

# Houston Pilots Forecast Package



Updated: 3:00 PM CT

Thursday, June 22, 2023

Forecaster: Tyler Riggles

## Weather Headlines

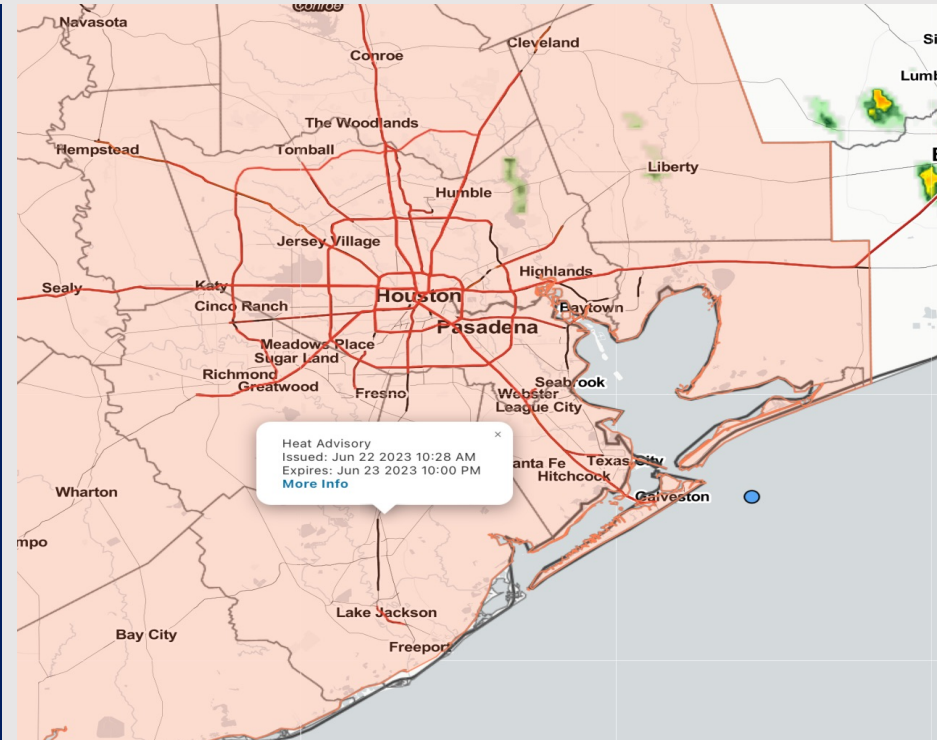
➤ Please check out details on the next 2 days as there are a few shots at strong to severe storms. Confidence remains lower than average as the evolution of storms will be highly dependent on how the pattern plays out in N/ NE TX.

➤ Excessive heat concerns (90+ F) to continue throughout this week.

➤ No active tropical threats to SE TX at this time.

➤ No signals for fog impacting stations moving forward.

➤ Precip pattern looks to turn slightly less active heading into next week.



**Radar/NWS Alerts: 3:00 PM CT**



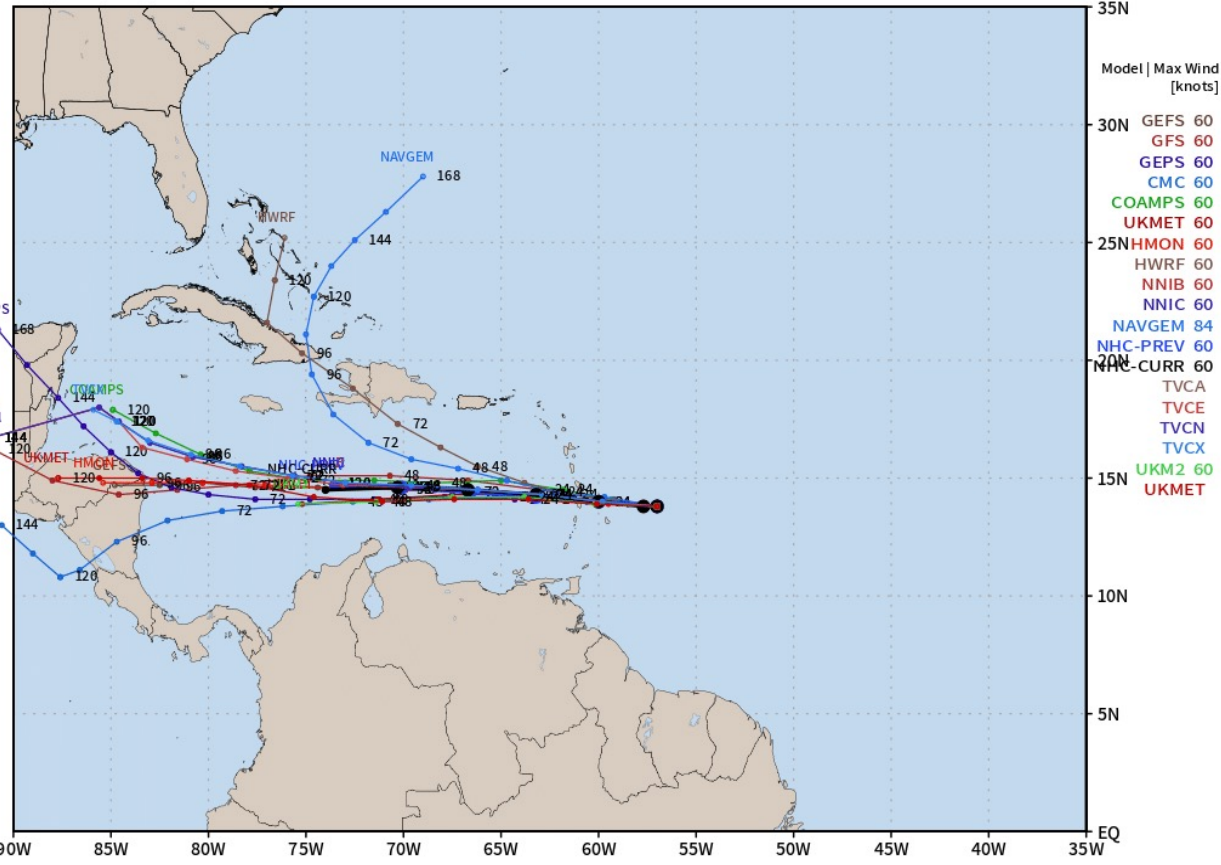
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Tropical Update



## Tropical Storm Bret Tracks Next 7 Days

AL03 BRET Guidance valid: 2023062212



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>

Industry Energy according to our TOS (if5580f5Z009y594)

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. Continuing to favor a southerly track heading into Central America in 5-7 days.

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	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	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		
610 Bridge	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	10	10	10	10	10	10
Kinder 1	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	10	10	10	10	10
Greens Bayou	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	10	10	10	10	10
Shell Crude	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	10	10	10	10	10
Lynchburg Ferries	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	10	10	10	10	10
Exxon 3	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	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	8	10	10	10	10	10	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	8	10	10	10	10	10	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
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
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
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
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
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

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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	Thu 2pm	Thu 3pm	Thu 4pm	Thu 5pm	Thu 6pm	Thu 7pm	Thu 8pm	Thu 9pm	Thu 10pm	Thu 11pm	Fri 12am	Fri 1am	Fri 2am	Fri 3am	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
610 Bridge	6	7	7	8	9	9	8	6	5	4	4	4	4	4	4	3	3	3	3	4	5	5	6	6	7	8	8	8	9	9	8
	8	9	10	11	12	13	11	9	7	6	6	6	5	6	5	4	4	4	5	5	7	7	7	8	9	10	10	11	11	10	
	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	SSE	SE	ESE	SE	SE	SE	SE	SE	SSE	SE	SE	SSE	SE	SSE	SSE	
Kinder 1	6	7	7	8	9	9	8	6	5	4	4	4	4	4	4	3	3	3	3	4	5	5	6	6	7	8	8	8	9	8	
	8	9	10	11	12	13	11	9	7	6	6	6	6	5	6	5	4	4	5	5	7	7	7	8	9	10	10	11	11	10	
	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE	SSE	SE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SSE	
Greens Bayou	6	7	8	8	9	9	7	6	5	4	4	4	4	4	4	3	3	3	3	4	5	5	6	7	7	8	8	9	9	8	
	8	9	10	11	12	13	10	9	7	6	6	6	6	6	6	4	4	4	5	5	6	7	7	8	9	10	10	11	11	10	
	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	SE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SSE	
Shell Crude	7	8	8	9	9	9	8	6	5	4	4	4	4	4	4	3	3	3	3	4	5	5	6	7	8	8	8	9	9	8	
	9	9	10	11	12	13	11	9	7	6	6	6	6	6	6	4	4	4	5	5	6	6	7	7	8	9	10	10	11	10	
	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE	SSE	SSE	S	SSE	SE	ESE	ESE	SE	SE	SE	SE	SE	SE	SE	SE	SSE	SE	SSE	
Lynchburg Ferries	7	8	8	9	10	10	8	7	6	5	4	4	4	4	4	3	3	3	4	4	5	6	7	7	8	9	9	10	10	9	
	9	10	10	11	12	13	11	9	8	7	6	6	6	6	6	5	5	5	5	6	7	7	8	8	9	11	11	12	12	11	
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Exxon 3	8	8	9	9	10	10	9	7	6	5	5	5	5	5	4	4	4	4	4	4	5	6	7	7	8	9	10	10	10	9	
	9	10	11	11	12	13	11	10	8	7	6	7	7	6	6	5	5	6	5	6	7	7	8	8	10	11	12	13	13	11	
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Morgans Point	9	10	10	11	11	11	10	9	7	6	6	6	6	5	5	5	4	5	5	5	6	6	7	8	9	11	11	12	11	10	
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75/76	10	11	11	12	13	13	12	11	9	7	7	7	7	7	7	6	5	7	7	7	7	7	7	8	10	12	12	14	14	13	
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63/64	10	11	11	12	13	13	11	9	7	7	7	7	7	7	7	6	5	7	7	7	8	8	8	9	10	12	12	13	13	12	
	12	12	12	13	14	14	14	12	10	8	7	8	7	8	7	6	6	7	8	8	8	8	9	9	10	12	13	14	15	14	
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51/52	9	10	10	11	12	12	12	10	8	7	7	7	7	7	6	5	5	6	7	7	7	8	8	8	9	10	11	12	12	11	
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37/38	9	9	10	10	11	11	10	9	8	7	6	6	6	6	7	6	5	5	6	6	7	7	8	8	8	9	10	11	10	9	
	11	11	11	11	12	12	12	10	8	8	7	7	7	7	7	6	5	6	7	8	8	8	8	9	10	11	11	12	11	10	
	SE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SE	SE	SSE	SE	SSE	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	
25/26	8	9	9	9	9	10	9	7	7	6	5	6	6	6	6	5	4	5	6	7	7	7	8	8	9	9	9	9	9	8	
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	SE	SSE	SSE	SSE	SSE	S	SSE	SSE	SSE	SE	SE	SSE	SSE	SSE	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SSE	
11/12	8	8	8	9	9	9	9	7	7	6	6	6	6	6	6	5	5	5	6	7	7	7	8	8	8	9	9	8	8	8	
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1 & 2 Bravo	6	7	8	9	9	10	10	9	8	7	7	7	7	7	7	6	6	6	7	7	7	8	8	8	8	8	8	9	9	9	
	7	8	9	10	10	11	10	9	8	7	7	7	8	8	8	6	6	7	8	8	8	9	9	9	9	9	10	10	10	10	
	SE	SSE	S	S	S	SSE	SSE	SSE	SSE	SE	SE	SSE	S	S	S	S	S	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	S	SSE	

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# Houston Pilots: Thur. 6/22/2023



## Forecast Discussion

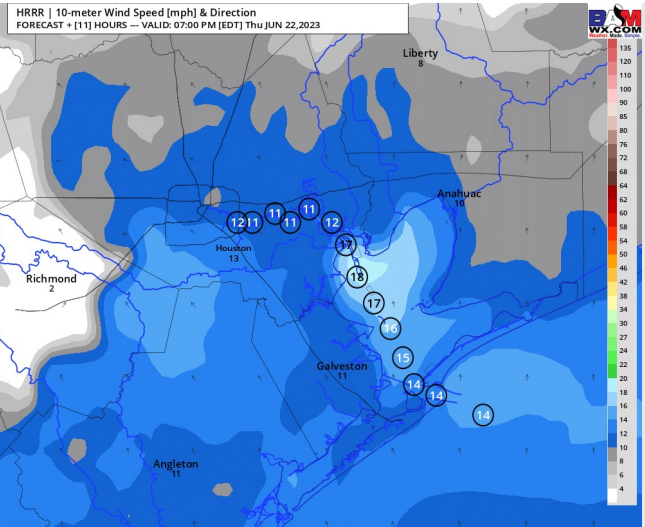
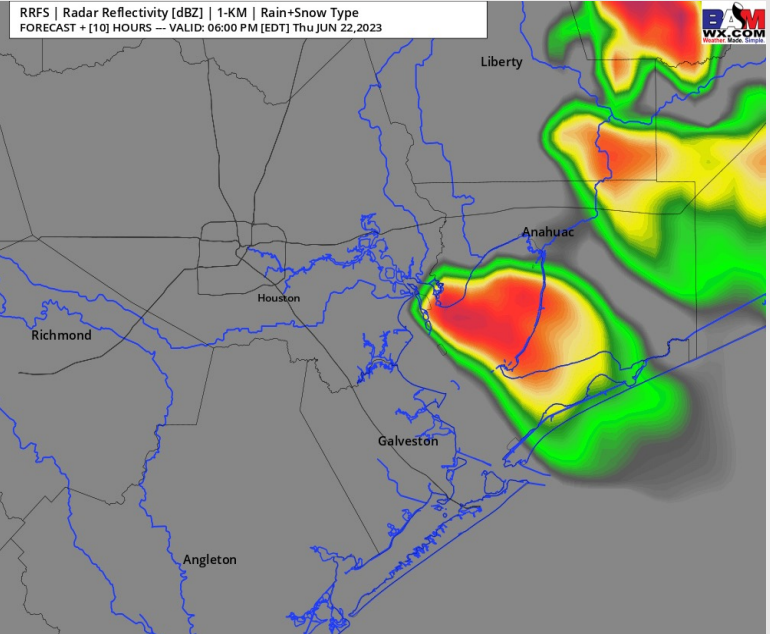
**Precip:** Very low-end chance of an isolated shower/ t-storm through mid afternoon (10%). Beyond 3-4 PM is when chances will increase closer to 30% for a few scattered showers and thunderstorms to develop, some of which could be stronger with risks for hail. This threat will continue through around 9 PM. Coverage is expected to be hit and miss.

**Wind:** Winds out of the S will be 5-10 kts N of Morgan's Point throughout the rest of the day, while S of Morgan's Point they will be at 11-16 kts (gusts 15-20 knots). **Wind gusts of 30-35+ kts will be possible under the strongest cells associated with thunderstorm activity after 3-4 PM. Gusts will not be this high outside of precip.**

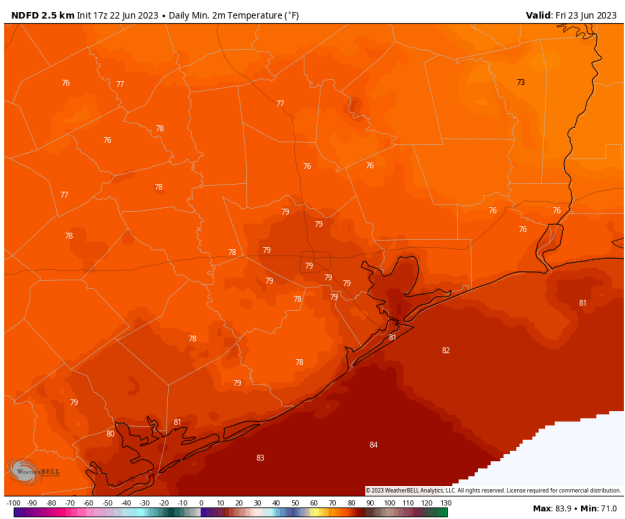
**Temps:** Low temperatures tonight will be in the low 80s F S of Morgan's Point and in the upper 70s F N of Morgan's Point

**Visibility:** Not anticipating any visibility concerns at this time.

## Precip Image: 5 PM CT



**Wind Speed:  
6 PM CT**



**Low Temps  
Friday AM**

# Houston Pilots: Fri. 6/23/2023



## Forecast Discussion

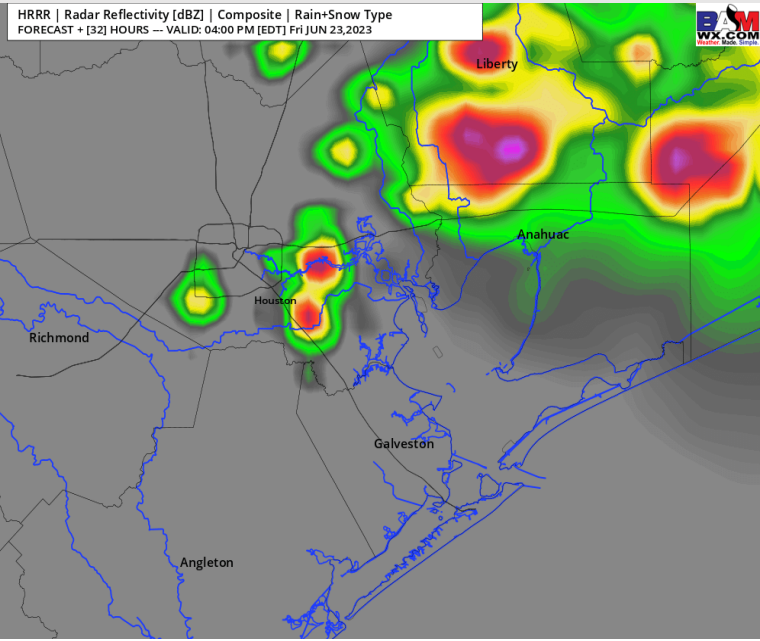
**Precip:** Exact details will once again need ironed out as we get a bit closer, but the potential for another round of strong to severe storms working into the area will be possible in the evening hours Friday. Model data has backed off on estimated timing, so current favored guidance would suggest this threat now comes between 3 – 6 PM. However, there is lower confidence due to continued variances in speed, exact path, and timing, so chances for precip (60%) could arrive even earlier or later than current models suggest. Main risk would be strong to severe winds.

**Wind:** Wind speed and direction in the PM will be very dependent on the potential storm cluster, but wind gusts 35-45+ kts would be possible under strong to severe storms. Outside of precip, winds in the AM will be 5 – 10 kts for all stations. After 12 PM, winds S of Morgan's Point will pick up to 12 – 17 kts, while winds N of Morgan's Point remain at 5 – 10 kts. Winds outside of storms will be from the S throughout the day.

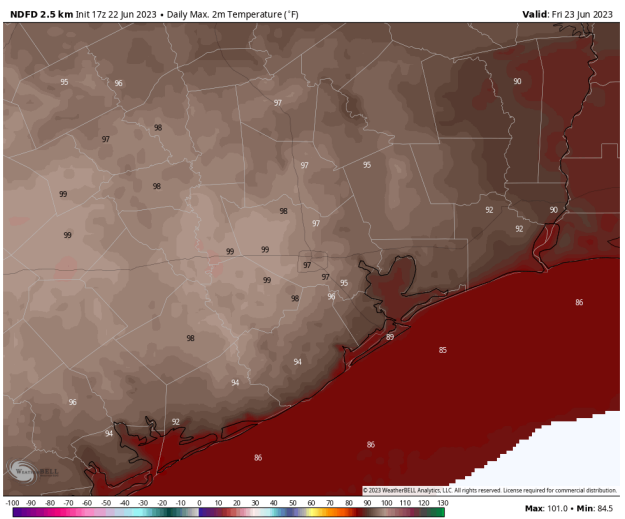
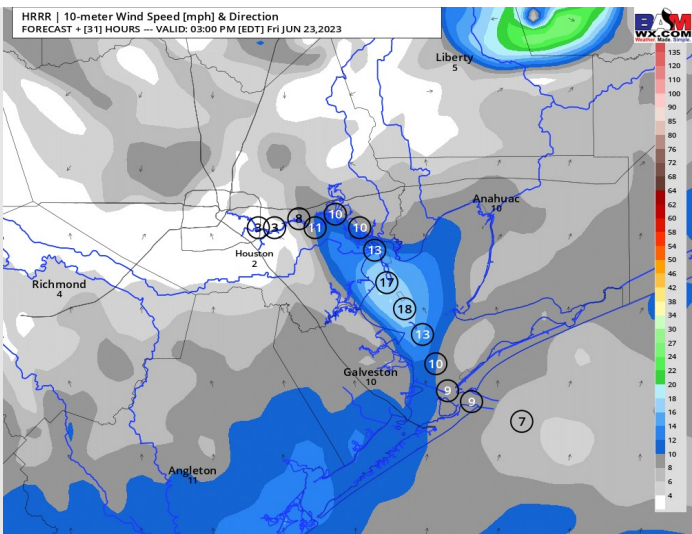
**Temps:** High temperatures Friday will be in the mid to upper 80s F near the Boarding Station, in the low 90s F for all other stations S of Morgan's Point, and in the mid 90s F for stations N of Morgan's Point.

**Visibility:** Not anticipating any visibility concerns at this time.

## Precip Image: 3 PM CT



Wind Speed:  
2 PM CT



High Temps  
Friday

# Houston Pilots: Sat. 6/24/2023



## Forecast Discussion

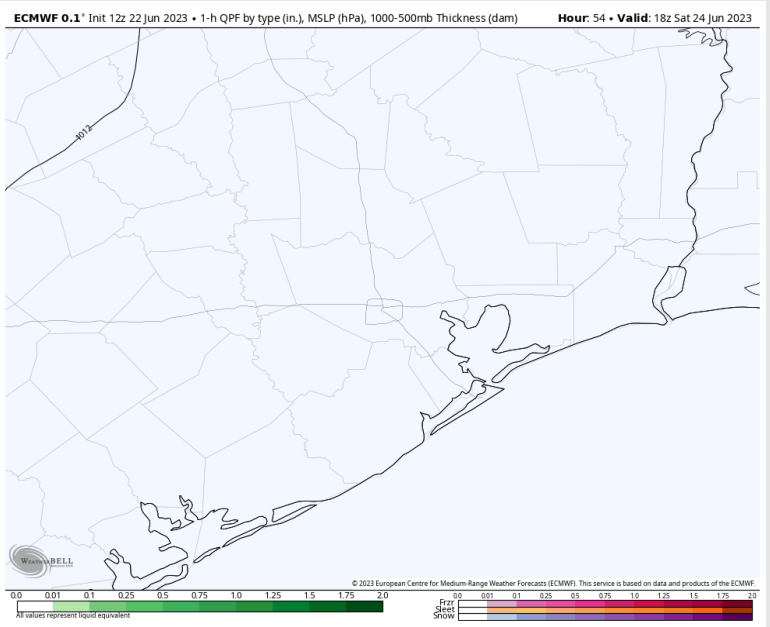
**Precip:** Favoring dry conditions throughout the day Saturday.

**Wind:** Winds out of the S/SW will be 6 – 11 kts N of Morgan’s Point, while winds S of Morgan’s Point will be 10-16 kts throughout the day Saturday.

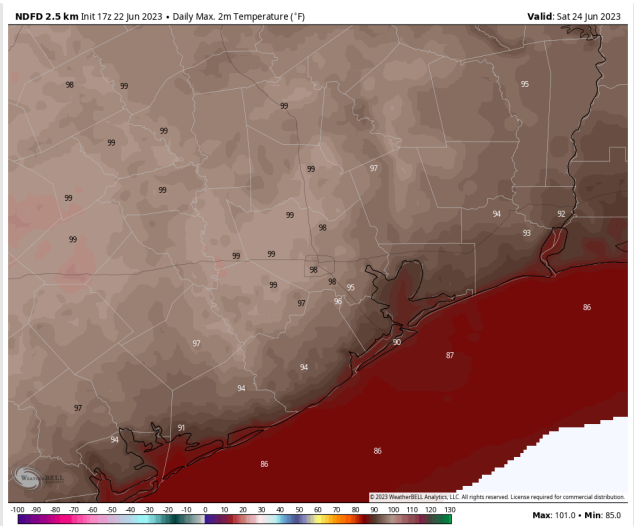
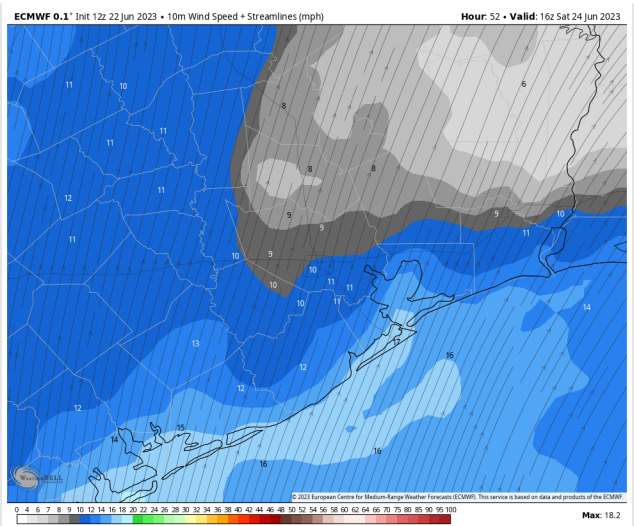
**Temps:** High temperatures Saturday will be in the mid/upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan’s Point, and in the mid/upper 90s F for stations N of Morgan’s Point.

**Visibility:** Not anticipating any visibility concerns at this time.

## Precip Image: 1 PM CT

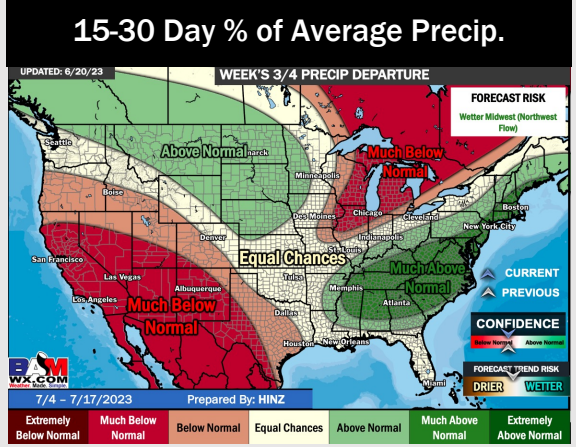
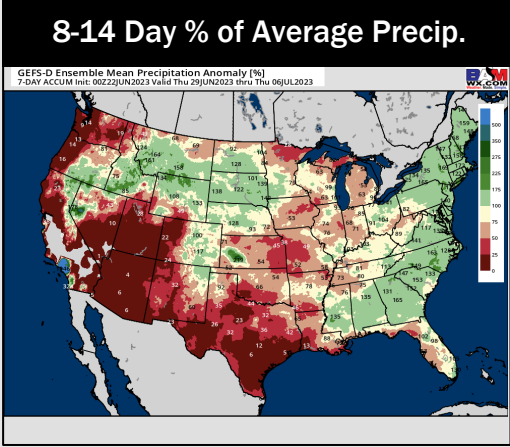
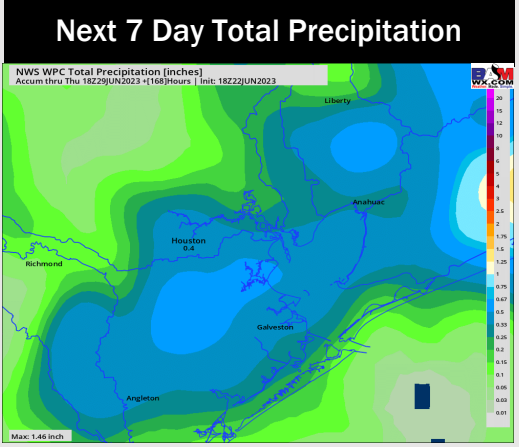
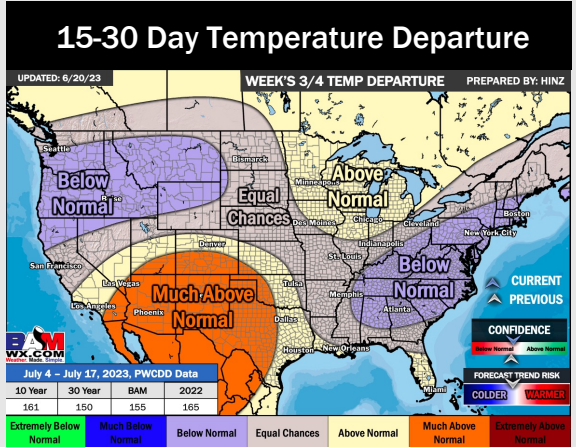
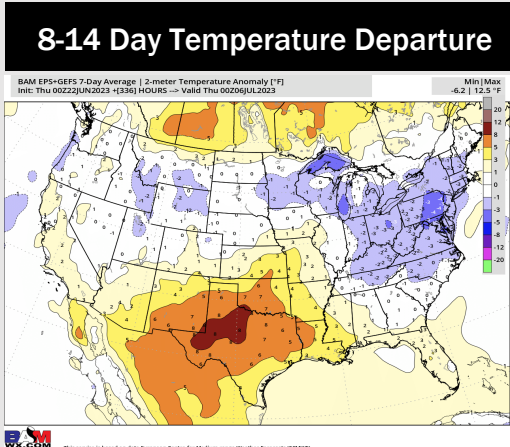
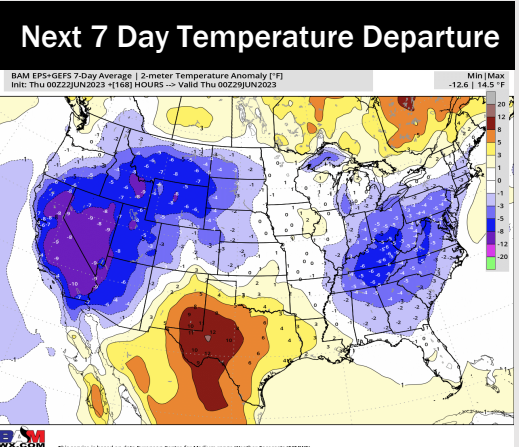


**Wind Speed:  
11 AM CT**



**High Temps  
Saturday**

# Houston Pilots: 6/22/23



- Above normal temperatures are favored over the next week. Expecting a few shots of strong storms over the next couple days followed by a dry stretch.
- Expecting much below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Above normal temperatures and below to near normal chances for precipitation are favored in the weeks 3/4 timeframe.