

Houston Pilots Forecast Package



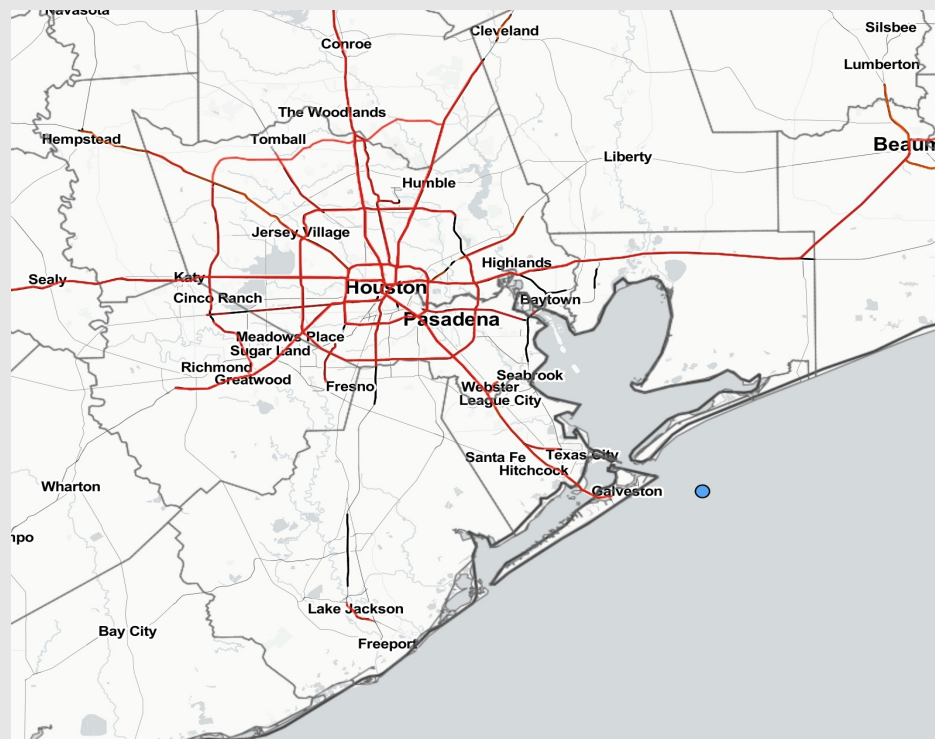
Updated: 6:00 AM CT

Friday, May 12, 2023

Forecaster: Tyler Riggles

Weather Headlines

- Watching for an active period of rounds of showers and thunderstorms to the North 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 as sustained winds at the Boarding Station are favored to pick up to around the 15 – 20 kt range in the evening.
- 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



Monday 5/15/23

Model data picking up on a risk for radiation fog (primarily NE of stations N of Morgan's Point) Monday morning. Calm winds, low level moisture from previous rain and lack of cloud cover for that area all support this potential radiation fog development.



Wednesday 5/17/23

Not anticipating any visibility concerns at this time. Low end risk for radiation fog NE of stations. Something to monitor for a SW shift.



Tuesday 5/16/23

Low end risk for radiation fog for stations N of Morgan's Point Tuesday AM due to low level moisture, calm winds and lack of cloud cover.



Chance for Reduced Visibility

Monday AM	Possible
Monday PM	Unlikely
Tuesday AM	Possible
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



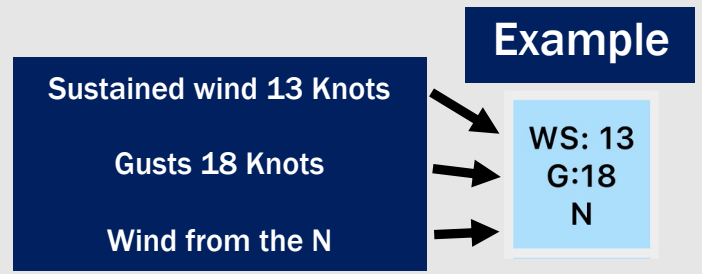
Forecast Confidence



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

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Houston Pilots Wind Chart



Time Knots	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	
610 Bridge	8	8	8	9	10	10	11	10	11	11	10	9	10	10	10	12	12	12	12	12	11	11	10	11	10	10	10	9	10	10	11	12	12	13	13	13	13
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Kinder 1	8	8	8	9	10	10	11	10	11	11	10	10	10	10	10	12	12	12	12	12	11	11	10	10	10	10	9	10	10	11	12	12	13	13	13	13	
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Greens Bayou	8	8	7	8	10	10	10	10	10	10	10	10	10	10	10	12	12	12	11	12	11	11	10	10	10	10	9	10	10	11	12	12	13	14	13	13	
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Shell Crude	9	7	8	9	10	10	10	11	11	11	11	11	10	10	9	12	13	12	12	11	11	11	11	11	10	10	10	10	11	12	13	13	14	14	13		
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Lynchburg Ferries	9	7	8	9	10	10	10	10	11	11	11	11	10	9	9	13	13	13	12	12	11	11	11	11	11	11	10	11	11	12	13	14	14	14	14		
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Exxon 3	10	8	9	10	11	11	11	11	11	11	11	10	9	9	9	13	14	13	13	13	12	12	12	12	12	12	11	11	11	12	13	13	14	14	14		
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Morgans Point	12	12	12	13	14	13	12	12	12	12	12	11	10	10	11	15	16	15	15	15	14	14	14	14	14	14	14	13	13	13	14	14	15	15	15		
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1 & 2 Bravo	15	17	17	16	15	14	14	12	11	11	11	11	11	13	13	15	17	18	18	18	18	18	17	17	18	18	18	17	16	16	15	15	16	17			
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Houston Pilots: Fri. 5/12/2023



Forecast Discussion

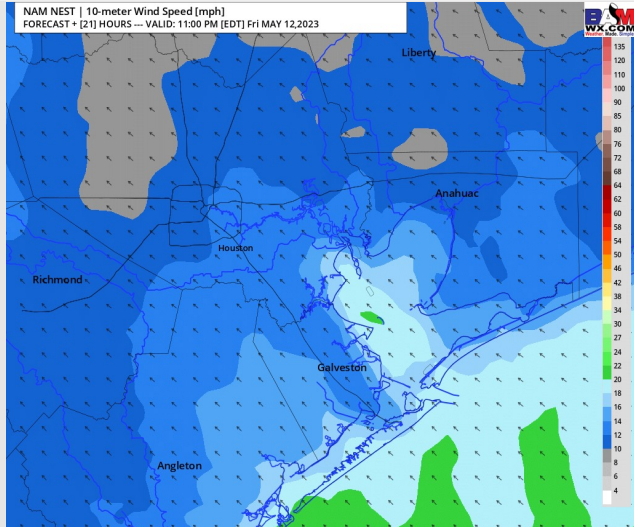
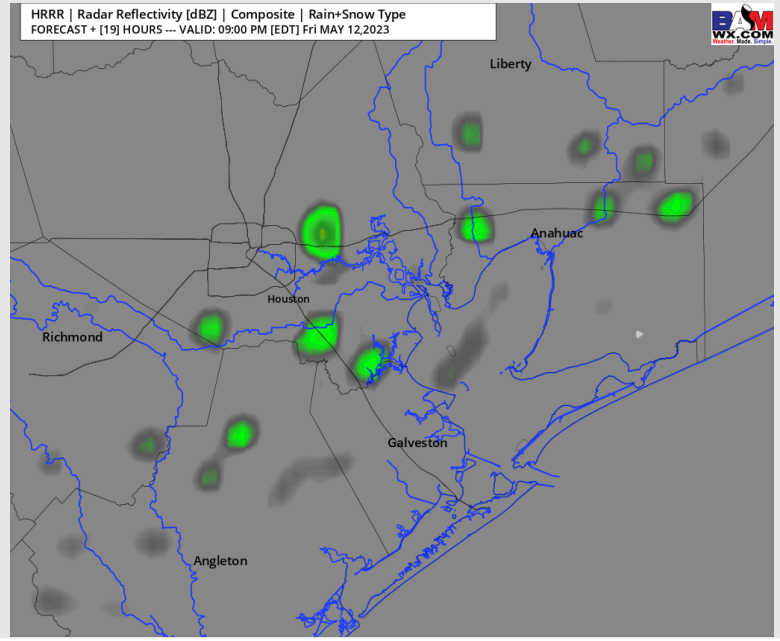
Precip: Favoring dry conditions for most of the day as precip chances trend to the North, however low end risks for scattered showers are not out of the question between 1 - 3PM and 7 - 9PM if rain systems trend South.

Wind: Sustained winds will be out of the SE throughout the day. Winds at stations N of Morgan's Point expected to be 7 - 12 kts throughout the day. Winds S of Morgan's Point are expected to be 13 - 18 kts throughout most of the day, then pick up briefly to 15 - 20 kts between 9 PM - 1 AM.

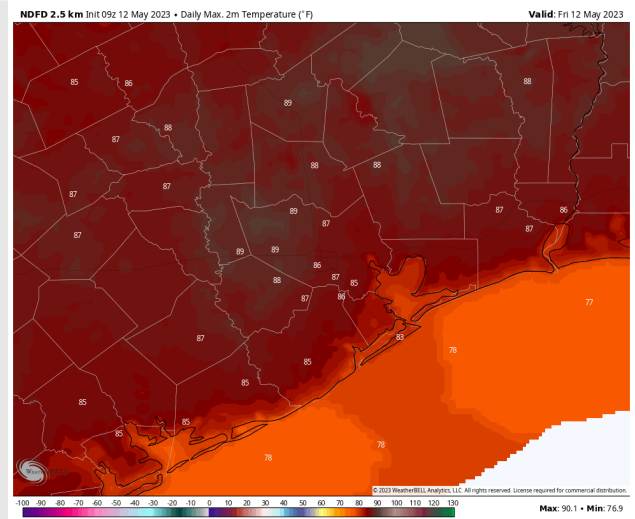
Temps: High temperatures will be in the upper 70s for the Boarding Station and mid-upper 80s for all other stations.

Visibility: Not anticipating any fog concerns at this time.

Precip Image: 8 PM CT



Wind Speed:
10 PM CT



High Temps
Friday

Houston Pilots: Sat. 5/13/2023



Forecast Discussion

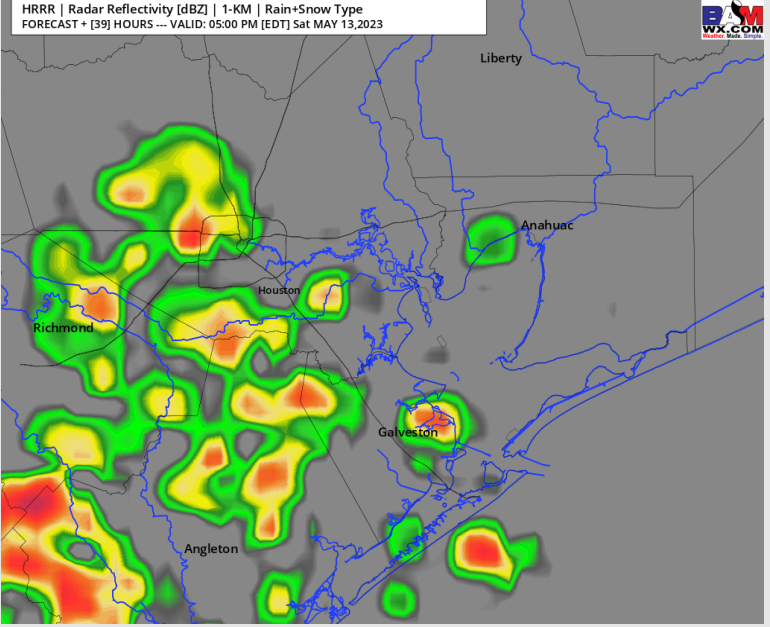
Precip: Favoring dry conditions through most of the morning, then after 12 PM, scattered showers and storms will work in where they are expected to stay through Sunday AM.

Wind: Favoring winds out of the SE Saturday with winds N of Morgan's Point at 8 - 13 kts and winds S of Morgan's Point at 15 - 20 kts. Gusts up to 25 kts cannot be ruled out Saturday.

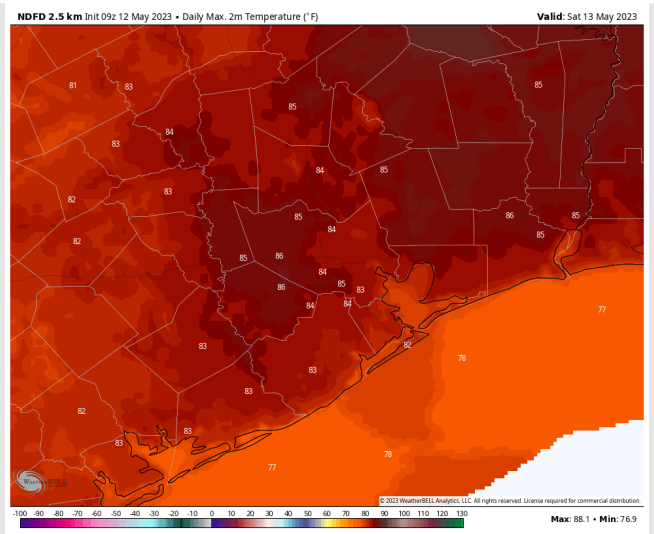
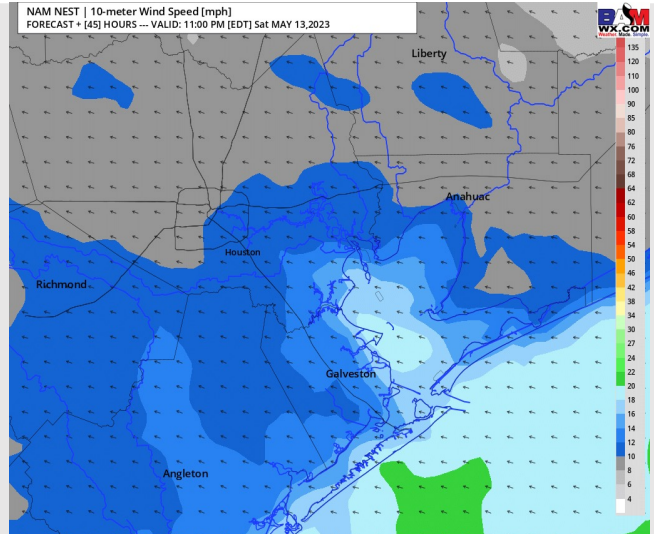
Temps: High temperatures in the upper 70s F at the Boarding Station and in the mid 80s F at all other stations.

Visibility: Not anticipating any fog concerns at this time, but visibility could be reduced by locally heavier showers and storms.

Precip Image: 4 PM CT



Wind Speed:
10 PM CT



High Temps
Saturday

Houston Pilots: Sun. 5/14/2023



Forecast Discussion

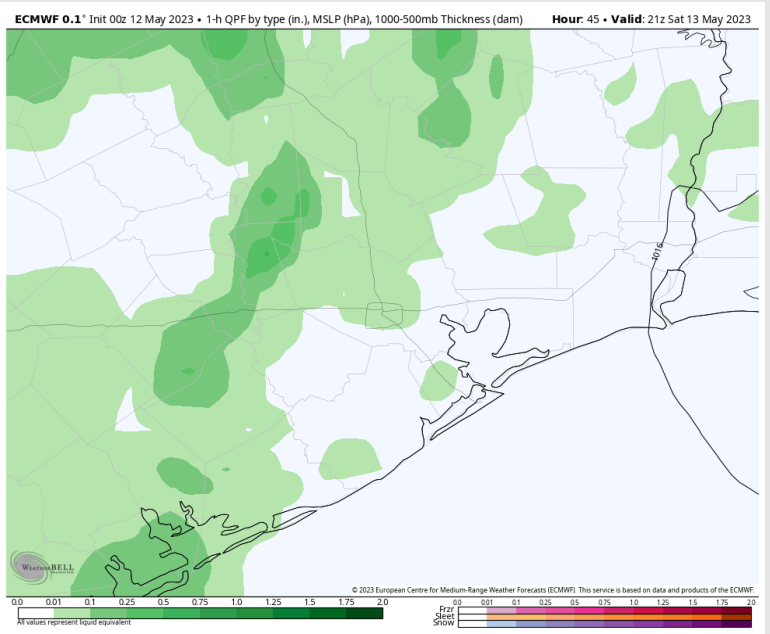
Precip: Anticipating scattered showers and storms to begin to work into the area through the late AM with coverage picking up getting into the early afternoon. After sunset, chances will taper off however a few isolated showers will still be possible through the rest of the evening.

Wind: Favoring winds Sunday morning to be out of the SE throughout the day. Winds north of Morgan's Point in the 5-10 kts range while winds south of Morgan's Point at 15-20 kts. Around the lunch timeframe, winds N of Morgan's Point will elevate up towards 10-15 kts. Gusts may reach 25 kts Sunday.

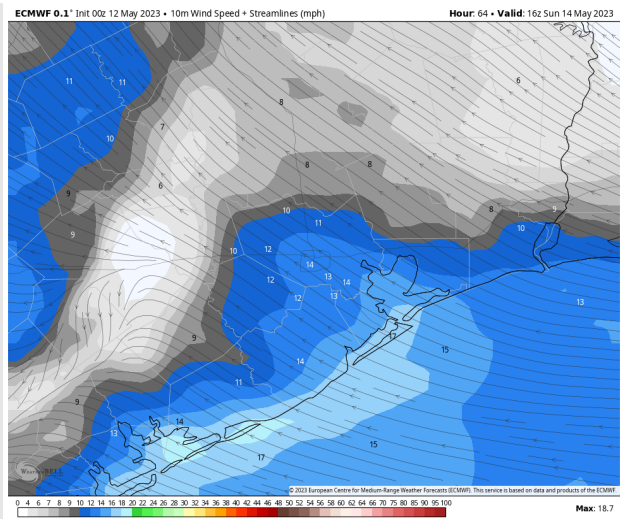
Temps: High temperatures Sunday will be in the upper 70s F near the Boarding Station with all other locations being in the mid 80s F.

Visibility: Not anticipating any visibility concerns at this time via fog, but visibility could be reduced by locally heavier showers and storms.

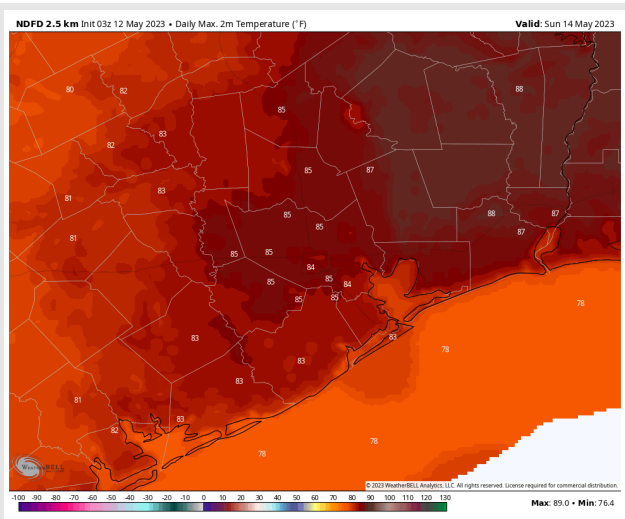
Precip Image: 3 PM CT



Wind Speed:
10 AM CT

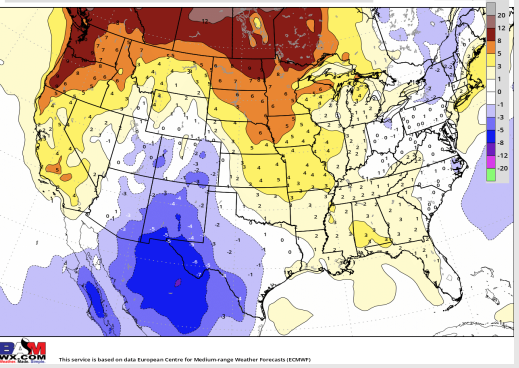


High Temps
Sunday

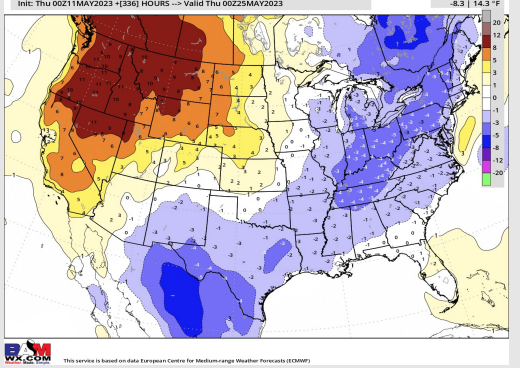


Houston Pilots: 5/12/23

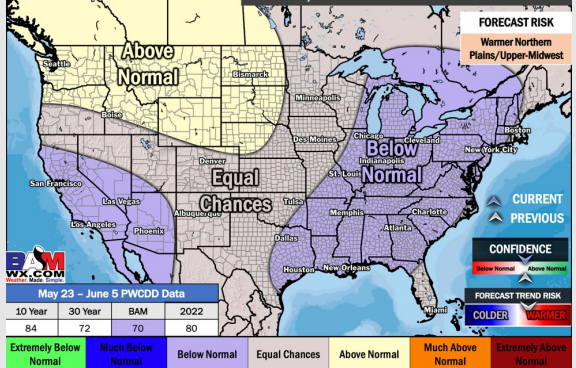
Next 7 Day Temperature Departure



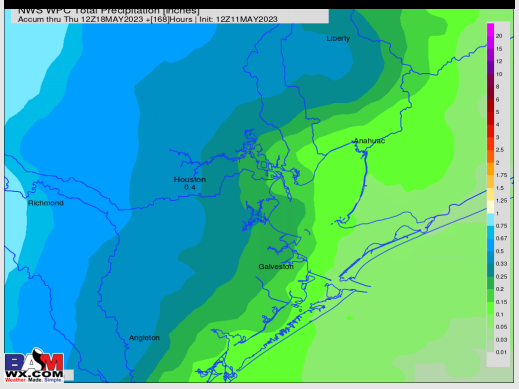
8-14 Day Temperature Departure



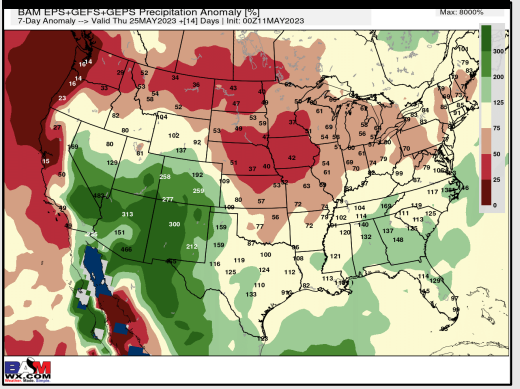
15-30 Day Temperature Departure



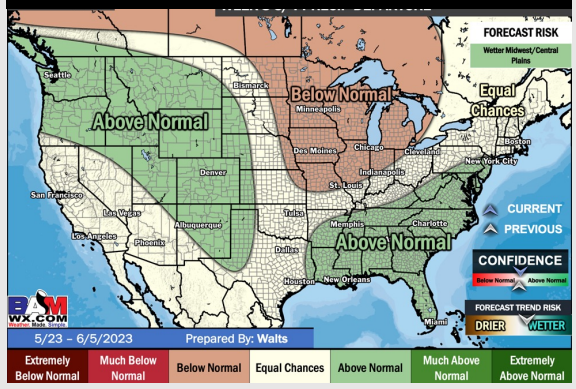
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Best precip overall looks to sit further northwest in Central TX, with low end chances for precip over the coming days. The weekend timeframe 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.