

Houston Pilots Forecast Package

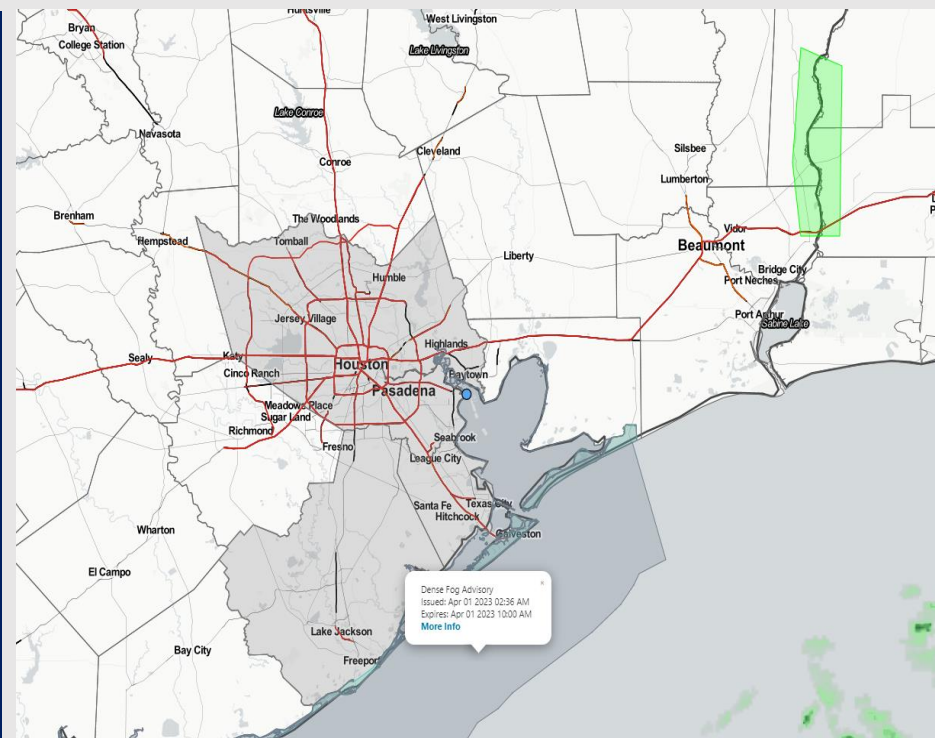


Updated: 4:45 AM CT
Saturday, April 1, 2023

Forecaster: Jonathan Kipper

Weather Headlines

- Please see slide below for low end reduced visibility risks this AM. Warming waters & air temps very close to those water temps will allow for fog to continue to develop.
- Calmer winds anticipated over the weekend, with the next chance for elevated winds in the forecast being Monday PM.
- Overall, several minor chances for precipitation over the next few days with rainfall amounts generally light. Favoring periods of dryness to outweigh periods of sprinkles/showers



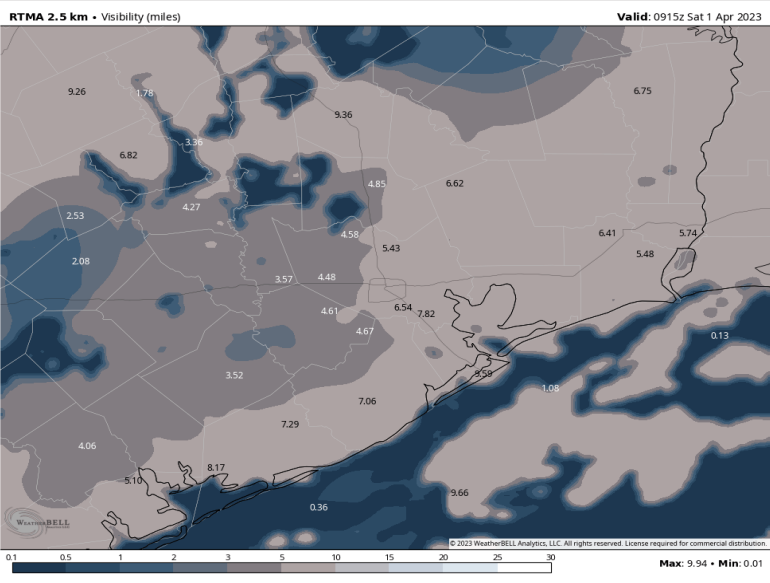
Radar/NWS Alerts: 4:45 AM CT



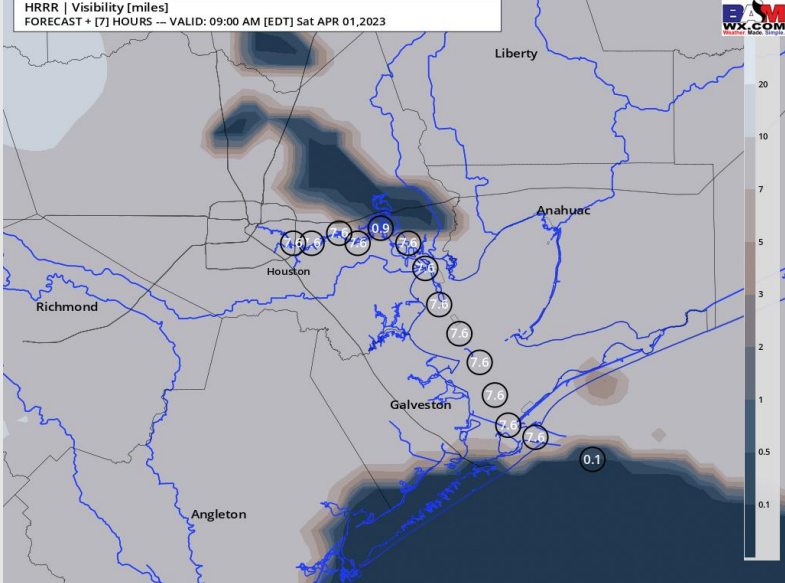
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report

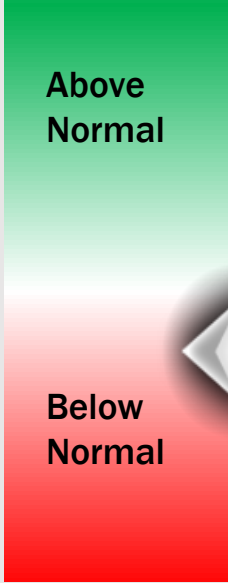
CURRENT VISIBILITY



9 AM CT SAT VISIBILITY



Confidence



TIMEFRAME DISCUSSED

THREAT

CURRENT - 12 PM SAT

Low - Med

- Risk for a low cloud deck reducing visibility to 2 – 4 miles will continue through the rest of the morning and into the early afternoon. Warmer water temperatures next to warmer air temps will make it difficult for dense fog to form.
- A low end risk for patchy fog / a low cloud deck within the Gulf will continue, posing a risk for slightly reduced visibility down to 1 – 2 miles at the Boarding Station. This risk will also allow for patchy areas of reduced visibility of less than 1 mile throughout the area during this timeframe.
- A weak boundary is stalled out in the Gulf, keeping this 3 mile or less fog risk at the Boarding Station present into the afternoon. Greatest risk will be from 6 AM - 12 PM.

Houston Pilots Extended Range Visibility Report



Tuesday 4/4/23

Similar to Monday, a pretty low end threat of patchy fog is possible Tuesday AM. Data has been trending weaker with this signal.

Confidence



Thursday 4/6/23

Not anticipating any fog concerns at this time due to winds out of the ENE and warmer temperatures as we get further into spring.

Confidence



Wednesday 4/5/23

Winds out of the SW Wednesday morning, could lead to low end patchy fog risk. A passing front Wednesday evening will make fog diminish fog concerns Wednesday night.

Confidence



Chance for Reduced Visibility

Tuesday AM	Unlikely
Tuesday PM	Low End Risk
Wednesday AM	Unlikely
Wednesday PM	Low End Risk
Thursday AM	Unlikely
Thursday PM	Unlikely

Houston Pilots Visibility Report



Time	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	Sun 12am	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	
610 Bridge	5	5	3	2	2	3	8	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	6	6	6	7	10	10	10	6	6	6	6	6	6	6	
Kinder 1	5	5	3	2	2	3	8	9	10	10	10	10	10	10	10	10	10	10	10	10	9	9	8	8	8	8	10	10	10	6	6	6	6	6	6	6	
Greens Bayou	5	5	3	3	3	3	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	7	7	6	6	6	6		
Shell Crude	4	4	3	2	2	3	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	7	6	6	6	6		
Lynchburg Ferries	4	4	3	3	3	3	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	7	6	6	6	6		
Exxon 3	3	3	3	2	2	2	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	7	6	6	6	6	
Morgans Point	3	3	2	2	2	2	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	6	6	5	6	
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1 & 2 Bravo	2	2	1	0.63	0.29	0.24	4	6	6	10	10	10	8	8	7	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	6	3	3	3	3	3	3

Houston Pilots Wind Report



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13
G:18
N

Time Knots	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	Sun 12am	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
610 Bridge	2	2	3	2	1	2	3	5	7	7	7	9	9	8	6	7	6	5	5	4	4	4	4	4	4	5	4	5	5	7	7	8	10	11	12	13
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	W 2	WSW 3	W 3	WNW 2	WNW 1	SSW 2	NW 3	NW 5	NNW 7	SE 7	E 8	ENE 9	NNE 9	NE 8	NE 6	NE 7	NE 6	NE 5	NE 5	ENE 4	E 4	E 4	E 4	E 4	E 5	E 5	E 5	E 5	ESE 7	ESE 7	ESE 8	SE 10	SE 11	SSE 12	SSE 13	
Kinder 1	7	7	6	7	8	8	7	12	11	10	10	12	12	10	9	9	8	7	7	6	6	6	7	6	7	8	7	7	8	10	11	12	14	16	18	19
	W 1	WSW 3	W 3	W 2	WNW 1	SSW 2	W 4	WSW 4	WSW 6	ENE 8	NE 10	NNE 10	NNE 9	NE 7	NNE 6	NE 7	NE 6	NE 5	NE 4	ENE 4	E 4	E 4	E 4	E 4	E 4	E 5	E 5	E 5	E 5	ESE 7	ESE 7	ESE 8	SE 10	SE 12	SSE 13	SSE 14
	6	8	7	7	8	8	6	12	12	11	11	13	12	10	9	9	8	7	7	6	6	6	6	7	7	8	7	7	8	10	11	12	14	16	18	19
Greens Bayou	W 1	WSW 3	W 3	W 2	WNW 1	SW 3	S 2	SW 4	ESE 7	NNE 8	NNE 10	NNE 9	NNE 7	NNE 6	NE 7	NE 6	NE 5	NE 4	ENE 4	E 4	E 4	E 4	E 4	E 5	E 5	E 5	E 5	E 5	ESE 7	ESE 7	ESE 8	SE 10	SE 12	SSE 13	SSE 14	
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	WNW 1	WSW 3	W 3	W 2	1	2	2	4	6	8	9	NNE 10	NNE 9	NNE 7	NNE 6	NE 7	NE 5	NE 4	ENE 4	E 4	E 4	E 4	E 5	E 5	E 5	E 5	E 5	E 6	ESE 7	ESE 7	ESE 9	SE 10	SE 12	SSE 13	SSE 14	
Shell Crude	5	7	6	6	6	9	6	12	12	11	11	13	12	10	9	9	8	7	6	6	6	6	7	7	7	8	7	7	8	10	11	12	14	16	18	19
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Lynchburg Ferries	WNW 1	WSW 3	W 3	W 2	1	2	1	4	6	7	9	N	N	NNE 6	NNE 6	NNE 7	NE 6	NE 5	ENE 5	E 4	E 4	E 4	E 5	E 5	E 5	E 5	E 5	E 6	ESE 7	ESE 7	ESE 8	SE 9	SE 10	SE 12	SSE 13	SSE 14
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Exxon 3	5	6	6	6	4	8	4	11	12	11	11	12	12	9	8	9	8	7	6	6	6	7	7	7	7	8	8	8	9	10	11	12	14	16	18	19
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Morgans Point	W 3	W 4	W 4	WSW 2	SW 1	NNW 3	SE 4	W 3	W 2	NE 2	NE 3	NE 4	N 8	E 6	ENE 5	ENE 8	ENE 7	E 6	E 5	E 5	E 5	E 6	E 6	E 6	E 7	E 8	E 9	E 9	E 10	ESE 10	ESE 12	ESE 13	SE 14	SE 15	SE 15	SE 15
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51/52	WSW 7	WSW 6	SW 5	SW 4	SW 3	NW 3	NNW 6	ENE 6	WNW 4	SE 3	S 2	S 3	WNW 6	NNW 9	NNW 9	ESE 7	SE 7	SE 5	ESE 4	E 5	E 5	E 5	E 6	E 6	E 6	E 6	E 7	E 7	E 8	E 9	E 10	ESE 11	ESE 12	SE 14	SE 14	SE 14
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37/38	11	9	8	7	6	6	11	9	9	10	9	11	12	16	12	7	7	5	5	5	6	7	8	8	7	8	9	8	9	10	12	13	14	15	16	18
	W 7	WSW 6	WSW 4	WSW 3	WSW 3	NW 4	NNW 6	WNW 6	WNW 5	SW 4	WSW 4	W 5	NW 5	NNW 7	WNW 5	SE 6	SE 4	SE 4	ESE 4	E 5	E 5	E 6	E 6	E 6	E 6	E 7	E 8	E 8	E 9	ESE 10	ESE 10	ESE 11	SE 12	SE 12	SE 12	
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Houston Pilots: Sat. 4/1/2023

Forecast Discussion

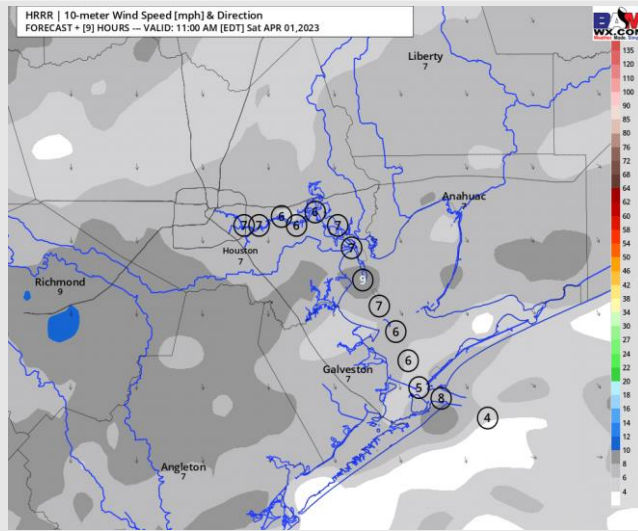
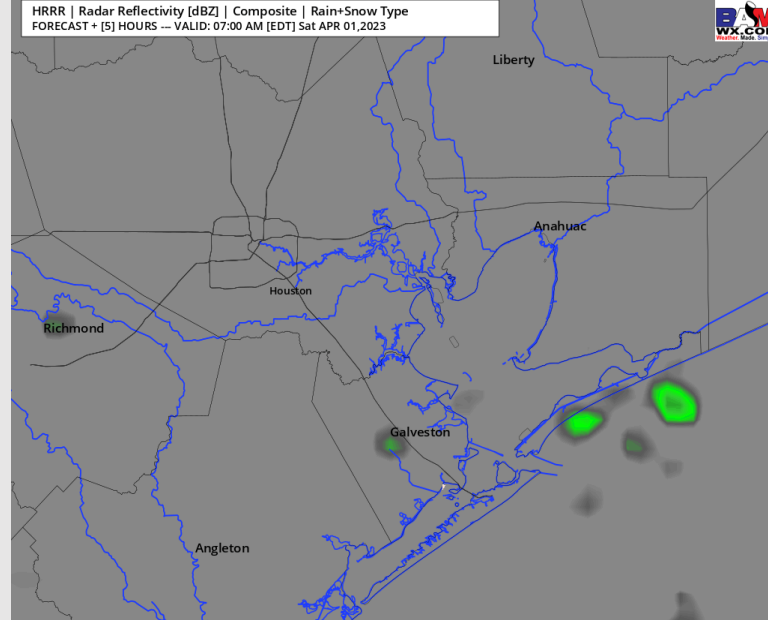
Precip: A 10-20% chance of isolated showers will be possible until 9 AM this morning, with dry conditions anticipated after this for the rest of the day.

Wind: Winds will start out of the NNW at 3-8 kts through 2 PM. Winds will then shift out of the SE for the rest of the day on Saturday, but still stay at 3-8 kts.

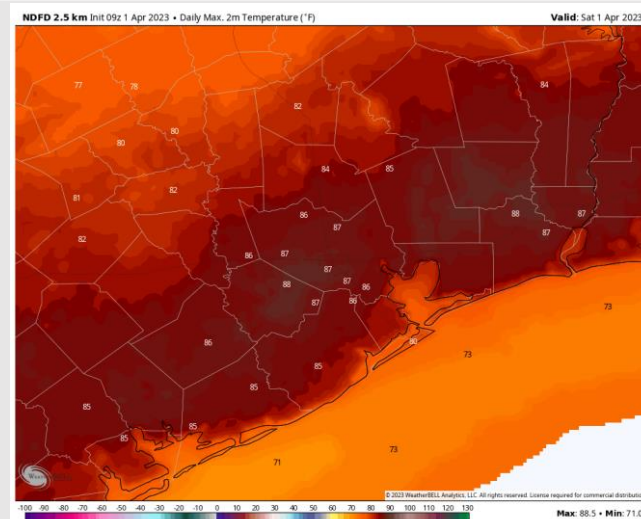
Temps: High temperatures today will be in the mid 70's F near the boarding station and mid 80s F at all other stations.

Visibility: There is a low end risk for patchy fog development this morning. Rather low confidence on this risk, but we need to keep eyes on for reduced visibility potential out through 12 PM

Precip Forecast: 12 PM CT



Wind Speed
10 AM CT



High Temps
Saturday

Houston Pilots: Sun. 4/2/2023

Forecast Discussion

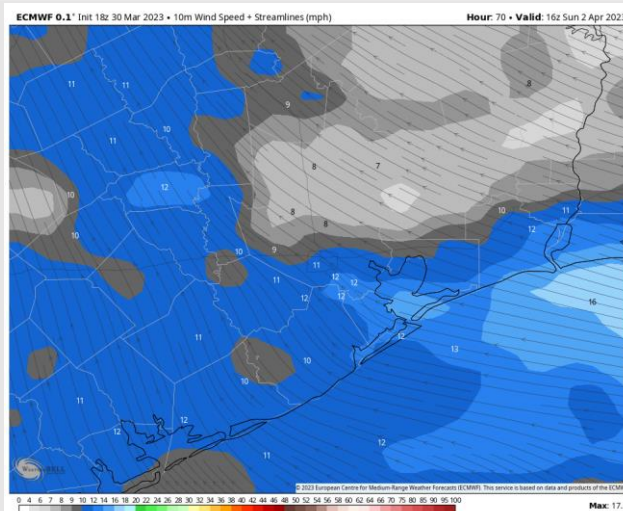
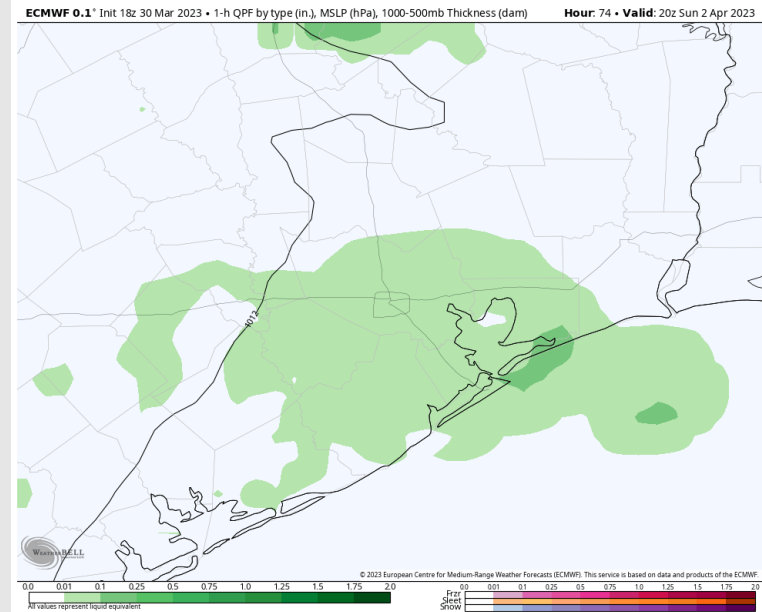
Precip: Favoring dry conditions early Sunday morning until around 5 AM. After 5 AM, favoring a 10-20% chance for showers until around 10 AM. After 10 AM, favoring dry conditions until around 11 AM. After 11 AM chances for showers and thunderstorms will increase to 60-70% until 7 PM. After 7 PM, favoring dry conditions for the rest of the day.

Wind: Favoring winds to start out of the E during the early AM hours and gradually shift to out of the by lunchtime Sunday. During the early morning hours, sustained winds will be at 2-4 kts across all stations before picking up to 7-13 kts across all stations by lunchtime and will remain that way for the rest of the day.

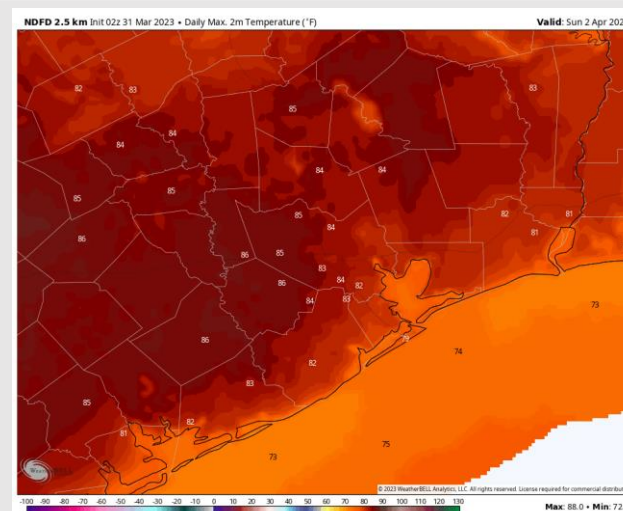
Temps: High temperatures Sunday will be in the mid-upper 70s F for stations S of Morgan's Point and in the low-mid 80s F for stations N of Morgan's Point.

Visibility: While fog risks are not anticipated at this moment, there will once again be a low end risk for fog in the AM hours.

Precip Forecast: 3 PM CT



Wind Speed
11 AM CT



High Temps
Sunday

Houston Pilots: Mon. 4/3/2023

Forecast Discussion

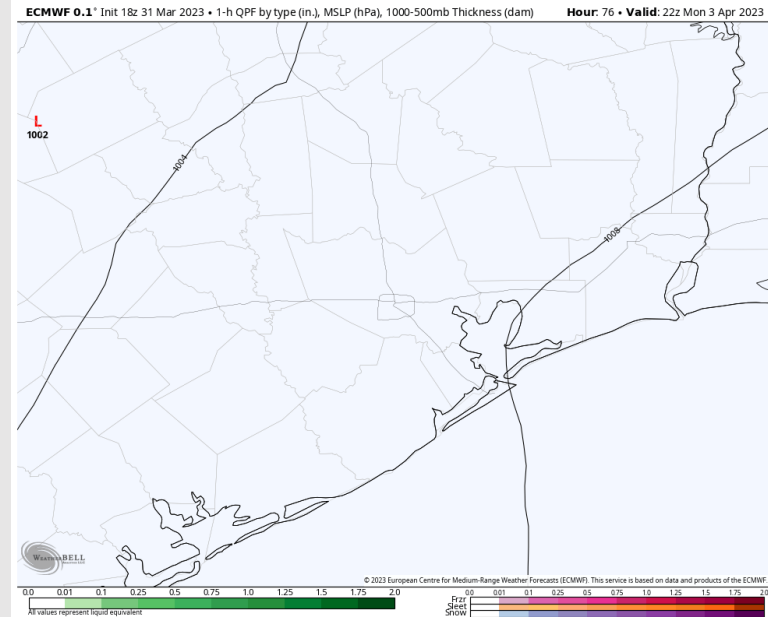
Precip: A few scattered showers will be possible before sunrise Monday, then favoring dry conditions through the rest of the evening.

Wind: Anticipating winds out of the S throughout the day Monday. Winds favored to be 8 – 13 kts through the AM then will increase to 15-20 kts into the late AM / PM. Gusts up to 30 kts will be possible into the late PM for stations N of Morgan's Point

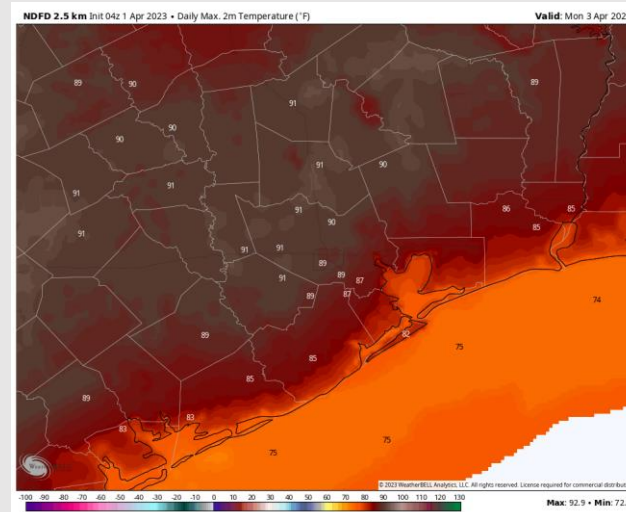
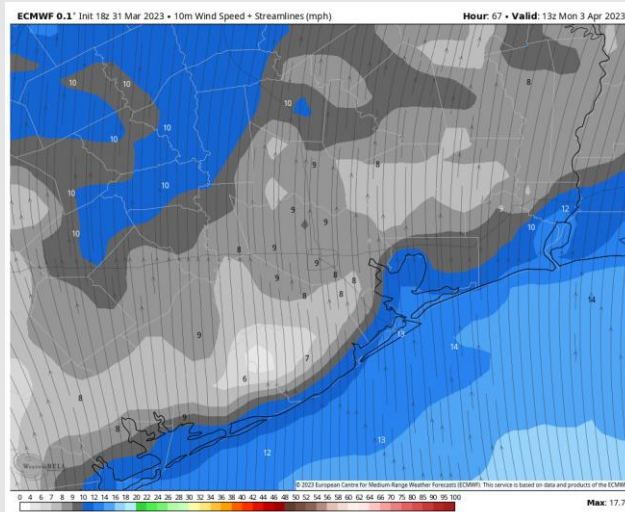
Temps: Favoring high temperatures Monday in the mid 70s F at the Boarding Station with all other stations seeing temperatures in the mid to upper 80s F.

Visibility: Not favoring any fog at this time.

Precip Forecast: 5 PM CT

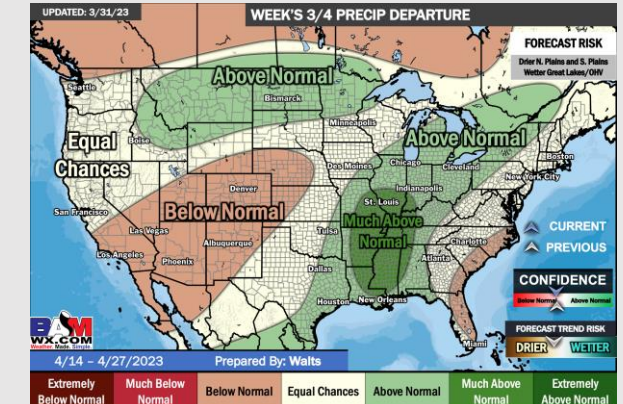
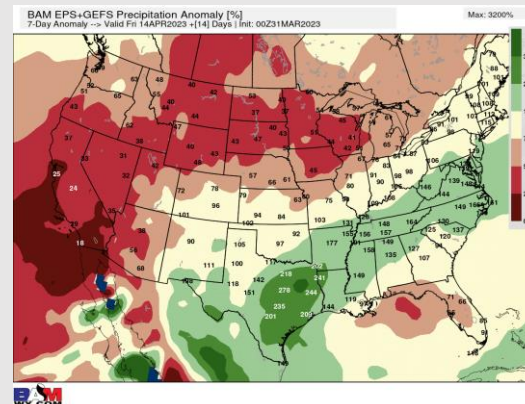
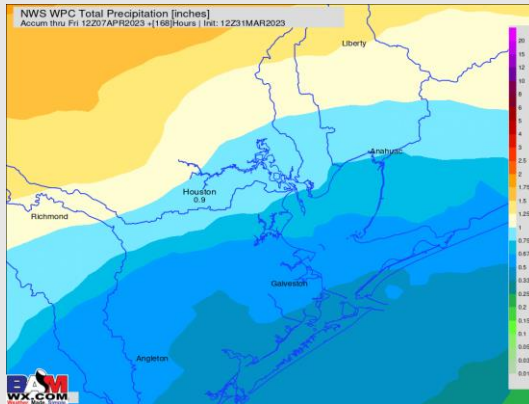
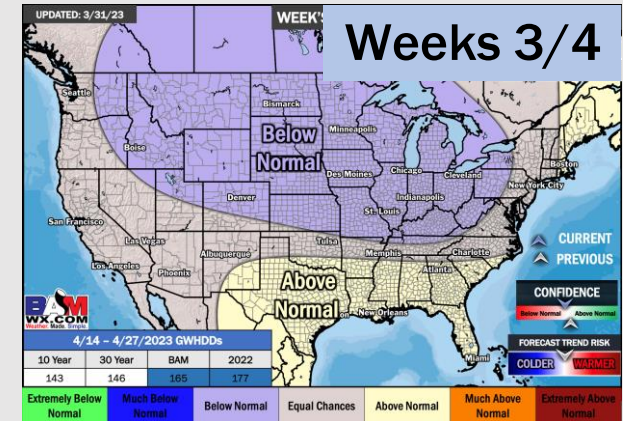
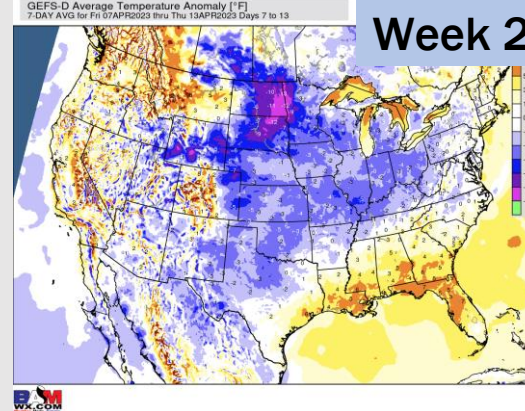
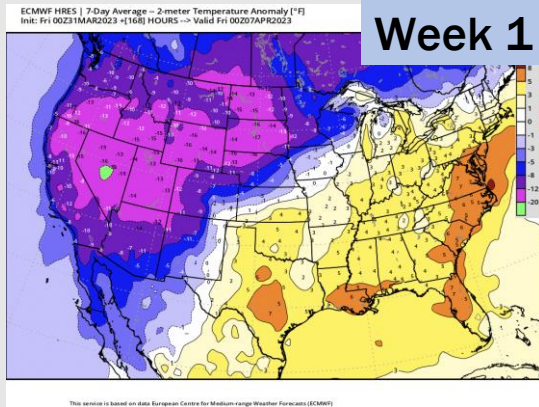


Wind Speed
8 AM CT



High Temps
Monday

Houston Pilots: 4/1/2023



- Expecting the second half of the week into the weekend to be more active in terms of precip. Temperatures are expected to be above normal over the next seven days.
- Expecting above normal precipitation chances and above normal temperatures extending into the week 2 timeframe.
- Anticipating above normal temperatures and above normal chances for precipitation favored in the week ¾ timeframe.