

# Houston Pilots Forecast Package



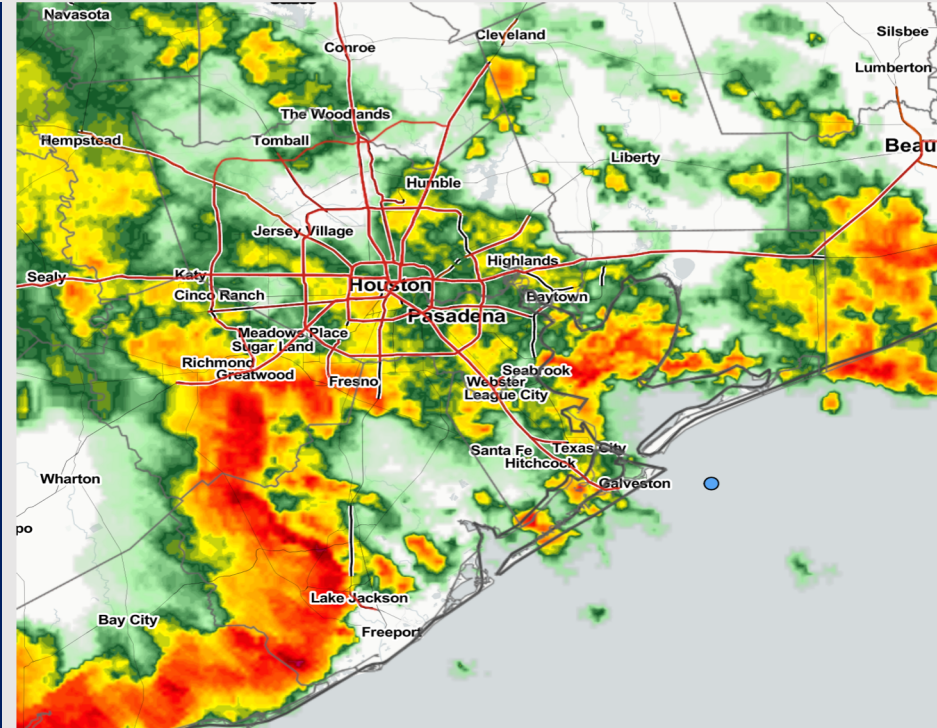
Updated: 6:00 AM CT

Wednesday, May 10, 2023

Forecaster: Tyler Riggles

## Weather Headlines

- Watching for an active period of rounds of showers and thunderstorms over the next few days, check the daily slides below for more info on a few severe threats to watch.
- Periods of elevated winds are likely for Today and especially Thursday as sustained winds at the Boarding Station are favored to remain around the 15 – 20 kt range.
- Threats for sea fog formation look very low with no strong signals over the next several days.



**Radar/NWS Alerts: 6:00 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 Extended Range Visibility Report



## Saturday 5/13/23

Reduced visibility not a concern at this time for Saturday



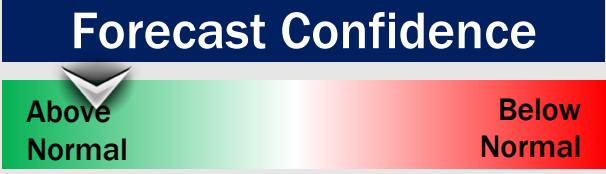
## Monday 5/15/23

Will need to watch for a low end chance of radiation fog Monday AM



## Sunday 5/14/23

Not expecting fog risks for Sunday



## Chance for Reduced Visibility

Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Possible
Monday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm		
610 Bridge	10	10	10	7	4	3	2	2	2	2	3	4	3	3	4	4	5	6	6	7	10	8	8	8	8	7	6	5	5	6	7	8	10	10	10	10	10	
Kinder 1	10	10	10	8	4	3	2	2	2	2	3	4	3	3	4	4	5	6	7	8	10	8	8	8	8	7	7	6	5	7	7	8	10	10	10	10	10	
Greens Bayou	10	10	10	9	4	3	2	2	2	2	3	4	3	3	4	4	7	7	8	8	10	8	8	8	8	8	8	7	7	8	8	8	10	10	10	10	10	
Shell Crude	10	10	10	9	5	3	2	2	2	2	3	4	3	3	4	4	8	8	8	8	10	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	
Lynchburg Ferries	10	10	10	9	5	3	2	2	2	2	3	4	3	3	4	4	8	8	8	8	10	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	
Exxon 3	10	10	10	9	5	3	3	2	2	2	3	4	3	3	4	4	8	8	8	8	10	8	8	8	8	8	8	8	8	8	8	8	9	10	10	10	10	
Morgans Point	10	10	10	9	5	4	3	2	2	2	3	4	3	3	4	4	8	8	8	8	10	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	
75/76	10	10	10	9	5	4	4	3	2	2	3	4	3	3	4	4	8	8	8	8	10	9	8	8	8	8	8	8	8	8	8	8	8	10	8	10	10	
63/64	10	10	10	9	5	4	4	3	2	2	3	4	3	3	4	4	8	8	8	8	10	10	9	9	8	8	8	8	8	8	8	8	8	10	8	10	10	
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37/38	10	10	10	7	5	6	4	3	2	2	3	4	4	4	4	4	8	8	8	8	8	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	10	10
25/26	10	10	10	7	6	6	4	3	2	2	3	4	4	4	5	4	8	8	8	8	8	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	10	9
11/12	10	10	10	7	6	6	4	3	2	2	3	4	4	4	5	4	8	8	8	8	8	8	10	10	8	8	8	8	8	8	8	8	8	8	8	8	9	9
1 & 2 Bravo	10	10	10	7	6	6	4	4	2	2	2	3	4	4	4	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	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	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	
610 Bridge	3	4	5	5	7	6	7	6	5	6	7	8	7	6	8	12	11	10	9	9	9	9	8	9	8	8	8	9	9	10	10	10	10	10	10	10	
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	ESE	E	E	E	ENE	ENE	ESE	S	S	SSW	SSW	SSW	SSW	SW	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
Kinder 1	3	4	5	5	7	6	6	6	5	7	7	8	7	6	8	12	11	10	9	9	9	8	9	8	8	8	9	9	10	10	10	10	10	10	10	10	
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	ESE	E	E	E	ENE	E	ESE	S	S	SSW	SSW	SSW	SSW	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
Greens Bayou	4	5	4	5	6	7	6	6	6	7	8	8	7	7	9	12	11	10	10	9	9	9	8	9	8	8	8	9	9	10	10	10	10	10	10	10	
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	ESE	ESE	ESE	E	ENE	E	ESE	S	S	SSW	SSW	SSW	SW	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
Shell Crude	4	5	4	6	6	8	5	7	6	8	8	8	7	8	8	12	11	11	10	10	9	9	9	9	9	9	9	9	10	10	11	11	11	11	11	11	
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Lynchburg Ferries	5	5	2	7	6	10	4	7	6	7	8	8	8	8	8	12	11	11	10	10	9	9	9	10	9	9	9	10	9	10	11	11	11	11	11	12	11
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Exxon 3	5	6	3	8	8	13	6	11	7	9	9	8	9	11	7	12	12	12	11	11	10	10	10	11	11	10	10	10	10	11	11	11	11	11	11	12	11
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Morgans Point	8	8	8	10	13	15	12	16	13	12	11	11	12	13	11	14	13	13	13	12	12	12	12	13	13	12	12	12	12	12	12	12	12	12	13	13	
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25/26	13	11	16	17	18	20	17	20	17	16	14	15	13	13	14	15	15	15	15	15	14	15	15	15	15	15	15	14	14	14	13	13	12	11	12	12	
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1 & 2 Bravo	16	17	19	19	20	21	18	22	22	18	15	16	15	16	17	18	18	18	18	18	17	18	17	17	18	18	17	16	16	16	14	13	12	11	11	11	
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	ESE	ESE	ESE	ESE	ESE	SE	SSE	SSE	SSE	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	

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## Forecast Discussion

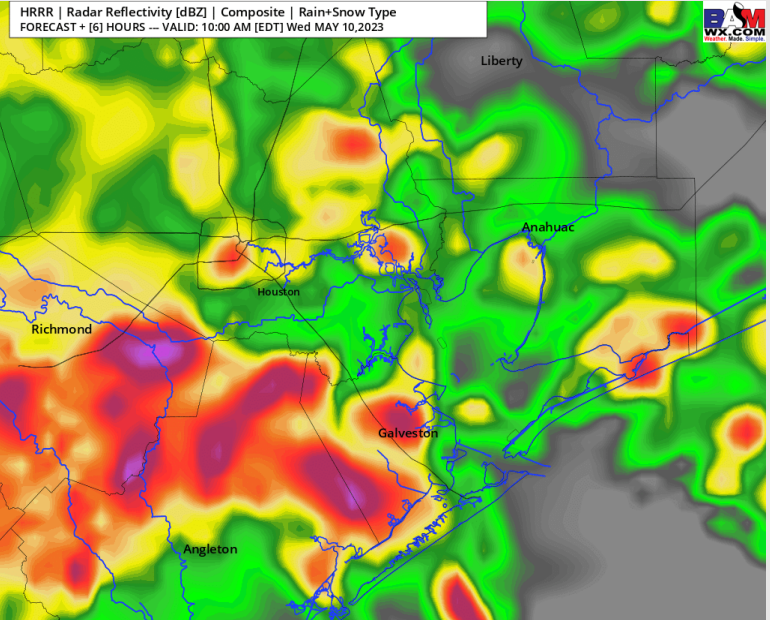
**Precip:** Favoring widespread showers and thunderstorms to continue into the area through 1 PM local time. After 1 PM, favoring coverage to become more scattered in nature through 9 PM local time. Then after 9 PM, favoring dry conditions to move into the area. A locally strong to severe storm will be possible as energy moves through the area.

**Wind:** Sustained winds will remain from the SE today, with speeds reaching 15 – 20 kts around 7 AM local time for stations south of Morgan’s Point. **Potential gusts of 30 – 35+kts possible within strong thunderstorms around 10 AM local time.** Gusts outside of thunderstorms reaching around 14-19 kts. Towards the afternoon hours, favoring sustained winds to calm to about 12 – 17 kts, however higher wind gusts of 30– 35+ kts still possible due to scattered storms. Winds of 10 – 15 kts north of Morgan’s Point. Locally higher gusts will be possible under any strong storms in the AM hours.

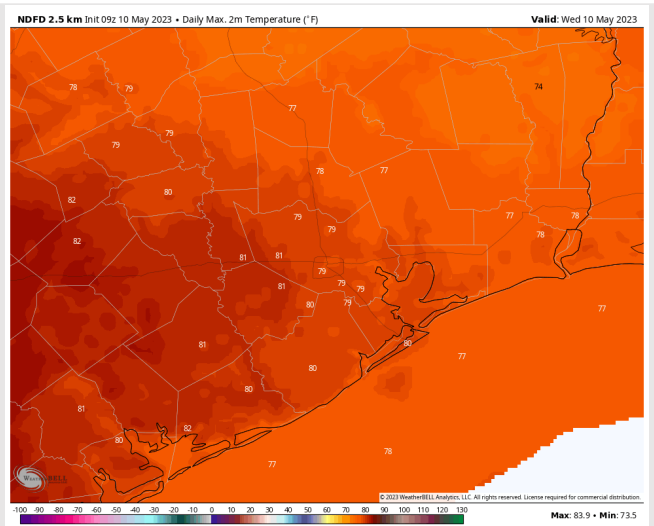
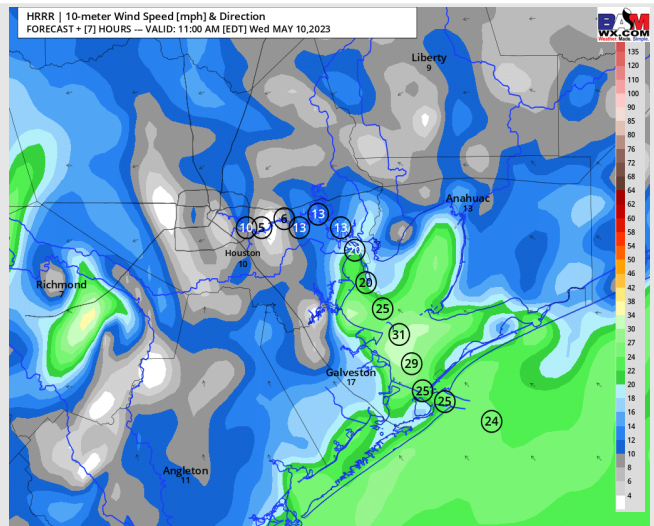
**Temps:** High temperatures today will be in the upper 70s to lower 80s F for all stations.

**Visibility:** Not anticipating any fog concerns Wednesday, but reduced visibility within stronger storms will be possible.

## Precip Image: 9 AM CT



**Wind Speed:  
10 AM CT**



**High Temps  
Today**

## Forecast Discussion

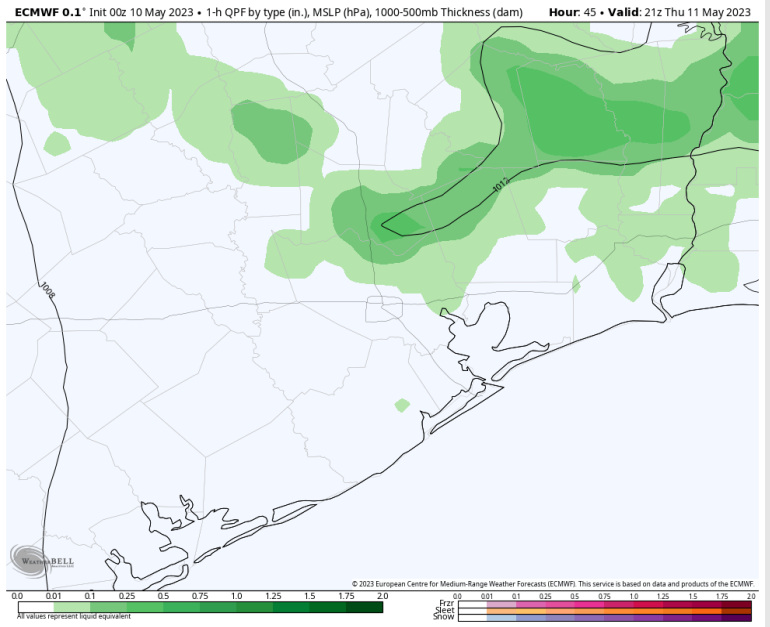
**Precip:** Shower chances will be scattered for most of Thursday with heavier rain staying North of the Houston bay area. The best window to see heavier activity will come from 3 PM – 6 PM. Favoring rain chances to exit the area altogether by 10 PM, leaving dry conditions for the overnight. Small hail will be possible with scattered storms in the PM.

**Wind:** Favoring sustained winds from the SE on Thursday. Winds will generally be 7 -12 kts north of Morgan’s Point, and 13- 18 kts south of Morgan’s Point. During the PM hours, gusty winds from scattered thunderstorms of up to 20 - 25 kts will be possible, mainly for stations south of Morgan’s Point.

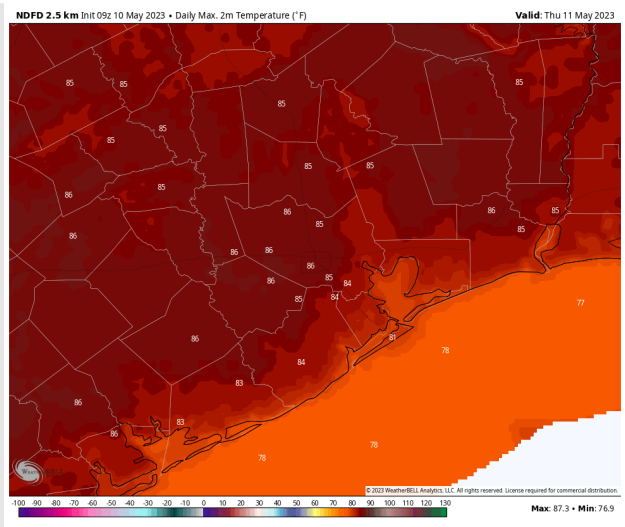
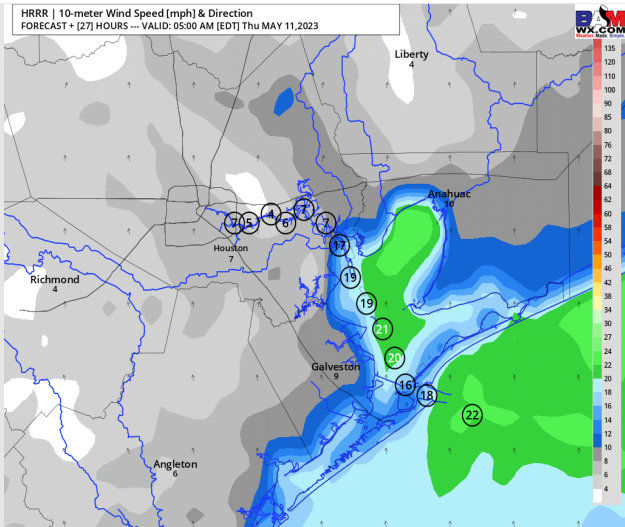
**Temps:** High temperatures Thursday will be in the mid 80s F north of Morgan’s Point, and in the lower 80s to upper 70s F south of Morgan’s Point.

**Visibility:** Not anticipating any visibility concerns at this time via fog, but reduced visibility within stronger PM storms is possible.

## Precip Image: 4 PM CT



**Wind Speed:  
4 AM CT**



**High Temps  
Thursday**

# Houston Pilots: Fri. 5/12/2023



## Forecast Discussion

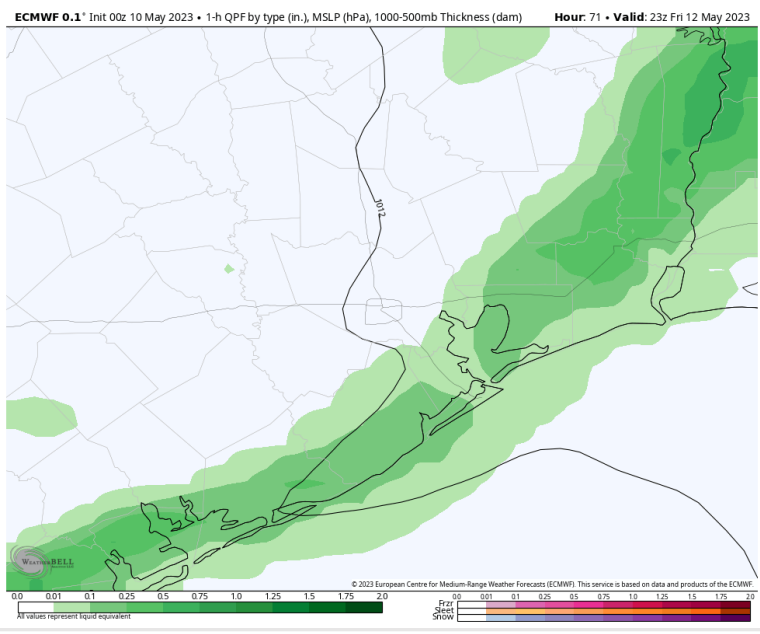
**Precip:** Favoring dry conditions throughout the morning and into the early afternoon Friday. Then favoring coverage to increase around 12 PM as a system works its way through around 6 PM local time. Then after 8 PM favoring dry conditions for the rest of the evening.

**Wind:** Sustained winds will be out of the SE throughout the day Friday. Winds N of Morgan's Point being 8-15 kts throughout the day Friday. Winds S of Morgan's Point will be 18-23 kts during the early AM, then after 8 AM, favoring winds S of Morgan's Point to decrease to 13-19 kts throughout the rest of the day.

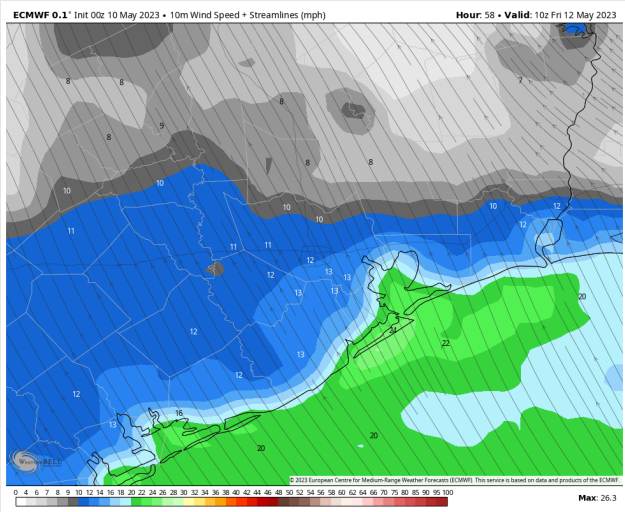
**Temps:** High temps Friday will be in the upper 70s F near the boarding station, and in the mid to upper 80s F across all other station.

**Visibility:** Not anticipating any fog concerns at this time, but reduced visibility within stronger storms is possible.

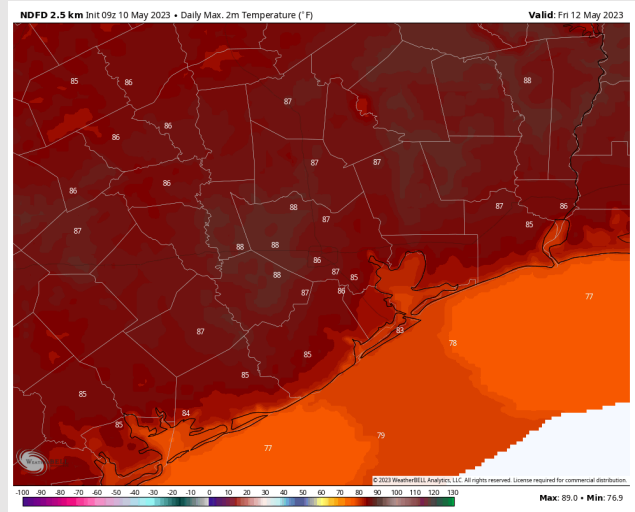
## Precip Image: 6 PM CT



Wind Speed:  
5 AM CT

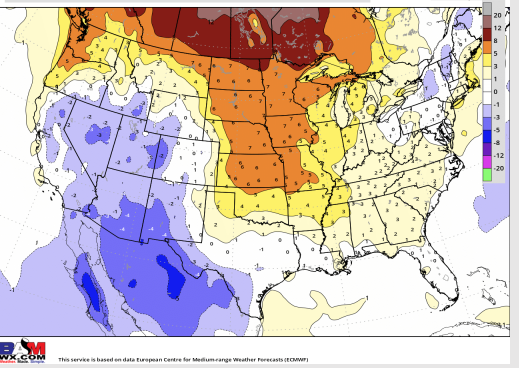


High Temps  
Friday

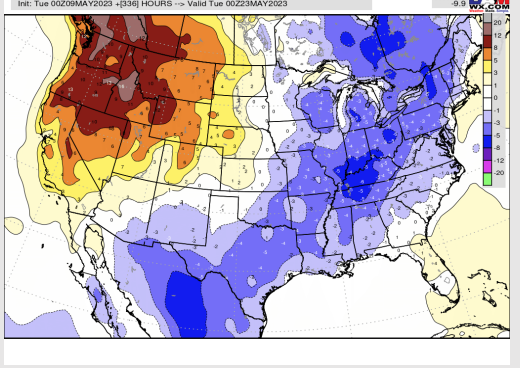


# Houston Pilots: 5/10/23

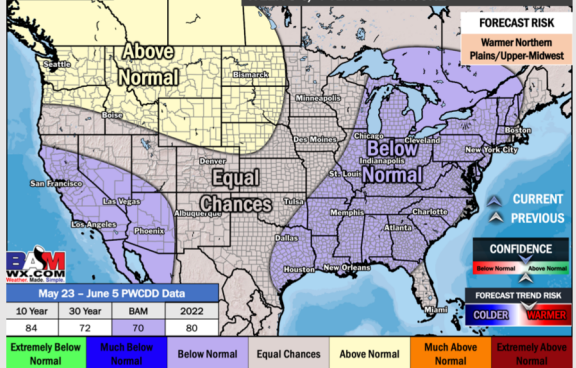
**Next 7 Day Temperature Departure**



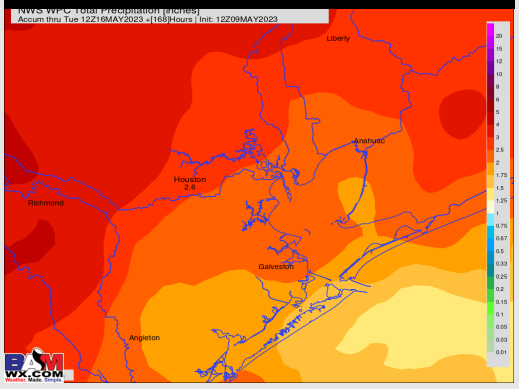
**8-14 Day Temperature Departure**



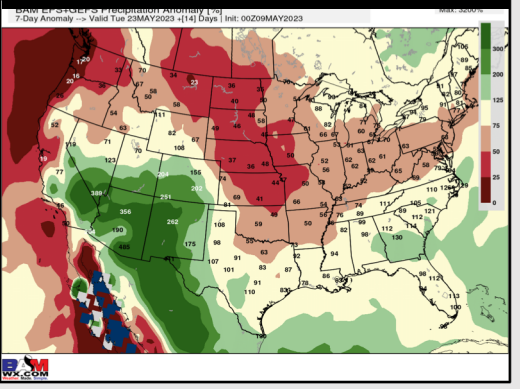
**15-30 Day Temperature Departure**



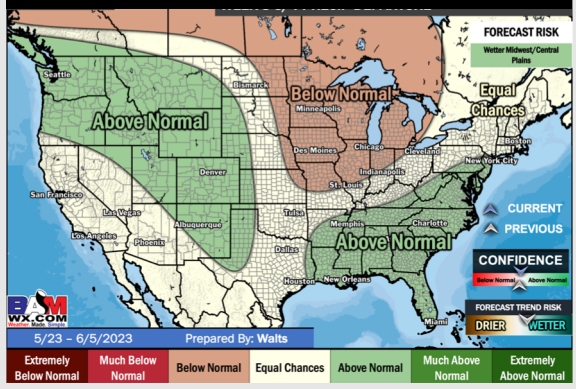
**Next 7 Day Total Precipitation**



**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 near normal precipitation chances and slightly below normal temperatures for the week 2 timeframe.
- Seasonable to below normal temperatures and seasonable to slightly above normal chances for precipitation are favored in the week 3/4 timeframe.