# **Houston Pilots Forecast Package**

Updated: 1:00 AM CT

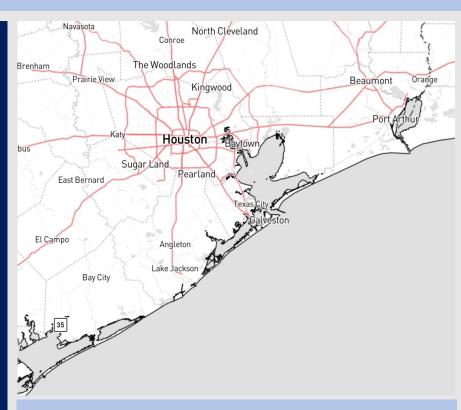
Saturday, January 6, 2024





# **Weather Headlines**

- Favoring a dry weekend, aside from low end chances late Sunday evening.
- Winds will remain generally calm throughout today and SUN AM, however watching for strong gust potential after SUN PM.
- See visibility report slide below for thoughts on increasing confidence in patchy to widespread fog for this AM.



Radar/NWS Alerts: 12:57 AM CT



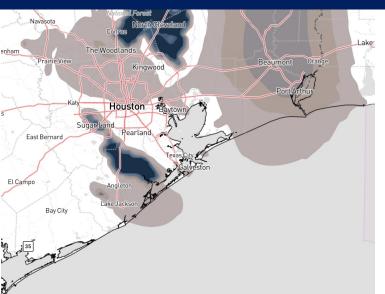
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, (317)-560-8122 press 1 for forecast questions.

# **Houston Pilots Visibility Report**

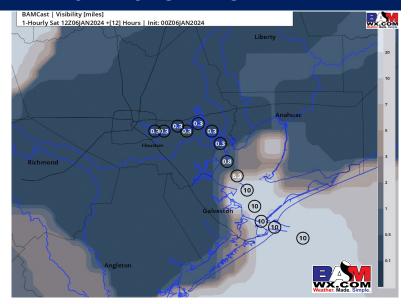




### **CURRENT VISIBILITY AS OF 12:30 AM**



### 6 AM CT SAT VISIBILITY



### Confidence

Above Normal

Below Normal

TIMEFRAME DISCUSSED

NOW - 11 AM CT SAT

Medium

**THREAT** 

- Widespread, dense fog will continue to push into locations N of Morgan's Point. Fog will then begin to gradually develop across locations S of Morgan's Point after 4AM-CT. Lower confidence remains for the Boarding station but favoring fog to be patchier in nature at that Station.
- Confidence remains high that visibilities of less than 2 miles will be likely, with stations N of Morgan's Point with the best potential to see visibilities of less than 0.5 a mile.
- While some uncertainty remains in play, latest model data generally agrees on exit time for fog with visibilities gradually improving from NW to SE beginning shortly after 9AM, and fully lifting by 11AM.

## **Houston Pilots Extended Range Visibility Report**





### **Tuesday 1/9/24**

No visibility concerns for Tuesday.

### **Wednesday 1/10/24**

No visibility concerns for Wednesday.

### Forecast Confidence

Above Normal Below Normal

### **Forecast Confidence**

Above Normal Below Normal

Unlikely

Unlikely

Unlikely

### **Thursday 1/11/24**

No visibility concerns for Thursday.

### Chance for Fog

Tuesday AM

Tuesday PM

PM Unlikely

Wed

Wednesday PM Unlikely

Thursday AM

Wednesday AM

Thursday PM Unlikely

### Forecast Confidence

Above Normal Below Normal

# **Houston Pilots Visibility Chart (miles)**

12pm

10 10

10 10 10

10 10

10 10

10 10 10 10

10

10

10

2 5 10

10 10

10 10

10 10 10

610 Bridge

Kinder 1

**Greens Bayou** 

Shell Crude

Lynchburg

Exxon 3

Morgans Point

75/76

63/64

51/52



3am

10

10

4am

2am

10



### **Forecast Confidence**

Above Normal

Below Normal

9pm 10pm 11pm 12am 1am

8pm

10

# **Houston Pilots Wind Chart**







Sustained wind 13 Knots

Gusts 18 Knots

WS: 13

G:18

N

Time Knots	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am
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Kinder 1	1	0	1	1	2	2	1	2	2	3	3	4	4	4	5	5	4	4	3	2	2	2	2	2	2	1	1	2	2	2	2	2	4	5	5
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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: Sat. 01/06/2024





### **Forecast Discussion**

**Precip:** Favoring dry conditions today.

Wind: Winds remain out of the north / northwest for today. N Morgan's Point: Winds calm to 3 – 6 knots for most of the day. S of Morgan's Point: Winds of 5 -10 kts through 2PM, before slightly weakening to 4 – 9 kts.

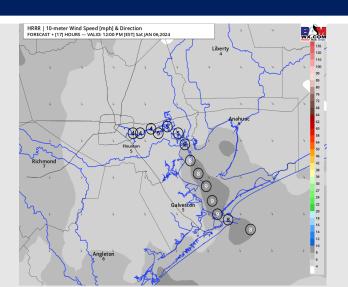
High Temps: N of Morgan's Point: Lower to mid 60s F. S of Morgan's Point: Upper 50s to Lower 60s F

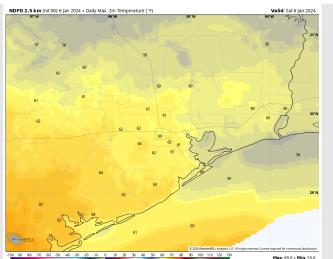
Visibility: Patchy to Widespread Fog favored from 1AM – 11AM. See visibility slide for additional information.

# HRRR | Radar Reflectivity [dBZ] | Composite | Rain+Snow Type FORECAST + [18] HOURS -- VALID: 01:00 PM [EST] Sat JAN 06,2024 Liberty Analysiac Richmond Angleton

Precip Image: 12 PM CT

Wind Speed: 11 AM CT





High Temps Today

# Houston Pilots: Sun. 01/07/2024





### **Forecast Discussion**

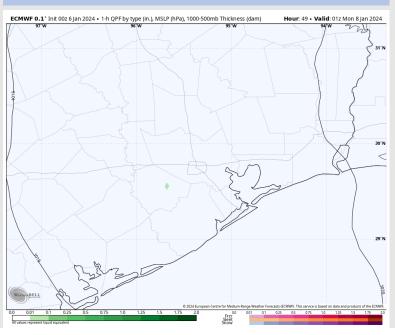
**Precip:** Aside from a few isolated drizzle chances after 7PM, favoring dry conditions for much of Sunday.

Wind: Winds will rotate out of the NE beginning after 4AM and be out of the SE by fully by 6PM for all stations (lower confidence on duration of wind shift). N Morgan's Point: 3- 7kts through 4PM before increasing to 8-11 kts. S of Morgan's Point: 7 - 10 kt winds to start the day, increasing to 14 - 19 knots by 4 PM. Gusts of up to 25 kts cannot be ruled out after 6 PM for stations S of Morgan's Point.

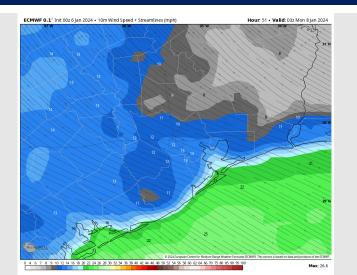
High Temps: N of Morgan's Point: Lower 60s F. S of Morgan's Point: Lower 60s F.

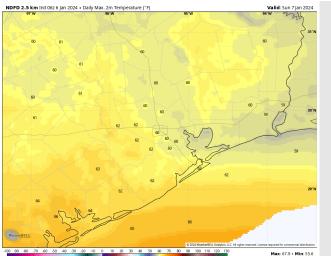
Visibility: No visibility concerns for Sunday.

### **Precip Image: 7 PM CT**



Wind Speed: 9 PM CT





High Temps Sunday

# Houston Pilots: Mon. 01/08/2024





### **Forecast Discussion**

**Precip:** Anticipating showers/storms to push in from the West around 6 AM, lingering in a scattered manner (50-60%) through 9 PM.

Wind: Winds are expected to remain out the SE throughout the day. N of Morgan's Point: 8 - 14 kts throughout the day. S of Morgan's **Point:** Winds 13 – 17 knots favored throughout the day. Slightly higher at the Boarding Station at 15-20 kts. Wind gusts of 25-30 kts in play for the Boarding Stations throughout the day.

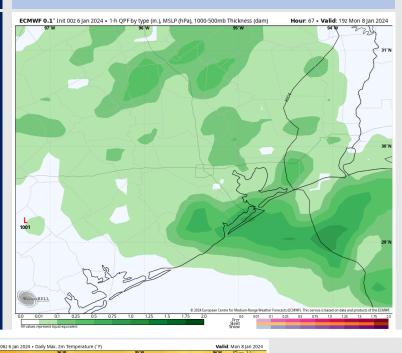
High Temps: N of Morgan's Point: Low 70s F S of Morgan's Point: Upper 60s F

Visibility: No visibility concerns Monday

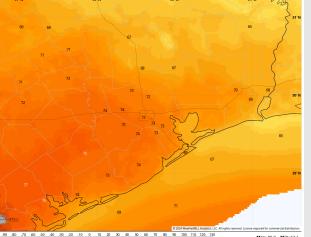
Wind Speed:

**7 AM CT** 

### Precip Image: 1 PM CT





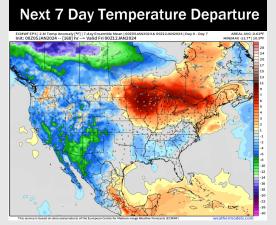


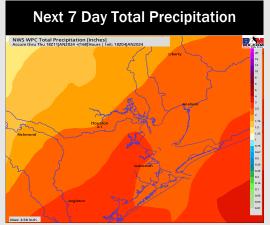
**High Temps** Monday

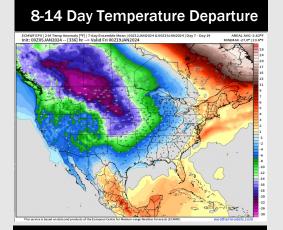
# **Houston Pilots: 1/6/24**

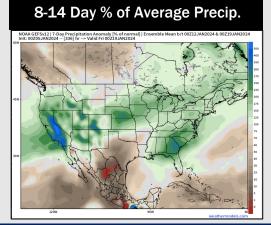




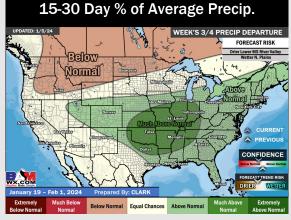












- Next opportunities for rain will be Monday Tuesday, although lower confidence on exact timing. Seasonable to slightly below normal temperatures for next week.
- > Need to monitor for wetter trends towards the end of next week.
- Below normal temperatures and seasonal chances for precipitation are favored in the weeks <sup>3</sup>/<sub>4</sub> timeframe.