

Houston Pilots Forecast Package



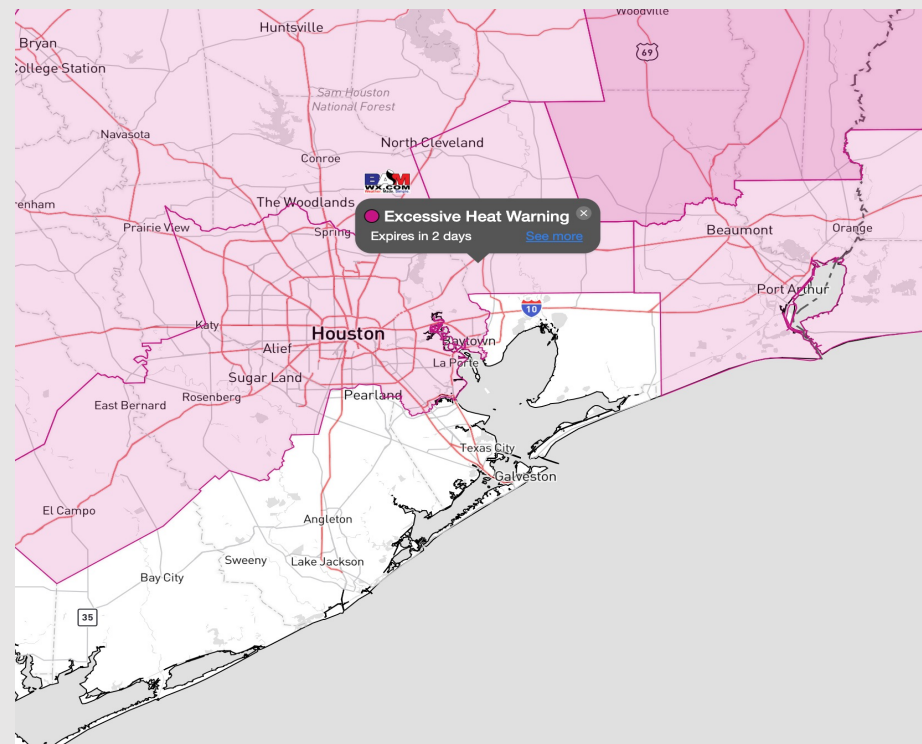
Updated: 5:00 AM CT

Saturday, August 19, 2023

Forecaster: Josh Collins

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.

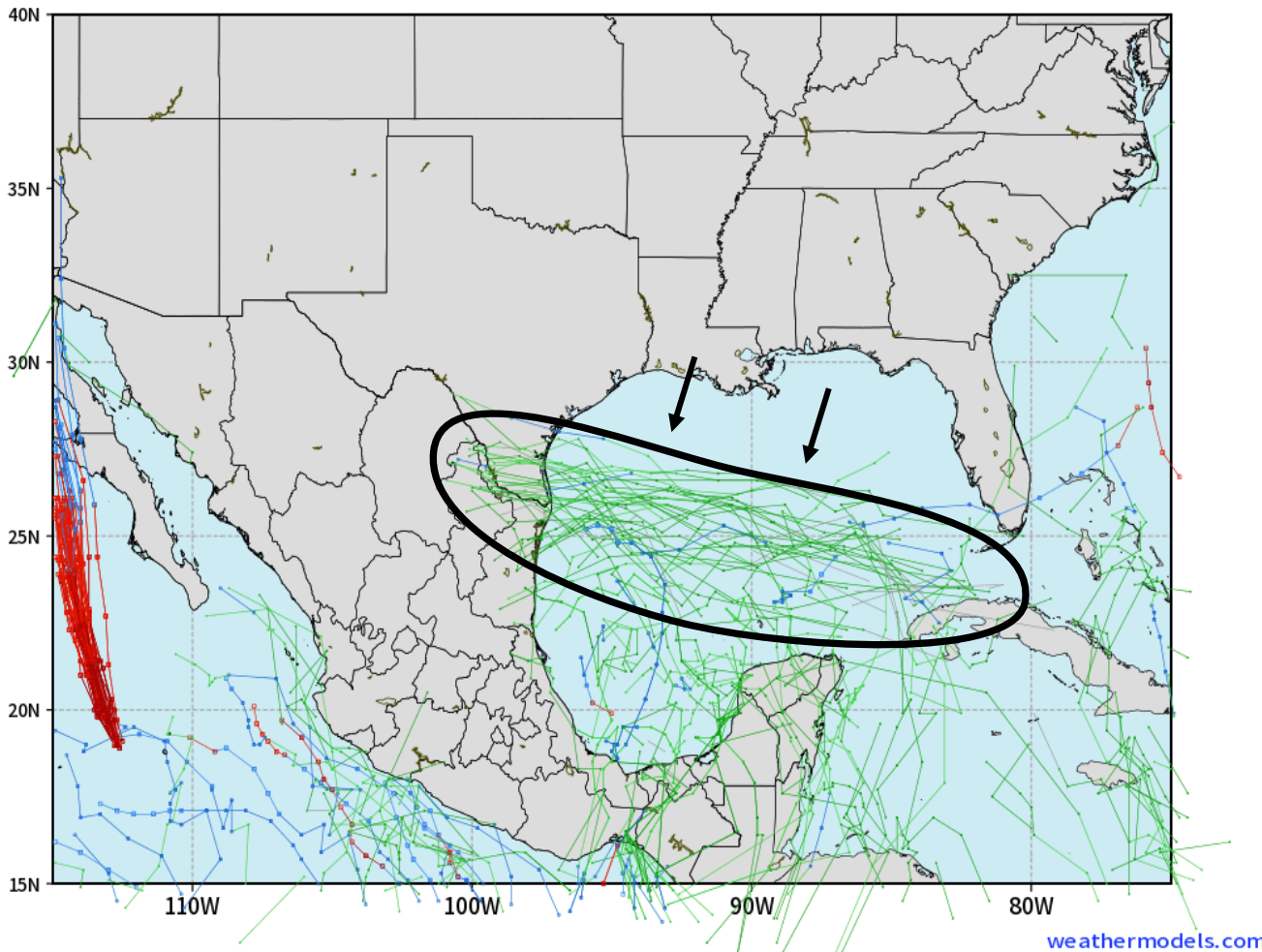
Houston Pilots Tropical Update

European Low-Pressure Tracks Next 10-Days

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 00Z19AUG2023 --> UNTIL 00Z29AUG2023

o-o ENSEMBLE MEAN
o-o 1000 - 1010 hPa
o-o 980 - 999 hPa

o-o 960 - 979 hPa
o-o 950 - 959 hPa
o-o < 950 hPa



Data continues to support organized rounds 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.

It is worth noting that data has been steadily trending further south of the HOU area with estimated storm tracks, which is reflected in most recent overnight data.

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. Earliest onset for these conditions will be Tuesday AM.

Houston Pilots Visibility Chart (miles)



Time	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	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
610 Bridge	10	10	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	6	5	5	10	10	10	10	10	10	10	10	10
Kinder 1	10	10	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	6	10	10	10	10	10	10	10	10	10
Greens Bayou	10	10	6	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	7	7	10	10	10	10	10	10	10	10	10
Shell Crude	10	10	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	10	10	10	10	10	10	10	10	10
Lynchburg Ferries	10	10	7	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	8	8	8	10	10	10	10	10	10	10	10	10
Exxon 3	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	8	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	8	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	8	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
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
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
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
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
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

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides or special visibility report slides. This data should be used as a guide only

Houston Pilots Wind Chart



Forecast Confidence



Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

Example

WS: 13
G:18
N

Time Knots	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	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
610 Bridge	4	4	3	3	4	4	4	4	4	4	5	6	7	7	8	9	8	7	6	6	5	6	5	5	4	4	3	4	4	3	3	4	5			
	7	6	5	5	6	6	7	6	6	5	7	9	10	11	12	12	11	10	10	9	8	9	8	7	8	6	6	5	7	7	6	5	7	8		
	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	S	SSE	SE	SE	SE	SE	SSE	S	S	S	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	WNW	WNW	WNW	WNW	WNW	WNW	ENE	
Kinder 1	4	4	3	3	4	4	4	4	4	3	5	6	7	8	9	9	8	7	6	6	5	6	5	5	4	4	3	4	4	3	3	4	5			
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	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	S	SSE	SE	SE	SE	SSE	SSE	S	S	S	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	WNW	WNW	WNW	WNW	WNW	NW	NW	S
Greens Bayou	4	3	3	3	4	4	4	4	3	3	5	6	7	8	9	9	8	7	6	6	5	6	5	5	4	4	3	4	4	4	3	3	4	5		
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	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	S	SSE	SE	SE	SE	SSE	SSE	S	S	S	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	WNW	WNW	WNW	WNW	NW	NW	W	ENE
Shell Crude	4	4	3	3	4	4	4	4	3	4	5	6	7	9	9	9	8	7	6	6	5	5	5	4	4	4	4	4	4	5	4	3	3	4	5	
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	SW	SW	SW	SW	WSW	WSW	WSW	WSW	SW	S	SSE	SE	SE	SE	SSE	SSE	S	S	S	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	WNW	WNW	WNW	WNW	NW	NW	SW	E
Lynchburg Ferries	5	4	4	4	4	5	5	4	4	4	5	7	8	10	10	10	9	8	7	7	6	6	5	5	4	4	4	4	5	5	4	4	4	5	6	
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Exxon 3	6	5	4	4	4	5	5	4	4	4	6	8	9	10	11	11	9	8	8	7	7	7	6	6	6	5	5	4	5	5	4	4	4	5	6	
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Morgans Point	6	6	5	5	5	5	5	4	4	5	7	9	10	11	12	12	12	10	10	9	8	8	8	7	7	6	6	5	6	5	4	4	4	6	7	
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25/26	6	6	5	5	5	5	5	4	4	5	6	7	8	8	9	9	9	8	7	8	8	8	8	7	7	6	6	5	6	5	4	4	4	6	8	
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11/12	7	6	6	6	6	6	5	4	4	5	6	7	8	8	9	9	8	8	8	8	8	8	8	7	7	6	6	6	7	7	6	5	4	4	6	7
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1 & 2 Bravo	9	8	8	8	8	7	6	5	3	3	4	6	7	8	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	6	5	4	4	5	7	
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This data should be used as a guide only

Houston Pilots: Sat. 8/19/2023

Forecast Discussion

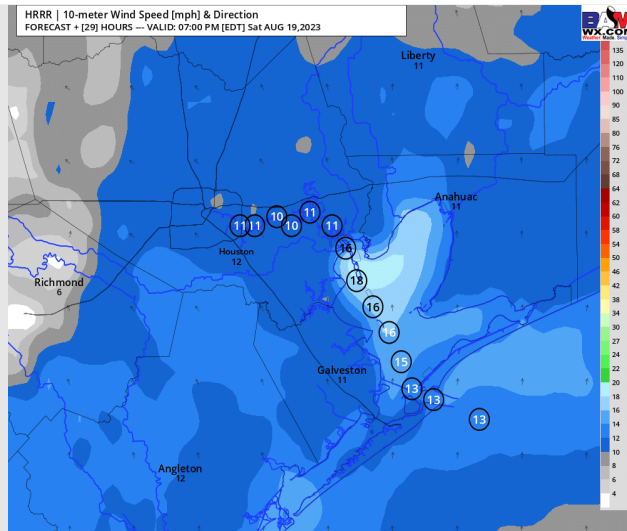
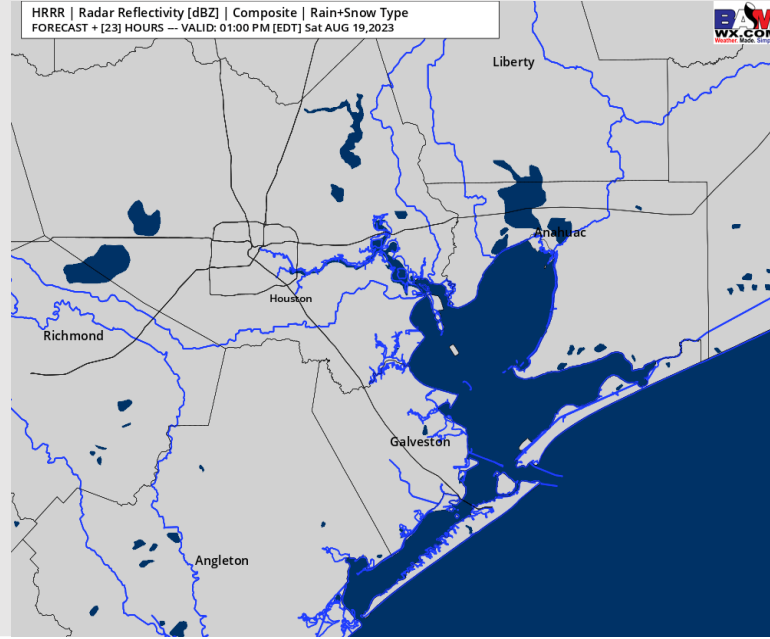
Precip: Conditions are expected to stay dry today.

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:** 3-8 kts through 5 PM before increasing to 5- 10 kts 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).

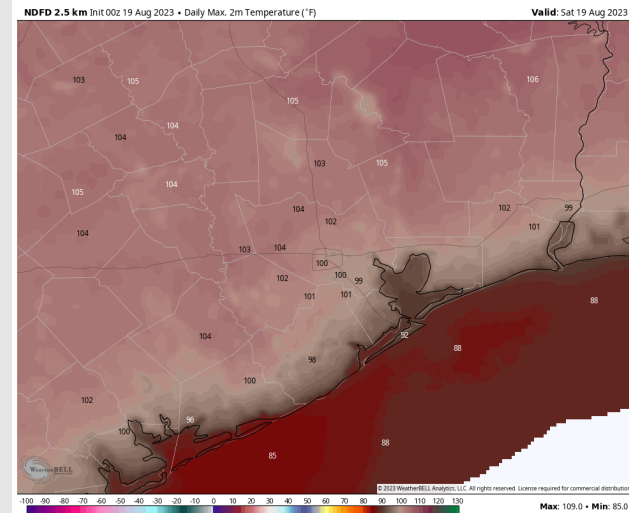
High Temps: **S of Morgan's Point:** Low/mid 90s F. **N of Morgan's Point:** Upper 90s/low 100s F.

Visibility: Not visibility concerns.

Precip Image: 12 PM CT



Wind Speed:
6 PM CT



High Temps
Today

Houston Pilots: Sun. 8/20/2023

Forecast Discussion

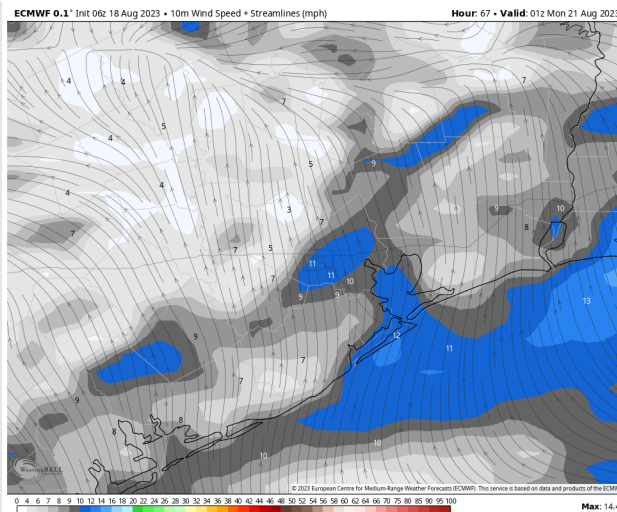
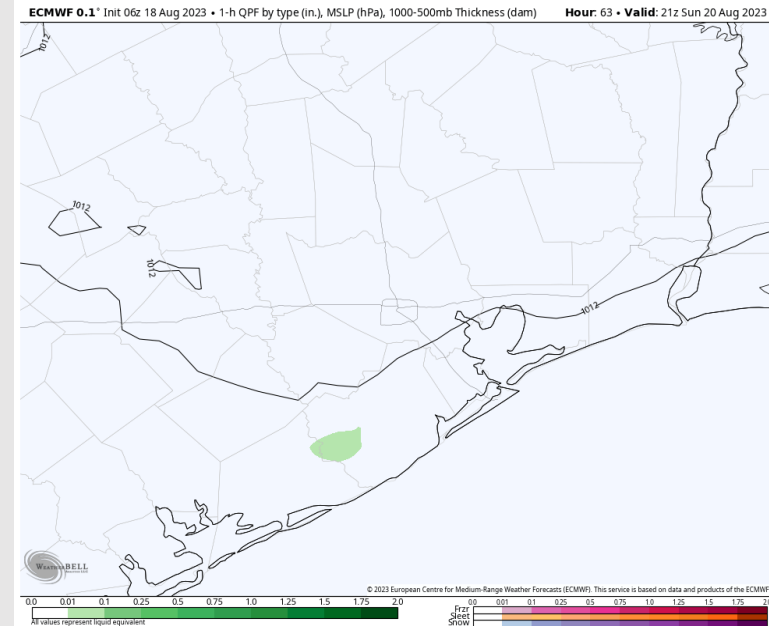
Precip: Dry weather favored (isolated 10% chance between 3-5 PM).

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 5-10 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.

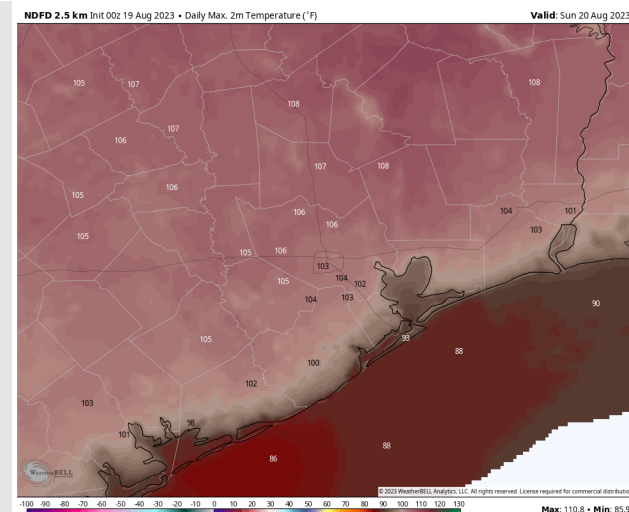
High Temps: **S of Morgan's Point:** Low/mid 90s F. **N of Morgan's Point:** Upper 90s/low 100s F.

Visibility: Not anticipating any visibility concerns.

Precip Image: 4 PM CT



Wind Speed:
8 PM CT



High Temps
Sunday

Houston Pilots: Mon. 8/21/2023

Forecast Discussion

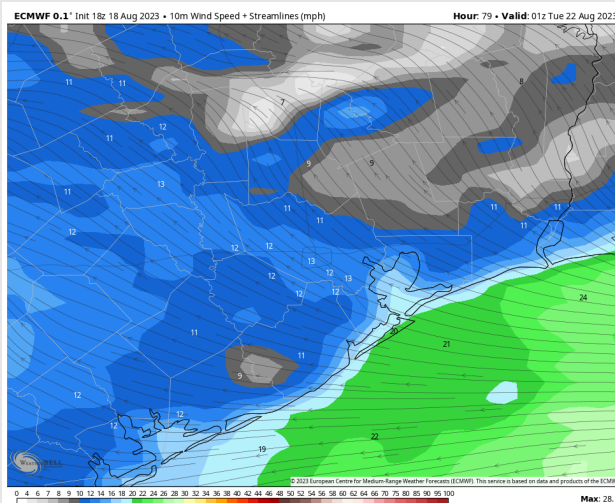
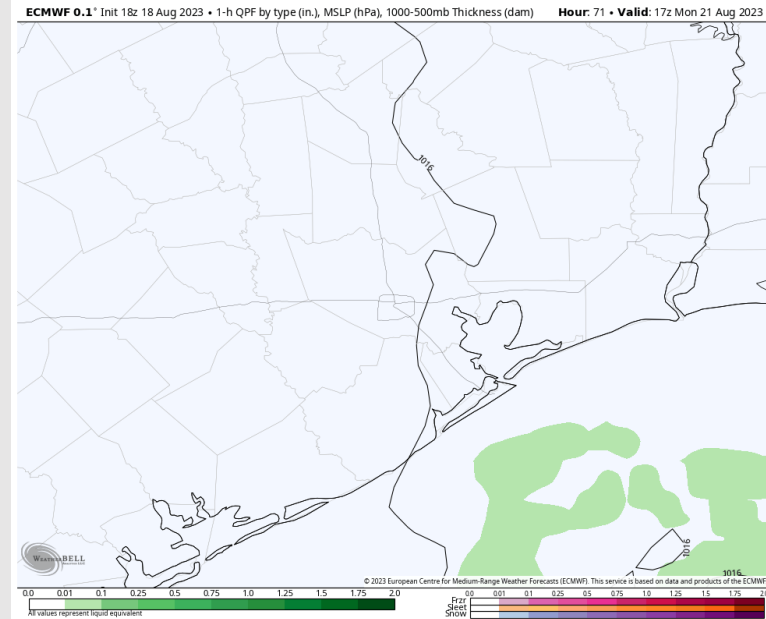
Precip: 30-40% chance for showers at the Boarding Station between 10 AM – 3 PM.

Wind: Winds will be out of the SW/SSW for all stations throughout the day. **N of Morgan's Point:** 3-8 kts through 1 PM, increasing to 8-13 kts for the remainder of the day. **S of Morgan's Point:** 3-8 kts through 1 PM, steadily increasing to 14-19 kts by 4 PM and remaining at that clip for the rest of the evening (**gusts 19-24 kts at the boarding station possible**).

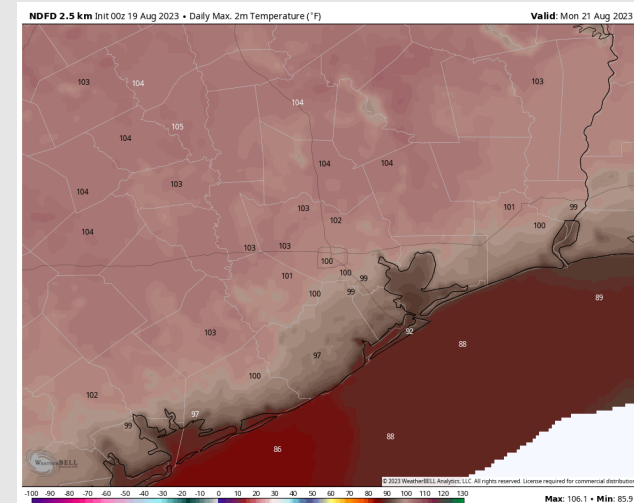
Low Temps: **S of Morgan's Point:** Low/mid 90s. **N of Morgan's Point:** Upper 90s/low 100s F.

Visibility: No visibility issues.

Precip Image: 12 PM CT



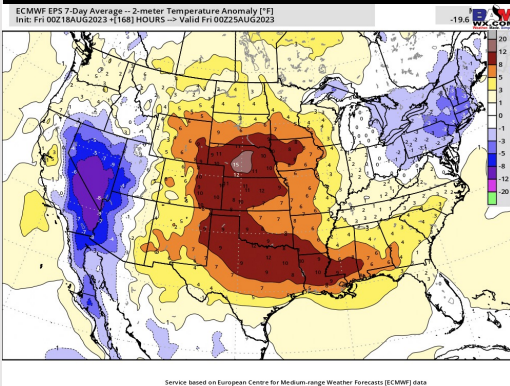
Wind Speed:
8 PM CT



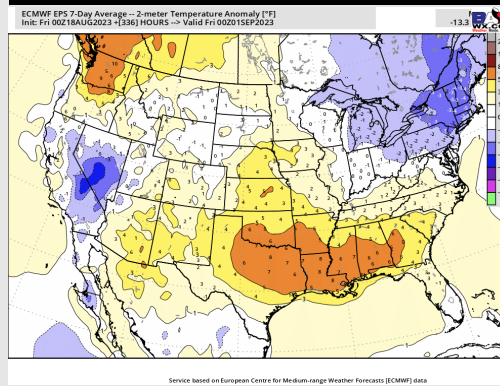
High Temps
Monday

Houston Pilots: 8/19/23

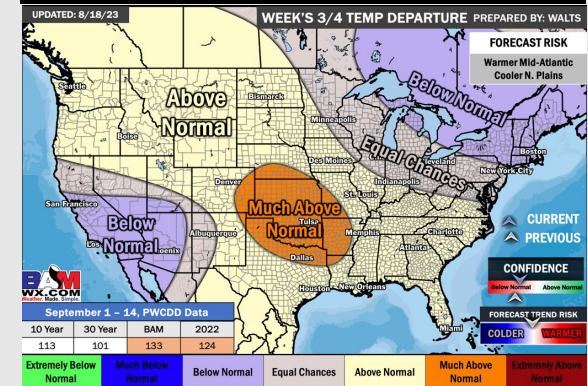
Next 7 Day Temperature Departure



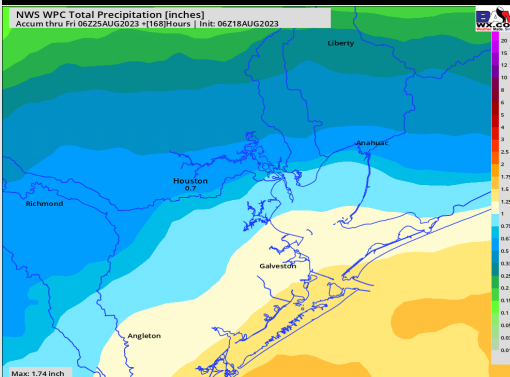
8-14 Day Temperature Departure



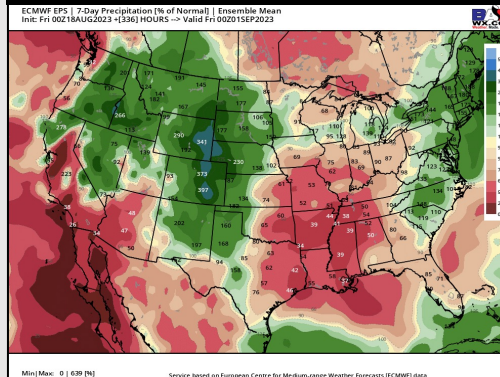
15-30 Day Temperature Departure



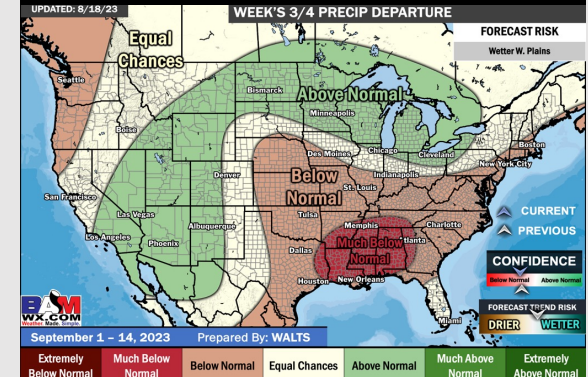
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- 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 below 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 $\frac{3}{4}$ timeframe.