

Houston Pilots Forecast Package



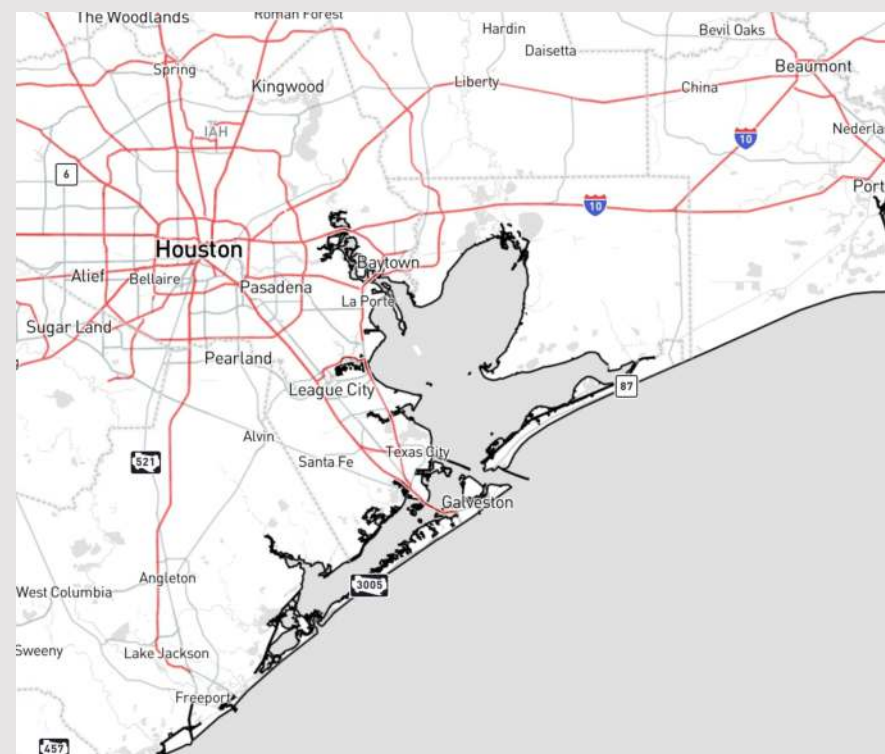
Updated: 1:35 AM CT

Friday, March 15, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Storm chances push in this AM. Chances will then continue through the weekend.
- Winds will remain generally mild with non storm related gusts reaching up to 25 kts at times. Storm related gusts may reach 30 – 40 kts.
- Patchy Fog risks favored for much of the day. **See visibility slide below for more information.**



Current Radar: 1:24 AM CT

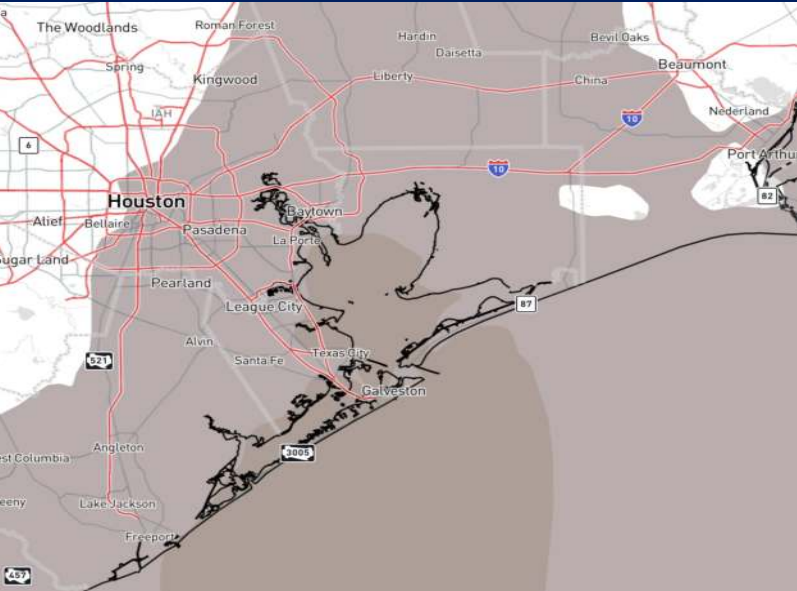


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

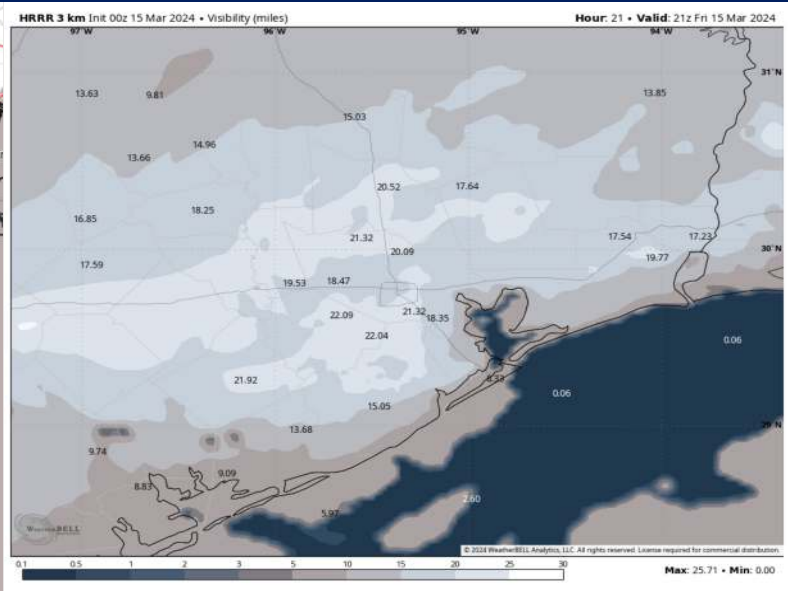
Houston Pilots Visibility Report



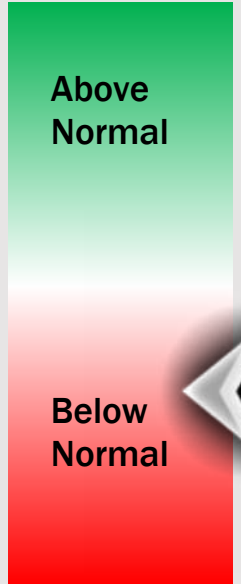
Current Visibility as of 1 AM CDT



4 PM CDT FRI VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
CURRENT - 9 PM FRI	MED

- Patchy / hazy conditions continue to reduce visibility to 2 – 4 miles from Morgan’s Point through the Boarding Station. Cannot rule out isolated instances of visibility dropping to below 1 mile through 7 AM, with the greatest risk between Morgan’s Point and Station 63/64.
- After 7 AM, this patchy fog will again increase in coverage across the coastline and into the Gulf, reducing visibility to less than 0.5 mile at the Boarding Station.
- By Noon Friday, this more widespread dense fog will have crept N into the Bay impacting stations up through Morgan’s Point where it could possibly linger through 9 PM CT Friday night. This is when winds will shift and push fog out of the monitored region.

Houston Pilots Extended Range Visibility Report



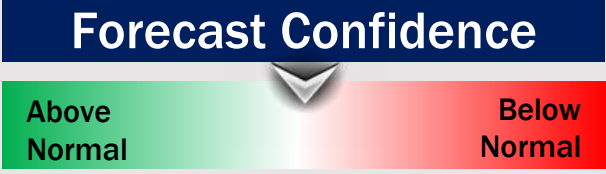
Monday 3/18/24

Fog is not favored for MON.



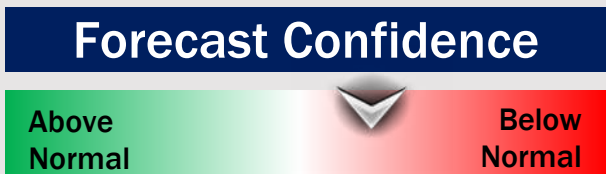
Tuesday 3/19/24

Fog is not favored for TUE.



Wednesday 3/20/24

Fog is not favored for WED.



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 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	Sat 12am	Sat 1am
610 Bridge	4	4	4	4	3	3	3	3	4	5	6	7	9	10	10	10	10	9	10	8	6	5	4	3
Kinder 1	4	4	4	4	3	3	3	3	4	5	6	7	9	10	10	10	10	9	10	8	6	5	4	3
Greens Bayou	4	4	4	4	3	3	3	3	4	5	6	7	9	10	10	10	10	9	10	8	6	5	4	3
Shell Crude	4	4	4	4	3	3	3	3	4	5	6	7	9	10	10	10	10	9	10	8	6	5	4	3
Lynchburg Ferries	4	4	4	4	3	3	3	3	4	5	6	7	9	10	10	10	10	9	10	8	6	5	4	3
Exxon 3	4	4	4	4	2	2	3	3	4	5	6	7	9	10	10	10	10	9	9	6	6	5	4	3
Morgans Point	4	4	4	3	1	2	2	3	4	5	6	7	9	10	10	10	10	9	9	6	6	5	4	3
75/76	3	3	3	2	1	0.8	0.5	1	2	3	4	6	6	6	8	8	8	8	5	5	0.2	0.2	0.2	0.2
63/64	3	3	3	2	1	1	0.8	1	2	4	4	6	6	6	8	8	8	8	4	4	1	0.2	0.2	0.2
51/52	3	3	2	2	1	2	1	1	2	4	4	5	6	5	8	8	7	5	1	5	5	1	0.7	0.2
37/38	3	3	2	1	2	2	1	1	2	3	4	5	5	5	6	6	5	4	1	4	4	1	1	0.2
25/26	3	3	1	1	2	2	1	1	2	3	4	3	2	4	5	5	4	1	0.7	2	4	0.5	1	0.2
11/12	3	3	2	1	2	2	1	0.3	2	3	3	3	1	3	1	1	0.8	0.2	0.2	0.7	0.7	0.2	0.7	0.2
1 & 2 Bravo	3	3	2	1	2	2	1	0.3	0.3	1	0.5	1	0.8	1	0.1	0.1	0.1	0.2	0.2	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	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	Sat 12am	Sat 1am
610 Bridge	9	8	7	7	7	5	5	5	5	6	5	6	6	5	6	5	5	5	5	5	4	4	4	4
	19	16	15	13	13	11	10	11	12	12	11	11	12	12	11	12	11	11	10	9	8	8	7	8
	SSE	S	S	S	S	S	S	S	SSW	S	SSW	NE	NE	NE	ENE	E	ESE	ESE	E	E	ESE	E	ENE	E
Kinder 1	9	8	7	7	6	5	5	5	6	5	5	6	6	5	6	6	5	5	5	4	4	4	4	5
	19	16	14	13	13	11	10	11	12	11	11	12	12	12	11	11	11	10	10	9	8	8	7	9
	SSE	S	S	S	S	S	S	S	SSW	S	SSW	NE	NE	ENE	ENE	ESE	ESE	E	E	ESE	E	ENE	E	ENE
Greens Bayou	9	8	7	6	6	5	5	5	6	6	5	6	6	6	6	5	5	5	5	4	4	3	3	4
	18	16	14	13	12	11	10	11	12	12	11	11	12	11	10	10	11	11	10	8	8	7	7	8
	SSE	S	S	S	S	S	S	S	SSW	S	SSW	E	ENE	ENE	ENE	ESE	ESE	E	ESE	ESE	E	ENE	E	NE
Shell Crude	9	7	7	6	6	5	5	5	6	6	6	6	6	6	5	6	5	5	5	4	4	3	3	4
	17	15	14	13	13	11	10	11	12	12	12	11	11	11	11	11	11	11	10	9	8	7	7	8
	SSE	S	S	S	S	S	S	S	S	S	SSW	E	ENE	ENE	ENE	ESE	ESE	E	ESE	ESE	E	ENE	E	NE
Lynchburg Ferries	8	7	6	6	5	5	4	5	6	6	6	6	6	6	6	5	5	5	5	4	3	3	3	3
	16	13	13	12	11	10	8	11	12	12	11	11	11	11	11	10	11	11	10	9	7	7	7	7
	SSE	SSE	S	S	S	S	S	S	S	S	SSW	E	ENE	ENE	E	ESE	SE	SE	ESE	SE	ESE	E	ENE	E
Exxon 3	9	8	7	7	6	5	5	5	6	6	6	6	7	6	7	7	7	7	5	5	5	5	4	4
	17	16	14	13	13	11	10	11	12	13	12	12	13	13	13	13	13	12	10	10	9	9	8	7
	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	E	E	ENE	E	ESE	SE	ESE	ESE	ESE	E	E	ENE	E
Morgans Point	8	7	7	6	6	5	5	5	6	6	7	6	7	7	7	7	7	7	5	5	5	5	4	4
	15	14	14	13	12	10	9	11	11	12	13	13	13	13	12	12	13	12	10	9	9	9	8	8
	SSE	SSE	S	S	S	S	S	SSE	S	S	E	ENE	ENE	E	ESE	SE	ESE	ESE	ESE	ESE	E	ENE	ENE	ENE
75/76	10	10	9	8	7	7	7	7	8	7	9	8	8	8	9	9	10	10	9	7	6	6	5	5
	14	14	13	12	12	11	11	11	13	13	14	14	14	14	14	15	15	14	13	11	9	9	8	7
	SSE	SSE	S	S	S	S	S	SSE	SSE	SE	E	ENE	E	ESE	SE	ESE	ESE	ESE	E	E	E	ENE	ENE	ENE
63/64	9	9	8	7	7	7	6	7	7	7	9	7	7	8	8	9	9	9	7	5	5	5	5	5
	14	13	13	13	11	10	9	11	12	13	14	14	14	14	13	14	14	14	13	11	8	9	8	7
	SSE	SSE	S	S	S	S	S	S	SSE	SE	E	ENE	E	ESE	ESE	ESE	ESE	ESE	E	E	ENE	ENE	ENE	ENE
51/52	9	8	8	7	6	5	5	5	7	7	9	8	7	7	7	8	9	9	8	7	5	5	5	4
	14	13	13	12	11	9	9	9	11	12	13	14	13	13	13	13	13	12	10	9	9	9	8	8
	SSE	SSE	S	S	S	S	S	SSE	SSE	SE	E	E	E	ESE	ESE	ESE	ESE	ESE	E	E	E	E	ENE	ENE
37/38	9	8	8	7	6	5	5	5	6	7	9	8	7	7	7	7	8	8	7	7	5	5	5	4
	14	13	13	12	12	9	9	9	11	13	13	14	13	13	13	13	12	12	10	10	8	9	7	7
	SSE	SSE	S	S	S	S	S	SSE	SSE	SE	E	E	E	ESE	ESE	ESE	ESE	ESE	E	E	E	E	E	ENE
25/26	9	8	8	7	6	6	5	6	5	7	9	9	7	7	8	8	7	7	7	5	5	5	5	4
	15	13	13	12	12	10	9	10	10	12	13	14	13	13	12	13	11	11	10	10	8	8	8	8
	SSE	SSE	S	S	S	S	S	S	S	SE	E	E	E	ESE	ESE	ESE	ESE	ESE	E	E	E	E	E	ENE
11/12	8	7	7	6	6	5	5	5	5	7	9	9	7	7	7	7	6	6	5	5	4	4	4	4
	14	14	13	12	11	10	9	9	9	11	13	14	12	12	11	11	9	10	9	9	8	9	8	8
	SSE	SSE	S	S	S	S	S	S	S	SSW	S	E	E	E	ESE	E	ESE	E	E	E	E	E	E	ENE
1 & 2 Bravo	11	10	10	9	9	9	7	7	7	7	9	9	8	7	7	8	7	7	7	7	7	7	6	6
	18	17	16	14	13	13	12	10	11	12	13	14	13	12	12	12	11	11	12	11	11	12	11	10
	SSE	SSE	SSE	S	S	S	S	S	S	S	SE	E	ESE	E	E	E	E	E	E	E	E	E	E	E

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Houston Pilots: Fri. 3/15/2024



Forecast Discussion

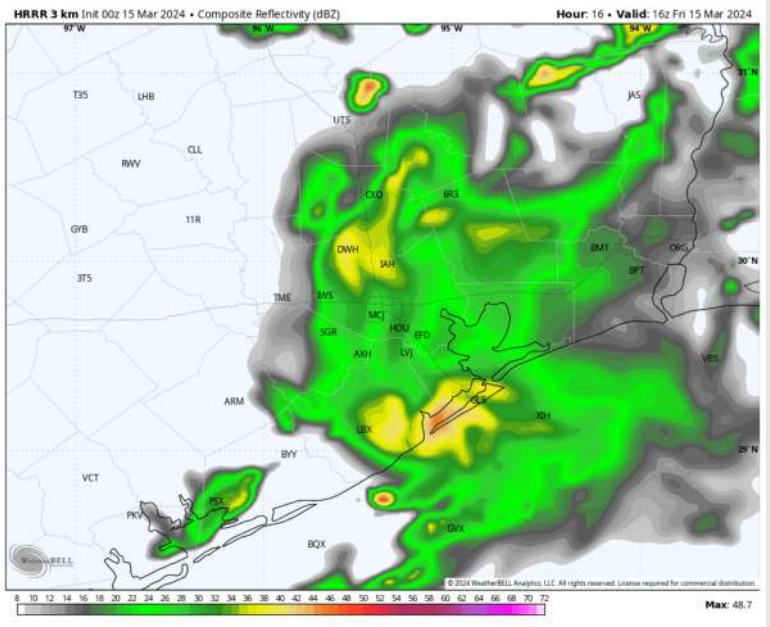
Precip: Showers and storms are favored to increase in coverage beyond 7AM, with a few stronger storms in play as weak front pushes through. During the evening hours, a line of storms likely to impact all stations after 6PM. A few locally strong storms will be in play with hail and wind gusts of 30 - 40 kts.

Wind: Winds out of the S / SSE throughout the day before veering out of the N immediately following the passage of front / storm line (~10PM). **N Morgan's Point:** Winds at 7 - 13 kts through 10PM, then winds slightly decrease to 5 - 8 kts. **S of Morgan's Point:** 12 - 16 kts expected for the entire day. **Non-thunderstorm gusts of 18 - 23 kts cannot be ruled out throughout the PM prior to passage of front.**

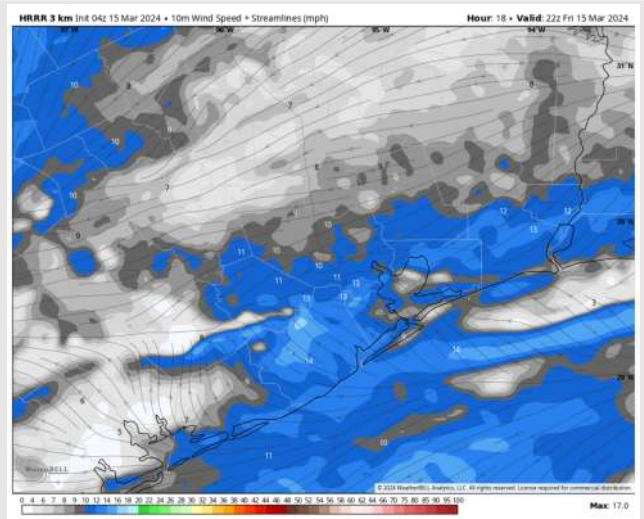
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Low to Mid 70s F.

Visibility: Patchy fog will be possible through the AM. Then, needing to watch timing of precip, but SE winds would allow for foggy setup behind rain chances. Heavier downpours can result in reduced visibilities as well but can also help to mix the atmosphere and reduce fog risks N of the coastline.

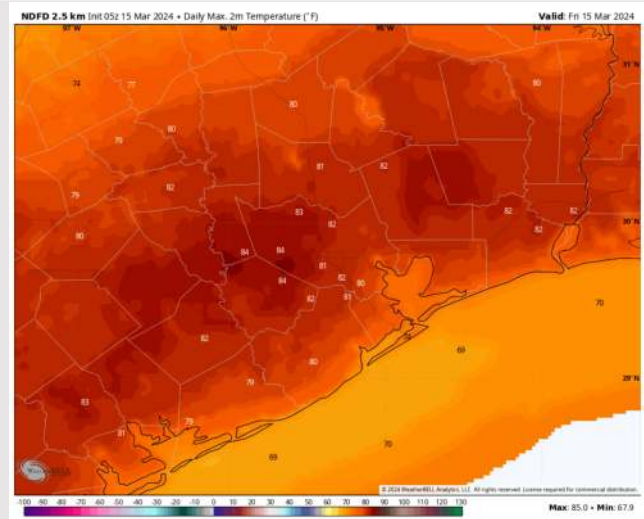
Precip Image: 11 AM CT



Wind Speed
5 PM CT



High Temps
Today



Houston Pilots: sat. 3/16/2024



Forecast Discussion

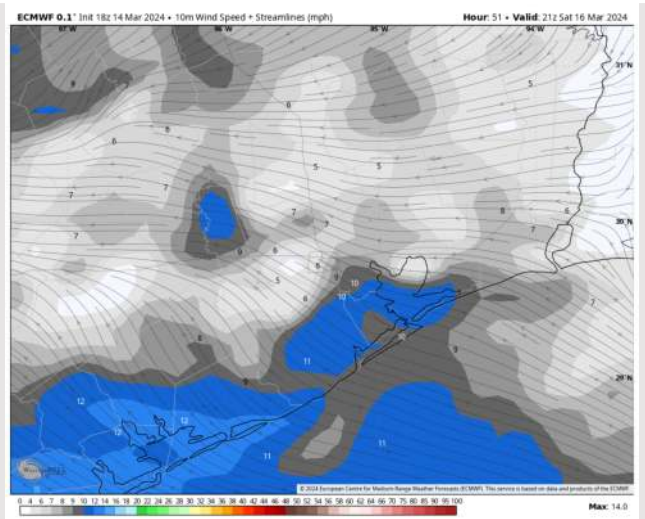
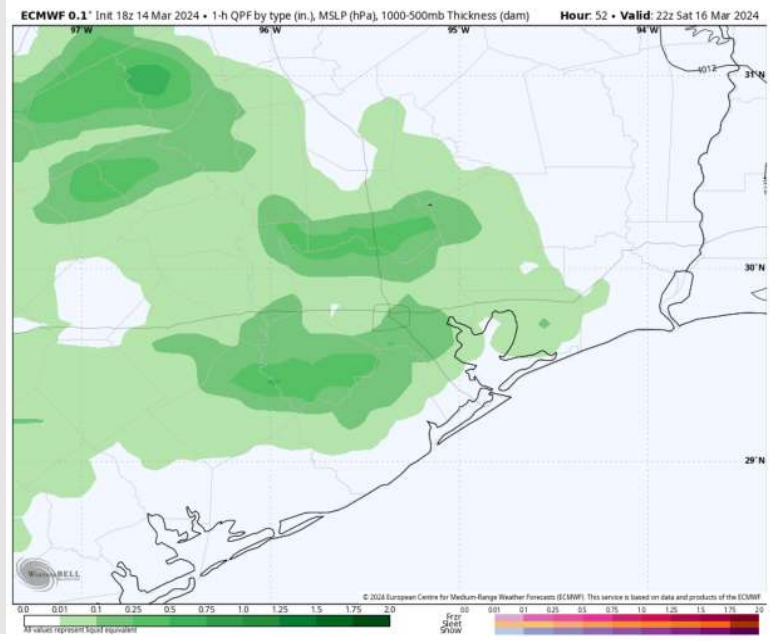
Precip: Scattered to organized pockets of storms will be possible after 2 PM. Severe threat appears low, but a few localized storm gusts of 40 – 50 kts and pockets of hail can't be ruled out.

Wind: Winds will be out of N/NNE before 8AM before returning to out of the ESE / SE. **N Morgan's Point:** Winds expected to remain at 3 - 6 kts through 2 PM. After 2 PM, winds of 5 – 8 kts will be possible. **S of Morgan's Point:** Winds at 7 - 10 kts will be possible for the entire day. **Wind gusts of 25 kts possible after 3 PM CT for stations S of Morgan's Point.**

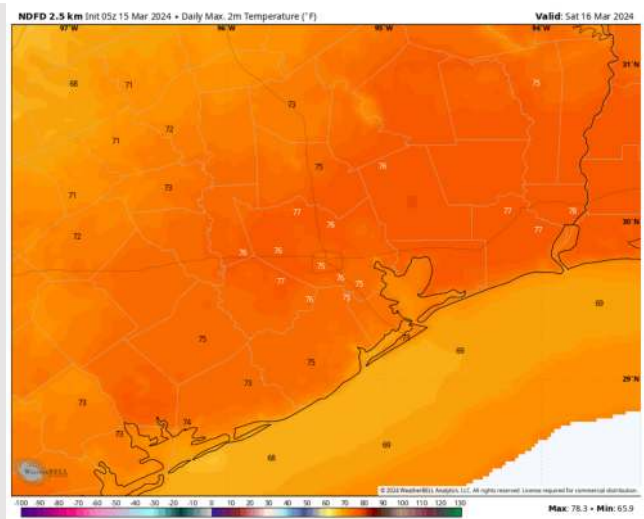
High Temps: **N of Morgan's Point:** Mid 70's F. **S of Morgan's Point:** Upper 60s / Near 70 F .

Visibility: Not anticipating fog risks at this time.

Precip Image: 5 PM CT



Wind Speed:
4 PM CT



High Temps
Saturday

Houston Pilots: Sun. 3/17/2024



Forecast Discussion

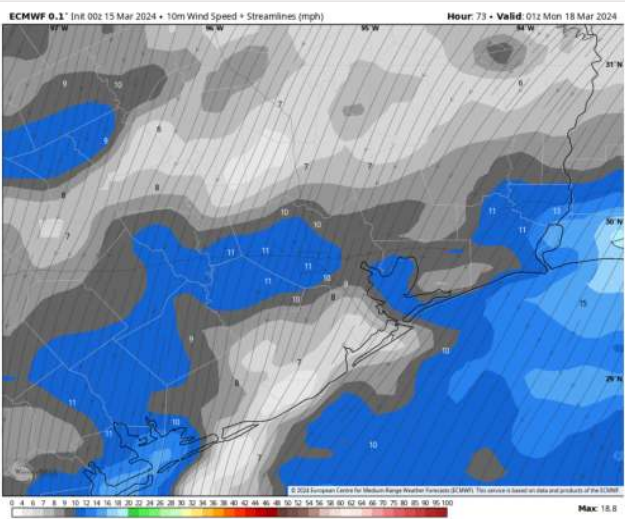
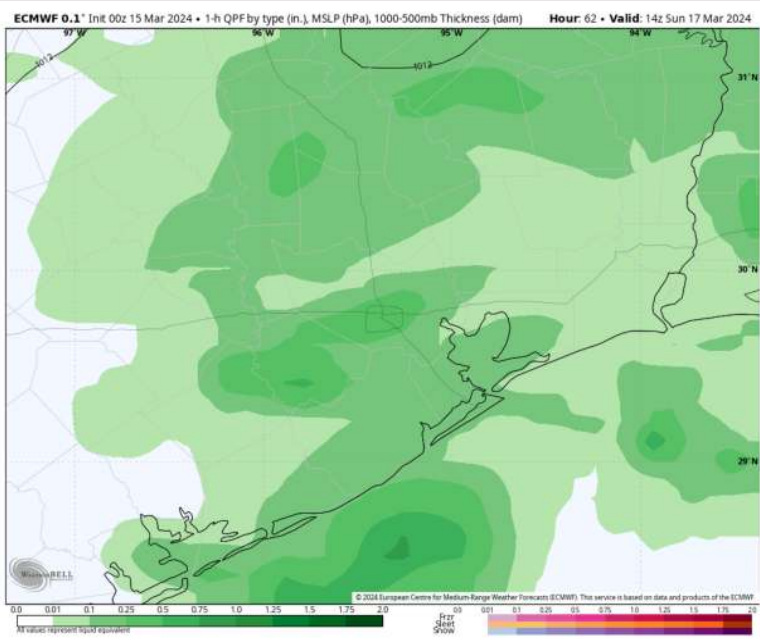
Precip: Scattered showers and storms continue into SUN AM, becoming widespread in nature by 6 AM. Lightning, pockets of hail and 30-40 kt gusts cannot be ruled out with storm. Widespread showers and storms gradually slide to the East and become scattered once again by 2 PM, before tapering off at 7 PM.

Wind: Winds will be variable through 1 PM before settling out of the NE at that time. **N of Morgan's Point:** Winds at 2-7 kts through 5 PM, increasing to 4-9 kts after that time. **S of Morgan's Point:** 5-10 kts through 11 AM, decreasing to 3-8 kts after that time before returning to 5-10 kts by 8 PM.

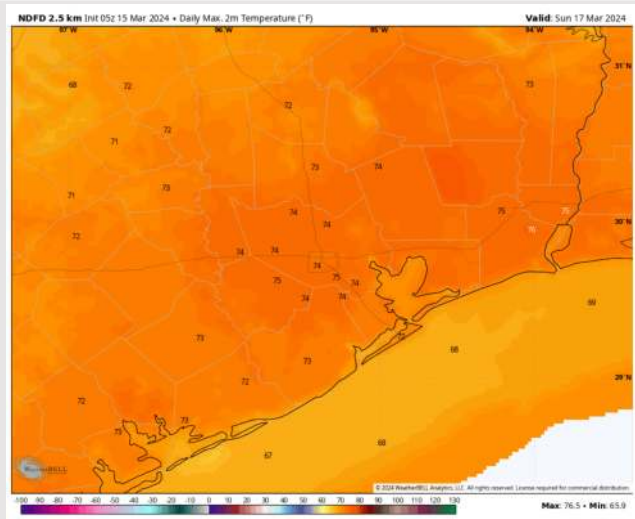
High Temps: **N of Morgan's Point:** Mid 70's F. **S of Morgan's Point:** Upper 60s / Near 70 F.

Visibility: Visibility concerns not favored for Sunday

Precip Image: 9 AM CT

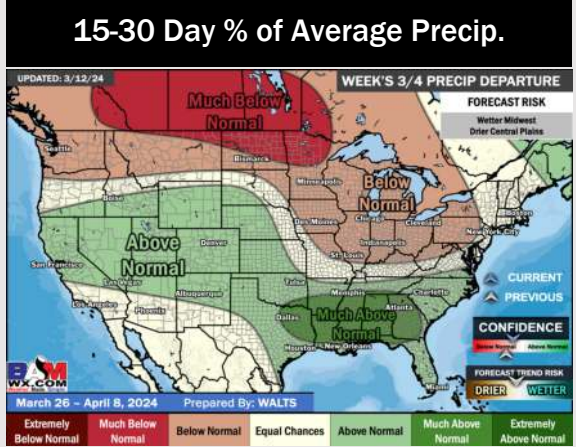
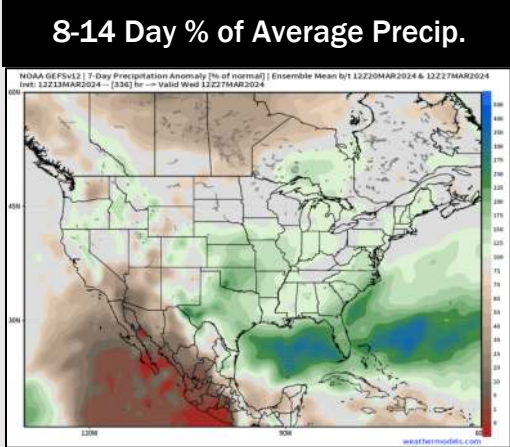
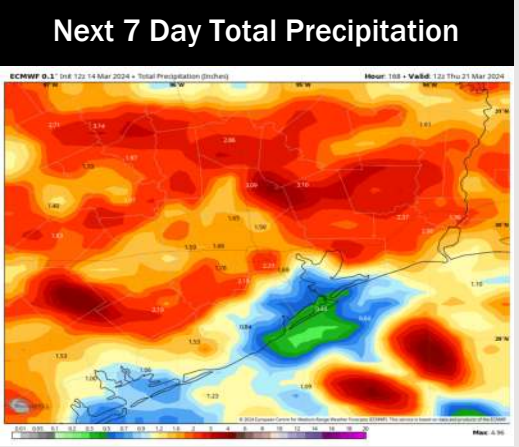
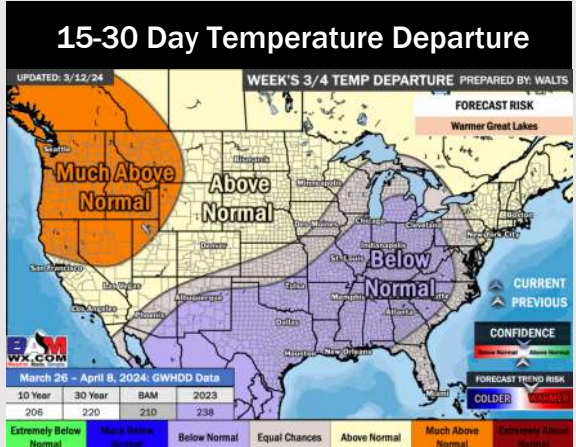
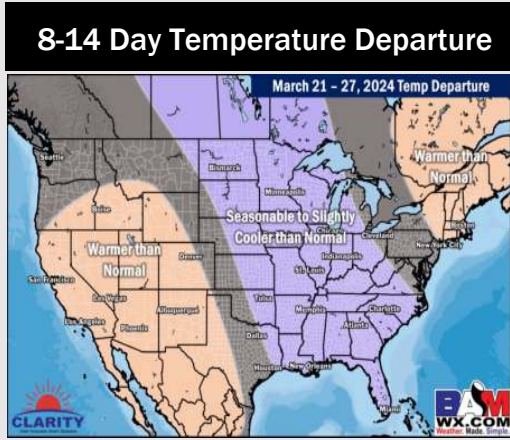
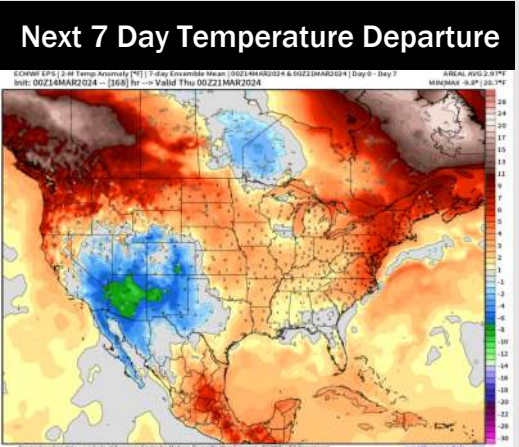


Wind Speed:
8 PM CT



High Temps
Sunday

Houston Pilots: 3/15/24



- Multiple shots of rain/ storms will be possible through the weekend and into next week. Temperatures expected to sit above normal.
- Slightly above normal precipitation chances are at play during the week 2 timeframe. Temps expected to be seasonable to below normal.
- Below normal temperatures and above normal chances for precipitation are favored in the weeks 3/4 timeframe.