

Houston Pilots Forecast Package



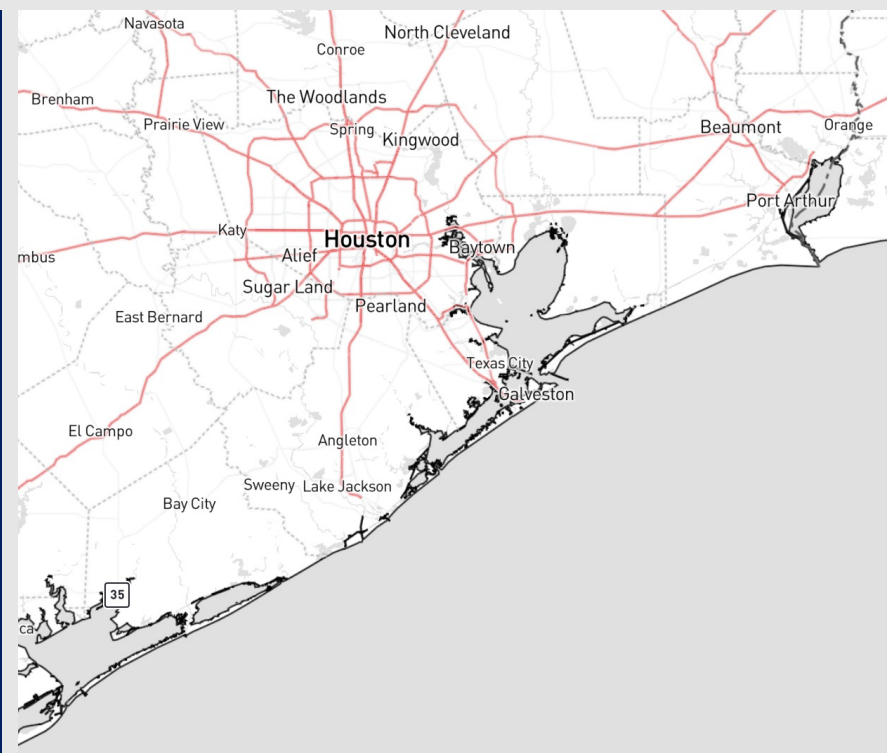
Updated: 1:30 AM CT

Sunday, December 31, 2023

Forecaster: Tyler Riggles

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 a moderate potential for fog over 51/52 and points north. Check the visibility slide below for more details**
- Winds remain generally calm today, but will pick up with the arrival of rain MON and TUE



Radar/NWS Alerts: 1:22 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.

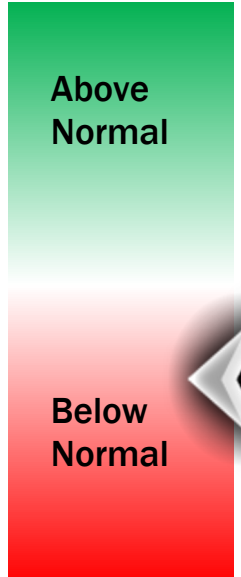
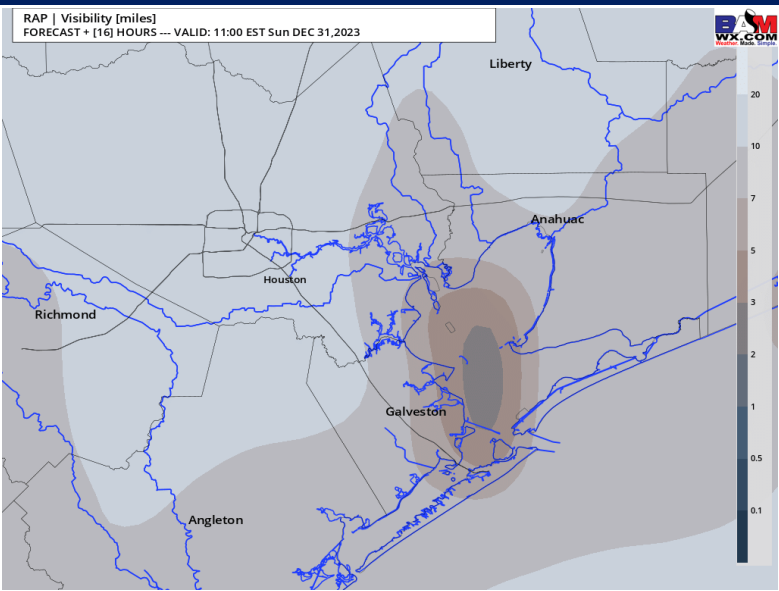
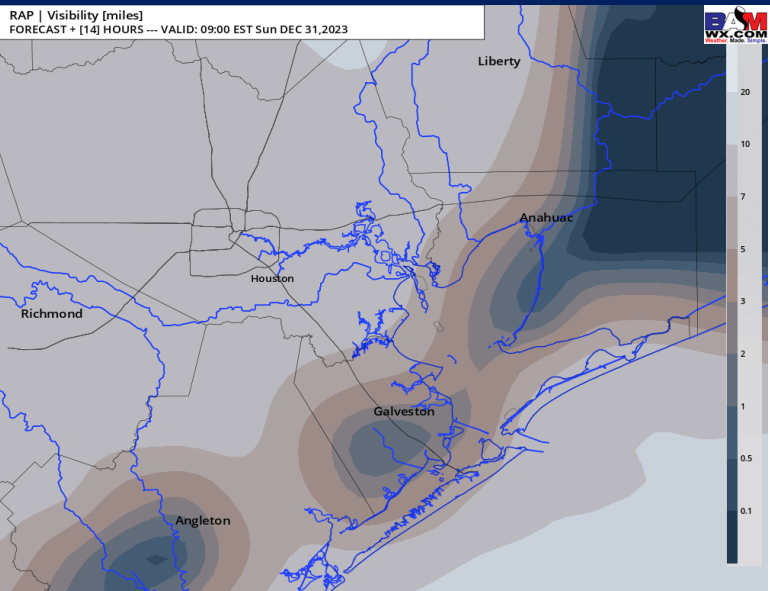
Houston Pilots Visibility Report



8 AM CT SUN Visibility

10 AM CT SUN VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
4 AM - 1 PM CT SUN	Medium

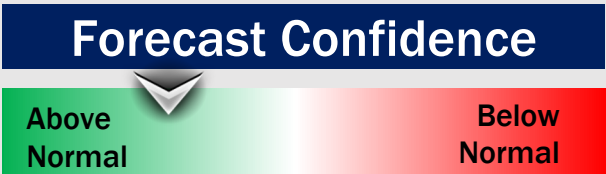
- Due to very light winds along the shore during the overnight, fog development will be possible towards 4-5 AM CT. There is a risk that fog can develop about 1-2 hours sooner towards 3 AM CT.
- Initial development of fog will start to the east of Trinity bay and north of Morgan's Point. Fog North of Morgan's Point will be patchy (2-4+ mi visibility) and present through 9 AM, burning off completely by 10 AM.
- Starting towards roughly 8 - 9 AM fog east of Trinity Bay will slowly drift west across stations 51/52 through Morgan's Point. **The key window to watch will be from 8 - 11 AM across these stations.**
- There is lower confidence regarding density of this fog but favoring visibility to be within the 2 - 4-mile range. This would be valid through 11 AM CT.
- Due to the lack of winds sitting over the Bay (Morgan's Point through 51/52) hazy conditions of 2-4 mi visibility can linger through about 1 PM before winds increase and mix the atmosphere.

Houston Pilots Extended Range Visibility Report



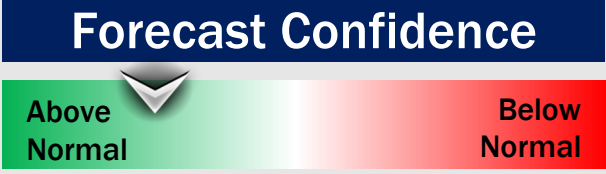
Wednesday 1/3/24

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 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	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			
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	5	0.52	0.28	0.28	0.28	0.24	0.28	2	4	7	10		
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	5	2	2	2	2	1	2	3	5	7	10		
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	4	4	4	4	2	4	5	7	8	10		
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	7	7	7	6	2	7	7	7	8	10		
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	7	7	7	6	2	7	7	7	9	10		
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	7	7	7	6	2	7	7	7	9	10		
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	7	7	7	6	2	7	7	9	9	10		
75/76	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	7	7	7	6	1	7	7	8	9	10	
63/64	10	10	10	10	10	10	8	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	7	7	7	6	0.61	7	7	7	9	10	
51/52	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	7	7	7	4	0.42	7	7	7	9	9		
37/38	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	7	7	6	2	0.48	4	7	7	9	9		
25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	7	6	5	1	1	7	7	9	9		
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7	7	7	7	7	2	0.45	5	7	9	9		
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	9	7	7	7	7	7	7	5	0.58	3	5	7	9

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	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	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	
610 Bridge	3	3	2	2	2	1	0	1	2	3	3	6	6	6	7	6	6	5	4	4	4	3	3	3	3	3	2	2	2	2	3	3	5	7	7	7	8
Kinder 1	10	9	9	10	11	11	10	7	4	8	11	10	9	11	11	10	9	8	7	7	6	5	5	5	5	4	4	4	4	3	4	5	7	10	11	11	12
	SSW	SSW	SSE	SE	SSE	S	SE	SW	WSW	SW	SW	SW	SW	SW	SSW	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	ENE	N	N	E	N	N	N	N	
Greens Bayou	3	3	2	2	1	1	0	1	2	3	3	6	6	6	7	6	6	5	4	4	4	3	3	3	3	2	2	2	2	3	3	5	7	7	7	8	
	9	8	8	9	10	11	10	7	2	8	10	10	9	10	10	9	9	7	7	6	6	5	5	5	4	4	4	3	3	4	5	7	10	10	10	12	
Shell Crude	2	3	3	2	2	1	1	1	1	2	3	6	6	6	6	6	6	5	4	4	4	3	3	3	3	2	2	2	2	3	5	7	7	7	8		
	9	8	8	9	10	11	9	8	4	8	10	10	9	9	9	9	8	7	7	6	6	5	5	5	4	4	4	3	3	4	5	7	10	10	10	11	
Lynchburg Ferries	2	3	3	3	3	2	2	0	1	2	4	6	6	6	6	6	6	5	5	4	4	3	3	3	3	2	3	3	4	5	7	7	7	8			
	8	8	7	8	9	10	8	6	2	6	9	10	9	9	9	9	8	7	6	6	6	5	5	5	5	4	4	3	3	4	5	8	10	10	10	11	
Exxon 3	2	3	3	3	3	3	3	2	0	1	1	4	5	6	6	6	6	6	5	5	5	4	4	4	4	3	3	3	3	3	4	5	7	7	7	8	
	7	7	7	8	8	8	6	5	4	4	9	9	9	9	9	9	8	8	6	6	6	6	6	5	5	5	5	4	4	5	6	8	10	10	10	11	
Morgans Point	3	3	4	3	4	4	3	2	1	1	2	4	5	6	7	7	7	7	6	6	6	5	5	4	4	4	4	3	3	4	5	6	7	7	8	8	
	7	7	8	8	7	6	5	5	5	9	9	9	9	10	9	9	9	9	9	7	7	7	6	6	5	5	4	4	4	5	6	8	10	10	11	11	
75/76	SSW	SSW	S	S	S	S	SSE	SSE	SE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	E	NNE	N	NW	NNE	NNE	NNE		
	4	3	4	3	4	4	4	3	2	2	2	3	5	6	8	9	9	9	8	7	7	6	6	5	5	4	4	4	4	4	5	7	8	8	8	8	
63/64	9	7	8	7	6	6	6	6	6	6	9	10	9	9	11	10	10	10	9	8	8	8	7	7	6	6	5	5	4	4	5	6	8	9	10	11	12
	SW	SW	S	SSE	SSE	SSE	S	SSE	ESE	E	ESE	ESE	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SE	ENE	NNW	N	NNE	NNE	NNE		
51/52	4	3	4	3	3	4	4	3	2	2	2	3	5	8	9	9	9	8	7	7	7	6	6	6	6	5	5	4	4	4	5	7	8	8	8	9	
	8	6	6	5	6	7	6	7	6	5	9	9	9	11	10	10	9	9	8	7	7	6	6	6	7	6	5	5	4	4	5	7	9	10	11	12	
37/38	WSW	SW	S	SSE	SSE	SSE	S	SSE	ESE	ESE	SE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SE	NNW	E	NNE	NNE	NNE			
	4	2	1	3	3	4	4	4	3	3	3	4	6	8	8	8	8	8	7	6	5	5	5	5	6	5	4	4	3	3	4	6	8	8	9	9	
25/26	7	5	4	5	6	6	6	7	6	5	9	9	9	10	11	9	9	9	8	7	6	6	6	6	6	5	5	3	3	3	5	7	9	10	11	12	
	WSW	WSW	S	SSE	SSE	SSE	S	SSE	S	SSE	SSE	S	S	S	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	ENE	WNW	N	NNE	NNE	NNE	
11/12	4	3	1	2	3	4	4	5	4	4	4	4	5	6	7	7	7	7	6	6	6	6	6	6	6	5	5	4	4	4	5	7	8	9	9	9	
	7	7	5	5	6	6	7	7	6	8	8	8	9	11	10	8	8	8	7	6	6	6	7	6	7	6	5	5	4	4	6	7	9	10	11	12	
1 & 2 Bravo	SW	WSW	SW	SSE	S	S	SSE	S	SSE	SSE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ESE	ENE	S	N	NNE	NNE	NNE	
	5	4	3	2	4	4	4	5	5	4	5	5	4	4	4	7	7	8	8	7	7	7	7	7	7	7	6	6	5	6	5	6	7	8	9	9	10
	9	9	8	6	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	7	7	6	6	6	7	7	8	9	10	11	12
	SW	SW	SW	S	S	S	SSE	SSE	SSE	SE	SE	SE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	ESE	E	NE	NNW	NE	NNE	NNE	

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: Sun. 12/31/2023



Forecast Discussion

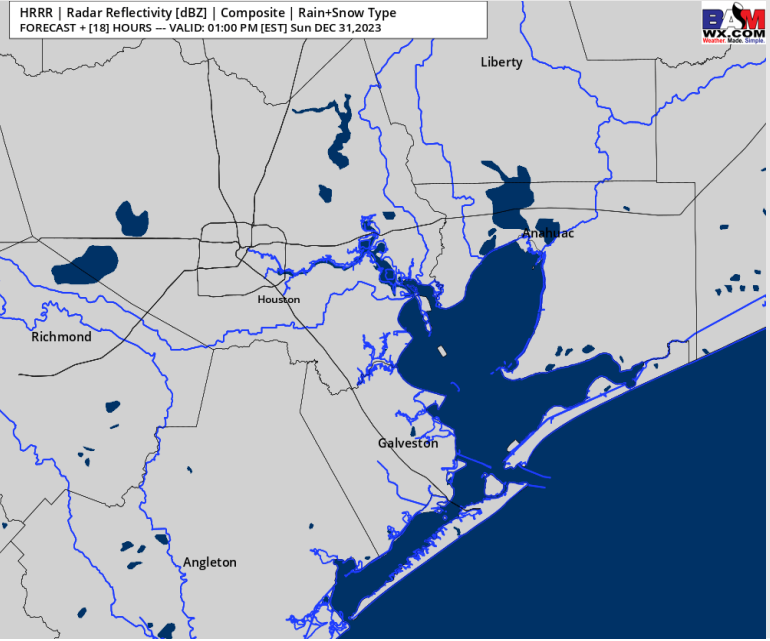
Precip: Favoring dry conditions for today.

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 12 - 4 PM at 5 - 10 kts. **S of Morgan's Point:** Sustained winds 4-9 kts with gusts occasionally reaching 12 kts at the Boarding Station. Winds will calm briefly to 1-5 kts between 8 AM - 2 PM. Starting at 3 PM winds pickup to 5 - 10 kts.

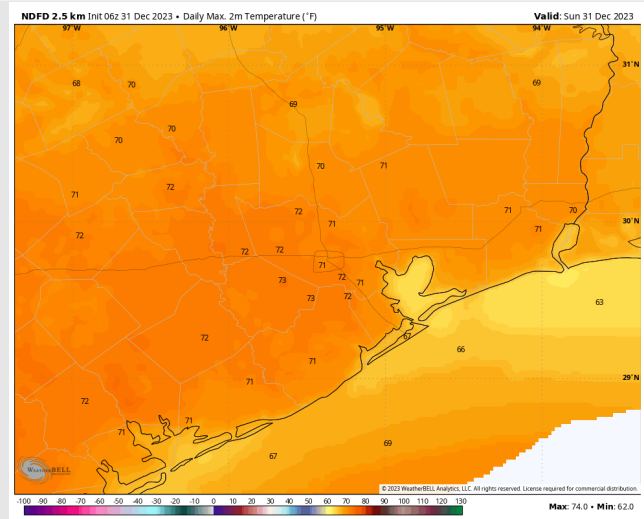
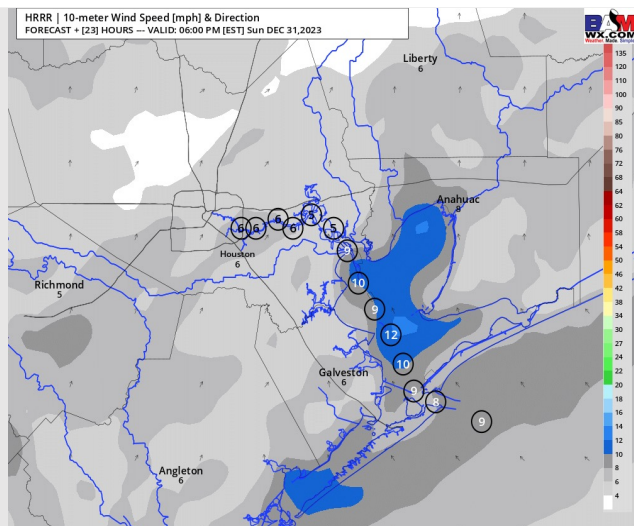
High Temps: **N of Morgan's Point:** Low 70s F. **S of Morgan's Point:** Mid-Upper 60s F

Visibility: Check the visibility slide for more details.

Precip Image: 12 PM CT



Wind Speed:
5 PM CT



High Temps
Today

Houston Pilots: Mon. 01/01/2024



Forecast Discussion

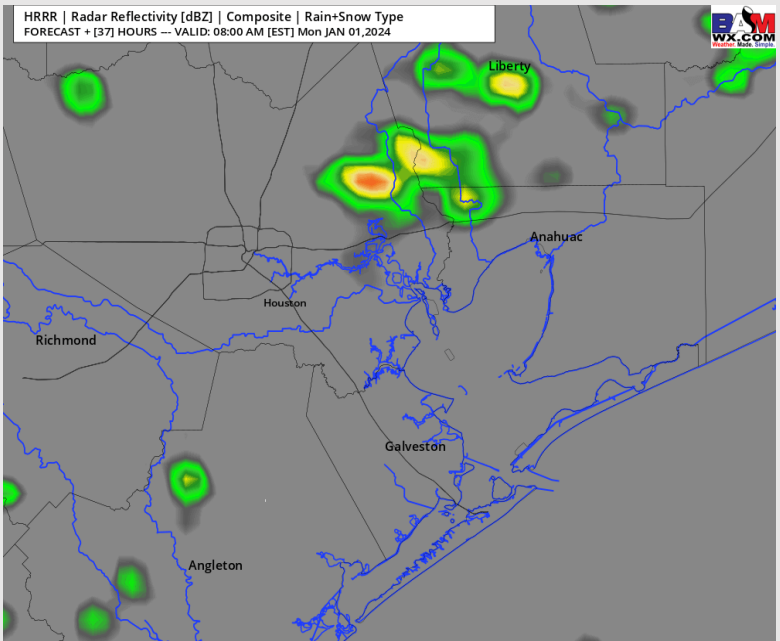
Precip: Scattered showers will build in along a front just after midnight towards 2 AM. Best window for rainfall will be from 4 - 10 AM. Dry conditions are favored after 10 AM. Chance of rain is 40 - 50 %

Wind: S/SE winds will veer clockwise with the arrival of the front, settling out of the NNE by 10 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.

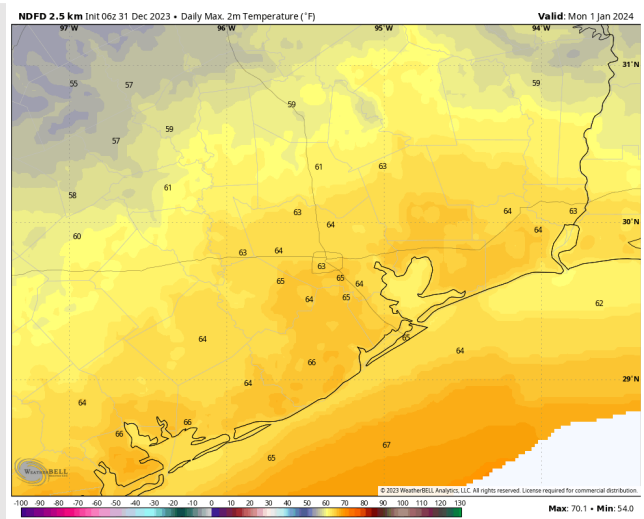
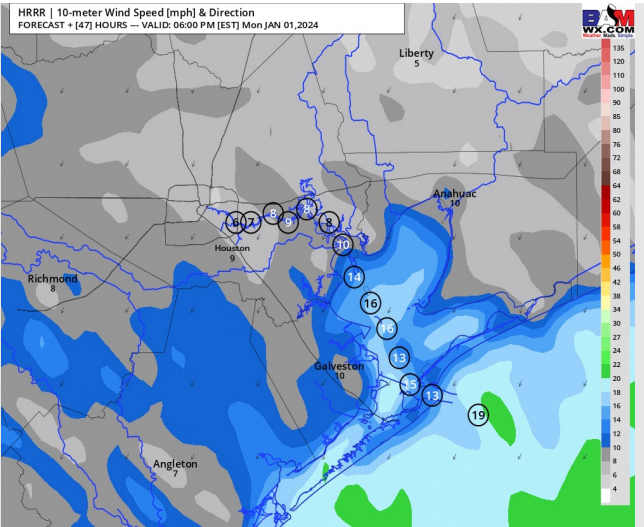
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low to mid 60s F.

Visibility: No fog concerns favored for Monday however visibilities can be reduced to ~2 miles under downpours. .

Precip Image: 7 AM CT



Wind Speed:
5 PM CT



High Temps
Monday

Houston Pilots: Tue. 01/02/2024



Forecast Discussion

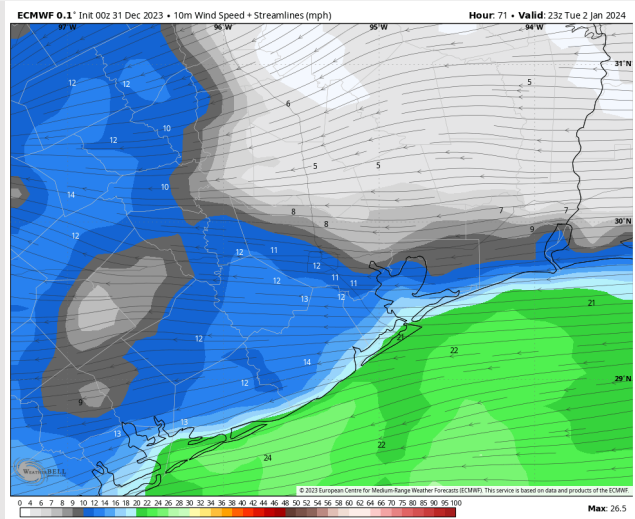
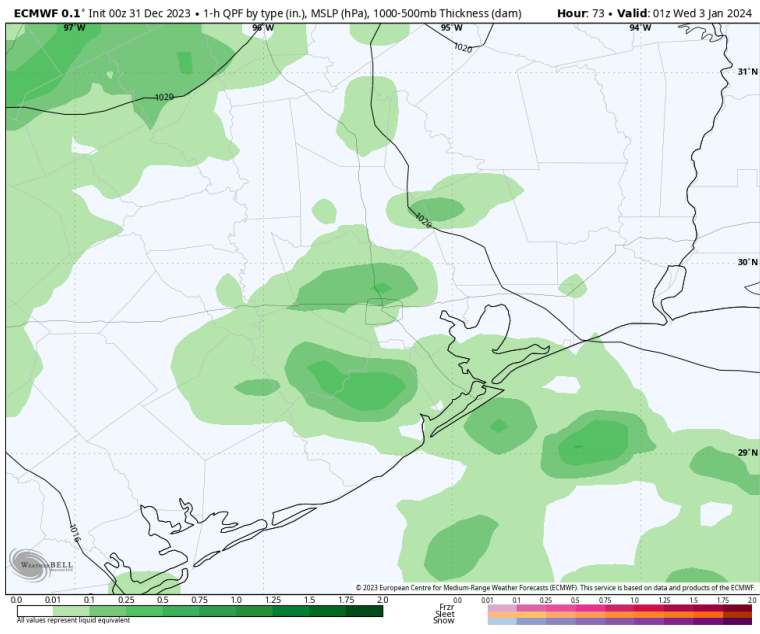
Precip: Dry conditions for the morning and early-mid afternoon. Scattered showers will then build in from the SW near 5 PM and persist for the remainder of the evening.

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:** 7-12 kts before 5 PM, increasing to 10-15 kts at that time. 13-18 kt winds at the Boarding Station.

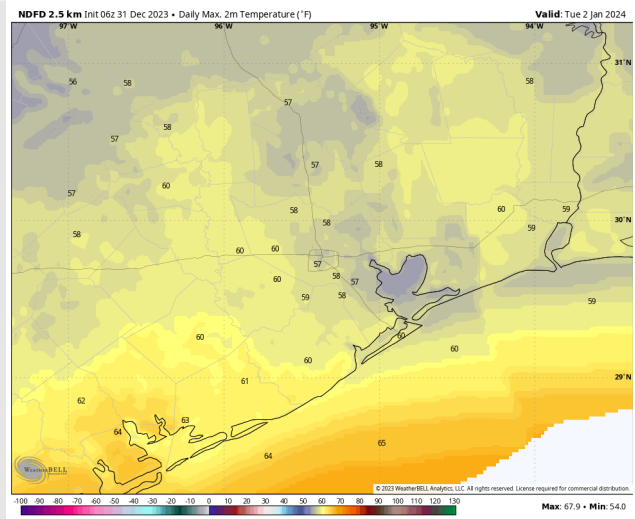
High Temps: **N of Morgan's Point:** Upper 50s Near 60 F. **S of Morgan's Point:** Mid-Upper 50s F.

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

Precip Image: 7 PM CT

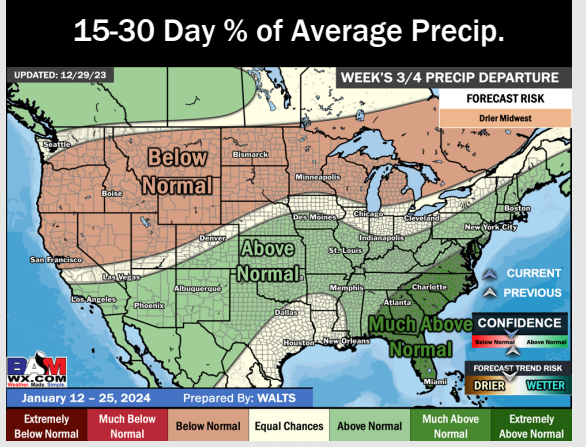
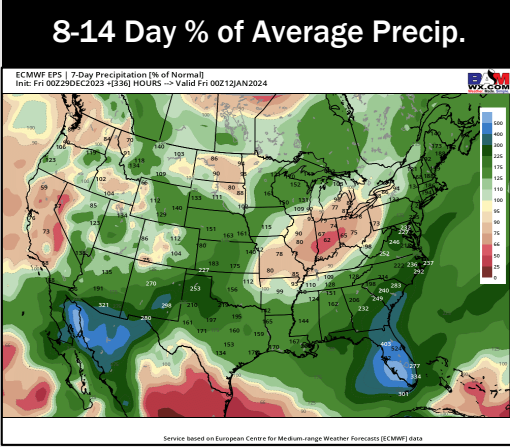
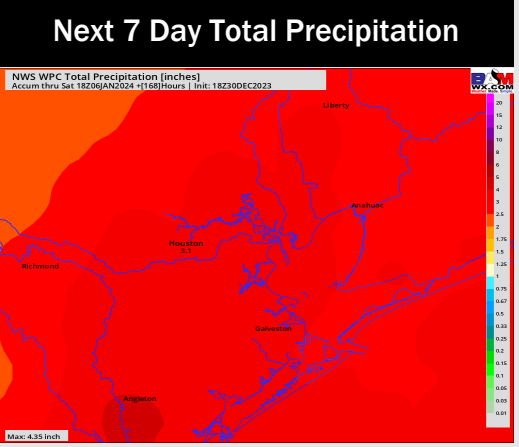
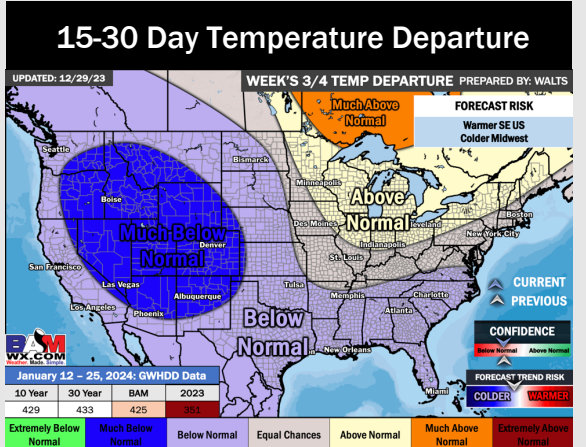
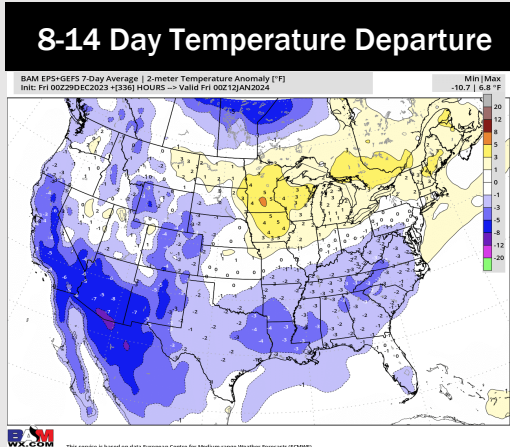
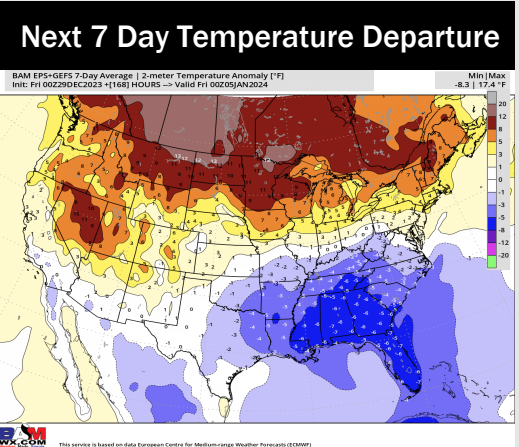


Wind Speed:
5 PM CT



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.