

Houston Pilots Forecast Package



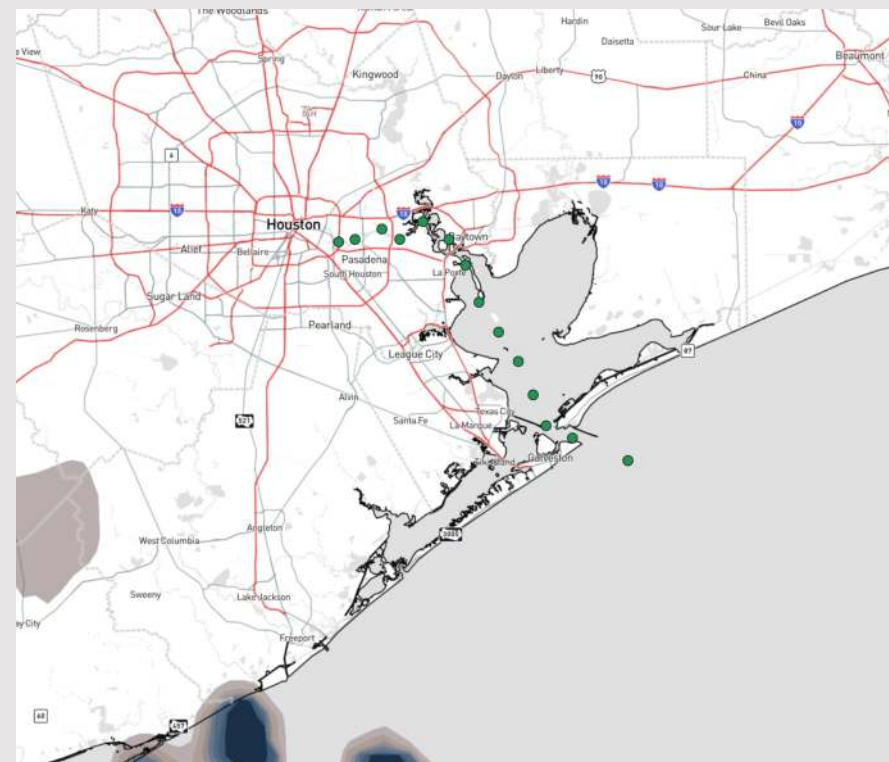
Updated: 12:00 AM CT

Wednesday, March 6, 2024

Forecaster: John Kemper

Weather Headlines

- Favored mostly dry conditions to continue through Friday morning before scattered chances set in throughout the day.
- Winds will be generally calm through at least Friday morning / afternoon as the next system approaches.
- Patchy sea fog risks will remain in play through at least Thursday late AM. See slide below for additional information.



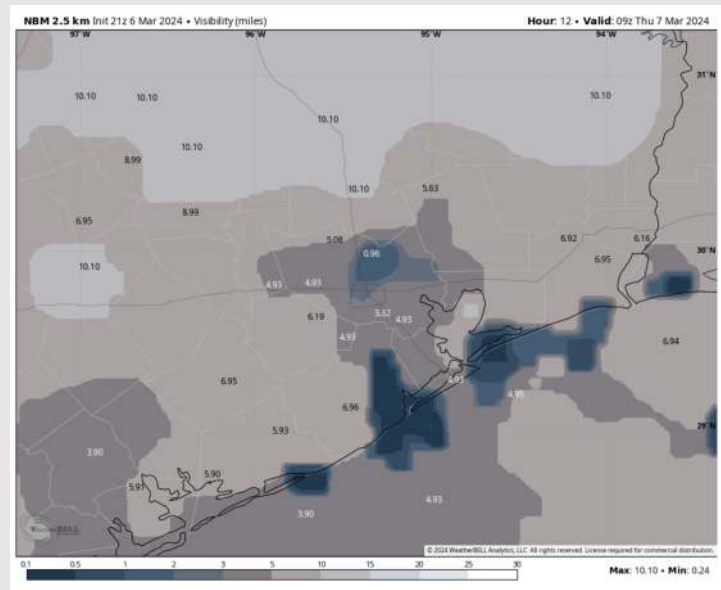
Visibility/NWS Alerts: 11:45PM CT



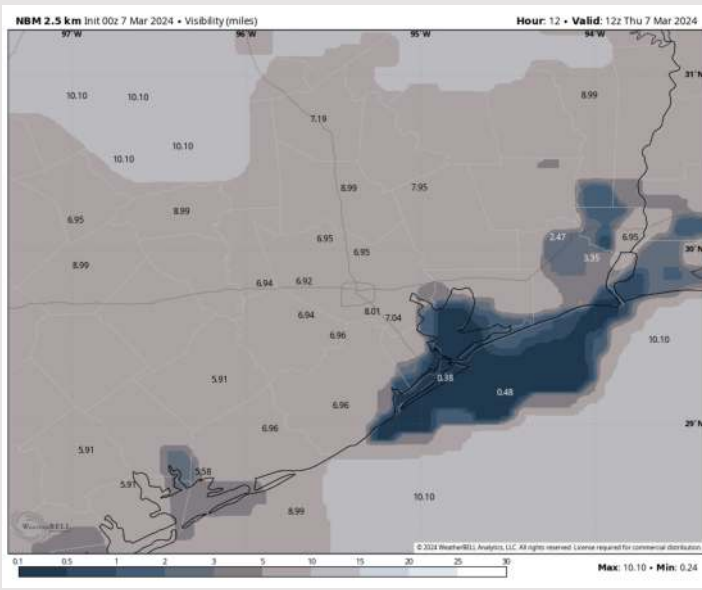
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report

3 AM CT THU VISIBILITY



6 AM CT THU VISIBILITY



Confidence

Above
Normal

Below
Normal

TIMEFRAME DISCUSSED

THREAT

12AM THU – 10AM THU

LOW - MED

- Overall, confidence remains low for the fog risk this evening and into the AM Thursday. Reduced visibilities of 2 – 4 miles with localized instances of visibility dropping to less than 1 mile (mainly for stations S of Morgan’s Point) will be possible.
- Patchy sea fog will gradually work into stations S of Morgan’s Point beyond 12AM. While visibilities of less than a mile can’t be ruled out a times, best potential for this will be from 3AM – CT through 8AM - CT, with stations 11/12 and the Boarding Station with the best risk.
- Favoring stations N of Morgan’s Point to have reduced visibility of 2 – 4 miles at times beyond 12AM, but at this time the risk for dense fog of less than 1 mile appears very limited and is not favored. Chances aren’t 0, but very low end.
- Expecting the fog risk to clear out by 10 - 11 AM Thursday, leaving all stations back in clear conditions. Will need to monitor for low cloud deck / hazy conditions of 3 – 5 miles for the boarding station during the early afternoon.

Houston Pilots Extended Range Visibility Report



Sunday 3/10/24

Fog not favored for Sunday with Northerly winds.

Forecast Confidence



Tuesday 3/12/24

Fog not favored for Tuesday, although winds will gradually shift to out of the southeast. Temperatures and cloud cover will be the limiting factor at present.

Forecast Confidence



Monday 3/11/24

Fog not favored for Monday.

Forecast Confidence



Chance for Fog	
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



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

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Houston Pilots Wind Chart



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

Time Knots	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm
610 Bridge	5	5	5	5	5	5	5	5	5	7	9	10	11	12	12	11	12	11	11	11	11	12	13	14
	10	9	10	10	10	9	10	10	11	13	15	19	22	23	22	23	23	22	21	22	23	24	26	28
	S	SSE	SSE	SSE	SE	SE	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE
Kinder 1	5	5	5	5	5	5	5	5	5	7	8	10	11	12	11	11	11	11	10	11	11	12	13	14
	10	9	10	10	10	9	10	10	11	13	15	19	22	23	23	23	23	22	21	22	23	24	26	28
	S	SSE	SSE	SSE	SE	SE	ESE	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE
Greens Bayou	5	5	5	5	5	5	5	5	5	7	8	10	11	11	11	11	11	11	10	11	11	12	14	14
	10	9	9	10	9	9	9	9	10	13	15	18	21	22	22	22	22	22	20	21	22	24	28	28
	S	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE
Shell Crude	5	4	5	5	5	5	5	5	5	7	8	10	11	11	11	11	11	11	10	11	11	13	13	13
	10	9	9	10	9	9	10	9	10	13	15	18	21	22	22	22	21	22	20	21	22	25	28	27
	S	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE
Lynchburg Ferries	5	4	4	5	4	4	5	4	5	6	9	10	11	11	12	12	12	11	10	11	11	13	13	15
	9	8	9	9	9	8	9	8	10	13	15	18	21	21	21	22	22	22	20	21	22	25	26	30
	S	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE
Exxon 3	5	5	5	5	5	5	5	5	7	7	8	11	12	11	12	13	13	13	13	13	14	14	14	15
	10	9	9	10	9	9	10	9	11	13	15	17	21	21	21	21	22	22	22	21	22	26	26	29
	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE
Morgans Point	5	5	5	5	5	5	5	5	6	7	8	9	11	11	11	12	13	13	13	13	13	13	13	14
	10	9	8	9	9	9	10	9	11	13	14	17	19	20	20	20	21	21	20	21	21	22	24	26
	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE
75/76	8	7	7	7	7	8	8	8	8	8	9	10	11	11	12	13	15	15	16	17	17	16	17	18
	12	10	10	10	11	12	12	12	12	13	14	17	19	21	21	22	23	23	23	24	24	23	24	26
	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
63/64	8	7	7	6	7	7	7	7	7	8	9	9	9	11	11	13	13	15	15	15	15	15	16	17
	12	10	9	9	11	10	11	11	11	13	14	16	18	20	20	20	21	22	22	22	22	21	23	24
	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
51/52	7	6	5	6	7	7	7	7	7	7	8	9	9	10	11	11	12	13	14	14	14	14	14	15
	11	9	8	9	9	9	11	11	11	13	13	16	17	18	18	19	19	20	20	21	21	20	21	22
	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SE
37/38	7	6	5	6	6	6	7	7	7	7	8	9	9	10	11	11	11	13	13	13	14	13	14	15
	10	9	8	8	8	9	11	11	11	12	13	15	16	17	18	18	19	18	19	19	20	19	20	21
	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SE
25/26	7	5	5	6	5	6	7	7	7	7	8	9	10	11	11	11	11	12	13	13	13	13	13	15
	10	8	7	8	8	9	10	11	12	13	13	14	15	16	17	17	17	17	18	18	19	19	19	21
	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SE
11/12	6	5	5	5	5	6	7	7	7	7	8	9	10	10	10	11	11	11	11	11	11	11	12	13
	9	8	7	8	9	9	10	11	11	12	13	14	15	15	16	15	15	15	15	16	16	16	18	19
	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE
1 & 2 Bravo	8	7	7	7	7	9	9	9	9	8	9	8	9	9	9	9	11	12	12	13	13	14	14	15
	12	11	10	10	11	13	13	13	13	13	13	13	13	14	15	15	16	17	17	18	20	20	21	21
	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE

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Houston Pilots: Thu. 3/7/2024

Forecast Discussion

Precip: Dry conditions favored for today.

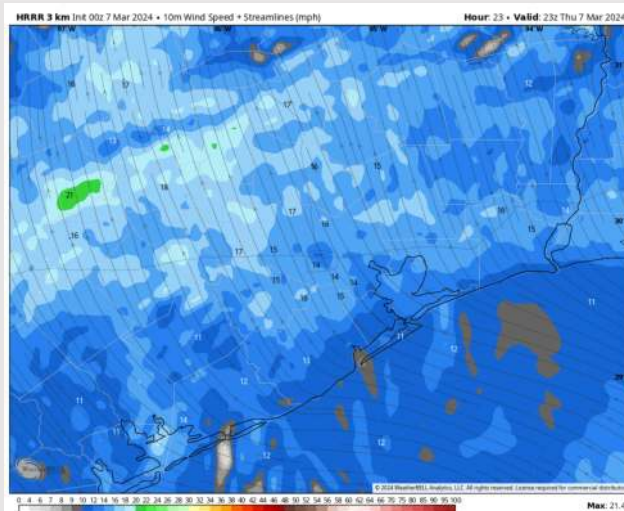
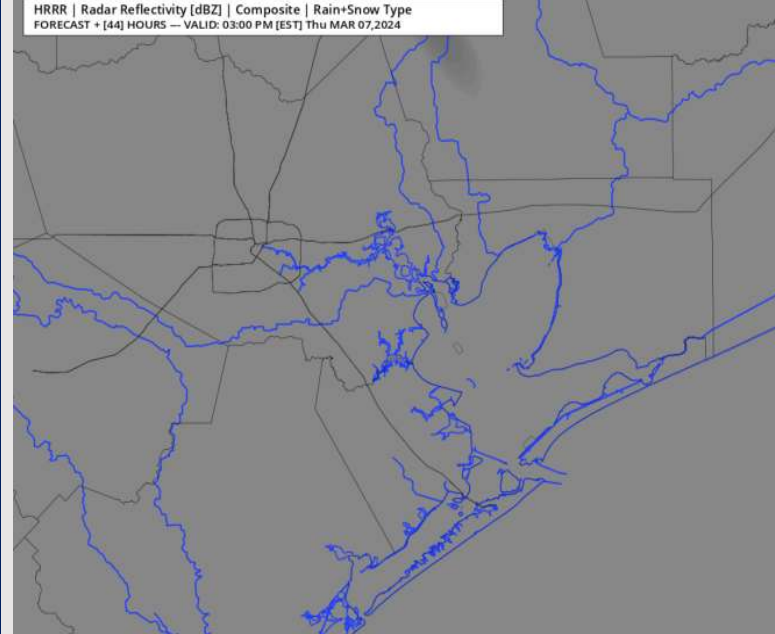
Wind: Winds will be out of the S/SE throughout the day. **N Morgan's Point:** 3-8 kts through 11 AM before increasing to 9-14 kts the rest of the day. **S of Morgan's Point:** Winds will be 9-14 kts throughout the entire day on Thursday.

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

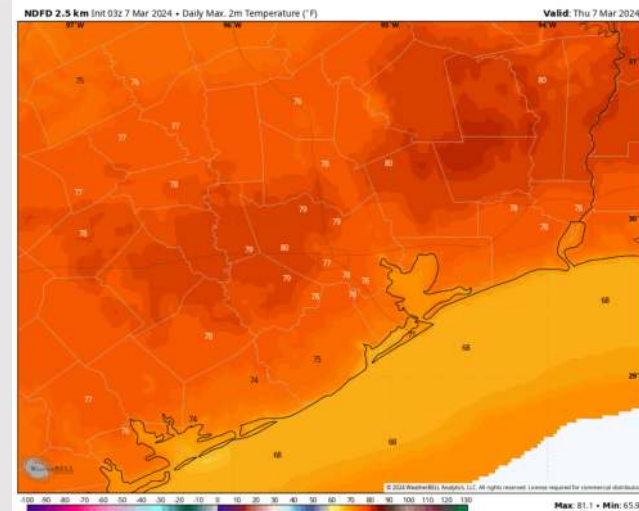
Visibility: Winds out of the S/SE will help to bring in a few instances of patchy fog within the Bay. See visibility slide for more information.

Precip Image: 2 PM CT

HRRR | Radar Reflectivity [dBZ] | Composite | Rain+Snow Type
FORECAST + [44] HOURS — VALID: 03:00 PM [EST] Thu MAR 07, 2024



Wind Speed:
4 PM CT



High Temps
Today

Houston Pilots: Fri. 3/8/2024

Forecast Discussion

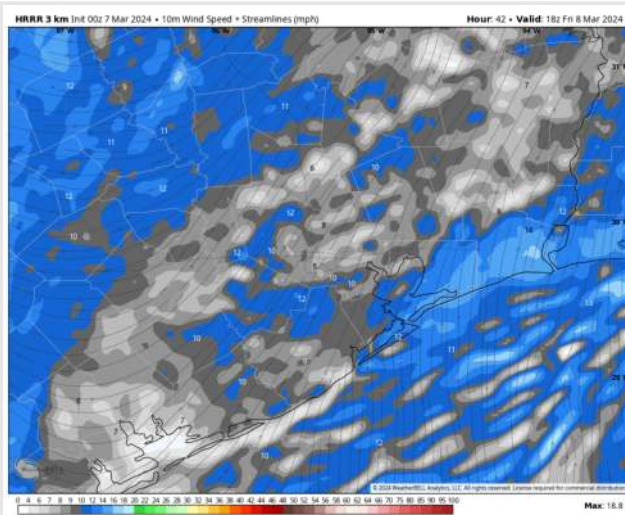
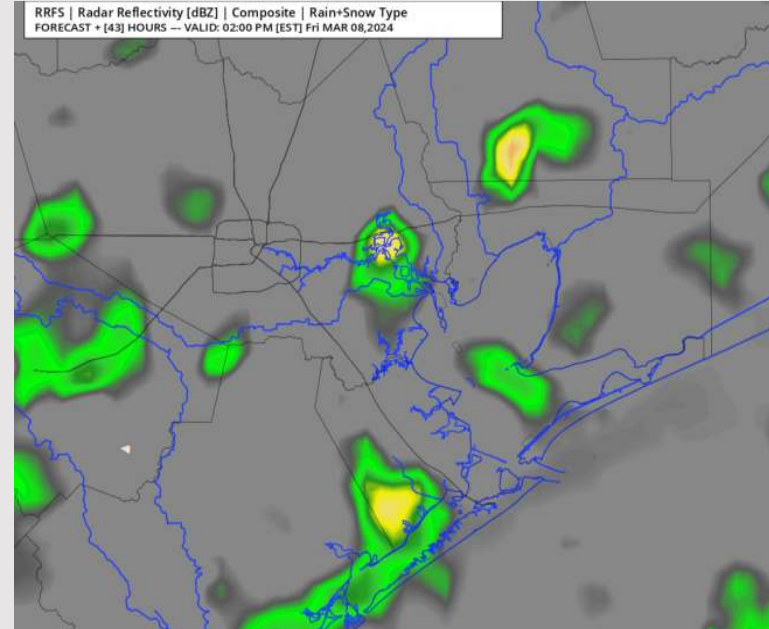
Precip: Need to watch for scattered shower potential between 12AM – 9AM. Majority of coverage will remain to the north, but a few downpours can't be ruled out (20% chances). Beyond 9AM and through about 3PM, a few scattered storms will be in play with low end severe potential for winds / hail. (30% chances).

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 30-35 kts cannot be ruled out through 9 AM due to isolated storm risk.**

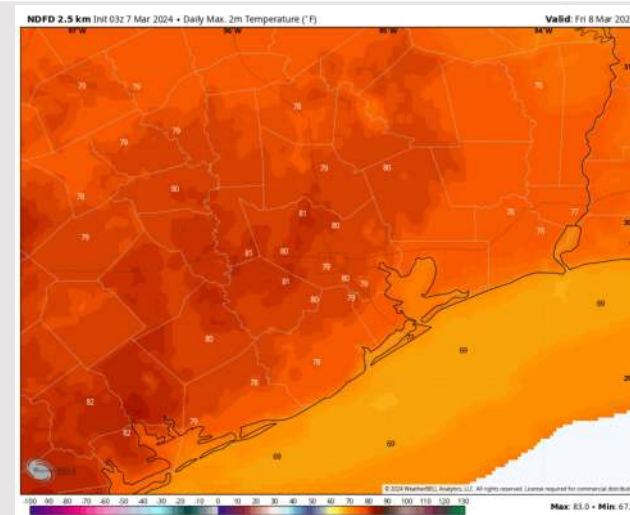
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 60's F.

Visibility: Favoring the storm system Friday to limit the fog risk in the AM. However, we will need to watch for the possibility fog fills back in after this system passes.

Precip Image: 1 PM CT



Wind Speed:
12 PM CT



High Temps
Friday

Houston Pilots: Sat. 3/9/2024

Forecast Discussion

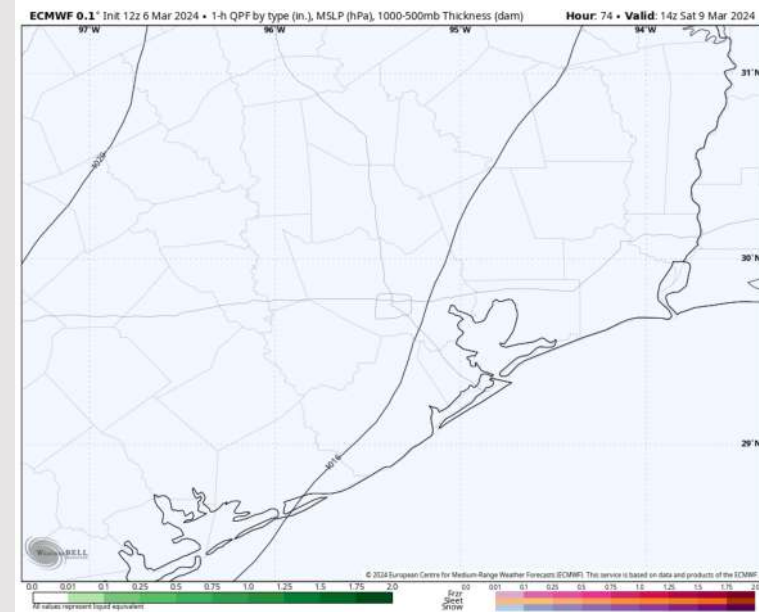
Precip: Dry conditions favored for Saturday.

Wind: Winds will shift from out of the SE to out of the N / NW given passage of front. **N Morgan's Point:** Winds will remain at 5 – 10 kts for the entire day. **S of Morgan's Point:** Winds at 12 – 17 kts through 5 PM before decreasing slightly to 7 - 12 kts.

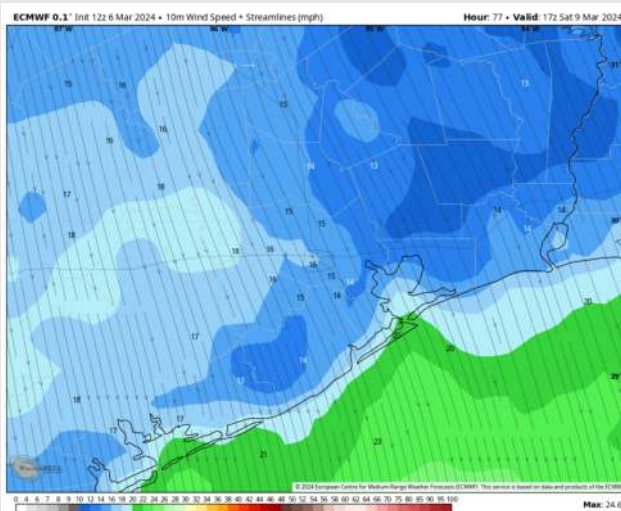
High Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Low 60s F.

Visibility: Calm winds after Friday rains can allow for fog formation Saturday AM, but confidence remains very low given winds quickly veering out of the north.

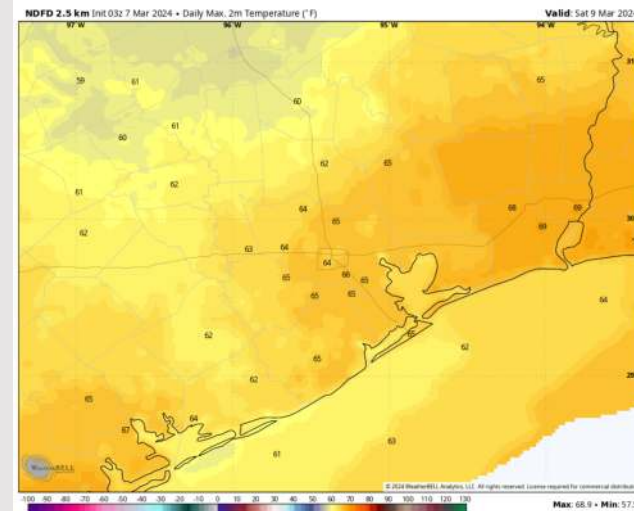
Precip Image: 8 AM CT



Wind Speed
11 AM CT

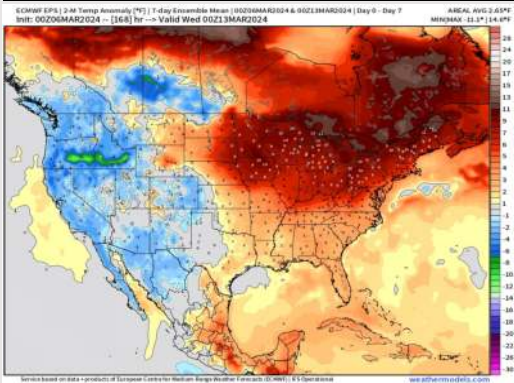


High Temps
Saturday

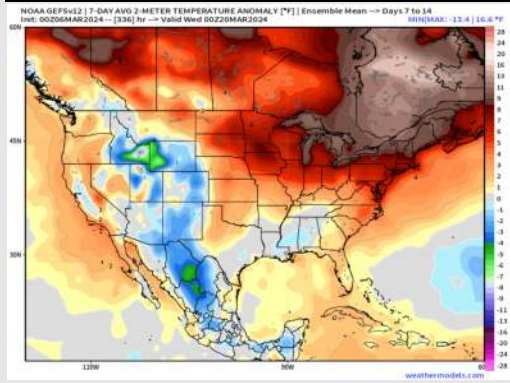


Houston Pilots: 3/6/24

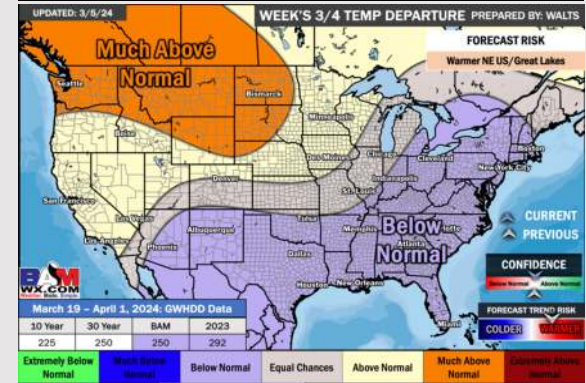
Next 7 Day Temperature Departure



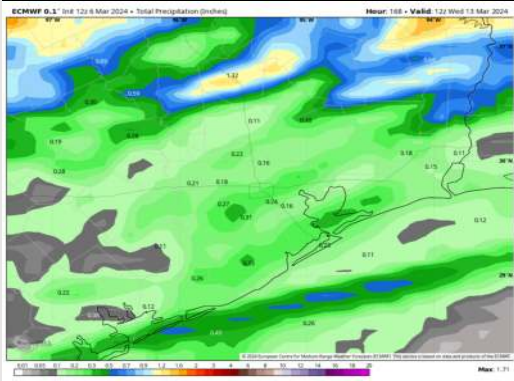
8-14 Day Temperature Departure



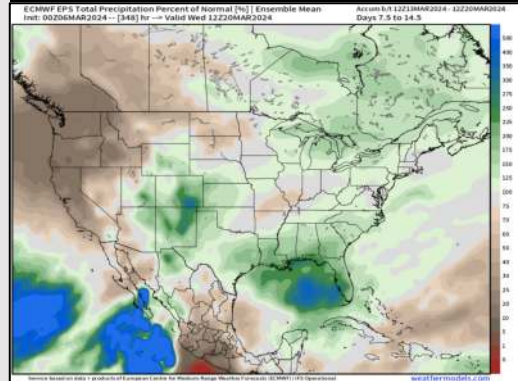
15-30 Day Temperature Departure



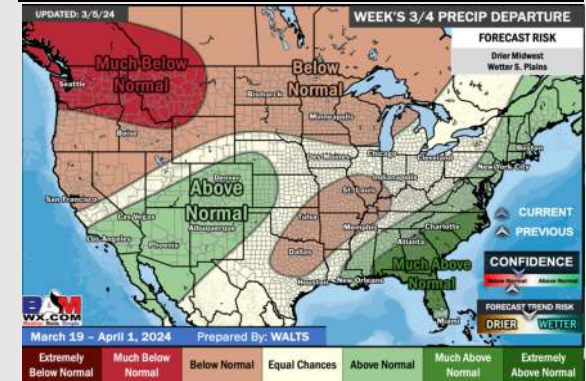
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Scattered rain chances are favored for Friday with the next shot moving in through the middle of next week. 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 $\frac{3}{4}$ timeframe.