

# Houston Pilots Forecast Package



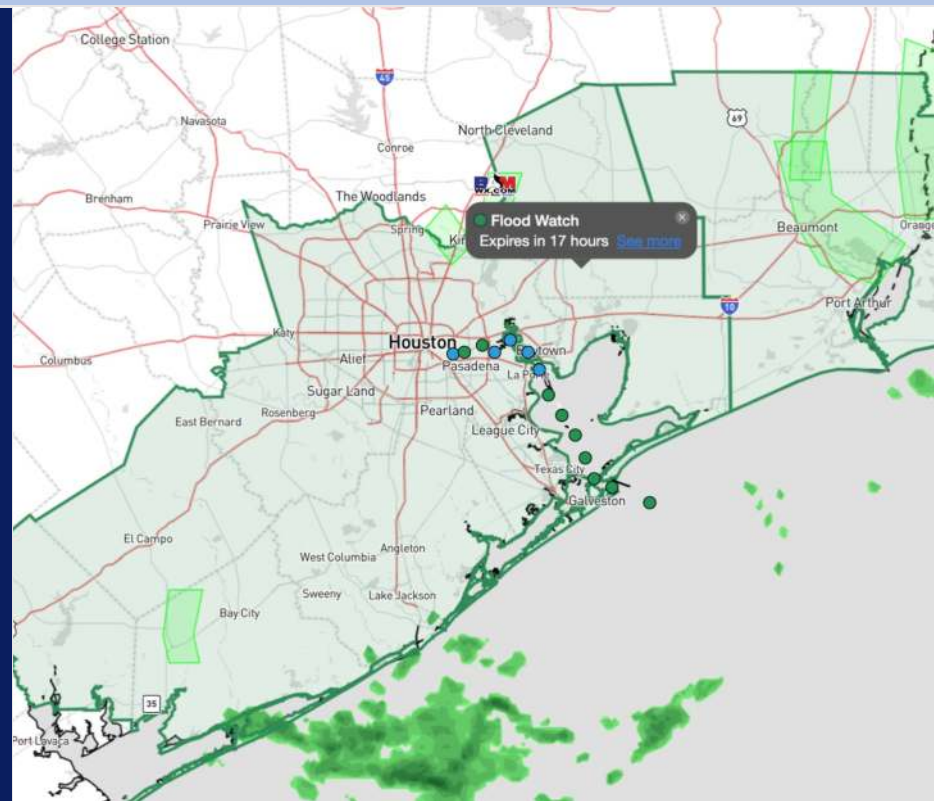
Updated: 11:05 PM CT

Wednesday, July 24, 2024

Forecaster: Xander Lowry

## 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.



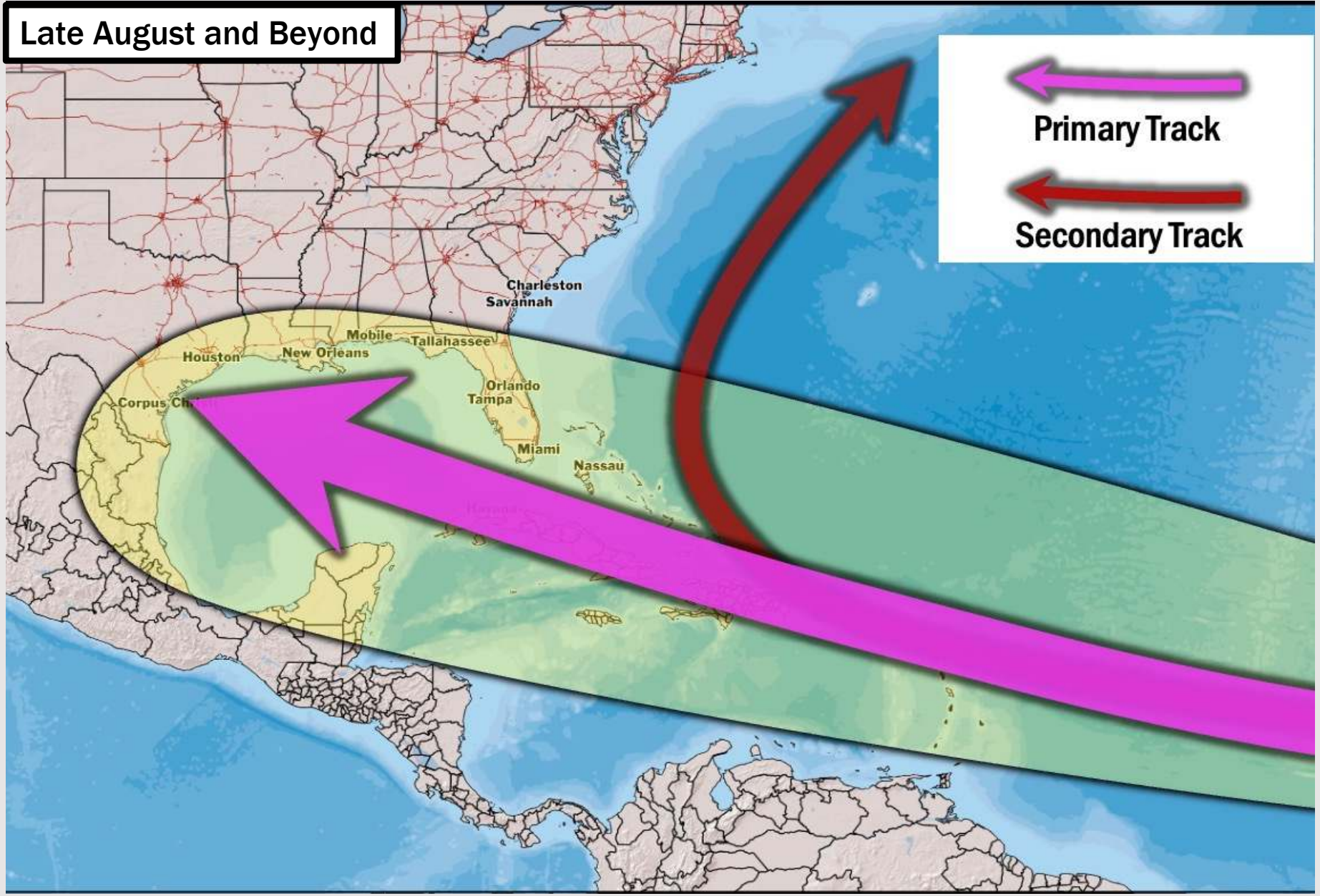
Current Radar: 11:05 PM CT



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

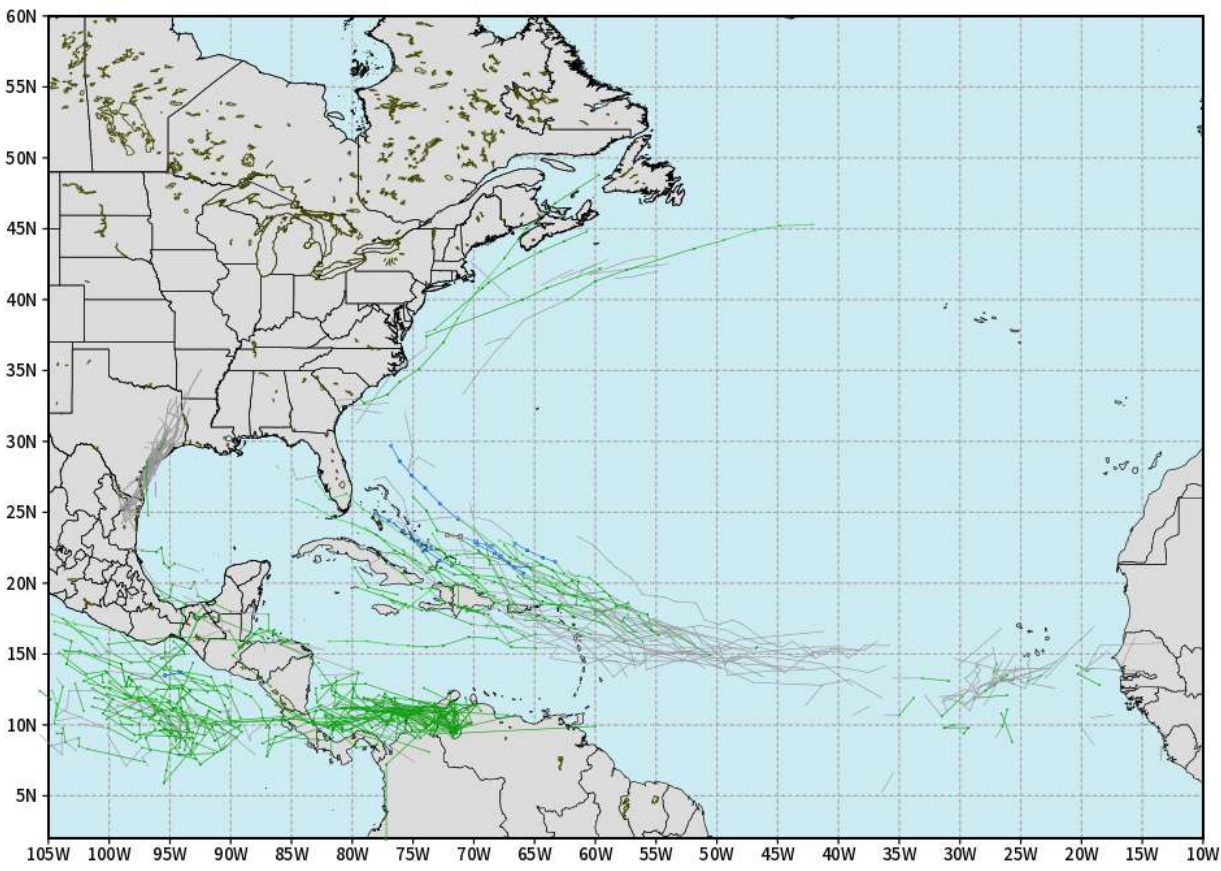


# Houston Pilots Tropical Update

## European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]  
INIT: 12Z24JUL2024 --> UNTIL 12Z03AUG2024

o-o ENSEMBLE MEAN  
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

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

Early signals are starting to show for possible development in the Tropical Atlantic mid/late next week. No threat is anticipated for the HOU area with this possible system.

# Houston Pilots Visibility Chart (miles)



Time	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	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
610 Bridge	10	10	10	10	10	10	10	10	7	6	2	1	2	1	2	2	2	2	2	3	3	4	6	6
Kinder 1	10	10	10	10	10	10	10	10	7	6	2	1	2	1	2	2	2	2	2	3	3	4	6	6
Greens Bayou	10	10	10	10	10	10	10	10	7	6	2	1	2	1	2	2	2	2	2	3	3	4	6	6
Shell Crude	10	10	10	10	10	10	10	10	7	6	2	1	2	1	2	2	2	2	2	3	3	4	6	6
Lynchburg Ferries	10	10	10	10	10	10	10	10	7	6	2	2	2	1	2	2	2	2	2	3	3	5	6	6
Exxon 3	10	10	10	10	10	10	10	10	9	6	2	1	2	1	2	2	2	2	2	3	4	5	6	8
Morgans Point	10	10	10	10	10	10	10	10	7	5	2	1	2	1	2	2	2	2	2	3	4	5	6	8
75/76	10	10	10	10	10	10	10	10	6	5	2	1	2	1	2	2	2	2	2	3	4	5	6	9
63/64	10	10	10	10	10	10	10	10	6	5	2	1	2	1	2	2	2	2	2	3	3	5	6	10
51/52	10	10	10	10	10	10	10	10	5	5	5	1	1	1	1	1	1	1	2	3	3	5	6	10
37/38	10	10	10	10	10	10	10	10	6	5	5	2	1	2	1	1	1	1	2	3	4	6	6	10
25/26	10	10	10	10	10	10	10	10	6	6	5	2	1	2	1	1	1	1	2	3	4	6	6	10
11/12	10	10	10	10	10	10	10	10	7	6	5	3	1	2	1	1	2	1	2	4	4	6	6	10
1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	2	1	2	2	2	2	2	4	4	6	6	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	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	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
610 Bridge	2	2	2	2	3	3	3	3	4	4	5	5	5	6	6	7	7	6	6	5	5	4	3	3
	6	5	5	5	6	7	7	8	9	9	10	11	11	13	14	15	14	14	13	12	11	9	7	7
	S	SSE	SE	SSE	SE	ESE	SE	E	E	ESE	ESE	ESE	SSE	SSE	S	SSE	SSE	SE	SE	SE	SE	SE	SE	SSE
Kinder 1	2	2	2	2	3	3	3	3	4	4	5	5	5	6	7	7	6	6	5	5	4	3	3	3
	6	5	5	5	6	7	7	8	9	9	10	11	12	13	14	15	14	14	12	11	11	8	7	7
	S	SSE	SE	SE	ESE	ESE	E	E	ESE	ESE	ESE	ESE	ESE	SSE	SSE	S	SSE	SSE	SE	SE	SE	SE	SE	SSE
Greens Bayou	2	2	2	2	2	3	3	3	4	4	5	5	5	6	6	7	7	6	6	5	5	3	3	3
	6	4	4	5	6	7	7	8	9	9	10	11	11	13	14	14	14	13	12	11	10	8	7	7
	S	SSE	SE	SE	ESE	ESE	ESE	ENE	E	ESE	ESE	ESE	SE	SSE	SE	SSE	S	S	SSE	SE	SE	SE	SSE	SSE
Shell Crude	2	2	2	2	3	3	3	3	4	4	5	5	5	6	7	7	6	6	5	5	3	3	3	3
	6	4	4	5	5	7	7	8	9	9	10	11	12	13	14	14	13	13	12	11	10	8	7	6
	S	SSE	SSE	SSE	ESE	SE	ESE	ENE	E	ESE	ESE	ESE	SE	SE	SE	SSE	S	S	SSE	SE	SE	SE	SSE	SSE
Lynchburg Ferries	2	1	2	2	2	3	3	3	3	4	4	5	5	6	6	6	7	6	6	5	4	3	3	3
	5	4	4	5	5	6	7	7	8	9	10	11	11	13	14	13	13	13	12	11	10	8	7	6
	S	SSE	SSE	SSE	SE	ESE	E	E	SE	E	SE	ESE	SE	SE	SSE	S	S	S	SSE	SE	SSE	SSE	SE	SE
Exxon 3	5	5	5	5	5	6	6	7	7	7	7	7	7	8	9	9	9	8	7	7	6	6	5	5
	7	7	7	7	8	9	9	10	10	11	11	12	12	13	15	15	15	15	14	12	11	10	9	9
	S	SSE	SSE	SSE	ESE	ESE	E	E	E	ESE	SE	SSE	SE	SSE	S	SSE	S	S	S	SSE	SE	SSE	SE	SE
Morgans Point	5	5	5	5	5	6	6	7	7	7	7	7	7	8	9	9	9	8	7	7	6	6	5	5
	7	7	7	7	8	9	9	10	10	11	12	13	13	13	15	15	15	14	13	12	11	10	9	9
	SSW	S	S	S	SSE	SE	ENE	ENE	E	ESE	ESE	SSE	ESE	SSE	S	SSE	S	S	S	S	SSE	SSE	SE	SSE
75/76	6	6	6	6	7	7	7	7	8	8	8	9	8	9	9	9	9	8	8	7	7	7	7	7
	8	8	8	9	9	10	11	11	12	13	13	14	14	14	16	16	15	15	14	13	12	11	11	10
	SSW	S	S	SSE	SSE	SE	E	E	ESE	E	SE	SE	S	S	S	S	S	S	S	S	S	S	S	SSE
63/64	6	6	6	6	7	7	7	7	8	8	9	9	8	8	9	9	9	8	8	7	7	7	7	7
	9	9	9	9	10	10	11	11	12	13	13	14	14	14	16	16	15	15	14	13	12	11	11	11
	SSW	S	S	SSE	S	ESE	E	E	ESE	ESE	SE	SE	SSE	S	S	S	S	S	S	S	S	SSE	SSE	SSE
51/52	6	6	6	7	7	7	7	8	8	9	9	9	9	9	9	9	9	8	7	7	7	7	7	7
	9	9	9	10	10	11	11	12	12	13	13	14	14	14	16	15	15	14	14	13	12	11	11	11
	S	S	S	S	S	SE	E	E	E	ESE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	SSE
37/38	7	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	8	7	7	7	7	7	7
	10	10	10	10	10	11	11	12	13	13	13	15	14	14	15	15	15	14	14	13	12	11	11	12
	S	S	S	S	SSE	SE	ESE	ESE	ESE	SE	SE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	SSE
25/26	7	7	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	8	7	7	7	7	7	7
	10	10	10	10	10	11	11	12	13	13	13	15	14	14	15	15	14	14	13	12	11	11	11	11
	S	S	S	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S
11/12	6	6	6	6	6	7	7	7	7	8	8	9	9	9	9	9	9	8	7	7	7	7	7	7
	10	10	10	10	11	11	11	12	12	13	13	14	14	14	15	15	14	14	13	12	11	11	11	11
	S	S	S	S	SSE	SSE	SE	SE	SE	SSE	SSE	SSE	SSE	S	SSE	S	S	S	SSE	S	SSE	SSE	SSE	SSE
1 & 2 Bravo	7	7	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8
	11	11	12	12	12	13	13	13	13	13	14	15	15	14	15	15	14	14	14	13	12	12	12	13
	S	S	S	SSE	SSE	SE	SE	SE	SE	SE	SSE	SSE	S	S	S	S	S	S	S	S	S	S	S	S

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# Houston Pilots: THU. 7/25/2024



## Forecast Discussion

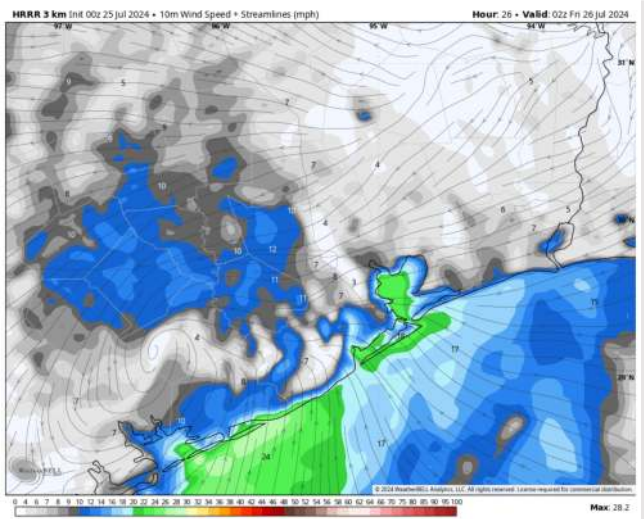
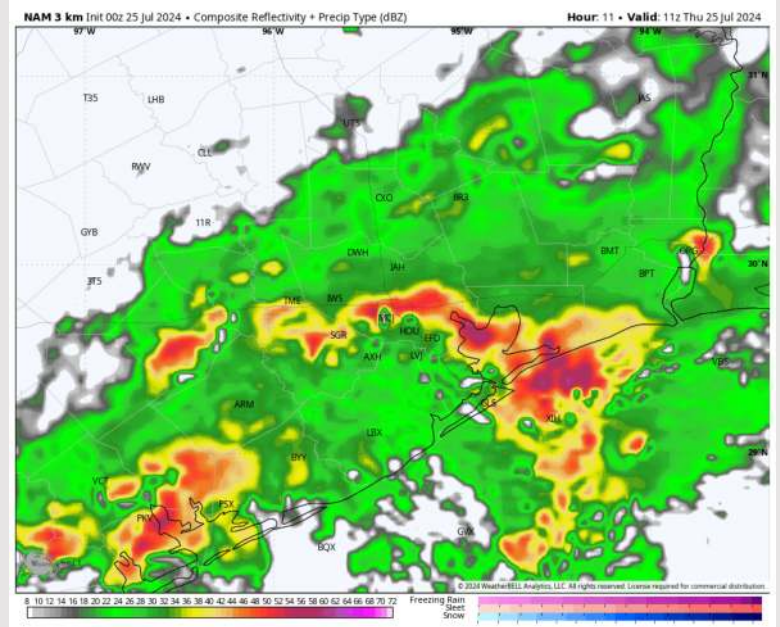
**Precip:** Widespread (80%) showers and thunderstorms will continue through 4 PM. Light scattered showers can linger through 9PM before working out of the area. **Lightning and 25-30kts wind gusts will be possible in thunderstorms!**

**Wind:** Winds will be out of the SW throughout the day today. **N of Morgan's Point:** Winds at 4 -9 kts for all of today. **S of Morgan's Point:** Winds at 10 - 15 kts through 1PM before slightly increasing to 15-20 kts throughout the rest of the day.

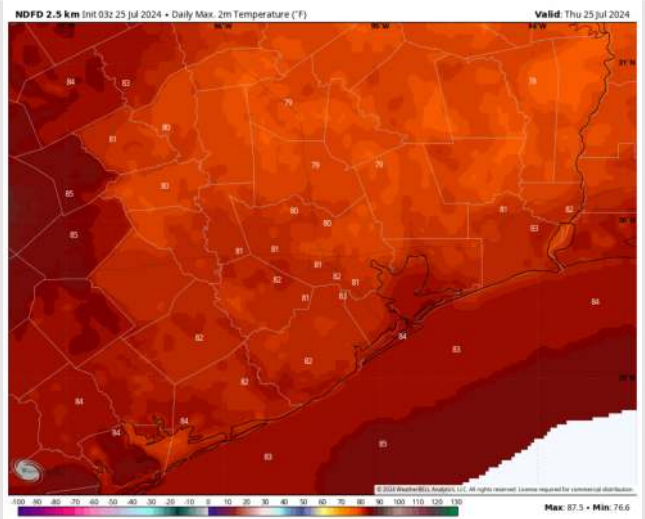
**High Temps:** **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Mid 80s F.

**Visibility:** Fog is not favored today; however, visibility can be reduced under heavy downpours!

## Precip Image: 6 AM CT



Wind Speed:  
9 PM CT



High Temps  
Today

# Houston Pilots: FRI. 7/26/2024



## Forecast Discussion

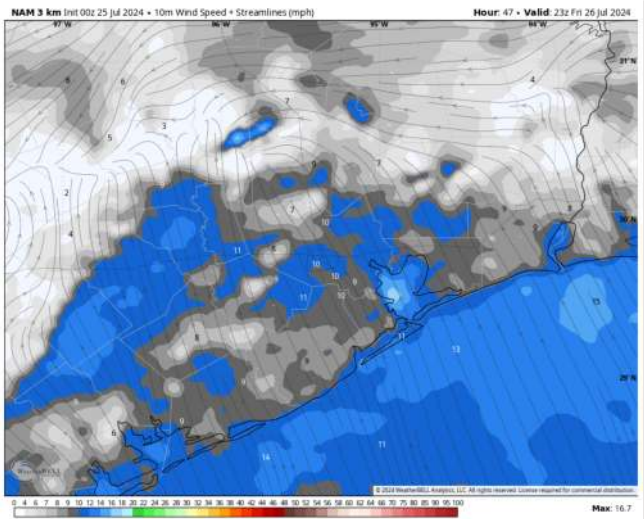
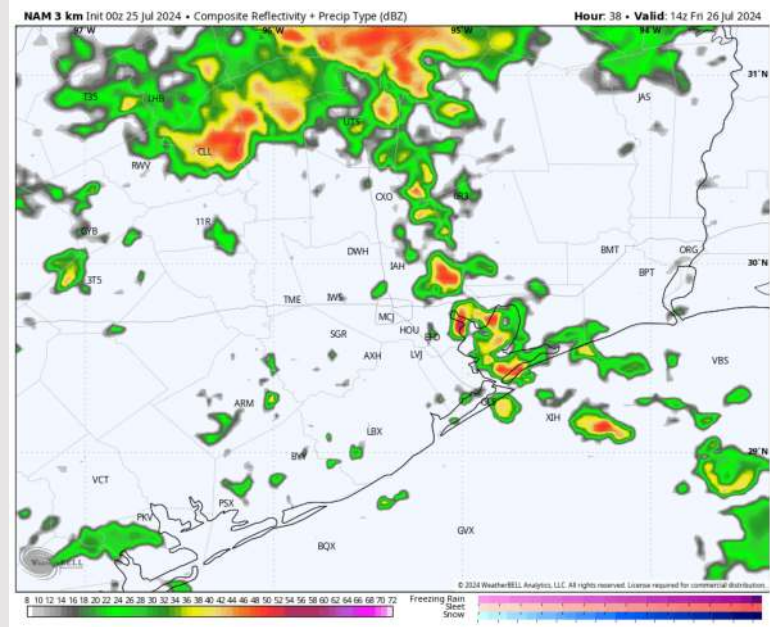
**Precip:** Scattered (40%) rain showers and thunderstorms will be possible from 12AM through 11AM, before chances decrease to 20% for the remainder of Friday.

**Wind:** Winds will be consistently out of the S / SE through 8AM until the front passes, and then will become variable through 12PM. Beyond 12PM, winds will once again be out of the S/SE. **N of Morgan's Point:** Winds consistently at 4 – 9 kts throughout the day Friday. **S of Morgan's Point:** Winds at 8 – 15 kts through 11AM before weakening to 3-8 kts through 5PM before winds pick back up to 7 – 12 kts for the rest of the day.

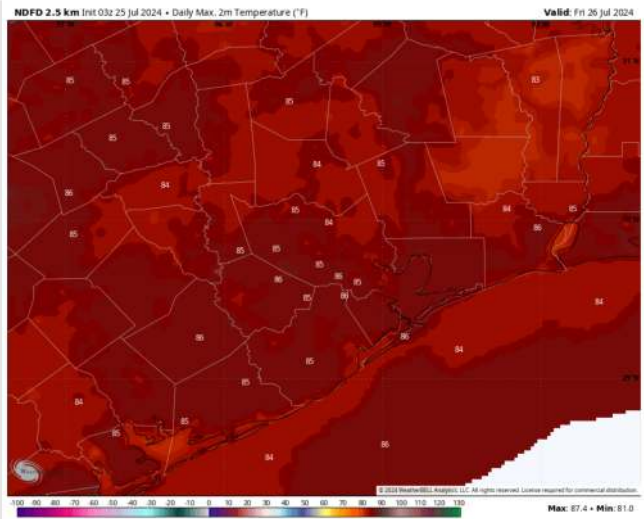
**High Temps:** **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Mid 80s F.

**Visibility:** Not anticipating any fog concerns for Friday. Visibility can be decreased under heavy downpours!

## Precip Image: 9 AM CT



Wind Speed  
6 PM CT



High Temps  
Friday

# Houston Pilots: SAT. 7/27/2024



## Forecast Discussion

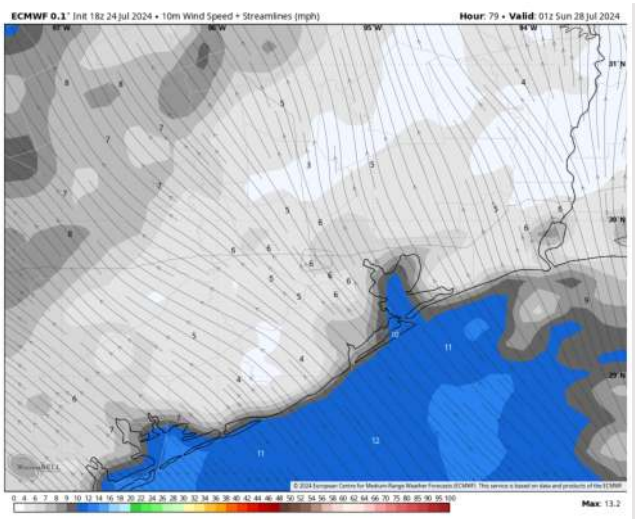
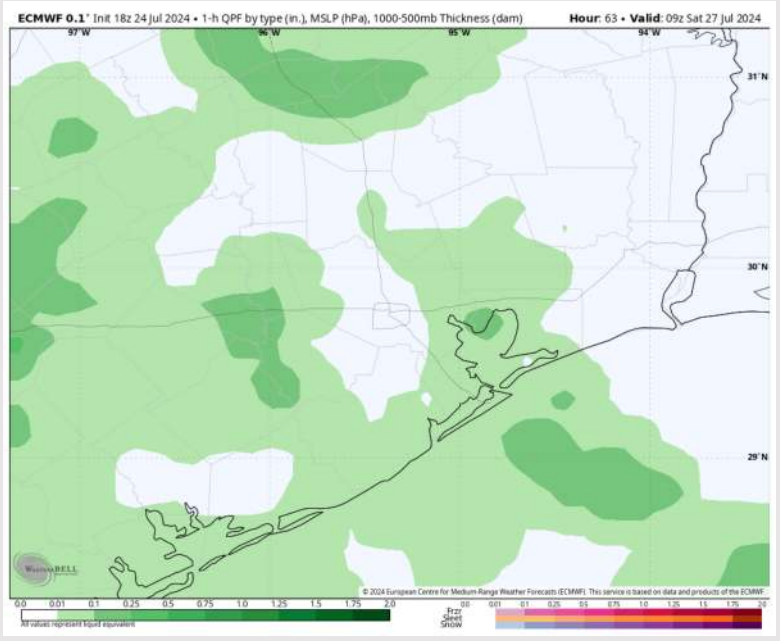
**Precip:** Scattered to widespread (50-60%) showers will be possible throughout the day on Saturday. Best windows to see precip for all stations will be between 3 – 6 AM (70-80%) and between 3 – 7 PM (60-70%). Favoring dry conditions after 8PM.

**Wind:** Winds will out of the SSW throughout the majority of the day, aside from between 5-8 AM when winds are favored to be variable. **N of Morgan's Point:** Winds will be at 4 – 9 kts for the entire day. **S of Morgan's Point:** Favoring winds at 8 – 12 kts through 7 AM before decreasing to 3 – 7 kts through 4PM when then winds will pick back up to 6 – 11 kts throughout the rest of the day Saturday.

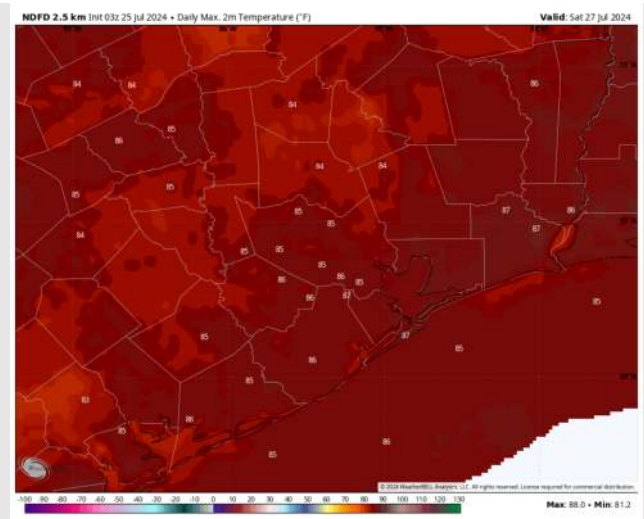
**High Temps:** **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Mid 80s F.

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

## Precip Image: 4 AM CT



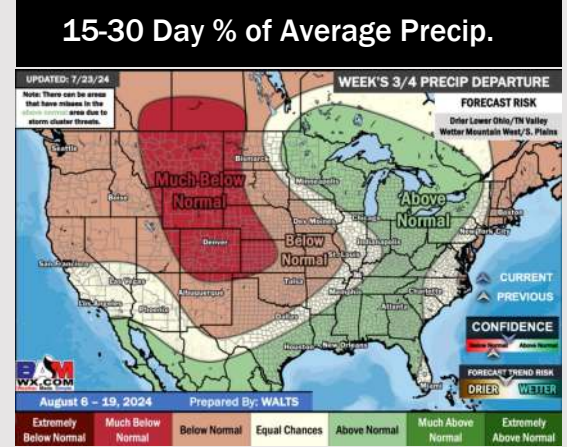
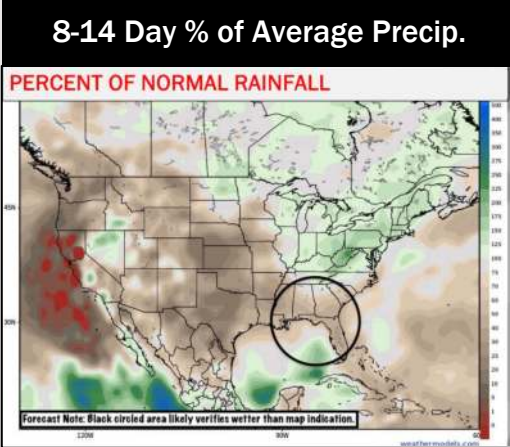
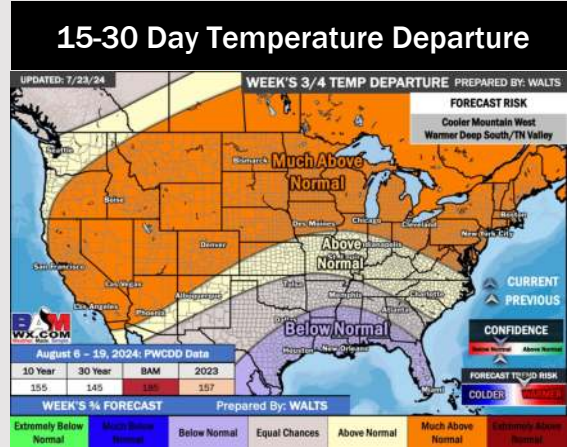
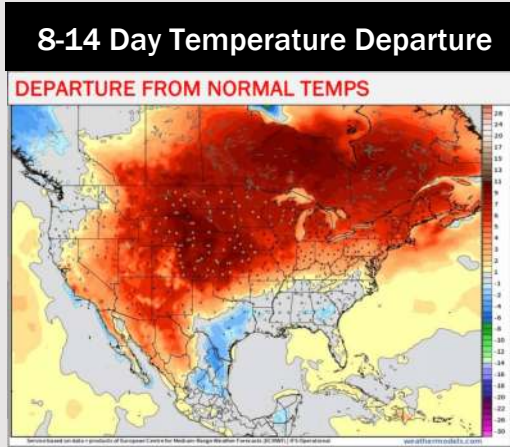
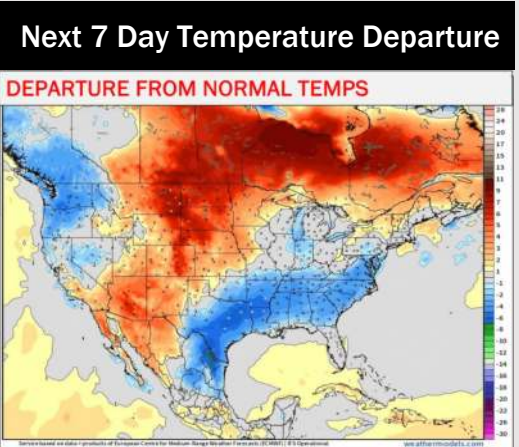
Wind Speed:  
8 PM CT



High Temps  
Saturday



# 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.
- Slightly below normal precipitation chances are favored for the week 2 timeframe. 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.