

Houston Pilots Forecast Package

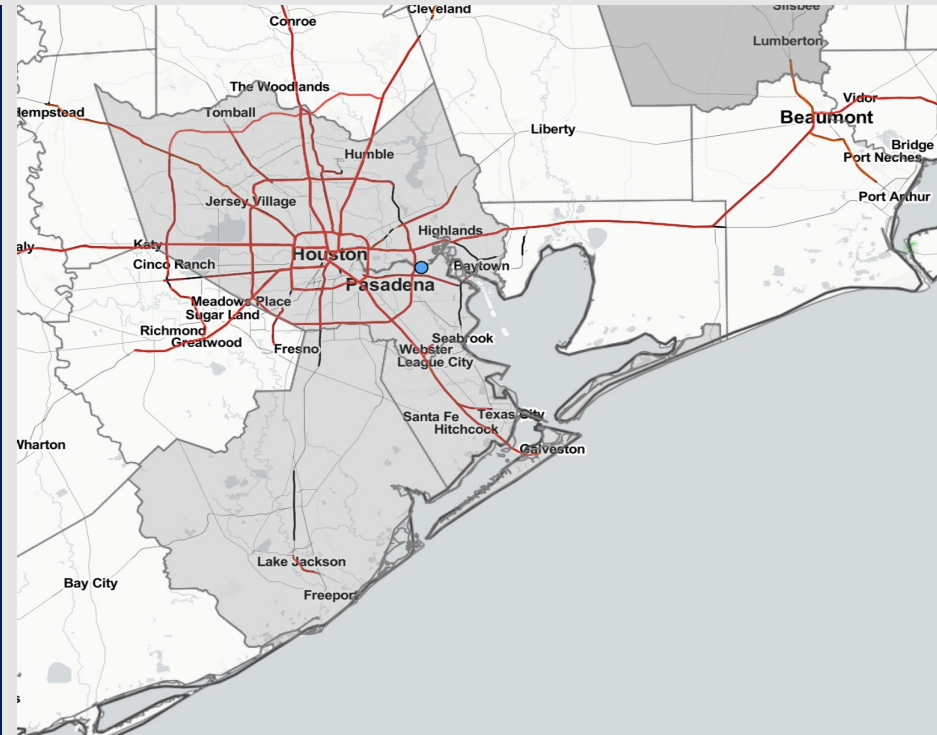


Updated: 5:00 AM CT
Sunday, May 28, 2023

Forecaster: John Kemper

Weather Headlines

- Low end 10-20% isolated shower/thunderstorm chances will be possible over the next few days, with most (if not all) locations staying dry.
- Calmer winds are favored to continue, with periods of winds reaching up to 10 - 15 kts few and far between over the next few days.
- Not anticipating any issues with sea fog development over the next few days.
- No tropical threats to monitor.



Radar/NWS Alerts: 4:50 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



Wednesday 5/31/23

Low end risk for radiation fog for stations north of Morgan's Point through the early AM Wednesday.



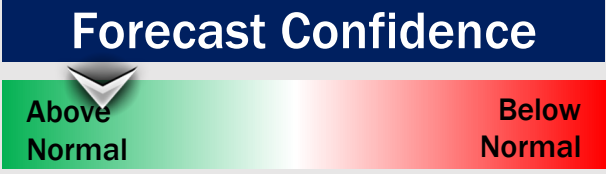
Friday 6/2/23

Not anticipating any visibility concerns on Friday.



Thursday 6/1/23

Not favoring any reduced visibility for Thursday.



Chance for Reduced Visibility

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

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

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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	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	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm	
610 Bridge	1	1	2	2	2	3	4	5	6	7	7	8	8	9	9	10	8	6	5	4	4	4	3	3	3	2	2	2	3	4	5	6	7	8	9	
	2	2	2	2	3	3	6	6	7	8	9	10	10	11	11	11	9	8	7	7	6	6	5	4	4	3	3	3	3	5	8	7	9	9	10	
Kinder 1	W	ESE	NNE	NNE	NE	ENE	E	ESE	ESE	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	S	NNE	NE	ENE	ENE	ESE	ESE	ESE	ESE	ESE		
	1	1	2	2	2	3	4	5	6	7	8	8	8	9	10	10	8	6	5	4	4	4	3	3	3	2	2	2	3	3	5	6	7	8	9	
Greens Bayou	2	2	2	3	3	4	6	6	7	8	9	10	10	11	11	11	9	8	7	7	6	5	4	4	3	3	3	4	5	8	8	8	9	10		
	W	S	NNE	NNE	NE	ENE	E	ESE	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	S	ENE	NE	ENE	ENE	ESE	ESE	ESE	ESE	SE	SE	
Shell Crude	1	1	2	2	2	3	4	5	6	7	8	8	9	10	10	10	8	6	5	4	4	4	3	3	3	2	2	3	3	5	6	7	8	9		
	W	W	NNE	NNE	NE	ENE	E	ESE	ESE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSW	SSW	NE	NE	ENE	E	ESE	ESE	ESE	SE	SE	
Lynchburg Ferries	2	1	2	2	3	3	4	5	6	7	8	8	9	10	10	10	8	7	6	5	5	5	4	3	3	3	3	4	5	6	8	8	10			
	W	NW	NNE	NNE	NE	ENE	E	ESE	ESE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSE	SSW	SSW	NE	NE	ENE	E	ESE	ESE	SE	SE	SE	
Exxon 3	3	2	3	3	3	4	5	6	7	7	8	10	10	11	11	11	9	7	6	6	6	5	5	4	4	4	3	4	4	6	7	8	9	10		
	W	NNW	NNE	NNE	NE	ENE	E	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SW	SW	NE	NE	ENE	E	ESE	ESE	SE	SE	SE	
Morgans Point	3	3	4	5	4	5	5	6	7	8	9	11	11	13	13	12	11	9	8	8	7	7	6	6	5	5	4	4	5	5	7	8	9	11		
	W	NNW	NE	NNE	NE	ENE	E	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	SSW	SSW	NE	NE	ENE	E	ESE	ESE	SE	SE	SE	
75/76	4	3	4	6	6	6	6	7	8	8	10	12	13	14	15	15	13	12	10	10	10	9	8	8	7	6	5	6	7	8	9	10	12			
	W	NW	SE	NNE	NE	ENE	E	ESE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	S	E	E	E	E	ESE	ESE	SE	SE	SE	
63/64	4	3	4	6	7	7	7	8	8	8	10	12	13	14	15	14	13	12	11	10	10	10	9	8	7	7	5	6	7	8	8	9	10	13		
	WSW	W	SE	NNE	NE	ENE	E	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	SE	ESE	ESE	E	ESE	ESE	ESE	ESE	SE	SE	
51/52	3	2	3	5	6	7	7	7	8	9	10	12	12	13	14	13	12	11	10	10	10	9	8	8	7	6	5	6	7	8	8	9	10	13		
	WSW	WSW	ENE	NE	NE	ENE	E	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SE	SE	ESE	ESE	ESE	ESE	ESE	SE	SE	
37/38	3	2	2	3	5	7	7	7	8	10	10	11	12	12	12	12	11	10	10	10	9	9	8	7	6	5	6	7	8	8	9	10	10	13		
	SW	SSW	E	NE	ENE	ENE	E	ESE	ESE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE
25/26	3	2	3	5	6	7	8	9	10	10	11	11	11	11	11	10	9	9	9	9	9	8	8	7	6	5	6	6	7	8	9	10	10	12		
	SSW	SSE	ENE	ENE	ENE	ENE	E	ESE	ESE	ESE	SE	SE	SE	SSE	SSE	SSE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE
11/12	3	3	3	3	5	7	7	8	9	9	10	10	10	10	10	10	9	9	9	9	9	9	8	8	7	6	6	6	7	8	8	9	10	10	11	
	S	SE	E	ENE	ENE	ENE	E	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE
1 & 2 Bravo	5	3	3	4	6	7	8	9	9	9	10	10	10	11	10	11	10	10	10	10	10	10	10	9	8	7	7	8	9	9	10	10	10	11		
	SSE	SE	E	ENE	ENE	ENE	E	E	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE

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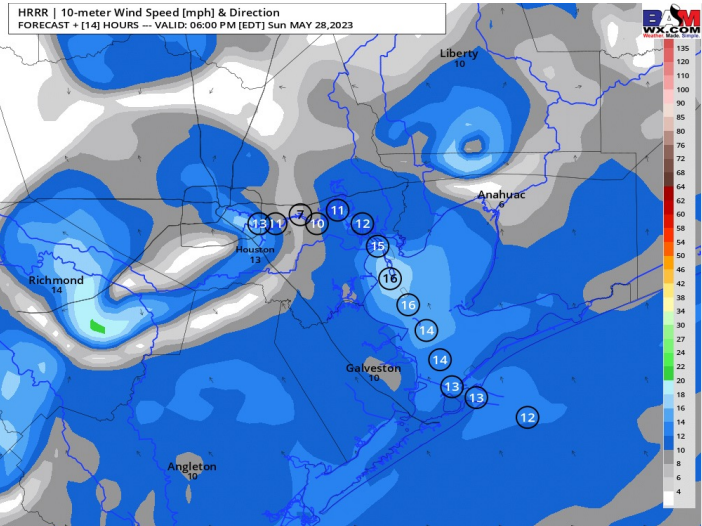
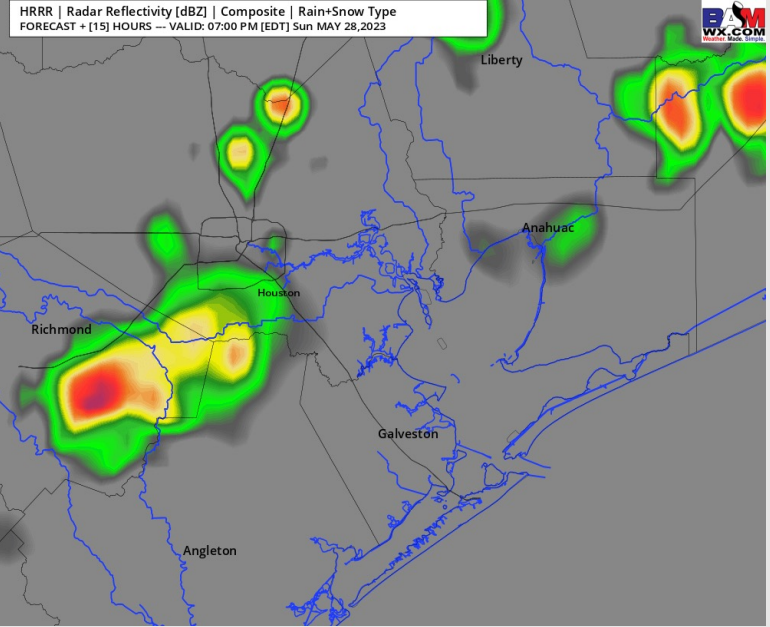
Houston Pilots: Sun. 5/28/2023



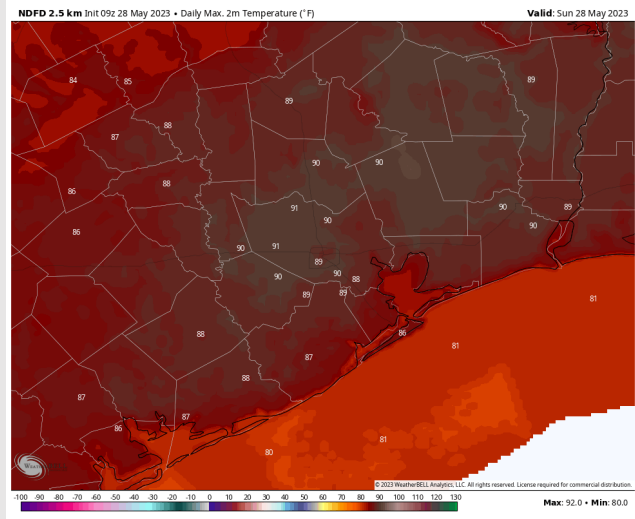
Forecast Discussion

- Precip:** Favoring more dry time than not with a 10% chance for a light, isolated shower between 3 – 9 PM.
- Wind:** Winds expected to be variable and calm at at 2 – 6 kts throughout much this AM. After 2 PM, winds will veer out of the S/SSE where they will gradually increase to 8 – 13 kts.
- Temps:** High temperatures near 80 F at the Boarding Station and in the upper 80s to near 90 F across all other stations.
- Visibility:** Not anticipating any visibility concerns at this time.

Precip Image: 6 PM CT



Wind Speed:
5 PM CT



High Temps
Today

Houston Pilots: Mon. 5/29/2023



Forecast Discussion

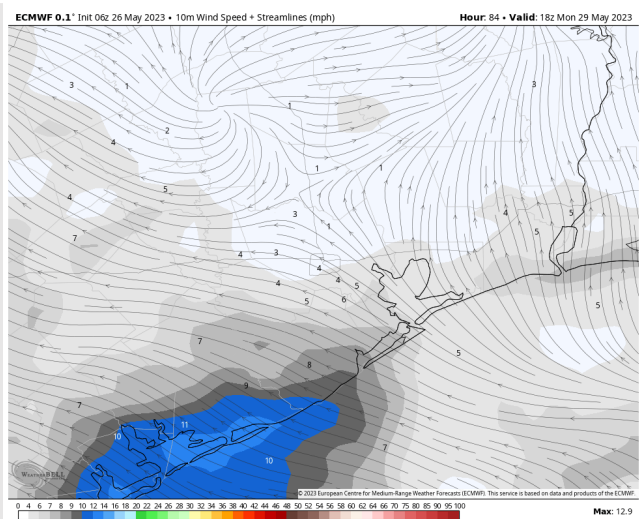
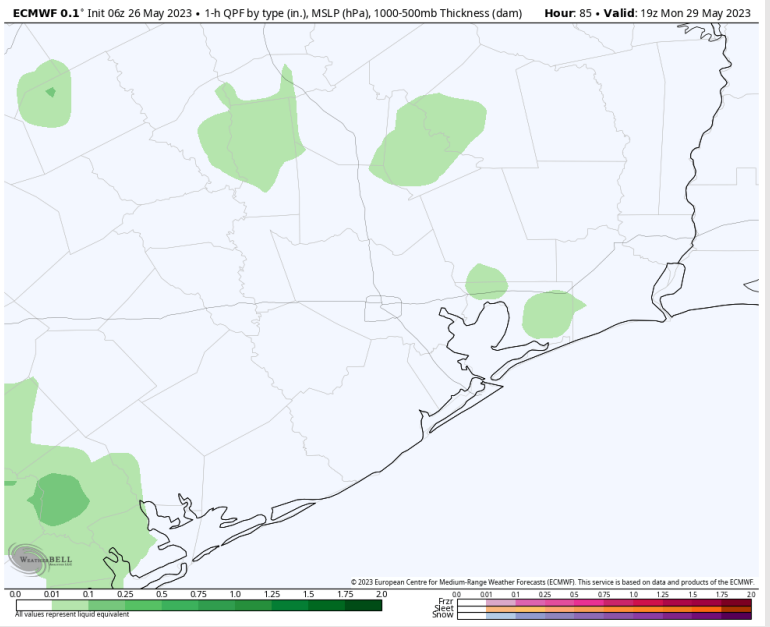
Precip: A few hit and miss showers / storms will begin to creep in from the SW after 11 AM Monday. As we get further into the afternoon, storm chances will continue to increase, tapering off around sunset.

Wind: Winds will begin out of the SSE Monday at 5 - 10 kts before sunrise. After 5 AM, winds will become more variable as a weak boundary works over with calmer winds of 2 - 6 kts. After noon, winds will veer back out of the SSE and will pick back up to 5 - 10 kts.

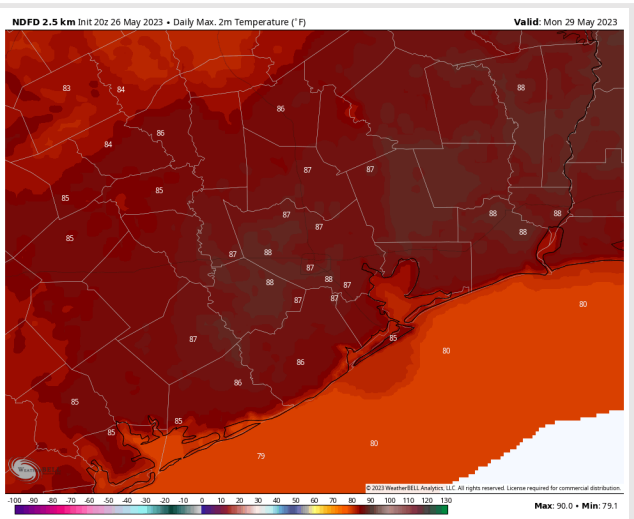
Temps: High temperatures Monday will be near 80 F at the Boarding Station and in the mid to upper 80s F for all other stations.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 2 PM CT



Wind Speed:
1 PM CT



High Temps
Monday

Forecast Discussion

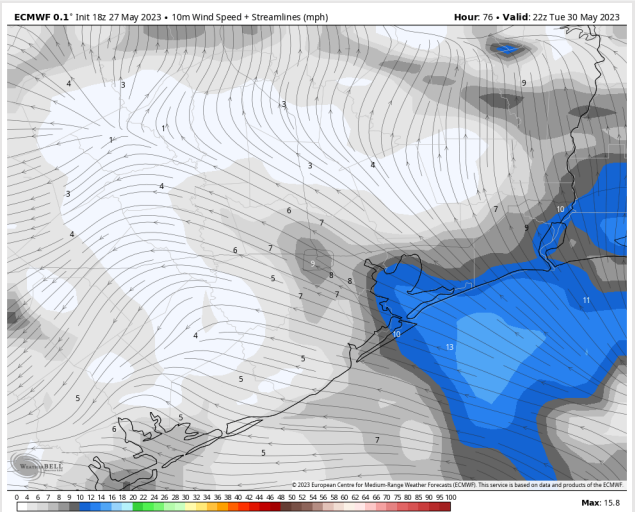
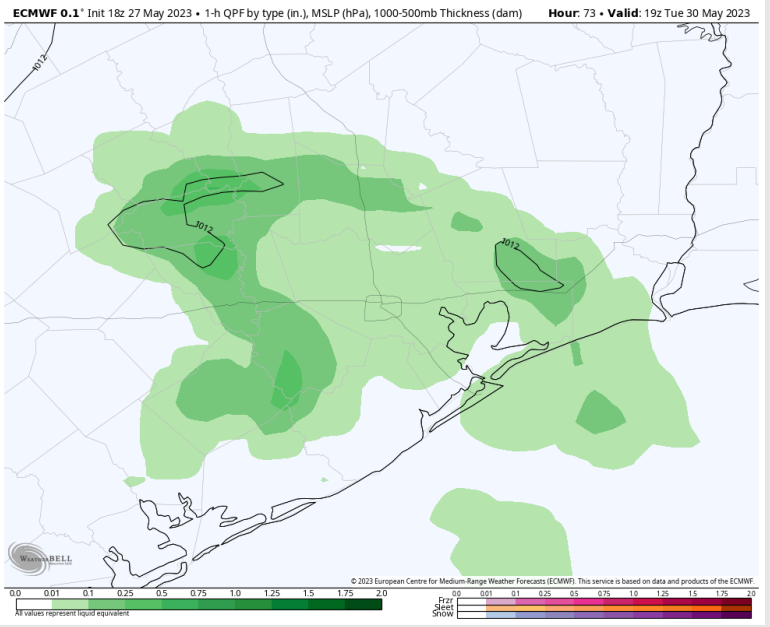
Precip: A few rounds of showers and storms will work into the area Tuesday. Favoring these rain chances to begin in the morning with chances lasting out through the early evening.

Wind: Sustained winds through the AM generally out of the SE at 5- 10 kts. Winds will then remain out of the SSE throughout the rest of the day with wind speeds slightly increasing to 10 - 15 kts.

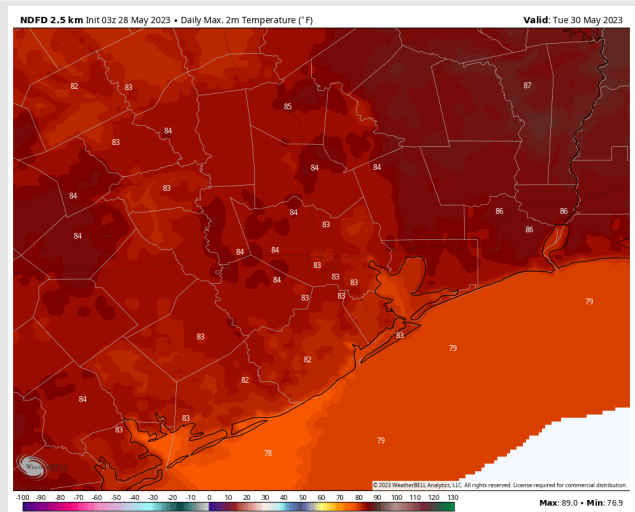
Temps: Favoring high temperatures Tuesday to be in the upper 70s F for stations S of Morgan's Point, while stations N of Morgan's Point sit in the low 80s F.

Visibility: Not anticipating visibility concerns at this time.

Precip Image: 2 PM CT



**Wind Speed:
5 PM CT**

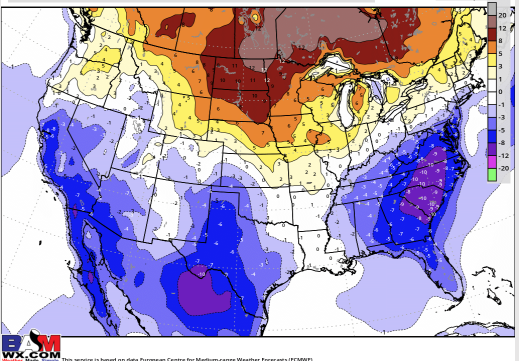


**High Temps
Tuesday**

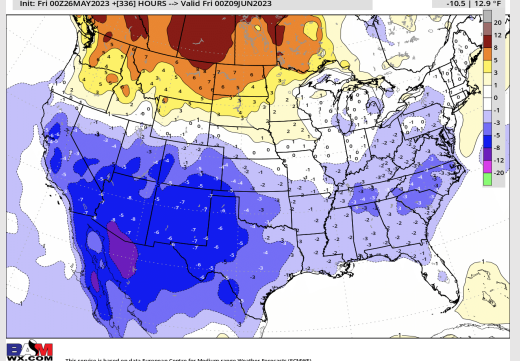
Houston Pilots: 5/28/23



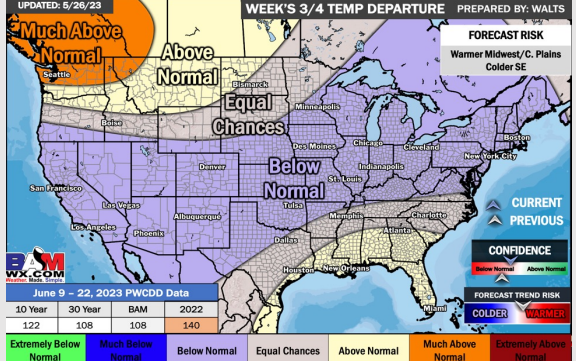
Next 7 Day Temperature Departure



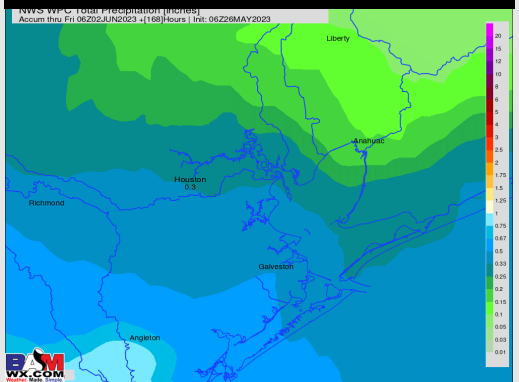
8-14 Day Temperature Departure



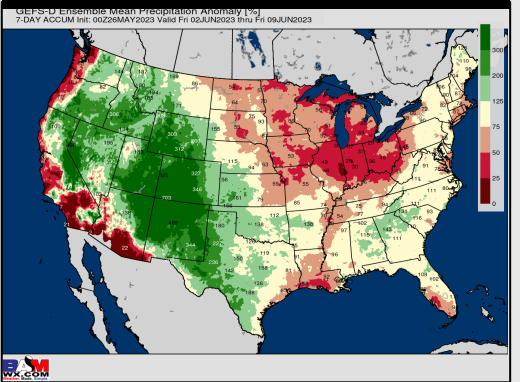
15-30 Day Temperature Departure



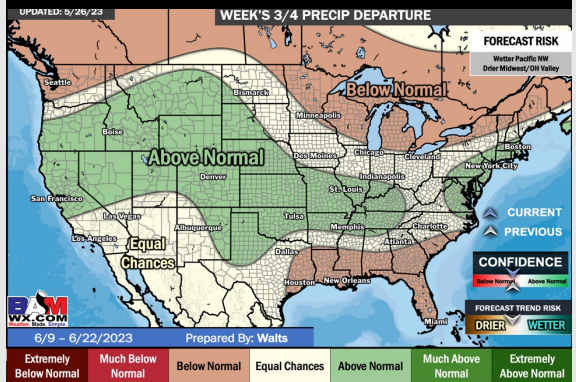
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- A few very isolated rain chances over the next couple days with the better shot working in toward the middle of next week. Favoring cooler than normal temperatures over the next week.
- Expecting below normal precipitation chances and slightly below normal temperatures for the week 2 timeframe.
- Above normal temperatures and below normal chances for precipitation are favored in the week 3/4 timeframe.