

# Houston Pilots Forecast Package



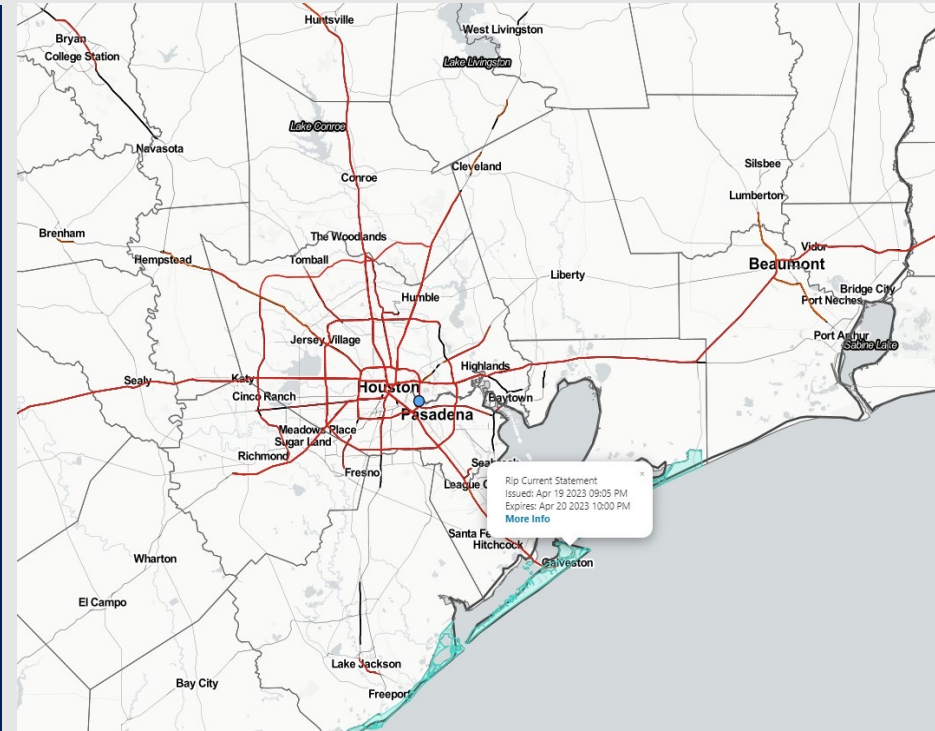
Updated: 5:00 AM CT

Thursday, April 20, 2023

Forecaster: Vince Bryan

## Weather Headlines

- Favoring dry conditions through the early PM today, with scattered showers possible this afternoon/evening.
- 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: 5:00 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



## Sunday 4/23/23

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



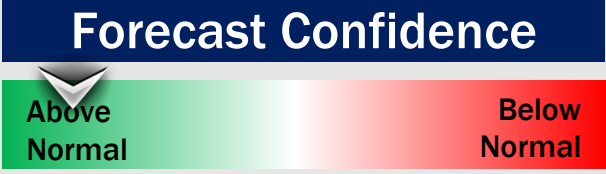
## Tuesday 4/25/23

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

**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



## Forecast Confidence



## Example

Sustained wind 13 Knots  
 Gusts 18 Knots  
 Wind from the N

WS: 13  
 G:18  
 N

Time Knots	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	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
610 Bridge	8	6	7	9	10	11	10	9	10	11	11	11	11	10	7	11	11	11	10	10	10	10	10	10	9	7	6	5	4	5	6	7	7	8	9	10
	22	18	21	22	19	18	15	14	16	19	20	21	20	18	17	16	17	16	15	15	15	14	15	15	13	11	9	8	6	7	6	10	11	13	14	15
Kinder 1	8	6	7	9	10	11	10	9	10	11	11	11	10	7	10	11	11	10	10	10	10	10	10	9	8	6	5	4	5	6	7	7	8	9	10	
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Greens Bayou	7	6	6	8	10	10	10	9	10	11	11	10	10	7	10	11	11	10	10	10	10	10	10	9	8	6	6	4	5	6	7	7	8	9	10	
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Shell Crude	7	7	6	9	10	11	10	10	10	12	11	11	11	10	7	11	11	11	10	10	10	10	10	9	8	6	6	5	5	6	7	7	8	9	10	
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Lynchburg Ferries	7	6	7	8	10	10	11	10	11	13	12	11	11	10	8	11	12	11	11	10	10	10	11	9	9	8	6	6	5	5	6	7	7	8	9	10
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Exxon 3	9	8	8	9	10	11	11	11	12	13	13	12	12	11	8	12	12	12	11	11	10	10	11	9	9	8	7	6	6	5	6	7	7	8	9	10
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Morgans Point	13	12	12	12	13	12	13	13	14	15	15	14	14	13	10	13	14	13	12	12	12	11	11	10	10	8	7	7	6	6	6	7	8	9	10	
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75/76	17	17	16	16	15	14	15	15	16	16	18	15	16	15	14	15	16	14	14	13	14	13	13	13	12	13	10	9	8	7	7	6	7	8	9	11
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## Forecast Discussion

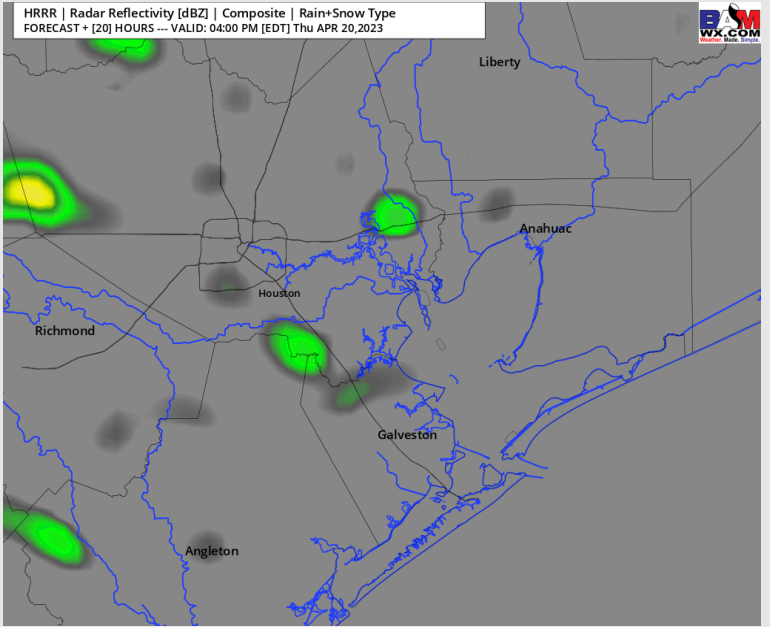
**Precip:** Favoring dry conditions for the majority of the day today. After 2 PM moisture from the W/NW will try to work into the area and bring precipitation chances to 20% the bulk of precipitation is favored to stay off to the northwest.

**Wind:** Sustained SE winds will continue today. AM winds north of Morgan's point will start at 6 – 10 kts, and S of Morgan's Point at 11 – 18 kts. Around 10 AM winds across all stations will be 11 – 18 kts and 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.

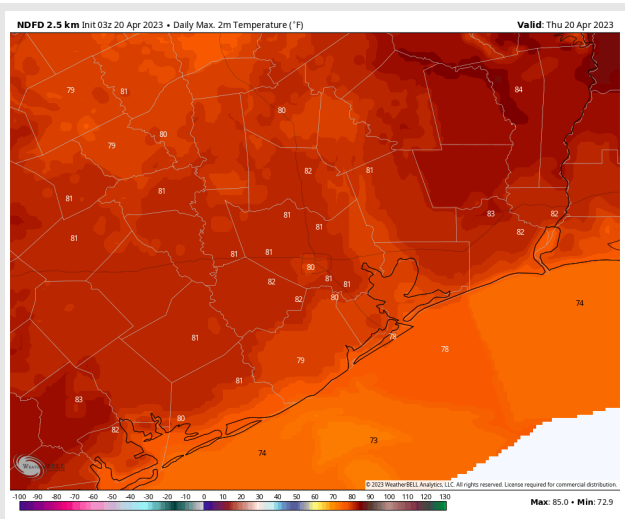
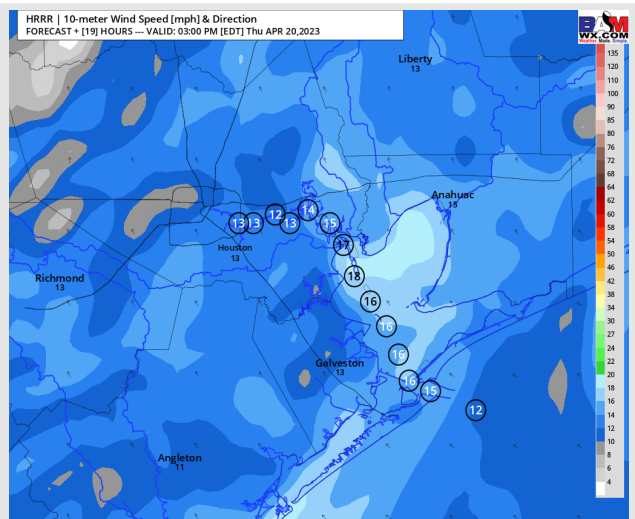
**Temps:** High temperatures today will be in the lower 80s F for stations north of Morgan's Point and in the upper 70s for stations south.

**Visibility:** No visibility issues anticipated.

## Precip Image: 3 PM CT



Wind Speed:  
2 PM CT



High Temps  
Today

# Houston Pilots: Fri. 4/21/2023



## Forecast Discussion

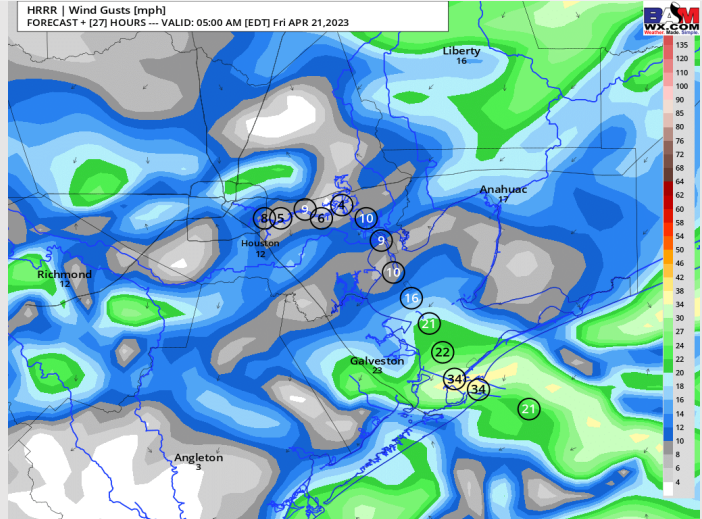
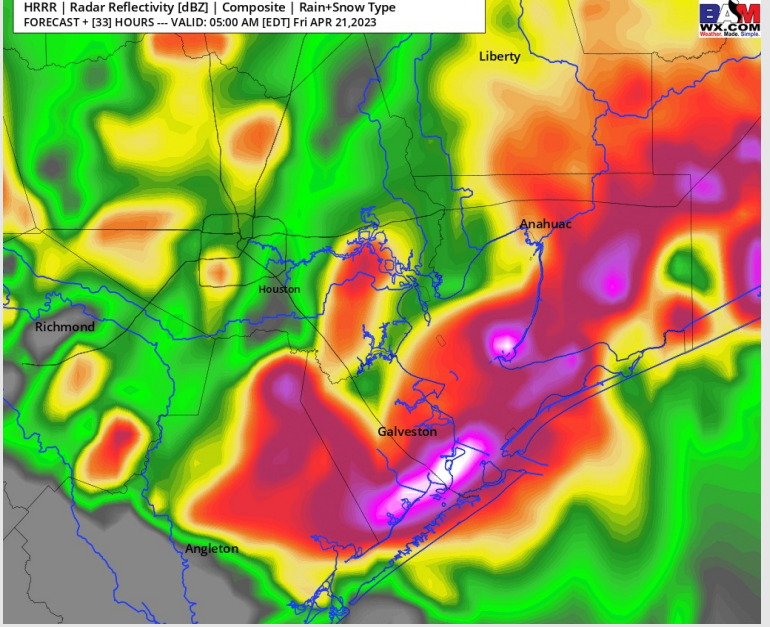
**Precip:** Showers and thunderstorms will be present from Midnight through 9 AM on Friday then after 9 AM, favoring chances to drop to 20% for an isolated shower until around 8 PM. Then after 8 PM, favoring dry conditions for the rest of the day. A few thunderstorms do hold the potential to be severe 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.**

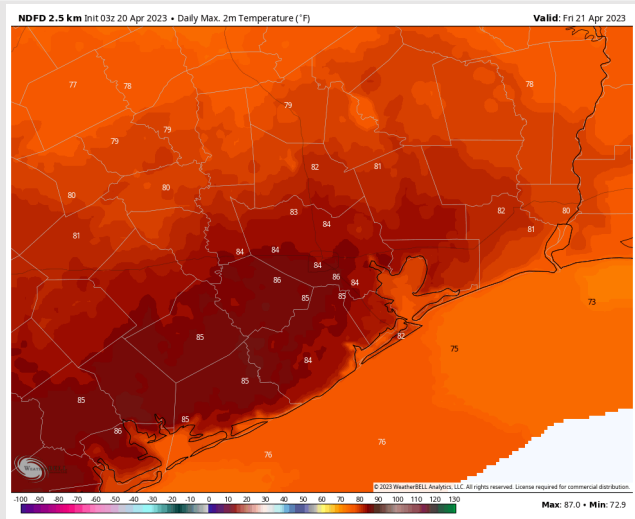
**Temps:** High temperatures Friday will be in the mid to upper 70s F for stations S of Morgan's Point and in the low to mid 80s for stations N of Morgan's Point.

**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

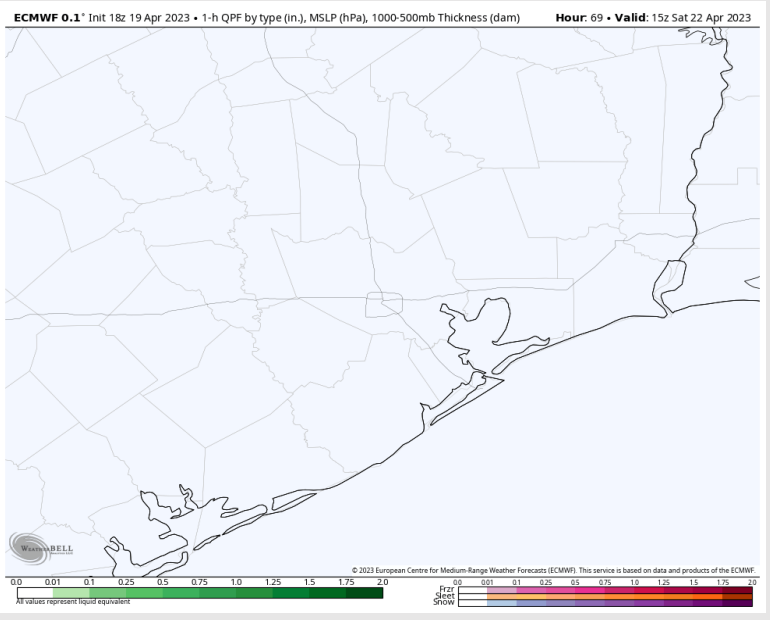
**Precip:** Anticipating dry conditions throughout the day on Saturday.

**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.

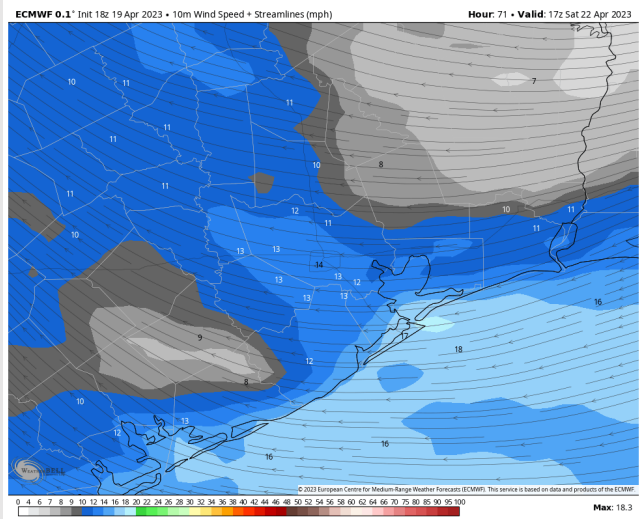
**Temps:** High temperatures on Saturday will be in the lower 80s F north of Morgan's Point and upper 70s F south of Morgan's Point.

**Visibility:** No reduced visibility concerns expected at this time.

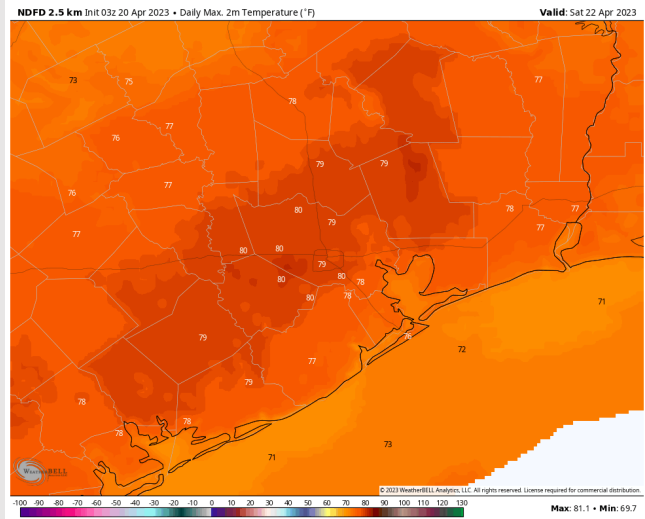
## Precip Image: 10 AM CT



Wind Speed:  
12 PM CT

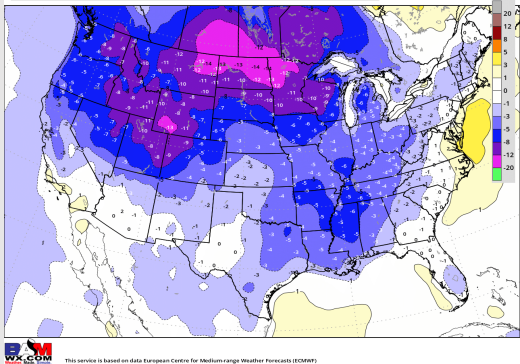


High Temps  
Saturday

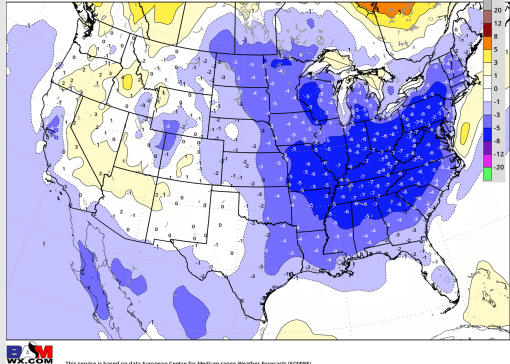


# Houston Pilots: 4/20/23

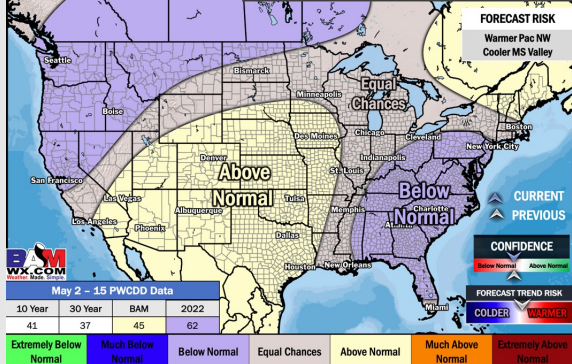
### Next 7 Day Temperature Departure



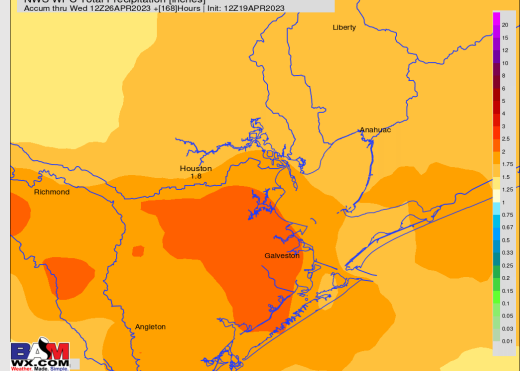
### 8-14 Day Temperature Departure



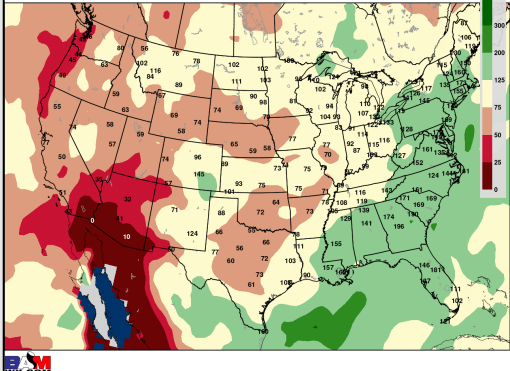
### 15-30 Day Temperature Departure



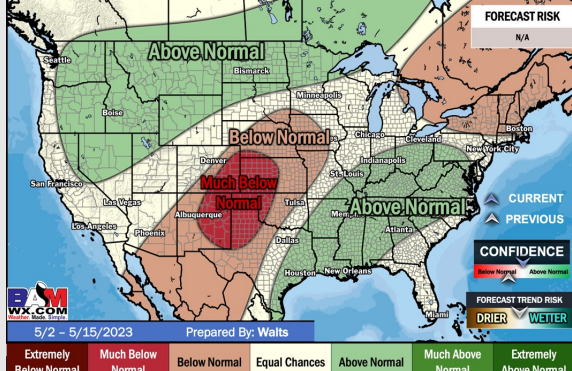
### Next 7 Day Total Precipitation



### 8-14 Day % of Average Precip.



### 15-30 Day % of Average Precip.



- Expecting a quieter stretch of weather to start the week before rain chances pick up Thursday/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 3/4 timeframe.