

# Houston Pilots Forecast Package



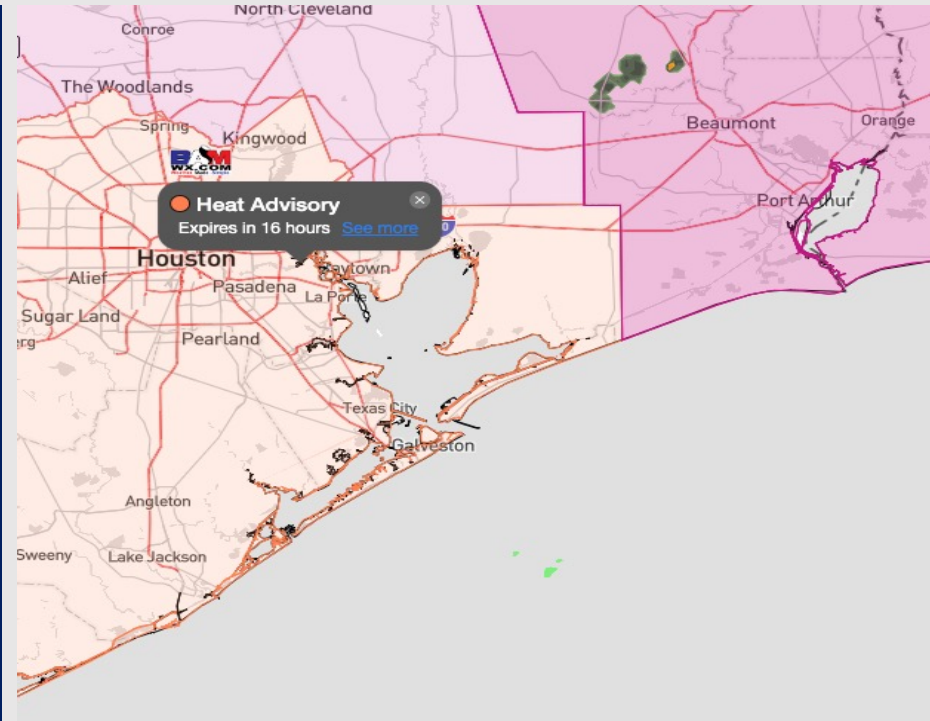
Updated: 4:45 AM CT

Tuesday, August 1, 2023

Forecaster: Xander Lowry

## Weather Headlines

- Drier conditions are favored over the next few days.
- 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 17 kts in the PM over the next 72 hours. Periods of slightly elevated wind gusts are expected tonight.



**Radar/NWS Alerts: 4:45 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.

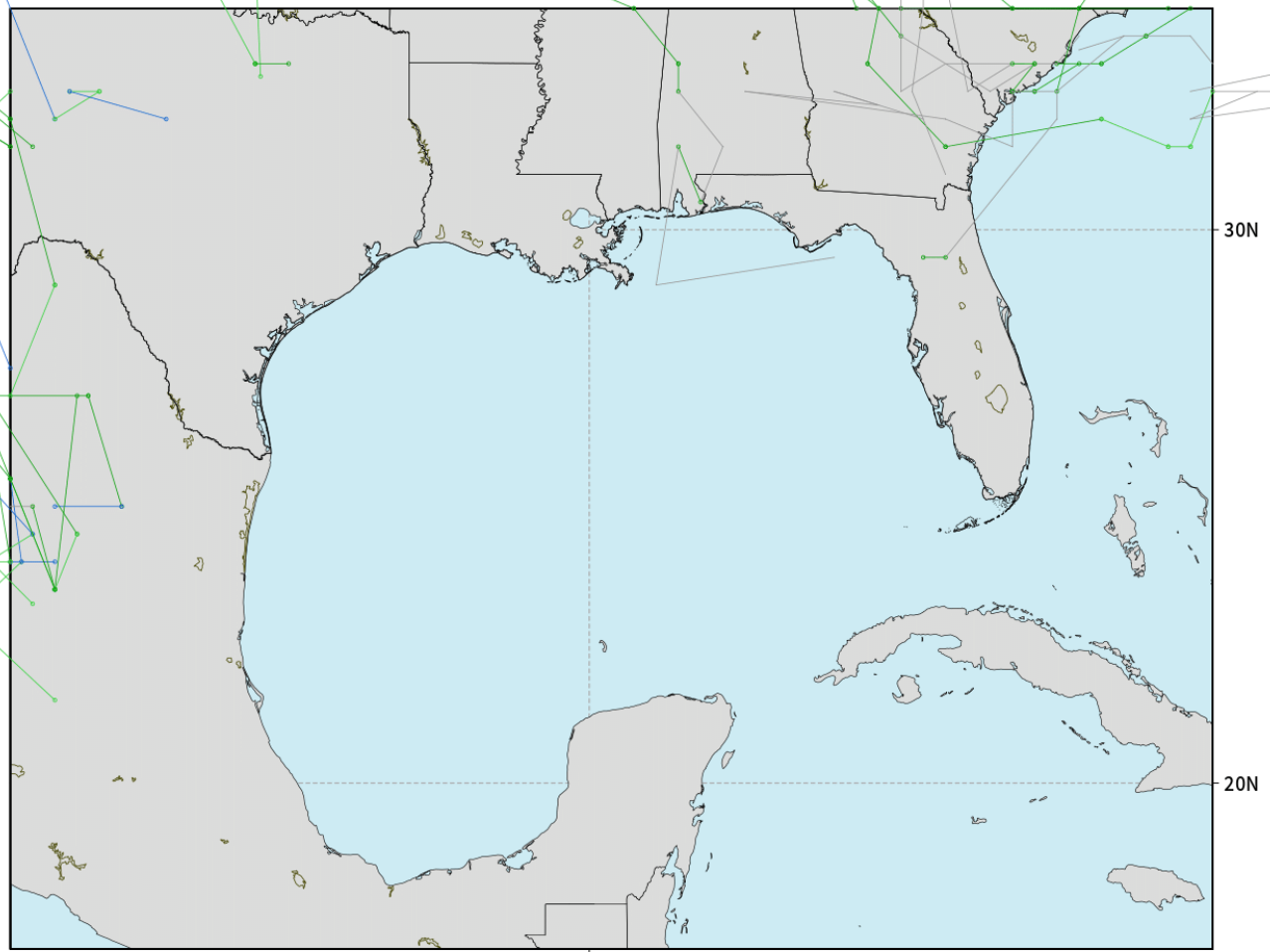
# Houston Pilots Tropical Update



## American Model Low Pressure Tracks Next 10-Days

NOAA GEFSv12 | All Ensemble Cyclones +240 Hours  
INIT: 00Z01AUG2023 --> UNTIL 00Z11AUG2023

- o-o > 1050 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



90W

[weathermodels.com](http://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)



Time	Tue 3am	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	10	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		
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	8	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	8	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	9	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	8	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		
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	
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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	
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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	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	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	Tue 3am	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	4	2	2	0	1	2	3	2	1	2	1	2	2	4	6	7	8	8	7	6	6	5	5	4	4	4	3	3	2	2	3	3	4	5	6	
	WSW	SW	WSW	SSE	WSW	WSW	WSW	WSW	S	SSE	SE	ESE	ESE	SE	SE	SSE	SSE	S	S	S	S	SSW	SSW	SW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SSE	SE	SE
Kinder 1	4	3	1	0	1	2	3	2	1	2	1	2	3	5	6	8	8	8	7	6	6	5	5	4	4	3	2	2	3	3	3	4	5	6		
	WSW	SW	W	ESE	SSW	WSW	WSW	WSW	S	SSE	SE	ESE	ESE	SE	SE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SSE	SE	SE	
Greens Bayou	4	3	1	0	1	2	3	2	1	1	1	2	3	5	7	8	8	8	7	6	6	5	5	4	4	3	2	2	3	3	3	3	4	5	7	
	WSW	SW	W	E	W	WSW	WSW	WSW	S	SSE	SE	ESE	SE	SE	SE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SSE	SE	SE
Shell Crude	4	3	1	1	1	2	3	2	1	1	2	3	4	6	7	8	9	8	7	6	6	5	5	4	4	3	2	2	3	3	3	3	3	5	5	7
	WSW	SW	WNW	NE	NW	W	WSW	WSW	SSW	SSE	SE	ESE	SE	SE	SE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SSE	SE	SE
Lynchburg Ferries	4	3	0	1	1	2	3	2	1	1	2	3	5	6	7	9	10	9	8	7	6	6	5	4	4	3	3	3	3	3	3	3	5	6	8	
	WSW	WSW	W	NE	NW	W	WSW	WSW	SW	S	SSE	SE	ESE	SE	SSE	SSE	S	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SSE	SE	SE	
Exxon 3	4	3	1	2	2	2	3	2	2	3	4	5	6	7	8	10	12	13	12	11	10	9	8	8	7	7	6	5	5	5	5	5	6	7	8	10
	SW	WSW	W	ENE	NW	W	WSW	SSW	S	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SW	SW	SW	SW	WSW	WSW	WSW	WSW	WSW	SSE	SE	SSE
Morgans Point	5	4	2	2	3	3	3	2	3	4	5	6	8	10	12	12	12	11	9	8	8	7	7	7	6	6	5	4	4	4	4	4	4	6	7	9
	WSW	WSW	WNW	SSW	NW	W	WSW	SSW	SSE	SE	SSE	SSE	SSE	SSE	SSE	SSE	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SSE	SE	SSE
75/76	6	6	4	4	5	5	3	2	3	4	6	6	8	10	12	14	14	13	11	10	10	9	8	8	7	6	5	5	5	5	4	4	6	7	10	
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63/64	5	6	5	4	6	5	3	2	2	3	5	6	7	11	13	14	14	12	11	10	10	9	8	8	7	6	5	5	5	5	4	4	5	7	9	
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37/38	5	5	4	4	6	6	4	2	1	3	3	4	7	10	11	12	12	10	9	8	8	8	7	7	6	5	4	4	4	4	3	4	6	8	10	
	WSW	WSW	WSW	WNW	WNW	WNW	W	WNW	SSE	SSE	SSE	SSE	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	WSW	W	W	WSW	S	SE	SE	
25/26	6	4	4	4	5	5	4	2	1	2	3	4	7	10	10	10	10	9	7	7	7	7	7	7	6	5	4	3	3	4	4	3	5	7	8	
	WSW	WSW	WSW	WNW	WNW	WNW	W	WSW	S	SSE	SSE	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	S	SE	SE
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	WSW	WSW	WSW	W	WNW	WNW	WNW	W	WSW	S	SSE	SSE	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SW	SW	WSW	WSW	WSW	W	W	W	W	WSW	SSE	SE
1 & 2 Bravo	5	5	5	5	6	7	5	3	2	3	5	8	10	10	10	9	10	9	9	9	9	9	8	8	7	6	5	5	5	4	4	4	5	6	7	
	SSW	SW	SW	WSW	W	WNW	WNW	WNW	W	SW	SSW	SSW	S	S	S	S	S	S	S	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	WSW	WSW	W	W	W	W	W	W

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# Houston Pilots: Tue. 8/1/2023



## Forecast Discussion

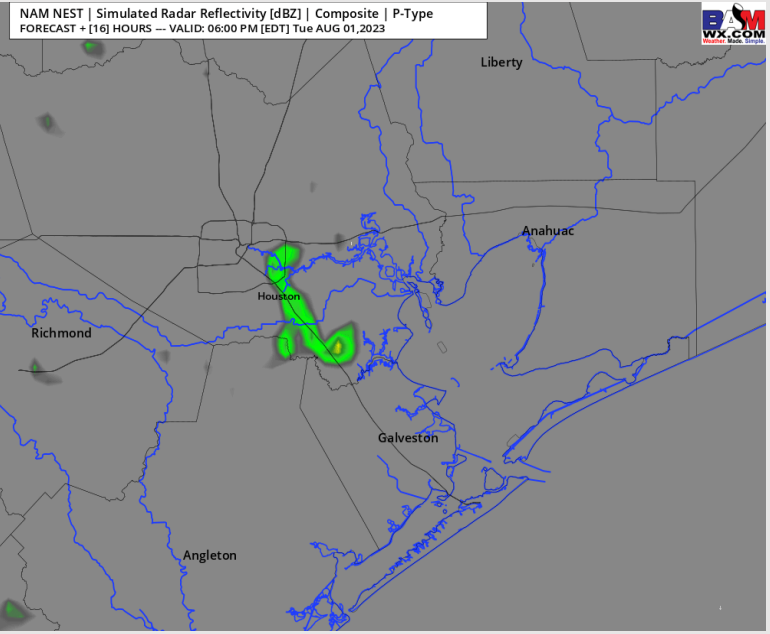
**Precip:** Favoring mostly dry conditions throughout the day, with low end potential for a pop-up shower/storm between 3PM-7PM for stations N of Morgan's Point.

**Wind:** Winds will be out of the S/SW throughout the day. For Stations N of Morgan's Point winds will be 2 - 7 kts until 6 PM, thereafter they will increase to 5-10 kts for the remainder of the evening. Stations S of Morgan's Point will see winds of 5-10 kts until 4 PM, after which time winds will increase to 10-15 kts for the rest of the day.

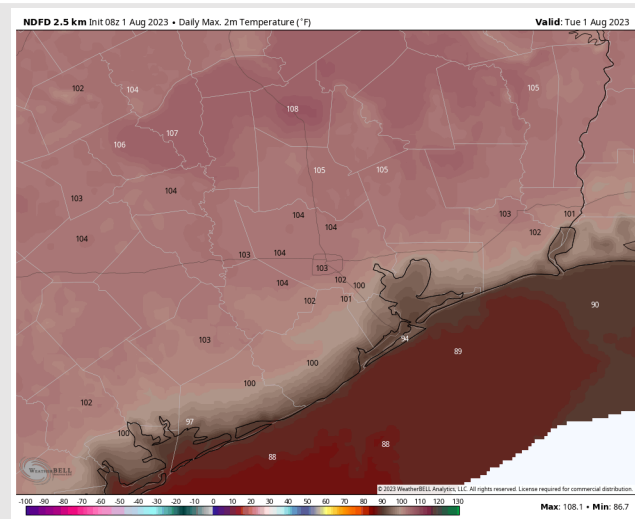
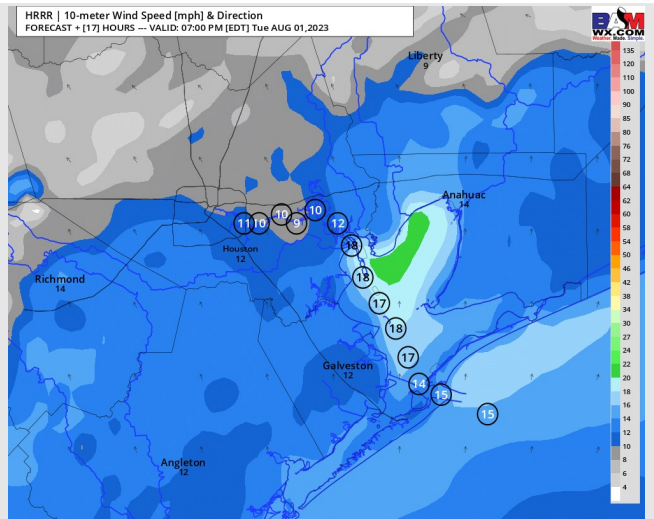
**Temps:** High temperatures will be in the upper 80s for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and in the low 100s F N of Morgan's Point.

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

## Precip Image: 5 PM CT



Wind Speed:  
6 PM CT



High Temps  
Today



# Houston Pilots: Wed. 8/2/2023



## Forecast Discussion

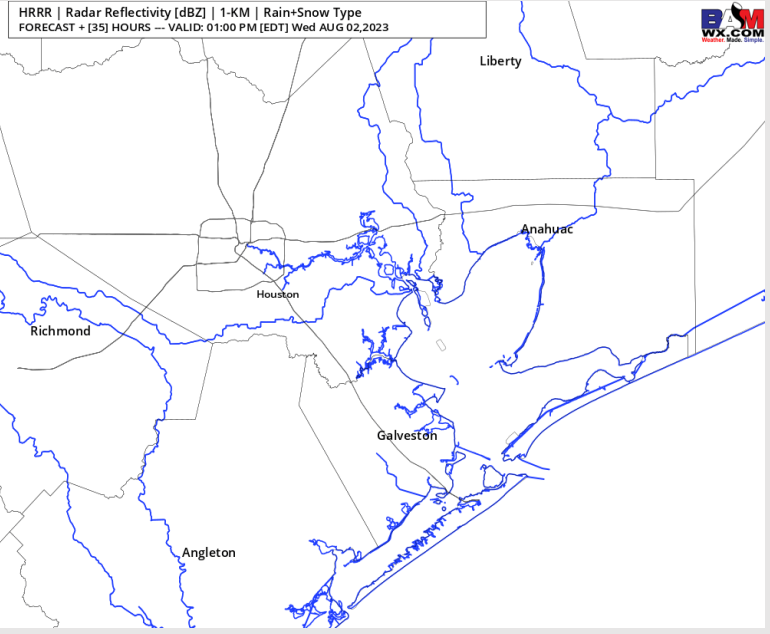
**Precip:** Favoring dry conditions throughout the day Wednesday.

**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 3 PM. After 3 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 7 – 12 kts through 8 AM, after which time winds will calm to 2 – 7 kts through 2 PM. After 2 PM winds will increase to 10–15kts for the rest of the day. **Wind gusts of 17-21 kts are possible for stations N of Morgan's points after 2 PM**

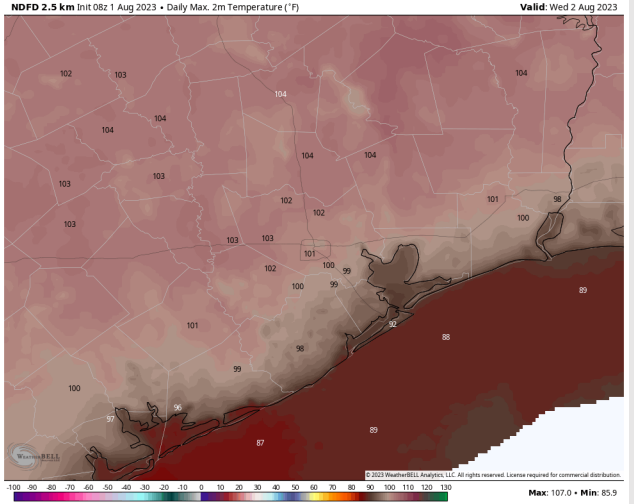
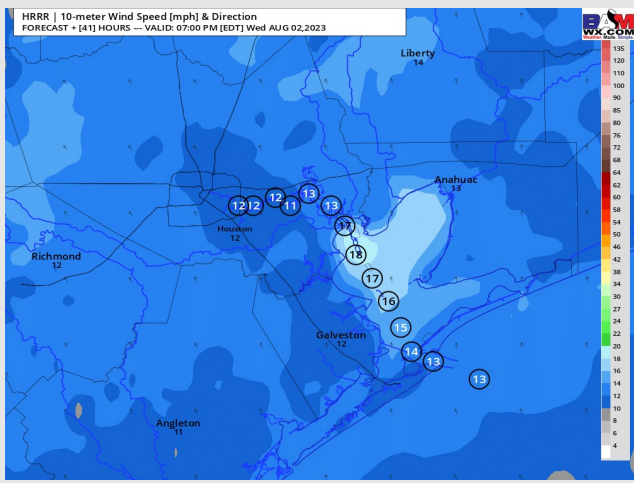
**Temps:** High temperatures Wednesday will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and upper 90s/low 100s F N of Morgan's Point.

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

## Precip Image: 12 PM CT



Wind Speed:  
5 PM CT



High Temps  
Wednesday

# Houston Pilots: Thur. 8/3/2023



## Forecast Discussion

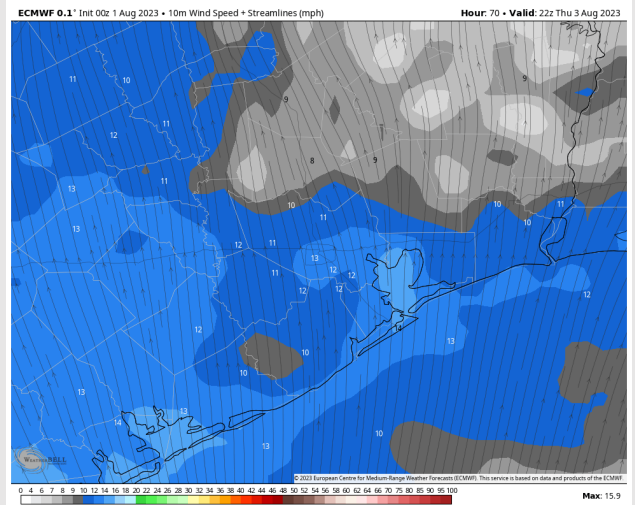
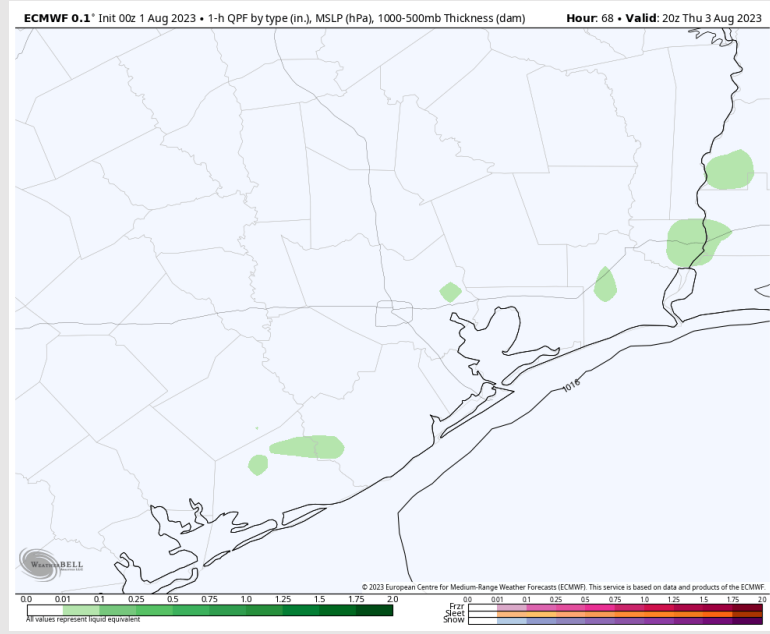
**Precip:** Mostly dry conditions are favored Thursday, aside from a low-end (10%) pop-up shower/thunderstorm risk between 2-5 PM.

**Wind:** Winds will be out of the SW through 3PM, when then they will shift to be out of the S for the rest of the day. Winds for stations N of Morgan's Point will be 2-7kts until 3 PM. After 3PM, winds will be 6-11kts for the rest of the day. For stations S of Morgan's Points winds will be 7-12kts until 8 AM. After 8 AM winds will decrease slightly to 5-10kts until 1 PM. After 1 PM winds will increase to 7-12kts for the rest of the day. **Wind gusts of 18-22 kts are possible for stations N of Morgan's points after 3 PM**

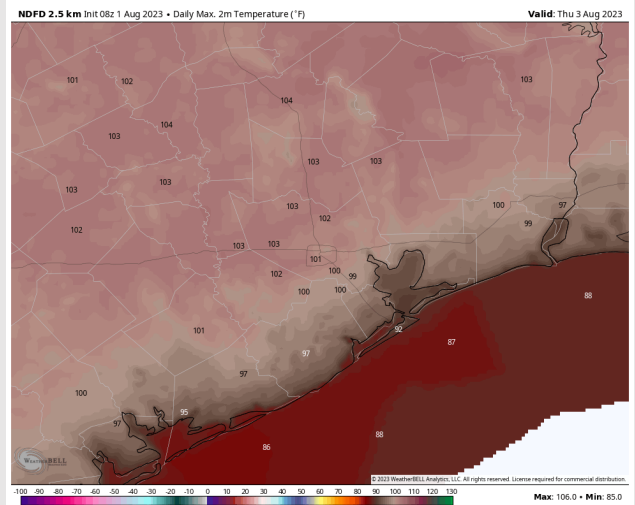
**Temps:** High temperatures Thursday will be in the upper 80s F for the Boarding Station, low/mid 90s F for all other Stations S of Morgan's Point and upper 90s/low 100s F N of Morgan's Point.

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

## Precip Image: 1 PM CT

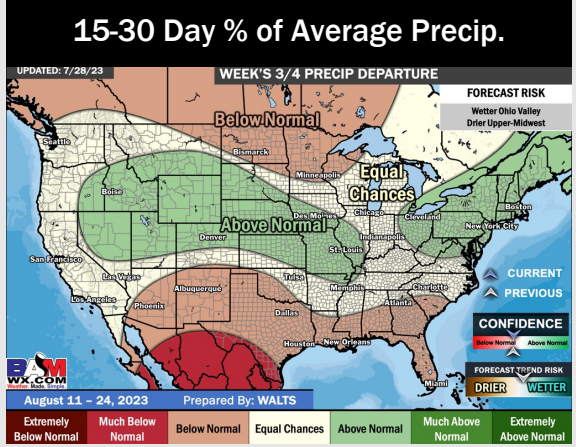
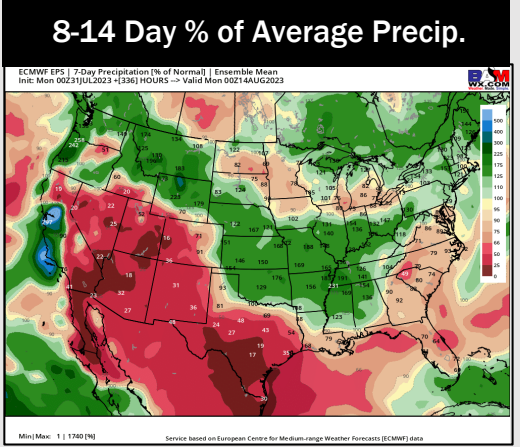
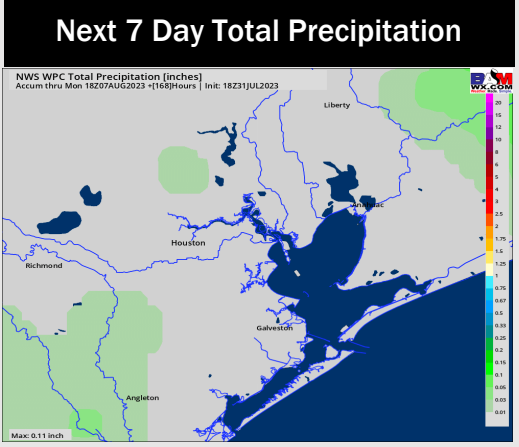
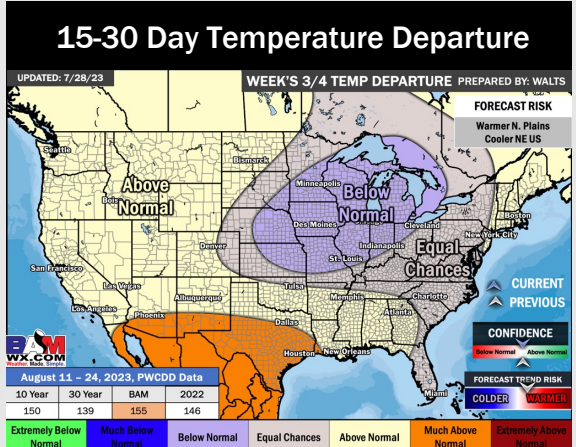
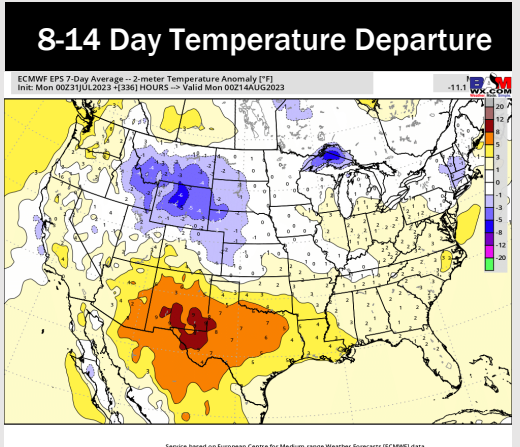
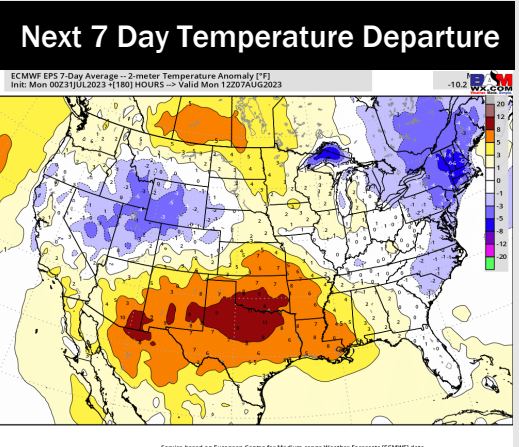


Wind Speed:  
5 PM CT



High Temps  
Thursday

# Houston Pilots: 8/1/23



- Above normal temperatures are favored over the next week. Anticipating mostly dry conditions for the area over the next week.
- Expecting much below normal precipitation chances and above normal temperatures for the week 2 timeframe.
- Much above normal temperatures and below normal chances for precipitation are favored in the weeks 3/4 timeframe.