

Houston Pilots Forecast Package

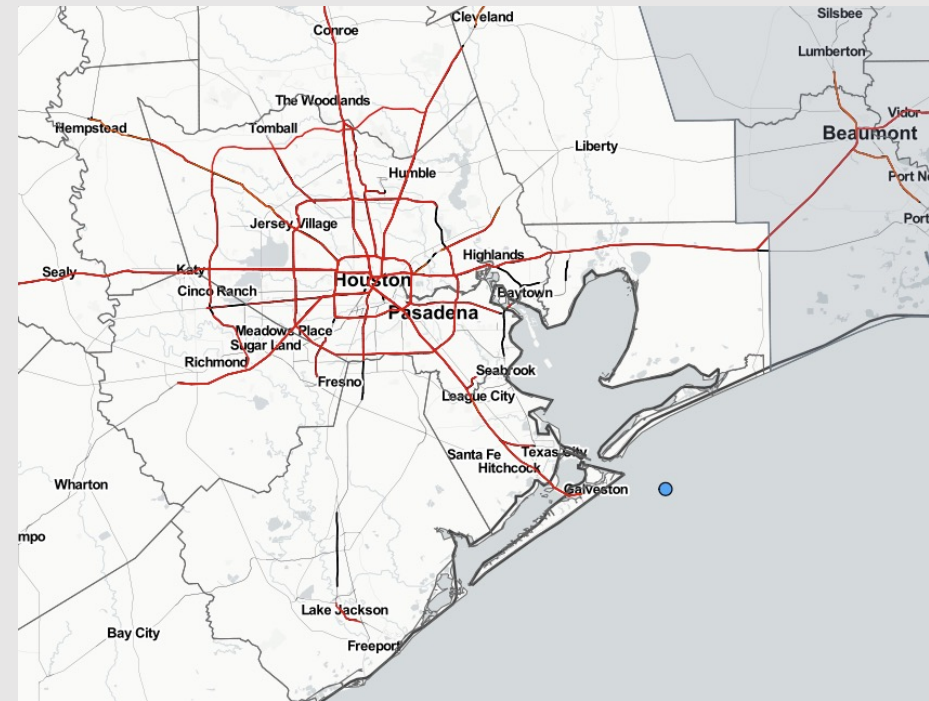


Updated: 1:00 PM CT
Monday, March 6, 2023

Forecaster: Vince Bryan

Weather Headlines

- Favoring low-end spotty shower chances across the area the next few days. Majority of areas look to stay dry.
- **Sea fog chances will roll back into the picture for the majority of this week, extending out to at least the end of the week. Gradually warming water temps may aid in limiting this threat to more patchy vs. widespread.**
- Winds will stay rather light over the next three days with ranges staying within 5 – 15 kts.
- No wave height concerns over the next ~5 days.



Radar/NWS Alerts: 1:00 PM CT



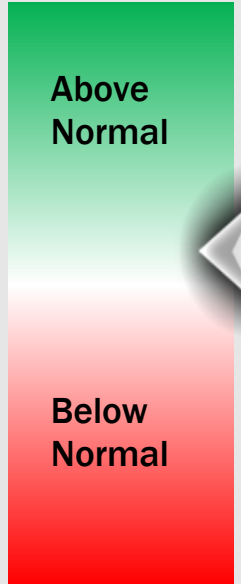
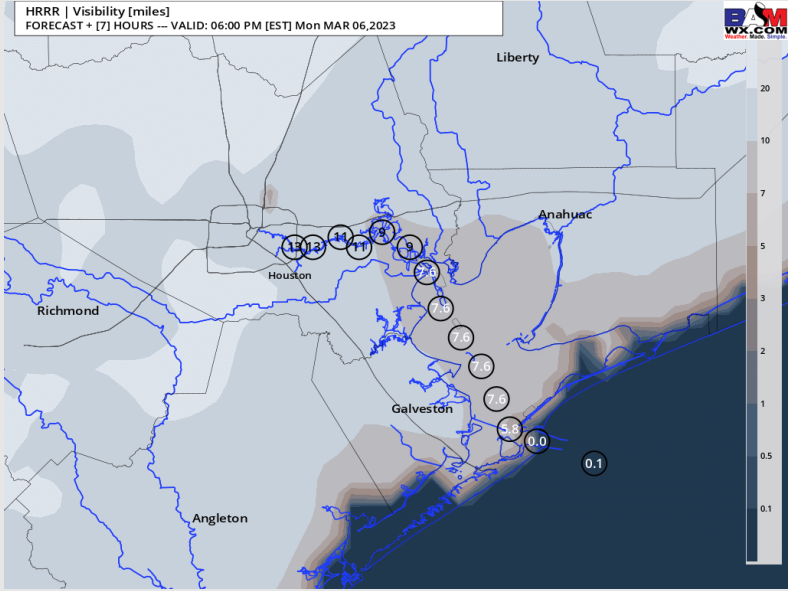
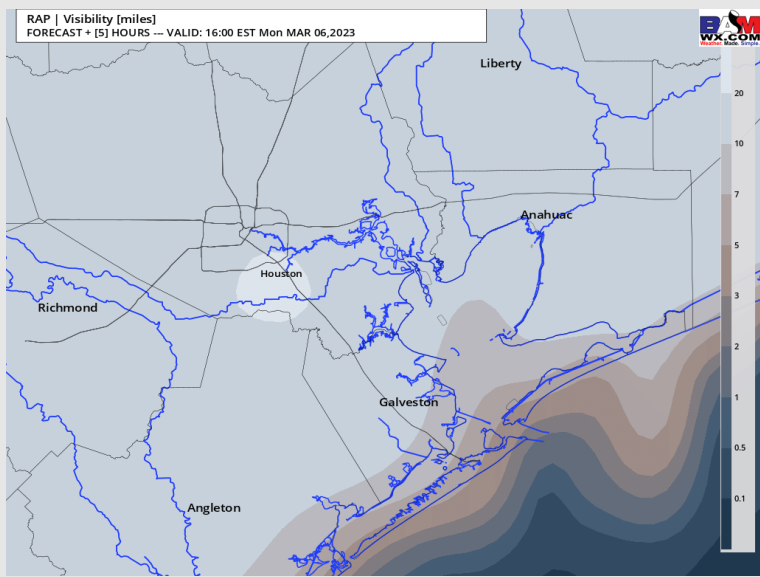
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



1 PM CT MON VISIBILITY 7 PM CT MON VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 7 PM CT MON	Low-Medium

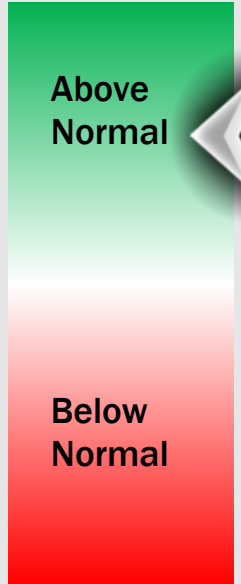
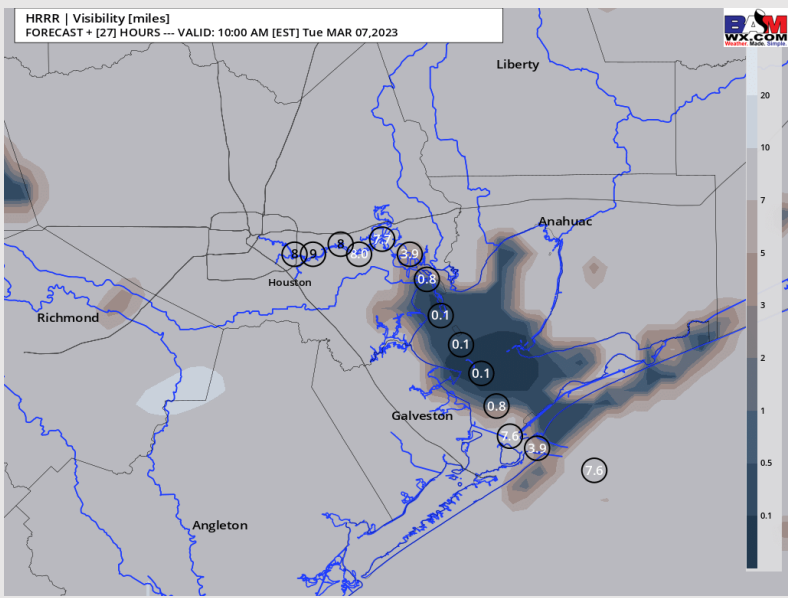
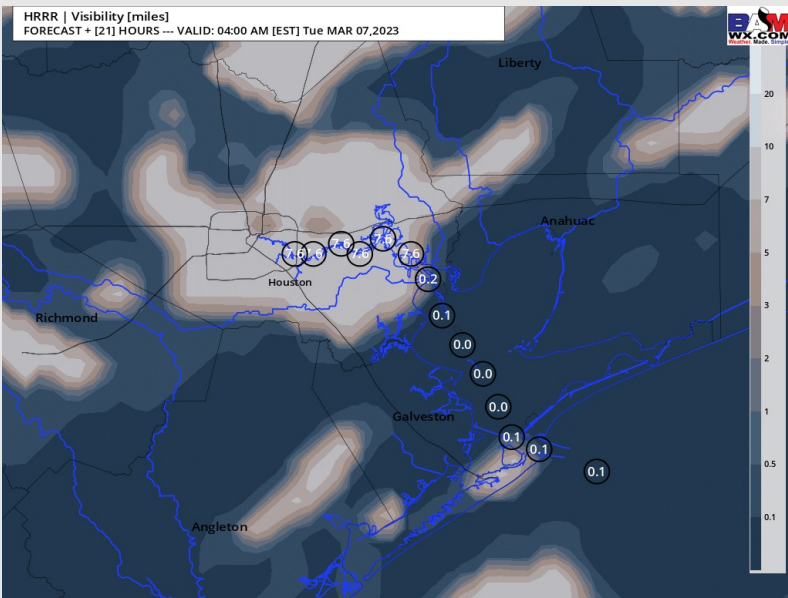
- Some reduced visibilities are being noted south of 11/12 this afternoon and concern is rising that <2 mile visibility at the boarding station may become more common as we progress through the rest of the afternoon and evening hours.
- Breaks here and there may be possible, but latest data + observations indicating that the boarding station will be the primary risk for continued reduced visibility/ fog into through the afternoon and evening hours.
- Locations north of 11/12 are not favored to have much of a threat for fog out through sundown as conditions are not as favorable as over the Gulf.

Houston Pilots Visibility Report



2 AM CT TUE VISIBILITY 10 AM CT TUE VISIBILITY

Confidence



- Confidence is increasing that fog/ <2 mile visibility near the boarding station will slowly lift northward after sundown, and allow for all stations to be at play for visibility issues.
- Watching around 8-10 PM this evening for this threat to creep northward into Galveston Bay.
- Latest data is in rather good agreement that once fog settles in this evening, it can be rather persistent sticking around the area out through the late AM hours tomorrow. Locations north of Morgan's Point hold the best risk of seeing this lift in the 9-11 AM Tuesday window, as to where the fog can stick around elsewhere out through at least Midday (11AM - 1 PM) Tuesday.

TIMEFRAME DISCUSSED	THREAT
7 PM MON - 12 PM TUE	Medium-High

Houston Pilots Extended Range Visibility Report



Thursday 3/9/23

SSE to SE winds will be likely for Thursday, albeit stronger than Wednesday's winds, especially in the PM hours. Wind ranges of 10 - 15 kts will be possible with gusts to 25 kts.



Friday 3/10/23

SE winds during the early morning hours look to shift from the SW approaching 10 AM. A weak front will try and work through the area, however latest data suggests it stalls near the coast and keeps fog chances around.



Saturday 3/11/23

Northerly winds through Saturday AM before shifting to the S by the afternoon making sea fog development possible later Saturday evening.



Chance for Reduced Visibility

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

Houston Pilots Visibility Report



Refer to the text slides above for the official BAM forecast. The chart may not be seeing the fog threat well.

Time	Mon 11am	Mon 12pm	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		
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	7	7	8	8	5	3	8	6	3	8	9	9	9	9	6	1	1	6	8	8	8	
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	8	8	5	3	8	6	3	8	9	9	9	9	6	1	1	6	8	8	8	
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	8	8	5	3	8	6	3	8	9	9	9	9	6	2	2	6	8	8	8	
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	8	8	5	4	8	6	5	8	10	10	9	9	7	5	5	7	8	8	8	
75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	8	8	5	4	8	6	5	8	9	10	9	9	7	5	5	7	8	8	8	
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Houston Pilots Wind Report



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13

G:18

N

Time Knots	Mon 11am	Mon 12pm	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		
610 Bridge	5	4	4	5	6	5	6	8	8	7	6	6	6	5	4	4	4	3	3	3	3	3	5	6	6	7	8	9	10	10	11	10	9	8	8	7		
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Kinder 1	5	4	4	5	6	6	7	8	7	6	5	5	6	5	4	4	4	3	3	3	3	3	5	6	7	7	8	9	10	10	11	10	9	8	8	7		
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Greens Bayou	4	5	4	4	5	6	8	7	7	6	5	5	6	5	4	4	4	3	3	3	3	3	5	6	7	7	9	10	10	11	11	10	9	8	8	7		
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Shell Crude	4	5	4	4	5	7	8	7	6	6	5	5	6	5	4	4	4	3	3	3	3	3	5	6	7	8	9	10	11	11	11	10	9	8	7	7		
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Exxon 3	5	4	4	4	6	8	8	8	7	6	6	6	6	5	4	4	4	3	3	3	3	3	4	5	6	7	8	9	10	11	11	11	10	9	8	8		
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Morgans Point	4	4	4	5	7	9	9	9	8	8	7	6	6	5	3	5	4	3	3	3	3	3	4	6	6	8	8	9	11	11	12	12	12	11	10	9	8	
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1 & 2 Bravo	2	1	2	4	4	6	8	9	10	11	11	12	11	12	11	9	7	7	5	4	4	4	5	6	6	7	7	7	8	8	9	10	10	10	10	10	10	10
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Houston Pilots: Mon. 3/6/2023



Forecast Discussion

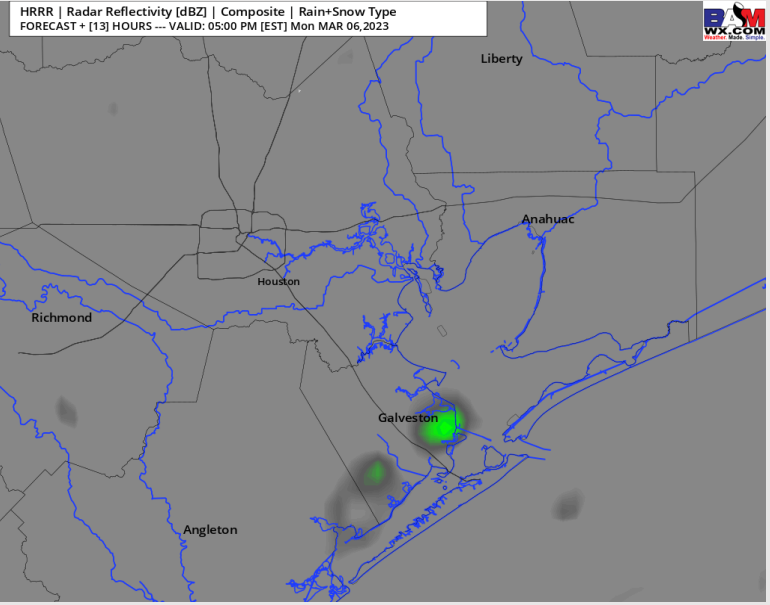
Precip: Through 4 PM, a stray 10% chance of a pocket of mist/drizzle exists, however favoring mainly dry conditions.

Wind: Winds will generally be out of the SE the remainder of the day. Winds will primarily stay within 3 – 8 kts across all stations, with south of Morgan's Point increasing to 7 - 12 kts continuing for the rest of the day (occasional gust up to 15 knots possible).

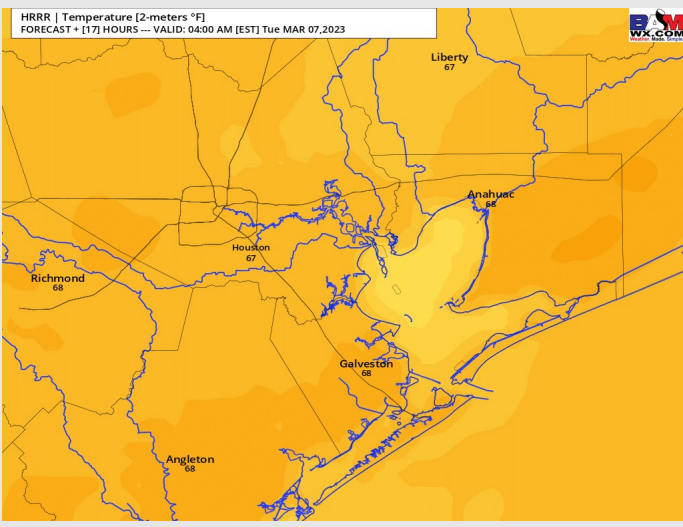
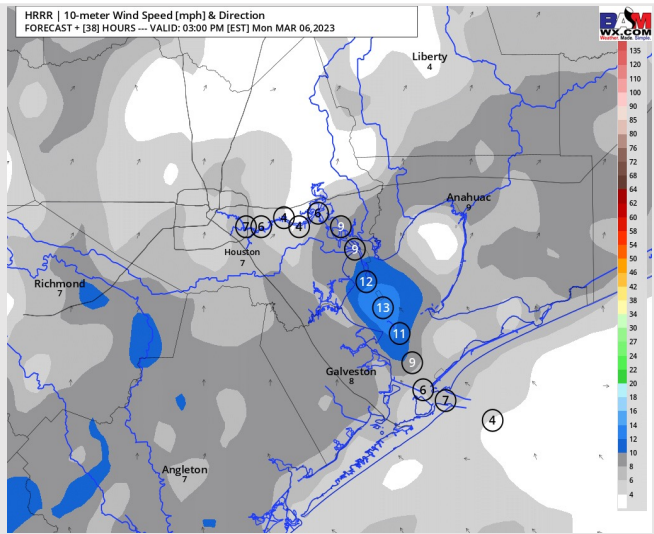
Temps: Lows will fall back into the mid to upper 60s overnight tonight.

Visibility: Check slides above for visibility concerns heading into tomorrow.

Precip Forecast: 3 PM CT



Wind Speed
4 PM CT



Low Temps This
Evening

Forecast Discussion

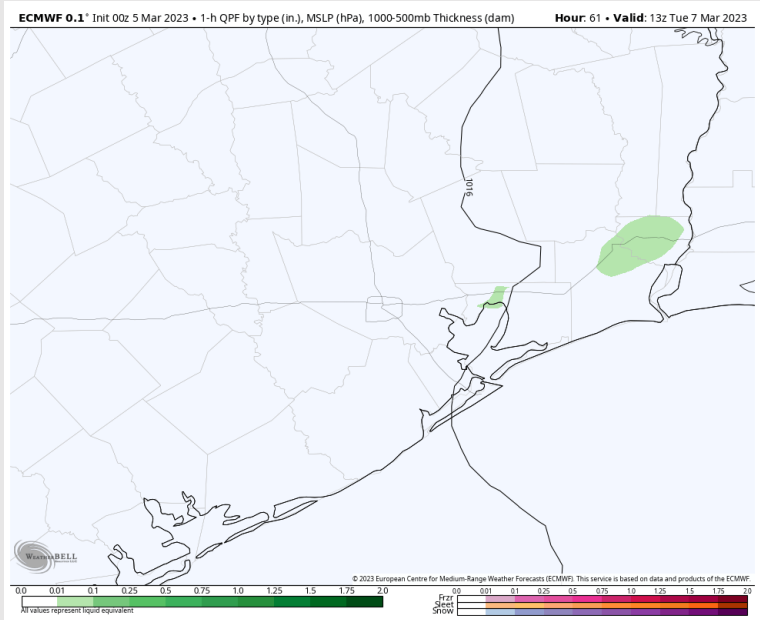
Precip: A weak boundary will sit over the region on Tuesday, with very low end shower chances creeping into the picture (10%) from 6 AM – 1 PM. Expect a mainly dry day Tuesday.

Wind: Sustained winds be from the S to SSE for the entire day Tuesday. Calmer winds during the AM hours will range from 5 -10 knots until 9 AM. After 9 AM winds will pick up slightly to 8 – 13 knots and remain as such for the rest of the day at the boarding station.

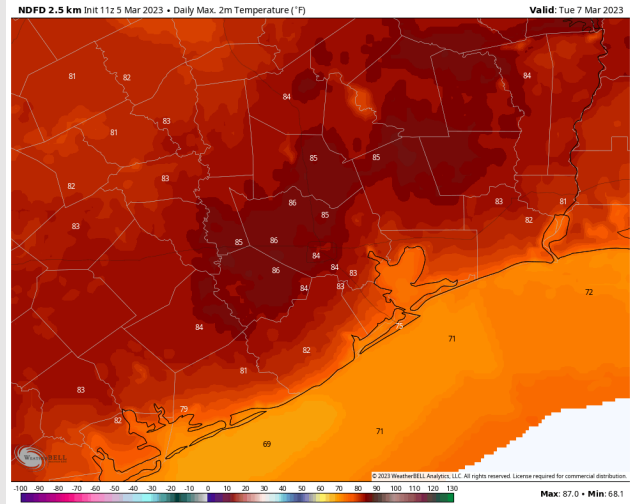
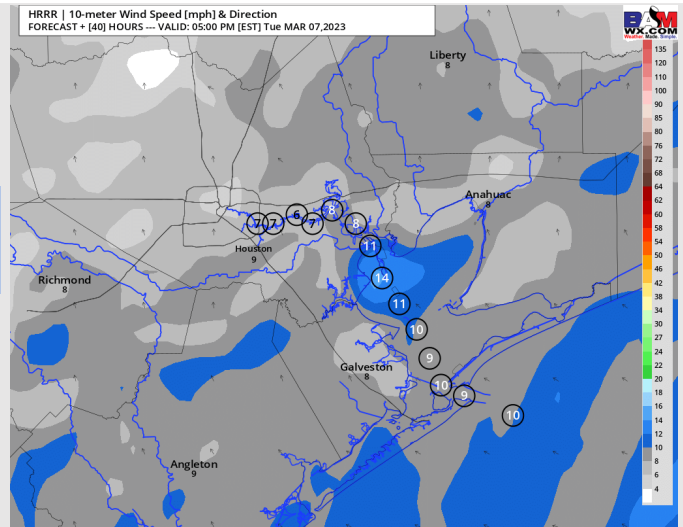
Temps: Much above normal temperatures will continue for Tuesday, with highs in the mid 80s F north of Morgan’s Point and in the mid to lower 70s F south of Morgan’s Point.

Visibility: Sea fog will again be a risk Monday night into Tue AM, and in the nighttime hours Tue. More info on the text slides above.

Precip Forecast: 7 AM CT



Wind Speed
4 PM CT

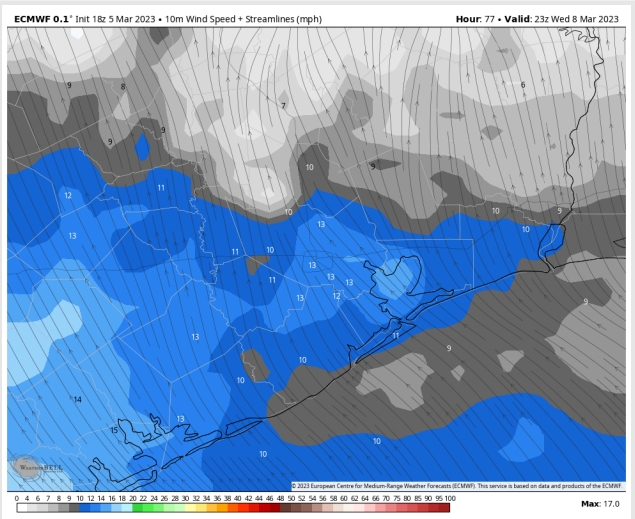
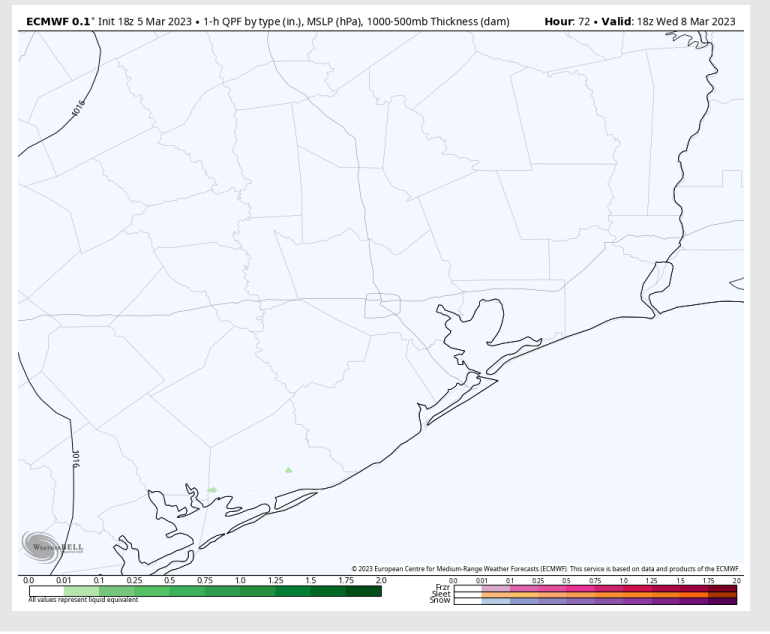


Low Temps
Sunday AM

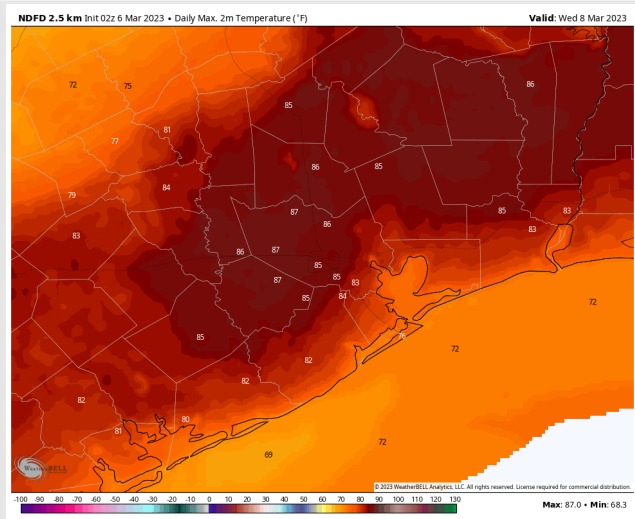
Forecast Discussion

- Precip:** Favoring dry conditions throughout the day Wednesday.
- Wind:** Sustained winds will be out of the SE all day. Winds will be at 5 – 11 kts across all stations through out the day.
- Temps:** High temperatures Wednesday will be in the mid to lower 70s F stations south of Morgan’s Point and near 80s F for stations north of Morgan’s Point.
- Visibility:** Sea fog threat continues to remain possible with SE winds.

Precip Forecast: 12 PM CT

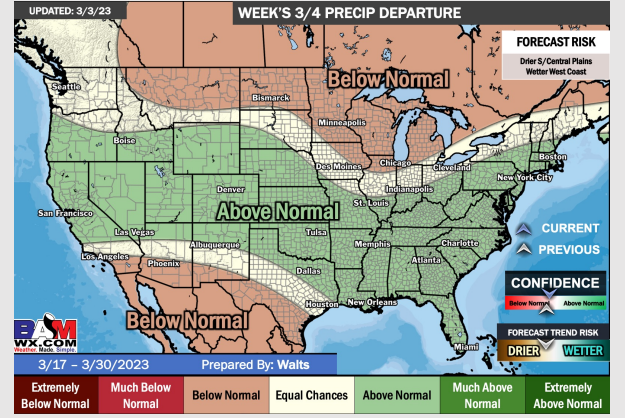
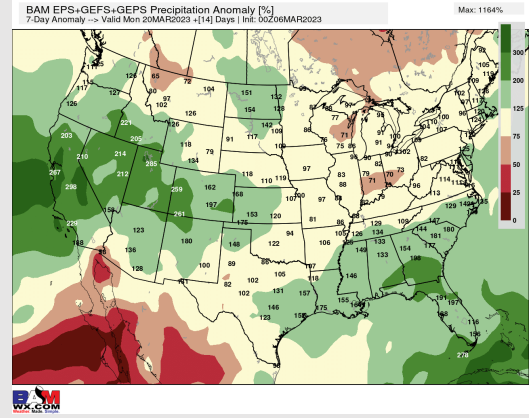
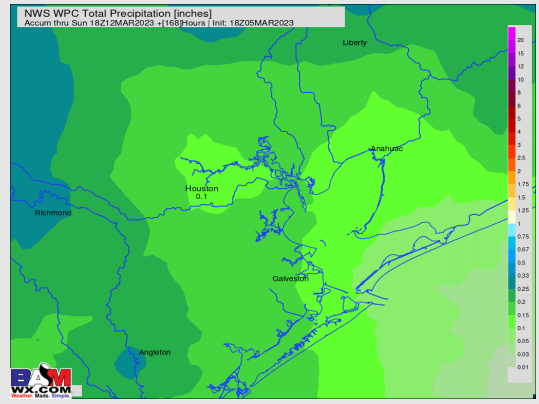
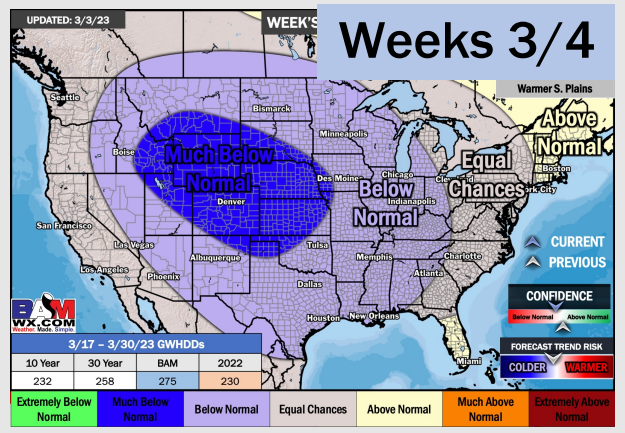
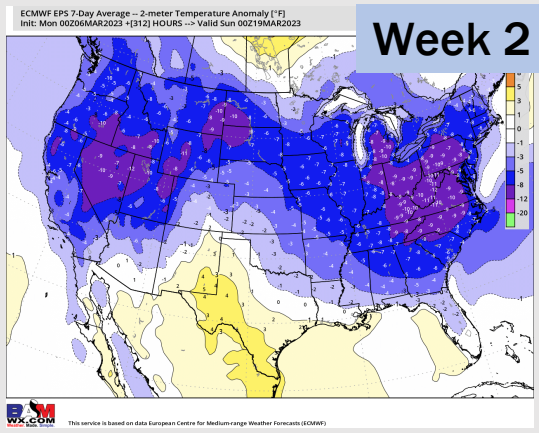
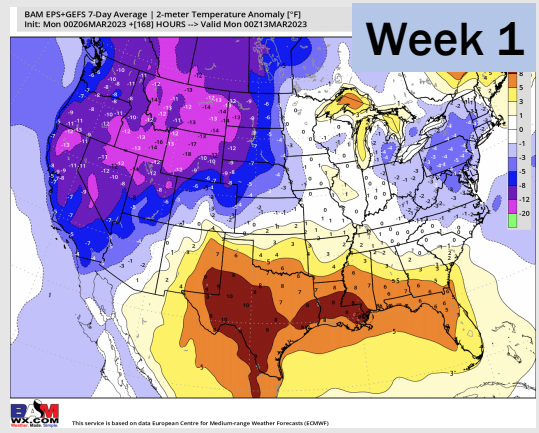


Wind Speed
5 PM CT



High Temps
Wednesday

Houston Pilots: 3/6/23



- Low end rain chances will be possible over the next couple days, with better chances for precipitation coming North of Houston. Temperatures are expected to be above normal over the next seven days.
- Expecting near normal precipitation chances and below normal temperatures extending into the week 2 timeframe.
- Anticipating below normal temperatures and above normal chances for precipitation favored in the week 3/4 timeframe.