

# Houston Pilots Forecast Package



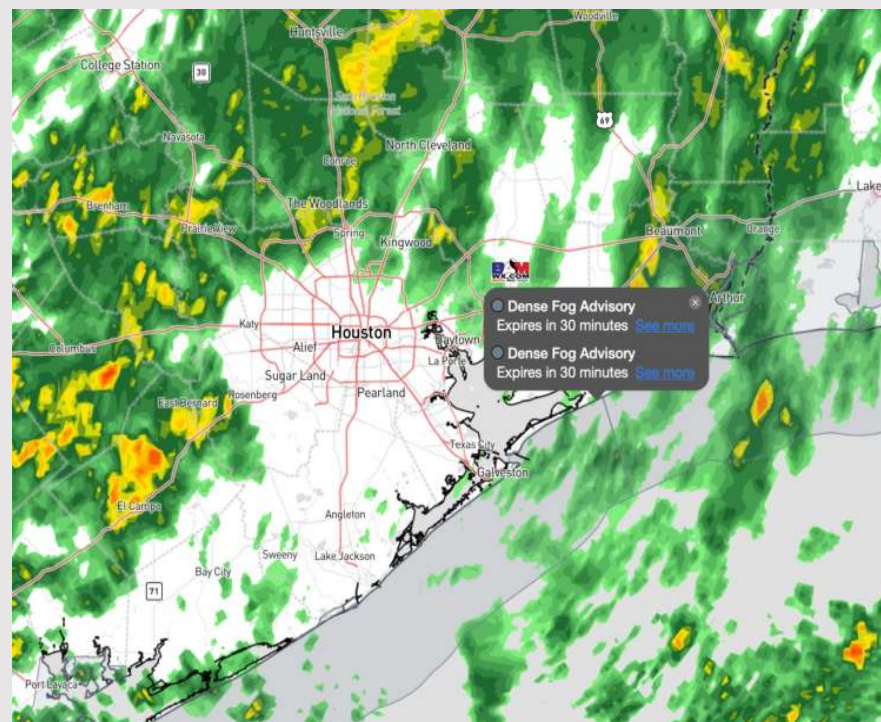
Updated: 9:30 AM CT

Wednesday, January 24, 2024

Forecaster: John Kemper

## Weather Headlines

- **\*Updated Visibility Section through 3 PM below.**
- Winds generally stay rather light under 15 knots over the next 72 hours outside of storm induced gusts.
- **Sea fog threats continuing into Thursday morning, often mixing with rain. Lower confidence exists for exact coverage into Thursday. Please see visibility slides for more info.**



**Radar/NWS Alerts: 9:30 AM CT**



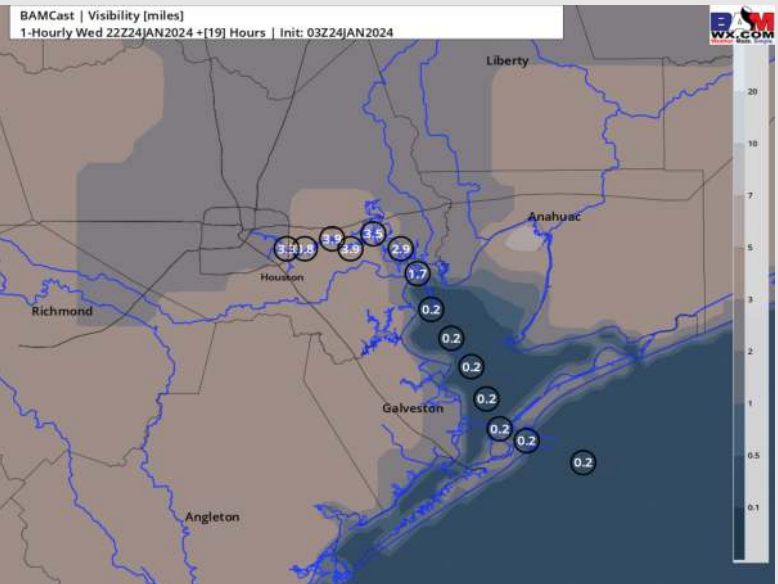
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.



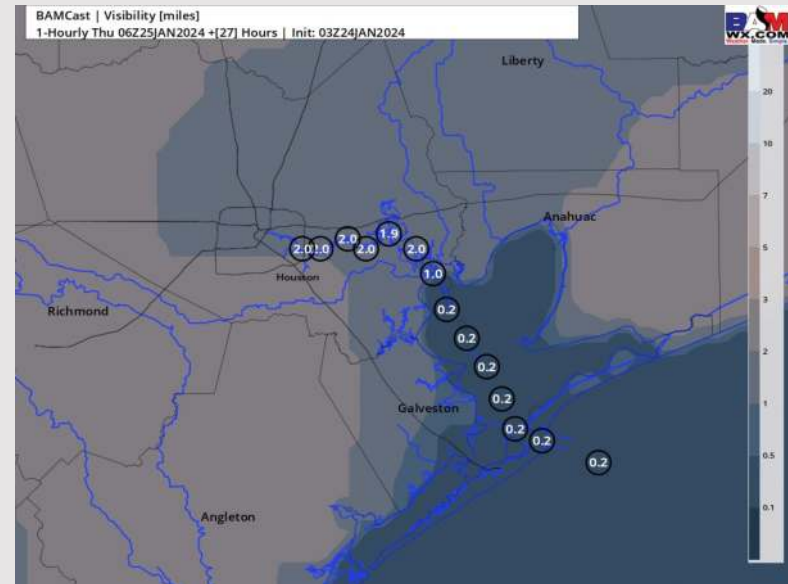
# Houston Pilots Visibility Report



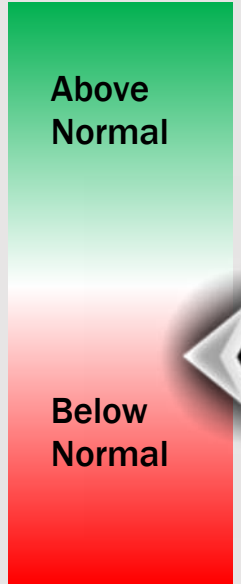
## 4 PM CT WED Visibility



## 12 AM CT THU Visibility



## Confidence



TIMEFRAME DISCUSSED	THREAT
12 PM WED – 6 AM THU	High

- Favoring into the 3-5 PM timeframe for fog to work back in to stations S of Exxon Station as southeasterly winds reestablish themselves. Lower confidence exists on when these winds can fully shift to the southeast, which keeps the exact timing and duration of the return of sea fog in question. Visibilities of less than a mile will be likely.
- Fog risks for stations N of Exxon Station will likely not materialize until after 12AM-CT when visibilities of less than 1 mile will gradually begin to be possible, but favoring this to be patchier in nature as another weak front pushes in from the northwest.
- Favoring fog potential for all stations to gradually end by 6AM, especially for locations S of Exxon station as sea fog is “cut off” but northwesterly winds.
- The risks to the forecast is if storms can arrive earlier, this would end fog risks for all location. Current timing of storms is between 5 – 8AM for all stations.

# Houston Pilots Extended Range Visibility Report



## Saturday 1/27/24

Monitoring potential for patchy to widespread fog, especially during the AM hours on Saturday. If front can push through quicker, this will eliminate the risk.



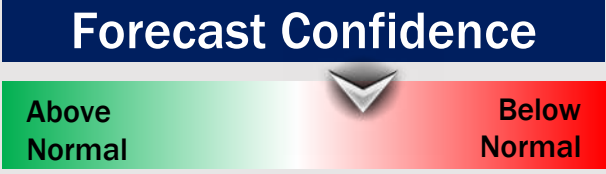
## Monday 1/29/24

No visibility concerns favored for Monday.



## Sunday 1/28/24

No visibility concerns favored for Sunday.



## Chance for Fog

Saturday AM	Possible
Saturday PM	Low-End
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely



# Houston Pilots Visibility Chart (miles)



**Forecast Confidence**

Above Normal

▼

Below Normal

Time	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm			
610 Bridge	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	3	3	3	3	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	
Kinder 1	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	4	2	4	4	4	4	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	
Greens Bayou	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	5	2	5	5	5	5	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	
Shell Crude	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	6	3	5	5	5	5	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	
Lynchburg Ferries	3	3	4	3	3	2	2	2	2	3	3	3	3	3	3	3	2	6	3	5	5	5	5	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	
Exxon 3	3	3	4	3	3	2	2	2	2	2	3	3	3	3	3	3	2	6	5	5	5	5	5	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	
Morgans Point	3	3	4	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	6	5	5	5	5	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	
75/76	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	3	6	5	5	5	5	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	
63/64	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	4	6	5	5	5	5	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10
51/52	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	2	3	4	5	5	3	4	4	4	7	8	8	9	10	10	10	10	10	10	10	10	9	7	
37/38	2	3	3	3	3	2	2	2	2	2	3	3	3	3	2	2	3	3	4	5	1	3	2	1	2	6	6	7	8	9	10	9	9	9	9	8	6		
25/26	2	3	3	3	3	2	2	2	2	2	2	2	3	2	2	0.7	4	3	5	5	1	3	1	1	3	4	6	6	6	8	8	8	8	7	8	6	6		
11/12	2	3	3	3	3	2	2	2	2	2	3	2	3	2	2	0.48	3	3	3	3	0.73	2	1	1	4	2	4	6	6	7	7	6	6	6	6	6	5		
1 & 2 Bravo	2	3	2	2	3	2	3	2	1	2	2	2	2	2	2	0.48	5	0.77	0.46	1	0.4	3	1	1	3	2	3	4	5	5	5	5	5	5	5	5	4		

**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	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	
610 Bridge	4	5	5	6	6	7	7	6	5	6	5	5	5	4	4	4	4	6	8	7	6	5	5	5	6	6	6	5	5	5	4	4	4	4	3	2	3
	ENE	ENE	NNE	NNE	NE	NE	NE	NE	NE	ENE	E	ENE	ENE	ENE	ENE	NNW	NNW	NNW	NW	NW	E	NNE	N	NNW	NNW	NNW	NNW	NNW	NNW	N	N	WSW	WSW	NNW	N	NW	
Kinder 1	4	5	5	6	6	7	6	6	5	6	5	5	5	4	4	4	4	6	8	7	6	6	5	5	6	5	6	5	5	4	4	4	3	3	3	3	
	ENE	ENE	NNE	NNE	NE	NE	NE	NE	NNE	NE	ENE	E	ENE	ENE	ENE	E	NNW	NNW	NNW	NW	NNW	ENE	ENE	N	NNW	NNW	NNW	NNW	NNW	NNW	N	N	SSW	WSW	N	WNW	
Greens Bayou	4	5	5	6	6	7	6	6	6	6	5	5	5	4	4	4	5	6	8	7	7	6	5	5	6	5	6	5	5	5	4	4	3	3	3	3	
	E	ENE	NNE	NNE	NE	NE	NE	NE	NNE	NE	ENE	E	ENE	ENE	ENE	E	NNW	NNW	NW	NW	NNW	N	SSE	NNW	NNW	NNW	NNW	NNW	NNW	N	N	SSW	SSW	N	SSE		
Shell Crude	5	5	5	6	6	7	6	6	6	6	5	5	5	4	4	4	5	6	8	7	7	6	5	5	6	5	6	6	6	5	5	4	4	3	3	3	3
	ENE	ENE	NNE	NNE	NE	NE	NE	NE	NNE	NE	ENE	E	ENE	ENE	ENE	E	NNW	NNW	NW	NW	NNW	N	SSW	W	NNW	NNW	NNW	NNW	NNW	NNW	N	N	SSW	E	N	ENE	
Lynchburg Ferries	5	5	5	6	6	7	6	6	6	6	5	5	5	4	4	4	5	5	8	7	7	6	6	5	6	6	6	6	6	6	5	5	4	4	3	3	3
	ENE	ENE	NNE	NNE	NNE	NE	NE	NE	NNE	NE	ENE	E	ENE	ENE	E	NNW	NNW	NW	NW	NNW	N	SE	N	NNW	NNW	NNW	NNW	NNW	NNW	N	N	WNW	S	NNW	NNE		
Exxon 3	5	5	5	6	6	7	6	6	6	6	5	5	5	4	4	4	5	5	7	7	7	7	6	6	6	6	6	6	6	5	5	5	4	4	3	3	3
	ENE	ENE	NE	NNE	NNE	NNE	NE	NE	NE	NE	ENE	E	E	E	E	WNW	NW	NW	NW	NNW	N	E	NE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	SE	WSW	NE	
Morgans Point	5	5	5	6	6	7	7	7	7	7	6	6	6	5	4	4	5	5	7	8	8	7	6	6	6	6	6	6	6	6	5	4	4	4	4	4	4
	ENE	NE	NE	NNE	NE	NE	NE	NE	ENE	NE	E	E	E	E	ENE	E	SSE	NW	NW	NW	NNW	NNE	NE	NNE	NNW	NNW	NNW	NNW	NNW	NNW	N	N	E	SSW	E	E	
75/76	6	6	6	6	7	7	7	8	8	8	7	6	7	7	6	5	6	5	7	9	9	8	8	8	8	7	7	6	6	6	6	6	5	5	5	5	5
	NE	NE	NE	NNE	NE	NE	NE	NE	ENE	ENE	E	E	E	ENE	E	SSE	NNW	NW	NW	NNW	NNE	NNE	NNE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	WSW	S	NNE	SSE	ENE		
63/64	9	9	9	10	10	10	10	10	9	8	7	6	7	7	6	5	6	6	7	9	9	8	8	8	7	7	6	6	6	6	6	6	6	5	5	5	5
	ENE	NE	NNE	NNE	NNE	NE	NE	ENE	ENE	ENE	E	E	E	ENE	E	SSE	NW	NNW	NW	NNW	ESE	NNE	NNE	SE	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	
51/52	7	6	6	6	6	6	7	7	8	8	6	6	6	6	5	6	6	6	7	9	8	8	8	8	7	7	6	6	6	6	6	5	5	4	3	3	
	NE	NE	NE	NNE	NE	NE	NE	NE	NE	ENE	E	E	E	E	E	ESE	NW	NW	NW	NNW	W	NNE	NNE	NNE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	
37/38	6	6	6	7	7	7	7	7	7	7	6	5	5	7	6	6	6	6	7	8	8	8	8	8	8	7	7	7	7	7	6	6	5	5	3	3	3
	NE	NE	NE	NNE	NE	NE	NE	NE	ENE	ENE	E	E	E	E	E	E	ESE	E	ENE	NW	NNW	NW	NNW	NNW	N	NNE	NNE	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	
25/26	6	6	6	7	7	7	7	7	7	7	6	5	5	7	6	6	6	6	6	8	8	8	8	7	7	7	7	7	7	7	6	6	5	4	3	3	3
	NE	NE	NE	NE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	E	E	E	WNW	NNW	NW	NNW	NNW	ENE	N	NNE	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
11/12	6	6	6	7	7	7	7	7	7	7	6	5	5	7	6	6	6	6	7	8	8	8	8	8	7	7	7	7	7	6	6	5	5	4	3	3	3
	NE	NE	NE	NE	ENE	NE	NE	ENE	ENE	ENE	NE	ENE	ENE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
1 & 2 Bravo	7	8	6	7	7	7	7	7	8	7	7	8	9	9	8	9	8	8	8	8	8	8	8	8	7	7	7	7	7	6	6	6	6	5	5	5	5
	NNE	NE	NE	NE	ENE	NE	ENE	ENE	ENE	NE	ENE	E	E	E	E	E	W	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW

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



## Forecast Discussion

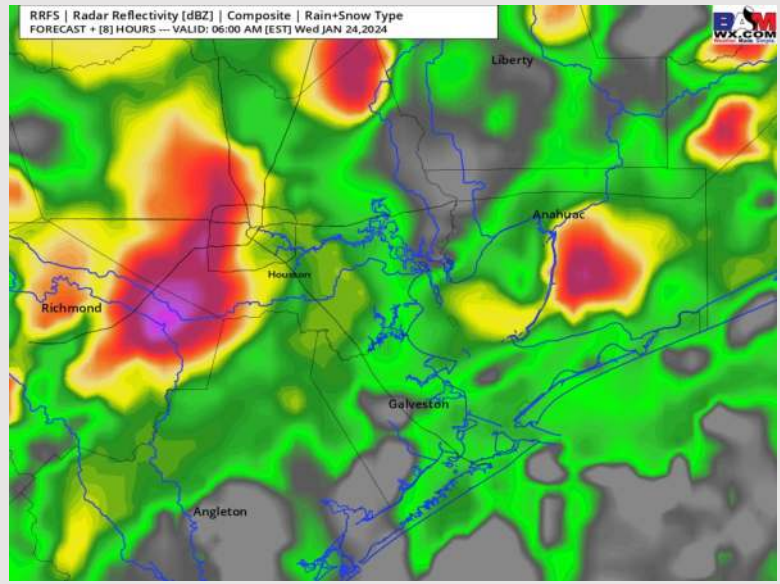
**Precip:** Scattered showers will continue across the area, with scattered storms to move in just after 4AM, with greatest widespread coverage (90% chance) after 5AM through at least 8AM. All storms during this period will have a **low-end risk for strong to severe risks, with large hail and gusty winds of up 40 - 50 kts.** After 8 AM coverage will become more hit/miss to scattered (40 -60%) for the remaining AM hours. 30% chance of scattered storms and showers for the remainder of afternoon.

**Wind:** Winds will variable in direction throughout the day. Outside of thunderstorm gust potential, **N Morgan's Point:** Winds will be 2-7 kts throughout the day. **S of Morgan's Point:** Winds at 7-12 kts in the early AM will decrease to 4-9 kts by 12 PM. Winds will increase back to 7 - 12 kts after 8PM. Winds at the Boarding Station will remain slightly higher at 5-10 kts for the entire day.

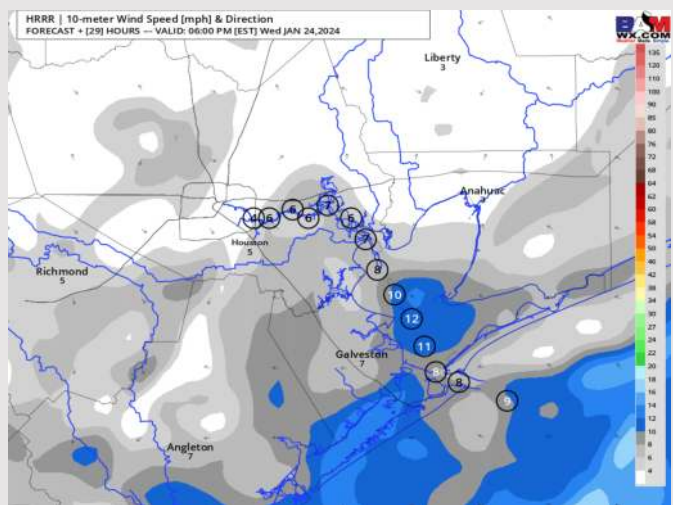
**High Temps:** **N of Morgan's Point:** Upper 60s F. **S of Morgan's Point:** Lower 60s F

**Visibility:** Due to the continued moisture tap from the south with a lack of low-level winds, dense fog will likely be at play, especially south of Morgan's Point into the mid AM hours of Wednesday. Visibility likely continues to remain less than 3 mi.

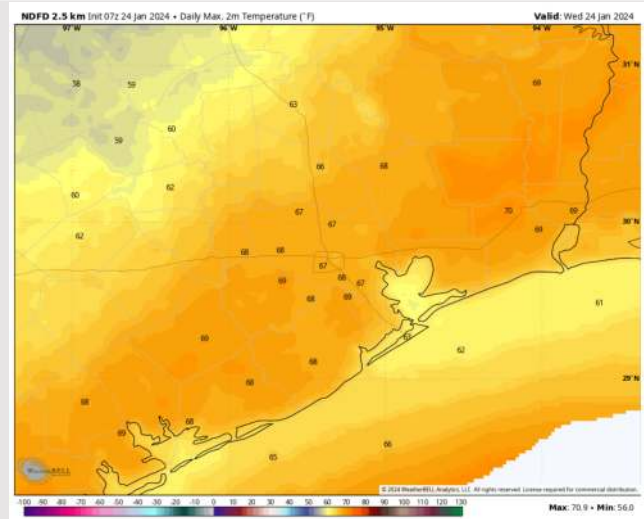
## Precip Image: ~5:30 AM CT



Wind Speed:  
5 PM CT



High Temps  
Today



## Forecast Discussion

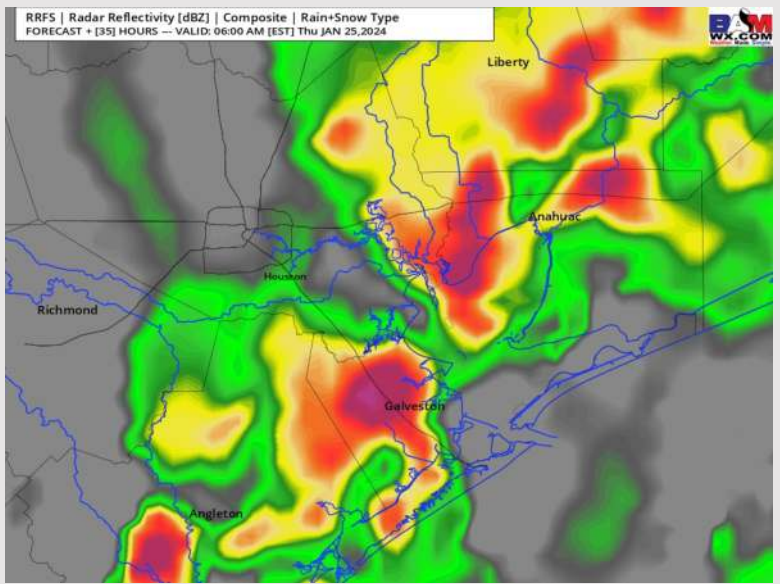
**Precip:** Monitoring potential for a line of strong storms to work in between 5AM and 7AM CT. Lower confidence on intensity, but favoring a low end risk for wind gusts of 35 - 45 kts to be possible.

**Wind:** Winds settle out of the NNW by 7 AM behind the front, then will begin to rotate clockwise from the NE in the late PM (post 10 PM) **N Morgan's Point:** 5 - 10 kts sustained. In the early PM winds lighten to 3- 8 kts. **S of Morgan's Point:** 7 -12 kts through 2 PM, decreasing to 3-8 kts after that time. **Non Thunderstorm wind gusts of 25 - 28. kts will be possible for all stations between 2AM - 5AM prior to storms arrival.**

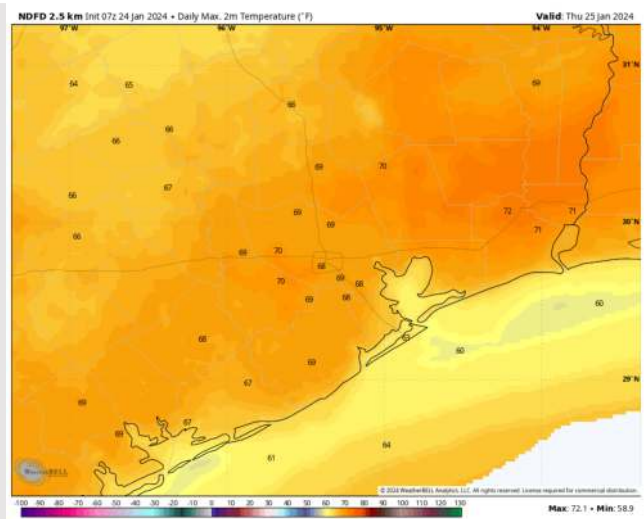
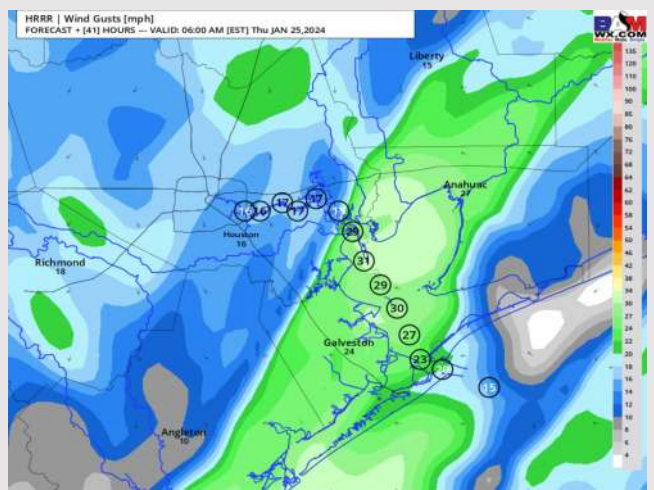
**High Temps:** **N of Morgan's Point:** Upper 60s F. **S of Morgan's Point:** Low 60s F.

**Visibility:** Monitoring potential for patchy to widespread fog, especially during the AM hours with start time dependent on exit of storm chances across the area

## Precip Image: ~6 AM CT



Wind Gusts:  
5 AM CT



High Temps  
Thursday



# Houston Pilots: Fri. 01/26/2024



## Forecast Discussion

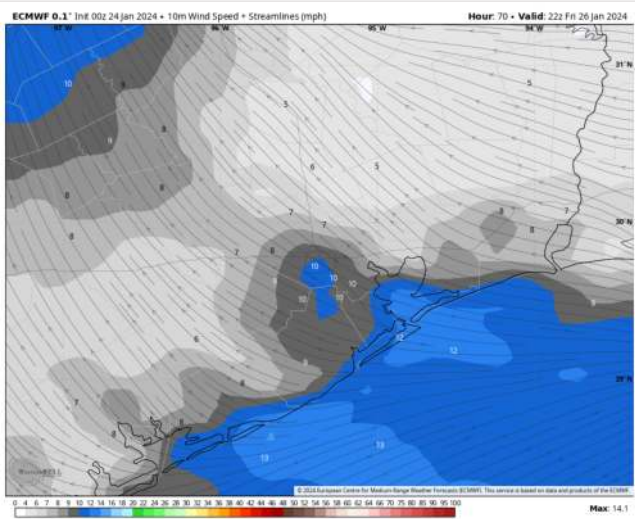
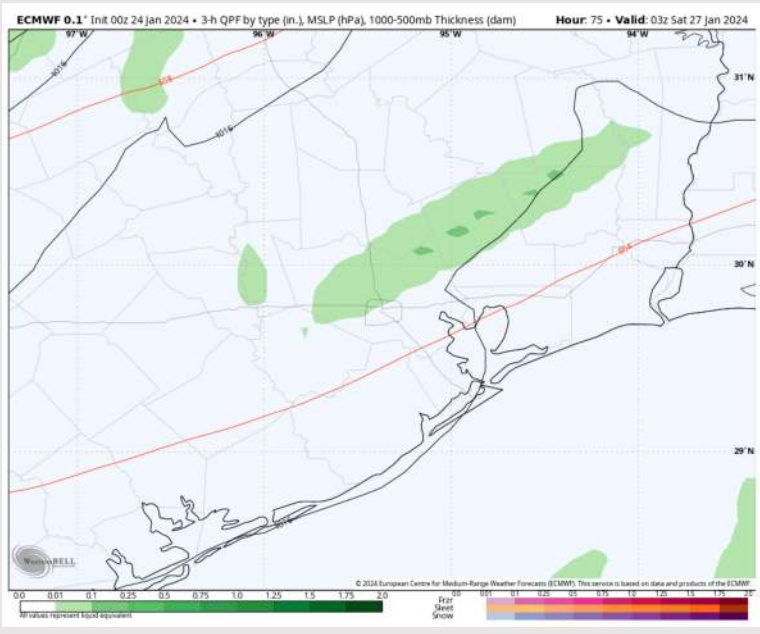
**Precip:** Lower confidence of exact timing of rain shower chances, but favoring 6 – 11PM to be the best potential for light showers to work into the area, impacting all stations. Not favoring additional thunderstorm risks at this time.

**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.

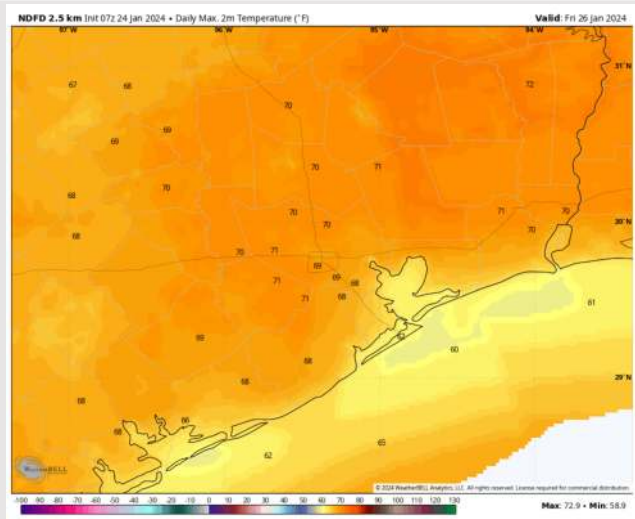
**High Temps:** **N of Morgan's Point:** Upper 60s F / Near 70 **S of Morgan's Point:** Lower 60s F to upper 50s F.

**Visibility:** Patchy to widespread fog remains possible for late Friday evening, but will be highly dependent on timing of another weak front.

## Precip Image: 9 PM CT



Wind Speed:  
12 PM CT

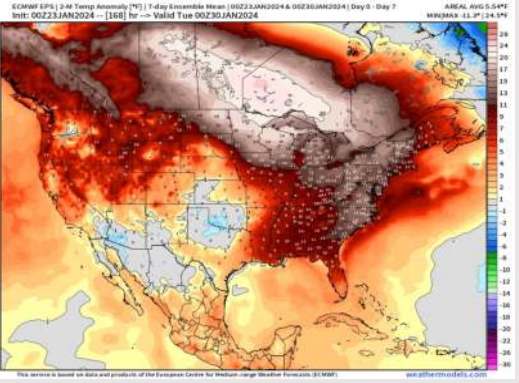


High Temps  
Friday

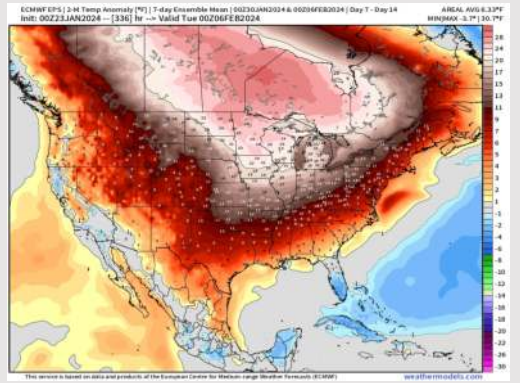
# Houston Pilots: 1/24/24



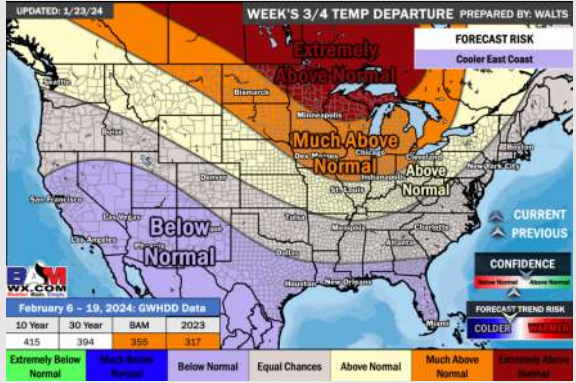
**Next 7 Day Temperature Departure**



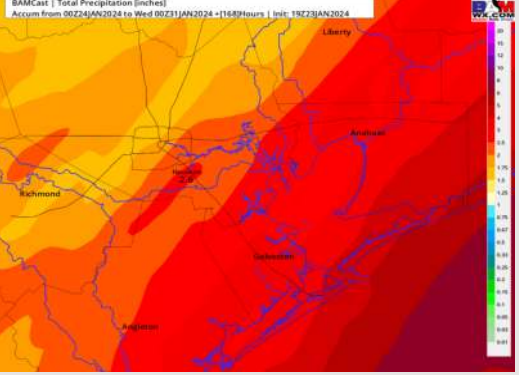
**8-14 Day Temperature Departure**



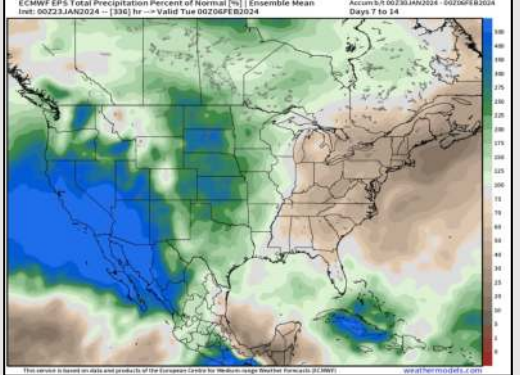
**15-30 Day Temperature Departure**



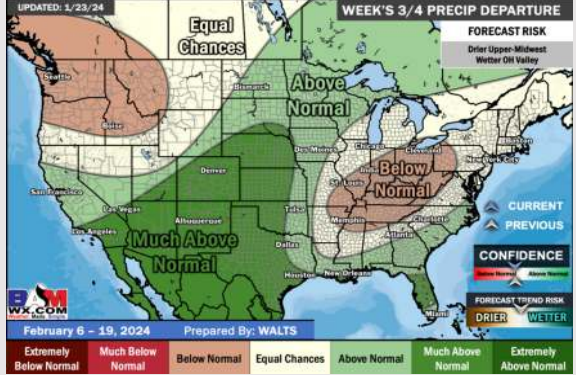
**Next 7 Day Total Precipitation**



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



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



- Additional rainfall this week through Thursday can produce 2-3” of rain with locally higher amounts. Above normal temperatures favored for the week ahead.
- Slightly above 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.