

# Houston Pilots Forecast Package

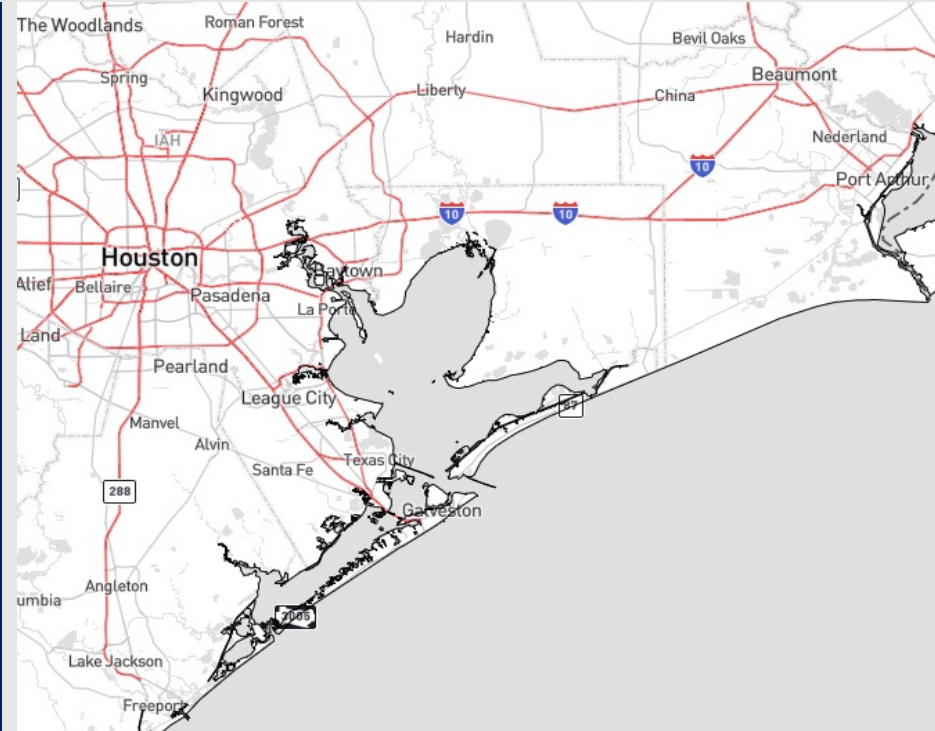


Updated: 5:00 AM CT  
Friday, July 28, 2023

Forecaster: Xander Lowry

## Weather Headlines

- Pop-up chances will continue to be possible over the next few days (low end 10% chances)
- Excessive heat concerns (90+ F) to continue throughout at least next week.
- No active tropical threats to SE TX for next 7-10 days.
- Winds are primarily favored to remain calm, especially during the morning hours (<10 kts) with speeds seldom exceeding 15 kts in the PM over the next 72 hours.



**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.

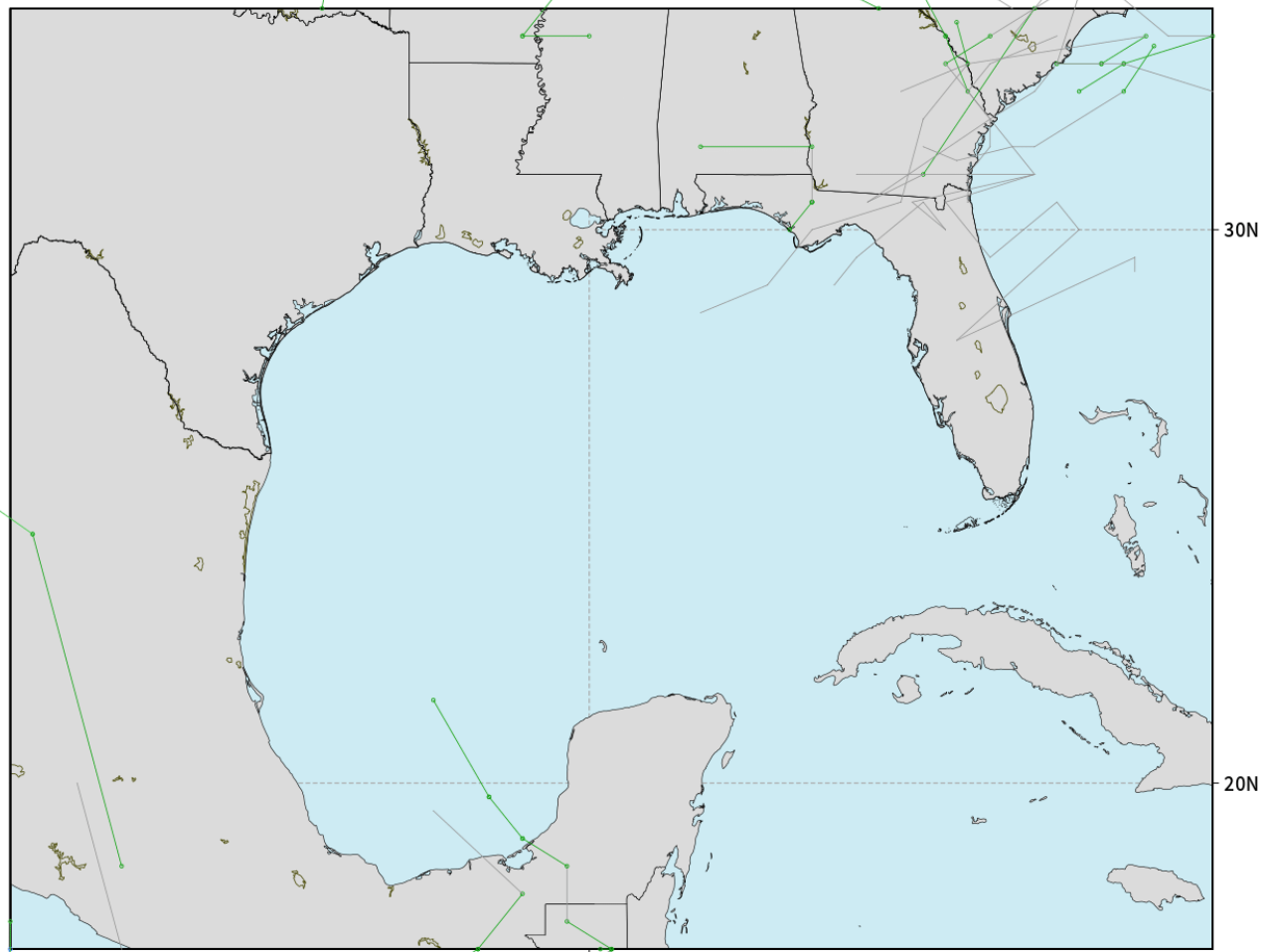
# Houston Pilots Tropical Update



## American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours  
INIT: 00Z28JUL2023 --> UNTIL 00Z07AUG2023

- o-o > 1010 hPa
- o-o 1000 - 1010 hPa
- o-o 980 - 999 hPa
- o-o 960 - 979 hPa
- o-o 950 - 959 hPa
- o-o < 950 hPa



weathermodels.com

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	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	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm		
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	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	10	10	10	10	10	10	10	10	10	10	10	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	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
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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	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	Fri 9pm	Fri 10pm	Fri 11pm	Sat 12am	Sat 1am	Sat 2am	Sat 3am	Sat 4am	Sat 5am	Sat 6am	Sat 7am	Sat 8am	Sat 9am	Sat 10am	Sat 11am	Sat 12pm	Sat 1pm		
610 Bridge	2	2	1	1	2	2	0	2	3	3	3	3	6	7	7	8	9	9	8	7	6	6	4	4	4	3	3	2	2	2	2	3	3	3	3	3		
	6	5	3	2	2	2	1	5	4	4	4	4	8	9	9	10	11	11	11	10	10	9	7	7	6	5	5	4	3	2	2	3	4	5	5	5		
Kinder 1	2	2	1	1	2	2	0	1	3	3	3	4	7	8	8	8	9	9	8	7	6	6	4	4	4	3	3	2	2	2	3	3	3	3	3			
	6	6	3	2	2	2	1	5	4	4	5	5	8	9	10	11	11	11	11	10	10	9	7	7	6	5	5	4	3	2	4	4	5	5	5			
Greens Bayou	2	2	1	1	2	2	1	1	3	3	4	5	7	8	8	9	9	9	8	7	6	6	4	4	4	3	3	2	2	2	2	3	3	3	4	3		
	7	7	4	2	2	2	1	5	5	5	5	6	8	10	11	11	11	11	11	10	10	8	7	7	6	5	5	4	3	3	4	4	5	4	5	5		
Shell Crude	3	2	2	1	2	2	1	1	3	3	4	5	6	7	9	9	10	9	8	7	6	5	5	4	4	3	3	2	2	2	3	3	3	4	4	4		
	7	7	5	3	2	3	1	5	4	5	6	7	9	11	11	12	12	11	11	10	9	8	7	7	6	5	5	4	3	3	4	5	5	5	5	5		
Lynchburg Ferries	3	3	2	1	2	2	1	1	3	4	6	6	7	9	9	10	11	10	9	7	7	6	5	5	4	4	4	3	2	2	3	3	3	4	4	4		
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Exxon 3	3	3	3	2	2	2	1	1	3	5	6	7	8	10	10	11	11	11	9	8	7	6	6	5	5	4	4	3	3	3	3	3	4	5	5	5		
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Morgans Point	5	5	4	3	3	2	1	0	3	5	6	7	9	11	11	13	12	12	10	9	8	8	7	7	6	5	5	4	4	4	3	4	3	4	5	6	8	
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1 & 2 Bravo	9	9	8	6	5	3	1	2	3	3	5	5	6	7	9	9	9	9	9	8	8	8	8	8	7	7	6	5	4	5	4	4	4	4	4	4	4	4
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## Forecast Discussion

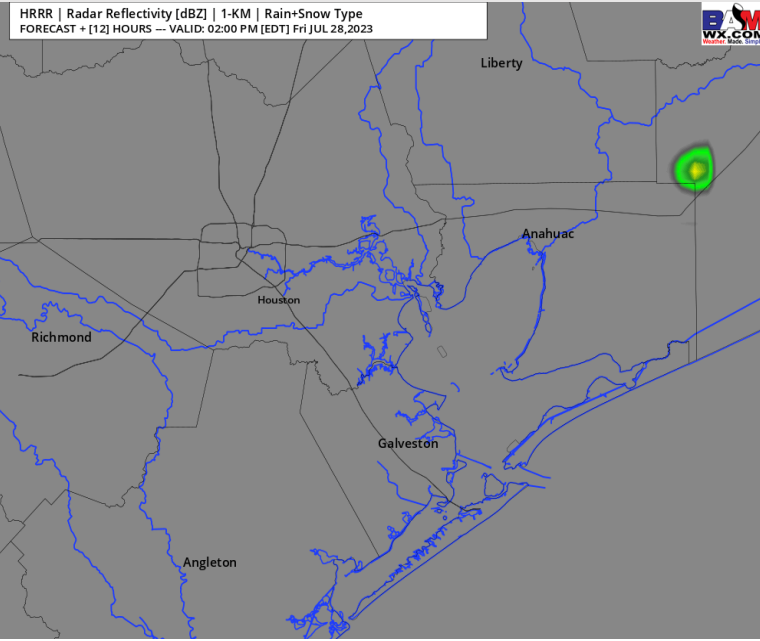
**Precip:** Anticipating dry conditions for the majority of the day, with an isolated shower/thunderstorm (10%) possible for Stations S of Morgan's Point between 5 - 7 AM and for stations N of Morgan's point between 1 - 7 PM. After 7 PM expect conditions to remain dry for the rest of the evening.

**Wind:** Winds will be out of the SW during the morning hours today before shifting to out of the S/SE by 11 AM and remaining that way for the rest of the day. Winds north of Morgan's point will be near-calm at 1 - 6 kts through 3 PM when then they will increase to 7-12 kts for the rest of the day. Winds south of Morgan's point will be 2 - 7 kts through 1 PM. After 1 PM winds will increase to 12 - 17 kts for the rest of the day.

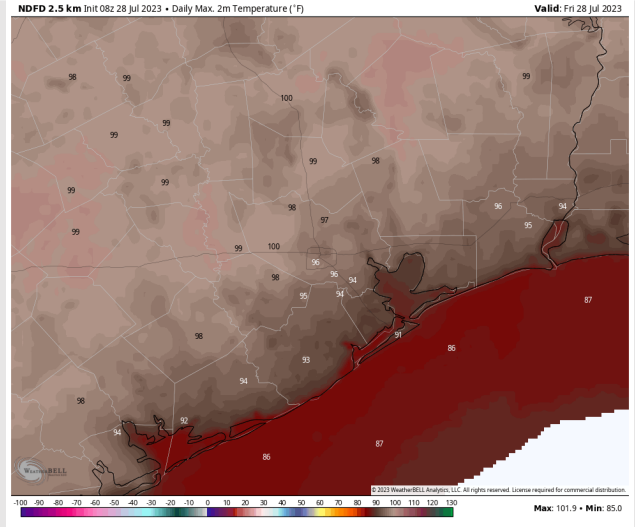
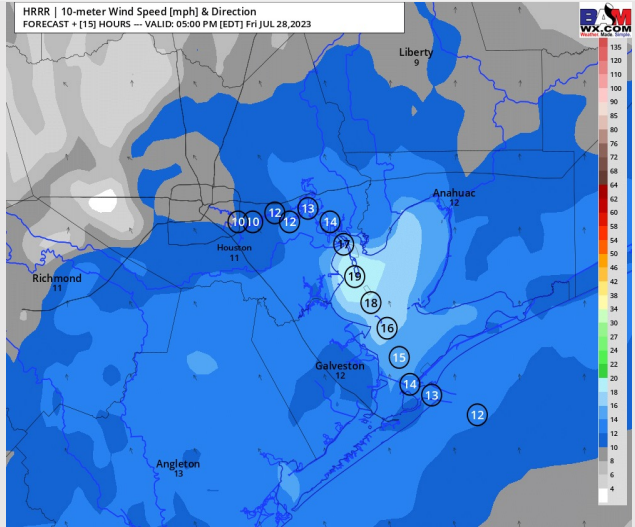
**Temps:** High temperatures today will be in the mid/upper 90s near 100 F north of Morgan's Point and in the lower 90s F south of Morgan's Point. The Boarding Station can expect temperatures in the upper 80s F.

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

## Precip Image: 1 PM CT



Wind Speed:  
4 PM CT



High Temps  
Today

# Houston Pilots: sat. 7/29/2023



## Forecast Discussion

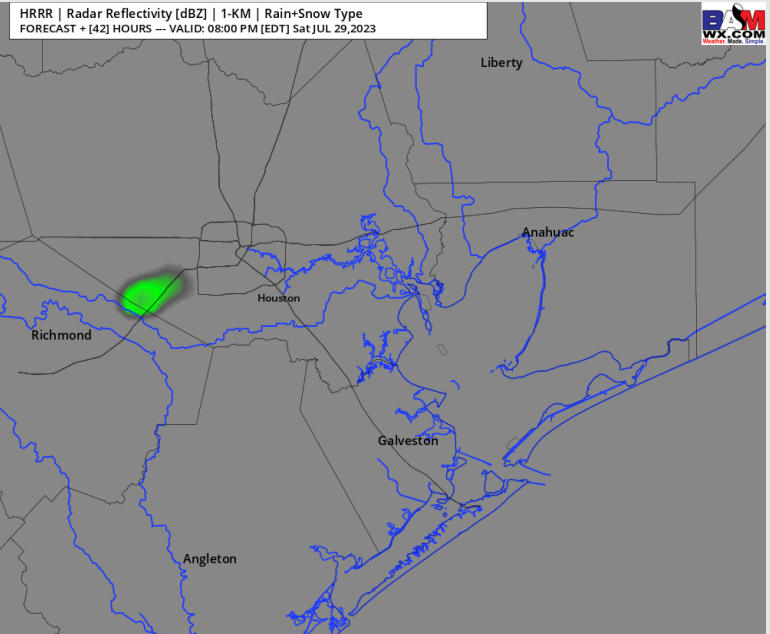
**Precip:** Favoring mostly dry conditions Saturday, aside for a 10% chance for an isolated shower/thunderstorm from 12 – 7 PM. After 7 PM expect conditions to be dry for the rest of the evening.

**Wind:** Winds will be out of the S/SW throughout the day Saturday. For stations N of Morgan's point winds will be 2 – 7 kts until 3 PM when then winds will increase to 6 – 11 kts for the rest of the evening. Stations S of Morgan's points will have winds of 5-10 kts until 5 AM. After 5 AM winds will decrease to 2-7 kts until 1 PM. After 1 PM winds will increase to 11-16 kts for the rest of the day.

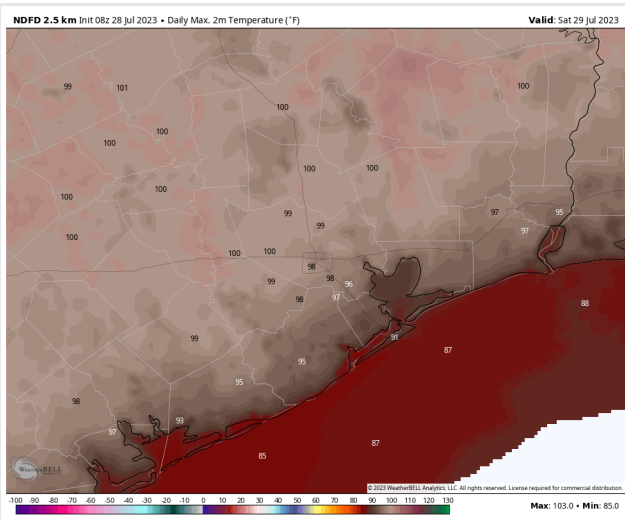
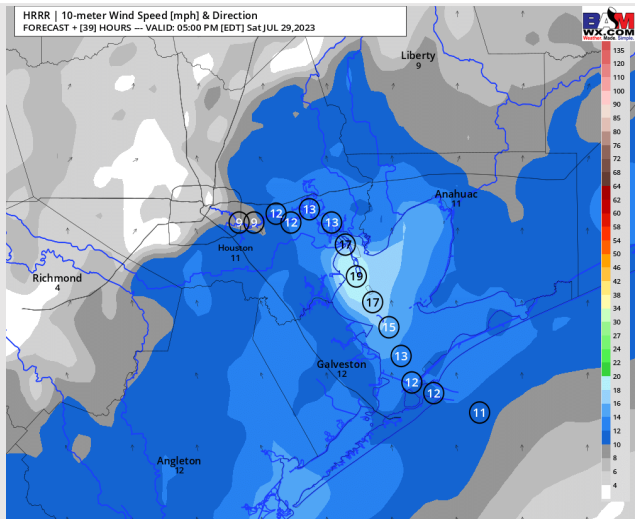
**Temps:** High temperatures Saturday will be in the upper 80s for the Boarding Stations, low/mid 90s F for all other Stations S of Morgan's Point and in the upper 90s near 100 F N of Morgan's Point.

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

## Precip Image: 7 PM CT



Wind Speed:  
4 PM CT



High Temps  
Saturday

# Houston Pilots: Sun. 7/30/2023



## Forecast Discussion

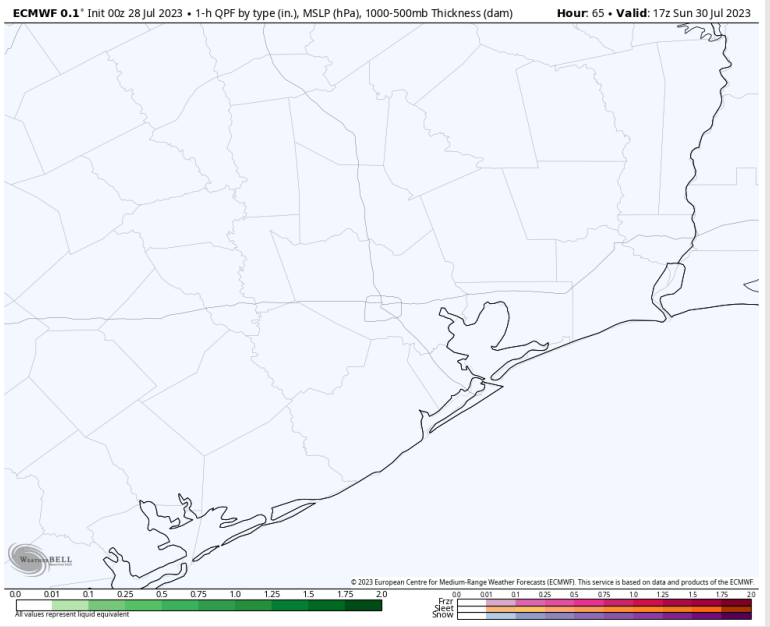
**Precip:** Favoring dry conditions throughout the day Sunday.

**Wind:** Winds will be out of the S/SW throughout the day for all stations. For stations N of Morgan's Point, winds of 2 – 7 kts will continue through 5 PM. After 5 PM winds will increase to 5 – 10 kts for the rest of the evening. For stations S of Morgan's point, winds will be at 5 – 10 kts through 6 AM, after which time winds will calms to 2 – 7 kts through 4 PM. After 4 PM winds will increase to 7 – 12 kts for the rest of the day.

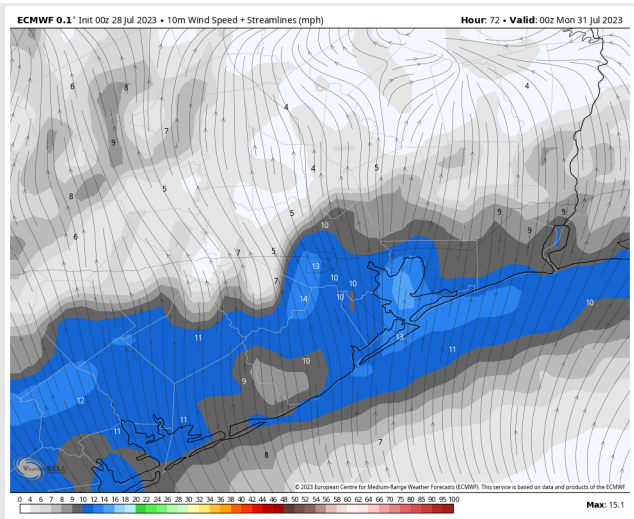
**Temps:** High temperatures Sunday will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and upper 90s near 100 F N of Morgan's Point.

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

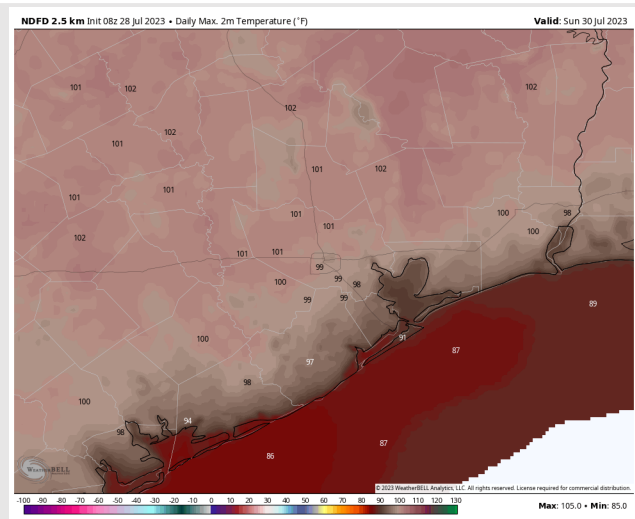
## Precip Image: 12 PM CT



Wind Speed:  
7 PM CT

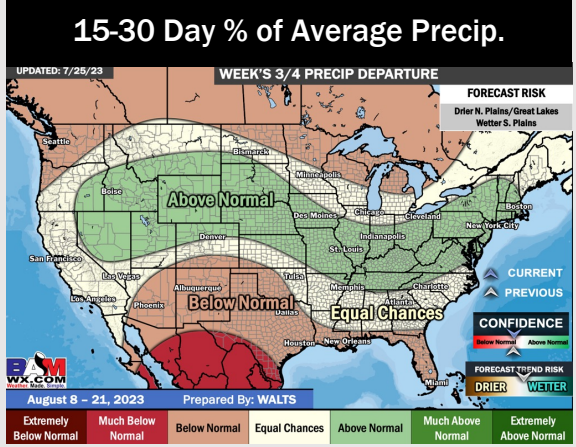
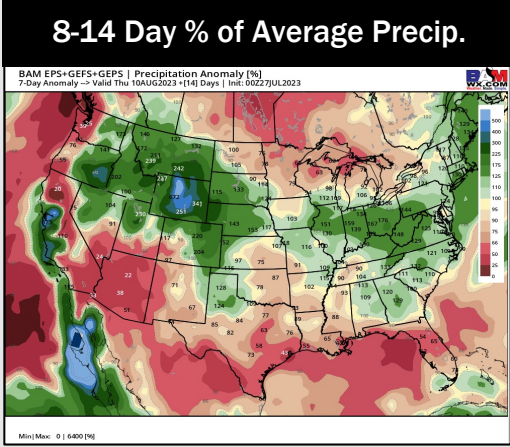
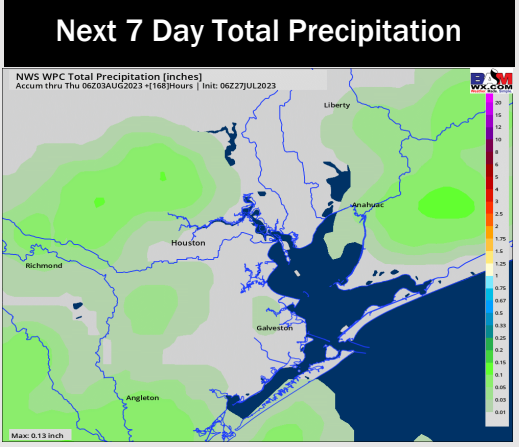
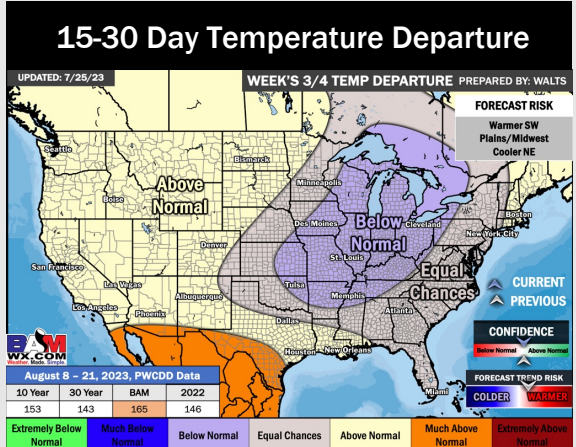
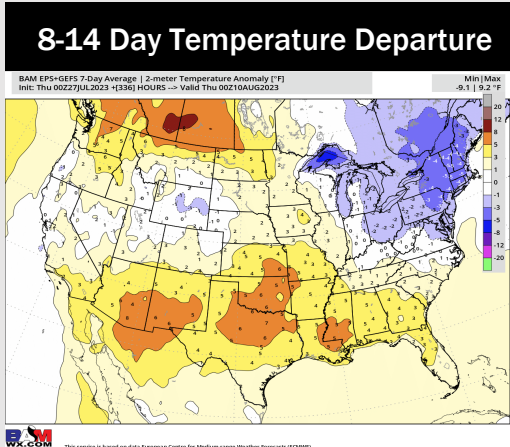
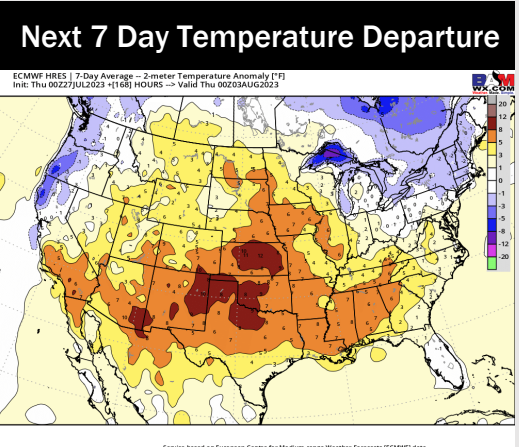


High Temps  
Sunday





# Houston Pilots: 7/28/23



- Above normal temperatures are favored over the next week. Anticipating low-end rain chances to be possible for the area over the next few days.
- 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.