

Houston Pilots Forecast Package

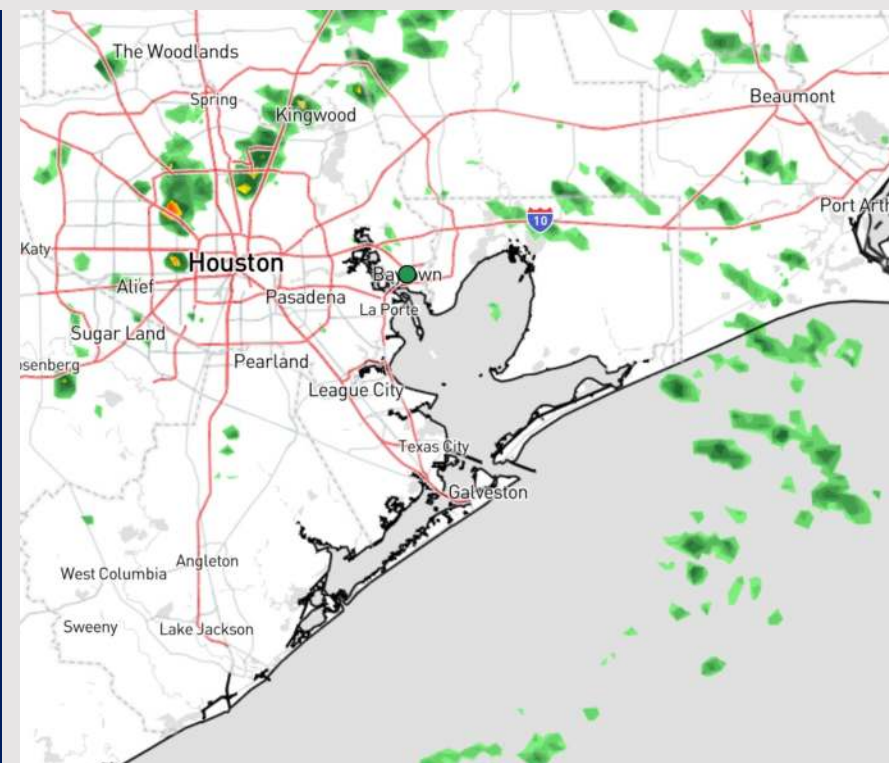


Updated: 12:00 AM CT
Friday, March 8, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Scattered showers expected this morning, with storm chances in play in the late AM/early PM.
- Wind gusts expected to become slightly elevated late this AM.
- Patchy sea fog risks will likely redevelop this morning. A passing front will help push fog threats off into the Gulf this PM. See slide below for additional information.



Visibility/NWS Alerts: 11:46 PM CT



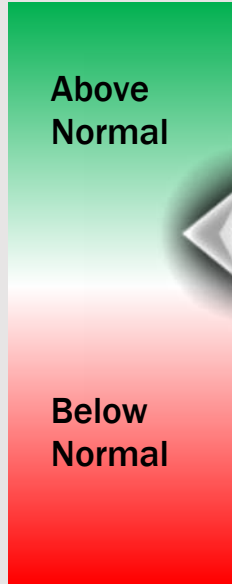
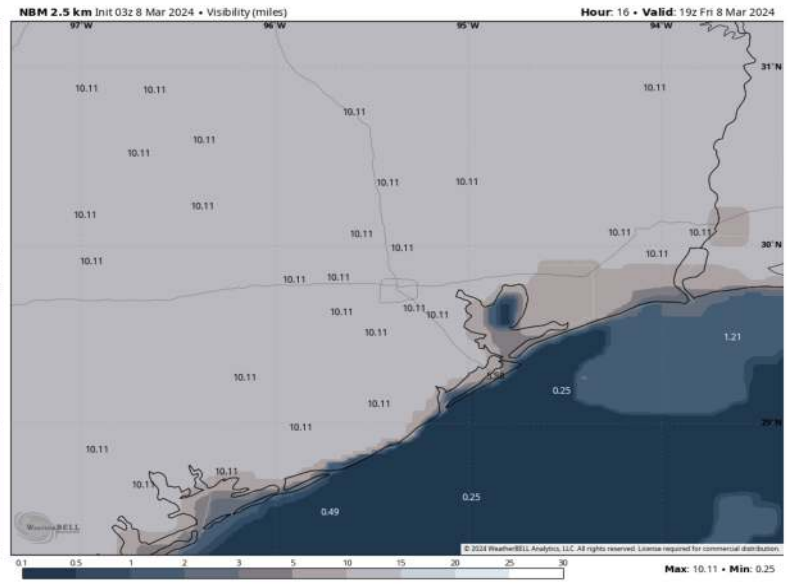
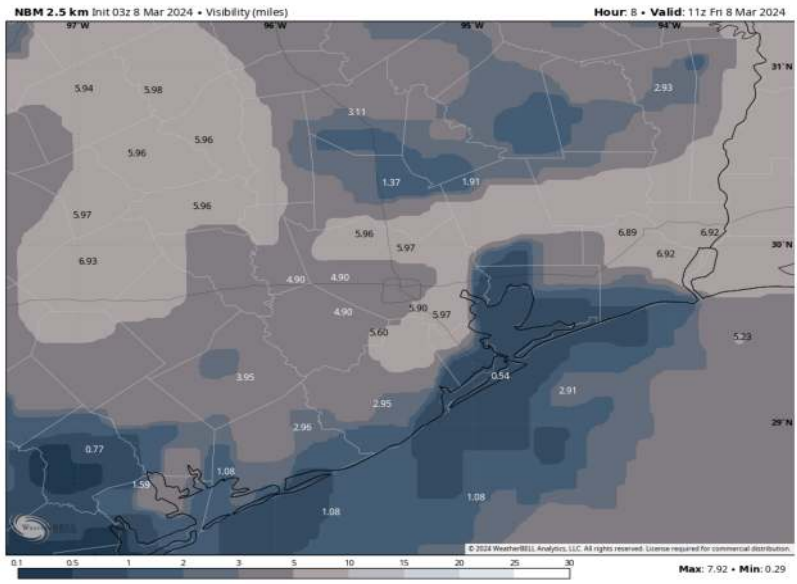
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report



5 AM CT FRI VISIBILITY 1 PM CT FRI VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
3 AM CT FRI – 10 PM FRI	MED - HIGH

- Confidence is increasing that we will see fog redevelop Friday morning, continuing to grow in coverage through the PM until the cold front passes, pushing fog far out into the Gulf. A couple showers could result in fog being slightly patchier at times.
- Around 3 AM CT Friday we need to watch for patchy fog development reducing visibility to 3 – 5 miles, possibly to less than 1 mile at the Boarding Station.
- Foggy conditions will only grow in coverage through the late morning, becoming the densest from 10 AM – 2 PM. This is when fog will be widespread from Morgan’s Point through the Boarding Station, dropping visibility to 0.5 or less.
- After 2 PM, fog will retreat out of the Bay back towards the Gulf however linger over Station 11/12 and the Boarding Station through ~10 PM FRI until the front passes from NW to SE, taking the foggy conditions with it.

Houston Pilots Extended Range Visibility Report



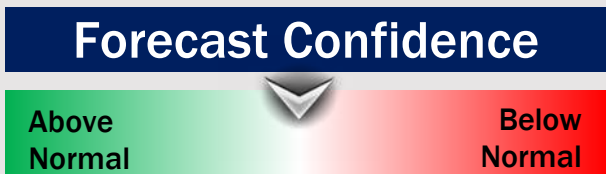
Monday 3/11/24

Fog not favored for Monday.



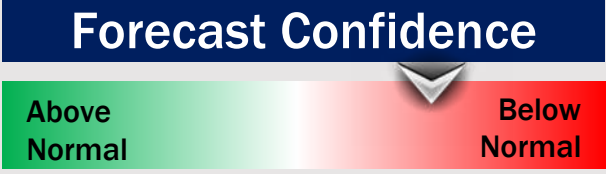
Wednesday 3/13/24

Fog not favored for Wednesday.



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.



Chance for Fog

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

Time Knots	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm
610 Bridge	11	10	9	9	9	9	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	8	10	
	22	20	17	18	17	17	14	13	13	14	14	14	15	14	13	13	13	13	13	12	12	13	15	20
	SE	SSE	SSE	SSE	SSE	S	S	S	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	NW	NW	NW	NNW	NNW	NNW
Kinder 1	11	10	9	9	9	8	7	7	7	7	7	7	7	7	7	7	7	7	6	6	6	8	10	
	23	20	18	18	17	17	14	13	13	14	14	13	15	14	13	13	13	13	13	12	12	13	15	20
	SE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SW	SW	SW	WSW	WSW	W	W	W	NW	NW	NW	NNW	NNW	NNW
Greens Bayou	11	11	9	9	9	8	7	7	7	7	7	7	7	7	7	6	6	6	6	5	6	6	7	10
	23	21	18	17	17	16	14	13	13	13	13	14	15	13	13	13	13	12	13	12	12	12	15	20
	SE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SW	SW	WSW	WSW	W	W	W	NW	NW	NW	NW	NNW	NNW
Shell Crude	11	11	9	9	9	9	7	7	7	7	7	7	7	7	7	6	6	6	6	6	5	6	7	9
	23	21	18	17	17	17	15	13	14	14	14	14	15	14	13	13	13	12	13	12	11	12	14	19
	SE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	NW	NW	NW	NW	NNW	NNW
Lynchburg Ferries	12	11	9	9	9	8	7	6	6	7	7	7	7	7	7	6	6	6	6	5	5	6	7	9
	23	22	20	17	17	16	13	13	13	13	14	14	15	13	13	12	13	12	12	11	11	12	13	19
	SE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	W	NW	NW	NW	NW	NNW	NNW
Exxon 3	14	13	11	11	10	9	8	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	7	9
	25	23	20	19	19	17	16	13	13	13	14	15	15	14	13	13	13	13	12	11	11	13	13	18
	SE	SE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SW	SW	SW	WSW	SW	SW	WSW	W	WNW	NW	NW	NNW	NNW
Morgans Point	13	13	12	10	9	9	8	7	6	7	7	7	7	7	7	6	6	6	5	5	6	6	7	9
	25	21	19	17	18	17	16	13	13	13	13	14	15	13	13	13	13	12	11	10	11	12	13	17
	SE	SE	SSE	SSE	SSE	S	S	S	S	S	S	SSW	SSW	SW	SW	WSW	SW	SW	WSW	NW	NW	NW	NNW	NNW
75/76	16	15	14	13	13	13	11	9	9	9	9	9	8	8	7	8	9	9	9	9	9	8	9	11
	23	21	21	19	19	19	16	14	13	13	14	15	16	14	14	14	15	13	13	13	13	12	13	16
	SE	SE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NNW	NNW
63/64	14	15	14	12	13	12	10	9	9	9	9	9	7	7	7	8	9	9	9	8	8	7	9	11
	22	21	20	17	18	18	14	13	13	13	13	14	15	14	13	14	14	13	13	12	12	11	13	15
	SE	SE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	S	SSW	SSW	W	WNW	NW	NNW
51/52	14	14	13	12	12	12	11	9	9	9	9	9	8	8	8	8	8	9	7	7	7	7	9	
	21	21	19	17	17	18	15	13	13	13	14	15	15	14	14	15	14	13	11	10	10	11	12	13
	SE	SE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	S	S	SSW	SSW	SW	WNW	NW	NNW	NNW
37/38	13	13	13	11	12	12	10	9	9	9	9	9	9	9	9	9	9	9	8	7	7	6	7	9
	20	20	18	16	18	18	16	15	14	14	14	15	15	14	14	15	14	13	12	11	10	10	12	13
	SE	SE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NNW	NNW
25/26	13	13	12	12	12	12	11	9	9	9	10	9	9	9	9	9	9	9	7	7	7	6	7	9
	20	19	18	17	18	18	17	15	15	15	16	16	14	14	14	15	14	13	13	11	11	10	11	13
	SE	SE	SSE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NNW	NNW
11/12	13	12	11	11	11	11	10	9	9	9	9	9	9	9	9	9	8	7	6	5	5	5	6	6
	18	18	16	17	18	18	17	16	15	14	15	16	15	15	13	13	13	11	11	10	10	9	11	11
	SE	SE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NNW	NNW
1 & 2 Bravo	15	15	14	14	13	13	13	12	10	9	10	9	9	8	9	9	9	8	8	8	8	8	9	9
	21	21	21	20	20	21	20	19	18	17	16	15	15	13	14	14	14	13	13	13	13	13	13	13
	SE	SE	SSE	SSE	SSE	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	NNW	NNW

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Houston Pilots: Fri. 3/8/2024



Forecast Discussion

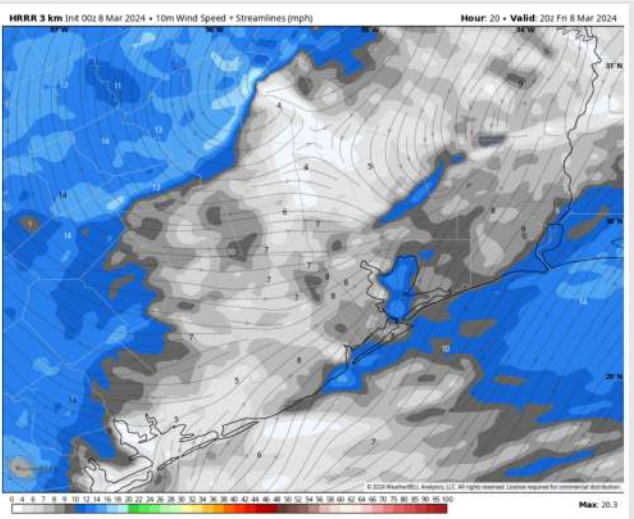
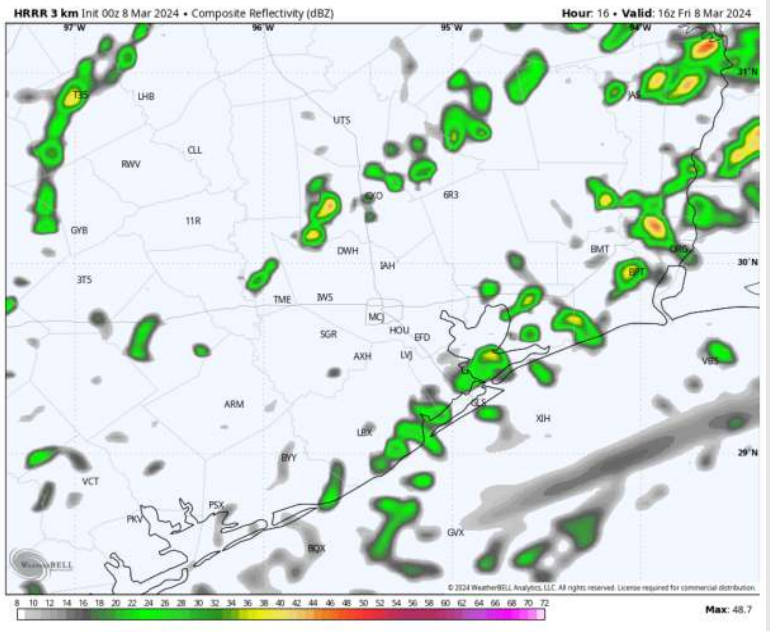
Precip: Need to watch for scattered shower potential between 12AM – 9AM. Majority of coverage will remain to the north, but a few downpours can't be ruled out (20% chances). Beyond 9AM and through about 3PM, a few scattered storms will be in play with low end severe potential for winds / hail. (30% chances).

Wind: Winds will begin out of the S, gradually veering out of the W by 9 AM. Winds then turn out of the N/NW by 6 PM with a passing front. **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.**

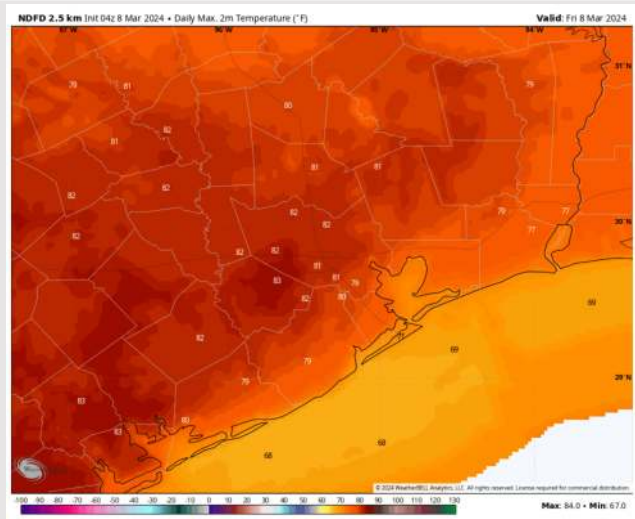
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 60's F.

Visibility: 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 for Stations S of Morgan's Point after this system passes. A passing front in the evening will help push fog risks out into the Gulf as winds veer out of the N/NW.

Precip Image: 10 AM CT



Wind Speed:
2 PM CT



High Temps
Today

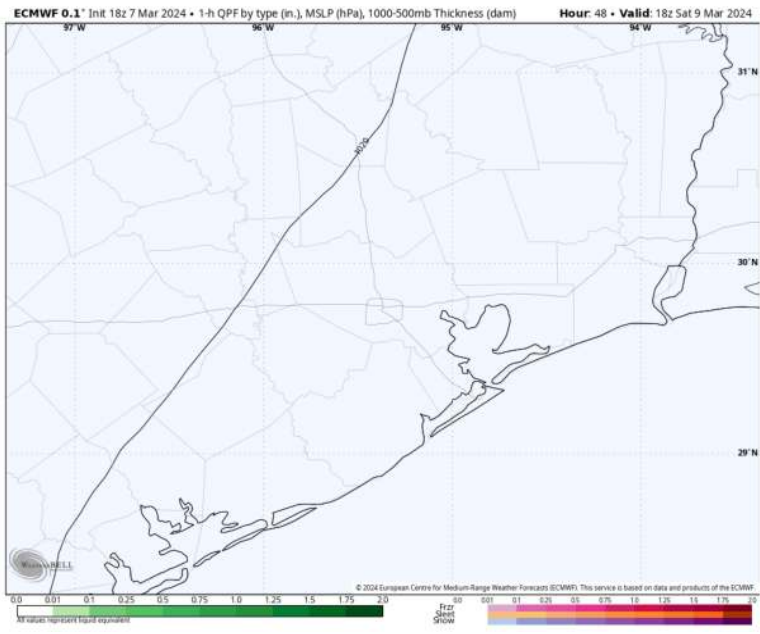
Houston Pilots: Sat. 3/9/2024



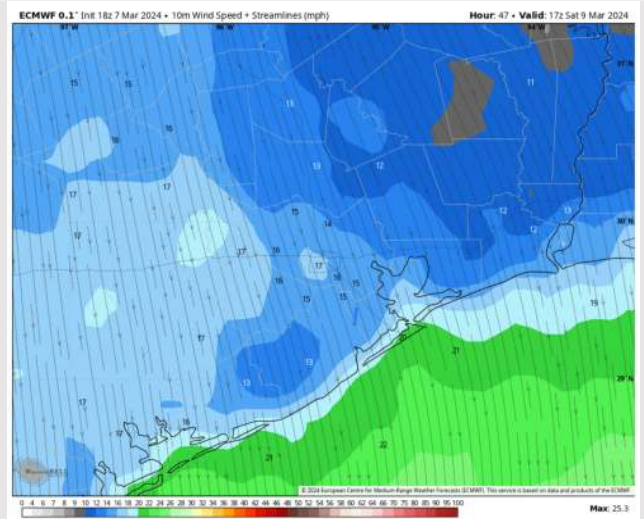
Forecast Discussion

- Precip:** Dry conditions favored for Saturday.
- Wind:** Winds out of the N / NW throughout the day. **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 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:** No visibility concerns for Saturday as model data has pushed the arrival of the front up earlier to FRI PM.

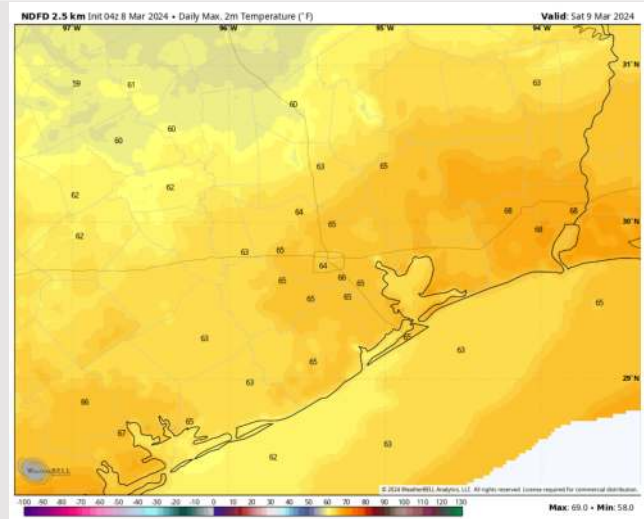
Precip Image: 12 PM CT



Wind Speed
11 AM CT



High Temps
Saturday



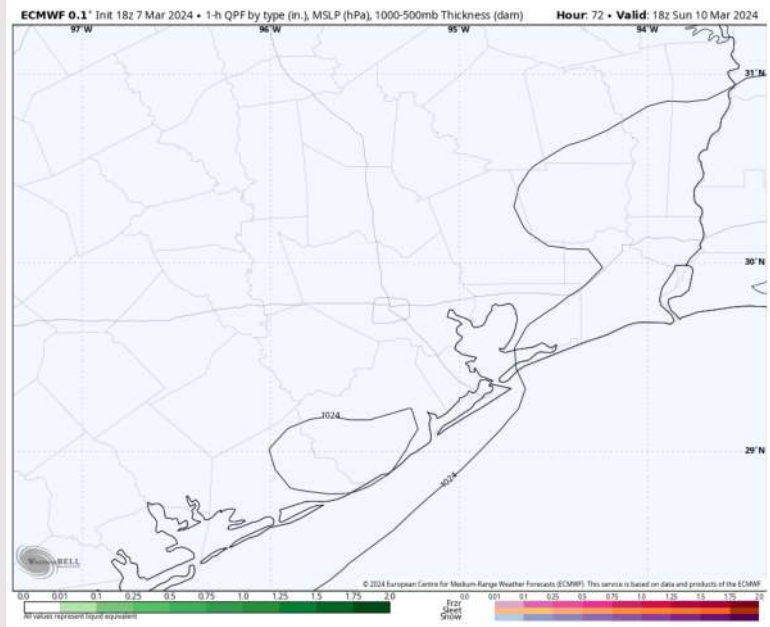
Houston Pilots: Sun. 3/10/2024



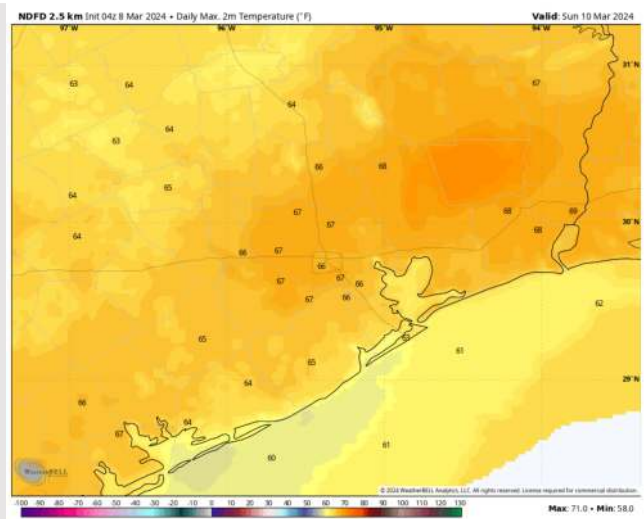
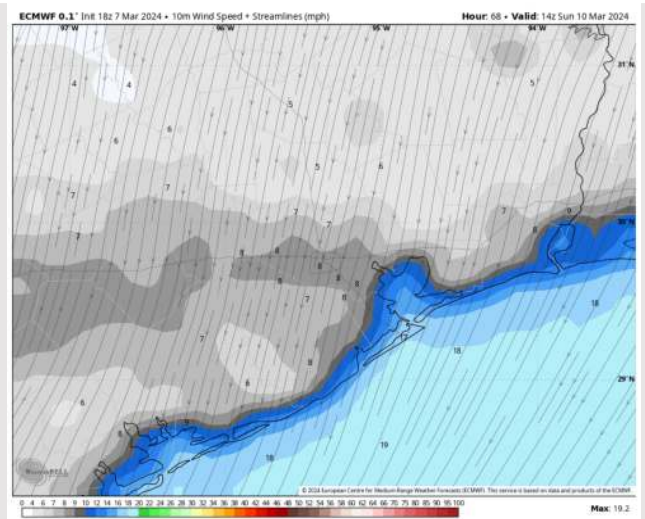
Forecast Discussion

- Precip:** Favoring dry conditions for Sunday.
- Wind:** Winds will be out of the N/NE through 5 PM before winds become variable. **N Morgan's Point:** Winds at 4-9 kts through 11 AM before a slight decrease to 3-8 kts. **S of Morgan's Point:** 7-12 kts through 11 AM before decreasing to 3-8 kts. **Wind gusts of 18-23 kts in play for Stations S of Morgan's Point through 11 AM.**
- High Temps:** **N of Morgan's Point:** Mid-Upper 60's F. **S of Morgan's Point:** Low 60s F.
- Visibility:** Not anticipating any visibility concerns for Sunday.

Precip Image: 12 PM CT



Wind Speed:
8 AM CT

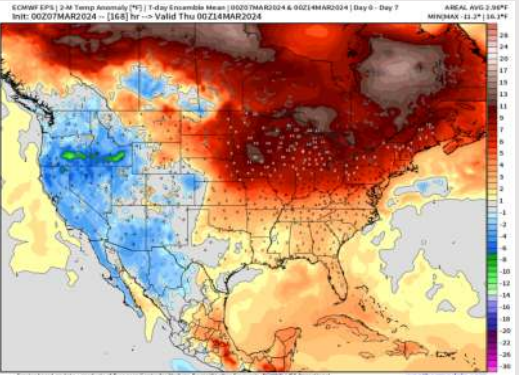


High Temps
Sunday

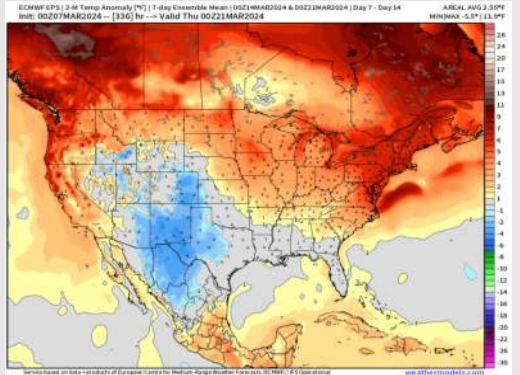
Houston Pilots: 3/8/24



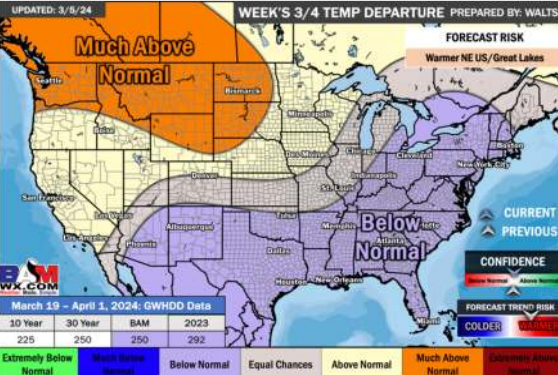
Next 7 Day Temperature Departure



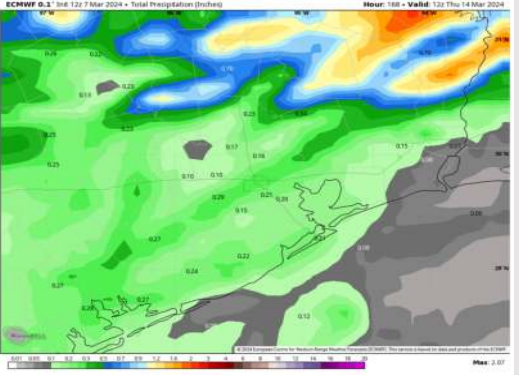
8-14 Day Temperature Departure



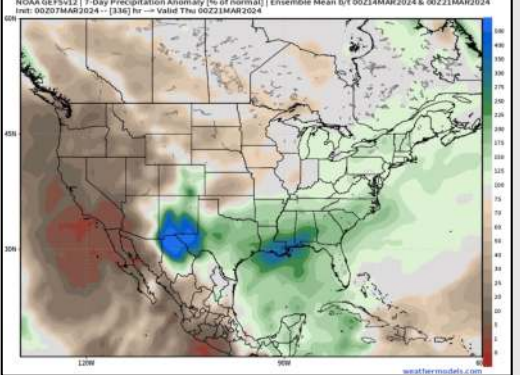
15-30 Day Temperature Departure



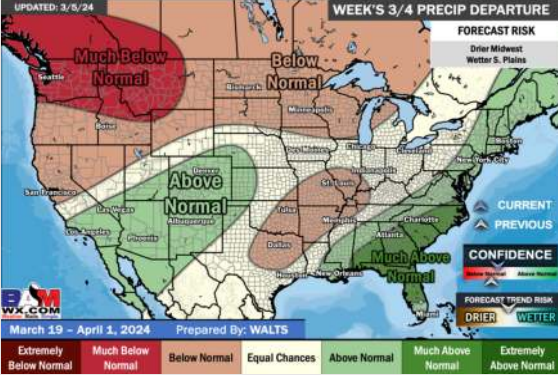
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Scattered rain chances are favored for this evening and Friday with the next shot moving in through the middle of next week. Slightly above normal temperatures favored for the week ahead.
- Above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be seasonal.
- Below normal temperatures and seasonable chances for precipitation are favored in the weeks 3/4 timeframe.