

Houston Pilots Forecast Package

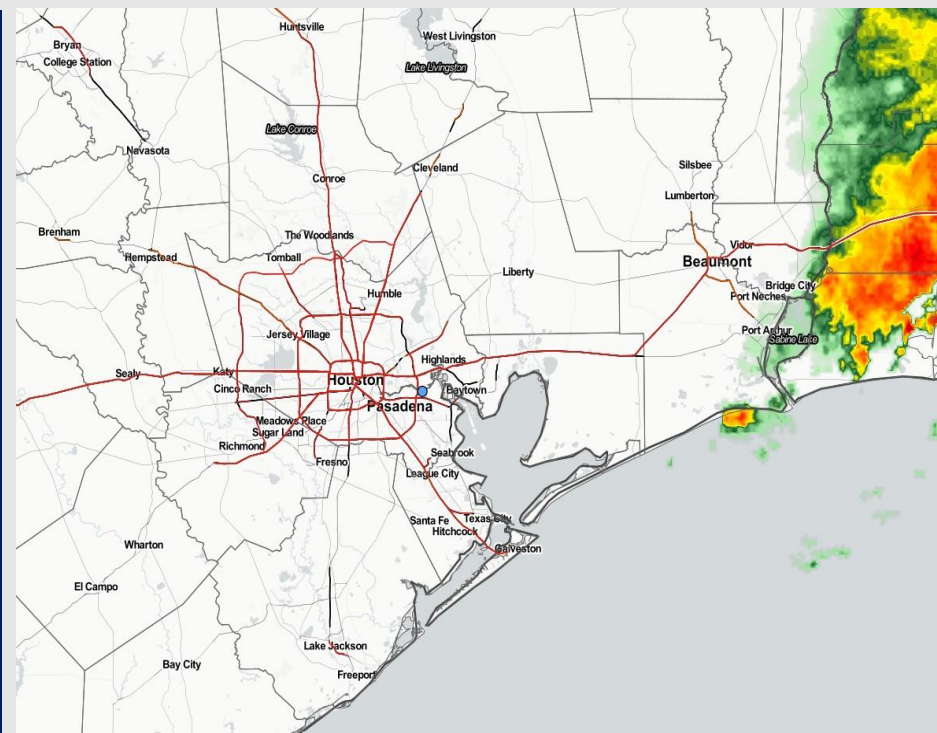


Updated: 5:10 AM CT
Saturday, May 6, 2023

Forecaster: Jonathan Kipper

Weather Headlines

- A few scattered rain chances expected through the weekend. Next best shot of rain moves in the second half of next week.
- Watching for periods of elevated winds starting this evening and lasting through Monday AM at the boarding station.
- Threats for sea fog formation look very low with no strong signals over the next several day, **however some reduced visibility will be possible as noted in slides below.**



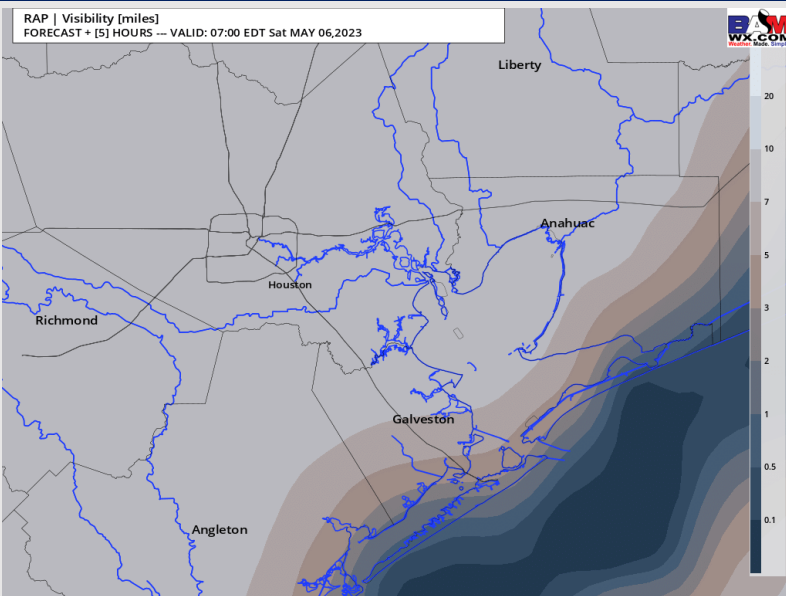
Radar/NWS Alerts: 5:10 AM CT



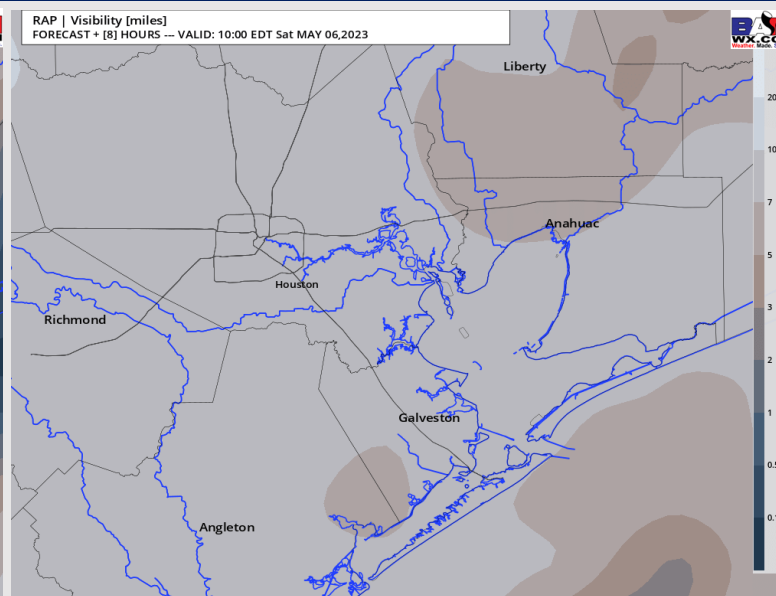
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Visibility Report

6 AM CT SAT VISIBILITY



9 AM CT SAT VISIBILITY



Confidence

Above
Normal

Below
Normal

**TIMEFRAME
DISCUSSED**

THREAT

CURRENT - 9 AM SAT

Low

- Low end risk at seeing reduced visibilities of 2-4 miles due to low lying clouds/mist throughout the AM SAT.
- Favoring better chances to see reduced visibilities of 2-4 miles for locations south of Morgan's Point. Not anticipating it to be widespread treat.
- Anticipating clouds/mist to burn off with better visibilities after 9 AM SAT.
- Data is overdone slightly with this reduced visibility threat.

Houston Pilots Extended Range Visibility Report



Tuesday 5/9/23

Reduced visibility not a concern at this time for Tuesday

Forecast Confidence



Thursday 5/11/23

Reduced visibility not a concern at this time for Thursday.

Forecast Confidence



Wednesday 5/10/23

Reduced visibility not a concern at this time for Wednesday.

Forecast Confidence



Chance for Reduced Visibility

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

Houston Pilots Visibility Chart (miles)



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	6	6	6	6	5	6	6	8	9	9	10	10	10	10	10	10	10	10	10	9	9	8	7	7	9	8	7	6	6	4	5	7	9	10	10	10
Kinder 1	6	6	6	6	5	6	6	8	9	9	10	10	10	10	10	10	10	10	10	9	9	8	8	8	9	8	7	7	6	5	5	7	9	10	10	10
Greens Bayou	5	5	5	5	5	5	6	9	9	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	10	9	8	8	7	7	7	8	9	10	10	10
Shell Crude	5	4	5	5	4	5	6	8	9	9	10	10	10	10	10	10	10	10	10	9	9	8	8	8	9	8	9	9	9	9	9	9	9	10	10	10
Lynchburg Ferries	5	4	5	5	4	5	6	8	10	10	10	10	10	10	10	10	10	10	10	8	9	8	8	8	9	8	9	9	9	9	9	9	9	10	10	10
Exxon 3	5	4	5	5	3	5	6	7	9	9	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10
Morgans Point	5	4	5	5	3	5	6	7	8	8	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10
75/76	5	4	5	5	3	4	6	7	8	9	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10
63/64	5	4	5	5	2	3	6	7	7	8	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	9	9	9	9	9	9	9	10	10	10
51/52	5	4	4	4	2	2	5	7	7	8	9	9	10	10	10	10	10	10	10	8	8	8	8	8	10	8	9	9	9	9	9	9	9	10	10	10
37/38	5	4	4	4	2	2	4	6	7	8	8	8	10	10	10	10	10	10	10	8	8	8	8	8	10	8	9	9	9	9	9	9	9	9	10	9
25/26	5	4	4	4	2	2	4	6	6	7	8	8	8	8	10	10	10	9	8	8	8	8	8	8	10	8	9	9	9	9	9	9	9	9	10	9
11/12	5	4	3	4	2	1	3	5	6	7	8	8	8	7	10	10	10	9	8	8	8	8	8	8	10	8	9	9	9	9	9	9	9	9	10	9
1 & 2 Bravo	5	4	3	2	2	0.77	1	4	4	5	6	5	5	6	6	6	8	9	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9

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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	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	1	2	4	6	7	8	9	8	8	8	8	9	9	9	12	12	12	12	13	13	13	13	13	11	11	10	10	9	11	10	10	10	11	12	13	12
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	NW	E	E	SE	SE	SSE	SSE	S	S	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	SSE	
Kinder 1	6	2	5	8	14	16	16	16	14	12	13	12	13	12	13	16	16	18	19	20	20	20	20	19	19	17	17	16	16	14	17	15	16	17	18	19	19
	NW	ESE	E	SE	SE	SSE	SSE	S	S	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	
	5	1	2	4	6	7	8	9	8	8	9	9	10	9	10	13	12	12	12	13	13	14	13	12	11	11	10	10	9	10	10	10	11	12	13	13	
Greens Bayou	7	1	4	8	14	16	16	16	14	12	13	12	13	12	14	16	16	18	19	20	20	20	19	18	17	16	15	15	14	16	15	16	16	18	19	18	
	NW	SE	ESE	ESE	SE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S		
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Shell Crude	W	S	E	ESE	SSE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE		
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Lynchburg Ferries	WSW	S	ESE	ESE	SSE	SSE	SSE	S	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE		
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Exxon 3	SSW	W	ENE	ESE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE		
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Morgans Point	SW	NNW	NE	ESE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	SE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE		
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75/76	SW	W	NE	ESE	SSE	SSE	S	S	SSE	SSE	SE	SE	SE	SE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE		
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25/26	W	WNW	S	ESE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE		
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1 & 2 Bravo	SW	W	SW	ESE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE		
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1 & 2 Bravo	SW	WSW	SW	SE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	S	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE		
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Houston Pilots: Sat. 5/6/2023

Forecast Discussion

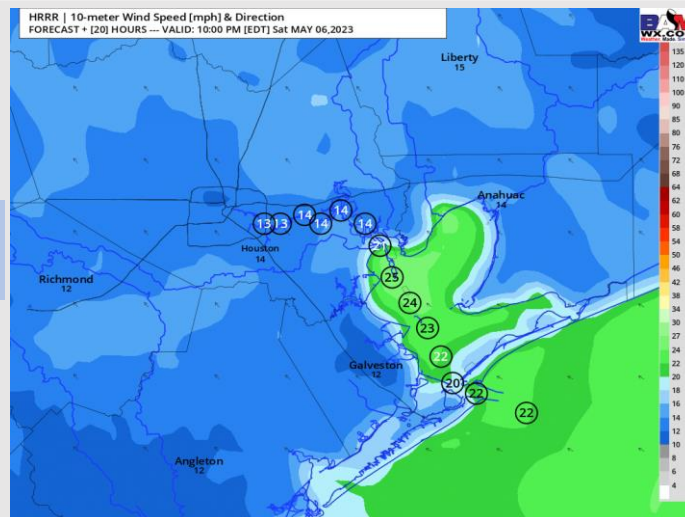
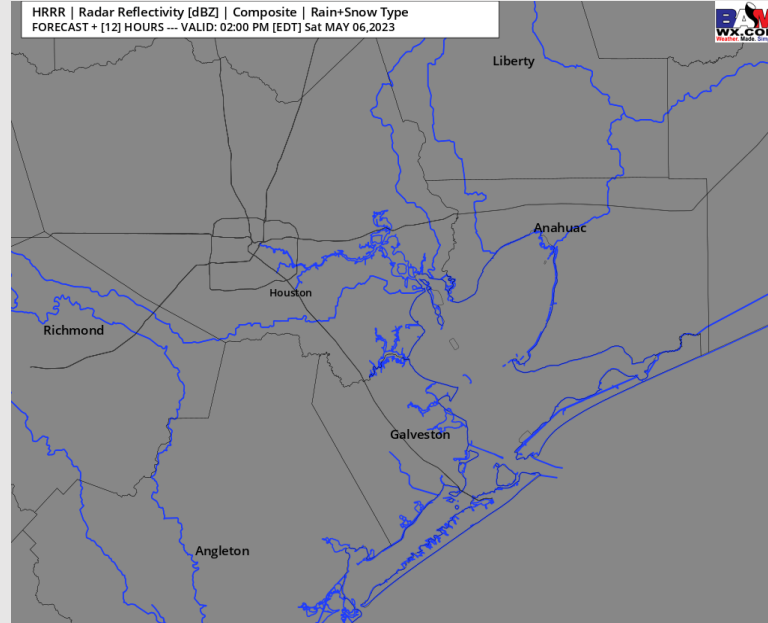
Precip: A 20-30% chance of some “remnant” showers out through 8 AM from prior storms in Central TX last night. The rest of today is favored to be dry.

Wind: Sustained winds out of the S before shifting to the SE by 8 PM tonight. Winds north of Morgan's Point will start off at 3-8 kts, before increasing to 8-13 kts by 9 AM. Winds south of Morgan's Point will start off at 10-15 kts before increasing to 13-18 knots around 6 PM. Winds will then increase to 18-23 kts after 9 PM. **Gusts after 6 PM of 30+ kts will be possible at the boarding station.**

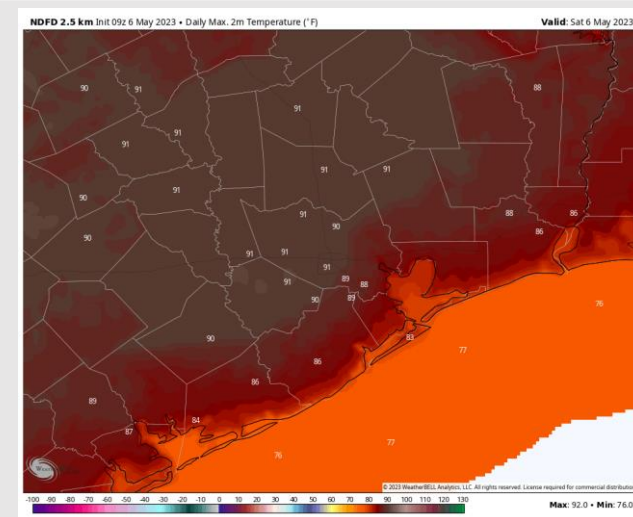
Temps: High temperatures today will be once again in the high 80s F/low 90s F north of Morgan's Point and in the mid/upper 70's F south of Morgan's Point

Visibility: A low cloud deck / misty conditions will be possible through the AM hours however not anticipating any widespread fog concerns at this time.

Precip Image: 1 PM CT



**Wind Speed:
9 PM CT**



**High Temps
Today**

Houston Pilots: Sun. 5/7/2023

Forecast Discussion

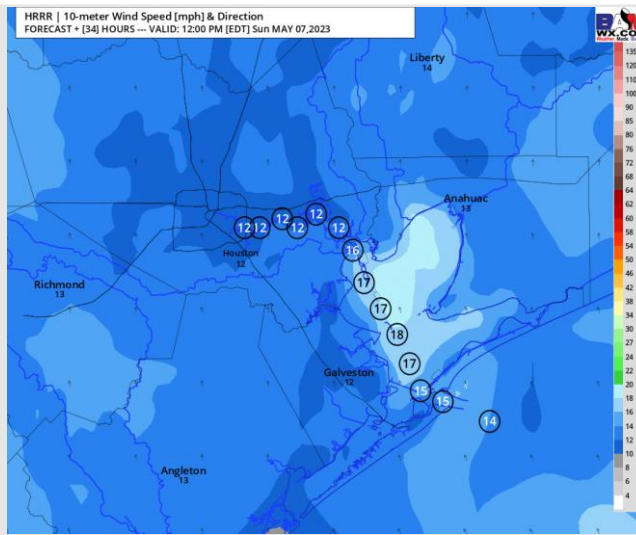
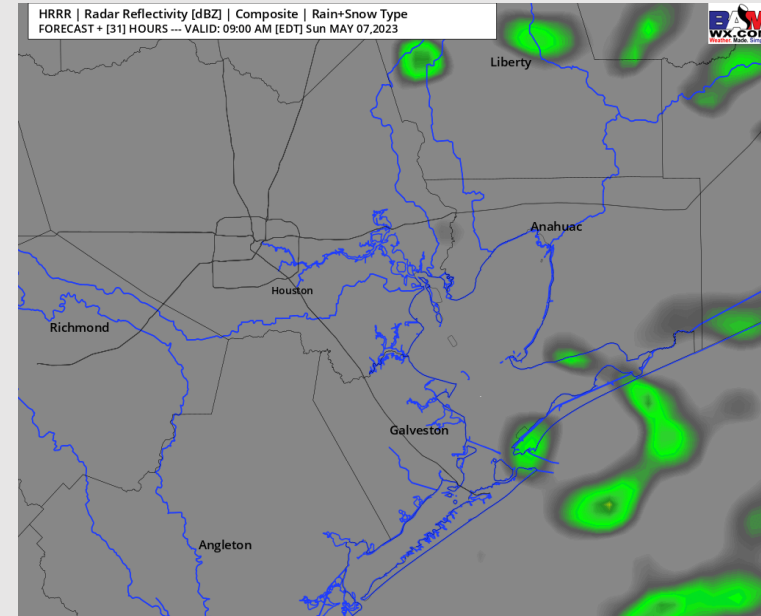
Precip: Starting out Sunday, favoring a 10-20% chance of showers through 10 AM. Favoring dry conditions until around 8 PM. After 8 PM, favoring a 10-20% chance for showers once again throughout the rest of the evening.

Wind: Sustained winds will be out of the SSE throughout the day Sunday. Favoring winds N of Morgan's Point to be 8-14 kts throughout the day Sunday. Favoring winds S of Morgan's Point to be 17-24 kts until around 7 AM. Then after 7 AM, favoring winds to decrease to 12-17 kts for the rest of the day.

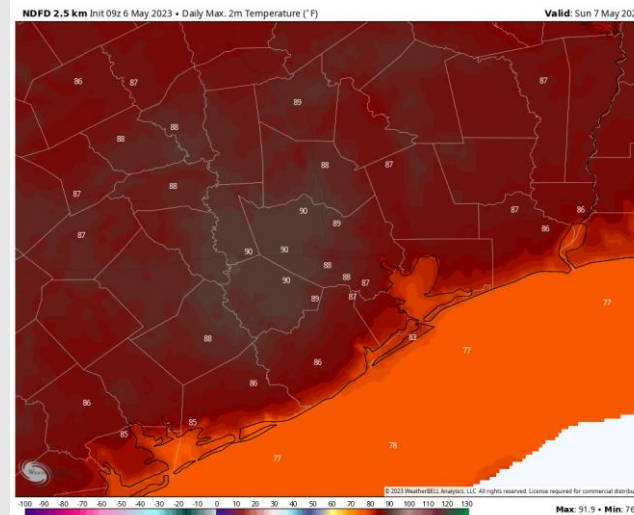
Temps: High temperatures Sunday will be in the mid/upper 70s F S of Morgan's Point and in the high 80s F/near 90 F for stations N of Morgan's Point.

Visibility: While not favored, worth keeping eyes towards Sunday AM for areas of reduced visibility.

Precip Image: 8 AM CT



Wind Speed:
11 AM CT



High Temps
Sunday

Houston Pilots: Mon. 5/8/2023

Forecast Discussion

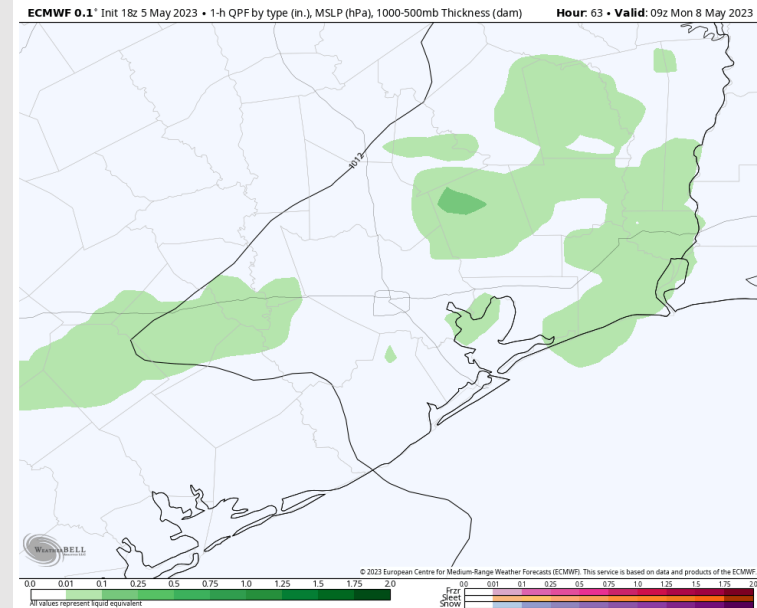
Precip: Scattered showers and storms will be possible through the early AM Monday. Around the lunch timeframe, coverage will decrease to a few sporadic chances before increasing to become more widespread getting towards after sunset.

Wind: Winds Monday will be out of the SE throughout the day at 10 – 15 kts. After noon, winds N of Morgan's Point will decrease to 8 – 13 kts.

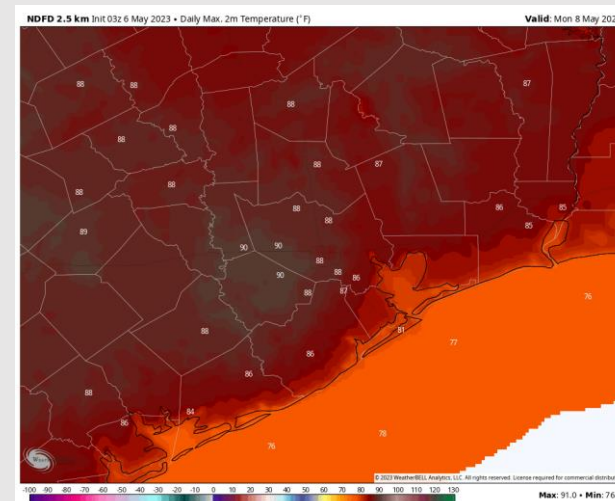
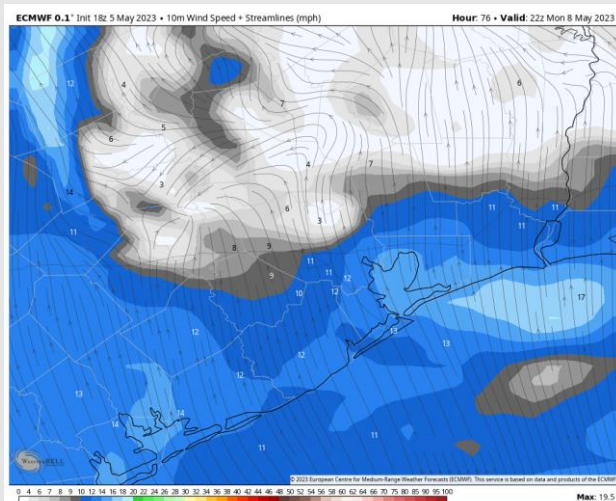
Temps: High temperatures Monday in the upper 70s F for stations South of Morgan's Point and in the mid to upper 80s F for stations N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 4 AM CT



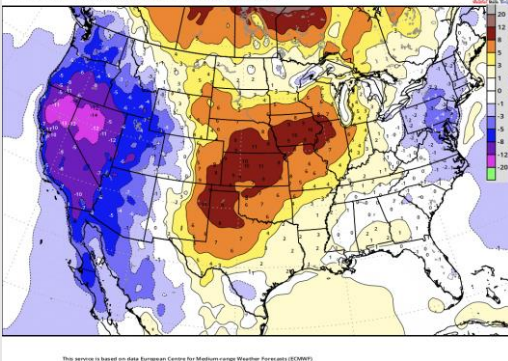
Wind Speed:
5 PM CT



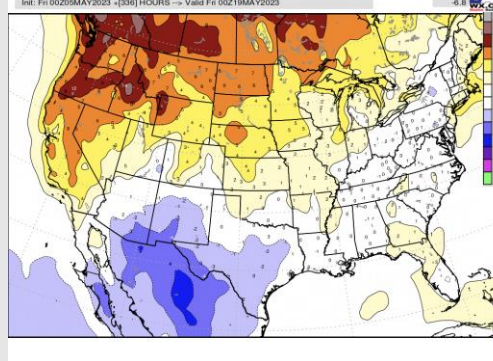
High Temps
Monday

Houston Pilots: 5/6/2023

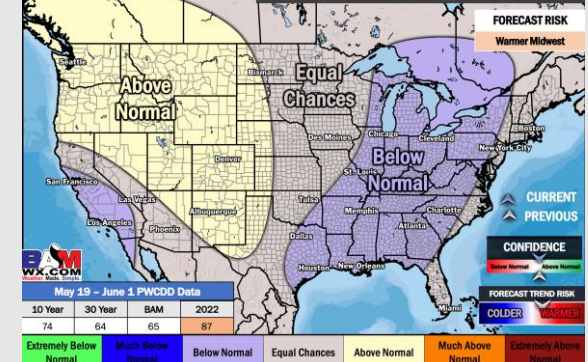
Next 7 Day Temperature Departure



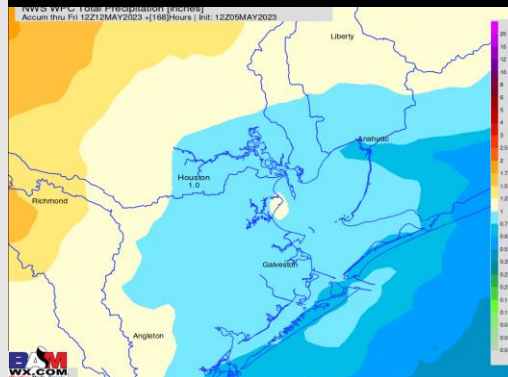
8-14 Day Temperature Departure



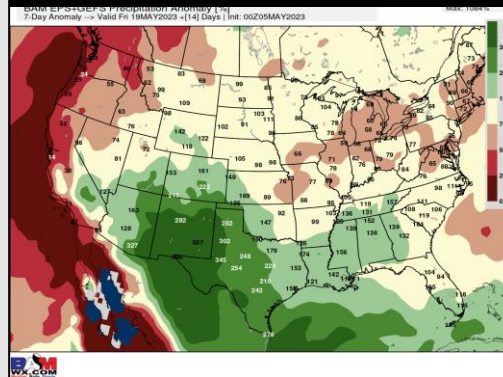
15-30 Day Temperature Departure



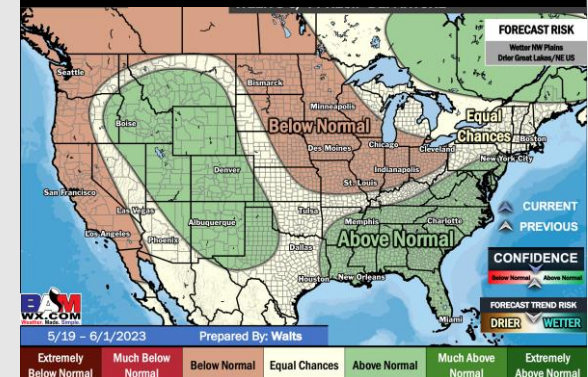
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Best precip overall looks to sit further west in Central TX, with low end chances for precip over the coming days. The second half of week 1 holds the greatest rain risk. Temperatures slightly above normal for this time of year.
- Expecting above normal precipitation chances and near normal temperatures for the week 2 timeframe.
- Below normal temperatures and above normal chances for precipitation are favored in the week 3/4 timeframe.