

Houston Pilots Forecast Package

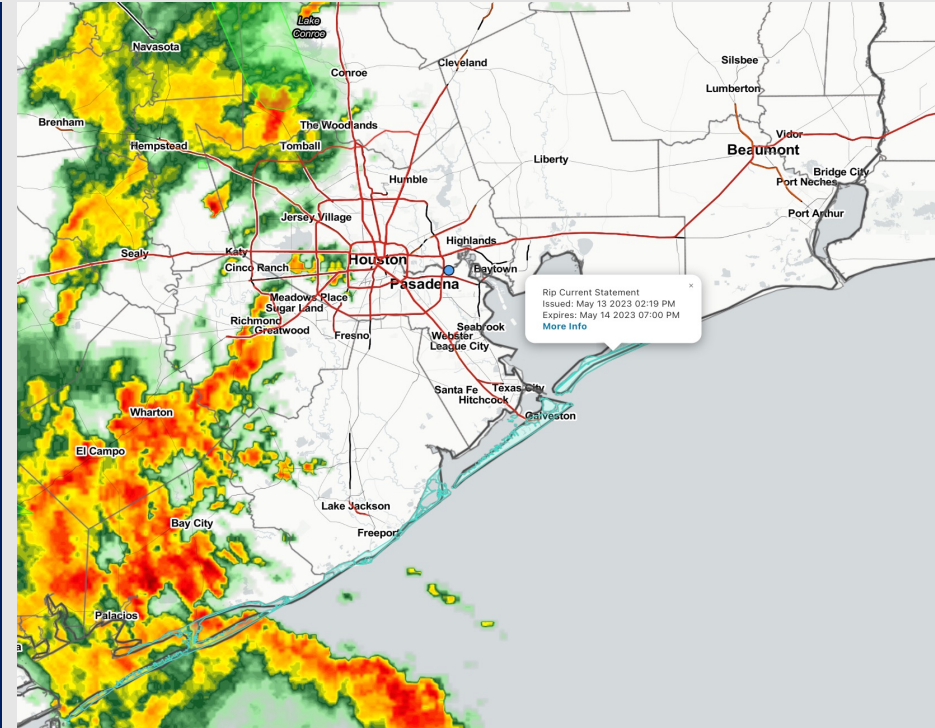


Updated: 4:15 AM CT
Sunday, May 14, 2023

Forecaster: John Kemper

Weather Headlines

- Multiple rounds of showers and thunderstorms anticipated today, with PM periods of Monday and Tuesday with the best chances.
- Periods of elevated winds are likely for the early this evening as sustained winds at the Boarding Station are favored to pick up to around the 17 – 22 kt range with gusts up to 30 - 35 kts.
- Threats for sea fog formation look very low with no strong signals over the next several days.



Radar/NWS Alerts: 4:00 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



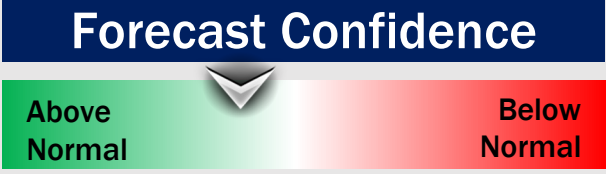
Wednesday 5/17/23

Not anticipating any sea fog concerns at this time.



Thursday 5/18/23

No anticipating any sea fog concerns at this time.



Friday 5/19/23

Not anticipating sea any fog concerns at this time.



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)



Forecast Confidence



Time	Sun 2am	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
610 Bridge	5	5	6	6	6	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	6	6	4	4	3	4	7	10	10	10	10
Kinder 1	5	5	6	6	6	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6	6	6	4	4	3	4	7	10	10	10	10
Greens Bayou	6	7	8	8	8	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	6	6	5	4	3	4	8	10	10	10	10
Shell Crude	6	7	8	8	9	4	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	6	5	4	3	4	8	10	10	10	10	
Lynchburg Ferries	7	9	9	9	9	5	6	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	7	7	6	5	4	5	8	10	10	10	10
Exxon 3	9	10	10	9	10	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	6	5	3	4	8	10	10	10	10
Morgans Point	10	10	10	10	10	6	9	10	10	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	8	8	8	7	7	7	8	10	10	10	10
75/76	10	10	10	10	10	6	9	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
63/64	10	10	10	10	10	6	9	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
51/52	10	10	10	10	10	6	9	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10
37/38	10	10	10	10	10	6	7	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	10
25/26	10	10	10	10	10	6	7	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10	10	10
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1 & 2 Bravo	10	10	10	10	10	9	7	10	10	10	10	10	10	10	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	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	Sun 2am	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
610 Bridge	1 SE	2 SSE	3 ENE	2 NE	2 ENE	3 ENE	2 E	5 SE	8 ESE	10 SE	9 SE	8 SE	7 SE	4 SW	4 SSE	4 SE	8 SE	6 SE	5 ESE	5 ESE	4 E	4 E	4 E	4 E	4 E	3 ESE	3 ESE	3 E	3 E	3 E	3 E	4 ESE	5 SSE	4 SE	5 SE	4 SE
Kinder 1	2 ESE	3 N	11 E	5 NE	6 ENE	7 ENE	9 E	13 SE	15 ESE	18 SE	17 SE	16 SE	14 SE	12 SE	12 SE	12 SE	11 SE	9 SE	8 SE	6 SE	5 ESE	4 ESE	4 ESE	4 ESE	4 ESE	4 ESE	3 ESE	3 ESE	3 ESE	3 ESE	4 ESE	5 ESE	6 ESE	6 ESE	7 ESE	
Greens Bayou	2 E	5 SE	13 SW	3 SE	2 ENE	1 E	2 ESE	5 ESE	8 ESE	10 SE	10 SE	9 SE	7 SE	7 SE	9 SE	8 SE	6 SE	5 SE	4 SE	4 SE	4 SE	4 SE	4 SE	4 SE	4 SE	3 ESE	3 ESE	3 ESE	3 ESE	4 ESE	5 ESE	6 ESE	6 ESE	7 ESE		
Shell Crude	6 SSE	16 SSE	3 WSW	5 ENE	6 ENE	7 SE	10 SE	14 ESE	15 SE	17 SE	18 SE	16 SE	15 SE	14 SE	13 SE	13 SE	12 SE	11 SE	9 SE	8 SE	7 SE	7 SE	7 SE	7 SE	7 SE	6 ESE	6 ESE	5 ESE	6 ESE	6 ESE	5 ESE	6 ESE	6 ESE	7 ESE		
Lynchburg Ferries	2 ESE	4 SE	17 WNW	3 NNE	2 ENE	1 SE	2 SE	6 ESE	8 ESE	10 SE	11 SE	10 SE	8 SE	8 SE	10 SE	9 SE	8 SE	6 SE	5 SE	5 SE	5 SE	5 SE	5 SE	5 SE	5 SE	5 SE	4 ESE	4 ESE	4 ESE	4 ESE	4 ESE	5 ESE	5 ESE	5 ESE	5 ESE	
Exxon 3	3 ESE	6 SSE	2 S	3 E	3 E	3 SSE	4 SE	7 ESE	11 ESE	13 ESE	14 ESE	16 ESE	18 ESE	15 SE	14 SE	13 SE	10 SE	8 SE	9 SE	10 SE	10 SE	9 SE	7 SE	6 SE	6 SE	6 SE	6 SE	5 ESE	5 ESE	6 ESE	6 ESE	6 ESE	6 ESE	6 ESE	5 SE	5 SE
Morgans Point	6 ESE	14 SE	6 S	6 SSE	7 SE	7 E	8 SE	10 ESE	11 ESE	12 SE	13 SE	11 SE	11 SE	10 SE	11 SE	12 SE	12 SE	11 SE	10 SE	9 SE	8 SE	7 SE	8 SE	8 SE	8 SE	8 SE	7 SE	7 SE	6 SE	6 SE	6 SE	6 SE	7 SE	7 SE	7 SE	
75/76	13 SE	17 SSE	6 SSE	13 SE	12 SE	11 SE	13 SE	14 SE	14 SE	15 SE	16 SE	14 SE	15 SE	13 SE	14 SE	14 SE	14 SE	13 SE	11 SE	10 SE	10 SE	10 SE	10 SE	10 SE	10 SE	9 SE	9 SE	8 SE	8 SE	7 SE	7 SE	6 SE	7 SE	7 SE	7 SE	
63/64	20 SE	23 SE	17 SE	14 SE	13 SE	12 SE	13 SE	15 SE	16 SE	16 SE	18 SE	19 SE	17 SE	18 SE	16 SE	15 SE	14 SE	13 SE	11 SE	10 SE	10 SE	10 SE	10 SE	10 SE	10 SE	10 SE	9 SE	9 SE	8 SE	8 SE	7 SE	6 SE	7 SE	7 SE	7 SE	
51/52	21 ESE	25 ESE	15 SE	15 SE	12 SE	13 SE	13 SE	14 SE	15 SE	16 SE	16 SE	16 SE	16 SE	14 SE	15 SE	13 SE	14 SE	13 SE	12 SE	11 SE	10 SE	10 SE	10 SE	10 SE	10 SE	9 SE	8 SE	8 SE	8 SE	8 SE	7 SE	6 SE	7 SE	7 SE	7 SE	
37/38	16 ENE	22 ENE	19 SE	13 SE	11 SE	12 SE	13 SE	14 SE	14 SE	15 SE	14 SE	15 SE	14 SE	16 SE	14 SE	13 SE	12 SE	11 SE	11 SE	9 SE	9 SE	9 SE	9 SE	9 SE	9 SE	8 SE	8 SE	8 SE	8 SE	7 SE	6 SE	7 SE	7 SE	7 SE		
25/26	13 ENE	20 ENE	12 SE	11 SE	10 SE	11 SE	11 SE	13 SE	13 SE	14 SE	14 SE	13 SE	14 SE	14 SE	13 SE	11 SE	11 SE	10 SE	10 SE	8 SE	9 SE	9 SE	9 SE	9 SE	8 SE	8 SE	7 SE	7 SE	7 SE	6 SE	7 SE	7 SE	7 SE	7 SE		
11/12	16 ESE	22 ESE	20 SE	14 SE	11 SE	11 SE	12 SE	12 SE	13 SE	14 SE	14 SE	14 SE	13 SE	14 SE	13 SE	11 SE	11 SE	10 SE	10 SE	9 SE	9 SE	9 SE	9 SE	9 SE	8 SE	8 SE	7 SE	7 SE	7 SE	6 SE	7 SE	7 SE	7 SE	7 SE		
1 & 2 Bravo	19 SE	23 SE	16 SE	14 SE	13 SE	13 SE	14 SE	13 SE	14 SE	15 SE	15 SE	13 SE	13 SE	12 SE	12 SE	13 SE	13 SE	12 SE	12 SE	10 SE	10 SE	10 SE	10 SE	10 SE	10 SE	10 SE	9 SE	8 SE	8 SE	7 SE	7 SE	7 SE	7 SE	7 SE	7 SE	

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Houston Pilots: Sun. 5/14/2023



Forecast Discussion

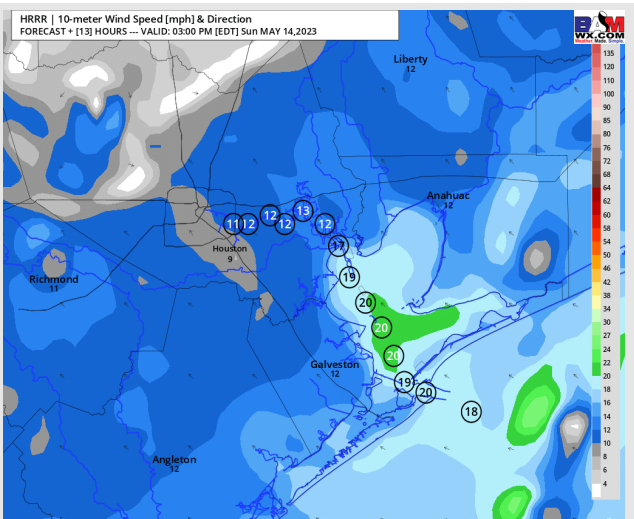
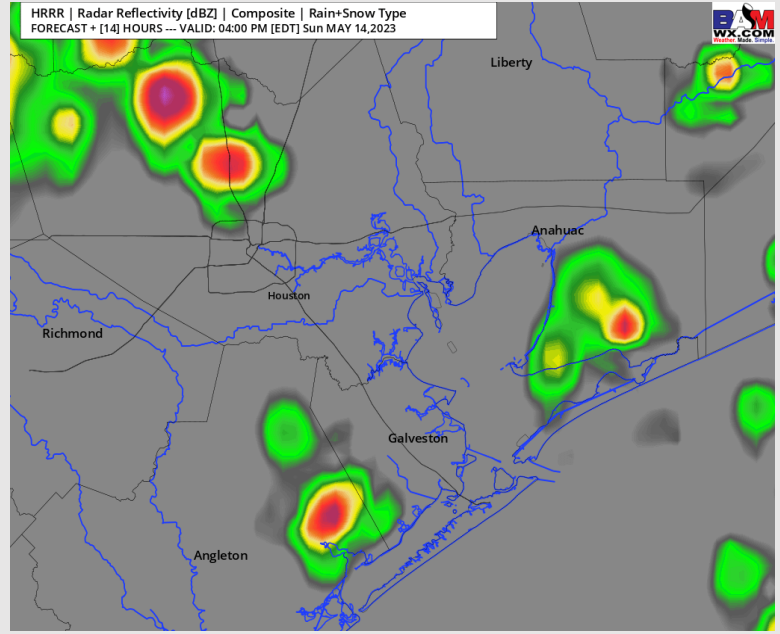
Precip: Anticipating scattered showers and storms to work over the area through most of the day, until around 7 PM, where chances will taper off. An isolated pop up or two can't be ruled out for the remainder of the evening.

Wind: Favoring winds to be out of the SE throughout today. Winds north of Morgan's Point in the 5-10 kts range while winds south of Morgan's Point at 17-22 kts. Around the lunch timeframe, winds N of Morgan's Point will elevate up towards 10-15 kts. **Gusts may reach 30-35 kts Sunday if a strong storm can impact stations.**

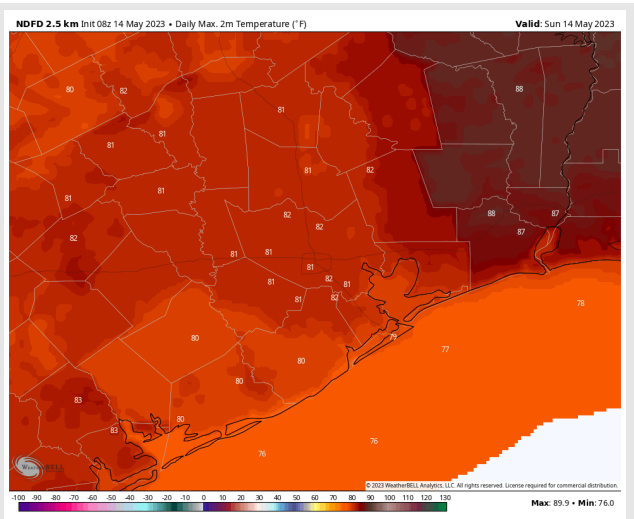
Temps: High temperatures today will be in the upper 70s F near the Boarding Station with all other locations being in the mid 80s F.

Visibility: Not anticipating any visibility concerns at this time via fog, but visibility could be reduced by locally heavier showers and storms.

Precip Image: 3 PM CT



Wind Speed:
2 PM CT



High Temps
Sunday

Houston Pilots: Mon. 5/15/2023



Forecast Discussion

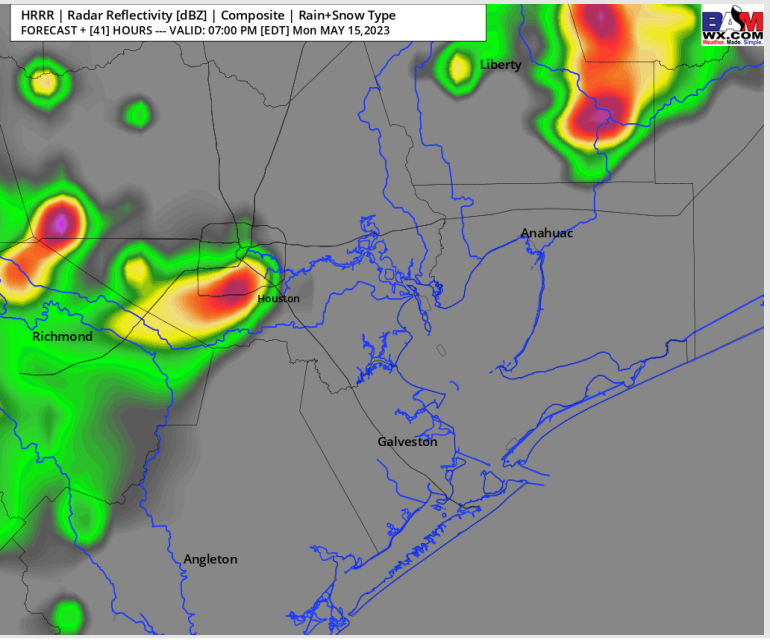
Precip: Favoring dry conditions throughout the morning Monday. After noon, scattered showers and storms are expected to work in which will likely last through the rest of the day. Best chance for a scattered storm or two will be from 4PM to 9PM. Favoring the heaviest of this rain to sit just North of Stations.

Wind: Favoring winds out of the ENE Monday morning at 3 – 8 kts. Winds will remain fairly calm through the day but will become variable getting into the late afternoon.

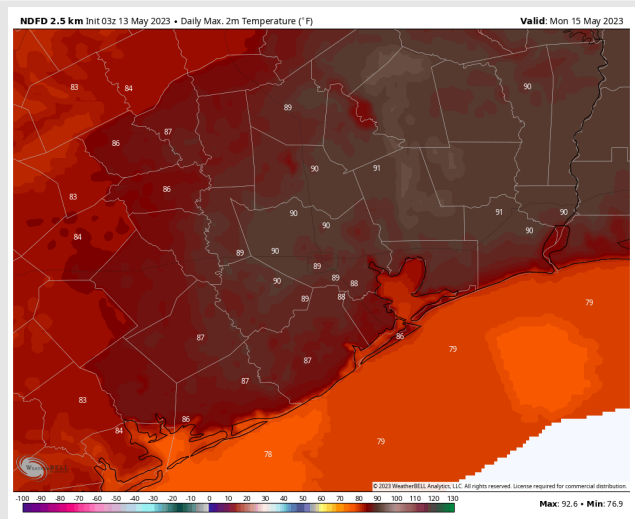
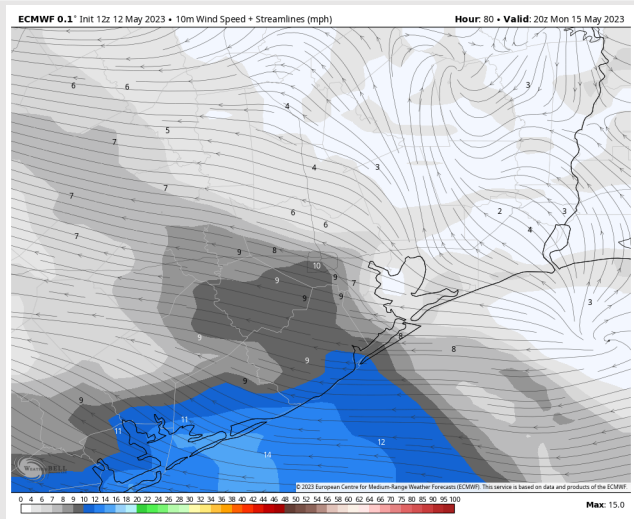
Temps: High temperatures Monday in the upper 70s F for stations south of Morgan’s Point and in the upper 80s F for stations N of Morgan’s Point.

Visibility: Model data picking up on a low end risk for radiation fog (primarily NE of stations N of Morgan’s Point) Monday morning. Calm winds, low level moisture from previous rain and lack of cloud cover for that area all support this potential radiation fog development.

Precip Image: 6 PM CT



Wind Speed:
3 PM CT



High Temps
Monday

Forecast Discussion

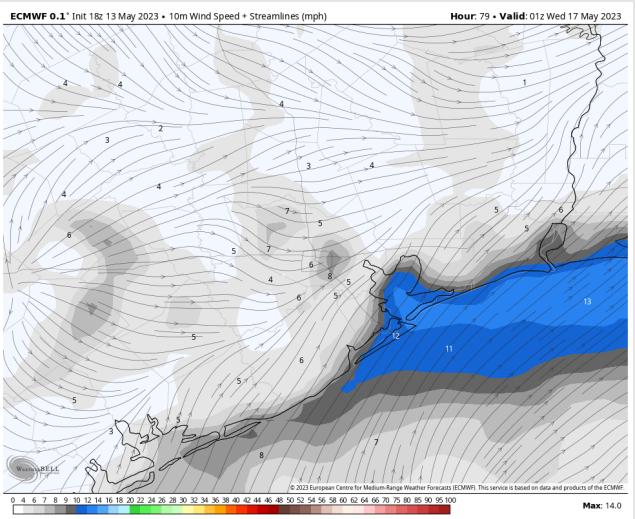
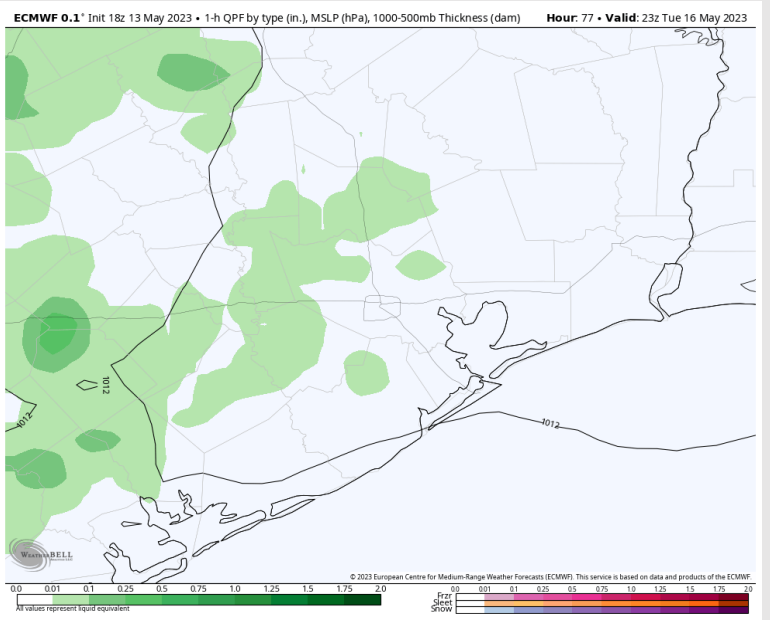
Precip: Favoring dry conditions through the morning Tuesday. After 12 PM, I would anticipate scattered showers and storms to begin working in where they will continue through the rest of the day.

Wind: Winds expected to be out of the NNW through the morning Tuesday before shifting out of the W around the 12 PM timeframe and then from the SW getting into the late evening. Sustained winds at 3-8 kts for all stations through most of the day with winds increasing to 10-15 kts for stations S of Morgan's Point through the afternoon. Gusts will near 18 kts.

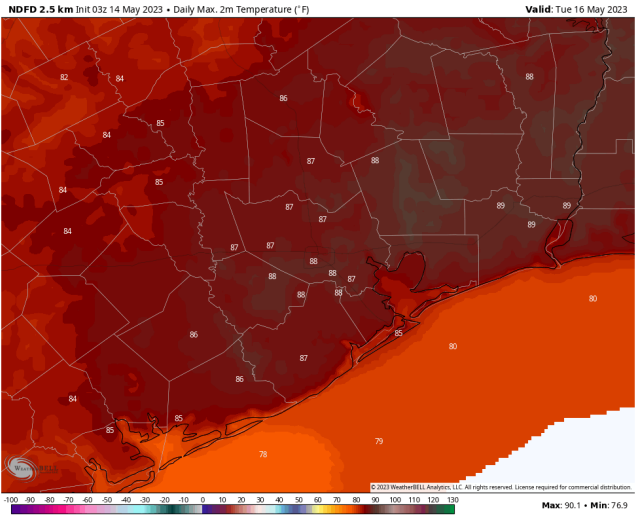
Temps: High temperature Tuesday near 80 F at the Boarding Station and in the upper 80s F at all other stations.

Visibility: Anticipating a risk for radiation fog Tuesday morning for stations N of Morgan's Point.

Precip Image: 6 PM CT



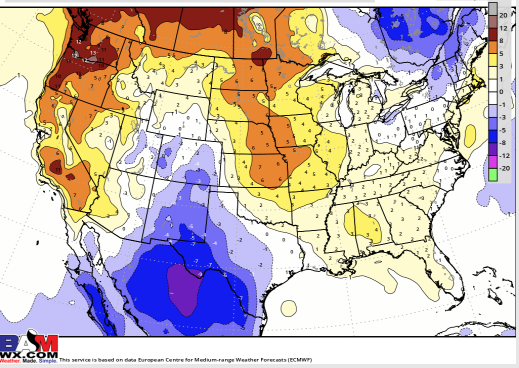
Wind Speed:
8 PM CT



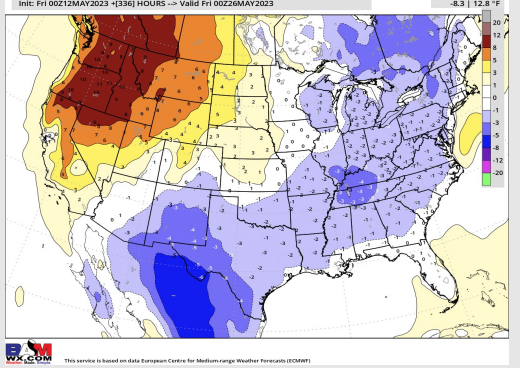
High Temp
Tuesday

Houston Pilots: 5/14/23

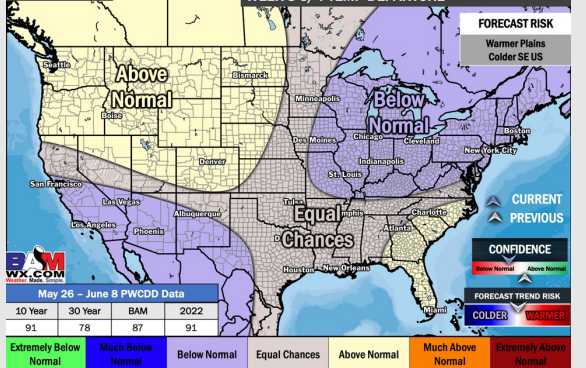
Next 7 Day Temperature Departure



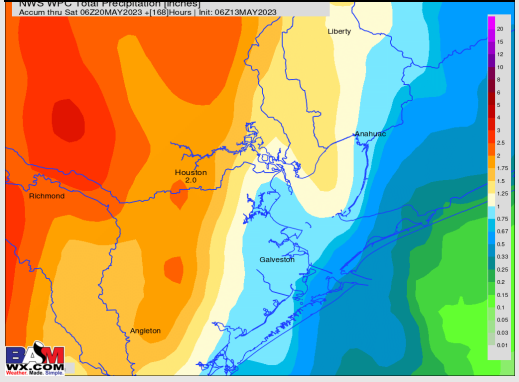
8-14 Day Temperature Departure



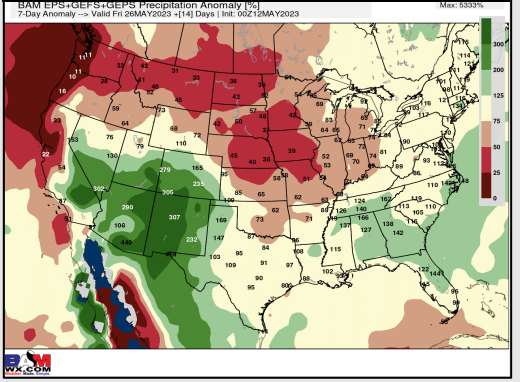
15-30 Day Temperature Departure



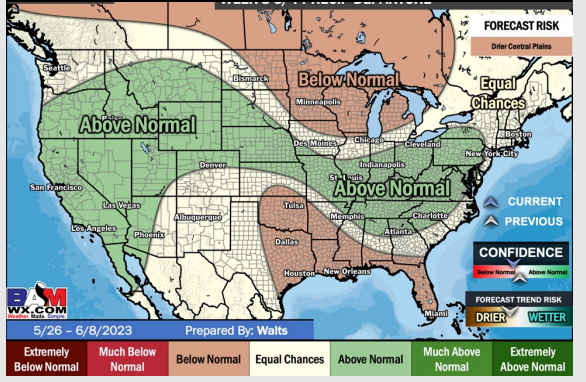
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Best precip overall looks to sit further northwest in Central TX, with this weekend holding the greatest rain risk. Temperatures slightly above normal for this time of year but starting to trend cooler.
- Expecting near normal precipitation chances and slightly below normal temperatures for the week 2 timeframe.
- Seasonable to below normal temperatures and seasonable to slightly below normal chances for precipitation are favored in the week 3/4 timeframe.