

Houston Pilots Forecast Package



Updated: 1:40 AM CT

Wednesday, March 6, 2024

Forecaster: John Kemper

Weather Headlines

- Favored mostly dry conditions to continue through early Friday morning before low end chances return.
- Winds will be generally calm through at least Friday morning / afternoon as the next system approaches.
- **Sea fog risks will remain in play through late week. See slides below for additional information.**



Radar/NWS Alerts: 1:30 AM CT



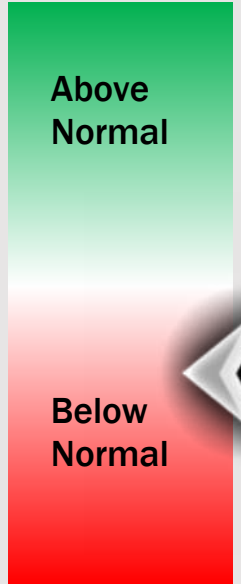
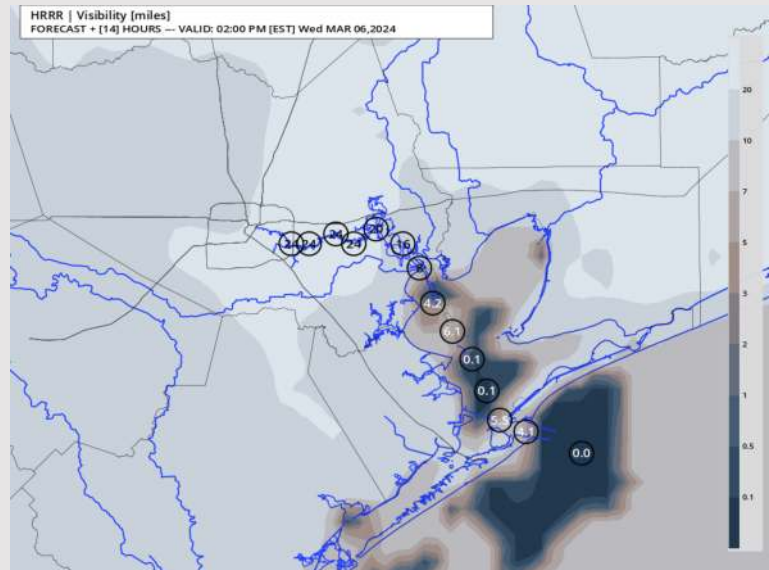
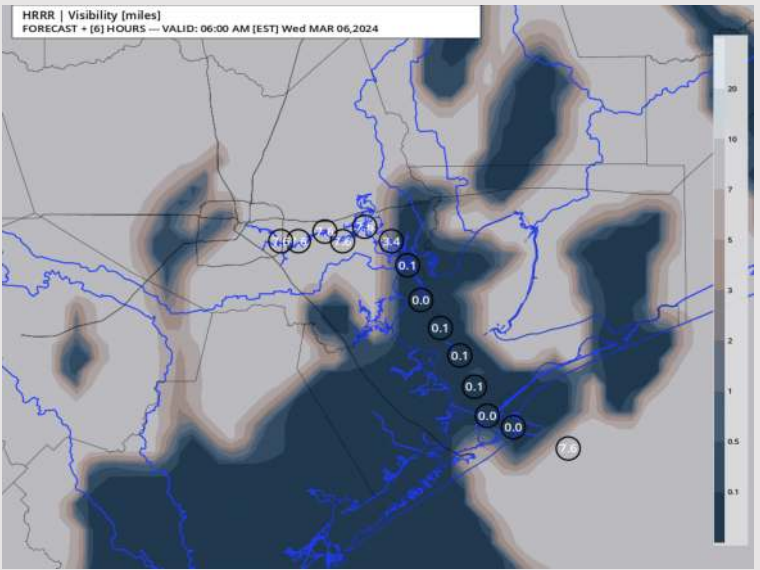
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Visibility Report



5 AM CT WED VISIBILITY 1 PM CT WED VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
Current - 7 PM WED	MED - HIGH

- Sea fog gradually beginning to fill in for all stations across the area. Widespread reduced visibilities of less than ½ mile will be possible, especially from 4AM through 10AM before fog becomes patchier.
- **North of Morgan's Point:** Patchy sea fog will continue to be possible through 6AM before becoming more widespread through 10AM. Confidence remains moderately high that visibilities of less than 2 miles are likely, but lower confidence on coverage of reduced visibility of less than ½ mile. This risk will be possible for these stations, but likely patchier in nature. No fog concerns favored currently beyond ~10AM until late Wednesday evening.
- **South of Morgan's Point:** Widespread sea fog has been more prominent just to the W of 11/12 and the Boarding station, but as winds slightly shift more out of the south, coverage is anticipated to increase. Fairly widespread coverage of sea fog is expected beyond 5AM with visibilities of less than ½ mile to be likely. Sea fog to become patchier beyond 10AM and through the afternoon for 11/12 and the Boarding Station, and reduced visibilities of 1 - 3 miles will be in play.

Houston Pilots Extended Range Visibility Report



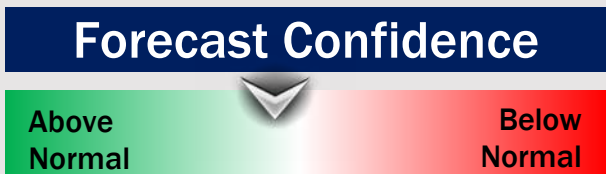
Saturday 3/9/24

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



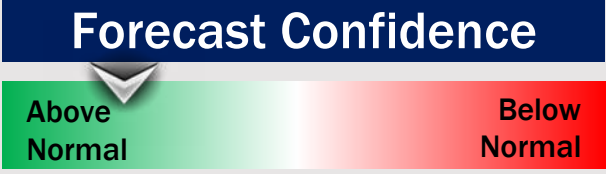
Monday 3/11/24

Fog not favored for Monday.



Sunday 3/10/24

Fog not favored for Sunday with Northerly winds.



Chance for Fog

Saturday AM	Possible
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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	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	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am
610 Bridge	3	2	1	1	2	2	1	1	2	3	3	4	5	6	7	7	7	7	6	5	5	5	5	5
	5	4	3	3	3	4	3	3	4	4	6	6	8	11	11	11	11	12	11	11	11	10	9	10
Kinder 1	3	2	1	1	1	2	1	1	2	3	3	4	5	6	7	7	7	7	6	5	5	5	5	5
	5	4	3	3	3	4	3	2	4	4	6	6	8	10	11	11	11	11	12	11	10	11	9	10
Greens Bayou	3	2	1	1	1	2	1	1	2	3	4	4	5	6	7	7	7	6	5	5	5	5	4	5
	6	4	4	3	3	4	3	3	4	4	6	7	8	11	11	11	11	11	10	10	10	9	9	10
Shell Crude	3	2	1	1	1	2	1	1	2	3	4	5	5	6	7	7	7	7	6	5	5	5	5	5
	6	4	3	3	3	4	3	3	4	4	5	7	8	10	11	11	11	11	11	10	10	10	10	9
Lynchburg Ferries	3	2	1	1	1	2	1	2	2	3	3	4	5	5	7	7	7	6	5	5	5	5	5	4
	5	4	3	2	3	4	3	4	4	4	5	6	8	11	12	11	11	12	11	9	9	9	9	9
Exxon 3	3	2	2	1	1	2	1	2	2	3	3	4	5	6	7	8	9	8	7	7	7	6	5	5
	5	4	4	3	3	4	3	4	4	5	6	8	9	12	13	12	12	13	11	11	10	10	9	10
Morgans Point	3	2	1	1	1	2	1	2	2	3	3	3	5	6	7	7	8	8	7	7	6	6	5	5
	5	4	3	3	4	4	4	4	4	5	6	7	9	11	12	11	12	12	10	10	9	10	9	9
75/76	3	2	1	2	3	3	3	3	3	3	4	5	5	7	9	10	11	11	10	9	9	9	8	8
	4	3	2	3	4	4	4	4	5	6	8	9	11	13	13	14	16	16	15	14	13	13	12	12
63/64	3	2	1	1	2	2	3	3	3	3	4	5	5	7	8	9	10	11	9	9	8	8	8	7
	4	3	2	2	3	4	4	5	4	6	8	9	11	12	13	13	15	15	14	13	12	12	12	11
51/52	3	1	1	1	1	1	2	3	3	3	4	5	6	6	8	8	9	9	9	8	7	7	7	7
	4	3	2	2	2	3	4	4	5	6	8	9	10	11	12	12	13	13	13	12	10	11	10	10
37/38	2	1	0	0	1	1	2	3	3	3	3	5	5	6	7	8	9	9	8	7	7	7	6	7
	4	2	2	1	2	3	4	5	6	6	7	9	9	10	12	11	12	13	12	11	10	10	9	10
25/26	2	1	1	0	1	1	2	3	3	3	4	5	5	7	7	8	8	8	7	7	7	6	6	6
	4	3	2	2	2	3	4	5	6	6	7	9	9	10	11	11	11	12	11	10	9	9	9	9
11/12	3	2	0	0	0	2	2	3	3	3	4	5	5	6	7	7	6	6	5	5	5	5	5	5
	5	4	2	3	3	4	4	5	5	6	7	9	8	9	10	11	9	9	9	9	9	9	9	9
1 & 2 Bravo	4	3	3	2	2	3	3	3	4	5	4	4	4	5	5	7	7	8	8	8	8	8	9	8
	6	6	5	4	4	5	6	6	7	8	7	8	8	9	10	11	10	12	12	12	12	12	13	12

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Forecast Discussion

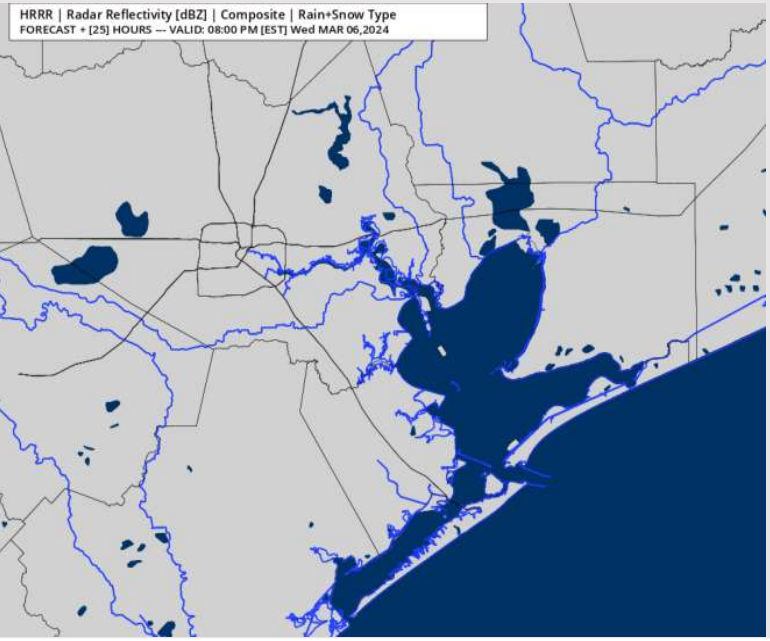
Precip: Dry conditions favored for today.

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:** 3-6 kts throughout the day, increasing to 5 – 8 kts by 4PM. **S of Morgan's Point:** Winds at 4 - 8 kts through 7 PM before increasing slightly to 6-11 kts.

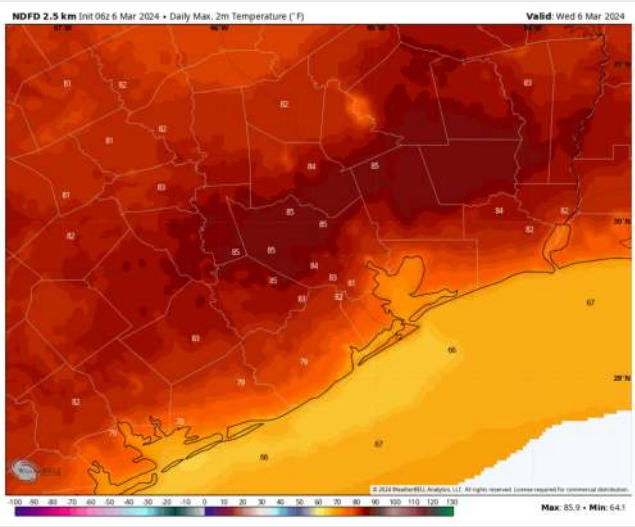
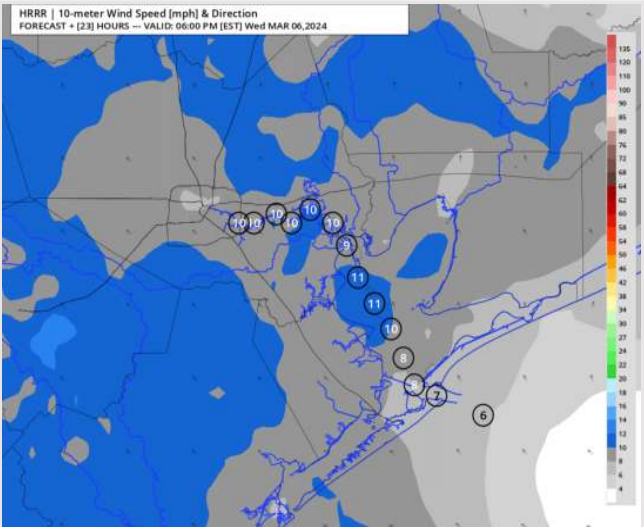
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 60s-Low 70s F.

Visibility: Sea fog is expected to continue throughout much of the day. See visibility slide for more info.

Precip Image: 7 PM CT



Wind Speed:
5 PM CT



High Temps
Today

Forecast Discussion

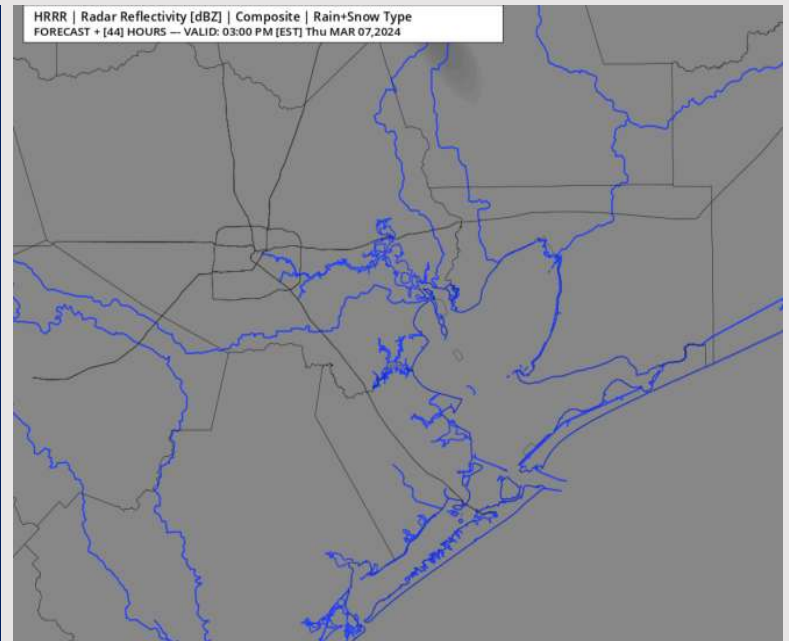
Precip: Dry conditions favored for Thursday. Will need to watch for earlier trends for showers/storms towards very end of evening.

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.

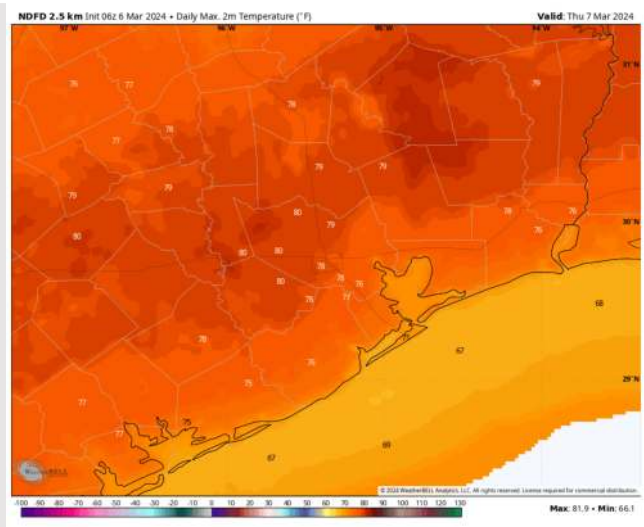
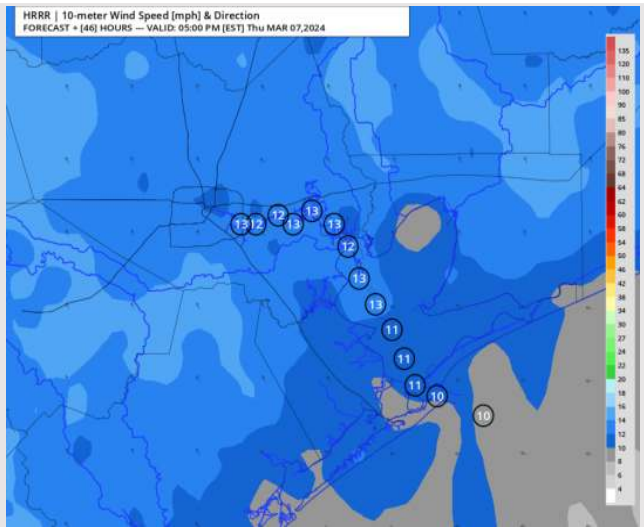
High Temps: **N of Morgan's Point:** Mid 70's F. **S of Morgan's Point:** Upper 60s F.

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 into early Thursday PM.

Precip Image: 2 PM CT



Wind Speed:
4 PM CT



High Temps
Thursday

Houston Pilots: Fri. 3/8/2024



Forecast Discussion

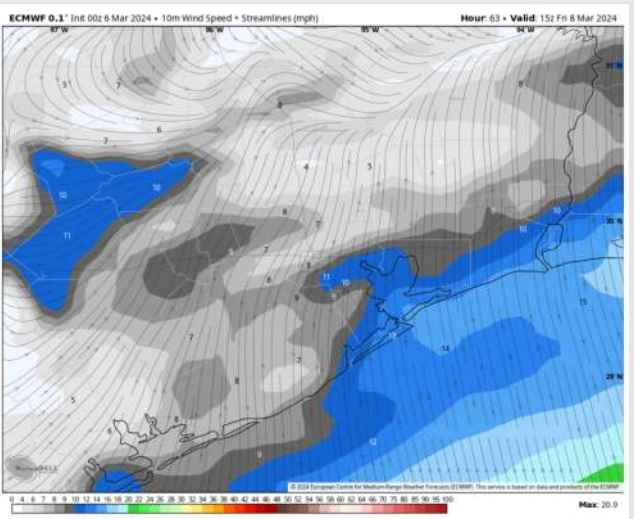
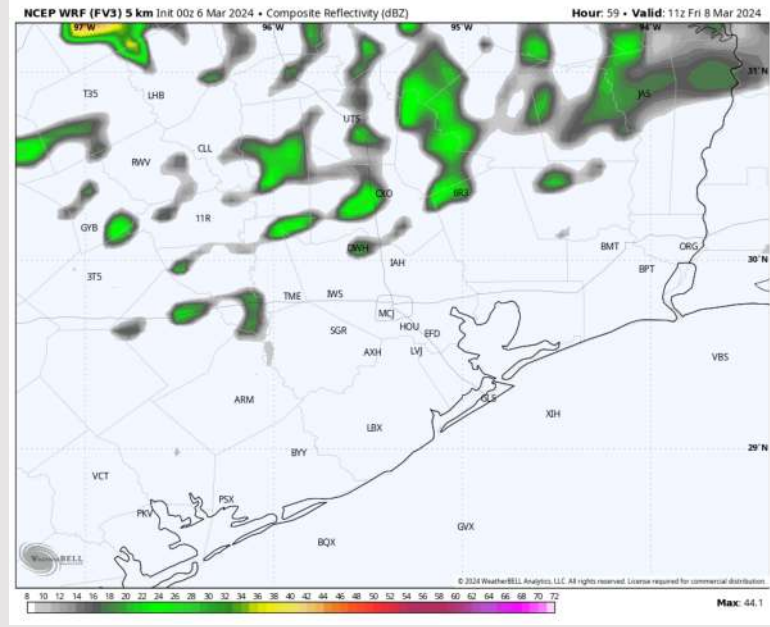
Precip: Need to watch for scattered shower / storm potential between 12AM – 9AM. Majority of coverage will remain to the north, but a few downpours can't be ruled out (20% chances).

Wind: Winds will begin out of the south before veering out of the SW/WSW. **N of Morgan's Point:** Winds at 7 – 12 kts through 6 PM before weakening to 3 – 8 kts. **S of Morgan's Point:** Winds at 10 – 15 kts will be likely throughout the day. **Gusts up to 25-30 kts cannot be ruled out through 9 AM due to isolated storm risk.**

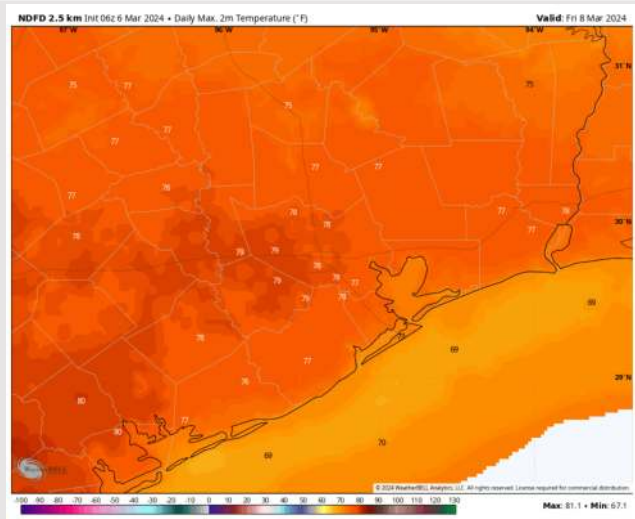
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 60's F.

Visibility: Not favoring fog concerns at this time given orientation of winds and incoming storm system.

Precip Image: 5 AM CT



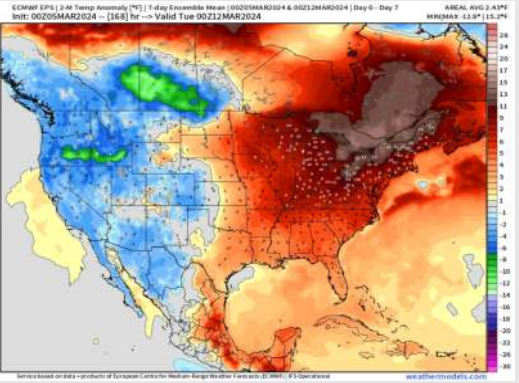
Wind Speed:
9 AM CT



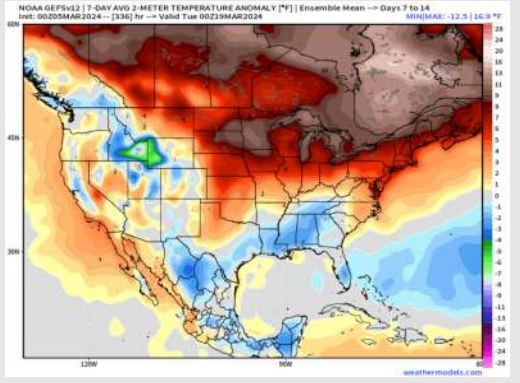
High Temps
Friday

Houston Pilots: 3/6/24

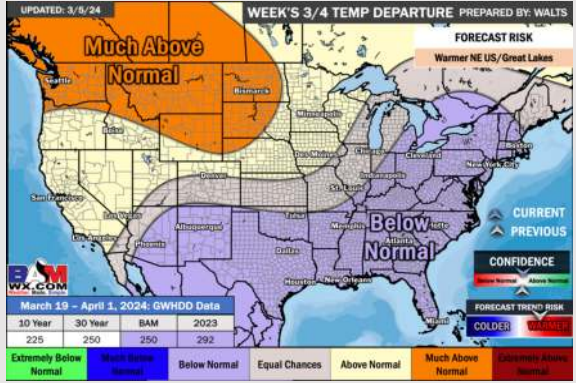
Next 7 Day Temperature Departure



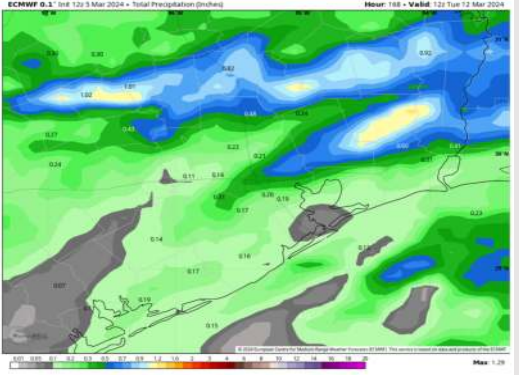
8-14 Day Temperature Departure



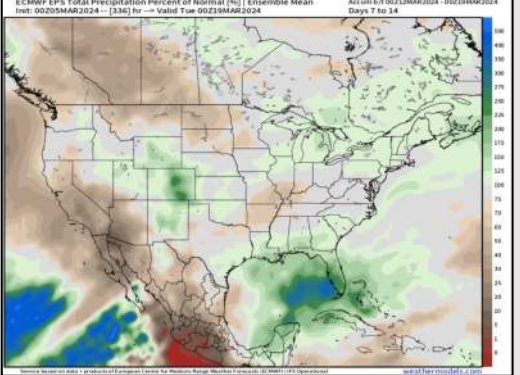
15-30 Day Temperature Departure



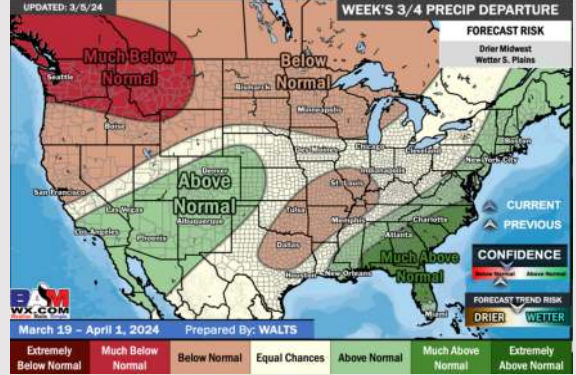
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Scattered rain chances are favored for later into the week, the greatest chances being Friday. 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 below normal.
- Below normal temperatures and seasonable chances for precipitation are favored in the weeks 3/4 timeframe.