

# Houston Pilots Forecast Package



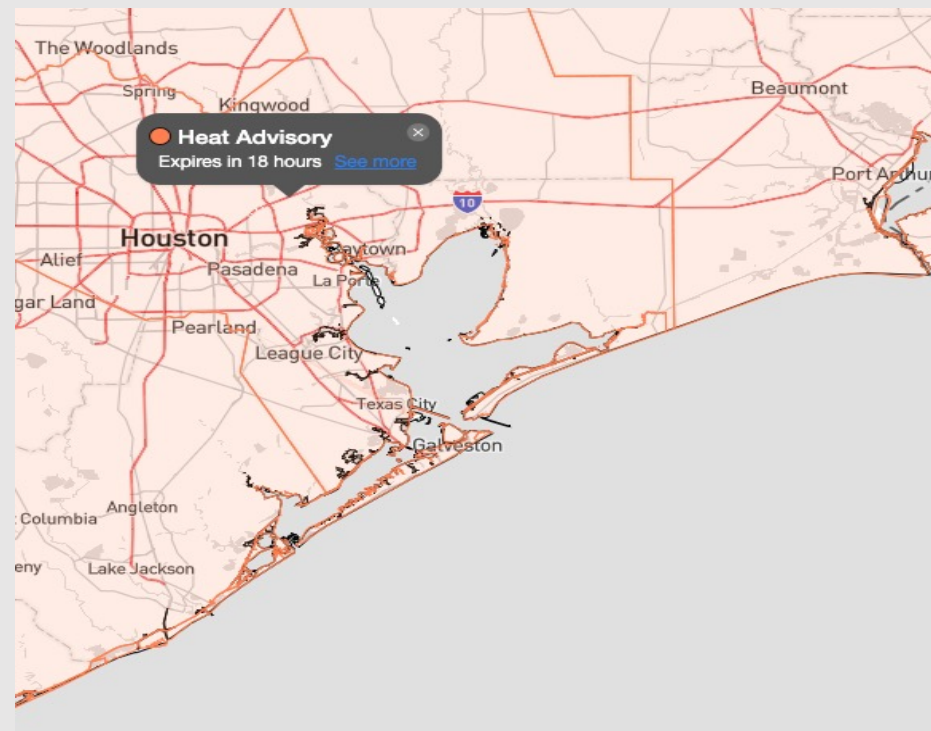
Updated: 4:30 AM CT

Thursday, July 20, 2023

Forecaster: Xander Lowry

## Weather Headlines

- Dry conditions are favored as we approach the weekend.
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX at this time.
- Not anticipating any risks for fog going forward.



**Radar/NWS Alerts: 4:30 AM CT**

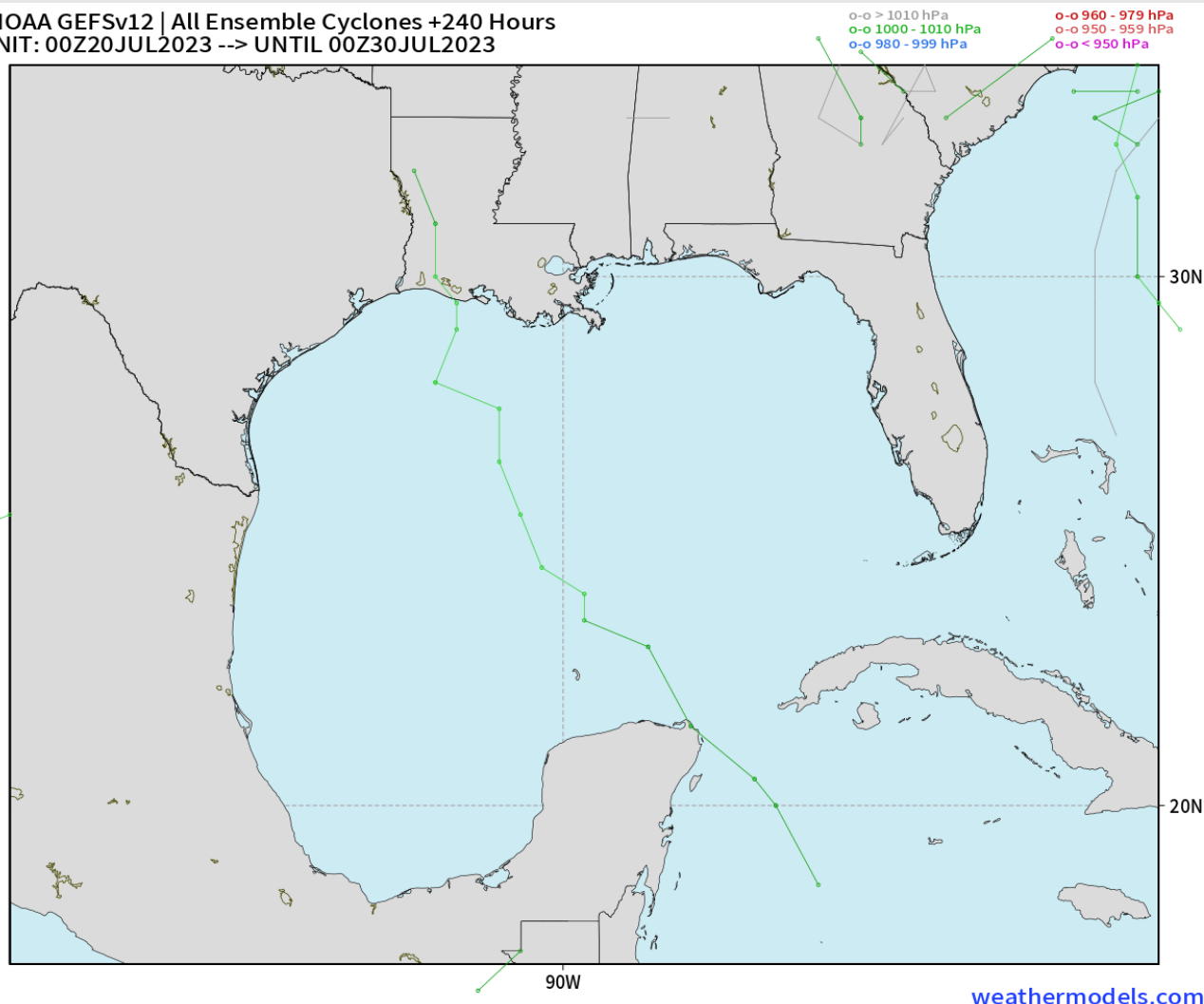


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on the Weather Porthole or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Houston Pilots Tropical Update

## American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours  
INIT: 00Z20JUL2023 --> UNTIL 00Z30JUL2023



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

No other areas of interest being noted across the Atlantic/Gulf.

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Time	Thu 3am	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	9	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	8	10	10	10	10	10	10	10	
Kinder 1	10	10	10	9	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7	8	10	10	10	10	10	10	10	
Greens Bayou	10	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	7	8	10	10	10	10	10	10	10	
Shell Crude	10	10	10	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	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	10	10	10	10	10	10	10	10	10	10	8	8	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	10	10	10	10	10	10	10	10	10	10	8	8	10	10	10	10	10	10	10	
Torgans 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	10	10	8	8	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	10	10	8	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	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	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	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	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	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



## Example

Sustained wind 13 Knots  
Gusts 18 Knots  
Wind from the N

WS: 13  
G:18  
N

Time Knots	Thu 3am	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	2	2	2	2	2	4	5	5	3	2	2	3	4	8	8	9	9	8	8	8	8	7	7	7	6	5	4	4	5	5	4	4	4	4	4	4	4	
Kinder 1	2	2	2	2	2	3	5	5	3	2	2	3	5	8	9	9	9	9	8	8	8	7	7	7	6	5	4	4	3	4	4	5	5	4	3	4		
reens Bayou	2	3	2	2	2	3	5	5	3	2	2	4	6	9	9	9	9	8	8	8	7	7	7	6	5	4	4	3	4	4	5	4	4	4	4	4		
Shell Crude	2	3	2	2	2	3	5	5	3	2	3	5	7	9	10	10	10	9	8	8	8	7	7	7	6	5	4	4	3	4	5	5	4	4	4	4		
Lynchburg Ferries	2	3	2	2	2	3	5	5	3	2	3	5	7	10	10	11	11	10	9	9	8	8	8	7	6	4	4	3	4	5	5	5	5	4	5	5		
Exxon 3	3	4	3	3	3	4	5	5	3	3	5	7	8	10	11	11	11	10	10	9	9	8	8	8	7	6	5	4	4	4	5	5	5	5	5	5	6	
organs Point	5	6	6	6	6	5	6	5	3	5	7	8	9	12	12	13	13	12	11	11	10	10	10	10	9	8	7	6	5	6	6	5	6	6	5	6	7	
75/76	8	8	9	9	8	7	6	5	2	6	8	9	12	14	13	15	15	14	13	12	12	12	12	11	10	9	8	7	6	6	7	6	5	6	8	8	10	
63/64	8	9	9	10	9	7	6	5	3	5	8	9	12	13	13	15	15	14	13	12	12	12	12	11	10	9	8	7	6	6	7	8	8	8	8	8	8	
51/52	9	10	10	10	9	8	8	7	6	5	7	9	12	12	13	14	14	13	12	11	11	12	11	10	9	8	7	6	6	7	5	5	5	6	8	8	10	
37/38	9	9	9	9	8	8	8	7	6	5	5	9	11	11	12	12	12	11	10	10	10	11	11	10	9	8	7	6	6	5	5	5	6	5	6	8	9	
25/26	8	8	8	8	7	7	8	7	6	4	5	8	10	10	10	10	10	9	8	8	9	9	9	9	8	7	5	5	5	5	5	5	5	6	7	8	8	
11/12	9	9	9	9	8	8	7	6	6	4	6	8	8	8	8	9	9	9	8	8	8	9	9	9	8	7	6	6	5	6	5	5	5	5	5	7	7	8
1 & 2 Bravo	11	11	11	11	10	9	8	6	5	4	3	5	7	7	8	9	10	10	9	9	10	10	11	11	10	9	8	7	7	6	5	5	5	5	5	6	8	8

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# Houston Pilots: Thur. 7/20/2023



## Forecast Discussion

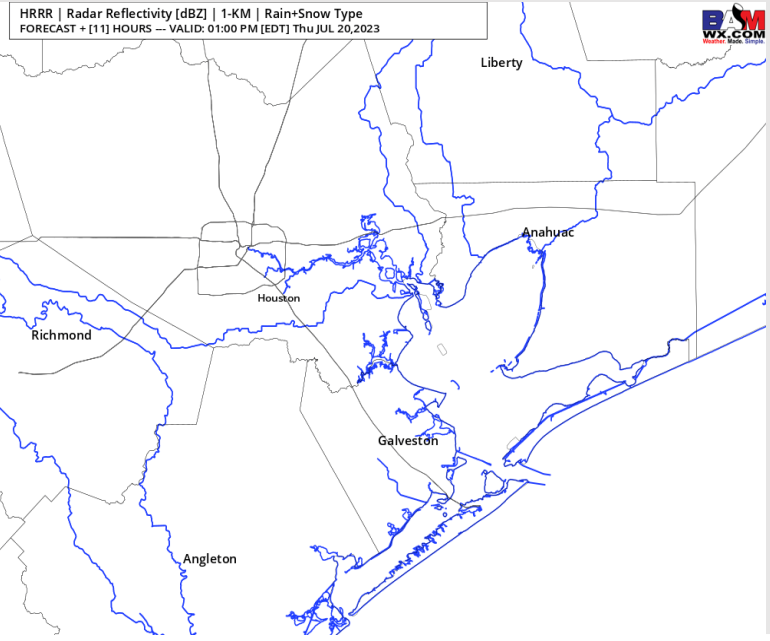
**Precip:** Favoring dry conditions throughout the day today.

**Wind:** Winds will be out of the S/SW throughout the day. Winds for Stations N of Morgan's Point will be at 3-8 kts until 4 PM, after which time they will increase to 8-13 kts for the remainder of the evening. Winds S of Morgan's Point will be at 10-15 kts through 7 AM, then winds will decrease to 5 - 10 kts until 3 PM. After 3 PM winds will pick back up to 13 - 18 kts for the rest of the day. **Winds gusts of 18-23 kts are possible for stations S of Morgan's point until 7 AM and then for all stations after 4 PM today.**

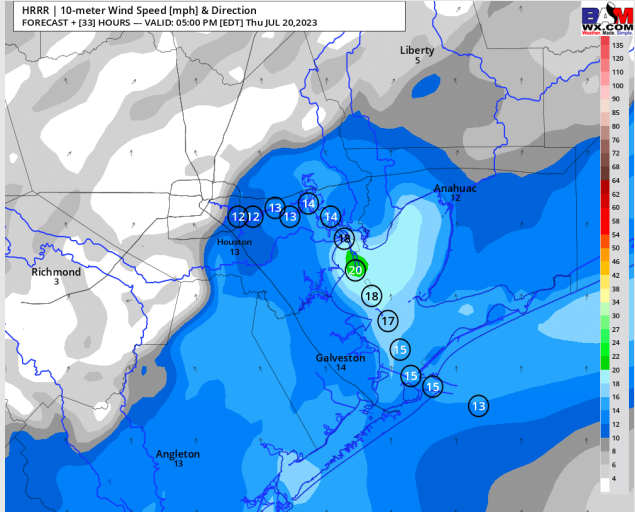
**Temps:** High temps will be in the mid/upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and upper 90s F N of Morgan's Point.

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

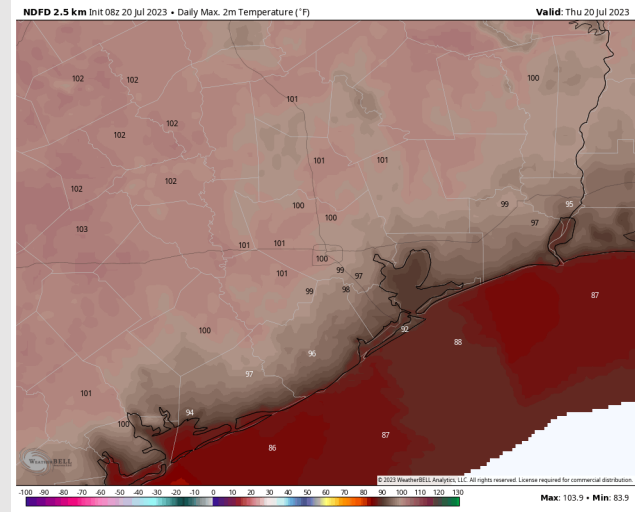
## Precip Image: 12 PM CT



Wind Speed:  
4 PM CT



High Temps  
Today



# Houston Pilots: Fri. 7/21/2023

## Forecast Discussion

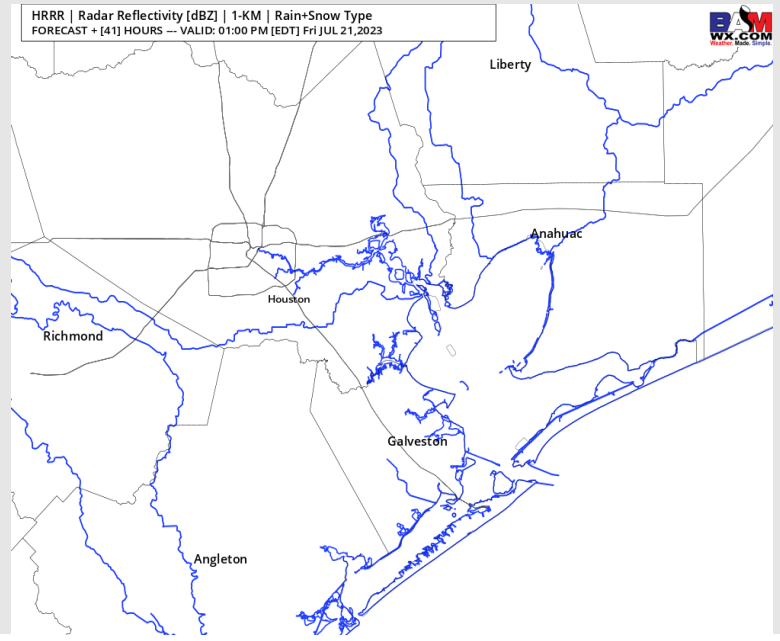
**Precip:** Favoring dry conditions throughout the day Friday.

**Wind:** Winds will be out of the S/ SW until 5 AM when then they will shift to be out of the W/NW until 8 AM. After 8 AM winds will shift back to being out of the S/SW for the rest of the day. Winds will be 3-8 kts for Stations N of Morgan's Point through 6 PM . After 6 PM winds will slightly increase to 6-11 kts for the rest of the day. Winds S of Morgan's Point will be 8-13 kts through 5 AM. After 5 AM, favoring winds S of Morgan's Point to decrease to 5-10 kts through 3 PM. Then after 3 PM, favoring winds S of Morgan's Point to increase back to 11-16 kts for the rest of the day. **Wind gusts of 18-23 kts are possible after 4 PM for all stations Friday.**

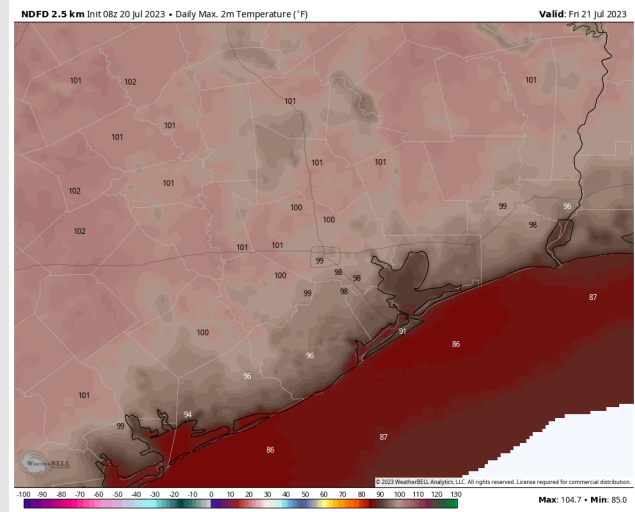
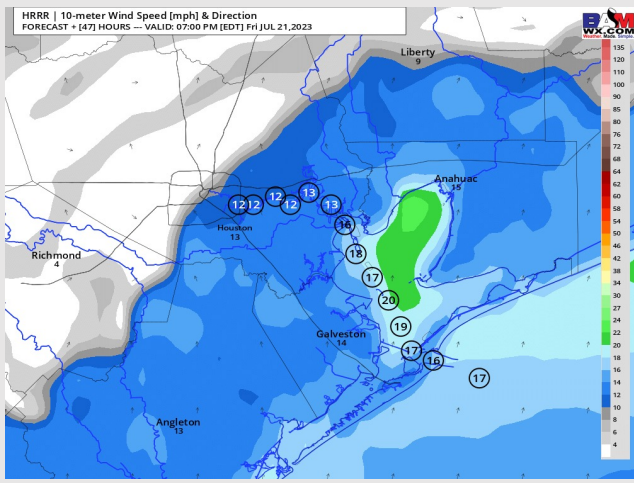
**Temps:** High temperatures Friday will be in the mid/upper 80s F near the Boarding Station, in the low/mid 90s F for all other stations S of Morgan's Point, and in the upper 90s F for stations N of Morgan's Point.

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

## Precip Image: 12 PM CT



**Wind Speed:  
6 PM CT**



**High Temps  
Friday**

# Houston Pilots: Sat. 7/22/2023



## Forecast Discussion

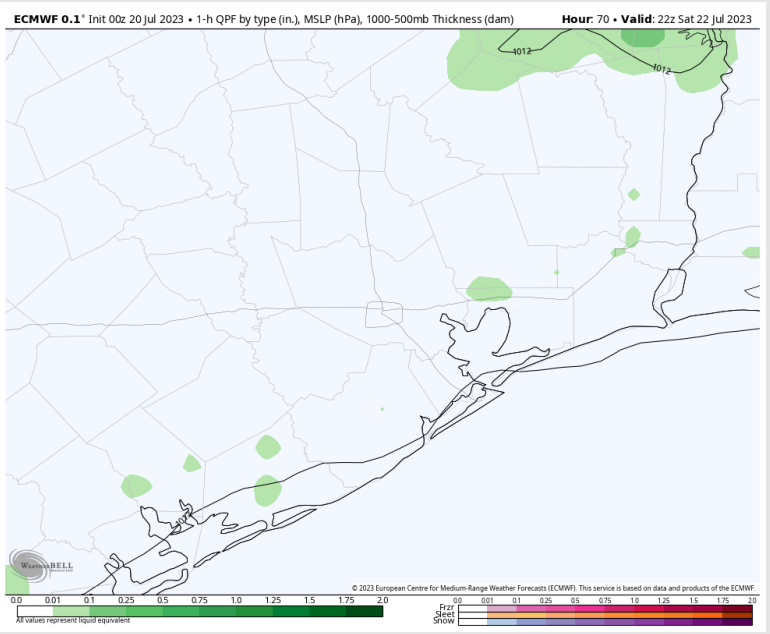
**Precip:** Favoring dry conditions for most of the day Saturday aside for a 10-20% chance for an isolated shower/thunderstorm from 5-8 PM.

**Wind:** Winds will be out of the SW throughout the day. Winds for Stations N of Morgan's Point will be at 2-7 kts until 7 PM, after which time they will increase to 6-11 kts for the remainder of the evening. Winds S of Morgan's Point will be 11-16 kts through 7 AM. After 7 AM winds S of Morgan's Point will decrease to 5-10 kts through 3 PM. Then after 3 PM, winds S of Morgan's Point will increase to 12-17 kts for the rest of the day. **Wind gusts of 18-23 kts will be possible for all stations after 6 PM Saturday.**

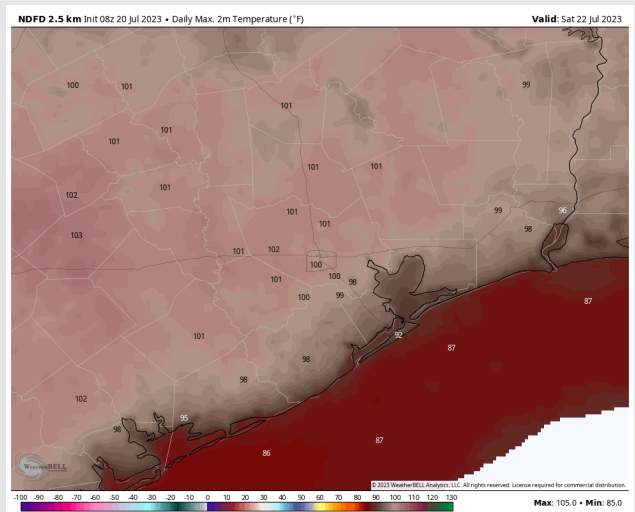
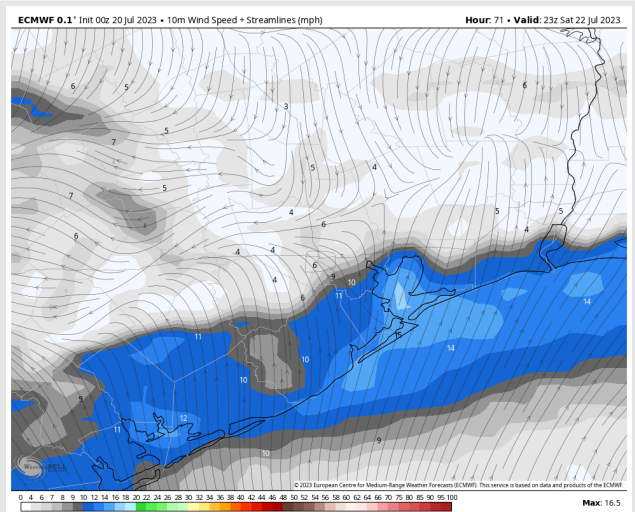
**Temps:** High temperatures Saturday will be in the mid/upper 80s F near the Boarding Station, in the low/mis 90s F for all other stations S of Morgan's Point, and in the upper 90s F/near 100 F for stations N of Morgan's Point.

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

## Precip Image: 5 PM CT

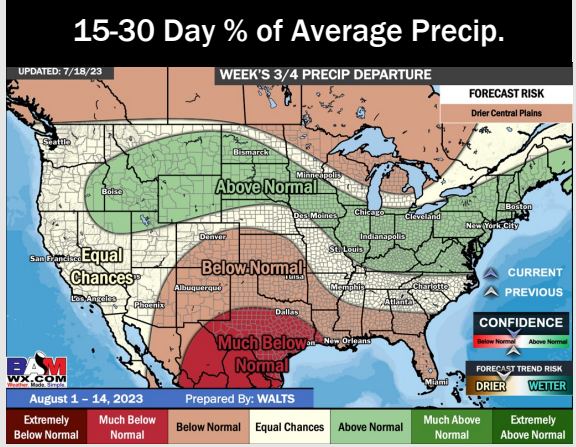
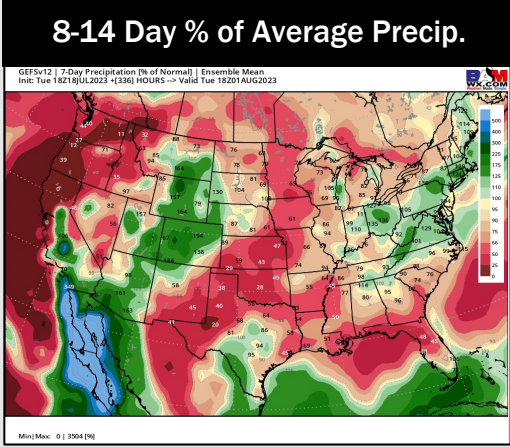
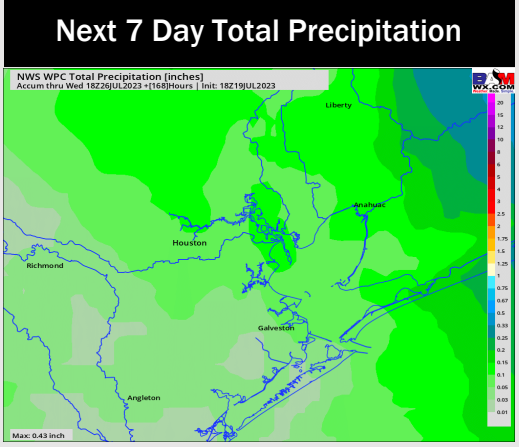
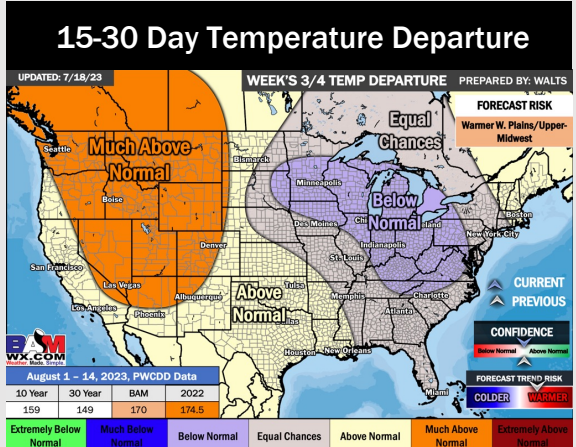
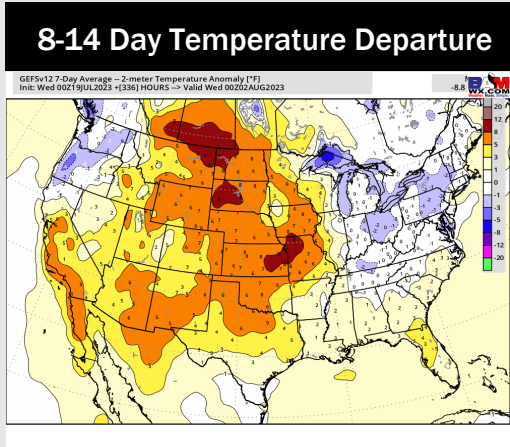
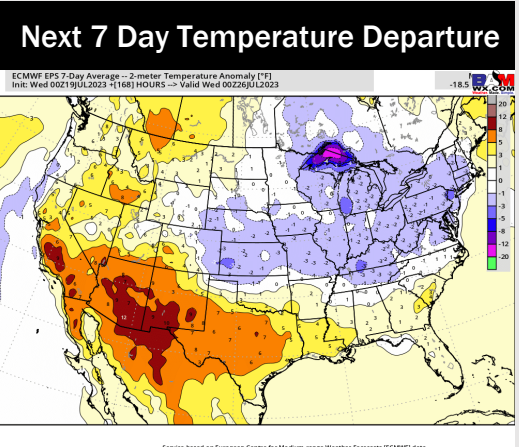


Wind Speed:  
6 PM CT



High Temps  
Saturday

# Houston Pilots: 7/20/23



- Above normal temperatures are favored over the next week. Anticipating low-end rain chances to make their way back into the area late this week.
- Expecting much below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Above normal temperatures and much below normal chances for precipitation are favored in the weeks 3/4 timeframe.