

# Houston Pilots Forecast Package



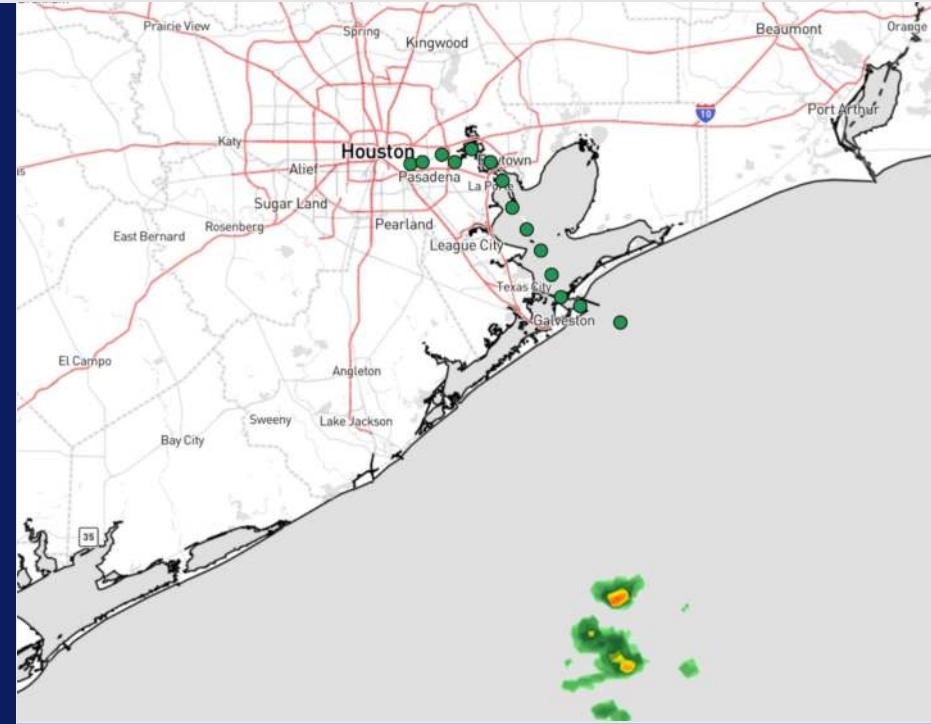
Updated: 2:15 AM CT

Wednesday, August 28, 2024

Forecaster: John Kemper

## Weather Headlines

- Scattered showers and storms possible over the next few days, with **~25 – 45 kt gusts in play.**
- Monitoring a gradual increase in tropical activity across the Atlantic over the next 1– 2 weeks.
- Not favoring any fog risks over the next few days.



Current Radar: 2:00 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

## European Model Next 10 Days - Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]  
INIT: 12Z27AUG2024 --> UNTIL 12Z06SEP2024

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



Monitoring very low-end potential for development in the Gulf of Mexico for this upcoming Sunday, however not favoring any significant threats through at least the next 7 days.

Favoring Tropical System to Develop E of the Lesser Antilles later this week.

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



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

**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**

Above Normal Below Normal

Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE

**Example**

10

15

↙

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

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# Houston Pilots: WED. 8/28/2024



## Forecast Discussion

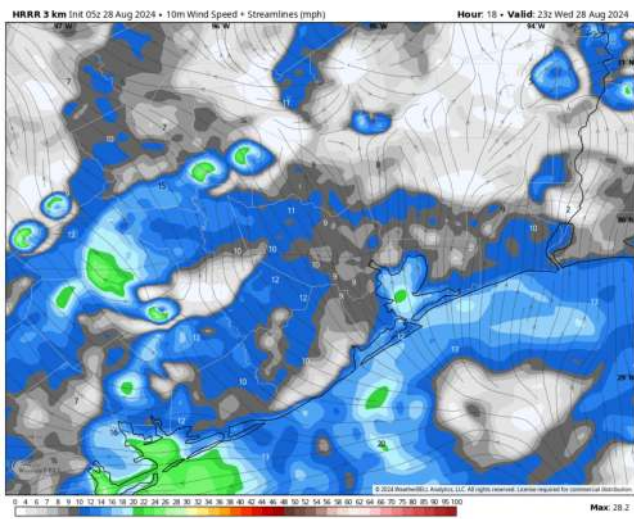
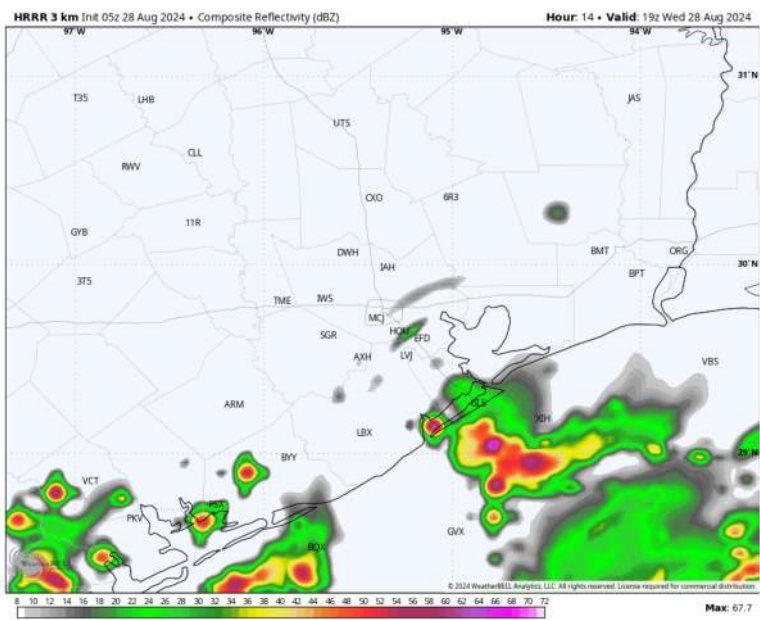
**Precip:** Scattered (30%) chances of downpours / storms will be possible from 10AM – 8PM, with the greatest risk being between 12PM – 3PM. Favoring dry conditions after 8 PM with a couple isolated storms working in just after 11 PM. **Wind gusts in storms can reach 35 - 45 kts.**

**Wind:** Winds will start out of the NE, transitioning out of the E/SE by 8 AM for the remainder of the day. **N of Morgan's Point:** Winds at 4 – 8 kts throughout the day. **S of Morgan's Point:** Winds at 5 – 7 kts through 8AM, before winds increase to 8 – 12 kts throughout the rest of the day, with the exception of 2PM – 6PM when winds will be 10 – 15 kts.

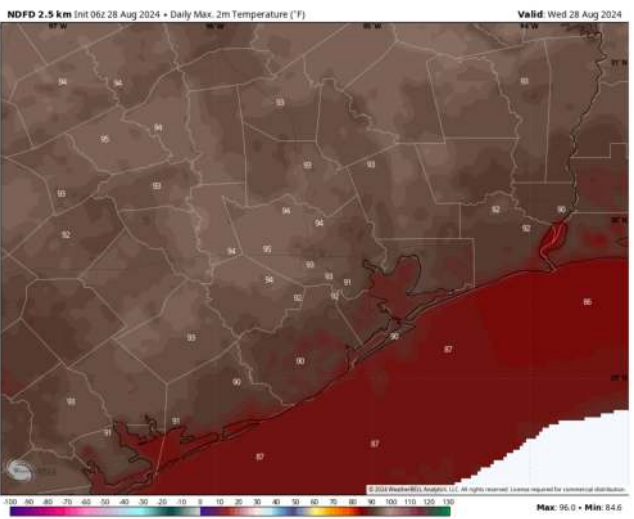
**High Temps:** **N of Morgan's Point:** Lower 90s F. **S of Morgan's Point:** Near 90 F.

**Visibility:** Not anticipating any visibility concerns today, however, visibilities can be reduced in heavy downpours.

## Precip Image: 2 PM CT



Wind Speed:  
4 PM CT



High Temps  
Today

# Houston Pilots: THU. 8/29/2024

## Forecast Discussion

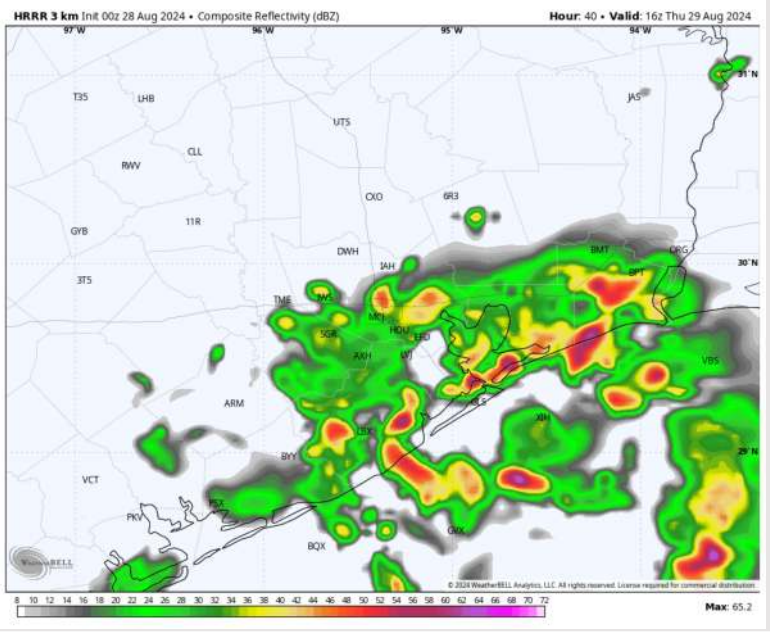
**Precip:** Showers / storms will be possible from 12AM – 9PM (20%- 40% chances for all stations) Best potential from 10AM – 4PM. **Gusts of 25 - 35 kts will be possible with storms.**

**Wind:** Winds will be generally out of the S/SE throughout the day. **N of Morgan's Point:** Winds at 4 – 9 kts through all of Thursday. **S of Morgan's Point:** Winds at 8 – 13 kts through all of Thursday.

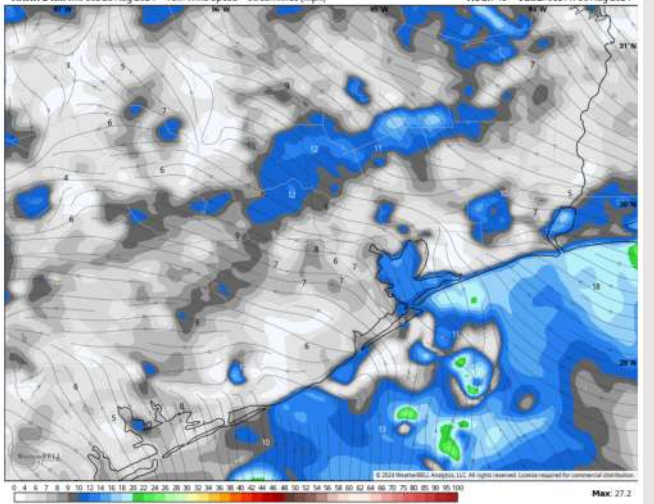
**High Temps:** **N of Morgan's Point:** Lower 90s F. **S of Morgan's Point:** Upper 80s F.

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

## Precip Image: 7 AM CT

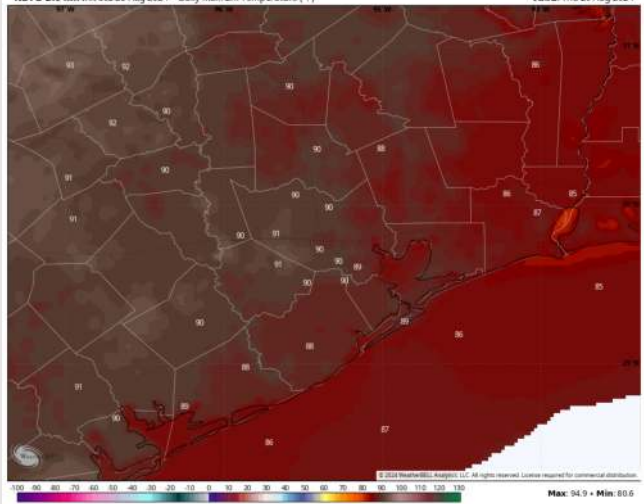


HRRR 3 km Init 00z 28 Aug 2024 • 10m Wind Speed • Streamlines (mph) Hour: 45 • Valid: 00z Fri 30 Aug 2024



Wind Speed  
5 PM CT

NDFD 2.5 km Init 06z 28 Aug 2024 • Daily Max, 2m Temperature (°F) Valid: Thu 29 Aug 2024



High Temps  
Thursday

# Houston Pilots: FRI. 8/30/2024



## Forecast Discussion

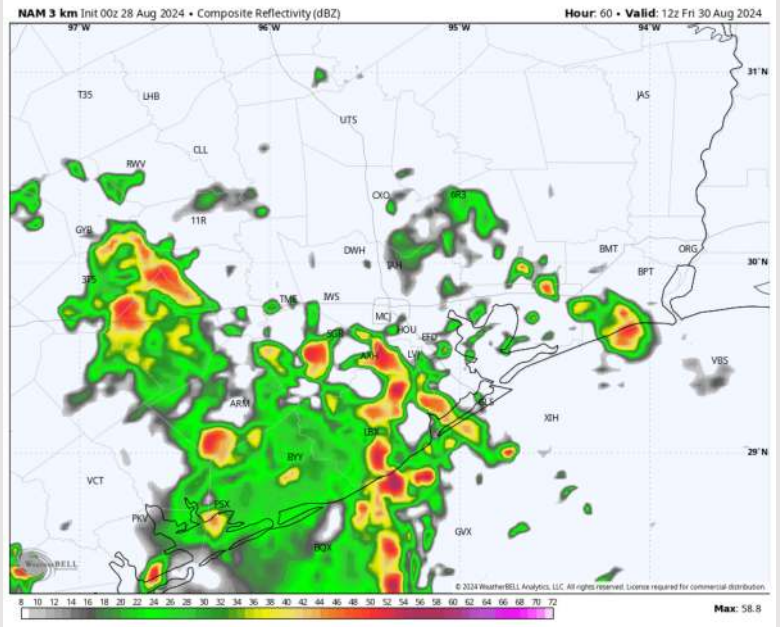
**Precip:** Favoring scattered showers/storms to be possible from 4AM to 8PM. Severe weather is not favored with these storms, however, **lightning and gusts of 30 – 40 kts will be possible.**

**Wind:** Winds will be out of the southeast for the entire day on Friday. **N of Morgan's Point:** Winds will be at 3 – 8 kts throughout the day. **S of Morgan's Point:** Winds will be 6 – 11 kts throughout the day.

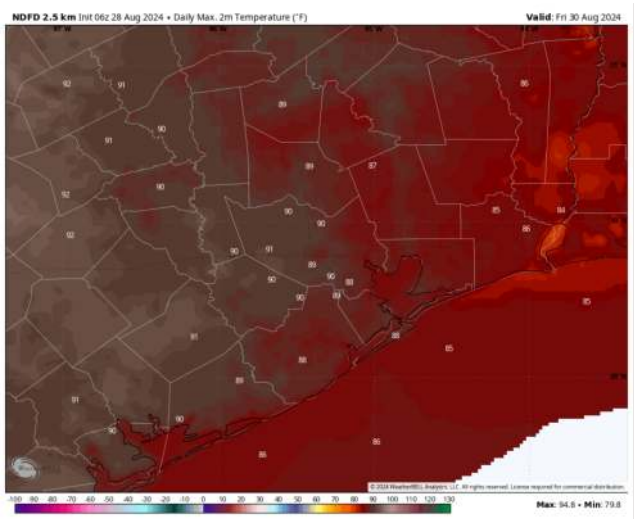
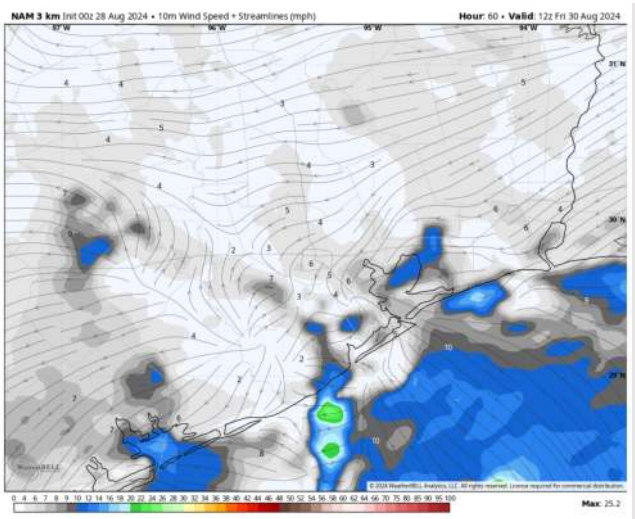
**High Temps:** **N of Morgan's Point:** Lower 90s F. **S of Morgan's Point:** Mid 80s F.

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

## Precip Image: 7 AM CT

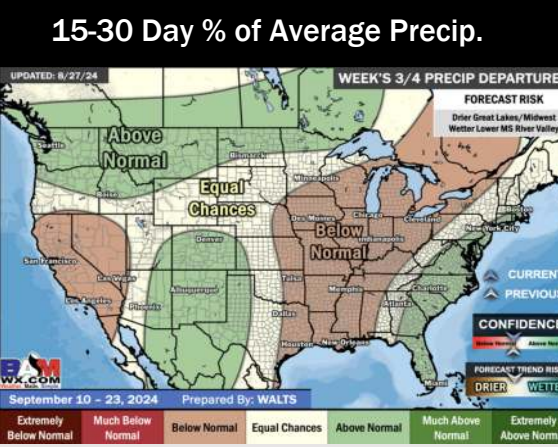
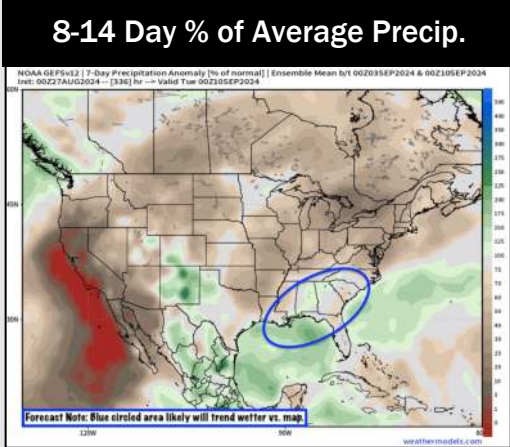
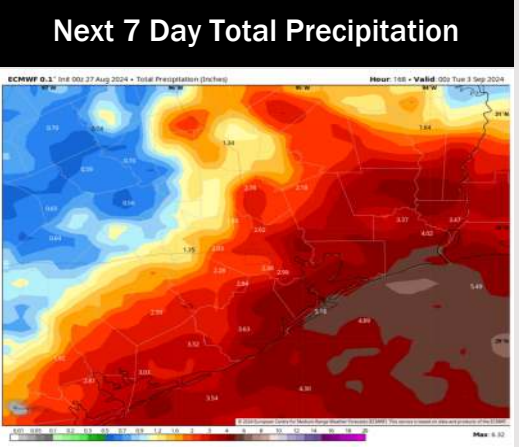
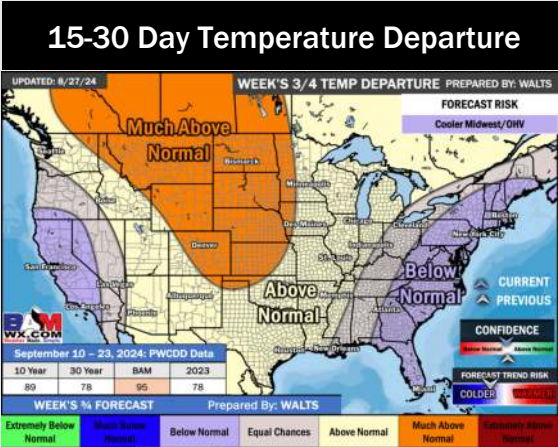
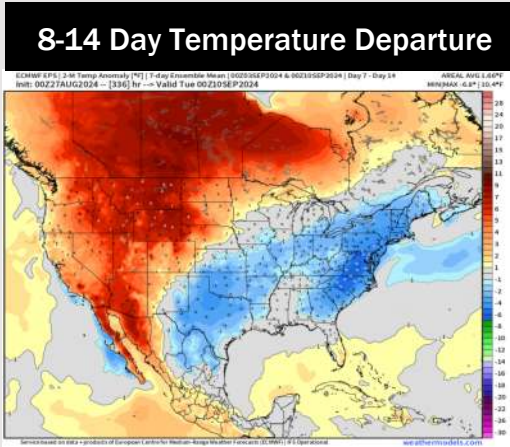
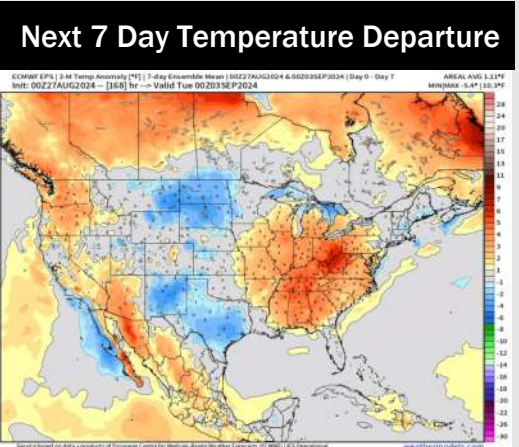


Wind Speed:  
7 AM CT



High Temps  
Friday

# Houston Pilots: 8/28/24



- Temps are expected to be slightly below normal for the week 1 timeframe. Scattered rain chances are expected daily through the next week.
- Above normal temperatures are favored into week 2 with near normal rain chances.
- Above normal temperatures and below average precipitation chances are expected for the weeks 3/4 timeframe. As we approach the beginning of September, Atlantic tropical activity looks to ramp up. We will be monitoring closely and providing updates as needed.