

# Houston Pilots Forecast Package

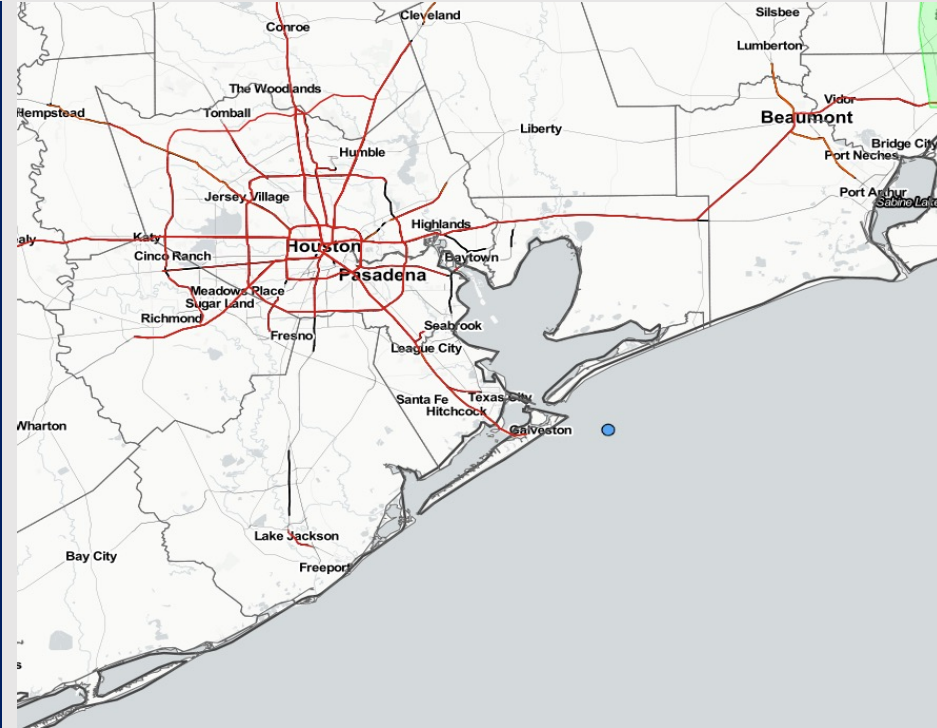


Updated: 2:10 PM CT  
Tuesday, May 2, 2023

Forecaster: Will Danby

## Weather Headlines

- Favoring a drier week ahead with the next rain chance pushing in late Thu PM and continuing into the weekend.
- Winds remain rather calm over the next few days with the best risk for elevated winds coming Fri/Sat.
- Threats for sea fog formation look very low with no strong signals over the next several days.
- Radiation fog however will be possible the next few mornings with the best risk of seeing reduced visibility coming along and north of Morgan's Point. More details on the daily slides below.



**Radar/NWS Alerts: 2:06 PM CT**



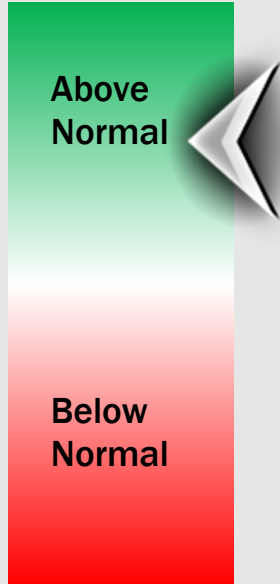
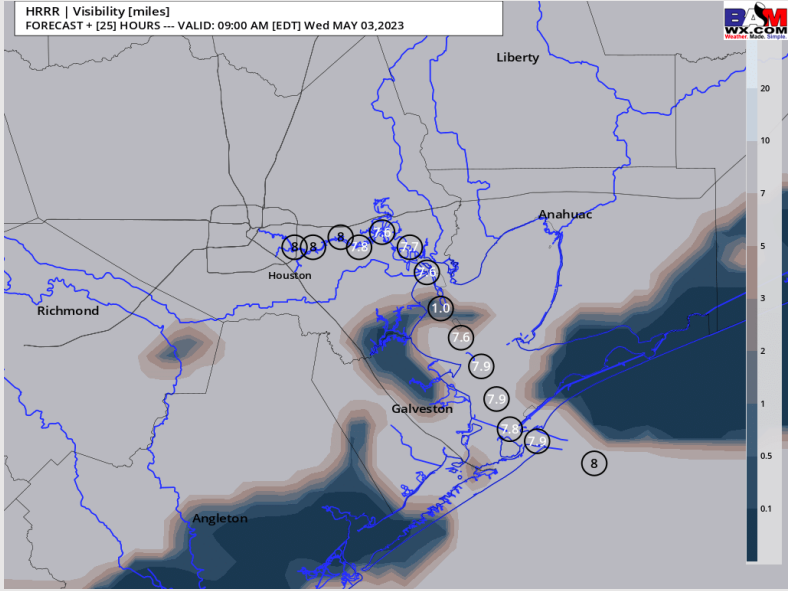
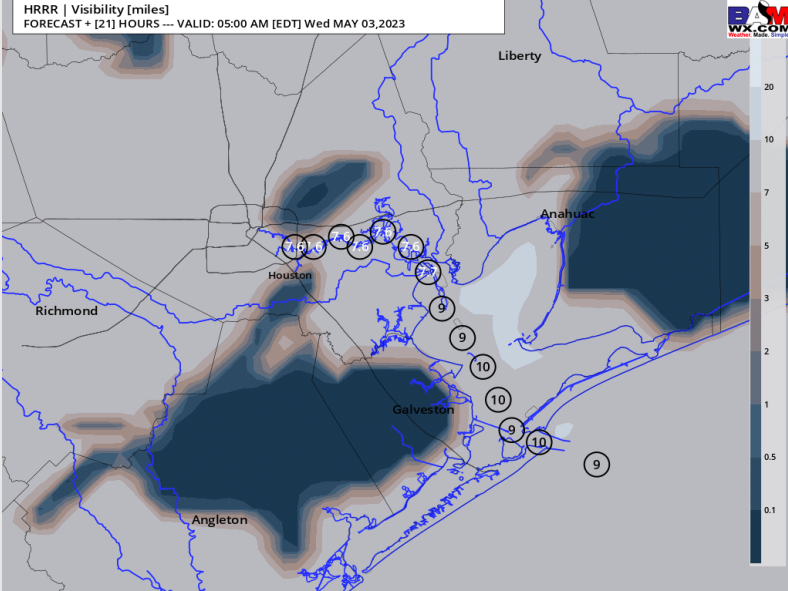
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Visibility Report



## 4 AM CT TUE VISIBILITY      8 AM CT TUE VISIBILITY

## Confidence



TIMEFRAME DISCUSSED	THREAT
3 AM - 10 AM TUE	Low - Medium

- Favoring areas of reduced visibility to build via radiational fog starting around ~3 AM to areas west of the bay over land. The best window to see areas of reduced visibility will come from 4 AM - 8 AM for Morgan's Point and stations north.
- Favoring visibilities to remain within 2 -4 miles with this fog, with a few areas of patchy dense fog mainly across Shell Crude to the 610 Bridge.
- The images above show the hit and miss nature of this fog. Unlike sea fog, this fog will be quick to depart by 9-10 AM with higher confidence on that.
- Not favoring any sea fog type concerns for locations south of Morgan's Point due to less moisture present over the bay and not coming from the sea.

# Houston Pilots Extended Range Visibility Report



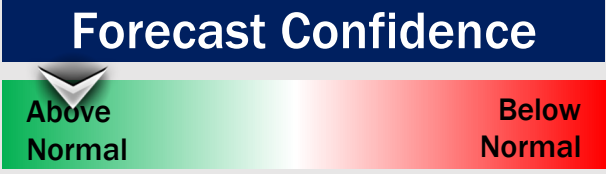
## Friday 5/5/23

Reduced visibility does not look to be a concern for Friday.



## Saturday 5/6/23

Reduced visibility does not look to be a concern for Saturday



## Sunday 5/7/23

While not favored, worth keeping eyes towards Sunday AM for areas of reduced visibility as parameters are borderline for sea fog ahead of a potential front.



## Chance for Reduced Visibility

Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Possible
Sunday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	
610 Bridge	7	6	3	3	0.84	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	6	6	4	6	10	10	10	10	10	10	
Kinder 1	7	6	3	3	0.84	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	7	6	6	5	6	10	10	10	10	10	10	
Greens Bayou	7	6	4	3	0.76	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	7	6	7	10	10	10	10	10	10	
Shell Crude	8	7	4	4	1	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	10	10	10	10	10	10	
Lynchburg Ferries	8	7	4	4	2	1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	10	10	10	10	10	10	
Exxon 3	10	10	6	4	2	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	8	8	8	8	10	10	10	10	10	10	
Morgans Point	10	10	6	6	5	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	8	8	8	8	10	10	10	10	10	10	
75/76	10	10	6	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	10	10	10	10	10	10	
63/64	10	10	7	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	10	10	10	10	10	
51/52	10	10	9	8	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	10	10	10	10	10	
37/38	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	
25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	
11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	10	10	10	10	
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	10	9	9	9	9	8	9	10	10	10	10	10

**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



## Example

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	
610 Bridge	2	3	2	3	2	2	3	5	5	6	7	7	8	7	7	8	8	6	5	4	4	3	2	2	2	2	2	3	3	3	3	3	5	6	8	9	10
Kinder 1	2	3	2	3	2	3	2	3	5	5	6	7	8	7	7	8	8	6	5	4	4	3	2	2	1	2	2	3	3	3	3	5	6	8	9	10	
Greens Bayou	2	3	2	3	2	3	2	3	4	5	6	7	8	7	7	8	8	6	5	4	3	2	2	1	2	2	3	3	3	3	5	6	8	9	10		
Shell Crude	2	3	2	2	2	3	3	5	6	6	7	8	8	7	7	8	8	6	5	4	4	3	2	2	2	2	3	3	3	3	5	6	8	9	10		
Lynchburg Ferries	2	3	3	2	2	3	4	5	5	5	6	7	7	7	7	9	8	6	5	4	4	3	2	2	2	3	3	3	3	3	5	6	8	9	10		
Exxon 3	4	3	5	5	5	7	6	7	6	6	6	9	9	9	11	10	10	9	8	6	6	5	4	4	3	2	3	3	4	5	5	6	7	8	9	10	
Morgans Point	2	2	3	3	3	3	5	7	6	5	5	7	8	8	9	10	10	8	7	6	6	5	4	4	3	4	4	4	5	5	5	6	8	8	10		
75/76	4	2	2	2	2	3	4	8	7	5	5	9	10	10	12	12	11	9	7	7	6	5	4	4	4	5	5	7	7	7	7	8	9	10	11		
63/64	4	2	2	2	2	3	4	7	7	5	6	9	10	10	12	12	11	9	7	7	6	6	4	3	3	4	5	7	7	8	8	9	10	11	12		
51/52	5	3	2	3	2	3	4	6	6	6	7	10	10	11	10	13	12	10	9	8	8	7	6	4	4	3	4	5	7	8	8	9	10	11	12		
37/38	3	1	1	2	2	3	4	6	5	6	7	10	9	10	10	11	10	8	7	7	7	6	5	4	3	2	3	4	6	7	7	8	8	10	10		
25/26	2	1	0	1	2	3	4	6	5	6	7	10	9	9	9	10	9	7	7	6	6	5	5	4	3	2	3	4	5	6	7	7	8	9	10	10	
11/12	3	1	0	1	2	4	5	6	5	6	7	10	9	9	9	9	9	7	7	6	7	6	5	3	3	3	4	6	7	7	8	8	9	10	10		
1 & 2 Bravo	4	3	1	1	4	5	5	6	6	6	6	10	10	9	10	10	9	8	7	8	7	6	5	4	3	3	5	7	9	9	9	10	10	10	11		

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# Houston Pilots: Tue. 5/2/2023



## Forecast Discussion

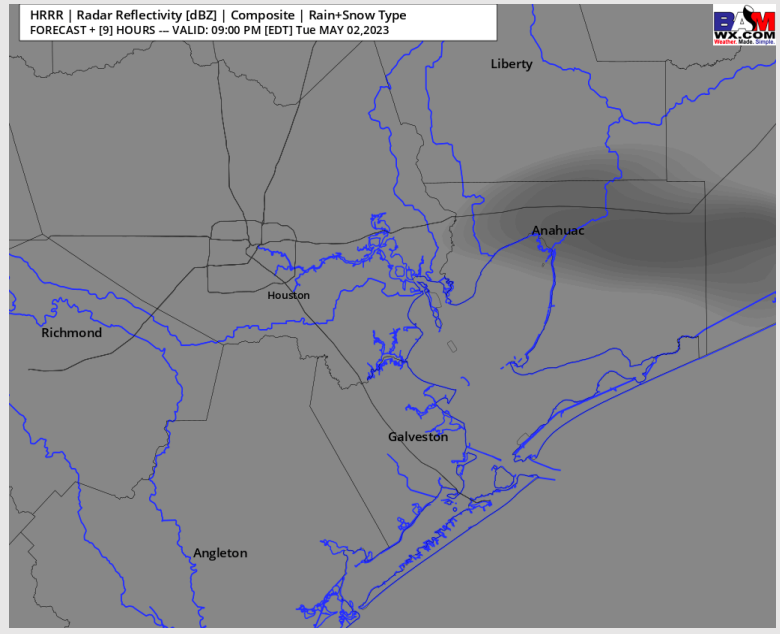
**Precip:** Favoring dry conditions for this afternoon, with a 10 – 20 % chance for a quick spotty shower from 3 – 9 PM.

**Wind:** SE winds during the afternoon and evening will veer slightly from the S/SSE towards 12 AM. Winds across all stations will be at 9 – 14 kts. Starting at 8 PM – 12 AM, winds will be weakening, and will be at 2 – 7 kts across all stations.

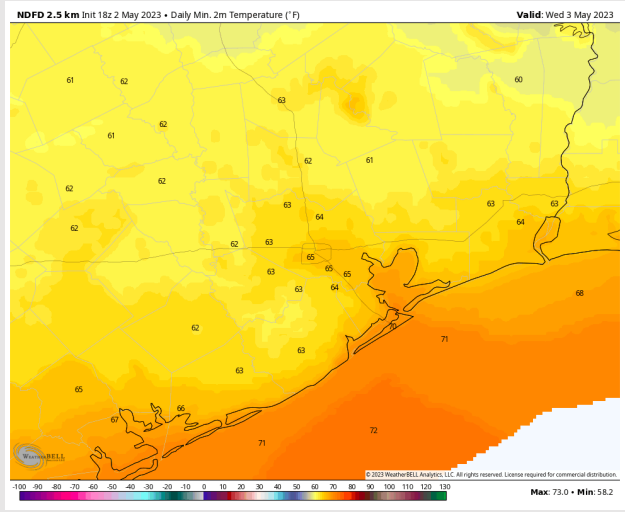
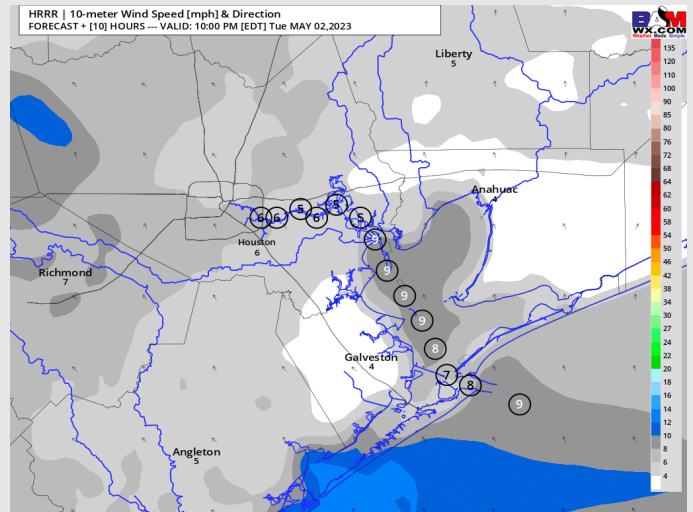
**Temps:** Low temperatures Wednesday AM will be in the mid 60s F north of Morgan’s Point and in the upper 60s F to near 70 F south of Morgan’s Point.

**Visibility:** View the visibility slide above for details on this AM.

## Precip Image: 8 PM CT



Wind Speed:  
9 PM CT



Low Temps  
Wed AM

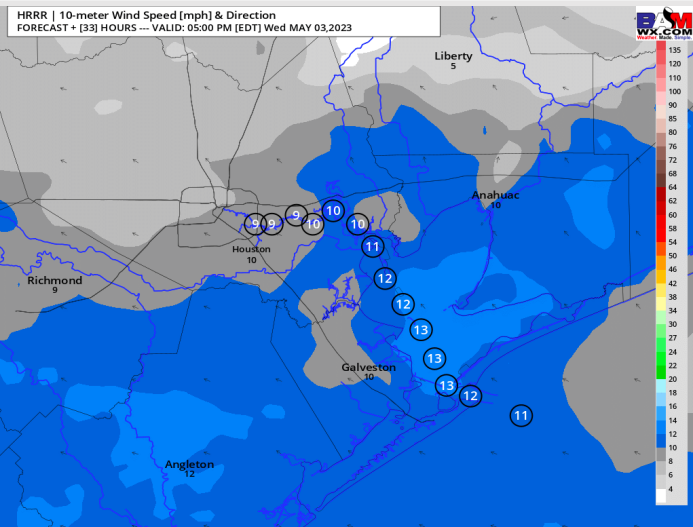
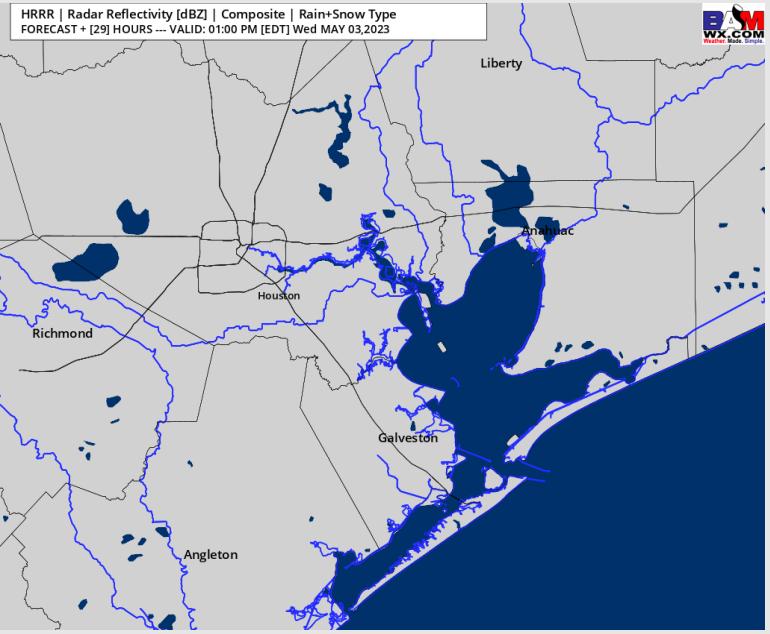
# Houston Pilots: Wed. 5/3/2023



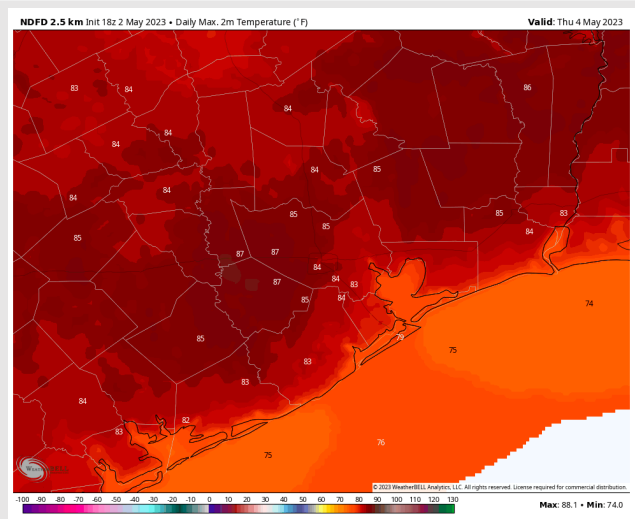
## Forecast Discussion

- Precip:** Favoring dry conditions to continue for Wednesday.
- Wind:** Winds will begin out of the NE at 3 – 8 kts for all stations early Wednesday AM. Winds will then gradually shift to be out of the SE into the mid to late afternoon, picking up to 8 – 13 kts for all stations around 2 PM. After sunset, winds N of Morgan’s Point will decrease again to 3 – 8 kts. Gusts of 13-18 kts possible through the PM.
- Temps:** High temperatures Wednesday will be in the mid 80s F north of Morgan’s Point and in the upper to mid 70s F south of Morgan’s Point.
- Visibility:** Wednesday will be another day to watch for patchy "radiation" fog, best risk along and North of Morgan’s Point coming 3-10 AM CT before lifting.

## Precip Image: 12 PM CT



Wind Speed:  
4 PM CT



High Temps  
Wednesday

## Forecast Discussion

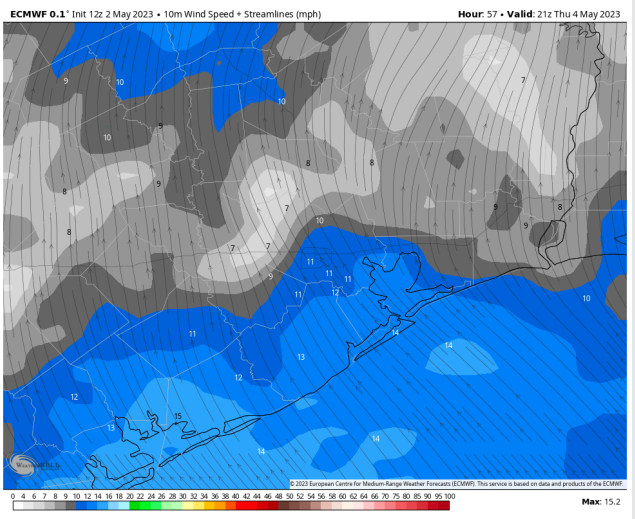
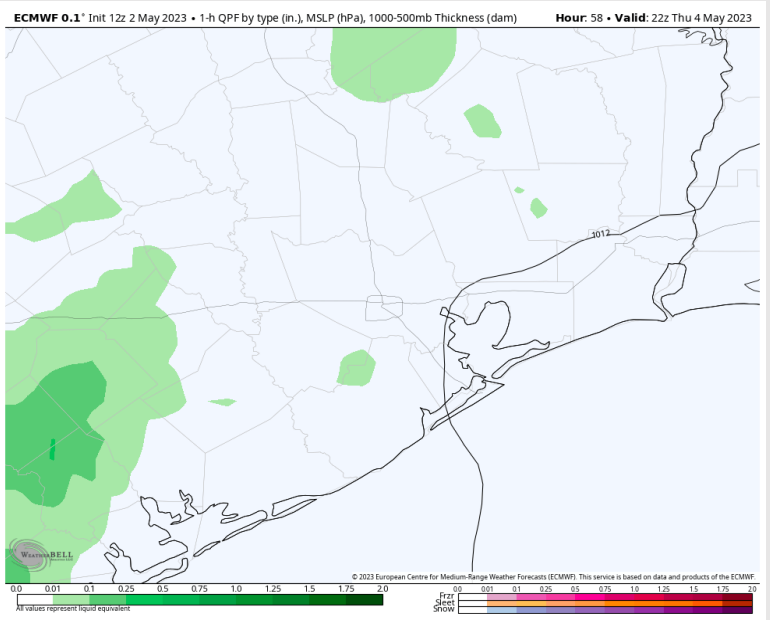
**Precip:** Favoring dry conditions for the majority of Thursday. Towards about 4 – 5 PM scattered shower chances will be present at 20% with increasing moisture towards the west. Chances look to increase slightly to 30% 8 PM – 12 AM during the late PM.

**Wind:** Near calm S winds (3 – 8 kts) will be slowly increasing during the AM hours to 8 – 13 kts by 12 PM. After 7 PM winds increase again south of Morgan’s Point to 11 – 16 kts. (Winds north of Morgan’s point remain at 8 – 13 kts). A few gusts of up to 21-23 kts will be possible across all stations during the afternoon hours.

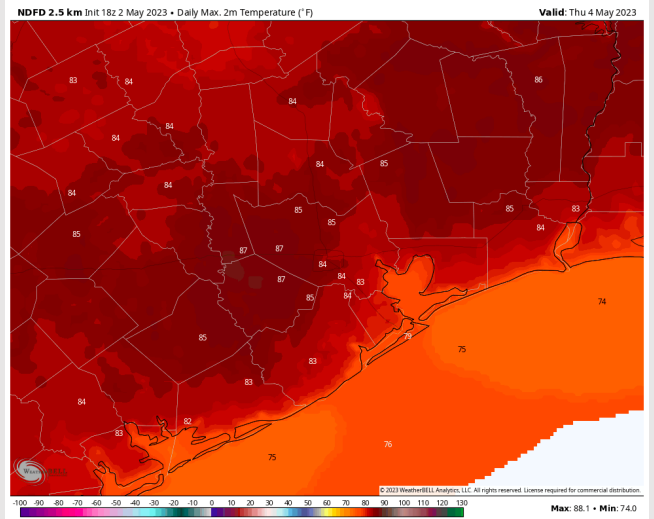
**Temps:** High temperatures Thursday will be in the mid 80s F north of Morgan’s point and in the mid to upper 70s F south of Morgan’s Point.

**Visibility:** Areas of radiational fog will be possible north of Morgan's Point during the AM from 4 – 9 AM. Confidence is lower at present time, but something worth monitoring

## Precip Image: 5 PM CT



**Wind Speed:  
4 PM CT**

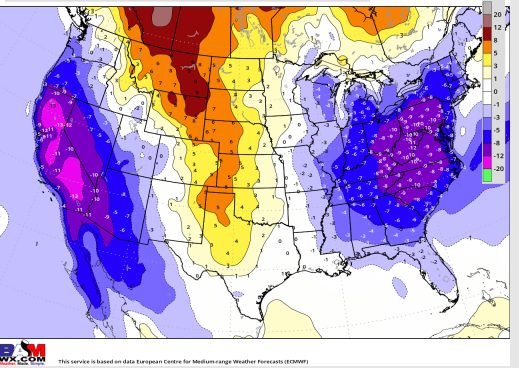


**High Temps  
Thursday**

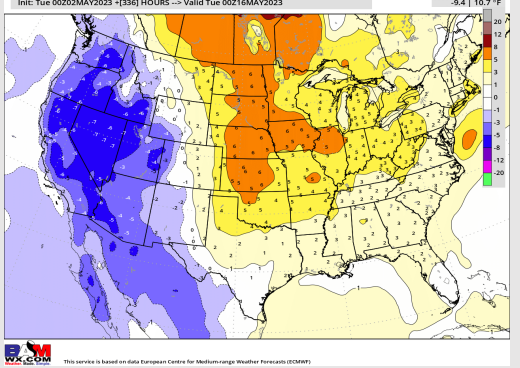


# Houston Pilots: 5/2/23

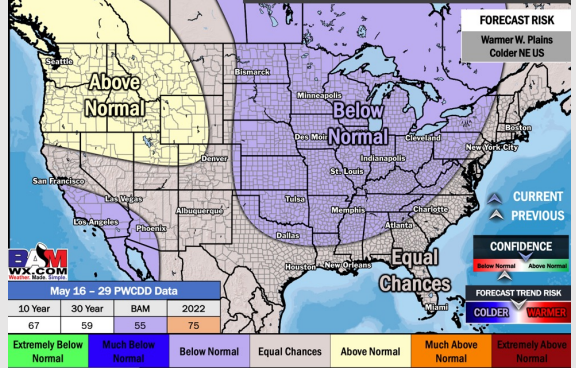
**Next 7 Day Temperature Departure**



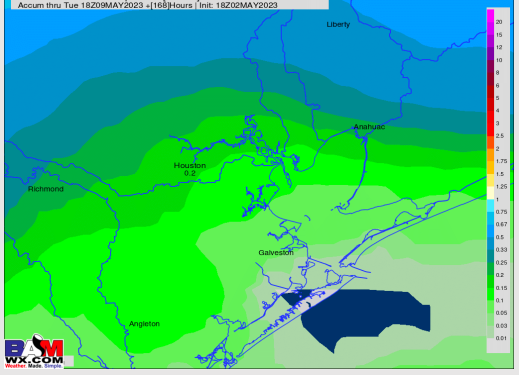
**8-14 Day Temperature Departure**



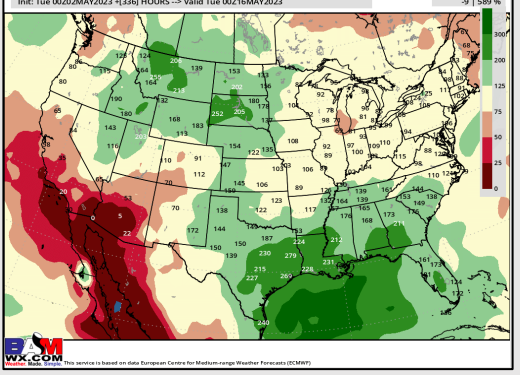
**15-30 Day Temperature Departure**



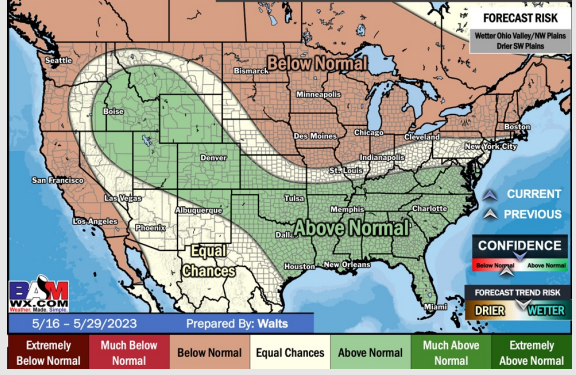
**Next 7 Day Total Precipitation**



**8-14 Day % of Average Precip.**



**15-30 Day % of Average Precip.**



- Anticipating quieter weather with rain chances picking up Friday AM and then through the weekend. Temperatures will remain near average for this time of year.
- Expecting above normal precipitation chances and slightly above normal temperatures for the week 2 timeframe.
- Near normal temperatures and above normal chances for precipitation are favored in the week 3/4 timeframe.