

Houston Pilots Forecast Package

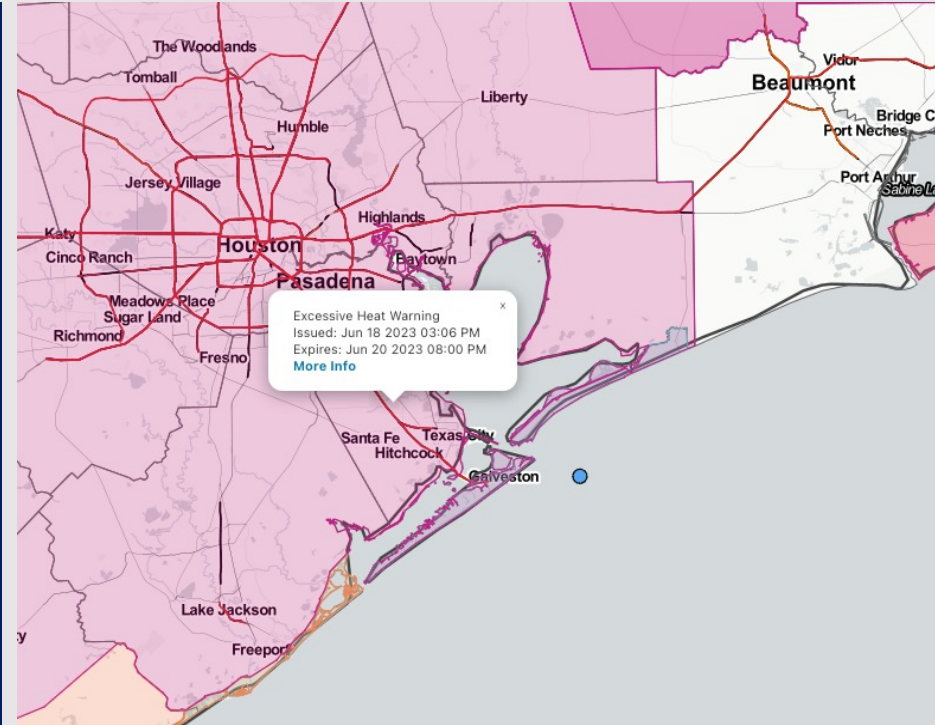


Updated: 5:00 AM CT
Tuesday, June 20, 2023

Forecaster: Vince Bryan

Weather Headlines

- A few low end rain chances work into the picture today and isolated chances for Wednesday. Expecting any severe weather to primarily stay East of the area.
- Winds are anticipated to stay slightly elevated over the next few days, with gustier conditions S of Morgan's Point. **More details on wind in the slides below.**
- Excessive heat concerns (90+ F) to continue throughout this week.
- No active tropical threats to SE TX at this time.



Radar/NWS Alerts: 5:00 AM CT



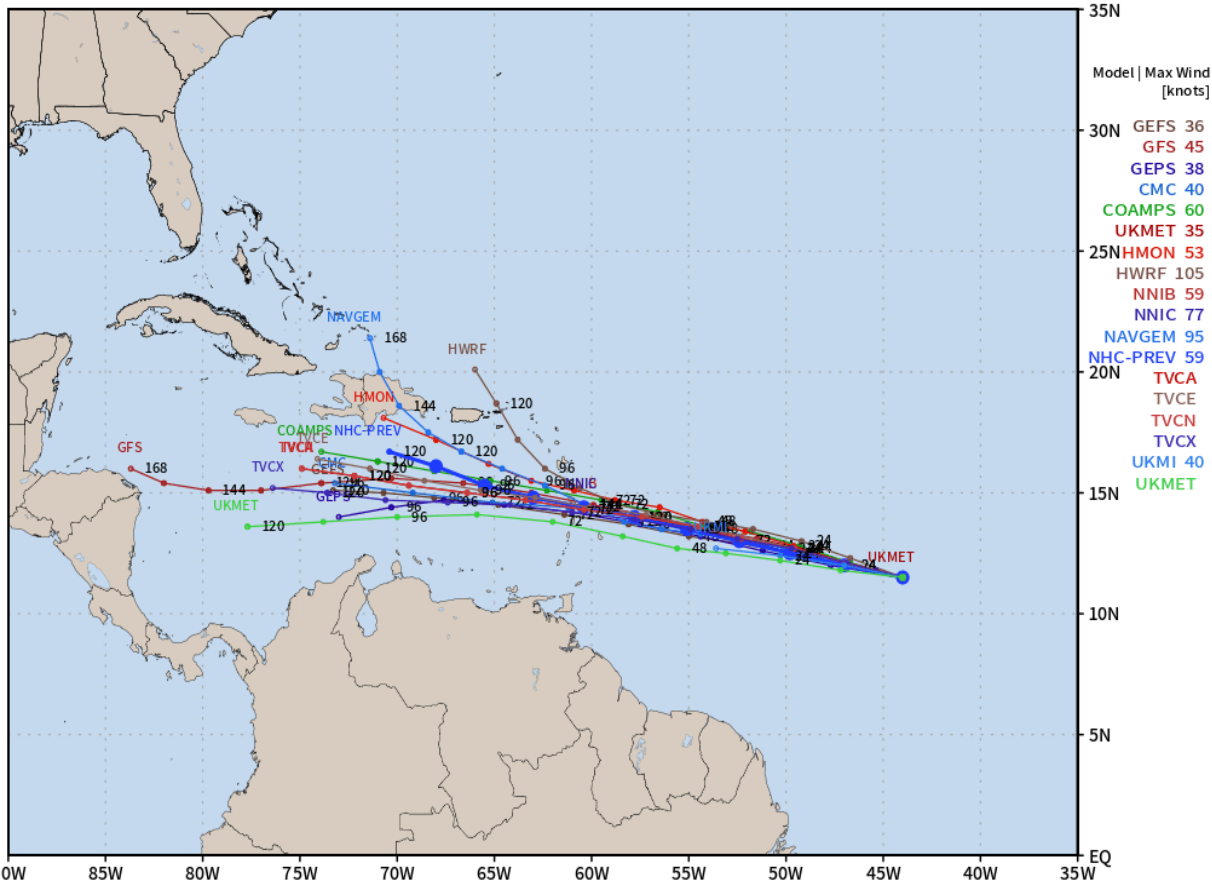
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update



Tropical Storm Bret Tracks Next 7 Days

AL03 BRET Guidance valid: 2023062006



Note: This map includes raw model data from 6 or 12 hours prior. Consult NHC Official Forecasts. Model guidance only expert interpretation required. Source: <https://weathermodels.com>

No tropical activity anticipated over the next 10 days for SE TX.

It is worth keeping tabs on Bret given how far South in the Atlantic it formed. Some of the data suggesting a re-curve into the Atlantic has caved to a solution that brings this more into the Caribbean.

For now this is not a concern for SE TX, but certainly watching trends over the next few days for any potential concerns for early July.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	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	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	6	4	5	9	10	10	10	10	10
Kinder 1	10	10	10	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	7	5	5	9	10	10	10	10	10
Greens Bayou	10	10	10	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	7	7	10	10	10	10	10	10
Shell Crude	10	10	10	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	10	10	10	10	10	10
Lynchburg Ferries	10	10	10	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	10	10	10	10	10	10
Exxon 3	10	10	9	6	7	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
Morgans Point	10	10	9	6	7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	10	10	8	10	10	10	10	10	10	10
75/76	10	10	9	6	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
63/64	10	9	9	6	6	10	10	10	10	10	10	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	9	9	9	6	6	10	10	10	10	10	10	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	9	8	9	6	6	10	10	10	10	10	10	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	9	7	7	6	6	10	10	10	10	10	10	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	9	7	7	6	6	10	10	10	10	10	10	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	6	7	7	6	6	8	10	10	10	10	10	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



Example

Sustained wind 13 Knots

Gusts 18 Knots

Wind from the N

WS: 13
G:18
N

Time Knots	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	Tue 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	6 10 S	6 9 S	5 8 S	5 8 S	5 9 SSW	6 9 SSW	6 10 SSW	7 10 SSW	7 10 SSW	7 11 SSW	7 11 SSW	8 12 S	8 12 S	9 12 S	9 12 S	9 13 S	9 13 S	8 12 S	8 12 S	7 10 S	6 9 S	6 9 SSE	5 7 S	4 6 S	4 7 S	3 5 S	3 5 S	3 5 S	3 5 S	3 5 S	3 6 S	4 6 S	5 7 SSE	5 7 SSE	
Kinder 1	6 10 S	6 9 S	5 8 S	5 8 S	6 9 SSW	6 9 SSW	6 10 SSW	7 10 SSW	7 10 SSW	7 11 SSW	7 11 SSW	8 12 S	8 12 S	9 12 S	9 13 S	9 13 S	8 12 S	8 12 S	6 9 S	6 9 S	6 9 S	6 9 SSE	5 7 S	4 6 S	4 7 S	3 5 S	3 5 S	3 5 S	3 5 S	3 6 S	4 6 S	5 7 SSE	5 7 SSE		
Greens Bayou	6 9 S	5 8 S	5 8 S	5 7 S	6 9 SSW	6 9 SSW	6 10 SSW	6 10 SSW	6 10 SSW	7 11 SSW	7 11 SSW	8 11 S	8 11 S	9 12 S	10 12 S	10 13 S	9 12 S	8 11 S	8 10 S	6 9 S	6 9 S	5 8 SSE	5 7 S	4 6 S	4 7 S	3 5 S	3 5 S	3 5 S	3 5 S	3 6 S	4 6 S	5 7 SSE	5 7 SSE		
Shell Crude	6 9 S	5 8 S	5 8 S	6 7 S	6 9 SSW	6 9 SSW	6 10 SSW	6 10 SSW	6 10 SSW	7 11 SSW	7 11 SSW	8 11 S	8 11 S	9 12 S	10 13 S	10 13 S	9 12 S	8 11 S	8 10 S	6 9 S	6 9 S	5 8 SSE	5 7 S	4 6 S	4 7 S	3 5 S	3 5 S	3 5 S	3 6 S	4 6 S	5 7 SSE	5 7 SSE			
Lynchburg Ferries	6 9 S	6 9 S	5 8 S	5 8 S	6 9 SSW	6 9 SSW	6 9 SSW	6 9 SSW	6 9 SSW	7 10 SSW	7 10 SSW	8 11 S	8 11 S	9 12 S	10 13 S	10 14 S	9 12 S	8 11 S	8 10 S	6 9 S	6 9 S	5 8 SSE	5 7 S	4 6 S	4 7 S	3 5 S	3 5 S	3 5 S	3 6 S	4 6 S	5 7 SSE	5 7 SSE			
Exxon 3	7 10 S	7 9 S	6 8 S	6 8 S	6 9 SSW	6 9 SSW	6 9 SSW	6 9 SSW	6 9 SSW	7 10 SSW	7 10 SSW	8 11 S	8 11 S	10 12 S	10 13 S	11 14 S	10 12 S	9 11 S	9 10 S	6 9 S	6 9 S	5 8 SSE	5 7 S	4 6 S	4 7 S	3 5 S	3 5 S	3 5 S	3 6 S	4 6 S	5 7 SSE	5 7 SSE			
Morgans Point	8 10 S	8 9 S	7 9 S	7 9 S	7 9 SSW	7 9 SSW	7 9 SSW	7 9 SSW	7 9 SSW	8 10 SSW	8 10 SSW	9 11 S	9 11 S	11 13 S	11 14 S	12 15 S	10 12 S	11 13 S	10 11 S	8 9 S	8 9 S	7 8 SSE	6 7 S	5 6 S	5 6 S	4 5 S	4 5 S	4 5 S	4 5 S	4 6 S	5 6 S	6 7 SSE	6 7 SSE		
75/76	11 12 S	10 11 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	10 11 SSW	10 11 SSW	11 12 S	11 12 S	13 15 S	13 15 S	15 17 S	13 15 S	12 14 S	11 13 S	10 11 S	9 10 S	8 9 SSE	8 9 S	7 8 S	6 7 S	6 7 S	6 7 S	6 7 S	6 7 S	6 7 S	7 8 SSE	7 8 SSE			
63/64	11 13 S	10 12 SSW	9 11 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	10 11 SSW	10 11 SSW	11 12 S	11 12 S	14 15 S	14 15 S	16 17 S	13 15 S	12 14 S	11 13 S	10 11 S	9 10 S	8 9 SSE	8 9 S	7 8 S	6 7 S	6 7 S	6 7 S	6 7 S	6 7 S	7 8 SSE	7 8 SSE				
51/52	11 13 S	10 12 SSW	9 11 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	10 11 SSW	10 11 SSW	11 12 S	11 12 S	13 14 S	13 14 S	15 16 S	12 14 S	11 13 S	10 11 S	9 10 S	8 9 S	7 8 SSE	7 8 S	6 7 S	6 7 S	5 6 S	5 6 S	5 6 S	5 6 S	6 7 S	7 8 SSE	7 8 SSE			
37/38	11 12 S	10 11 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	9 10 SSW	10 11 SSW	10 11 SSW	11 12 S	11 12 S	13 14 S	13 14 S	15 16 S	12 14 S	11 13 S	10 11 S	9 10 S	8 9 S	7 8 SSE	7 8 S	6 7 S	6 7 S	5 6 S	5 6 S	5 6 S	5 6 S	6 7 S	7 8 SSE	7 8 SSE			
25/26	10 12 S	9 11 SSW	8 10 SSW	8 9 SSW	8 9 SSW	8 9 SSW	8 9 SSW	8 9 SSW	8 9 SSW	9 10 SSW	9 10 SSW	10 11 S	10 11 S	12 13 S	12 13 S	13 14 S	10 12 S	9 11 S	8 10 S	7 9 S	6 8 S	5 7 SSE	5 7 S	4 6 S	4 5 S	4 5 S	4 5 S	4 5 S	5 6 S	6 7 S	7 8 SSE	7 8 SSE			
11/12	10 12 S	9 11 SSW	8 10 SSW	8 9 SSW	8 9 SSW	8 9 SSW	8 9 SSW	8 9 SSW	8 9 SSW	9 10 SSW	9 10 SSW	10 11 S	10 11 S	12 13 S	12 13 S	13 14 S	10 12 S	9 11 S	8 10 S	7 9 S	6 8 S	5 7 SSE	5 7 S	4 6 S	4 5 S	4 5 S	4 5 S	4 5 S	5 6 S	6 7 S	7 8 SSE	7 8 SSE			
1 & 2 Bravo	12 13 S	11 12 SSW	10 11 SSW	10 11 SSW	10 11 SSW	10 11 SSW	10 11 SSW	10 11 SSW	10 11 SSW	10 11 SSW	10 11 SSW	11 12 S	11 12 S	13 14 S	13 14 S	14 15 S	11 13 S	10 12 S	9 11 S	8 10 S	7 9 S	6 8 SSE	6 7 S	5 6 S	5 6 S	4 5 S	4 5 S	4 5 S	4 5 S	5 6 S	6 7 S	7 8 SSE	7 8 SSE		

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Forecast Discussion

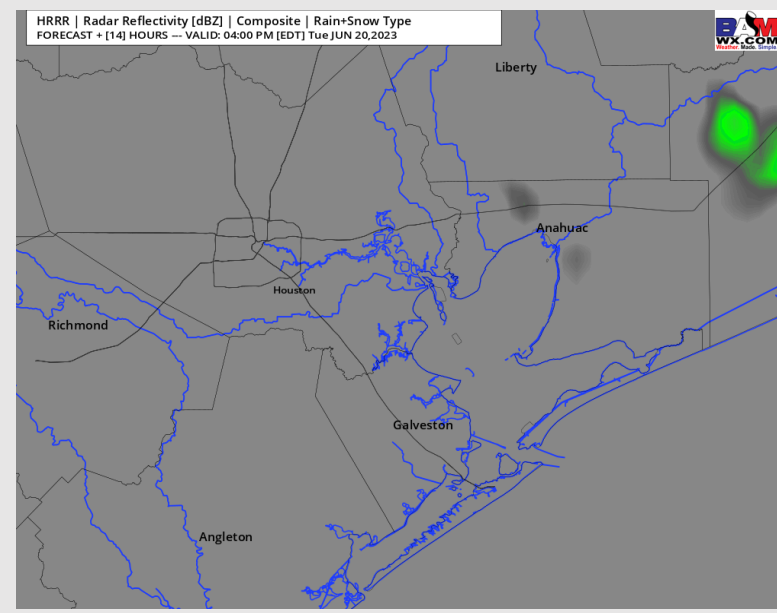
Precip: Another mostly dry day is favored, with ~20% chances of a few isolated showers/thunderstorms. The bulk of coverage will sit east of the area, but chances cannot be totally taken off the table if a few cells are able to develop about closer to the Houston/Galveston area. These risks come 12-6 PM.

Wind: Winds will be out of the S/SW throughout the day today. Winds N of Morgan's Point will be 4-9 kts through 9 AM before increasing to 8-13 kts the rest of the day. Winds S of Morgan's Point at 13 – 18 kts before increasing by 10 AM to 15-20 kts. **Wind gusts of 20-25+ kts will be possible under any of the gustier pockets of precip (primarily with any precip in the afternoon).**

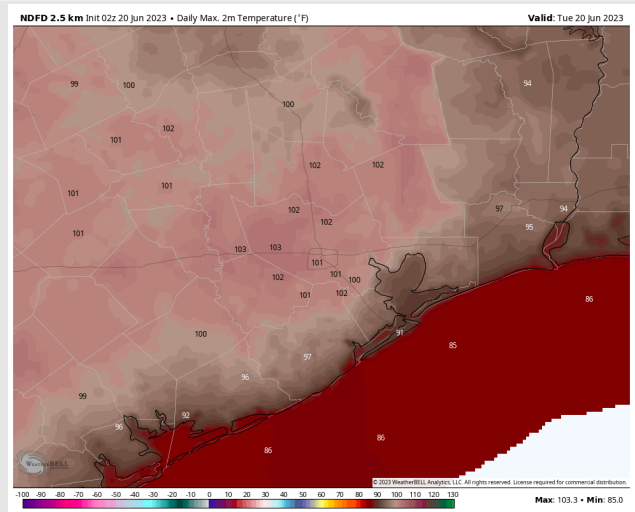
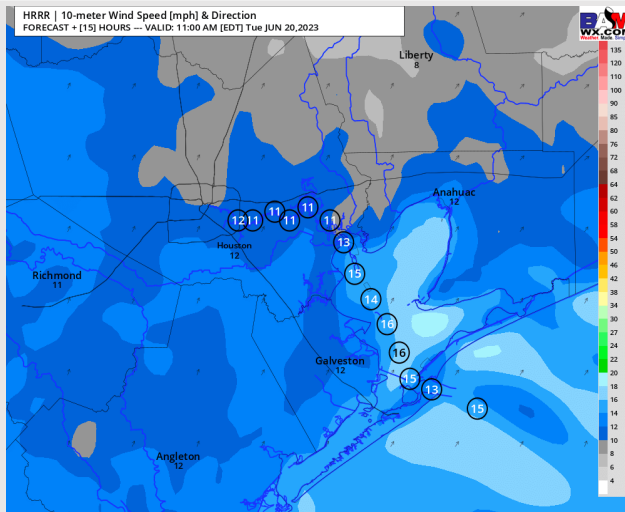
Temps: High temperatures today will be in the mid/upper 80s F at the Boarding Station, low to mid 90s F for stations S of Morgan's Point and upper 90s to low 100s F N of Morgan's Point.

Visibility: No reduced visibility anticipated.

Precip Image: 3 PM CT



Wind Speed:
10 AM CT



High Temps
Today

Houston Pilots: Wed. 6/21/2023



Forecast Discussion

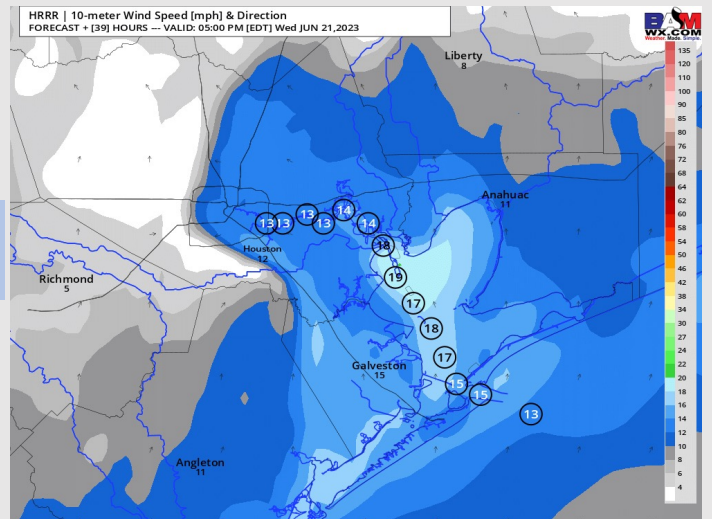
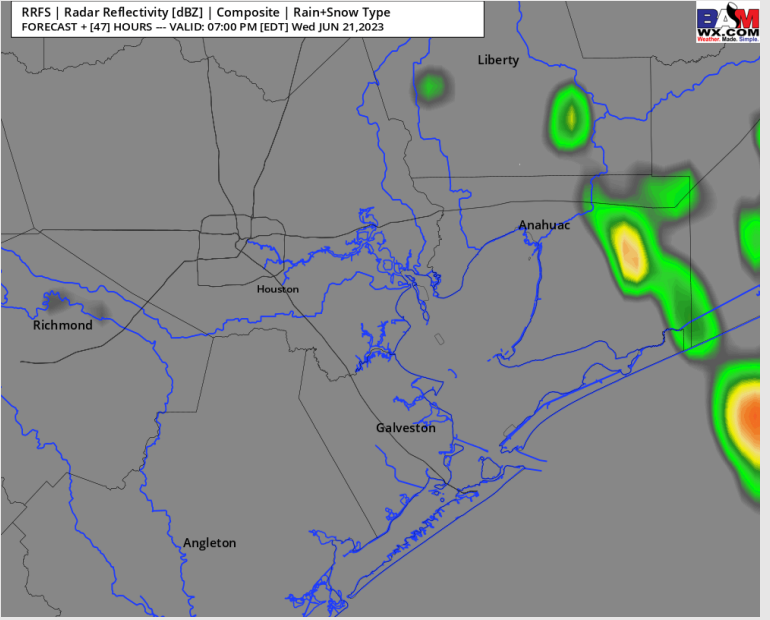
Precip: Currently expecting most of the daytime hours to be dry, however there is a risk (20%) of a few isolated showers/thunderstorms in the late evening hours (post 7 PM).

Wind: Winds will out of the S/SW throughout the day on Wednesday. Winds N of Morgan's Point will be 3-8 kts for the majority of the day aside for an increase in winds to 13-18 kts from 4-6 PM. Winds S of Morgan's being 8-13 kts outside of a slight increase of 13-18 kts from 4-8 PM. **Gusts of 15 - 20 kts will be possible for all stations from 12-10 PM.**

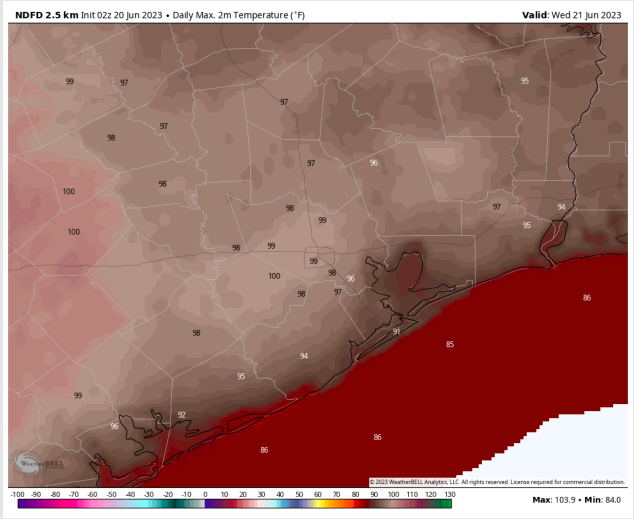
Temps: High temperatures on Wednesday will once again be in the mid/upper 80s F at the Boarding Station, low to mid 90s F for stations S of Morgan's Point and upper 90s to low 100s F N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 6 PM CT



**Wind Speed:
4 PM CT**



**High Temps
Wednesday**

Houston Pilots: Thur. 6/22/2023



Forecast Discussion

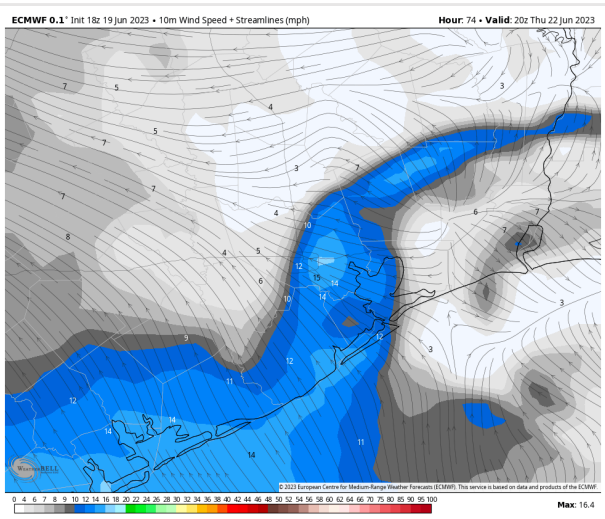
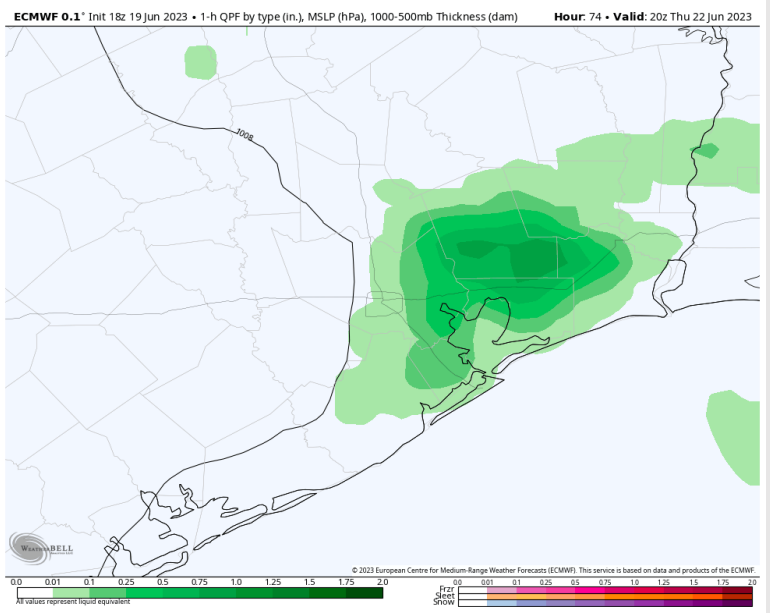
Precip: Favoring dry conditions throughout the morning hours Thursday. Then from 12 PM-6 PM, favoring a 40-60% chance for showers/thunderstorms. Then after 6 PM, favoring dry conditions for the rest of the day.

Wind: Favoring winds to be out of the S/SW for most of the day Thursday, aside from 2-6 PM where winds will be variable. Winds N of Morgan's Point will be 2-7 kts for most of the day aside from 2-5 PM where winds will pick up to 10-15 kts. Winds S of Morgan's Point will be 6-11 kts for most of the day aside from, 2-4 PM where winds will be 12-17 kts. **Gusts of 25-30 kts will be possible under the strongest cells Thursday.**

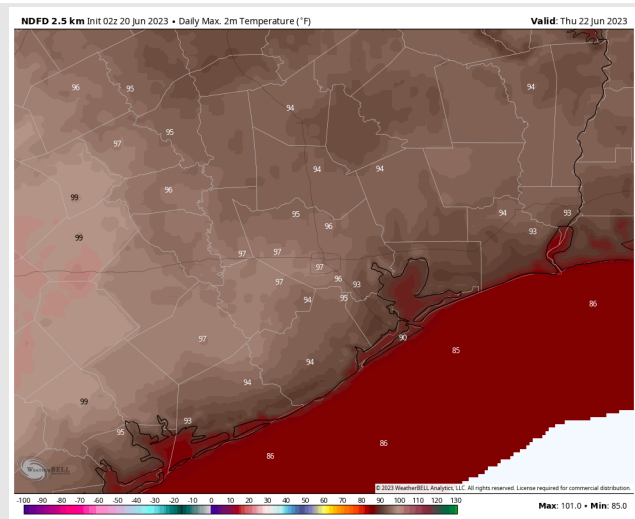
Temps: High temperatures Thursday will be in the mid to upper 80s F near the Boarding Station, in the low 90s F for all other stations S of Morgan's Point, and in the low to mid 90s F for stations N of Morgan's Point.

Visibility: Not anticipating any visibility concerns at this time.

Precip Image: 3 PM CT

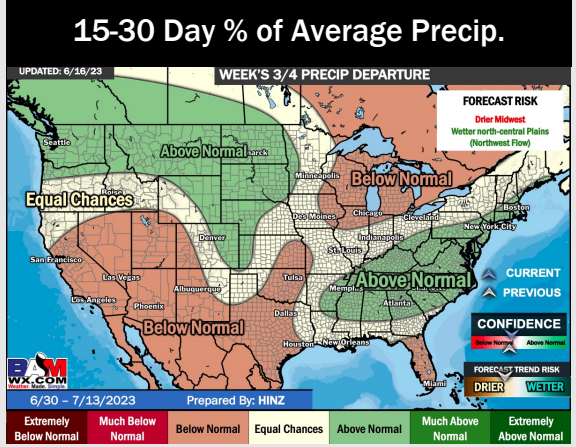
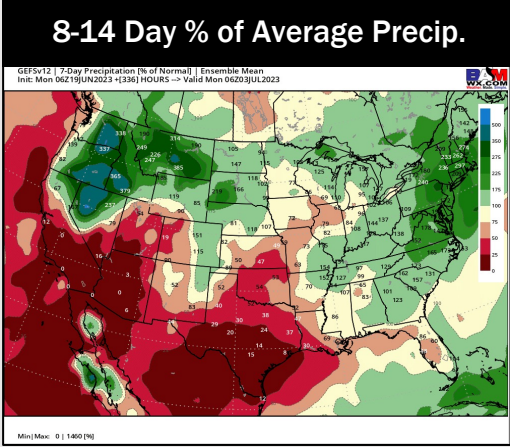
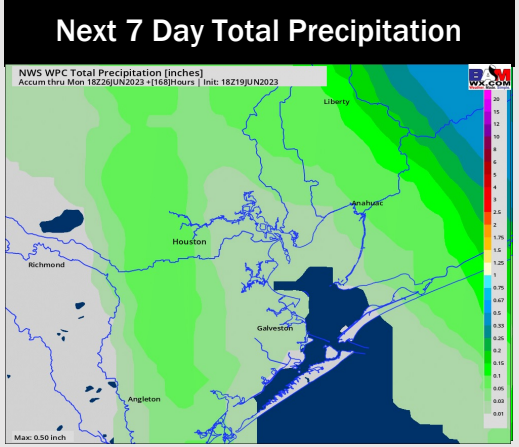
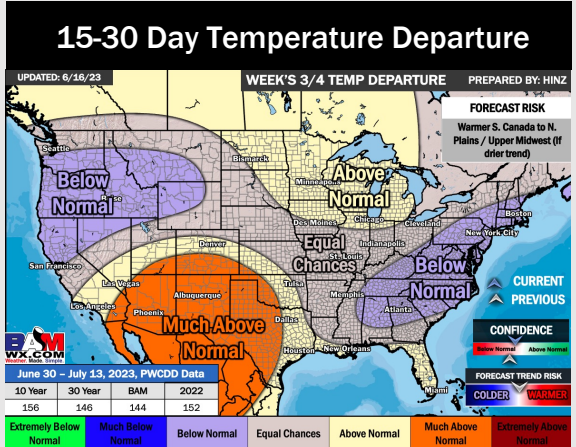
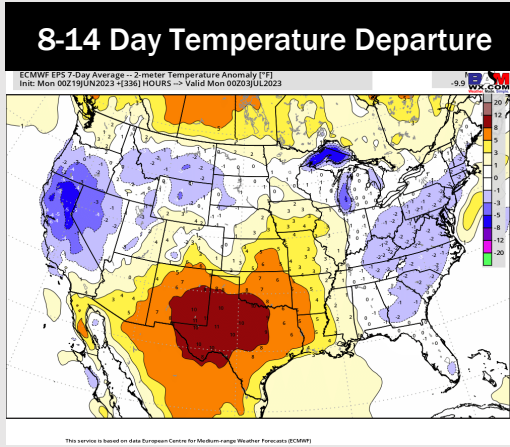
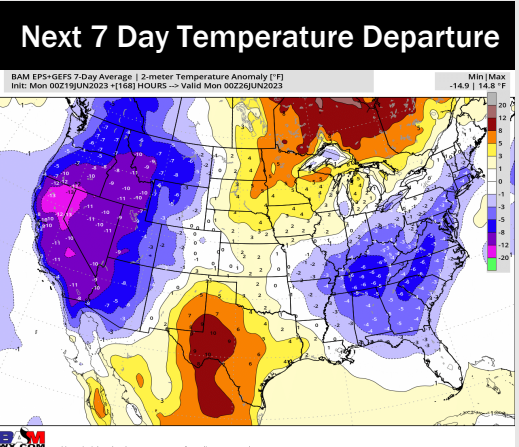


Wind Speed:
3 PM CT



High Temps
Thursday

Houston Pilots: 6/20/23



- Slightly above normal temperatures are favored over the next week with below average precipitation chances.
- Expecting much 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 3/4 timeframe.