

Houston Pilots Forecast Package



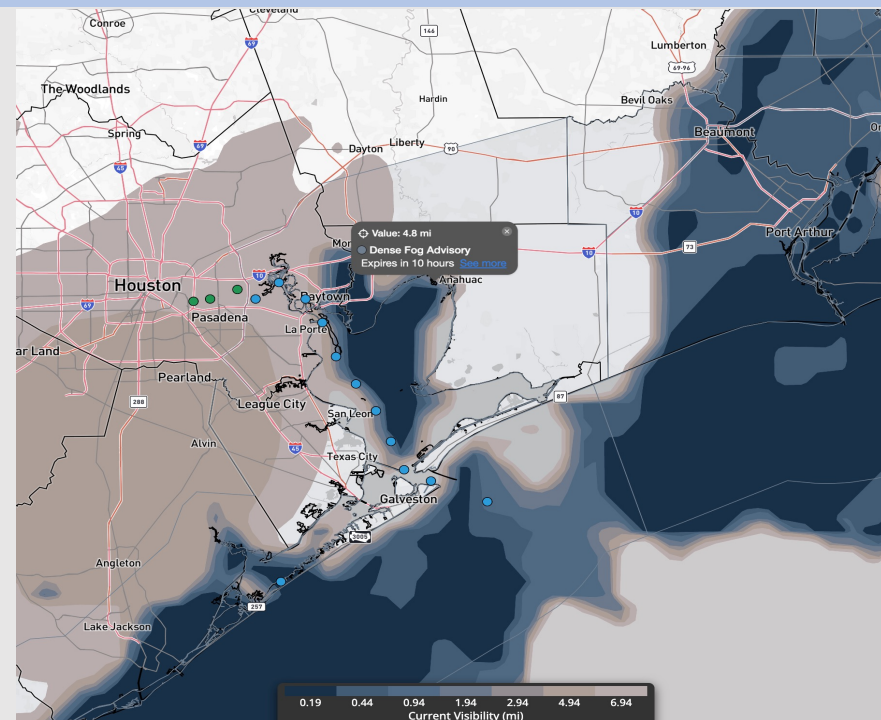
Updated: 2:15 AM CT

Tuesday, December 23, 2025

Forecaster: John Kemper

Weather Headlines

- Favoring dry conditions for the next 72 hours.
- A multi-day sea fog event remains in the forecast through at least Friday with medium to high confidence.
- Fog is expected to recede from stations N of Morgan's Point later this AM.



Current Visibility: 2:00 AM CT

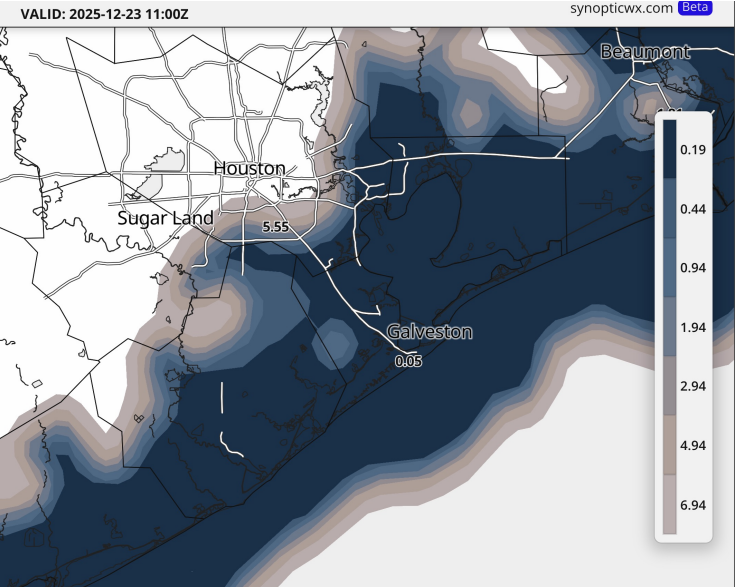
As always, please do not hesitate to reach out to us with any forecast questions at **(317)-560-8122**. **Press 1 for forecast questions.**



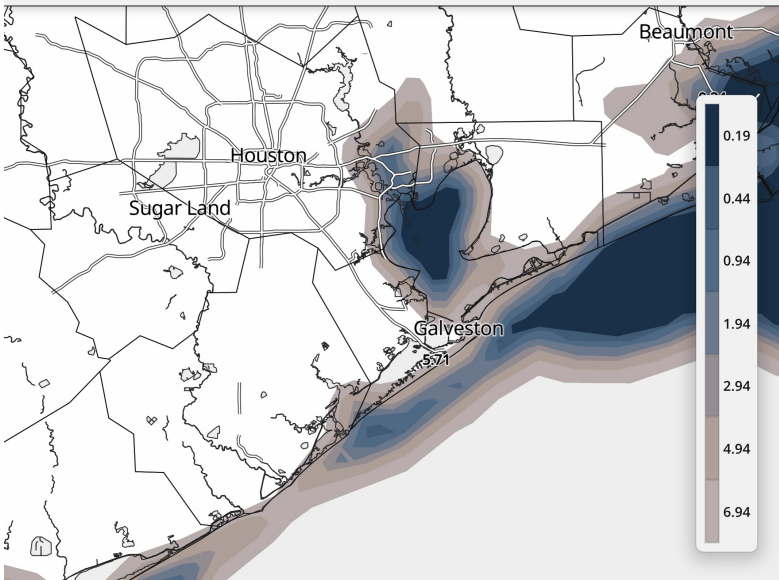
You can also access real-time forecast updates and 24/7 meteorological chat assistance on your **Clarity app.**

Houston Pilots Visibility Report

6 AM CT TUE VISIBILITY



10 AM CT TUE VISIBILITY



Confidence

Above
Normal

Below
Normal

TIMEFRAME
DISCUSSED

THREAT

NOW – 10 AM TUE

HIGH

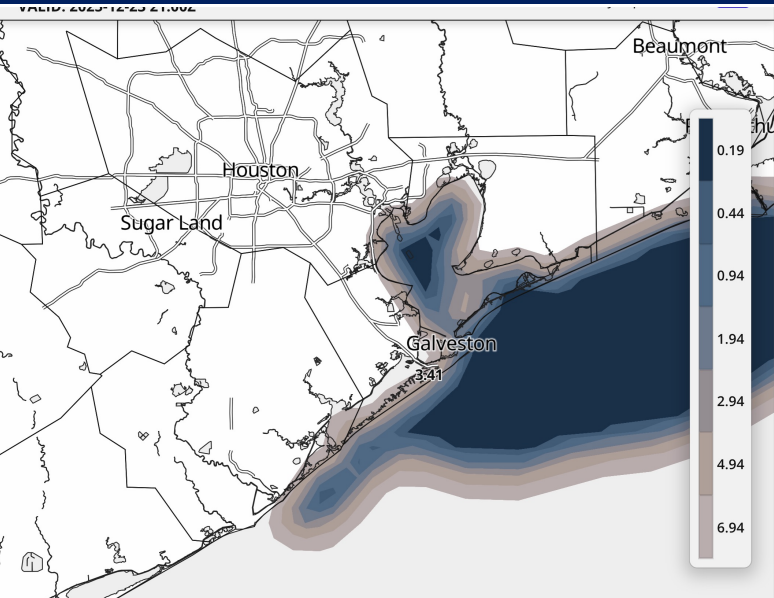
Widespread, dense fog with visibilities of less than 0.5 miles should continue for **all stations** through 6AM-CT. Weaker winds towards 11/12 and the Boarding Station is keeping fog risks patchier than expected, with periods where improved visibilities of 1-2 miles can be possible between rounds of dense fog (< 0.5 miles).

Towards ~6 AM TUE, there is lower confidence on fog receding for locations **N of Morgan's Point**. At the very least, we expect at this point fog to become patchier for these locations, with visibility of less than 1 mile possible.

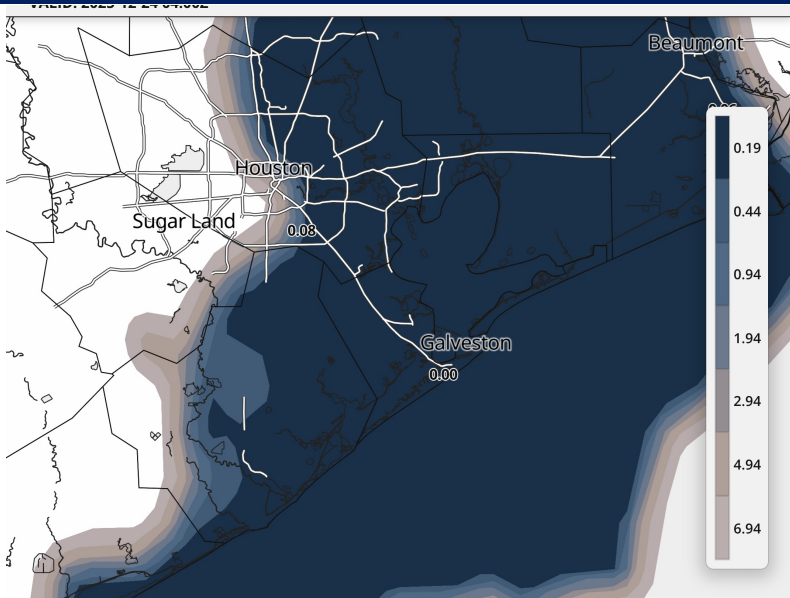
Coverage of dense fog (less than 0.5 mile visibilities) is expected to remain possible **S of Morgan's Point** through ~10 AM TUE before becoming patchier in nature. By 10AM, fog should be fully out of the area for stations **N of Morgan's Point**.

Houston Pilots Visibility Report

5 PM CT TUE VISIBILITY



11 PM CT TUE VISIBILITY



Confidence

Above
Normal

Below
Normal

TIMEFRAME
DISCUSSED

THREAT

10 AM TUE – 12 AM
WED

HIGH

After 10 AM, coverage of fog **S of Morgan's Point** is expected to become rather isolated throughout the afternoon hours with only localized reduced visibilities of ~1 mile through 4PM.

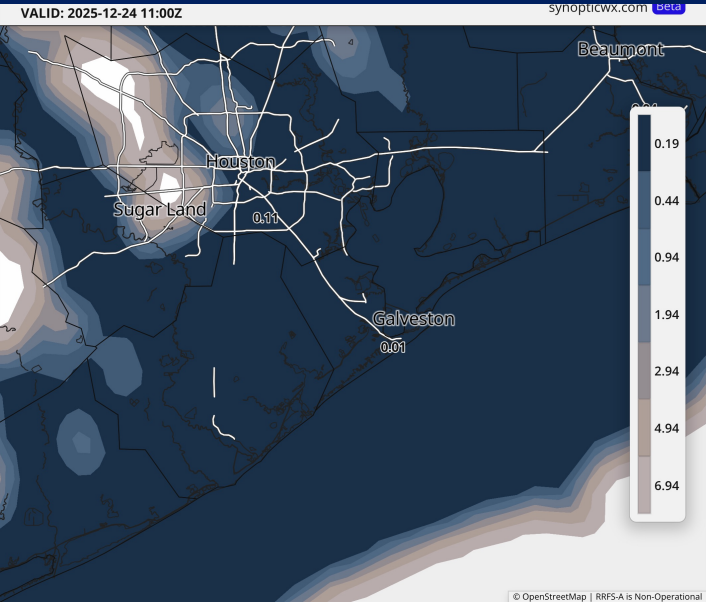
Towards 5 PM TUE, more patchy/persistent fog will slowly work back from the **Boarding Station to Morgan's Point**, gradually expanding across the bay through ~9 PM TUE.

After 9 PM TUE, expecting risk for widespread, dense fog with visibilities of less than 0.5 miles to be in play for **all stations**.

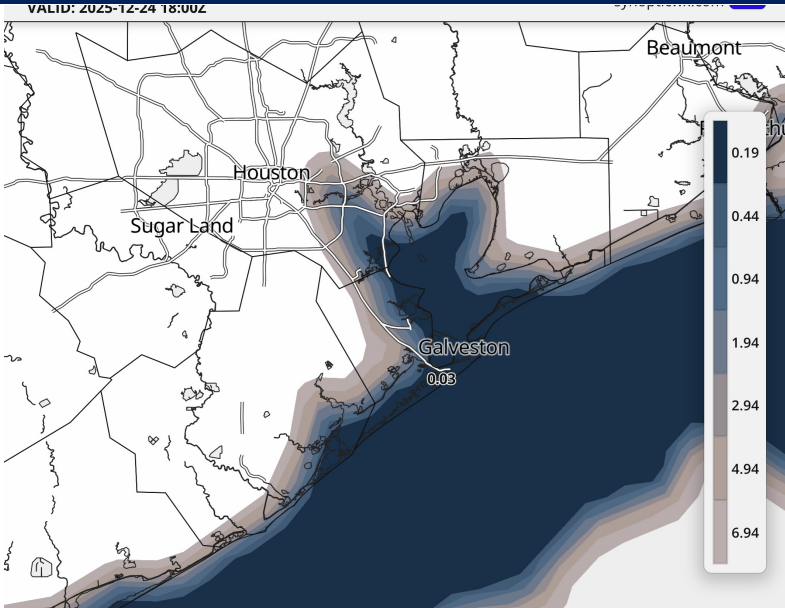
Confidence a bit lower in timing for TUE evening due to weaker winds.

Houston Pilots Visibility Report

5 AM CT WED VISIBILITY



12 PM CT WED VISIBILITY



Confidence

Above
Normal

Below
Normal

TIMEFRAME
DISCUSSED

THREAT

12 AM – 12 PM WED

MED - HIGH

Dense sea fog with visibilities of less than 0.5 mile will be favored for **all stations** through 8AM Wednesday morning. From 8AM – 10AM, visibilities of 1-2 miles will be possible **N of Morgan's Point** as fog recedes.

By 10AM, fog risks should only include stations **S of Morgan's Point**, where isolated visibilities of less than 1 mile can continue through the afternoon.

Confidence for timing and intensity of fog exit for Wednesday remains low at this time.

Houston Pilots Extended Range Visibility Report



Friday 12/26/2025

Lower confidence on timing of a front passing through but currently think a sea fog risk can be possible early FRI AM into FRI PM before front passes and greatly limits coverage of fog risks.

Forecast Confidence



Sunday 12/28/2025

No fog concerns favored at this time.

Forecast Confidence



Saturday 12/27/2025

Lingering potential for fog concerns S of Morgan's Point will remain in play into the morning hours.

Forecast Confidence



Chance for Fog

Friday AM	Probable
Friday PM	Possible
Saturday AM	Possible
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence

Above
Normal

Below
Normal

Visibility	Tue 3 am	Tue 4 am	Tue 5 am	Tue 6 am	Tue 7 am	Tue 8 am	Tue 9 am	Tue 10 am	Tue 11 am	Tue 12 pm	Tue 1 pm	Tue 2 pm	Tue 3 pm	Tue 4 pm	Tue 5 pm	Tue 6 pm	Tue 7 pm	Tue 8 pm	Tue 9 pm	Tue 10 pm	Tue 11 pm	Wed 12 am	Wed 1 am	Wed 2 am
Houston Pilots N - 610 Bridge	1.6	0.5	2.5	0.5	0.5	0.5	0.3	4.9	6.9	10	10	10	10	10	10	10	10	10	9	6.9	5.9	3.9	3.9	0.5
Houston Pilots M - Kinder 1	1.6	0.2	1.1	0.5	0.5	0.2	0.3	4.9	6.9	10	10	10	10	10	10	10	10	10	9	6.9	5.9	3.9	2.9	0.5
Houston Pilots L - Greens Bayou	1.1	0.2	0.2	0.5	0.5	0.2	0.3	1.6	6.9	10	10	10	10	10	10	10	10	10	9	6.9	5.9	3.9	3.9	0.5
Houston Pilots K - Shell Crude	1.1	0.2	0.2	0.2	0.5	0.2	0.3	1.6	6.9	10	10	10	10	10	10	10	10	10	9	6.9	5.9	3.9	2.9	0.5
Houston Pilots J - Lynchburg Ferries	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	4.9	10	10	10	10	10	10	10	10	10	9	6.9	5.9	3.9	3.9	0.5
Houston Pilots I - Exxon 3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	2.9	8	10	10	10	10	10	10	10	10	9	6.9	5.9	3.9	2.9	0.5
Houston Pilots H - Morgans Point	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	1.1	1.6	7.9	9	9	9	10	9	9	8	6.9	5.9	4.9	3.9	2.9	0.2
Houston Pilots G - 75/76	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	1.1	1.1	1.6	1.1	1.1	1.1	1.6	2.9	3.9	3.9	3.9	2.9	2.5	0.5	0.2	0.2
Houston Pilots F - 63/64	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.5	1.1	1.6	1.1	1.1	1.1	1.6	2.9	3.9	3.9	3.9	2.9	2.5	0.5	0.2	0.2
Houston Pilots E - 51/52	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.5	1.1	1.6	1.6	1.1	4.9	4.9	2.5	3.9	3.9	4.9	3.9	3.9	0.5	0.2	0.2
Houston Pilots D - 37/38	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	1.1	3.9	7.9	6.9	6.9	4.9	6.9	6.9	6.9	5.9	4.9	3.9	3.9	0.5	0.2	0.2
Houston Pilots C - 25/26	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	2.5	6.9	9	9	9	6.9	6.9	6.9	6.9	5.9	4.9	3.9	3.9	0.5	0.2	0.2
Houston Pilots B - 11/12	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	1.1	5.9	7.9	6.9	6.9	1.1	1.1	5.9	4.9	3.9	3.9	2.9	2.5	0.5	0.2	0.2
Houston Pilots A - 1 & 2 Bravo	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	1.1	1.1	2	1.6	1.1	1.1	1.1	2.9	3.9	3.9	3.9	2.9	0.5	0.5	0.2	0.2

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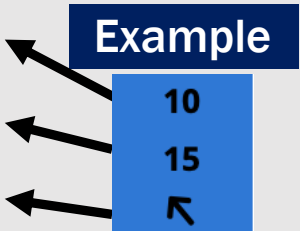
Houston Pilots Wind Chart



Forecast Confidence



Sustained Wind 10 Knots
Gusts 15 Knots
Wind from the SE



Wind	Tue 3 am	Tue 4 am	Tue 5 am	Tue 6 am	Tue 7 am	Tue 8 am	Tue 9 am	Tue 10 am	Tue 11 am	Tue 12 pm	Tue 1 pm	Tue 2 pm	Tue 3 pm	Tue 4 pm	Tue 5 pm	Tue 6 pm	Tue 7 pm	Tue 8 pm	Tue 9 pm	Tue 10 pm	Tue 11 pm	Wed 12 am	Wed 1 am	Wed 2 am
Houston Pilots N - 610 Bridge	6 12 ↗	5 10 ↗	3 9 ↗	3 9 ↗	3 9 ↗	3 9 ↗	3 9 ↗	5 10 ↗	6 10 ↗	6 13 ↗	6 13 ↗	6 13 ↗	7 14 ↗	7 14 ↗	8 14 ↗	7 14 ↗	7 13 ↗	6 12 ↗	6 10 ↗	5 9 ↗	3 9 ↗	3 9 ↗	3 8 ↗	3 8 ↗
Houston Pilots M - Kinder 1	5 12 ↗	5 10 ↗	3 9 ↗	3 9 ↗	3 9 ↗	3 9 ↗	3 9 ↗	5 10 ↗	6 10 ↗	6 13 ↗	6 13 ↗	6 13 ↗	7 14 ↗	7 14 ↗	8 14 ↗	7 14 ↗	7 13 ↗	6 12 ↗	6 10 ↗	5 9 ↗	5 9 ↗	3 9 ↗	3 8 ↗	3 8 ↗
Houston Pilots L - Greens Bayou	5 10 ↗	5 10 ↗	3 9 ↗	3 8 ↗	3 8 ↗	3 9 ↗	3 9 ↗	5 10 ↗	6 10 ↗	6 13 ↗	6 13 ↗	6 13 ↗	7 14 ↗	7 14 ↗	7 13 ↗	7 14 ↗	6 13 ↗	6 10 ↗	5 10 ↗	5 9 ↗	3 9 ↗	3 8 ↗	3 8 ↗	3 8 ↗
Houston Pilots K - Shell Crude	5 10 ↗	5 10 ↗	3 9 ↗	3 8 ↗	3 8 ↗	3 9 ↗	3 9 ↗	5 10 ↗	6 10 ↗	6 13 ↗	6 13 ↗	7 13 ↗	7 14 ↗	7 14 ↗	7 13 ↗	7 13 ↗	6 13 ↗	6 10 ↗	5 9 ↗	5 9 ↗	3 9 ↗	3 8 ↗	3 8 ↗	3 8 ↗
Houston Pilots J - Lynchburg Ferries	5 10 ↗	5 10 ↗	3 9 ↗	3 8 ↗	3 8 ↗	3 8 ↗	3 9 ↗	3 9 ↗	6 10 ↗	6 12 ↗	6 13 ↗	6 13 ↗	7 14 ↗	7 14 ↗	7 13 ↗	7 13 ↗	6 13 ↗	6 10 ↗	5 9 ↗	3 9 ↗	3 8 ↗	3 8 ↗	3 8 ↗	3 7 ↗
Houston Pilots I - Exxon 3	8 13 ↗	8 12 ↗	7 10 ↗	6 10 ↗	6 9 ↗	6 9 ↗	6 9 ↗	6 10 ↗	6 10 ↗	7 13 ↗	7 13 ↗	8 14 ↗	8 14 ↗	9 15 ↗	9 14 ↗	8 14 ↗	8 13 ↗	8 12 ↗	8 12 ↗	7 10 ↗	7 10 ↗	6 10 ↗	6 9 ↗	6 9 ↗
Houston Pilots H - Morgans Point	8 13 ↗	8 12 ↗	7 10 ↗	6 9 ↗	6 9 ↗	6 9 ↗	6 9 ↗	6 10 ↗	6 10 ↗	7 13 ↗	7 13 ↗	8 13 ↗	8 14 ↗	8 14 ↗	8 14 ↗	8 13 ↗	8 12 ↗	8 12 ↗	7 10 ↗	7 10 ↗	6 10 ↗	6 9 ↗	6 9 ↗	6 8 ↗
Houston Pilots G - 75/76	9 14 ↗	8 13 ↗	8 12 ↗	7 10 ↗	7 10 ↗	6 9 ↗	6 9 ↗	6 12 ↗	7 12 ↗	7 13 ↗	7 13 ↗	7 13 ↗	7 14 ↗	8 14 ↗	8 14 ↗	8 14 ↗	9 13 ↗	8 13 ↗	8 12 ↗	8 12 ↗	7 10 ↗	7 10 ↗	7 10 ↗	6 9 ↗
Houston Pilots F - 63/64	8 13 ↗	8 13 ↗	8 12 ↗	7 10 ↗	7 10 ↗	6 9 ↗	6 9 ↗	7 12 ↗	7 12 ↗	6 13 ↗	6 13 ↗	6 12 ↗	7 13 ↗	8 13 ↗	8 13 ↗	8 14 ↗	8 13 ↗	8 12 ↗	8 12 ↗	7 10 ↗	7 10 ↗	6 10 ↗	6 9 ↗	6 9 ↗
Houston Pilots E - 51/52	8 13 ↗	8 13 ↗	8 12 ↗	7 10 ↗	7 9 ↗	6 9 ↗	6 9 ↗	6 10 ↗	6 10 ↗	6 13 ↗	6 12 ↗	6 12 ↗	6 12 ↗	7 13 ↗	8 13 ↗	8 13 ↗	8 13 ↗	8 12 ↗	8 10 ↗	7 10 ↗	7 10 ↗	6 10 ↗	6 9 ↗	6 9 ↗
Houston Pilots D - 37/38	8 13 ↗	8 13 ↗	8 12 ↗	7 10 ↗	7 10 ↗	6 9 ↗	6 9 ↗	6 10 ↗	6 10 ↗	6 12 ↗	6 12 ↗	6 12 ↗	7 12 ↗	7 13 ↗	8 13 ↗	8 12 ↗	8 12 ↗	8 10 ↗	7 10 ↗	7 10 ↗	6 10 ↗	6 10 ↗	6 9 ↗	6 9 ↗
Houston Pilots C - 25/26	8 13 ↗	8 13 ↗	8 12 ↗	7 10 ↗	7 10 ↗	6 9 ↗	6 9 ↗	6 10 ↗	6 10 ↗	6 12 ↗	6 12 ↗	6 12 ↗	7 12 ↗	7 13 ↗	8 13 ↗	8 12 ↗	8 12 ↗	7 10 ↗	7 10 ↗	6 10 ↗	6 10 ↗	6 10 ↗	6 9 ↗	6 9 ↗
Houston Pilots B - 11/12	7 12 ↗	7 12 ↗	7 12 ↗	7 10 ↗	6 10 ↗	6 10 ↗	6 9 ↗	6 10 ↗	6 10 ↗	6 12 ↗	6 10 ↗	6 12 ↗	7 12 ↗	7 13 ↗	7 13 ↗	7 12 ↗	7 12 ↗	6 10 ↗	6 10 ↗	6 10 ↗	6 10 ↗	6 10 ↗	6 10 ↗	6 9 ↗
Houston Pilots A - 1 & 2 Bravo	9 14 ↗	9 14 ↗	8 13 ↗	8 13 ↗	8 12 ↗	8 12 ↗	8 12 ↗	7 13 ↗	7 12 ↗	6 13 ↗	6 12 ↗	6 12 ↗	6 12 ↗	7 13 ↗	7 13 ↗	8 13 ↗	8 13 ↗	8 12 ↗	8 12 ↗	8 12 ↗	8 12 ↗	8 12 ↗	8 12 ↗	7 10 ↗

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This data should be used as a guide only.

Houston Pilots: TUE. 12/23/2025

Forecast Discussion

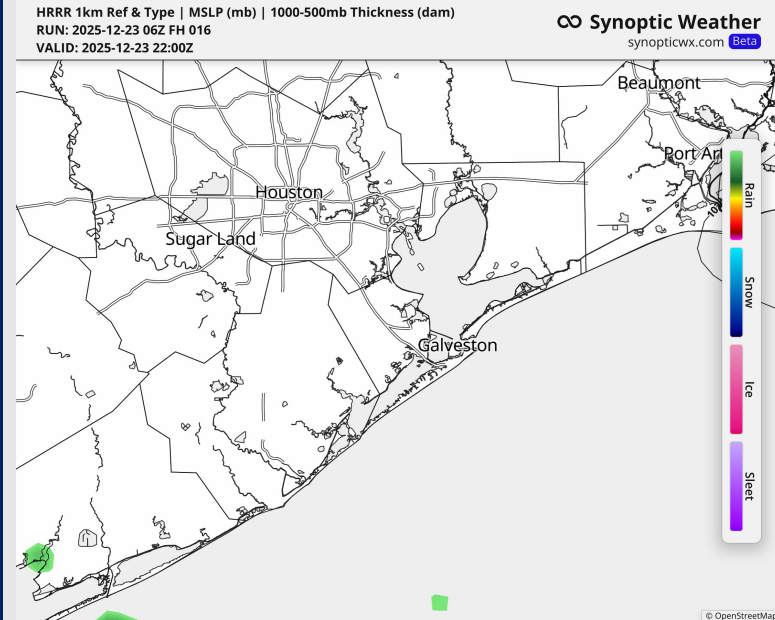
Precip: Dry conditions favored for all stations.

Wind: Winds out of the SE through the day, with a period of ESE winds from 1PM – 8PM. **N of Morgan's Point:** Winds of 3 – 6 kts through the day. **S of Morgan's Point:** Winds of 6 – 10 kts through the day.

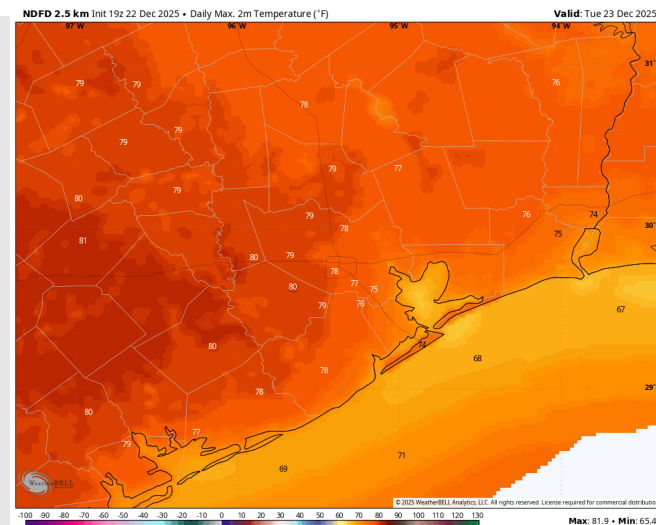
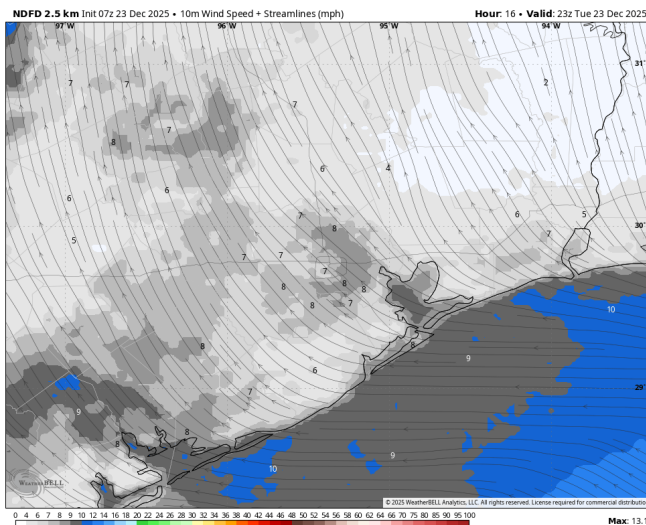
High Temps: **N of Morgan's Point:** Mid/Upper 70s F. **S of Morgan's Point:** Low 70s F.

Visibility: Dense fog N of Morgan's Point in the mornings and evenings, with sea fog possible S of Morgan's Point through the day. See visibility slides for details!

Precip Image: 4 PM CT



Wind Speed:
5 PM CT



High Temps
Today

Houston Pilots: WED. 12/24/2025

Forecast Discussion

Precip: Favoring dry conditions for all stations Wednesday, with better isolated risks favored to remain N of Area.

Wind: Winds will be out of the SE-ESE for the entire day. **N of Morgan's Point:** Winds of 3 - 6 kts through the day. **S of Morgan's Point:** Winds of 5 - 10 kts through 10 AM before decreasing to 3-7 kts the remainder of the day.

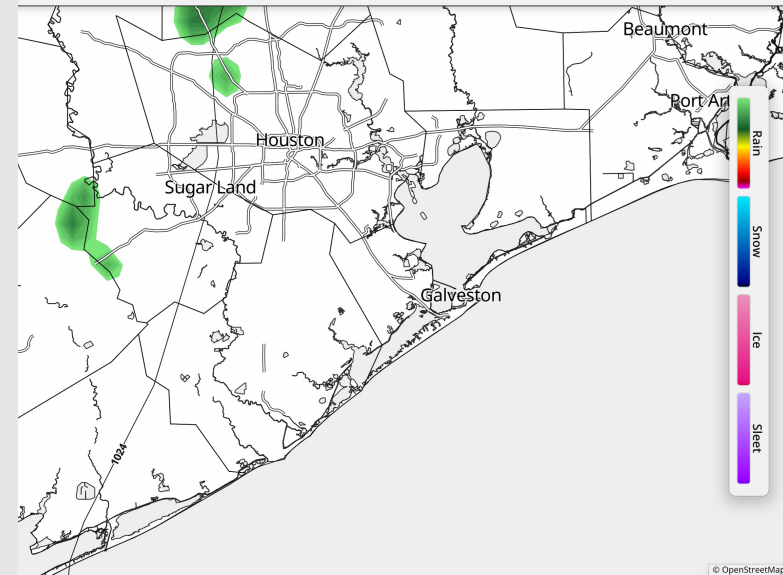
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 60s F.

Visibility: Fog will be possible for all Stations through 12PM, with fog lingering S of Morgan's Point into the afternoon/evening.

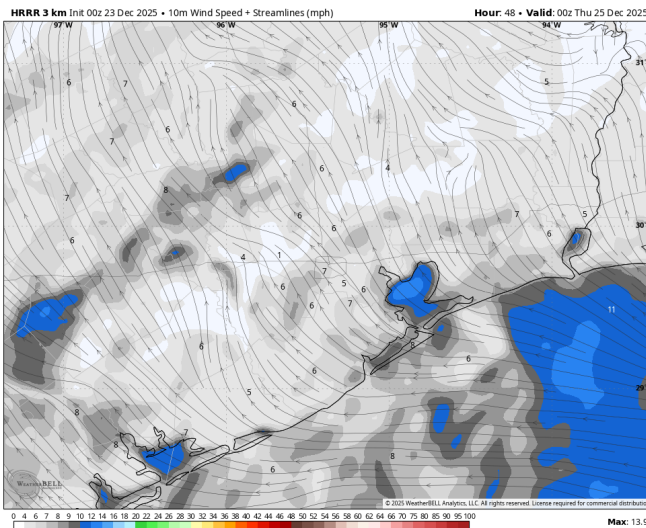
Precip Image: 5 PM CT

HRRR 1km Ref & Type | MSLP (mb) | 1000-500mb Thickness (dam)
RUN: 2025-12-23 06Z FH 041
VALID: 2025-12-24 23:00Z

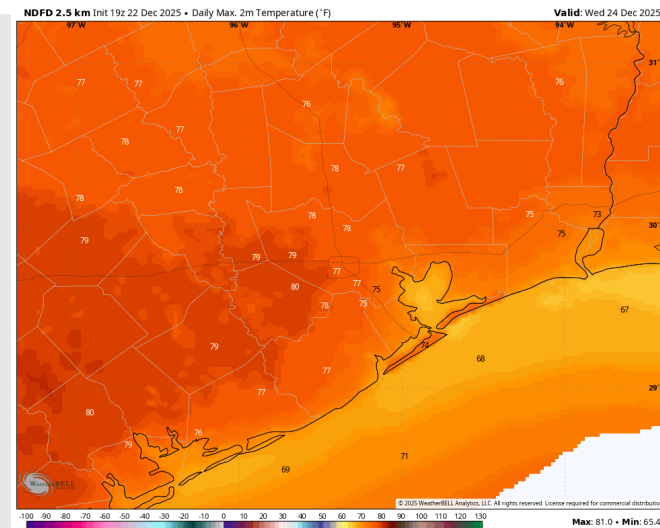
Synoptic Weather
synopticwx.com [Beta](#)



© OpenStreetMap



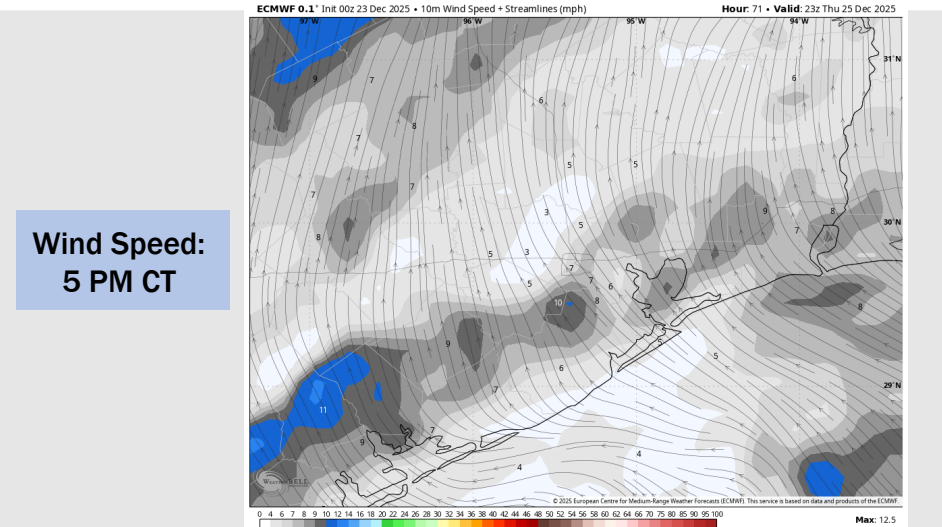
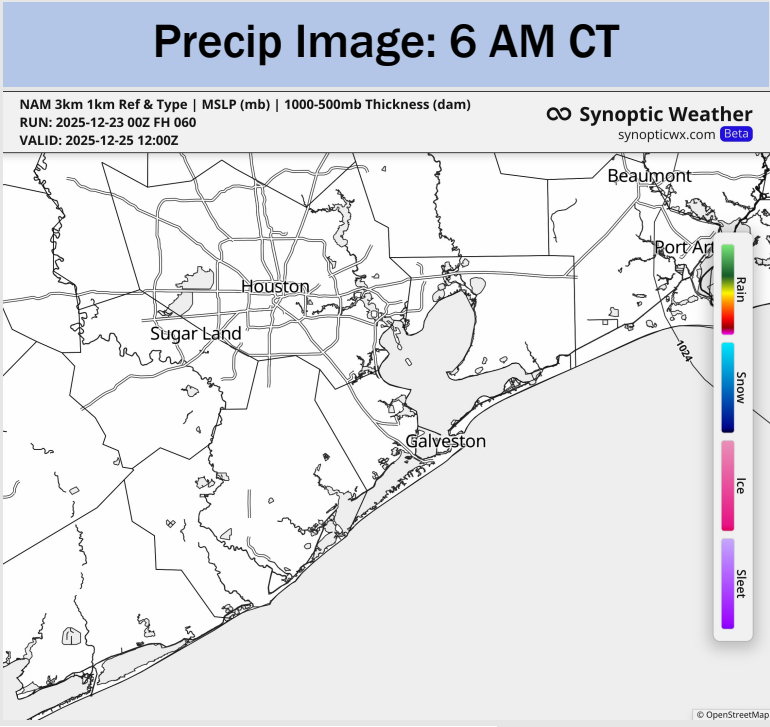
Wind Speed:
6 PM CT



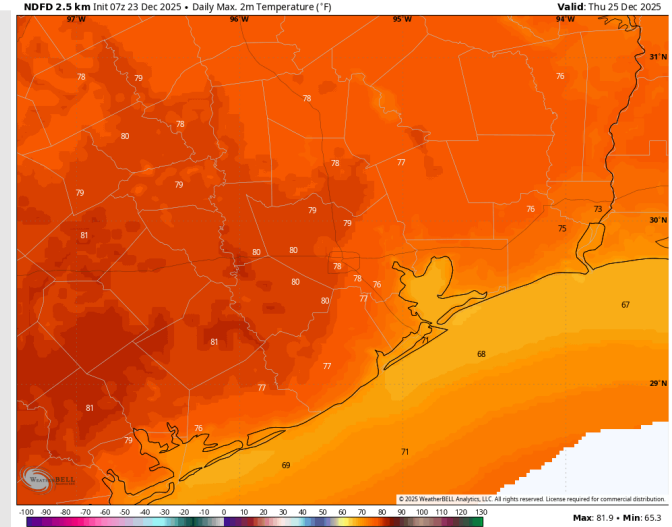
High Temps
Wednesday

Forecast Discussion

- Precip:** Favoring dry conditions for Thursday.
- Wind:** Winds will continue to be out of the SE for the entire day. **N of Morgan's Point:** Winds of 4 - 8 kts. **S of Morgan's Point:** Winds of 4 - 8 kts.
- High Temps:** **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 60s F.
- Visibility:** Sea fog will be probable for all stations through at least 9AM before being confined to S of Morgan's Point into the late AM/PM hours THU.



Wind Speed:
5 PM CT



High Temps
Thursday

The image contains two logos. On the left is the logo for BAM WX.COM, featuring the letters 'BAM' in a stylized font with a white 'A' and a black and white swirl, followed by 'WX.COM' in black and 'Weather. Made. Simple.' in blue and red. On the right is the logo for Houston Pilots, featuring a large red 'H' with the text 'Houston Pilots' in white.

NOAA GFSv2 | 7-DAY AVG 2-METER TEMPERATURE ANOMALY [°F] | Ensemble Mean --> Days 0 to 7
Inst: 00Z22DEC2025 -- [168] hr --> Valid Mon 00Z29DEC2025

25
24
23
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-21
-22
-23
-24

60°N
45°N
30°N
120°W
90°W

weathermodels.com


ECMWF EPS 1-2M Temp Anomaly [°F] | 7-day Ensemble Mean | 00Z29DEC2025 & 00Z05JAN2026 | Day 7 - Day 14
 Init: 00Z22DEC2025 -- [336] hr --> Valid Mon 00Z05JAN2026

AREAL AVG 0.65°F
 MIN/MAX -20.3°/12.7°F

Servicos based on data + products of European Centre for Medium-Range weather forecasts (ECMWF) - F5 Operational


[wethermodels.com](https://www.wethermodels.com)

Week ¾ Temperature Outlook

 **wx.com**

January 2 – 15, 2026 | Updated: 12/19/25

Forecaster: Waits



Much Below Normal

Below Normal

Much Above Normal

Above Normal

Forecast Period GHIWDD Data			
10 Year	30 Year	BAM	2024
420	428	410	479

CONFIDENCE METER

Below Normal
Above Normal

FORECAST RISK

Warmer OH/ Mid-AB, C. Plains

Extremely Below Normal

Much Below Normal

Below Normal

Equal Chances

Above Normal

Much Above Normal

Extremely Above Normal

ECMWF EPS Total Precipitation Percent of Normal (%) | Ensemble Mean
Inrt: 00Z22DEC2025 -- [336] hr --> Valid Mon 00Z05JAN2026
Accum R 00Z25DEC2025 - 00Z05JAN2026
Days 7 to 14

Green Circle = Area for precip to be closer to 'Average'

Source: Issued 01:00pm • products of European Centre for Medium-Range Weather Forecasts (ECMWF) EPS Operations | weathermodels.com

Week ¾ Precipitation Outlook

January 2 – 15, 2025 | Updated: 12/19/25

Forecaster: Walts

CONFIDENCE METER

BELOW NORMAL ABOVE NORMAL

FORECAST RISK

Dirier SE US
Wetter C. Plains

Extremely Below Normal Much Below Normal Below Normal Equal Chances Above Normal Much Above Normal Extremely Above Normal

- Much above normal temps are favored over the next 7 days, with isolated rain chances through the week.
- Above normal temperatures and below normal rainfall favored in the Week 2 timeframe.
- Much above normal temperatures and below normal rainfall expected the first part of January.