

Houston Pilots Forecast Package

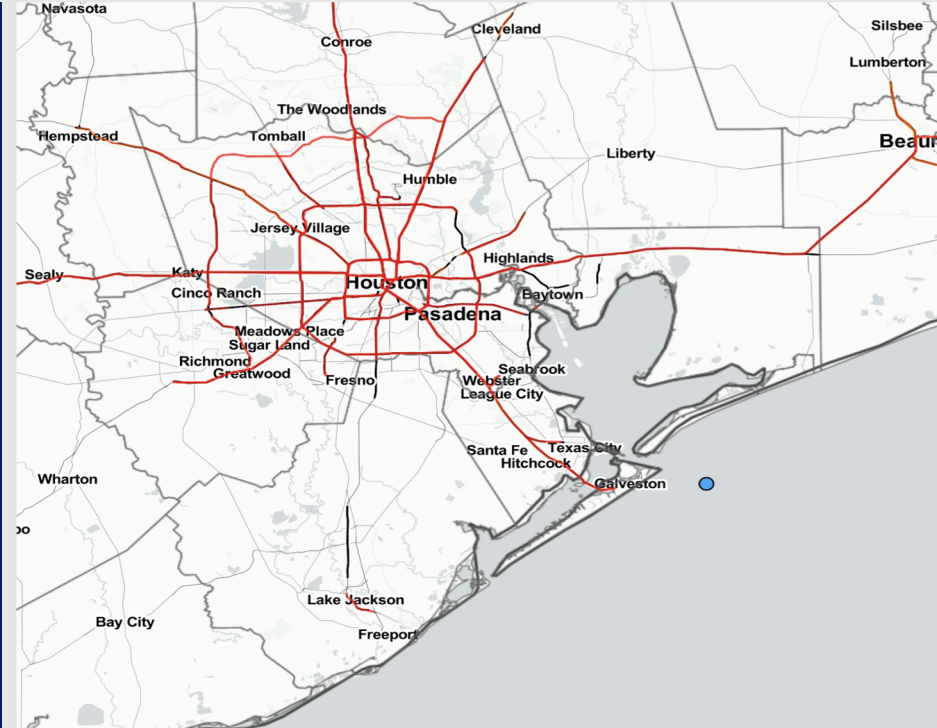


Updated: 6:00 AM CT
Tuesday, May 9, 2023

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: 6:00 AM CT



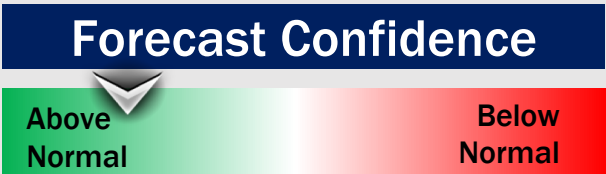
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Extended Range Visibility Report



Friday 5/12/23

Reduced visibility not a concern at this time for Friday.



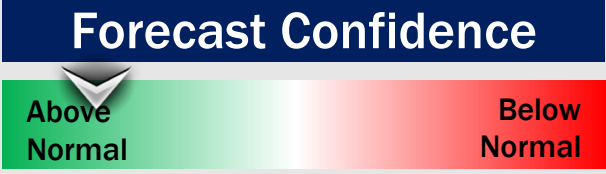
Sunday 5/14/23

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 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	10	10	10	10	9	7	10	10	10	9	10	9	10	9	6	5	5	5	6	6	6	7	7	8	10	10	8	8	6	5	5	6	7	7	10	10	
Kinder 1	10	10	10	10	9	7	10	10	10	10	10	10	10	10	6	5	6	6	7	7	7	7	8	8	10	10	8	8	7	5	6	7	8	8	10	10	
Greens Bayou	10	10	10	10	9	7	10	10	10	10	10	10	10	10	6	5	7	7	8	8	8	8	8	8	10	10	8	8	8	7	7	8	8	8	10	10	
Shell Crude	10	10	10	10	9	7	10	10	10	10	10	10	10	10	6	6	9	10	10	10	8	8	8	8	10	10	8	8	8	8	8	8	8	9	9	10	10
Lynchburg Ferries	10	10	10	10	9	7	10	10	10	10	10	10	10	10	6	6	9	10	10	10	8	8	8	8	10	10	8	8	8	8	8	8	8	9	9	10	10
Exxon 3	10	10	10	10	9	7	10	10	10	10	10	10	10	10	9	6	10	10	10	10	8	8	8	8	10	10	8	8	8	8	8	8	8	9	9	10	10
Morgans Point	10	10	10	10	9	7	10	10	10	10	10	10	10	10	10	6	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	10	9	10	10
75/76	10	10	10	10	9	7	10	10	10	10	10	10	10	10	10	6	10	10	10	10	10	10	10	10	10	10	10	9	8	8	8	10	10	9	10	10	
63/64	10	10	10	10	9	7	10	10	10	10	10	10	10	10	10	6	10	10	10	10	10	10	10	10	10	10	10	10	8	8	10	10	10	9	10	10	
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37/38	10	10	10	10	9	7	10	10	10	10	10	10	10	10	10	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10
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1 & 2 Bravo	10	10	10	10	6	6	9	10	10	10	10	10	10	10	10	6	10	10	10	10	10	10	10	10	10	9	8	8	10	10	10	10	10	10	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	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	1	2	3	3	3	4	5	5	4	2	6	9	7	8	8	8	6	7	7	7	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9
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	S	E	E	ESE	ENE	ESE	SE	SE	SE	SSE	NE	NE	E	ESE	SE	SE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SSE	SSE	SE	SE	SSE	ESE		
Kinder 1	1	2	3	3	3	4	5	6	3	3	5	7	9	7	8	8	6	7	7	7	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9
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	S	E	ENE	ESE	ENE	ESE	SE	ESE	ESE	SSE	NE	NE	E	ESE	SE	SE	ESE	E	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SSE	SSE	SE	SE	SSE	ESE		
Greens Bayou	1	2	3	3	3	4	5	8	3	4	3	7	6	8	9	8	6	7	6	7	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9
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Shell Crude	1	2	3	3	3	4	6	6	3	5	2	8	7	6	7	9	8	6	7	7	7	9	8	9	8	9	9	8	8	8	8	8	8	8	8	8	8	9
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Lynchburg Ferries	2	2	3	2	2	3	5	7	2	6	1	7	7	5	7	9	9	7	7	7	8	9	9	9	9	9	9	9	8	9	9	10	10	11	11	11	10	
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Exxon 3	3	2	3	3	3	4	6	6	2	6	1	8	8	4	7	9	9	8	8	8	8	9	10	10	9	10	10	9	10	10	10	11	11	11	11	11	11	
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Morgans Point	6	6	6	7	5	6	9	10	4	7	3	10	13	7	9	10	11	9	10	10	10	11	12	12	11	12	12	12	11	12	12	12	13	12	11	11		
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1 & 2 Bravo	21	18	17	17	9	9	13	9	11	3	5	8	6	10	13	12	11	12	12	13	14	14	15	16	15	15	15	16	16	16	16	16	17	16	15	15		
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Houston Pilots: Tue. 5/9/2023



Forecast Discussion

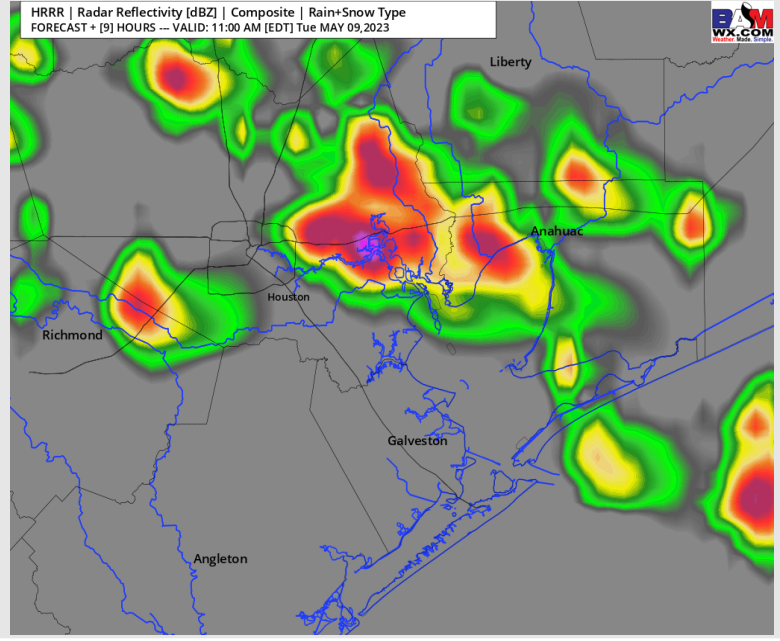
Precip: Isolated showers and storms will be possible before 10 AM (20-30%). Chances will become more widespread around the late morning-early afternoon hours (~11 AM-12 PM) and last throughout the rest of the day. A low-end risk for hail exists with any thunderstorms in the afternoon.

Wind: Sustained winds out of the SE at 14 – 19 kts south of Morgan’s Point and 5 – 10 kts north of Morgan’s Point. Winds will pick up to 15 - 20 kts in the afternoon south of Morgan’s point and 7 – 12 kts north of Morgan’s Point. Towards about 8 PM winds will subside slightly north of Morgan’s Point to 4 – 9 kts. **Any cells after 11 AM will have the opportunity to produce gusts of 30-40+ kts.**

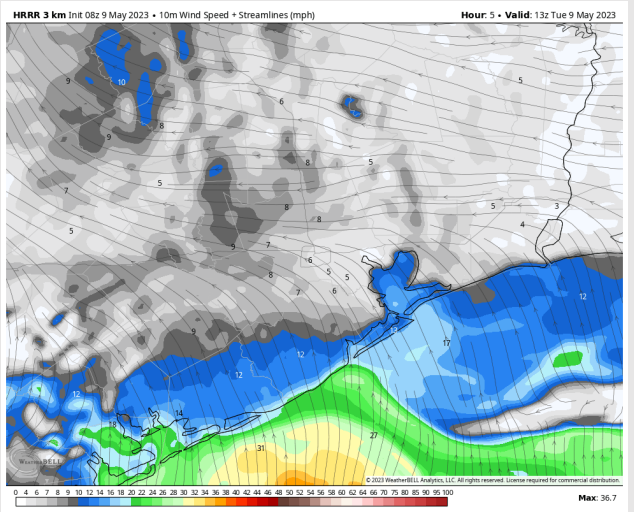
Temps: High temps today will be in the mid to upper 70s F at the Boarding Station and in the low to mid 80s F for all other stations.

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

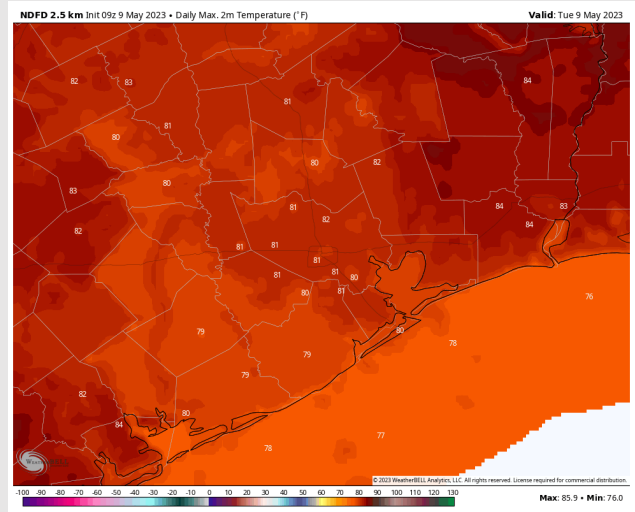
Precip Image: 10 AM CT



Wind Speed:
8 AM CT



High Temps
Today



Forecast Discussion

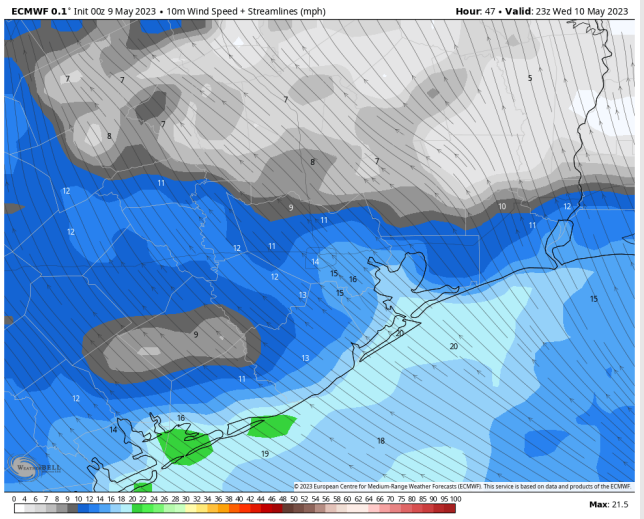
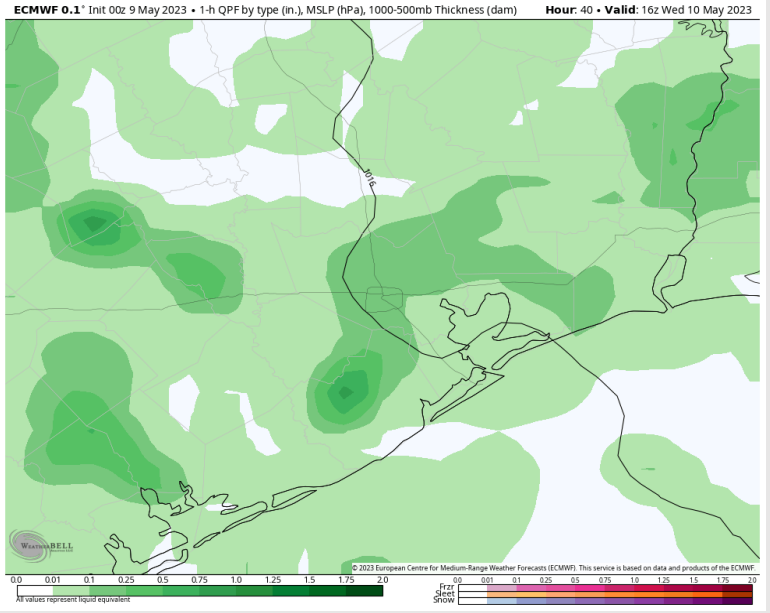
Precip: Some differences remain on the progression from storms later Tuesday into Wednesday, but currently favoring scattered showers and thunderstorms to work through the area in the AM hours before things turn more isolated into the afternoon hours, with better precipitation chances drifting north towards 5 PM. A locally strong to severe storm will be possible as energy moves through the area.

Wind: Sustained winds Wednesday will remain from the SE. Winds at the Boarding Station will sit at 13 - 18 kts sustained with gusts 20-25 knots. Winds north of the Boarding Station to Morgan's point will be 12 - 17 kts. Locally higher gusts will be possible under any strong storms in the AM hours.

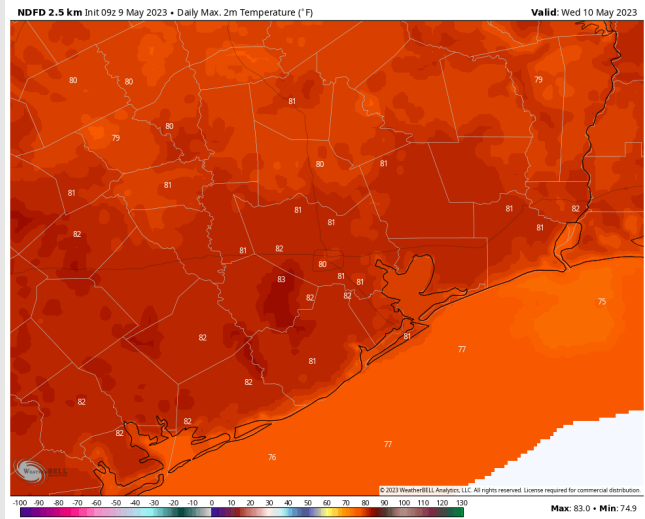
Temps: High temperatures Wednesday will be in the lower 80s and upper 70s F at the Boarding Station.

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

Precip Image: 11 AM CT



**Wind Speed:
6 PM CT**



**High Temps
Wednesday**

Houston Pilots: Thu. 5/11/2023



Forecast Discussion

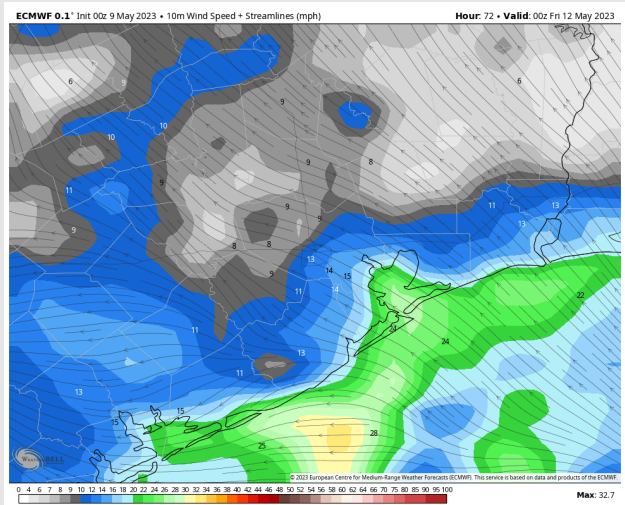
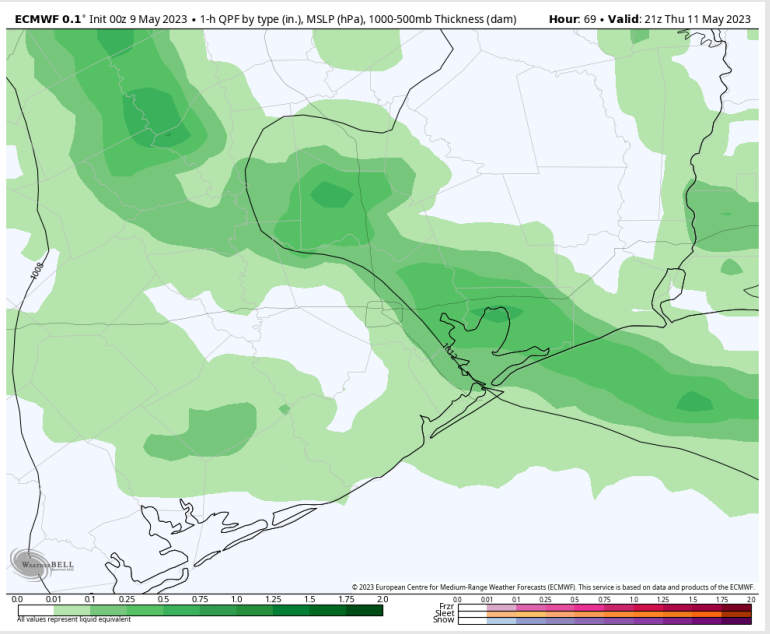
Precip: Lower confidence exists on exact timing for thunderstorms Thursday, but nonetheless there are high chances for 'pulses' across all stations. Chances will be increasing during the mid morning hours towards 6 AM, and the best window to see scattered activity will come from 3 PM – 7 PM. Favoring 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.**

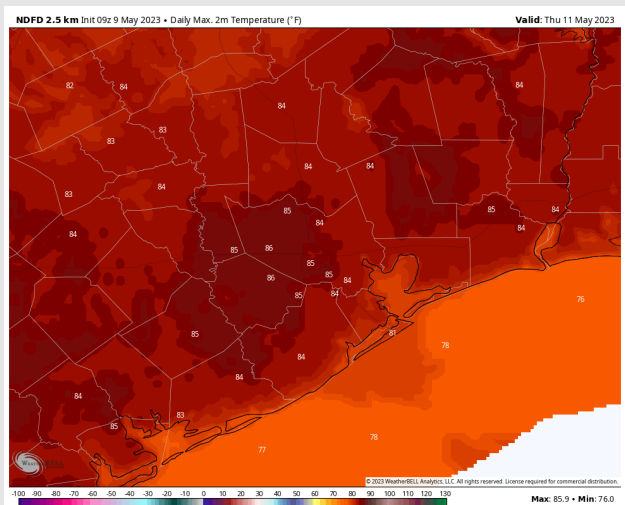
Temps: High temperatures Thursday will be in the mid 80s F north of Morgan's Point, and in the lower 80s to upper 70s F south of Morgan's Point.

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

Precip Image: 4 PM CT



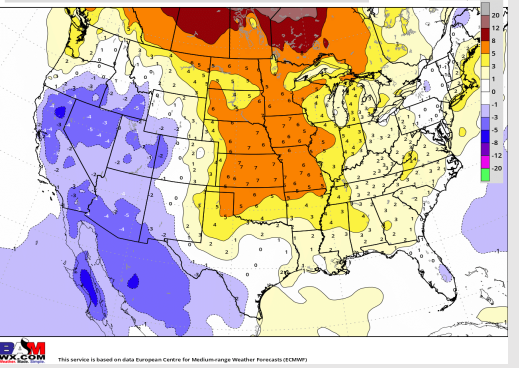
Wind Speed:
7 PM CT



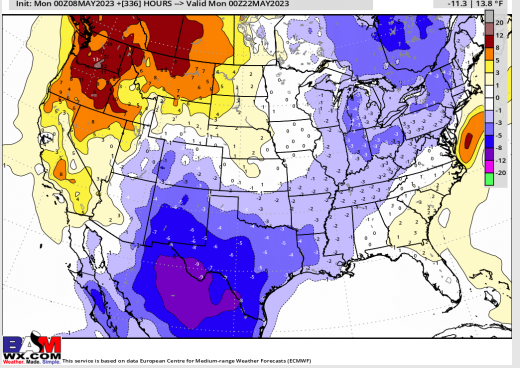
High Temps
Thursday

Houston Pilots: 5/9/23

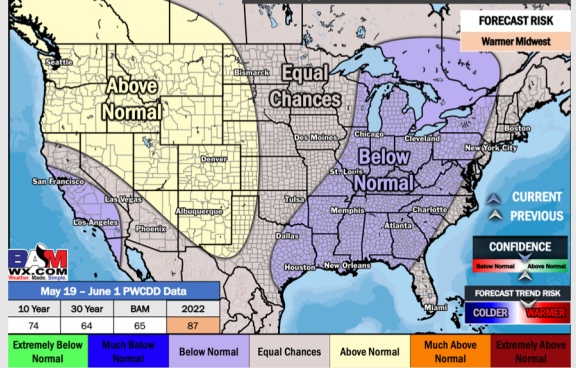
Next 7 Day Temperature Departure



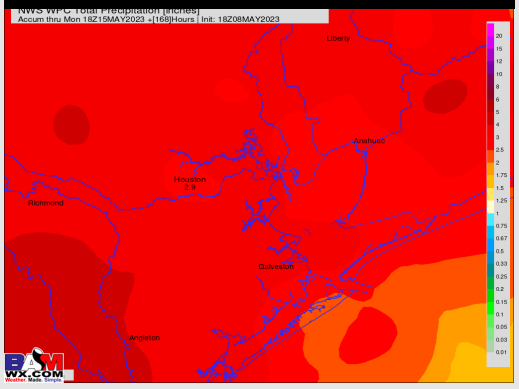
8-14 Day Temperature Departure



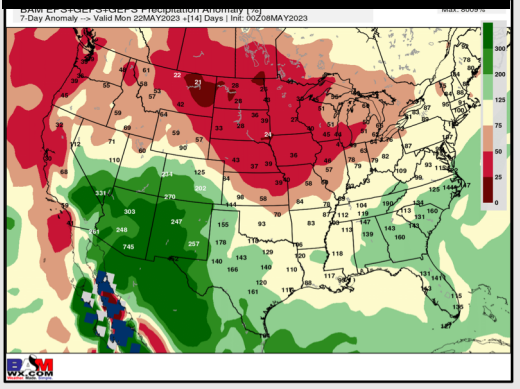
15-30 Day Temperature Departure



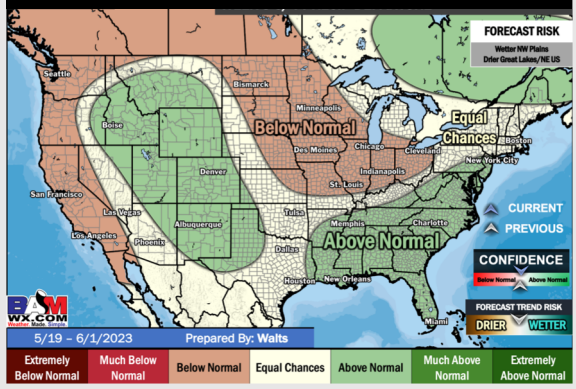
Next 7 Day Total Precipitation



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.
- Below normal temperatures and slightly above normal chances for precipitation are favored in the week 3/4 timeframe.