

Houston Pilots Forecast Package

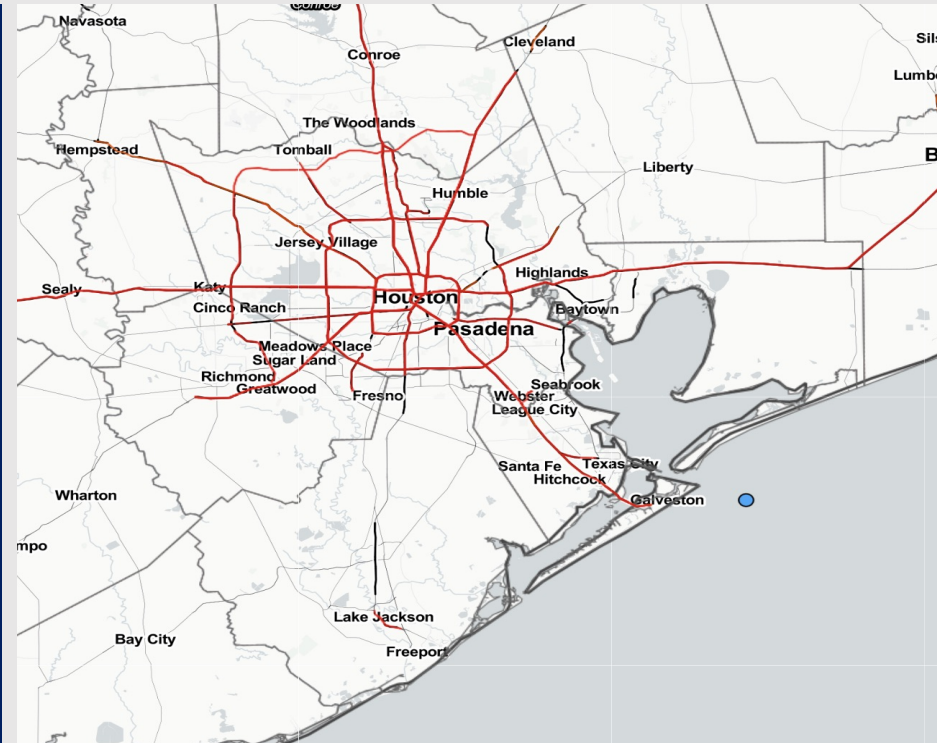


Updated: 5:20 AM CT
Tuesday, May 23, 2023

Forecaster: Tyler Riggles

Weather Headlines

- Scattered rain chances will be in the cards over the next 72 hours, but these are low end with far more dry time favored over brief periods of showers/storms.
- Winds will continue to stay rather calm through Thursday, with winds staying below 15 kts.
- Not anticipating any issues with sea fog development over the next few days.



Radar/NWS Alerts: 5:20 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



Friday 5/26/23

A low-end risk for patchy radiational fog is possible mainly to the west of the bay. A lack of low-level moisture will keep chances minimal.



Saturday 5/27/23

In a similar fashion to Friday, there certainly is a low-end risk for radiational fog to the west of the bay and North of Morgan's point but lacking low-level moisture still present.



Sunday 5/28/23

Not anticipating any visibility concerns Saturday.



Chance for Reduced Visibility

Friday AM	Possible
Friday PM	Unlikely
Saturday AM	Possible
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 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	8	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	8	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	8	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	9	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	8	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	9	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
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
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
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
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
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
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
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

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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	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	Tue 1pm	Tue 2pm	Tue 3pm	Tue 4pm	Tue 5pm	Tue 6pm	Tue 7pm	Tue 8pm	Tue 9pm	Tue 10pm	Tue 11pm	Wed 12am	Wed 1am	Wed 2am	Wed 3am	Wed 4am	Wed 5am	Wed 6am	Wed 7am	Wed 8am	Wed 9am	Wed 10am	Wed 11am	Wed 12pm	Wed 1pm	Wed 2pm	
610 Bridge	1	2	2	2	2	3	3	3	3	4	5	5	5	5	5	4	4	4	4	3	3	3	3	4	3	3	3	3	3	4	4	4	4	5	
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Kinder 1	2	2	2	2	2	3	3	3	4	4	5	5	5	5	5	4	4	4	4	3	3	3	3	4	3	3	3	3	3	4	4	4	4	5	
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Greens Bayou	2	2	2	2	2	3	3	3	4	4	5	5	5	5	5	4	4	4	4	3	3	3	3	4	3	3	4	3	3	4	4	4	4	5	
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Shell Crude	2	2	3	3	3	3	3	3	4	4	5	6	5	5	5	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
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Lynchburg Ferries	2	3	3	3	3	3	3	3	4	4	5	6	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
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Exxon 3	3	3	4	4	3	3	3	3	4	5	6	7	8	6	6	6	6	6	6	5	6	5	6	5	5	6	6	6	6	5	6	5	6	7	
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Morgans Point	4	4	5	4	4	4	3	3	4	4	5	6	6	6	6	6	6	6	6	6	5	5	5	5	6	5	5	6	5	5	4	4	4	6	
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75/76	5	5	6	6	5	4	4	4	5	6	7	8	9	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7	5	5	5	5	6	
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51/52	4	5	5	6	6	5	4	3	4	4	5	6	8	8	9	9	9	8	8	8	7	7	6	7	6	7	7	8	8	7	6	6	6	7	8
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37/38	3	4	5	5	6	5	4	4	4	5	6	8	8	8	8	8	8	7	7	8	6	6	6	6	6	6	6	7	7	6	6	6	6	7	8
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25/26	3	3	4	5	6	5	5	4	4	4	5	6	7	7	7	7	7	7	7	6	6	6	6	5	5	6	6	6	7	7	6	6	6	7	8
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11/12	4	4	5	6	6	6	5	5	6	6	7	8	8	8	8	7	7	7	7	7	6	6	6	5	6	6	6	7	7	6	6	6	6	7	8
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1 & 2 Bravo	3	5	6	7	7	6	6	5	5	5	6	7	8	9	9	9	8	8	8	8	7	7	7	7	7	8	8	9	8	7	7	7	7	7	8
	NW	NNW	N	N	N	NNE	NNE	NE	E	SSE	S	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	

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Houston Pilots: Tue. 5/23/2023



Forecast Discussion

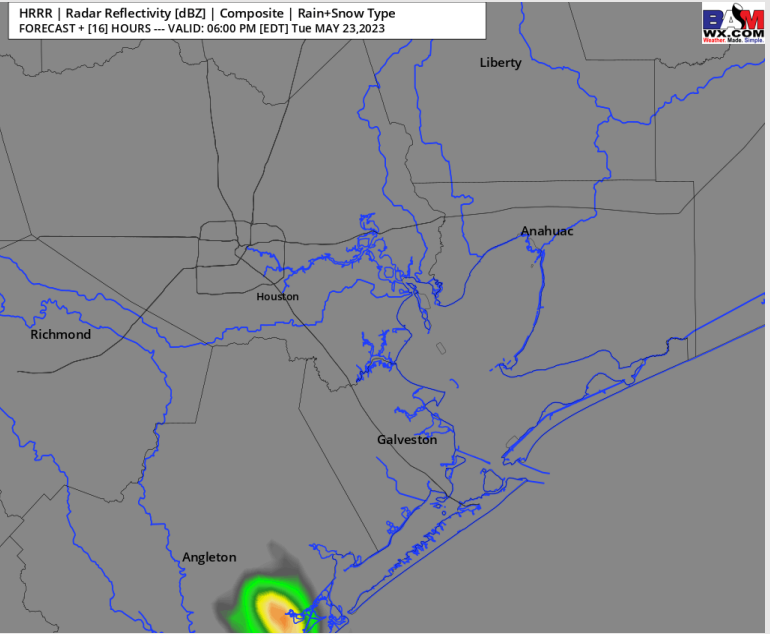
Precip: Favoring dry conditions for the better part of the day. A 20% chance for an isolated thunderstorm exists between 4 – 6 PM. A few lightning strikes and pea sized hail cannot be ruled out with the isolated storms. After 6 PM favoring dry conditions for the evening/overnight.

Wind: Sustained winds will begin out of the W during the AM then gradually shift out of NNE by 8-9 AM. Then around the lunch timeframe, winds will become variable before shifting back out of the SSW by 8 PM. Winds throughout the day will range from 5-10 kts with gusts up to 12 kts.

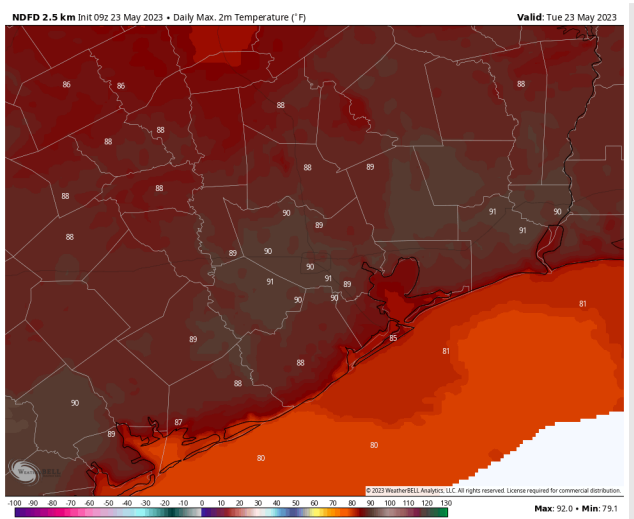
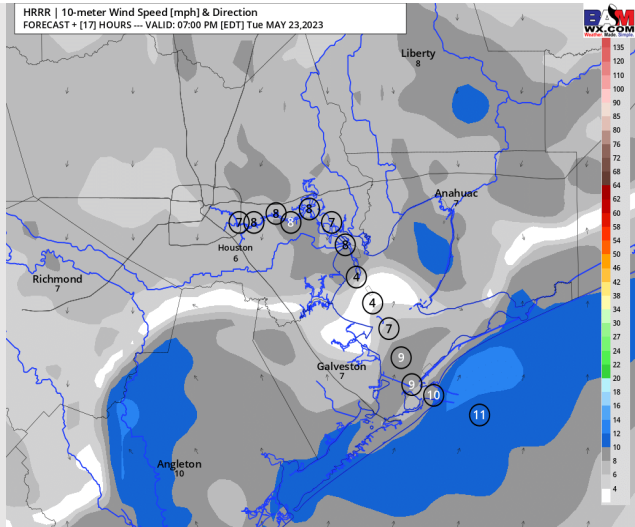
Temps: High temperatures will be in the low 80s F for the Boarding Station with all other stations in the upper 80s near 90 F.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 5 PM CT



Wind Speed:
10 PM CT



High Temps
Tuesday

Houston Pilots: Wed. 5/24/2023



Forecast Discussion

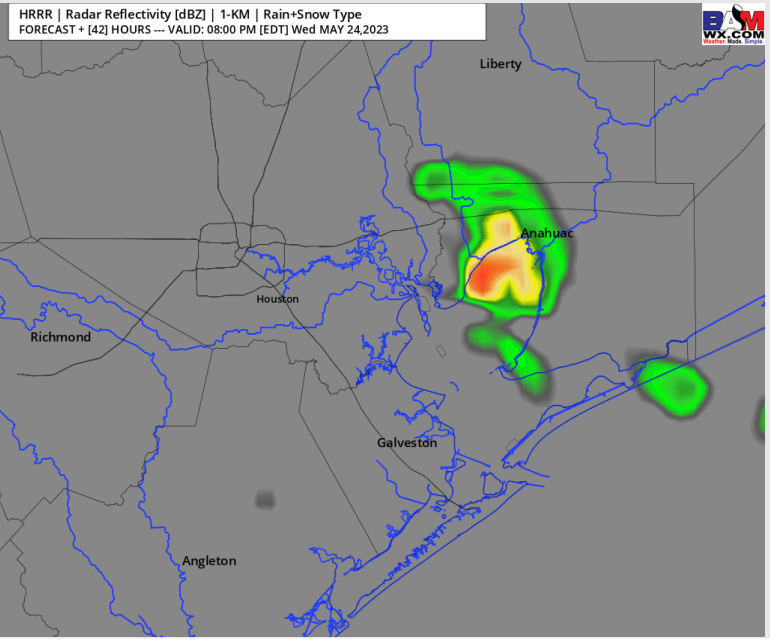
Precip: Favoring Wednesday morning to start off dry. Scattered showers and storms then expected to push in from the north around the 3PM timeframe and will continue through 9 PM, expected to remain mostly to the NE. 30% chance for rain to impact stations, with chances of lightning also possible.

Wind: Winds will start off calm for stations N of Morgan's Point while stations S will see 10-12 kts winds out of the NW through 6 AM. Then anticipating winds to remain variable and calm at 3-8 kts throughout the rest of the day Wednesday.

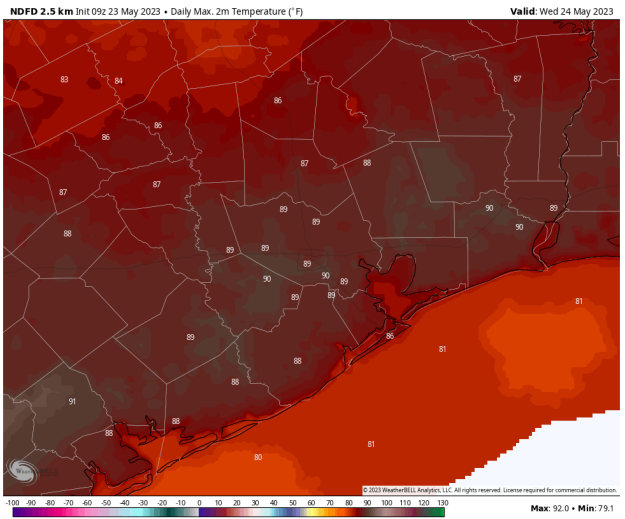
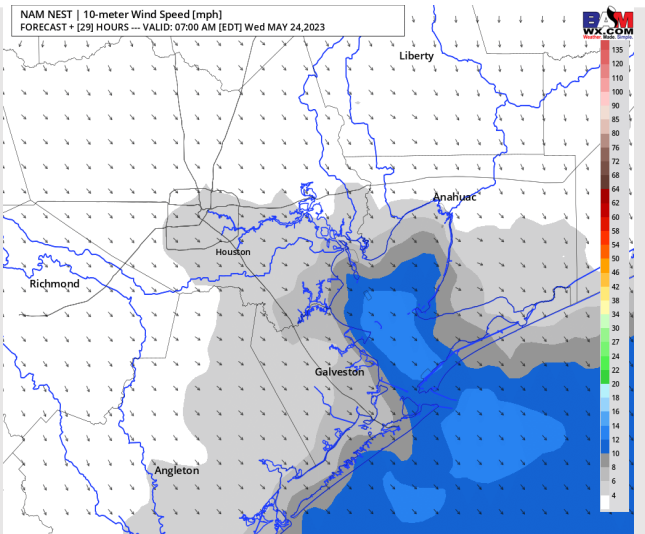
Temps: High temperatures in the low 80s F at the Boarding Station and in the upper 80s near 90 F for all other stations Wednesday.

Visibility: Not anticipating visibility concerns at this time.

Precip Image: 7 PM CT



Wind Speed:
6 AM CT



High Temps
Wednesday

Houston Pilots: Thu. 5/25/2023



Forecast Discussion

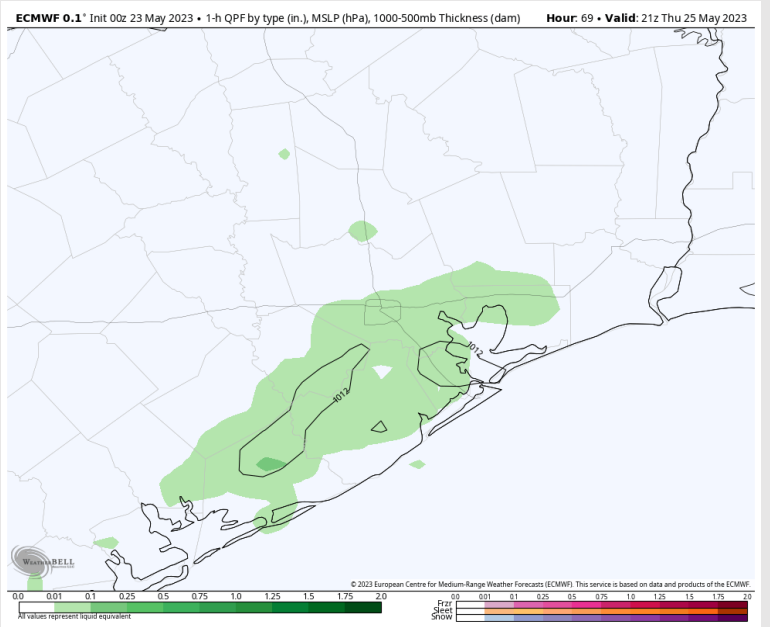
Precip: Favoring dry conditions Thursday leading up until ~2PM, where scattered showers/ T-storms will be about the area in a hit or miss fashion. After 6 PM favoring better moisture chances to drift to the NWT, prompting dry conditions for the evening.

Wind: Winds will be in variable directions for the majority of Thursday, with favorability from the SE/S during the early afternoon. Winds will be near calm at 2 – 6 kts during the AM hours, then increase S of Morgan’s Point to 5 – 10 kts after 4 PM.

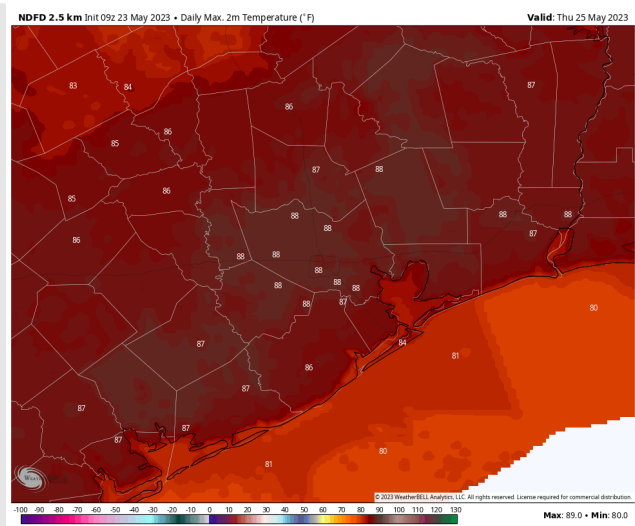
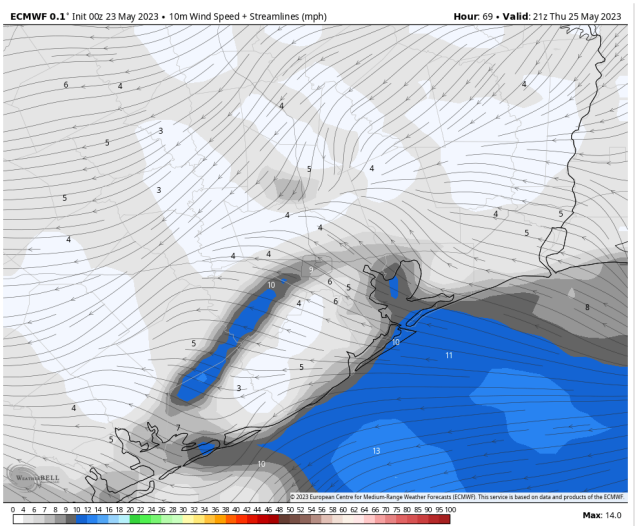
Temps: High temperatures Thursday will be in the upper 80s F N of Morgan’s Point and in the mid to lower 80s F S of Morgan’s Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 4 PM CT



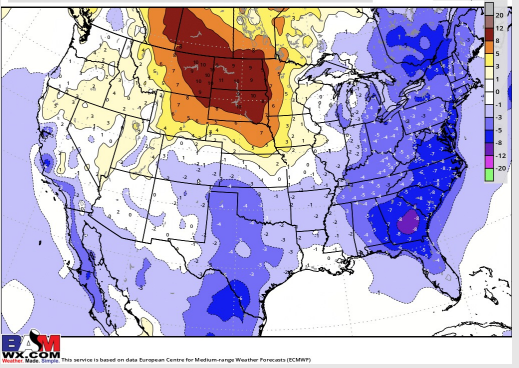
Wind Speed:
4 PM CT



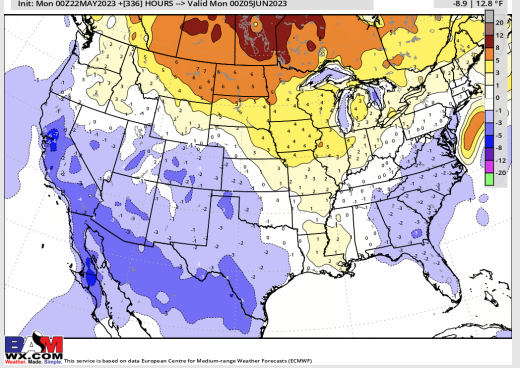
High Temps
Thursday

Houston Pilots: 5/23/23

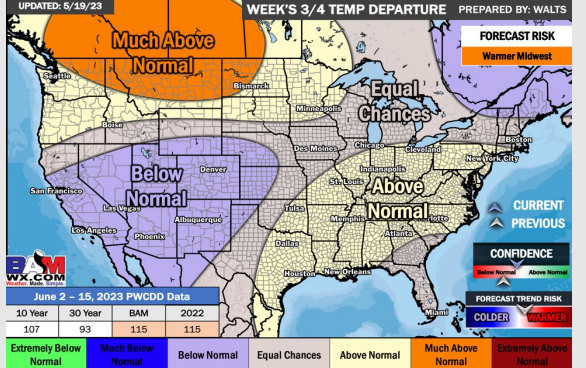
Next 7 Day Temperature Departure



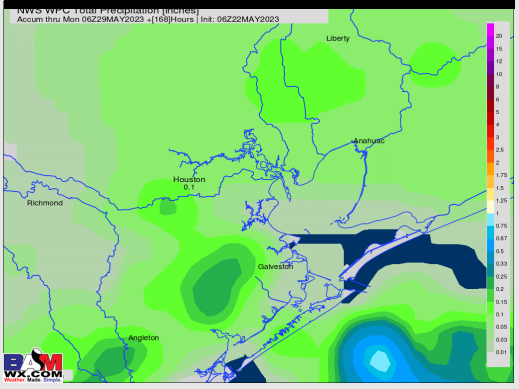
8-14 Day Temperature Departure



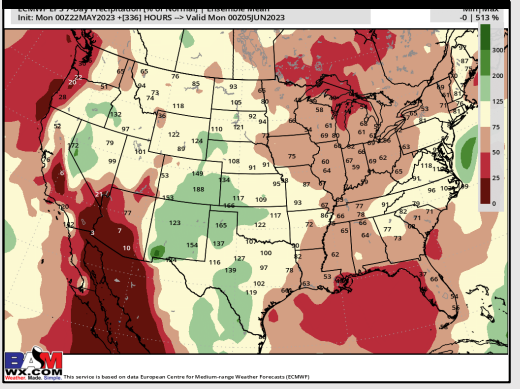
15-30 Day Temperature Departure



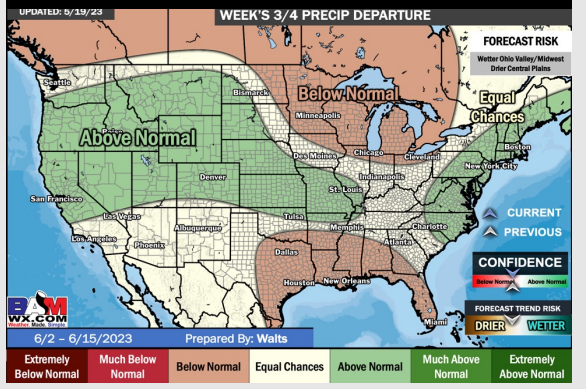
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- A few hit and miss rain chances over the next couple days with the better shot working in through a second half of the week. Favoring cooler than normal temperatures over the next week.
- Expecting slightly below normal precipitation chances and slightly below normal temperatures for the week 2 timeframe.
- Above normal temperatures and below normal chances for precipitation are favored in the week 3/4 timeframe.