

Houston Pilots Forecast Package



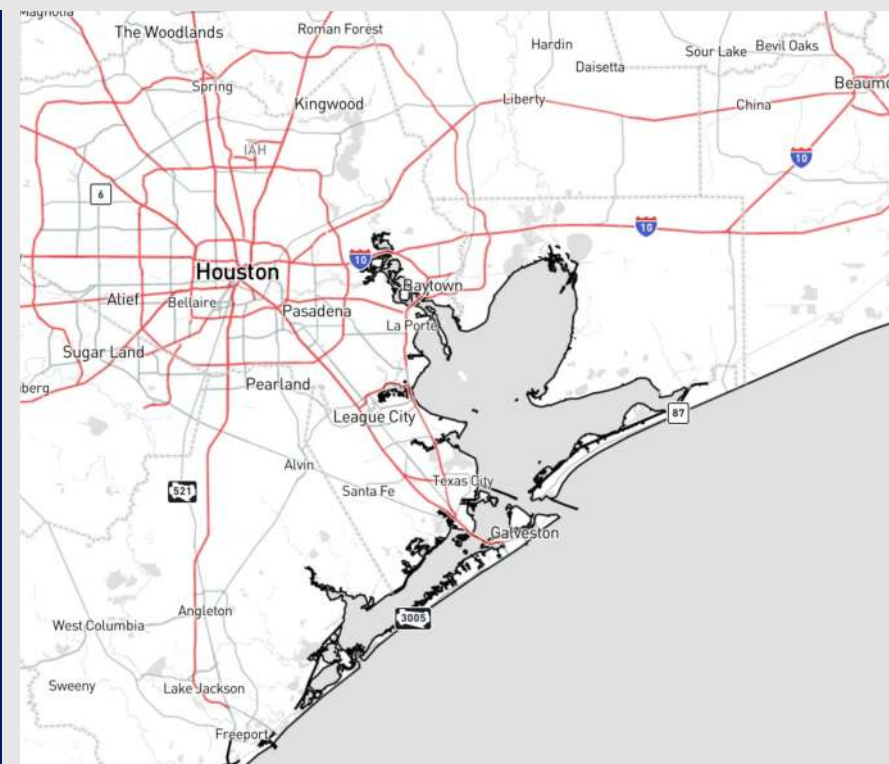
Updated: 1:00 PM CT

Thursday, March 7, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- A few light, scattered showers could move in as early as this evening. The better opportunity for showers however will begin Friday morning.
- Wind gusts expected to become slightly elevated late this evening into Friday AM.
- **Patchy sea fog risks will likely redevelop Friday morning. See slide below for additional information.**



Visibility/NWS Alerts: 12:45 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.

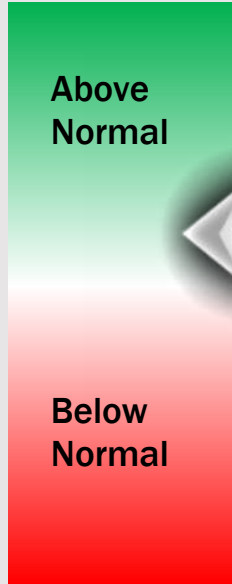
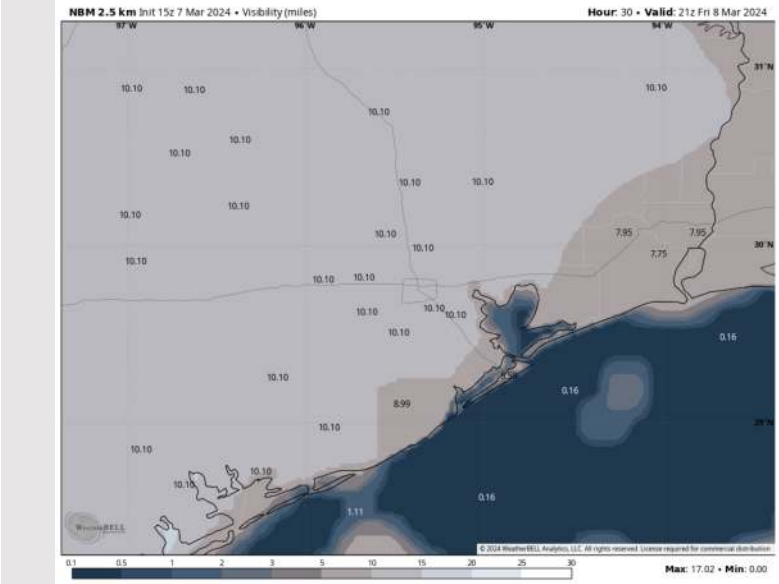
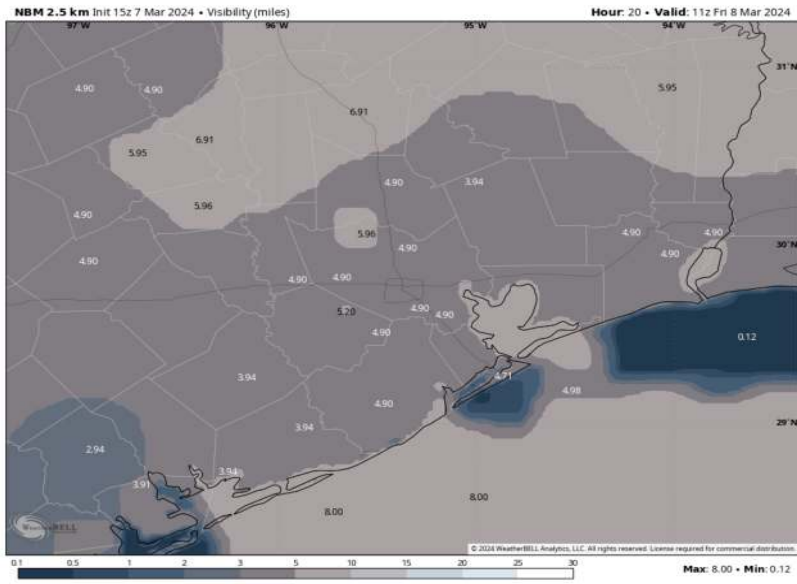
Houston Pilots Visibility Report



5 AM CT FRI VISIBILITY

3 PM CT FRI VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
3 AM CT FRI - 12 AM SAT	MED - HIGH

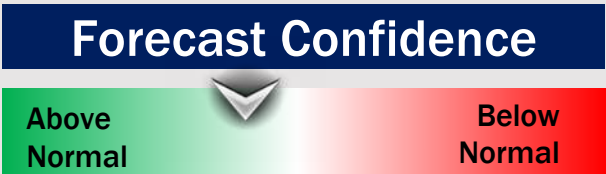
- Confidence is increasing that we will see fog redevelop Friday morning, continuing to grow in coverage through the PM until the cold front passes, pushing fog far out into the Gulf. A couple showers could result in fog being slightly more patchy at times.
- Around 3 AM CT Friday we need to watch for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

Houston Pilots Extended Range Visibility Report



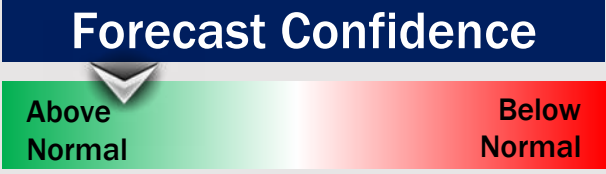
Sunday 3/10/24

Fog not favored for Sunday with Northerly winds.



Monday 3/11/24

Fog not favored for Monday.



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

Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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

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Houston Pilots: Thu. 3/7/2024

Forecast Discussion

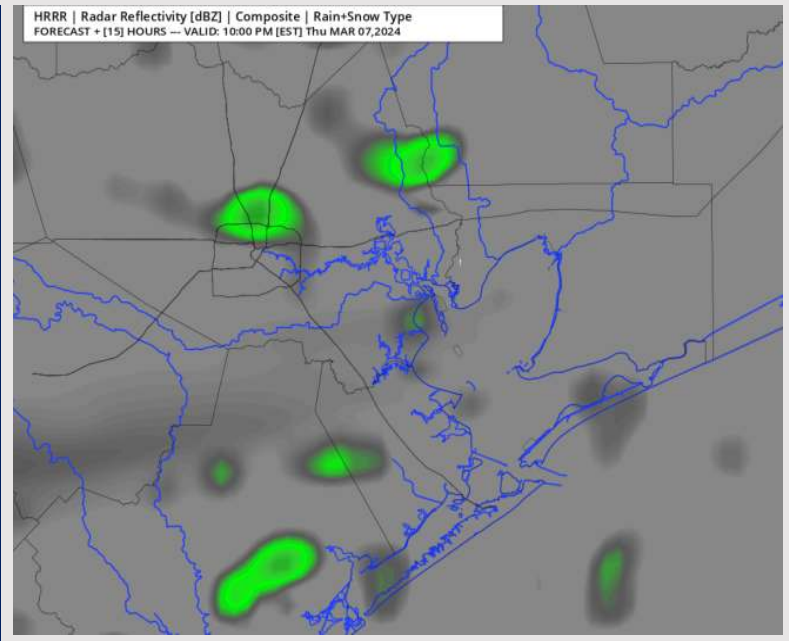
Precip: A few scattered , light showers may push into the area as early as 6 PM CT. Coverage will remain low (20%) through the PM.

Wind: Winds will be out of the S/SE throughout the day. **N Morgan's Point:** Winds at 10 – 15 kt expected for the rest of the PM. **S of Morgan's Point:** Winds will be 7-12 kts through 4 PM, then winds will slightly increase to 15 – 20 kts for the rest of the PM. **Gusts may reach 20 – 25 kts with an isolated gust near 30 kts around 12 AM.**

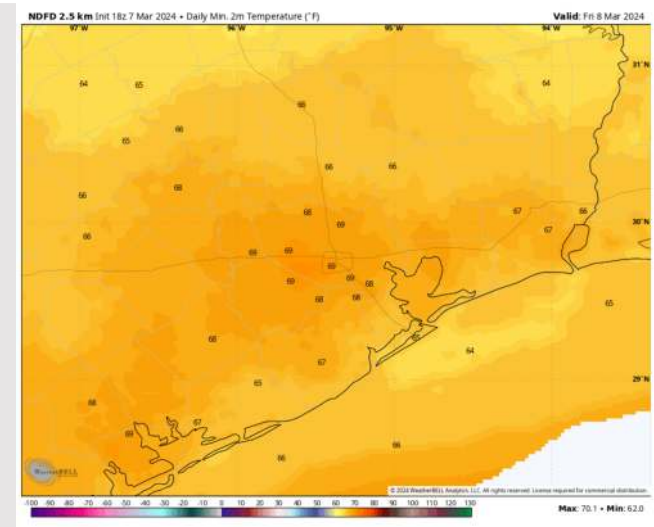
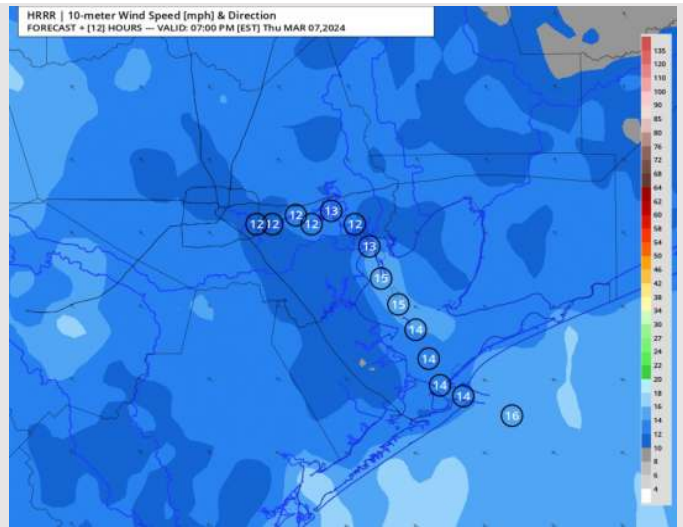
Low Temps: **N of Morgan's Point:** Upper 60's F. **S of Morgan's Point:** Mid 60s F.

Visibility: Not anticipating any visibility concerns for the PM.

Precip Image: 9 PM CT



Wind Speed:
6 PM CT



Low Temps
FRI AM

Houston Pilots: Fri. 3/8/2024



Forecast Discussion

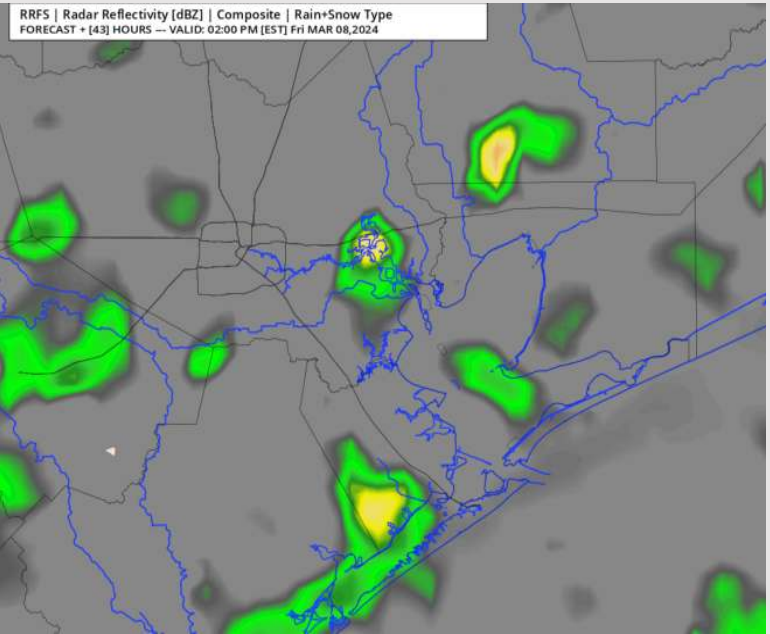
Precip: Need to watch for scattered shower potential between 12AM – 9AM. Majority of coverage will remain to the north, but a few downpours can't be ruled out (20% chances). Beyond 9AM and through about 3PM, a few scattered storms will be in play with low end severe potential for winds / hail. (30% chances).

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 25 - 30 kts cannot be ruled out through 9 AM due to isolated storm risk.**

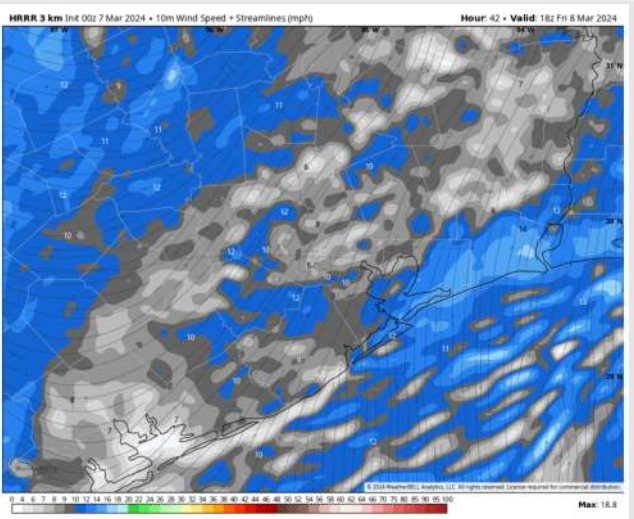
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 60's F.

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 after this system passes.

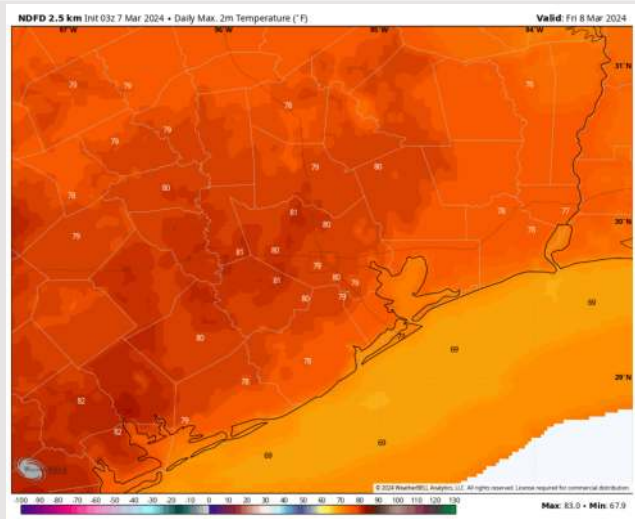
Precip Image: 1 PM CT



Wind Speed:
12 PM CT



High Temps
Friday



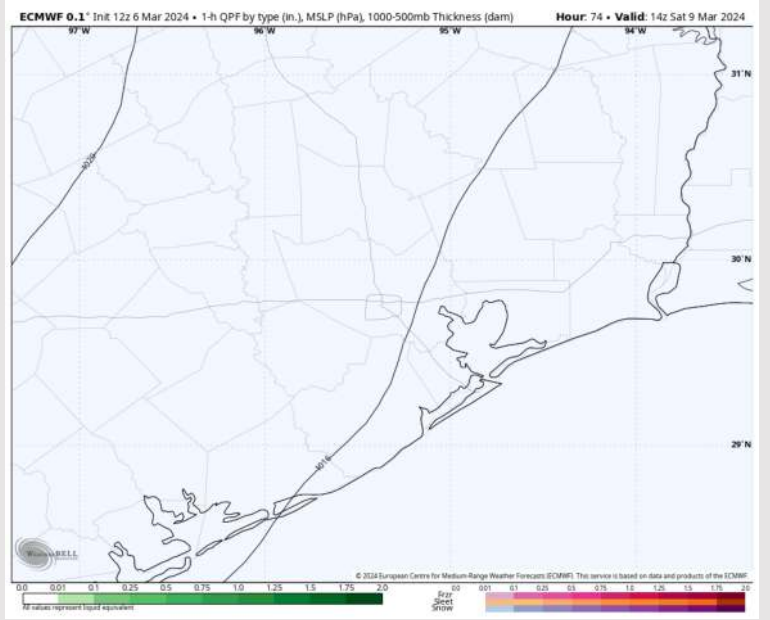
Houston Pilots: Sat. 3/9/2024



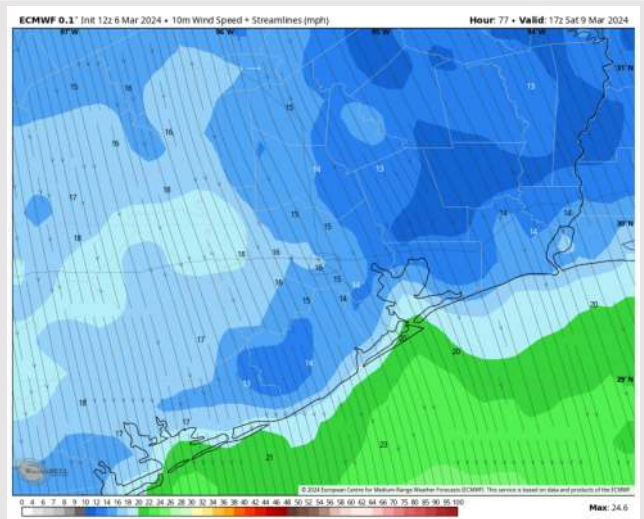
Forecast Discussion

- 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.

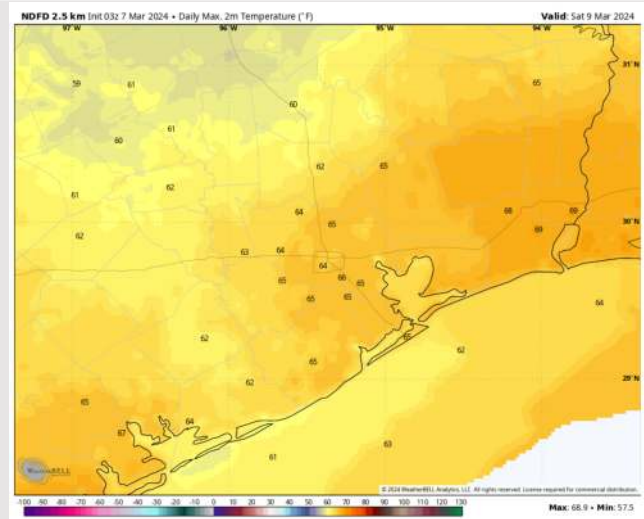
Precip Image: 8 AM CT



Wind Speed
11 AM CT

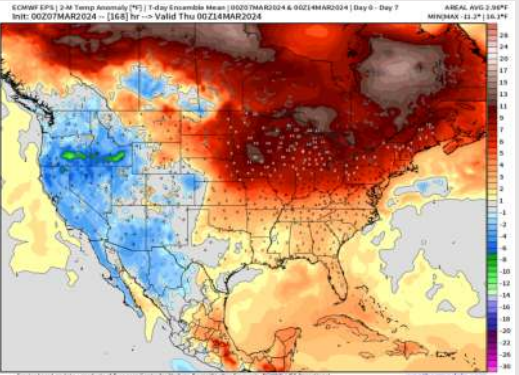


High Temps
Saturday

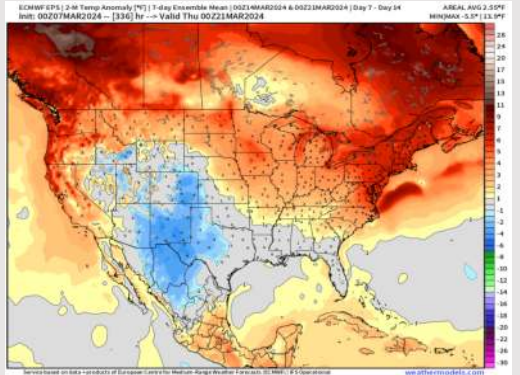


Houston Pilots: 3/7/24

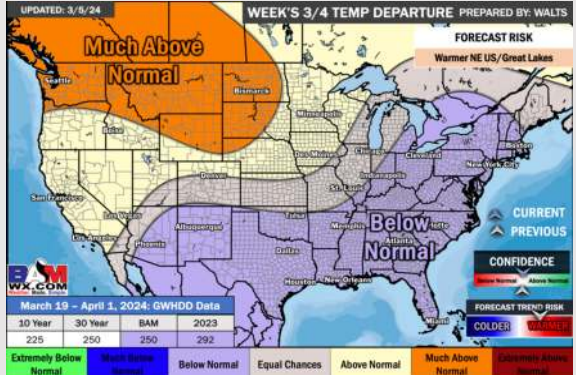
Next 7 Day Temperature Departure



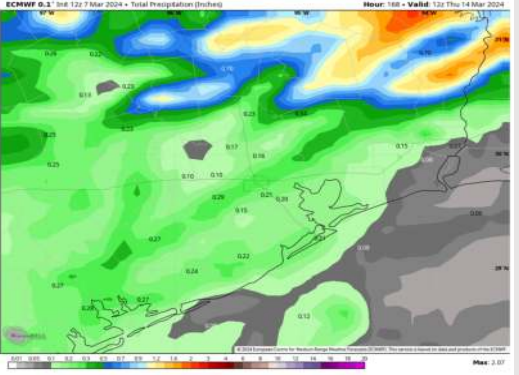
8-14 Day Temperature Departure



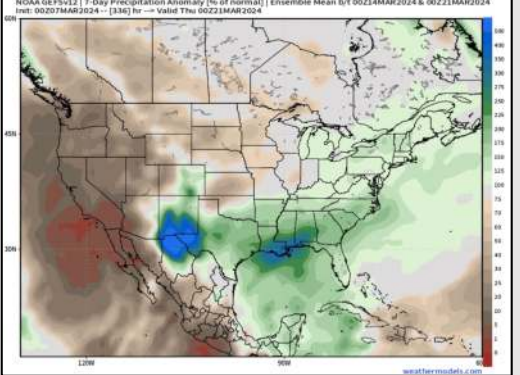
15-30 Day Temperature Departure



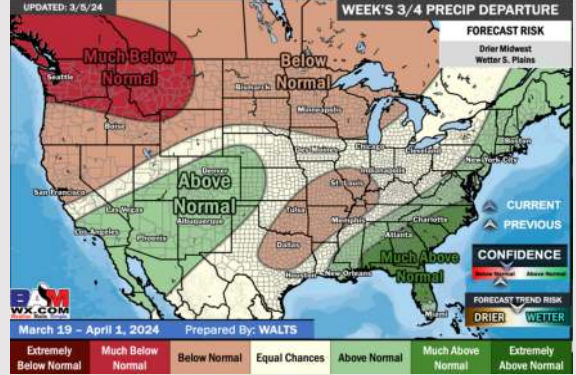
Next 7 Day Total Precipitation



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.