

Houston Pilots Forecast Package

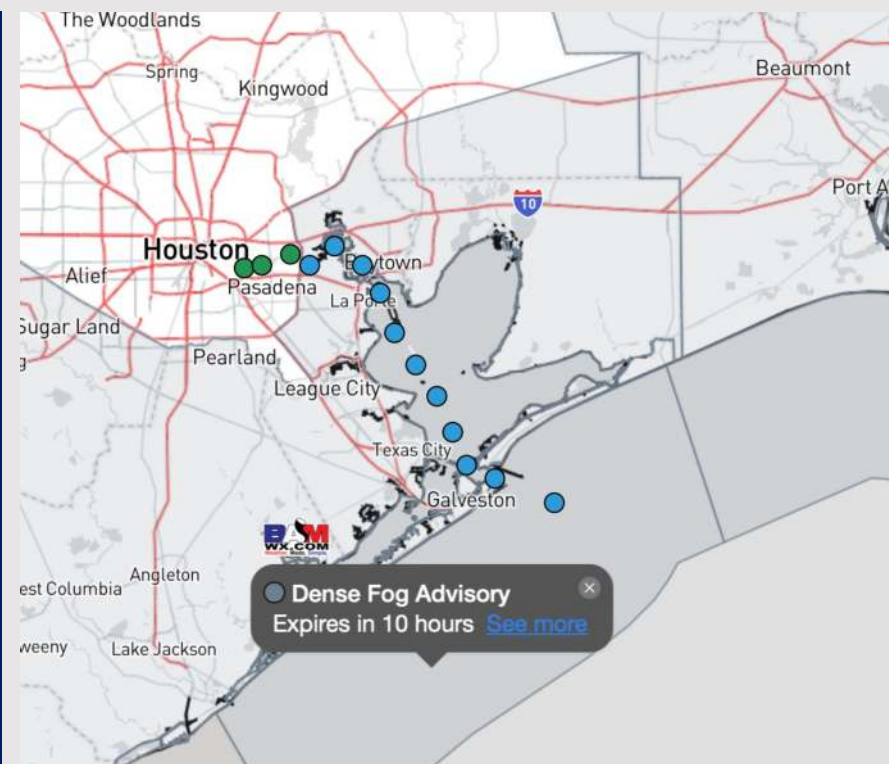


Updated: 12:40 AM CT
Sunday, March 3, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Drier weekend continues. Rain chances expected to return into the start of next week.
- Winds generally calm today, with winds gradually increasing during the later PM today for Stations S of Morgan's Point.
- **Sea fog risks expected to linger through the AM. See Visibility slide for more details.**



Radar/NWS Alerts: 12:39 AM CT

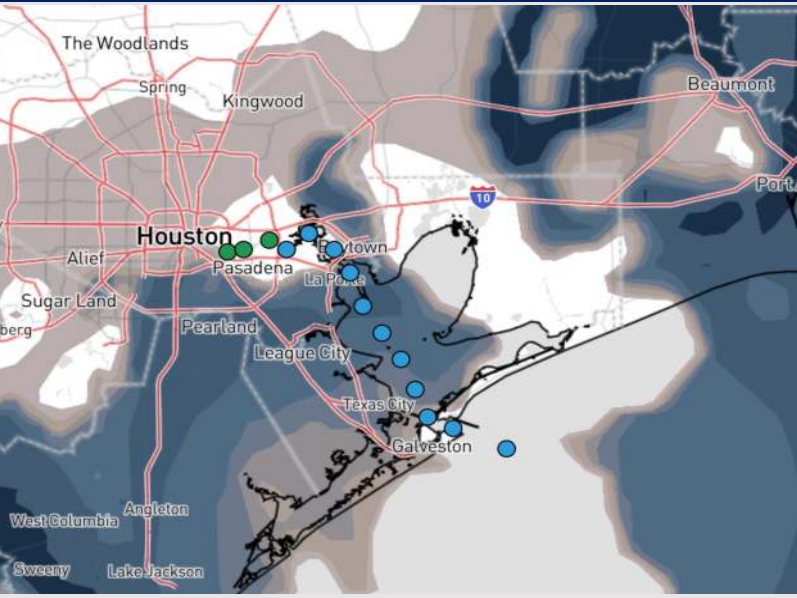


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

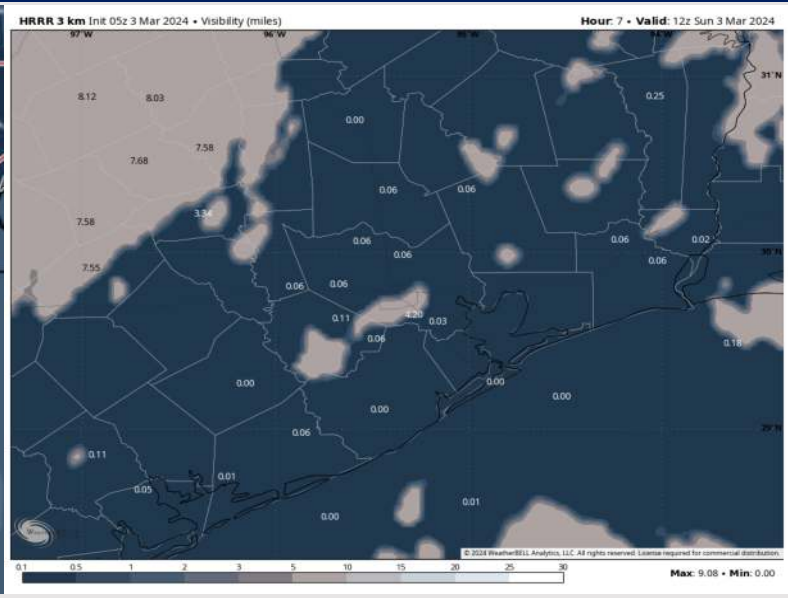
Houston Pilots Visibility Report



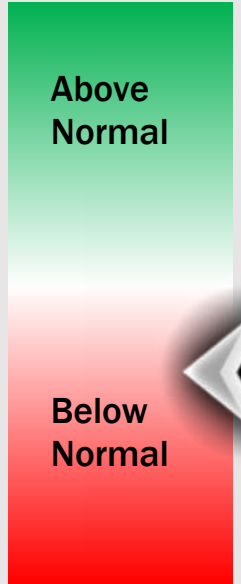
Current Visibility as of 12:00 AM CST



6 AM CT SUN VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
Current - 7 PM CT SUN	Medium - High

- Patchy to widespread fog risk expected to persist with visibility of <1 mi favored for locations south of Morgan's Point while north of Morgan's Point can see ranges of 2 - 3 mi.
- Fog coverage remains persistent during the AM hours today. Coverage can start to become patchier in nature after 7 AM through 10 AM for Station's N of Morgan's Point, with fog coverage for these Stations expected to taper completely by 12 PM.
- Lower confidence exists on the stop time of fog for Station's S of Morgan's Point. Latest hi-res model data would suggest fog chances can stick around as conditions remain favorable for sea fog. Currently thinking patchy fog risks for these Stations can linger as late as 7 PM.

Houston Pilots Extended Range Visibility Report



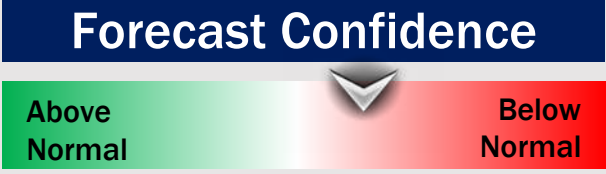
Wednesday 3/6/24

Lower confidence at this time, however with calmer winds settling out of the SW TUE PM, conditions become somewhat favorable for sea fog formation WED AM.



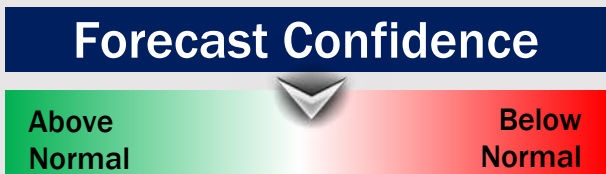
Thursday 3/7/24

Winds expected to remain calmer and out of the SE, making for favorable conditions for sea fog formation



Friday 3/8/24

Not favoring a fog risk for Friday.



Chance for Fog

Wednesday AM	Probable
Wednesday PM	Possible
Thursday AM	Possible
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am
610 Bridge	4	4	4	4	3	3	3	3	4	5	5	5	6	7	8	8	9	8	7	6	6	5	5	5
	8	8	8	7	7	7	6	7	8	8	9	9	11	13	13	13	13	13	12	11	11	11	10	11
	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Kinder 1	4	4	4	4	3	3	3	4	4	5	5	5	6	7	7	8	9	8	7	6	6	5	5	5
	8	8	8	7	7	7	7	7	8	8	9	10	11	13	13	13	13	13	12	11	11	11	10	11
	SSE	SSE	SSE	SSE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Greens Bayou	4	4	4	4	3	3	3	4	4	5	5	5	7	7	7	9	8	7	7	6	6	5	5	5
	8	7	8	7	7	7	7	7	8	8	9	9	11	13	13	13	13	13	12	11	11	10	10	11
	SSE	SSE	SE	SSE	SE	SSE	SSE	SE	SE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Shell Crude	3	4	4	4	3	4	4	4	4	5	6	5	7	7	8	8	8	7	7	6	6	5	5	5
	7	7	8	7	7	8	7	8	8	8	9	9	10	13	13	13	13	13	12	11	11	10	10	10
	SSE	SSE	SE	SSE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Lynchburg Ferries	3	3	4	3	3	3	3	4	4	5	5	5	6	7	8	8	8	7	6	6	5	5	5	5
	7	7	8	7	6	7	7	8	8	8	9	9	11	12	13	13	13	13	11	11	11	10	10	10
	SSE	SSE	SSE	SSE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Exxon 3	4	4	5	4	5	4	4	5	5	5	5	5	7	7	9	9	9	9	9	8	7	7	6	6
	7	8	8	8	7	8	8	8	8	10	11	10	11	13	14	14	14	13	13	12	12	11	11	10
	SSE	SSE	SSE	SSE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Morgans Point	4	4	4	4	4	4	4	4	5	5	5	5	7	7	9	9	9	9	8	7	7	7	6	6
	7	7	8	8	7	8	8	8	8	9	10	10	11	12	13	14	14	13	12	12	12	11	11	11
	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
75/76	6	5	5	6	6	6	7	6	6	6	6	6	7	9	10	11	12	12	11	10	9	9	9	9
	8	8	8	9	9	9	9	9	9	10	10	10	11	12	13	15	17	18	17	15	14	13	13	13
	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
63/64	5	5	5	5	5	5	5	6	6	6	6	6	7	8	10	10	11	11	10	9	8	9	9	8
	7	7	7	7	8	8	8	9	9	10	10	11	12	13	14	15	16	15	14	14	14	12	13	12
	SSE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
51/52	4	4	4	4	5	5	5	5	5	5	6	7	7	8	9	9	10	9	9	8	8	8	8	7
	6	5	6	6	6	7	8	8	9	9	10	11	12	13	14	13	14	13	13	12	12	12	12	11
	SSE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
37/38	4	3	4	3	4	4	5	5	5	5	6	7	7	8	9	9	9	9	9	8	8	8	8	7
	6	5	6	5	6	6	8	8	9	9	9	11	12	13	13	13	14	13	13	12	12	12	12	11
	SSE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	ESE	ESE	SE	SE	SE	SE	SE	SE
25/26	4	3	3	3	4	4	5	5	5	5	6	7	8	8	9	9	9	9	8	7	7	7	8	7
	5	5	5	5	5	6	8	9	8	9	9	11	12	13	13	13	13	13	12	11	11	11	12	11
	SE	SSE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE
11/12	3	3	3	3	3	3	4	5	5	6	7	7	8	8	9	8	8	7	7	6	6	6	6	6
	6	5	5	6	6	6	7	8	8	9	10	11	12	12	13	12	12	11	10	9	9	9	9	9
	SSE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE
1 & 2 Bravo	6	5	5	5	6	6	6	6	6	7	7	8	8	9	9	9	9	9	9	9	9	9	9	9
	8	7	8	7	8	9	8	9	8	9	11	11	12	12	13	13	13	13	13	13	13	13	13	13
	SE	SE	ESE	ESE	ESE	ESE	SE	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE

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: Sun. 3/3/2024



Forecast Discussion

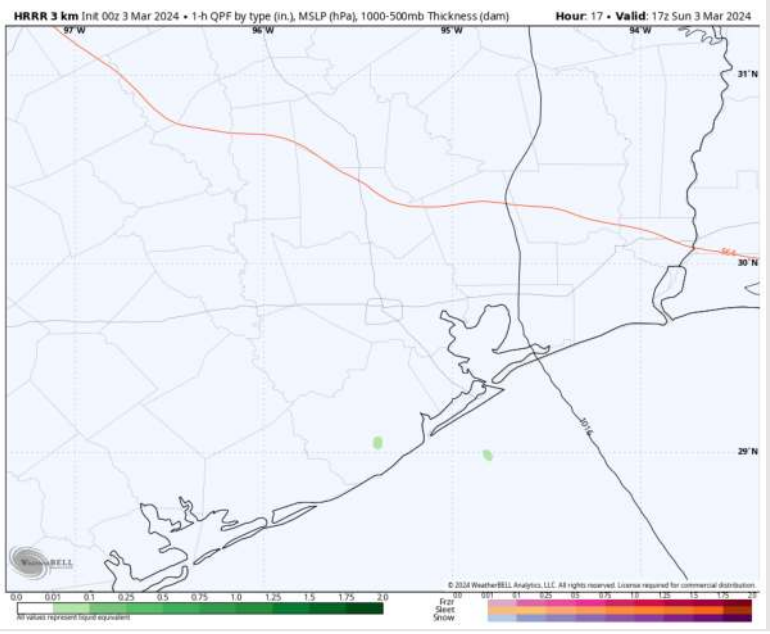
Precip: Isolated showers (10%) will be in play between 10 AM and 7 PM. Dry conditions favored for all other parts of the day.

Wind: Winds will be out of the S/SE throughout the day. **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.

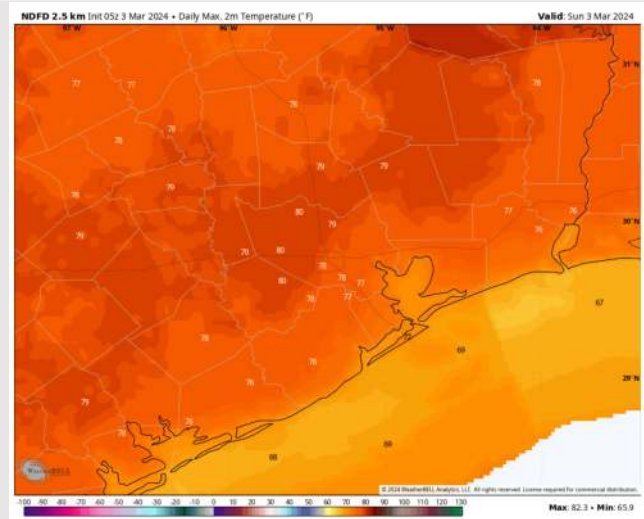
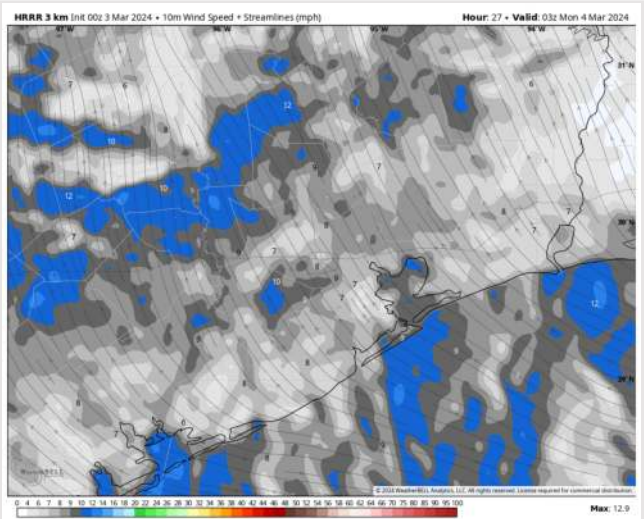
High Temps: **N of Morgan's Point:** Upper 70's-Low 80's F. **S of Morgan's Point:** Upper 60s-Low 70s F.

Visibility: A lingering low-end risk for fog will be in play early this AM as conditions remain favorable for sea fog. **See Visibility Slide for more details.**

Precip Image: 11 AM CT



Wind Speed:
9 PM CT



High Temps
Today

Houston Pilots: Mon. 3/4/2024



Forecast Discussion

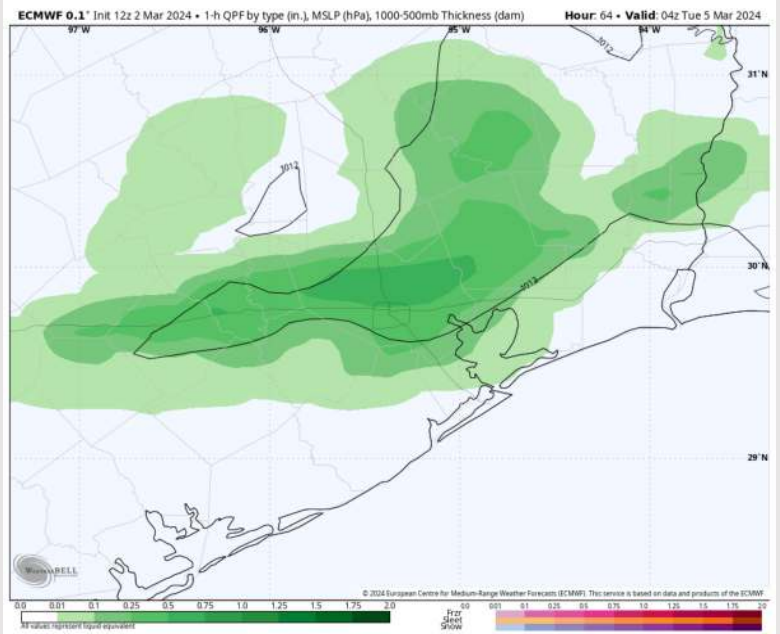
Precip: Hit/miss pockets of light showers (10%) will be in play through much of the AM before coverage begins increasing at 10 AM. Scattered showers (30-40%) will then decrease in coverage again after 4 PM to be hit/miss again. Heavier showers and storms associated with a passing front will be in play after 10 PM. Lightning and small hail cannot be ruled out with these storms.

Wind: Winds will be out of the S/SE throughout the majority of the day Monday. Winds become variable in direction after 10 PM with a passing front. **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.**

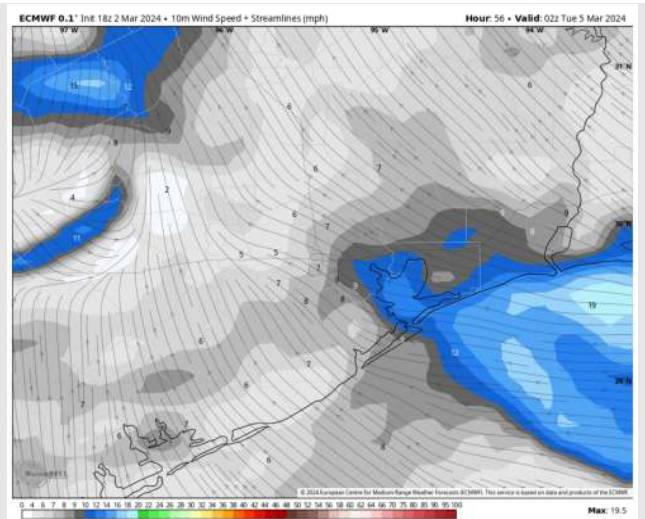
High Temps: **N of Morgan's Point:** Upper 70's-Low 80's F. **S of Morgan's Point:** Upper 60s-Low 70s F.

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.

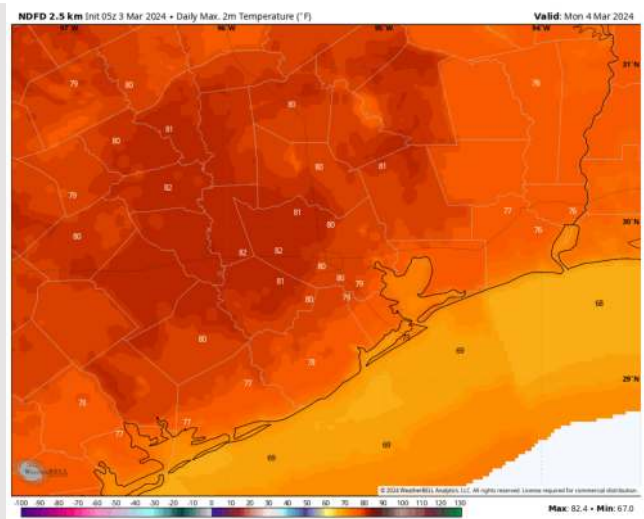
Precip Image: 10 PM CT



Wind Speed:
8 PM CT



High Temps
Monday



Houston Pilots: Tue. 3/5/2024



Forecast Discussion

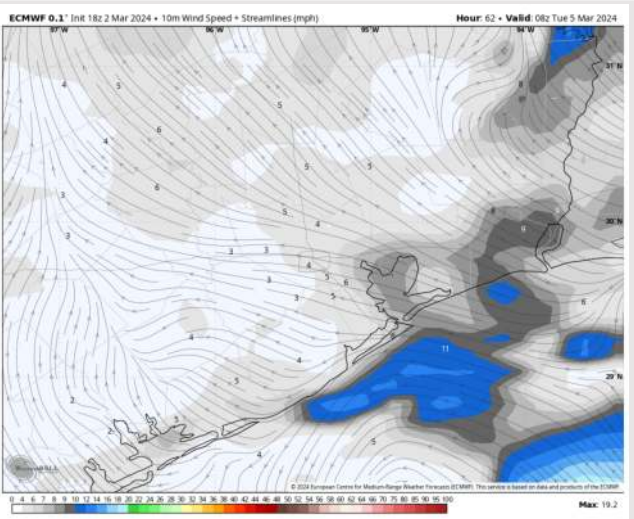
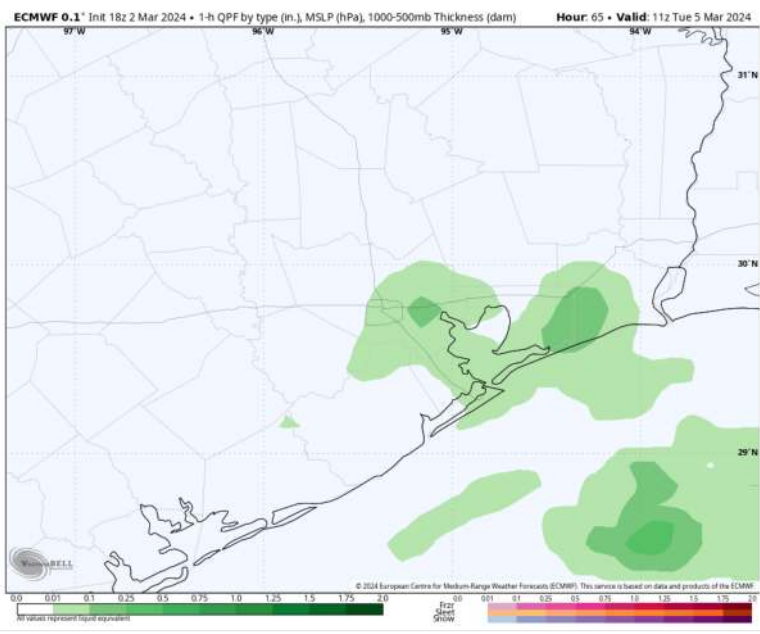
Precip: An advancing front will bring showers and storms through 3 AM. Main risks with storms will be lightning and small hail. Scattered showers will then continue through 5 PM.

Wind: Winds will be variable through much of the day, settling out of the SW by 7 PM. **N of Morgan's Point:** Winds at 3 – 7 kts throughout Tuesday. **S of Morgan's Point:** Winds slightly elevated at 7-12 kts through 4 AM with the passing front but will calm to 4-8 kts thereafter.

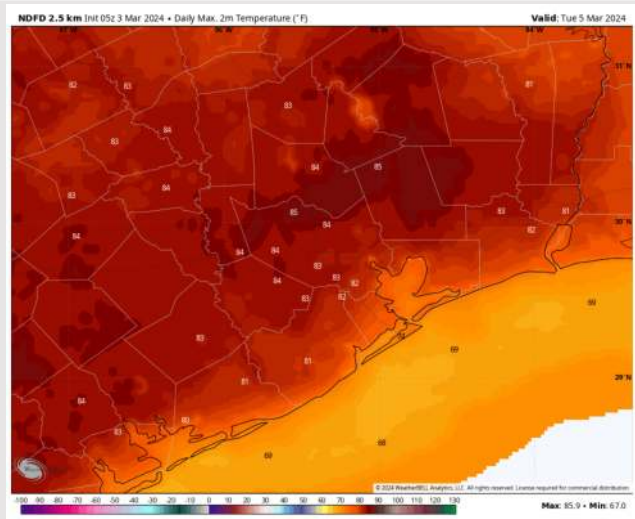
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Low 70s-Upper 60s F.

Visibility: Calmer winds out of the SW will provide somewhat favorable conditions for sea fog formation in the bay after 7 PM. Lower confidence currently exists on exact timing of fog formation, however.

Precip Image: 5 AM CT



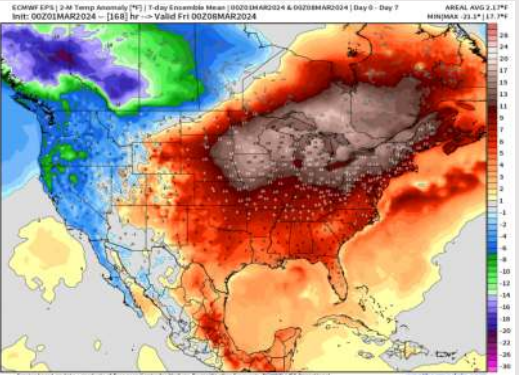
Wind Speed:
2 AM CT



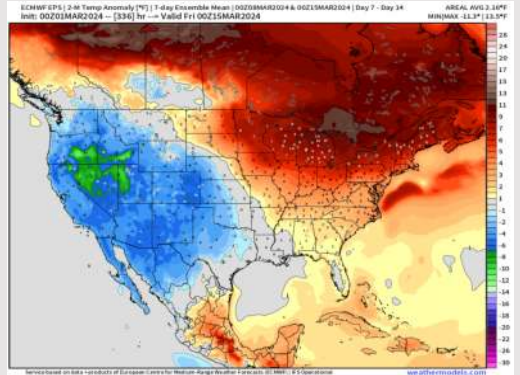
High Temps
Tuesday

Houston Pilots: 3/3/24

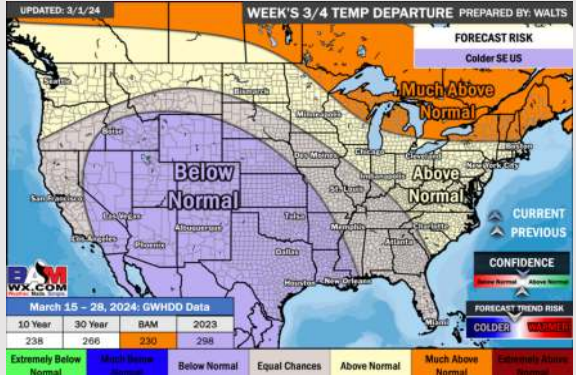
Next 7 Day Temperature Departure



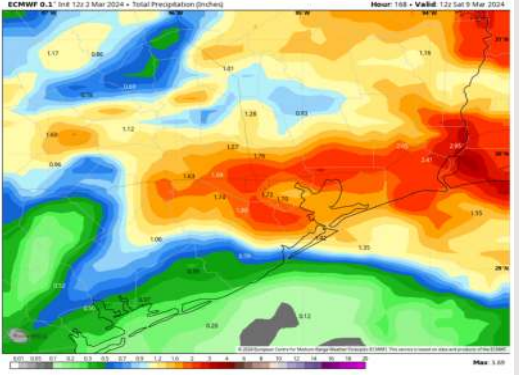
8-14 Day Temperature Departure



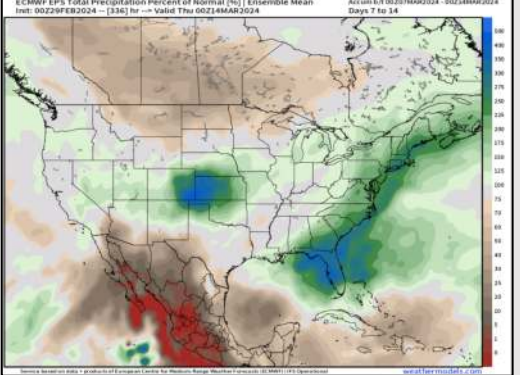
15-30 Day Temperature Departure



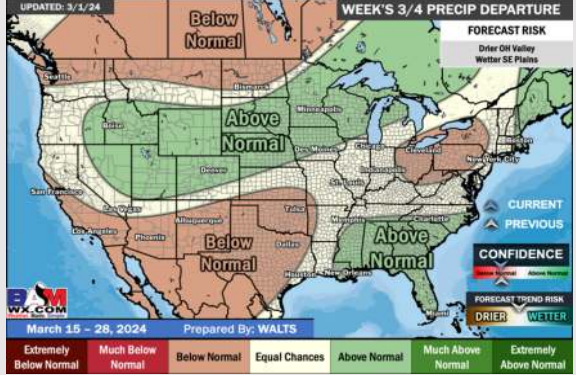
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- A drier weekend continues, with rain chances returning Monday. 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.