

# Houston Pilots Forecast Package



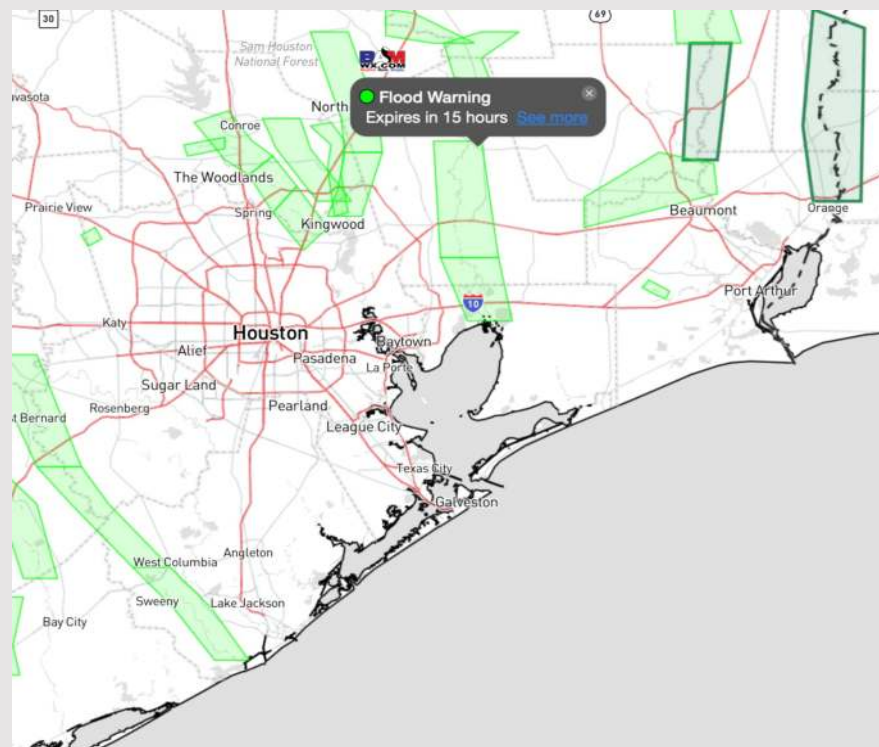
Updated: 2:30 PM CT

Thursday, January 25, 2024

Forecaster: Alyssa Elliott

## Weather Headlines

- Anticipating a dry rest of the evening with scattered shower risks for Friday and Saturday.
- Favoring winds to remain fairly calm over the next 48 hours.
- **Sea fog threats continuing this evening. Lower confidence exists for exact start time this evening and possible coverage Friday PM. Please see visibility slides for more info.**



**Radar/NWS Alerts: 2:30 PM CT**

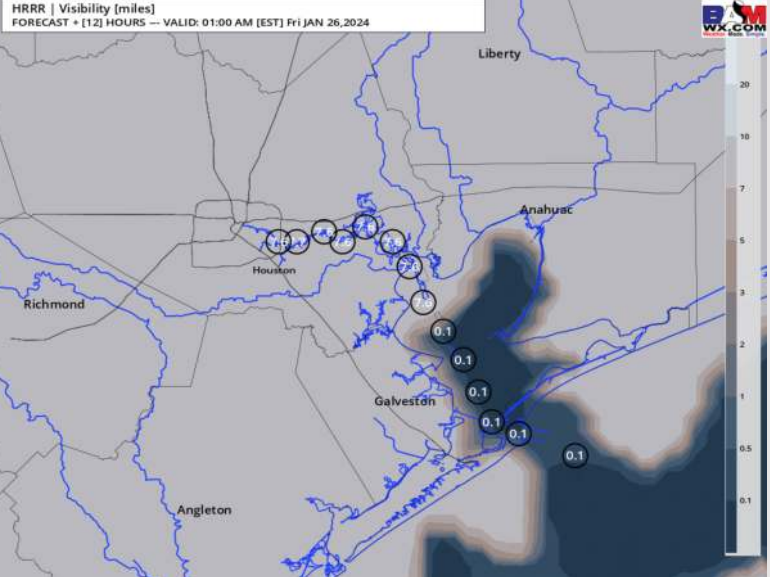


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

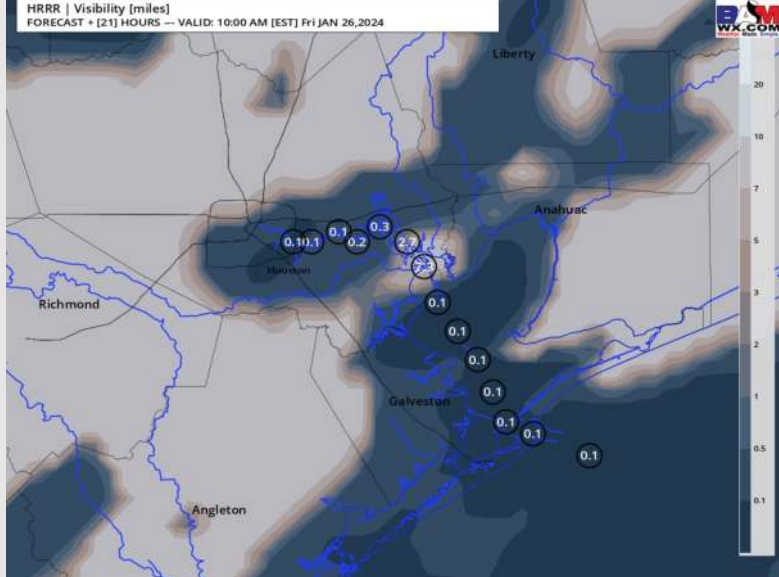
# Houston Pilots Visibility Report



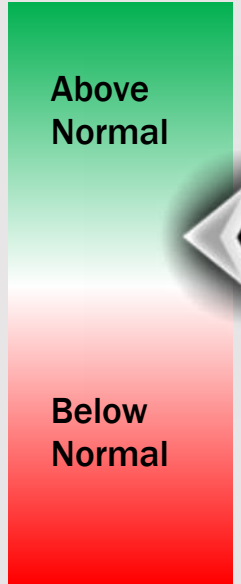
## 12 AM CT FRI Visibility



## 9 AM CT FRI Visibility



## Confidence



TIMEFRAME DISCUSSED	THREAT
7 PM THU - 12 PM FRI	Medium-High

- Confidence increasing that dense, sea fog will be present for Thursday evening into Friday morning.
- **N of Morgan's Point:** Anticipating the fog risk to become patchy in nature for stations N of Morgan's Point between 7 - 11 AM-CT Friday. Outside of that, not anticipating much of a risk for these stations.
- **S of Morgan's Point:** Patchy dense fog will begin to work into the Bay area at ~7PM CT reducing visibility to 1 - 3 miles with a few instances of less than 1 mile mixing in. Fog coverage will expand across the Bay and into the Gulf through the late evening, with fog coverage becoming most widespread and dense with visibilities of less than a mile from 12 AM FRI through 11 AM FRI.
- Given the profile of winds and recent rainfall (moisture available), confidence remains slightly above normal for this event occurring. If there is one area of slightly lower confidence, the start time of this event may be too early.

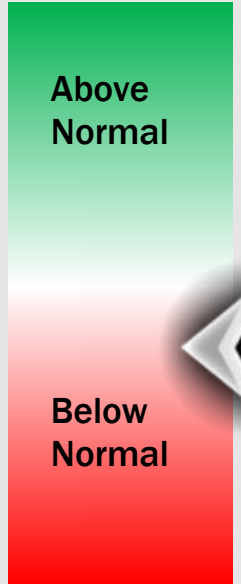
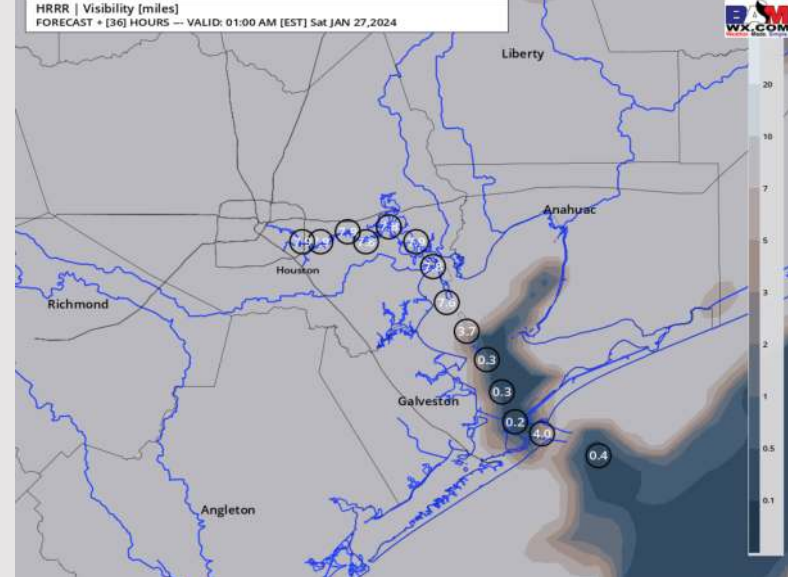
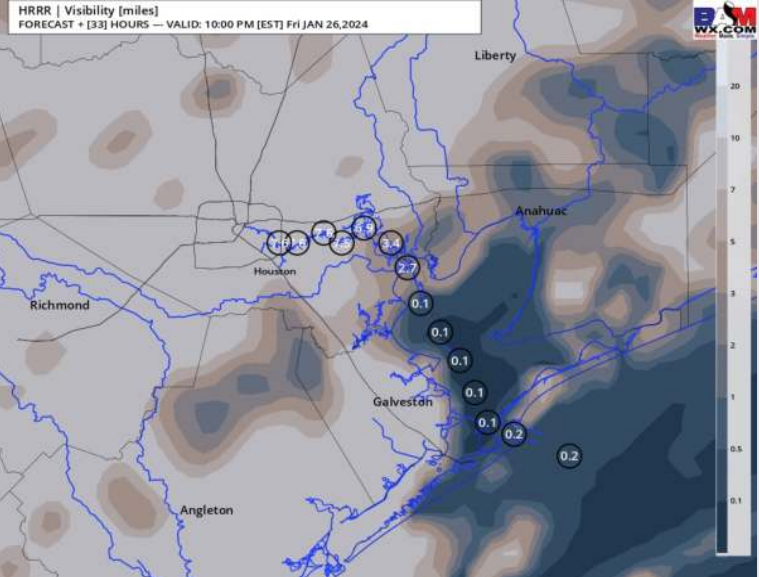
# Houston Pilots Visibility Report



## 9 PM CT FRI Visibility

## 12 AM CT SAT Visibility

## Confidence



TIMEFRAME DISCUSSED	THREAT
4 PM FRI - 1 AM SAT	Medium

- Confidence is lower than normal for patchy fog risks as pockets of rain mixing in could make it more difficult for fog development.
- **North of Morgan's Point:** Not anticipating much in the way of impacts from fog for stations N of Morgan's Point. However a few pockets of showers may create period of visibility reduced to 2 - 3 miles.
- **South of Morgan's Point:** Anticipating around 4 PM-CT FRI, patchy fog will begin forming within the Bay, impacting stations S of Morgan's Point, including the Boarding Station. This fog risk is then favored to hang around through 1 AM-CT. Visibility may be reduced to 1 - 3 miles with patchy instances of visibility being reduced to 1 mile or less.

# Houston Pilots Extended Range Visibility Report



## Sunday 1/28/24

No visibility concerns favored for Sunday.

### Forecast Confidence



## Tuesday 1/30/24

No visibility concerns favored for Tuesday.

### Forecast Confidence



## Monday 1/29/24

No visibility concerns favored for Monday.

### Forecast Confidence



## Chance for Fog

Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely



# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	4	3	3	1	1	4	5	6	7	5	3	3	2	2	2	2	2	3	2	1	0.82	
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	3	2	3	0.72	2	4	6	7	7	6	4	4	3	2	2	3	3	4	3	2	2	
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	3	2	3	0.72	3	6	7	7	8	6	6	6	4	2	2	3	3	4	4	2	5	
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	6	6	4	4	3	2	3	0.72	3	8	8	8	8	8	8	8	6	2	2	3	3	4	4	2	8	
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	7	6	4	4	3	2	3	0.72	4	8	8	8	8	8	8	8	6	2	2	3	3	4	4	2	8	
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	6	6	4	4	3	2	3	0.72	5	8	8	8	8	8	8	8	6	2	2	3	3	4	4	2	8	
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	6	6	4	4	3	2	3	4	7	8	8	8	8	8	8	8	6	4	3	3	3	4	4	2	8	
75/76	10	10	10	10	10	10	10	10	10	10	10	7	6	4	4	3	2	3	3	7	8	8	8	8	8	8	8	6	3	3	2	3	4	4	1	8	
63/64	10	10	10	10	10	10	10	10	10	10	10	7	5	4	1	2	2	3	2	6	8	8	8	8	8	8	8	6	3	4	2	2	4	3	1	8	
51/52	10	10	10	10	10	10	10	10	10	10	10	6	1	0.86	0.29	0.24	0.24	0.24	1	5	8	8	8	8	8	8	8	5	2	4	2	2	3	2	1	7	
37/38	10	10	10	10	10	10	10	10	10	10	10	6	0.48	0.53	0.29	0.24	0.24	0.24	0.55	4	7	8	8	8	8	8	6	3	2	3	2	2	2	2	1	1	6
25/26	10	10	10	10	10	10	10	10	10	10	10	4	0.46	0.53	0.29	0.24	0.24	0.24	0.24	1	5	8	8	8	8	8	5	2	2	2	2	2	2	2	1	1	5
11/12	10	10	10	10	10	10	10	10	10	7	2	0.54	0.53	0.29	0.24	0.24	0.24	0.24	1	4	8	7	7	7	6	3	2	2	2	2	2	2	2	2	1	4	
1 & 2 Bravo	10	10	10	10	10	10	7	7	6	6	1	1	0.29	0.29	0.24	0.22	0.2	0.22	1	6	6	5	5	3	2	2	2	1	2	2	2	2	2	1	0.89	1	

**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



## Example

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am		
610 Bridge	5	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	6	6	7	7	7	7	7	6	6	5	4	4	3	4	4	4	4
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Kinder 1	5	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	6	6	7	7	7	7	6	6	5	4	4	4	4	4	4	
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Greens Bayou	5	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	6	6	6	6	6	6	6	5	4	4	4	4	4	4	4	
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Shell Crude	5	5	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	6	6	6	6	6	7	7	6	5	5	5	4	4	4	4	4	
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Lynchburg Ferries	5	5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	6	6	6	6	6	7	7	6	6	5	5	5	4	4	4	4	
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Exxon 3	5	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	6	6	6	6	7	7	7	6	6	5	5	5	5	5	4	4	4	
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Morgans Point	5	5	4	4	4	4	3	3	3	3	4	3	4	3	3	3	3	4	4	5	6	7	8	9	9	10	11	11	11	9	8	8	7	7	6	6	6	
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1 & 2 Bravo	6	5	5	5	5	5	4	4	4	4	5	5	5	5	5	5	5	6	7	8	9	9	9	10	9	9	9	9	9	8	7	7	6	7	7	7	7	
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# Houston Pilots: Thu. 01/25/2024



## Forecast Discussion

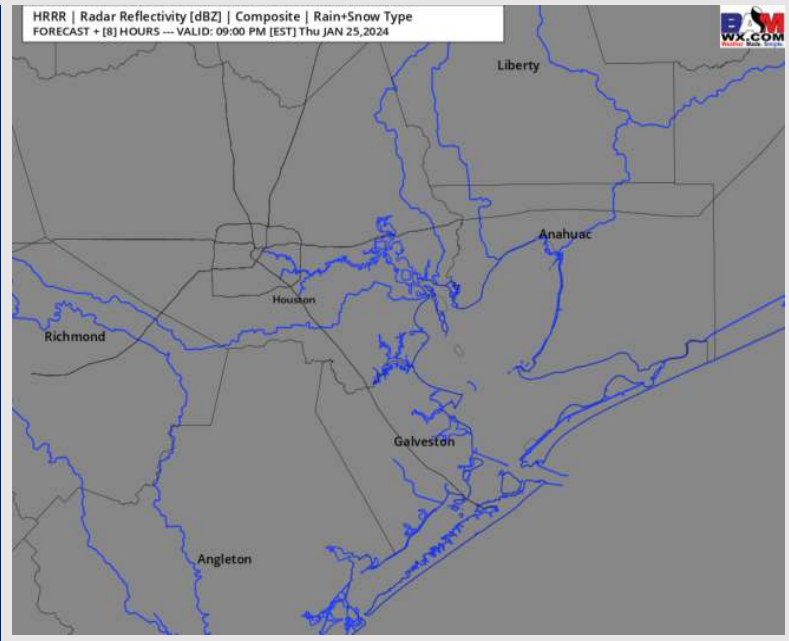
## Precip Image: 8 PM CT

**Precip:** Anticipating dry conditions throughout the rest of the day today.

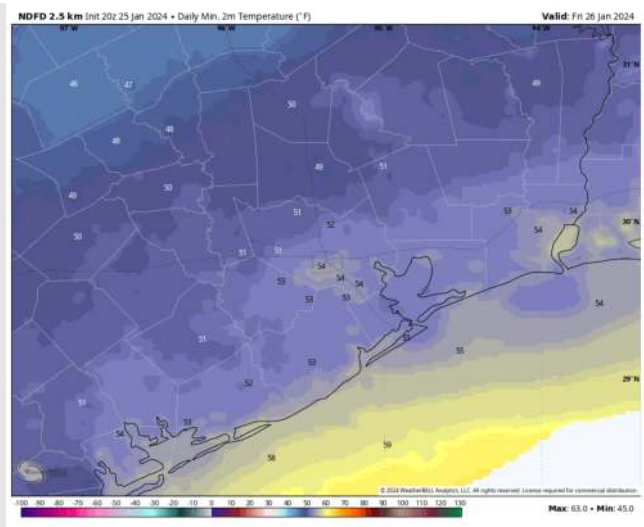
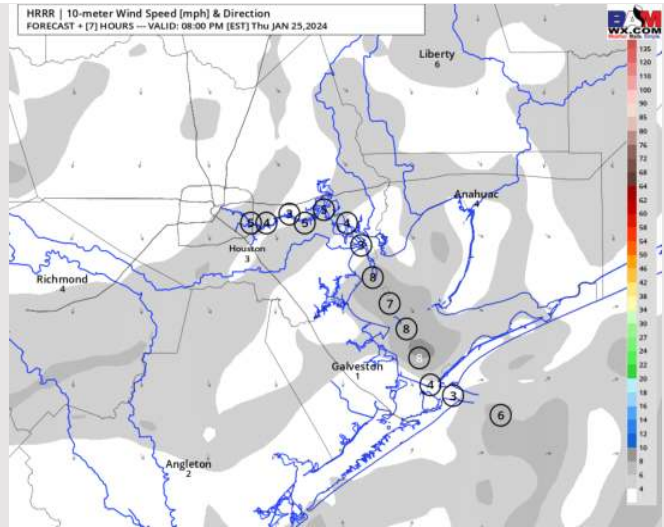
**Wind:** Winds expected to be variable until 10 PM-CT before shifting generally out of the North. **N Morgan's Point:** Winds at 3 – 8 kts favored for the rest of the day. **S of Morgan's Point:** Winds at 3 – 8 kts the rest of the day. **Gusts S. of Morgan's Point will reach 10 – 15 kts at times.**

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

**Visibility:** Monitoring potential for patchy fog, especially during the AM hours just behind the front. This fog then clears out for the early afternoon, likely returning later in the evening within the Bay.



**Wind Speeds:  
7 PM CT**



**Low Temps  
Fri AM**



# Houston Pilots: Fri. 01/26/2024



## Forecast Discussion

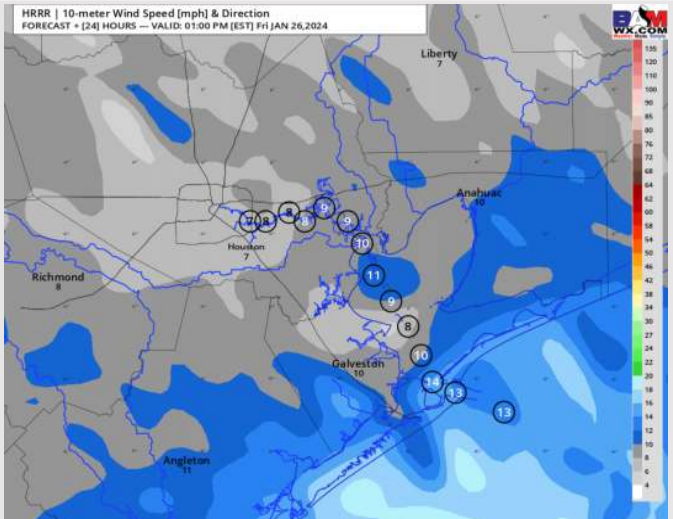
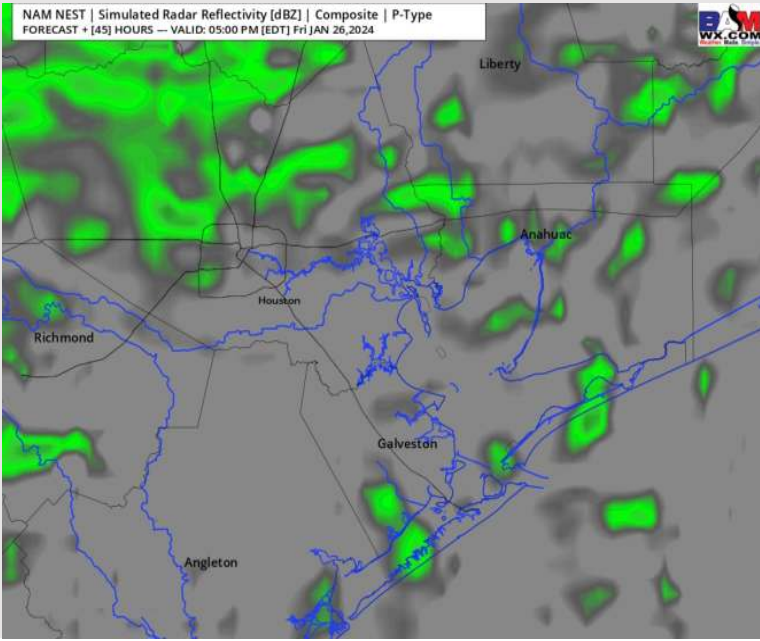
**Precip:** Lower confidence of exact timing of rain shower chances, but favoring 9 AM – 11PM to be the best potential for light showers (30%-40%) to work into the area, impacting all stations. Not favoring additional thunderstorm risks at this time.

**Wind:** Winds will start out of the Northeast and become fully out of the Southeast by 10PM. **N of Morgan's Point:** 4-9 kts favored for the entire day. **S of Morgan's Point:** 8 - 12 kts sustained for the entire day.

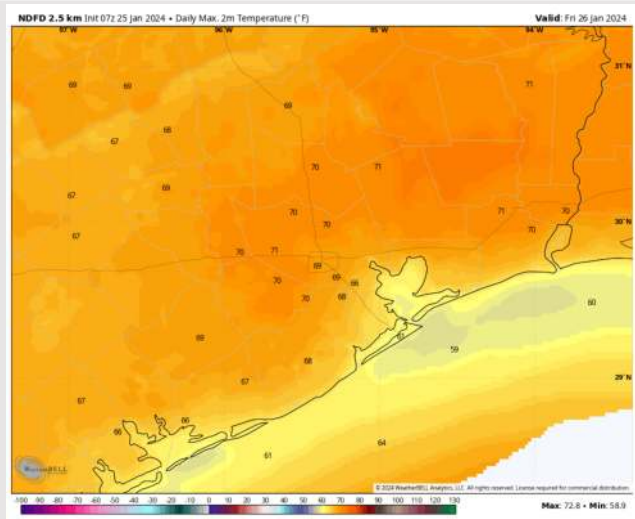
**High Temps:** **N of Morgan's Point:** Upper 60s F / Near 70 **S of Morgan's Point:** Lower 60s F to upper 50s F.

**Visibility:** Confidence on exact timing remains low, but sea fog for Friday AM remains a risk. Patchy to widespread fog remains possible for late Friday evening, but will be highly dependent on weak front passage.

## Precip Image: 4 PM CT



Wind Speed:  
12 PM CT



High Temps  
Friday



# Houston Pilots: Sat. 01/27/2024



## Forecast Discussion

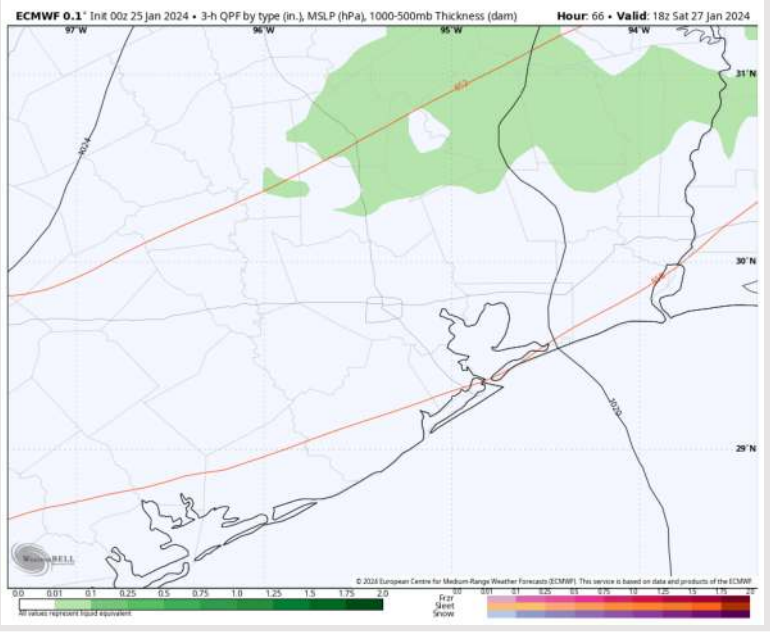
**Precip:** Scattered showers will be possible for stations N of Morgan's point between 10AM and 3PM. Favoring dry conditions for the remainder of the day.

**Wind:** Winds will be out of the NW for the entire day. **N Morgan's Point:** Winds will be 6 – 9 kts through 7AM, before becoming 9 – 13 kts for the remainder of the day. **S of Morgan's Point:** Winds will start at 6 – 9 kts through 7AM, before becoming 11 – 16kts for the remainder of the day. A few gusts of up to 20 kts can't be ruled out.

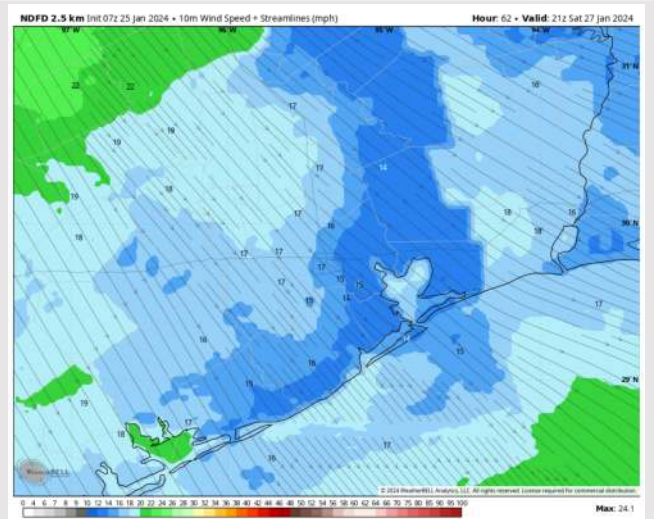
**High Temps:** **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Upper 50s F

**Visibility:** Not favoring additional visibility concerns at this time.

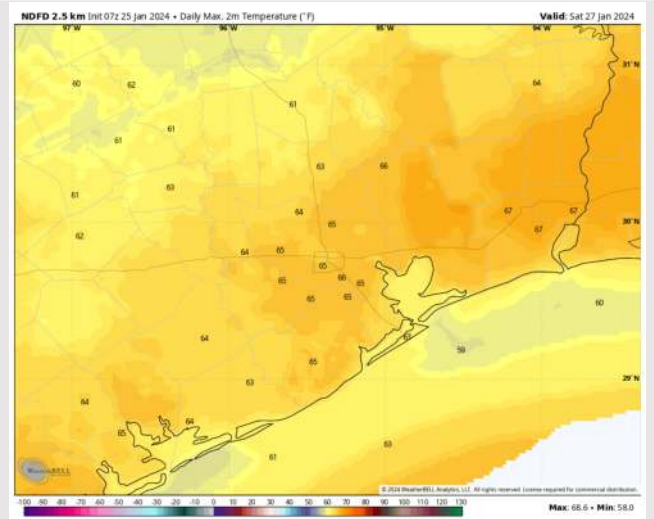
## Precip Image: 12 PM CT



Wind Speed:  
3 PM CT

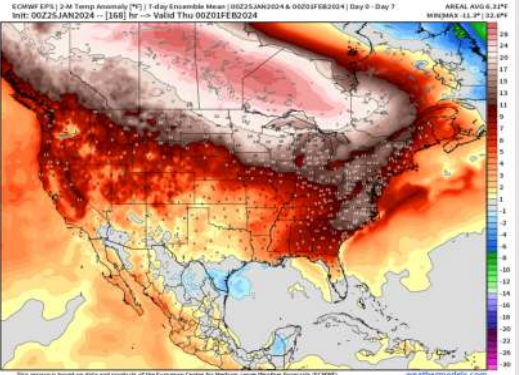


High Temps  
Saturday

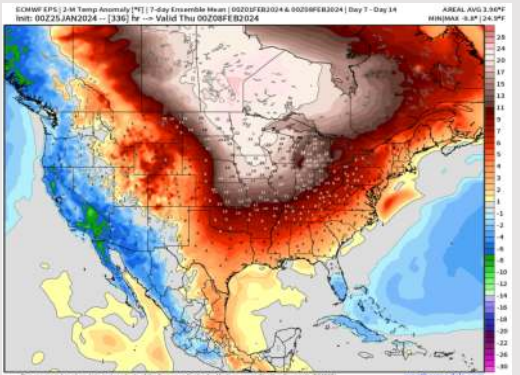


# Houston Pilots: 1/25/24

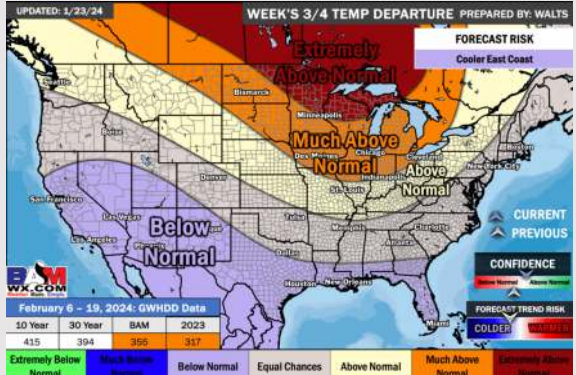
**Next 7 Day Temperature Departure**



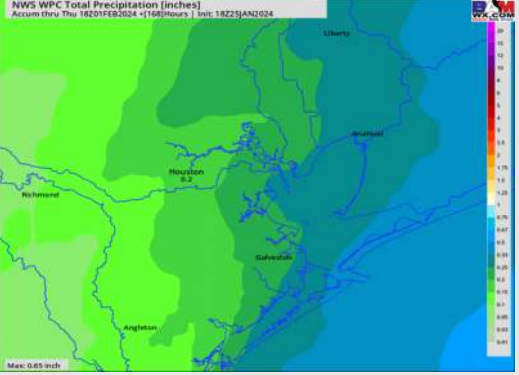
**8-14 Day Temperature Departure**



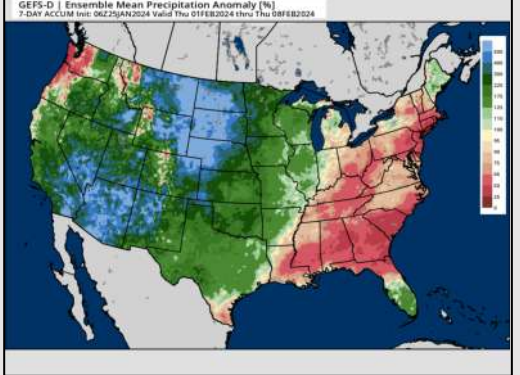
**15-30 Day Temperature Departure**



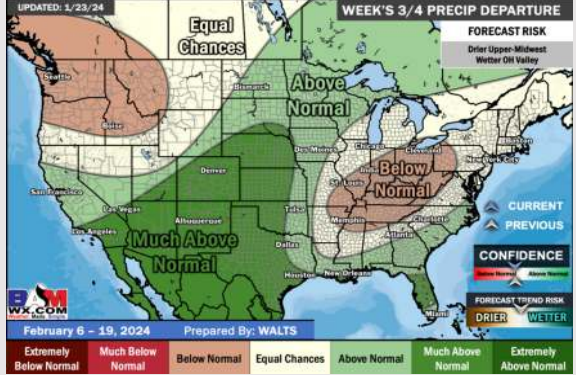
**Next 7 Day Total Precipitation**



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



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



- A few rain opportunities will work through Friday and Saturday. Slightly above normal to near normal temperatures favored for the week ahead.
- Near normal precipitation chances are at play during the week 2 timeframe. Temps expected to be above normal.
- Below normal temperatures and much above normal chances for precipitation are favored in the weeks ¾ timeframe.