

# Houston Pilots Forecast Package



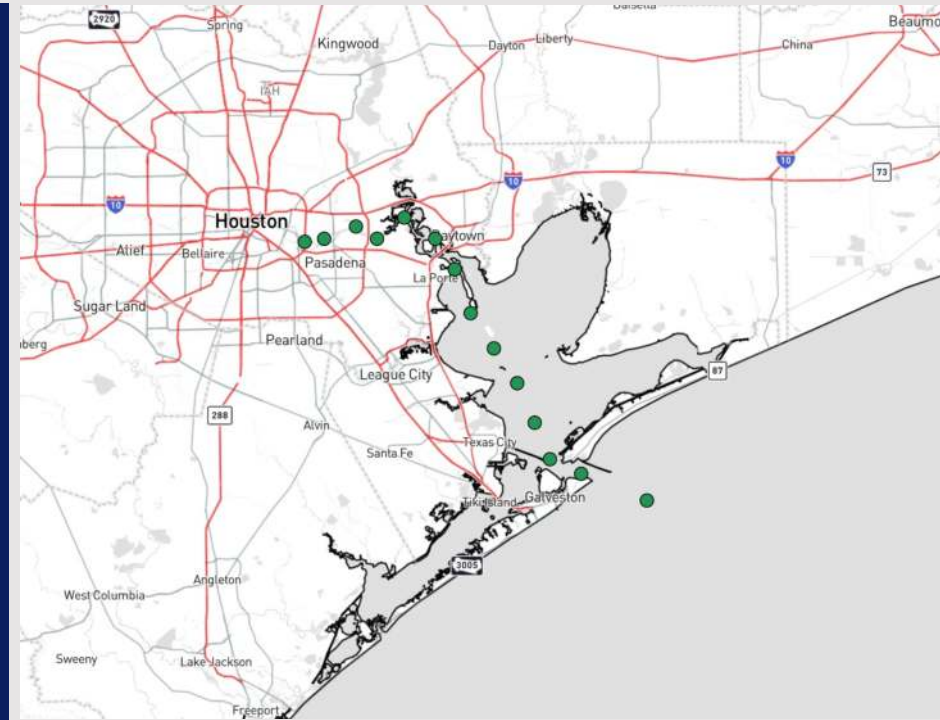
Updated: 12:45 AM CT

Saturday, January 4, 2025

Forecaster: Xander Lowry

## 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 1 AM CT SAT.**
- **Keeping an eye on a patchy dense fog risk S of Morgan's Point tonight and into early SUN AM.**
- **Sunday will bring the risk of strong/severe thunderstorms for all stations.**



**Current Radar: 12:35 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. Click [here](#) for login assistance.

# Houston Pilots Port Trigger Update



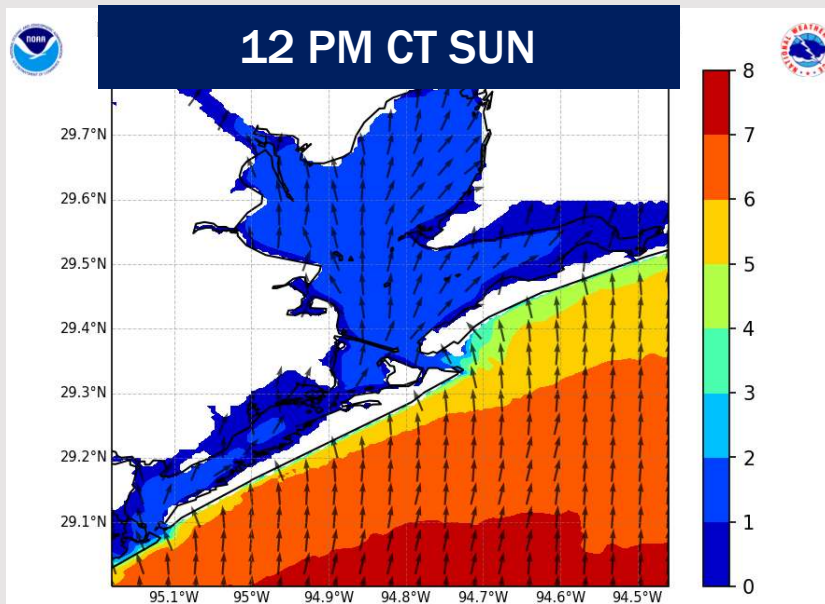
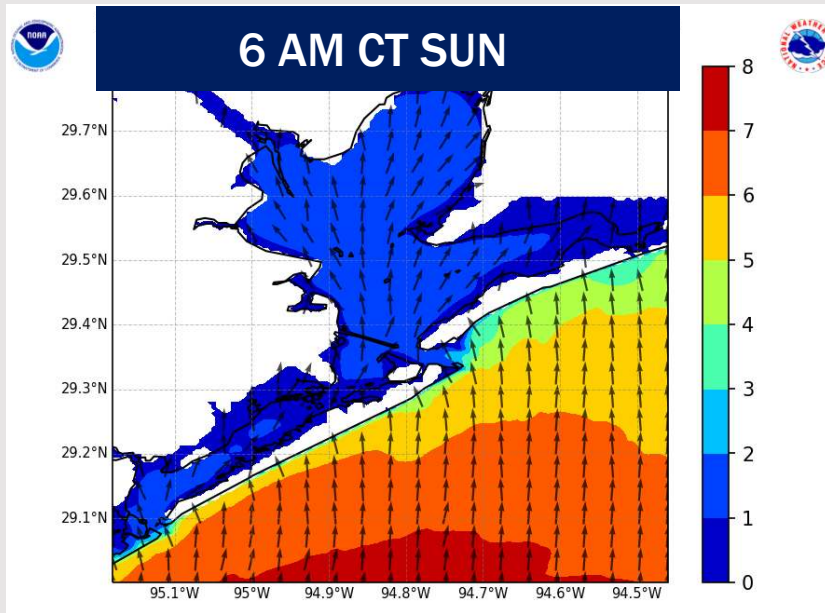
| Port Condition | 34 KTS+ Sustained Wind Trigger Reached at: | 6 Foot Wave Trigger Reached at: | Time Remaining/Trigger Ends At: |
|----------------|--------------------------------------------|---------------------------------|---------------------------------|
| Victor         | —                                          | —                               | —                               |
| 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



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.

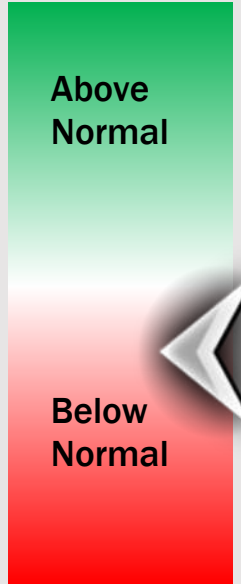
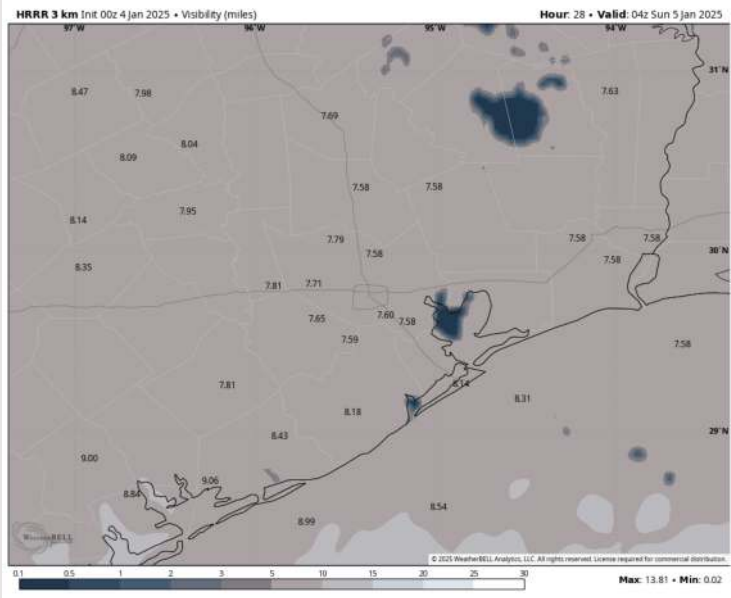
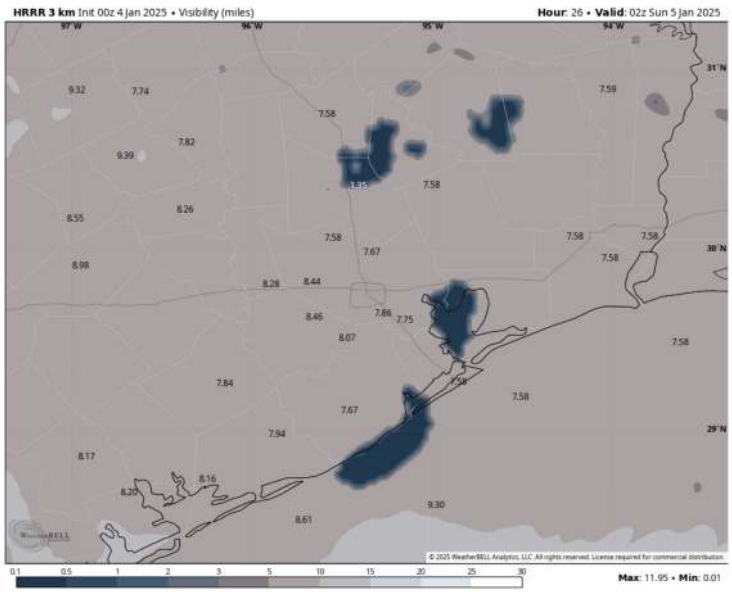
After 3 PM wave heights will slowly decrease, dipping below 6 ft by 9 PM SUN and 4 ft or less by 9 AM MON.

# Houston Pilots Visibility Report



## 8 PM CST SAT VISIBILITY      10 PM CST SAT VISIBILITY

## Confidence



| TIMEFRAME DISCUSSED  | THREAT |
|----------------------|--------|
| 6 PM SAT to 1 AM SUN | Medium |

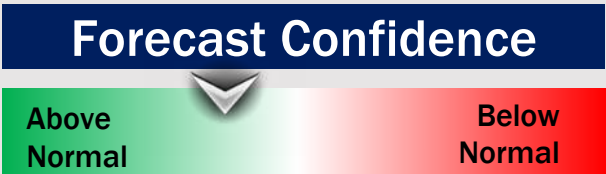
- Watching for a patchy dense fog risk for stations S of Morgan’s Point beginning as early as 6 PM Saturday as winds shift to be out of the SE. Stations N of Morgan’s Point not expected to have impacts.
- Visibility is favored to be reduced to 1 – 2 miles for stations S of Morgan’s Point. Anticipating 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



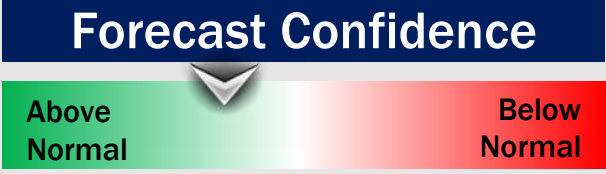
## Tuesday 1/7/24

No fog concerns for Tuesday.



## Wednesday 1/8/25

No fog concerns for Wednesday.



## Thursday 1/9/25

No fog concerns for Thursday.



## Chance for Fog

|              |          |
|--------------|----------|
| Tuesday AM   | Unlikely |
| Tuesday PM   | Unlikely |
| Wednesday AM | Unlikely |
| Wednesday PM | Unlikely |
| Thursday AM  | Unlikely |
| Thursday PM  | Unlikely |



# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



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

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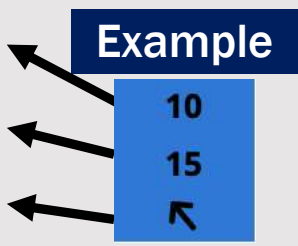
# Houston Pilots Wind Chart



## Forecast Confidence



Sustained wind 10 Knots  
Gusts 15 Knots  
Wind from the SE



| Wind                                 | 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      | Sat 4 pm      | Sat 5 pm      | Sat 6 pm      | Sat 7 pm      | Sat 8 pm      | Sat 9 pm      | Sat 10 pm     | Sat 11 pm     | Sun 12 am     | Sun 1 am      |
|--------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Houston Pilots N - 610 Bridge        | 7<br>14<br>←  | 7<br>15<br>←  | 8<br>15<br>←  | 8<br>15<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>18<br>←  | 9<br>20<br>←  | 9<br>21<br>←  | 10<br>21<br>← |
| Houston Pilots M - Kinder 1          | 7<br>14<br>←  | 7<br>15<br>←  | 8<br>15<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 9<br>20<br>←  | 9<br>21<br>←  | 10<br>21<br>← |
| Houston Pilots L - Greens Bayou      | 7<br>14<br>←  | 7<br>15<br>←  | 8<br>15<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 8<br>16<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 9<br>20<br>←  | 9<br>20<br>←  | 10<br>21<br>← |
| Houston Pilots K - Shell Crude       | 7<br>14<br>←  | 8<br>15<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 8<br>16<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 9<br>18<br>←  | 9<br>20<br>←  | 10<br>21<br>← |
| Houston Pilots J - Lynchburg Ferries | 6<br>14<br>←  | 7<br>15<br>←  | 8<br>15<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>16<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 9<br>18<br>←  | 8<br>16<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>17<br>←  | 8<br>18<br>←  | 9<br>20<br>←  | 9<br>20<br>←  |
| Houston Pilots I - Exxon 3           | 10<br>16<br>← | 12<br>17<br>← | 13<br>17<br>← | 13<br>17<br>← | 13<br>18<br>← | 13<br>18<br>← | 13<br>18<br>← | 12<br>18<br>← | 12<br>18<br>← | 12<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 12<br>18<br>← | 12<br>18<br>← | 12<br>18<br>← | 12<br>17<br>← | 12<br>17<br>← | 12<br>17<br>← | 13<br>18<br>← | 13<br>20<br>← | 14<br>21<br>← | 15<br>22<br>← |
| Houston Pilots H - Morgans Point     | 10<br>16<br>← | 12<br>17<br>← | 13<br>17<br>← | 13<br>18<br>← | 13<br>18<br>← | 13<br>18<br>← | 12<br>18<br>← | 12<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>17<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 12<br>18<br>← | 12<br>18<br>← | 12<br>17<br>← | 10<br>17<br>← | 10<br>17<br>← | 12<br>17<br>← | 13<br>20<br>← | 13<br>21<br>← | 14<br>22<br>← |
| Houston Pilots G - 75/76             | 13<br>18<br>← | 14<br>18<br>← | 15<br>20<br>← | 15<br>20<br>← | 15<br>21<br>← | 15<br>21<br>← | 15<br>20<br>← | 14<br>20<br>← | 13<br>20<br>← | 13<br>20<br>← | 12<br>20<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 12<br>20<br>← | 12<br>20<br>← | 12<br>18<br>← | 12<br>17<br>← | 12<br>17<br>← | 13<br>18<br>← | 13<br>20<br>← | 14<br>22<br>← | 15<br>23<br>← | 16<br>24<br>← |
| Houston Pilots F - 63/64             | 13<br>18<br>← | 14<br>20<br>← | 15<br>20<br>← | 15<br>21<br>← | 15<br>21<br>← | 15<br>21<br>← | 15<br>20<br>← | 14<br>20<br>← | 13<br>20<br>← | 13<br>20<br>← | 12<br>20<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 12<br>18<br>← | 12<br>18<br>← | 10<br>16<br>← | 12<br>17<br>← | 13<br>18<br>← | 13<br>18<br>← | 14<br>21<br>← | 15<br>23<br>← | 16<br>24<br>← |
| Houston Pilots E - 51/52             | 13<br>20<br>← | 14<br>20<br>← | 15<br>20<br>← | 15<br>21<br>← | 15<br>21<br>← | 15<br>21<br>← | 15<br>20<br>← | 14<br>20<br>← | 13<br>20<br>← | 13<br>20<br>← | 12<br>20<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>18<br>← | 10<br>17<br>← | 10<br>17<br>← | 10<br>17<br>← | 10<br>15<br>← | 10<br>17<br>← | 12<br>17<br>← | 13<br>18<br>← | 14<br>21<br>← | 15<br>23<br>← | 16<br>24<br>← |
| Houston Pilots D - 37/38             | 13<br>20<br>← | 14<br>20<br>← | 15<br>21<br>← | 15<br>21<br>← | 15<br>22<br>← | 15<br>22<br>← | 15<br>21<br>← | 14<br>20<br>← | 13<br>20<br>← | 13<br>20<br>← | 12<br>20<br>← | 10<br>18<br>← | 10<br>17<br>← | 10<br>17<br>← | 10<br>17<br>← | 10<br>16<br>← | 10<br>16<br>← | 10<br>15<br>← | 10<br>17<br>← | 12<br>18<br>← | 13<br>18<br>← | 14<br>21<br>← | 15<br>23<br>← | 16<br>24<br>← |
| Houston Pilots C - 25/26             | 13<br>20<br>← | 14<br>20<br>← | 14<br>21<br>← | 15<br>21<br>← | 15<br>22<br>← | 15<br>22<br>← | 14<br>20<br>← | 14<br>20<br>← | 13<br>20<br>← | 13<br>20<br>← | 12<br>18<br>← | 10<br>17<br>← | 10<br>17<br>← | 10<br>17<br>← | 10<br>16<br>← | 10<br>16<br>← | 10<br>15<br>← | 10<br>15<br>← | 10<br>16<br>← | 12<br>17<br>← | 13<br>18<br>← | 13<br>22<br>← | 15<br>23<br>← | 15<br>24<br>← |
| Houston Pilots B - 11/12             | 13<br>20<br>← | 13<br>20<br>← | 13<br>21<br>← | 14<br>21<br>← | 14<br>21<br>← | 14<br>21<br>← | 13<br>20<br>← | 13<br>20<br>← | 13<br>18<br>← | 12<br>18<br>← | 12<br>17<br>← | 10<br>16<br>← | 10<br>16<br>← | 10<br>16<br>← | 10<br>15<br>← | 9<br>15<br>←  | 9<br>15<br>←  | 8<br>15<br>←  | 9<br>16<br>←  | 10<br>17<br>← | 12<br>18<br>← | 13<br>21<br>← | 13<br>23<br>← | 15<br>24<br>← |
| Houston Pilots A - 1 & 2 Bravo       | 15<br>22<br>← | 15<br>23<br>← | 16<br>23<br>← | 16<br>23<br>← | 17<br>23<br>← | 16<br>23<br>← | 16<br>23<br>← | 15<br>22<br>← | 14<br>21<br>← | 13<br>21<br>← | 13<br>20<br>← | 10<br>17<br>← | 10<br>16<br>← | 10<br>16<br>← | 9<br>15<br>←  | 10<br>15<br>← | 10<br>16<br>← | 10<br>15<br>← | 12<br>17<br>← | 13<br>18<br>← | 14<br>18<br>← | 15<br>23<br>← | 16<br>24<br>← | 17<br>25<br>← |

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# Houston Pilots: SAT. 1/4/2025



## Forecast Discussion

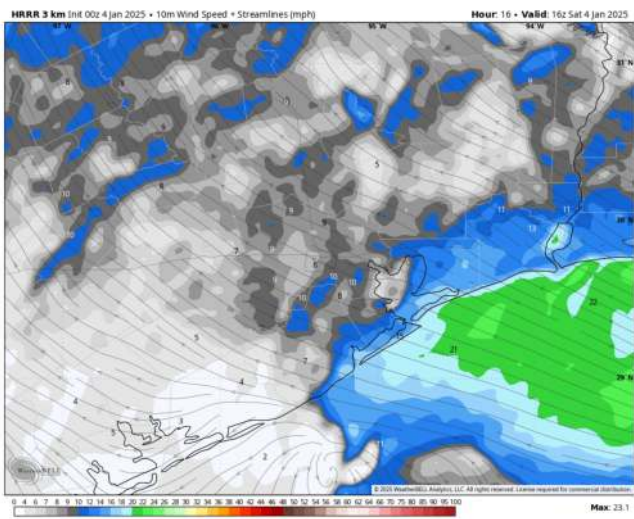
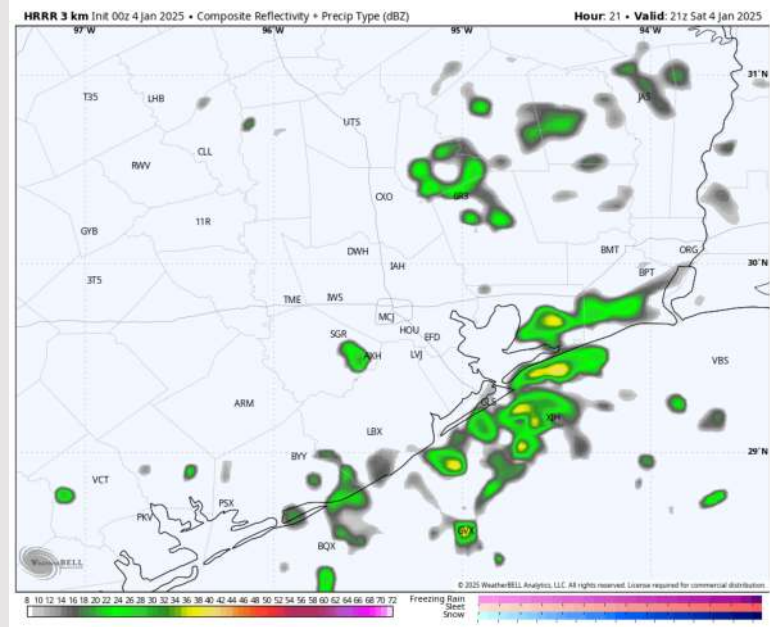
**Precip:** Isolated (20%) rain showers are possible through 6 PM before conditions dry out for the rest of the day.

**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 the day. **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 the day.

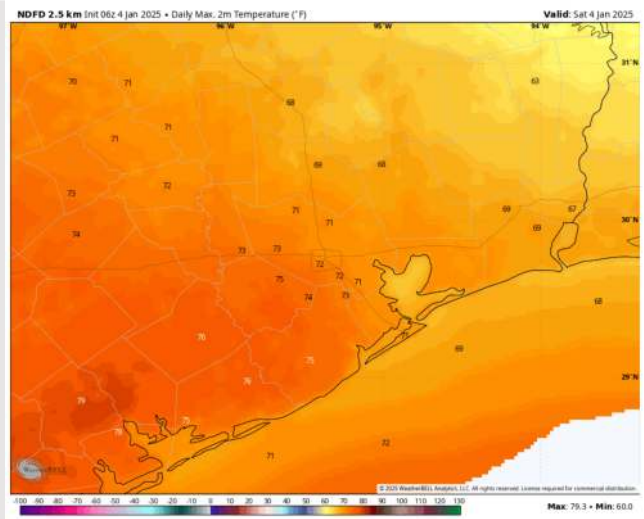
**High Temps:** **N of Morgan's Point:** Low 70 F. **S of Morgan's Point:** upper 60's near 70 F.

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

## Precip Image: 3 PM CT



Wind Speed:  
10 AM CT



High Temps  
Today



# Houston Pilots: SUN. 1/5/2025



## Forecast Discussion

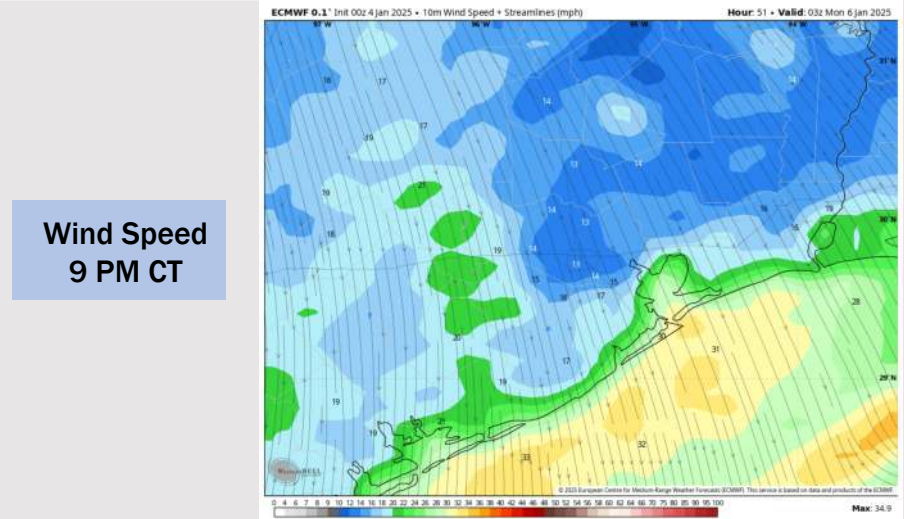
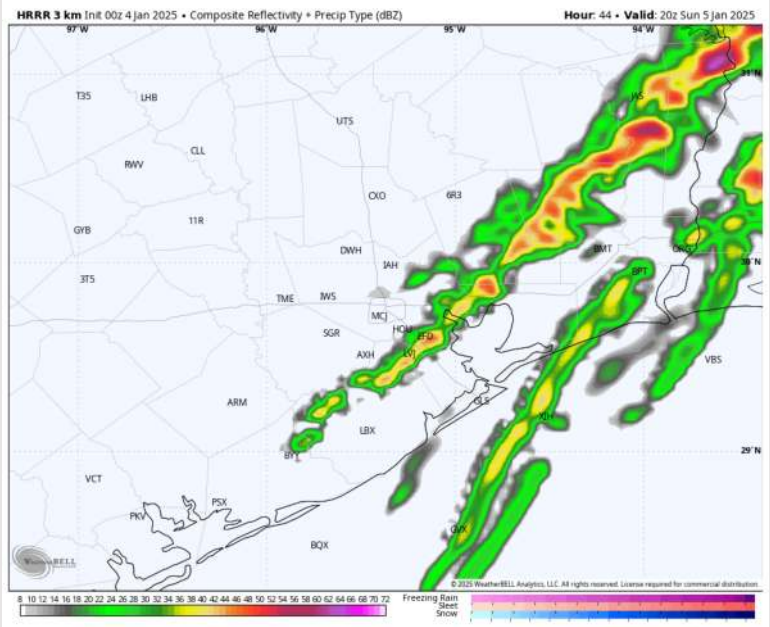
**Precip:** Beginning at 6 AM, light showers will be possible through 12 PM before a line of strong/severe storms work in through 5 PM before rain chances exit for the day. **Risks will be for wind gusts of 45-55 kts, small hail, and an isolated tornado risk.**

**Wind:** Winds will be out of the S/SE 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 stations N of Morgan's Point throughout Sunday.** After 6 PM wind gusts of 30-35 kts will be possible for stations S of Morgan's Point.

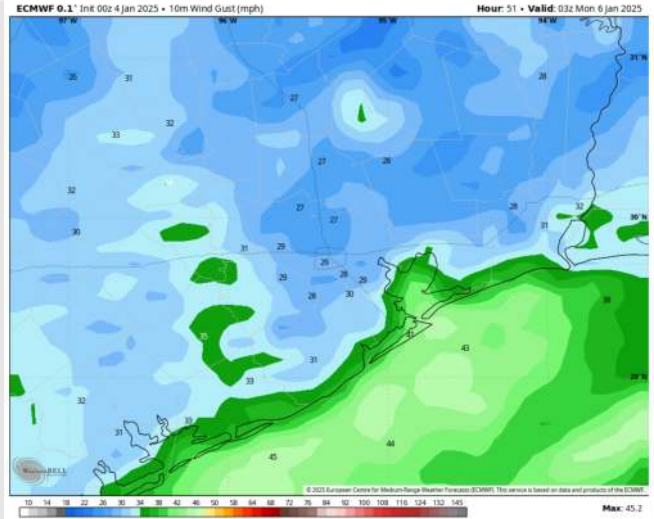
**High Temps:** N of Morgan's Point: Mid-70s F. S of Morgan's Point: Low 70s F.

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

## Precip Image: 2 PM CT



Wind Speed  
9 PM CT



Max Wind  
Gusts Sunday

# Houston Pilots: MON. 1/6/2025



## Forecast Discussion

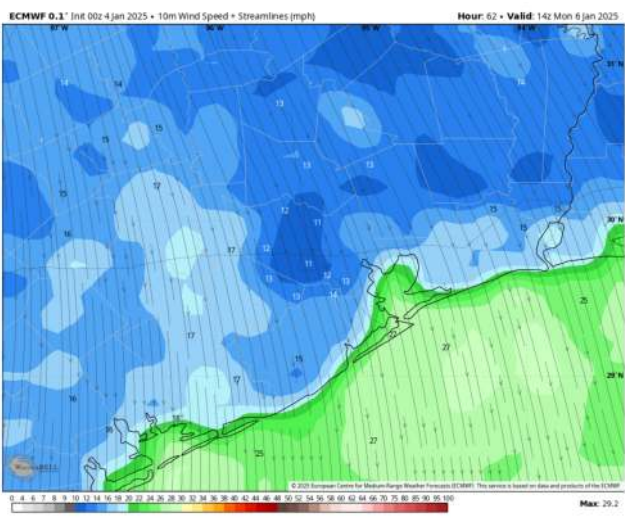
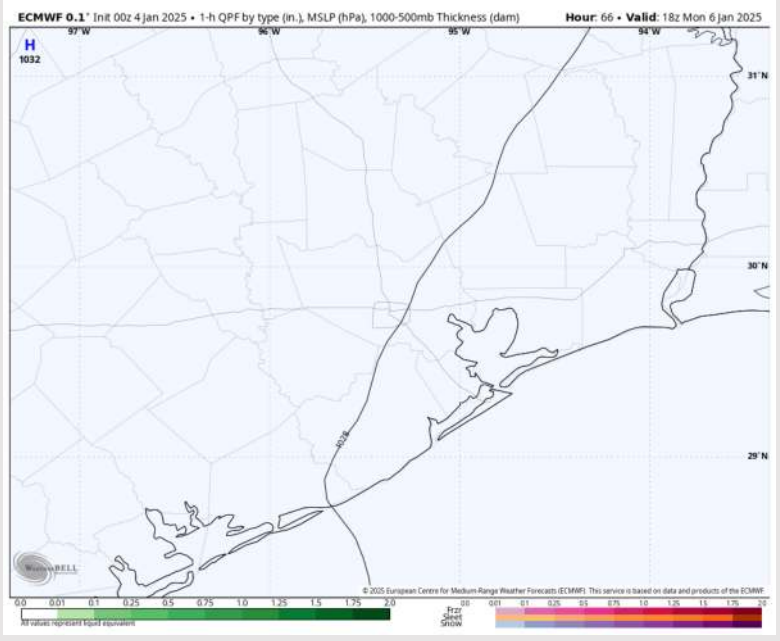
**Precip:** Favoring dry conditions for all stations on Monday.

**Wind:** Winds will generally be out of the N/NW throughout Monday. **N of Morgan's Point:** Winds will be at 9 – 14 kts throughout the day Monday. **S of Morgan's Point:** Winds will be at 17 – 22 kts through 12 PM before decreasing to 15 – 20 kts for the rest of the day Monday.

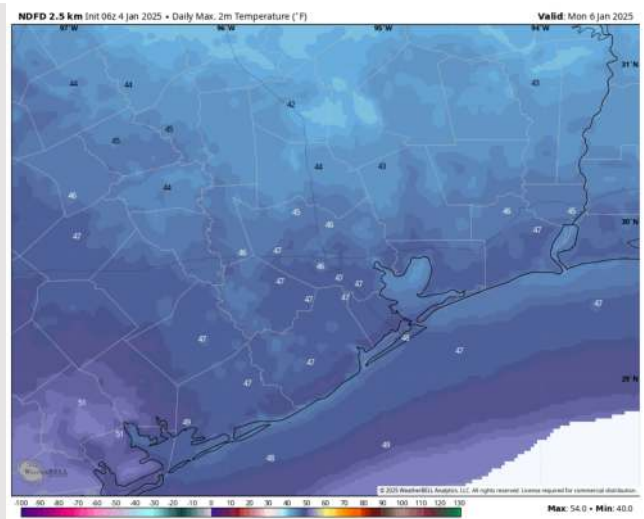
**High Temps:** **N of Morgan's Point:** Mid 40s F. **S of Morgan's Point:** Mid 40s F

**Visibility:** Not anticipating any visibility concerns for Monday.

## Precip Image: 12 PM CT



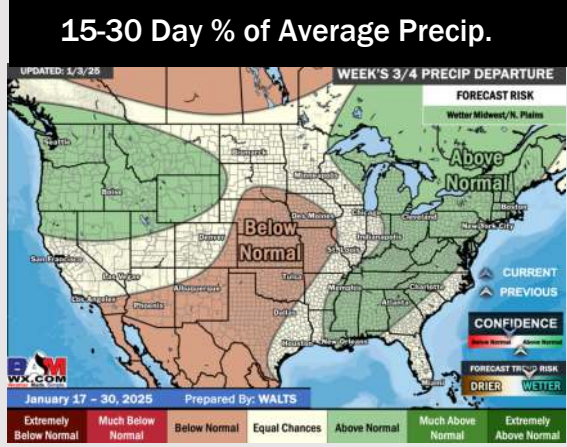
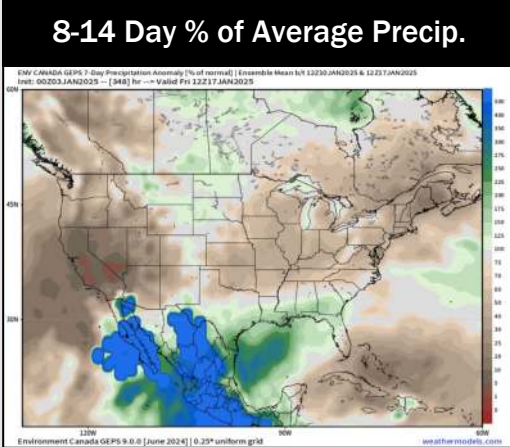
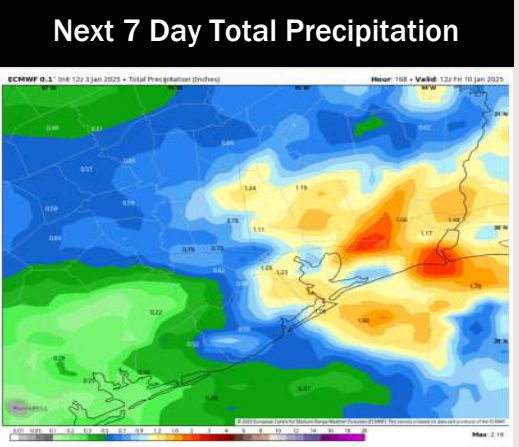
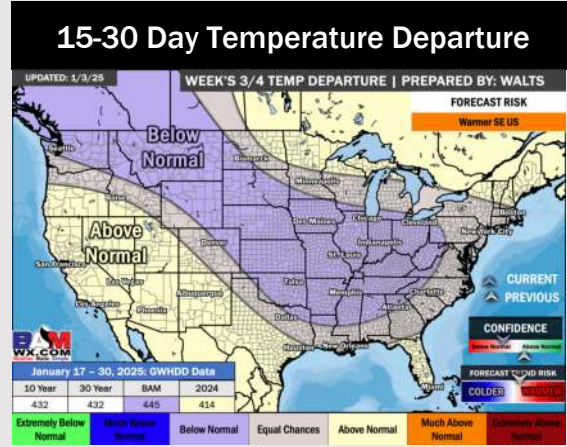
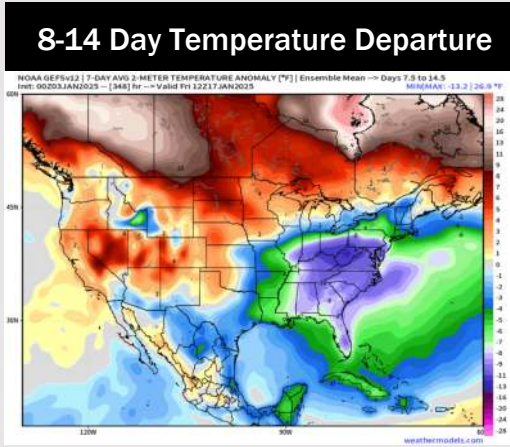
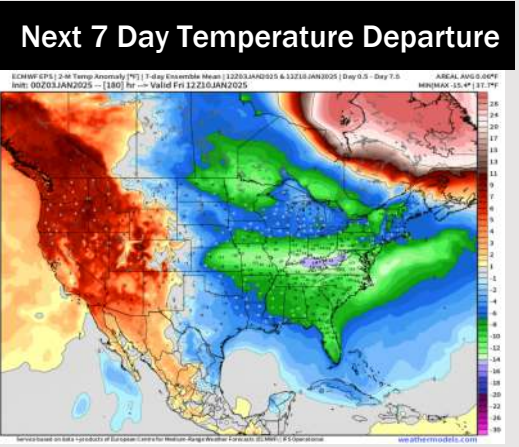
Wind Speed:  
7 PM CT



High Temps  
Monday



# Houston Pilots: 1/4/25



- 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.