

# Houston Pilots Forecast Package



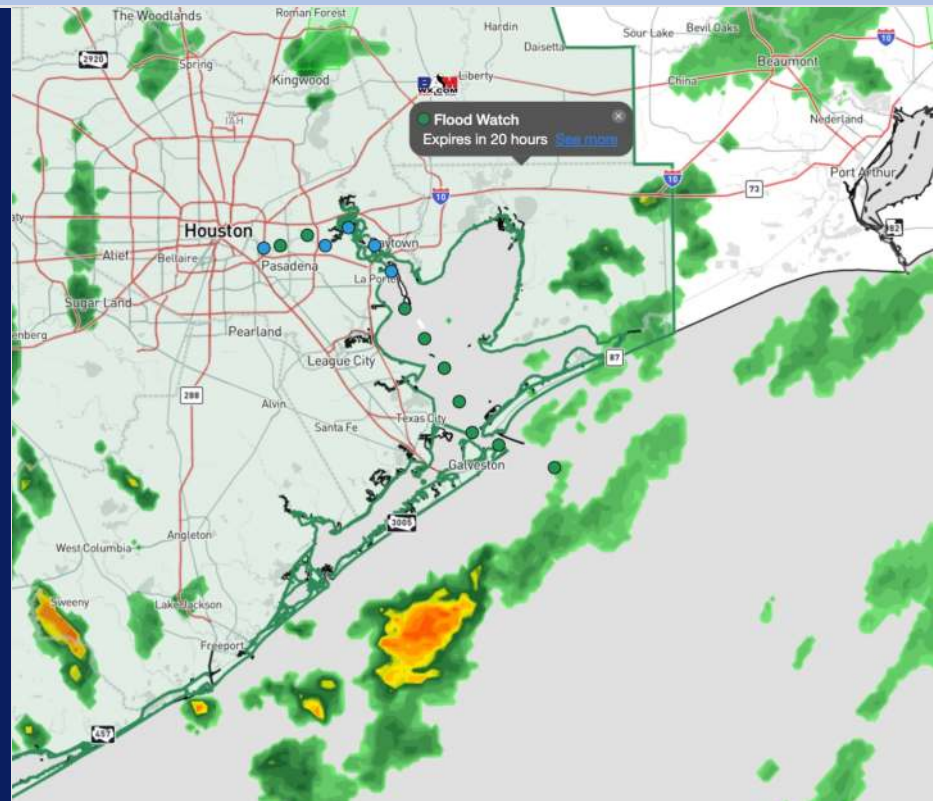
Updated: 1:00 AM CT

Wednesday, July 24, 2024

Forecaster: John Kemper

## Weather Headlines

- Scattered to Widespread downpours/storms favored over the next 36 hours!
- **A few stronger gusts embedded within storms of 25kts + will be in play, especially with storms.**
- Not anticipating any fog concerns the next few days. Low visibilities are possible in heavy downpours.



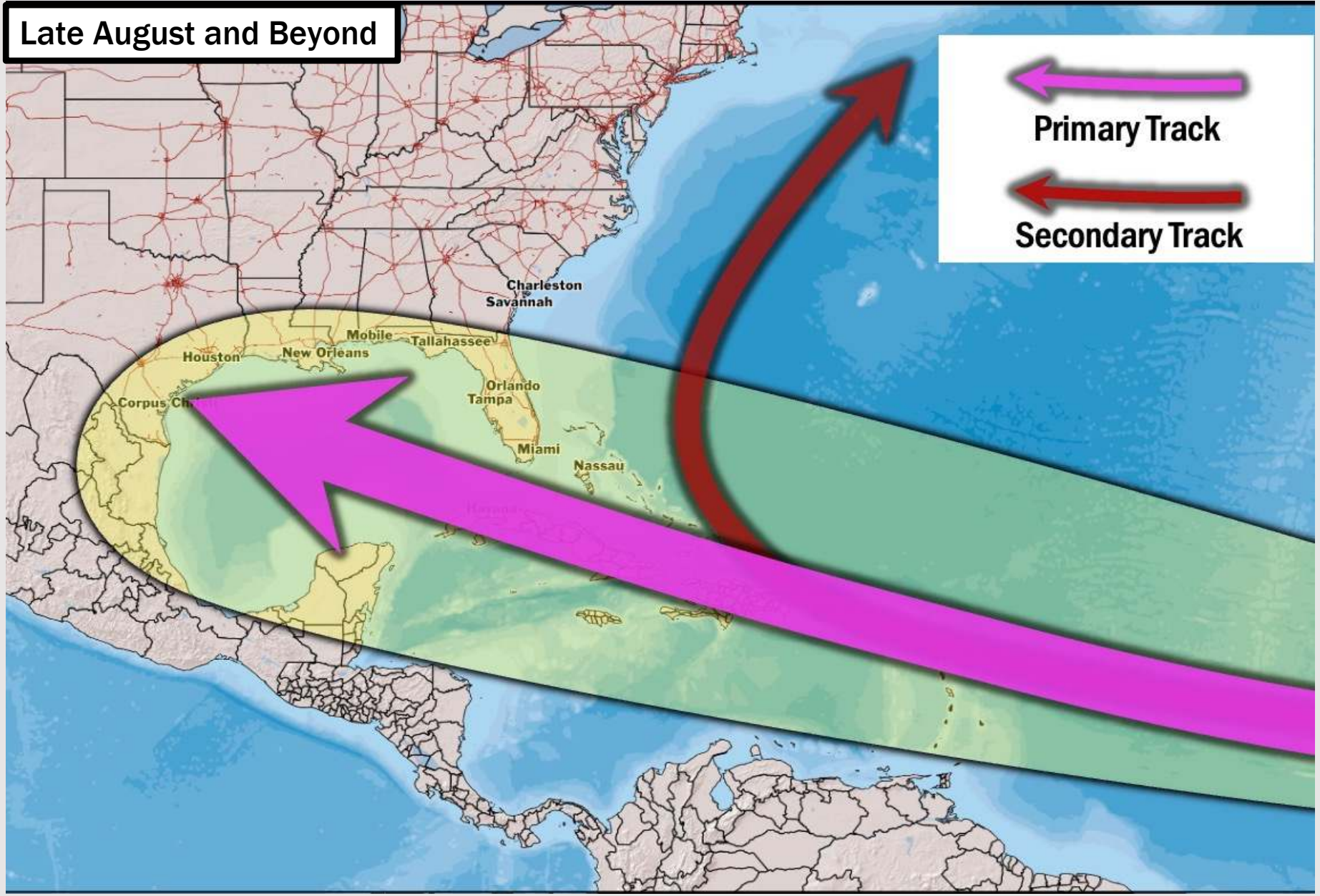
Current Radar: 12:50 AM CT



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

# Houston Pilots Tropical Update

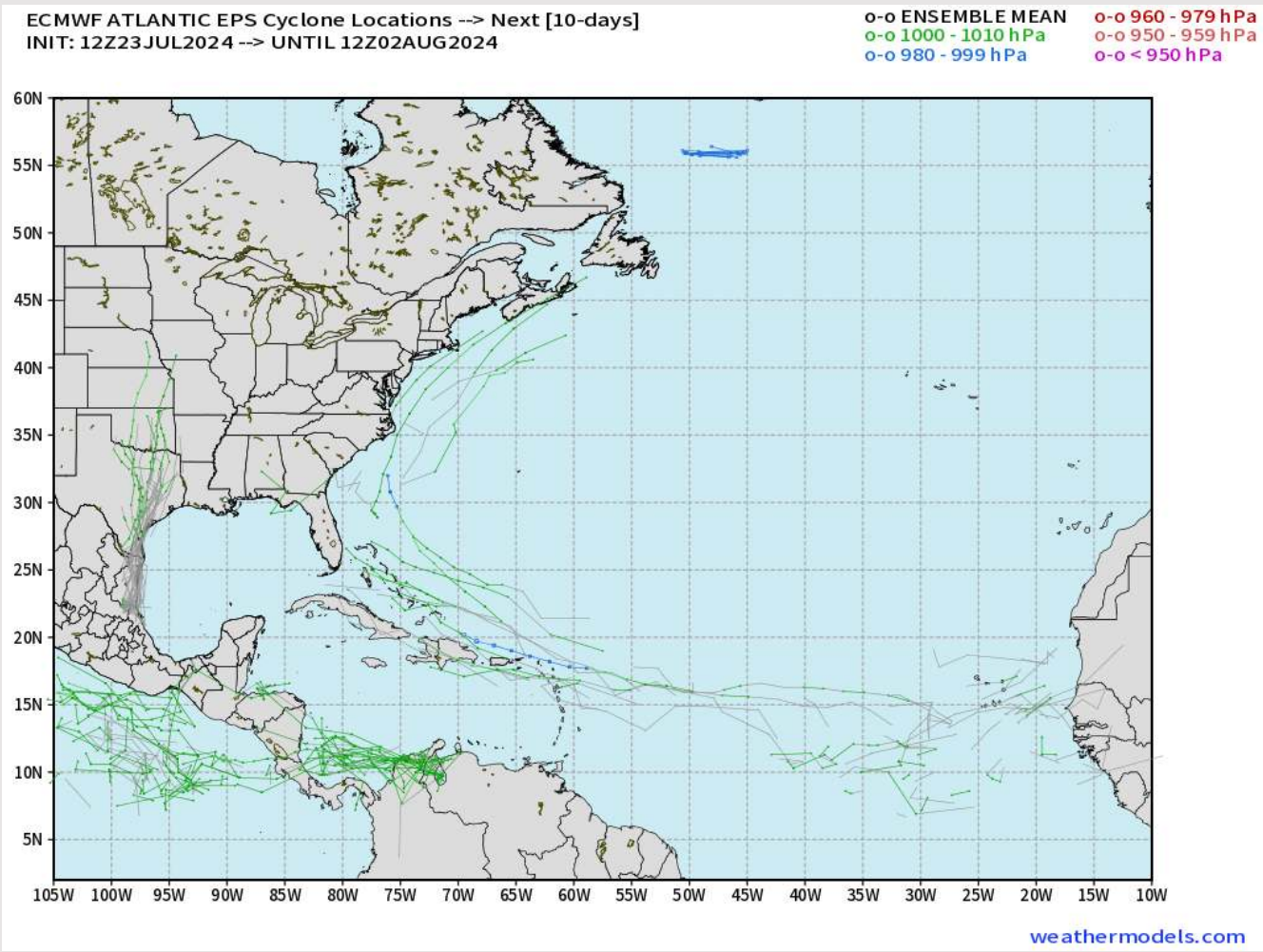
Late August and Beyond





# Houston Pilots Tropical Update

## European Model Next 10 Days - Tropical Tracks



Not in favor of any tropical threats over the next 10 days to the HOU area.

We're watching the potential for tropical development mid to late August as pattern drivers are indicative of some development.

# Houston Pilots Visibility Chart (miles)



**Forecast Confidence**

Above Normal

Below Normal

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

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

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# Houston Pilots: WED. 7/24/2024



## Forecast Discussion

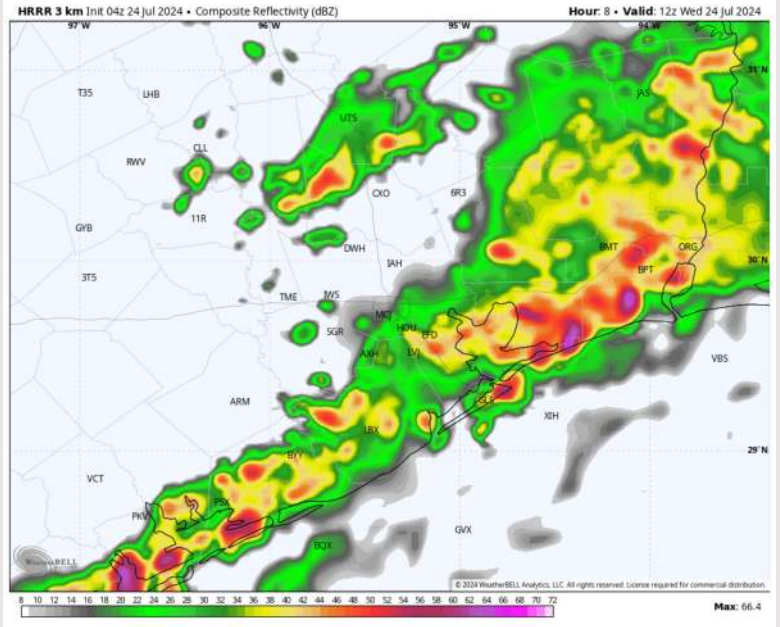
**Precip:** Widespread (80%) showers/thunderstorms will be likely from 3AM through 5 PM. After 5 PM, chances will become more scattered (40%) in nature throughout the rest of the night. **Lightning and 25 – 35 kts wind gusts will be in play for all stations!**

**Wind:** Winds will be out of the southeast through 9AM before becoming more variable through 4 PM. After then, winds are expected to generally settle out of the S/SE. **N of Morgan's Point:** Winds will be at 3 – 8 kts for the entire day. **S of Morgan's Point:** Favoring winds at 15 – 20 kts through 9 AM before decreasing to 8 – 16 kts through the remainder of the day. Non-Thunderstorm wind gusts of up to 20 kts will be possible.

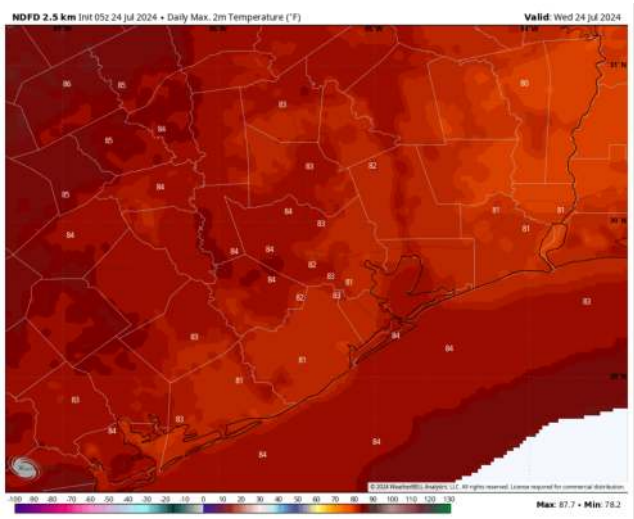
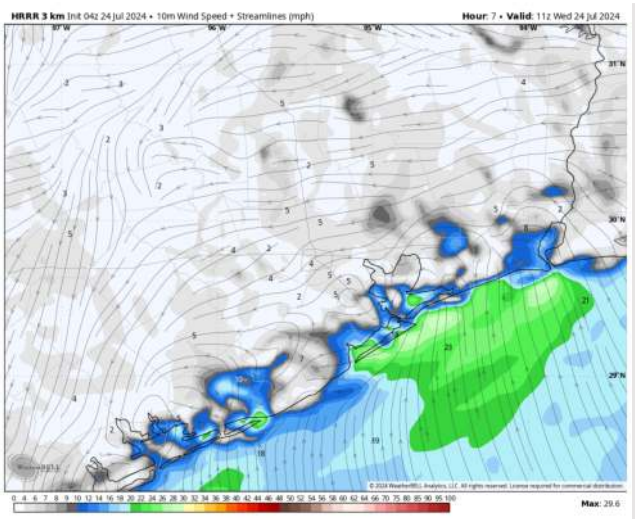
**High Temps:** **N of Morgan's Point:** Low to mid 80s F. **S of Morgan's Point:** Mid 80s F.

**Visibility:** Fog is not favored for today; however, lowered visibilities are favored in heavy downpours.

## Precip Image: 7 AM CT



Wind Speed:  
6 AM CT



High Temps  
Today

## Forecast Discussion

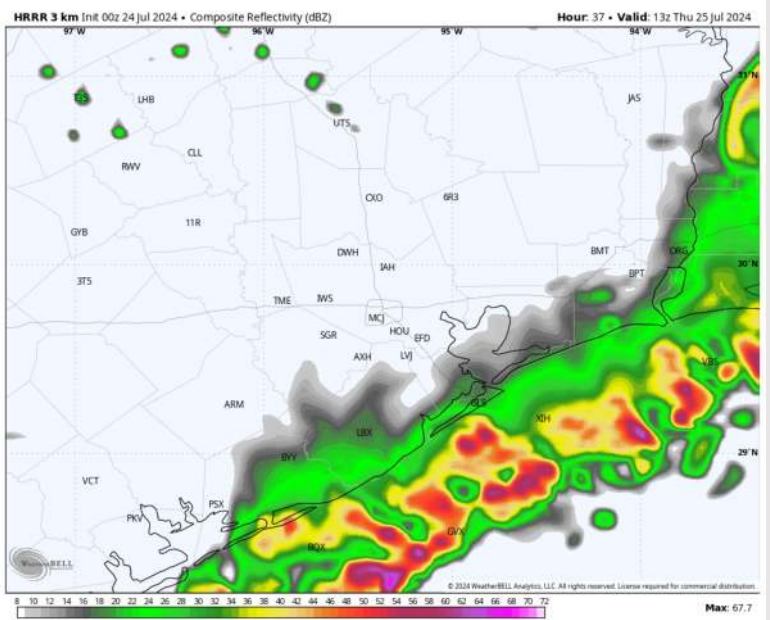
**Precip:** Widespread (60%) showers and thunderstorms will continue through 4 PM. Light scattered showers can linger throughout the rest of night after 4 PM. There is a risk that the entire band of storms will sit just S of Station 11/12 for the AM Period. Will need to watch this closely! **Lightning and 20-25 kts wind gusts will be possible in thunderstorms!**

**Wind:** Winds will be out of the SW through most of Thursday before veering out of the W beyond 8PM-CT. **N of Morgan's Point:** Winds at 4 -9 kts for all of Thursday. **S of Morgan's Point:** Winds at 10 - 15 kts through 1PM before slightly increasing to 15-20 kts through 6PM. As winds shift out of the W for the remainder of the evening, winds will weaken to 9 - 14 kts.

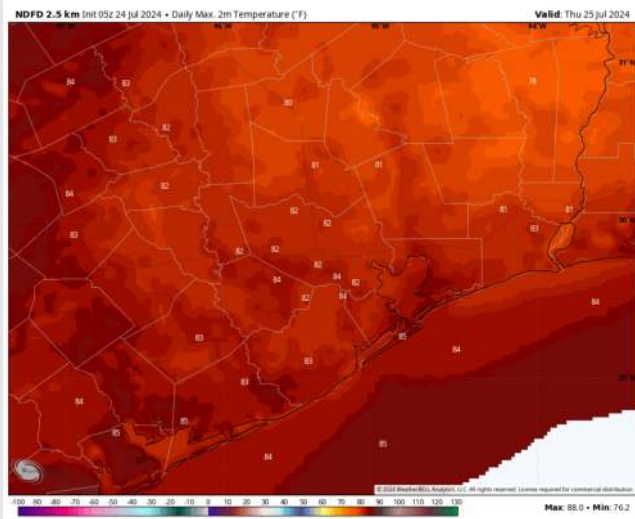
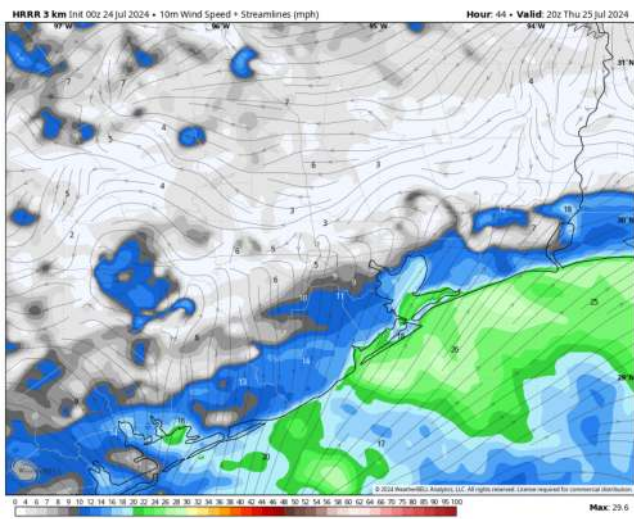
**High Temps:** **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Mid 80s F.

**Visibility:** Fog is not favored for Thursday.

## Precip Image: 8 AM CT



Wind Speed:  
3 PM CT



High Temps  
Thursday



# Houston Pilots: FRI. 7/26/2024



## Forecast Discussion

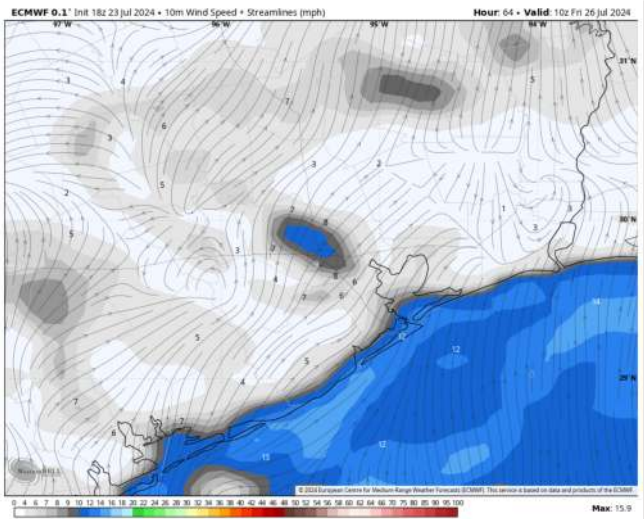
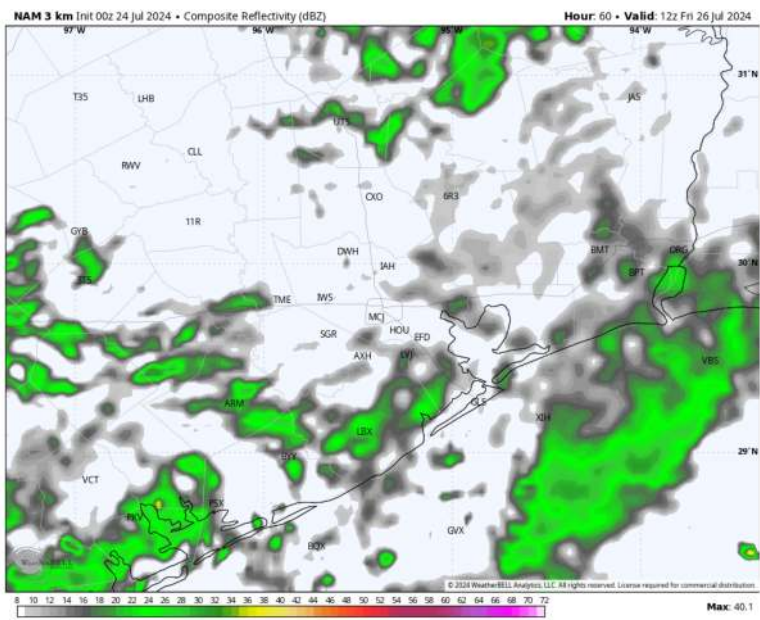
**Precip:** Scattered (40%) rain showers and thunderstorms will be possible from 2AM through 10AM, before chances decrease to 20% for the remainder of Friday. There is a potential for these chances to increase but lower confidence.

**Wind:** Winds will be consistently out of the S / SW through 8AM until the front passes, and then will become variable through 12PM. Beyond 12PM, winds will once again be out of the S/SW. **N of Morgan's Point:** Winds consistently at 4 – 9 kts before weakening to 3 – 6 kts after 12PM. **S of Morgan's Point:** Winds at 8 – 15 kts through 8AM before weakening to 3-6 kts for remainder of day.

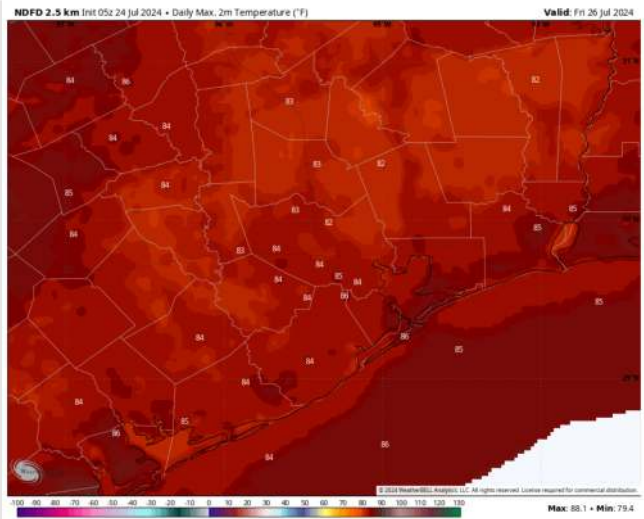
**High Temps:** **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Mid 80s F.

**Visibility:** Not anticipating any fog concerns for Friday.

## Precip Image: 7 AM CT



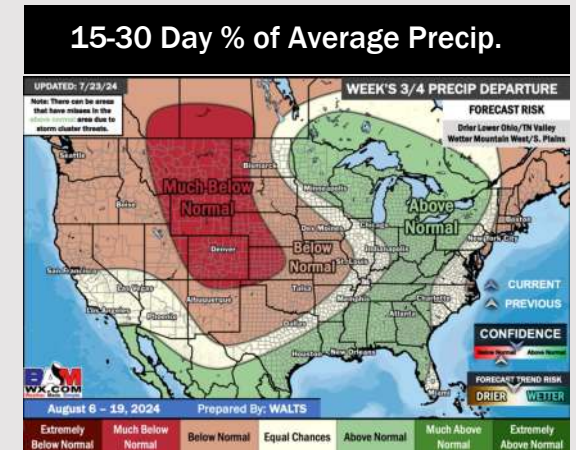
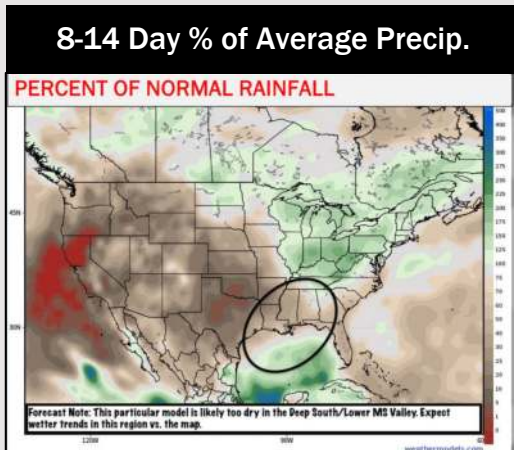
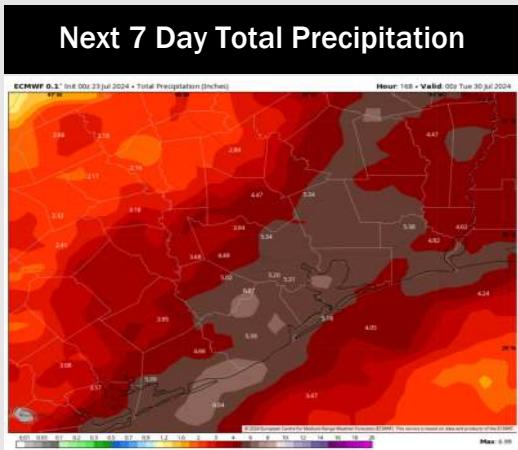
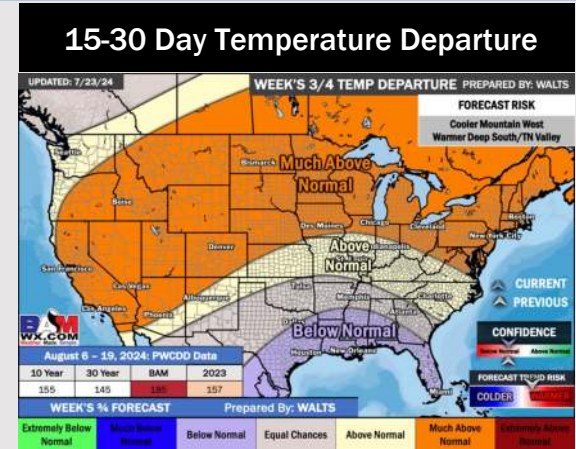
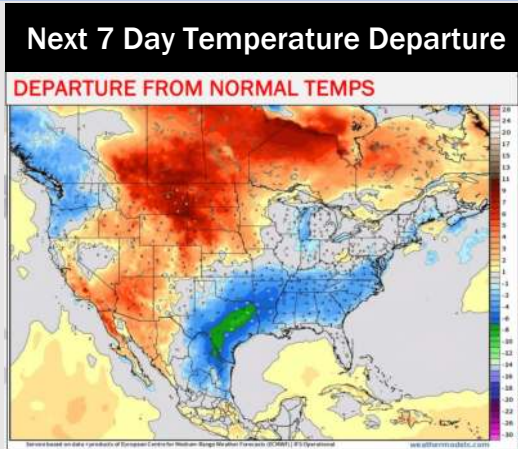
Wind Speed  
5 AM CT



High Temps  
Friday



# Houston Pilots: 7/24/24



- Temps are expected to be below normal for the week 1 timeframe. Periods of scattered rain/storms will occur daily over the next week. Some could be heavy in nature.
- Above normal precipitation chances are favored for the week 2 timeframe as models are continuing to trend wetter in SE Texas. Below normal temperatures continue for the week 2 timeframe.
- Above normal chances for precipitation and below normal temperatures are favored in the weeks 3/4 timeframe.