

Houston Pilots Forecast Package



Updated: 7:20 AM CT

Tuesday, March 5, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Scattered rain chances will be possible into the AM. **Localized stronger storms cannot be ruled out.**
- Winds will be generally calm over the next few days outside of under a stronger cell this AM (better risk N of Stations)
- **Sea fog risks will remain in play through late week. See slides below for additional information.**



Radar/NWS Alerts: 12:00 AM CT

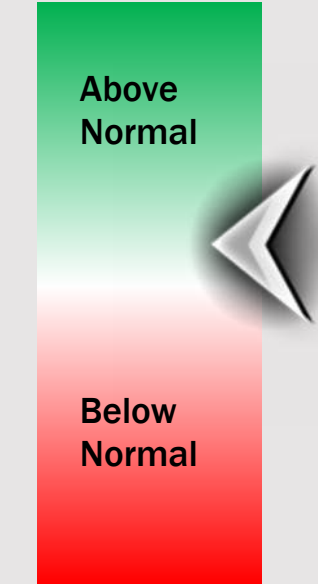
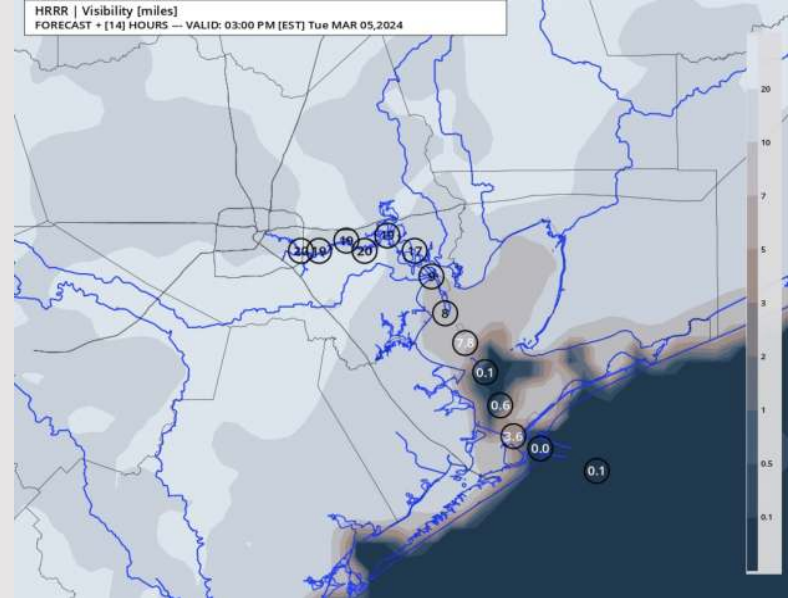


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



CURRENT VIS. as of 7:20 AM CT 2 PM CT TUE VISIBILITY Confidence



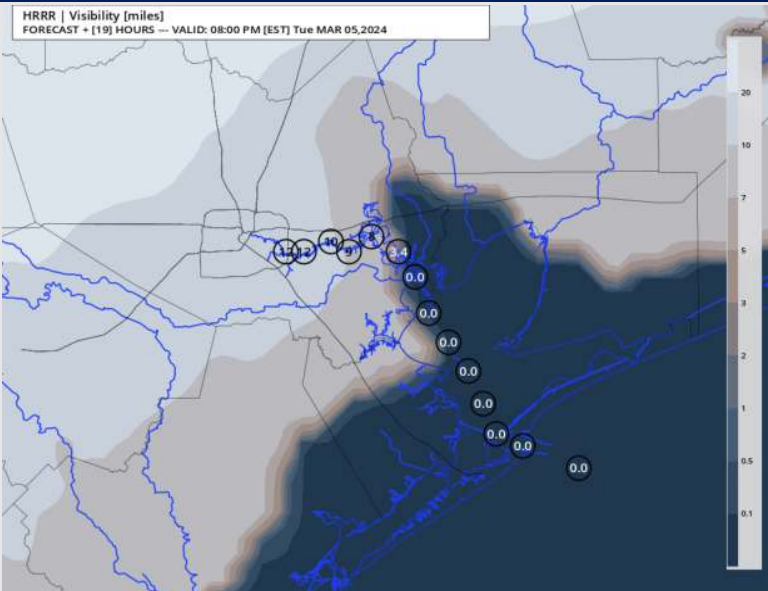
TIMEFRAME DISCUSSED	THREAT
Current – 6 PM TUE	Medium

- Dense / patchy dense fog is expected to be a continued risk across the Galv. Bay / Houston Metro region today and tomorrow. The threat may not completely exit until FRI when the winds shift out of the NNW.
- Light winds out of the ESE are keeping patchy to widespread dense sea fog around, reducing visibilities to 0.75 mile or less for stations S of Morgan's Point. Stations N. of Morgan's Point are seeing patchy fog / hazy conditions with visibilities dropping to 1 – 3 miles at times. Fog will only continue to become more patchy through 11 AM today for stations N of Station 11/12. **Between 11 AM – 2 PM, visibility may improve to 1 – 3 miles for these stations with isolated instances of dropping below 1 mile, however visibility at the Boarding Station expected to stay at less than 1 mile throughout the day.**
- Right around 2 – 3 PM CT, widespread sea fog with visibility of 0.75 miles or less will once again begin to creep N, pushing into Morgan's Point by 6 PM CT where dense fog will then continue into the overnight, impacting all stations.

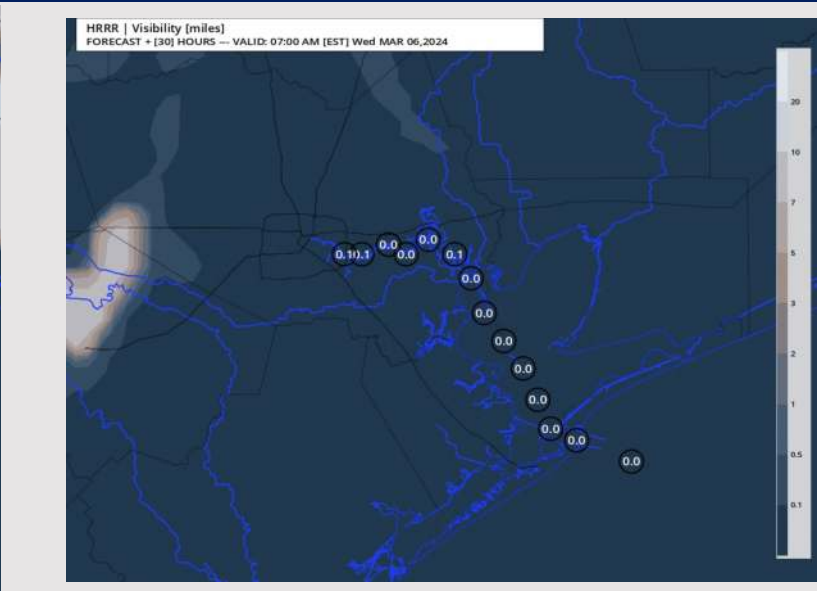
Houston Pilots Visibility Report



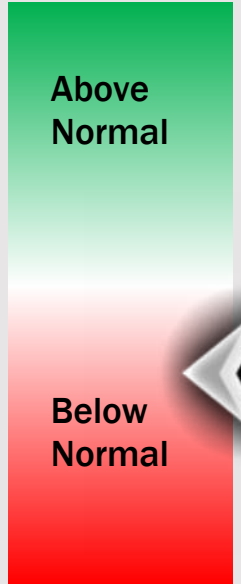
7 PM CT TUE VISIBILITY



6 AM CT WED VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
6 PM TUE - 6 PM WED	HIGH

- After 6 PM, widespread dense fog with reduced visibilities of 0.5 mile or less will progress Northward from Morgan’s Point to Bridge 610. Lower confidence on exact timing but current favored progression would have dense fog at all stations by 12 AM-CT with this widespread, dense threat continuing until 9 AM CT Wednesday.
- This dense fog will begin to retreat after 9 AM, and break up to become patchier in nature by 1 PM CT, where visibility will be at 3 – 5 miles N of Morgan’s Point and 1 – 3 miles between Morgan’s Point and Station 25/26. Station 11/12 and the Boarding Station will continue to see visibility of less than 0.5 mile in a patchy fashion.
- Patchy dense sea fog will once again progress N, impacting stations N of Station 25/26 after 5 – 6 PM CT, where the fog threat will continue for the evening.

Houston Pilots Extended Range Visibility Report



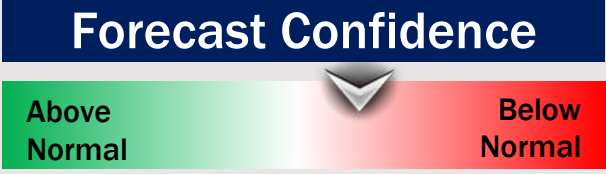
Friday 3/8/24

Not favoring a fog risk for Friday.



Saturday 3/9/24

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



Sunday 3/10/24

Fog not favored for Sunday with Northerly winds.



Chance for Fog

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

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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



Forecast Confidence



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	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
610 Bridge	3	3	4	2	2	3	3	3	3	4	4	4	4	4	5	5	4	3	4	4	4	4	4	4
Kinder 1	7	6	4	4	4	5	5	4	5	7	7	8	8	8	10	11	10	8	7	8	8	8	9	9
Greens Bayou	3	3	3	2	2	3	3	3	3	4	4	4	4	4	5	5	4	3	4	4	4	5	4	4
Shell Crude	7	6	5	4	4	5	5	5	6	7	7	7	7	7	9	10	9	8	8	8	8	9	8	7
Lynchburg Ferries	3	3	3	3	2	2	3	2	3	3	3	3	4	4	5	5	4	4	4	4	4	4	3	3
Exxon 3	3	3	3	3	2	2	3	2	3	3	4	4	4	5	5	5	5	6	5	5	5	5	4	4
Morgans Point	4	3	3	2	2	3	3	3	3	3	3	4	4	4	5	5	6	6	6	5	5	5	4	3
75/76	10	8	7	4	4	4	5	4	6	7	8	8	10	10	12	12	13	14	15	13	13	10	10	9
63/64	7	5	5	3	2	2	3	3	4	3	4	4	5	5	5	6	8	9	9	9	8	7	6	6
51/52	5	4	5	4	2	2	2	3	4	3	4	4	5	5	5	5	7	9	9	8	7	6	5	5
37/38	5	4	6	3	2	2	2	3	4	4	4	4	5	5	5	6	7	9	8	8	7	6	6	5
25/26	4	4	5	3	3	2	3	3	3	3	4	4	5	5	5	7	8	8	7	6	5	5	4	4
11/12	4	4	4	5	3	2	3	3	3	3	3	3	4	5	5	5	7	6	6	5	5	4	4	3
1 & 2 Bravo	6	6	6	7	5	4	4	4	4	3	5	4	4	5	5	5	7	7	8	7	7	7	6	6

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Houston Pilots: Tue. 3/5/2024



Forecast Discussion

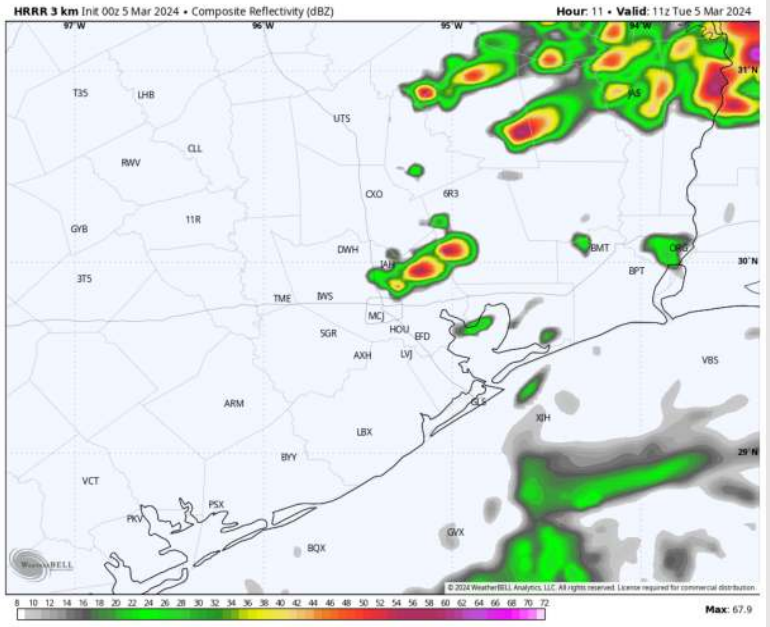
Precip: An advancing front will bring showers and storms through 7-8 AM. Main risks with storms will be lightning and small hail. Isolated showers (10-20%) will then continue through 6PM.

Wind: Winds will be variable through much of the day, settling out of the S/SE 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 through 7 AM. Although the risk is generally low, we cannot rule out thunderstorm induced wind gusts of 40 – 45 MPH to be possible (better risk N of Stations).**

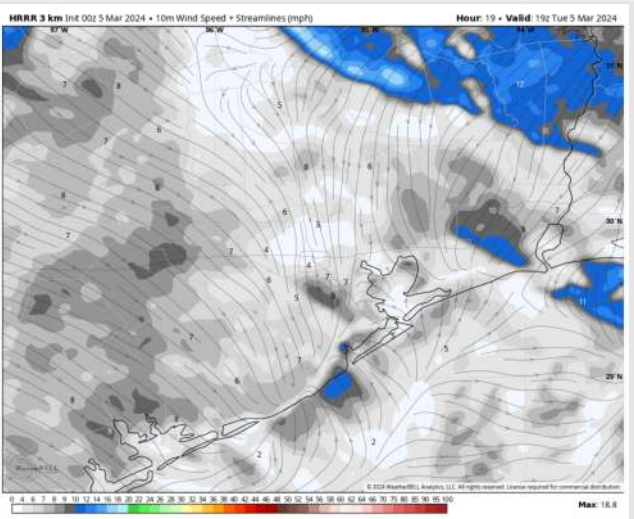
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Low 70s-Upper 60s F.

Visibility: Patchy to widespread dense fog will be a risk throughout the morning. Visibility will slightly improve moving into the early afternoon with the risk possibly becoming dense once again through this evening. **More details in visibility slide.**

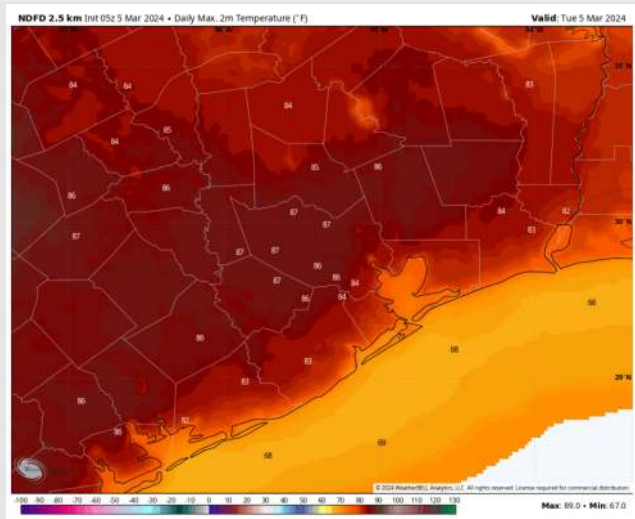
Precip Image: 5 AM CT



Wind Speed:
1 PM CT



High Temps
Today



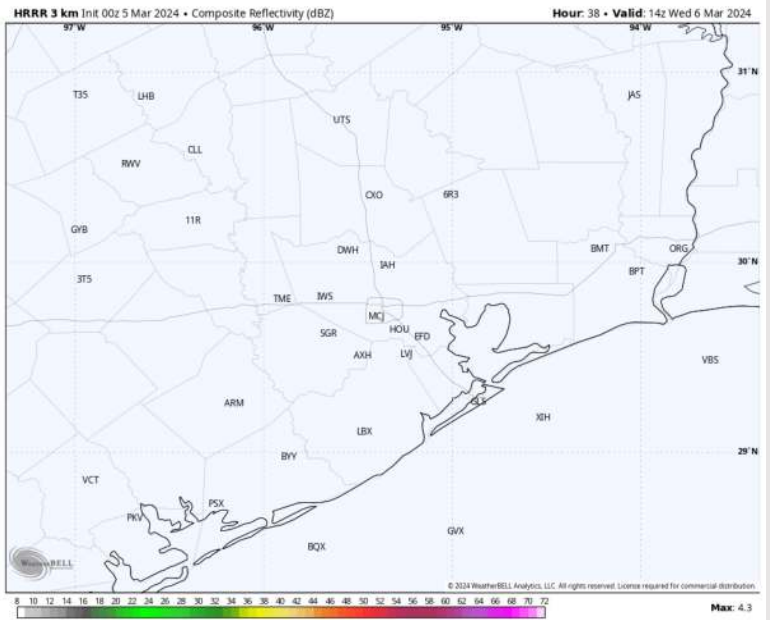
Houston Pilots: Wed. 3/6/2024



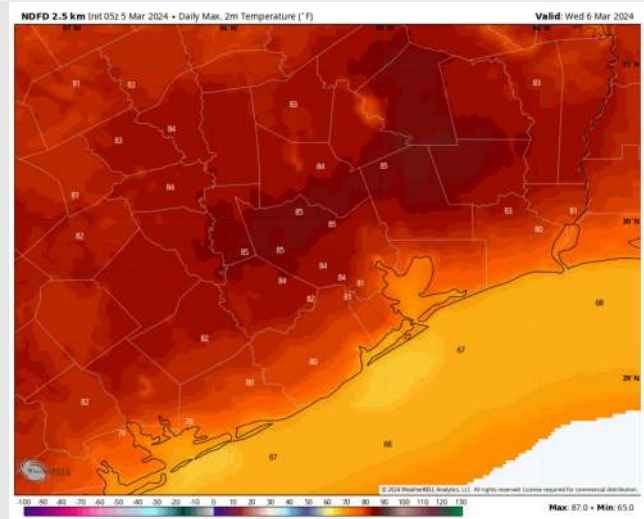
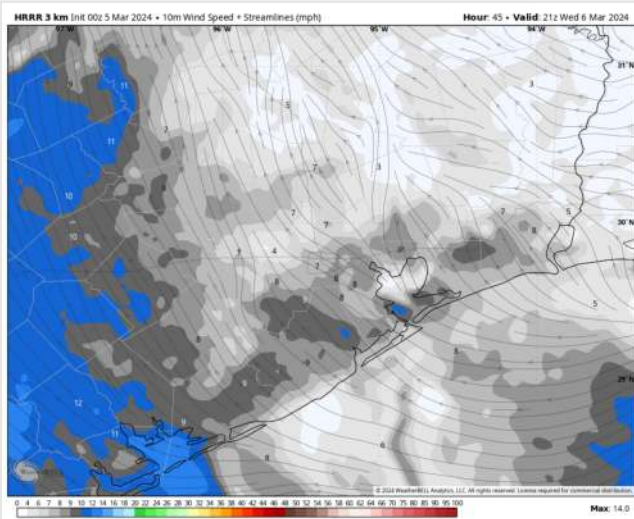
Forecast Discussion

- Precip:** Dry conditions favored for Wednesday.
- Wind:** Winds out of the S initially will become variable by 3 AM, then settle out of the S/SE by 2 PM. **N Morgan's Point:** 3-8 kts throughout the day. **S of Morgan's Point:** Winds at 4 - 9 kts through 7 PM before increasing slightly to 6-11 kts.
- High Temps:** **N of Morgan's Point:** 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 that can linger into the PM.

Precip Image: 8 AM CT



Wind Speed:
3 PM CT



High Temps
Wednesday

Houston Pilots: Thu. 3/7/2024



Forecast Discussion

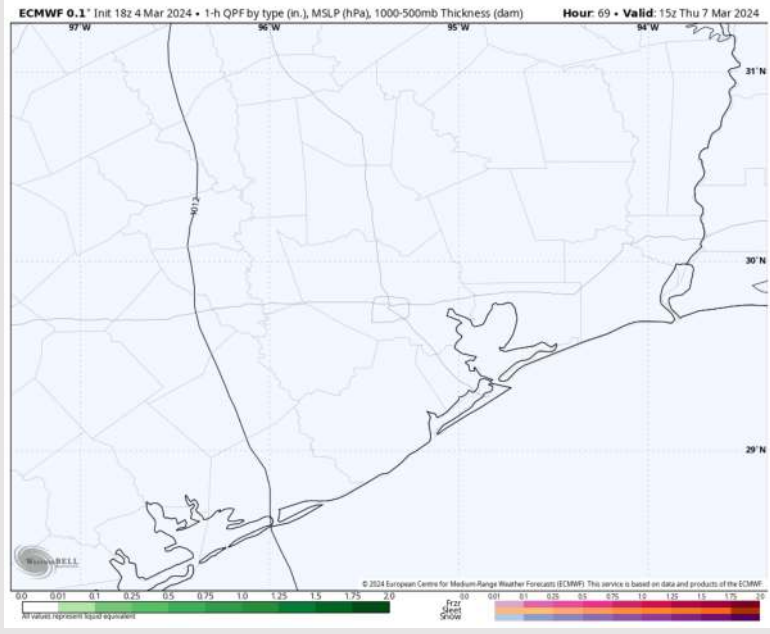
Precip: Dry conditions favored for Thursday

Wind: Winds will be out of the S/SE throughout the day. **N Morgan's Point:** 3-8 kts through 11 AM before increasing to 9-14 kts the rest of the day. **S of Morgan's Point:** Winds will be 9-14 kts throughout the entire day on Thursday.

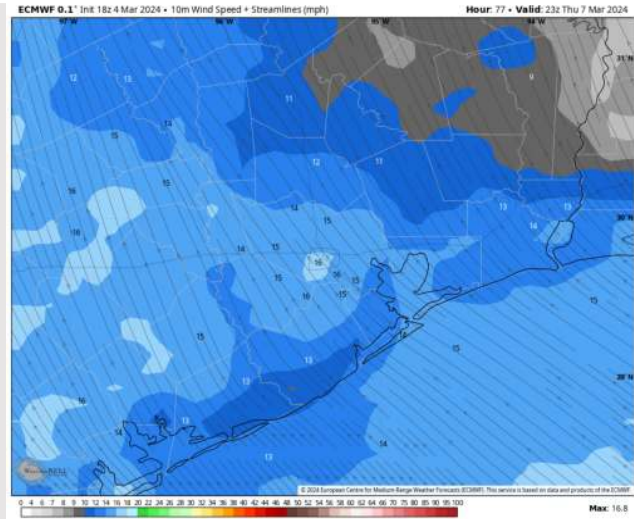
High Temps: **N of Morgan's Point:** Mid 70's F. **S of Morgan's Point:** Upper 60s F.

Visibility: Winds out of the S/SE will help make for favorable conditions for fog development THU AM before winds increase in speed. Lower confidence as to how widespread coverage will be THU AM.

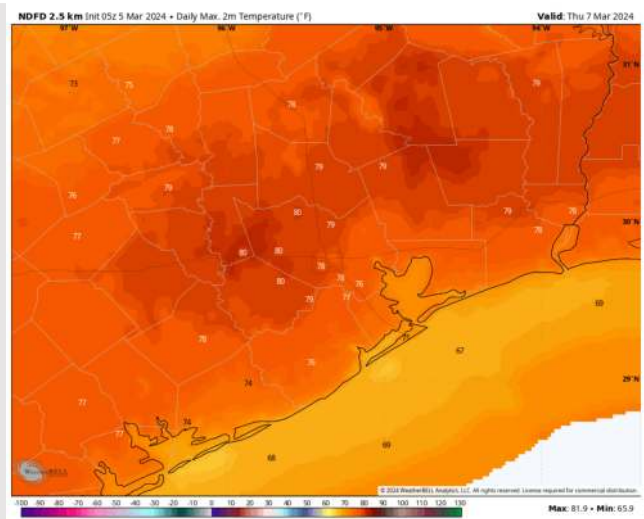
Precip Image: 9 AM CT



Wind Speed:
5 PM CT

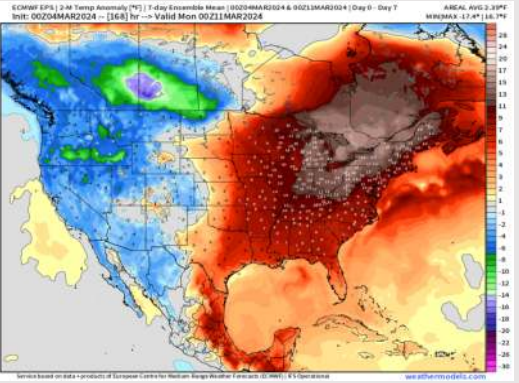


High Temps
Thursday

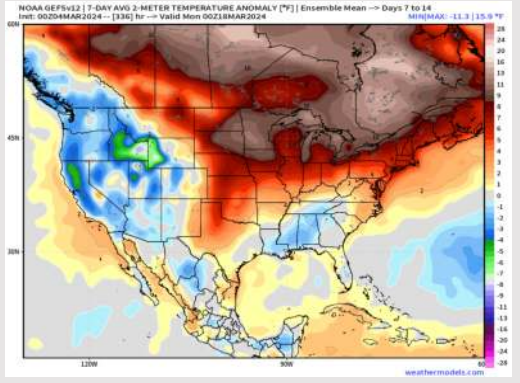


Houston Pilots: 3/5/24

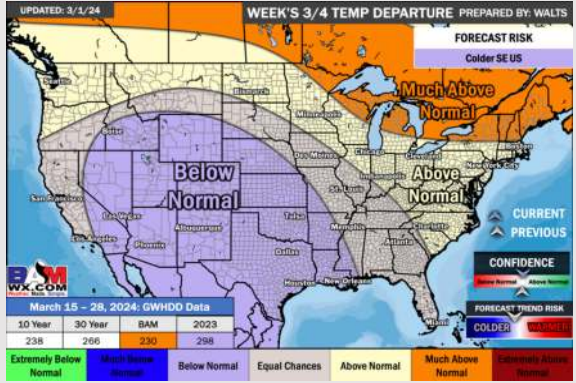
Next 7 Day Temperature Departure



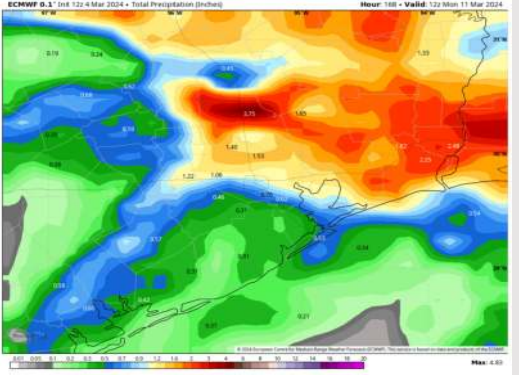
8-14 Day Temperature Departure



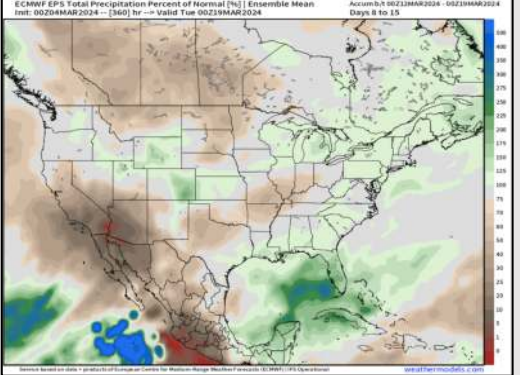
15-30 Day Temperature Departure



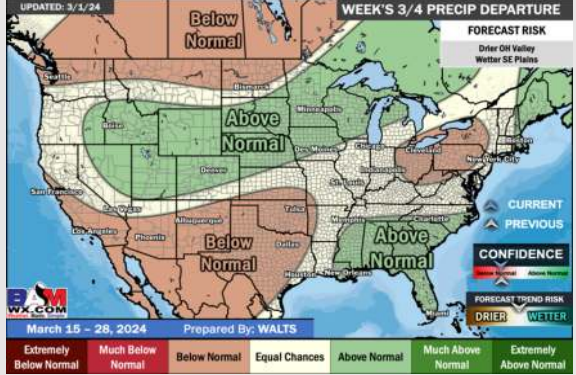
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



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