

Houston Pilots Forecast Package

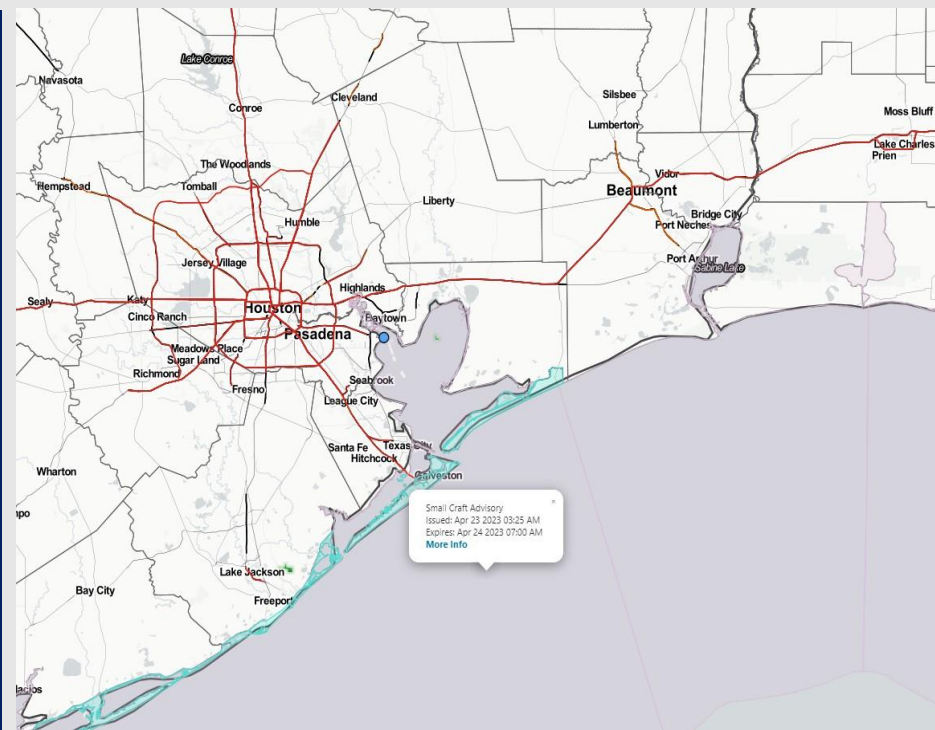


Updated: 4:45 AM CT
Sunday, April 23, 2023

Forecaster: Jonathan Kipper

Weather Headlines

- Winds slightly elevated through the rest of the today and early this week with the stronger winds up to 25 kts moving in this PM primarily at the Boarding Station.
- Fog threats look rather limited moving forward over the next several days.
- Besides rain chances today, the next best chance to see rain will be Tuesday.



Radar/NWS Alerts: 4:45 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



Wednesday 4/26/23

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

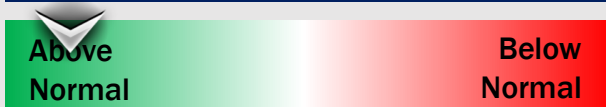
Forecast Confidence



Friday 4/28/23

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

Forecast Confidence



Thursday 4/27/23

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

Forecast Confidence



Chance for Reduced Visibility

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Time	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm
610 Bridge	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
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
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
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
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
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
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
75/76	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
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
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
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
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
11/12	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
1 & 2 Bravo	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

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	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm	Mon 1pm	Mon 2pm
610 Bridge	5	5	4	4	5	6	6	4	10	10	8	9	7	7	9	13	14	15	15	14	13	13	11	11	11	12	11	11	9	10	9	10	10	10	10	10
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Kinder 1	5	5	5	5	4	5	6	7	5	9	10	8	9	7	7	9	13	13	15	15	14	13	13	11	11	11	11	11	10	10	9	10	10	10	10	10
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Greens Bayou	4	5	4	5	5	6	7	5	8	9	8	9	7	7	8	13	13	15	15	14	13	12	11	11	11	11	11	10	10	9	10	10	10	10	10	
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Shell Crude	5	5	5	5	5	6	7	6	8	9	8	9	7	7	8	13	13	15	15	15	13	12	11	11	11	11	12	11	10	10	9	10	10	10	10	10
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Lynchburg Ferries	5	5	5	5	5	6	6	6	8	8	8	9	7	7	7	13	14	15	15	15	14	12	11	11	11	12	12	11	10	10	10	10	10	11	11	10
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Exxon 3	7	6	5	6	5	6	6	6	8	8	8	8	6	6	7	14	14	15	15	15	14	13	12	12	12	12	12	11	11	10	10	11	11	11	11	11
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Morgans Point	11	9	8	8	8	9	9	7	8	11	9	9	7	9	10	15	16	16	17	16	16	15	14	13	14	14	14	15	14	13	13	12	12	12	12	
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75/76	15	14	13	13	14	14	13	8	8	16	13	12	10	13	13	19	20	20	21	20	20	19	19	18	19	19	20	19	18	17	16	15	15	14	14	
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1 & 2 Bravo	14	16	16	15	14	14	14	12	12	12	18	13	10	9	11	21	22	23	23	23	23	24	23	23	23	24	24	25	24	23	22	22	21	19	19	
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NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides.
This data should be used as a guide only

Houston Pilots: Sun. 4/23/2023

Forecast Discussion

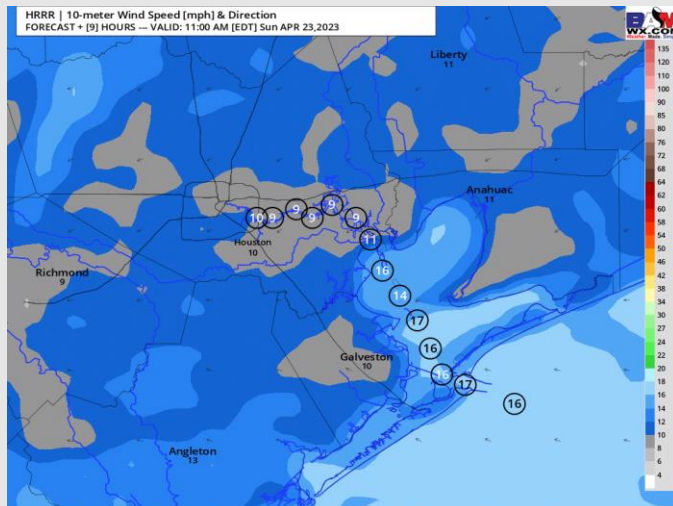
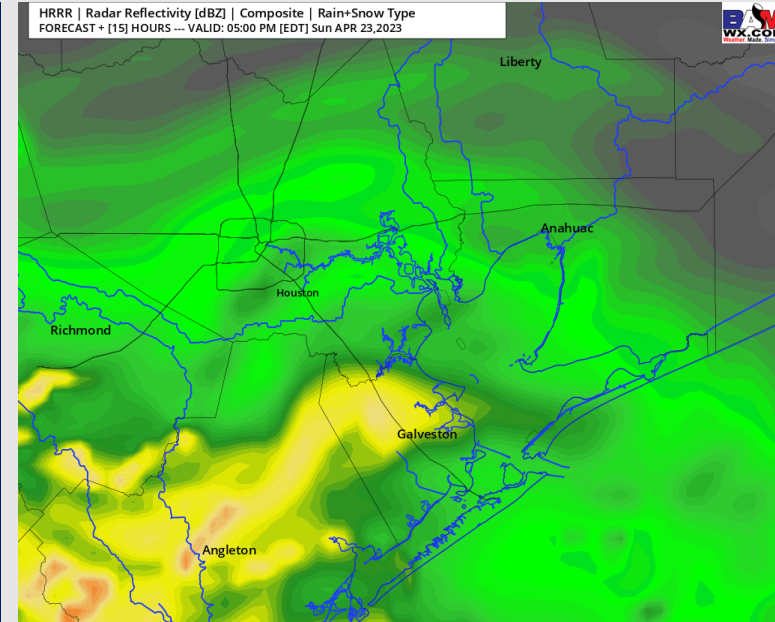
Precip: A 10-20% chance of showers today between now and 3 PM, when chances increase to 60-70% of showers through 7 PM. Beyond 7 PM, chances go back down to 10-20% for the rest of the evening.

Wind: Winds will be out of the E throughout the day today besides the 3-7 PM timeframe when they will be out of the SE. Winds N of Morgan's Point will be 4-7 kts until around 9 AM. Then after 9 AM, winds will pick up 9-15 kts throughout the rest of the day. Winds S of Morgan's Point will be 14-20 kts until around 10 PM. Then winds will pick up to 18-25 kts for the rest of the evening.

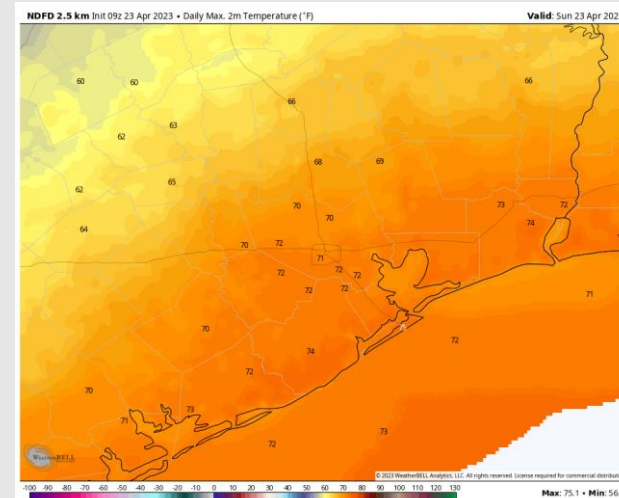
Temps: High temps today will be in the low to mid 70s F across all stations.

Visibility: No visibility issues anticipated.

Precip Image: 4 PM CT



Wind Speed:
10 AM CT



High Temps
Today

Houston Pilots: Mon. 4/24/2023

Forecast Discussion

Precip: Anticipating dry conditions throughout the day Monday.

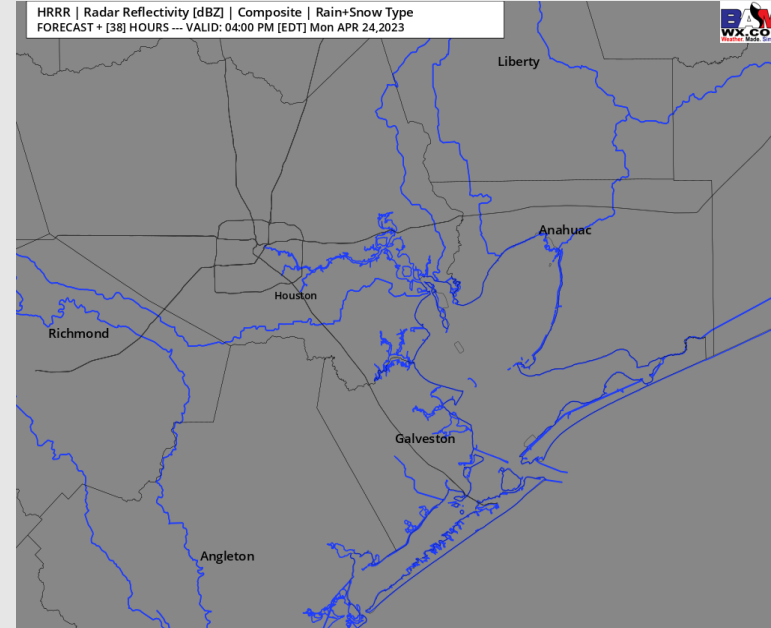
Wind: Sustained winds out of the NE Monday through 12 PM, then out of the E the rest of the day. Winds will be in the 8-13 kts range for stations N of Morgan's Point with stations S of Morgan's Point at 18 - 23 kts. Elevated wind gusts up to 30+ kts will be possible early Monday AM.

Temps: High temperatures Monday in the low 70s F across all stations.

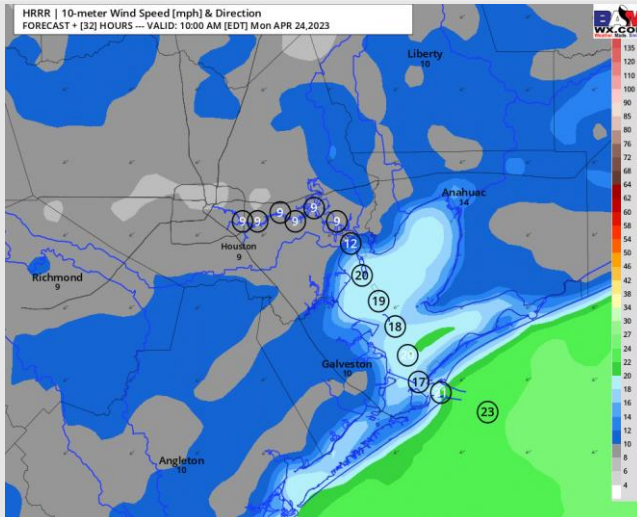
Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 3 PM CT

HRRR | Radar Reflectivity [dBZ] | Composite | Rain+Snow Type
FORECAST + [38] HOURS --- VALID: 04:00 PM [EDT] Mon APR 24, 2023

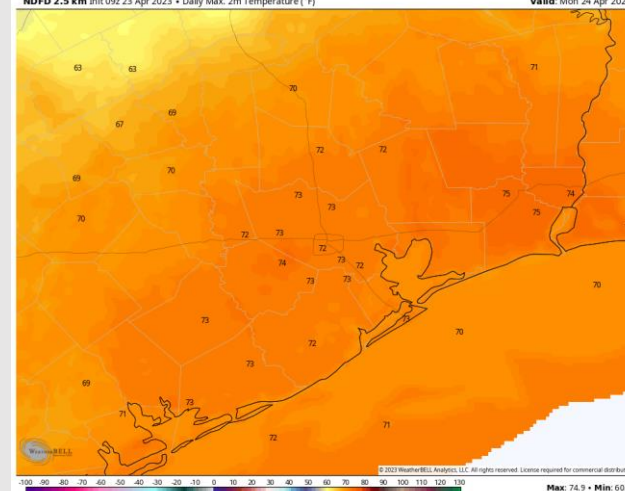


HRRR | 10-meter Wind Speed [mph] & Direction
FORECAST + [32] HOURS --- VALID: 10:00 AM [EDT] Mon APR 24, 2023



Wind Speed:
9 AM CT

NDFD 2.5 km Init 09z 23 Apr 2023 • Daily Max. 2m Temperature (°F)



High Temps
Monday

Houston Pilots: Tue. 4/25/2023

Forecast Discussion

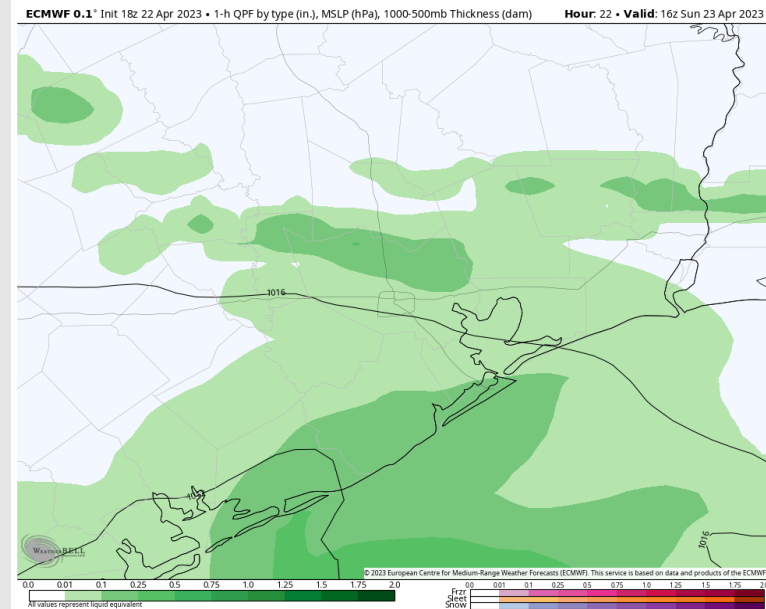
Precip: Favoring a 60 – 70% chance of scattered showers / storms throughout most of the day Tuesday. Nearing the evening, chances will pick up to 80% where they will continue the rest of the night.

Wind: Sustained winds out of the SE all day Tuesday with winds N. of Morgan's Point at 8 – 13 kts and winds south of Morgan's Point seeing 15 – 20 kts. Getting into the afternoon, all winds will be 18 - 23 kts with 30 kts gusts possible, especially at near the Boarding Station.

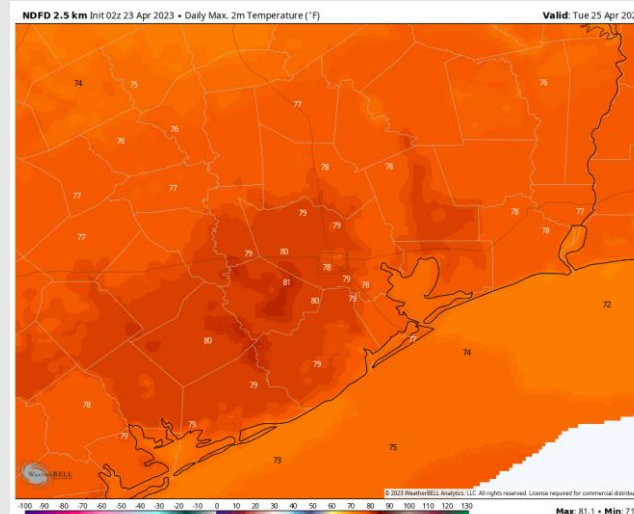
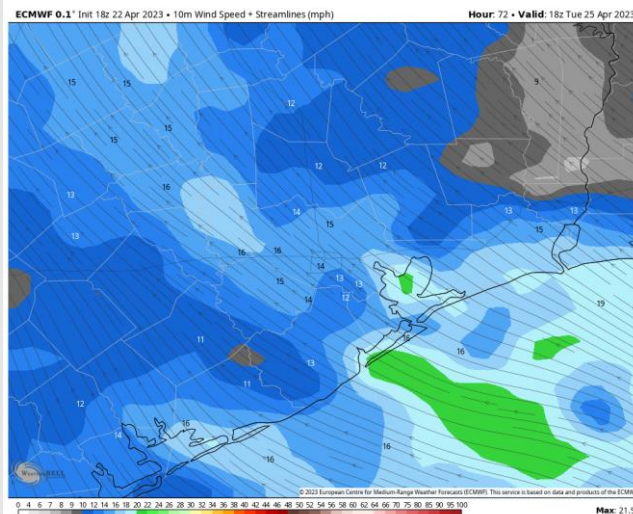
Temps: High temperatures Tuesday in the mid 70s F at the Boarding Station and in there upper 70s F for all other stations.

Visibility: No reduced visibility concerns expected at this time.

Precip Image: 11 AM CT



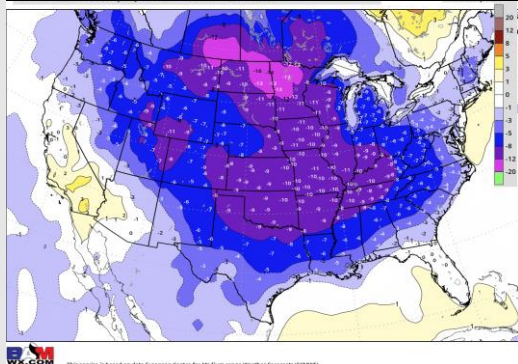
Wind Speed:
1 PM CT



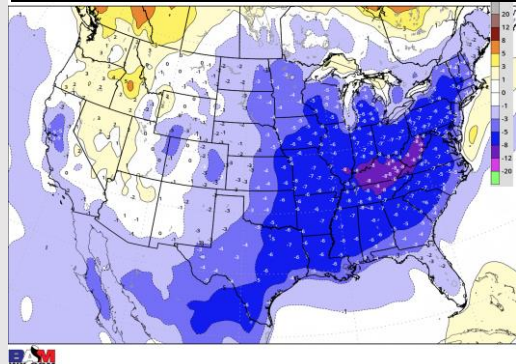
High Temps
Tuesday

Houston Pilots: 4/23/2023

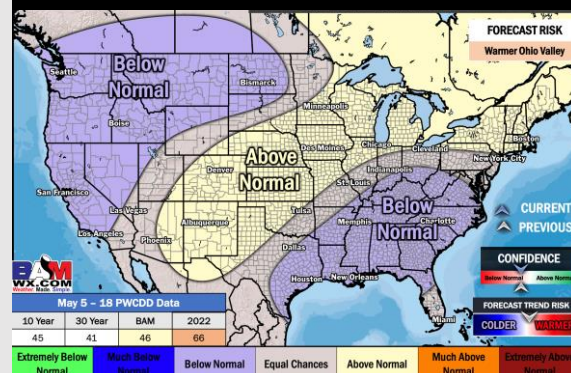
Next 7 Day Temperature Departure



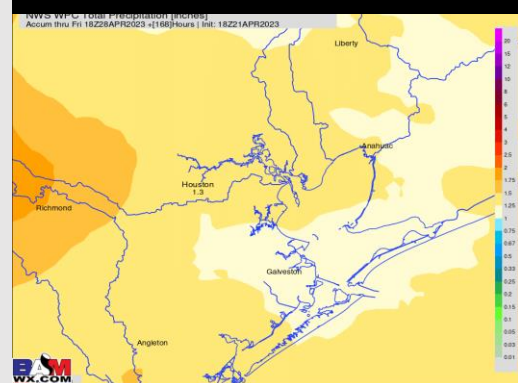
8-14 Day Temperature Departure



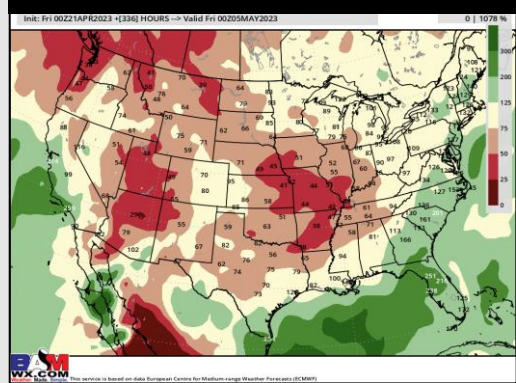
15-30 Day Temperature Departure



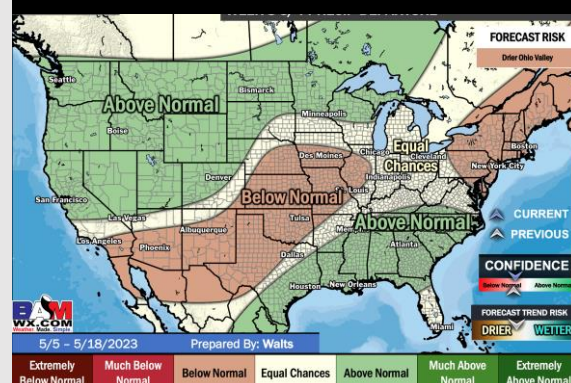
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Multiple shots of precipitation getting into the start of the week with the next chances moving in closer to next weekend. Temps will be below normal for SE TX.
- Expecting near normal precipitation chances and below normal temperatures for the week 2 timeframe.
- Below normal temperatures and above normal chances for precipitation are favored in the week $\frac{3}{4}$ timeframe.