

Houston Pilots Forecast Package



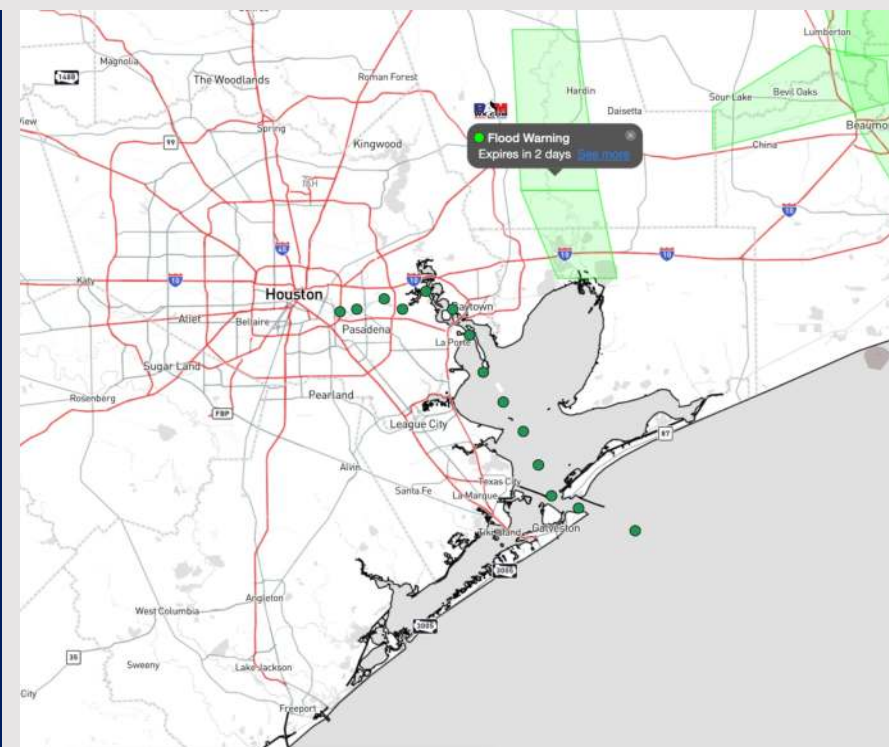
Updated: 1:00 AM CT

Thursday, February 1, 2024

Forecaster: John Kemper

Weather Headlines

- Winds to remain rather calm through Friday evening before a front approaches the area.
- Lower end, patchy fog risks in play over the next few days. **See Visibility Slides for Additional Information**
- Beyond Saturday Morning, less active period favored to continue.



Radar/NWS Alerts: 12:45 AM CT

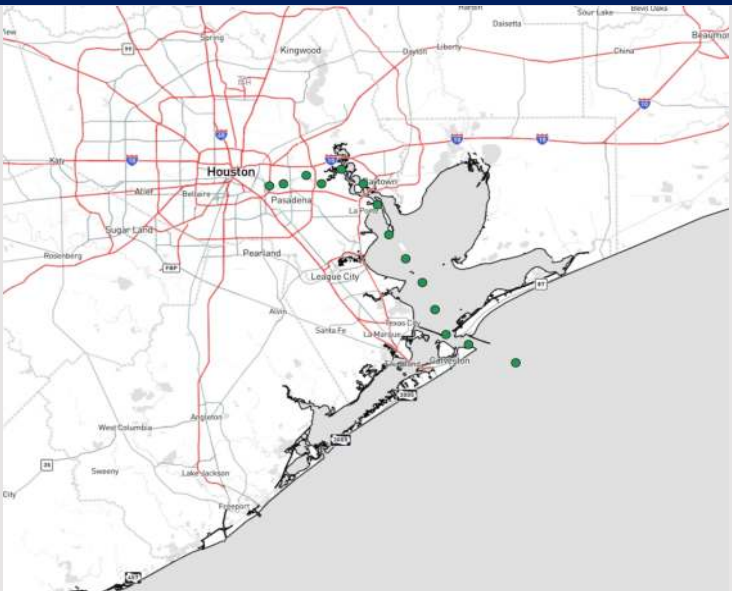


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

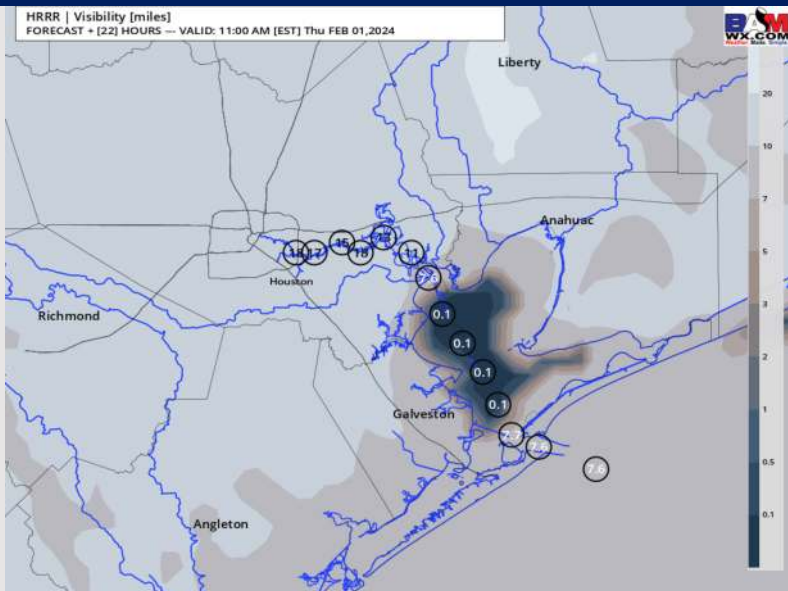
Houston Pilots Visibility Report



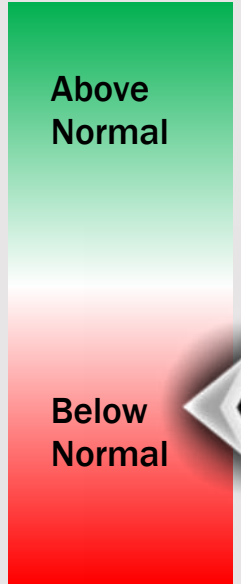
Current Visibility



10 AM CT THU Visibility



Confidence



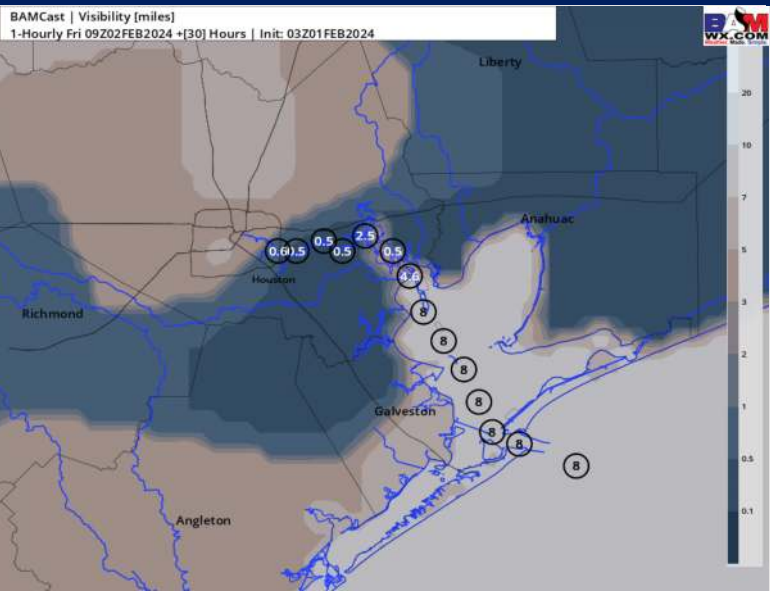
TIMEFRAME DISCUSSED	THREAT
5 AM - 12 PM THU	Low

- **N of Morgan's Point:** Anticipating a low cloud deck reducing visibility to 2 – 4 miles in a patchy fashion to be possible Thursday morning as winds will be very calm. This risk is favored to linger through 12 PM-CT.
- **S of Morgan's Point:** Watching for the risk of patchy / patchy dense fog for stations S. of Morgan's Point from 5 AM – 12 PM-CT Thursday. Winds will begin out of the SW Thursday morning, limiting fog development. After 7 AM-CT, winds over the Gulf will shift out of the SE, allowing for some patchy fog development within Galv. Bay reducing visibility to 1 – 3 miles. The greatest, most "widespread" risk occurring between 8 – 11 AM-CT with visibilities being reduced to 2 miles or less.
- Weak winds and high cloud cover will be the main limiting factor, and keep this risk limited during the AM hours.

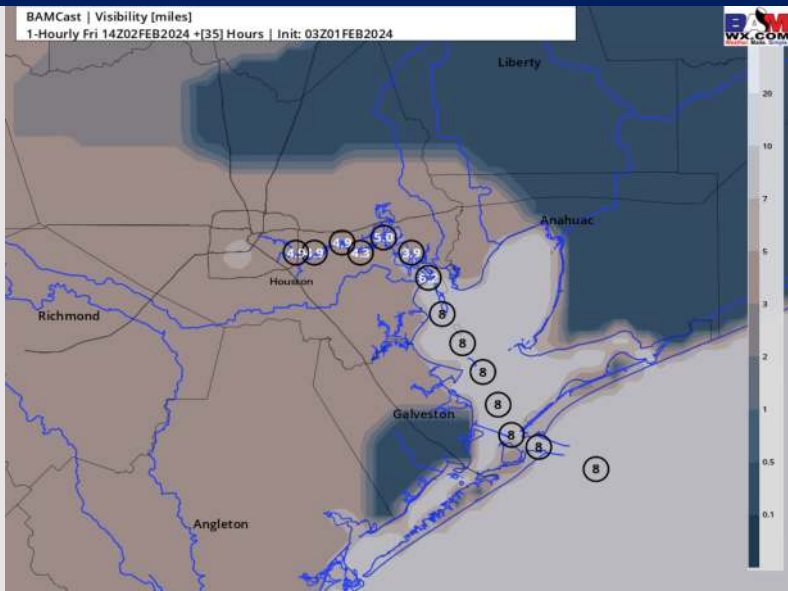
Houston Pilots Visibility Report



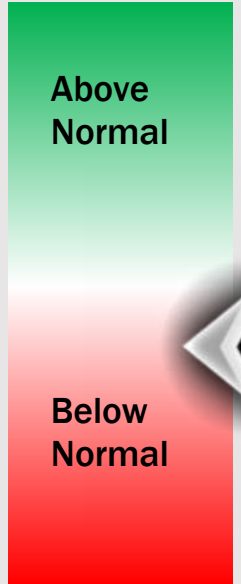
3 AM CT FRI Visibility



8 AM CT FRI Visibility



Confidence



TIMEFRAME DISCUSSED	THREAT
2 AM - 1 PM THU	Medium

- Confidence remains low in terms of coverage and start time for this event. Given elevated winds and cloud cover concerns, favoring this risk to patchier at the present time.
- **N of Morgan's Point:** Confidence is lowest in terms of if dense fog can reach as far north as these stations. Despite simulated visibility showing this risk, favoring coverage to be patchier at this time with only a localized risk for visibilities of less than 1 mile. Current timeframe favored is 2AM - 8AM.
- **S of Morgan's Point:** Watching for the risk of patchy / patchy dense fog for stations S. of Morgan's Point from 2 AM - 1PM-CT. Southeasterly winds will allow for sea fog development to be possible. Visibilities of less than a mile can't be ruled out, despite simulated visibility not showing this clearly. While this timeframe may need to be narrowed further in terms of the greatest potential, the potential for patchy fog beyond this period is not favored due to increasing winds and temperatures.

Houston Pilots Extended Range Visibility Report



Sunday 2/4/24

Not favoring fog concerns at this time.



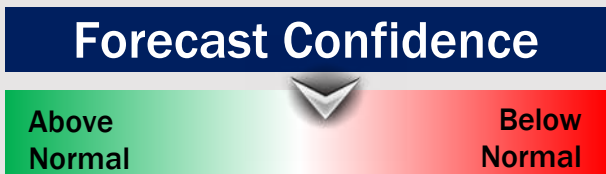
Monday 2/5/24

Not favoring fog concerns at this time.



Tuesday 2/6/24

Not favoring fog concerns at this time.



Chance for Fog

Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	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	10	10	10	10	10	10	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	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	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	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	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	10	10	10	10	10	10	10	10
Morgans Point	10	10	10	10	10	10	10	9	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
75/76	10	10	10	9	10	9	10	6	6	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
63/64	10	10	10	9	10	9	10	6	6	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
51/52	10	10	10	9	9	9	9	6	6	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
37/38	10	10	10	9	9	9	9	6	6	10	10	10	10	10	10	9	9	9	8	8	9	9	9	9
25/26	10	10	10	9	9	9	9	6	6	10	10	10	10	10	10	8	8	8	8	8	9	9	9	8
11/12	10	10	10	9	9	9	9	7	6	10	10	10	10	10	10	8	8	8	8	8	9	9	9	8
1 & 2 Bravo	10	10	10	7	9	9	9	7	6	10	10	10	10	10	10	8	8	8	9	9	9	9	9	9

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



Forecast Confidence



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

Time Knots	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	3 5 S	2 4 S	2 4 S	2 4 S	2 4 S	1 3 S	2 3 S	2 3 SSE	2 4 SE	3 6 SE	4 8 SE	5 10 SSE	6 11 SSE	7 12 SSE	7 13 SSE	7 14 SSE	7 13 SSE	7 12 SSE	7 11 SSE	5 9 SSE	5 11 SSE	5 9 SSE	5 8 SSE	4 8 SE
Kinder 1	3 5 S	2 4 S	2 4 S	2 4 S	2 4 S	1 3 S	1 3 S	1 3 SSE	3 4 SE	3 6 SE	4 8 SE	5 9 SSE	6 11 SSE	6 11 SSE	7 13 SSE	7 14 SSE	7 13 SSE	7 12 SSE	6 11 SSE	5 9 SSE	5 11 SSE	5 9 SSE	5 10 SSE	4 8 SE
Greens Bayou	3 5 S	3 4 S	2 4 S	2 4 S	2 4 S	1 3 S	2 3 S	1 4 SSE	3 4 SE	3 6 ESE	4 7 SE	5 9 SSE	6 11 SSE	7 12 SSE	7 13 SSE	8 13 SSE	7 12 SSE	6 11 SSE	6 10 SSE	6 9 SSE	5 10 SSE	5 9 SSE	4 8 SE	4 8 SE
Shell Crude	3 5 S	2 4 S	2 4 S	3 4 S	2 4 S	1 3 S	2 4 S	2 4 SSE	3 4 SE	3 6 ESE	4 8 SE	5 10 SSE	6 11 SSE	7 13 SSE	7 13 SSE	7 13 SSE	7 13 SSE	6 11 SSE	6 10 SSE	5 9 SSE	5 10 SSE	5 9 SSE	5 10 SSE	4 8 SE
Lynchburg Ferries	3 5 S	3 4 S	2 4 S	2 4 S	2 4 S	1 3 S	1 4 S	1 4 SSE	2 4 SE	3 6 ESE	4 7 SE	5 9 SSE	6 11 SSE	7 12 SSE	7 12 SSE	8 14 SSE	7 13 SSE	7 13 SSE	6 12 SSE	5 11 SSE	5 9 SSE	5 9 SSE	5 9 SSE	4 8 SE
Exxon 3	3 5 S	3 4 S	2 4 S	3 4 S	2 4 S	2 4 SSE	2 4 SSE	2 4 SE	4 5 ESE	3 6 ESE	5 8 SE	5 10 SSE	6 11 SSE	7 13 SSE	7 13 SSE	8 14 SSE	9 13 SSE	9 13 SSE	8 13 SSE	7 11 SSE	7 11 SSE	7 11 SSE	7 10 SSE	5 9 SSE
Morgans Point	3 5 S	3 5 S	2 4 S	2 4 S	1 3 S	1 4 S	2 4 S	2 4 SSE	3 5 ESE	3 5 ESE	5 8 SE	5 10 SSE	6 11 SSE	7 13 SSE	7 13 SSE	8 13 SSE	8 13 SSE	8 13 SSE	7 11 SSE	7 10 SSE	7 10 SSE	7 10 SSE	6 10 SSE	5 9 SSE
75/76	4 5 S	3 5 S	3 4 S	3 4 S	3 4 S	3 4 SSE	3 5 SSE	3 5 SE	5 6 ESE	6 9 ESE	7 10 ESE	7 11 SE	7 13 SE	8 14 SE	9 15 SE	10 16 SE	11 16 SSE	11 16 SSE	11 16 SSE	10 14 SSE	9 13 SSE	9 13 SSE	9 13 SSE	9 13 SSE
63/64	3 5 S	3 4 S	2 4 S	2 4 S	2 4 S	2 4 S	3 4 S	3 4 SSE	5 7 ESE	5 8 ESE	7 10 ESE	7 11 SE	7 13 SE	8 14 SE	8 14 SE	9 15 SE	9 15 SE	10 15 SSE	10 14 SSE	9 13 SSE	9 13 SSE	8 12 SSE	8 13 SSE	8 12 SSE
51/52	3 4 S	3 4 S	1 3 S	2 4 S	1 3 S	1 3 S	1 3 S	1 3 S	2 4 SE	4 6 ESE	5 8 ESE	6 10 SE	7 11 SE	8 13 SE	8 13 SE	9 14 SE	9 13 SE	9 13 SE	9 13 SE	8 12 SE	7 11 SE	7 11 SE	7 11 SE	7 11 SE
37/38	3 4 S	2 4 S	1 3 S	2 4 S	1 3 S	1 3 S	1 3 S	1 3 S	2 4 SE	4 6 ESE	5 7 ESE	7 11 SE	8 13 SE	8 13 SE	8 12 SE	9 13 SE	9 13 SE	9 13 SE	8 12 SE	7 11 SE	7 11 SE	7 11 SE	7 11 SE	7 11 SE
25/26	3 4 S	2 4 S	1 3 S	2 4 S	1 3 S	1 3 S	1 3 S	1 3 S	2 4 SE	4 5 ESE	5 7 ESE	7 11 SE	8 12 SE	8 13 SE	8 12 SE	8 13 SE	8 13 SE	8 13 SE	8 12 SE	7 11 SE	7 10 SE	7 9 SE	7 10 SE	7 10 SE
11/12	3 4 S	2 4 S	2 4 S	2 4 S	2 4 S	1 3 S	1 3 S	1 3 S	2 4 SE	4 6 SE	5 8 SE	7 11 SE	8 12 SE	8 11 SE	8 11 SE	8 11 SE	8 11 SE	7 11 SE	7 10 SE	6 9 SE	6 9 SE	5 9 SE	5 9 SE	5 9 SE
1 & 2 Bravo	4 5 S	4 5 S	3 4 S	3 4 S	3 4 S	3 4 S	3 5 SSE	3 5 SSE	4 6 SE	5 8 SE	7 10 SE	8 12 ESE	8 12 ESE	8 11 ESE	7 11 SE	7 11 SE	9 13 SE	8 12 SE	8 13 SE	8 12 SE	8 12 SE	8 12 SE	8 12 SE	8 12 SE

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Forecast Discussion

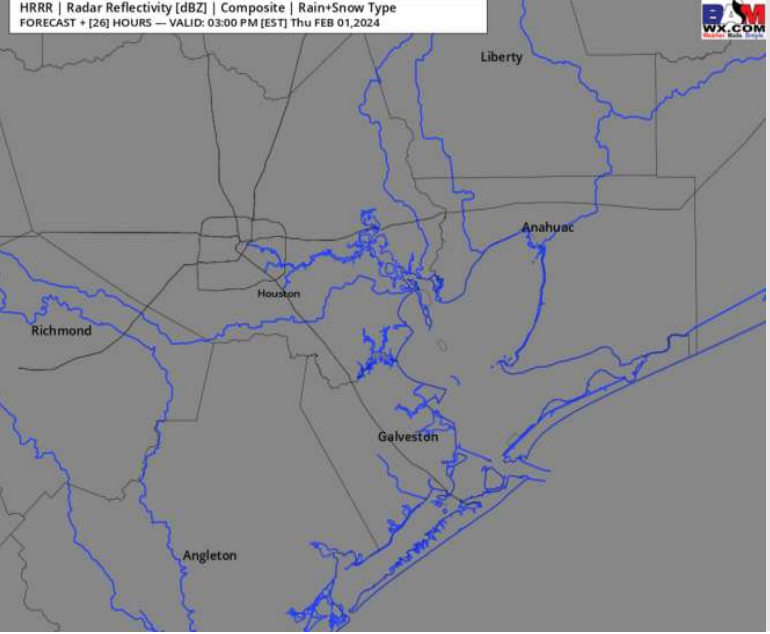
Precip: Dry conditions favored for today.

Wind: Winds will be variable N of Morgan's Point through 7 AM-CT while winds S of Morgan's Point will be out of the S through 5 AM-CT before shifting out of the SE-ESE. **N of Morgan's Point:** 1-6 kts through 12 PM then winds increase to 7 - 12 kts thereafter, continuing until 9 PM when they again drop to 1 - 6 kts. **S of Morgan's Point:** Winds will be calm to 3 - 6 kts through much of the AM, shifting to 7 - 12 kts after 3 PM and for the rest of the day.

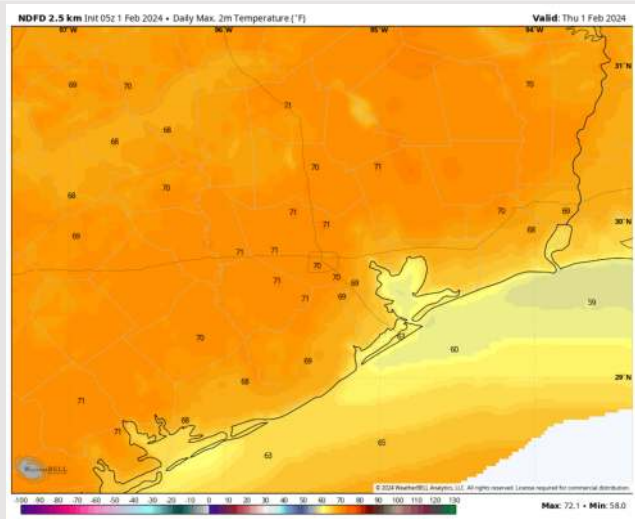
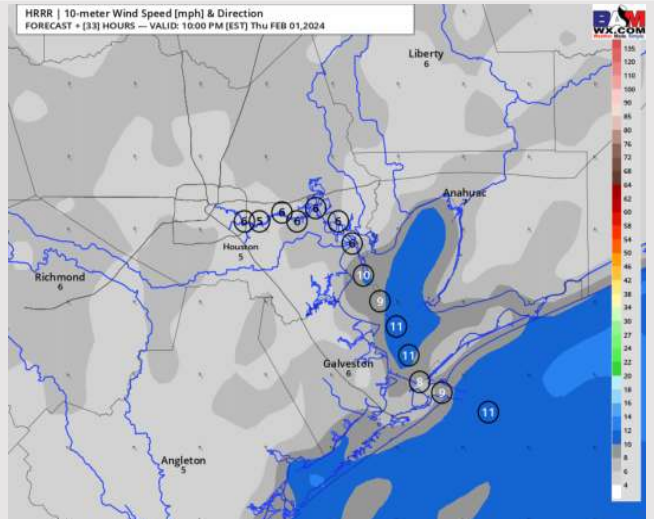
High Temps: **N of Morgan's Point:** High 60s to lower 70s F. **S of Morgan's Point:** Low 60s F

Visibility: Patchy fog risks remain low-end. **See Visibility Slide for more details.**

Precip Image: 2 PM CT



Wind Speed:
9 PM CT



High Temps
Thursday

Houston Pilots: Fri. 2/2/2024



Forecast Discussion

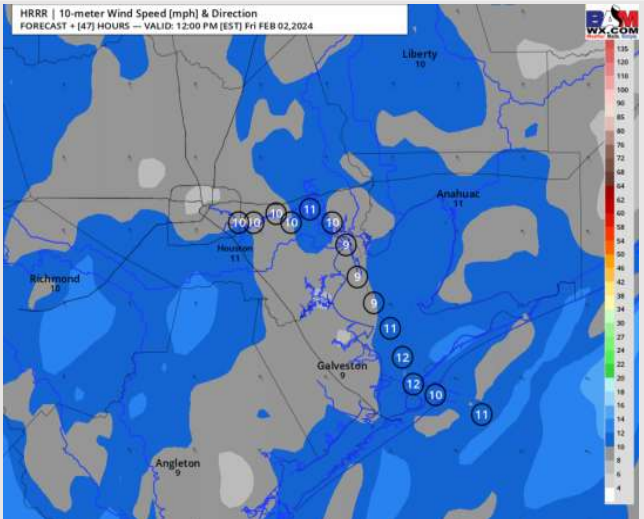
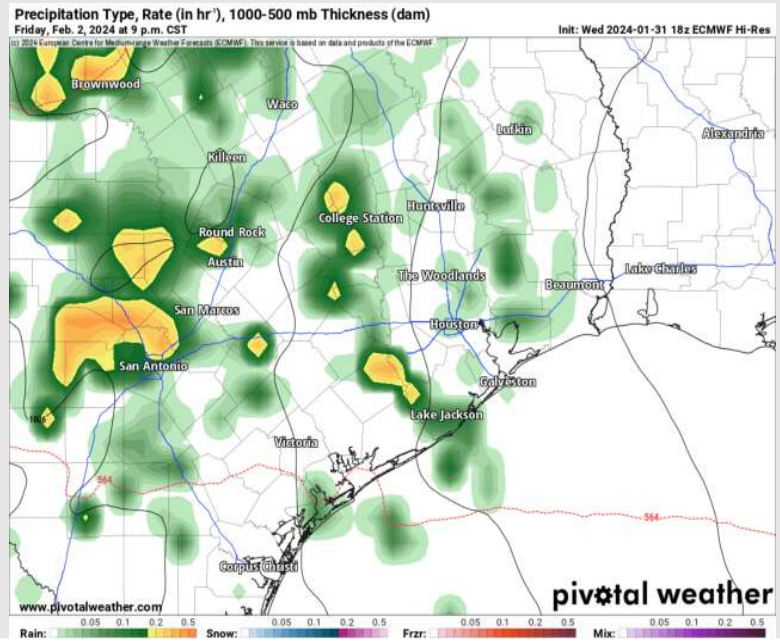
Precip: Pockets of drizzle will be possible through 9 AM-CT. A dry period through 6PM is expected, with scattered showers and a few storms working in during the evening. Main storm line favored to impact area Saturday AM.

Wind: Winds will remain out of the southeast for the entire day. **N Morgan's Point:** Will start the day at 3 – 7 kts before increasing to 6 – 11 kts after 12PM for the remainder of the day. **S of Morgan's Point:** 8 – 14 kts for the entire day.

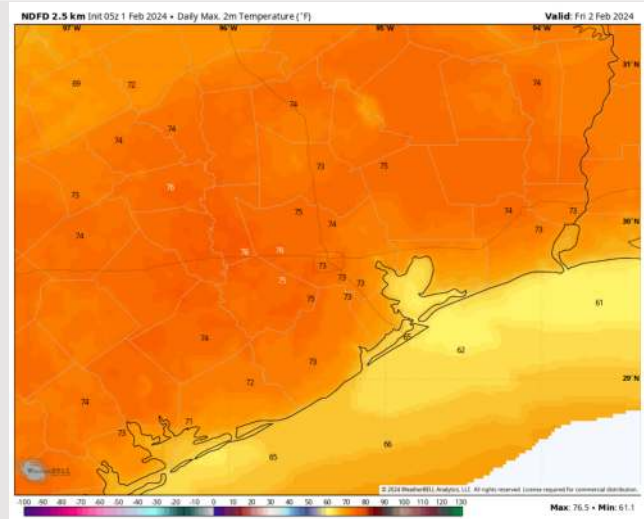
High Temps: **N of Morgan's Point:** Lower 70s F **S of Morgan's Point:** Low to Mid 60s F .

Visibility: Lower confidence on timing and coverage, but given southeasterly winds, periods of at least patchy fog will be favored.

Precip Image: 9 PM CT



Wind Speed:
1 AM CT



High Temps
Friday

Houston Pilots: sat. 2/3/2024



Forecast Discussion

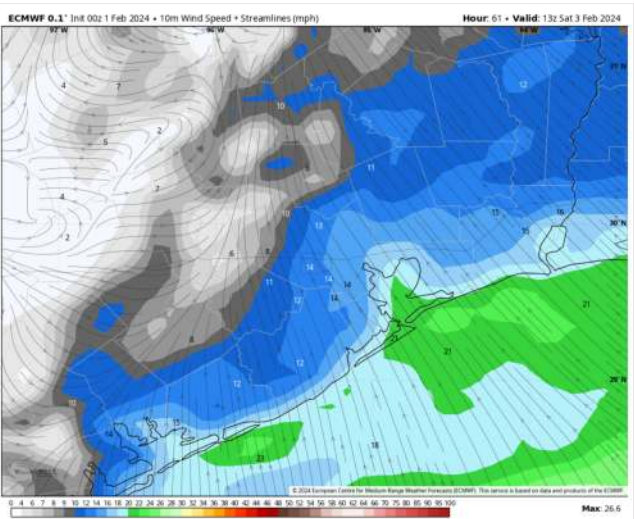
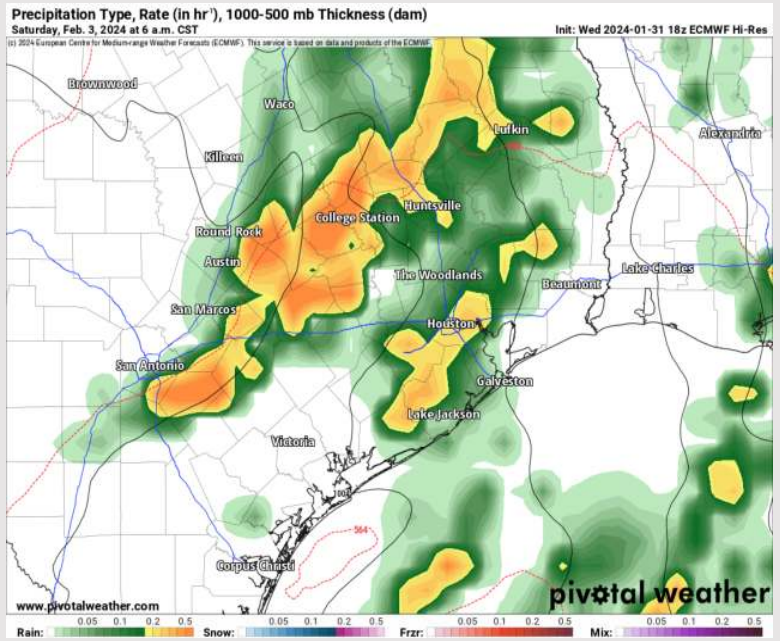
Precip: Line of Scattered Storms will push in from the west during the morning hours. A few storms will have severe potential, with 40 – 50 kt gusts to be possible. Storms favored to impact the area between 5AM and 10AM.

Wind: Winds will remain out of the southeast before veering out of the southwest after 3PM as the front fully passes the area. **N Morgan's Point:** 7 - 12 kts through 2PM before becoming 3 – 6 kts. **S of Morgan's Point:** Winds will be at 14 – 19 kts though 2 PM, then will decrease to 7- 11 kts for the rest of the evening. Non-Thunderstorm Gusts of 25 - 30 kts cannot be ruled out for all stations through 2PM.

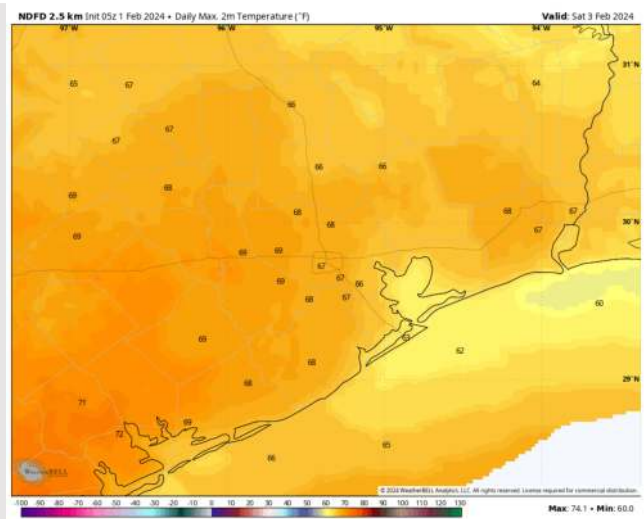
High Temps: **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Mid to Upper 60s F.

Visibility: Patchy fog risks will be in play for Stations S of Morgan's Point prior to arrival of front, but lower confidence on timing.

Precip Image: 6 AM CT



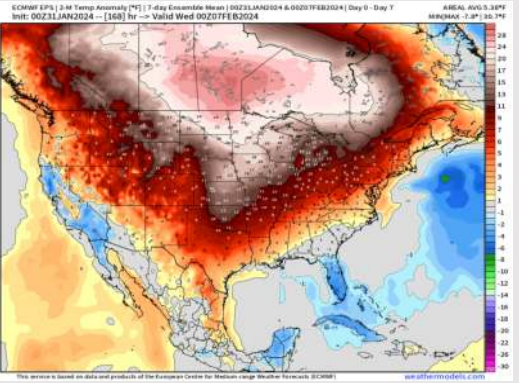
Wind Speed:
8 AM CT



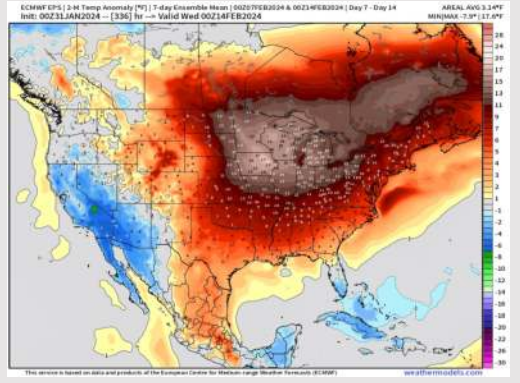
High Temps
Saturday

Houston Pilots: 2/1/24

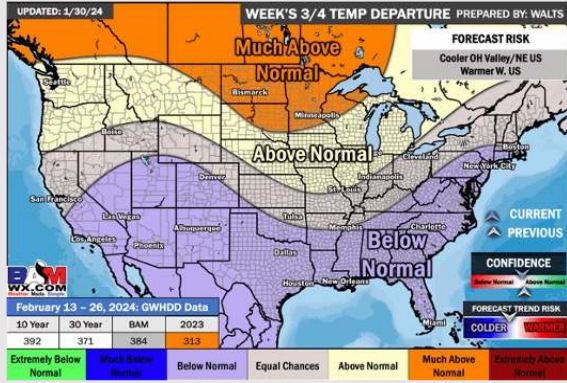
Next 7 Day Temperature Departure



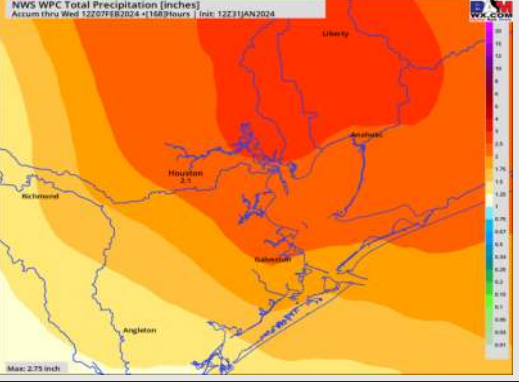
8-14 Day Temperature Departure



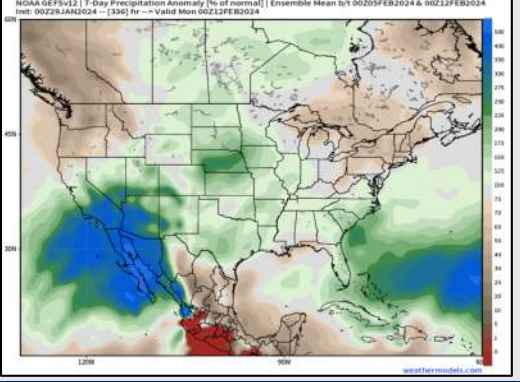
15-30 Day Temperature Departure



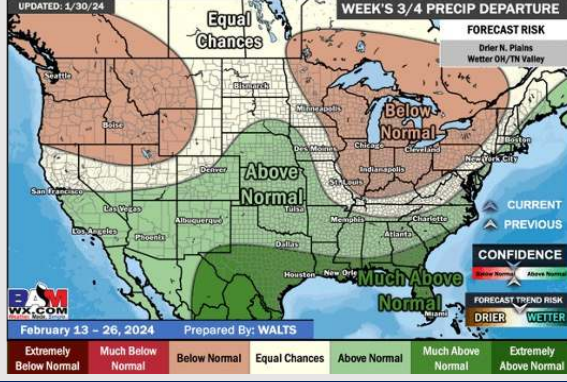
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Drier conditions will continue through tomorrow PM before drizzle can press into the area. The best chances for accumulation looks to enter on Saturday. Above normal temperatures favored for the week ahead.
- Above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be above normal as well.
- Below normal temperatures and much above normal chances for precipitation are favored in the weeks 3/4 timeframe.