

Houston Pilots Forecast Package



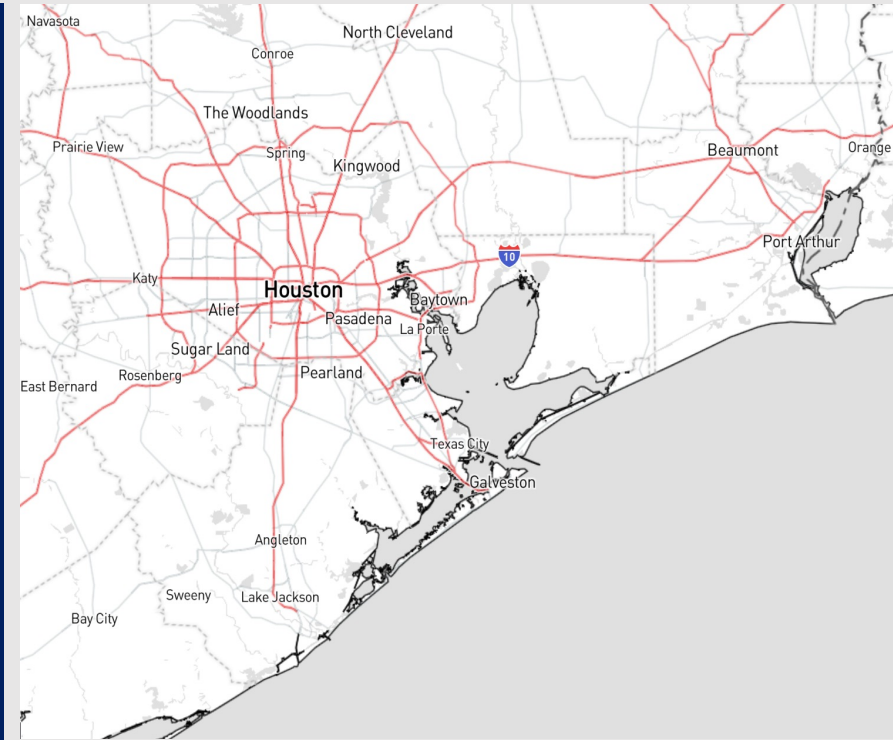
Updated: 2:05 PM CT

Tuesday, December 26, 2023

Forecaster: Will Danby

Weather Headlines

- A dry cold front will sweep through early tomorrow AM. Winds will increase into Wednesday afternoon, with some speeds becoming blustery at the Boarding Station (15 -20+ kts) at times.
- A quiet second half of the week is in store with the next rain chance entering towards Monday the 1st.
- A low-end risk for fog north of Morgan's Point is possible tomorrow AM. Outside of this low-end risk, the next several days look fog-free.



Radar/NWS Alerts: 2:00 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 Extended Range Visibility Report



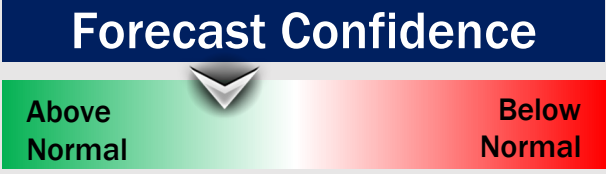
Friday 12/29/23

Not favoring sea fog concerns for Friday.



Saturday 12/30/23

Not favoring sea fog concerns for Saturday



Sunday 12/31/23

No visibility concerns for Sunday



Chance for Fog

Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence

Above Normal

Below Normal

Time	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am		
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	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	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	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	10	10	10	10	10	10	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	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	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	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	10	10	10	10	10	10	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	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	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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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	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	10	10	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	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
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	8	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	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	
610 Bridge	5 SE	6 SE	5 SSE	4 SSE	5 SE	3 ESE	2 ENE	2 ENE	4 SE	1 SE	1 SE	2 SE	1 SE	2 SE	2 SE	2 SE	2 SE	3 W	3 W	4 WNW	4 WNW	5 WNW	6 WNW	6 WNW	7 WNW	7 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	7 WNW	7 WNW	6 WNW	
Kinder 1	5 SE	6 SE	5 SSE	4 SSE	5 SE	3 ESE	2 ENE	2 ENE	4 SE	1 SE	1 SE	2 SE	1 SE	2 SE	2 SE	2 SE	2 SE	2 SE	3 W	3 W	4 WNW	4 WNW	5 WNW	6 WNW	6 WNW	7 WNW	7 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	7 WNW	7 WNW	6 WNW	
Greens Bayou	5 SE	6 SE	5 SSE	4 SSE	5 SE	3 ESE	2 ENE	2 ENE	4 SE	1 SE	1 SE	2 SE	1 SE	2 SE	2 SE	2 SE	2 SE	2 SE	3 W	3 W	4 WNW	4 WNW	5 WNW	6 WNW	6 WNW	7 WNW	7 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	7 WNW	7 WNW	6 WNW	
Shell Crude	5 SE	6 SE	5 SSE	4 SSE	5 SE	3 ESE	2 ENE	2 ENE	4 SE	1 SE	1 SE	2 SE	1 SE	2 SE	2 SE	2 SE	2 SE	2 SE	3 W	3 W	4 WNW	4 WNW	5 WNW	6 WNW	6 WNW	7 WNW	7 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	7 WNW	7 WNW	6 WNW	
Lynchburg Ferries	4 SE	6 SE	5 SSE	4 SSE	4 SE	3 ESE	2 ENE	2 ENE	4 SE	1 SE	1 SE	2 SE	1 SE	2 SE	2 SE	2 SE	2 SE	2 SE	3 W	3 W	4 WNW	4 WNW	5 WNW	6 WNW	6 WNW	7 WNW	7 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	7 WNW	7 WNW	6 WNW	
Exxon 3	4 SE	5 SE	5 SSE	4 SSE	4 SE	3 ESE	2 ENE	2 ENE	4 SE	1 SE	1 SE	2 SE	1 SE	2 SE	2 SE	2 SE	2 SE	2 SE	3 W	3 W	4 WNW	4 WNW	5 WNW	6 WNW	6 WNW	7 WNW	7 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	7 WNW	7 WNW	6 WNW	
Morgans Point	4 SE	5 SE	5 SSE	4 SSE	4 SE	3 ESE	2 ENE	2 ENE	4 SE	1 SE	1 SE	2 SE	1 SE	2 SE	2 SE	2 SE	2 SE	2 SE	3 W	3 W	4 WNW	4 WNW	5 WNW	6 WNW	6 WNW	7 WNW	7 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	8 WNW	7 WNW	7 WNW	6 WNW
75/76	4 SE	6 SE	7 SE	6 SE	6 SE	5 ESE	4 ENE	4 ENE	6 SE	5 SE	5 SE	6 SE	5 SE	6 SE	6 SE	6 SE	6 SE	6 SE	7 W	7 W	8 WNW	8 WNW	9 WNW	9 WNW	9 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	
63/64	5 E	7 ESE	8 SE	7 SE	6 SE	5 ESE	4 ENE	4 ENE	6 SE	5 SE	5 SE	6 SE	5 SE	6 SE	6 SE	6 SE	6 SE	6 SE	7 W	7 W	8 WNW	8 WNW	9 WNW	9 WNW	9 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	
51/52	7 E	7 ESE	8 SE	7 SE	6 SE	5 ESE	4 ENE	4 ENE	6 SE	5 SE	5 SE	6 SE	5 SE	6 SE	6 SE	6 SE	6 SE	6 SE	7 W	7 W	8 WNW	8 WNW	9 WNW	9 WNW	9 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW
37/38	8 ESE	7 ESE	8 SE	7 SE	6 SE	5 ESE	4 ENE	4 ENE	6 SE	5 SE	5 SE	6 SE	5 SE	6 SE	6 SE	6 SE	6 SE	6 SE	7 W	7 W	8 WNW	8 WNW	9 WNW	9 WNW	9 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW
25/26	8 ESE	7 ESE	8 SE	7 SE	6 SE	5 ESE	4 ENE	4 ENE	6 SE	5 SE	5 SE	6 SE	5 SE	6 SE	6 SE	6 SE	6 SE	6 SE	7 W	7 W	8 WNW	8 WNW	9 WNW	9 WNW	9 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW
11/12	8 E	7 ESE	7 SE	6 SE	6 SE	5 ESE	4 ENE	4 ENE	6 SE	5 SE	5 SE	6 SE	5 SE	6 SE	6 SE	6 SE	6 SE	6 SE	7 W	7 W	8 WNW	8 WNW	9 WNW	9 WNW	9 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW
1 & 2 Bravo	9 E	7 ESE	7 SE	7 SE	7 SE	6 SE	5 ESE	4 ENE	6 SE	5 SE	5 SE	6 SE	5 SE	6 SE	6 SE	6 SE	6 SE	6 SE	7 W	7 W	8 WNW	8 WNW	9 WNW	9 WNW	9 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW	10 WNW

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Forecast Discussion

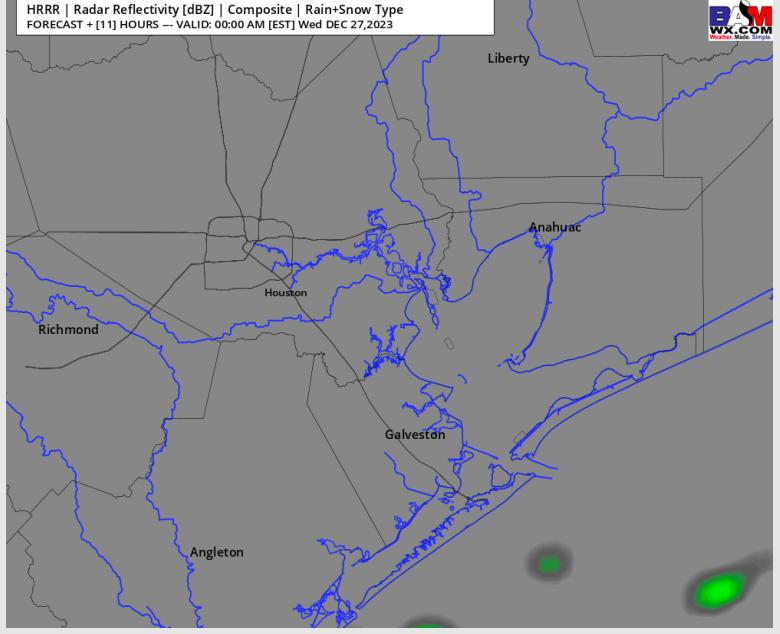
Precip: Favoring dry conditions for today. Would need to watch for a 10% chance isolated shower towards 9 PM - 1 AM at the Boarding Station

Wind: SE winds continue this afternoon through 8 PM. After 8 PM winds become light and variable in direction, with generally northerly winds north of Morgan's Point. **N of Moran's Point:** 3 - 7 kts. After 7 PM winds become near calm at 2 -5 kts. **S of Morgan's Point:** Sustained at 5 - 10 kts

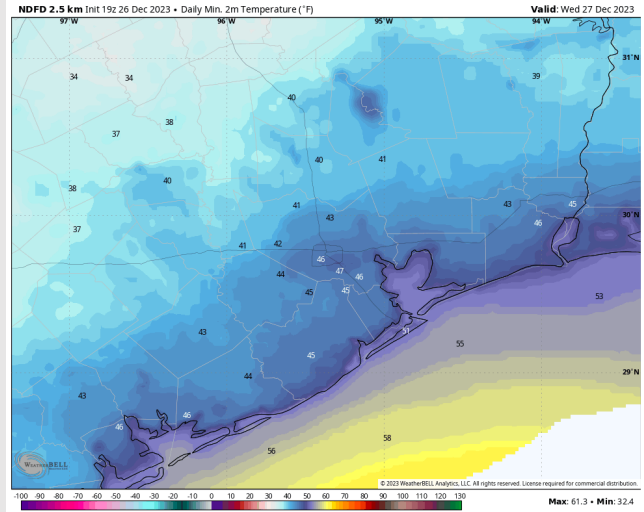
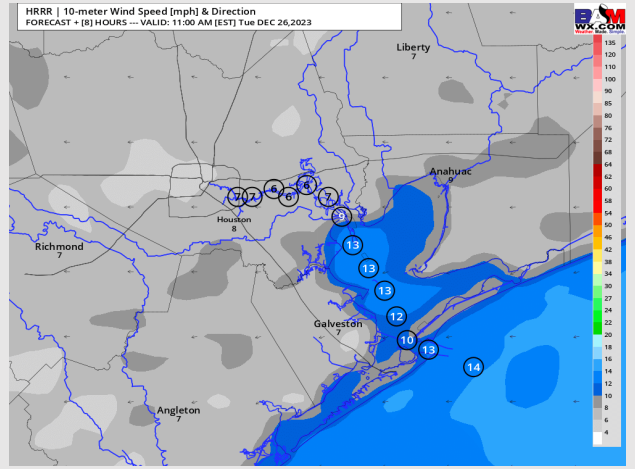
Low temps: **N of Morgan's Point:** Mid 40s F **S of Morgan's Point:** Lower 50s F, mid 50s F at the Boarding Station

Visibility: Low end risk for patchy fog present from 4 - 9 AM. This would only apply to 610 through Exxon 3. Visibility favored to remain above 3 miles.

Precip Image: 11 PM CT



Wind Speed:
10 AM CT



Low Temps
WED AM

Forecast Discussion

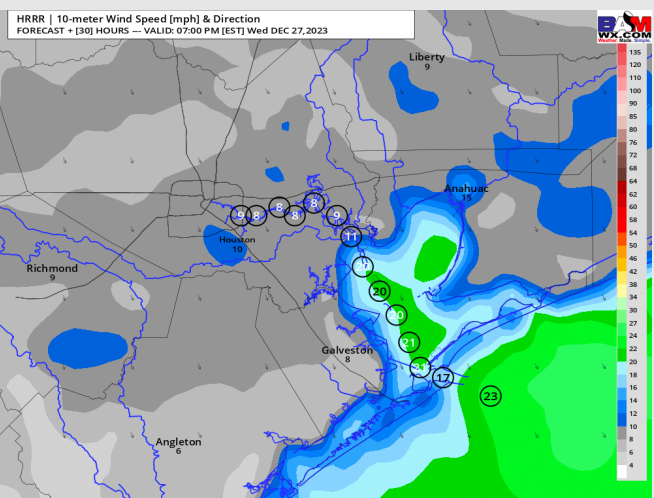
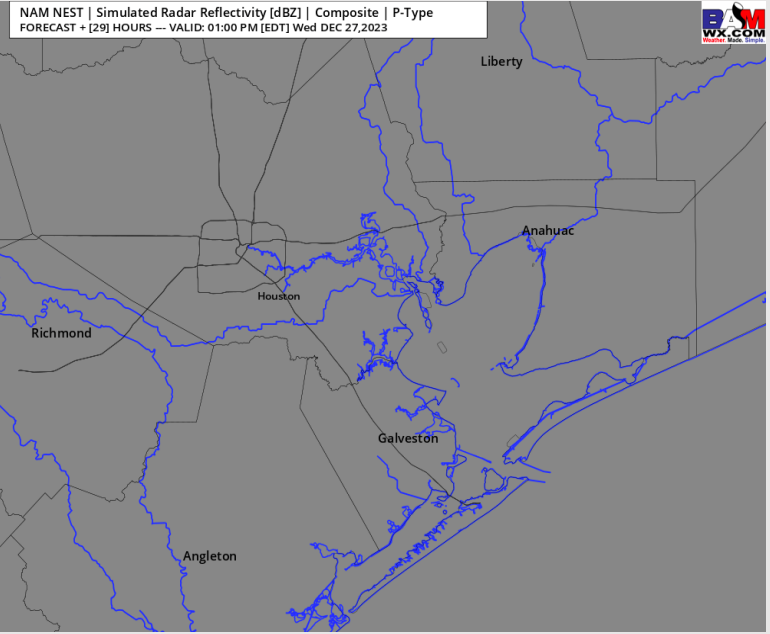
Precip: Isolated rain chances possible (20%) mainly for 11/12 and Boarding Station through 1 AM. Dry conditions favored afterwards.

Wind: Variable early AM winds will become northwesterly near sunrise and remain from the NW with increasing speeds into the afternoon. **N of Morgan's Point:** 3 - 7 kts prior to 8 AM. From 9 AM - 2 PM winds increase to 8 - 13 kts. Winds will slowly calm to 5 - 10 kts from 7 PM - midnight. **S of Morgan's Point:** 5 - 10 kts prior to sunrise. Winds increase slightly during 7 - 10 AM to 9 - 14 kts and 11- 16 kts at the Boarding Station. At 7 PM, winds increase again, at 14 - 19 kts and 18 - 23 kts at the Boarding Station. **Gusts to 25 - 28 kts will be possible south of Morgan's Point after 7 PM.**

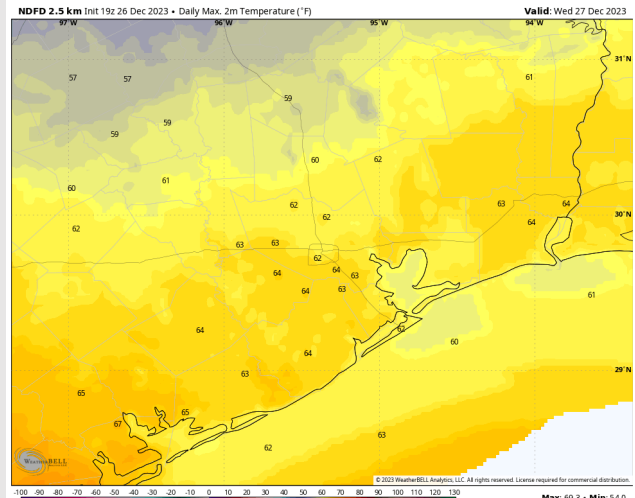
Low Temps: **N of Morgan's Point:** Low to mid 60s **F S of Morgan's Point:** Low 60s F

Visibility: Check the previous slide for details on low end fog risk.

Precip Image: 12 PM CT



Wind Speed:
6 PM CT



High Temps
Wednesday

Forecast Discussion

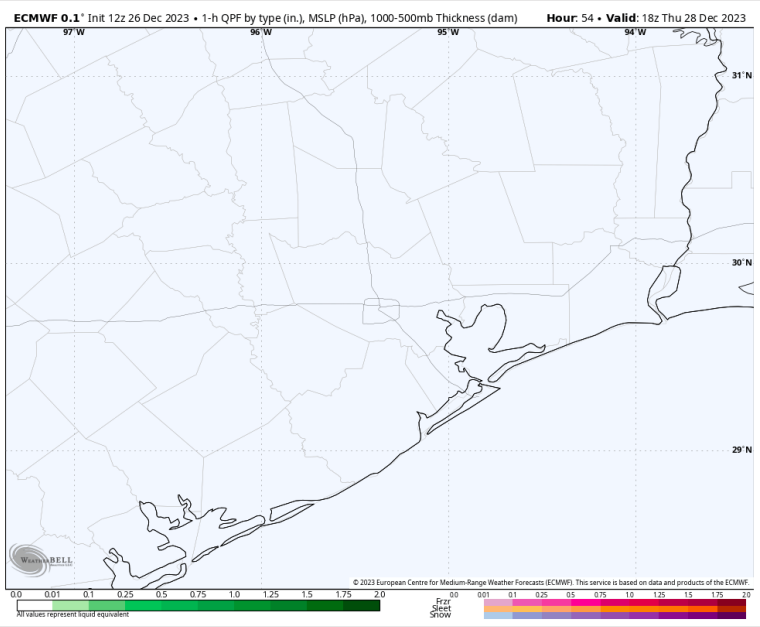
Precip: Favoring dry conditions for Thursday.

Wind: NW winds continue into Thursday. **N Morgan's Point:** 4 - 9 kts increasing to 6 - 11 kts from 3 - 5 PM After 5 PM, 3 - 7 kts. **S of Morgan's Point:** 14 - 19 kts in the early AM prior to sunrise. Towards 8 AM winds calm to 11- 16 kts and remain at this clip for the PM. Winds have backed off slightly from AM update.

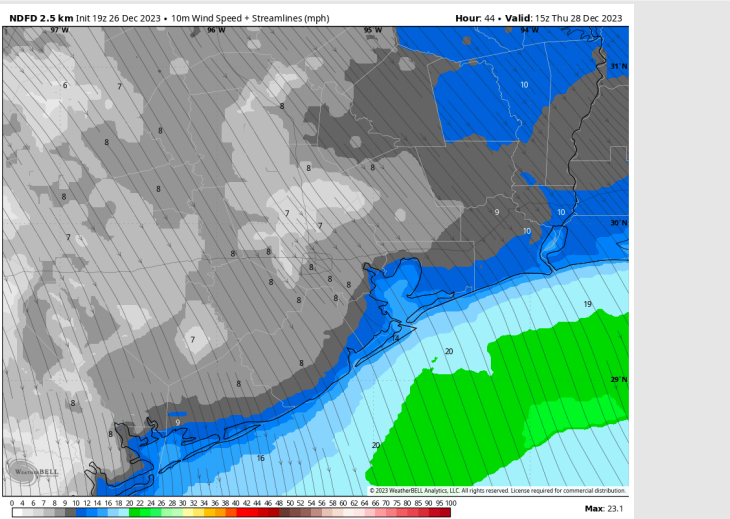
High Temps: Much cooler. **N of Morgan's Point:** Mid 50s F. **S of Morgan's Point:** Mid 50s F

Visibility: Not anticipating any visibility concerns

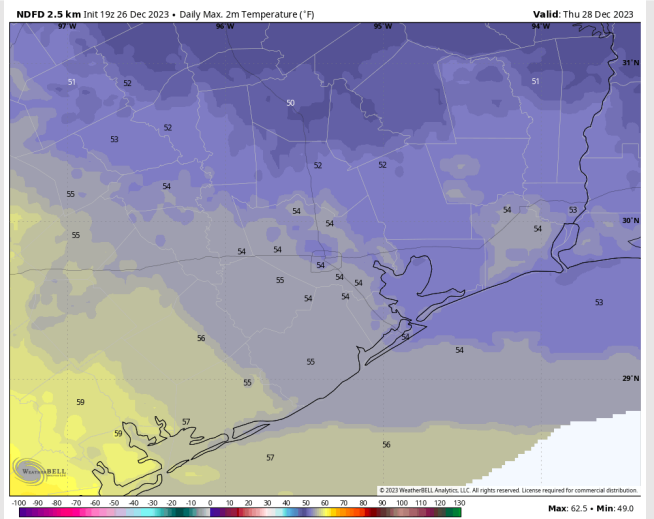
Precip Image: 12 PM CT



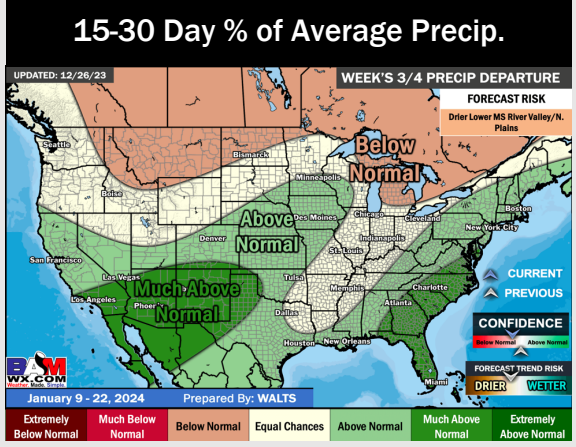
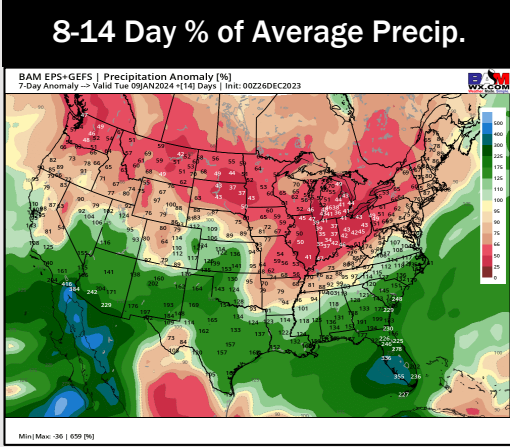
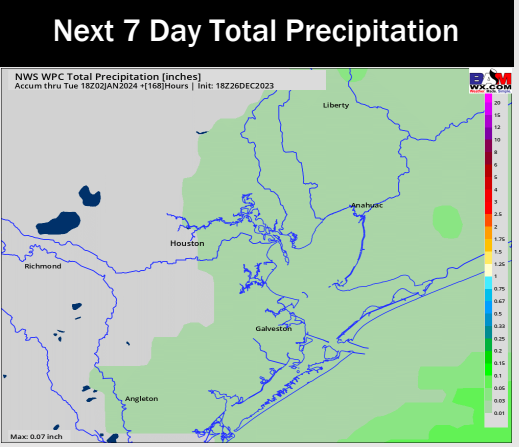
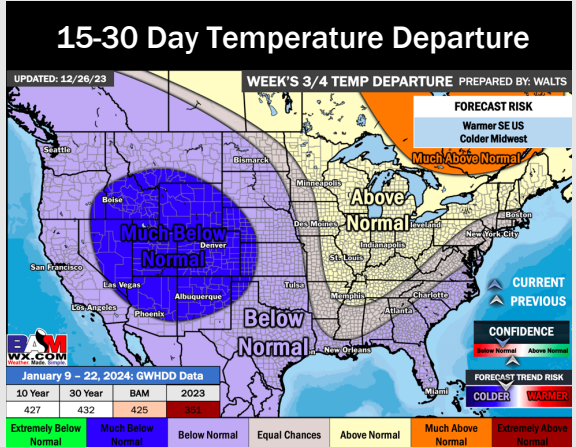
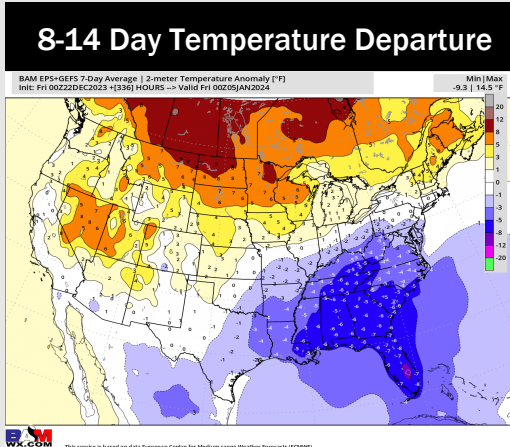
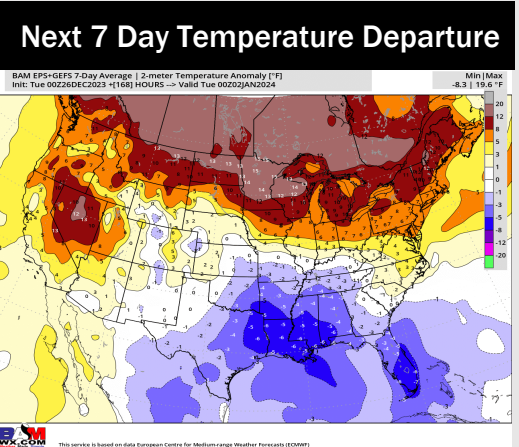
Wind Speed:
10 AM CT



High Temps
Thursday



Houston Pilots: 12/26/23



- A quiet second half of the week lies ahead with the next rain chance moving in Monday. 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 near normal chances for precipitation are favored in the weeks 3/4 timeframe. There is a risk this can trend wetter given an active subtropical jet.