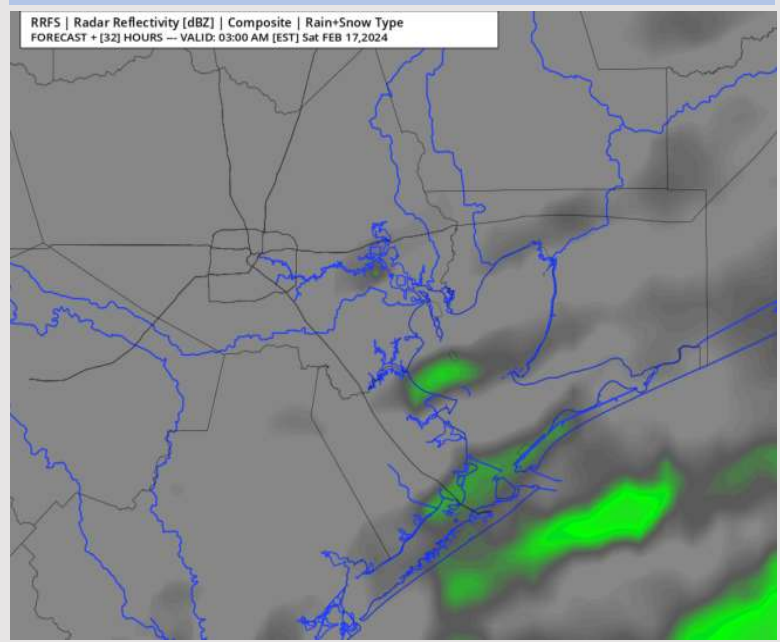
Precip: Light showers / drizzle will be exiting the area through 6AM-CT. Dry conditions favored for the remainder of the day.

Wind: Due to passage of front, winds will remain elevated and out of the N for all of Saturday. **N Morgan's Point:** Winds at 11 - 15 kts throughout the day. **S of Morgan's Point:** Winds at 18 - 23 kts throughout the day. Gusts of up to 30 kts can't be ruled from 8AM through 8PM.

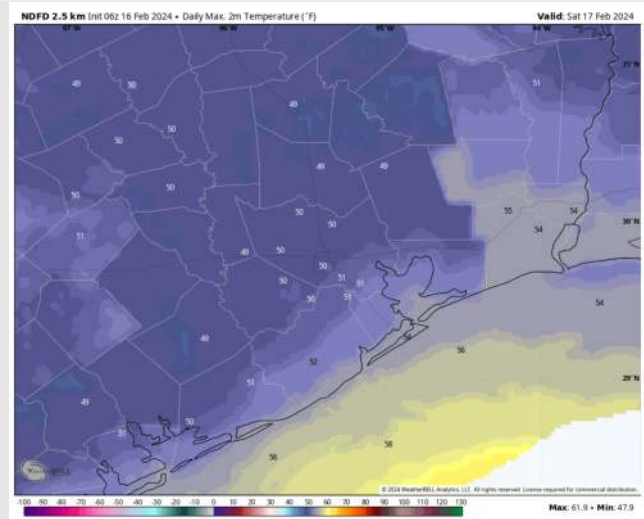
High Temps: Much Cooler **N of Morgan's Point:** Low to Mid 50s F. **S of Morgan's Point:** Mid to Upper 50s F.

Visibility: Not anticipating any fog risk.

Precip Image: 2 AM CT



Wind Speed:
12 PM CT



High Temps
Saturday

Houston Pilots: Sun. 2/18/2024



Forecast Discussion

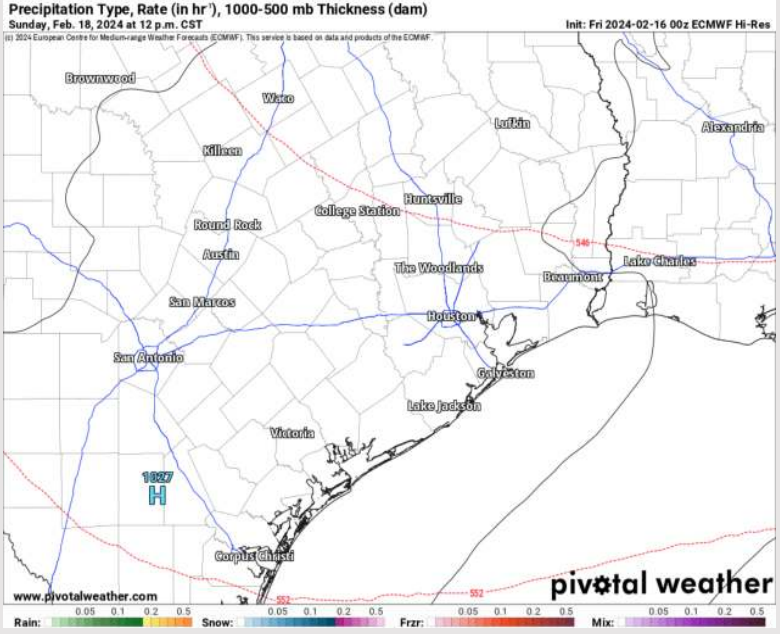
Precip: Favoring dry conditions for Sunday.

Wind: Winds to continue out of the N through 3PM before becoming variable for the remainder of the period. **N Morgan's Point:** 4 – 9 kts through 3PM before becoming 3 – 6 kts. **S of Morgan's Point:** Winds at 8 – 13 kts through 3PM before becoming 4 – 9 kts for the remainder of the day. Gusts of 15 – 20 kts will be possible through 10AM.

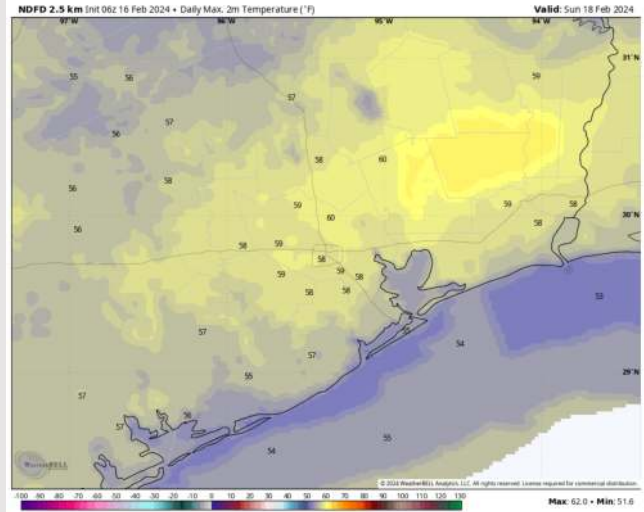
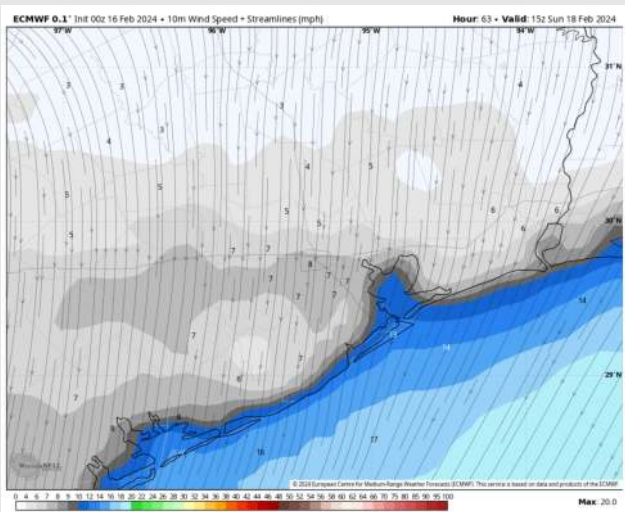
High Temps: **N of Morgan's Point:** Upper 60s F. **S of Morgan's Point:** Mid 50's.

Visibility: Not anticipating any fog concerns at this time.

Precip Image: 12 PM CT



Wind Speed:
9 AM CT

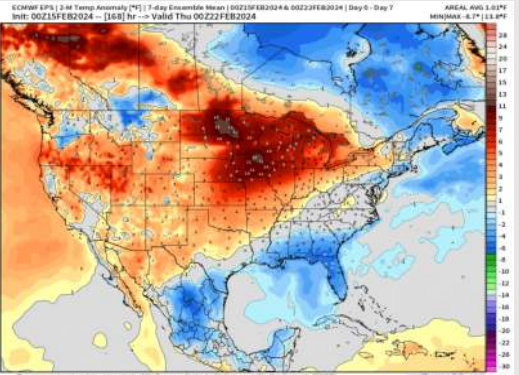


High Temps
Sunday

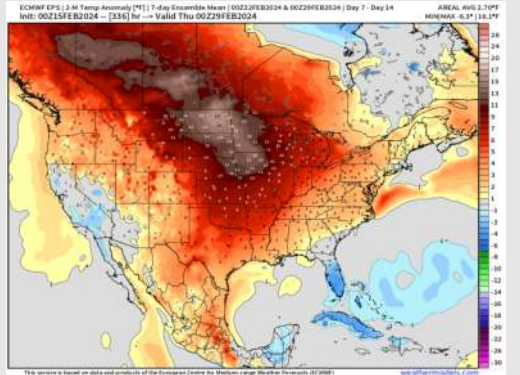
Houston Pilots: 2/16/24



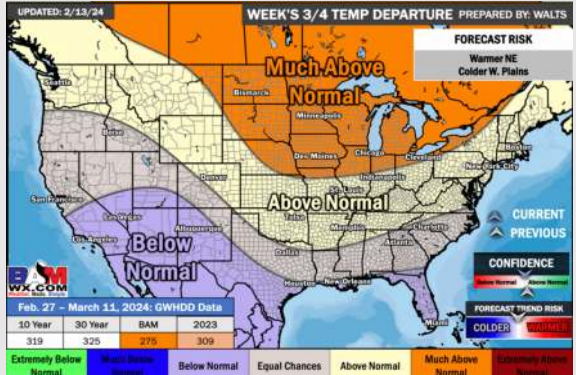
Next 7 Day Temperature Departure



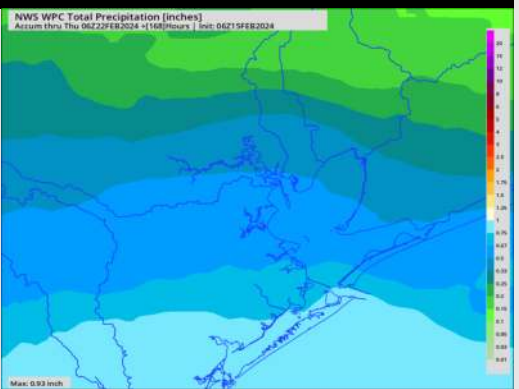
8-14 Day Temperature Departure



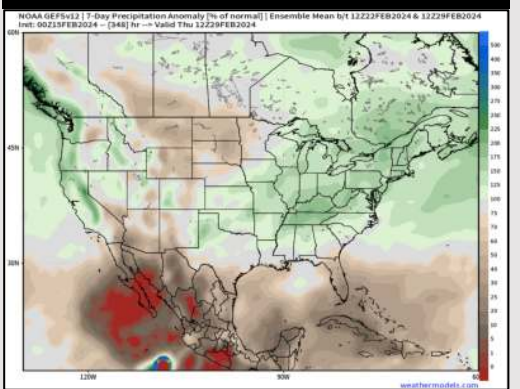
15-30 Day Temperature Departure



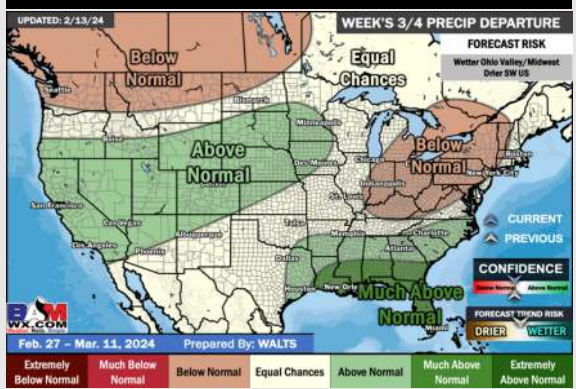
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Anticipating the best shot of rain to come tomorrow. Slightly below normal temperatures favored for the week ahead.
- Seasonable precipitation chances are at play during the week 2 timeframe. Temps expected to be above normal.
- Below normal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.