

Houston Pilots Forecast Package



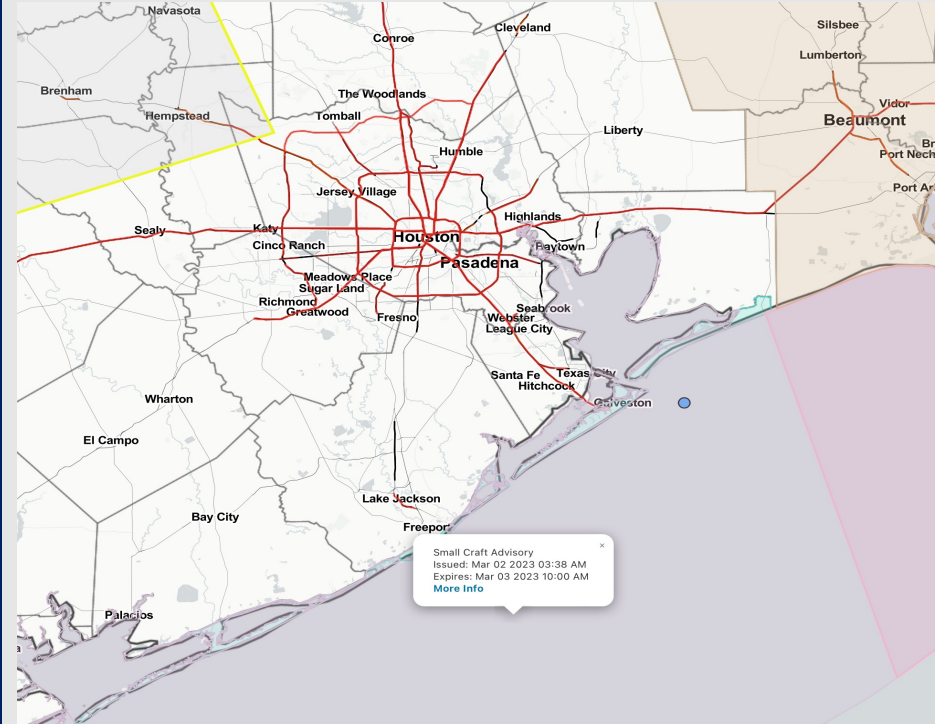
Updated: 5:00 AM CT

Thursday, March 2, 2023

Forecaster: Alyssa McClung

Weather Headlines

- Patchy fog will continue to be possible through 12PM-CT, with greatest risk for locations south of Morgan's Point
- Highest risk of seeing waves at/just above 6 - 8+ feet comes late this afternoon through daybreak Friday as a result of strong southerly winds.
- Anticipating particularly strong sustained winds in the 15 - 20 kt range with gusts of up to 30 kts possible for Today. As the cold front arrives late this evening into early Friday morning, gusts could be as high as ~40 kts.
- Strong prolonged winds out of the NW after cold front passes will encourage low waters in Galv. Bay tomorrow.



Radar/NWS Alerts: 5:00 AM CT

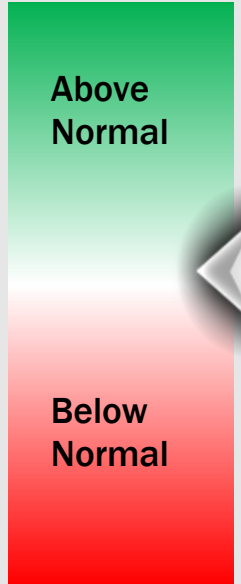
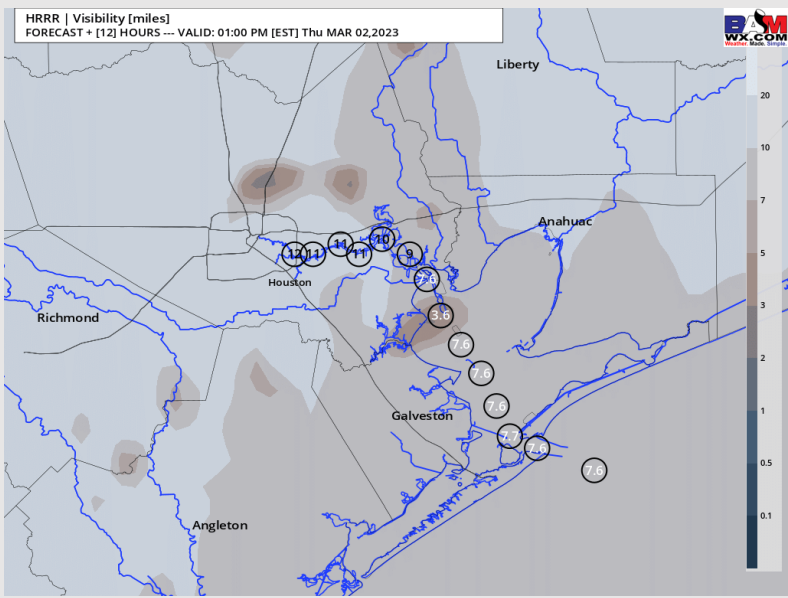
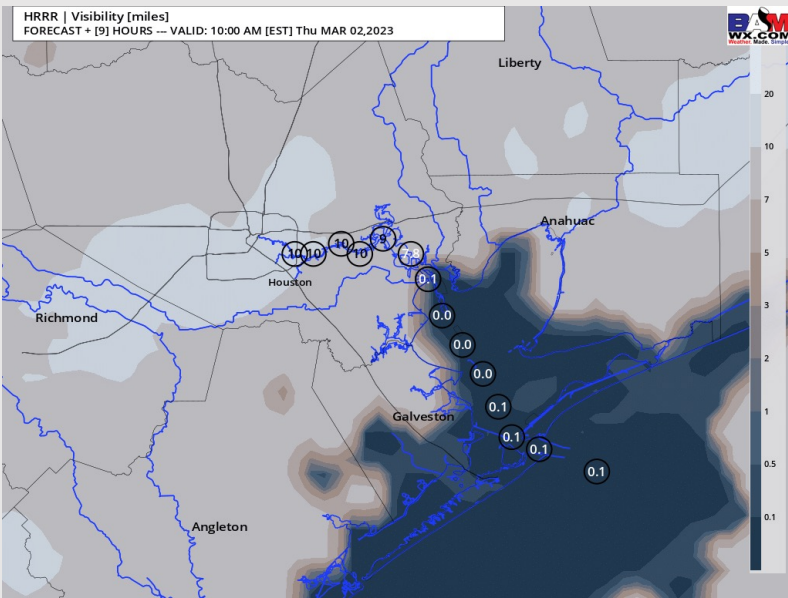


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



9 AM CT THU VISIBILITY 12 PM CT THU VISIBILITY Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 12 PM THU	Low - Med

- Patchy Fog, with visibilities of 3-5 miles will continue to be possible for locations south of Morgan's Point through 12 PM-CT today. Brief periods of visibility reduced to 2 miles or less cannot be ruled out, especially for the Boarding Station.
- Overall, fog risk is generally low due to the direction of winds in their relation to Gulf temperatures. Although visibilities will be slightly reduced this morning, not anticipating a widespread dense fog event.
- Expecting this fog threat to gradually improve after 10 AM-CT with conditions cleared up by 12 PM-CT. Anticipating strong front to work through the area around 12 AM-CT Friday ending fog threat; confidence is lower low risk, patchy fog development out ahead of the front late this evening.

Houston Pilots Extended Range Visibility Report



Sunday 3/5/23

Easterly winds will be possible on Sunday and could veer more from the SE during the PM hours. Late Sunday night into Monday AM would be a risk to watch.



Monday 3/6/23

SE winds will be possible Monday AM, allowing sea fog development to be possible.



Tuesday 3/7/23

While stronger winds will be possible, S-SE Winds appear possible all day, with sea fog development to remain possible. Greater uncertainty remains on exact timing.



Chance for Reduced Visibility

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

Houston Pilots Wind Report



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	4	4	5	4	7	9	11	12	12	12	10	9	10	10	8	19	21	26	26	26	26	25	22	20	20	19	18	20	20	20	17	15	12	11	10	10	
	11	12	14	13	15	15	17	18	18	19	18	19	21	22	21	29	32	39	39	39	39	38	33	30	28	28	30	30	25	22	18	17	14	13			
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	S	S	S	S	SSW	W	WNW	W	W	W	W	W	W	WNW	WNW	NW	NW	NW	NW	NW			
Kinder 1	4	4	5	4	7	9	11	12	12	11	10	9	9	10	8	19	21	26	26	26	26	25	22	20	20	19	18	19	19	20	16	14	12	11	10	10	
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	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	S	S	S	S	SSW	W	WNW	W	W	W	W	W	W	WNW	WNW	NW	NW	NW	NW	NW			
Greens Bayou	4	5	5	5	7	9	11	11	12	12	11	10	10	10	8	19	21	25	26	26	26	24	22	19	20	19	18	19	19	20	16	14	12	11	10	10	
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Shell Crude	4	5	5	5	7	9	11	11	12	12	11	10	10	10	9	19	21	25	25	25	25	24	22	19	19	18	17	18	18	19	16	14	12	12	11	10	10
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Lynchburg Ferries	4	5	5	5	7	9	11	11	11	12	12	11	11	11	9	19	21	24	24	24	24	23	21	19	19	18	17	17	18	19	16	14	13	12	11	10	10
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Exxon 3	5	5	5	6	7	9	10	11	11	12	12	12	11	12	10	18	21	23	24	24	24	22	21	18	19	18	17	17	17	19	15	14	13	12	11	10	10
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Houston Pilots: Thu. 3/2/2023



Forecast Discussion

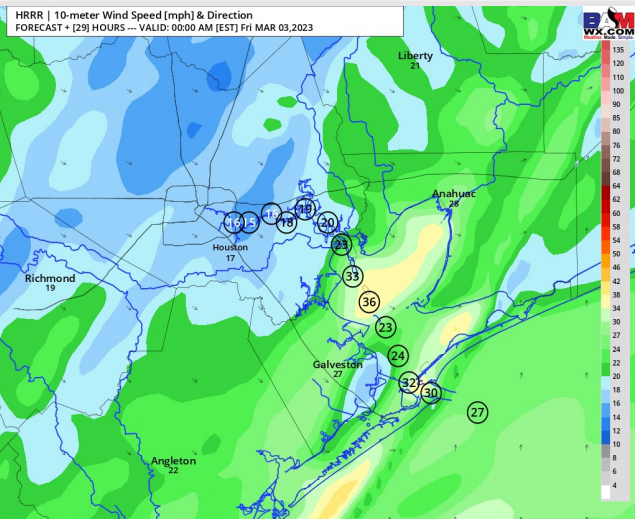
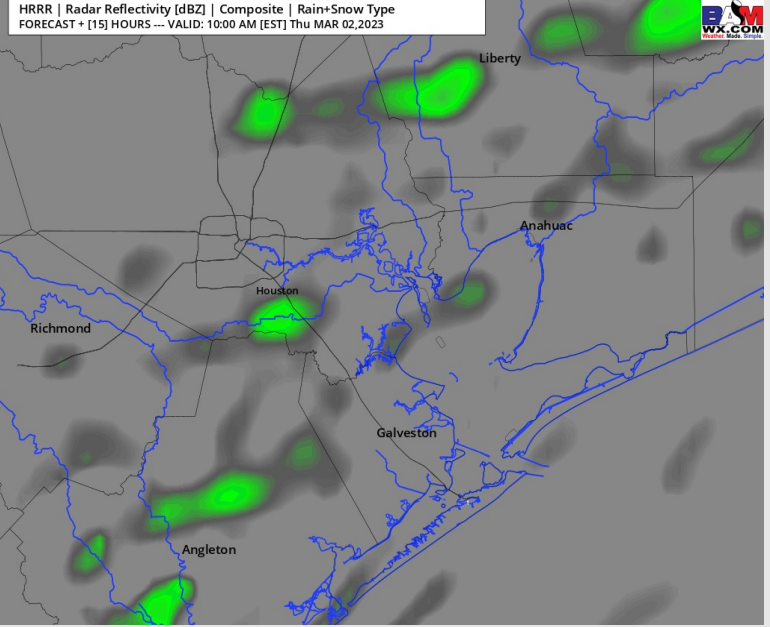
Precip: Favoring 30 – 40% scattered light showers throughout the day today with a few moderate pulses possible. A line of moderate showers will likely move through nearing midnight as cold front passes.

Wind: Sustained winds will remain from the SE during the AM hours and will then veer slowly to the S ahead of the cold front between 7 to 9 PM. Winds will then flip from the NW by Midnight. Winds will start out during the AM hours at 8 – 14 kts across all stations, increasing to 15 – 20 kts by 12 PM. From 6 PM – 9 PM, winds south of 25/26 will increase even more to 23 – 28 kts. **Wind gusts after 12 PM across all stations will range from 25 – 33 kts. As the cold front presses through, gusts of 35-40 kts will be possible across all stations from 10 PM – into early Friday morning.**

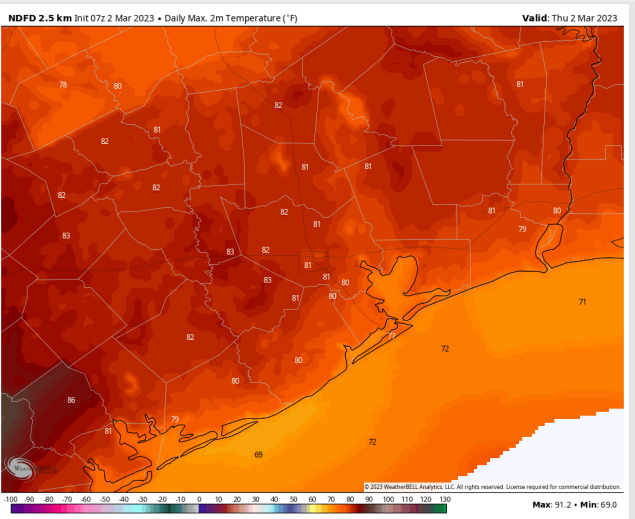
Temps: High temperatures Thursday will be near 80 F north of Morgan’s Point and in the mid to lower 70s F south of Morgan’s Point.

Visibility: Reduced visibilities via sea fog will be possible during the AM and early afternoon hours. While risk will remain low, please see above visibility slide for additional details.

Precip Forecast: 9 AM CT



**Wind Speed
11 PM CT**



**High Temps
Today**

Houston Pilots: Fri. 3/3/2023

Forecast Discussion

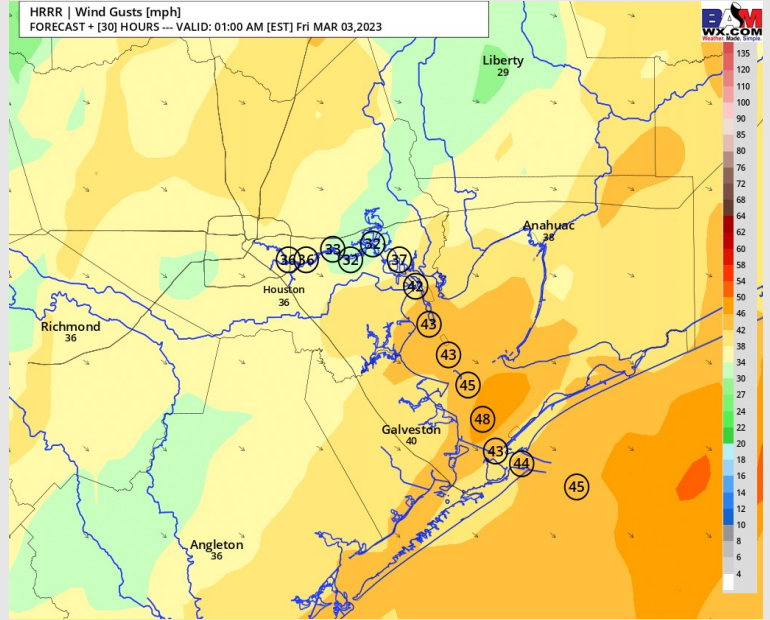
Precip: After the strong cold front pushes through the area by 2 AM, anticipating dry conditions for the rest of the day.

Wind: Sustained winds out of the W - NW all day. Winds will start out at 12 - 18 kts for all stations until 12 PM. Winds will gradually decrease across all stations to 4 - 10 kts by 5 PM and stay that way through the rest of the evening. **Wind gusts of 35 - 40 kts will only last until 2 AM for the stations near the Boarding Station.**

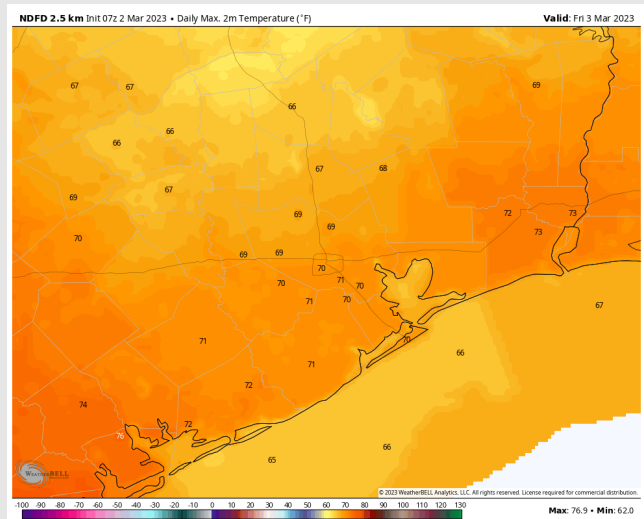
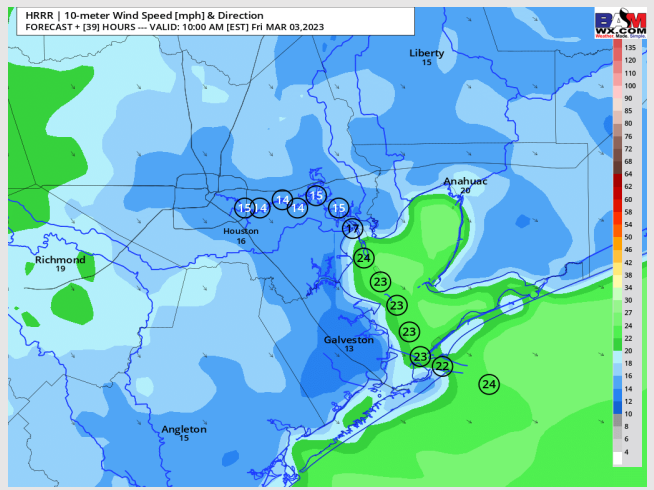
Temps: High temperatures Friday will be in the mid to upper 60s F for stations near the Boarding Station and mid to low 70s F for all other stations.

Visibility: Not anticipating visibility impacts at this time.

Wind Gusts: 12 AM CT



Wind Speed
9 AM CT



High Temps
Friday

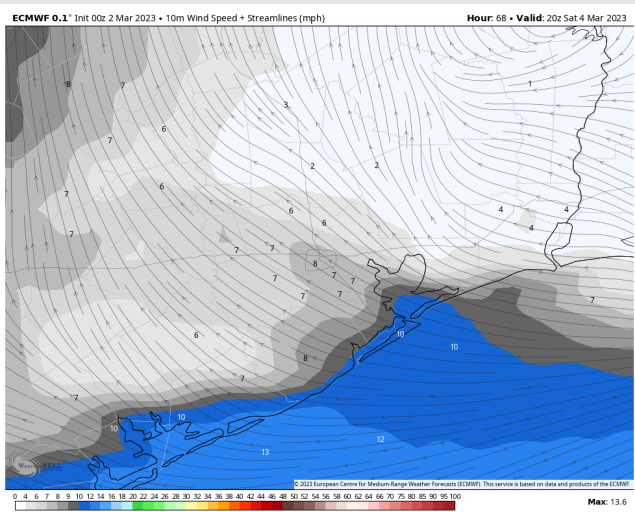
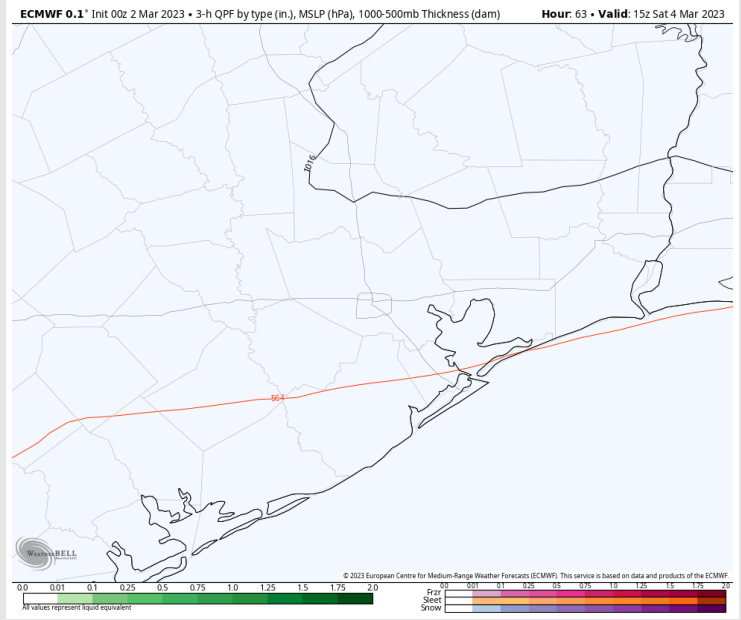
Houston Pilots: sat. 3/4/2023



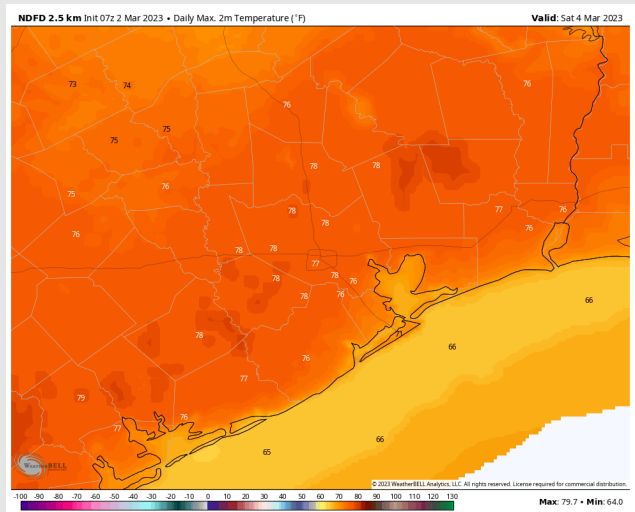
Forecast Discussion

- Precip:** Favoring dry conditions throughout Saturday.
- Wind:** Sustained winds of 3-5 kts for locations N of Morgan's point throughout the entirety of Saturday, with winds of 8-12 kts for locations S of Morgan's point through the Boarding Station. For all locations, will remain out of the NE – ENE through 1PM, before veering out of the E-ESE through the remainder of the afternoon into evening.
- Temps:** High temperatures in the mid 70's favored for all locations for Saturday.
- Visibility:** Despite winds out of the ESE, not favoring any visibility concerns currently.

Precip Forecast: 10 AM CT

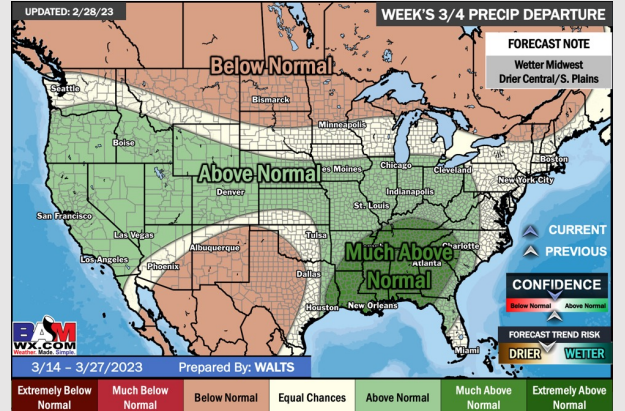
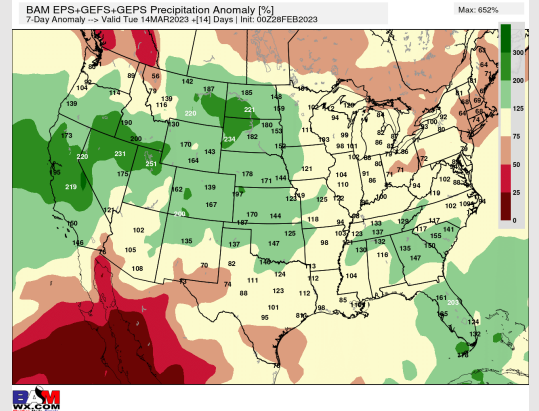
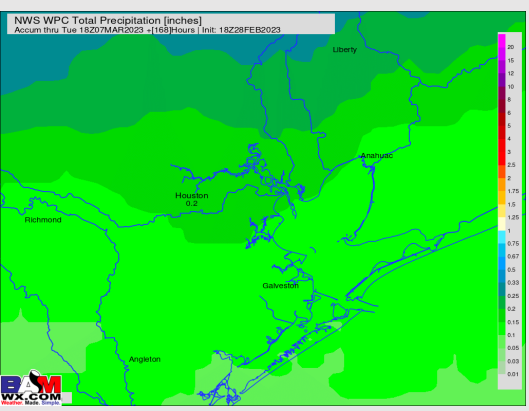
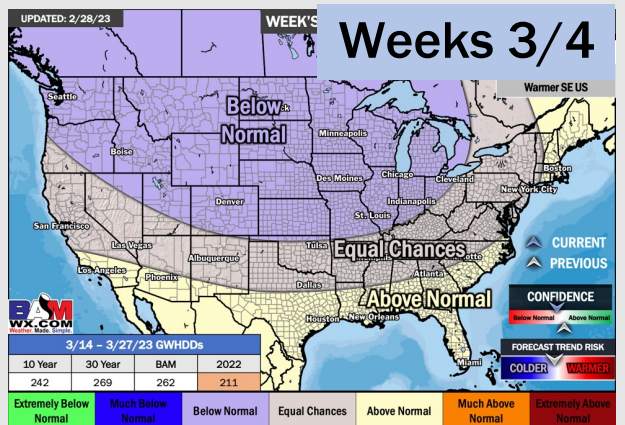
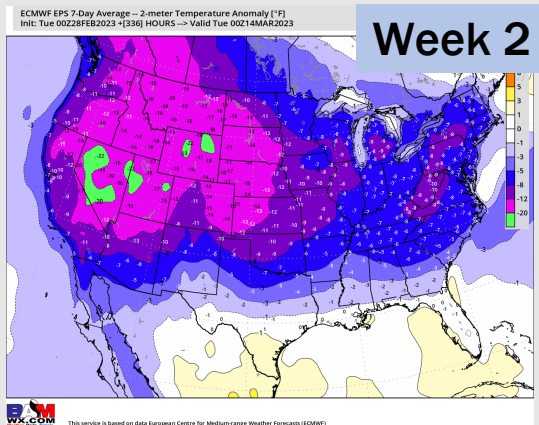
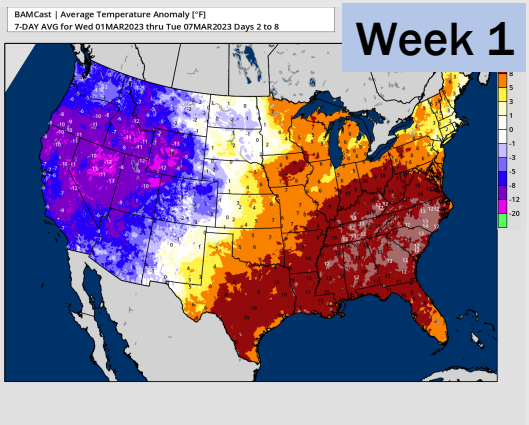


Wind Speed
3 PM CT



High Temps
Saturday

Houston Pilots: 3/2/23



- Isolated / low end shower chances will be possible the next several days with a front stalled/hanging around the area. Best chances for precip will come late tonight / early Friday AM pending the timing of a cold front. Temperatures are expected to be well above average over the next seven days.
- Expecting near normal precipitation chances and near normal temperatures extending into the week 2 timeframe.
- Anticipating slight above normal chances for precipitation and above normal temperatures favored in the week 3/4 timeframe.