

Houston Pilots Forecast Package

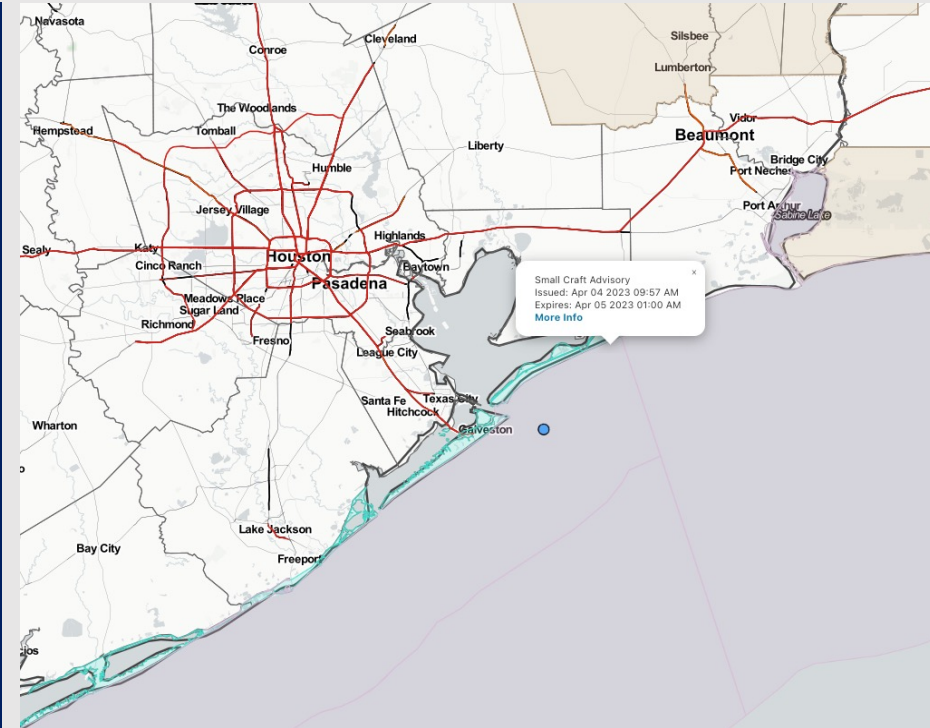


Updated: 2:55 PM CT
Tuesday, April 4, 2023

Forecaster: Will Danby

Weather Headlines

- **Misty conditions will likely persist across 11/12 and the Boarding Station this PM and through Wednesday AM– please check the visibility slide below.**
- **This week will be windier than average with the only “calmer” period looking to come tomorrow. Otherwise, there will be multiple days with sustained winds 13-18+ kts possible, as well as gusts of ~25 kts.**
- **Tomorrow through Saturday holds daily rain chances with higher-than-average confidence. Several inches of rain (3-5”) will be possible by the end of the weekend, with 1 -2 inches possible on Thursday.**



Radar/NWS Alerts: 2:54 PM CT

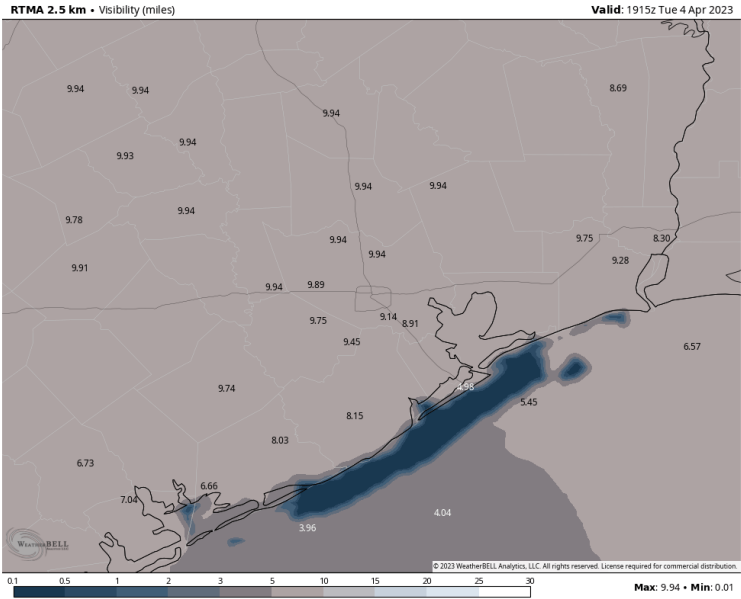


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

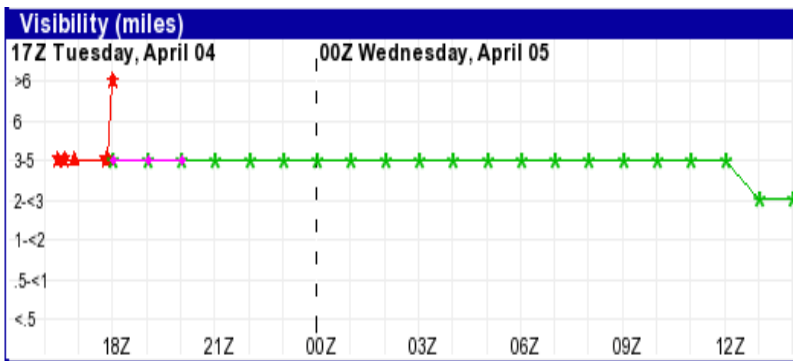
Houston Pilots Visibility Report



CURRENT VISIBILITY

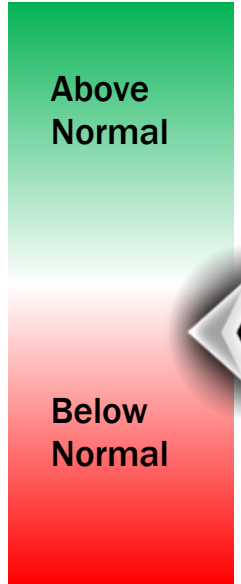


Boarding Station Visibility Forecast



Valid: 2 PM TUE – 7 AM WED

Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT – 11 AM WED	Low - Medium

- Model data is currently struggling with seeing areas of reduced visibility across stations south of 25/26 and as such, lower confidence exists as to when visibilities could improve.
- Current Visibility Map on the left is overdone, but it depicts a likely setup where reduced visibility of 2 – 4 miles will be.
- Part of the issue is stagnant low-level moisture hanging about the area (coming from the SW) ahead of a slowly progressing cold front entering the region around 9 AM Tuesday. As such, it is likely more of a misty setup will continue to keep visibility in the 2- 4-mile range across 11/12 and the Boarding station at least until 11 AM tomorrow where the winds will attempt to shift from the North across 11/12 and the Boarding Station.

Houston Pilots Extended Range Visibility Report



Friday 4/7/23

Fog is not expected Friday.



Saturday 4/8/23

No fog anticipated for Saturday with northerly winds.



Sunday 4/9/23

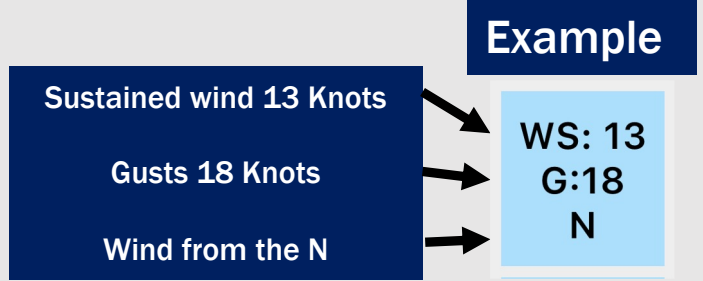
Reduced visibility does not look to be a concern Saturday.



Chance for Reduced Visibility

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

Houston Pilots Wind Report



Time Knots	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	Thu 1am	
610 Bridge	14	15	16	15	14	13	11	11	10	11	11	10	11	11	11	18	18	17	15	11	8	8	8	8	8	9	9	10	11	10	10	10	11	11	11	11	11
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Kinder 1	14	15	16	15	14	12	11	11	10	11	11	10	11	12	11	18	18	17	15	11	9	8	8	8	8	9	9	10	11	10	10	10	10	11	10	11	
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Greens Bayou	14	14	15	15	14	12	11	11	10	11	11	10	11	12	11	18	18	16	15	11	8	8	8	7	8	9	9	10	10	10	10	10	10	10	10	11	
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Shell Crude	14	14	15	15	14	12	11	11	10	11	11	11	11	12	12	17	16	14	11	8	8	8	7	8	9	9	9	10	10	11	10	11	10	10	10	11	
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Lynchburg Ferries	13	14	15	15	14	12	11	11	10	11	11	10	11	12	11	17	16	14	11	8	8	8	8	8	9	9	9	10	10	10	11	10	11	11	10	11	
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Exxon 3	11	13	15	15	13	12	11	11	11	11	11	11	11	12	11	17	16	14	11	9	8	8	7	8	9	9	9	10	10	10	10	11	11	11	11	10	
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Morgans Point	11	12	14	14	13	12	11	10	11	10	11	11	12	12	11	17	16	14	11	9	8	7	8	8	10	10	10	10	10	10	11	12	11	11	11		
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Houston Pilots: Tue. 4/4/2023



Forecast Discussion

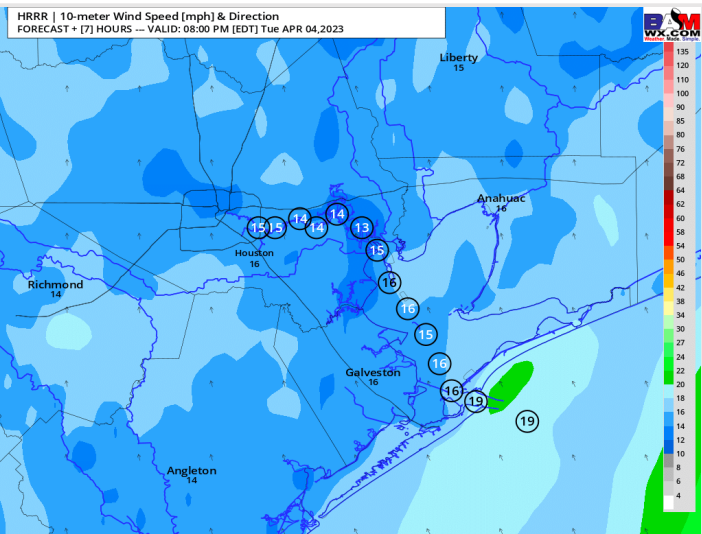
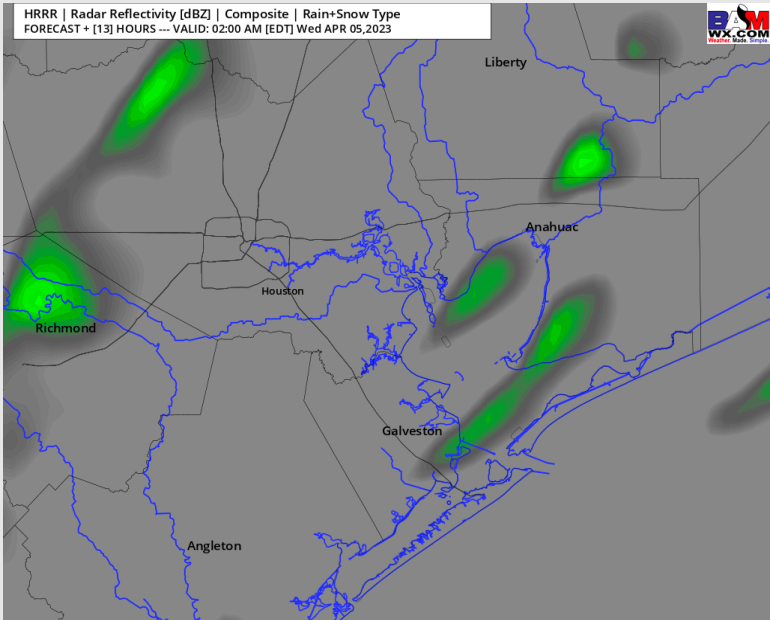
Precip: Misty conditions will likely persist across the Boarding station and 11/12 for this afternoon while stations north will likely remain dry. Scattered showers and drizzle will work in across all stations around 12 AM with a 30% chance of seeing precipitation.

Wind: Sustained winds will continue from the SSE with winds of 13 – 18 kts across all stations. Gusts in the range of 24 – 28 kts will be possible for the evening hours for all stations as well.

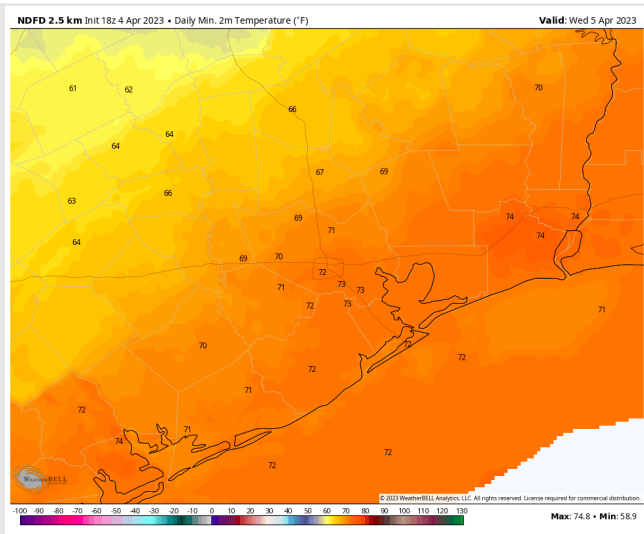
Temps: Low temps Wednesday morning will be in the mid to lower 70s F across all stations.

Visibility: Ranges of 2-5 miles will be possible this evening due to mist rather than fog mainly across 11/12 and the Boarding Station. More details on the visibility slide above.

Precip Forecast: 1 AM CT



Wind Speed
7 PM CT



Low Temps
WED AM

Houston Pilots: Wed. 4/5/2023



Forecast Discussion

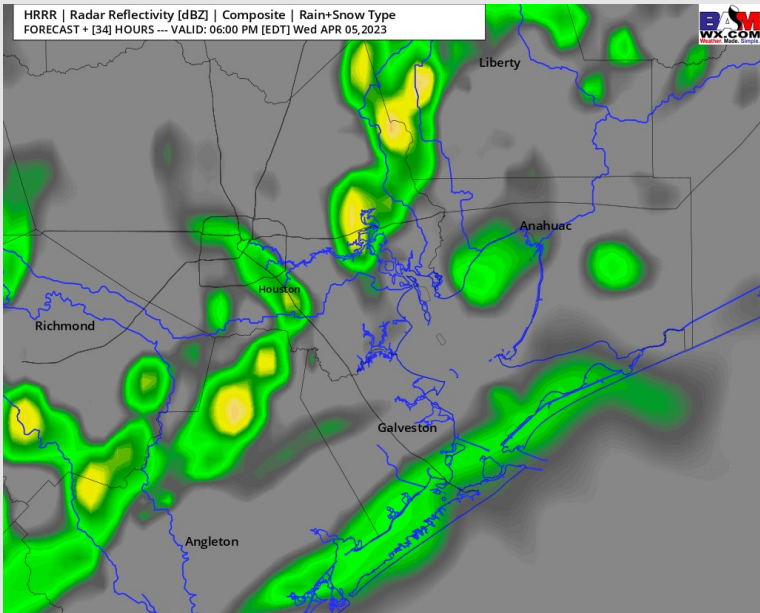
Precip: A line of showers/thunderstorms moves into the area after 10 AM associated with a cold front and stalls over the area for the rest of the PM hours. The best chance to see more substantial precipitation will come after 2 PM with continuous precipitation thereafter.

Wind: Southerly winds shift out of the NE as front moves through the channel by 10 AM. Before noon, winds north of Morgan's Point will be 11 – 16 kts and winds south of Morgan's Point will be at 16 – 21 kts. From 9 AM – 9 PM, winds at all stations will drop to 6 – 11 kts. From 9 to midnight, winds will slightly increase to 9 – 14 kts at all stations.

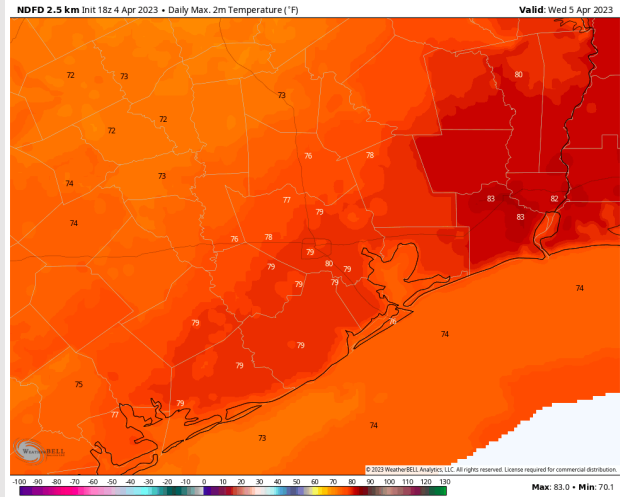
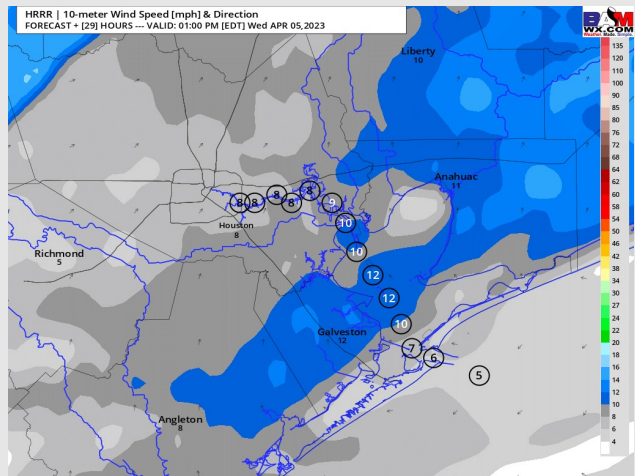
Temps: High temperatures will be in the mid to upper 70s F. Stations north of Morgan's Point may reach 80 F.

Visibility: Patchy fog is not currently favored, but also cannot be fully taken off the table out ahead of the front Wednesday AM. Winds will be a limiting factor.

Precip Forecast: 5 PM CT



Wind Speed
1 PM CT



High Temps
Wednesday

Forecast Discussion

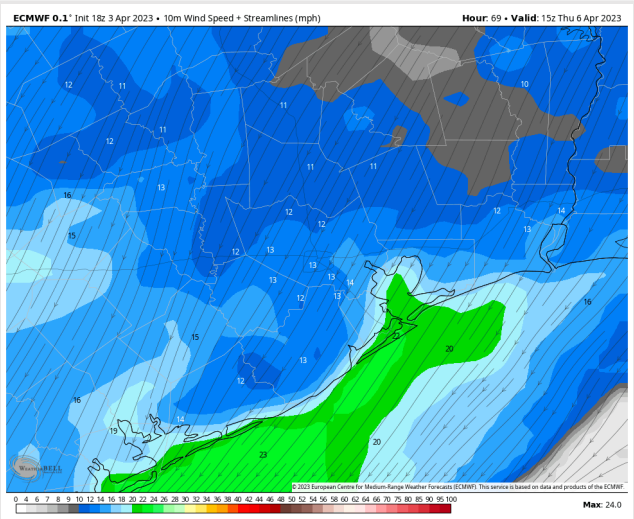
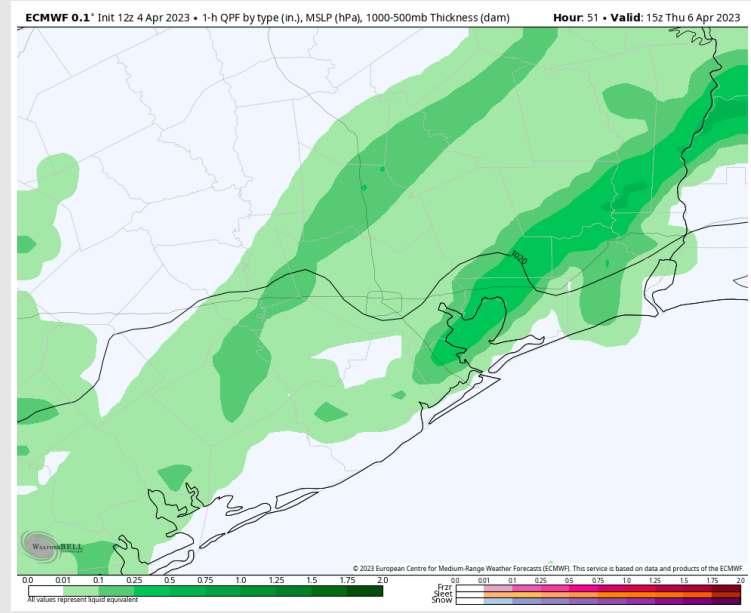
Precip: A stalled out front will continue to bring moderate to heavy rain throughout the day. Towards 4 – 5 PM rainfall could lighten up a bit as the front will drift to the north, but it is likely rain will not come to a complete stop. 1 – 2 inches of rain will be likely on Thursday and locally higher amounts of up to 3 inches cannot be ruled out.

Wind: Northerly winds during the early AM hours will slowly veer from the NE towards 7 AM. Winds north of Morgan’s Point will stay within 10 -15 kts and south of Moran’s Point will be 15 – 19 kts. Towards 8 PM winds will increase more south of 51/52 to 16 – 22 kts. **Wind gusts of 23 – 28 kts will be possible south of Moran’s Point after 4 PM.**

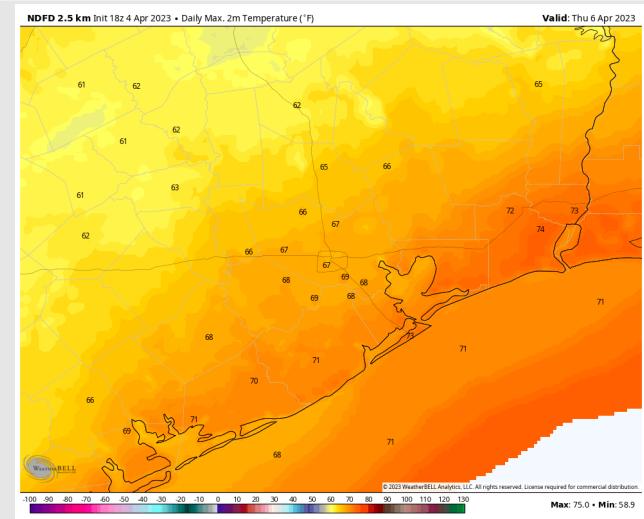
Temps: Much cooler for Thursday with temps in the upper 60s F to lower 70s F across all Stations.

Visibility: **Reduced visibilities will be possible via heavy rain to as low as 2 miles, but fog concerns will not be an issue.**

Precip Forecast: 10 AM CT

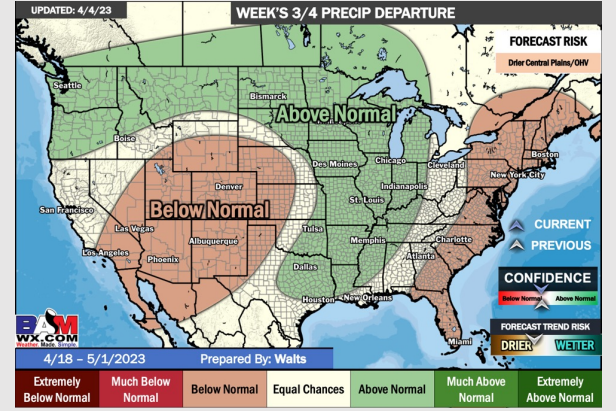
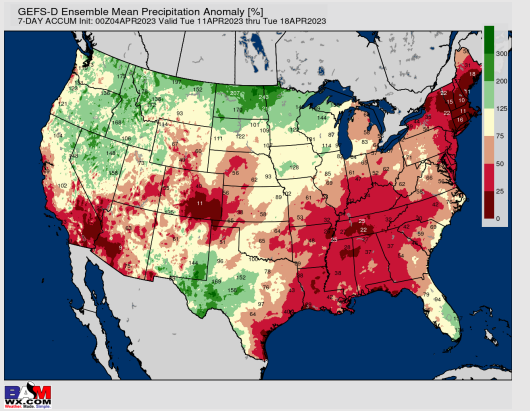
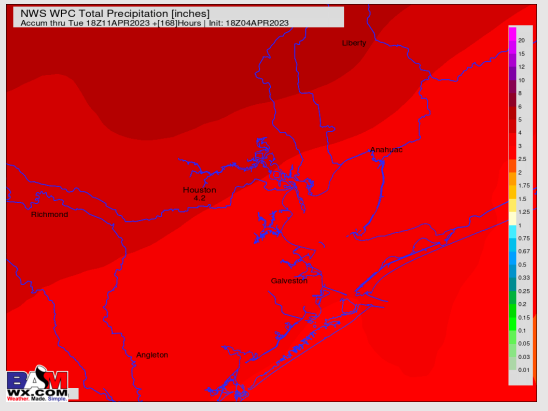
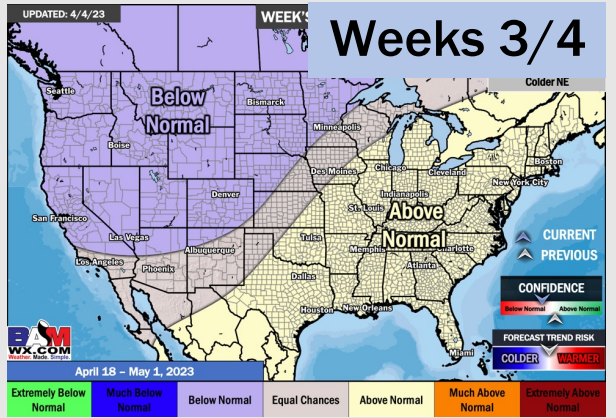
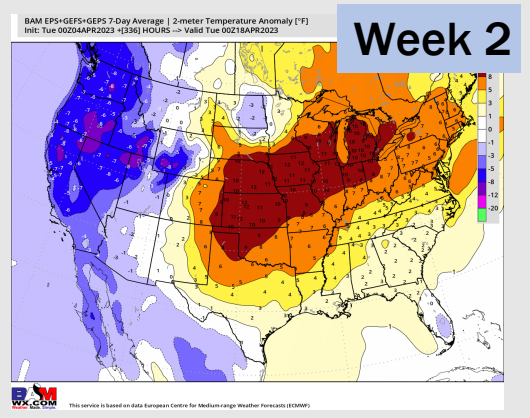
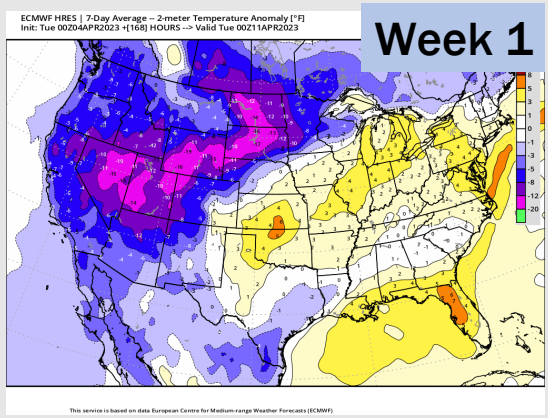


Wind Speed
10 AM CT



High Temps
Thursday

Houston Pilots: 4/4/23



- Expecting the next few days to be rather active in terms of precip as 3-5" of rain will be possible. A stalled-out front over the coast of Texas will be the culprit to heavy rain. The front looks to leave the area towards Saturday afternoon. Temperatures are expected to be near normal over the next seven days.
- Expecting below normal precipitation chances and slightly above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and slightly above normal chances for precipitation favored in the week 3/4 timeframe.