

# Houston Pilots Forecast Package



Updated: 5:00 AM CT

Thursday, June 22, 2023

Forecaster: Vince Bryan

## Weather Headlines

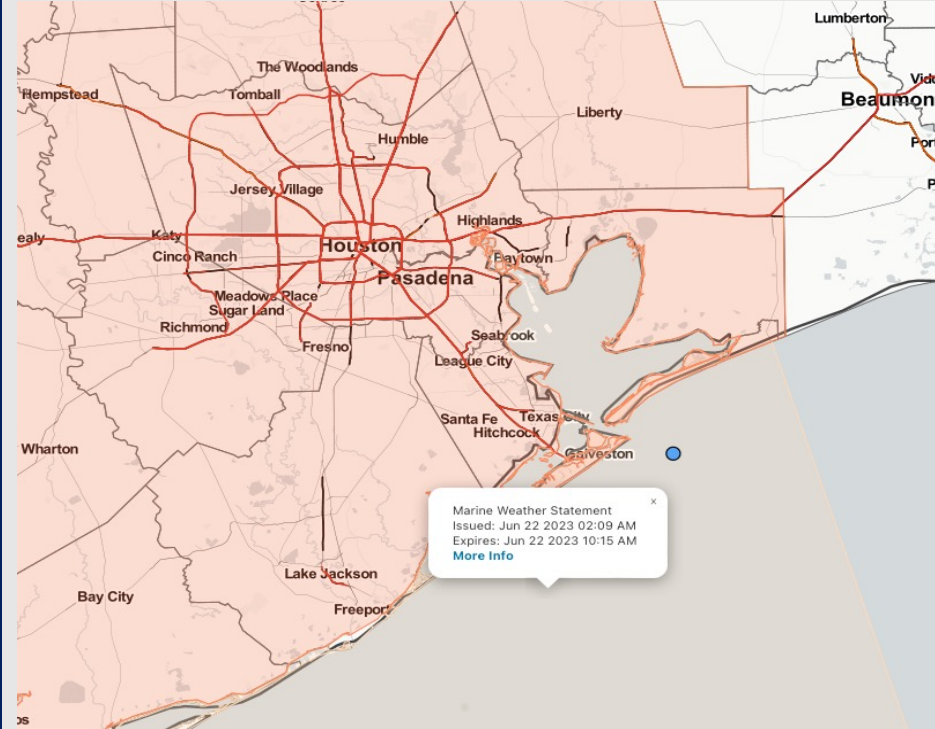
➤ Please check out details on the next 2 days as there are a few shots at strong to severe storms. Confidence remains lower than average as the evolution of storms will be highly dependent on how the pattern plays out in N/ NE TX.

➤ 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: 5:00 AM CT



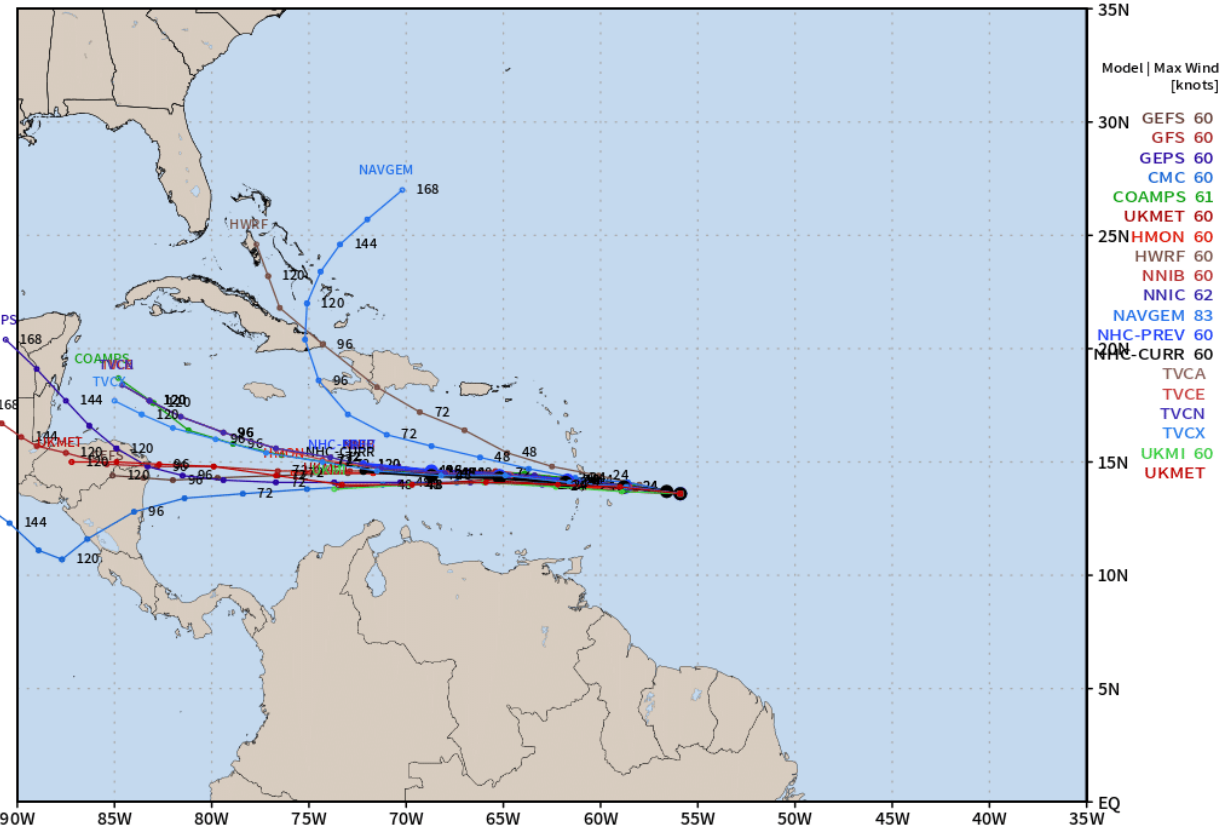
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Tropical Update



## Tropical Storm Bret Tracks Next 7 Days

AL03 BRET Guidance valid: 2023062206



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

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# Houston Pilots: Thur. 6/22/2023



## Forecast Discussion

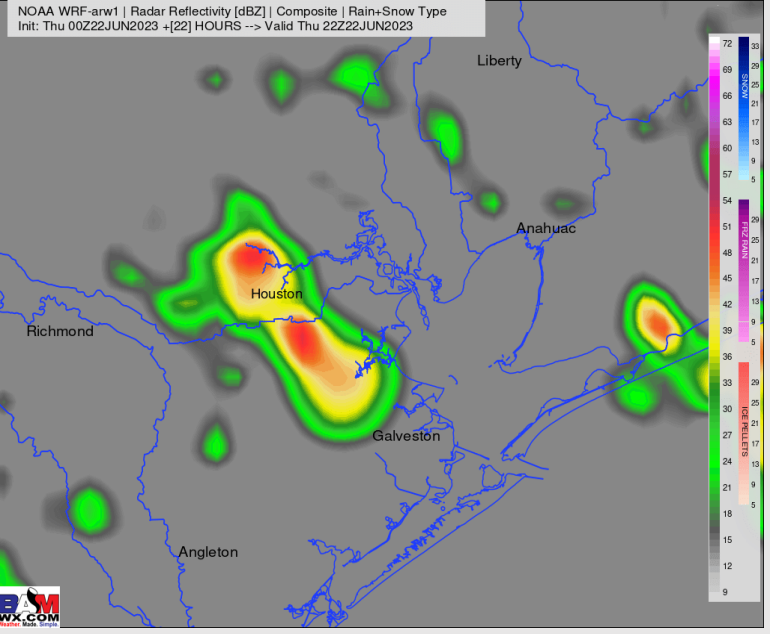
**Precip:** Very low end chance of an isolated shower/ t-storm through mid afternoon (10%). Beyond 3-4 PM is when chances will increase closer to 30% for a few scattered showers and thunderstorms to develop, some of which could be stronger. This threat will continue through the evening hours. Coverage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

**Wind:** Winds this AM will be out of the N before more shifting out of the S/SSE between 10-11 AM. Winds N of Morgan's Point will be 3-8 kts throughout the day today. Winds S of Morgan's Point will be 10-15 kts through 2 PM. After 2 PM, winds S of Morgan's Point will pick up to 13-18 kts for the rest of the day (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.

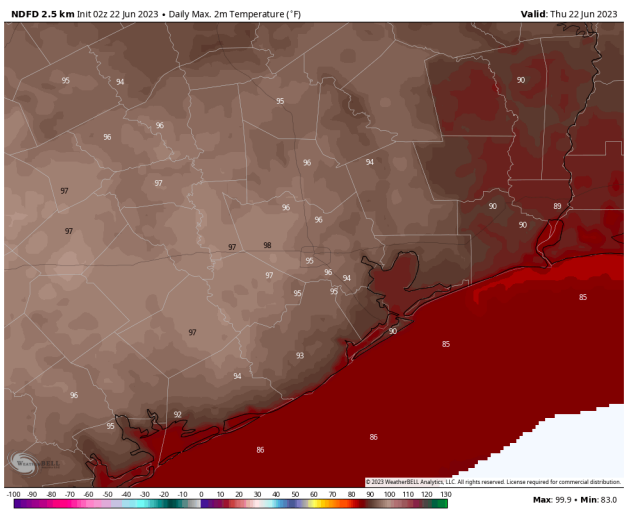
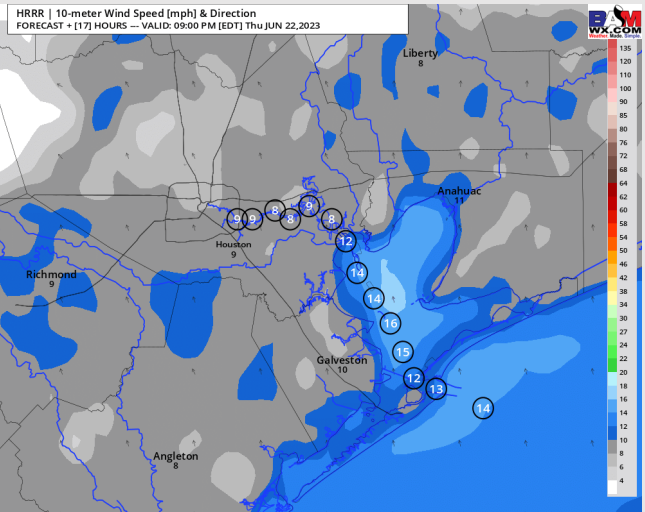
**Temps:** High temperatures will be in the mid to upper 80s F near the Boarding Station, in the low 90s F for all other stations S of Morgan's Point, and in the mid 90s F for stations N of Morgan's Point.

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

## Precip Image: 5 PM CT



Wind Speed:  
8 PM CT



High Temps  
Today

## Forecast Discussion

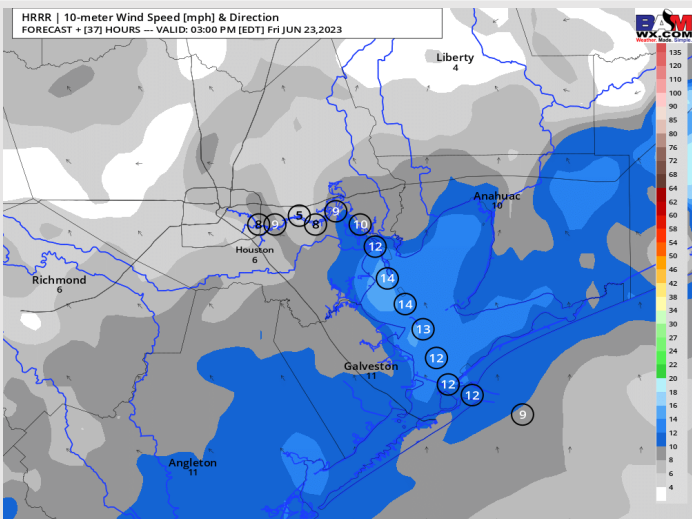
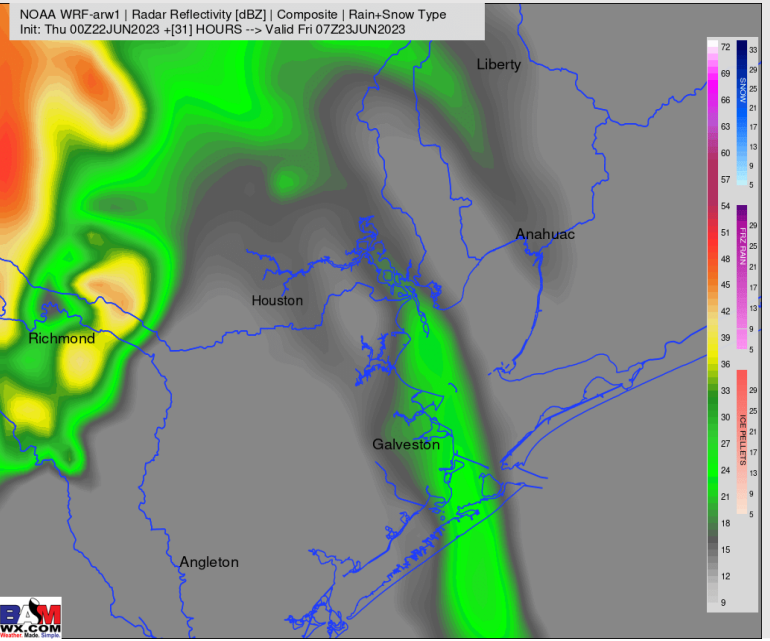
**Precip:** Exact details will once again need ironed out as we get a bit closer, but the potential for another round of strong to severe storms working into the area will be possible in the pre-dawn hours Friday. Current favored guidance would suggest this threat comes between 1-5 AM. There continues to be variances on speed, exact path, and timing, so chance of precip would be 60%. Main risk would be strong to severe winds.

**Wind:** Winds in the AM will be very dependent on the potential storm cluster, but winds from the NW with gusts 35-45+ kts would be possible under strong to severe storms. Outside of precip, winds N of Morgan's Point will be 3-8 kts through 10 AM, and then pick up to 6-11 kts for the rest of the day from the SE beyond 10 AM. Winds S of Morgan's Point will be 10-15 kts throughout the day Friday from the S/SE (non-precip gusts 15-20 kts possible at the boarding station)

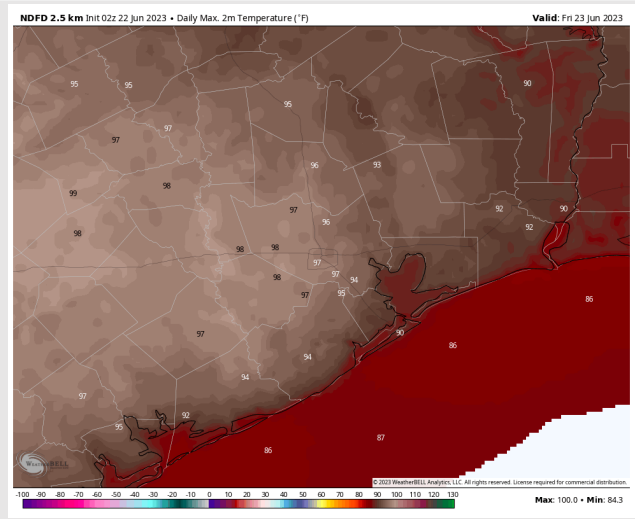
**Temps:** High temperatures Friday will be in the mid to upper 80s F near the Boarding Station, in the low 90s F for all other stations S of Morgan's Point, and in the mid 90s F for stations N of Morgan's Point.

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

## Precip Image: 2 AM CT



**Wind Speed:  
2 PM CT**



**High Temps  
Friday**

# Houston Pilots: Sat. 6/24/2023



## Forecast Discussion

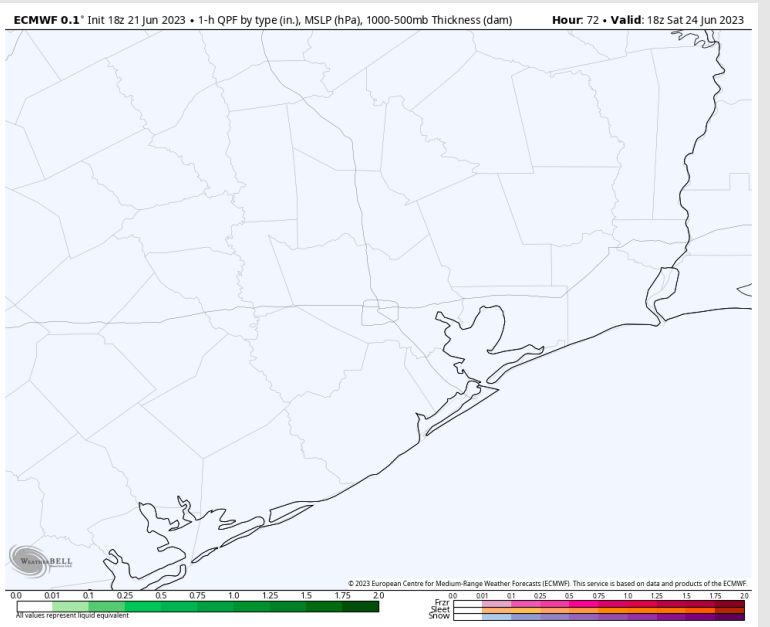
**Precip:** Favoring dry conditions throughout the day Saturday.

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

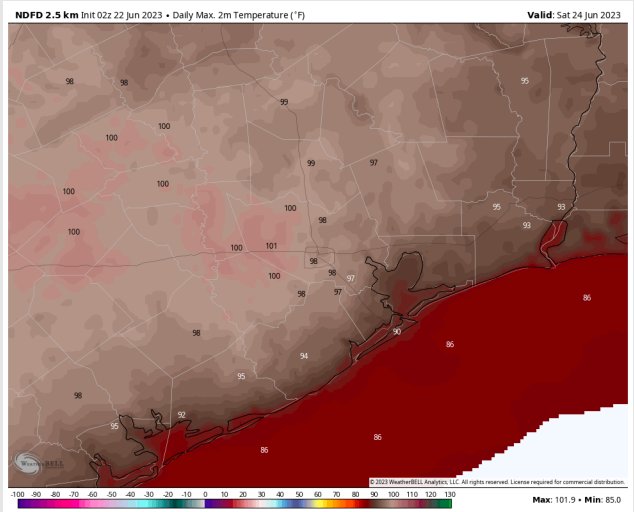
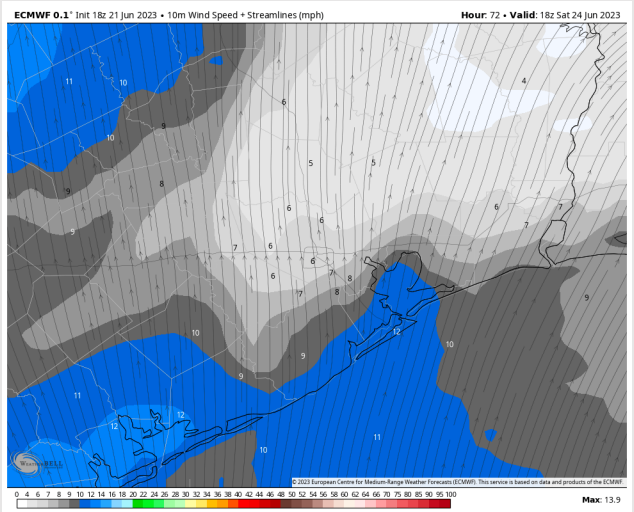
**Temps:** High temperatures Saturday will be in the mid/upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan's Point, and in the upper 90s F for stations N of Morgan's Point.

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

## Precip Image: 1 PM CT

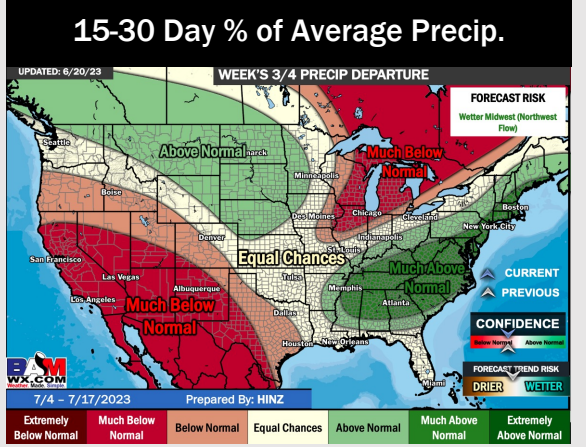
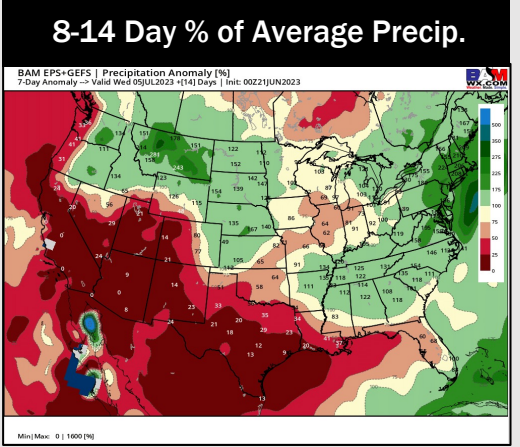
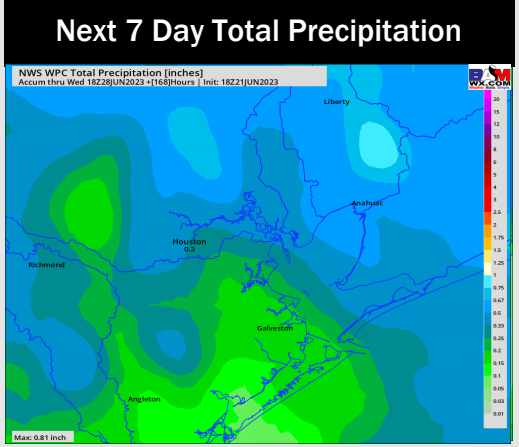
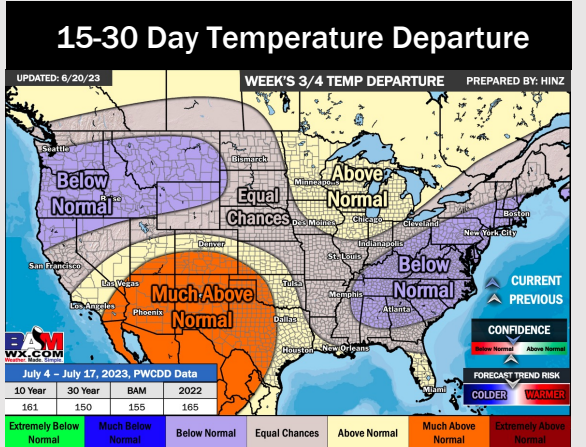
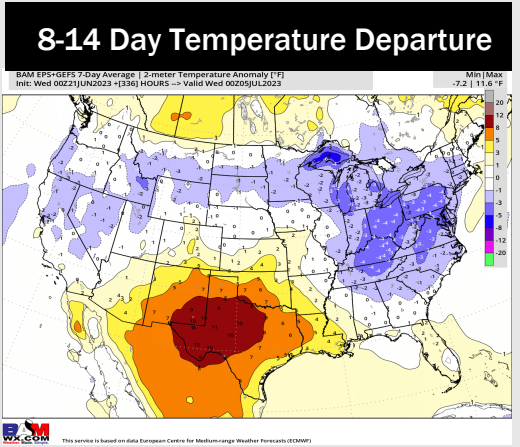
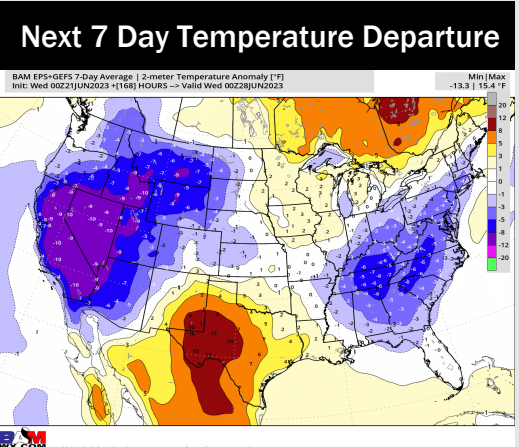


Wind Speed:  
1 PM CT



High Temps  
Saturday

# Houston Pilots: 6/22/23



- 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 to near normal chances for precipitation are favored in the weeks 3/4 timeframe.