

Houston Pilots Forecast Package



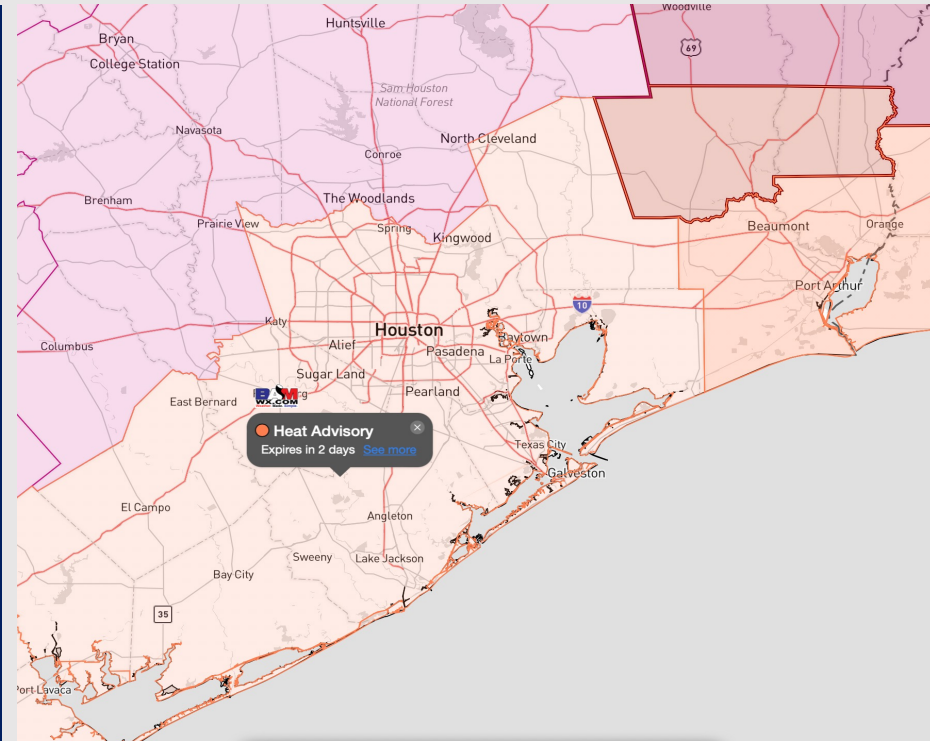
Updated: 5:00 AM CT

Friday, August 18, 2023

Forecaster: Vince Bryan

Weather Headlines

- A dry forecast is in store over the coming days with the highest chances of rain coming Tuesday.
- Afternoon “feels like” temps will continue to sit 103-108F across the area.
- **More on the slide below, but Tuesday needs watched for increased rain/wind potential pending track/intensity of a wave of energy moving through the Gulf.**



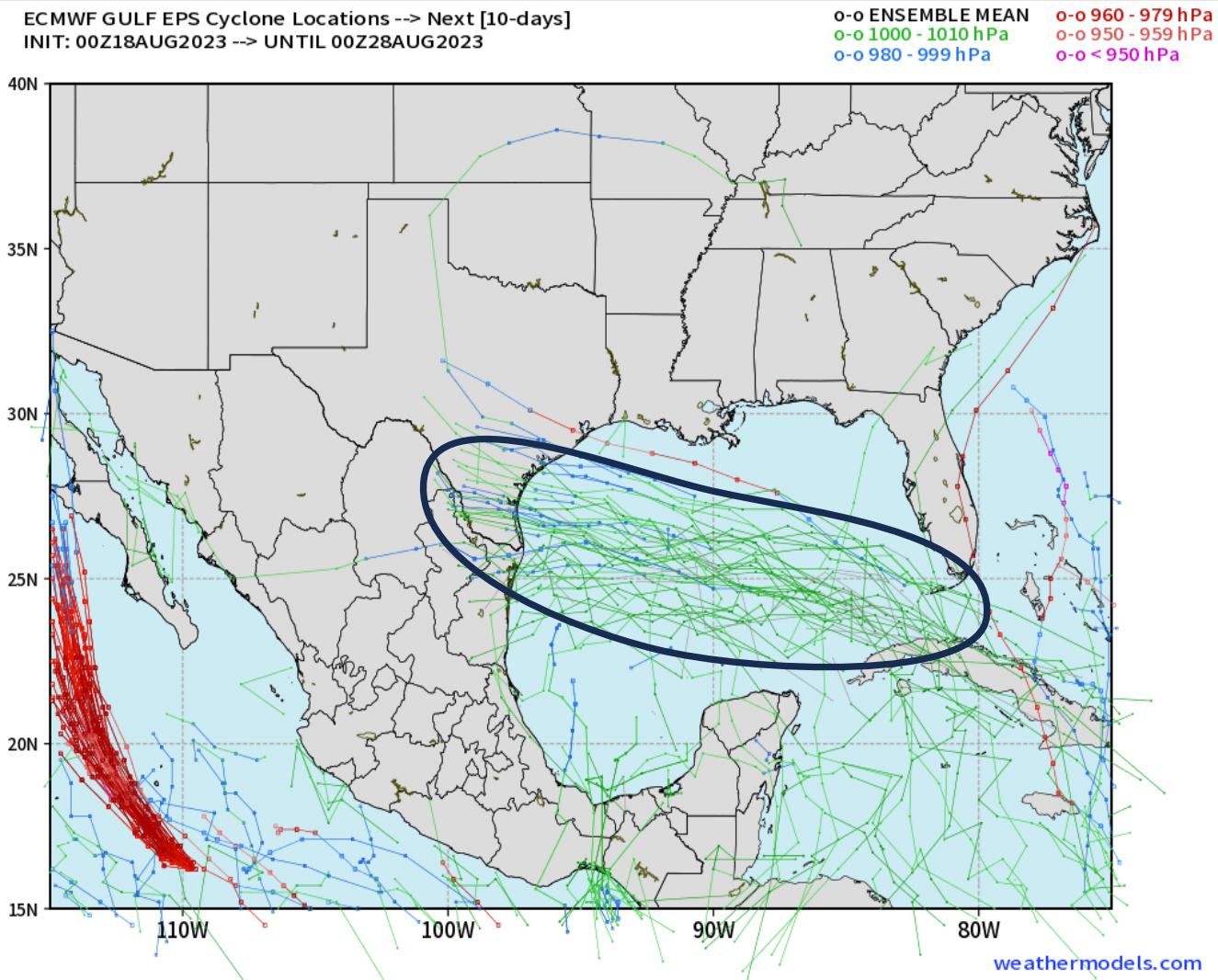
Radar/NWS Alerts: 5:00 AM CT



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 Tropical Update

European Low Pressure Tracks Next 10-Days



Data is still suggestive of a loosely organized round of precip / increased winds developing in the Eastern Gulf over the coming days and moving west toward the Western Gulf on ~Tuesday.

Latest thinking is for the bulk of this system to move through S TX, with the Houston area seeing the N fringes of this system.

Right now we are not in favor of this pocket of energy reaching hurricane status, with low confidence of it reaching Tropical Storm status.

Regardless, at this distance Tuesday does hold the potential for rain and sustained winds ~20-30 kts at the boarding (specifics to be ironed out).

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	
610 Bridge	10	10	6	4	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	6	10	10	10	10	10	10	10
Kinder 1	10	10	7	4	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	10	10	10	10	10	10	10
Greens Bayou	10	10	7	5	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	10	10	10	10	10	10	10
Shell Crude	10	10	8	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	10	10	10	10	10	10	10
Lynchburg Ferries	10	10	8	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	9	10	10	10	10	10	10	10
Exxon 3	10	10	10	6	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	10	10	10	10	10	10	10	10
Morgans Point	10	10	10	7	10	10	10	10	10	10	10	10	10	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	9	10	10	10	10	10	10	10	10	10	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	9	10	10	10	10	10	10	10	10	10	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	Fri 4am	Fri 5am	Fri 6am	Fri 7am	Fri 8am	Fri 9am	Fri 10am	Fri 11am	Fri 12pm	Fri 1pm	Fri 2pm	Fri 3pm	Fri 4pm	Fri 5pm	Fri 6pm	Fri 7pm	Fri 8pm	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm	Sat 2pm	Sat 3pm	
610 Bridge	5	4	3	3	4	5	5	4	3	3	4	5	6	8	9	10	9	8	8	7	6	6	5	5	4	3	4	4	4	4	4	4	3	4	5		
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Kinder 1	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	SW	S	SSE	SE	SE	SSE	SSE	SSE	S	S	S	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	W	WSW	WSW	WSW	S	SSE	SE		
	5	4	3	3	4	5	5	4	3	3	4	6	7	8	9	10	9	8	8	7	6	6	5	5	4	3	2	4	4	4	4	4	3	4	5		
Greens Bayou	7	6	5	4	6	7	7	6	5	4	6	8	10	11	12	12	13	12	12	10	9	9	8	7	6	5	4	6	7	7	6	5	5	6	8		
	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	SW	S	SSE	SE	SE	SSE	SSE	SSE	S	S	S	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	W	WSW	WSW	WSW	S	SSE	SE		
Shell Crude	4	4	3	3	4	5	5	4	3	2	4	6	7	9	9	10	9	8	8	7	6	6	5	5	4	3	3	4	4	4	4	4	3	3	4	6	
	7	6	5	4	6	7	7	6	4	4	6	8	10	11	12	12	13	12	12	10	9	9	8	7	6	5	4	6	7	7	6	5	5	7	8		
Lynchburg Ferries	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	SW	S	SSE	SE	SE	SSE	SSE	SSE	S	S	S	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	W	WSW	WSW	WSW	S	SSE	SE		
	4	4	3	3	4	5	5	4	3	3	4	7	8	9	10	10	9	8	8	7	6	6	5	5	4	3	3	4	5	4	4	3	3	5	6		
Exxon 3	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	SW	S	SSE	SE	SE	SSE	SSE	SSE	S	S	S	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	W	WSW	WSW	WSW	S	SSE	SE		
	6	5	4	4	5	5	5	4	4	4	6	9	10	11	12	11	10	10	9	8	7	7	6	6	5	4	5	5	5	4	4	4	4	6	8		
Morgans Point	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	SSW	S	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	WSW	WSW	WSW	S	SSE	SE			
	8	7	6	6	7	7	7	6	5	5	6	8	10	11	13	13	12	11	10	9	9	8	8	7	7	6	5	5	6	5	4	4	5	7	9		
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51/52	8	8	7	7	7	7	6	4	4	5	7	10	11	13	14	14	13	12	12	11	10	10	9	9	8	7	7	7	7	6	4	4	5	7	9		
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11/12	8	7	6	7	7	7	6	5	5	6	7	8	9	9	9	10	9	9	9	9	9	9	8	8	8	7	7	7	6	5	4	5	6	7	8		
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1 & 2 Bravo	10	9	9	8	8	7	6	6	4	4	5	7	8	9	10	10	10	10	10	10	10	10	10	9	9	9	9	8	8	8	6	5	4	4	5	6	
	SSW	SW	SW	SW	WSW	WSW	WSW	WSW	SW	SSW	S	S	S	S	S	S	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	SW	S	S	S	

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Houston Pilots: Fri. 8/18/2023



Forecast Discussion

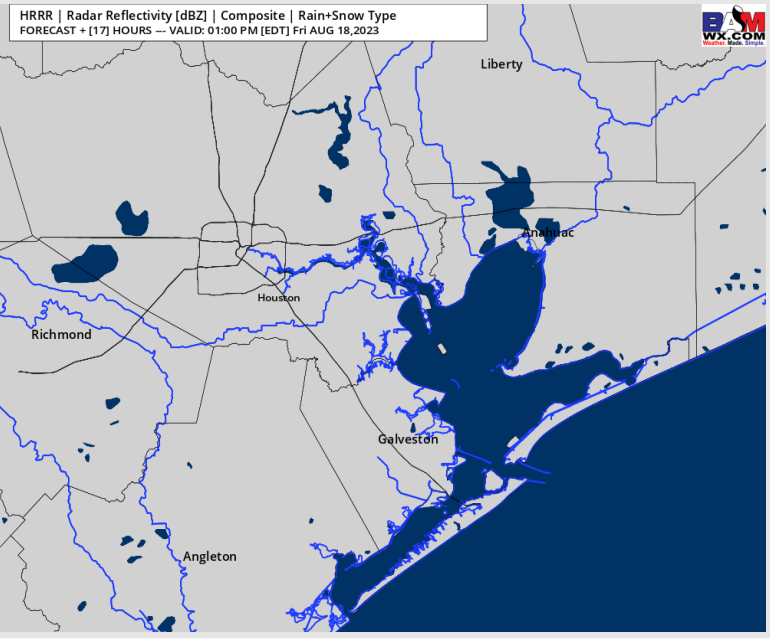
Precip: Dry conditions today.

Wind: Winds will be out of the SW/SSW for all stations throughout the day. **N of Morgan's Point:** 3-8 kts through 3 PM, increasing to 6-11 kts for the remainder of the day. **S of Morgan's Point:** Speeds will be 10-15 kts through 10 AM. After this time, winds will decrease to 3-8 kts through 3 PM, before increasing to 12-17 kts for the rest of the evening (gusts 15-20 kts at the boarding station possible).

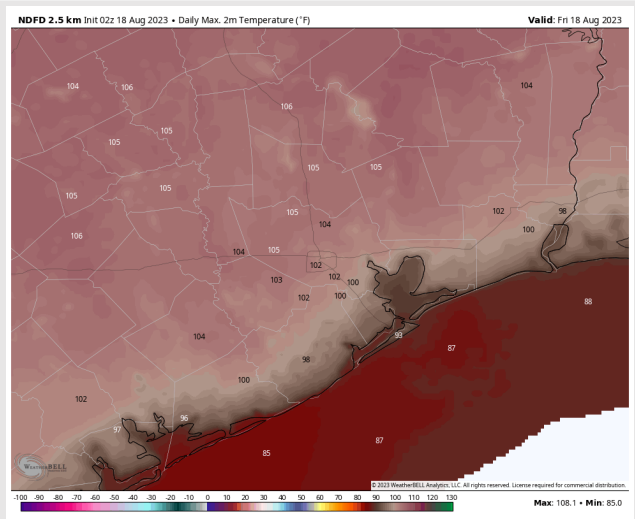
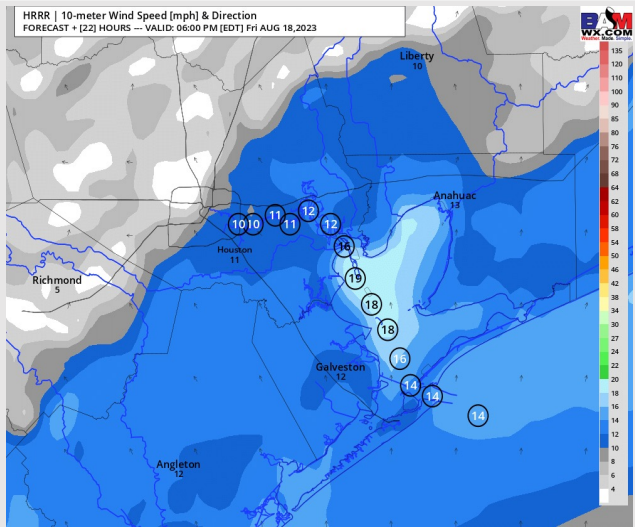
High Temps: **S of Morgan's Point:** Low/mid 90s. **N of Morgan's Point:** Upper 90s/low 100s F

Visibility: No visibility issues.

Precip Image: 12 PM CT



Wind Speed:
5 PM CT



High Temps
Today

Houston Pilots: Sat. 8/19/2023



Forecast Discussion

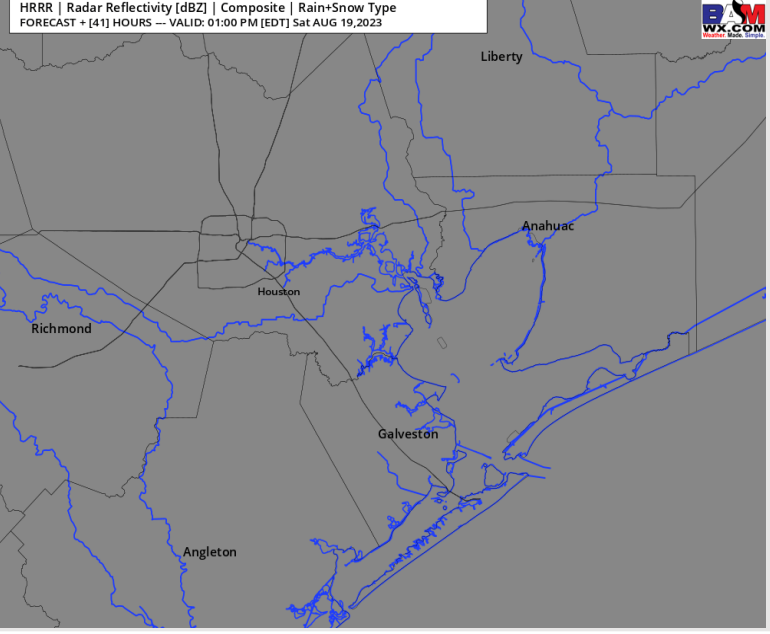
Precip: Saturday is expected to stay dry.

Wind: Winds will be out of the SW through the AM before turning more out of the S after 1 PM. **N of Morgan's Point:** 4-9 kts through 5 PM before increasing to 7- 12kts the rest of the day. **S of Morgan's Point:** 10-15 kts through 10 AM. After this time, winds will decrease to 4-9 kts through 3 PM, before increasing to 12-17 kts for the rest of the evening (gusts 15-20 kts possible at the boarding station).

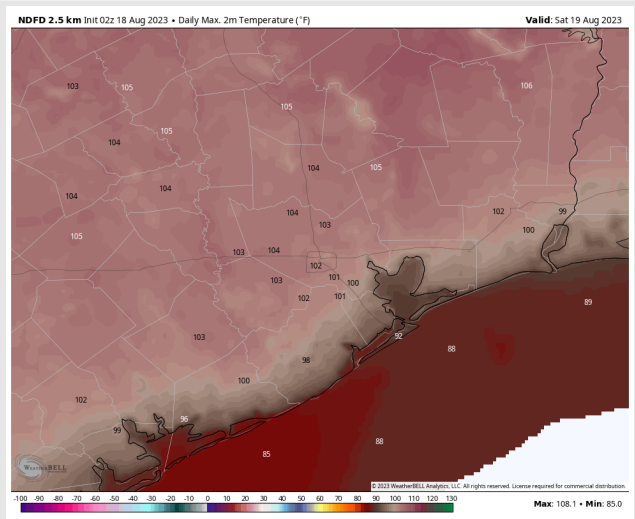
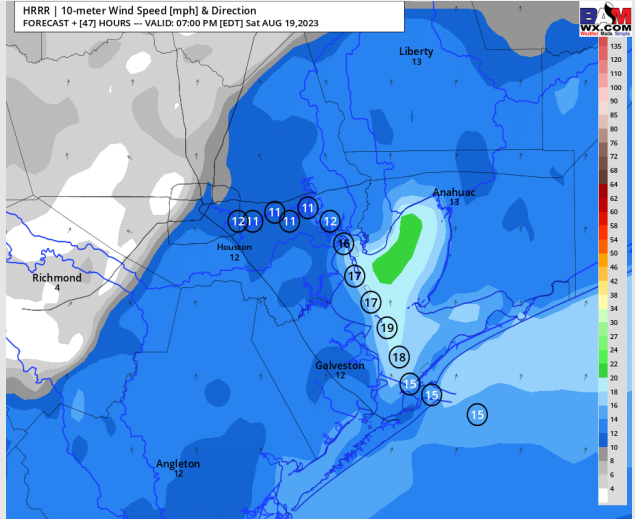
High Temps: **S of Morgan's Point:** Low/mid 90s F. **N of Morgan's Point:** Upper 90s/low 100s F.

Visibility: Not visibility concerns.

Precip Image: 12 PM CT



Wind Speed:
6 PM CT



High Temps
Saturday

Houston Pilots: Sun. 8/20/2023



Forecast Discussion

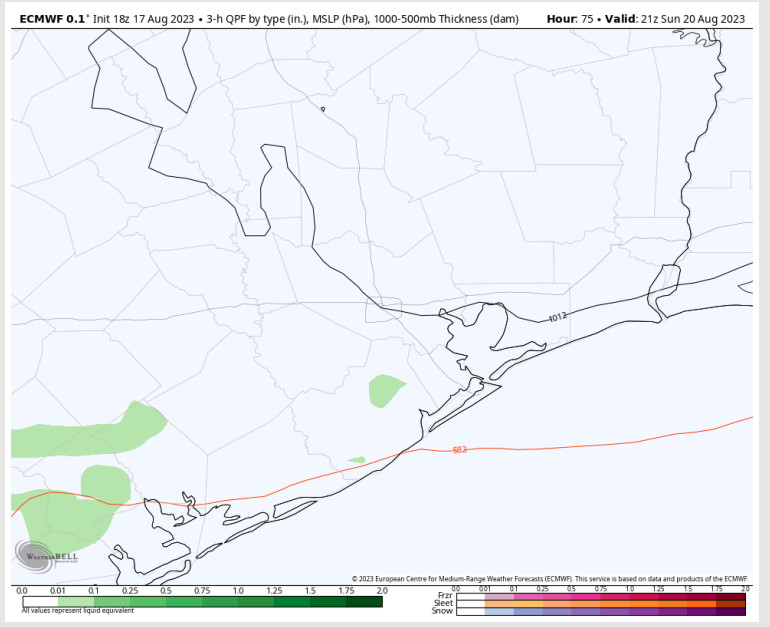
Precip: Dry weather favored (isolated 10% chance between 3-5 PM).

Wind: Winds transition from out of the SW to NW throughout the morning SUN before becoming variable by noon. After 3 PM, winds will be out of the SW the rest of the day. **N of Morgan's Point:** 3-8 kts until 6 PM, increasing to 7-12 kts for the remainder of the evening. **S of Morgan's Point:** 12-17 kts until 6 AM, then decreasing to 6-11 kts through 6 PM. After 6 PM, winds increase to 10-15 kts remainder of the day.

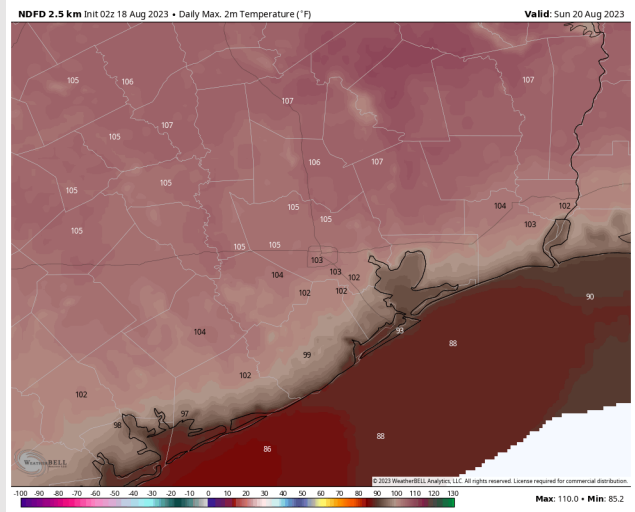
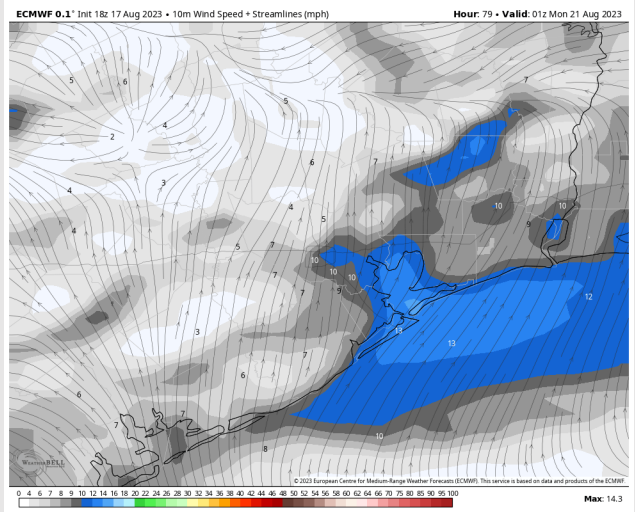
High Temps: **S of Morgan's Point:** Low/mid 90s F. **N of Morgan's Point:** Upper 90s/low 100s F.

Visibility: Not anticipating any visibility concerns.

Precip Image: 4 PM CT

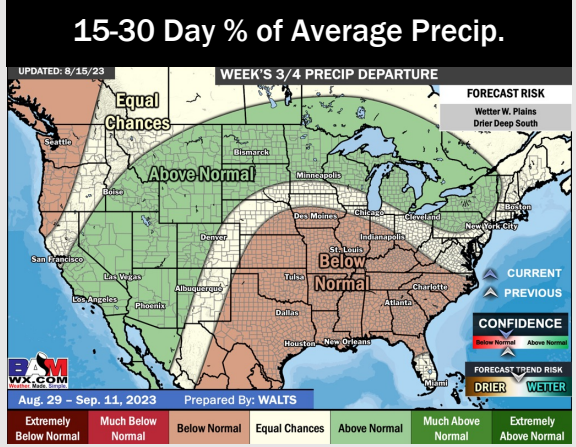
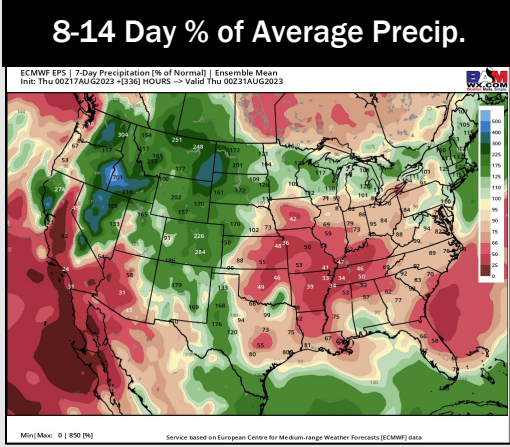
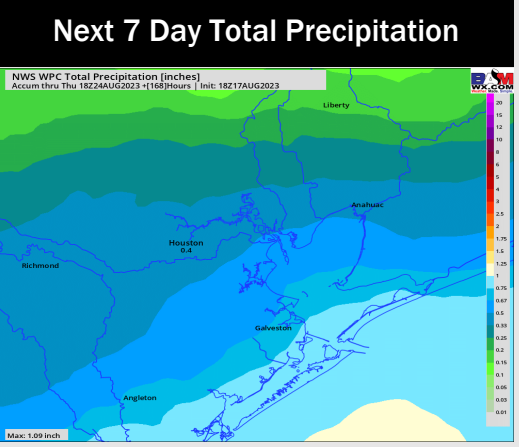
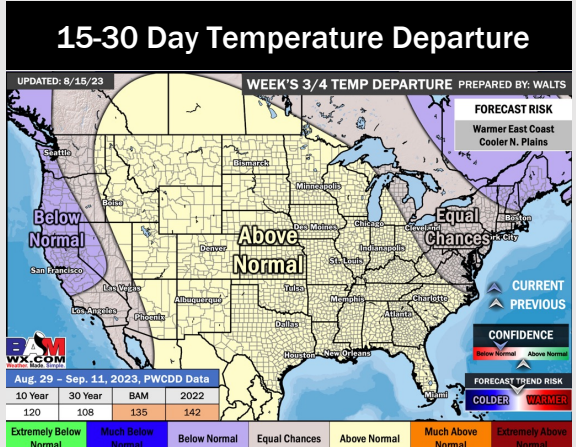
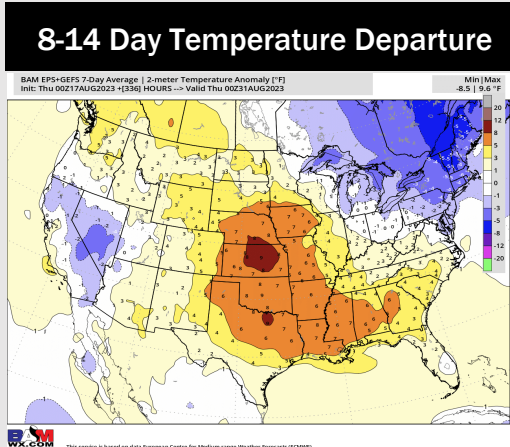
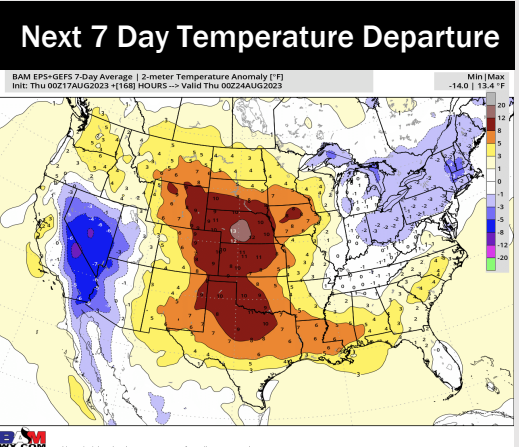


Wind Speed:
8 PM CT



High Temps
SUN

Houston Pilots: 8/18/23



- Next Tuesday will be the “best” precip chance over the next several days with most of the next several days staying dry. Heavy rain looks to be possible with Tuesday’s wave of activity pending track of the system.
- Expecting near normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Above normal temperatures and below normal chances for precipitation are favored in the weeks ¾ timeframe.