

# Houston Pilots Forecast Package

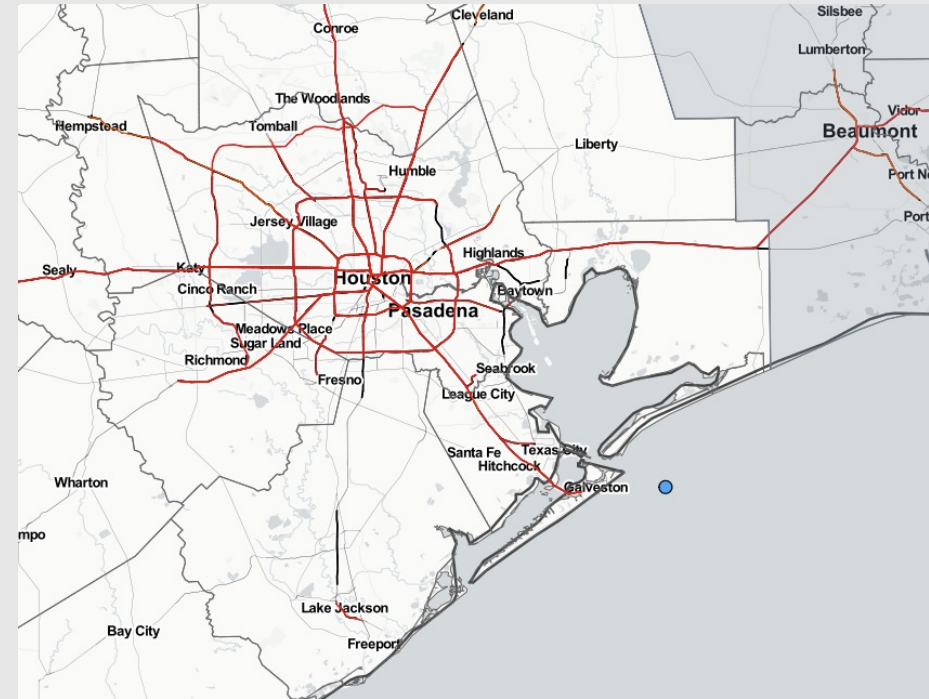


Updated: 5:30 AM CT  
Monday, March 6, 2023

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: 5:00 AM CT**

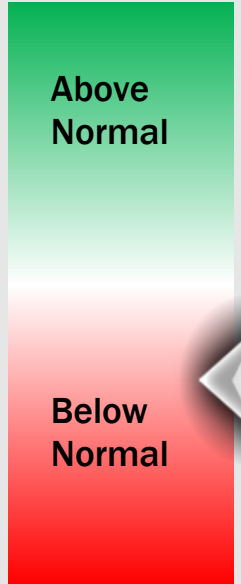
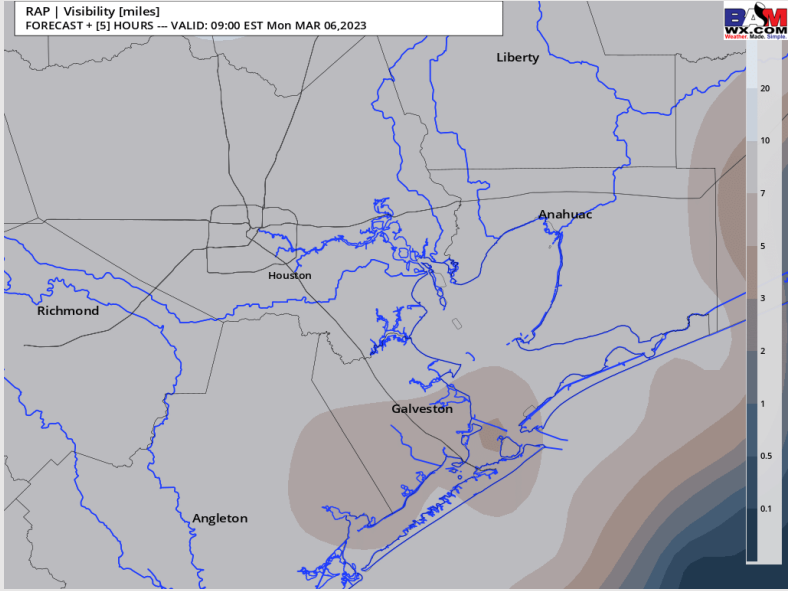
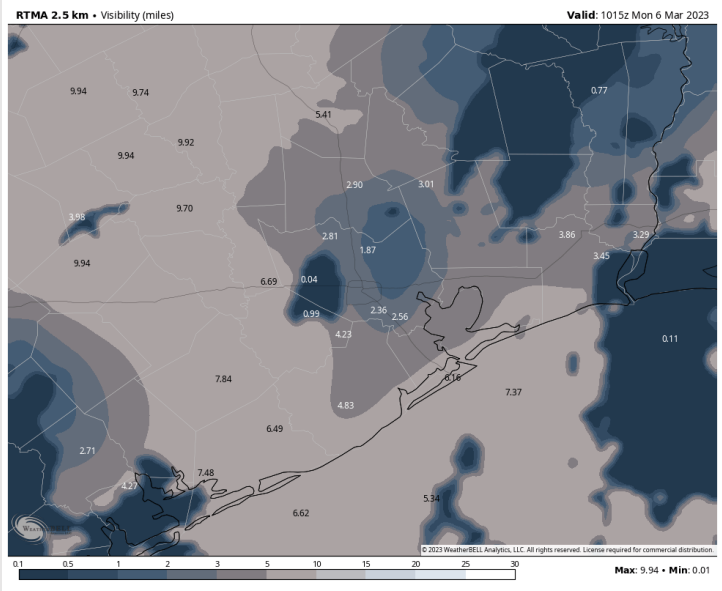


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## CURRENT VISIBILITY 5 AM CT      8 AM CT MON VISIBILITY      Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 10 AM CT MON	Low

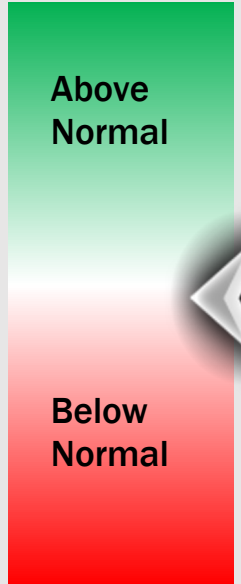
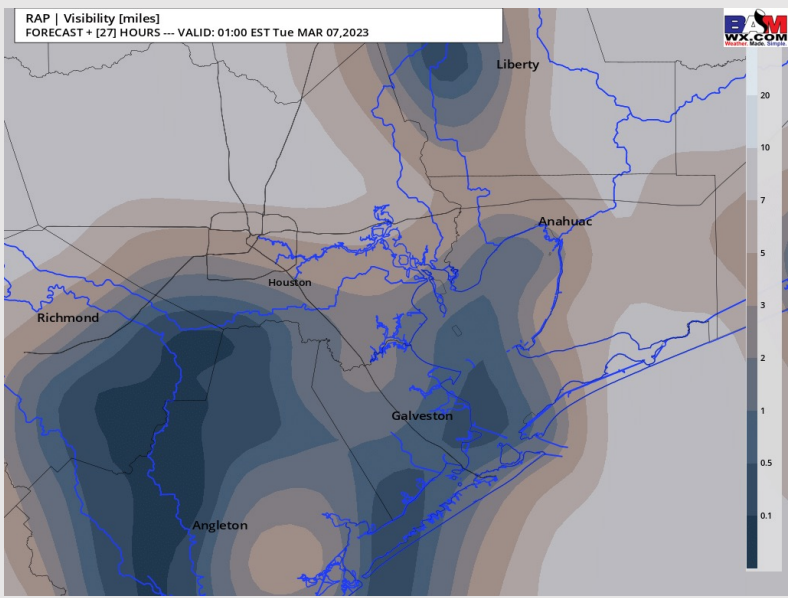
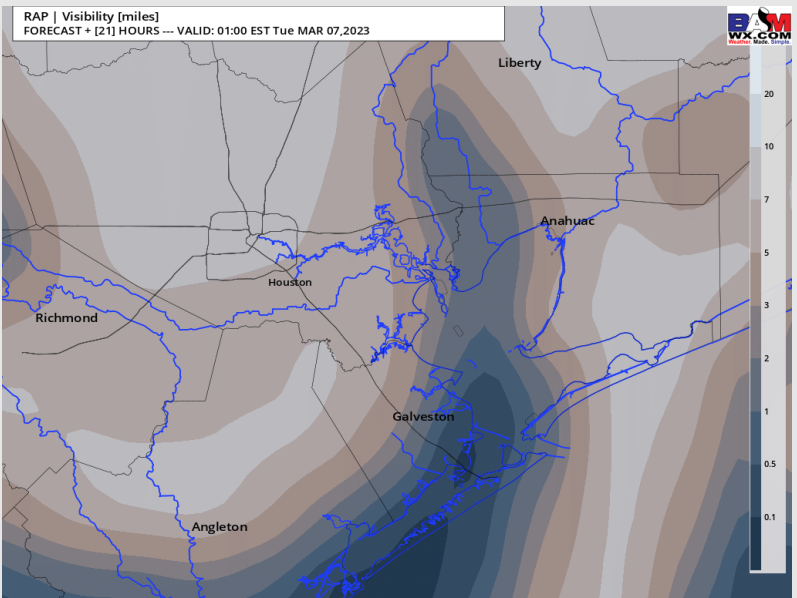
- Some slightly lower confidence exists currently on the progression of visibility this AM as data is much too aggressive with portraying fog this AM vs current observations.
- Currently favoring the fog threat to remain limited over the next few hours, however pockets of lowered visibility (3-5 miles) will be possible through mid- AM.
- The risk for patchy fog to work into the area and impact stations S of Morgan's Point is non-zero out through 9-10 AM given a lower cloud deck sitting around the area, however this is not favored at this time.

# Houston Pilots Visibility Report



## 10 PM CT MON VISIBILITY      3 AM CT TUE VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
7 PM MON - 7 AM TUE	Low - Med

- Visibility will once again be something to watch as we head after sundown Monday and into the overnight hours/early Tue AM.
- Watching around 8-10 PM this evening for patchy fog to build near the boarding station and slowly work northward more into the overnight hours.
- This does look to be a bit more of a patchy threat vs. widespread (so not all stations are likely impacted this entire time), but visibility under the most dense fog could run 1-3 miles.
- Shortly after sunrise Tuesday we believe the fog risk will lift and allow for the late AM / early PM hours to see visibilities improve over 5+ miles.
- Timing/onset is the lowest confidence part of the forecast.

# 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

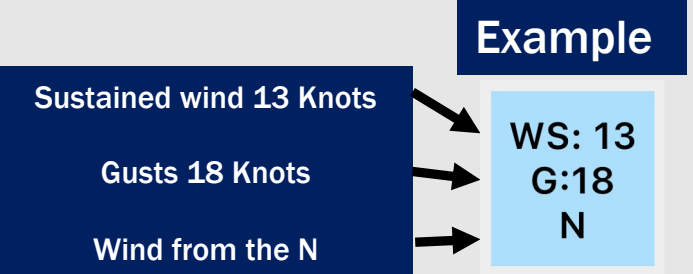
Thursday AM	Possible
Thursday PM	Possible
Friday AM	Possible
Friday PM	Possible
Saturday AM	Unlikely
Saturday PM	Possible

# Houston Pilots Visibility Report



Time	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	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
610 Bridge	10	6	3	1	1	1	2	7	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	3	1	0.48	0.37	0.37	0.48	0.24	0.24	4	6	10	10	10
Kinder 1	10	6	3	1	1	1	2	7	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	2	1	0.47	1	2	2	2	4	6	10	10	10
Greens Bayou	10	6	3	1	1	0.65	2	7	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	3	1	0.65	4	4	4	4	4	6	10	10	10
Shell Crude	10	6	3	1	1	0.65	2	7	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	3	1	1	8	8	8	8	4	6	10	10	10
Lynchburg Ferries	10	6	3	1	1	0.29	2	7	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	3	1	1	8	8	8	8	4	6	10	10	10
Exxon 3	10	6	3	1	1	0.29	1	7	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	3	1	3	8	8	8	8	4	6	10	10	10
Morgans Point	10	6	3	1	1	0.29	1	7	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	3	2	5	8	8	8	8	4	6	10	10	10
75/76	10	6	3	1	0.77	0.29	1	7	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	4	3	2	6	8	8	8	8	4	6	10	10	10
63/64	10	6	3	1	0.77	0.29	1	5	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	5	4	4	8	8	8	8	8	4	6	8	10	10
51/52	10	6	3	0.95	0.77	0.29	0.29	2	7	10	10	10	10	10	10	10	10	10	10	9	7	6	5	6	4	5	8	8	8	8	7	4	6	8	9	9
37/38	10	5	3	0.77	0.77	0.29	0.29	2	7	10	10	10	10	10	10	10	10	10	10	8	6	6	5	6	4	7	8	8	8	8	4	3	5	6	7	7
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1 & 2 Bravo	10	4	3	0.77	0.4	0.29	0.29	2	4	6	8	10	10	7	8	10	7	7	6	5	4	8	8	8	8	8	8	8	8	8	1	2	3	4	5	5

# Houston Pilots Wind Report



Time Knots	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	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
610 Bridge	1	2	2	1	1	1	3	4	4	4	4	3	3	4	5	8	8	7	7	7	7	6	6	6	5	5	4	3	3	3	4	5	6	7	7	9
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	E	E	ENE	ENE	SW	ESE	SE	S	SSW	SW	SW	SW	SSW	ESE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
Kinder 1	2	2	2	1	1	1	3	3	4	4	4	3	4	4	6	8	8	7	7	7	7	6	6	6	5	5	4	3	3	3	4	5	6	7	7	9
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	SSE	E	ENE	E	SSW	SSE	SE	S	SSW	SSW	SSW	SSW	S	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Greens Bayou	2	2	2	1	1	0	2	4	4	3	4	4	5	6	7	8	8	7	7	7	7	6	6	6	5	5	4	3	3	3	3	5	6	7	8	9
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Shell Crude	2	2	3	1	1	1	2	4	4	4	5	5	5	7	7	9	9	10	10	10	10	9	9	9	8	8	6	5	5	4	5	6	7	8	8	9
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Lynchburg Ferries	2	2	3	1	1	2	2	5	4	4	5	6	6	7	7	9	9	8	7	7	7	6	6	6	5	5	4	3	3	3	4	5	6	7	8	10
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Exxon 3	5	6	6	6	6	9	10	10	8	8	8	9	8	10	10	11	11	11	11	10	10	9	9	8	8	7	7	6	5	5	6	7	8	9	10	10
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1 & 2 Bravo	9	9	8	7	6	6	6	6	5	3	4	6	7	7	8	8	10	10	10	9	10	10	9	8	8	7	6	6	6	6	6	6	7	8	8	9
	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	E	E	E	ESE	E	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SE	SE	

# Houston Pilots: Mon. 3/6/2023



## Forecast Discussion

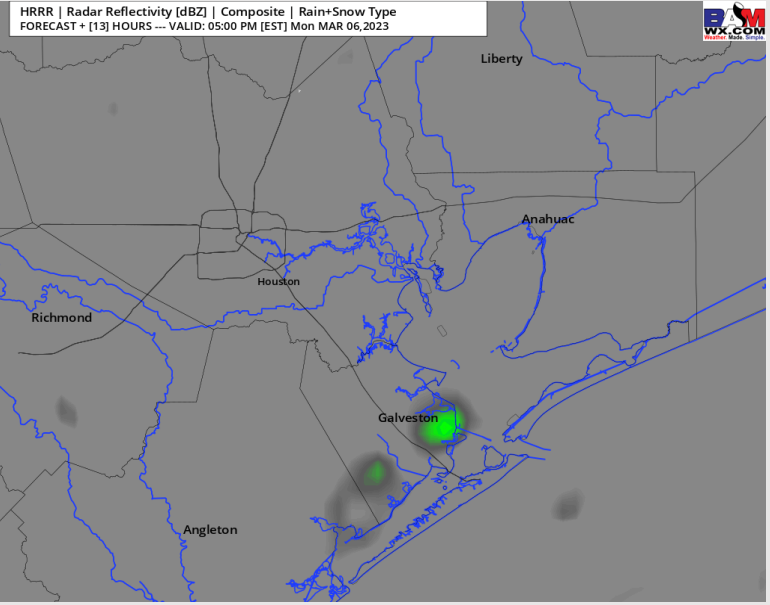
**Precip:** From 6 AM– 4 PM, a 10-15% chance for an isolated sprinkle/light shower will be possible. Outside of this low end risk, anticipating dry conditions for the rest of the day.

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

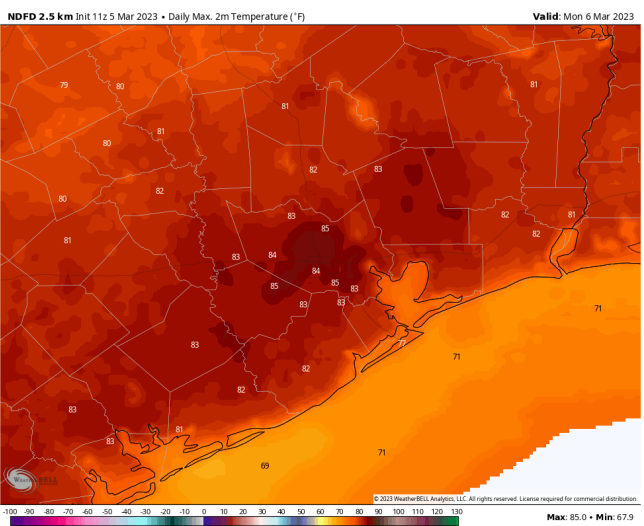
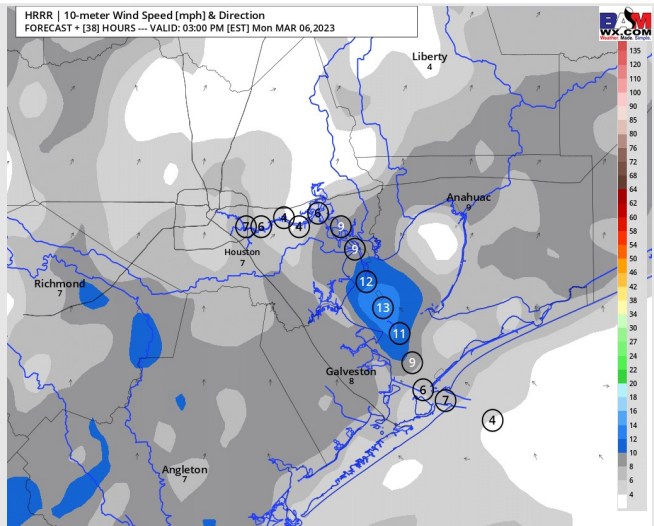
**Temps:** Much above average temperatures will be in the low to mid 80s F north of Morgan’s Point and in the mid to upper 70s south of Morgan’s Point. The boarding station will be in the lower 70s F.

**Visibility:** Low-end risk of very isolated patchy fog mixed with spotty showers through Monday AM into the afternoon. (See visibility text slide for more details)

## Precip Forecast: 3 PM CT



Wind Speed  
2 PM CT



High Temps  
Today

## Forecast Discussion

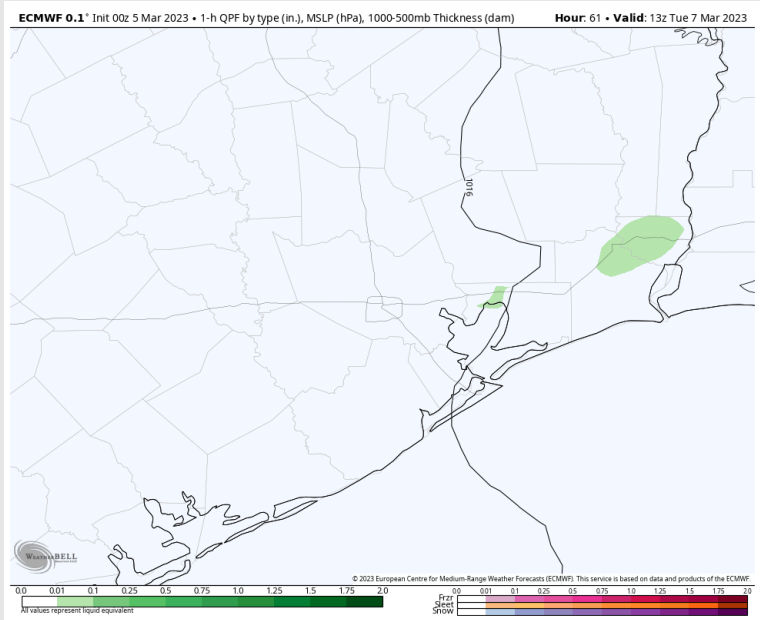
**Precip:** A weak boundary will sit over the region on Tuesday, with very low end shower chances creeping into the picture (10%) from 6 AM – 1 PM. Expect a mainly dry day Tuesday.

**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.

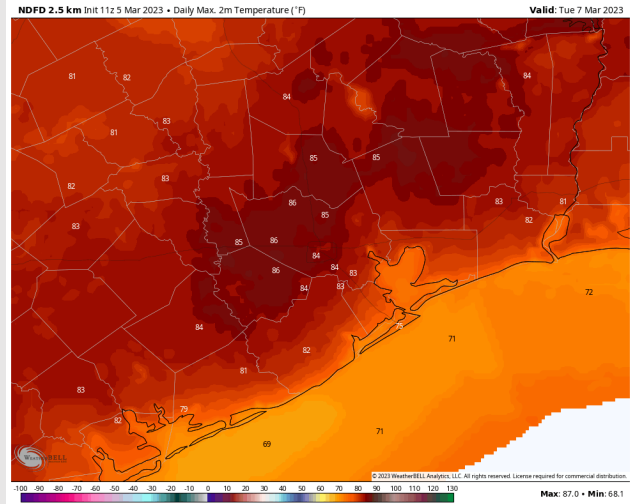
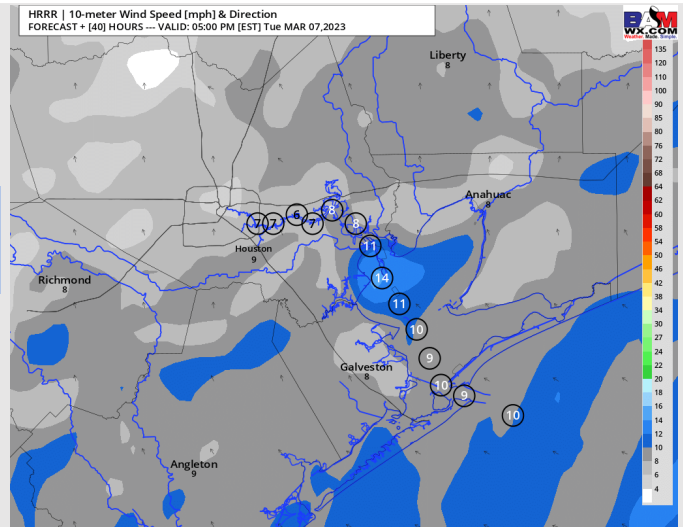
**Temps:** Much above normal temperatures will continue for Tuesday, with highs in the mid 80s F north of Morgan’s Point and in the mid to lower 70s F south of Morgan’s Point.

**Visibility:** Sea fog will again be a risk Monday night into Tue AM, and in the nighttime hours Tue.

## Precip Forecast: 7 AM CT



Wind Speed  
4 PM CT



Low Temps  
Sunday AM



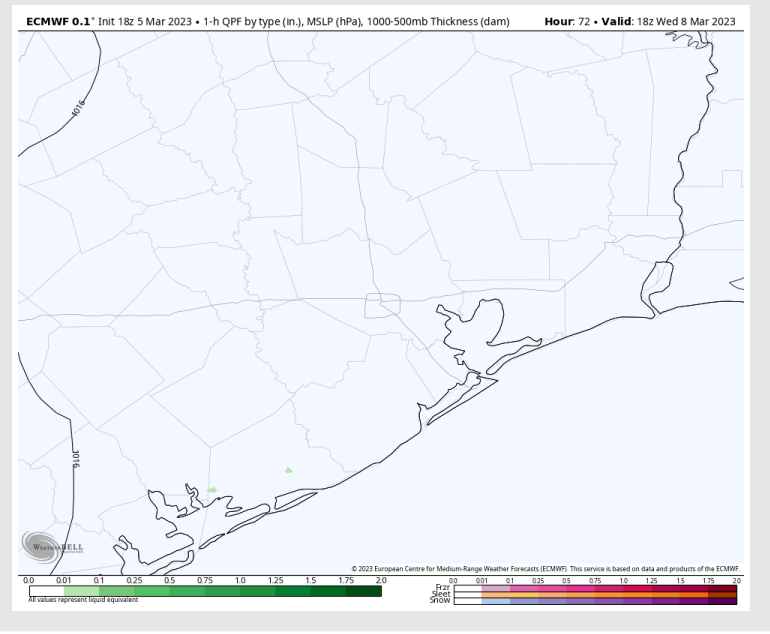
# Houston Pilots: Wed. 3/8/2023



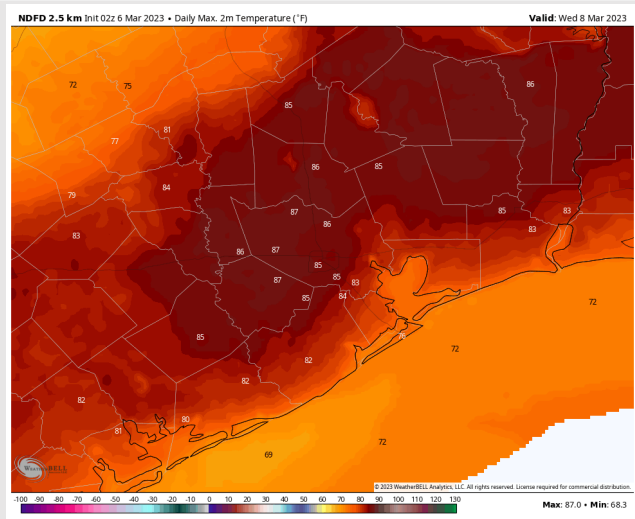
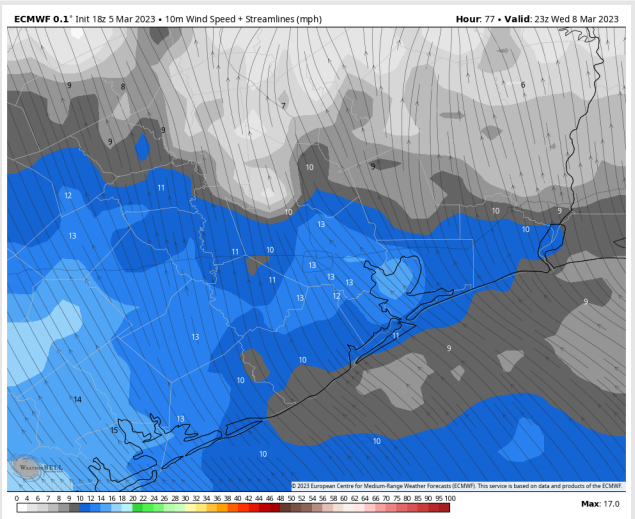
## Forecast Discussion

- 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 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

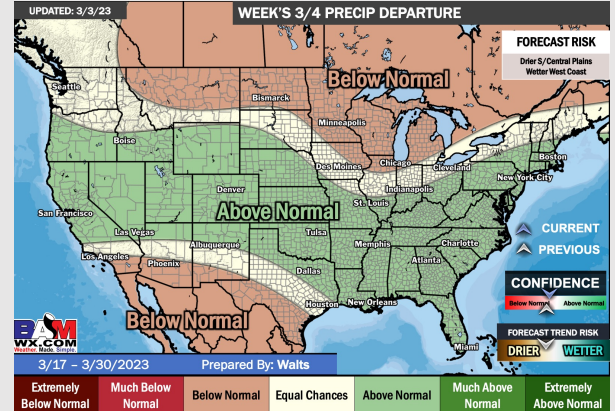
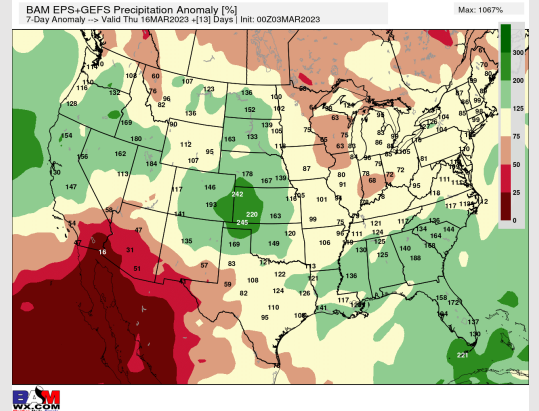
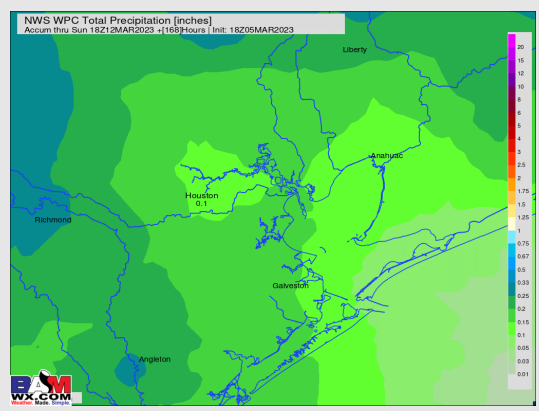
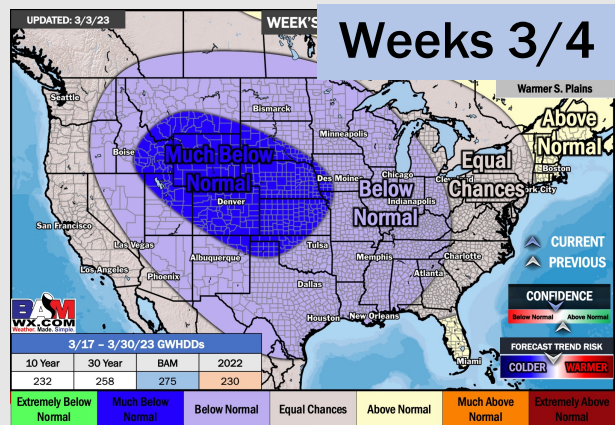
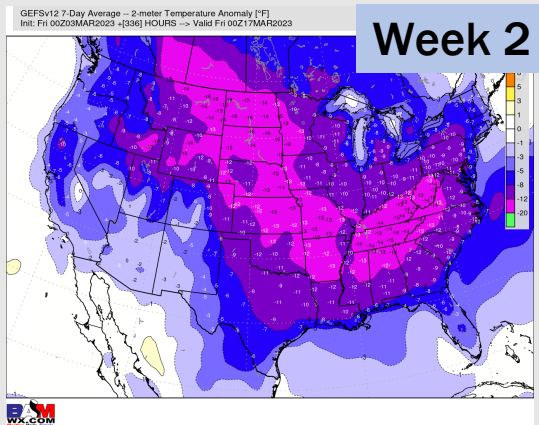
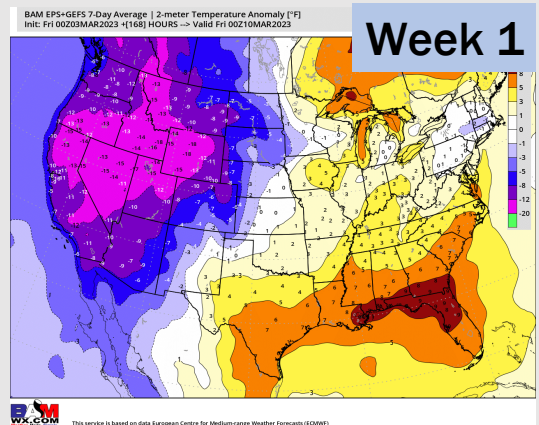


Wind Speed  
5 PM CT



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.