

# Houston Pilots Forecast Package



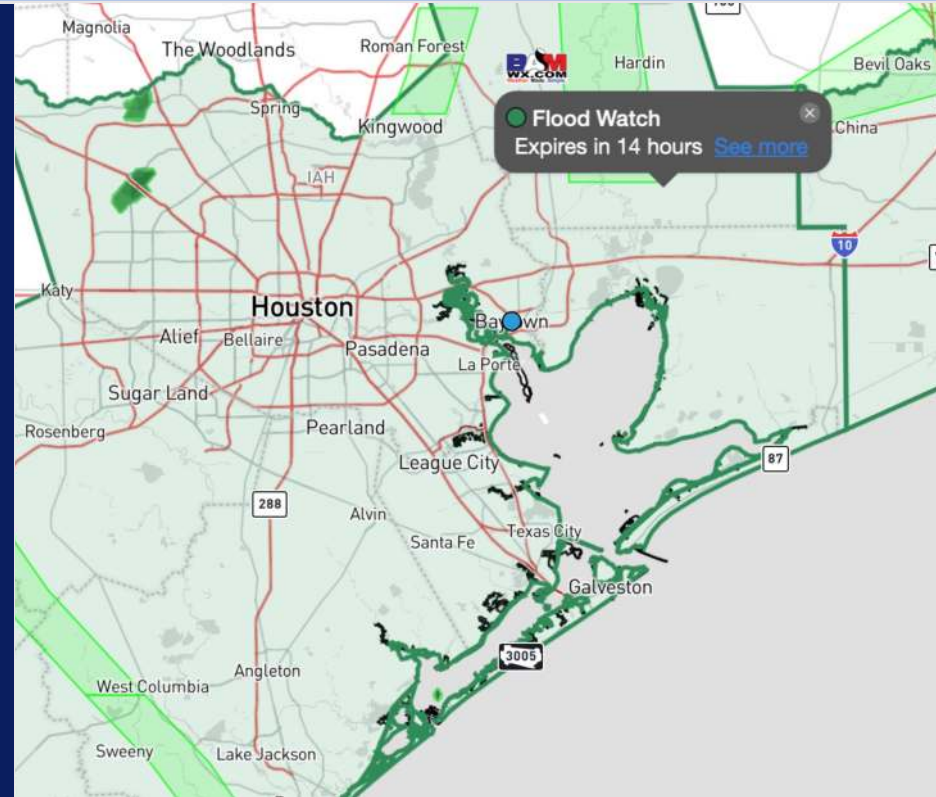
Updated: 10:55 PM CT

Friday, July 26, 2024

Forecaster: Tyler Riggles

## Weather Headlines

- Scattered to Widespread downpours/storms favored through the weekend!
- **A few stronger gusts embedded within storms of 25kts + will be in play.**
- Not anticipating any fog concerns the next few days. Low visibilities are likely in heavy downpours.



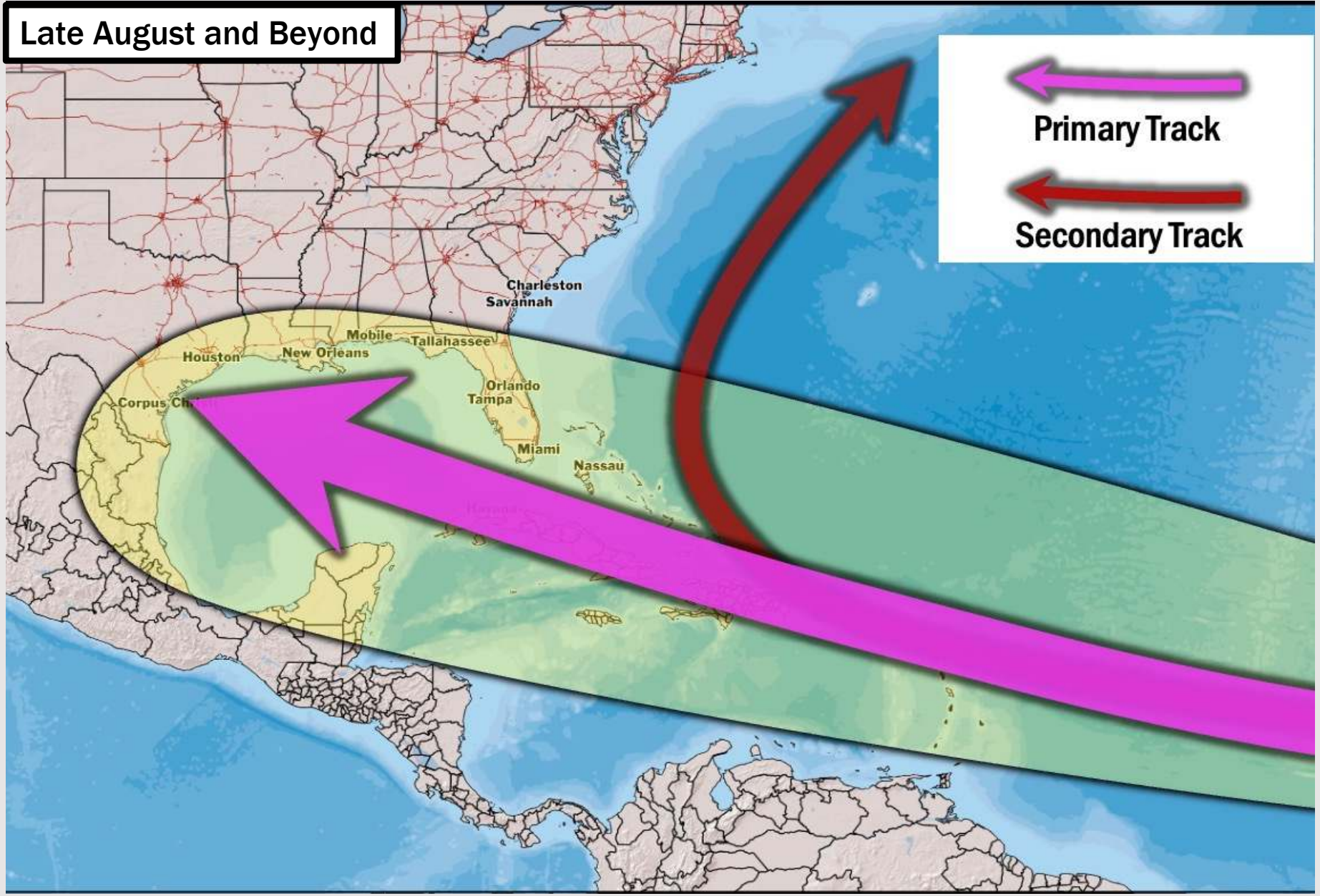
Current Radar: 10:53 PM CT



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

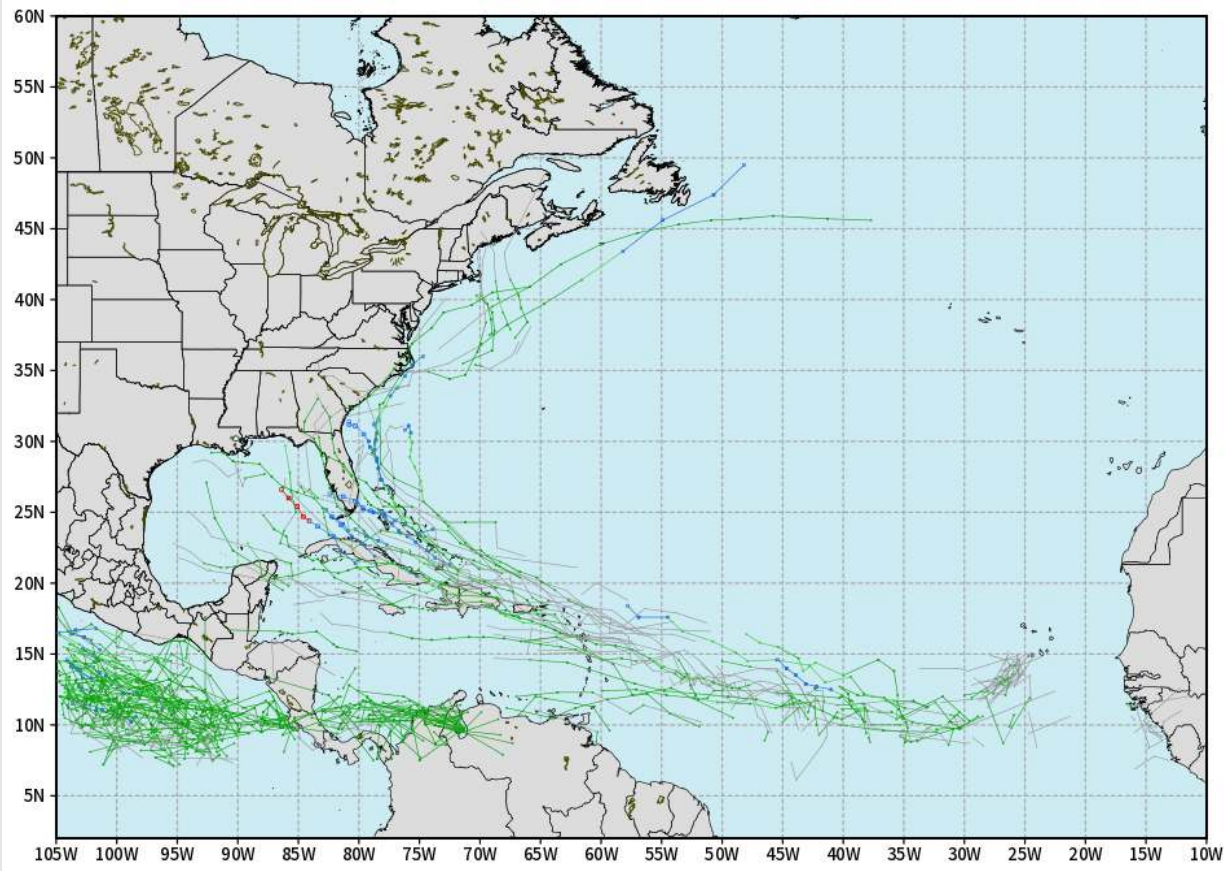


# Houston Pilots Tropical Update

## European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]  
INIT: 12Z26JUL2024 --> UNTIL 12Z05AUG2024

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 next week. No threat is anticipated for the HOU area with this possible system.

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Visibility	Sat 12 am	Sat 1 am	Sat 2 am	Sat 3 am	Sat 4 am	Sat 5 am	Sat 6 am	Sat 7 am	Sat 8 am	Sat 9 am	Sat 10 am	Sat 11 am	Sat 12 pm	Sat 1 pm	Sat 2 pm	Sat 3 pm	Sat 4 pm	Sat 5 pm	Sat 6 pm	Sat 7 pm	Sat 8 pm	Sat 9 pm	Sat 10 pm	Sat 11 pm
Houston Pilots N - 610 Bridge	10.1	10.1	10.1	10.1	7.9	7.9	9	7.9	6.9	10.1	5.9	9	9	10.1	10.1	6.9	6.9	4.9	5.9	6.9	6.9	6.9	9	10.1
Houston Pilots M - Kinder 1	10.1	10.1	10.1	10.1	7.9	6.9	9	7.9	6.9	10.1	6.9	9	7.9	10.1	10.1	6.9	6.9	4.9	5.9	6.9	6.9	6.9	9	10.1
Houston Pilots L - Greens Bayou	10.1	10.1	10.1	10.1	9	6.9	9	7.9	6.9	10.1	6.9	9	6.9	10.1	10.1	6.9	6.9	4.9	5.9	6.9	6.9	6.9	9	10.1
Houston Pilots K - Shell Crude	10.1	10.1	10.1	10.1	9	6.9	9	7.9	6.9	10.1	6.9	9	6.9	10.1	10.1	6.9	6.9	4.9	5.9	6.9	6.9	6.9	9	10.1
Houston Pilots J - Lynchburg Ferries	10.1	10.1	10.1	10.1	9	6.9	9	7.9	6.9	10.1	6.9	6.9	6.9	10.1	10.1	6.9	6.9	4.9	5.9	6.9	6.9	6.9	9	10.1
Houston Pilots I - Exxon 3	10.1	10.1	10.1	10.1	9	4.9	9	7.9	6.9	10.1	7.9	6.9	4.9	6.9	6.9	6.9	5.9	4.9	4.9	6.9	6.9	6.9	7.9	10.1
Houston Pilots H - Morgans Point	10.1	10.1	10.1	6.9	9	4.9	9	7.9	6.9	10.1	7.9	6.9	4.9	6.9	6.9	6.9	5.9	4.9	4.9	5.9	5.9	6.9	7.9	9
Houston Pilots G - 75/76	10.1	10.1	10.1	6.9	6.9	4.9	10.1	10.1	10.1	10.1	10.1	6.9	4.9	4.9	6.9	6.9	4.9	4.9	4.9	6.9	6.9	6.9	7.9	12
Houston Pilots F - 63/64	10.1	10.1	6.9	6.9	4.9	4.9	10.1	10.1	10.1	10.1	10.1	6.9	4.9	4.9	6.9	6.9	4.9	4.9	4.9	6.9	6.9	6.9	7.9	12
Houston Pilots E - 51/52	10.1	10.1	4.9	6.9	4.9	4.9	10.1	10.1	10.1	10.1	10.1	4.9	4.9	4.9	6.9	6.9	5.9	4.9	5.9	6.9	6.9	6.9	7.9	12
Houston Pilots D - 37/38	10.1	10.1	4.9	6.9	7.9	4.9	10.1	10.1	10.1	10.1	10.1	4.9	6.9	5.9	10.1	6.9	5.9	6.9	5.9	6.9	6.9	6.9	9	12
Houston Pilots C - 25/26	10.1	10.1	6.9	10.1	9	4.9	10.1	10.1	10.1	10.1	10.1	4.9	6.9	9	10.1	9	6.9	6.9	6.9	6.9	7.9	6.9	10.1	12
Houston Pilots B - 11/12	10.1	10.1	10.1	10.1	10.1	4.9	7.9	10.1	10.1	10.1	10.1	9	4.9	9	10.1	9	6.9	6.9	6.9	7.9	9	7.9	10.1	12
Houston Pilots A - 1 & 2 Bravo	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9	10.1	10.1	10.1	10.1	6.9	6.9	10.1	9	6.9	6.9	7.9	9	10.1	9	10.1	12

**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



Wind	Sat 12 am	Sat 1 am	Sat 2 am	Sat 3 am	Sat 4 am	Sat 5 am	Sat 6 am	Sat 7 am	Sat 8 am	Sat 9 am	Sat 10 am	Sat 11 am	Sat 12 pm	Sat 1 pm	Sat 2 pm	Sat 3 pm	Sat 4 pm	Sat 5 pm	Sat 6 pm	Sat 7 pm	Sat 8 pm	Sat 9 pm	Sat 10 pm	Sat 11 pm
Houston Pilots N - 610 Bridge	2 7 ↖	2 6 ←	2 7 ←	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 7 ↘	3 7 ↓	3 7 ↓	3 8 ←	5 10 ↖	5 10 ↖	5 10 ↖	6 12 ↖	6 12 ↖	5 10 ↖	5 10 ↖	3 8 ↖	3 7 ↖	3 7 ↖
Houston Pilots M - Kinder 1	2 6 ↖	2 6 ←	2 7 ←	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 7 ↘	3 7 ↓	3 7 ↓	3 8 ←	5 10 ↖	5 10 ↖	5 10 ↖	6 12 ↖	5 10 ↖	5 10 ↖	5 9 ↖	3 8 ↖	3 7 ↖	3 7 ↖
Houston Pilots L - Greens Bayou	2 6 ↖	2 5 ←	2 6 ←	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 7 ↘	3 7 ↓	3 8 ↓	3 8 ←	5 9 ↖	5 10 ↖	5 10 ↖	6 12 ↖	6 10 ↖	5 10 ↖	5 9 ↖	3 8 ↖	3 7 ↖	3 7 ↖
Houston Pilots K - Shell Crude	2 6 ↖	2 5 ←	2 6 ←	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 7 ↘	3 7 ↓	3 8 ↓	3 8 ←	5 9 ↖	5 9 ↖	5 10 ↖	6 10 ↖	6 10 ↖	5 10 ↖	5 9 ↖	3 8 ↖	3 7 ↖	3 7 ↖
Houston Pilots J - Lynchburg Ferries	2 6 ↖	2 5 ←	2 6 ←	1 6 ↖	1 6 ↖	2 6 ↖	1 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 7 ↘	3 7 ↓	3 8 ↓	3 8 ←	3 9 ↖	3 9 ↖	5 9 ↖	5 10 ↖	5 10 ↖	5 10 ↖	3 9 ↖	3 7 ↖	3 7 ↖	2 7 ↖
Houston Pilots I - Exxon 3	6 7 ↖	6 8 ←	6 8 ←	6 7 ↖	6 7 ↖	6 7 ↖	5 7 ↖	5 7 ↖	6 8 ↖	5 7 ↖	5 7 ↖	5 8 ↖	5 9 ↖	6 9 ↖	6 12 ↖	7 12 ↖	7 13 ↖	8 13 ↖	7 13 ↖	7 13 ↖	7 12 ↖	6 9 ↖	6 9 ↖	6 9 ↖
Houston Pilots H - Morgans Point	6 7 ↖	6 8 ←	6 8 ←	6 8 ↖	6 7 ↖	6 8 ↖	5 8 ↖	5 8 ↖	6 8 ↖	5 8 ↖	5 8 ↖	5 9 ↖	5 9 ↖	6 9 ↖	6 12 ↖	7 12 ↖	7 13 ↖	7 13 ↖	7 12 ↖	7 12 ↖	7 12 ↖	7 10 ↖	7 10 ↖	7 10 ↖
Houston Pilots G - 75/76	6 8 ↖	6 9 ←	7 9 ←	6 9 ↖	6 9 ↖	6 9 ↖	6 8 ↖	6 8 ↖	6 9 ↖	6 8 ↖	6 8 ↖	6 9 ↖	6 9 ↖	6 10 ↖	6 12 ↖	7 13 ↖	7 13 ↖	7 13 ↖	7 13 ↖	7 13 ↖	8 13 ↖	8 12 ↖	8 12 ↖	8 12 ↖
Houston Pilots F - 63/64	6 9 ↖	6 9 ←	7 9 ←	6 9 ↖	6 9 ↖	6 9 ↖	6 8 ↖	6 8 ↖	6 9 ↖	6 8 ↖	6 8 ↖	6 9 ↖	6 9 ↖	6 10 ↖	6 12 ↖	6 12 ↖	6 12 ↖	7 13 ↖	7 13 ↖	7 13 ↖	7 13 ↖	8 12 ↖	8 12 ↖	8 13 ↖
Houston Pilots E - 51/52	6 9 ↖	6 9 ←	7 10 ←	6 9 ↖	6 9 ↖	6 9 ↖	6 8 ↖	6 8 ↖	6 9 ↖	6 8 ↖	6 8 ↖	6 9 ↖	6 10 ↖	6 10 ↖	6 12 ↖	6 12 ↖	6 12 ↖	7 13 ↖	7 13 ↖	7 13 ↖	8 13 ↖	8 12 ↖	8 13 ↖	8 13 ↖
Houston Pilots D - 37/38	6 9 ↖	7 9 ←	7 10 ←	6 9 ↖	6 9 ↖	6 9 ↖	6 9 ↖	6 8 ↖	6 9 ↖	6 8 ↖	6 9 ↖	6 9 ↖	6 10 ↖	6 10 ↖	6 12 ↖	6 12 ↖	6 12 ↖	7 12 ↖	8 13 ↖	8 13 ↖	8 13 ↖	8 12 ↖	8 13 ↖	8 14 ↖
Houston Pilots C - 25/26	6 9 ↖	6 9 ←	7 10 ←	6 9 ↖	6 9 ↖	6 9 ↖	6 8 ↖	6 8 ↖	6 9 ↖	6 8 ↖	6 9 ↖	6 9 ↖	6 10 ↖	6 10 ↖	6 12 ↖	6 12 ↖	6 12 ↖	7 12 ↖	8 13 ↖	8 13 ↖	8 13 ↖	8 12 ↖	8 13 ↖	8 14 ↖
Houston Pilots B - 11/12	6 9 ↖	6 9 ←	6 9 ←	6 9 ↖	6 9 ↖	6 9 ↖	6 9 ↖	6 8 ↖	6 8 ↖	6 8 ↖	6 9 ↖	6 9 ↖	6 10 ↖	7 10 ↖	7 12 ↖	7 12 ↖	7 12 ↖	8 13 ↖	8 13 ↖	8 13 ↖	7 13 ↖	7 12 ↖	8 13 ↖	8 13 ↖
Houston Pilots A - 1 & 2 Bravo	7 10 ↖	7 10 ←	8 10 ←	7 10 ↖	7 10 ↖	7 10 ↖	7 10 ↖	7 9 ↖	7 10 ↖	7 10 ↖	7 9 ↖	7 10 ↖	7 10 ↖	7 10 ↖	7 12 ↖	7 12 ↖	7 12 ↖	8 12 ↖	8 13 ↖	8 13 ↖	8 13 ↖	8 13 ↖	9 13 ↖	9 15 ↖

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# Houston Pilots: SAT. 7/27/2024



## Forecast Discussion

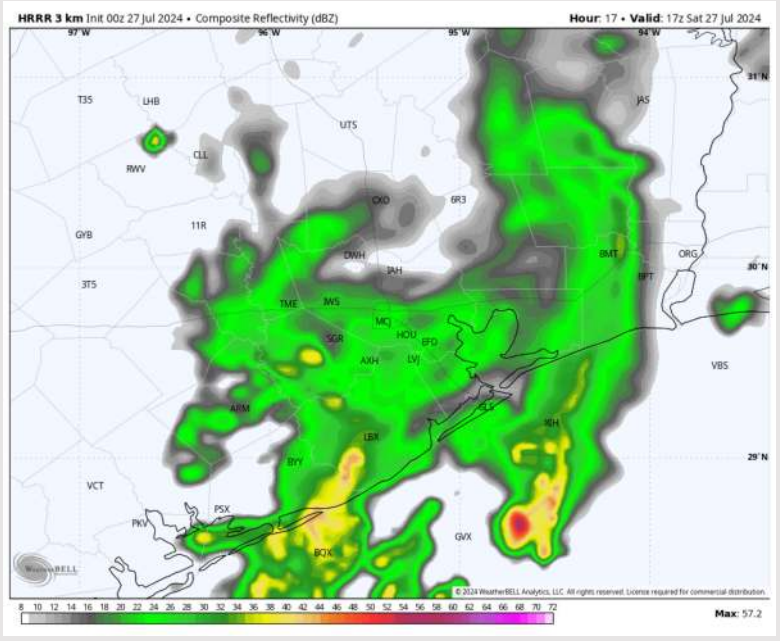
**Precip:** Widespread showers and storms (70%) move in for all stations around 7 AM and will continue through 3 PM. After then, showers will become more scattered (30%) throughout the day before clearing out by 8 PM. Dry conditions are favored through the remainder of the PM. **Wind gusts of 30-35 kts, small hail, and lightning will all be possible with AM storms!**

**Wind:** Winds favored to be variable through 3PM before settling out of the SE/S for the rest of the day. **N of Morgan's Point:** Winds will be at 2 – 7 kts for the entire day. **S of Morgan's Point:** Favoring winds at 8 – 12 kts through 6 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.

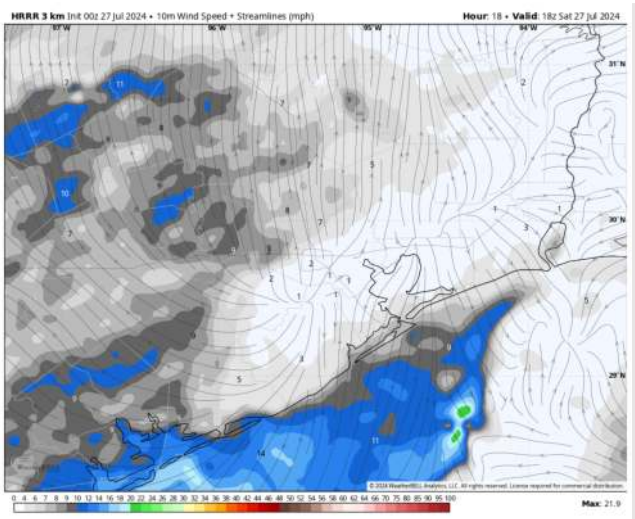
**High Temps:** **N of Morgan's Point:** Mid to upper 80s F. **S of Morgan's Point:** Mid 80s F.

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

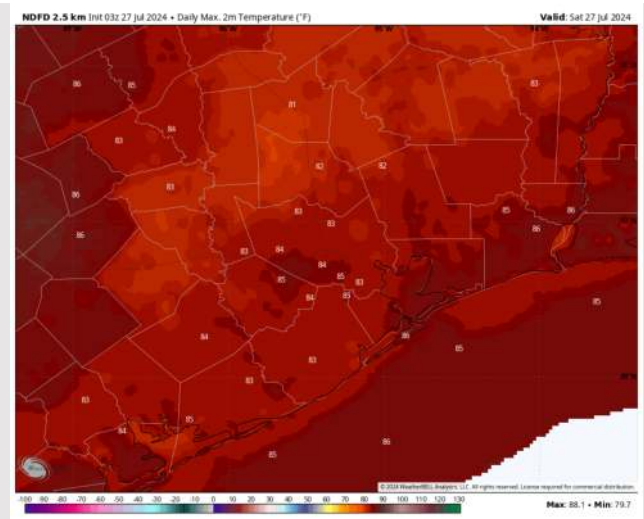
## Precip Image: 12 PM CT



Wind Speed:  
1 PM CT



High Temps  
Today



# Houston Pilots: SUN. 7/28/2024



## Forecast Discussion

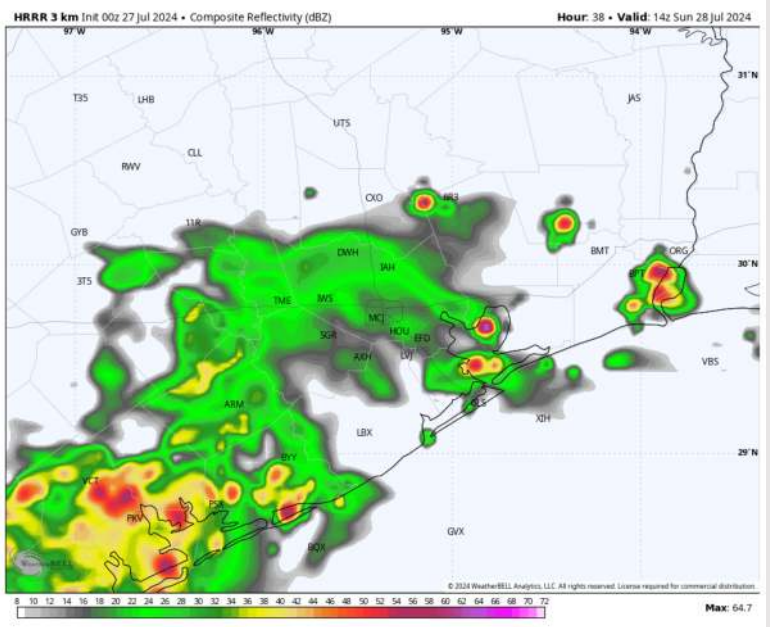
**Precip:** Scattered (40-60%) showers/storms will be possible from 6 AM through 7PM before conditions dry out for the rest of the evening on Sunday. **Lightning and few gusts of 25+kts will be possible with stronger storms**

**Wind:** Winds will be out of the S/SE throughout the day Sunday. **N of Morgan's Point:** Winds at 3 – 8 kts throughout the day on Sunday. **S of Morgan's Point:** Winds at 9 – 14 kts throughout the day on Sunday. Localized non-thunderstorm-related wind gusts of 20kts will be possible for all stations throughout the day.

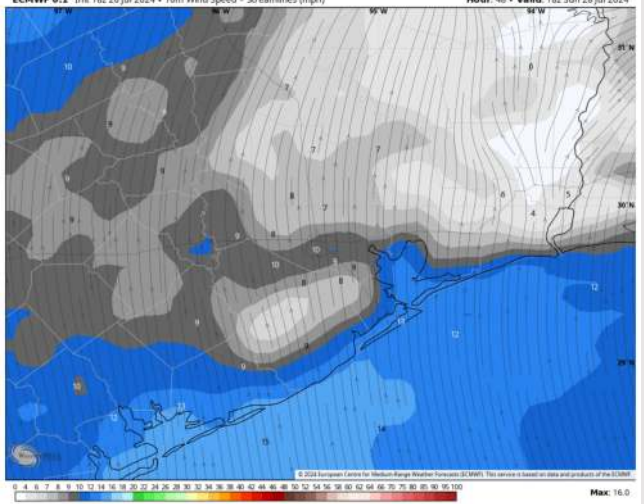
**High Temps:** **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Mid 80s F.

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

## Precip Image: 9 AM CT

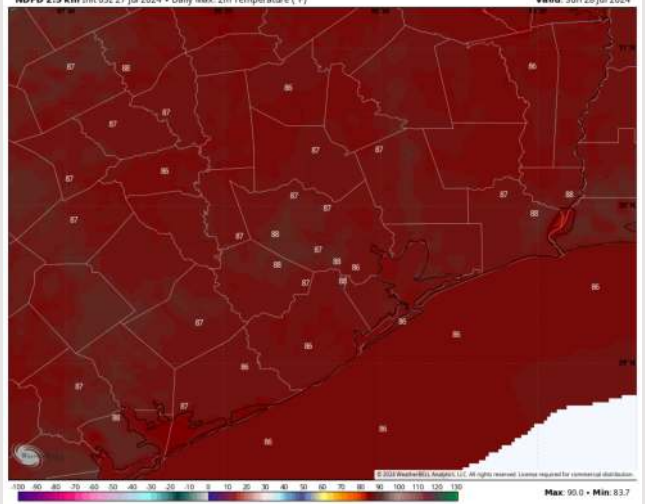


ECMWF 0.1° Init: 18z 26 Jul 2024 • 10m Wind Speed • Streamlines (mph) Hour: 48 • Valid: 18z Sun 28 Jul 2024



Wind Speed:  
1 PM CT

NDFD 2.5 km Init: 03z 27 Jul 2024 • Daily Max. 2m Temperature (F) Valid: Sun 28 Jul 2024



High Temps  
Sunday

# Houston Pilots: MON. 7/29/2024



## Forecast Discussion

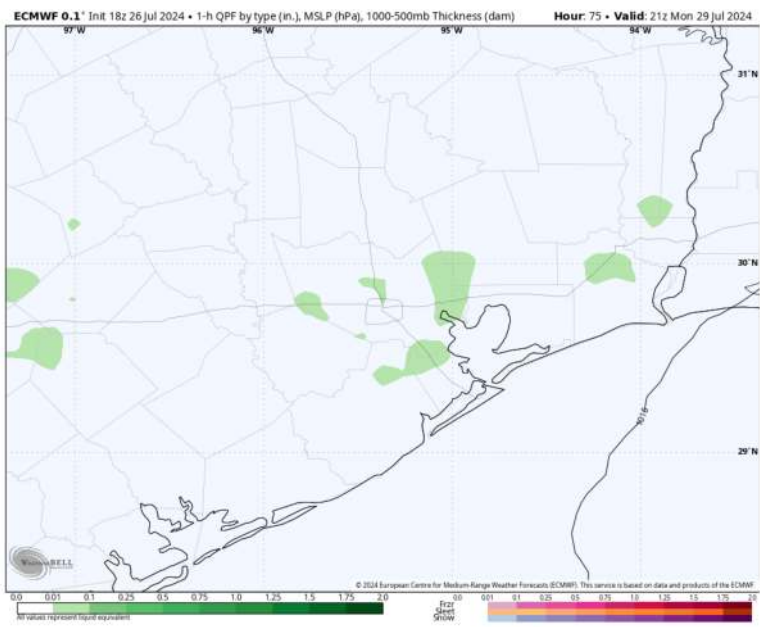
**Precip:** Hit/miss showers in play between 1 – 6 PM, but otherwise favoring dry conditions for the rest of Monday

**Wind:** Winds will be generally out of the S/SE throughout Monday. **N of Morgan's Point:** Winds consistently at 4-9 kts through Monday. **S of Morgan's Point:** Winds at 9-14 kts throughout the day on Monday. Localized wind gusts of 20 kts possible for all Stations after 10 AM.

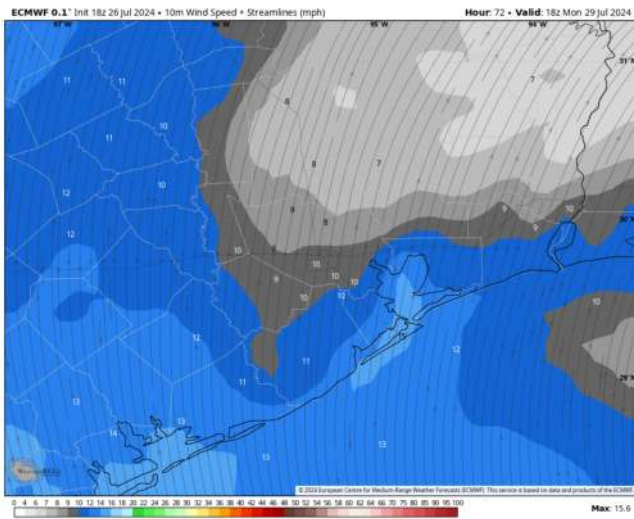
**High Temps:** **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Upper 80s F.

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

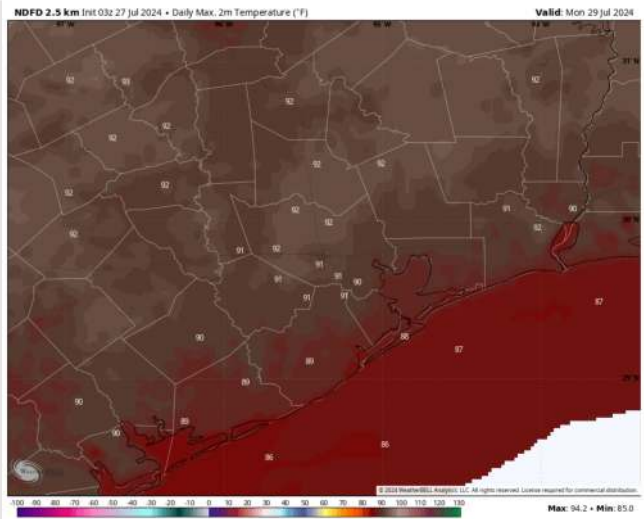
## Precip Image: 5 PM CT



Wind Speed  
1 PM CT

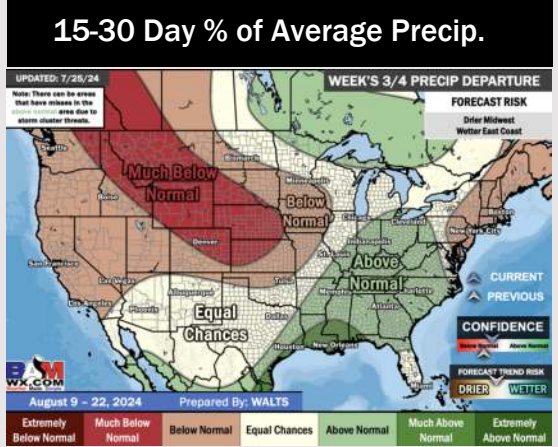
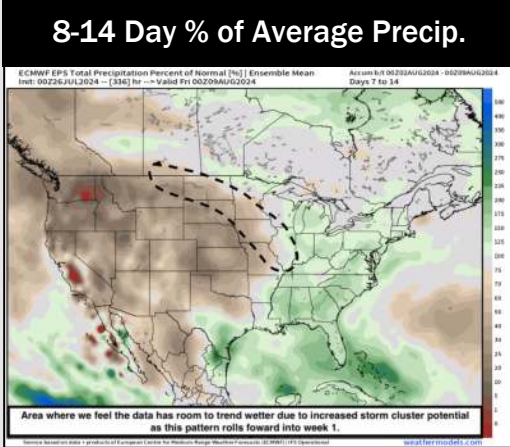
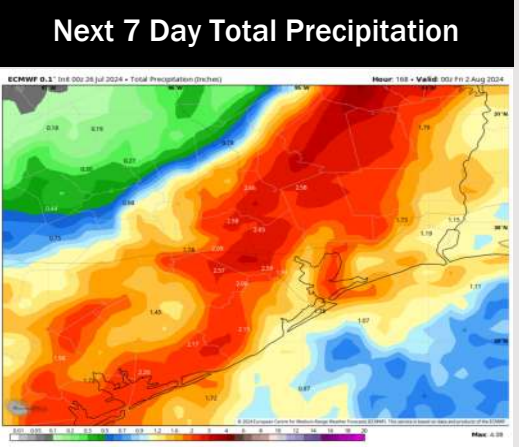
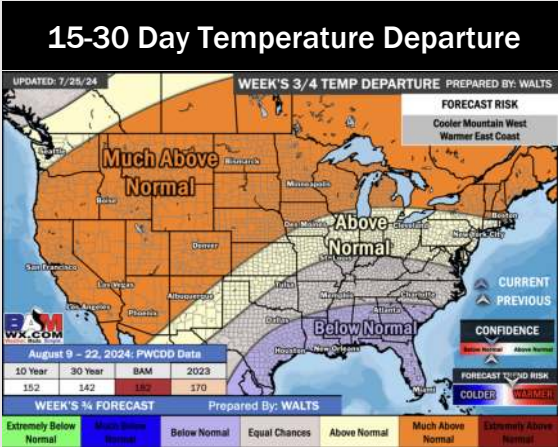
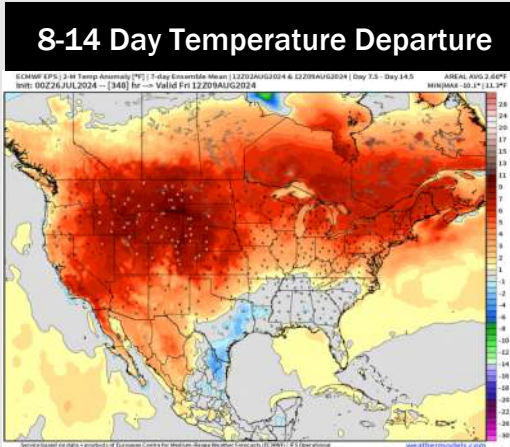
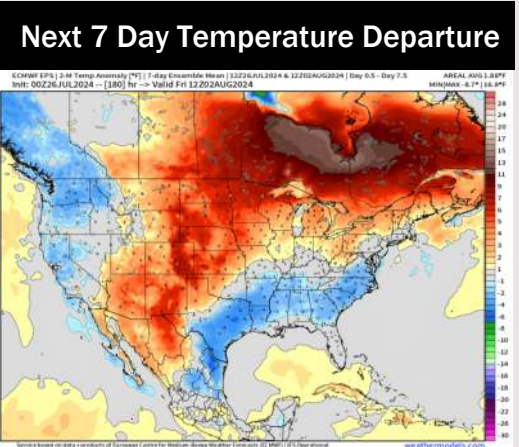


High Temps  
Monday





# Houston Pilots: 7/27/24



- 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. 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.