

# Houston Pilots Forecast Package



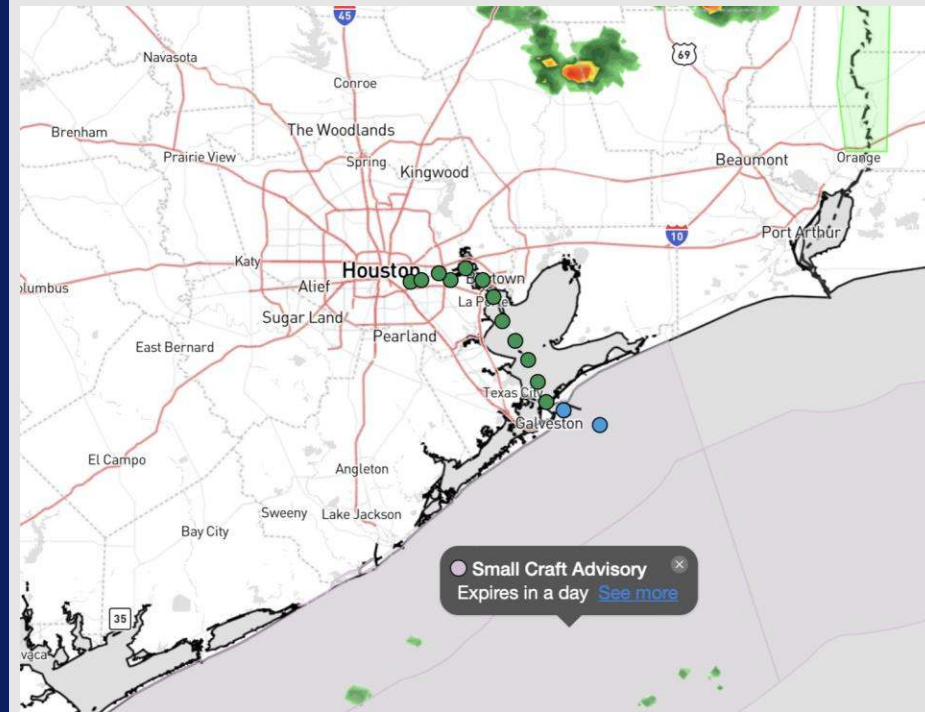
Updated: 3:15 PM CT

Friday, February 14, 2025

Forecaster: Alyssa Elliott

## Weather Headlines

- **Zulu Port Trigger is in effect due to Wave Heights reaching the 5 – 6' range by ~9 AM SAT.** See Port Trigger Slide and Wave Height slide for more details.
- **Watching for a low-end fog risk late TONIGHT into early SAT.** Confidence overall is low on this threat.
- **Watching for the potential of strong to locally severe storms on Saturday PM.**



**Current Radar: 3:00 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	---	---	PAST
Yankee	---	---	PAST
Zulu	---	<b>9 PM FRI</b>	<b>3 PM SAT</b>

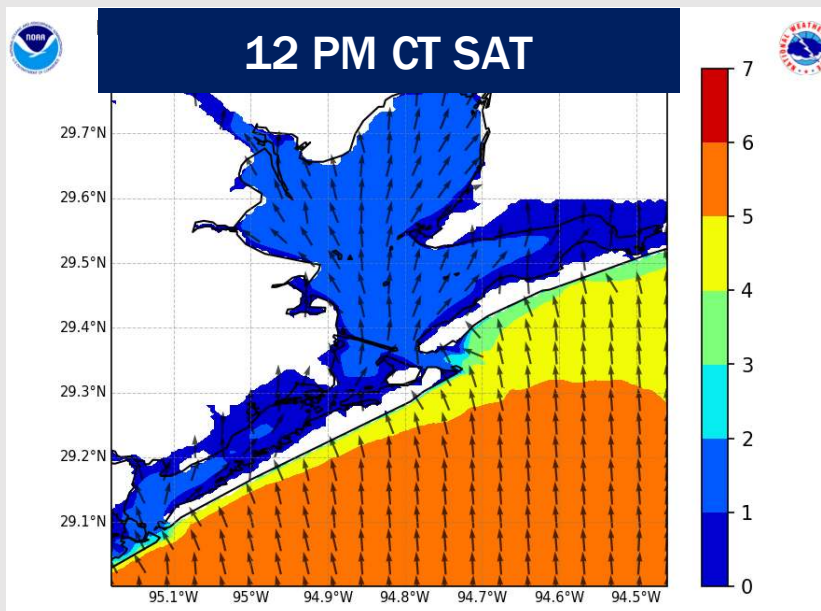
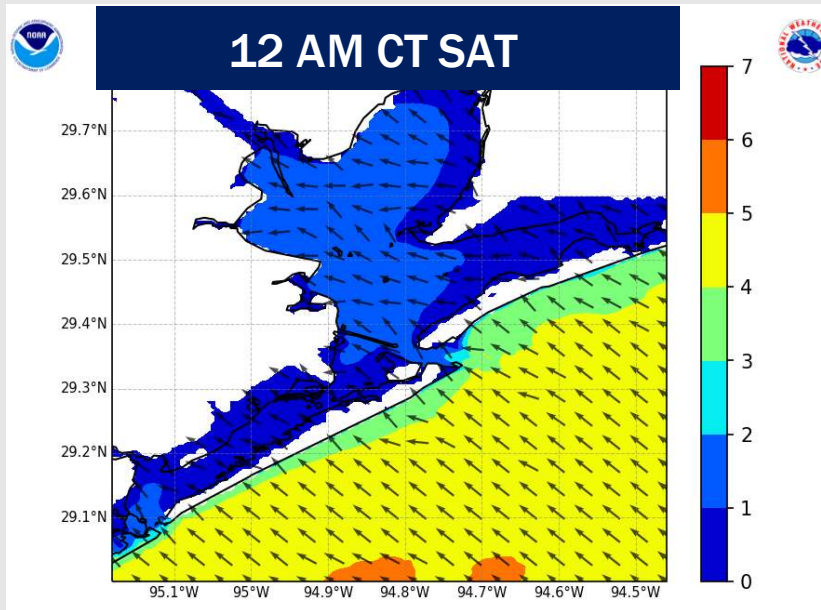
Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	<b>N/A</b>
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	<b>N/A</b>
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or <b>6' wave height</b>	<b>PAST</b>
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or <b>6' wave height</b>	<b>PAST</b>
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or <b>6' wave height</b>	<b>YES</b>

**NOTES:**

Expecting an increase in wave height moving into the overnight into SAT AM. The Zulu trigger is expected to begin at 9 PM this evening as **wave heights are expected to reach the 5 - 6' range at the Boarding Station by 9 AM SAT.**

This **threat will continue until 3 PM SAT** with wave heights on a gradual decrease through early SUN AM.

# Wave Height Forecast Update



Monitoring a risk for choppy waters / an increase in wave heights for the Boarding Station late this PM into Saturday.

By 12 AM SAT, wave heights at the Boarding Station will reach 4 - 5'.

Wave heights will continue to risk through the AM.

**The greatest risk will be from 9AM - 3 PM where wave heights will reach 5 - 6'.**

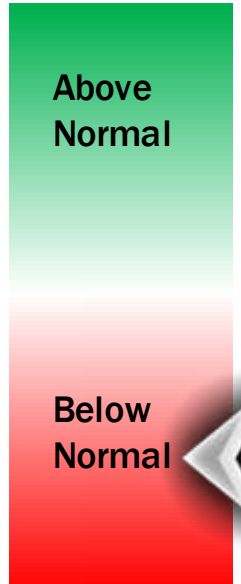
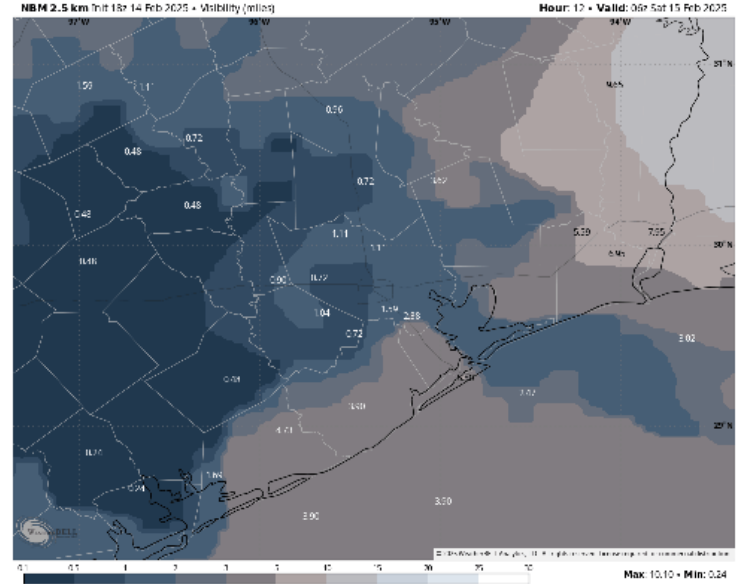
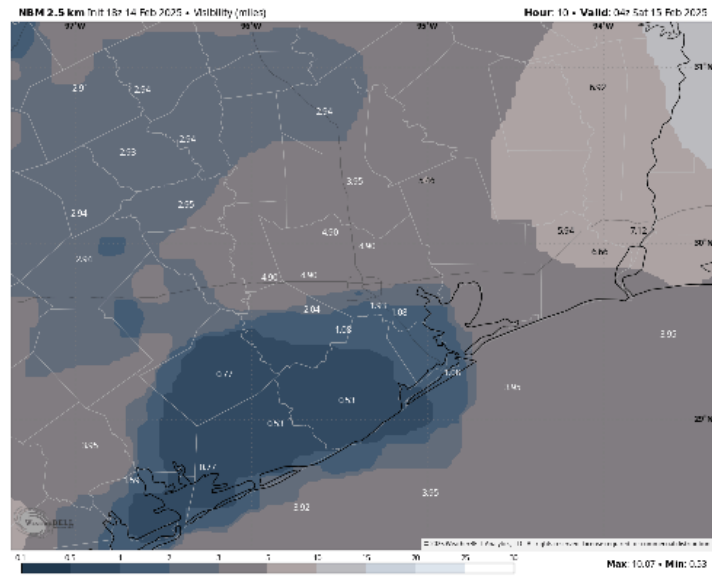
After 3 PM, wave heights will gradually decrease however will not drop to 4' or less until ~12 AM SUN.

# Houston Pilots Visibility Report



## 10 PM CST FRI VISIBILITY      12 AM CST SAT VISIBILITY

## Confidence



Misty conditions and patchy fog are expecting to work in this evening causing visibilities to be reduced overnight into SAT AM. Confidence is low overall on how dense this fog could be.

**N of Morgan's Point:** Best potential to see misty conditions / patchy fog with visibilities of less than 2 miles will be from 9 PM – 3AM.

**S of Morgan's Point:** Best potential to see patchy visibilities of less than 2 miles will be from 9PM – 4AM. A few isolated risks to see visibilities of less than 1 mile possible for brief periods as patchy fog mixes in with mist.

Between ~3 AM – 10 AM for all stations, misty / hazy conditions will be the main risk reducing visibility to 2 – 4 miles.

TIMEFRAME DISCUSSED	THREAT
9 PM FRI – 4 AM SAT	Low - Medium

# Houston Pilots Extended Range Visibility Report



## Monday 2/17/25

No fog concerns for Monday.

### Forecast Confidence



## Wednesday 2/19/25

No fog concerns for Wednesday.

### Forecast Confidence



## Tuesday 2/18/25

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

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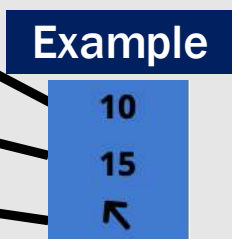
# Houston Pilots Wind Chart



## Forecast Confidence



Sustained wind 10 Knots  
Gusts 15 Knots  
Wind from the SE



Wind	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	Sat 2 pm	Sat 3 pm
Houston Pilots N - 610 Bridge	7 14	8 15	8 15	8 15	7 15	7 16	8 16	8 17	8 17	8 16	8 17	8 20	9 20	9 21	9 21	9 21	10 23	12 24	13 25	13 26	15 29	15 30	15 30	15 30
Houston Pilots M - Kinder 1	8 14	8 15	8 15	8 15	7 15	8 16	8 17	8 17	8 17	8 16	8 18	9 20	9 21	10 21	10 21	10 21	10 23	12 24	13 25	14 26	15 29	15 30	15 30	15 30
Houston Pilots L - Greens Bayou	8 15	8 15	8 15	8 15	8 15	8 16	8 17	8 17	8 17	8 17	8 18	9 20	10 21	10 21	10 22	10 22	10 24	12 24	13 25	14 28	15 29	15 30	15 30	15 29
Houston Pilots K - Shell Crude	8 15	8 15	8 15	8 15	8 15	8 16	8 17	8 17	8 17	8 17	8 18	9 20	10 21	10 22	10 22	10 24	10 25	12 26	13 26	14 28	15 29	15 29	15 29	15 29
Houston Pilots J - Lynchburg Ferries	8 14	8 15	8 15	7 14	7 15	7 16	8 17	8 17	8 17	8 17	8 18	9 20	9 21	10 21	10 22	10 22	10 24	12 25	13 25	15 28	15 29	15 29	15 29	15 29
Houston Pilots I - Exxon 3	9 16	10 16	10 16	10 16	10 16	10 17	12 17	13 18	13 18	13 20	13 21	14 22	15 23	15 23	15 23	15 23	15 24	15 25	15 25	15 26	16 29	17 28	17 29	17 28
Houston Pilots H - Morgans Point	9 16	10 16	10 17	10 16	10 17	12 18	12 18	13 18	13 18	13 20	13 21	14 22	15 23	15 23	15 23	14 22	15 24	15 24	15 24	15 25	16 26	16 28	16 29	16 28
Houston Pilots G - 75/76	10 18	12 18	13 20	13 18	13 20	13 20	14 21	15 22	15 22	15 22	15 23	16 24	17 24	17 24	17 26	17 25	16 25	17 25	17 26	17 26	17 29	17 29	17 29	17 29
Houston Pilots F - 63/64	10 18	13 20	13 20	13 20	13 20	14 20	14 21	15 22	15 22	15 22	15 24	16 24	17 24	17 26	17 25	16 25	17 25	17 26	17 26	16 26	17 29	17 29	17 29	17 29
Houston Pilots E - 51/52	12 20	13 20	13 20	14 21	14 20	14 21	15 22	15 22	15 22	15 22	15 24	16 24	17 25	17 26	17 26	16 25	17 25	17 26	17 26	16 26	16 28	17 28	17 28	17 28
Houston Pilots D - 37/38	13 20	13 21	14 20	14 21	14 21	15 21	15 22	15 23	15 23	15 22	15 24	16 24	17 25	17 26	17 26	16 26	17 26	17 26	17 26	16 26	16 28	17 28	17 28	17 28
Houston Pilots C - 25/26	13 21	14 21	14 21	14 22	14 21	15 22	15 23	15 23	15 23	15 23	15 24	16 25	17 26	17 26	17 26	16 26	17 26	17 26	17 26	16 26	16 28	17 26	17 26	17 26
Houston Pilots B - 11/12	14 21	14 21	14 21	14 22	14 22	14 22	14 23	14 23	14 23	14 23	15 24	15 24	15 25	16 26	15 26	15 26	15 26	15 26	15 26	15 26	15 26	16 26	16 25	15 24
Houston Pilots A - 1 & 2 Bravo	15 23	16 24	16 24	16 24	17 25	17 25	17 26	17 26	17 26	17 26	17 26	17 26	18 28	18 28	18 28	18 28	17 28	17 28	17 28	17 26	17 26	16 26	16 26	16 25

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# Houston Pilots: FRI. 2/14/2025



## Forecast Discussion

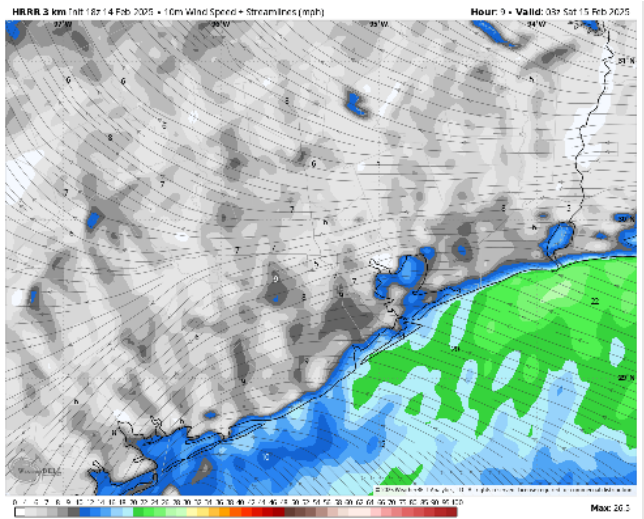
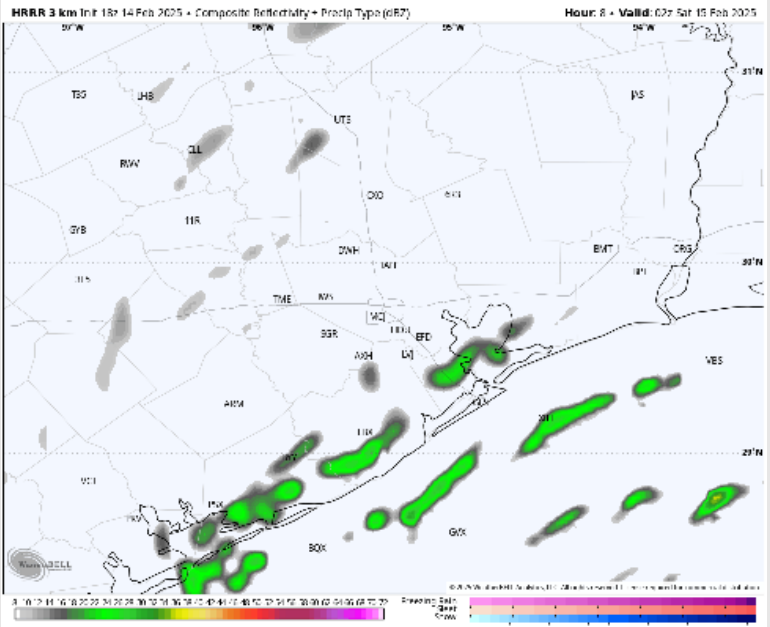
**Precip:** A few hit and miss showers / pockets of drizzle will continue to work through for the rest of the PM.

**Wind:** Winds will be out of the E throughout the rest of the day. **N of Morgan's Point:** Winds will be at 3 – 8 kts for the entire day. **S of Morgan's Point:** Winds will be at 10 – 15 kts for all of today. **Gusts may reach 20 – 25 kts for Station 11/12 and the Boarding Station.**

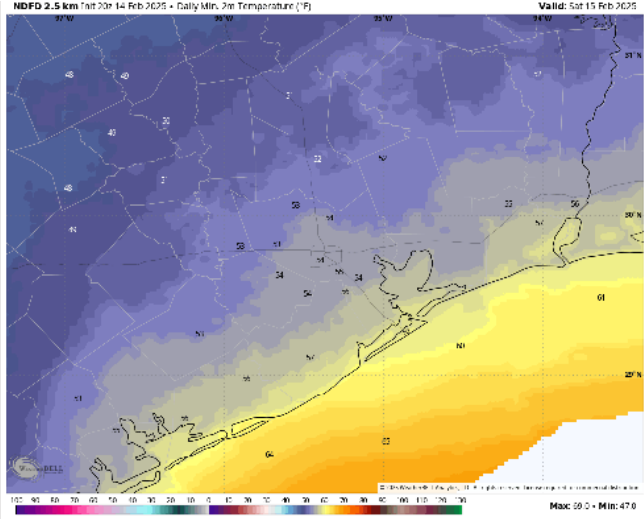
**Low Temps:** **N of Morgan's Point:** Low 50s F. **S of Morgan's Point:** Upper 50s F.

**Visibility:** Watching for the potential for a low-end risk of patchy fog to develop post ~9PM. See Visibility slide for more.

## Precip Image: 8 PM CT



Wind Speed  
9 PM CT



Low Temps  
SAT AM



# Houston Pilots: SAT. 2/15/2025



## Forecast Discussion

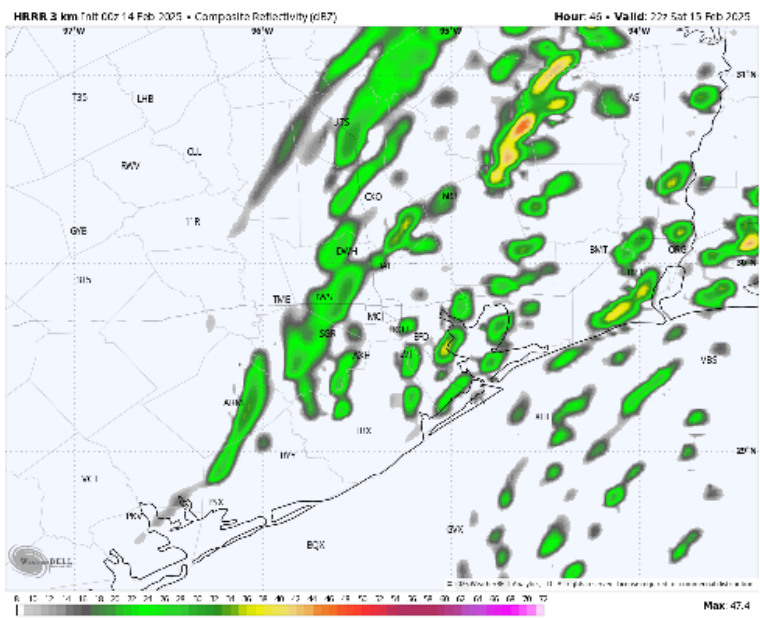
**Precip:** Isolated (20%) showers / drizzle will be possible from 4AM to 6PM. Post 5PM, a line of showers/storms is expected to pass through from 5PM to 9PM. A few strong to possibly severe storms will be possible within this line. Greatest risk will be wind gusts of 40-50 kts.

**Wind:** Winds will be out of the S/SW through 10PM. After then, winds will gradually work to be out of the W/NW. **N of Morgan's Point:** Winds will be at 10 - 15 kts for all of Saturday. **S of Morgan's Point:** Winds will be at 13 - 16 kts for all of Saturday. **Non-thunderstorm wind gusts of 23 - 28 kts will be possible for all Stations from 3AM to 8PM.**

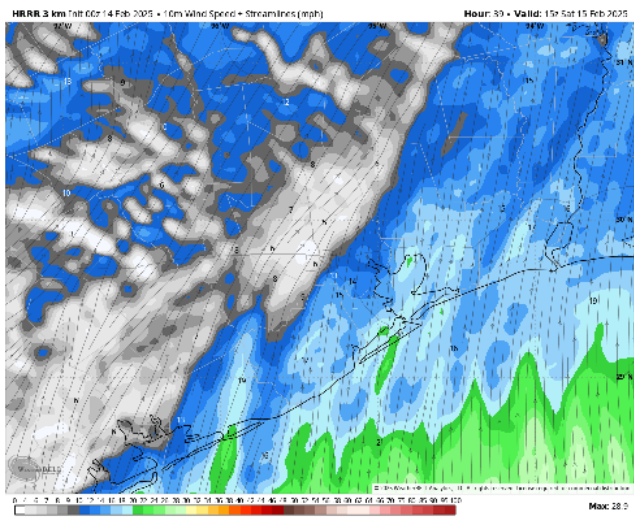
**High Temps:** **N of Morgan's Point:** Upper 70s F. **S of Morgan's Point:** Lower 70s F.

**Visibility:** Watching for a low-end risk for patchy fog for all stations through 4AM!

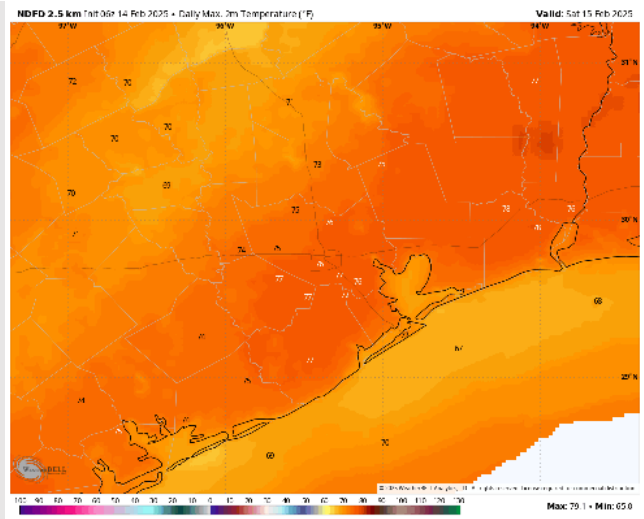
## Precip Image: 4 PM CT



Wind Speed:  
9 AM CT



High Temps  
Saturday



# Houston Pilots: SUN. 2/16/2025



## Forecast Discussion

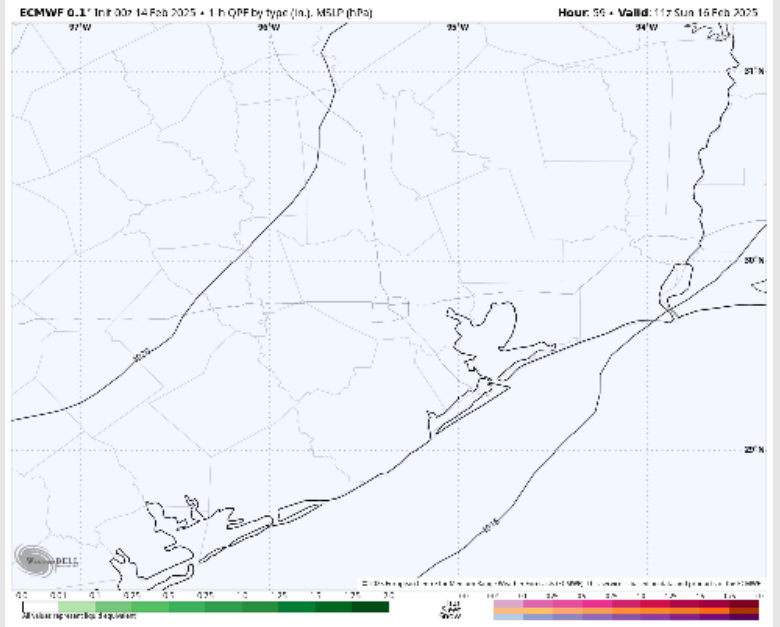
**Precip:** Favoring dry conditions for Sunday.

**Wind:** Winds will be out of the N/NNE for the all of Sunday. **N of Morgan's Point:** Winds will be at 5 - 9 kts for Sunday. **S of Morgan's Point:** Winds will be at 10 - 15 kts for all of Sunday. **Wind gusts of 20 - 25 kts will be in play for the Boarding Station for the entire day.**

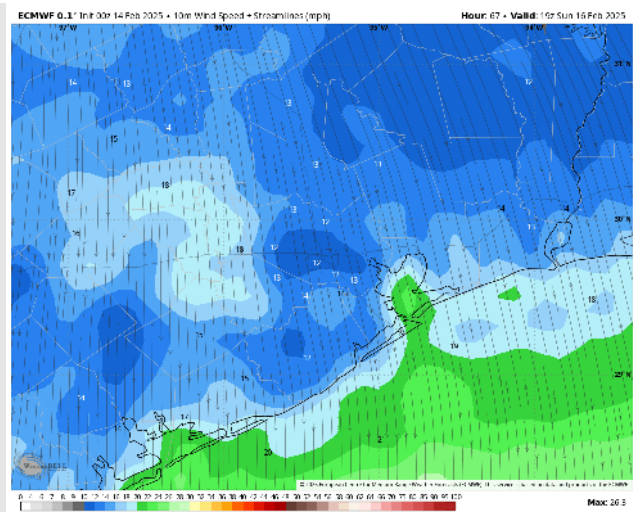
**High Temps:** **N of Morgan's Point:** Upper 50s F. **S of Morgan's Point:** Upper 50s F.

**Visibility:** No fog concerns for Sunday.

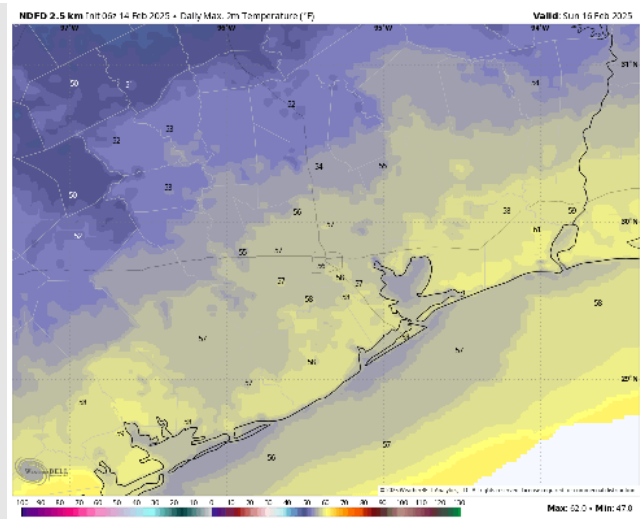
## Precip Image: 5 AM CT



**Wind Speed:  
1 PM CT**



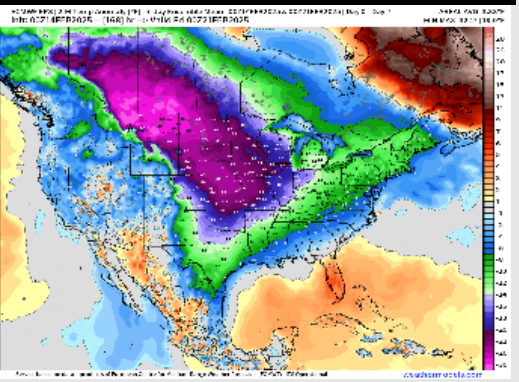
**High Temps  
Sunday**



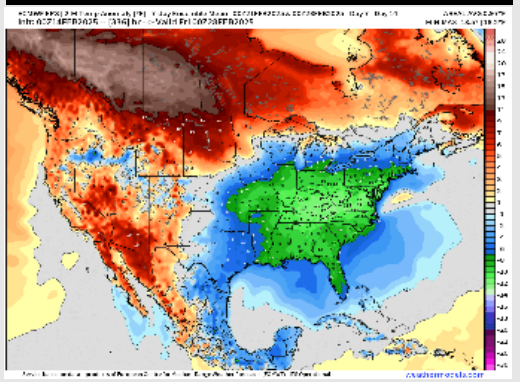


# Houston Pilots: 2/14/25

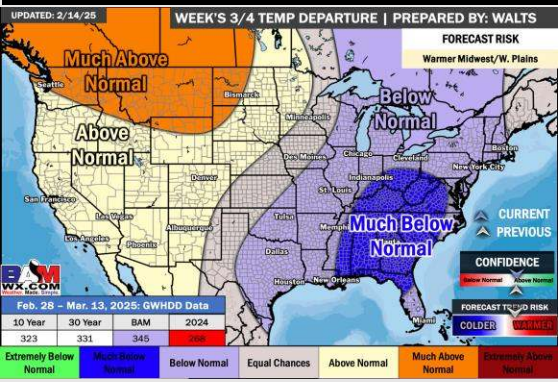
**Next 7 Day Temperature Departure**



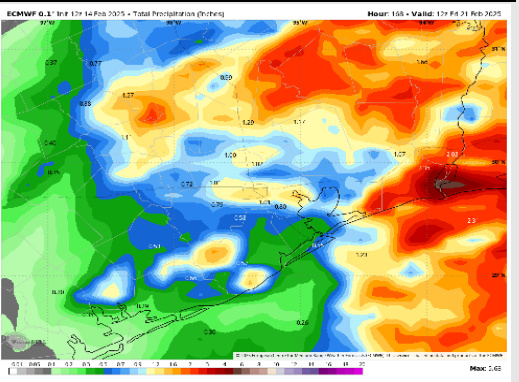
**8-14 Day Temperature Departure**



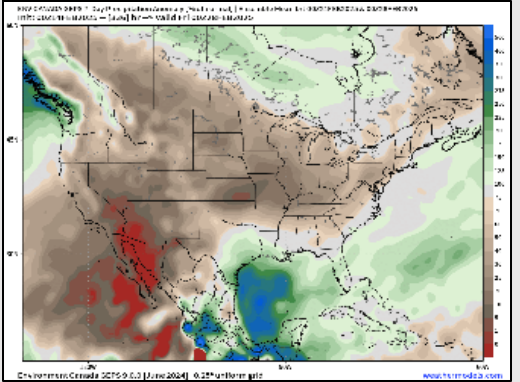
**15-30 Day Temperature Departure**



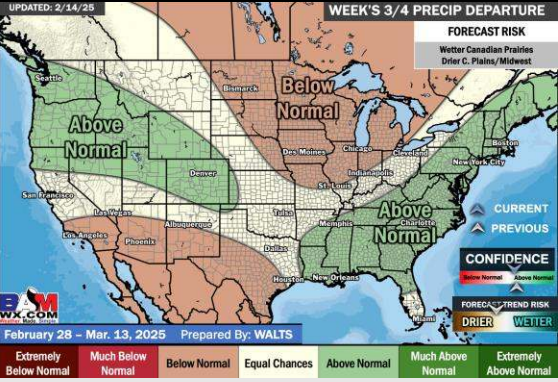
**Next 7 Day Total Precipitation**



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



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



- Temps are expected to be below normal for the week ahead. Scattered rain chances are favored through the week.
- Below normal temps and slightly above normal rainfall are expected for week 2.
- Below normal temperatures and near normal precipitation chances are expected for the weeks 3/4 timeframe.