

Houston Pilots Forecast Package



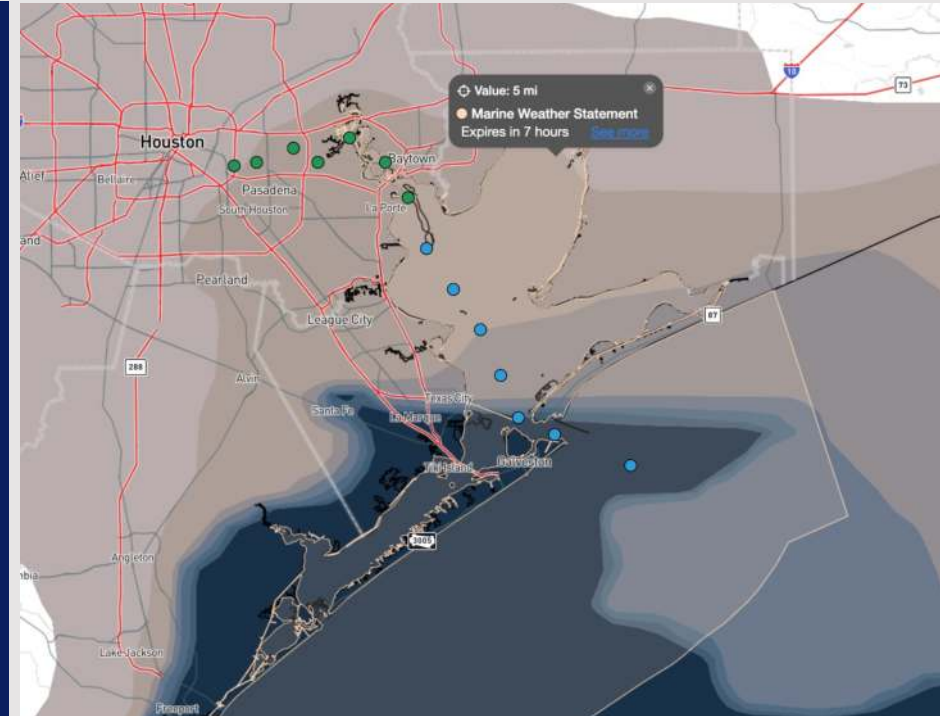
Updated: 6:15 PM CT

Tuesday, January 28, 2025

Forecaster: John Kemper

Weather Headlines

- **Reduced visibilities will be favored this evening before more dense sea-fog builds in by 12AM WED. See visibility slides for more details!**
- **We are currently in X-Ray Port conditions as wave heights are anticipated to reach 6 ft by 12PM THU. See wave height slide for more information!**
- **Intermittent rain chances will continue to linger over the next 72 hours.**



Current Radar: 6:15 PM 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. Click [here](#) for login assistance.



Houston Pilots Port Trigger Update



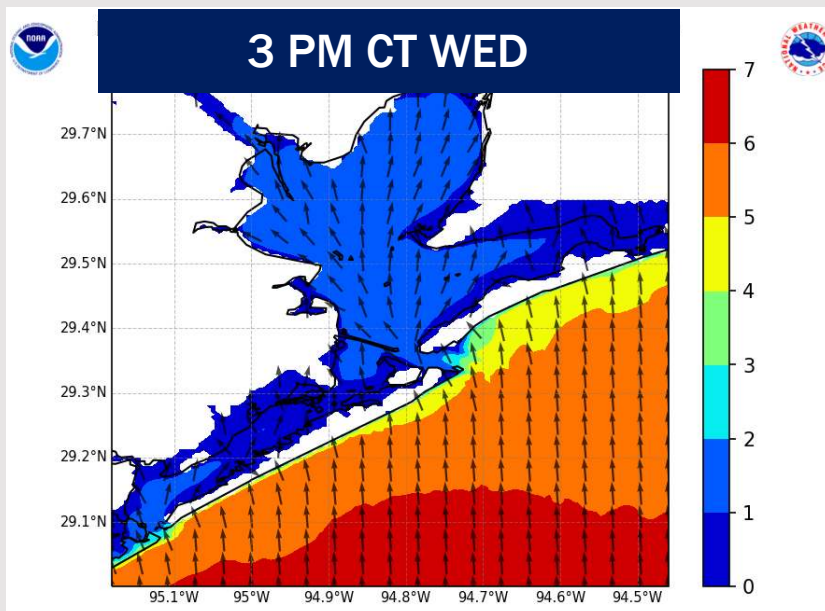
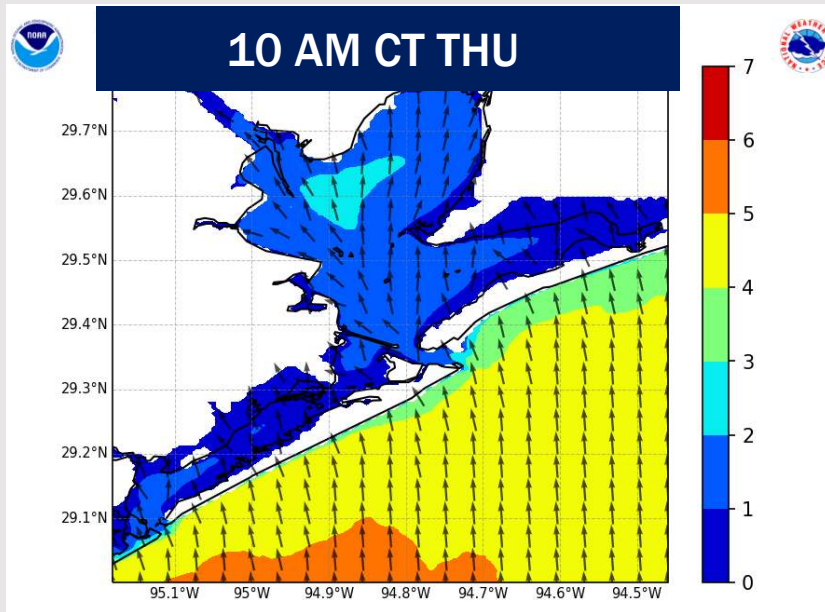
Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	—	—	—
Whiskey	—	—	—
X-Ray	—	CURRENT	12 PM WED
Yankee	—	12 PM WED	12 AM THU
Zulu	—	12 AM THU	12 AM FRI

Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	N/A
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	N/A
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	YES
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	NO
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	NO

NOTES:

With increased winds ahead of a front on Thursday, waves are anticipated to reach 6' by 12PM THU. See wave height slide for more information!

Wave Height Forecast Update



Wave heights at the Boarding Station are expected to increase THU AM, reaching 6' by 12PM THU.

Elevated wave heights of 6' - 7' are anticipated to linger through 12AM FRI, before quickly decreasing throughout FRI AM.

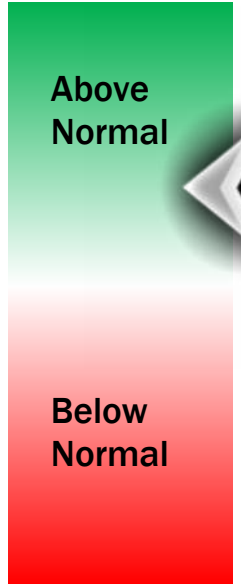
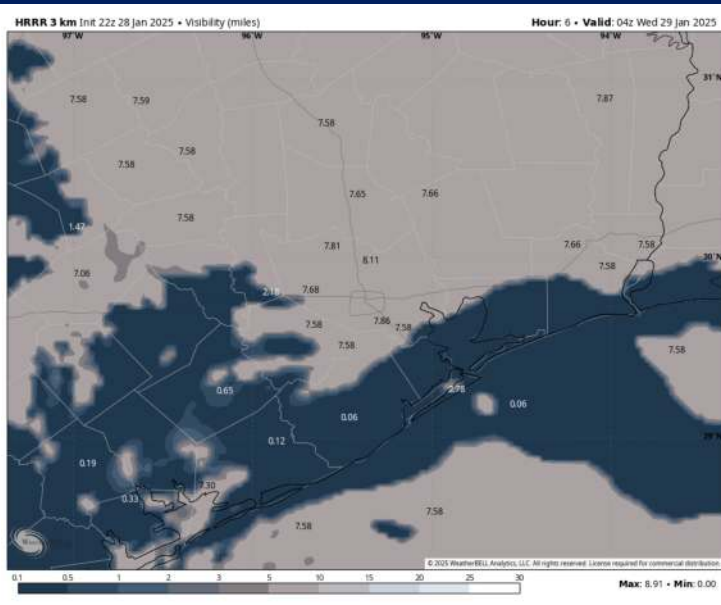
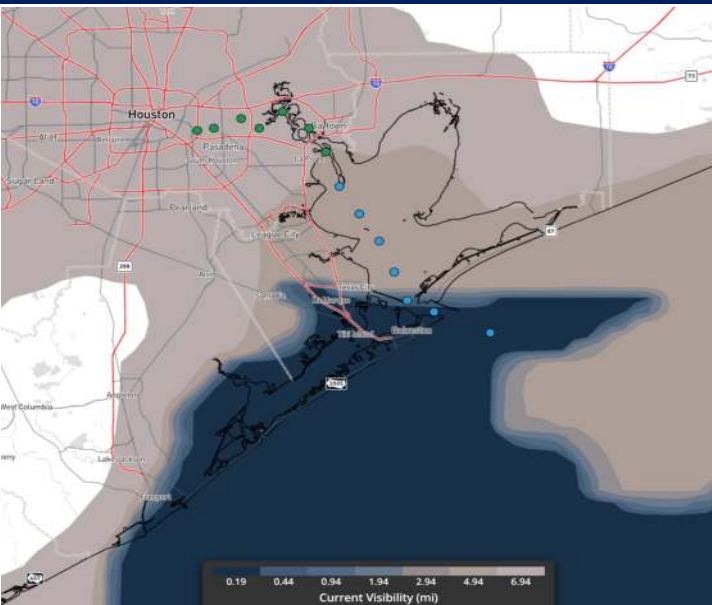
By 10AM FRI, we are favoring wave heights to be at or below 4ft.

Houston Pilots Visibility Report



CURRENT VISIBILITY (5:45 PM) 10 PM CST TUE VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 12 AM WED	Medium

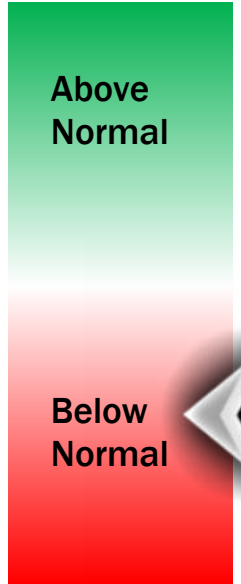
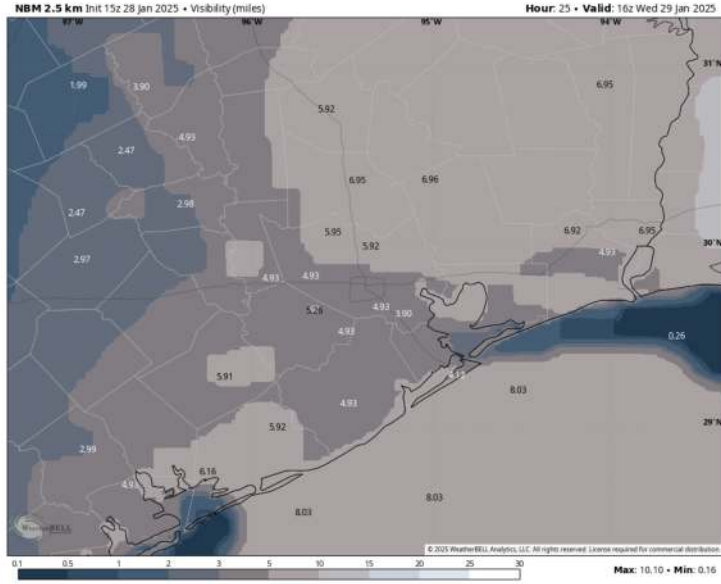
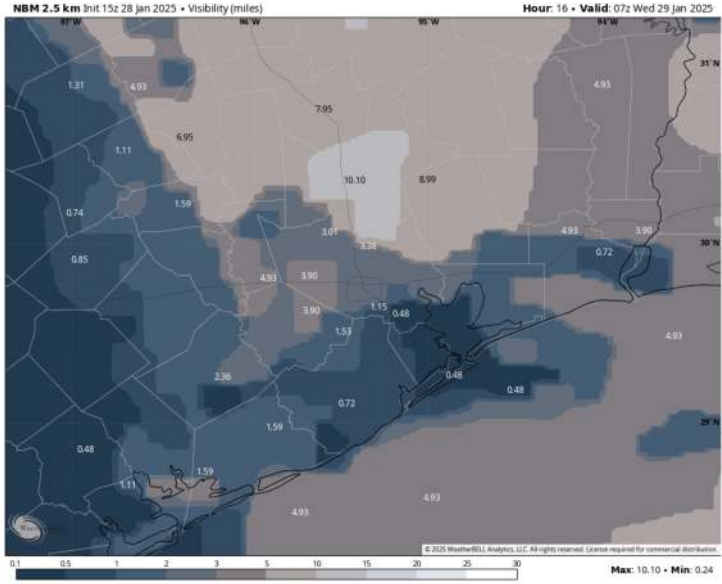
- Dense fog is beginning to build towards the Boarding Station and 11/12. In general, visibilities of less than 2 miles are favored through 7PM.
- After 7PM, more dense fog is expected to build into the Boarding Station and 11/12 with patches of <0.5-mile visibility to be likely.
- Dense fog with <0.5-mile visibilities will gradually expand northward, including Morgan's Point and all stations S by ~10PM, and including ALL stations by 12AM WED.
- Risk to the forecast is Dense fog arriving about an hour earlier than anticipated.
- See next slide for information on sea fog for Wednesday.

Houston Pilots Visibility Report



1 AM CST WED VISIBILITY 10 AM CST WED VISIBILITY

Confidence



- Visibilities are expected to be less than 0.5 miles for all stations through ~8AM. A few periods where visibility can improve to 1-3 miles can't be ruled out but will be short lived.
- After 8AM, fog is expected to gradually start to lift, starting with Stations N. of Morgan's Point, becoming patchier in nature rather than widespread.
- Once we get towards 10AM, patchy fog risks will remain in play N of 11/12 with reduced visibilities of 1-3 miles likely at least through 12PM. We'll need to watch for dense fog (<0.5) sticking around for stations 11/12 and the Boarding Station through at least 2PM.
- Confidence is slightly below normal in terms of exact timing.

TIMEFRAME DISCUSSED	THREAT
12AM - 2PM WED	Med - High

Houston Pilots Extended Range Visibility Report



Friday 1/31/25

No fog concerns for Friday.

Forecast Confidence



Saturday 2/1/25

No fog concerns for Saturday

Forecast Confidence



Sunday 2/2/25

Monitoring a patchy sea fog risk for Stations S of Morgan's Point SUN AM.

Forecast Confidence



Chance for Fog

Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Low-End
Sunday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	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	Wed 3 am	Wed 4 am	Wed 5 am	Wed 6 am	Wed 7 am	Wed 8 am	Wed 9 am	Wed 10 am	Wed 11 am	Wed 12 pm	Wed 1 pm	Wed 2 pm
Houston Pilots N - 610 Bridge	9	10	9	9	9	9	6.9	5.9	5.9	4.9	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.5	2.9	4.9	6.9	7.9
Houston Pilots M - Kinder 1	9	10	9	9	9	9	6.9	5.9	5.9	4.9	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.5	2.9	4.9	6.9	7.9
Houston Pilots L - Greens Bayou	9	10	9	9	9	9	7.9	5.9	5.9	5.9	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.5	2.9	4.9	6.9	7.9
Houston Pilots K - Shell Crude	9	10	9	7.9	7.9	9	6.9	5.9	5.9	4.9	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.5	2.9	4.9	6.9	7.9
Houston Pilots J - Lynchburg Ferries	9	10	9	9	9	9	7.9	6.9	5.9	5.9	2.5	1.1	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.5	2.9	4.9	6.9	7.9
Houston Pilots I - Exxon 3	9	10	9	9	7.9	9	6.9	5.9	5.9	4.9	0.7	1.1	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.5	2.9	4.9	6.9	7.9
Houston Pilots H - Morgans Point	7.9	9	9	7.9	7.9	9	6.9	5.9	5.9	2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.5	2.9	4.9	6.9	6.9
Houston Pilots G - 75/76	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.9	4.9	0.5	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.2	0.2	0.2	2.5	3.9	8	8
Houston Pilots F - 63/64	6.9	6.9	6.9	6.9	6.9	6.9	6.9	5.9	2	0.5	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.2	0.2	0.2	2.5	3.9	7	7
Houston Pilots E - 51/52	6.9	6.9	6.9	6.9	6.9	6.9	6.9	2.9	0.5	0.5	0.2	0.2	0.2	0.5	0.5	0.5	0.2	0.2	0.2	0.2	2.5	3.9	2.5	2.5
Houston Pilots D - 37/38	6.9	6.9	6.9	6.9	6.9	6.9	6.9	2.9	0.5	0.5	0.2	0.2	0.2	0.5	0.5	0.5	0.2	0.2	0.2	0.2	2.5	3.9	1.6	0.8
Houston Pilots C - 25/26	6.9	6.9	6.9	5.9	6.9	6.9	6.9	2.9	0.5	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.2	0.2	0.2	0.2	2.5	3.9	1.6	0.1
Houston Pilots B - 11/12	6.9	6.9	6.9	5.9	5.9	5.9	6.9	3.9	1.1	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.2	0.2	0.2	0.2	2.5	3.9	2	0.1
Houston Pilots A - 1 & 2 Bravo	5.9	6.9	5.9	4.9	4.9	4.9	5.9	3.9	2	0.5	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.2	0.2	0.2	2.5	3.9	5	5

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



Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE

Example

10
15
↙

Wind	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	Wed 3 am	Wed 4 am	Wed 5 am	Wed 6 am	Wed 7 am	Wed 8 am	Wed 9 am	Wed 10 am	Wed 11 am	Wed 12 pm	Wed 1 pm	Wed 2 pm
Houston Pilots N - 610 Bridge	6 12 ←	6 13 ←	6 12 ←	6 10 ←	6 10 ←	6 10 ←	5 10 ←	5 10 ←	5 10 ←	6 10 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 14 ←	7 15 ←	8 16 ←	8 17 ←	9 17 ←	9 18 ←	9 20 ←
Houston Pilots M - Kinder 1	6 12 ←	6 13 ←	6 12 ←	6 10 ←	6 10 ←	5 10 ←	5 9 ←	5 10 ←	5 10 ←	6 10 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 14 ←	7 15 ←	8 16 ←	8 17 ←	9 17 ←	9 18 ←	9 20 ←
Houston Pilots L - Greens Bayou	6 12 ←	6 13 ←	6 12 ←	6 10 ←	6 10 ←	5 9 ←	5 9 ←	5 10 ←	5 10 ←	5 10 ←	6 10 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 13 ←	6 13 ←	6 14 ←	7 15 ←	8 16 ←	8 17 ←	9 17 ←	9 18 ←	9 20 ←
Houston Pilots K - Shell Crude	6 12 ←	6 13 ←	6 12 ←	6 10 ←	6 10 ←	5 9 ←	5 9 ←	5 10 ←	5 10 ←	5 10 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 14 ←	7 15 ←	8 16 ←	8 17 ←	9 17 ←	9 18 ←	9 20 ←
Houston Pilots J - Lynchburg Ferries	6 10 ←	6 12 ←	6 10 ←	6 9 ←	5 9 ←	5 8 ←	5 9 ←	5 9 ←	5 9 ←	5 9 ←	5 10 ←	5 10 ←	5 10 ←	6 12 ←	6 12 ←	6 13 ←	6 13 ←	6 14 ←	7 14 ←	7 15 ←	8 17 ←	9 17 ←	9 17 ←	9 20 ←
Houston Pilots I - Exxon 3	7 12 ←	7 13 ←	7 12 ←	7 12 ←	7 12 ←	7 10 ←	7 10 ←	8 12 ←	8 12 ←	8 12 ←	8 12 ←	8 13 ←	8 13 ←	8 13 ←	8 14 ←	8 14 ←	8 14 ←	9 14 ←	9 15 ←	9 16 ←	10 17 ←	10 17 ←	10 18 ←	10 20 ←
Houston Pilots H - Morgans Point	7 12 ←	7 13 ←	7 12 ←	7 12 ←	7 12 ←	7 10 ←	7 10 ←	8 12 ←	8 12 ←	8 12 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	8 14 ←	8 14 ←	8 14 ←	9 14 ←	9 15 ←	9 16 ←	10 17 ←	10 17 ←	10 18 ←	10 20 ←
Houston Pilots G - 75/76	7 13 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	8 12 ←	8 13 ←	8 13 ←	9 13 ←	9 14 ←	9 14 ←	10 14 ←	10 15 ←	10 15 ←	10 15 ←	10 15 ←	10 16 ←	10 16 ←	10 17 ←	10 17 ←	10 18 ←	10 18 ←	10 20 ←
Houston Pilots F - 63/64	7 13 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	9 13 ←	9 14 ←	9 14 ←	10 14 ←	10 15 ←	10 15 ←	10 15 ←	10 16 ←	10 16 ←	10 17 ←	10 17 ←	10 17 ←	10 18 ←	10 18 ←	10 20 ←
Houston Pilots E - 51/52	8 14 ←	8 14 ←	8 14 ←	8 14 ←	9 14 ←	8 13 ←	9 13 ←	9 13 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	10 14 ←	10 15 ←	10 15 ←	10 15 ←	10 16 ←	10 16 ←	10 17 ←	10 17 ←	10 17 ←	10 18 ←	10 18 ←	10 20 ←
Houston Pilots D - 37/38	8 15 ←	8 14 ←	8 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	10 15 ←	10 15 ←	10 15 ←	10 16 ←	10 16 ←	10 17 ←	10 17 ←	10 17 ←	10 18 ←	10 18 ←	10 20 ←
Houston Pilots C - 25/26	9 15 ←	9 15 ←	9 15 ←	9 15 ←	9 15 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	9 15 ←	9 15 ←	9 15 ←	9 16 ←	10 16 ←	10 16 ←	10 17 ←	10 17 ←	10 17 ←	10 18 ←	10 20 ←
Houston Pilots B - 11/12	9 15 ←	9 15 ←	9 15 ←	9 15 ←	9 15 ←	8 14 ←	8 14 ←	8 14 ←	8 14 ←	8 14 ←	8 14 ←	8 15 ←	8 15 ←	9 15 ←	9 15 ←	9 15 ←	9 16 ←	10 16 ←	10 16 ←	10 17 ←	10 17 ←	10 17 ←	10 17 ←	10 18 ←
Houston Pilots A - 1 & 2 Bravo	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 17 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	12 17 ←	12 16 ←	12 16 ←	12 17 ←	12 17 ←	12 17 ←	13 17 ←	13 18 ←	13 18 ←	13 20 ←

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Houston Pilots: TUE. 1/28/2025



Forecast Discussion

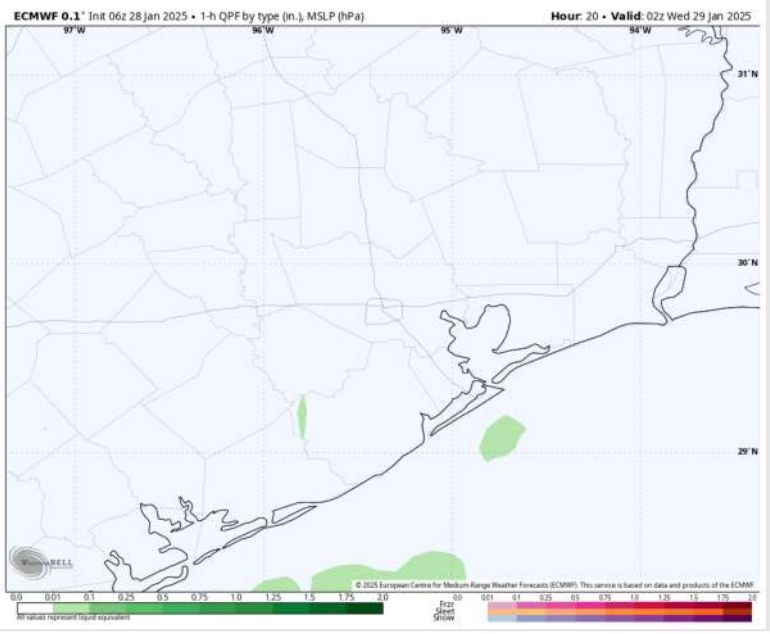
Precip: Isolated (10%) chance for a shower from 6 – 11 PM. Otherwise, foggy/misty conditions will persist at the Boarding Station and Station 11/12.

Wind: Winds will be out of the E/SE for the rest of the day. **N of Morgan's Point:** Winds will be at 3 – 8 kts throughout the day. **S of Morgan's Point:** Winds will be at 5 – 10 kts throughout the remainder of the day.

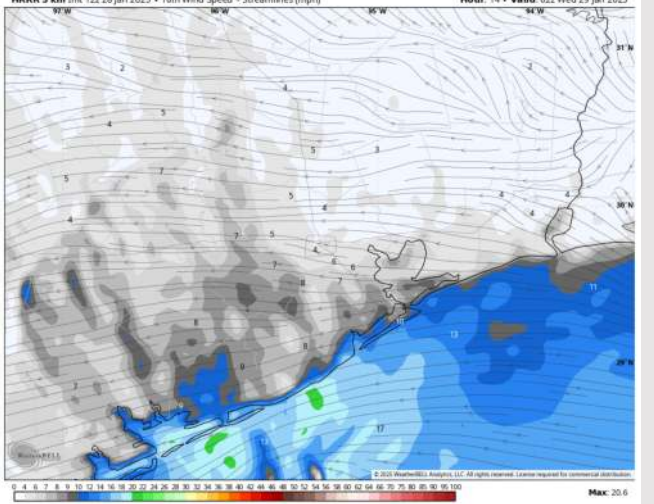
Low Temps: **N of Morgan's Point:** Mid 50s F. **S of Morgan's Point:** Mid 50s F.

Visibility: Monitoring sea-fog throughout the afternoon and becoming more widespread by this evening. See visibility slide for more details!

Precip Image: 8 PM CT

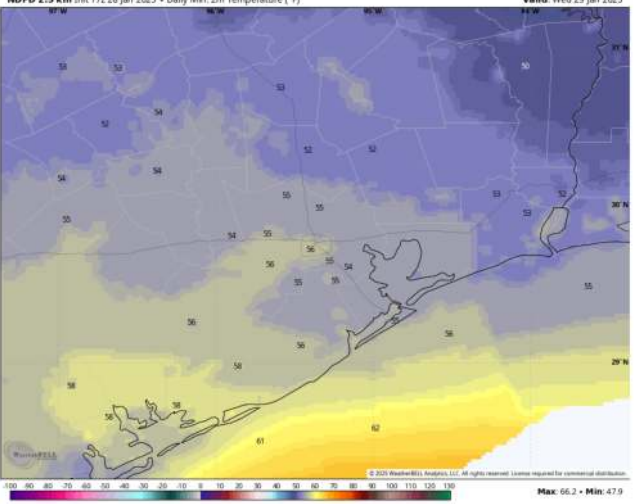


HRRR 3 km Init 12Z 28 Jan 2025 • 10m Wind Speed • Streamlines (mph) Hour: 14 • Valid: 02Z Wed 29 Jan 2025



Wind Speed:
8 PM CT

NDFD 2.5 km Init 17z 28 Jan 2025 • Daily Min. 2m Temperature (°F) Valid: Wed 29 Jan 2025



Low Temps
WED AM

Houston Pilots: WED. 1/29/2025



Forecast Discussion

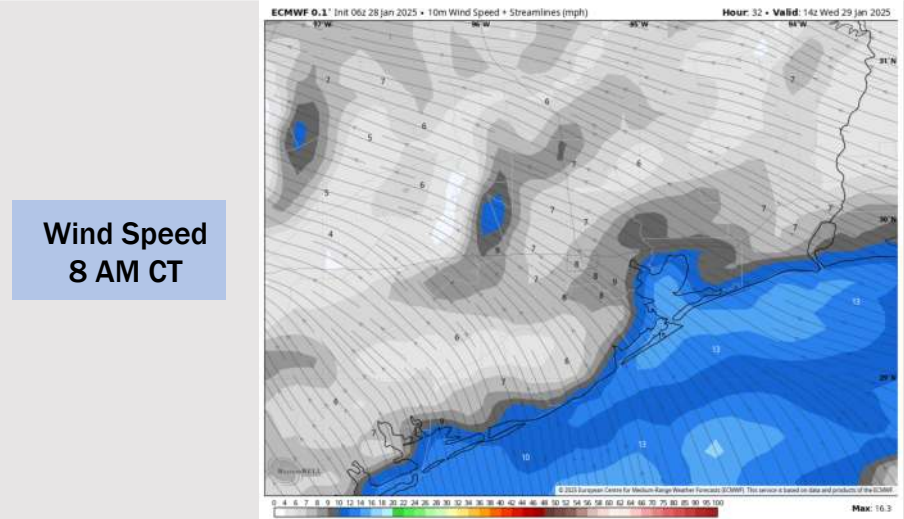
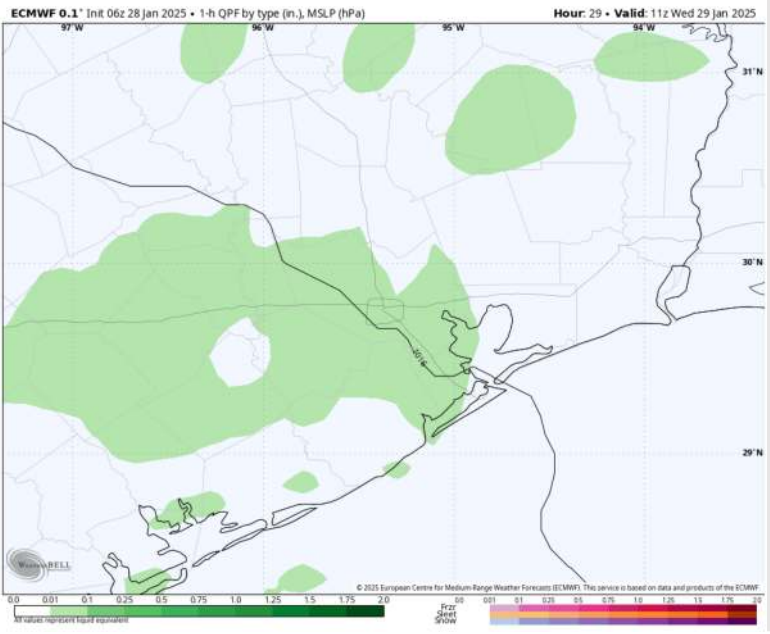
Precip: Scattered showers (20-30%) will be possible from 2AM – 11AM before clearing out.

Wind: Winds will be out of the SE throughout the day. **N of Morgan's Point:** Winds will be at 4 – 9 kts through Wednesday. **S of Morgan's Point:** Winds will be at 5 – 10 kts through 8AM, increasing slightly to 8 – 13 kts after that time.

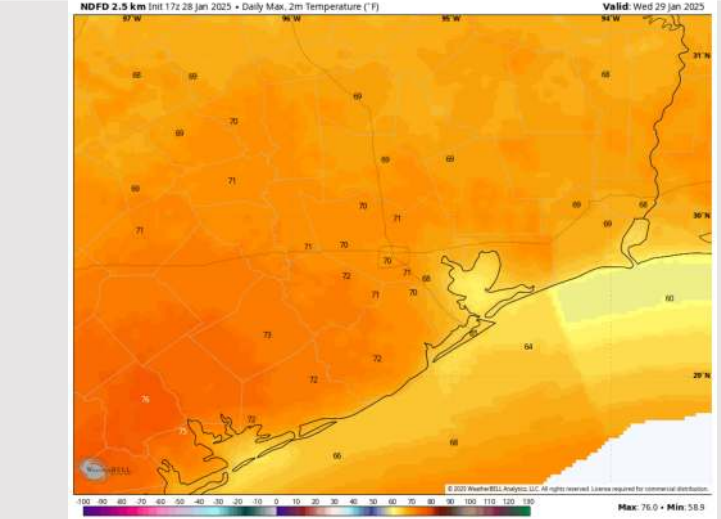
High Temps: **N of Morgan's Point:** Upper 60s to low 70s F. **S of Morgan's Point:** Low to mid 60s F.

Visibility: Monitoring dense sea-fog through ~12PM. And another round in the PM. See visibility slides for more information!

Precip Image: 5 AM CT



Wind Speed
8 AM CT



High Temps
Wednesday

Houston Pilots: THU. 1/30/2025



Forecast Discussion

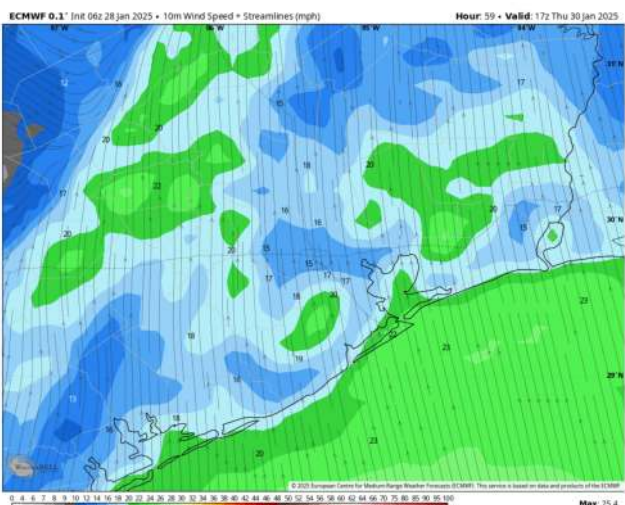
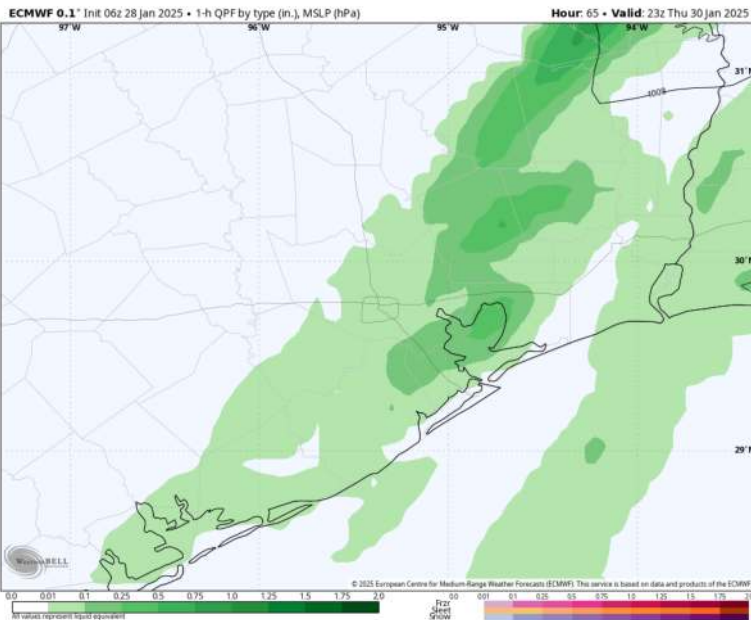
Precip: Favoring rain showers to move in after 12PM and lingering through 7PM. A few storms, some strong, will be possible from 4PM - 7PM as the front pushes through.

Wind: Winds will be out of the S/SE through 2 PM, shifting clockwise out of the W/SW by 8 PM. **N of Morgan's Point:** Winds will be at 4 - 9 kts through 5 AM, increasing to 10 - 15 kts after that time, then decreasing to 2 - 7 kts after 6 PM. **S of Morgan's Point:** Winds will be 10 - 15 kts through 4 AM, increasing to 18 - 23 kts after that time, then decreasing to 7 - 12 kts after 7 PM. **Wind gusts of 20 - 25 kts in play for all Stations from 12AM to 7PM. From 10AM to 5PM wind gusts will increase to 30 - 35 kts from all Stations.**

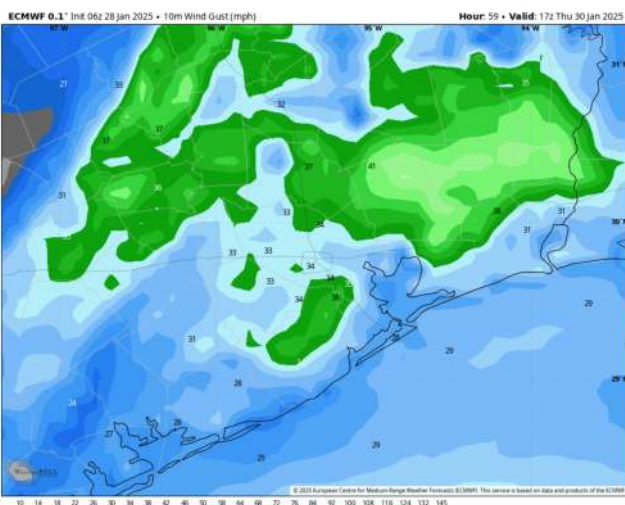
High Temps: **N of Morgan's Point:** Low 70s F. **S of Morgan's Point:** Mid to low 60s F.

Visibility: Monitoring a dense sea fog risk for Stations S of Morgan's Point THU AM prior to the arrival of scattered showers.

Precip Image: 5 PM CT



Wind Speed:
11 AM CT

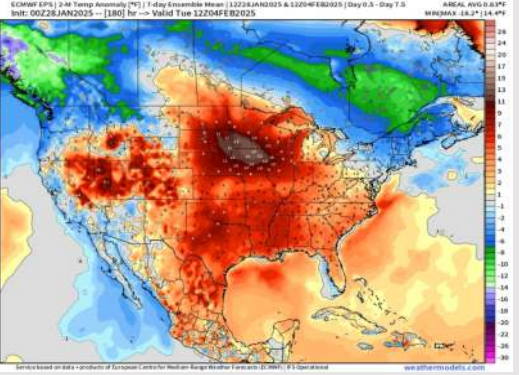


Peak Wind
GUSTS

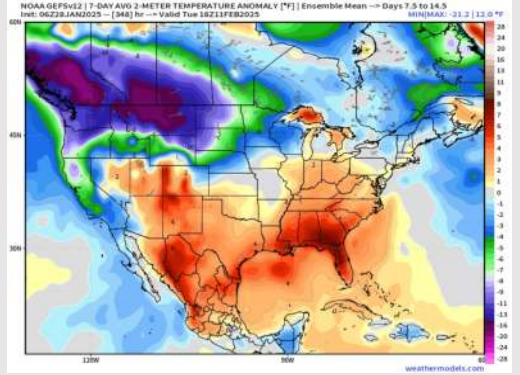
Houston Pilots: 1/28/25



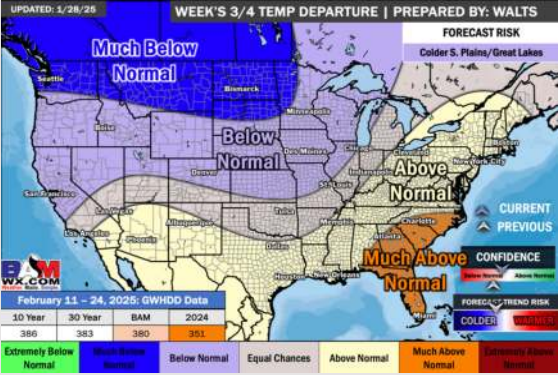
Next 7 Day Temperature Departure



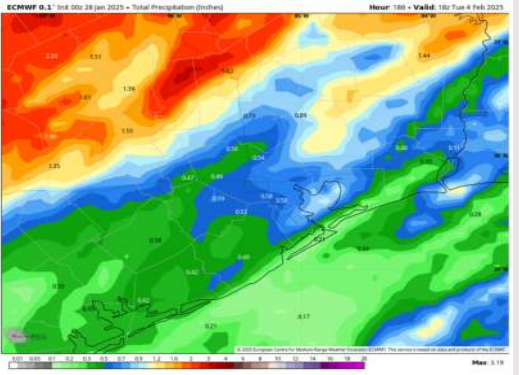
8-14 Day Temperature Departure



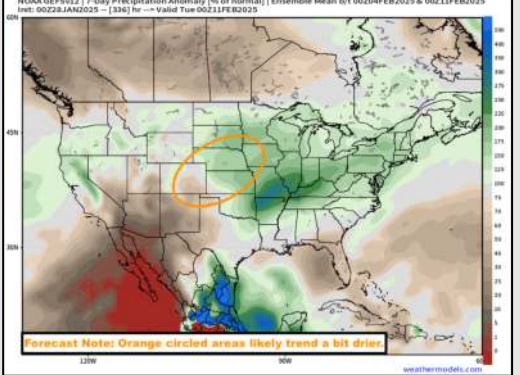
15-30 Day Temperature Departure



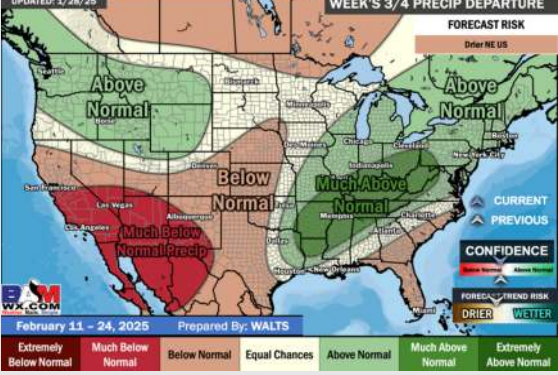
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be above normal for the week ahead. Favoring scattered rain showers throughout the week, with drier conditions by the weekend.
- Above normal temp and near normal rainfall are expected for week 2.
- Above normal temperatures and near normal precipitation chances are expected for the weeks 3/4 timeframe.