

Houston Pilots Forecast Package

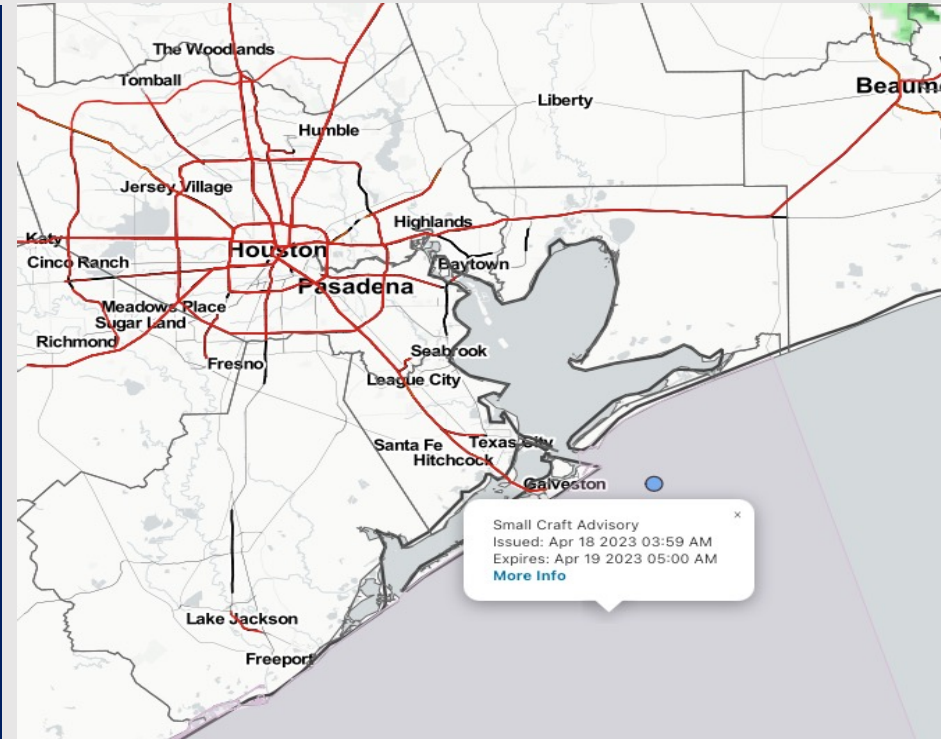


Updated: 5:00 AM CT
Tuesday, April 18, 2023

Forecaster: Vince Bryan

Weather Headlines

- Low end scattered rain chances will be present this morning extending through the early afternoon hours.
- Winds remain elevated at the Boarding Station the next several days (more info on daily slides).
- While timing needs ironed out, keep an eye out for this ~Saturday for a front to sweep through and sustained winds 25-30 knots possible from the N.
- Fog threats look rather limited moving forward over the next several days.
- Worth keeping eyes out towards Friday AM for severe weather potential.



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



Friday 4/21/23

Reduced visibility does not look to be a concern on Friday at the moment.



Sunday 4/23/23

Reduced visibility does not look to be a concern on Sunday at the moment.



Saturday 4/22/23

Reduced visibility does not look to be a concern on Saturday at the moment.



Chance for Reduced Visibility

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

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Tue 3am	Tue 4am	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	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
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
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
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	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
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
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
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
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	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	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 3am	Tue 4am	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	3	2	2	2	3	4	5	4	7	8	10	9	11	11	11	13	13	13	12	11	11	10	10	10	10	10	9	9	8	10	10	12	13	14	15	15
	8	3	3	3	9	10	16	14	14	15	15	16	17	18	18	20	19	19	18	18	17	15	15	15	15	16	14	14	12	15	15	18	18	19	21	20
	SSE	NNE	E	ENE	SE	SSE	SSE	S	SSE	SE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Kinder 1	3	2	2	2	4	4	5	4	6	8	10	9	11	11	11	14	13	13	12	11	11	10	10	10	10	10	9	9	8	10	10	12	13	14	15	15
	8	3	3	3	10	11	16	14	13	15	16	16	17	17	18	20	19	19	18	17	16	15	15	15	16	15	14	13	15	15	18	18	19	20	20	
	SSE	ENE	ENE	ENE	SE	SSE	SSE	S	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Greens Bayou	3	2	2	1	4	4	4	4	6	8	10	9	11	11	11	14	12	12	11	11	11	10	10	10	10	10	9	9	10	10	12	14	15	15	15	
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	SSE	S	ENE	NE	SSE	SSE	SSE	S	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Shell Crude	4	2	1	1	4	5	5	5	6	9	10	10	12	12	11	14	13	13	11	11	11	10	10	10	10	11	10	9	10	11	12	14	15	15	16	
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	SSE	WSW	ENE	NE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Lynchburg Ferries	4	2	1	2	4	4	5	5	6	9	10	10	12	12	11	14	13	13	12	11	11	11	11	11	11	11	10	9	11	11	13	14	15	16	16	
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	SSE	WNW	ENE	ENE	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Exxon 3	6	4	1	2	5	5	7	7	7	10	11	11	12	12	11	15	14	13	12	12	12	12	12	12	11	12	12	11	10	11	12	13	15	16	16	16
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	SSE	WSW	SSE	ESE	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
Morgans Point	9	7	5	6	8	9	11	10	11	13	13	13	13	12	16	16	15	15	14	14	14	14	14	14	14	14	14	13	12	13	14	15	16	16	16	16
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	S	SSW	SW	SSE	S	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
75/76	11	12	9	10	11	13	15	15	13	13	15	16	15	14	14	19	19	19	19	18	18	18	18	18	18	18	18	17	16	17	17	17	17	17	18	18
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63/64	11	13	10	11	11	13	16	17	14	14	16	16	15	14	14	20	20	20	20	19	19	19	19	19	19	19	19	19	17	18	18	18	17	18	18	
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51/52	11	13	11	11	10	13	17	17	15	15	15	16	15	15	14	19	20	19	19	19	19	19	19	18	19	18	18	18	17	17	17	17	17	17	17	18
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37/38	10	13	11	11	9	12	15	15	13	14	14	15	15	15	13	19	19	19	18	18	18	18	19	18	18	17	18	17	16	16	16	16	16	16	17	16
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	S	S	S	S	S	S	S	SSE	SSE	SSE	SSE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
25/26	9	11	10	9	9	11	12	13	11	12	12	13	14	14	13	17	17	17	17	17	17	17	17	16	16	16	16	15	15	14	14	15	15	15	15	15
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11/12	10	12	11	10	11	11	12	13	12	12	13	15	15	15	14	17	17	17	16	17	17	17	16	16	16	16	15	15	14	14	15	14	14	14	14	14
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1 & 2 Bravo	12	14	14	13	13	12	13	14	12	13	14	16	16	17	16	19	19	20	19	20	20	20	20	19	19	18	18	17	16	16	16	16	15	15	14	14
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Houston Pilots: Tue. 4/18/2023



Forecast Discussion

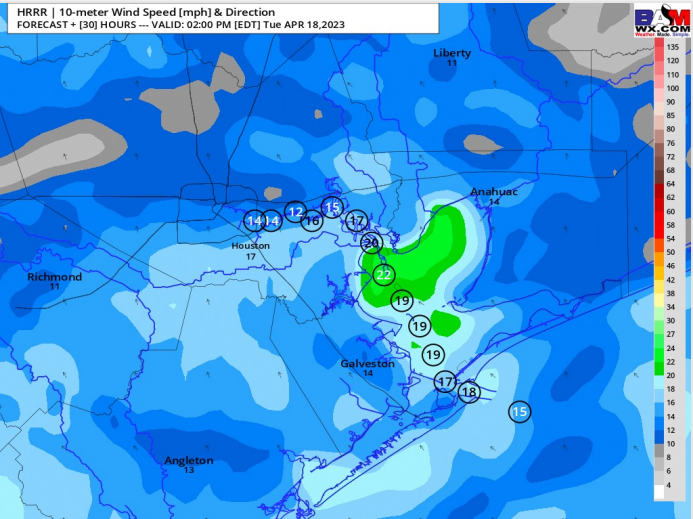
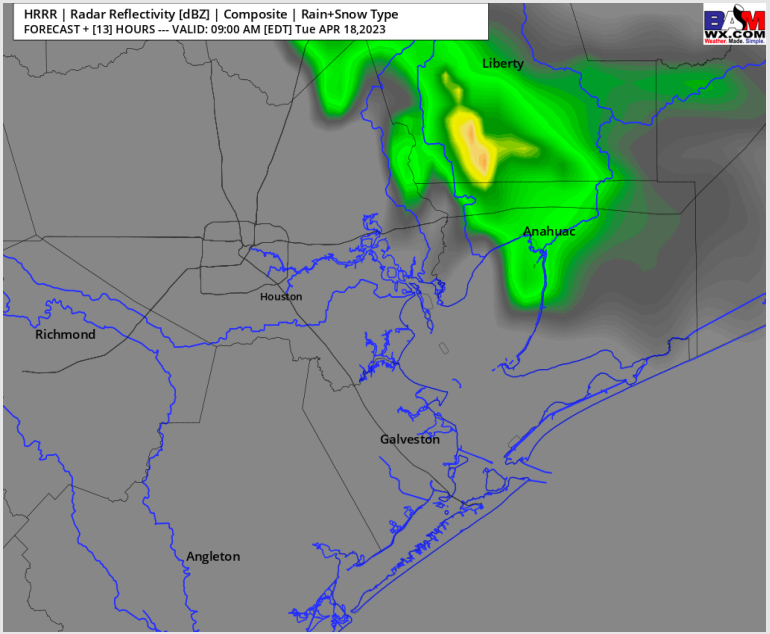
Precip: Anticipating dry conditions through 6 AM. After 6 AM, a 20-30% chance of scattered showers/ thunderstorms moves into the area, with the best window to see showers (40%) between 9 AM – 1 PM. After 1 PM favoring dry conditions.

Wind: Winds will mainly be from the S/SE all day. For Stations N of Morgan’s Point winds will start at 3 - 8 kts and S of Morgan’s Point will be at 10 - 15 kts. After 11 AM, winds will increase to 13 - 18 kts at all stations with the Boarding Station increasing to 16 - 21 kts sustained after 8 PM. Gusts of 20-25 kts will be possible at the Boarding Station most of the day

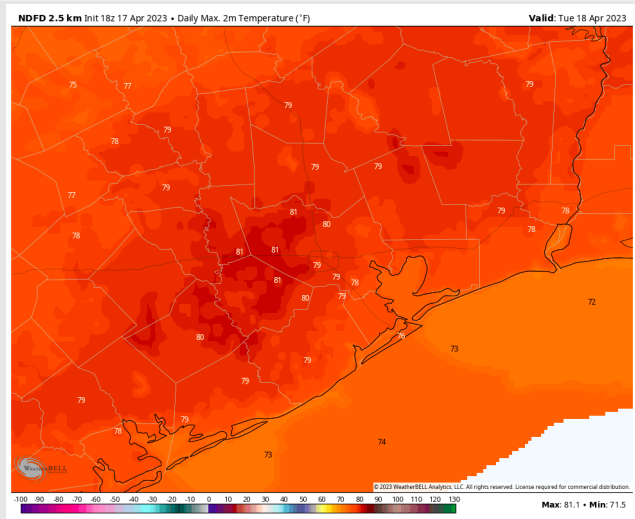
Temps: High temps will be in the mid to upper 70s at all stations.

Visibility: Not anticipating visibility concerns at this time.

Precip Image: 8 AM CT



Wind Speed:
1 PM CT



High Temps
Today

Forecast Discussion

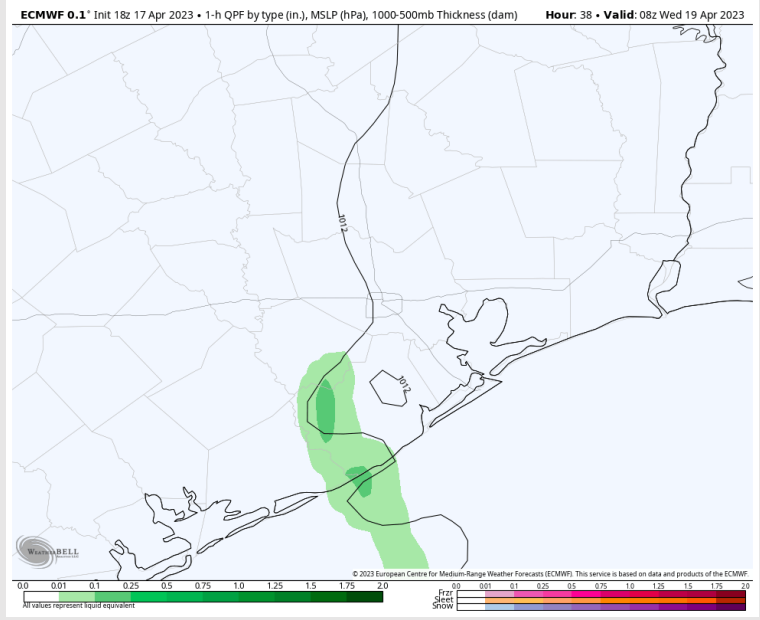
Precip: Anticipating dry conditions Wednesday outside of a 10-20% chance for a stray shower during the late AM hours.

Wind: Winds will be out of the SE throughout the day. Winds north of Morgan's Point will start out at 6 - 11 kts and winds south of Morgan's Point will start out at 13-18 kts. Between 10 AM - 8 PM, all stations will see sustained winds of 13-18 kts with gusts at the boarding station at 18-23 kts possible.

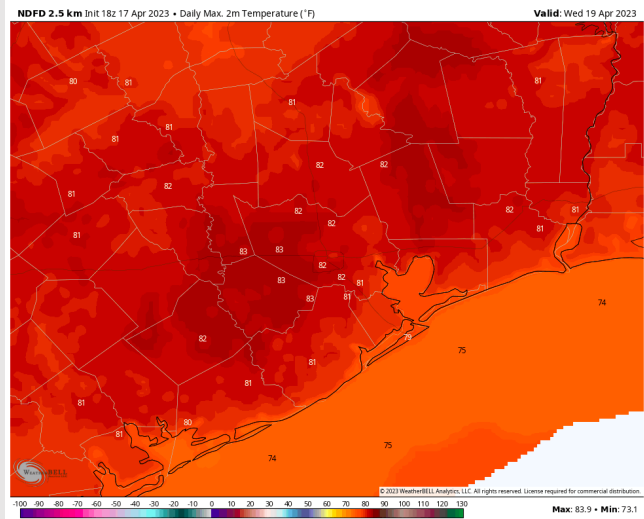
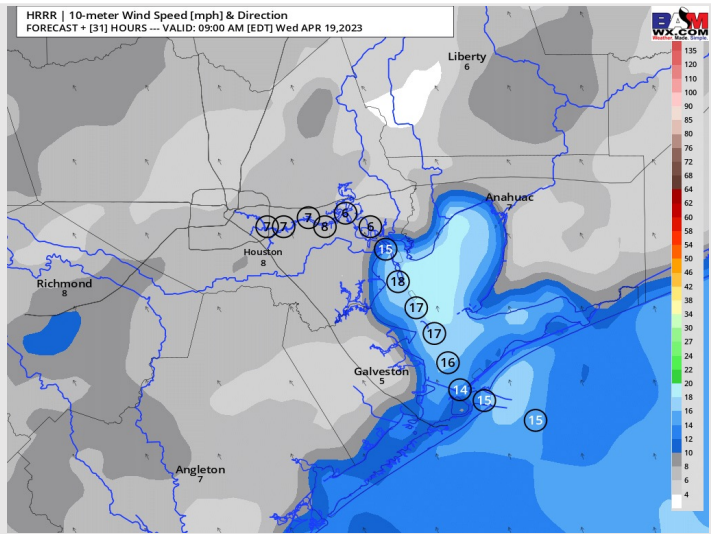
Temps: High temperatures on Wednesday will be in the low 80s F across all stations, except the Boarding station, where it will be in the mid 70s F.

Visibility: No reduced visibility concerns expected at this time.

Precip Image: 7 AM CT



**Wind Speed:
8 AM CT**



**High Temps
Wednesday**

Forecast Discussion

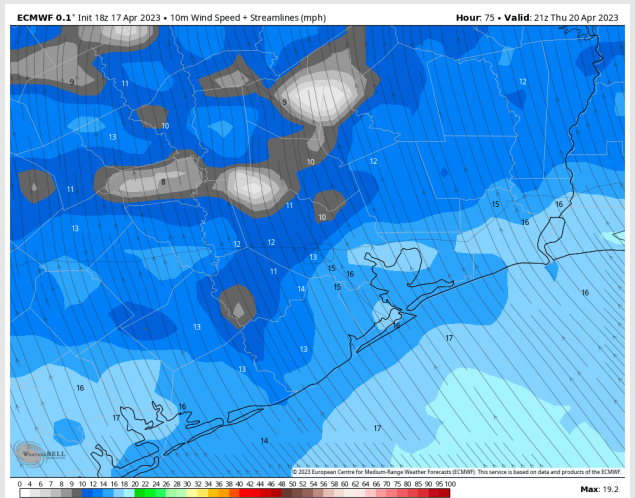
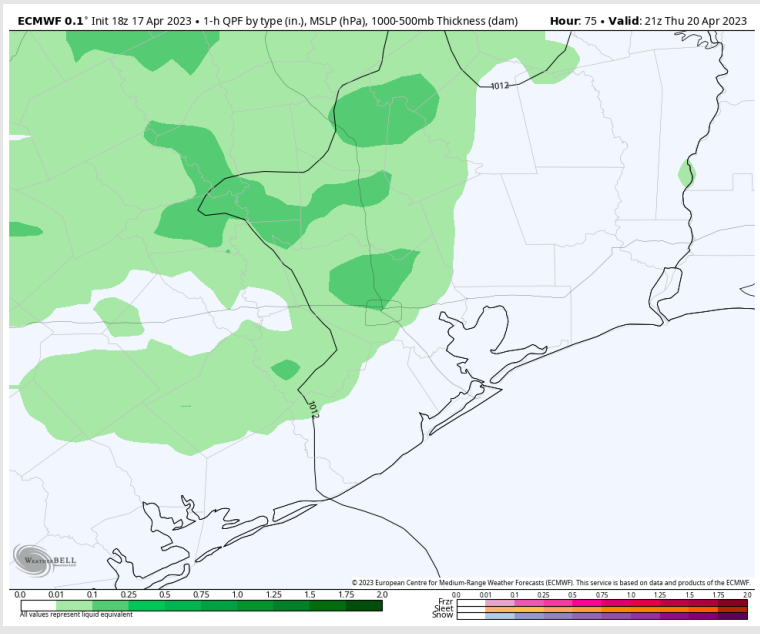
Precip: Favoring dry conditions for the majority of the day Thursday. After 4 PM moisture from the W/NW will try to work into the area and bring precipitation chances to 20% the bulk of precipitation is favored to stay off to the northwest.

Wind: Sustained SE winds will continue Thursday. AM winds north of Morgan's point will start at 6 – 10 kts, and S of Morgan's Point at 10 – 16 kts. Around 10 AM winds Across all stations will be 11 – 16 kts and remain as such for the rest of the day. **Wind gusts of 22 – 25 kts will be possible across all stations after 10 AM as well.**

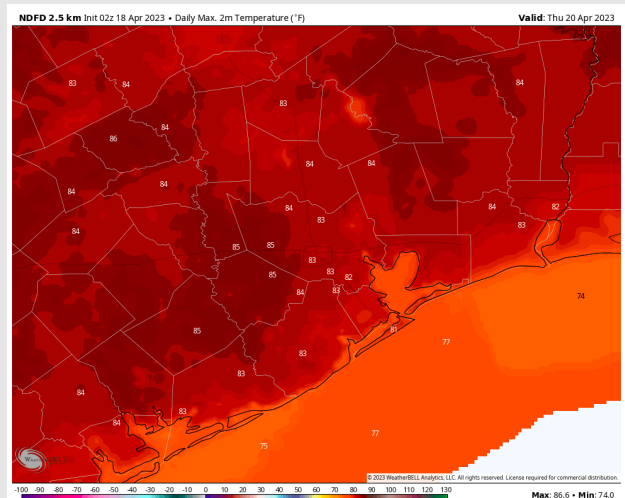
Temps: High temperatures Thursday will be in the lower 80s F for stations north of Morgan's Point and in the upper 70s for stations south.

Visibility: No visibility issues anticipated.

Precip Image: 4 PM CT



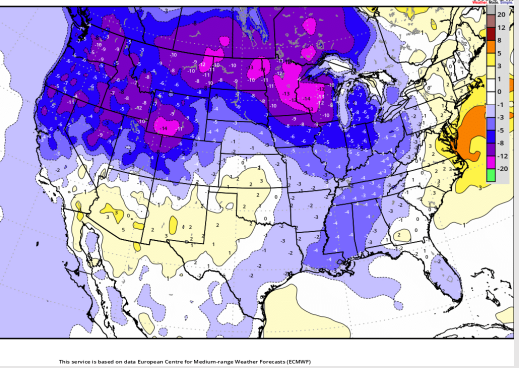
Wind Speed:
4 PM CT



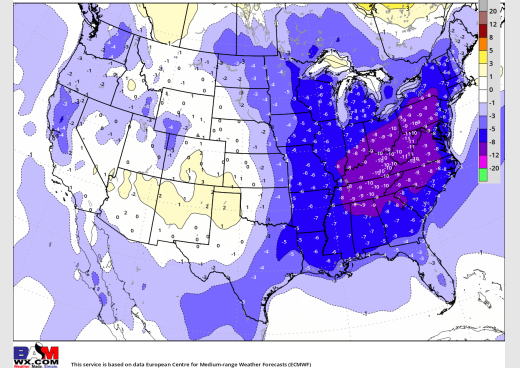
Low temps
Tuesday AM

Houston Pilots: 4/18/23

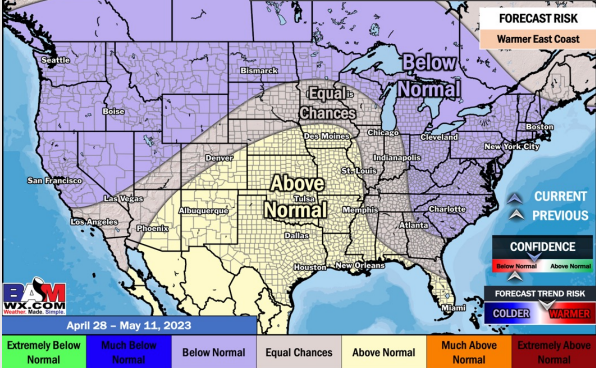
Next 7 Day Temperature Departure



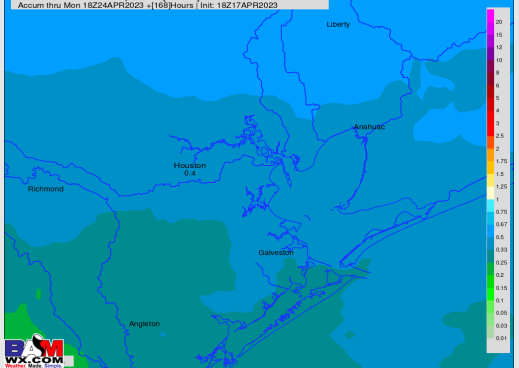
8-14 Day Temperature Departure



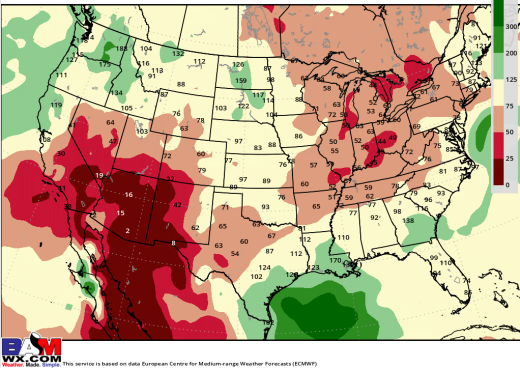
15-30 Day Temperature Departure



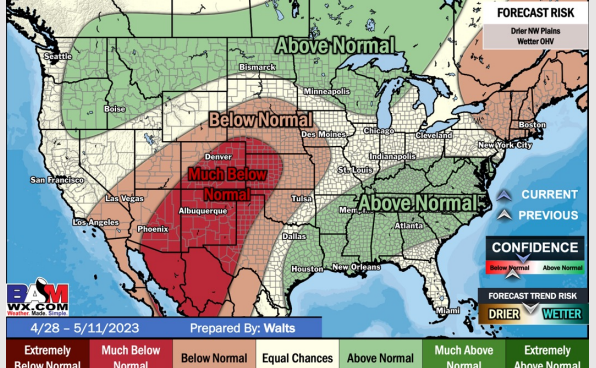
Next 7 Day Total Precipitation



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 to slightly above normal precipitation chances and below normal temperatures for the week 2 timeframe.
- Above normal temperatures and above normal chances for precipitation favored in the week 3/4 timeframe.