

Houston Pilots Forecast Package

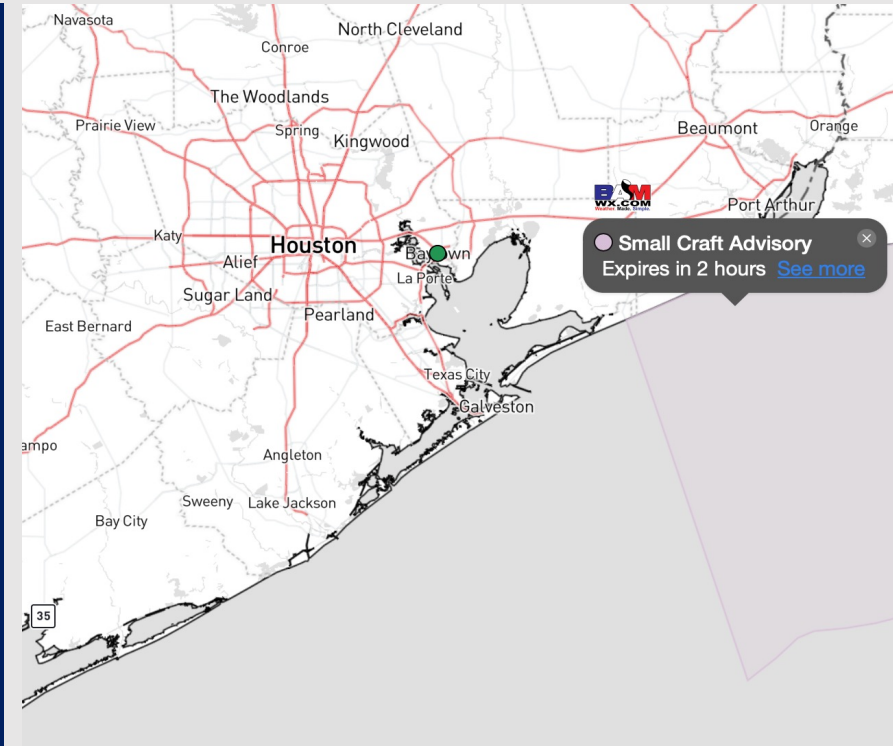


Updated: 9:50 PM CT
Friday, January 5, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Favoring a dry weekend, aside from low end chances late Sunday evening.
- Wave heights of less than 4' are favored to continue for the remainder of the afternoon.
- See visibility report slide below for thoughts on increasing confidence in patchy to widespread fog for Saturday AM.



Radar/NWS Alerts: 9:48 PM CT

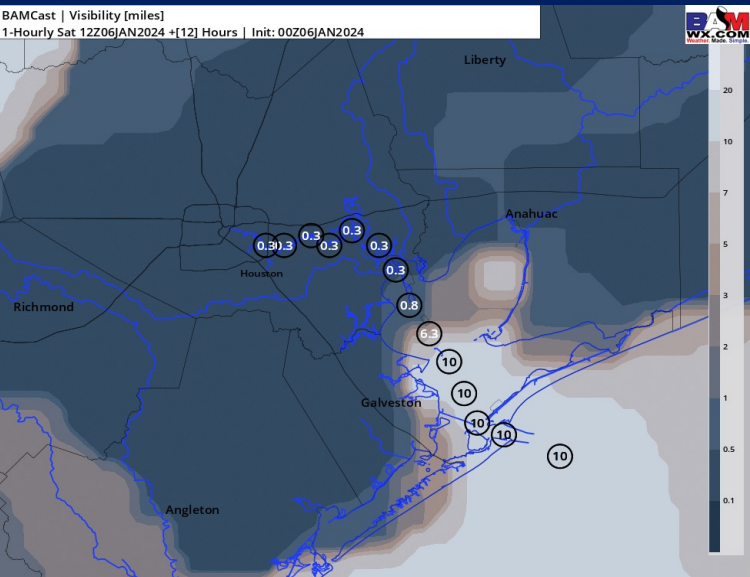


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

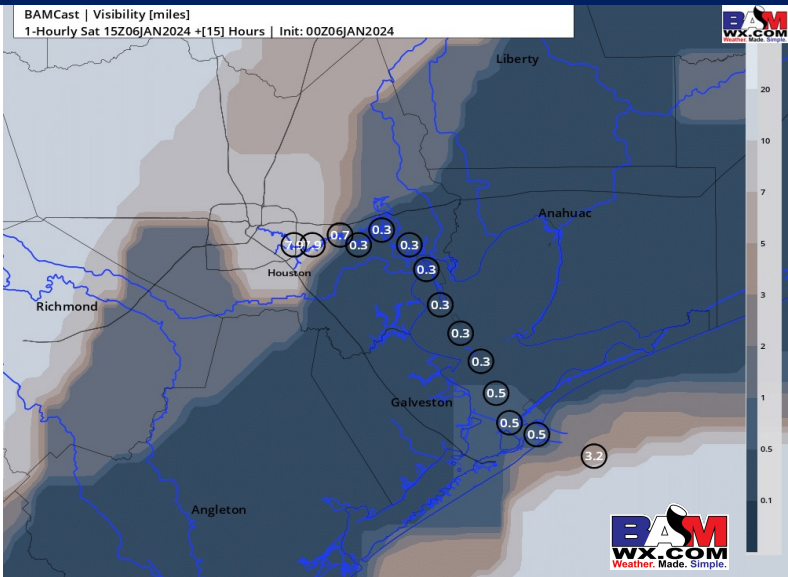
Houston Pilots Visibility Report



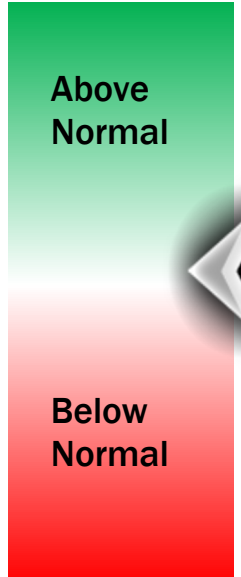
6 AM CT SAT VISIBILITY



9 AM CT SAT VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
1AM - 11 AM CT SAT	Medium

- Widespread, dense fog will likely begin to push into locations N of Morgan's Point beginning around 1AM-CT. 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



Monday 1/8/24

No visibility concerns for Monday.

Forecast Confidence



Tuesday 1/9/24

No visibility concerns for Tuesday.

Forecast Confidence



Wednesday 1/10/24

No visibility concerns for Wednesday.

Forecast Confidence



Chance for Fog

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 2am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	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	
610 Bridge	10	10	10	10	10	10	10	10	10	10	9	0.94	0.29	0.24	0.24	0.24	0.28	3	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Kinder 1	10	10	10	10	10	10	10	10	10	10	9	1	0.29	0.24	0.24	0.24	0.28	3	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	7	2	0.45	0.26	0.3	0.51	0.73	4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Shell Crude	10	10	10	10	10	10	10	10	10	10	9	3	1	0.76	0.94	1	2	4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	9	3	2	0.76	0.94	1	2	4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	6	1	2	2	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	7	4	3	2	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
75/76	10	10	10	10	10	10	10	10	10	10	10	10	7	7	6	3	4	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
63/64	10	10	10	10	10	10	10	10	10	10	10	10	7	8	8	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
51/52	10	10	10	10	10	10	10	10	10	10	10	10	7	8	8	7	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
37/38	10	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25/26	10	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11/12	10	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1 & 2 Bravo	7	10	10	10	10	10	10	10	10	10	10	10	7	10	10	10	10	10	10	10	10	9	9	9	10	10	10	10	10	10	10	10	10	10

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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	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 2am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	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
610 Bridge	6 NNW	7 NW	6 NNW	7 NNW	5 NNW	3 NNW	5 NNW	15 ESE	2 NNE	2 NE	1 ENE	2 W	2 W	2 W	2 WNW	2 WNW	2 WNW	4 NW	4 NW	4 NW	4 NW	4 NW	5 NW	5 NW	5 WNW	4 WNW	4 WNW	4 WNW	3 WNW	2 N	2 N	2 N	2 N
Kinder 1	6 NNW	7 NW	6 NNW	7 NNW	6 NNW	3 NNW	5 NNW	16 ESE	3 NNE	2 NNE	1 NNE	2 W	2 W	2 W	2 WNW	2 WNW	2 WNW	4 NW	4 NW	4 NW	4 NW	4 NW	5 NW	5 WNW	4 WNW	4 WNW	4 WNW	3 WNW	2 N	2 N	2 N	2 N	
Greens Bayou	7 NNW	7 NW	6 NNW	6 NNW	6 NNW	4 NNW	5 NNW	16 ESE	3 NNE	2 ENE	2 NE	2 WNW	2 W	2 WNW	2 WNW	2 WNW	2 WNW	2 WNW	4 NW	4 NW	4 NW	4 NW	4 NW	5 NW	5 WNW	4 WNW	4 WNW	4 WNW	3 WNW	2 N	2 N	2 N	2 N
Shell Crude	7 NNW	8 NW	6 NNW	6 NNW	6 NNW	4 NNW	5 NNW	17 ESE	3 NNE	2 ESE	2 ESE	2 WNW	1 W	2 WNW	2 WNW	3 WNW	4 WNW	4 WNW	4 WNW	4 WNW	4 WNW	4 WNW	5 WNW	5 WNW	5 WNW	4 WNW	4 WNW	3 WNW	2 N	2 N	2 N	2 N	
Lynchburg Ferries	8 NNW	8 NW	7 NNW	6 NNW	6 NNW	4 NNW	5 NNW	16 ESE	3 NE	2 WSW	2 WSW	2 NW	1 WNW	2 WNW	3 WNW	3 WNW	3 WNW	4 NW	4 NW	4 NW	4 NW	4 NW	4 NW	5 WNW	5 WNW	5 WNW	4 WNW	4 WNW	3 WNW	3 WNW	3 WNW	3 WNW	
Exxon 3	9 NNW	9 NW	7 NNW	6 NNW	6 NNW	5 NNW	5 NNW	16 ESE	3 SSW	2 NNW	2 NNW	2 NNW	2 NNW	2 NNW	3 NNW	3 NNW	3 NNW	3 NNW	4 NNW	4 NNW	4 NNW	4 NNW	4 NNW	5 NNW	5 NNW	4 NNW	4 NNW	4 NNW	3 NNW	3 NNW	3 NNW	3 NNW	
Morgans Point	10 NW	9 NNW	8 NNW	7 NNW	7 NNW	6 NNW	6 NNW	16 ESE	4 NW	4 NW	3 NW	3 NW	2 NW	3 NW	4 NW	4 NW	4 NW	5 NW	5 NW	5 NW	5 NW	4 NW	5 NW	5 NW	6 NW	5 NW	5 NW	4 NW	4 NW	4 NW	4 NW	4 NW	
75/76	13 NW	12 NNW	11 NNW	9 NNW	9 NNW	9 NNW	9 NNW	17 ESE	7 NNW	7 NNW	6 NNW	3 NNW	3 NNW	3 NNW	4 NNW	5 NNW	5 NNW	6 NNW	6 NNW	6 NNW	5 NNW	5 NNW	5 NNW	5 NNW	6 NNW	6 NNW	6 NNW	6 NNW	5 NNW	5 NNW	5 NNW	5 NNW	
63/64	15 NW	14 NNW	13 NNW	10 NNW	11 NNW	10 NNW	10 NNW	17 ESE	9 NNW	9 NNW	8 NNW	4 NNW	3 NNW	4 NNW	5 NNW	5 NNW	6 NNW	6 NNW	6 NNW	6 NNW	5 NNW	5 NNW	5 NNW	5 NNW	6 NNW	6 NNW	6 NNW	6 NNW	5 NNW	5 NNW	5 NNW	5 NNW	
51/52	16 NW	14 NNW	13 NNW	11 NNW	11 NNW	11 NNW	11 NNW	17 ESE	10 NNW	9 NNW	8 NNW	4 NNW	2 NNW	3 NNW	4 NNW	5 NNW	6 NNW	6 NNW	6 NNW	6 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	
37/38	16 NW	15 NNW	14 NNW	12 NNW	12 NNW	11 NNW	11 NNW	18 ESE	11 NNW	9 NNW	9 NNW	4 NNW	2 NNW	3 NNW	4 NNW	5 NNW	6 NNW	6 NNW	6 NNW	6 NNW	6 NNW	6 NNW	5 NNW	5 NNW	5 NNW	5 NNW	4 NNW	4 NNW	4 NNW	4 NNW	4 NNW	4 NNW	
25/26	15 NW	15 NNW	14 NNW	12 NNW	12 NNW	11 NNW	11 NNW	18 ESE	10 NNW	9 NNW	8 NNW	4 NNW	2 NNW	3 NNW	4 NNW	4 NNW	5 NNW	6 NNW	6 NNW	6 NNW	6 NNW	6 NNW	5 NNW	5 NNW	5 NNW	5 NNW	4 NNW	4 NNW	4 NNW	4 NNW	4 NNW	4 NNW	
11/12	14 NW	16 NNW	14 NNW	12 NNW	12 NNW	11 NNW	11 NNW	19 ESE	10 NNW	8 NNW	8 NNW	5 NNW	3 NNW	4 NNW	5 NNW	6 NNW	6 NNW	6 NNW	6 NNW	6 NNW	6 NNW	6 NNW	5 NNW	5 NNW	5 NNW	4 NNW	4 NNW	4 NNW	4 NNW	4 NNW	4 NNW	4 NNW	
1 & 2 Bravo	14 NNW	20 NW	17 NNW	15 NNW	16 NNW	15 NNW	15 NNW	22 ESE	13 NNW	11 NNW	11 NNW	7 NNW	4 NNW	5 NNW	6 NNW	7 NNW	7 NNW	7 NNW	7 NNW	7 NNW	7 NNW	7 NNW	6 NNW	6 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	5 NNW	

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Houston Pilots: Fri. 01/05/2024



Forecast Discussion

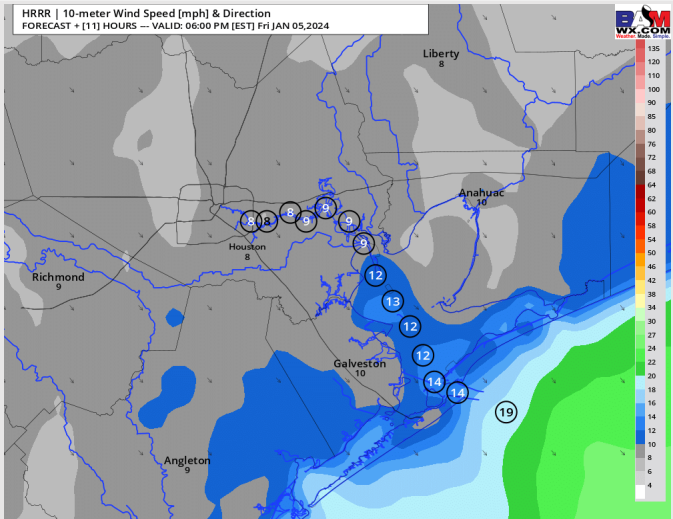
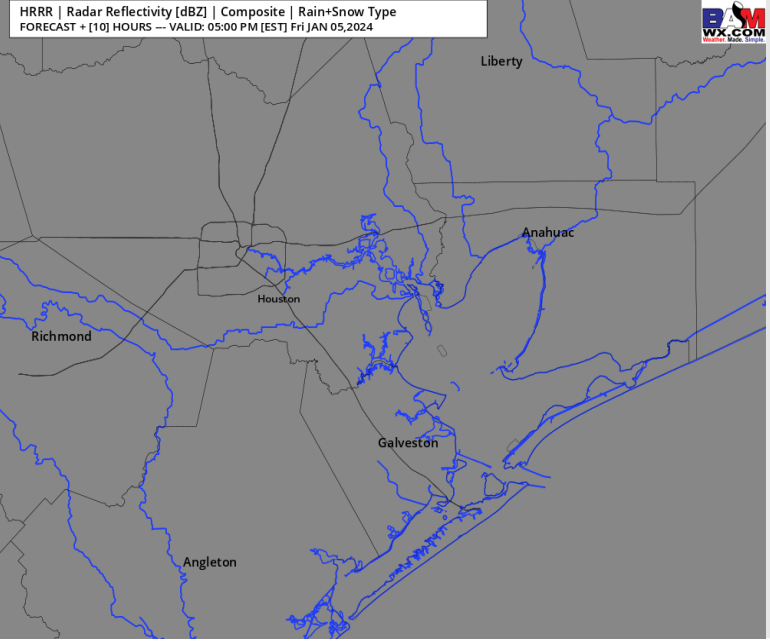
Precip: Pockets of isolated drizzle through 3PM will be possible towards the Boarding Station and 11/12, but favoring dry conditions for the remainder of the day.

Wind: Winds are expected to remain out the northwest for the remainder of the day. **N of Morgan's Point:** 8 - 11 kts for the remainder of the afternoon, calming to 6 - 9 kts after 6PM. **S of Morgan's Point:** Winds 13 - 17 knots favored through 5PM. After 5PM, winds calm further to 8 - 13 kts for the remainder of the evening hours. **A few gusts of up to 20kts can't be ruled out through 5PM for stations S of Morgan's Point**

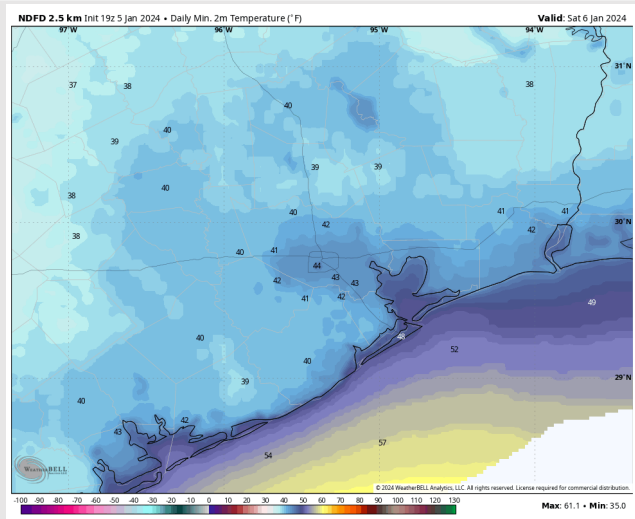
Low Temps: **N of Morgan's Point:** Low 40s **F S of Morgan's Point:** Low 50s F

Visibility: Not favoring fog concerns to begin until after 12AM.

Precip Image: 4 PM CT



**Wind Gusts:
4 PM CT**

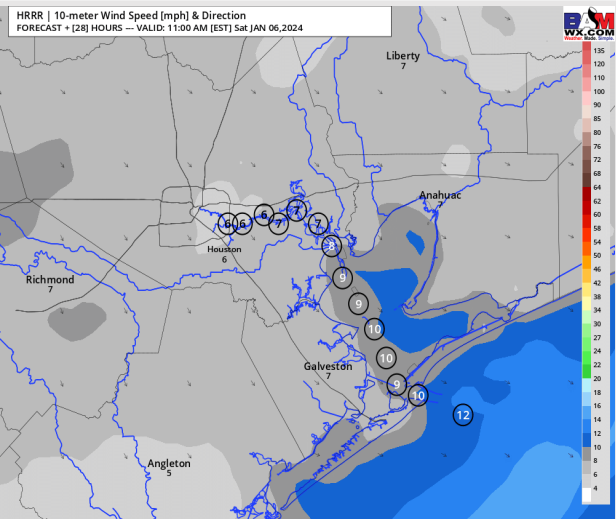
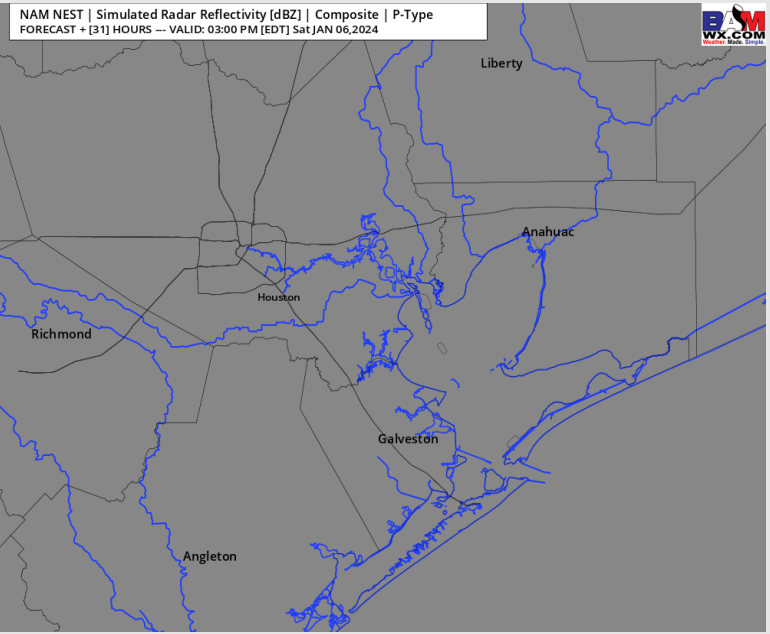


**Low Temps
SAT AM**

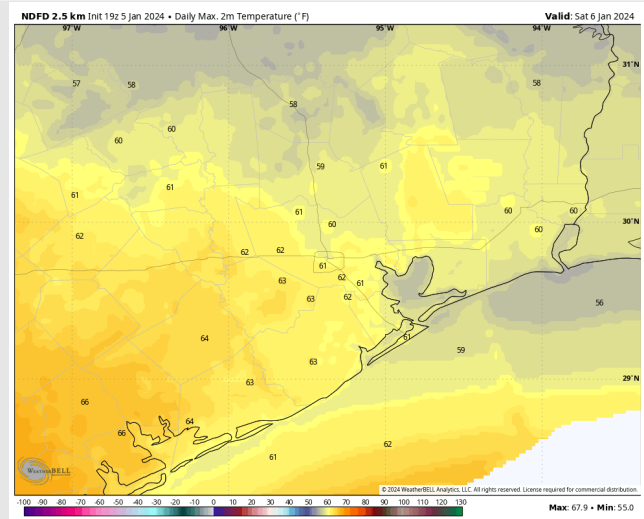
Forecast Discussion

- Precip:** Favoring dry conditions for Saturday.
- Wind:** Winds remain out of the north / northwest for Saturday.
- N Morgan's Point:** Winds calm to 3 – 6 knots for most of the day.
- S of Morgan's Point:** Winds of 6 -11 kts through 2PM, before slightly weakening to 5 – 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.

Precip Image: 2 PM CT



Wind Speed:
10 AM CT



High Temps
Saturday

Houston Pilots: Sun. 01/07/2024



Forecast Discussion

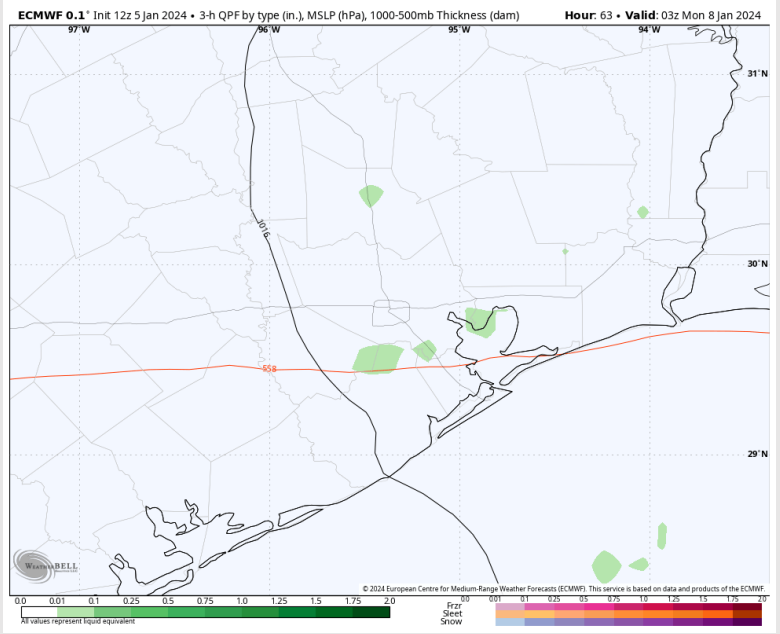
Precip: Aside from a few drizzle chances after 8PM, favoring dry conditions for much of Sunday.

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.**

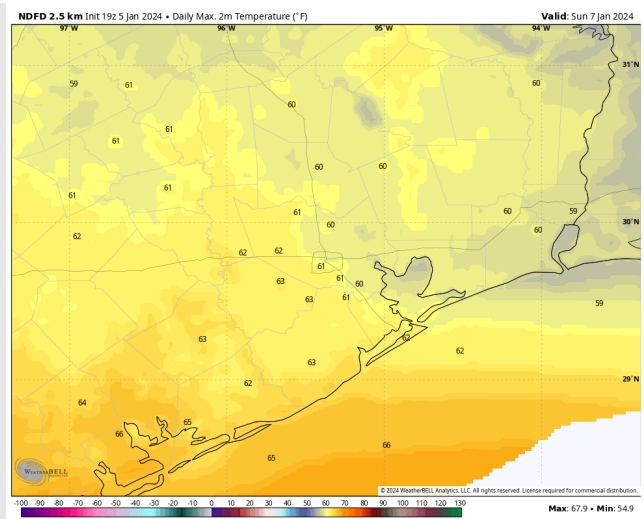
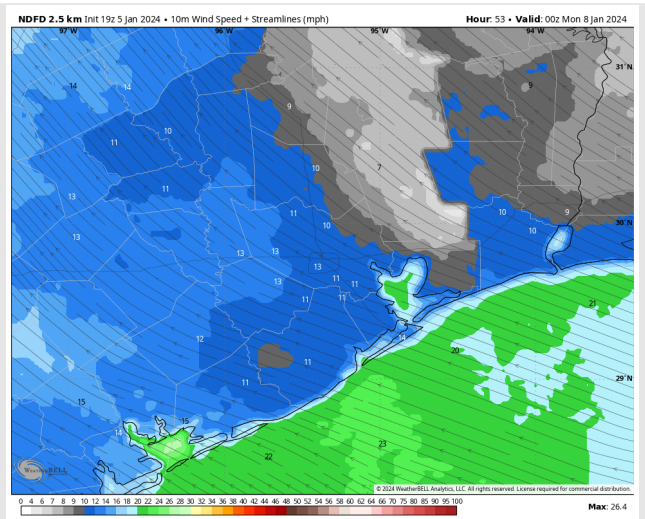
High Temps: **N of Morgan's Point:** Lower 60s F. **S of Morgan's Point:** Lower 60s F.

Visibility: No visibility concerns for Sunday.

Precip Image: 9 PM CT

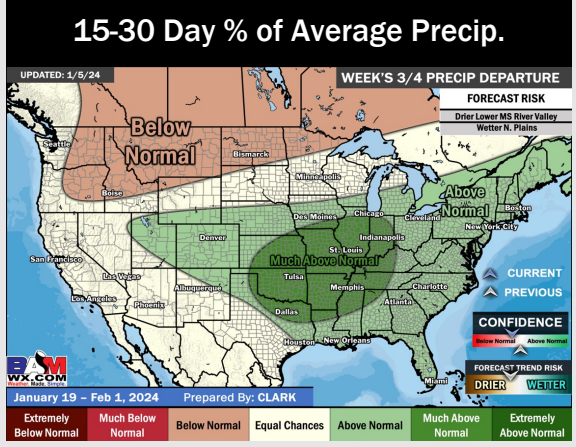
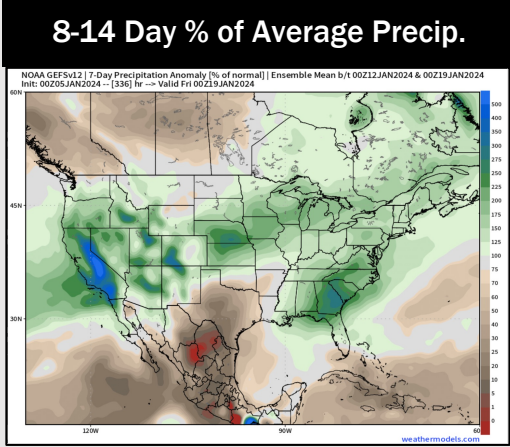
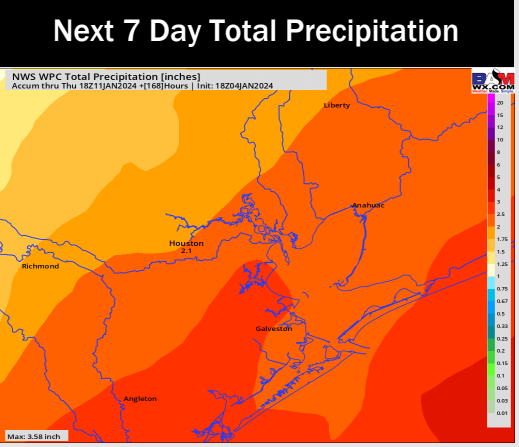
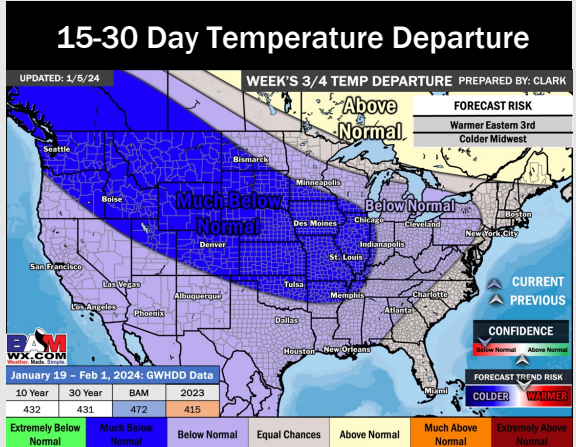
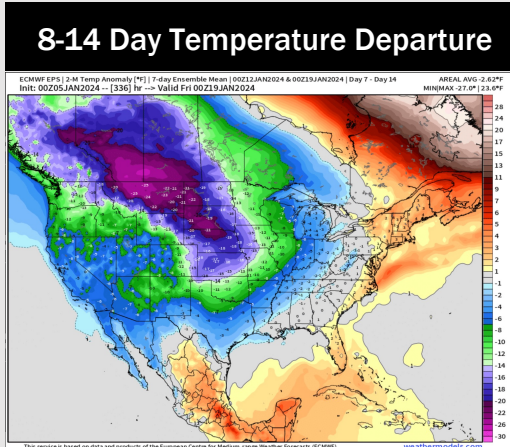
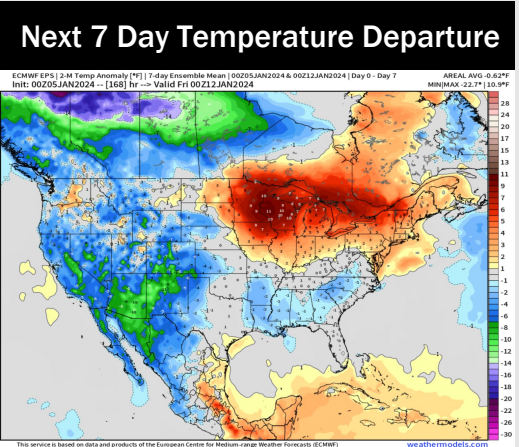


Wind Speed:
6 PM CT



High Temps
Sunday

Houston Pilots: 1/5/24



- 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 3/4 timeframe.