

Houston Pilots Forecast Package



Updated: 2:40 PM CT

Monday, March 27, 2023

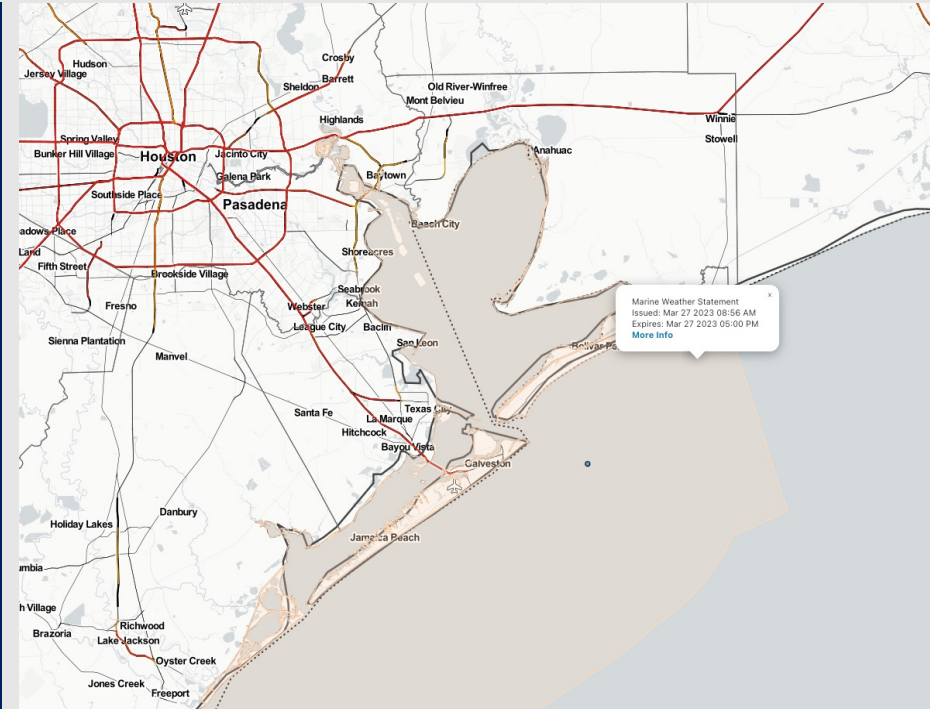
Forecaster: Will Danby

Weather Headlines

➤ A medium-high fog risk will continue this evening and into the mid morning hours tomorrow. Please see the visibility report slide for more details.

➤ A couple of strong storms will be possible tonight from 2 -7 AM. Thereafter, light moisture and drizzle chances will be possible TUE-WED.

➤ Favoring calmer winds today before winds become more elevated getting into Tuesday and Wednesday (15 – 20-kt range possible)



Radar/NWS Alerts: 2:36 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.

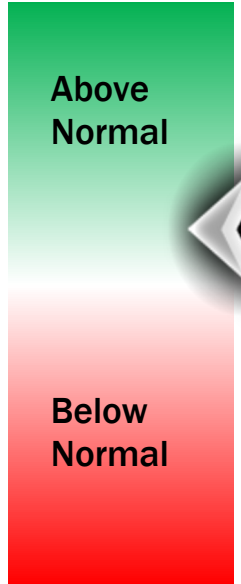
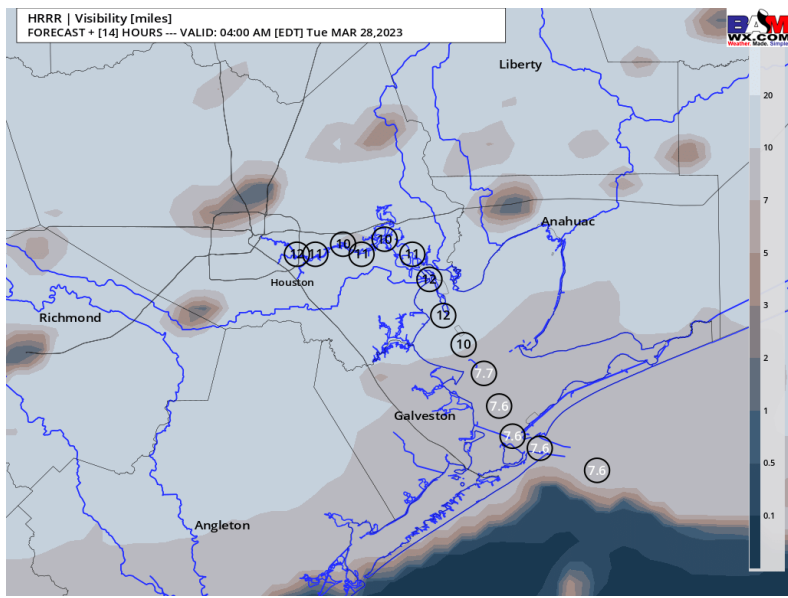
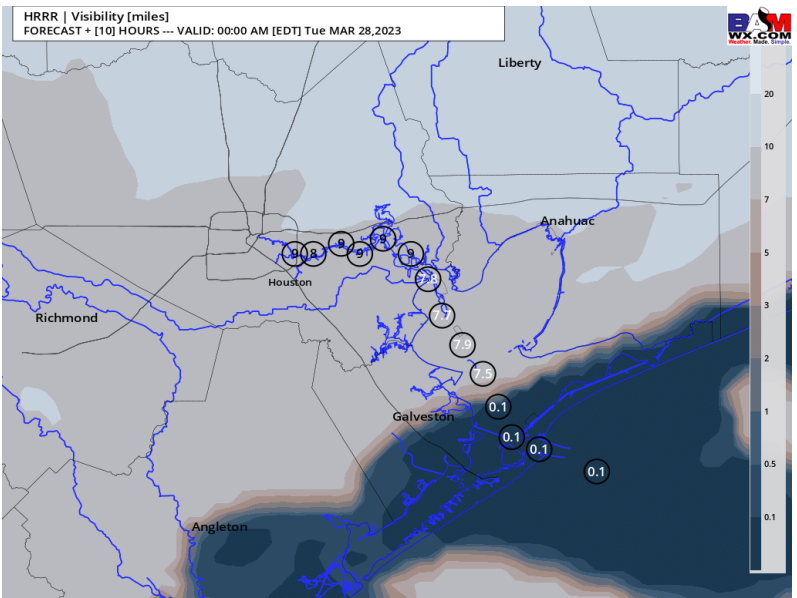
Houston Pilots Visibility Report



11 PM CT MON VISIBILITY

3 AM CT TUE VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
7 PM MON - 5 AM TUE	Med-High

- Another round of fog is anticipated tonight across all stations. However, it is likely to be patchy in nature from Stations 63/64 and points north. Fog is anticipated to be on the uptick from 7 PM tonight through 11 PM tonight from south to north.
- The Boarding Station will remain at risk for maintaining visibilities of less than two miles prior to 7 PM.
- From 12 AM - 4 AM, the threat for sea fog will start to let up for stations 63/64 and points north as a cold front starts to move across the area. However, sea fog will still be ongoing for stations south of 63/64 (letting off from north to south).
- From 4 - 5 AM, fog should start to let off at the boarding station as the cold front ushers in drier air in its wake. Some mixing of the air with thunderstorms could help to break dense fog a little bit sooner before the front pushes through as well.
- Current anticipation is that dense fog does develop with this threat tonight as the overall set up would be favorable.
- Given this and data support, confidence is slightly above normal for sea fog to form. Speed of cold front (quicker vs slower) could alter the timing of how quickly/ slowly fog threat wanes into tomorrow morning.

Houston Pilots Extended Range Visibility Report



Thursday 3/30/23

SE winds at least suggest the potential is there for sea fog. However, moisture looks a bit lacking towards the surfaces which a limiting factor. Slightly better threat THU night into FRI AM.



Friday 3/31/23

Winds out of the SE for most of the day along with low level moisture available there is a very low end risk for fog development.



Saturday 4/1/23

The threat for sea fog is once again possible into SAT AM with continued onshore flow.



Chance for Reduced Visibility

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

Houston Pilots Wind Report



Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am
610 Bridge	4	5	4	5	7	7	6	4	3	2	3	6	7	7	4	6	7	8	10	11	11	13	14	15	16	16	15	15	14	13	12	11	11	10	9	
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Kinder 1	4	5	4	6	7	7	6	4	3	2	3	5	6	7	5	6	7	8	10	11	11	13	14	15	16	15	15	14	13	12	11	11	10	9		
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Greens Bayou	5	5	4	5	6	6	5	4	3	3	3	5	6	7	7	6	7	8	9	10	11	13	14	15	15	15	15	14	13	12	11	11	10	8		
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Shell Crude	5	4	4	6	6	7	6	4	3	2	2	4	6	7	7	6	7	8	9	10	11	13	14	15	15	15	15	14	13	12	11	11	10	10	8	
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Lynchburg Ferries	5	3	4	6	6	6	5	3	2	3	4	5	6	6	7	7	7	9	10	10	11	13	14	15	15	15	15	15	15	13	12	11	11	10	10	8
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Exxon 3	4	3	6	7	6	6	5	3	2	3	3	4	4	6	7	7	7	9	10	10	11	13	14	15	15	15	15	15	13	12	11	11	10	10	8	
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Morgans Point	4	3	7	7	7	7	5	4	3	3	2	2	3	5	7	7	8	10	11	12	13	14	15	16	16	15	16	15	16	14	13	12	12	11	11	10
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1 & 2 Bravo	8	8	7	7	7	8	8	8	8	7	7	6	7	9	10	7	8	9	13	16	18	19	19	20	19	19	18	17	16	16	16	17	17	17	16	
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Houston Pilots: Mon. 3/27/2023



Forecast Discussion

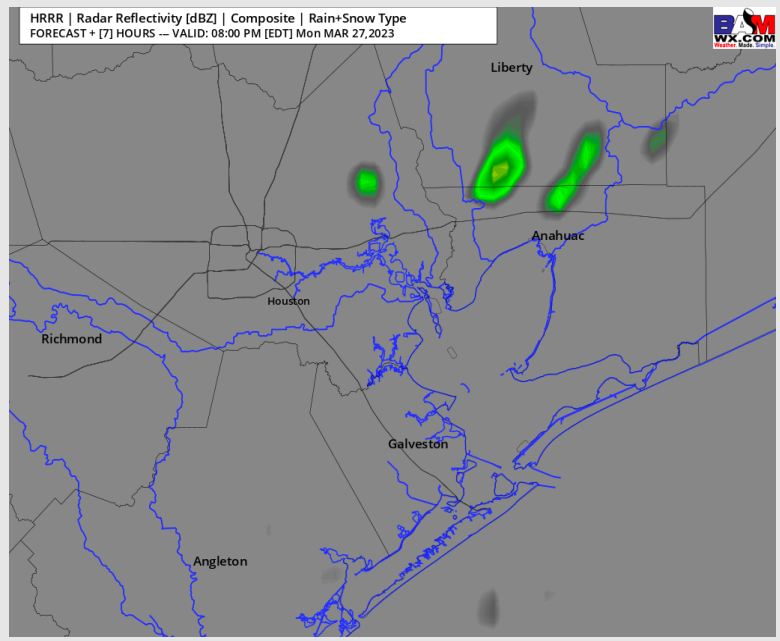
Precip: Scattered showers will be about the area during the afternoon ~8 PM. A stray rumble of thunder cannot be ruled out leading up until 8 PM. Favoring 8 PM – 2 AM to be the best brief dry stretch before more thunderstorm chances roll in towards 4 AM. (More info on next slide)

Wind: Winds will be variable in direction this afternoon with favorability from the ESE. Winds across all stations will range from 3 – 8 kts. The Boarding Station will be slightly higher at 6 – 10 kts. A couple of gusts may reach 18 kts mainly north of Morgan’s Point in the late evening.

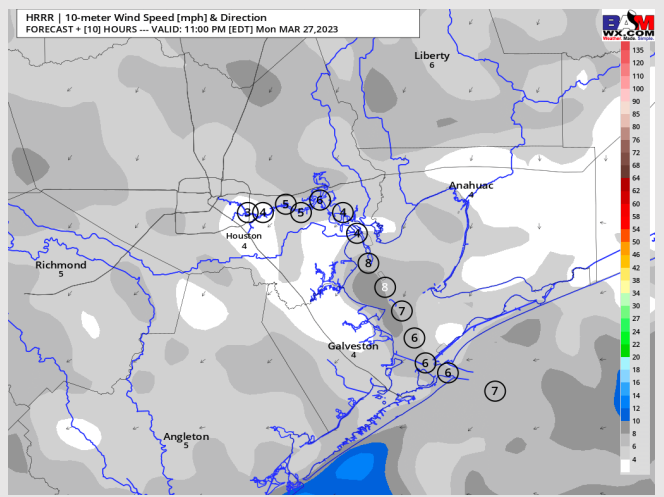
Temps: Low temperatures Tuesday AM will be in the mid 60’s F across all stations.

Visibility: Fog risk will continue throughout the afternoon and AM hours Tuesday. See the visibility report slide for more details.

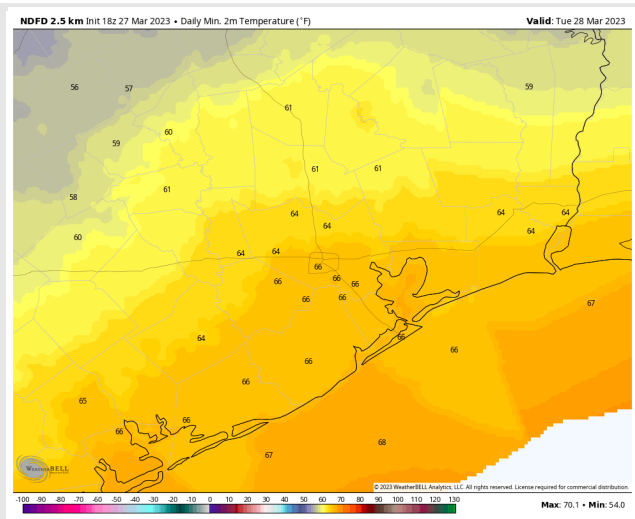
Precip Forecast: 7 PM CT



Wind Speed 10 PM CT



Low Temps TUE AM



Forecast Discussion

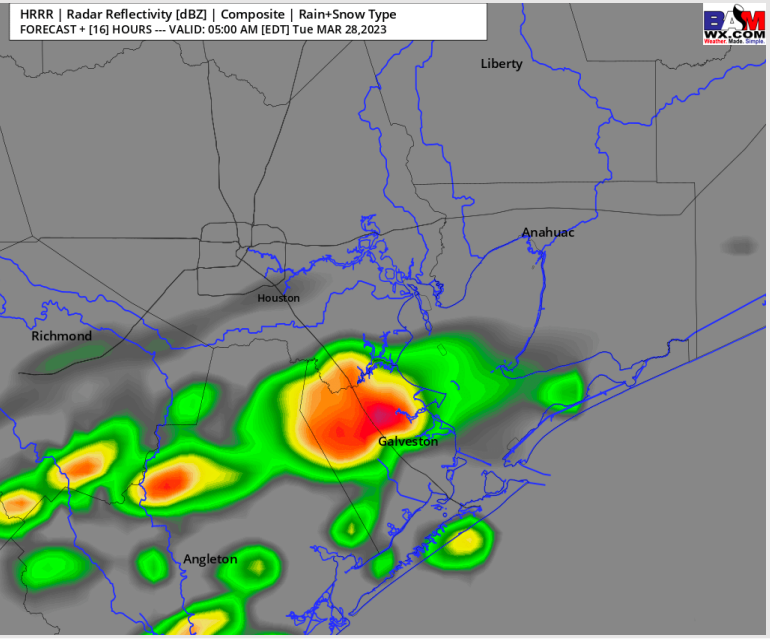
Precip: Chances for storms will be on the increase after midnight tonight. Greatest threat time will be in 2 AM – 7 AM. A few of these storms could be strong to severe in nature (lower end risk) with hail/ strong wind gusts being the primary risks. A few showers may linger through about 9 – 10 AM with dry conditions thereafter.

Wind: Near calm and variable winds will be increasing around 6 AM to 9 – 14 kts across all stations from the NNE. Winds at the Boarding Station will become more elevated around 9 AM at 15 – 20 kts. Towards 7 PM winds will begin to subside north of Morgan’s Point to 5 – 9 kts but will remain elevated South of Morgan’s Point at 10 – 15 kts. **Wind gusts will range from 21- 26 kts after 8 AM with the arrival of the cold front and will last until ~5 PM.**

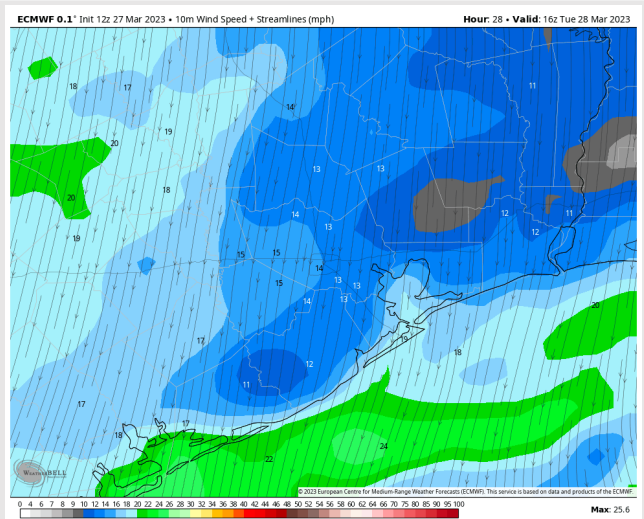
Temps: Favoring high temps Tuesday to be in the low to near 70s F for stations S of Morgan’s Point with all other stations seeing temperatures in the mid to upper 70s F.

Visibility: Fog will be possible into TUE AM. More info on slide 3.

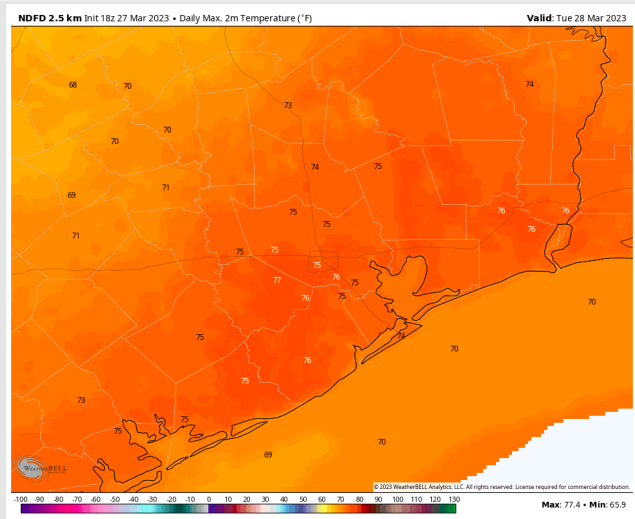
Precip Forecast: 4 AM CT



Wind Speed
10 AM CT



High Temps
Tuesday



Houston Pilots: Wed. 3/29/2023

Forecast Discussion

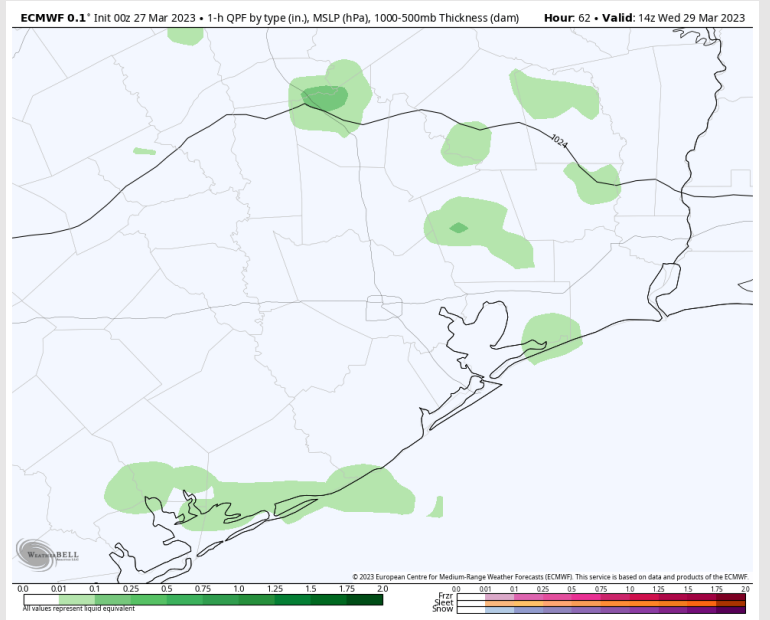
Precip: Favoring a 20% chance for scattered showers throughout the morning Wednesday. Favoring after 3 – 5 PM for shower chances to taper off leaving the rest of the evening dry.

Wind: Anticipating sustained winds out of the NE throughout most of the day at 8 – 13 kts N of Morgan’s Point and 15 – 20 kts S of Morgan’s Point. Winds will shift out of the SE getting later into the evening Wednesday. Gusts up to 25 kts will be possible especially near the Boarding Station.

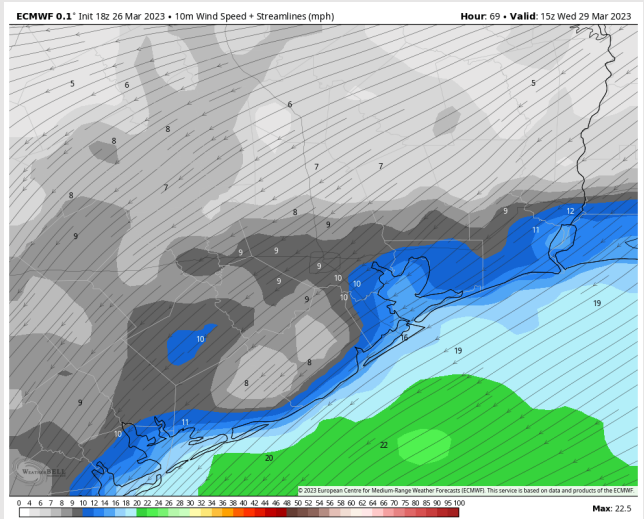
Temps: High temperatures Wednesday in the upper 60s F and low 70s F for all stations.

Visibility: No fog is favored at this time as lower levels of the atmosphere will be rather dry.

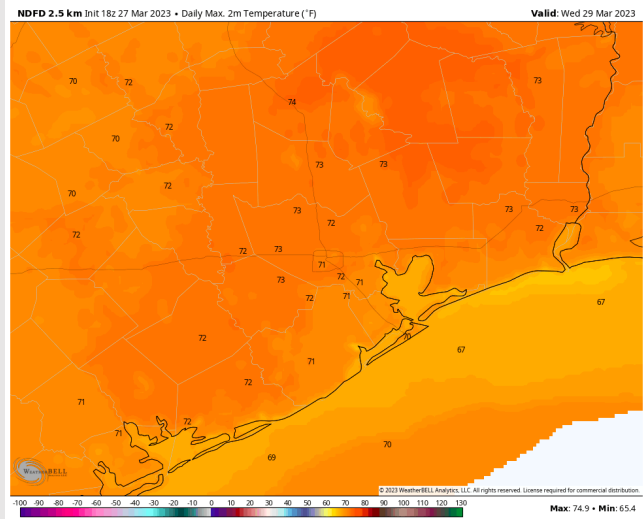
Precip Forecast: 9 AM CT



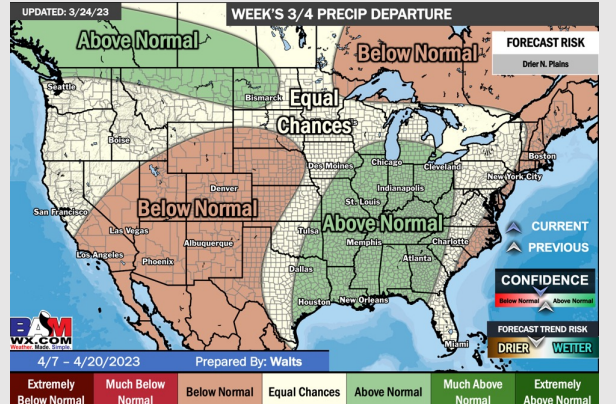
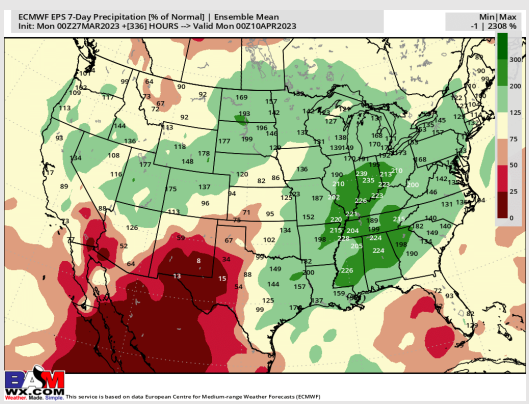
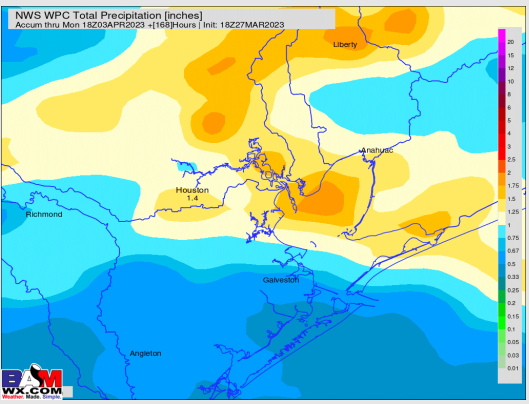
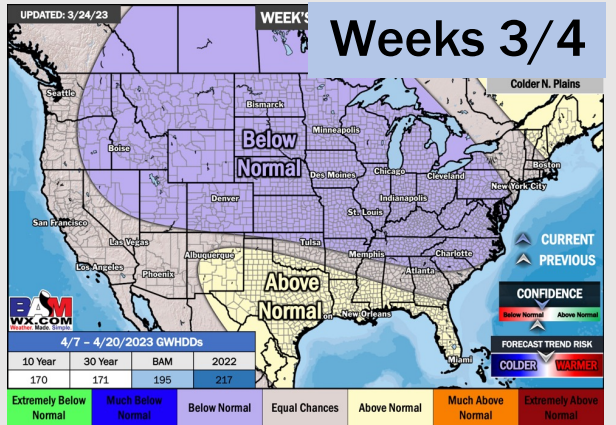
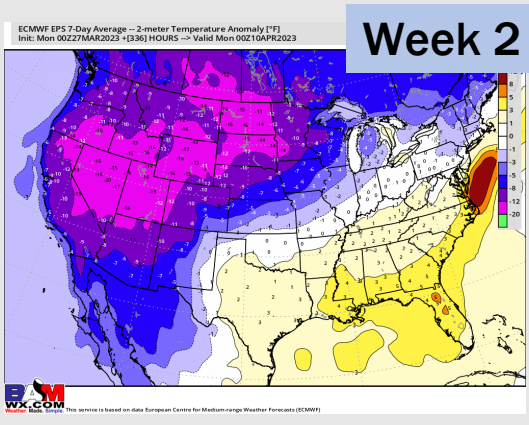
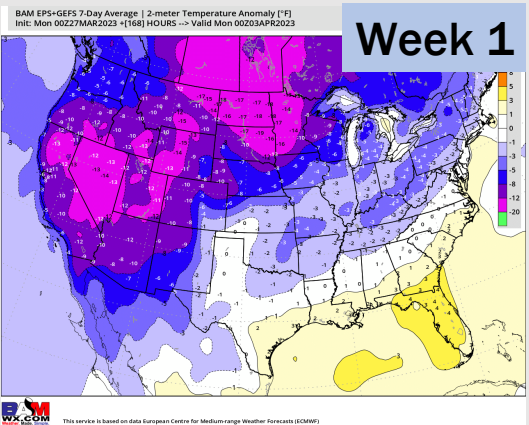
Wind Speed
10 AM CT



High Temps
Wednesday



Houston Pilots: 3/27/23



- Rain chances expected through the first half of the week with very low-end chances later in the week. A substantial shot of rain looks to hang around the area Saturday. Temperatures are expected to be slightly above normal over the next seven days.
- Expecting near to slightly above normal precipitation chances and above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and above normal chances for precipitation favored in the week 3/4 timeframe.