

# Houston Pilots Forecast Package

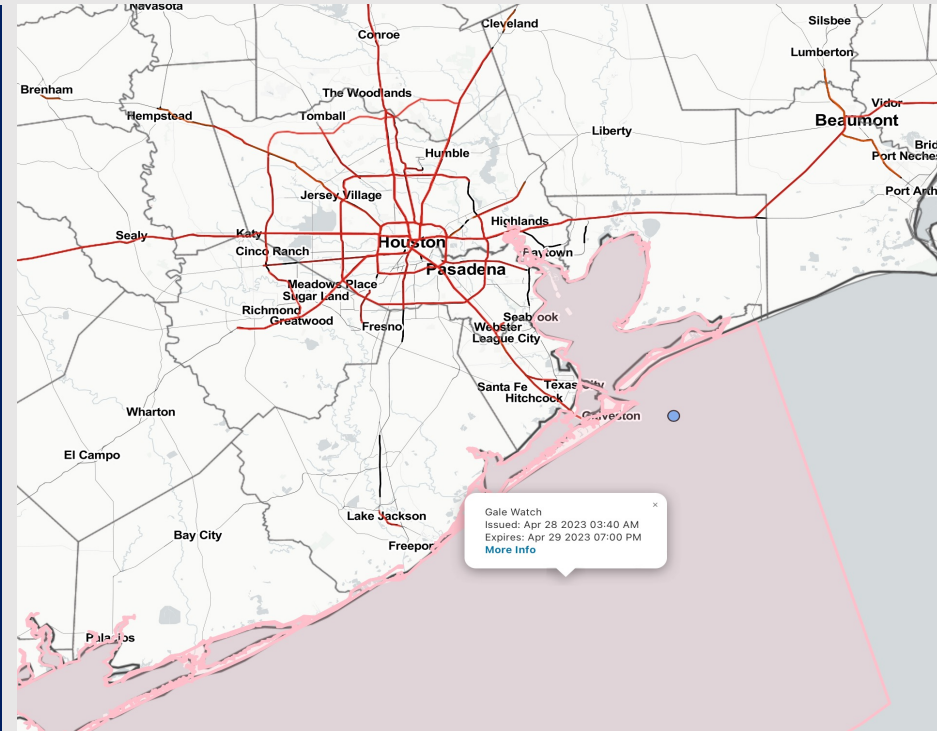


Updated: 1:00 PM CT  
Friday, April 28, 2023

Forecaster: Alyssa McClung

## Weather Headlines

- Watching for a few stronger thunderstorms to be possible late tonight into the early AM hours of Saturday.
- Saturday will be the main day for gusty winds (gusts 30-35+ knots possible).
- Threats for sea fog formation look very low with no strong signals over the next several days.



**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



## Monday 4/30/23

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



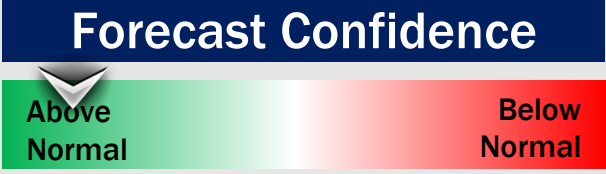
## Wednesday 5/2/23

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



## Tuesday 5/1/23

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



## Chance for Reduced Visibility

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

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



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



## Forecast Confidence



## Example

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	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	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm
610 Bridge	6	6	8	10	10	12	13	11	7	7	13	7	10	6	10	10	12	12	13	14	16	15	16	17	19	19	19	19	19	20	19	18	16	14	14	12
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Kinder 1	6	6	9	10	10	12	12	11	7	7	13	8	11	7	10	10	12	12	12	14	15	15	16	17	19	19	19	19	20	18	18	15	14	14	12	
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Greens Bayou	6	7	10	11	10	12	12	10	6	7	11	10	13	9	9	9	12	12	12	13	14	14	15	16	17	18	18	18	19	20	18	17	15	14	14	12
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Shell Crude	6	7	10	11	10	12	12	10	5	9	12	10	15	10	9	9	11	12	12	13	14	14	15	16	17	18	18	18	19	19	18	17	15	14	14	12
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Lynchburg Ferries	6	7	10	10	10	11	12	10	3	9	11	9	14	12	10	9	11	12	12	13	14	14	15	16	17	18	18	19	19	19	18	17	15	14	13	11
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Exxon 3	7	7	9	10	10	11	11	11	4	10	12	8	11	11	9	9	11	12	12	13	14	15	16	16	18	18	19	19	19	18	17	15	14	14	12	
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Morgans Point	7	8	10	11	11	12	13	15	7	7	15	10	11	10	8	10	12	13	14	15	16	16	17	17	18	19	20	20	20	19	17	16	15	13		
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75/76	8	8	12	14	14	14	16	17	11	4	21	15	12	13	5	13	14	14	17	18	19	20	20	21	20	22	22	23	23	23	23	22	21	19	18	17
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1 & 2 Bravo	9	9	11	14	15	13	14	13	16	8	18	20	16	19	21	11	13	16	20	22	24	24	26	26	28	27	28	28	30	29	29	28	27	25	25	23
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# Houston Pilots: Fri. 4/28/2023



## Forecast Discussion

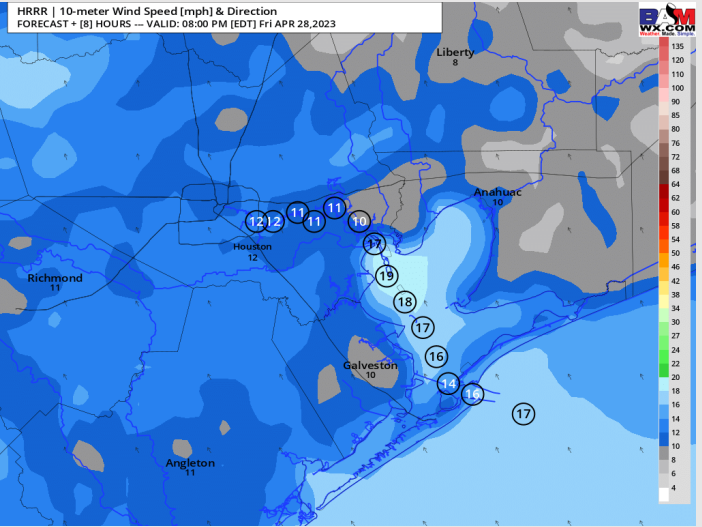
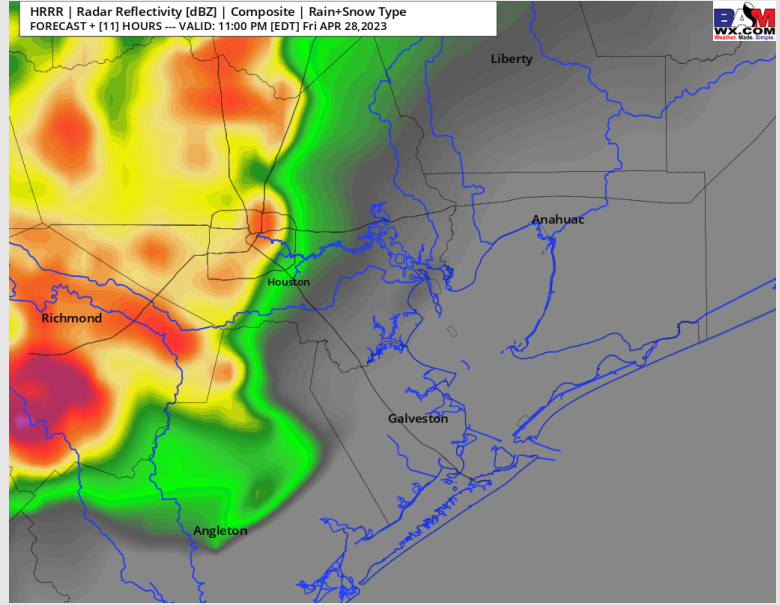
**Precip:** Favoring dry conditions throughout the majority of the evening with chances picking up for showers/thunderstorms at 10 PM - midnight tonight. More details on SAT's slide.

**Wind:** Winds out of the SE the rest of the day with sustained winds N of Morgan's Point gradually increasing to 8-13 knots for the evening. Winds S of Morgan's Point will sit in the 13-18 kts range for the evening. Gusts of 20-25 knots at the boarding station will be possible through the rest of the day.

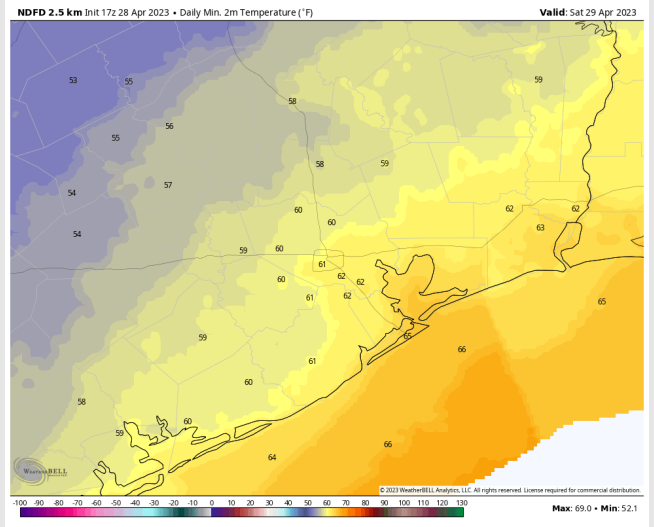
**Temps:** Low temperatures Saturday morning will be in the mid 60s F at the Boarding Station and in the low 60s F at all other stations.

**Visibility:** Not anticipating any reduced visibility due to fog.

## Precip Image: 10 PM CT FRI



Wind Speed:  
7 PM CT



Low Temps  
Saturday AM

# Houston Pilots: sat. 4/29/2023



## Forecast Discussion

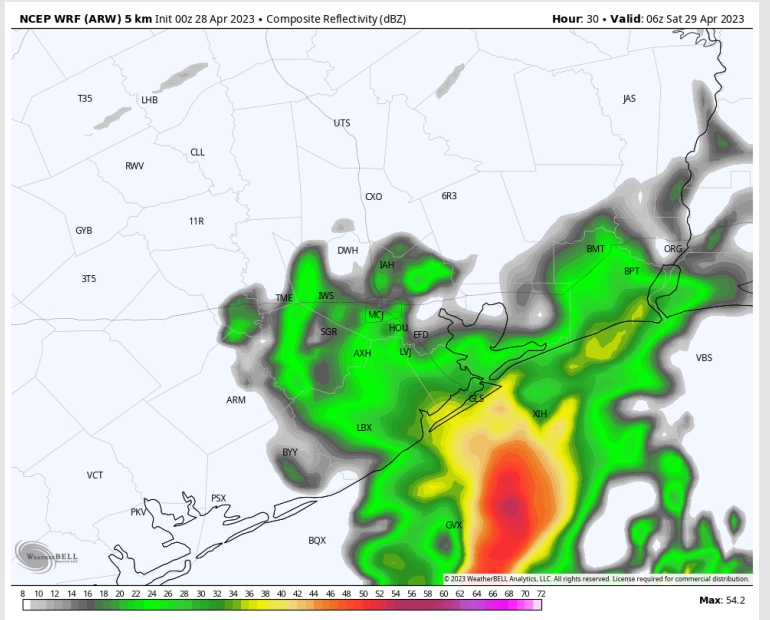
**Precip:** Some uncertainties remain on the exact time window for strong to potentially severe thunderstorms to work through the area, but currently favoring 12-5 AM for the best risk. Scattered showers and a few thunderstorms will be possible through 10 AM before chances taper off for the day. Wind gusts will be the main severe threat. Lightning, locally heavy downpours and a low end hail risk will also be on the table with these storms.

**Wind:** Expecting the front to pass between 12-2 AM and allow for winds to turn out of the north. Under the heaviest AM storms, some gusts 30-40 knots will be possible. After the front works through and near daybreak, winds become elevated at 23-28 kts S of Morgan's Point with gusts up to 35 knots. Getting into the evening / after 7 PM winds will range from 13 - 18 kts N of Morgan's Point and 20-25 kts S of Morgan's Point.

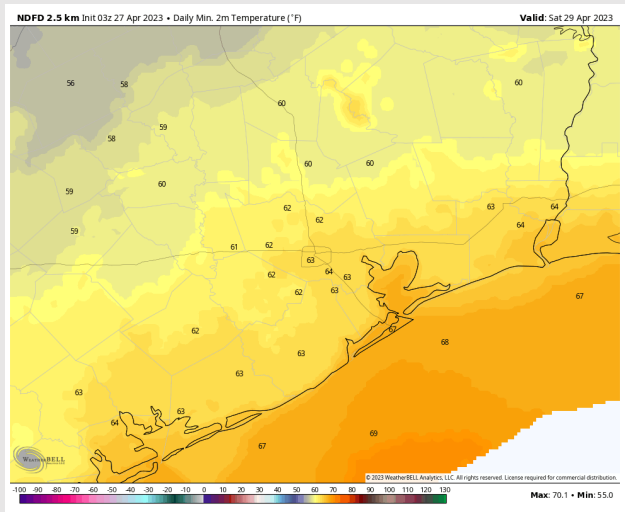
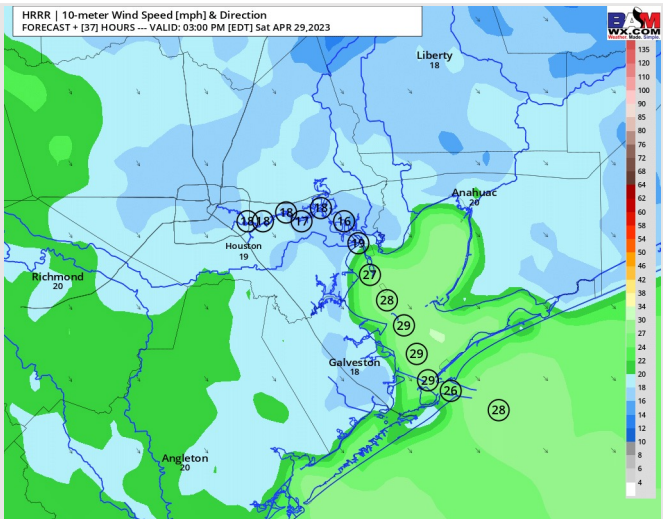
**Temps:** High temperatures Saturday in the mid to upper 60s F for all stations.

**Visibility:** Reduced visibility thanks to heavy rains will be possible.

## Precip Image: 2 AM CT



Wind Speed:  
2 PM CT



High Temps  
Saturday

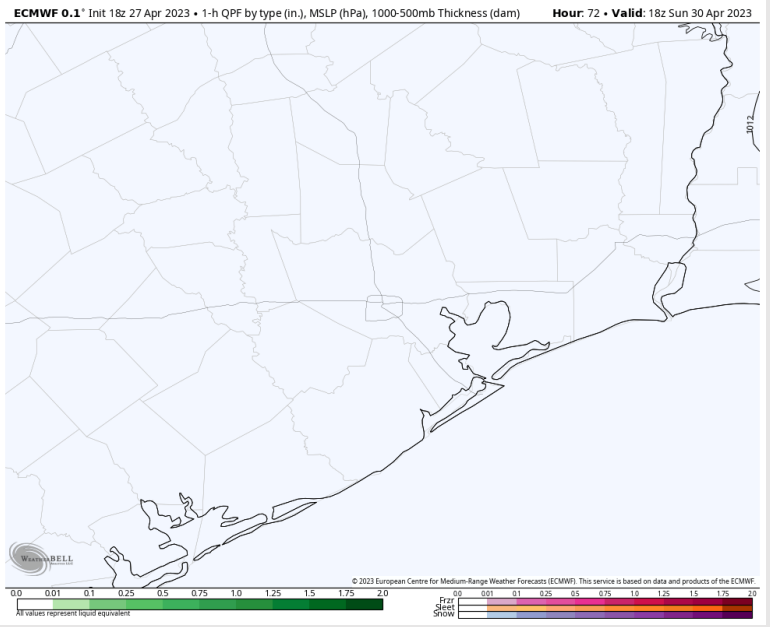
# Houston Pilots: Sun. 4/30/2023



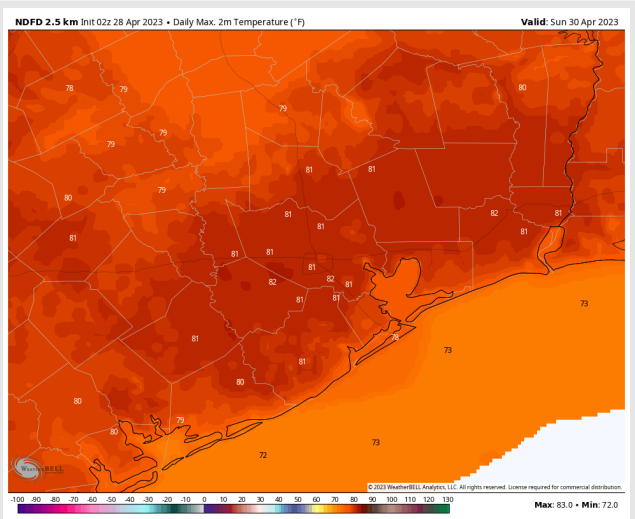
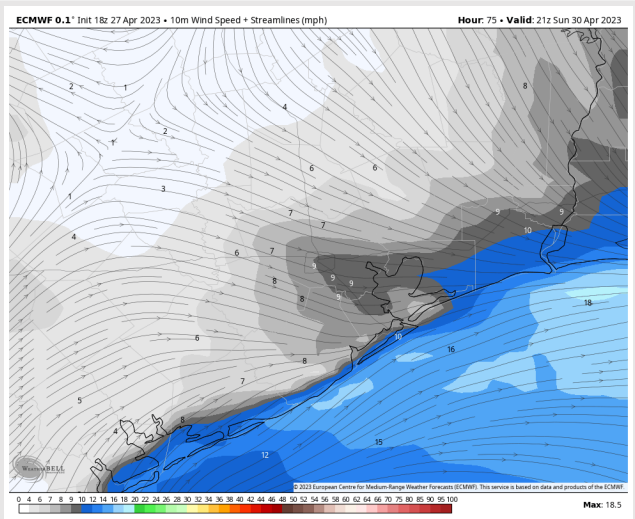
## Forecast Discussion

- Precip:** Favoring dry conditions Sunday.
- Wind:** Sustained winds Sunday will likely begin out of the NW then gradually veer from the SW through the late AM. Winds north of Morgan's Point will generally be 5-10 kts while winds south of Morgan's Point range from 13-18 kts.
- Temps:** High temps Sunday int the low 70s F at the Boarding Station and in the low 80s F at all other stations.
- Visibility:** Not anticipating any visibility concerns.

## Precip Image: 1 PM CT



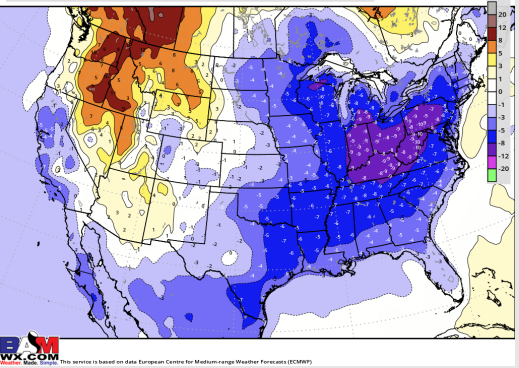
Wind Speed:  
4 PM CT



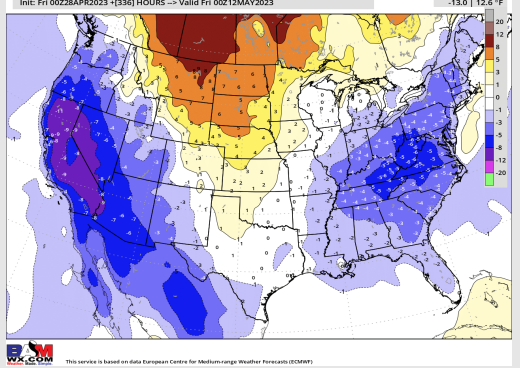
High Temps  
Sunday

# Houston Pilots: 4/28/23

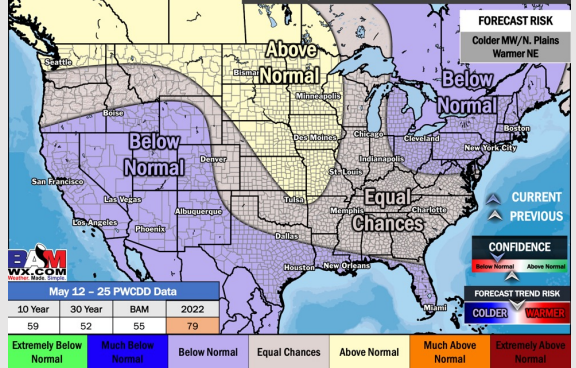
**Next 7 Day Temperature Departure**



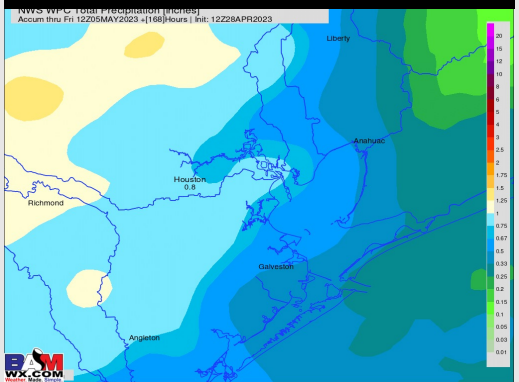
**8-14 Day Temperature Departure**



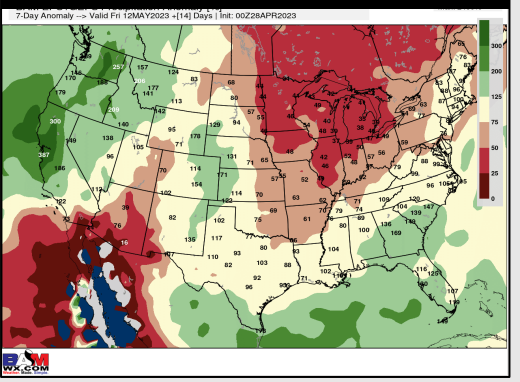
**15-30 Day Temperature Departure**



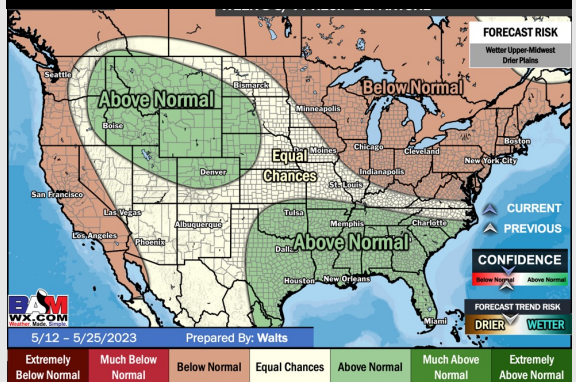
**Next 7 Day Total Precipitation**



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



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



- Main focus for precip will come on Sat AM. Outside of this, anticipating quieter weather with temps below average for this time of year.
- Expecting near normal precipitation chances and near normal temperatures for the week 2 timeframe.
- Near to below normal temperatures and above normal chances for precipitation are favored in the week 3/4 timeframe.