

# Houston Pilots Forecast Package

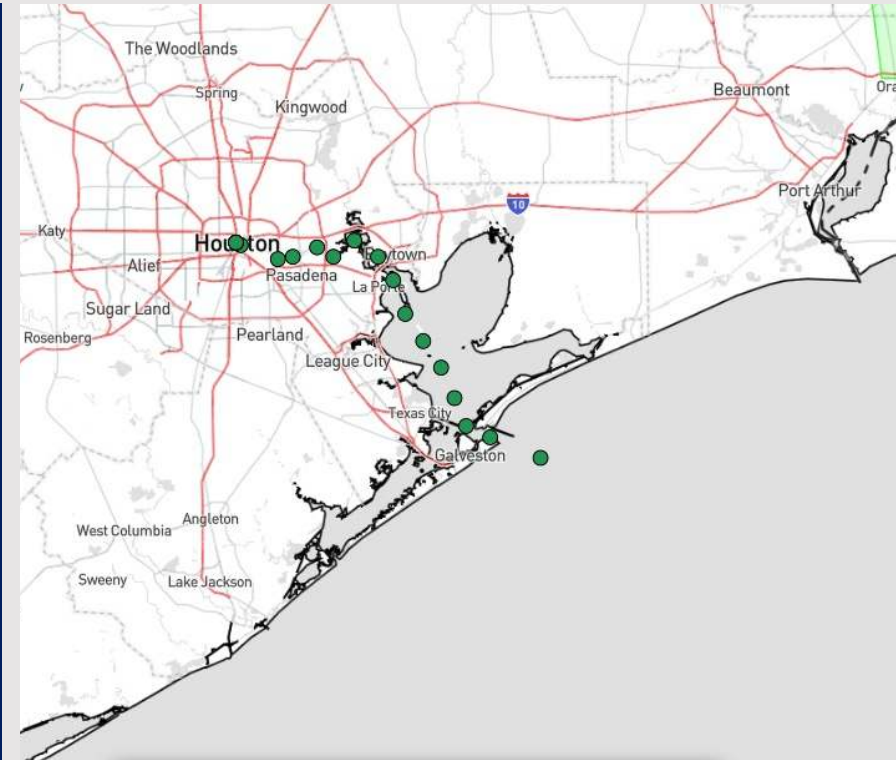


Updated: 6:30 AM CT  
Monday, March 4, 2024

Forecaster: Alyssa Elliott

## Weather Headlines

- Scattered rain chances return to start the week. **Localized stronger storms possible**
- Winds generally calm for Station's N of Morgan's Point today with some slightly elevated gusts in the AM. Winds slightly elevated out of the SE for Stations S of Morgan's Point.
- **Sea fog risks will remain in play through mid week. See slides below for additional information.**



**Radar/NWS Alerts: 12:00 AM CT**

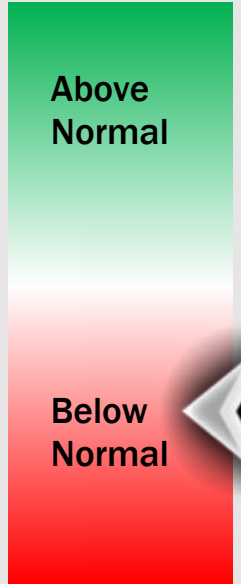
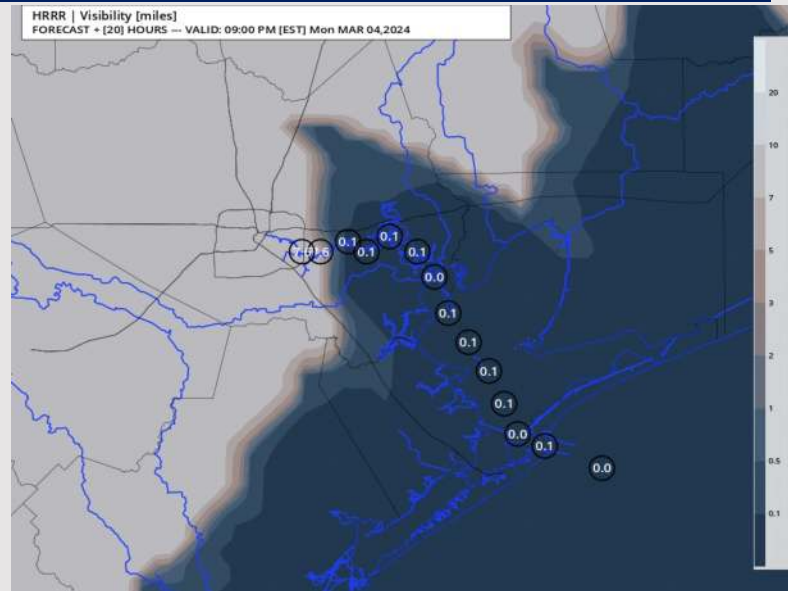
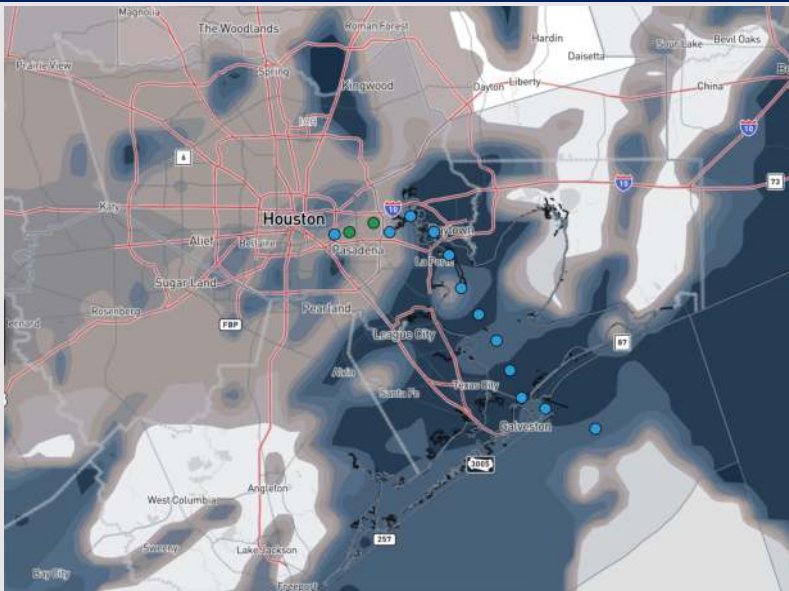


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## CURRENT VIS. as of 6:50 AM CT      8 PM CT MON VISIBILITY      Confidence



TIMEFRAME DISCUSSED	THREAT
Current – 10 AM TUE	MED - HIGH

- Widespread, dense fog is expected to be a continued risk across the Galv. Bay / Houston Metro region throughout today and tomorrow. Scattered showers and storms will bring opportunities to break this fog up, causing it to be patchier in nature at times, however the threat may not completely exit until late Fri / early Sat when the winds shift out of the NNW.
- Light winds out of the ESE are helping to bring in dense sea fog, reducing visibilities to 0.75 mile or less for all stations. It isn't until closer to 10 – 11 AM, possibly due to some showers and storms mixing in, we see this widespread fog become more patchy for stations N of Morgan's Point, with visibilities at 1 – 2 miles. S of Morgan's Point the widespread to at times patchy risk will continue with visibilities at less than 1 mile.
- Around 7 – 8 PM, the fog threat will begin to become more dense over Galv. Bay and the Boarding Station, reducing visibility to 0.5 mile or less. Stations N of Morgan's Point will gradually see fog creep back in from S to N, becoming widespread of these stations by 10 PM. Fog will remain widespread and dense through the overnight, becoming patchier once again for stations N of 11/12 by 10 AM Tuesday.
- Lower confidence remains, but overall, at this time we are not seeing a guaranteed time slot for clear visibility today.

# Houston Pilots Extended Range Visibility Report



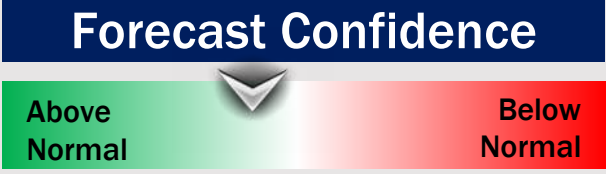
## Thursday 3/7/24

Winds expected to remain calmer and out of the SE, making for favorable conditions for sea fog formation in the AM.



## Friday 3/8/24

Not favoring a fog risk for Friday.



## Saturday 3/9/24

Calm winds after Friday rains can allow for fog formation SAT AM. .



## Chance for Fog

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

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	Mon 12am	Mon 1am	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
610 Bridge	1	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2	2	7	10	10	10	10	10	10	10	6	5	4	4
Kinder 1	1	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2	2	4	10	10	10	10	10	10	9	6	5	4	3
Greens Bayou	0.3	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2	2	3	10	10	10	10	10	10	9	6	5	4	3
Shell Crude	0.3	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2	2	2	10	10	10	10	10	10	9	6	4	4	3
Lynchburg Ferries	0.3	1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	2	3	2	3	4	4	4	5	4	3	2	2	0.7
Exxon 3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	2	2	1	2	3	3	3	4	4	3	2	2	0.7
Morgans Point	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.8	1	1	1	1	2	2	3	0.7	0.7	2	0.7	0.5
75/76	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.3	0.3	0.5	0.5	1	6	8	8	5	2	0.7	0.2	0.2	0.2	0.2
63/64	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.3	0.3	0.5	0.5	1	4	5	5	2	1	0.7	0.2	0.2	0.2	0.2
51/52	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.3	0.3	0.3	0.5	1	0.7	1	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
37/38	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.3	0.3	0.3	0.5	1	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2
25/26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.3	0.3	0.3	0.5	1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
11/12	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.3	0.3	0.3	0.5	0.8	0.2	0.1	0.2	0.2	0.2	0.2	0	0.2	0	0
1 & 2 Bravo	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.3	0.3	0.3	0.5	0.8	0.2	0.1	0.2	0.2	0.2	0.2	0	0.2	0	0

**NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only**



# Houston Pilots: Mon. 3/4/2024



## Forecast Discussion

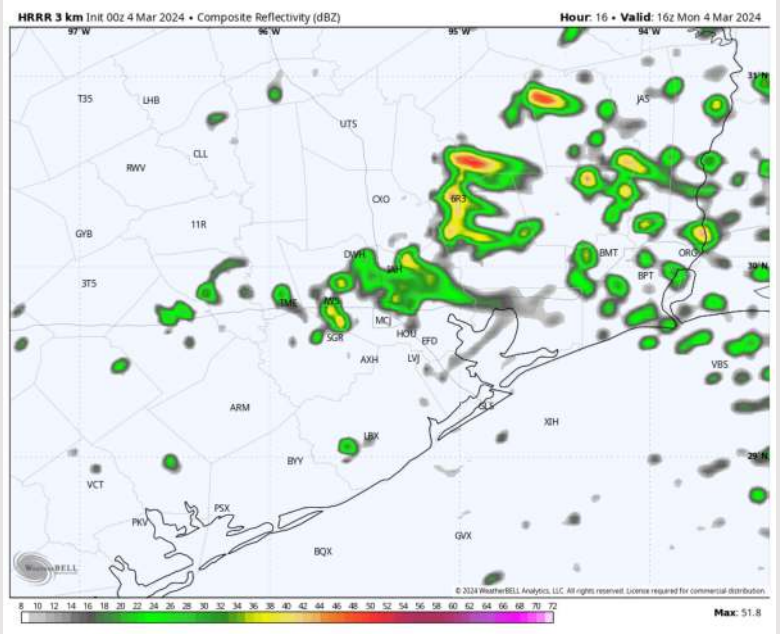
**Precip:** Hit/miss pockets of light showers (10%) will be in play through much of the AM before coverage begins increasing at 10 AM. Scattered showers (30-40%) will then decrease in coverage again after 4 PM to be hit/miss again. Heavier showers and storms associated with a passing front will be in play after 10 PM. Lightning and small hail cannot be ruled out with these storms.

**Wind:** Winds will be out of the S/SE throughout the day. **N Morgan's Point:** 3-8 kts throughout the day. **S of Morgan's Point:** Winds will remain at 7-12 kts throughout the day. **Wind gusts of 8 – 13 will be possible for stations N of Morgan's Point after 9 AM.**

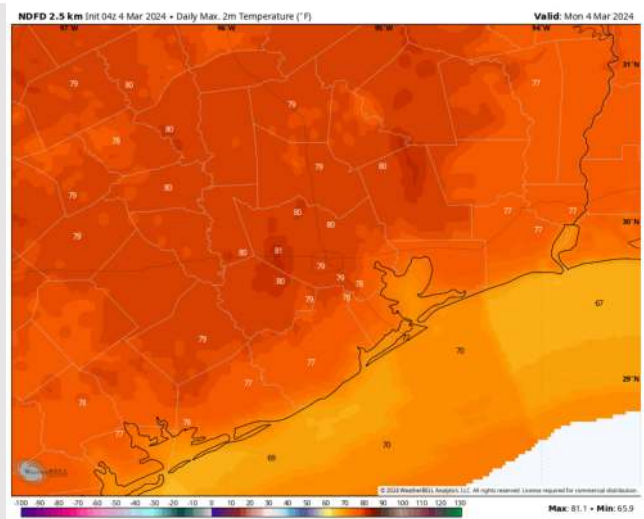
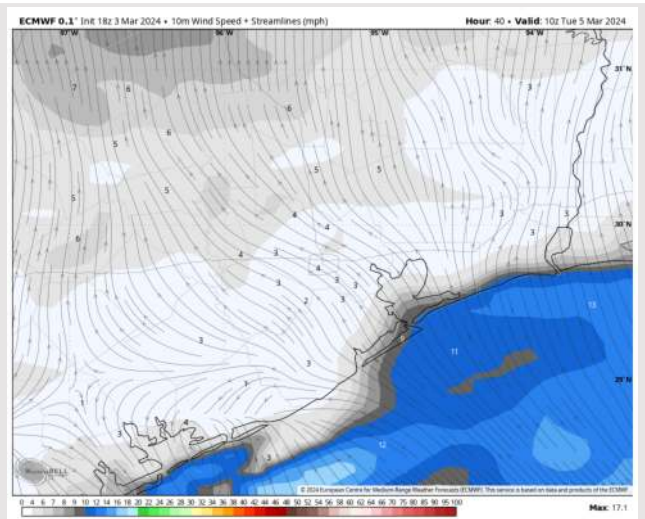
**High Temps:** **N of Morgan's Point:** Low 80's **F. S of Morgan's Point:** Upper 60s-Low 70s **F.**

**Visibility:** Patchier risk can develop for the Boarding Station prior to 10 AM. Confidence remains low. See visibility slide for more information.

## Precip Image: 10 AM CT



**Wind Speed:  
4 AM CT**



**High Temps  
Today**

# Houston Pilots: Tue. 3/5/2024



## Forecast Discussion

**Precip:** An advancing front will bring showers and storms through 9 AM. Main risks with storms will be lightning and small hail. Scattered showers will then continue through 5 PM.

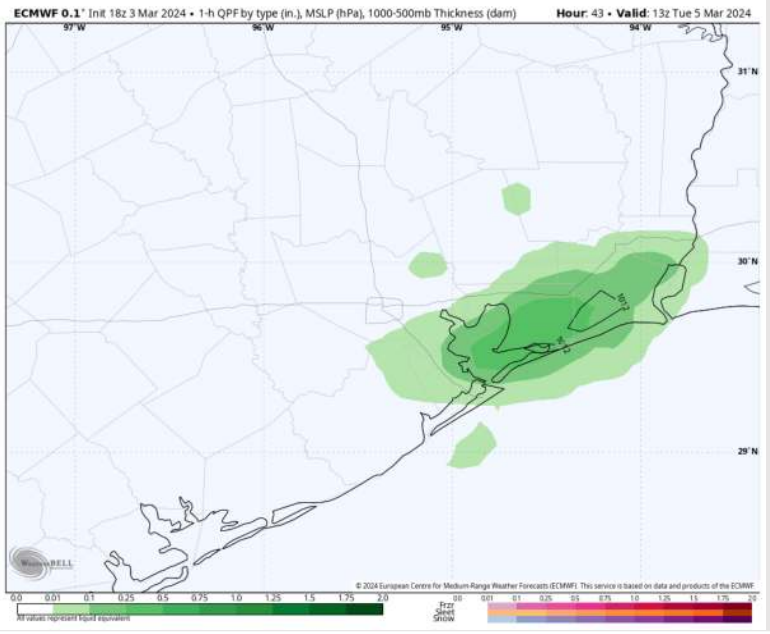
**Wind:** Winds will be variable through much of the day, settling out of the SW by 7 PM.

**N of Morgan's Point:** Winds at 3 – 7 kts throughout Tuesday. **S of Morgan's Point:** Winds slightly elevated at 7-12 kts through 4 AM with the passing front, but will calm to 4-8 kts thereafter. **With the passage of the front wind gusts of 20 – 25 kts will be possible between 4AM – 9AM. Thunderstorm wind gust of 40 – 45 MPH may be possible.**

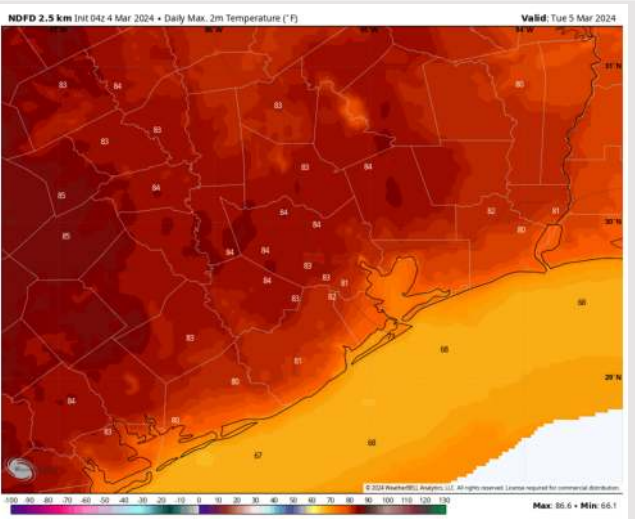
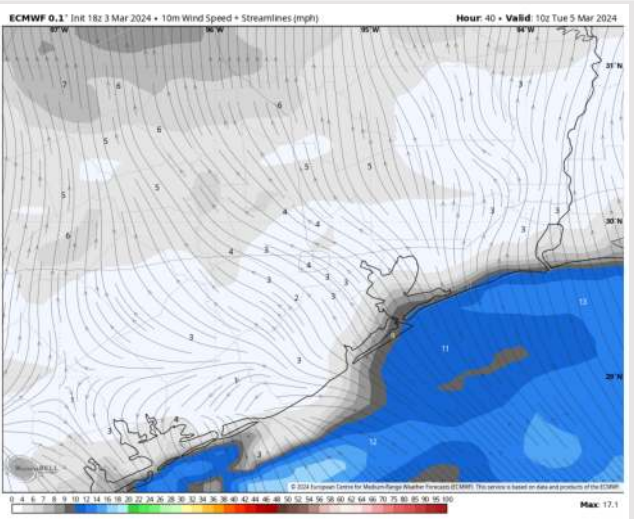
**High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Low 70s-Upper 60s F.

**Visibility:** Calmer winds out of the SW will provide somewhat favorable conditions for sea fog formation in the bay after 7 PM. Lower confidence currently exists on exact timing of fog formation, however.

## Precip Image: 7 AM CT



Wind Speed:  
4 AM CT



High Temps  
Tuesday

## Forecast Discussion

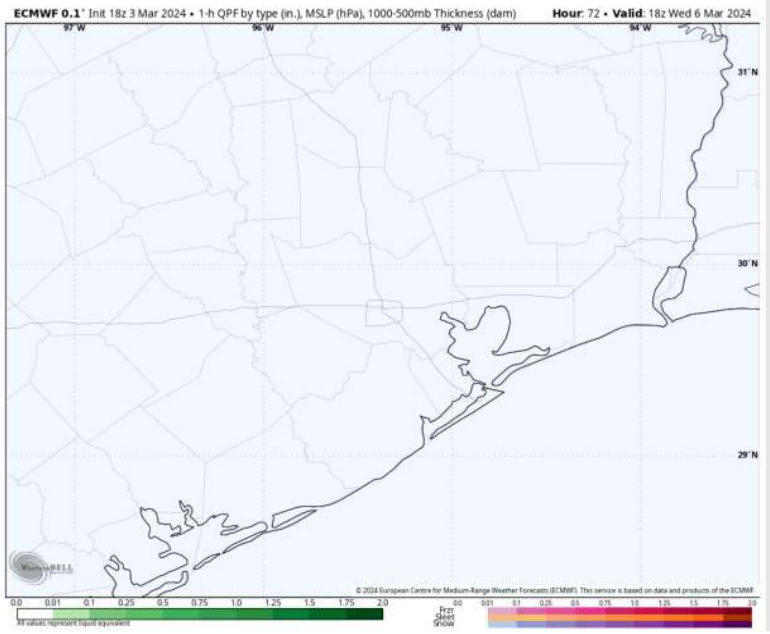
**Precip:** Dry conditions favored for Wednesday.

**Wind:** Winds out of the SW initially will become variable by 3 AM, then settle out of the S/SE by 4 PM. **N Morgan's Point:** 2-7kts throughout the day. **S of Morgan's Point:** Winds at 4 - 9 kts throughout the day.

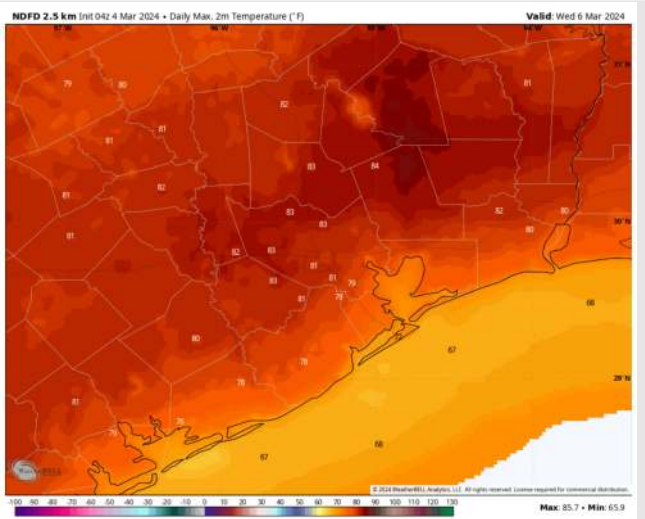
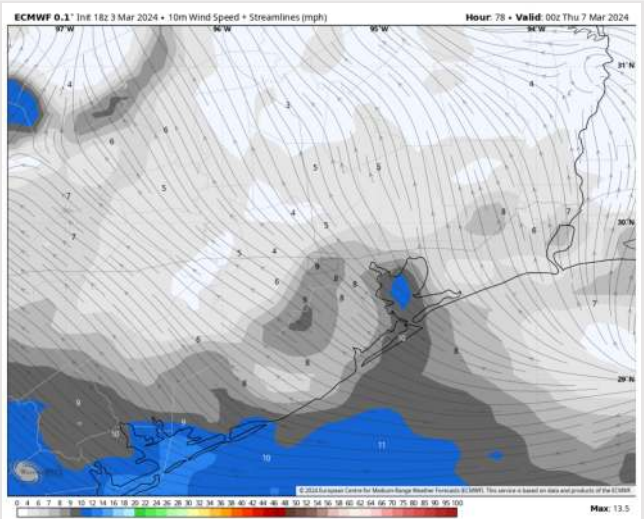
**High Temps:** **N of Morgan's Point:** Upper 70s-Low 80s F. **S of Morgan's Point:** Upper 60s-Low 70s F.

**Visibility:** Lower confidence at this time, but calm wind out of the SW WED AM can make adequate conditions for sea fog formation.

## Precip Image: 12 PM CT



Wind Speed:  
6 PM CT



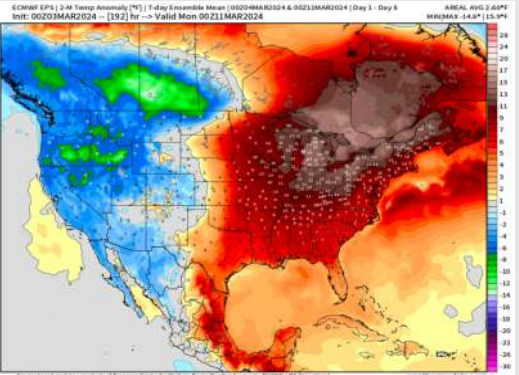
High Temps  
Wednesday



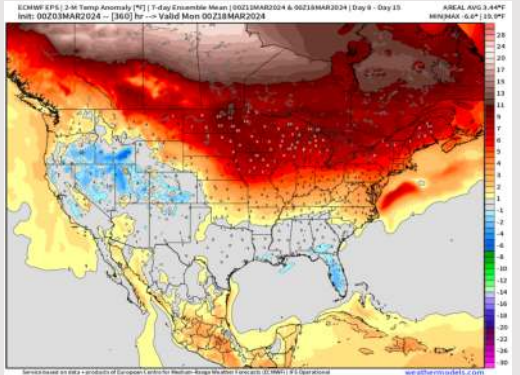
# Houston Pilots: 3/4/24



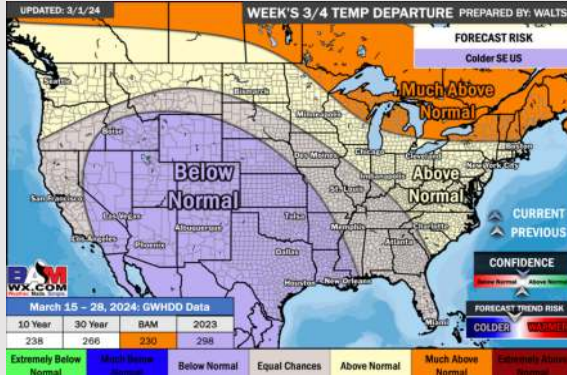
**Next 7 Day Temperature Departure**



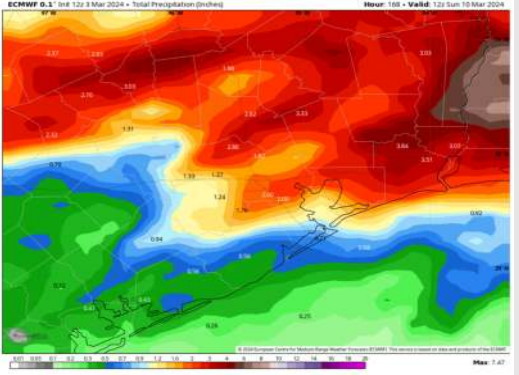
**8-14 Day Temperature Departure**



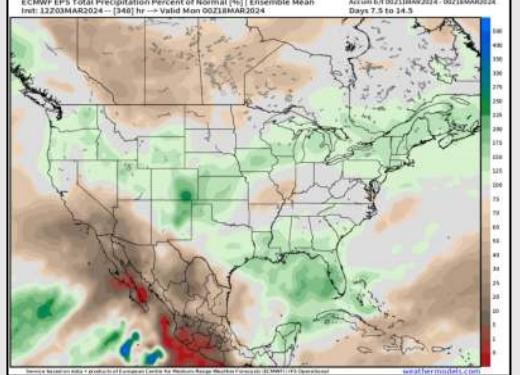
**15-30 Day Temperature Departure**



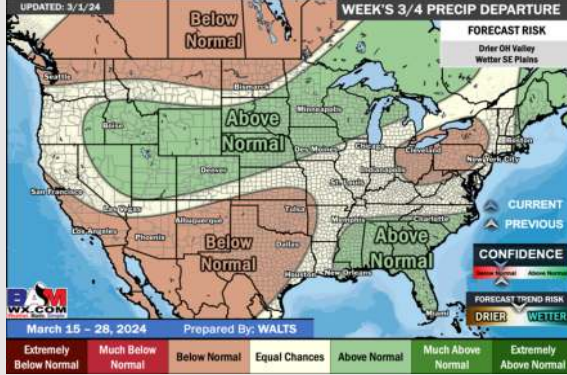
**Next 7 Day Total Precipitation**



**8-14 Day % of Average Precip.**



**15-30 Day % of Average Precip.**



- Scattered rain chances return today. Above normal temperatures favored for the week ahead.
- Above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be seasonable.
- Below normal temperatures and seasonable chances for precipitation are favored in the weeks 3/4 timeframe.