

Houston Pilots Forecast Package

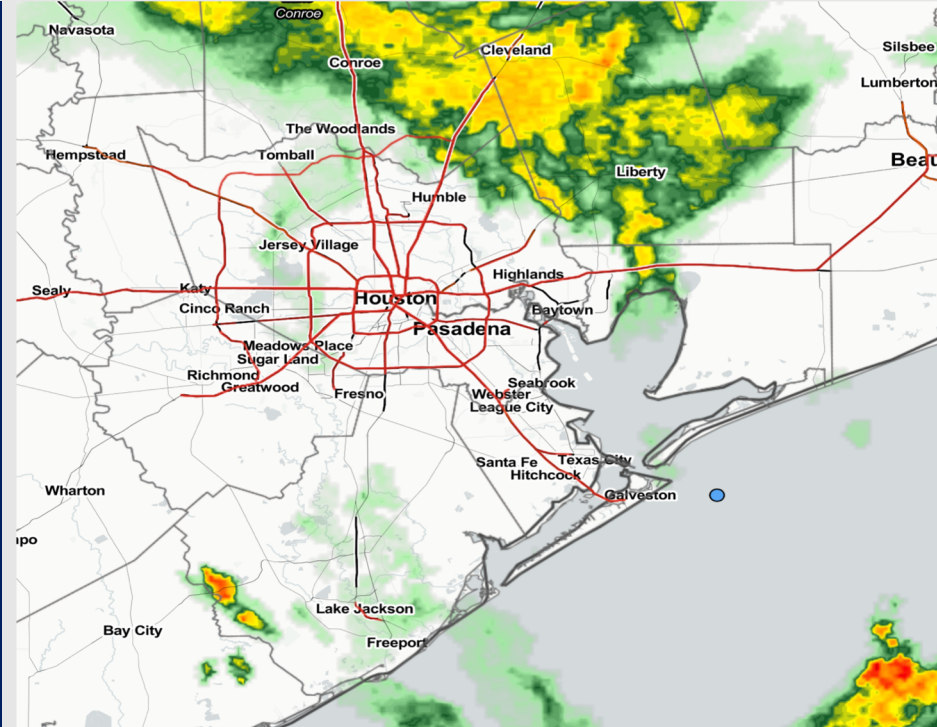


Updated: 2:00 PM CT
Tuesday, May 9, 2023

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 Wednesday 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: 2:00 PM CT



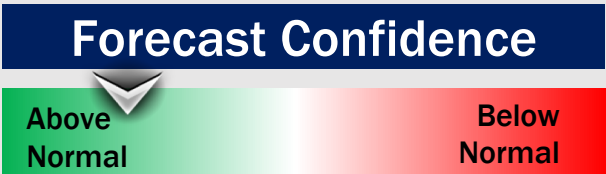
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Extended Range Visibility Report



Friday 5/12/23

Reduced visibility not a concern at this time for Friday.



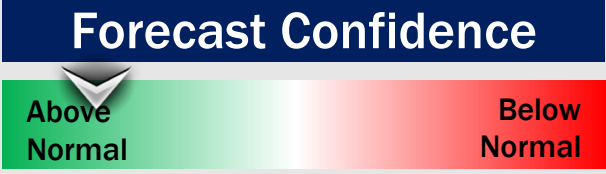
Sunday 5/14/23

Not expecting fog risks for Sunday



Saturday 5/13/23

Reduced visibility not a concern at this time for Saturday



Chance for Reduced Visibility

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

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	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	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	
610 Bridge	6	6	6	6	5	4	6	6	6	6	6	6	6	6	6	6	6	6	6	7	6	6	2	3	3	3	3	2	2	2	3	5	6	6	5	4	4
Kinder 1	6	6	6	6	5	4	6	6	6	6	6	6	6	6	6	6	6	6	7	7	6	6	4	4	4	4	4	4	4	4	5	5	6	6	5	5	5
Greens Bayou	6	6	6	5	5	4	5	6	6	6	6	6	6	6	5	7	8	8	7	6	6	6	6	5	6	5	6	6	8	8	6	6	7	7	6	6	
Shell Crude	6	6	5	5	4	4	5	5	6	6	6	6	6	6	5	4	8	8	8	8	8	8	8	9	8	8	8	8	10	10	8	9	8	8	8	8	
Lynchburg Ferries	6	6	6	4	3	4	4	5	6	6	6	6	6	6	5	4	8	8	8	8	8	8	8	9	8	8	9	8	10	10	8	9	8	8	8	8	
Exxon 3	4	6	6	4	3	4	4	5	6	6	6	6	6	6	5	4	8	8	8	8	8	8	8	9	8	8	9	8	10	10	8	9	8	8	8	8	
Morgans Point	4	6	6	4	3	4	4	5	6	6	6	6	6	6	5	4	8	8	8	8	8	8	8	9	8	8	9	8	10	10	8	9	8	8	8	8	
75/76	4	6	5	4	3	4	4	5	6	6	6	6	6	6	5	4	8	8	8	8	8	8	8	9	8	8	9	8	10	10	8	9	8	8	8	8	
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37/38	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	10	8	8	8	8	8	8	9	8	8	9	8	10	10	8	9	8	8	8	8	
25/26	5	5	4	4	4	4	4	4	4	5	6	5	4	4	4	4	10	8	8	8	8	8	8	9	8	8	9	8	10	10	8	9	8	8	8	8	
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1 & 2 Bravo	5	6	5	4	4	4	4	4	4	6	6	5	4	4	4	4	10	8	8	8	8	8	8	9	8	8	9	8	9	8	8	9	8	8	8	8	

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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	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	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	
610 Bridge	3	7	5	6	1	4	1	3	5	3	5	2	4	3	8	9	10	10	10	10	10	11	10	12	12	13	14	13	14	14	13	13	13	12	11	11	10
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	W	WSW	SSW	WNW	SSW	NE	SSE	ESE	ESE	SE	SE	E	SE	SSE	SSE	ESE	ESE	SE	SE	SE	SSE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	
Kinder 1	3	8	5	6	1	4	1	3	5	5	3	4	2	4	3	8	9	10	10	10	11	10	12	12	13	14	14	13	13	13	13	12	11	11	10		
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Greens Bayou	4	9	5	6	3	3	2	3	5	5	3	3	3	4	3	8	8	9	10	10	11	10	12	13	14	14	14	13	13	13	13	12	11	11	10		
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Shell Crude	3	10	5	5	3	2	2	3	4	4	3	4	3	5	3	8	9	10	10	10	11	10	12	13	14	14	14	13	13	13	13	12	11	11	11		
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Lynchburg Ferries	3	9	4	4	5	3	2	3	4	4	3	4	3	5	2	9	9	10	10	10	11	11	13	13	14	14	14	14	13	14	13	13	12	11	11		
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Exxon 3	4	14	6	4	5	3	3	4	4	4	4	4	4	6	3	10	10	11	11	11	11	12	11	13	13	14	14	14	14	14	14	13	12	12			
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Morgans Point	6	19	7	5	6	2	4	4	5	6	6	7	7	8	6	12	13	13	13	13	13	13	14	14	14	15	15	15	15	16	16	16	15	14	14		
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25/26	17	15	5	5	8	3	3	8	7	4	7	8	9	9	12	14	15	16	16	16	16	17	16	16	17	16	16	16	16	16	16	16	16	16	16	16	
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1 & 2 Bravo	23	15	7	8	12	7	1	9	5	5	8	11	8	13	15	17	17	18	18	19	19	19	20	19	19	17	17	17	18	17	18	19	19	18	19	18	
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Houston Pilots: Tue. 5/9/2023



Forecast Discussion

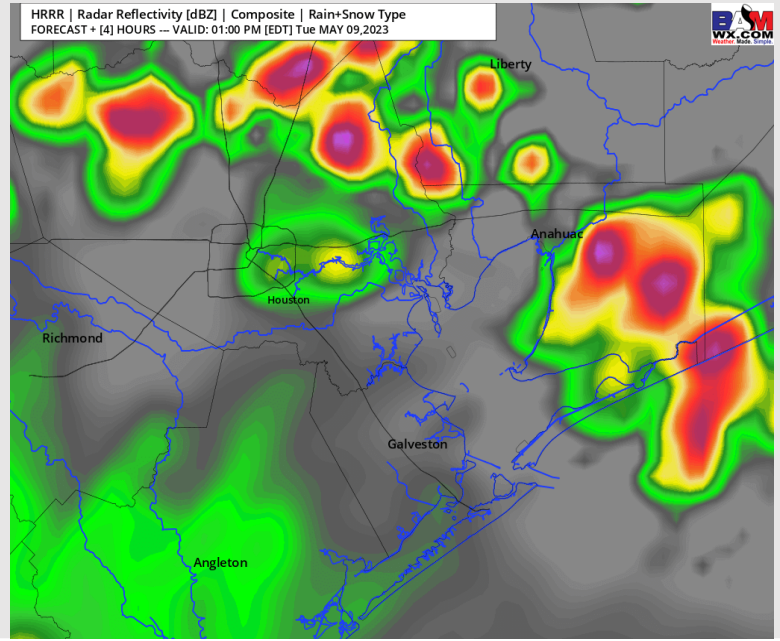
Precip: Widespread showers and storms will last throughout the rest of the day. A low-end risk for hail exists with any thunderstorms this afternoon and evening.

Wind: Sustained winds out of the SE at 10 – 15 kts south of Morgan’s Point and 7 – 12 kts north of Morgan’s Point this afternoon. Towards about 8 PM winds will subside slightly north of Morgan’s Point to 4 – 9 kts.

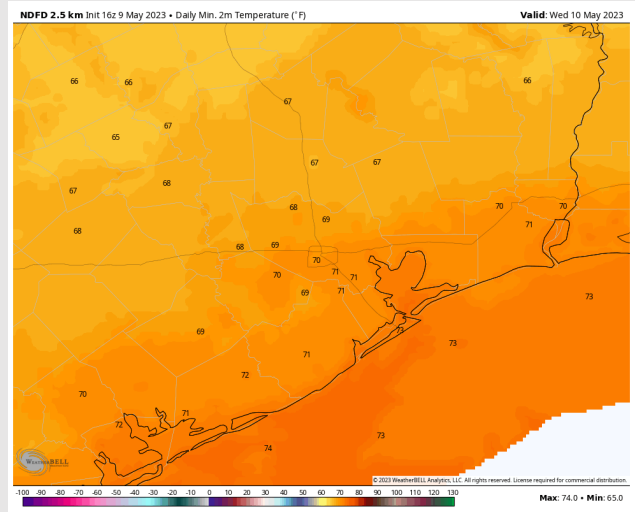
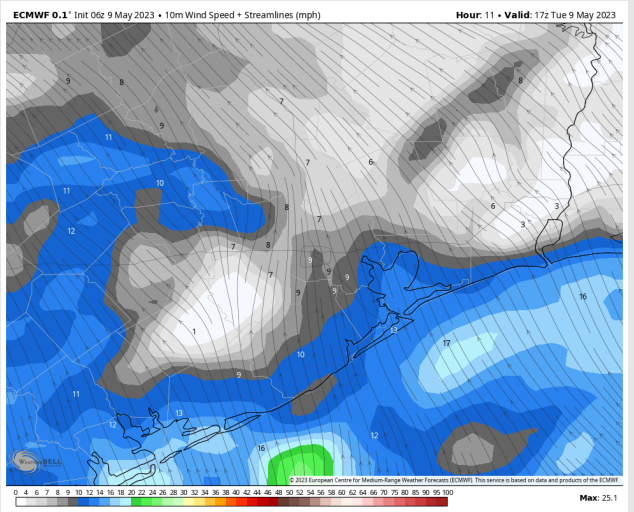
Temps: Low temps tonight will be in the low 70s for all stations.

Visibility: Not anticipating any fog concerns, however strong storms may reduce visibility at times to 1-2 miles.

Precip Image: 12 PM CT



Wind Speed:
12 PM CT



Low Temps
Wed AM

Forecast Discussion

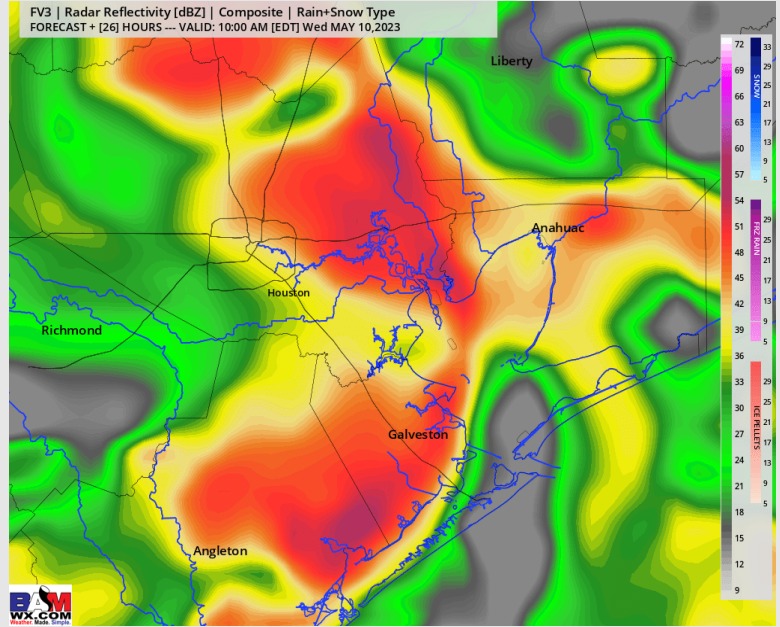
Precip: Some differences remain on the progression from storms later Tuesday into Wednesday, but currently favoring scattered showers and thunderstorms to work through the area between 6 - 9 AM before things turn more isolated into the afternoon hours, with better precipitation chances drifting north towards 3 PM. A locally strong to severe storm will be possible as energy moves through the area.

Wind: Sustained winds in the AM Wednesday will remain from the SE at 25 - 30 kts for stations south of Morgan's Point with gusts of 30 - 40kts. Towards the afternoon hours, favoring sustained winds to calm to about 13 - 17 kts, however higher wind gusts of 30- 40 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.

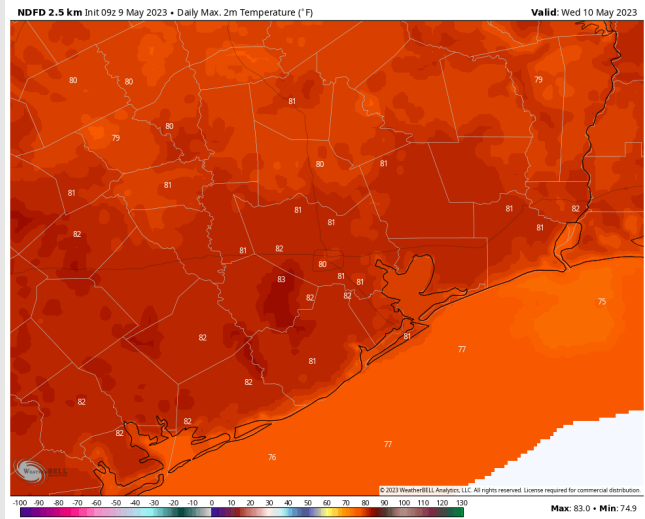
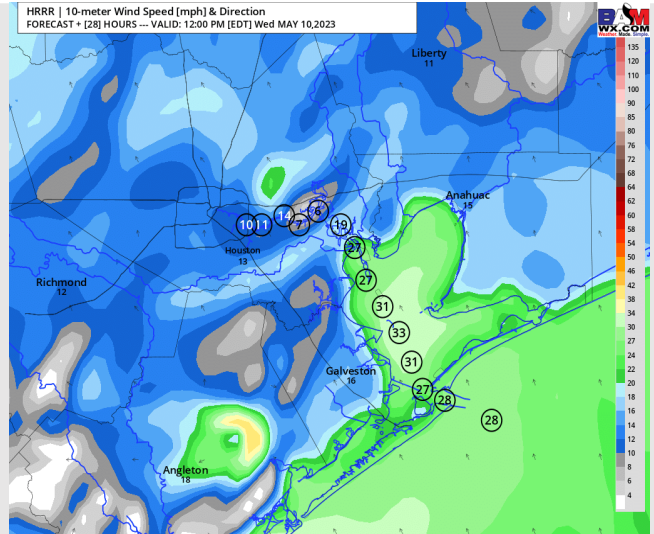
Temps: High temperatures Wednesday will be in the lower 80s and upper 70s F at the Boarding Station.

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

Precip Image: 9 AM CT



Wind Speed:
11 AM CT



High Temps
Wednesday

Houston Pilots: Thu. 5/11/2023



Forecast Discussion

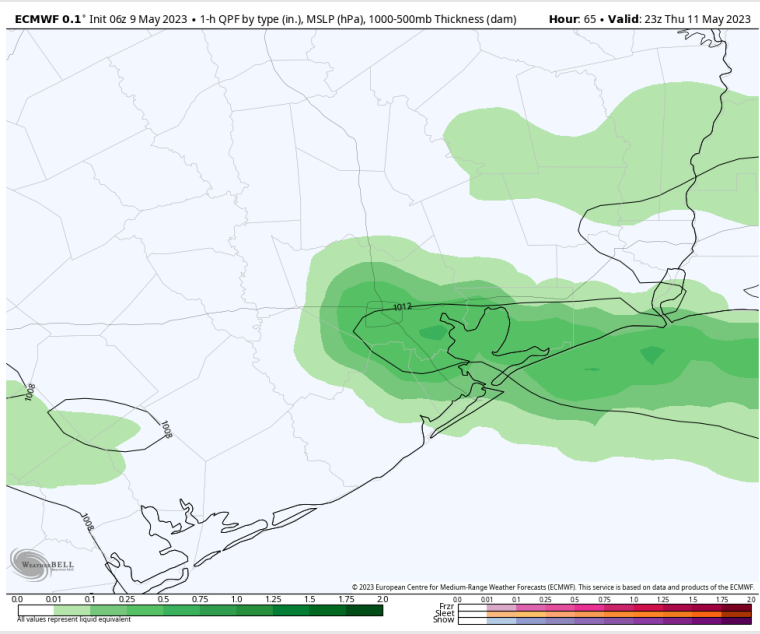
Precip: Lower confidence exists on exact timing for thunderstorms Thursday, but nonetheless there are high chances for 'pulses' across all stations. Chances will be increasing during the mid morning hours towards 6 AM, and the best window to see scattered activity will come from 3 PM – 7 PM. Favoring rain chances to exit the area by 9 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 9 -14 kts north of Morgan's Point, and 13- 18 kts south of Morgan's Point. After 7 PM winds at the Boarding Station will increase to 18 – 23 kts. **During the PM hours, gusty winds from thunderstorms of up to 25 – 30+ kts will be possible, mainly for stations south of Morgan's Point.**

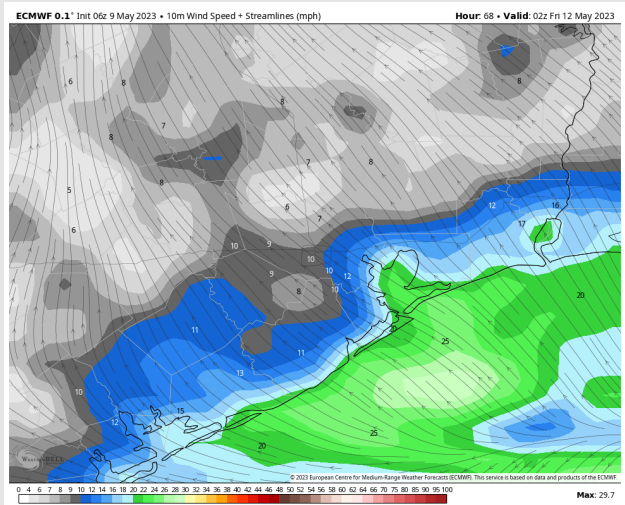
Temps: High temperatures Thursday will be in the mid 80s F north of Morgan's Point, and in the lower 80s to upper 70s F south of Morgan's Point.

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

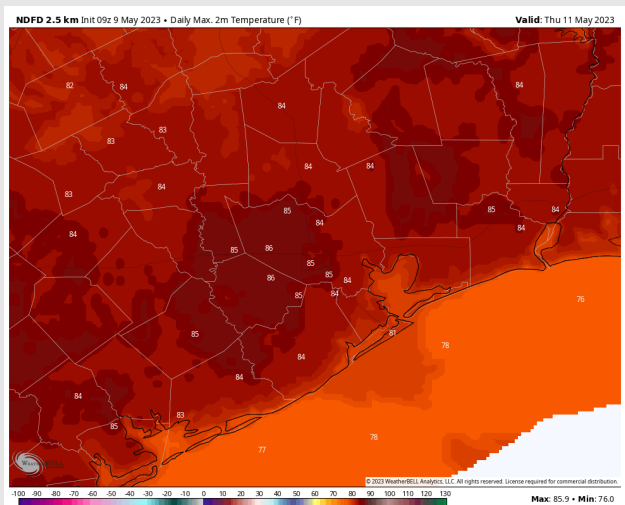
Precip Image: 6 PM CT



Wind Speed:
9 PM CT

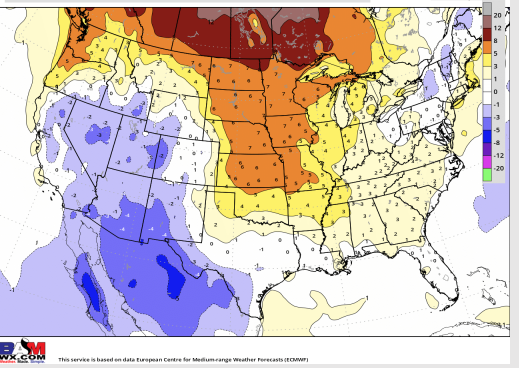


High Temps
Thursday

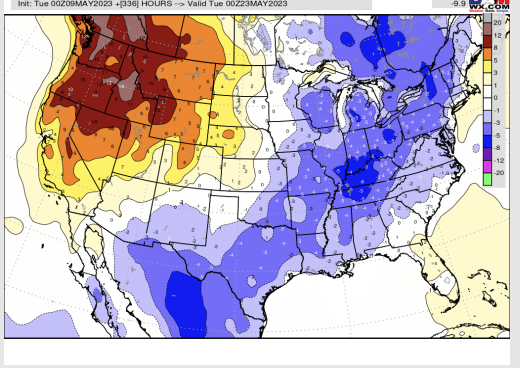


Houston Pilots: 5/9/23

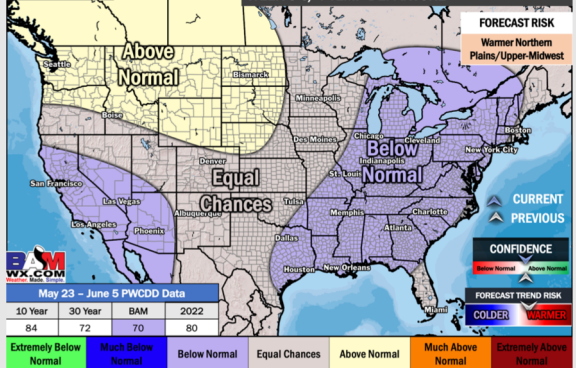
Next 7 Day Temperature Departure



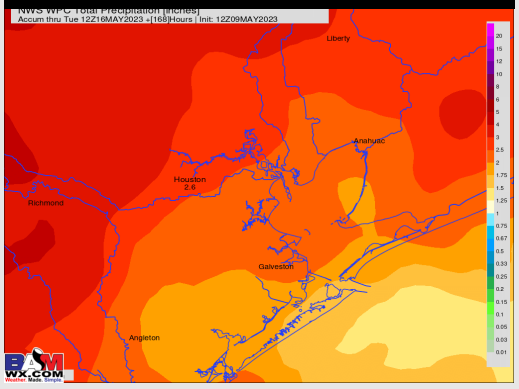
8-14 Day Temperature Departure



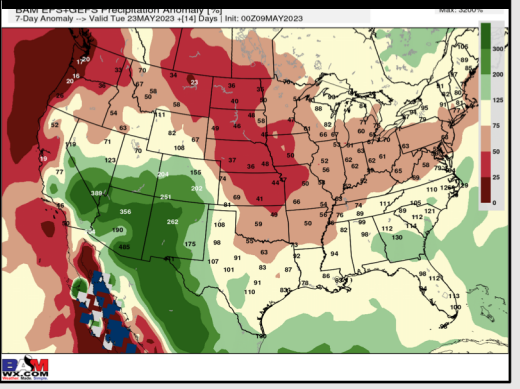
15-30 Day Temperature Departure



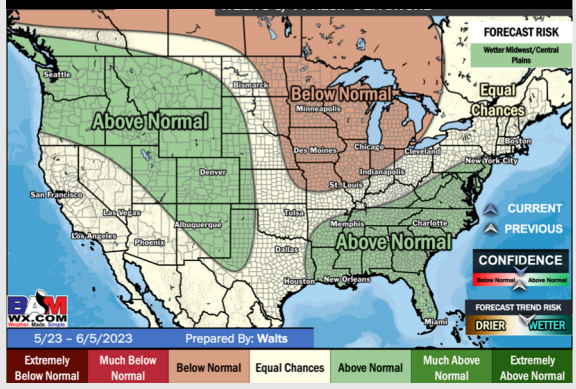
Next 7 Day Total Precipitation



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.