

Houston Pilots Forecast Package



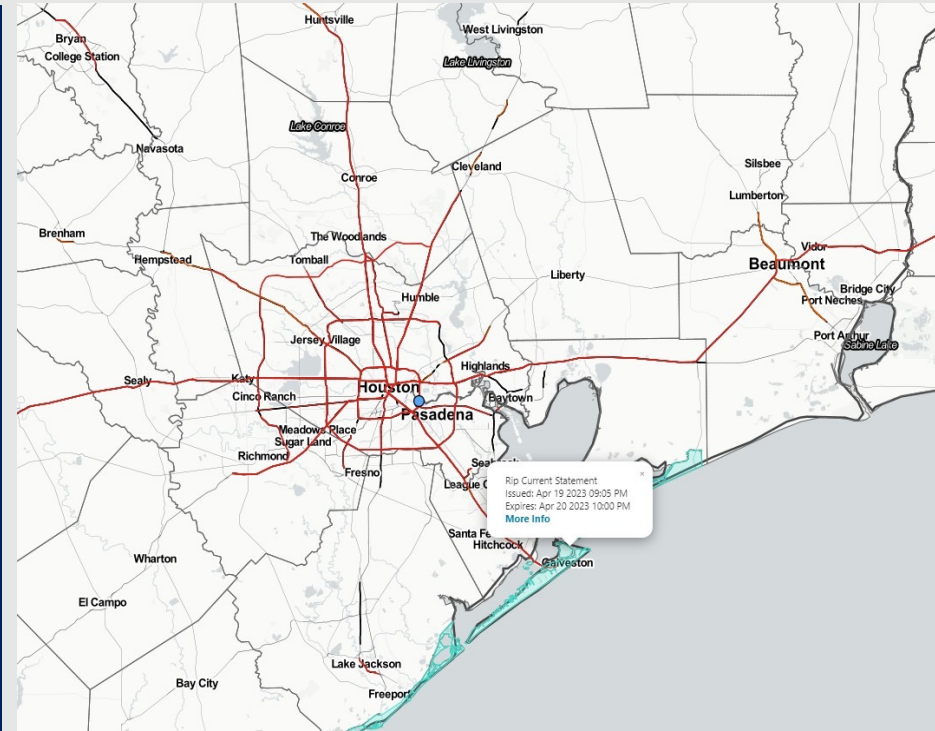
Updated: 1:00 PM CT

Thursday, April 20, 2023

Forecaster: Alyssa McClung

Weather Headlines

- Favoring lower end shower chances to begin this evening with the heavier rain threat moving in this weekend.
- Winds remain elevated at the Boarding Station over the next several days (more info on daily slides).
- Fog threats look rather limited moving forward over the next several days.
- **Eyeing the 2-7 AM timeframe tomorrow (Friday) for a line of strong to severe storms possible.**



Radar/NWS Alerts: 1:00 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



Sunday 4/23/23

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



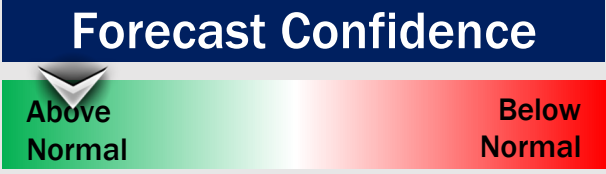
Tuesday 4/25/23

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



Monday 4/24/23

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



Chance for Reduced Visibility

Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



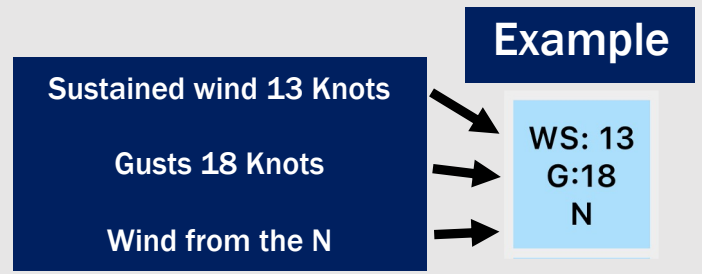
Forecast Confidence



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



Time Knots	Thu 12pm	Thu 1pm	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	Fri 4am	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			
610 Bridge	10	10	12	13	11	11	9	9	7	7	7	6	3	3	18	8	9	6	6	5	5	4	5	6	7	7	8	10	10	10	10	10	10	10	9	9	10	10	
Kinder 1	10	10	12	13	11	11	9	9	7	7	8	6	2	3	15	8	9	7	6	6	5	4	5	6	7	7	8	10	10	10	11	10	9	9	10	9	10		
Greens Bayou	9	10	11	12	11	11	9	9	7	7	8	7	2	3	8	9	9	7	6	5	4	5	6	7	7	8	10	10	10	10	10	9	8	9	10	9	10		
Shell Crude	9	10	11	12	12	11	10	9	7	6	8	7	2	4	7	9	9	7	6	5	5	6	7	7	8	9	10	10	10	10	10	9	9	9	10	9	10		
Lynchburg Ferries	9	9	11	12	12	11	10	9	7	7	8	7	2	4	6	9	9	7	6	5	5	6	6	7	7	8	9	10	11	13	14	15	14	14	13	14	14	14	
Exxon 3	9	10	12	13	13	11	10	9	8	7	8	9	4	6	6	10	9	7	6	6	5	6	6	7	7	8	9	10	10	11	10	10	10	10	10	10	10	10	
Morgans Point	12	13	14	14	14	12	11	10	11	11	11	11	9	9	9	11	10	9	7	6	6	6	7	7	7	8	8	9	10	11	11	10	11	11	10	11	11	11	
75/76	16	17	16	16	15	14	12	11	14	15	15	14	12	12	14	13	12	11	9	8	8	7	8	7	7	8	9	10	12	12	13	14	14	14	15	16	17	17	
63/64	17	17	16	16	15	15	12	11	13	15	16	15	13	13	14	12	12	12	10	9	9	8	8	8	8	7	8	8	8	10	11	12	13	14	14	15	16	18	
51/52	18	17	15	15	14	15	11	12	14	14	16	16	13	13	14	12	13	12	10	9	9	8	8	8	7	8	8	8	9	10	12	12	13	14	16	17	18	18	
37/38	17	15	14	14	13	13	9	10	13	13	14	15	13	13	14	12	13	12	10	9	8	8	8	8	7	7	8	9	9	9	10	10	11	12	12	13	16	18	
25/26	15	14	13	13	12	12	8	9	10	12	13	13	12	11	12	11	12	11	9	8	8	8	8	8	7	7	8	8	8	8	8	9	9	9	9	10	12	14	16
11/12	14	14	13	13	12	11	9	9	10	12	13	12	12	11	13	11	12	11	10	9	8	9	8	8	8	7	8	8	8	8	8	8	8	8	8	9	10	12	13
1 & 2 Bravo	15	15	13	13	10	11	9	8	9	10	12	12	12	10	11	13	13	13	12	10	10	11	10	10	9	8	7	8	8	9	9	10	10	11	12	14	15	16	

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Houston Pilots: Thu. 4/20/2023



Forecast Discussion

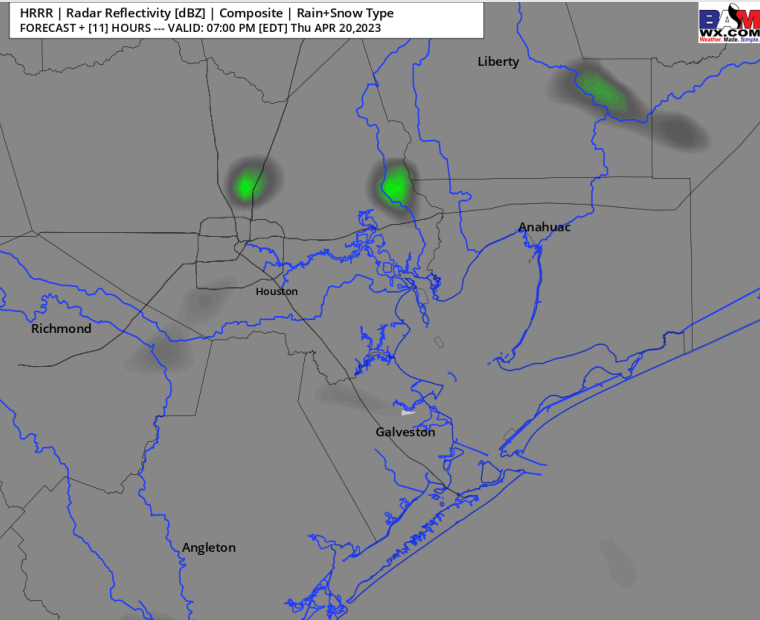
Precip: Anticipating rain chances to increase as we approach 2 PM. Moisture from the W/NW is expected to work into the area and bring precipitation chances to 20% however the bulk of precipitation is favored to stay off to the northwest.

Wind: Winds out of the SE across all stations at 11 – 18 kts and will remain as such through 7 PM. After 7 PM, wind north of Morgan’s point will decrease to 9 - 14 kts, with winds south increase to 17 – 23 kts. Wind gusts of 24 – 28 kts will be possible across all stations after 10 AM as well.

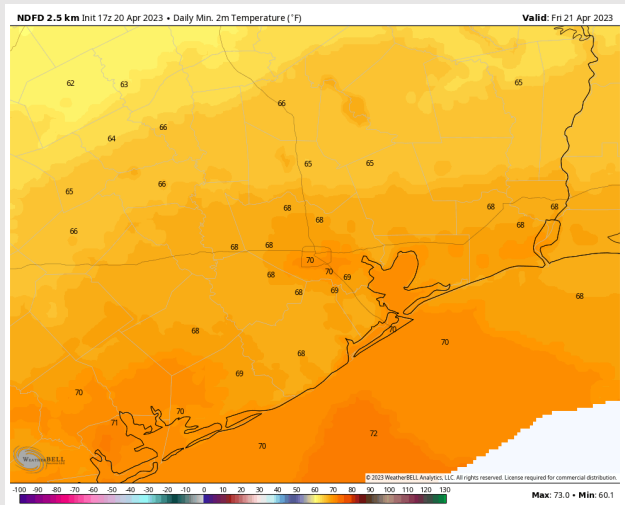
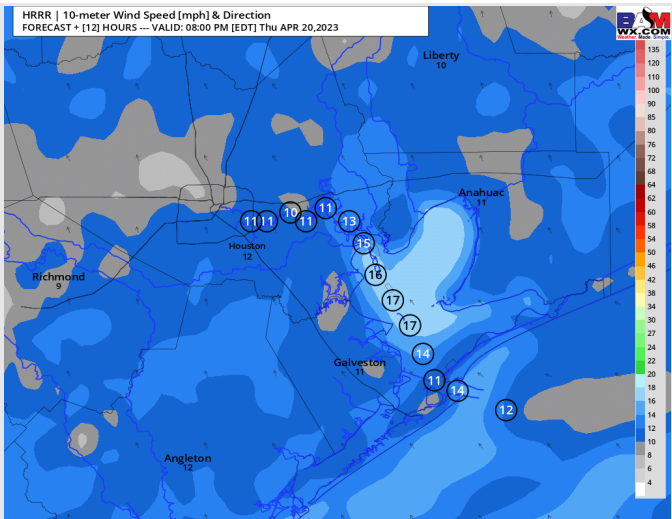
Temps: Low temps Friday morning near 70 F at the Boarding Station and in the upper 60s F to near 70 F at all other stations.

Visibility: No visibility issues anticipated.

Precip Image: 6 PM CT



Wind Speed:
7 PM CT



Low Temps
Friday AM

Houston Pilots: Fri. 4/21/2023



Forecast Discussion

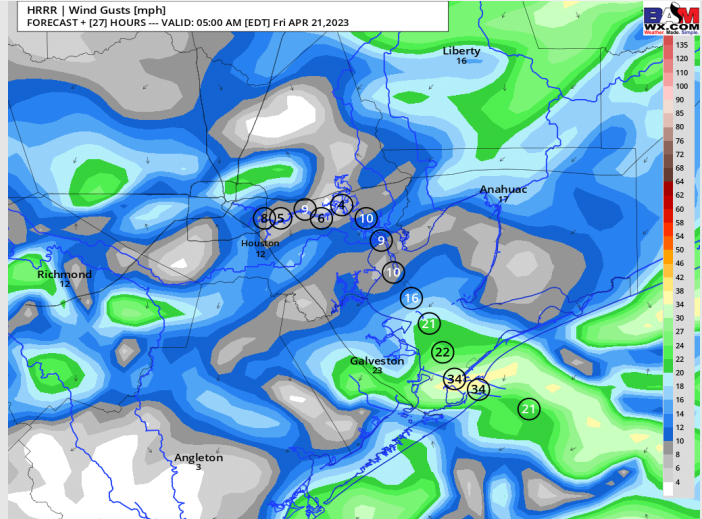
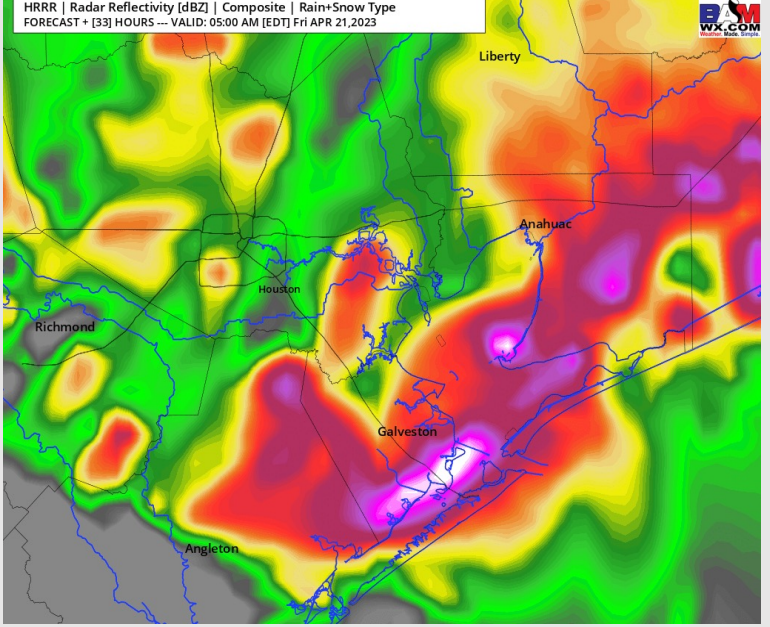
Precip: Showers and thunderstorms will be present from Midnight through 9 AM on Friday then after 9 AM, favoring chances to drop to 20% for an isolated shower until around 8 PM. Then after 8 PM, favoring dry conditions for the rest of the day. A few thunderstorms do hold the potential to be severe until 9 AM. **Best risk for severe weather (hail and damaging winds primarily) comes 2-7 AM FRI.**

Wind: Sustained winds will start out of the SE at the beginning of the day Friday and gradually shift to out of the NW by 4 PM. Winds N of Morgan's Point will be at 9-14 kts throughout 5 AM. Then around 9-10 AM, winds N of Morgan's Point will calm down to 5-10 kts for the rest of the day. Winds S of Morgan's Point will be at 16-23 kts through 6 AM. Then, after 6 AM, winds S of Morgan's Point will die down to 5-10 kts for the rest of the day. **Any severe weather Friday AM could provide some gusts 40+ knots under the heaviest of cells.**

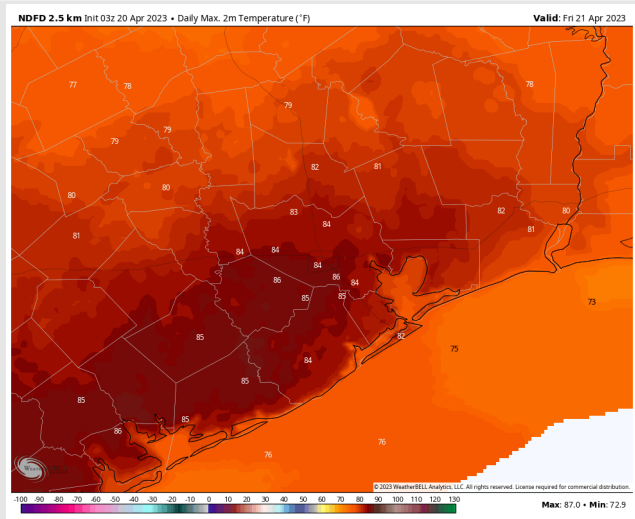
Temps: High temperatures Friday will be in the mid to upper 70s F for stations S of Morgan's Point and in the low to mid 80s for stations N of Morgan's Point.

Visibility: Reduced visibility via heavy rain will be possible in the AM hours down to a few miles.

Precip Image: 6 AM CT



**Wind Speed:
4 AM CT**



**High Temps
Friday**

Houston Pilots: Sat. 4/22/2023



Forecast Discussion

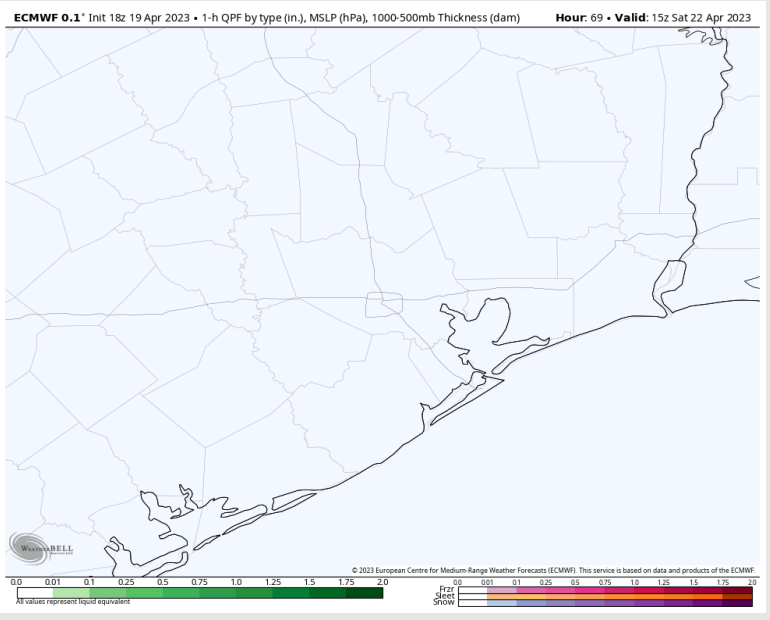
Precip: Anticipating dry conditions throughout the day on Saturday.

Wind: Winds will start out of the NE throughout the AM hours on Saturday, gradually shifting out of the E by 12 PM, then the SE by 5 PM and continue the rest of the day. Winds north of Morgan's Point will be 7-13 kts and winds south of Morgan's Point being 11-16 kts through 8 PM. After 8 PM, winds both north and south of Morgan's Point will calm down to 3-8 kts and 9-14 kts respectfully.

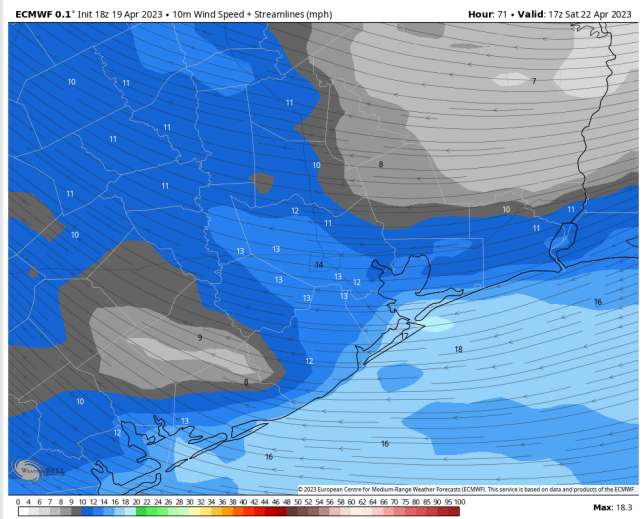
Temps: High temperatures on Saturday will be in the lower 80s F north of Morgan's Point and upper 70s F south of Morgan's Point.

Visibility: No reduced visibility concerns expected at this time.

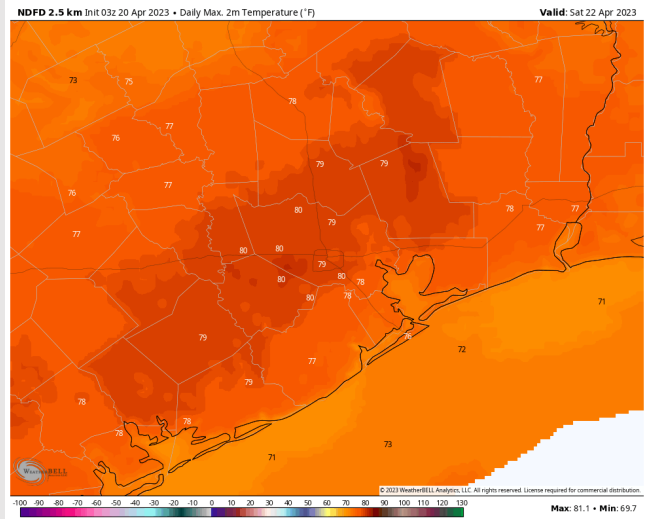
Precip Image: 10 AM CT



Wind Speed:
12 PM CT

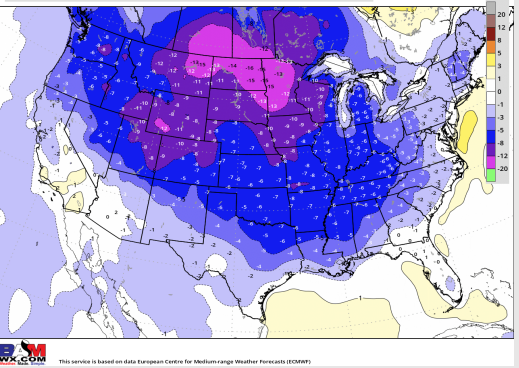


High Temps
Saturday

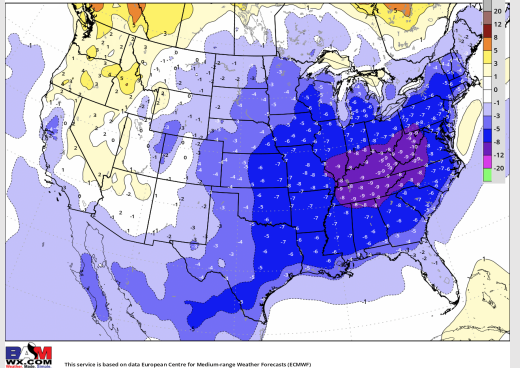


Houston Pilots: 4/20/23

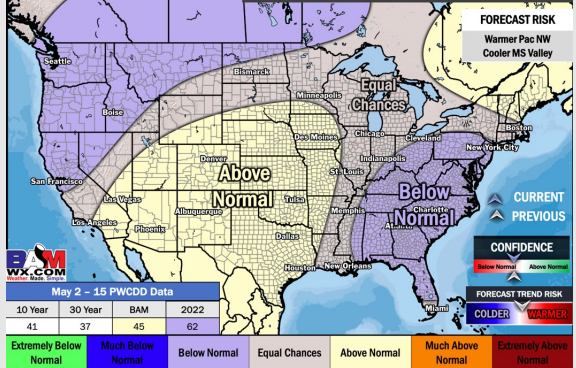
Next 7 Day Temperature Departure



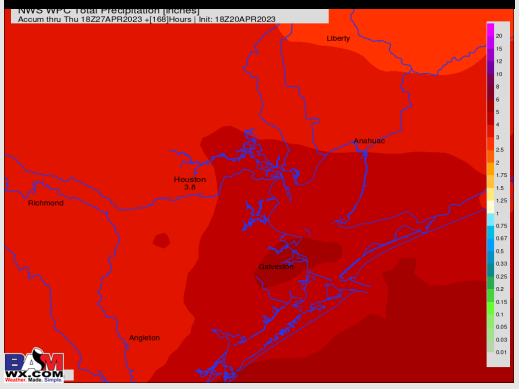
8-14 Day Temperature Departure



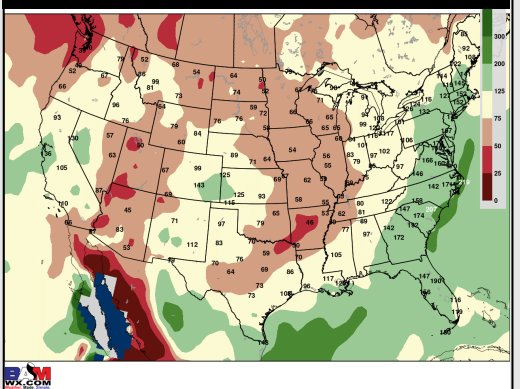
15-30 Day Temperature Departure



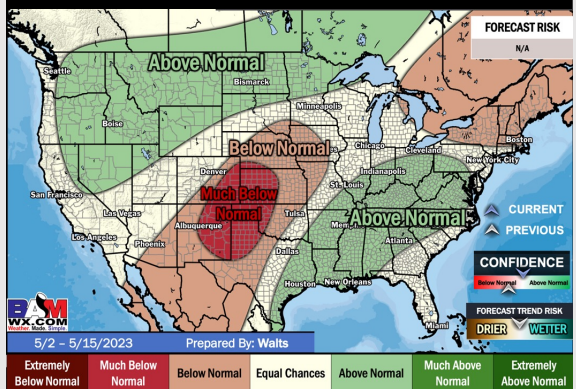
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Expecting a quieter evening with the heavier rain chances picking up tomorrow/Friday and beyond. Temps will be near to below normal for SE TX.
- Expecting near normal precipitation chances and below normal temperatures for the week 2 timeframe.
- Above normal temperatures and above normal chances for precipitation are favored in the week ¾ timeframe.