

Houston Pilots Forecast Package



Updated: 6:35 AM CT

Saturday, March 2, 2024

Forecaster: Will Danby

Weather Headlines

- A drier weekend is ahead. Rain chances continuing into the start of next week.
- Winds will be calm through the AM before gradually increasing during the PM today.
- **Coverage of fog extent this AM is not as widespread as anticipated. Check the slides for more details. We will need to watch for another round of sea fog this evening, mainly after 9 PM.**



Radar/NWS Alerts: 12:04 AM CT



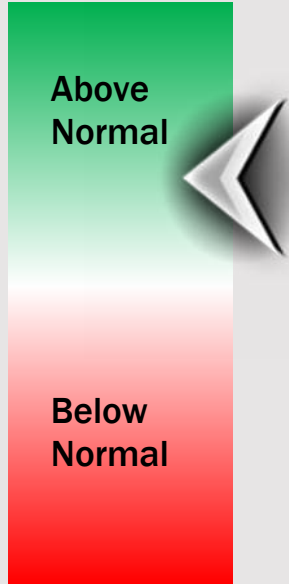
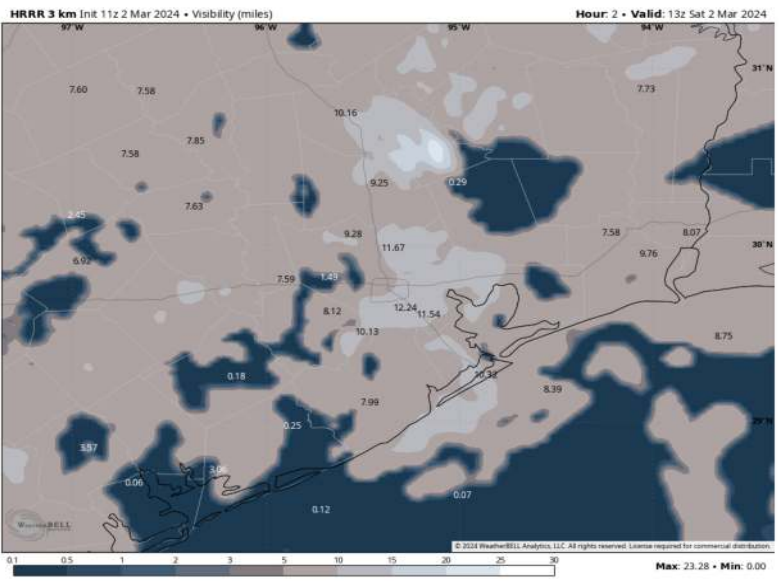
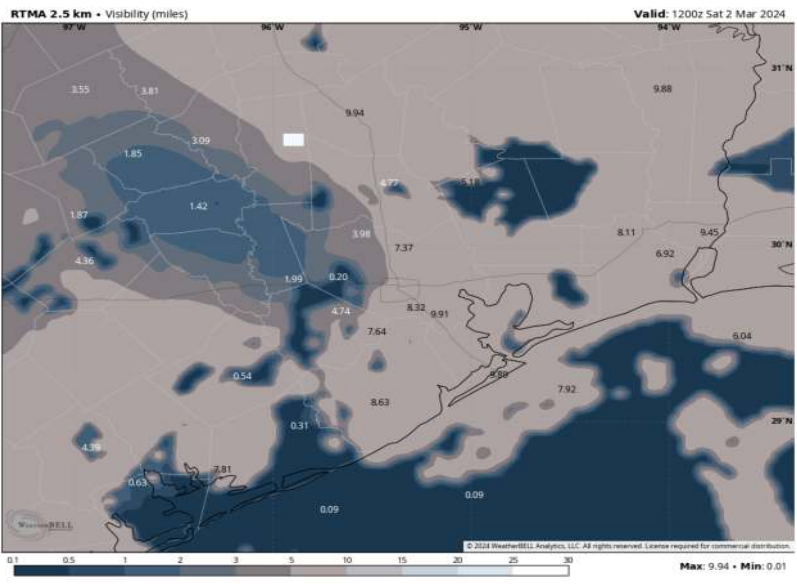
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Visibility Report



VISIBILITY: CURRENT 6 AM CT 8 AM CT SAT VISIBILITY

Confidence



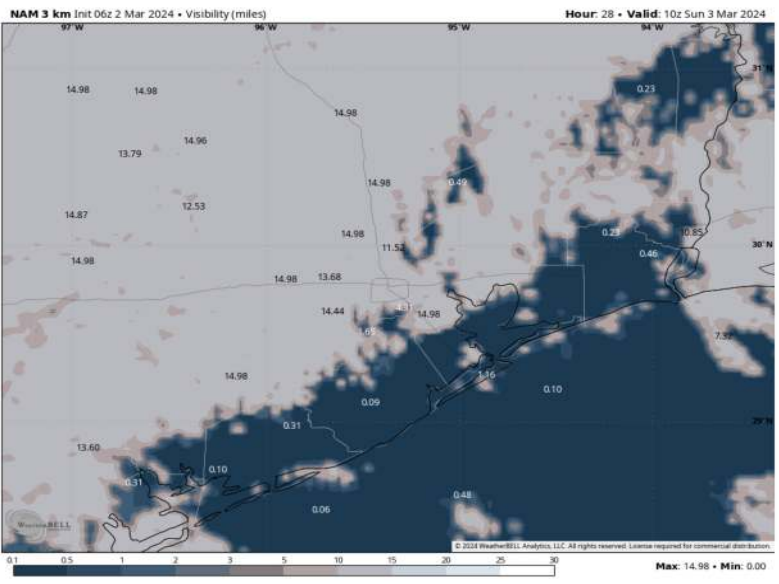
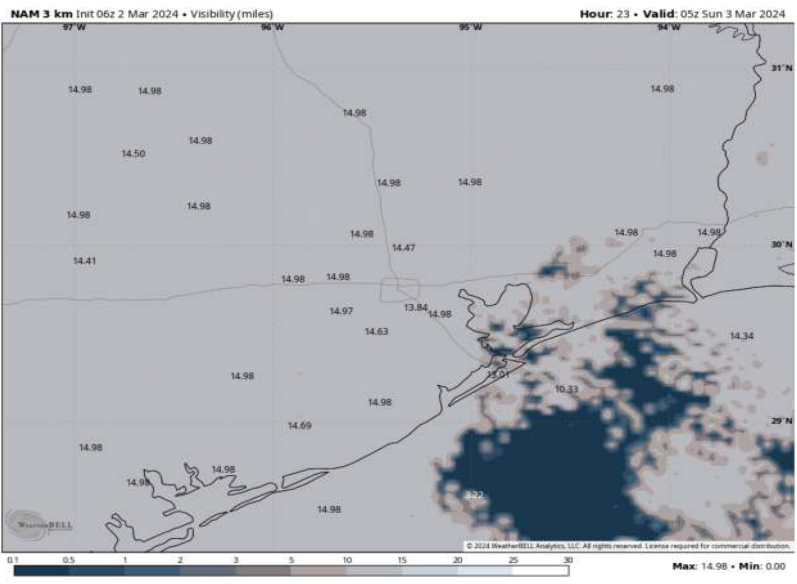
TIMEFRAME DISCUSSED	THREAT
CURRENT - 10 AM CT	Low

- Hi-resolution model data continues to be overdone with low level saturation estimation and as a result, sea fog/fog will not be nearly as extensive as previously mentioned
- Locations that can see some patchiness of 3-5 mi visibility would be near just Morgan's Point and EXXON 3 through 10 AM CT
- The mouth of the Bay at 25/26 and stations south (11/12 + Boarding Station) can also see some slightly reduced visibility of 3 -5 mi where there is slightly more available low-level saturation.
- Watching the **next wave of sea fog threats to roll in near 9 PM** tonight. Check the following slide for more details.

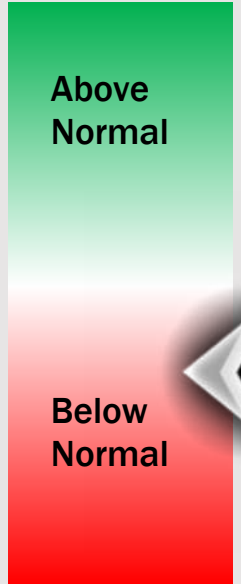
Houston Pilots Visibility Report



11 PM CT SAT VISIBILITY 4 AM CT SUN VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
9 PM CT SAT - 12 PM CT SUN	Medium - High

- Winds in the PM will shift from the SE by 4 PM this afternoon, and this will set the pre-stage for sea fog development after sunset.
- Wind speeds increase slightly from 4 - 8 kts at the Boarding Station to 7-11 kts by 10 PM. This slight uptick in the winds will help transport/initiate sea fog development
- Lower confidence is present on a start time, but 9 PM would be the earliest to watch this impact the Boarding Station + 11/12 first and expand from south to north. This risk is timing can be delayed a couple hours near 11 PM for this to initiate as there can be a slight lagged response in the uptick of winds to transport fog from the south.
- From there, coverage only expands north from roughly 11 PM - 1AM. Visibility of <1 mi favored for locations south of 51/52 while north of 51/52 can see ranges of 2 - 3 mi.
- Fog coverage remains persistent during the AM hours of Sunday. Coverage can start to become more patchy in nature after 7 AM through 10 AM, but more future updates will be needed.

Houston Pilots Extended Range Visibility Report



Tuesday 3/5/24

Not favoring a fog risk for Tuesday but need to watch trends for a patchier risk in the AM. Confidence remains low.



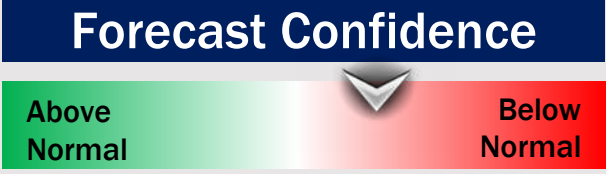
Thursday 3/7/24

Not favoring a fog risk for Thursday.



Wednesday 3/6/24

Currently monitoring a low-end risk for patchy fog Wednesday AM for Stations S of Morgan's Point.



Chance for Fog

Tuesday AM	Possible
Tuesday PM	Unlikely
Wednesday AM	Possible
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm
610 Bridge	3	2	1	1	1	1	1	1	1	3	3	3	4	4	5	5	7	8	7	7	6	5	5	4
	6	4	2	2	2	2	2	2	3	4	4	5	6	6	8	8	9	12	12	10	10	9	9	9
Kinder 1	SSW	WSW	WSW	NW	NNW	SW	SSE	ESE	ESE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SE	SE	SE	SSE	SSE	SSE	SSE
	3	2	1	1	1	1	1	1	1	3	3	3	4	4	5	6	7	7	7	7	6	5	5	5
Greens Bayou	5	4	3	2	2	2	2	2	3	5	4	5	6	6	8	9	10	12	12	10	9	9	9	8
	S	WSW	W	NW	NW	SSW	ESE	E	E	SE	SE	SE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE
Shell Crude	3	2	1	1	1	1	1	1	1	3	3	3	4	4	5	6	7	7	7	7	6	5	5	4
	5	4	2	3	2	1	2	2	4	5	4	5	6	7	8	10	10	11	12	10	9	9	9	8
Lynchburg Ferries	S	SW	W	NW	NNW	SW	ESE	E	E	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE
	3	1	1	1	1	1	1	1	1	2	3	3	3	5	5	7	7	7	7	6	6	5	5	4
Exxon 3	5	4	2	2	1	1	2	2	4	4	4	5	6	6	8	10	10	12	12	11	9	10	9	8
	S	SW	W	NNW	N	E	E	E	E	ESE	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE
Morgans Point	3	2	0	1	1	1	1	1	2	3	3	4	4	5	6	7	8	9	9	9	8	7	6	5
	5	4	3	3	2	1	2	3	4	4	5	6	7	8	10	11	13	13	13	12	11	10	10	9
75/76	S	SSW	WNW	NNW	N	N	E	ENE	ENE	E	ESE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
	5	3	2	2	3	3	3	3	4	5	5	5	6	7	9	11	12	12	12	11	9	9	8	8
63/64	7	5	3	3	4	4	4	4	5	6	7	8	9	11	13	14	17	18	18	17	15	13	13	12
	SSW	SSW	WSW	NW	N	N	ENE	E	E	E	E	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
51/52	4	3	1	1	2	2	2	3	3	4	5	5	4	5	7	9	11	12	11	11	10	8	8	7
	6	5	3	2	3	3	3	4	5	5	7	8	9	11	12	13	15	17	16	15	14	12	12	11
37/38	SSW	S	WSW	NW	NNW	N	NNE	ENE	E	E	E	E	ESE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
	3	2	1	1	1	1	1	2	3	3	4	4	5	5	7	9	9	10	10	9	8	7	7	7
25/26	4	4	2	2	1	1	2	4	4	6	7	8	9	9	11	13	13	14	14	13	12	11	10	10
	SSW	S	SSW	WNW	NNW	N	NNE	ENE	ENE	E	E	E	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
11/12	3	2	1	1	0	1	1	2	3	4	4	4	5	6	7	9	9	9	9	9	7	7	6	6
	4	3	2	2	0	1	1	4	5	6	7	8	9	9	11	13	13	14	13	13	11	10	9	9
1 & 2 Bravo	SSW	S	S	N	N	N	NNE	NE	ENE	ENE	E	E	E	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE
	2	1	1	1	0	1	1	2	3	3	5	5	6	7	7	7	8	7	7	6	6	5	5	5
1 & 2 Bravo	4	3	3	3	2	1	2	4	5	6	8	8	9	9	10	11	12	11	10	9	9	9	8	7
	SSW	S	S	N	N	N	NNE	NE	ENE	ENE	E	E	E	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE
1 & 2 Bravo	3	3	3	3	2	2	3	4	4	5	7	6	6	6	7	7	8	8	9	8	8	8	7	7
	4	4	4	4	3	3	4	6	6	7	10	9	10	9	10	10	12	12	13	12	12	12	11	11
1 & 2 Bravo	S	SE	ESE	E	ENE	NE	NNE	NE	ENE	ENE	E	E	E	E	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE

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Houston Pilots: Sat. 3/2/2024



Forecast Discussion

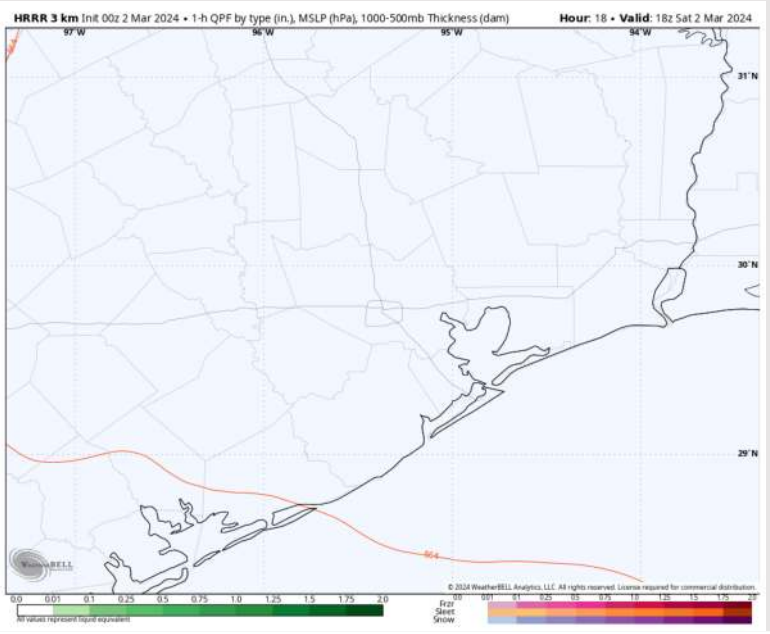
Precip: Favoring dry conditions for today.

Wind: Winds will remain calm and variable through 8AM before veering out of the E to out of the S through the early evening. **N of Morgan's Point:** Winds expected to remain calm until 12PM, when winds of 3 – 7 kts will be in play. **S of Morgan's Point:** Winds will sit at 4 – 8 kts from 8AM onward for the rest of the day.

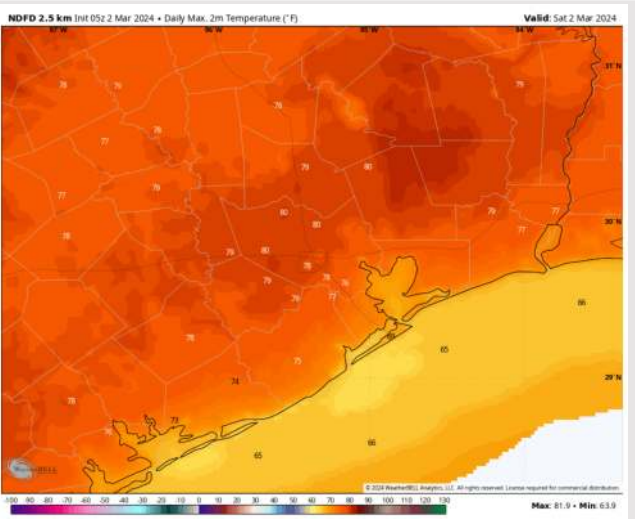
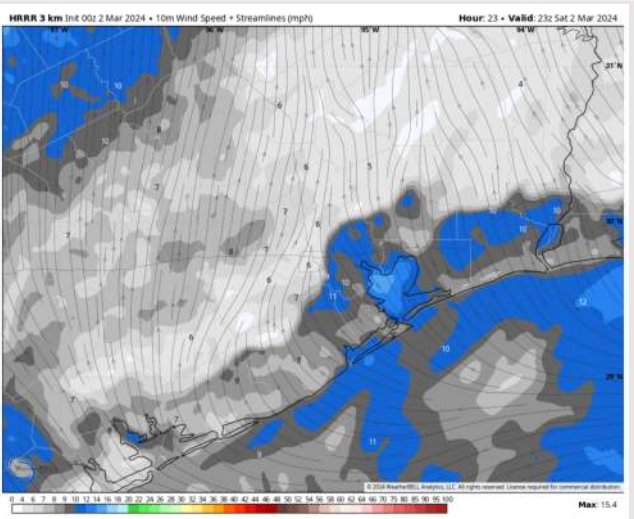
High Temps: **N of Morgan's Point:** Upper 70s F. **S of Morgan's Point:** Mid to Upper 60s F.

Visibility: Sea fog is favored to be present between 2 AM and 11 AM, although confidence on exact coverage remains lower. **See visibility slide for more info.**

Precip Image: 12 PM CT



Wind Speed:
5 PM CT



High Temps
Today

Houston Pilots: Sun. 3/3/2024



Forecast Discussion

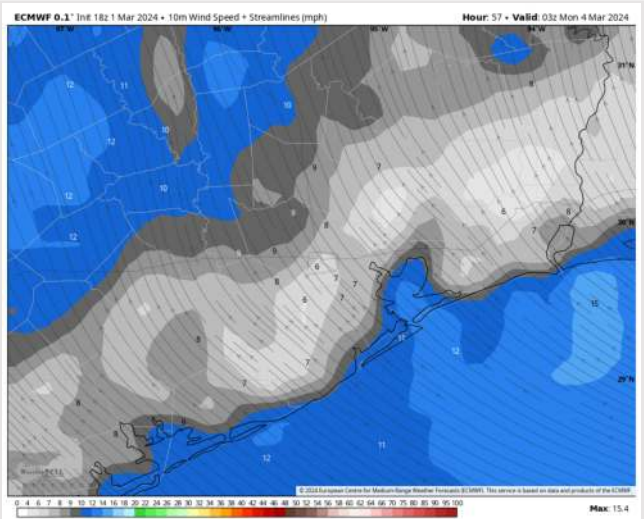
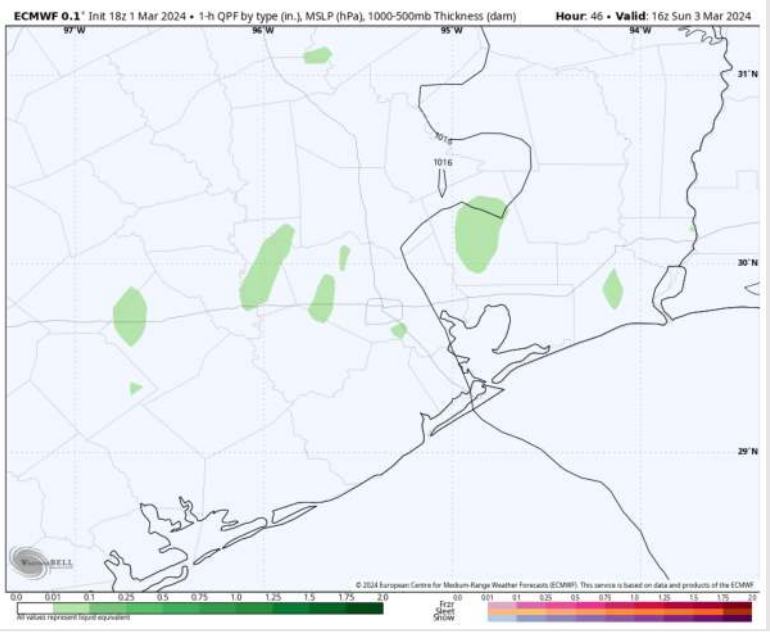
Precip: Isolated showers (10%) will be in play between 10 AM and 7 PM. Dry conditions favored for all other parts of Sunday.

Wind: Winds will be out of the S/SE throughout the day SUN. **N Morgan's Point:** 4 – 9 kts throughout the day. **S of Morgan's Point:** Winds at 4 - 9 kts through 7 PM, increasing to 7 – 12 kts after that time.

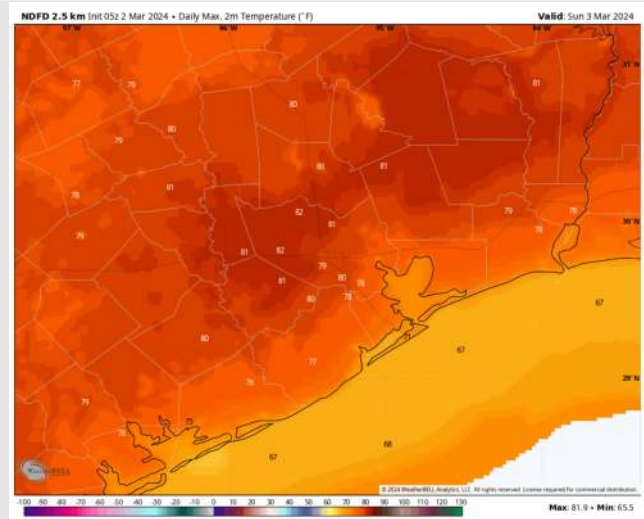
High Temps: **N of Morgan's Point:** Upper 70's-Low 80's F. **S of Morgan's Point:** Upper 60s-Low 70s F.

Visibility: A low-end risk for fog will be in play SUN AM, though better risk lies to the North of all Stations.

Precip Image: 10 PM CT



Wind Speed:
9 PM CT



High Temps
Sunday

Houston Pilots: Mon. 3/4/2024



Forecast Discussion

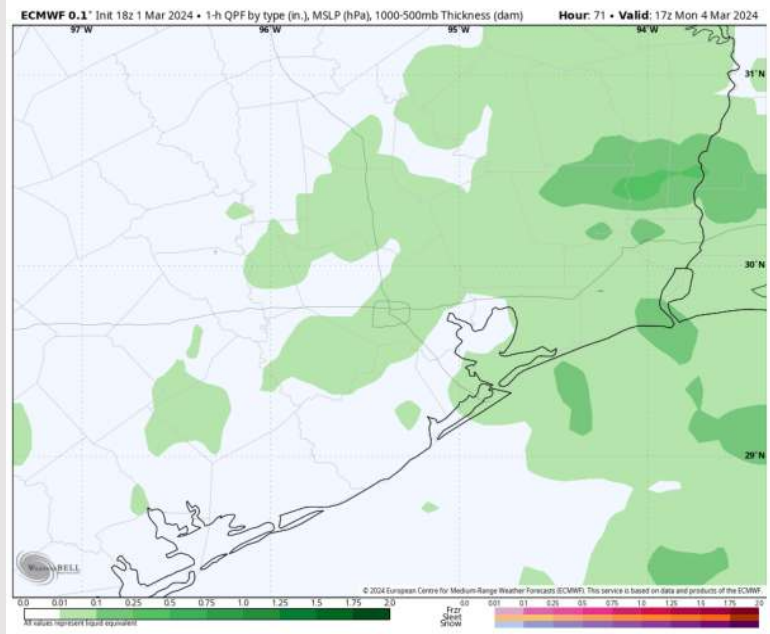
Precip: Hit/miss pockets of light showers (10%) will be in play through much of the AM before coverage begins increasing at 10 AM. Scattered showers (30-40%) will then decrease in coverage again after 4 PM, with hit/miss light showers lingering through the remainder of the evening.

Wind: Winds will be out of the S/SE throughout the day Monday. **N Morgan's Point:** 3-8 kts throughout the day. **S of Morgan's Point:** Winds will remain at 7-12 kts throughout the day. **Wind gusts of 8 – 13 will be possible for stations N of Morgan's Point after 9 AM.**

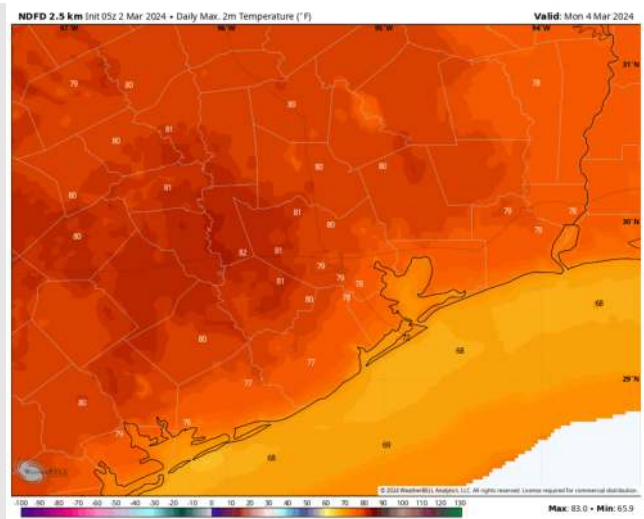
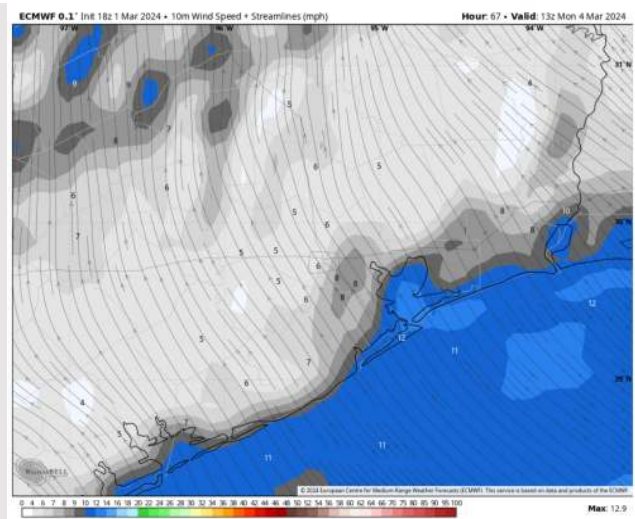
High Temps: **N of Morgan's Point:** Upper 70's-Low 80's F. **S of Morgan's Point:** Upper 60s-Low 70s F.

Visibility: Not favoring a fog risk for Monday but will need to watch trends if at least a patchier risk can develop for the Boarding Station prior to 10 AM. Confidence remains low.

Precip Image: 11 AM CT



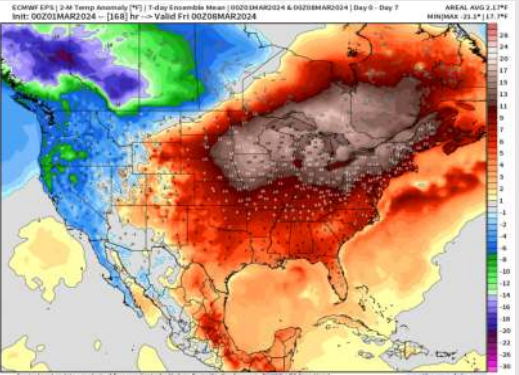
Wind Speed:
7 AM CT



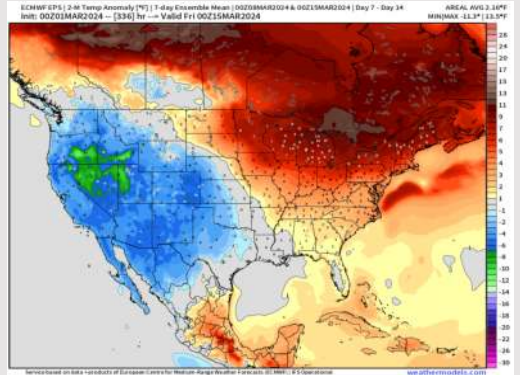
High Temps
Monday

Houston Pilots: 3/2/24

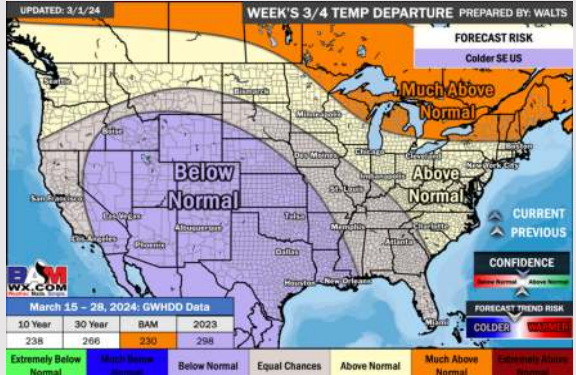
Next 7 Day Temperature Departure



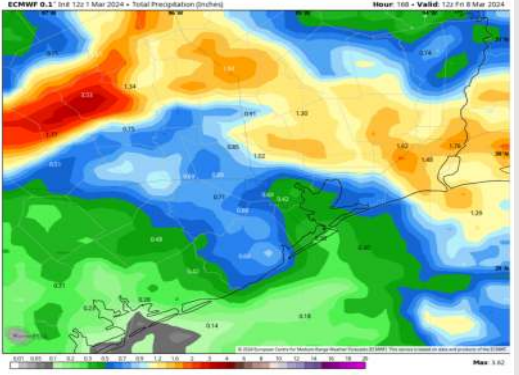
8-14 Day Temperature Departure



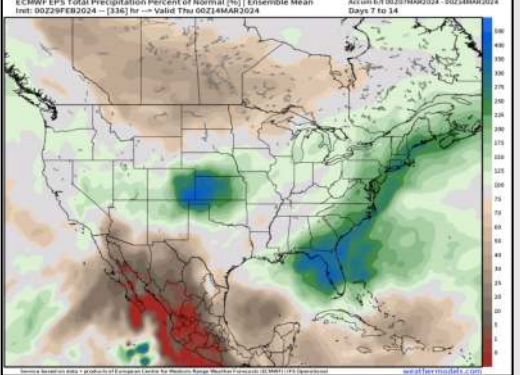
15-30 Day Temperature Departure



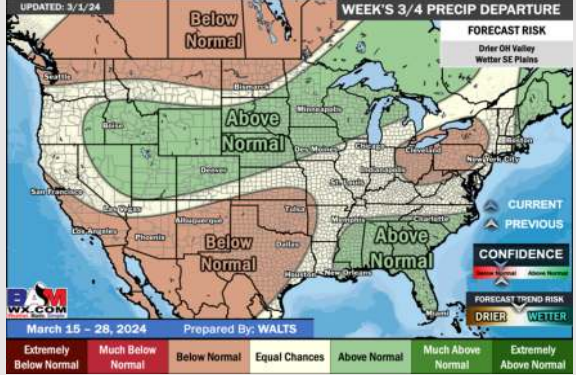
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- A drier weekend is ahead, with rain chances returning early next week. Above normal temperatures favored for the week ahead.
- Seasonable precipitation chances are at play during the week 2 timeframe. Temps expected to be seasonable as well.
- Below normal temperatures and seasonable chances for precipitation are favored in the weeks 3/4 timeframe.