

Houston Pilots Forecast Package



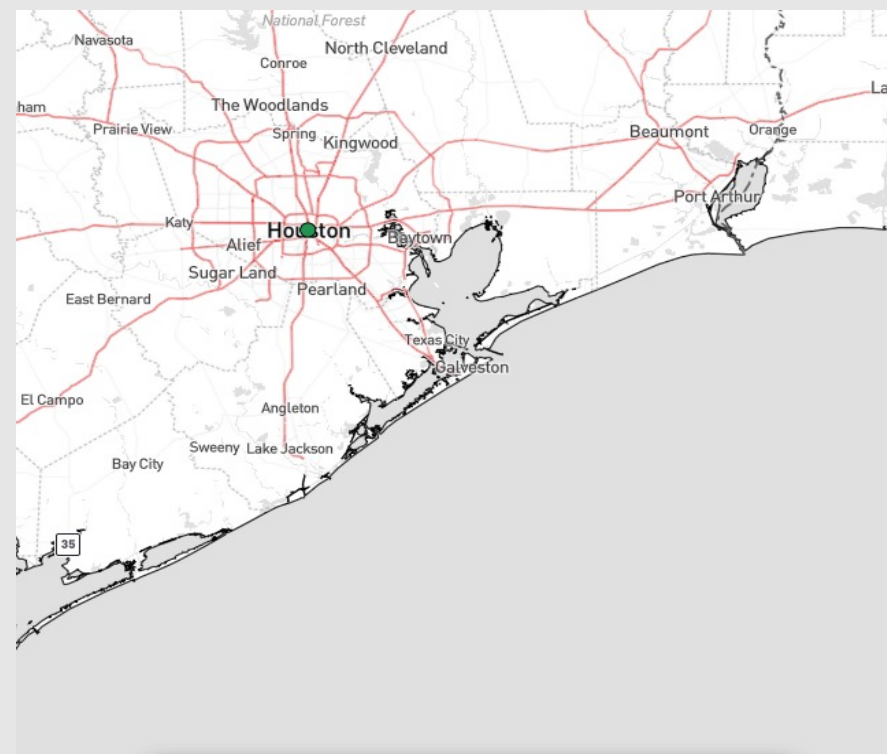
Updated: 12:45 PM CT

Sunday, December 31, 2023

Forecaster: Xander Lowry

Weather Headlines

- The quiet pattern continues through New Year's Eve before the next rain chance enters on New Year's Day (MON). Additional chances coming Tuesday night into Wednesday.
- **Monitoring potential for fog during the morning on Monday. Greatest risk will be for stations 51/52 and S.**
- Winds remain generally calm today, but will pick up with the arrival of rain MON and TUE



Radar/NWS Alerts: 12:40 PM CT

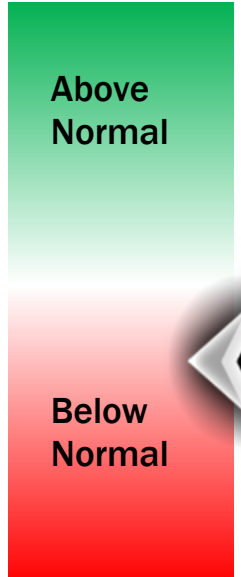
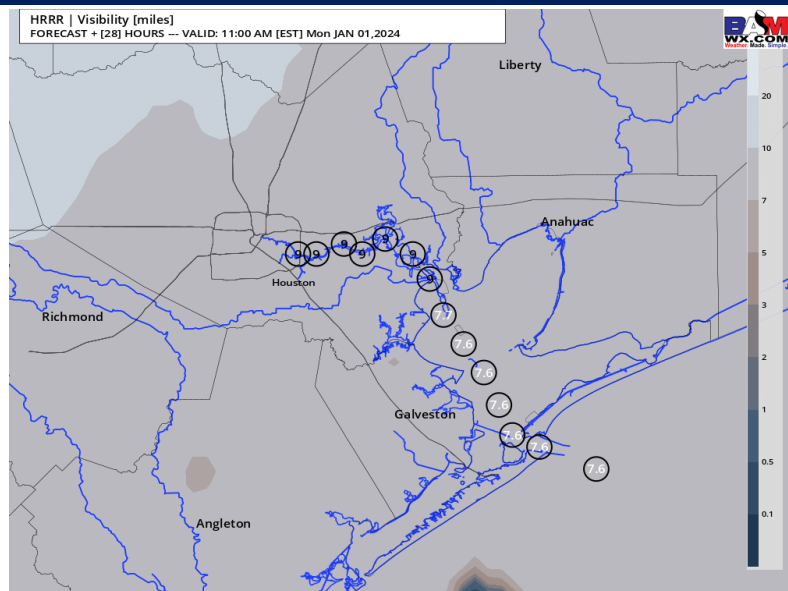
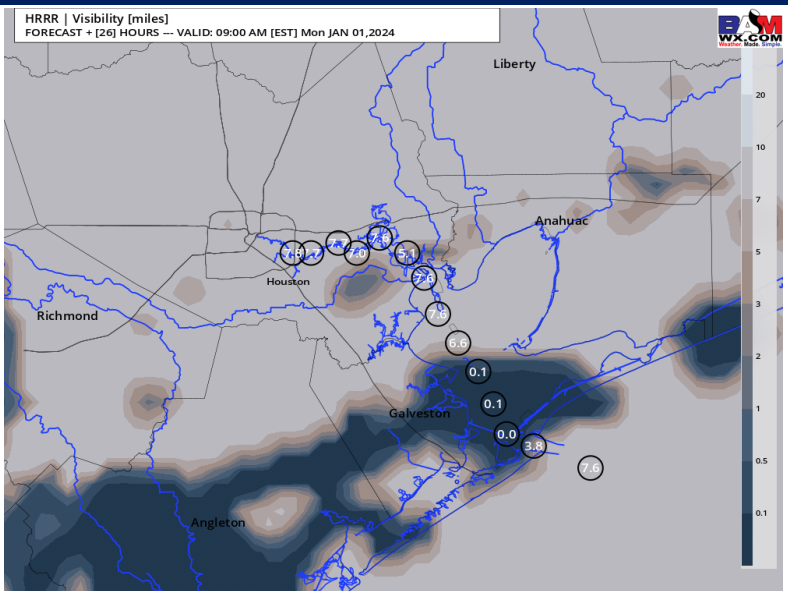


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



8AM CT MON VISIBILITY 10 AM CT MON VISIBILITY Confidence



TIMEFRAME DISCUSSED	THREAT
8AM - 10 AM CT MON	MED

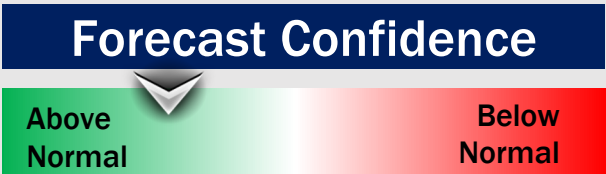
- As winds remain generally calm through early MON AM, brief reduced visibilities of less than one mile will be possible for stations S of 51/52 and N of the boarding station.
- While low-end fog potential will begin at 2AM-CT the greatest risk will be between 7AM – 9AM CT Mon.
- After 10 AM, winds will increase over the bay and work to remove and limit any further fog potential throughout the late morning.

Houston Pilots Extended Range Visibility Report



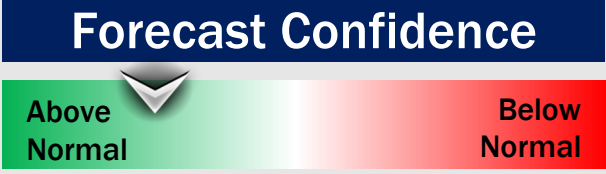
Wednesday 1/3/24

No visibility concerns for Wednesday. Downpours can cause visibility to drop below 2 miles at times.



Thursday 1/4/24

No visibility concerns for Thursday.



Friday 1/5/24

No visibility concerns for Friday. Downpours can cause visibility to drop below 2 miles at times.



Chance for Fog

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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Houston Pilots: Sun. 12/31/2023



Forecast Discussion

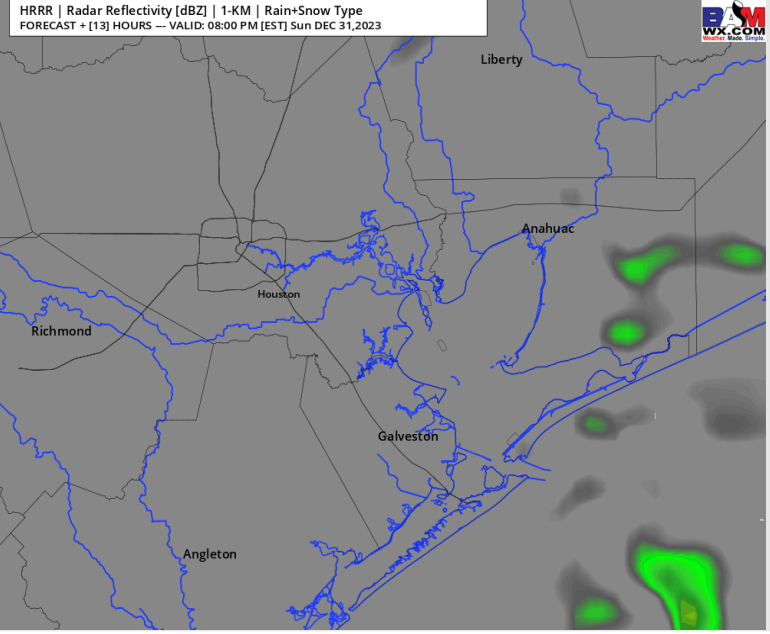
Precip: Favoring dry conditions for today, aside from some isolated showers (20%-30%) showers after 7:00PM near the boarding station.

Wind: SSW winds to continue for much of Sunday, veering out of the SSE by 6 PM. **N Morgan's Point:** 3-7 kts outside of a window from 1 - 4 PM at 5 - 10 kts. **S of Morgan's Point:** Winds will be calm briefly to 1-5 kts between through 2PM. After 2PM winds pickup to 5 - 10 kts and remain at that speed for the rest of the day.

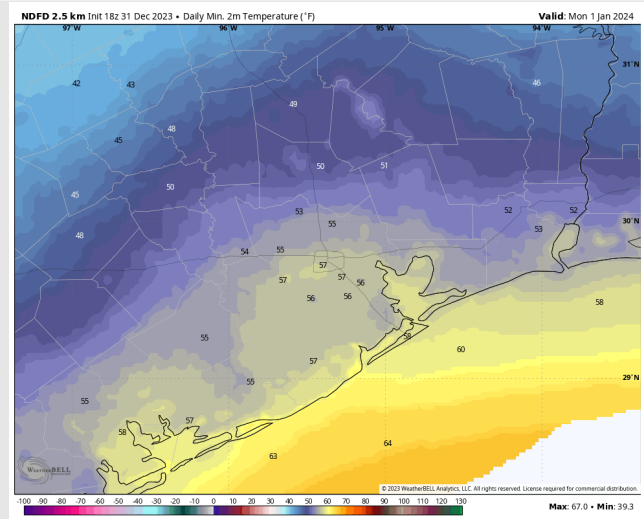
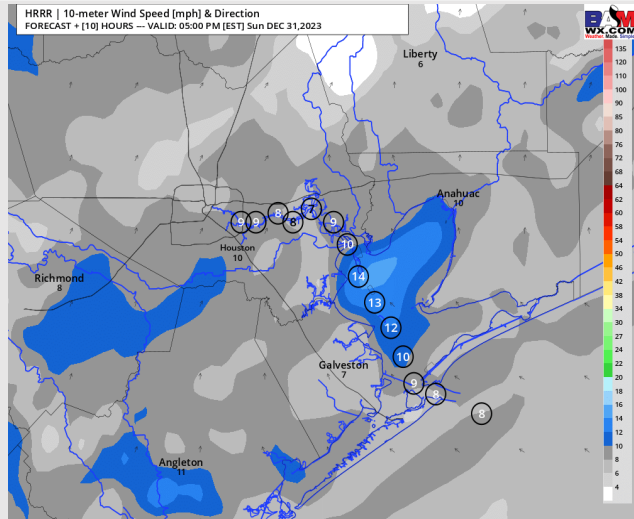
Low Temps: **N of Morgan's Point:** Mid 50s F. **S of Morgan's Point:** Low 60s F

Visibility: Not anticipating any fog concerns.

Precip Image: 7 PM CT



Wind Speed:
4 PM CT



Low Temps
Monday

Houston Pilots: Mon. 01/01/2024



Forecast Discussion

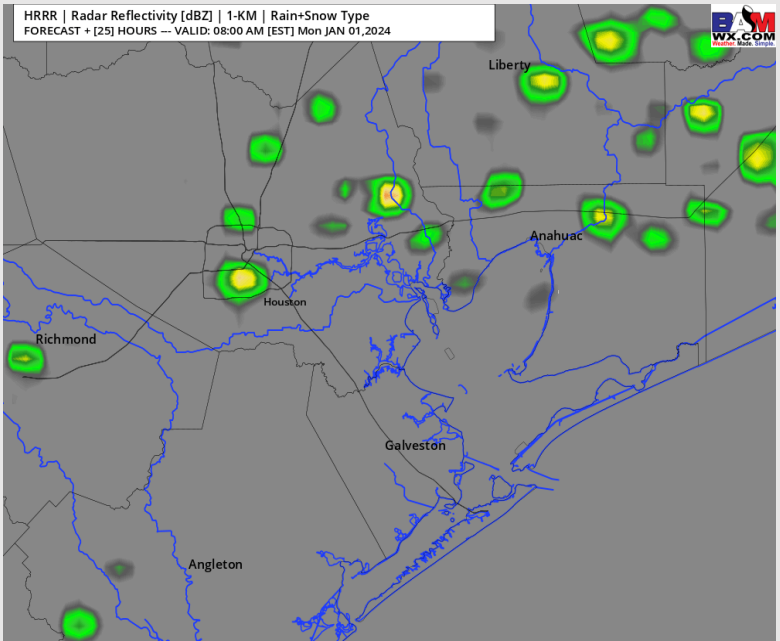
Precip: Scattered showers will build in along a front just after midnight towards 2 AM. Best window for rainfall will be from 4 - 11 AM. Dry conditions are favored after 11 AM. Chance of rain is 20% - 30 %

Wind: S/SE winds will veer clockwise with the arrival of the front, settling out of the NNE by 9 AM. Winds become NE by 10 PM. **N Morgan's Point:** 2-7 kts through 7 AM, at which time winds will increase to 5-10 kts and will remain at that clip for the rest of the day. **S of Morgan's Point:** 4 - 9 kts through 9 AM, increasing to 7 -12 kts at that time. Winds near the Boarding Station will be 8-14 kts after 3 PM.

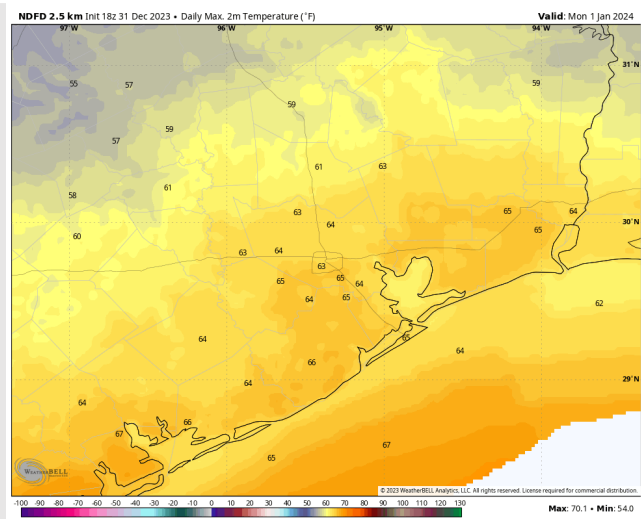
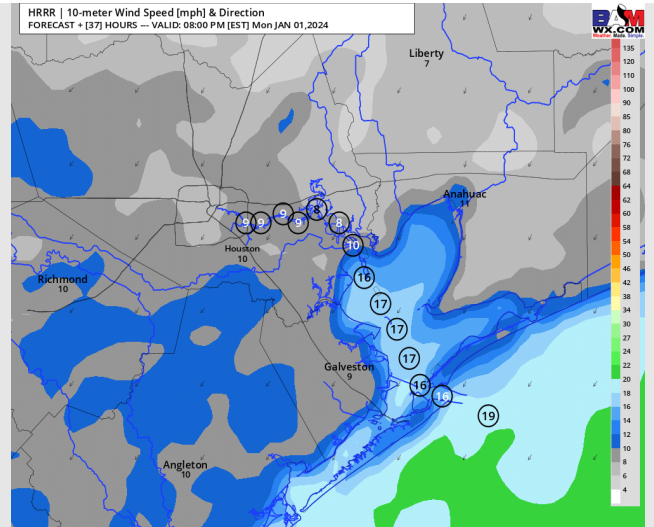
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low to mid 60s F.

Visibility: Patchy dense fog will be possible starting at 2AM and continuing through 10AM. Greatest risk of fog will be between 7 - 10 AM.

Precip Image: 7 AM CT



Wind Speed:
7 PM CT



High Temps
Monday

Forecast Discussion

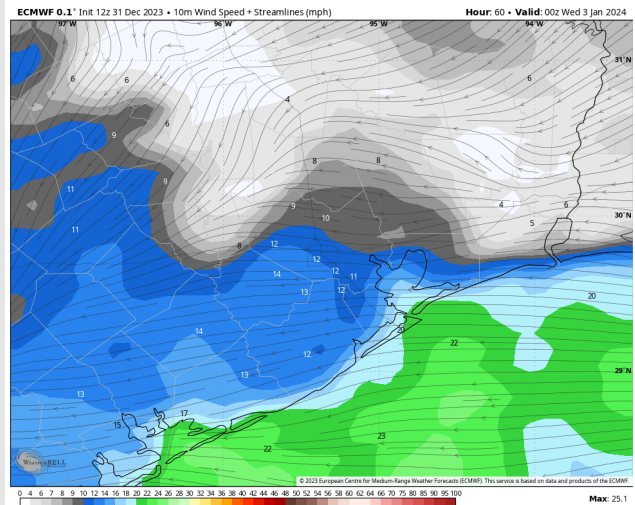
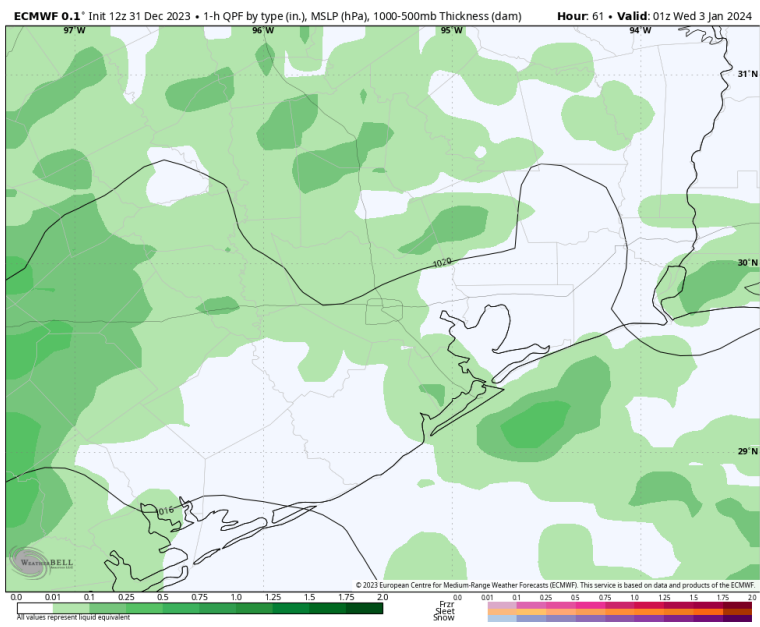
Precip: Dry conditions for the morning and early-mid afternoon. Scattered showers will then build in from the SW near 5 PM and persist for the remainder of the evening.

Wind: Winds out of the E/ENE throughout the day. **N of Morgan's Point:** 4-9 kts through 5 PM, increasing to 7-12 kts with the arrival of rain. **S of Morgan's Point:** 8-13 kts before 5 PM, increasing to 10-15 kts at that time. 15-20 kts wind at the Boarding Station.

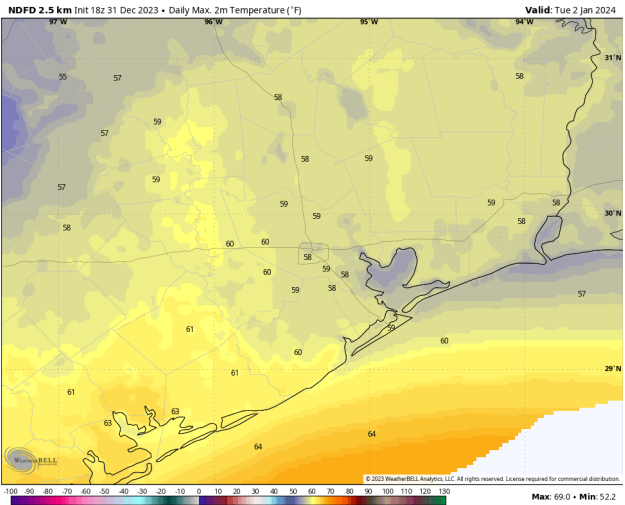
High Temps: **N of Morgan's Point:** Upper 50s Near 60 F. **S of Morgan's Point:** Mid-Upper 50s/low 60s F.

Visibility: No visibility concerns for Tuesday. Downpours can cause visibility to drop to ~2 miles at times.

Precip Image: 7 PM CT

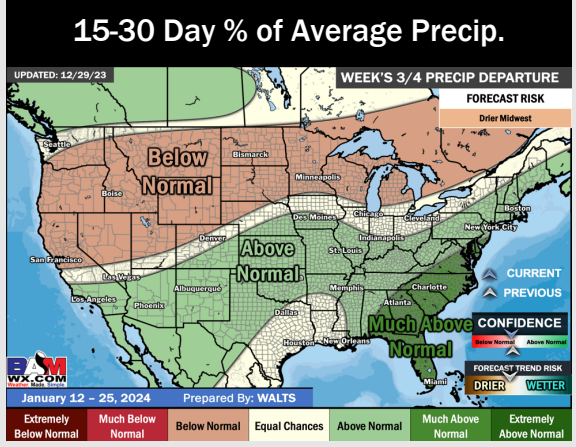
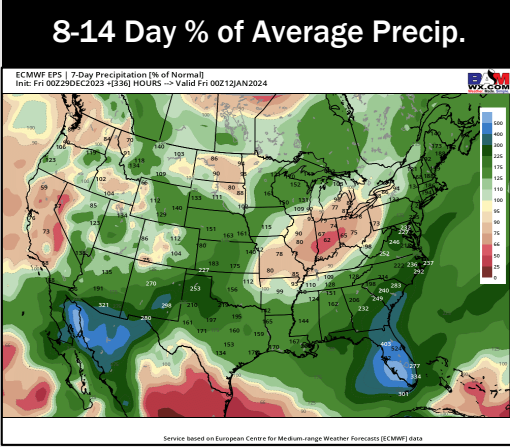
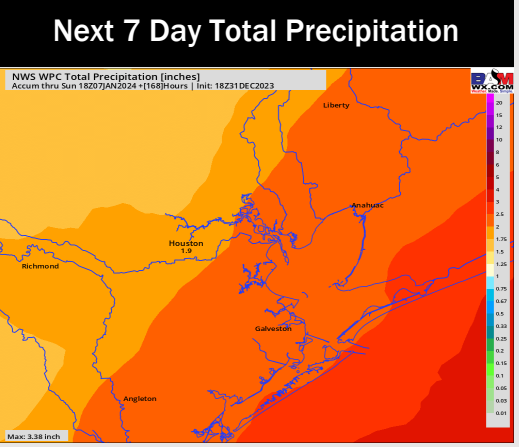
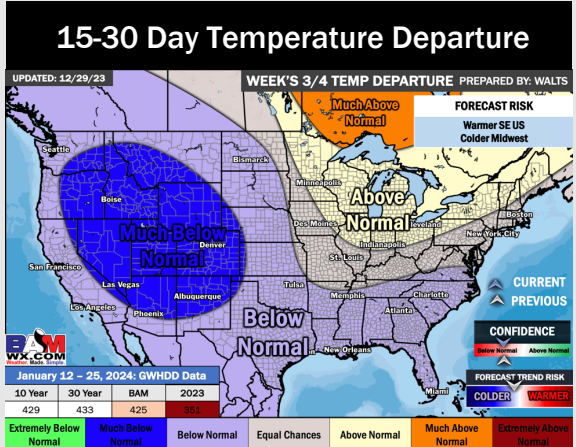
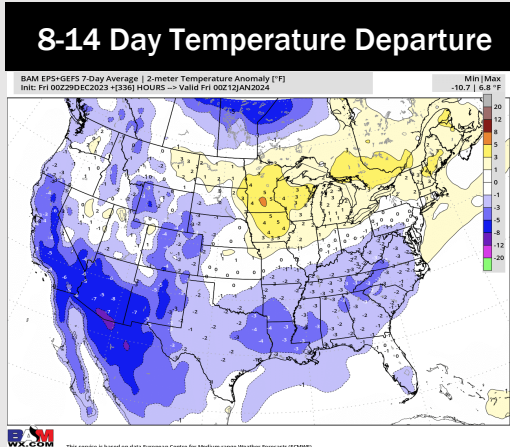
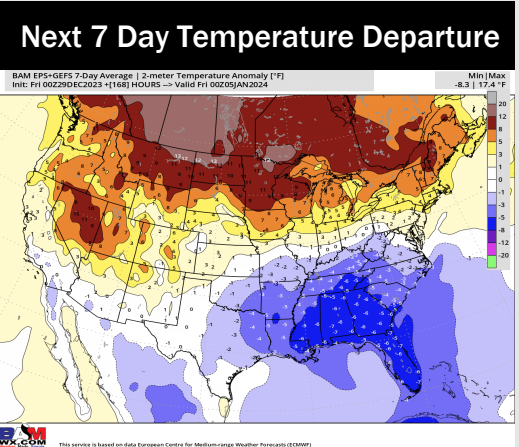


Wind Speed:
6 PM CT



High Temps
Tuesday

Houston Pilots: 12/31/23



- Expecting the next rain chance moving in Monday AM and an all day event of rain on Wednesday. Below normal temperatures are favored over the next week.
- Cooler temperatures and above normal rainfall is favored for the week 2 timeframe
- Below normal temperatures and seasonal chances for precipitation are favored in the weeks 3/4 timeframe.