

Houston Pilots Forecast Package



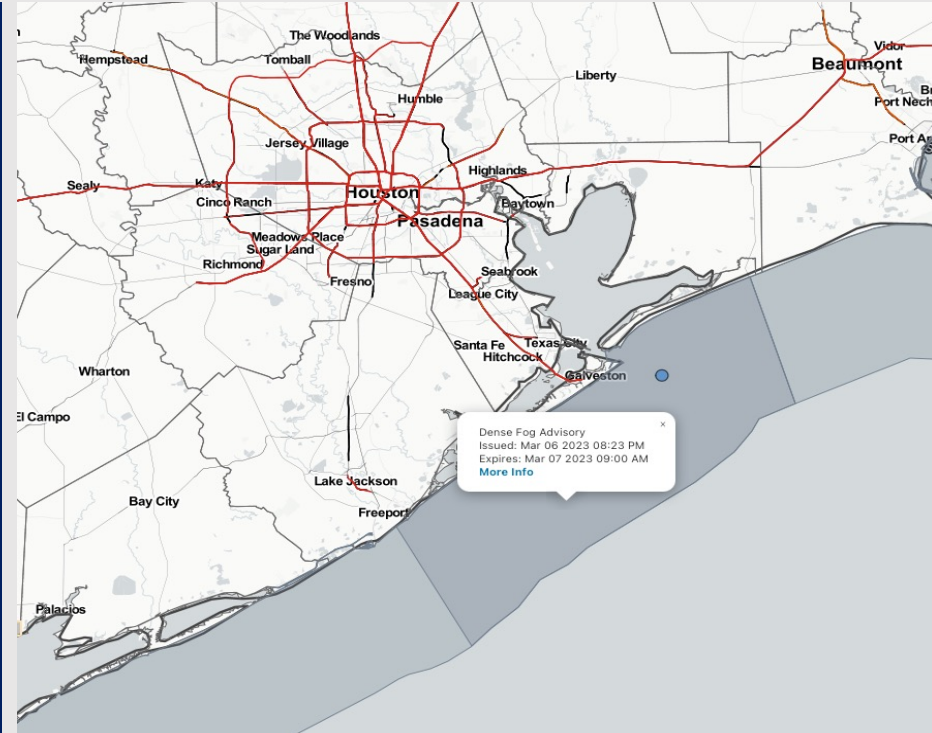
Updated: 5:00 AM CT

Tuesday, March 7, 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 continue 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: 5 :00 AM CT



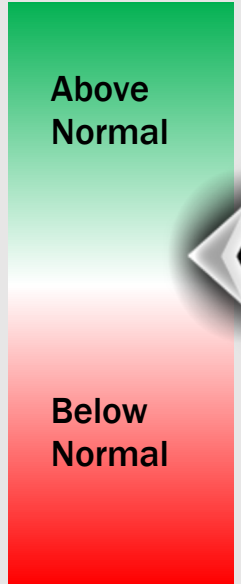
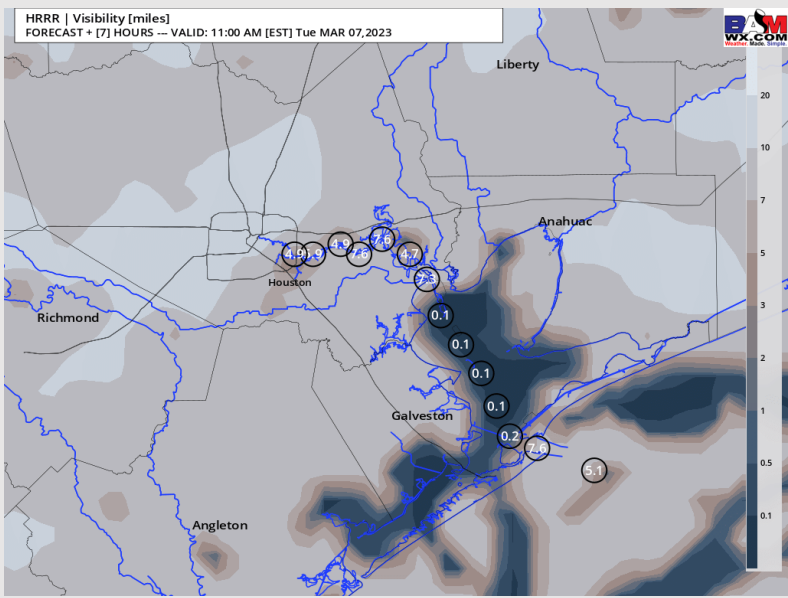
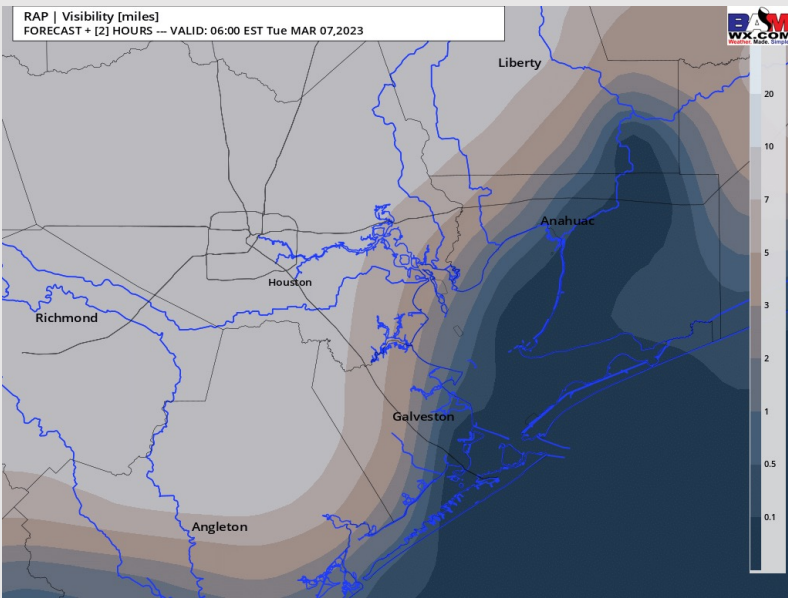
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



6 AM CT TUE VISIBILITY 10 AM CT TUE VISIBILITY

Confidence



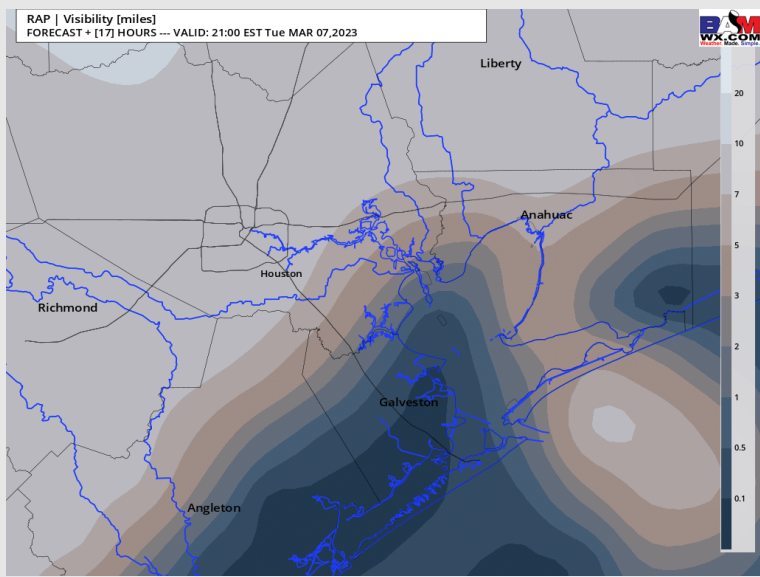
TIMEFRAME DISCUSSED	THREAT
CURRENT - 11 AM TUE	Medium

- Data has been a bit too aggressive with the coverage + intensity of the fog to this point in the AM across the area. The left image above is even too dense with fog, however we do think it is doing an okay job picking up on the S stations running the higher risk of seeing patches of dense fog over the next few hours.
- The rest of the morning may not be a case where any location is completely locked in with <2 mile visibility all AM long, but rather a situation where the threat for patchy fog would be possible with breaks/ improved visibility here and there.
- Any patchy fog North of Morgan's Point over the next few hours is favored to lift between 8-10 AM, while south of Morgan's Point likely sees any fog lift between 9 - 11 AM.

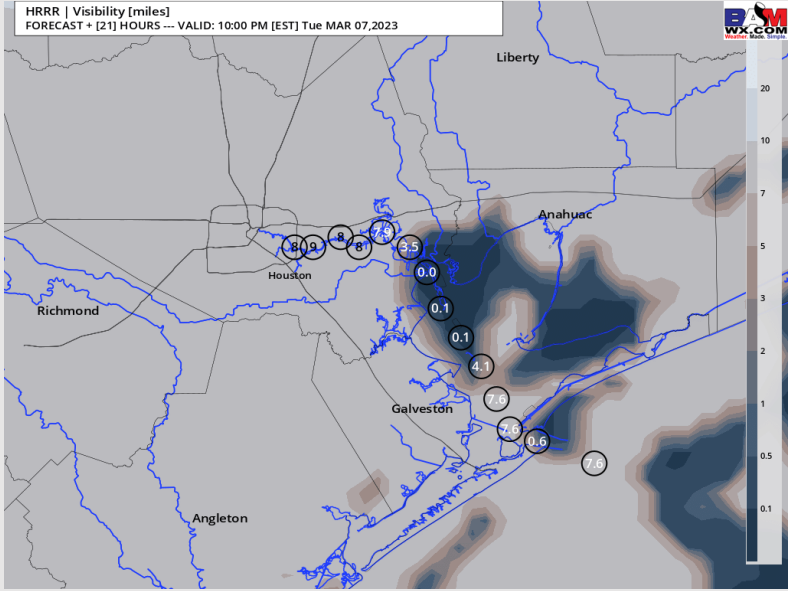
Houston Pilots Visibility Report



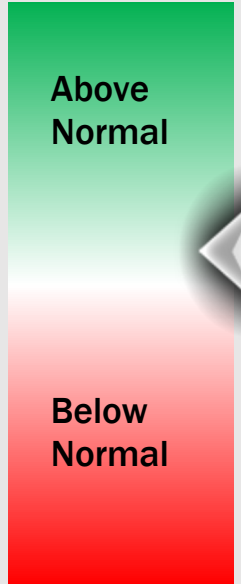
6 PM CT TUE VISIBILITY



12 AM CT WED VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
12 PM TUE - 6 AM WED	Low-Medium

- As is usually the case, into the very early PM hours, lowered visibility down to a few miles (2-4 miles) cannot be ruled out at the boarding station.
- Eyeing the early evening hours where dense fog is not likely, but lowered visibilities down to a couple miles in spots south of Morgan's Point cannot be taken off the table. Model shown TUE evening is likely too widespread, but there is at least this risk to watch.
- As of this report, data (and our forecast) is for any patchy fog after Midnight through Wednesday AM to be isolated. Any location south of Morgan's Point would be at risk, however we think there can be more breaks/ visibility 4+ miles during this window vs. dense fog everywhere.

Houston Pilots Extended Range Visibility Report



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.



Sunday 3/12/23

S – SW winds throughout the day Sunday, however, low level saturation is expected to struggle to occur at this time.



Chance for Reduced Visibility

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

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	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	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	
610 Bridge	5	4	4	2	2	6	7	9	10	10	10	10	10	10	10	10	10	10	7	6	6	6	5	3	2	0.48	0.37	0.37	2	6	10	10	10	10	10	10	
Kinder 1	5	4	4	2	2	6	7	9	10	10	10	10	10	10	10	10	10	10	7	7	6	6	5	4	2	2	2	1	3	6	10	10	10	10	10	10	
Greens Bayou	4	4	4	2	2	5	7	9	10	10	10	10	10	10	10	10	10	10	7	7	6	6	6	5	4	4	4	3	4	7	9	10	10	10	10	10	
Shell Crude	3	3	3	2	2	4	7	9	10	10	10	10	10	10	10	10	10	10	7	8	7	8	8	8	8	8	8	8	3	5	7	9	10	10	10	10	10
Lynchburg Ferries	2	2	2	2	2	4	7	9	10	10	10	10	10	10	10	10	10	10	7	8	7	8	8	8	8	8	8	8	3	6	7	9	10	10	10	10	10
Exxon 3	2	2	2	2	2	4	6	9	10	10	10	10	10	10	10	10	10	10	7	8	7	8	8	8	8	8	8	8	3	6	7	9	10	10	10	10	10
Morgans Point	2	2	2	2	2	4	6	8	10	10	10	10	10	10	10	10	10	10	7	8	7	8	8	8	8	8	8	8	3	8	7	9	10	10	10	10	10
75/76	2	2	2	2	2	4	6	7	10	10	10	10	10	10	10	10	10	8	7	8	7	8	8	8	8	8	8	8	3	7	7	7	10	10	10	10	10
63/64	2	2	2	2	2	4	6	6	9	10	10	10	10	10	10	10	10	8	6	8	7	8	8	8	8	8	8	8	3	8	7	7	10	10	10	10	10
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1 & 2 Bravo	1	1	1	0.29	0.62	2	4	5	6	6	6	8	6	10	10	10	6	8	7	8	7	8	8	8	8	8	7	8	8	8	7	7	8	8	8	8	8

Houston Pilots Wind Report



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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	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
610 Bridge	4	3	3	4	3	4	3	4	4	5	6	7	8	8	8	9	8	7	7	7	7	7	7	6	5	5	4	4	6	6	7	8	9	10	10	10
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Kinder 1	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	
	4	3	3	4	3	4	3	4	4	5	6	7	8	8	8	9	8	7	7	7	7	7	6	6	5	5	4	4	6	6	7	8	9	10	10	10
Greens Bayou	10	10	8	8	8	7	5	6	6	7	8	10	11	12	12	12	11	11	10	10	10	10	10	9	8	7	7	9	9	10	10	11	12	12	12	
	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	
Shell Crude	4	3	3	3	4	4	3	4	5	5	7	8	8	8	8	9	7	7	7	7	7	7	6	6	6	5	5	4	4	6	6	7	8	9	10	10
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Lynchburg Ferries	SSW	S	SSE	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	
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Exxon 3	10	9	7	7	8	7	6	7	8	8	9	10	11	12	13	12	12	11	10	10	10	10	10	9	8	7	7	9	9	10	10	11	12	13	13	
	SSW	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	
Morgans Point	3	3	2	3	4	4	5	6	6	6	7	7	9	10	9	10	10	9	8	8	7	7	7	7	6	6	5	5	6	7	7	8	9	10	11	12
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63/64	11	9	7	6	8	8	8	9	8	10	9	9	12	12	12	13	12	11	11	10	9	9	9	9	9	8	8	7	8	9	10	11	13	14	15	
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11/12	7	5	4	4	4	5	4	5	5	6	7	7	6	6	6	9	9	8	8	7	7	7	7	7	7	7	7	6	7	7	8	8	9	10	10	
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1 & 2 Bravo	SSW	SSW	S	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	
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1 & 2 Bravo	6	5	3	3	4	5	5	5	5	4	4	4	6	6	6	10	10	10	10	9	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	
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1 & 2 Bravo	S	S	S	ESE	ESE	SE	SE	SE	ESE	E	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	

Forecast Discussion

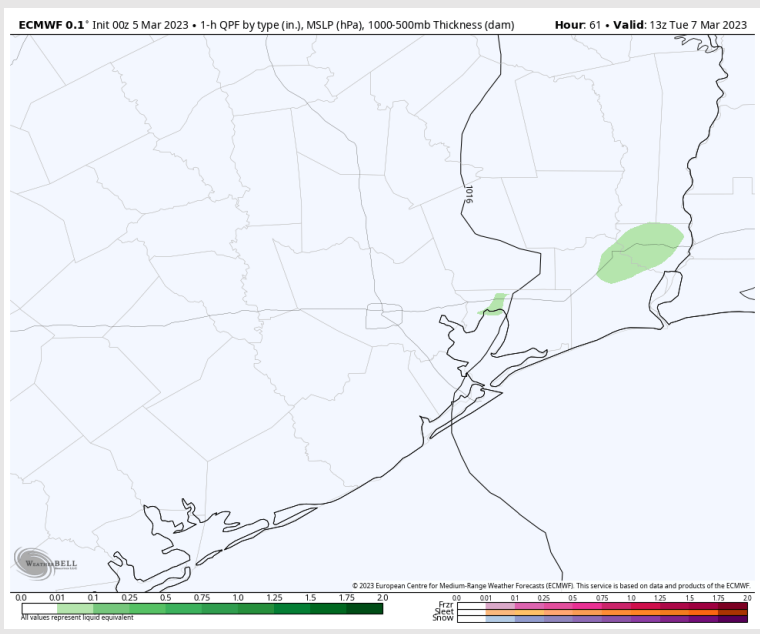
Precip: A weak boundary will sit over the region, with very low end shower chances creeping into the picture (10%) from 8 AM – 1 PM. Expect a mainly dry day.

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 1 PM winds will pick up slightly to 8 – 13 knots and remain as such for the rest of the day at the boarding station.

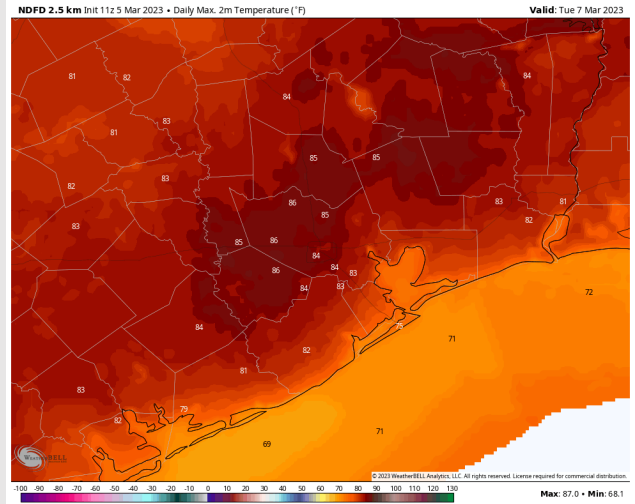
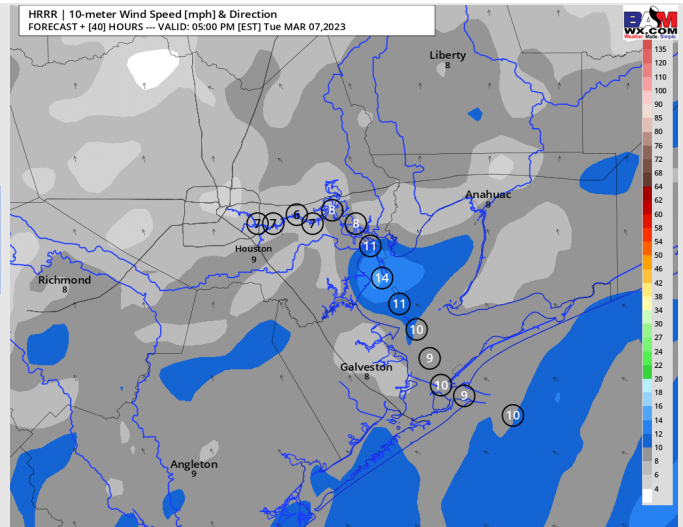
Temps: Much above normal temperatures will continue with highs in the mid 80s F north of Morgan’s Point and in the mid to lower 70s F south of Morgan’s Point.

Visibility: Check the text slides above for more information on visibility concerns moving through the day.

Precip Forecast: 11 AM CT



Wind Speed
4 PM CT



High Temps
Today

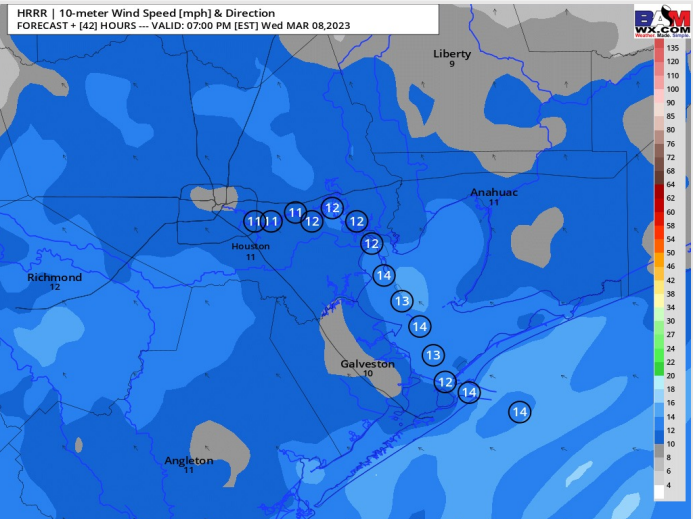
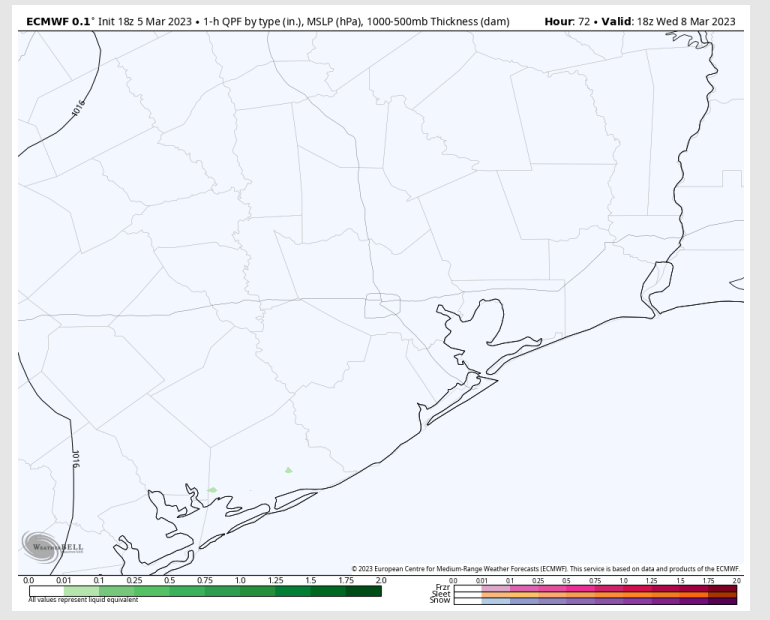
Houston Pilots: Wed. 3/8/2023



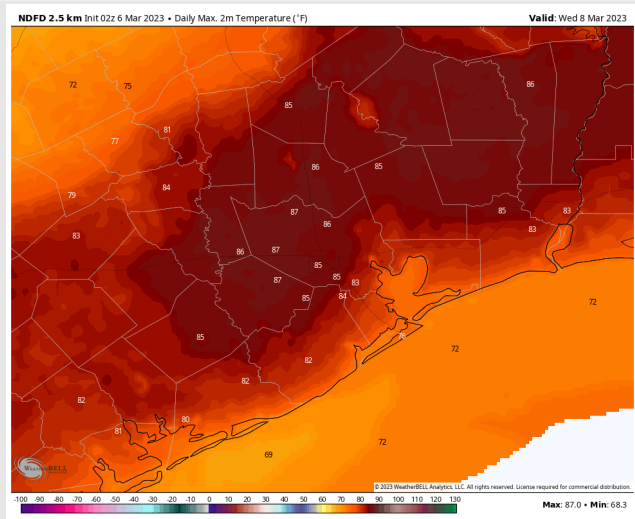
Forecast Discussion

- 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 ~5 PM before becoming 8-13 knots sustained.
- 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. Tuesday night into Wednesday AM will be another window to watch for fog (details in fog slides above).

Precip Forecast: 12 PM CT



Wind Speed
5 PM CT



High Temps
Wednesday

Forecast Discussion

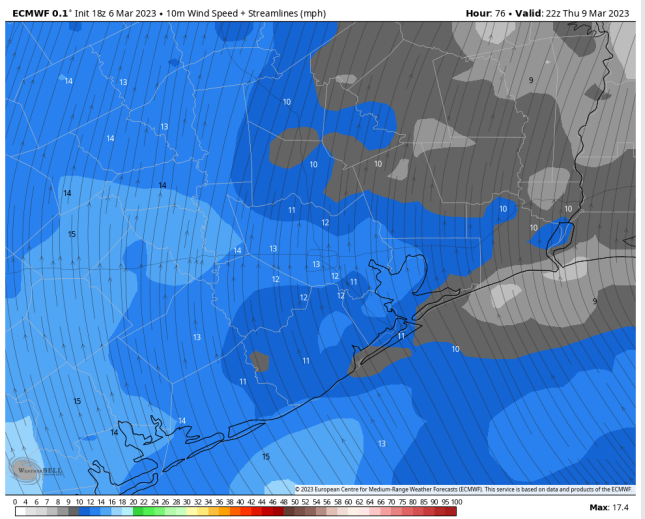
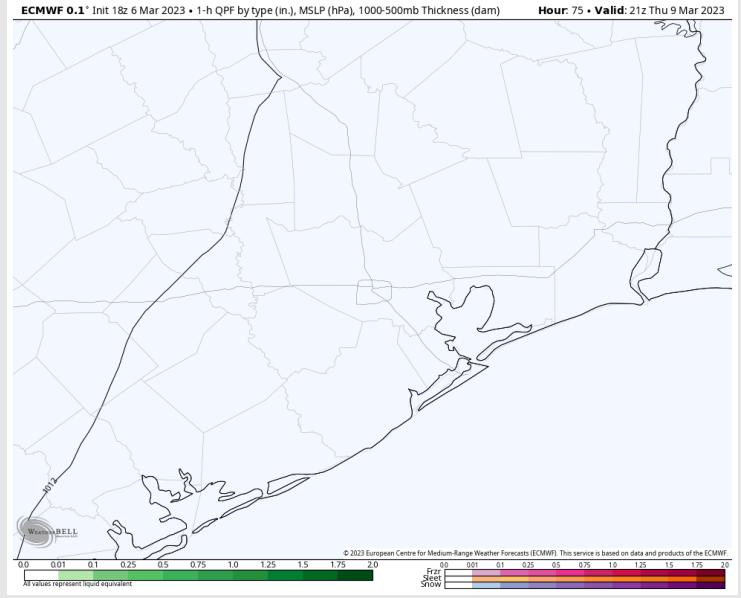
Precip: Anticipating dry conditions throughout the day Thursday.

Wind: Winds will generally be out of the SE - SSE. Winds will primarily stay within 4 – 10 kts for stations north of Morgan’s Point and 8 -13 kts for stations south of Morgan’s Point through out the day Thursday. There will be a brief window of 20 kts gusts for stations north of Morgan’s Point from 12 - 4 PM.

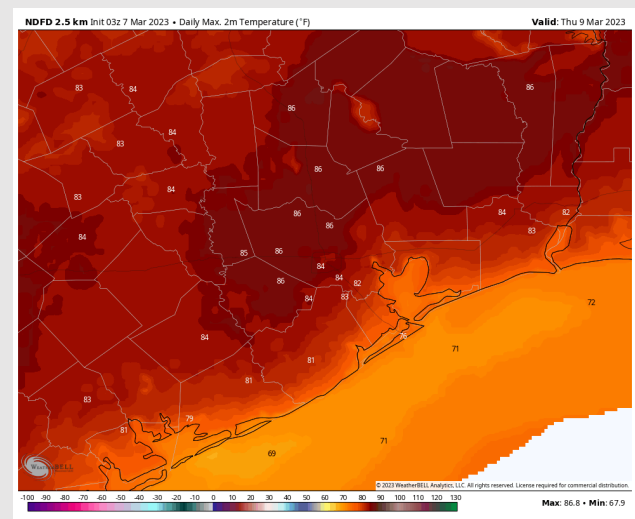
Temps: High temperatures Thursday will be in the mid 80s F north of Morgan’s Point and in the mid to lower 70s F south of Morgan’s Point.

Visibility: Sea fog threat remains possible on Thursday.

Precip Forecast: 3 PM CT

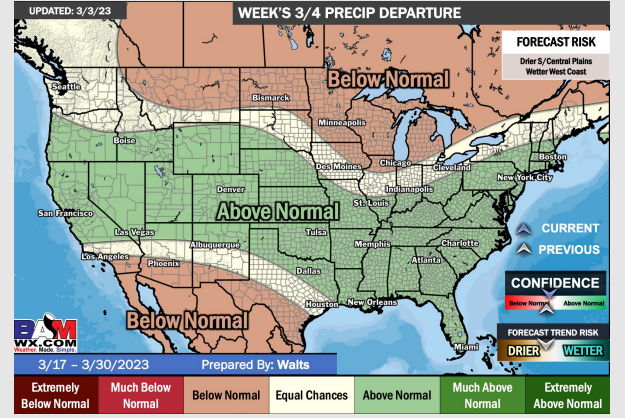
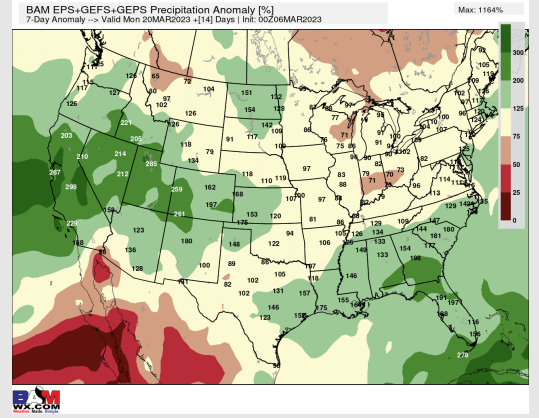
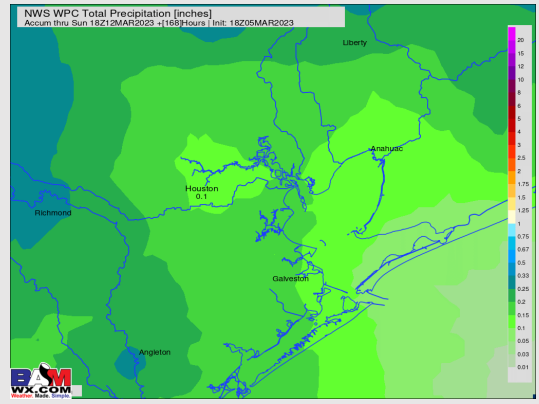
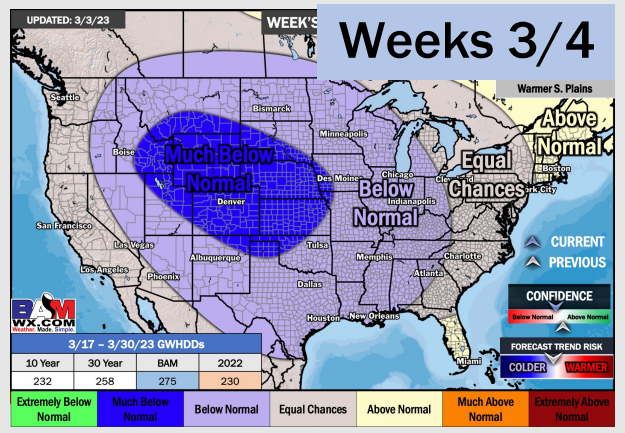
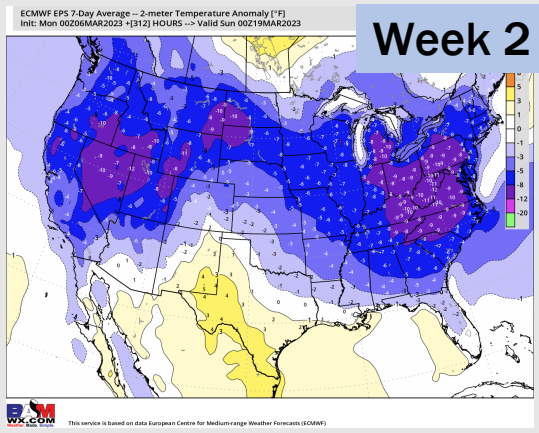
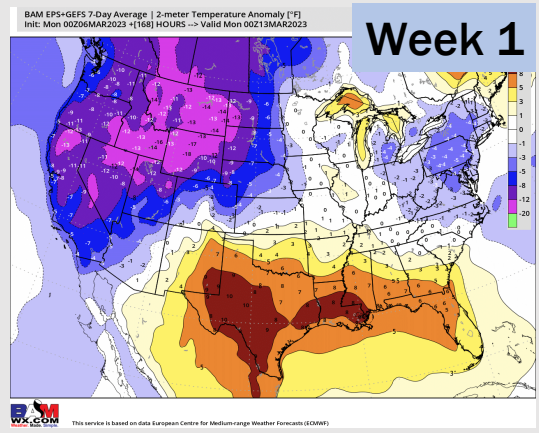


Wind Speed
4 PM CT



High Temps
Thursday

Houston Pilots: 3/7/23



- 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.