

# Houston Pilots Forecast Package

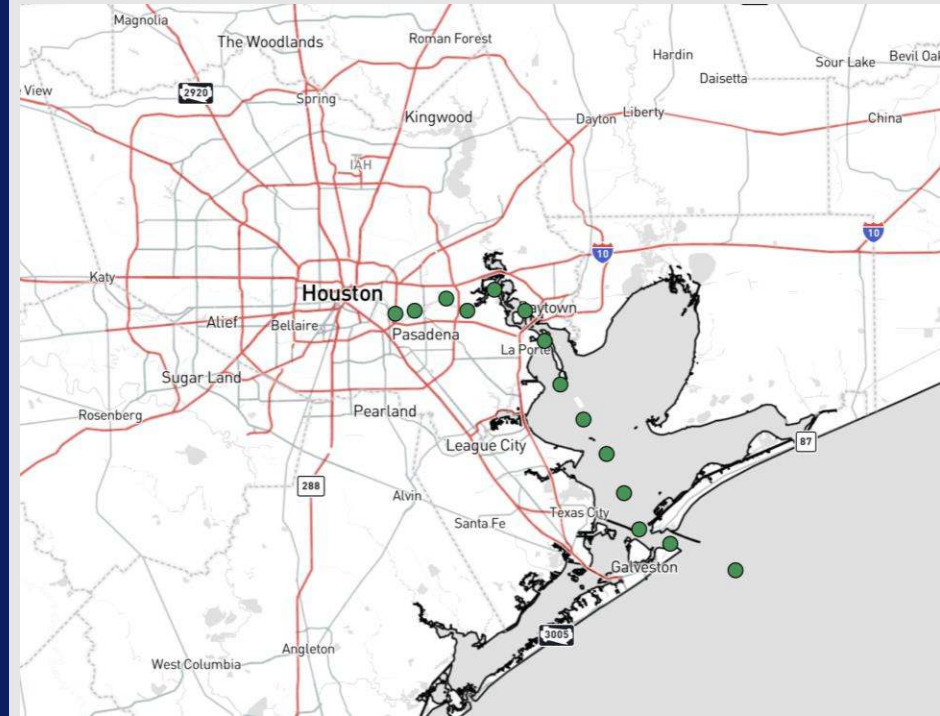


Updated: 12:45 PM CT  
Friday, January 3, 2025

Forecaster: Alyssa Elliott

## Weather Headlines

- **Elevated winds will bring the risk of wave heights of 6'+ come Sunday AM. Check the wave height slide for more info! VIDEO update as of 8 AM CT FRI.**
- **Keeping an eye on a patchy dense fog risk S of Morgan's Point SAT PM into early SUN AM.**
- **Sunday will bring the risk of strong/severe thunderstorms for all stations.**



**Current Radar: 12:00 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



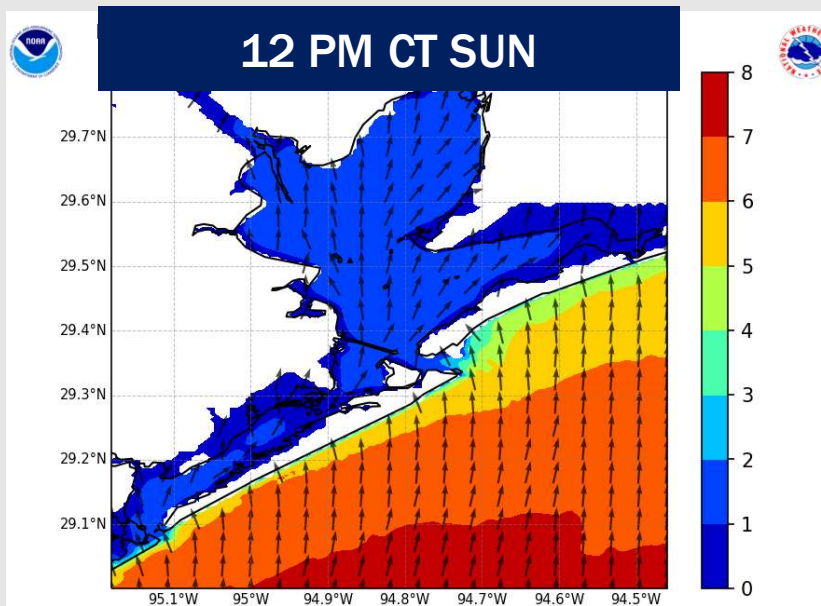
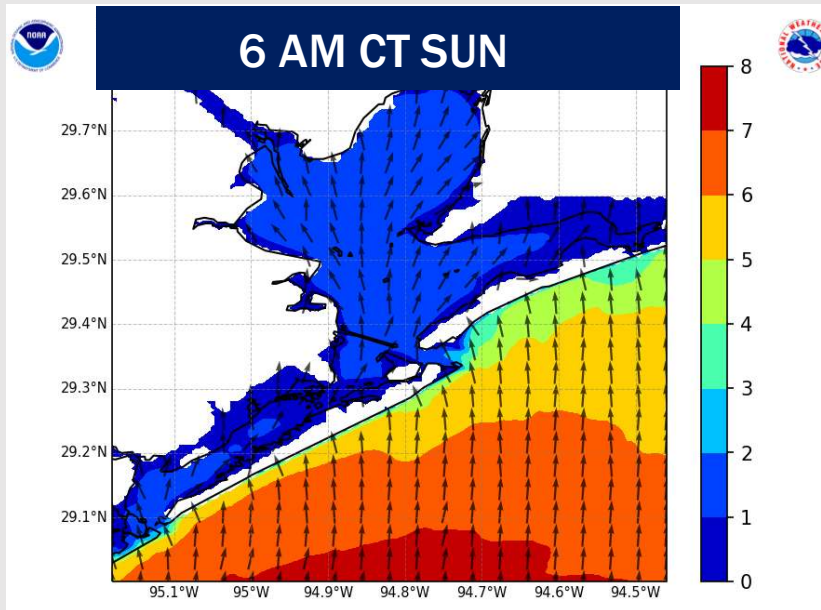
Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	---	---	---
X-Ray	---	<b>CURRENT</b>	<b>SAT 6 AM</b>
Yankee	---	<b>SAT 6 AM</b>	<b>SAT 6 PM</b>
Zulu	---	<b>SAT 6 PM</b>	<b>SUN 9 PM</b>

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

**NOTES:** The potential for wave heights at the Boarding Station to reach 6+ ft will be possible beginning at 6 AM Sunday lasting through 9 PM Sunday.

*Sustained winds are NOT favored to reach to 36 kts through the weekend.*

# Wave Height Forecast Update



Slightly elevated, sustained winds out of the S/SE will cause elevated wave heights SUN. The threat is favored to remain for only the Boarding Station.

Expecting wave heights to begin to quickly increase after 3 AM SUN reaching 5 – 6 ft by 6 AM.

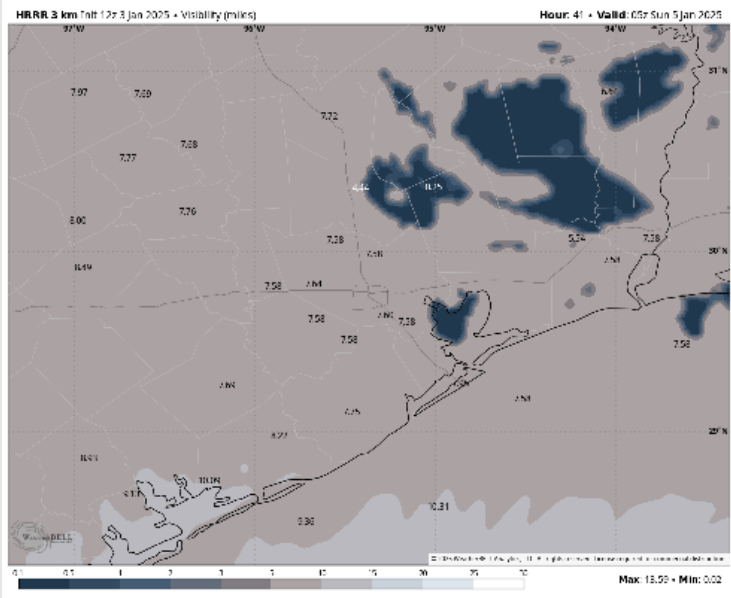
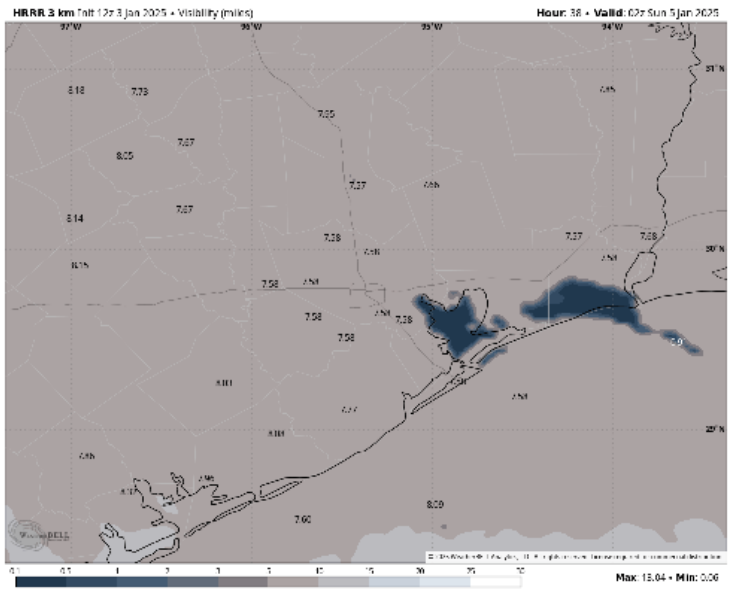
Favoring peak wave heights to be between 9 AM – 12 PM with wave heights of 6 – 7 ft.

After 3 PM wave heights will slowly decrease, dipping below 6 ft by 9 PM SUN and 4 ft or less by 9 AM MON.

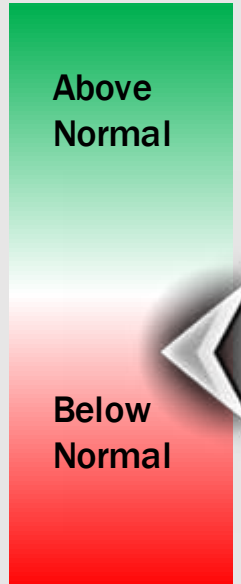
# Houston Pilots Visibility Report



## 8 PM CST SAT VISIBILITY      11 PM CST SAT VISIBILITY



## Confidence



TIMEFRAME DISCUSSED	THREAT
7 PM SAT to 1 AM SUN	Medium

- Watching for a patchy dense fog risk for stations S of Morgan's Point beginning as early as 7 PM Saturday as winds shift to be out of the SE. Stations N of Morgan's Point not expected to have impacts.
- Visibility is favored to be reduced to 1 – 2 miles for stations S of Morgan's Point. Anticipating the greatest coverage / risk for dense fog with visibility at 0.5 mile or less to be between Morgan's Point and station 37/38.
- Favoring this fog threat clears out of the area by 1 AM Sunday as winds become more southerly.

# Houston Pilots Extended Range Visibility Report



## Monday 1/6/24

No fog concerns for Monday.

### Forecast Confidence



## Wednesday 1/8/25

No fog concerns for Wednesday.

### Forecast Confidence



## Tuesday 1/7/25

No fog concerns for Tuesday.

### Forecast Confidence



## 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



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

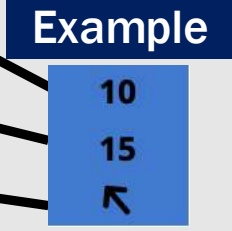
# Houston Pilots Wind Chart



## Forecast Confidence



Sustained wind 10 Knots  
Gusts 15 Knots  
Wind from the SE



Wind	Fri 2 pm	Fri 3 pm	Fri 4 pm	Fri 5 pm	Fri 6 pm	Fri 7 pm	Fri 8 pm	Fri 9 pm	Fri 10 pm	Fri 11 pm	Sat 12 am	Sat 1 am	Sat 2 am	Sat 3 am	Sat 4 am	Sat 5 am	Sat 6 am	Sat 7 am	Sat 8 am	Sat 9 am	Sat 10 am	Sat 11 am	Sat 12 pm	Sat 1 pm	
Houston Pilots N - 610 Bridge	8 16 ←	8 16 ←	7 15 ←	7 15 ←	6 13 ←	6 12 ←	6 12 ←	6 12 ←	6 12 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	8 15 ←	8 15 ←	8 16 ←
Houston Pilots M - Kinder 1	8 16 ←	8 16 ←	7 15 ←	7 15 ←	6 13 ←	6 12 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 12 ←	6 13 ←	6 13 ←	6 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	7 14 ←	8 15 ←	8 15 ←	8 16 ←
Houston Pilots L - Greens Bayou	8 16 ←	8 15 ←	7 15 ←	7 15 ←	6 13 ←	6 12 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 12 ←	6 13 ←	6 13 ←	6 14 ←	7 14 ←	7 14 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	8 15 ←	8 15 ←	8 16 ←
Houston Pilots K - Shell Crude	8 16 ←	8 15 ←	8 15 ←	8 15 ←	7 14 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 13 ←	6 12 ←	6 13 ←	6 14 ←	7 14 ←	7 14 ←	7 15 ←	7 15 ←	8 15 ←	8 15 ←	8 15 ←	8 15 ←	8 15 ←	8 15 ←	8 16 ←	8 16 ←
Houston Pilots J - Lynchburg Ferries	8 16 ←	8 15 ←	7 15 ←	7 14 ←	6 13 ←	6 12 ←	6 10 ←	6 12 ←	6 12 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 14 ←	7 14 ←	7 14 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	8 15 ←	8 15 ←	8 16 ←
Houston Pilots I - Exxon 3	9 17 ←	9 16 ←	9 15 ←	9 15 ←	8 15 ←	8 14 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	9 14 ←	9 15 ←	10 15 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	9 16 ←	9 16 ←
Houston Pilots H - Morgans Point	10 17 ←	9 17 ←	9 16 ←	9 15 ←	8 15 ←	8 14 ←	8 14 ←	8 13 ←	8 13 ←	9 14 ←	9 14 ←	10 15 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	10 16 ←	9 16 ←	9 16 ←
Houston Pilots G - 75/76	10 18 ←	10 17 ←	10 17 ←	10 16 ←	10 15 ←	10 15 ←	10 15 ←	10 15 ←	10 15 ←	10 16 ←	12 16 ←	12 17 ←	13 17 ←	13 17 ←	13 18 ←	13 20 ←	13 20 ←	13 18 ←	13 18 ←	13 18 ←	13 18 ←	12 17 ←	10 17 ←	10 17 ←	10 17 ←
Houston Pilots F - 63/64	10 18 ←	10 17 ←	10 17 ←	10 16 ←	10 15 ←	10 15 ←	10 15 ←	10 15 ←	10 15 ←	10 16 ←	12 17 ←	13 17 ←	13 17 ←	13 17 ←	13 20 ←	14 20 ←	14 20 ←	14 20 ←	13 20 ←	13 18 ←	13 18 ←	12 17 ←	10 17 ←	10 17 ←	10 17 ←
Houston Pilots E - 51/52	10 20 ←	10 18 ←	10 17 ←	10 17 ←	10 16 ←	10 15 ←	10 15 ←	10 16 ←	10 16 ←	12 16 ←	12 17 ←	13 17 ←	13 17 ←	13 18 ←	13 20 ←	13 20 ←	13 20 ←	13 20 ←	13 20 ←	13 18 ←	13 18 ←	12 17 ←	10 17 ←	10 17 ←	10 17 ←
Houston Pilots D - 37/38	13 21 ←	12 20 ←	12 18 ←	12 18 ←	12 17 ←	10 16 ←	10 16 ←	10 16 ←	12 17 ←	12 17 ←	12 17 ←	13 18 ←	13 17 ←	13 18 ←	13 20 ←	13 20 ←	13 20 ←	13 20 ←	13 20 ←	13 18 ←	13 18 ←	12 17 ←	10 17 ←	10 17 ←	10 17 ←
Houston Pilots C - 25/26	13 21 ←	13 21 ←	13 20 ←	13 18 ←	12 18 ←	12 17 ←	12 17 ←	12 17 ←	12 17 ←	12 18 ←	12 18 ←	13 18 ←	13 18 ←	13 18 ←	13 20 ←	13 20 ←	13 20 ←	13 20 ←	13 20 ←	13 18 ←	13 18 ←	12 17 ←	10 17 ←	10 17 ←	10 17 ←
Houston Pilots B - 11/12	13 21 ←	13 21 ←	13 20 ←	13 20 ←	12 18 ←	10 17 ←	10 17 ←	10 18 ←	10 18 ←	10 18 ←	12 18 ←	12 20 ←	12 18 ←	12 18 ←	12 20 ←	12 20 ←	12 20 ←	12 20 ←	12 18 ←	12 18 ←	12 17 ←	10 17 ←	10 16 ←	10 16 ←	10 16 ←
Houston Pilots A - 1 & 2 Bravo	15 23 ←	15 22 ←	15 22 ←	15 22 ←	14 21 ←	14 21 ←	14 21 ←	14 21 ←	14 21 ←	15 21 ←	15 21 ←	15 21 ←	15 21 ←	15 21 ←	15 21 ←	15 21 ←	15 20 ←	14 20 ←	14 20 ←	13 20 ←	13 20 ←	13 18 ←	12 17 ←	10 17 ←	10 17 ←

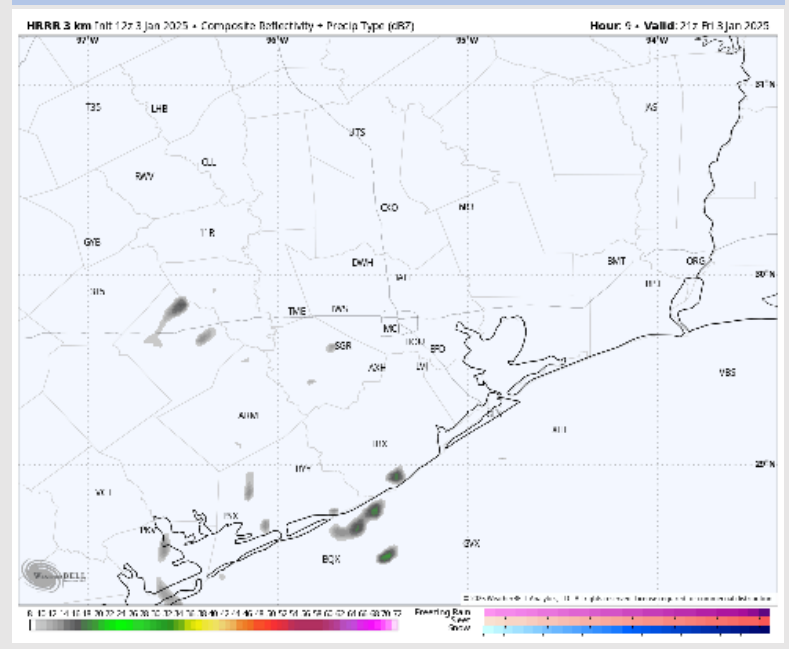
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# Houston Pilots: FRI. 1/3/2025

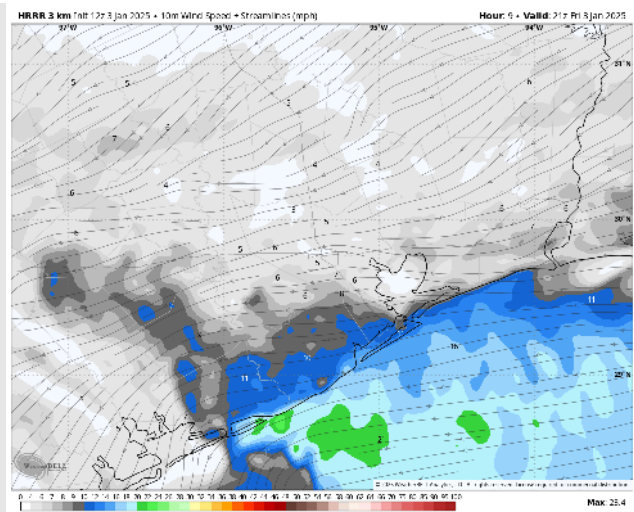
## Forecast Discussion

- Precip:** Favoring dry conditions through the rest of the PM.
- Wind:** Winds will generally be out of the E through the PM.  
**N of Morgan's Point:** Winds will be at 2 – 7 kts throughout the PM.  
**S of Morgan's Point:** Winds will be at 10 – 15 kts through PM with winds reaching ~20 kts at the Boarding Station.
- Low Temps:** **N of Morgan's Point:** Upper 50s F. **S of Morgan's Point:** Low 60s F
- Visibility:** Not anticipating any visibility concerns this PM.

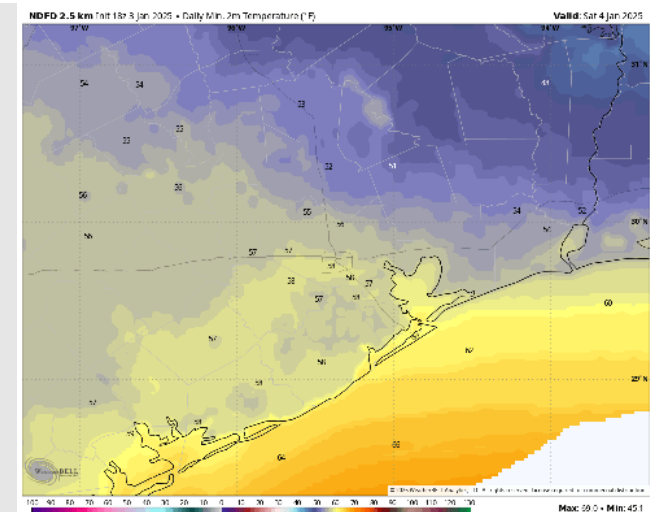
## Precip Image: 3 PM CT



Wind Speed:  
3 PM CT



Low Temps  
SAT AM





# Houston Pilots: SAT. 1/4/2025



## Forecast Discussion

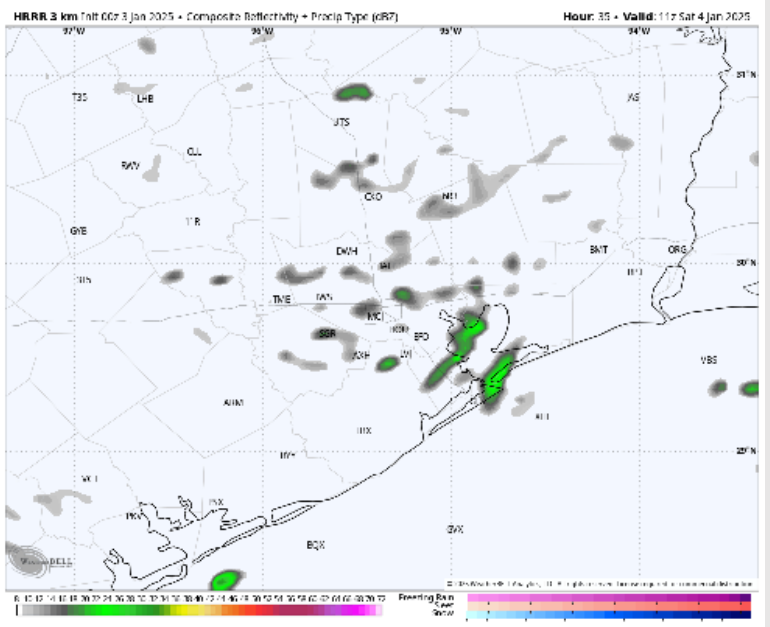
**Precip:** Isolated (20%) rain showers are possible through 6 PM before conditions dry out for the rest of SAT.

**Wind:** Winds will be out of the E / SE through the entire day. **N of Morgan's Point:** Winds will be 3 – 8 kts throughout Saturday. **S of Morgan's Point:** Winds will be at 13 – 18 kts through 12 PM before decreasing to 7 – 12 kts for the rest of Saturday.

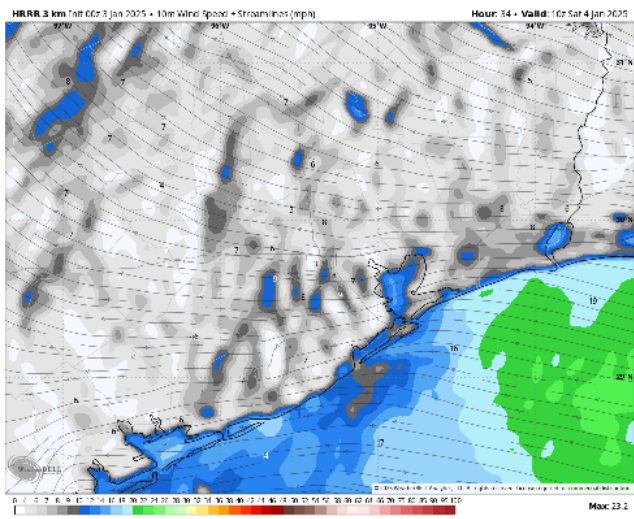
**High Temps:** **N of Morgan's Point:** Low 70 F. **S of Morgan's Point:** upper 60's near 70 F.

**Visibility:** Watching for a very localized sea fog risks for all stations S of Morgan's Point Saturday PM due to SE winds. See visibility slide.

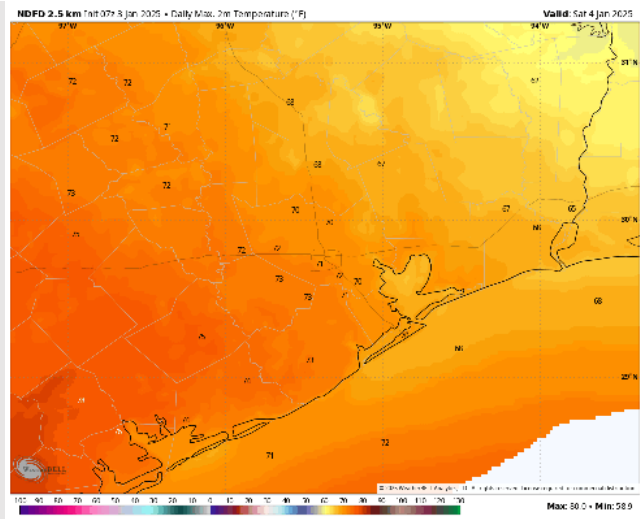
## Precip Image: 5 AM CT



Wind Speed:  
4 AM CT



High Temps  
Saturday



# Houston Pilots: SUN. 1/5/2025



## Forecast Discussion

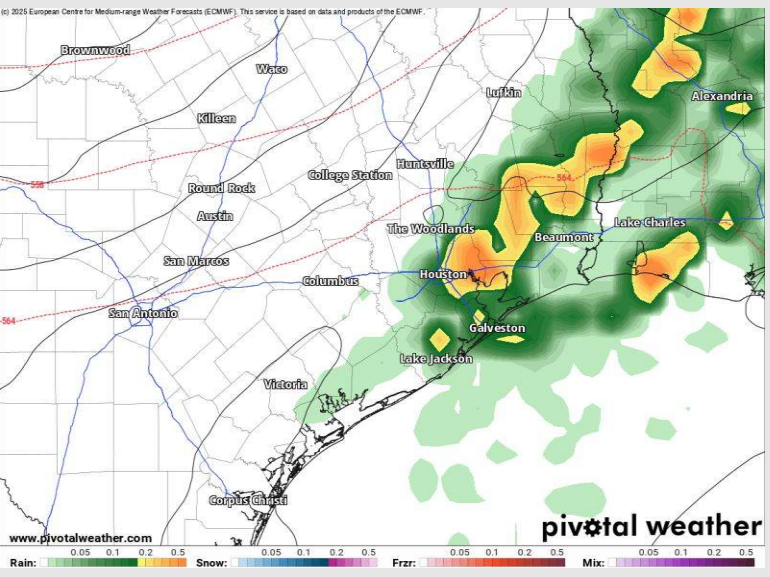
**Precip:** Beginning at 6 AM light showers will be possible through 12 PM before a line of strong/severe storms work in through 6 PM before rain chances exit for the day. **Risks will be for wind gusts of 45-55 kts, small hail, and an isolated tornado risk.**

**Wind:** Winds will be out of the SW through 6 PM before shifting to be out of the N/NW for the rest of the day. **N of Morgan's Point:** Winds will be at 8 – 13 kts throughout the day. **S of Morgan's Point:** Winds will be at 15 – 20 kts through 6 PM before winds increase to 25 – 30 kts for the rest of the day. **Non-thunderstorm wind gusts of 20 – 25 kts possible for all stations throughout Sunday. After 6 PM wind gusts of 30 kts will be possible for the boarding station.**

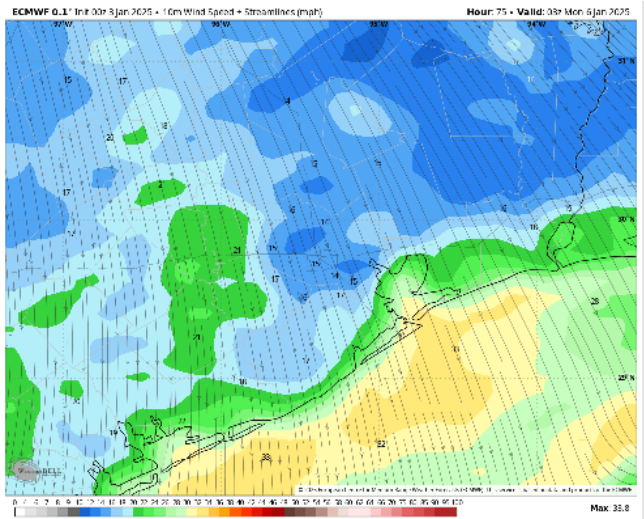
**High Temps:** **N of Morgan's Point:** Mid-70s F. **S of Morgan's Point:** Low 70s F.

**Visibility:** No fog concerns on Sunday, however, <1.0 mile visibility will be possible as thunderstorms work through.

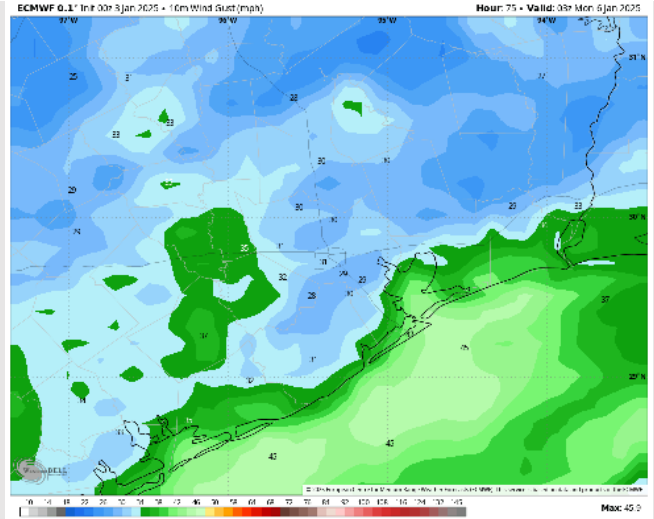
## Precip Image: 3 PM CT



Wind Speed  
9 PM CT



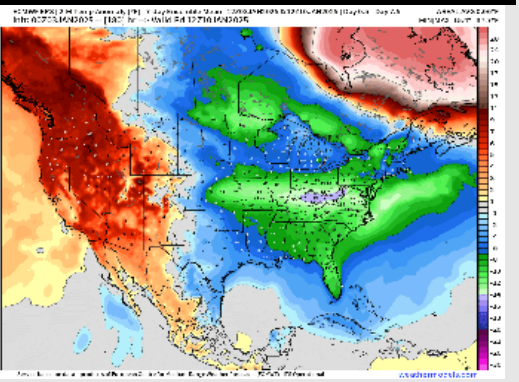
Max Wind  
Gusts Sunday



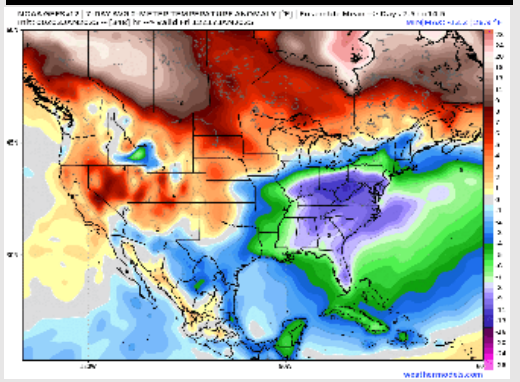
# Houston Pilots: 1/3/2025



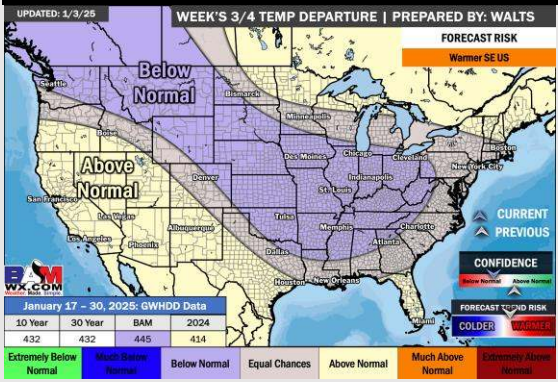
**Next 7 Day Temperature Departure**



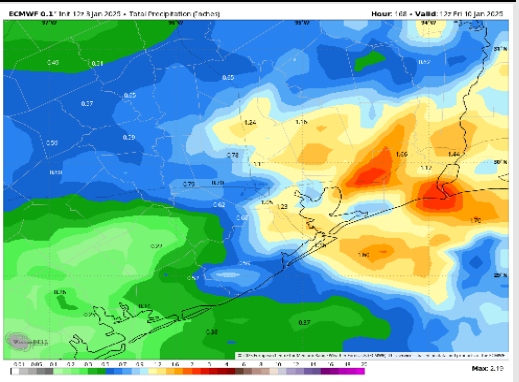
**8-14 Day Temperature Departure**



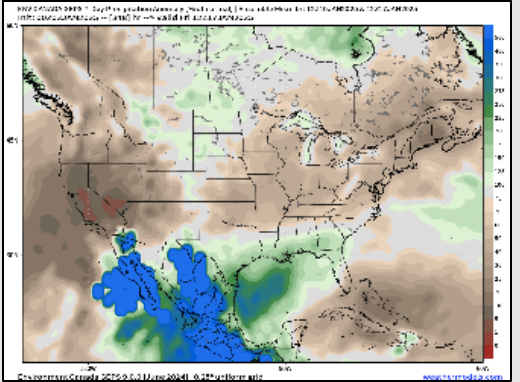
**15-30 Day Temperature Departure**



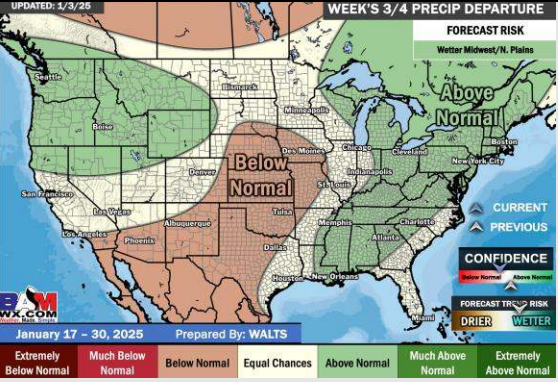
**Next 7 Day Total Precipitation**



**8-14 Day % of Average Precip.**



**15-30 Day % of Average Precip.**



- Temps are expected to be below normal for the week 1 timeframe. Rain favored over the weekend and then drier conditions in play for the start of next week.
- Below normal temperatures and above normal rainfall are expected for week 2.
- Above normal temperatures and near normal precipitation chances are expected for the weeks 3/4 timeframe.