

Houston Pilots Forecast Package



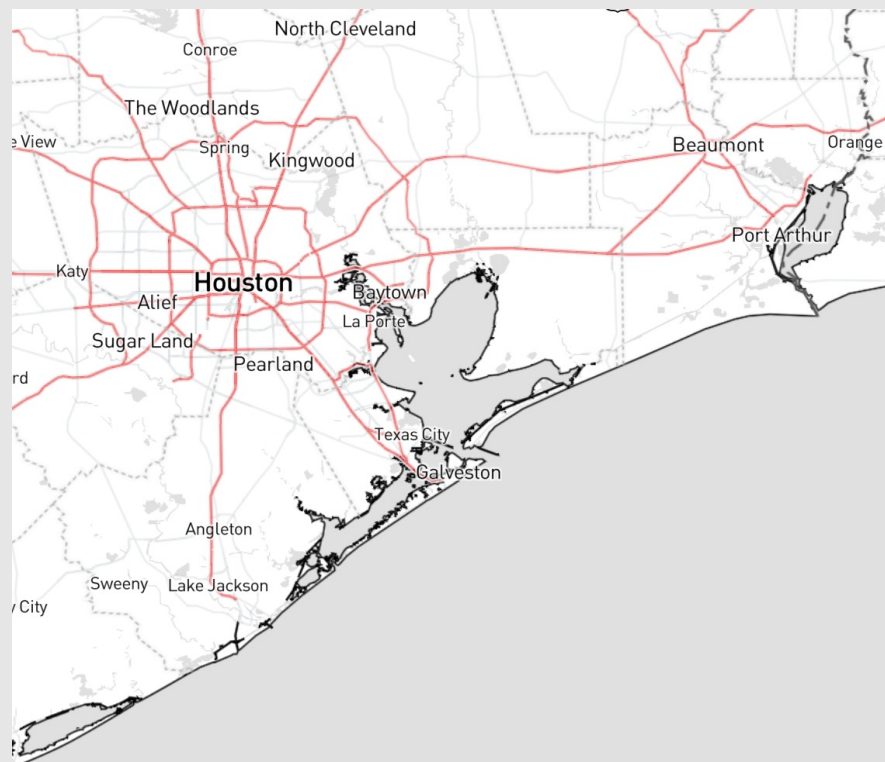
Updated: 4:40 AM CT

Thursday, December 7, 2023

Forecaster: Alyssa Elliott

Weather Headlines

- A few light showers possible Friday. Next rain chances for measurable arrive Saturday PM as cold front pushes southeast. **Keeping an eye on strong/severe wind gust potential.**
- Watching for the low end risk for patchy fog development within the bay late Friday into Saturday ahead of the front.
- A few wind gusts up to 20 kts will be possible today.



Radar/NWS Alerts: 4:30 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 Extended Range Visibility Report



Sunday 12/10/23

No fog concerns Sunday.



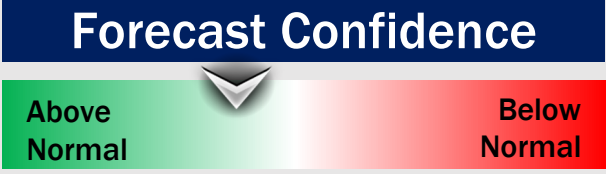
Tuesday 12/12/23

No fog concerns Tuesday.



Monday 12/11/23

No fog concerns Monday



Chance for Fog

Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm		
610 Bridge	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	10	10	10	6	4	5	6	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	6	5	5	7	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	7	7	7	8	9	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	9	9	9	9	9	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	9	9	9	9	9	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	9	9	9	9	9	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	9	9	9	9	9	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	9	9	9	9	9	9	10	10	
63/64	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	9	9	9	9	9	9	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	9	9	9	9	9	9	9	10	
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1 & 2 Bravo	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	9	9	9	9	9	9	9	7	7	7	7

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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	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	
610 Bridge	2	2	2	3	2	5	6	6	6	6	7	7	7	7	4	6	6	6	6	6	6	6	7	7	7	7	6	7	8	10	11	12	13	12	13		
	3	4	5	7	8	9	11	10	9	9	9	9	11	13	10	9	9	9	9	9	9	10	10	10	10	10	10	11	11	13	15	16	19	20	18	19	
	E	NE	NE	ENE	E	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	S	S	S	S	S	S	S		
Kinder 1	2	2	3	3	2	5	5	6	6	6	6	7	7	6	4	6	6	6	6	6	6	6	6	7	7	7	6	7	9	10	10	12	13	12	13		
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Greens Bayou	NNE	NE	NE	ENE	E	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	S	S	S	S	S	S		
	2	3	2	3	2	5	5	6	6	6	6	7	7	6	4	6	6	6	6	6	5	6	6	6	7	6	6	6	7	8	9	10	12	12	12	12	
Shell Crude	4	5	7	7	8	8	11	10	9	9	9	10	11	12	9	9	9	9	9	8	9	9	10	10	10	10	10	11	11	13	14	15	18	18	18	19	
	E	NE	ENE	ENE	E	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	S	S	S	S	S	S	S		
Lynchburg Ferries	2	3	3	3	2	5	5	7	7	7	7	7	7	6	4	7	6	6	6	6	6	6	7	7	7	7	7	7	8	9	10	11	12	12	12	13	
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Exxon 3	SE	ENE	ENE	ENE	E	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	S	S	S	S	S	S	S		
	2	3	3	3	3	5	5	7	7	7	7	8	7	6	4	7	7	7	7	6	7	7	8	8	8	7	7	8	8	9	10	11	12	12	13	13	
Morgans Point	5	6	7	7	7	8	11	11	10	10	10	11	12	13	10	10	10	9	9	9	9	10	10	10	11	10	10	10	11	12	13	14	16	18	18	19	
	E	ENE	E	E	E	ESE	SE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	S	S	S	S	S		
75/76	4	4	5	5	5	5	6	6	7	7	7	7	7	6	5	8	8	8	8	8	8	8	9	9	9	9	8	8	9	10	11	12	13	13	13	13	
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63/64	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	S	S	S	S	S	S	
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37/38	5	5	6	6	6	7	6	6	6	6	6	7	7	6	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	11	12	13	14	15	16	16	16
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25/26	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	S	S	S	S	S	S	S	
	5	5	6	6	6	7	7	6	6	6	6	6	6	5	5	7	7	7	7	8	8	8	9	9	9	9	9	9	9	10	10	11	11	12	12	12	12
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	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	S	S	S	S	S	S	S	
1 & 2 Bravo	6	6	7	7	7	8	7	6	6	6	6	6	5	6	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	11	11	11	11	11	11	11
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Houston Pilots: Thu. 12/07/2023



Forecast Discussion

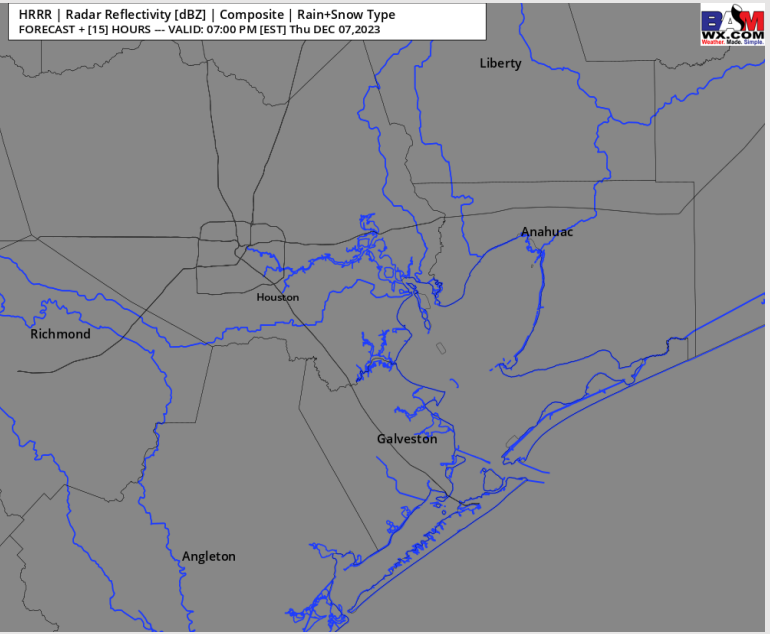
Precip: Dry conditions favored throughout the day today.

Wind: Winds out of the SE throughout the day. **N of Morgan's Point:** 3-8 kts through 10 AM-CT, with winds increasing to 8 – 12 kts after 10 AM. Around 5 PM, winds will decrease to 5-10 kts and remain there for the rest of the PM. **S of Morgan's Point:** 10 - 15 kts throughout the day (most consistently 15 kts towards the Boarding Station). **Gusts of 18-20 kts possible through the day.**

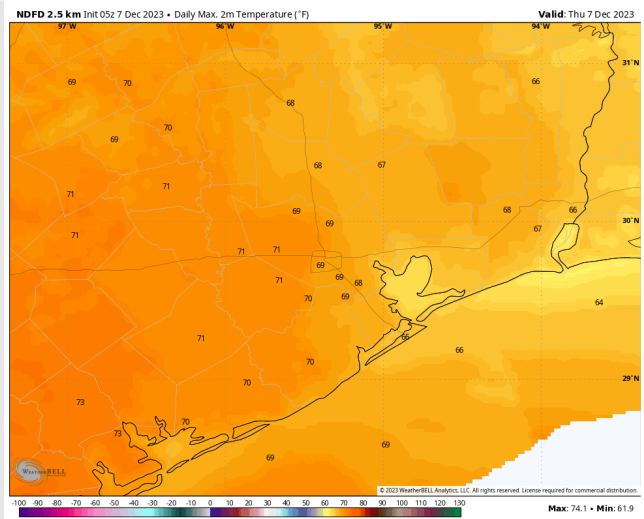
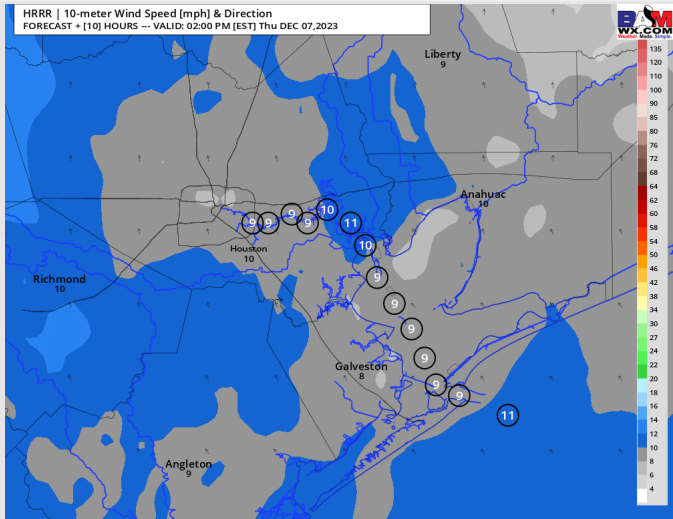
High Temps: **N of Morgan's Point:** Near 70 F **S of Morgan's Point:** Mid 60s F.

Visibility: Patchy fog is present W. of Hou Metro and Galv. Bay and will linger until ~9 AM-CT. Not anticipating impacts to stations.

Precip Image: 6 PM CT



Wind Speed:
1 PM CT



High Temps
Today

Houston Pilots: Fri. 12/08/2023



Forecast Discussion

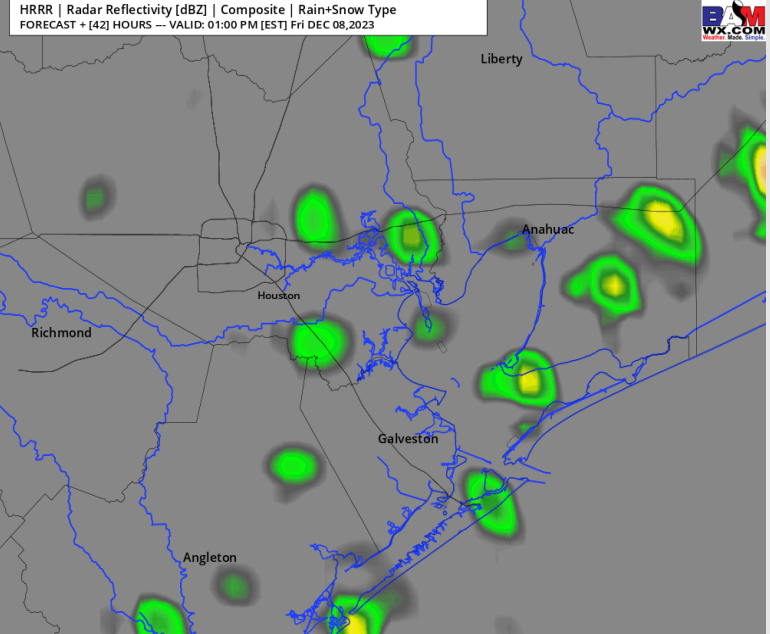
Precip: Favoring mostly dry conditions, with low end risks for drizzle / light showers between 8 AM and 5PM CT.

Wind: Calm and variable winds are expected through the AM hours before increasing during the afternoon / evening as front approaches out of the southeast. **N of Morgan's Point:** Winds to start at 4 - 8. kts, becoming 10 - 14 kts after 2PM. **S of Morgan's Point:** Winds to start at 5 - 9 kts, becoming 12 - 16kts after 12PM. Winds towards the boarding station will reach 13 - 18 kts after 12PM, increasing to 14 - 19 kts by 6PM.

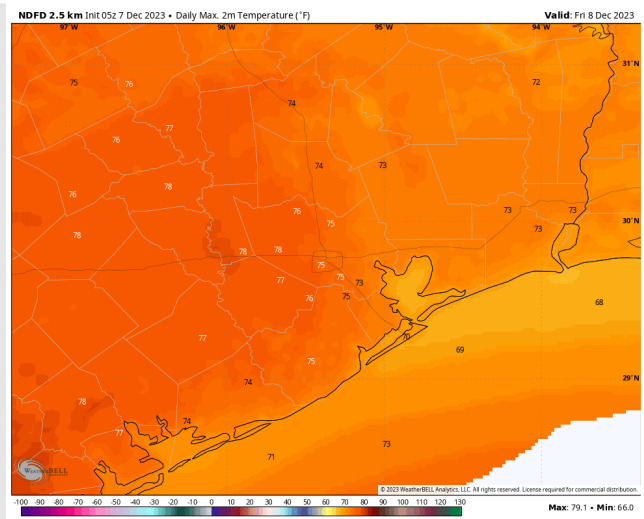
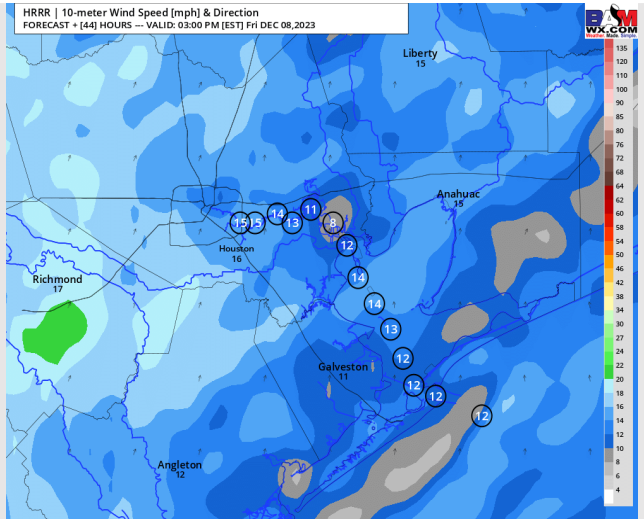
High Temps: **N of Morgan's Point:** Mid 70s F **S of Morgan's Point:** Mid to upper 60s F.

Visibility: Watching for a low end risk of fog development in the bay late Friday PM into Sat. AM associated with the front this weekend. Lower confidence at this time, however based on latest model guidance, would favor this fog to set up closer to Morgan's Point.

Precip Image: 12 PM CT



Wind Speed:
2 PM CT



High Temps
Friday

Houston Pilots: Sat. 12/09/2023



Forecast Discussion

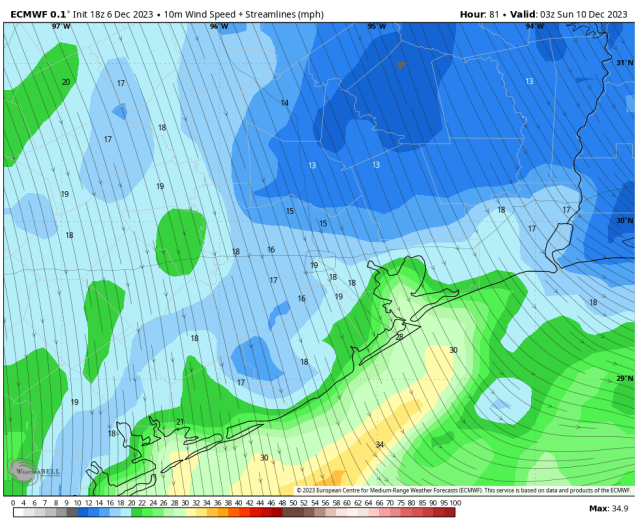
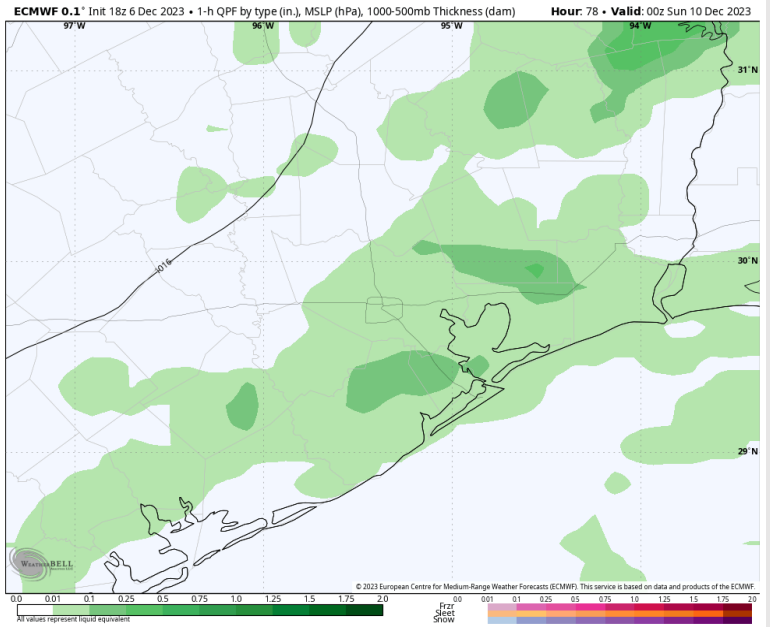
Precip: Hit/miss shower chances (20-30%) will be in play through 7 AM. A dry stint will follow until 12 PM, when more widespread (60-70%) chances move in from the NW and remain for the rest of the day.

Wind: Winds out of the S/WSW through 5 PM, veering out of the NW after this time as the main front arrives. **N of Morgan's Point:** Sustained at 5 – 10 kts prior to 6 PM, then 9 – 14 kts for the remainder of the evening as the front arrives. **S of Morgan's Point:** 10-15 kts through 4 AM, decreasing to 8-13 at this time and remaining at this speed through 7 PM. **After 7 PM, winds steadily increase to 20-25 kts by 12 AM.**

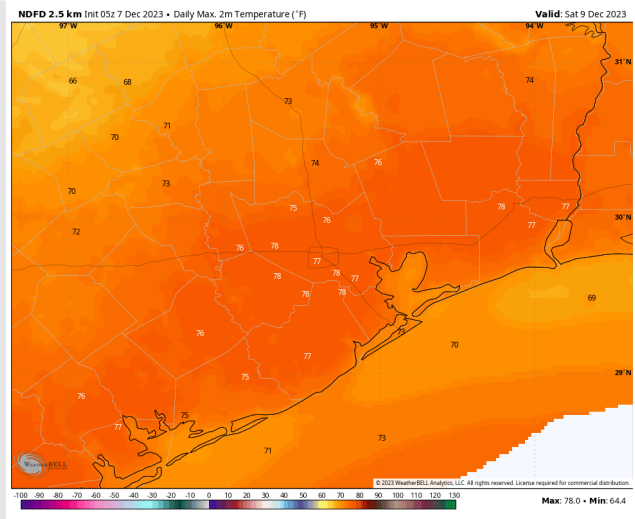
High Temps: **N of Morgan's Point:** Upper 70 F. **S of Morgan's Point:** Low 70s F.

Visibility: Watching the early AM for a potential fog development within the Bay associated with the front.

Precip Image: 6 PM CT

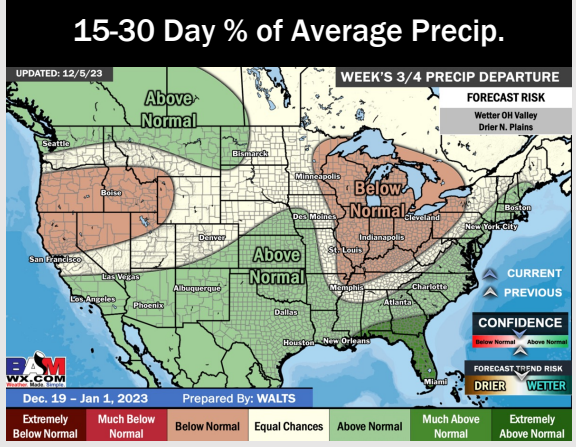
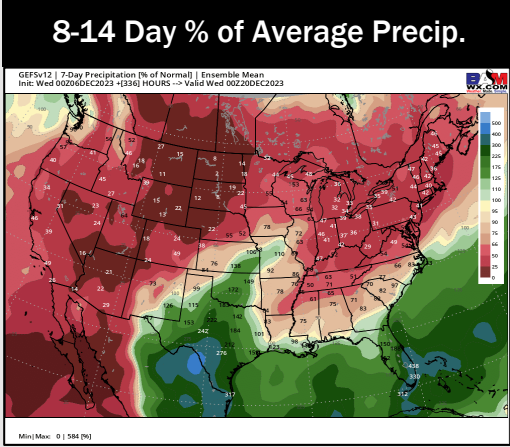
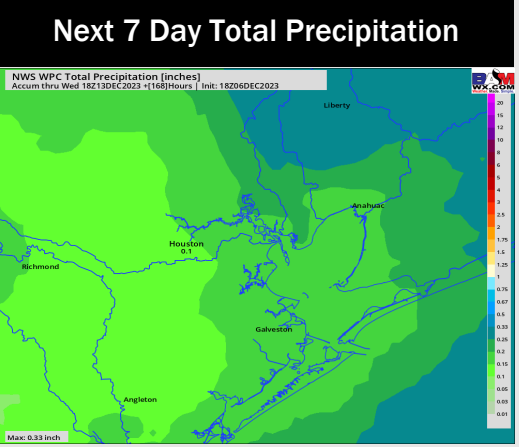
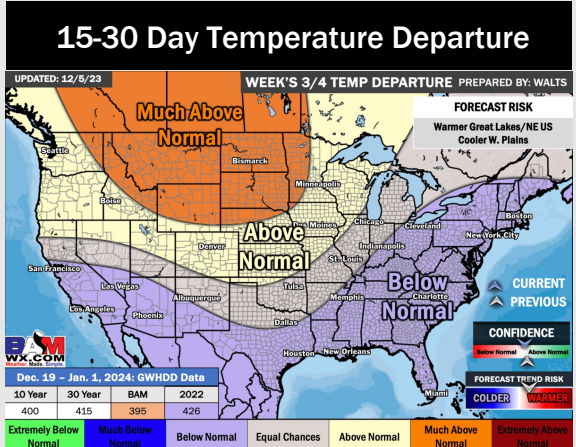
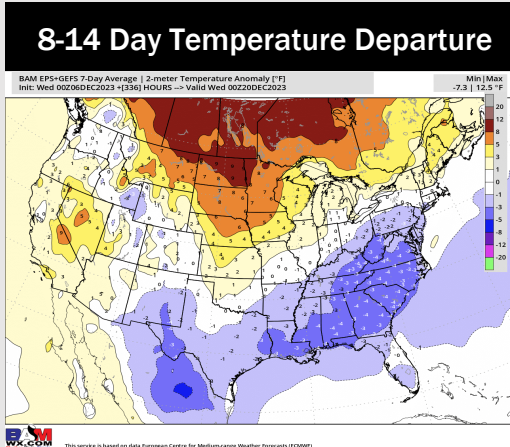
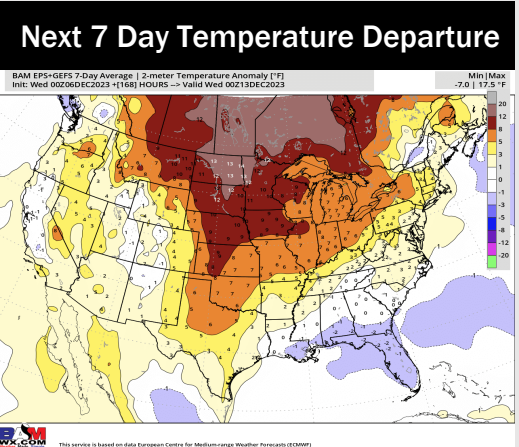


Wind Speed:
9 PM CT



High Temps
Saturday

Houston Pilots: 12/7/23



- Not anticipating much in the way of rain over the week ahead. Next best shot at rain will be on the 9th via a cold front. Warmer than normal weather is expected this week.
- Above normal rainfall and slightly below normal temperatures are expected into the week 2 timeframe.
- Below normal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.