

Houston Pilots Forecast Package



Updated: 12:35 PM CT

Saturday, May 13, 2023

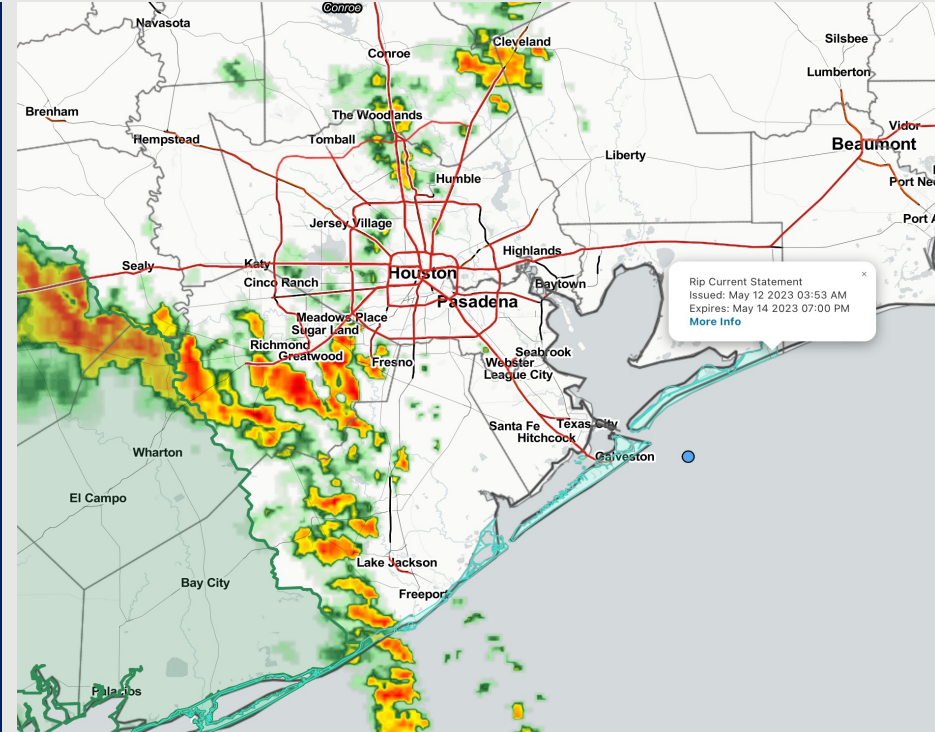
Forecaster: Alyssa McClung

Weather Headlines

➤ Watching for an active period of rounds of showers and thunderstorms over the next few days, check the daily slides below for more info on a few strong to severe storm threats to watch.

➤ 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 20 – 25 kt range with gusts up to 28 kts.

➤ Threats for sea fog formation look very low with no strong signals over the next several days.



Radar/NWS Alerts: 12:35 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



Tuesday 5/16/23

Low end risk for radiation fog for stations N of Morgan's Point Tuesday AM due to low level moisture, calm winds and lack of cloud cover.



Wednesday 5/17/23

Low end risk for radiation fog for stations N of Morgan's Point Tuesday AM due to low level moisture, calm winds and lack of cloud cover.



Thursday 5/18/23

Not anticipating sea any fog concerns at this time.



Chance for Reduced Visibility

Tuesday AM	Possible
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	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				
610 Bridge	9	10	10	10	10	10	6	3	5	7	9	9	8	9	10	9	8	6	6	4	5	5	6	6	6	6	6	7	7	7	7	7	7	10	10	8				
Kinder 1	9	10	10	10	10	10	8	3	5	6	8	8	9	9	9	9	8	6	6	4	5	5	6	6	6	6	6	7	8	7	7	7	7	10	10	8				
Greens Bayou	10	10	10	10	10	10	10	5	6	5	9	10	10	10	10	10	9	7	6	4	5	6	6	6	6	8	7	8	7	9	9	8	8	8	8	10	10	10		
Shell Crude	10	10	10	10	10	10	10	5	6	5	9	10	10	10	10	10	9	7	6	4	5	6	6	6	6	8	7	8	7	9	9	8	8	9	10	10	10			
Lynchburg Ferries	10	10	10	10	10	10	10	7	6	4	9	10	10	10	10	10	8	8	7	5	6	7	7	7	7	8	9	9	8	9	9	8	8	8	9	9	9	9		
Exxon 3	10	10	10	10	10	10	10	8	6	4	10	10	10	10	10	10	9	7	6	4	5	6	6	6	6	8	7	9	7	9	10	9	8	10	10	10	10			
Morgans Point	10	10	10	10	10	10	10	8	6	4	10	10	10	10	10	10	9	8	8	7	7	8	8	8	8	8	8	8	9	8	9	9	9	8	9	9	9	9		
75/76	8	10	10	10	8	10	8	8	4	4	10	10	10	8	10	9	8	8	8	8	8	8	8	8	8	8	8	8	9	9	10	9	8	8	8	8	8	8		
63/64	7	9	10	8	7	9	8	8	4	4	7	8	9	8	9	9	8	8	8	8	8	8	8	8	8	8	8	8	9	9	10	8	8	8	8	8	8	8		
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37/38	6	6	6	6	6	6	7	8	4	4	7	6	7	7	7	6	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	7	8	8	8	8	8	8	
25/26	6	6	6	6	6	6	6	6	5	5	7	6	7	6	7	6	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	6	8	8	8	8	8	8	8
11/12	6	6	6	6	6	6	6	6	4	5	7	6	6	6	6	6	8	8	8	8	8	8	8	8	8	8	8	8	9	9	8	6	8	8	8	8	8	8	8	8
1 & 2 Bravo	6	6	6	6	6	6	6	6	6	5	7	6	6	6	6	5	8	8	8	8	8	8	8	8	8	8	8	8	9	9	6	8	8	8	8	8	8	8	8	8

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Houston Pilots Wind Chart



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13
G:18
N

Time Knots	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	Sat 4pm	Sat 5pm	Sat 6pm	Sat 7pm	Sat 8pm	Sat 9pm	Sat 10pm	Sat 11pm	Sun 12am	Sun 1am	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	
610 Bridge	8	6	10	12	12	13	12	11	10	13	9	5	8	4	4	8	8	7	7	5	6	7	8	9	9	10	10	10	10	10	10	10	9	7	6	5	4
	SE	E	SE	SE	ESE	SE	ESE	ESE	ESE	SE	SSE	ESE	ENE	ENE	SSE	ESE	ESE	SE	SE	E	ESE	ESE	ESE	SE	SE	ESE	SE	ESE	ESE	ESE	SE	ESE	ESE	ESE	ESE	ESE	
Kinder 1	15	13	16	18	21	22	21	22	21	24	19	11	14	17	12	12	12	11	10	8	9	10	12	12	11	13	13	14	14	13	12	12	9	7	6	6	
	SE	ESE	SE	SE	SE	SE	ESE	ESE	ESE	SSE	ESE	ENE	ENE	SSE	ESE	ESE	SE	SE	E	ESE	ESE	ESE	ESE	SE	SE	ESE	SE	ESE	SE	ESE	ESE	ESE	ESE	ESE	ESE		
Greens Bayou	9	9	11	12	12	13	12	12	10	9	9	4	7	7	4	8	8	7	7	5	6	7	8	9	10	10	11	10	10	10	10	9	7	6	4	3	
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Shell Crude	10	10	11	12	13	13	13	12	11	10	10	5	7	8	4	8	8	7	7	6	6	7	8	9	10	10	11	11	11	11	11	10	9	7	6	4	4
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Lynchburg Ferries	9	10	11	12	13	13	12	12	10	10	9	5	5	8	5	9	9	8	7	7	7	9	9	10	11	11	11	11	11	11	11	10	8	6	5	5	
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Exxon 3	10	11	11	12	13	13	12	10	11	10	9	4	8	6	9	9	9	8	8	7	8	9	9	10	11	11	11	12	11	11	10	8	7	6	5		
	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	SSE	NNE	ENE	ENE	ESE	SE	SE	ESE	ESE	SE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE		
Morgans Point	13	13	13	13	15	16	16	13	14	12	10	5	9	10	11	11	11	10	9	9	9	9	10	11	11	12	12	13	13	13	13	12	10	8	7	7	
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75/76	16	16	15	16	18	19	20	22	19	18	15	7	8	14	14	14	14	14	13	12	11	11	12	13	13	13	14	15	15	14	15	15	13	11	9	9	
	SE	SE	SE	SE	SE	ESE	ESE	ESE	SE	SSW	SE	E	ENE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE		
63/64	16	16	15	16	18	19	20	22	20	19	14	7	10	15	13	15	15	15	13	12	12	12	13	14	14	14	15	15	14	15	15	14	15	13	11	9	9
	SE	SE	SE	SE	SE	ESE	ESE	ESE	ESE	SE	SSW	SSE	ESE	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE		
51/52	16	16	15	15	18	19	19	22	20	19	12	7	11	14	13	14	15	14	13	12	12	13	13	14	14	14	15	15	14	15	15	14	12	10	9	9	
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37/38	16	16	14	15	17	18	18	20	19	18	10	6	10	13	12	13	14	13	12	11	11	12	13	13	13	13	15	14	14	14	14	14	13	11	9	8	9
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25/26	15	15	13	13	15	17	17	18	17	16	11	5	9	11	12	12	12	10	10	10	11	12	12	12	13	13	13	13	13	12	11	9	8	8	8		
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11/12	15	15	14	13	14	17	17	19	17	15	4	4	8	12	15	12	12	12	11	10	10	11	12	12	12	12	13	13	13	12	11	10	9	8	8		
	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SSE	SE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE			
1 & 2 Bravo	15	16	15	13	14	17	19	22	19	19	18	5	11	17	17	14	14	14	14	12	12	12	12	13	13	14	13	14	14	13	14	13	12	10	10	9	
	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ESE	SE	SSE	SE	E	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	ESE	ESE	ESE	E		

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Houston Pilots: Sat. 5/13/2023



Forecast Discussion

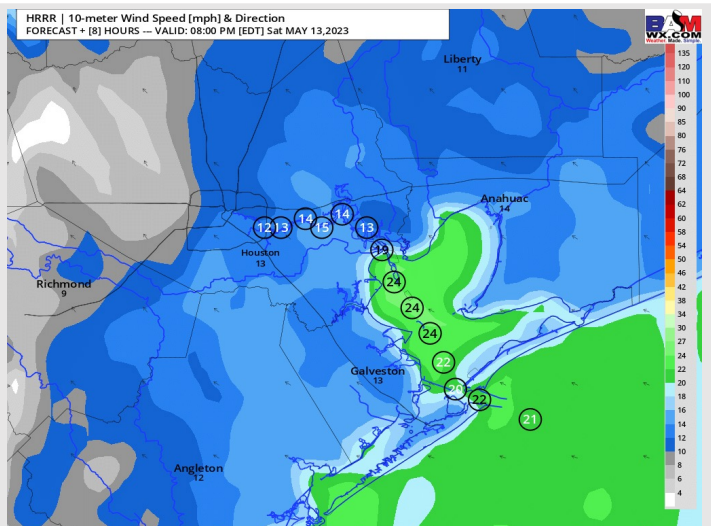
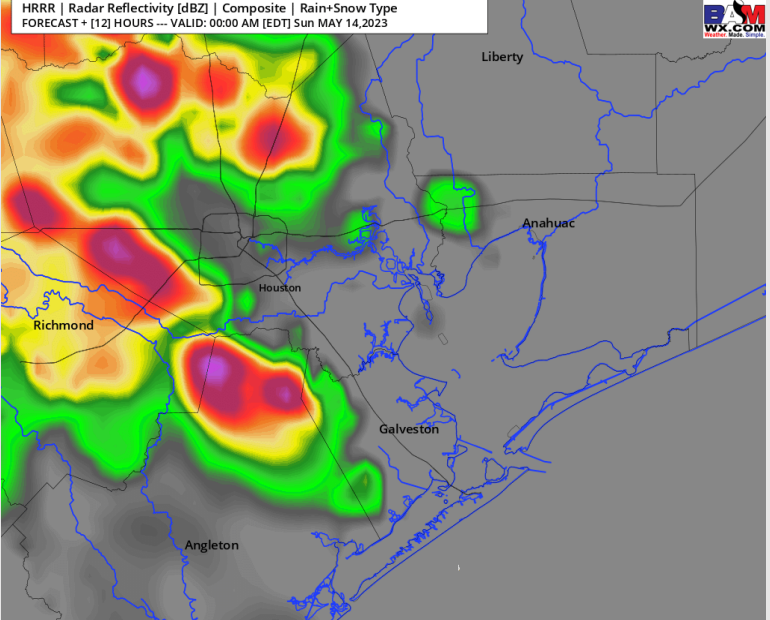
Precip: A few hit and miss showers and storms this afternoon as strong storms move through west of stations. After 10 PM, scattered storms will inch far enough east to impact stations north of Morgan's Point.

Wind: Favoring winds out of the ESE Saturday with winds N of Morgan's Point at 15 - 20 kts and winds S of Morgan's Point at 20 - 25 kts. Gusts up to 28+ kts cannot be ruled out this evening, locally higher in strong/severe storms.

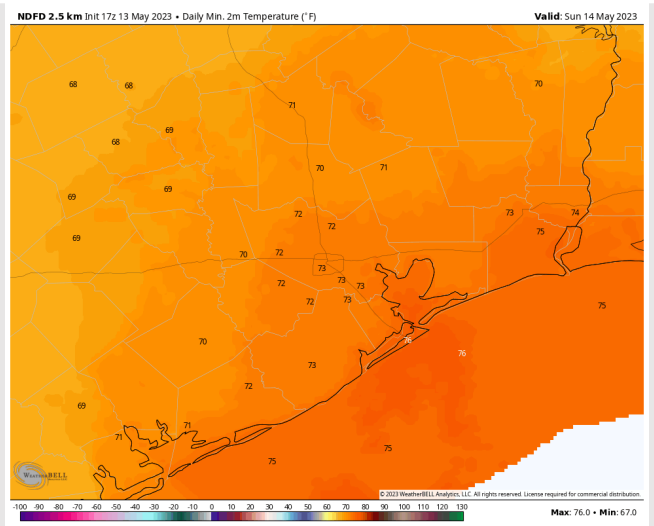
Temps: Low temperatures Sunday morning in the mid 70s F at the Boarding Stations and in the low 70s F at all other stations.

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

Precip Image: 11 PM CT



Wind Speed:
7 PM CT



Low Temps
Sunday AM

Houston Pilots: Sun. 5/14/2023



Forecast Discussion

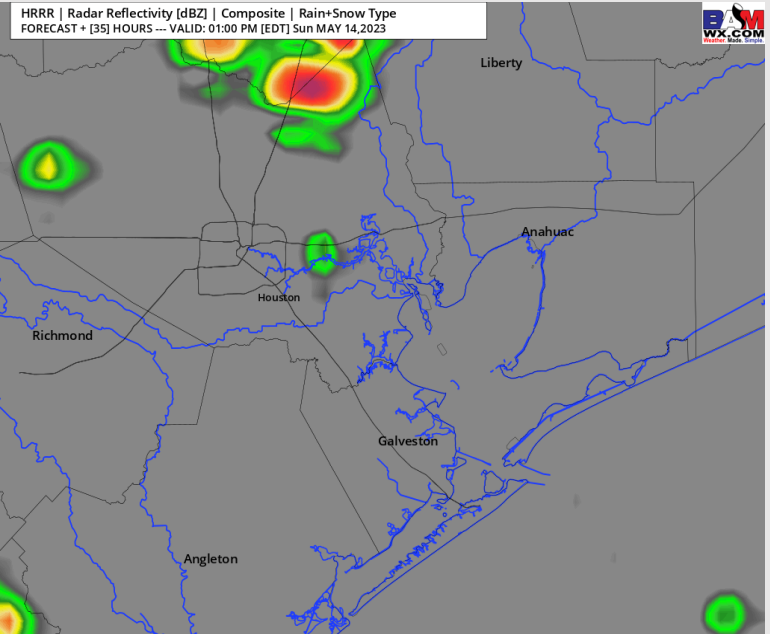
Precip: Anticipating scattered showers and storms to begin to work into the area through most of the day, until around 4 PM where chances will taper off, however a few isolated showers will still be possible through the rest of the evening.

Wind: Favoring winds to be out of the SE throughout Sunday. Winds north of Morgan's Point in the 5-10 kts range while winds south of Morgan's Point at 15-20 kts. Around the lunch timeframe, winds N of Morgan's Point will elevate up towards 10-15 kts. Gusts may reach 25 kts Sunday.

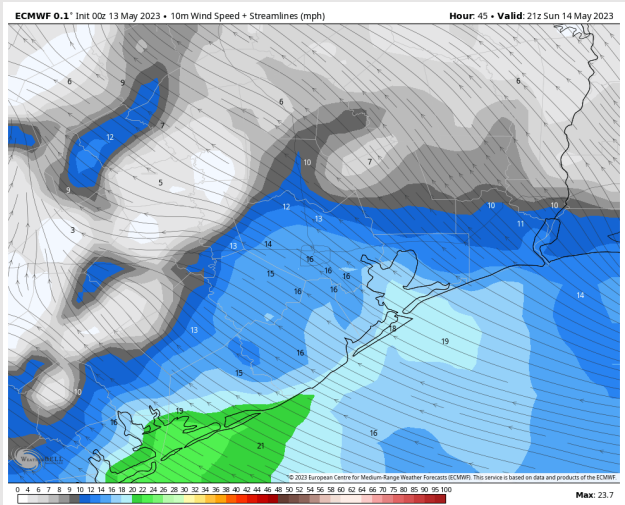
Temps: High temperatures Sunday will be in the upper 70s F near the Boarding Station with all other locations being in the mid 80s F.

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

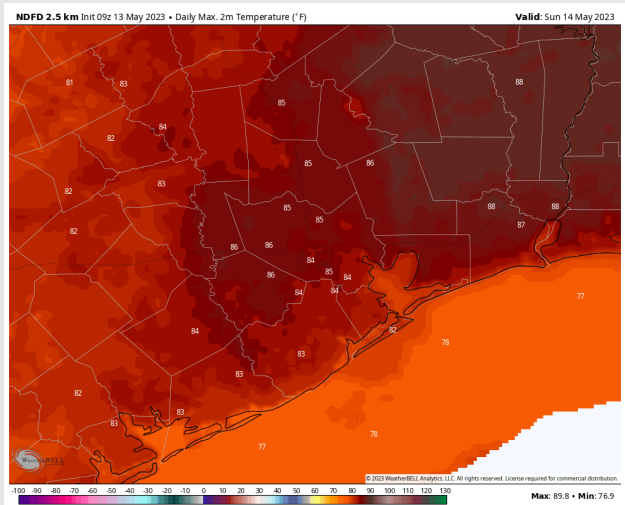
Precip Image: 12 PM CT



Wind Speed:
4 PM CT



High Temps
Sunday



Houston Pilots: Mon. 5/15/2023



Forecast Discussion

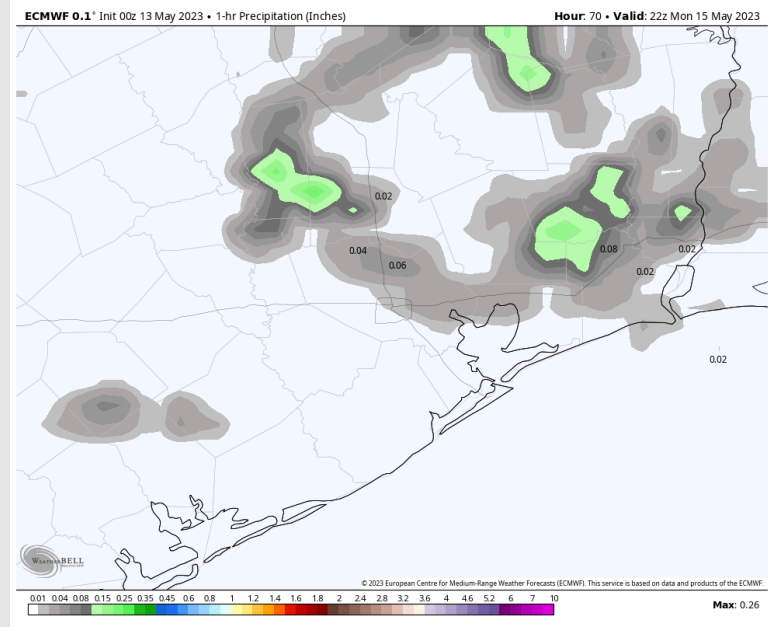
Precip: Favoring dry conditions throughout the morning Monday. After noon, scattered showers and storms are expected to work in which will likely last through the rest of the day. Favoring the heaviest of this rain to sit just North of Stations.

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.

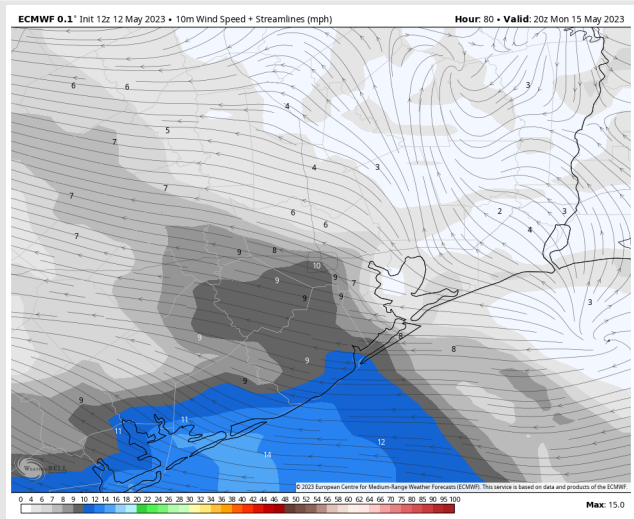
Temps: High temperatures Monday in the upper 70s F for stations south of Morgan’s Point and in the upper 80s F for stations N of Morgan’s Point.

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.

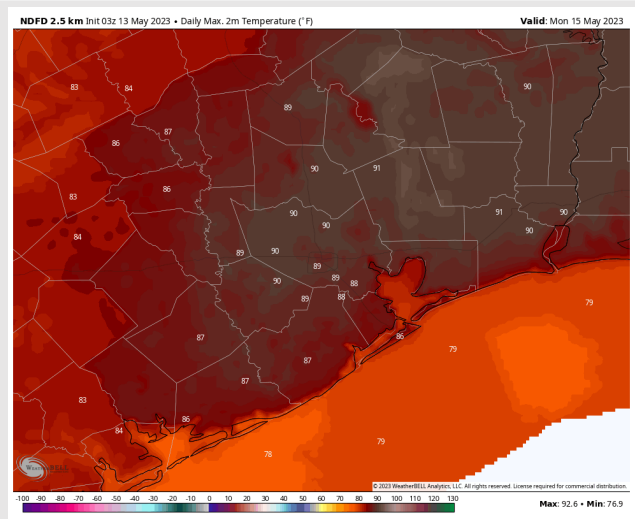
Precip Image: 5 PM CT



Wind Speed:
3 PM CT

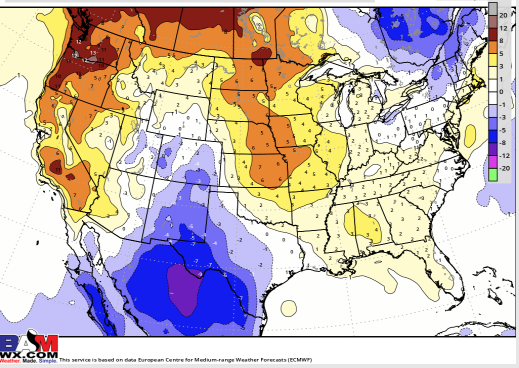


High Temps
Monday

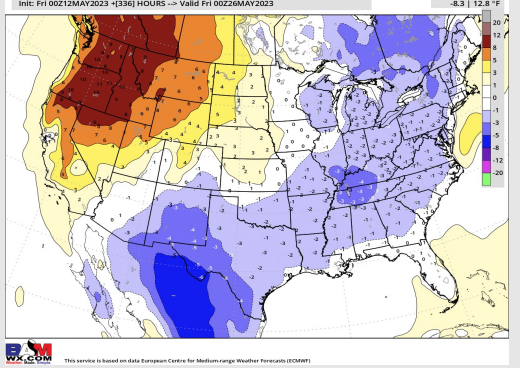


Houston Pilots: 5/13/23

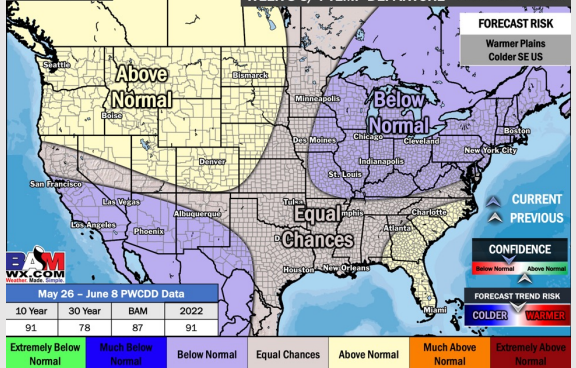
Next 7 Day Temperature Departure



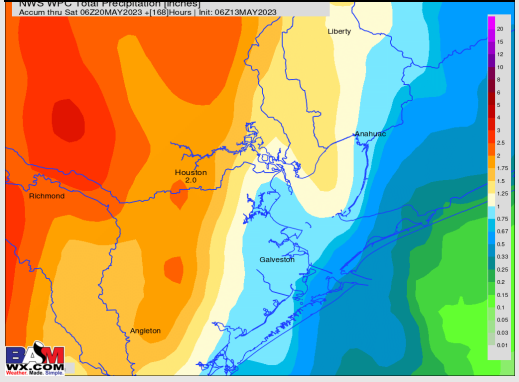
8-14 Day Temperature Departure



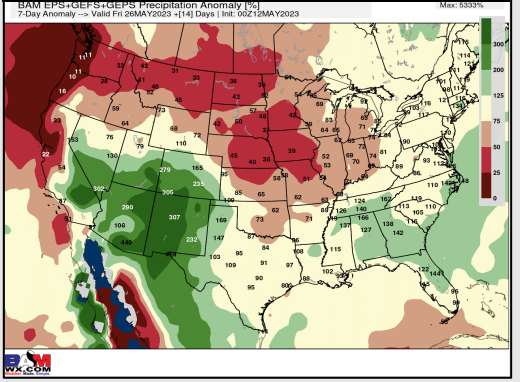
15-30 Day Temperature Departure



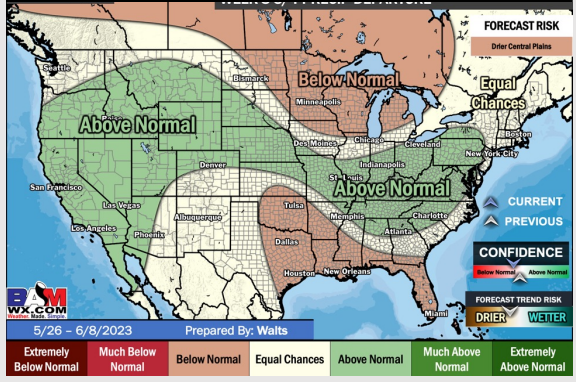
Next 7 Day Total Precipitation



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.