

Houston Pilots Forecast Package



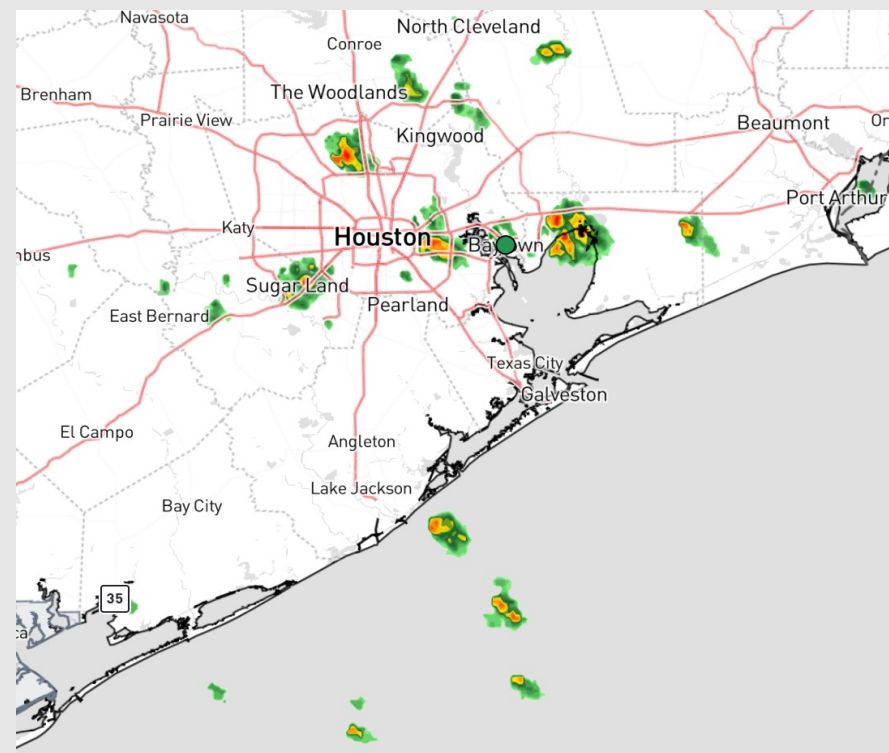
Updated: 1:10 AM CT

Monday, January 1, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Happy New Year!
- **Monitoring potential for fog this morning. Greatest risk will be for stations 51/52 and S.**
- Rain chances finally moving back in this morning. Additional chances coming Tuesday night into Wednesday.
- Winds pick up with the arrival of rain today and TUE



Radar/NWS Alerts: 1:07 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.

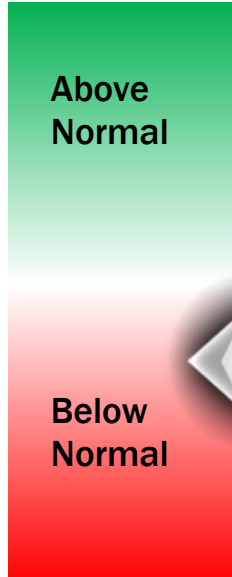
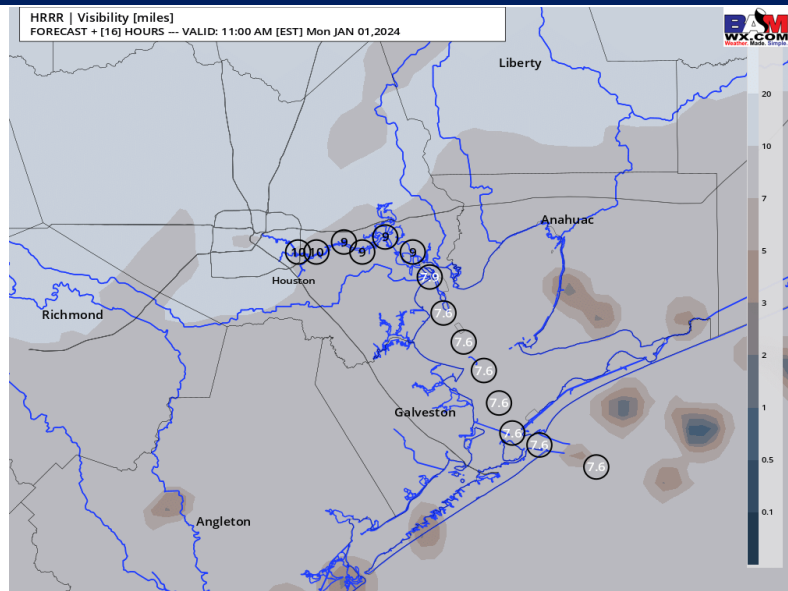
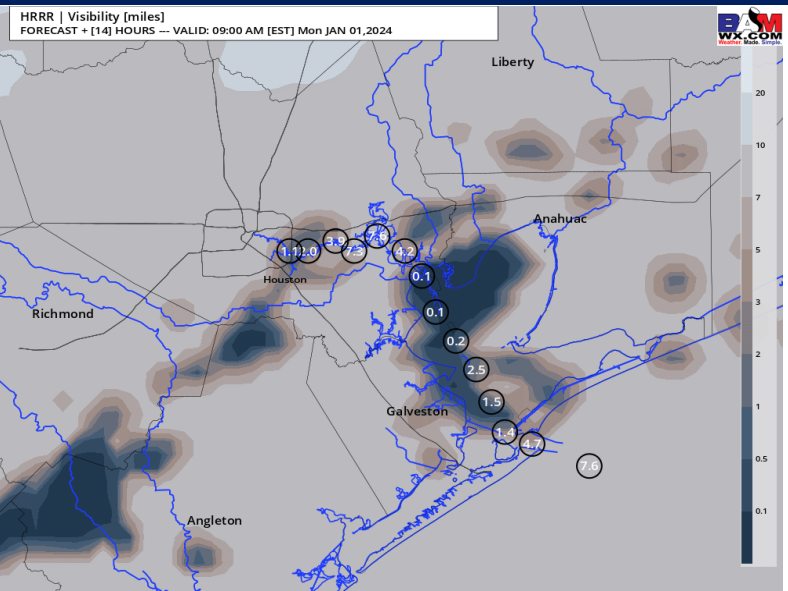
Houston Pilots Visibility Report



8AM CT MON VISIBILITY

10 AM CT MON VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
7AM - 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. Visibilities of 2-4 miles will also be possible under scattered rain showers.
- 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



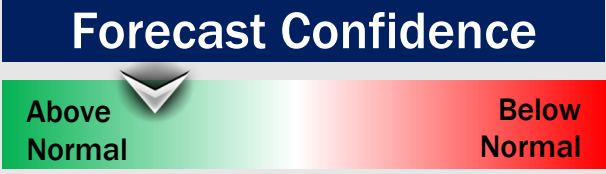
Thursday 1/4/24

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.



Saturday 1/6/24

No visibility concerns for Saturday.



Chance for Fog

Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	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	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am			
610 Bridge	10	9	7	6	5	4	4	4	5	9	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	10	10	10	
Kinder 1	10	9	7	6	6	4	4	4	5	9	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	10	10	10	
Greens Bayou	10	10	7	6	5	5	5	4	6	9	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	10	10	10	
Shell Crude	10	10	8	6	6	4	4	4	5	9	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	10	10	10	
Lynchburg Ferries	10	10	8	6	5	5	4	4	5	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	10	10	10	10	
Exxon 3	10	10	8	6	5	4	4	4	5	9	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	10	10	10	
Morgans Point	10	10	8	6	5	4	4	4	4	9	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	10	10	10	10
75/76	10	10	8	6	5	4	4	4	4	7	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	10	10	10	10
63/64	10	10	9	6	6	4	4	4	4	7	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	10	10	10	10
51/52	10	10	10	6	6	5	4	4	4	7	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	10	10	10	10
37/38	10	10	10	9	6	5	5	4	4	7	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	10	10	10	10
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1 & 2 Bravo	10	10	10	9	7	7	6	5	5	8	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	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	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	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am		
610 Bridge	1	2	2	2	2	2	1	2	6	6	6	6	6	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	
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	ENE	ESE	ENE	ESE	ENE	NE	ENE	ENE	NNE	NNE	NNE	NNE	NNE	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	
Kinder 1	1	2	2	2	2	2	1	2	6	6	6	6	6	7	8	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	
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	ENE	E	ENE	ESE	E	NE	E	ENE	NNE	NNE	NNE	NNE	NNE	N	N	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	
Greens Bayou	1	2	2	2	2	2	2	2	6	6	6	6	6	7	7	8	8	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
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Shell Crude	1	2	2	2	2	2	2	2	5	5	6	6	6	7	7	8	8	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
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Lynchburg Ferries	1	2	2	2	2	2	2	2	5	6	7	7	7	7	8	8	8	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
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Exxon 3	2	2	2	1	2	2	2	3	5	5	6	6	7	7	7	9	8	8	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	7	8	8		
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Morgans Point	2	3	3	1	2	3	2	3	6	5	6	6	7	7	9	9	9	9	9	9	9	9	9	9	9	9	10	9	10	10	10	10	9	9	9	9		
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63/64	3	4	4	5	3	4	3	4	5	11	8	8	6	6	6	10	11	11	11	12	12	12	13	13	13	13	14	15	15	15	15	15	15	14	13	12	11	
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1 & 2 Bravo	4	5	4	5	2	5	4	4	5	6	12	9	9	9	6	10	11	11	12	13	14	14	15	16	16	16	16	16	17	17	17	16	16	16	16	16		
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	SSE	SSE	SSE	ESE	ENE	SE	SSE	ENE	NE	ENE	E	NE	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE		

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Houston Pilots: Mon. 01/01/2024



Forecast Discussion

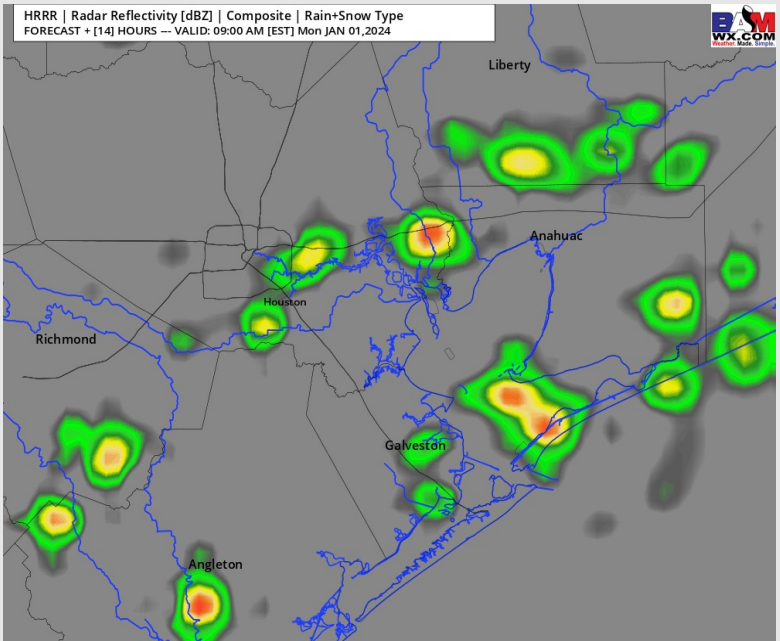
Precip: Scattered showers will continue to build in along a front. Best window for rainfall will be from 4 - 11 AM. Dry conditions are favored after 11 AM. Chance of rain is 20% - 30 %

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.

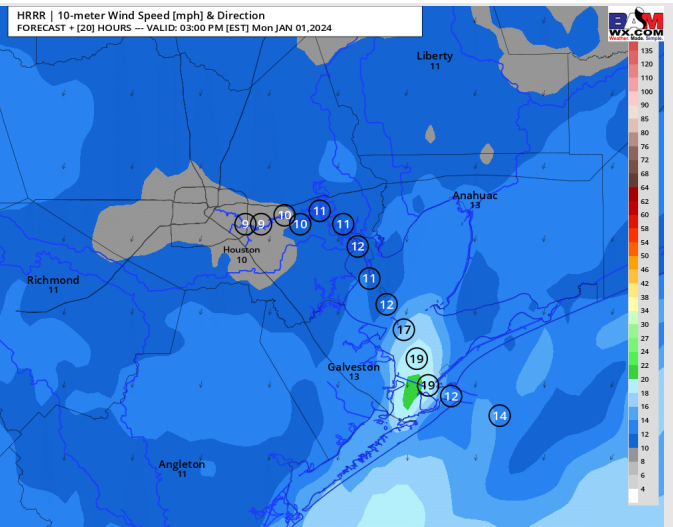
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low to mid 60s F.

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

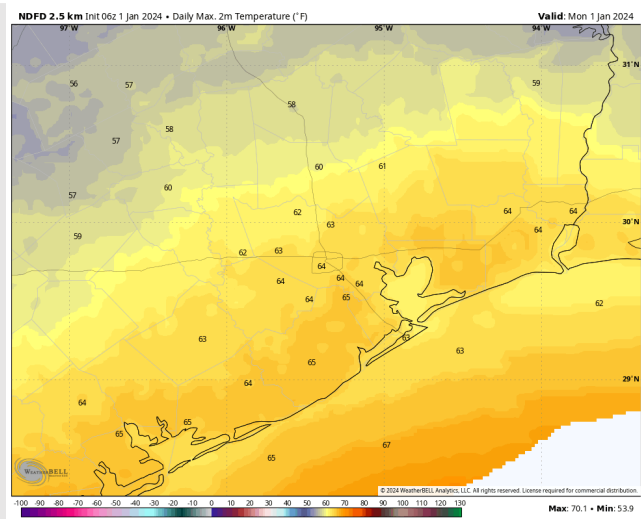
Precip Image: 8 AM CT



Wind Speed:
2 PM CT



High Temps
Today



Houston Pilots: Tue. 01/02/2024



Forecast Discussion

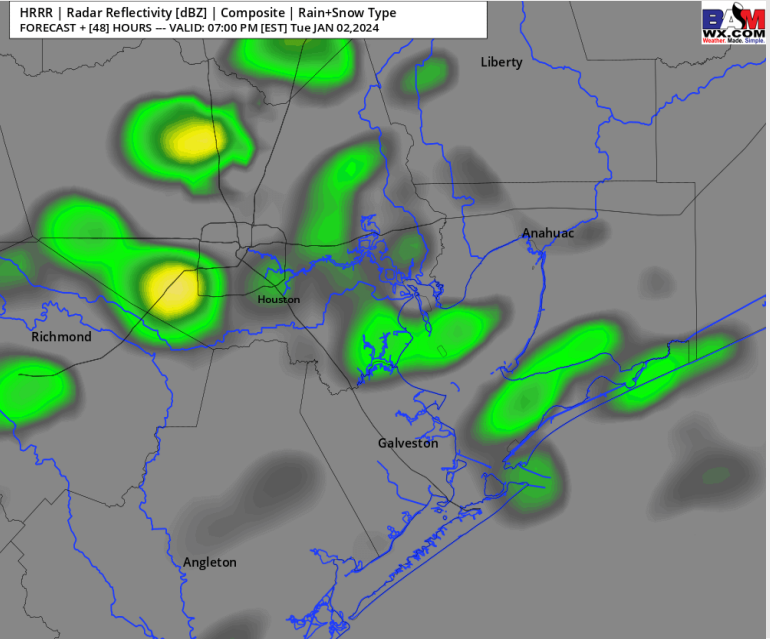
Precip: Dry conditions for the morning and early-mid afternoon. Scattered showers will then build in from the SW near 5 PM and persist for the remainder of the evening.

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:** 8-13 kts before 5 PM, increasing to 10-15 kts at that time. 15-20 kts winds at the Boarding Station.

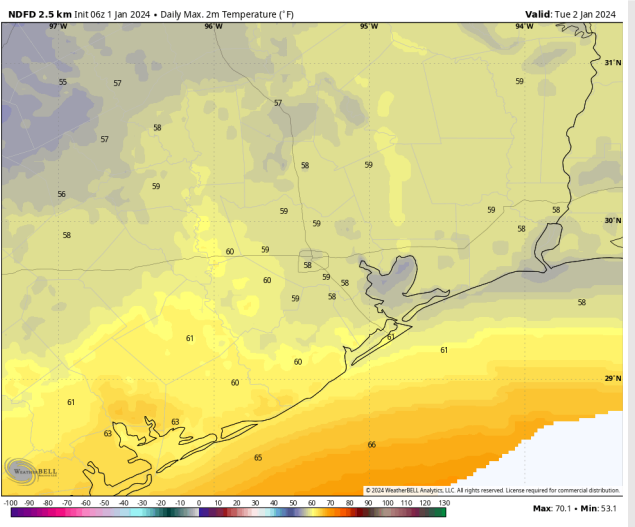
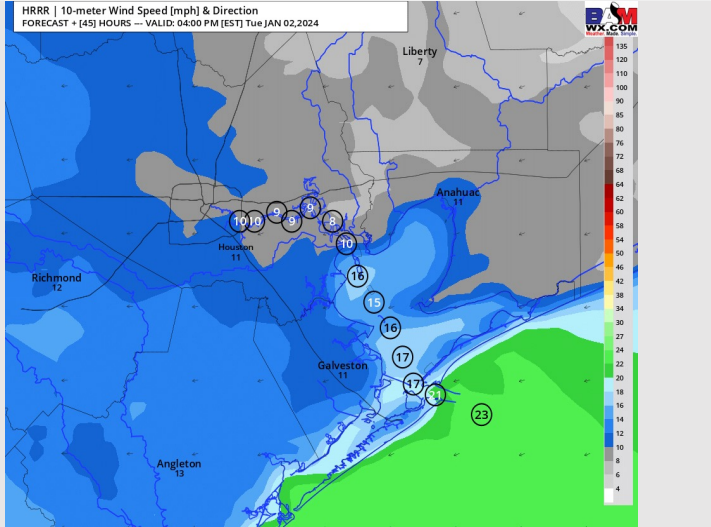
High Temps: **N of Morgan's Point:** Upper 50s Near 60 F. **S of Morgan's Point:** Mid-Upper 50s/low 60s F.

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

Precip Image: 6 PM CT



Wind Speed:
3 PM CT



High Temps
Tuesday

Forecast Discussion

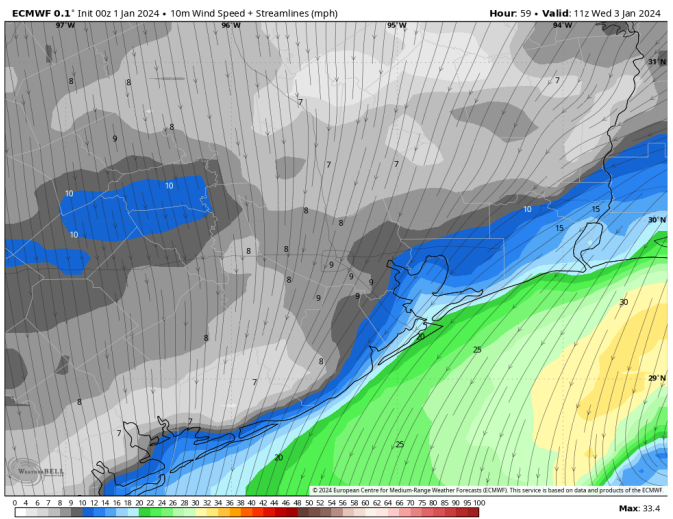
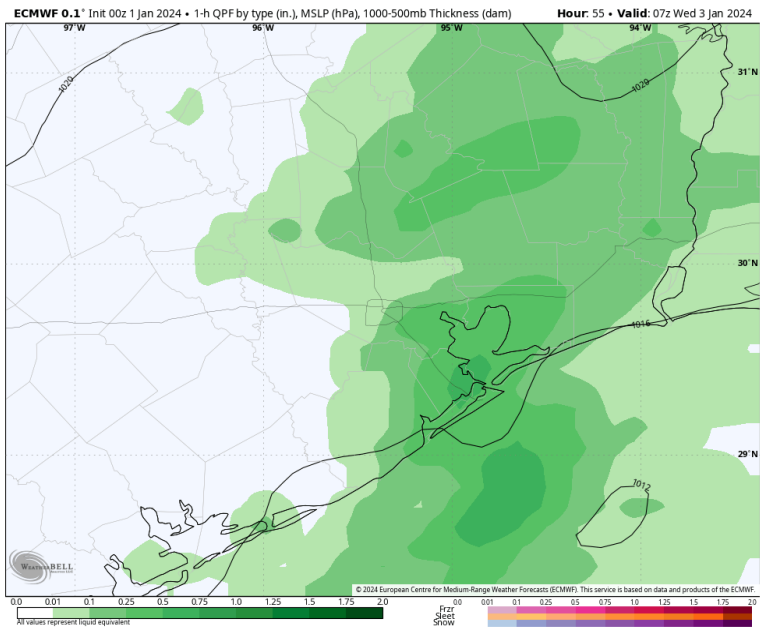
Precip: Scattered showers continue through 4 AM. Dry conditions thereafter.

Wind: Winds will be variable for much of the AM, settling out of the N by 9 AM. **N Morgan's Point:** 7-12 kt winds will calm to 4-9 kts by 5 AM and remain at that clip for the rest of the day. **S of Morgan's Point:** 10-15 kt winds will decrease to 7-12 kts by 6 AM. 15-20 kt winds at the Boarding Station will persist through 12 PM, before also decreasing to 7-12 kts.

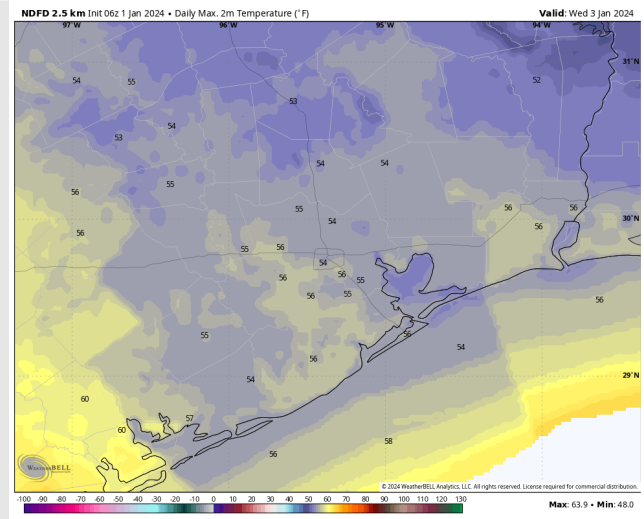
High Temps: **N of Morgan's Point:** Mid 50s F. **S of Morgan's Point:** Mid 50s F

Visibility: Not anticipating any fog concerns. Downpours can reduce visibilities to ~2 miles.

Precip Image: 1 AM CT

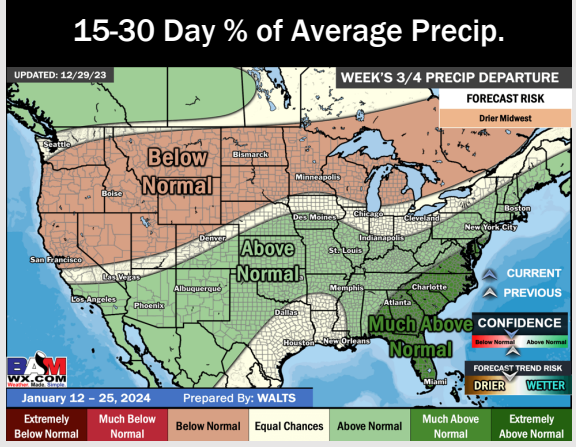
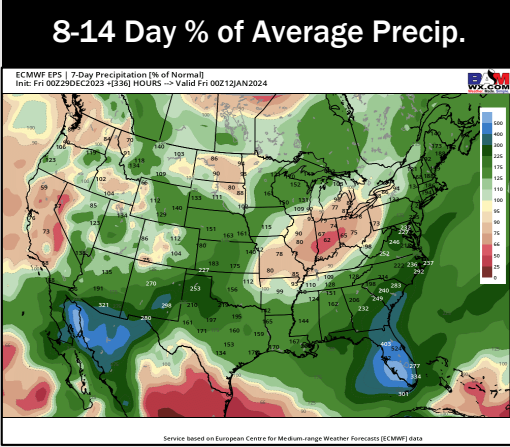
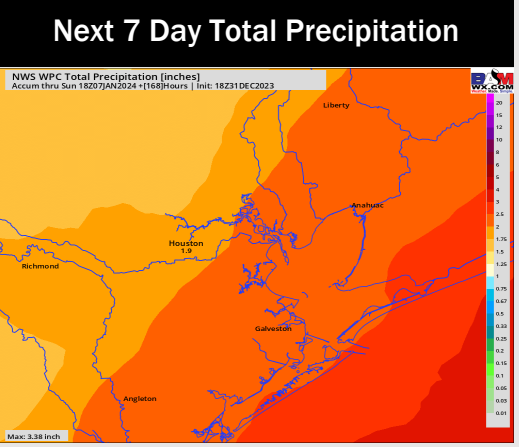
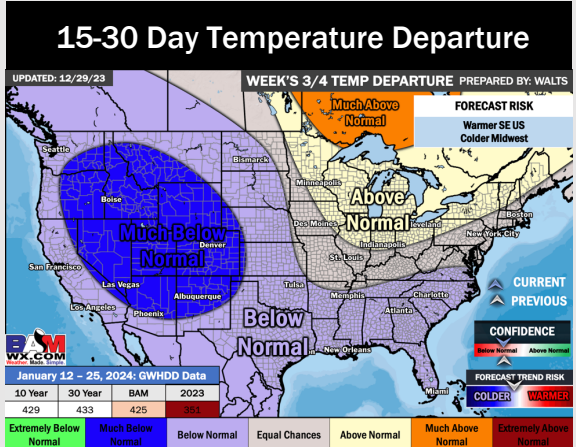
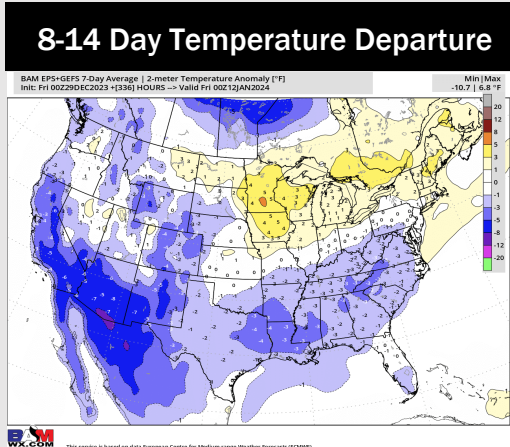
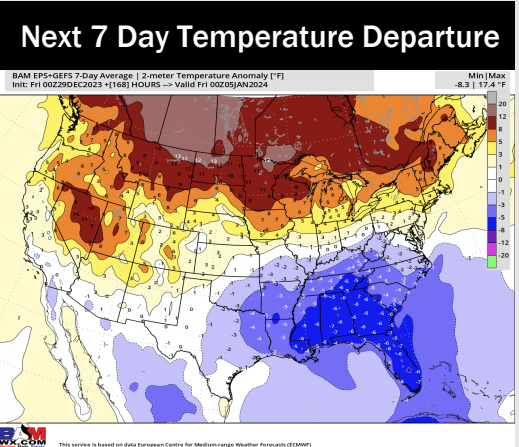


Wind Speed:
5 AM CT



High Temps
Wednesday

Houston Pilots: 1/1/24



- 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.