

Houston Pilots Forecast Package



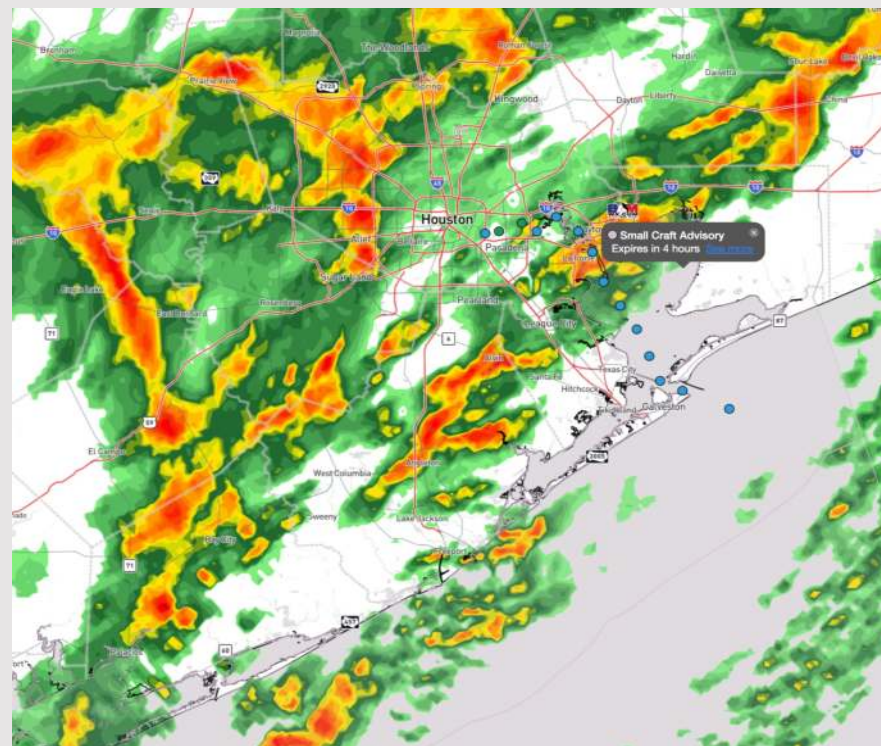
Updated: 1:45 AM CT

Thursday, January 25, 2024

Forecaster: John Kemper

Weather Headlines

- Stronger wind gusts of up to 40-50 kts will be a low end risk associated with all Thunderstorms moving through the area this morning!
- Sea fog threats continuing this evening, often mixing with rain. Lower confidence exists for exact coverage into Thursday and Friday. Please see visibility slides for more info.
- While winds will slightly increase for Saturday, not favoring additional fog concerns for the weekend.



Radar/NWS Alerts: 1:30 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.

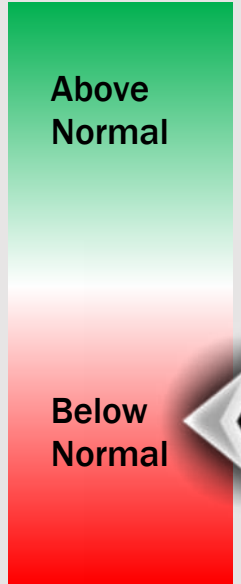
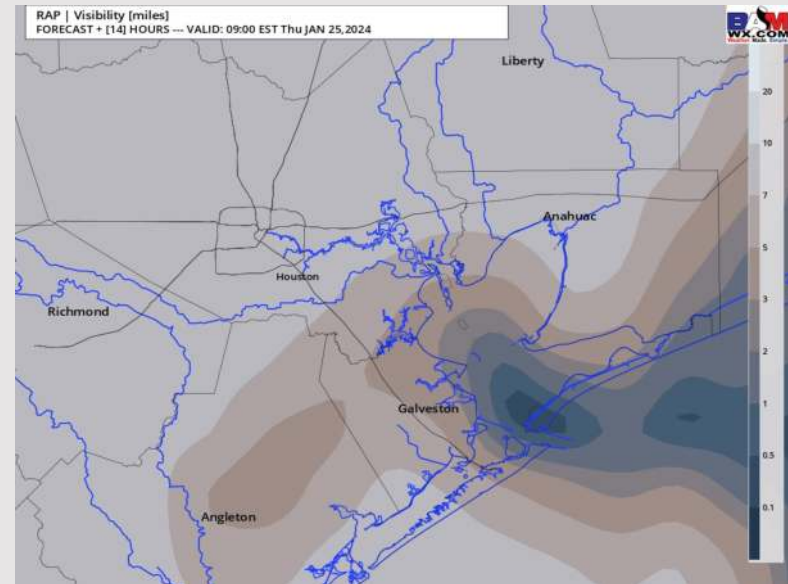
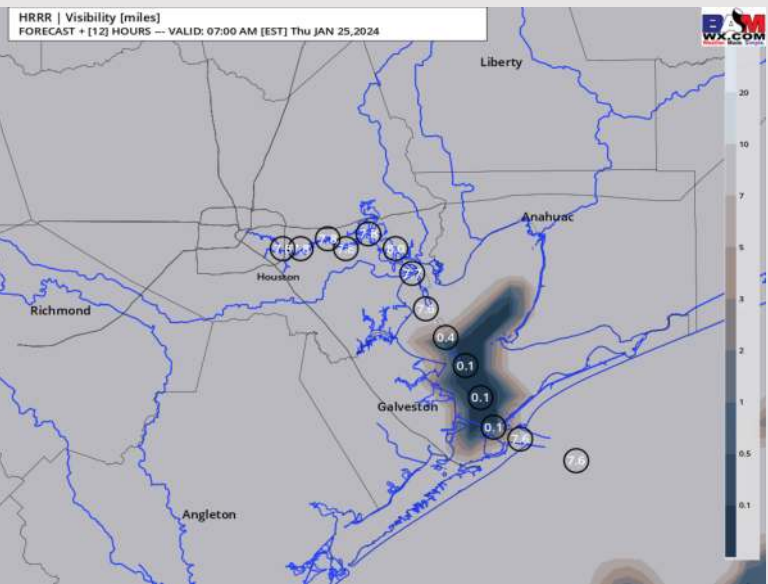
Houston Pilots Visibility Report



6 AM CT THU Visibility

8 AM CT THU Visibility

Confidence



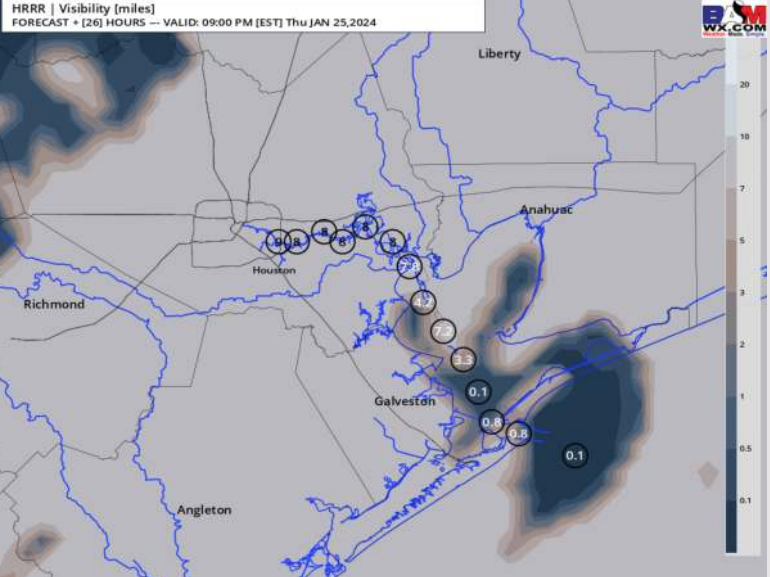
TIMEFRAME DISCUSSED	THREAT
6 AM - 11 AM THU	Low

- Confidence is lower than normal for patchy fog risks south of Morgan's Point due to temperature differences / progression of cold front.
- **North of Morgan's Point:** With orientation of winds, patchy fog can't be ruled out, but not favoring visibilities to drop below 2 miles for any station. Simulated visibility graphics above do not reflect this.
- **South of Morgan's Point:** Once the front passes ~5:30AM-CT, patchy fog may begin to develop for stations S of Morgan's Point. Any fog that develops will likely linger on through the late morning hours, before fully burning off by 11AM. Visibilities of less than one mile can't be ruled out, but will be localized in nature.
- This risk does include 11/12 and the Boarding Station, despite simulated visibility graphic not including this risk.

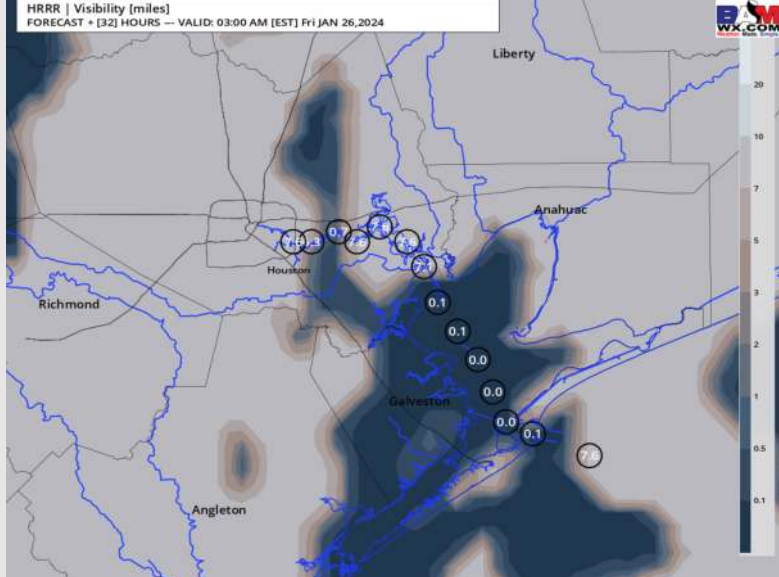
Houston Pilots Visibility Report



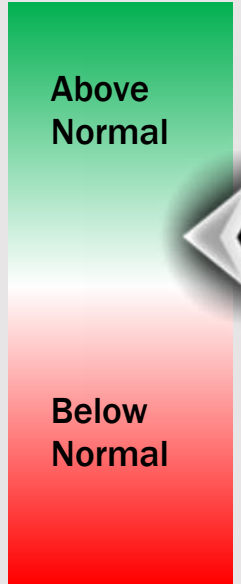
8 PM CT THU Visibility



2 AM CT FRI Visibility



Confidence



TIMEFRAME DISCUSSED	THREAT
7 PM THU - 9 AM FRI	Medium-High

- Confidence increasing that dense, sea fog will be favored for Thursday evening into Friday morning.
- N of Morgan's Point: Best Potential for Sea Fog to work into area will begin around 10PM and continue to remain possible through ~ 9AM. Greater risk for dense fog will remain south, but visibilities of less than a mile can't be ruled out in a localized fashion.
- S of Morgan's Point: Dense fog will begin to work into the area at ~7PM CT. Fog coverage will expand from southeast to northwest, with greatest potential for visibilities of less than a mile from 10PM THU through 7AM 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 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 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	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	
610 Bridge	6	4	5	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	0.48	0.24	0.24	0.24	0.24	0.24	0.24	0.24	6	10	10	10
Kinder 1	6	4	5	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	2	2	2	2	2	1	0.7	2	7	10	10	10
Greens Bayou	6	5	5	6	6	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	5	4	4	3	4	3	2	3	7	10	10	10	
Shell Crude	6	5	4	6	5	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	6	6	6	5	6	3	2	5	8	10	10	10
Lynchburg Ferries	6	5	4	6	5	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	6	6	6	5	6	4	3	5	8	10	10	10
Exxon 3	6	5	4	6	5	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	6	6	6	5	6	4	3	6	8	8	10	10
Morgans Point	6	6	4	6	5	6	6	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	6	6	6	5	6	5	5	8	8	8	10	8
75/76	6	5	4	6	5	6	6	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	6	6	6	5	6	5	5	8	8	8	8	8
63/64	6	5	2	6	5	6	6	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	6	6	6	6	5	6	4	4	8	8	8	8	7
51/52	6	4	2	4	5	6	6	5	8	10	10	10	10	10	10	10	10	10	10	10	10	10	6	6	5	4	4	4	4	4	2	4	7	8	8	7	6
37/38	5	4	2	4	4	5	4	4	8	10	10	10	10	10	10	10	10	10	10	10	10	9	6	6	5	3	3	2	1	1	2	3	7	8	8	6	6
25/26	4	4	2	4	4	4	4	4	6	10	10	10	10	10	10	10	10	10	10	10	10	8	6	6	5	4	2	1	0.48	0.63	2	2	6	8	7	5	5
11/12	4	2	2	4	4	4	4	4	6	10	10	10	10	10	10	10	10	10	10	10	10	8	6	5	5	3	2	1	0.48	0.63	2	4	7	8	6	5	5
1 & 2 Bravo	3	2	2	3	3	4	4	4	6	10	10	10	10	10	10	10	9	9	9	8	8	8	8	4	3	2	1	0.37	0.37	0.37	2	6	8	7	4	3	3

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 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	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
610 Bridge	5	7	10	10	10	7	5	5	5	6	6	6	5	4	4	4	3	3	2	2	2	2	2	3	3	2	3	3	3	3	3	4	5	5	6	6
	8	10	15	16	15	11	8	7	8	8	9	8	7	7	6	6	5	4	4	4	3	4	4	5	4	4	4	4	4	5	6	7	8	9	9	
	SSE	NNW	NNW	NNW	N	NNE	NNE	SW	N	N	N	N	N	N	N	NNW	N	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE	ENE
Kinder 1	5	6	9	10	10	7	5	5	5	6	6	6	5	4	4	4	3	3	2	2	2	2	2	3	3	2	3	2	3	3	3	4	5	5	6	6
	8	10	14	16	15	11	8	7	8	8	9	8	7	7	6	6	5	4	4	4	4	4	4	5	4	4	4	4	5	6	7	8	8	9	9	
Greens Bayou	WSW	NNW	NNW	NNW	N	NNE	NNE	SW	N	N	N	N	N	N	NNW	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE
	5	6	8	10	10	7	5	5	5	6	6	6	5	4	4	4	3	2	2	2	2	2	2	3	3	3	2	2	3	3	4	5	5	6	6	6
Shell Crude	8	9	13	15	15	11	8	7	8	8	9	8	7	7	6	6	5	4	4	4	4	4	4	5	4	4	4	4	5	6	8	8	8	8	8	8
	NNW	NNW	NNW	NNW	N	NNE	NNE	NNW	N	N	NNW	N	N	N	NNW	NNW	N	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE
Lynchburg Ferries	5	6	8	10	9	7	5	5	5	6	6	6	5	4	4	4	3	3	2	2	2	2	2	3	3	3	3	2	2	3	4	4	5	5	6	6
	7	9	12	15	14	11	8	7	8	8	9	8	7	7	6	6	5	4	4	4	4	4	4	4	5	4	4	4	4	5	6	8	8	8	8	8
Exxon 3	W	NNW	NNW	NNW	N	NNE	NNE	S	NW	N	NNW	NNW	NW	NW	NNW	NNW	WSW	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE
	5	6	8	10	9	8	6	5	6	6	6	6	5	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	6	6	6
Morgans Point	7	9	11	14	14	12	9	8	8	8	9	8	8	8	7	7	6	5	4	4	4	4	5	5	5	5	5	5	5	7	8	9	9	9	9	9
	SE	NNW	NNW	NNW	NNW	N	NNE	NE	W	NW	NNW	NW	W	W	NNW	NNW	SSE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE	ENE
75/76	6	6	8	10	10	9	7	6	6	6	6	6	5	5	5	4	4	4	4	3	3	4	4	4	4	4	3	3	4	4	5	5	6	6	6	6
	ENE	NNW	NNW	NNW	NNW	NNE	NNE	NNE	SSE	WSW	N	NNW	SW	WSW	NNW	NNW	NNE	NE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE
63/64	6	7	9	10	11	10	9	8	7	7	6	6	6	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	5	6	7	7	8	7	6
	7	8	10	12	13	12	10	8	8	8	9	9	10	9	8	8	8	6	5	4	4	4	4	4	5	4	4	4	4	5	6	7	8	9	9	10
51/52	NE	NNW	NNW	NNW	N	NNE	NNE	ENE	N	N	NNW	WNW	W	NW	NW	NE	NNE	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE
	6	6	8	10	10	10	9	7	6	7	6	6	5	5	5	4	4	4	4	3	3	3	3	4	4	4	4	3	4	5	6	7	8	7	7	
37/38	8	7	9	12	13	11	10	8	8	9	9	10	9	8	7	6	5	4	4	4	3	4	4	4	5	4	4	4	4	5	7	7	8	9	9	10
	NNE	NW	NNW	NNW	NNW	NE	NNE	NNE	NNE	N	NNW	NNW	NW	NNW	NNE	NE	NNE	NNE	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE
25/26	7	6	8	10	10	10	9	7	7	7	7	6	5	5	5	4	4	4	3	3	3	2	3	3	4	4	3	3	4	4	6	7	8	7	7	
	NE	SE	NW	NNW	NNW	WSW	NNE	NNE	NNE	S	NW	NNW	WNW	SSW	W	NW	S	ENE	NNE	NE	NE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE
11/12	8	6	7	9	10	10	9	8	7	7	7	6	5	5	5	4	4	4	3	3	3	3	3	4	4	4	4	4	5	6	7	8	8	8	8	
	ENE	ENE	S	NNW	NNW	NW	N	NNE	NNE	ENE	NW	N	NNW	WNW	NW	NNW	W	ENE	NNE	NE	NE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE
1 & 2 Bravo	10	9	9	11	12	12	11	9	8	8	7	7	6	6	5	6	4	4	3	3	4	4	4	5	5	6	6	6	7	8	8	8	8	8	8	9
	ENE	NE	NNE	NNW	NNW	NNW	N	N	NNE	NNE	N	NNW	NNW	NNW	NNW	NNW	N	E	NE	NE	NE	NNE	NNE	NNE	NNE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE

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

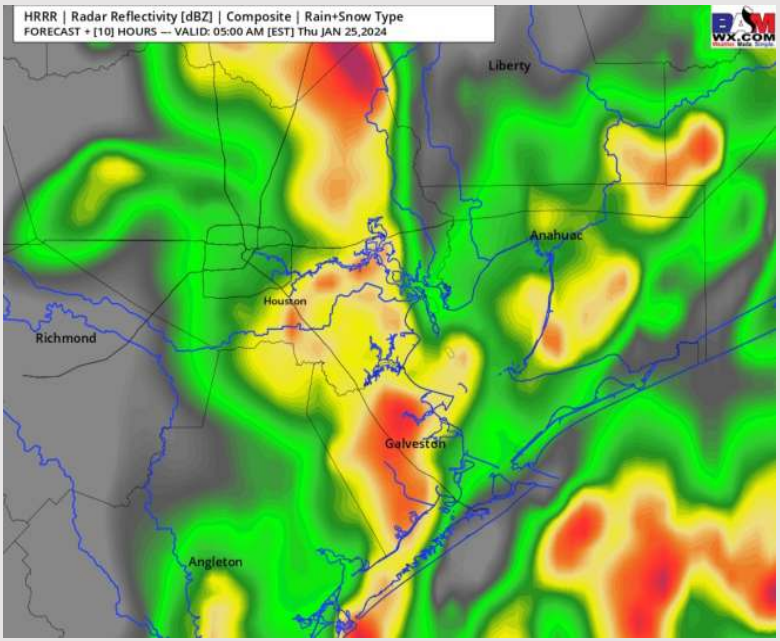
Precip: Widespread thunderstorms will continue to work through the area. The back edge of these storms will be capable of producing strong to severe with gusts of up to 40 to 50 kts, although this is favored to remain a low end risk. Lightning and an isolated risk for small hail will also be present. A few scattered showers will remain in the vicinity through 7AM.

Wind: Winds settle out of the NNW by 5 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 for the AM and early afternoon. After 4PM, 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 30 - 35. kts will be possible for all stations through 4AM.**

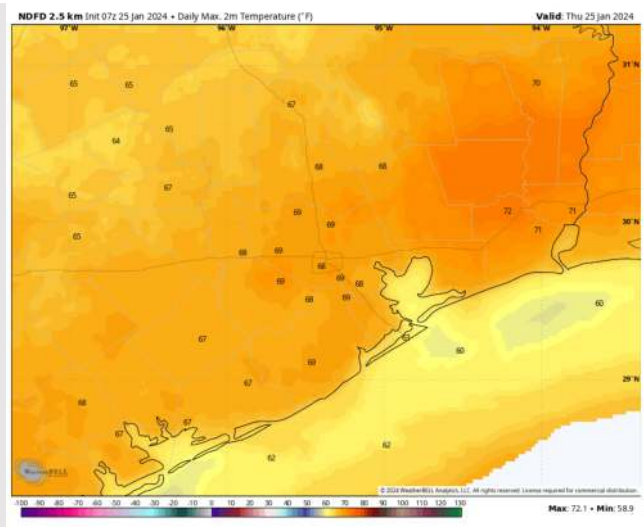
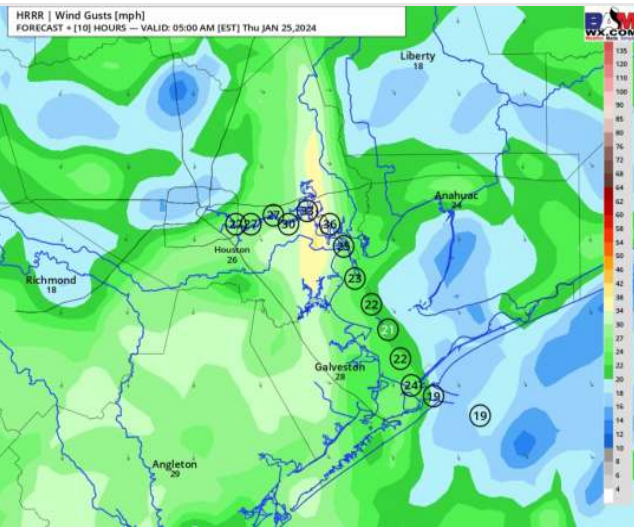
High Temps: **N of Morgan's Point:** Upper 60s F. **S of Morgan's Point:** Low 60s F.

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.

Precip Image: ~4 AM CT



Wind Gusts:
4 AM CT



High Temps
Today

Forecast Discussion

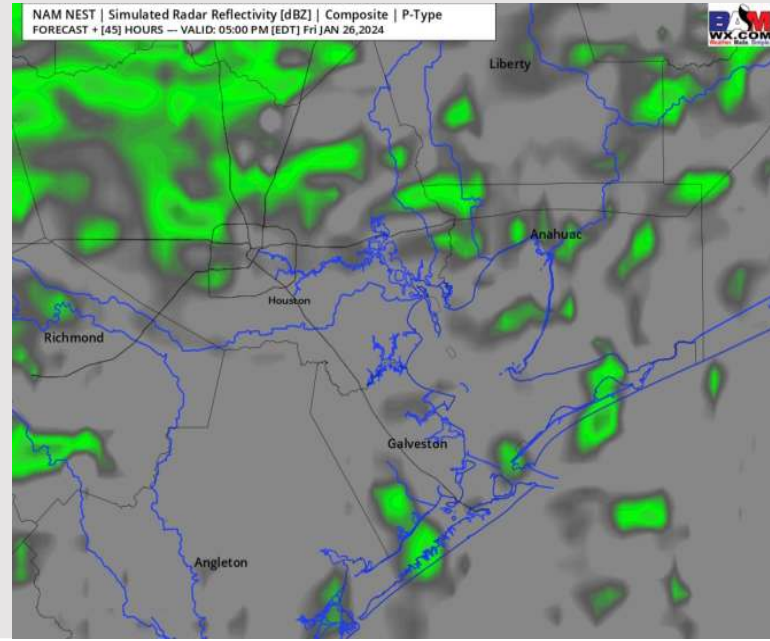
Precip: Lower confidence of exact timing of rain shower chances, but favoring 3 – 11PM to be the best potential for light showers to work into the area, impacting all stations. Not favoring additional thunderstorm risks at this time.

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.

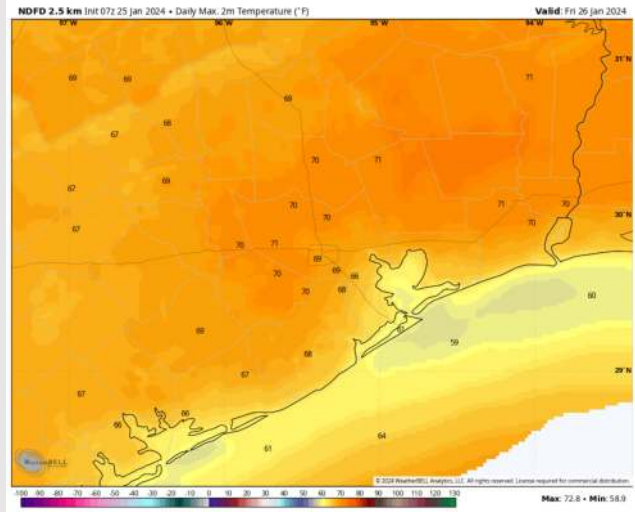
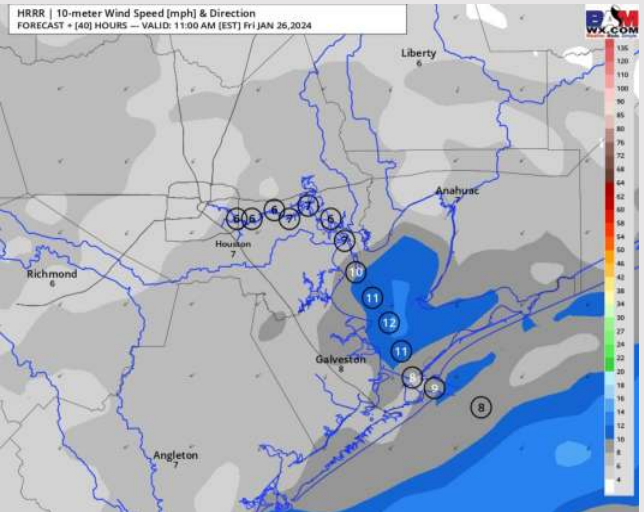
High Temps: **N of Morgan's Point:** Upper 60s F / Near 70 **S of Morgan's Point:** Lower 60s F to upper 50s F.

Visibility: 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

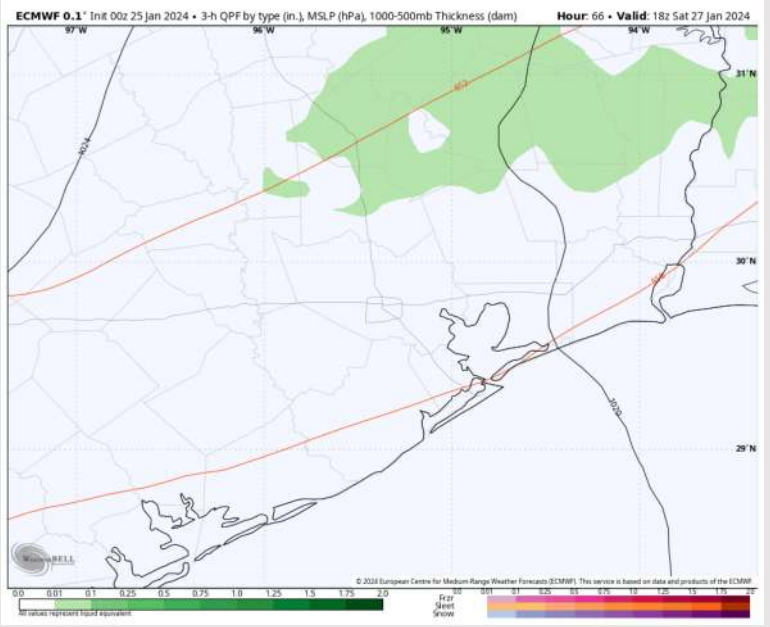
Precip: Scattered showers will be possible for stations N of Morgan's point between 10AM and 3PM. Favoring dry conditions for the remainder of the day.

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.

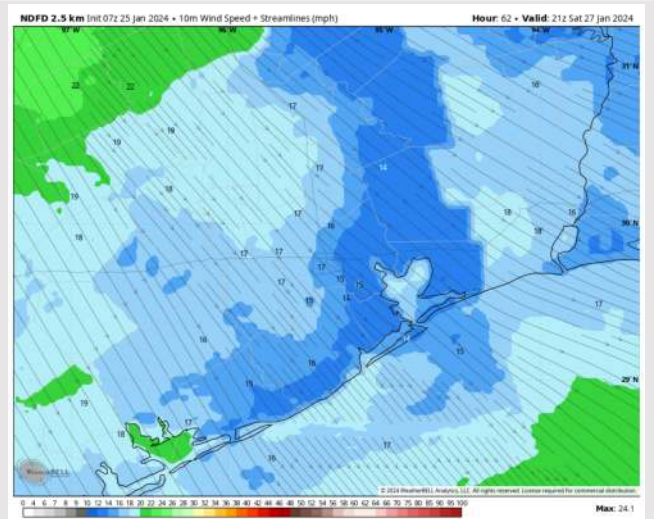
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Upper 50s F

Visibility: Not favoring additional visibility concerns at this time.

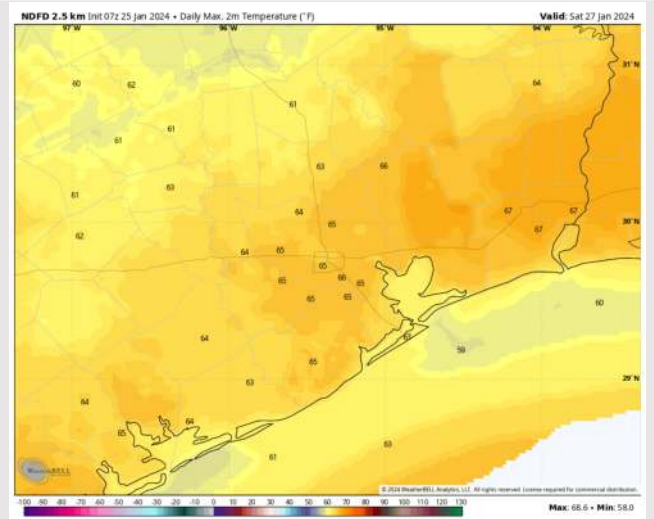
Precip Image: 12 PM CT



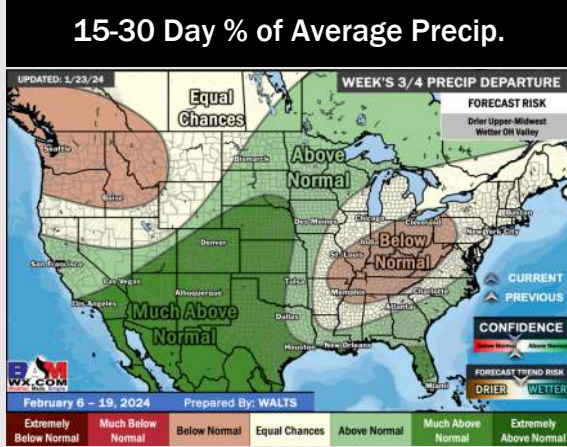
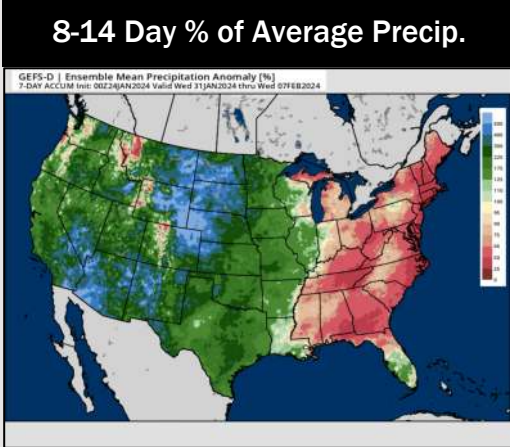
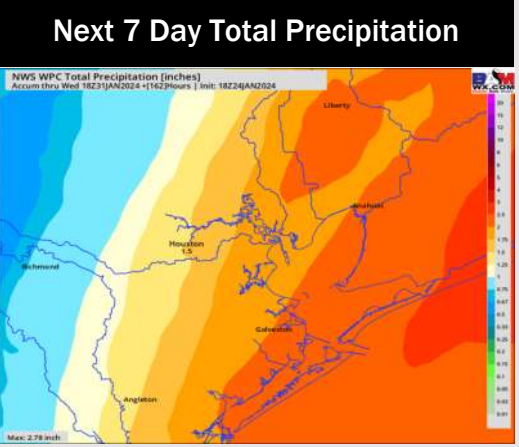
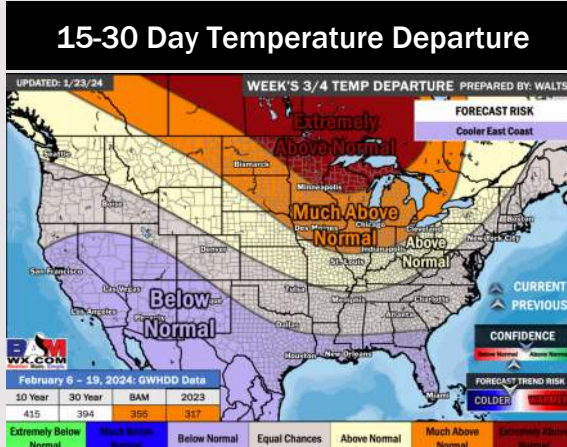
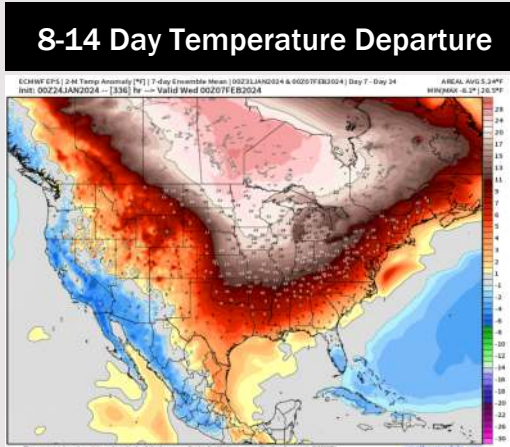
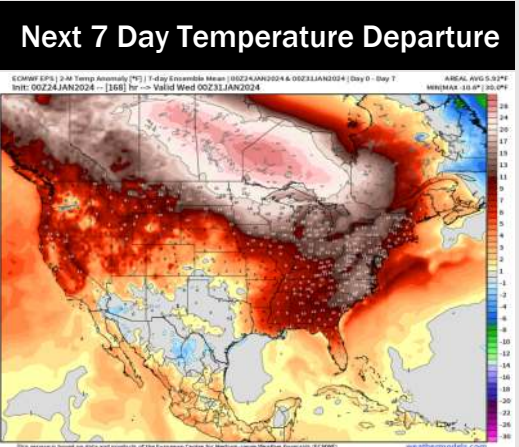
Wind Speed:
3 PM CT



High Temps
Saturday



Houston Pilots: 1/25/24



- Rainfall this week through Thursday can produce an additional 2-3" in totals with locally higher amounts. Slightly above normal temperatures favored for the week ahead.
- 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 3/4 timeframe.