

# Houston Pilots Forecast Package



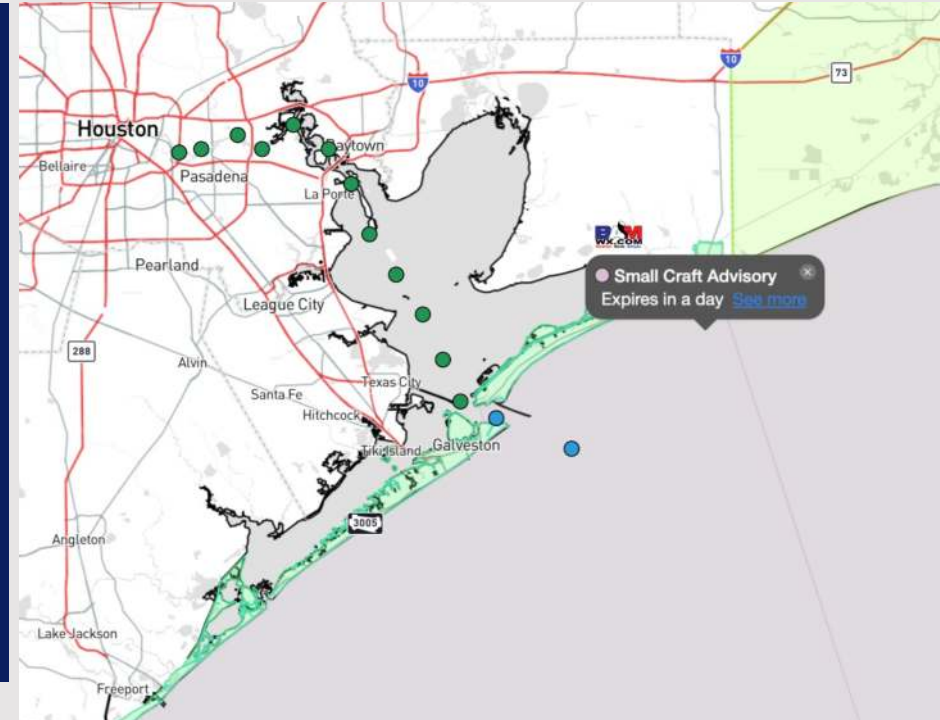
Updated: 10:00 PM CT

Friday, October 18, 2024

Forecaster: Xander Lowry

## Weather Headlines

- Wave heights of 4' – 5' will be in play SAT and SUN. See slides below.
- **Gusty winds of 20-25 kts are possible over the next 48 hours.**
- Not favoring any fog concerns over the next 72 hours.

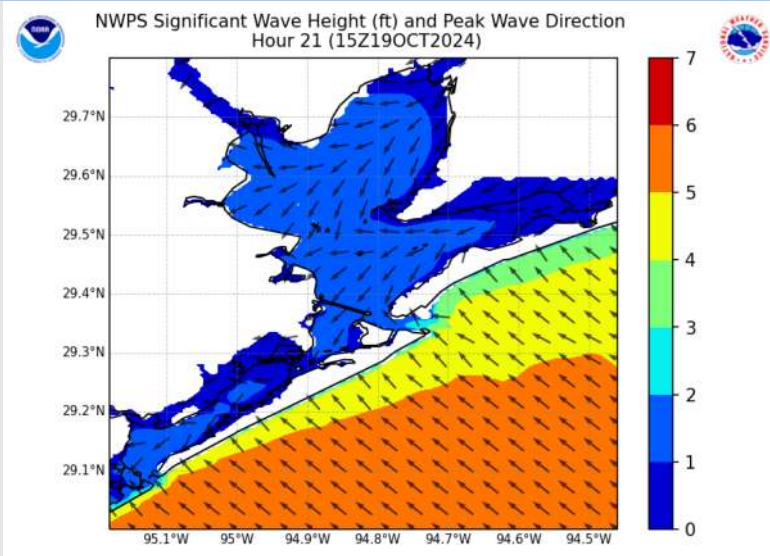


Current Radar: 9:55 PM CT



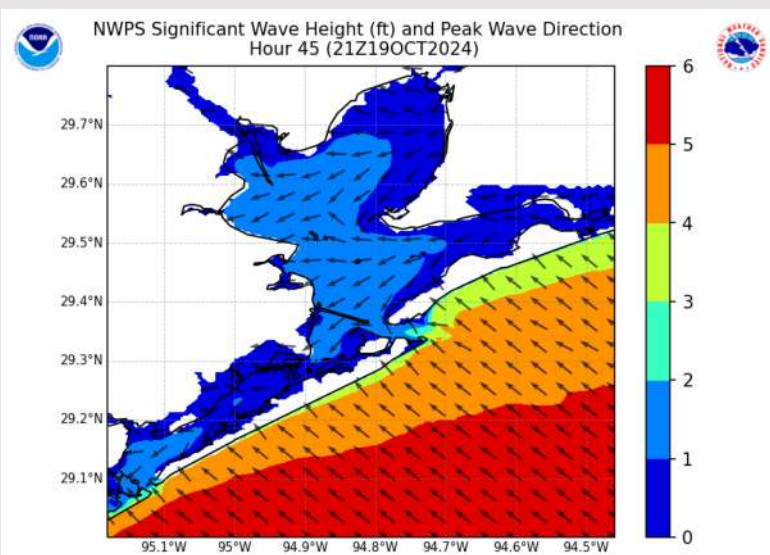
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

# Wave Height Forecast Update



10 AM CT SAT

Wave heights of 4' – 5' are favored to continue throughout the day today.



1 AM CT SUN

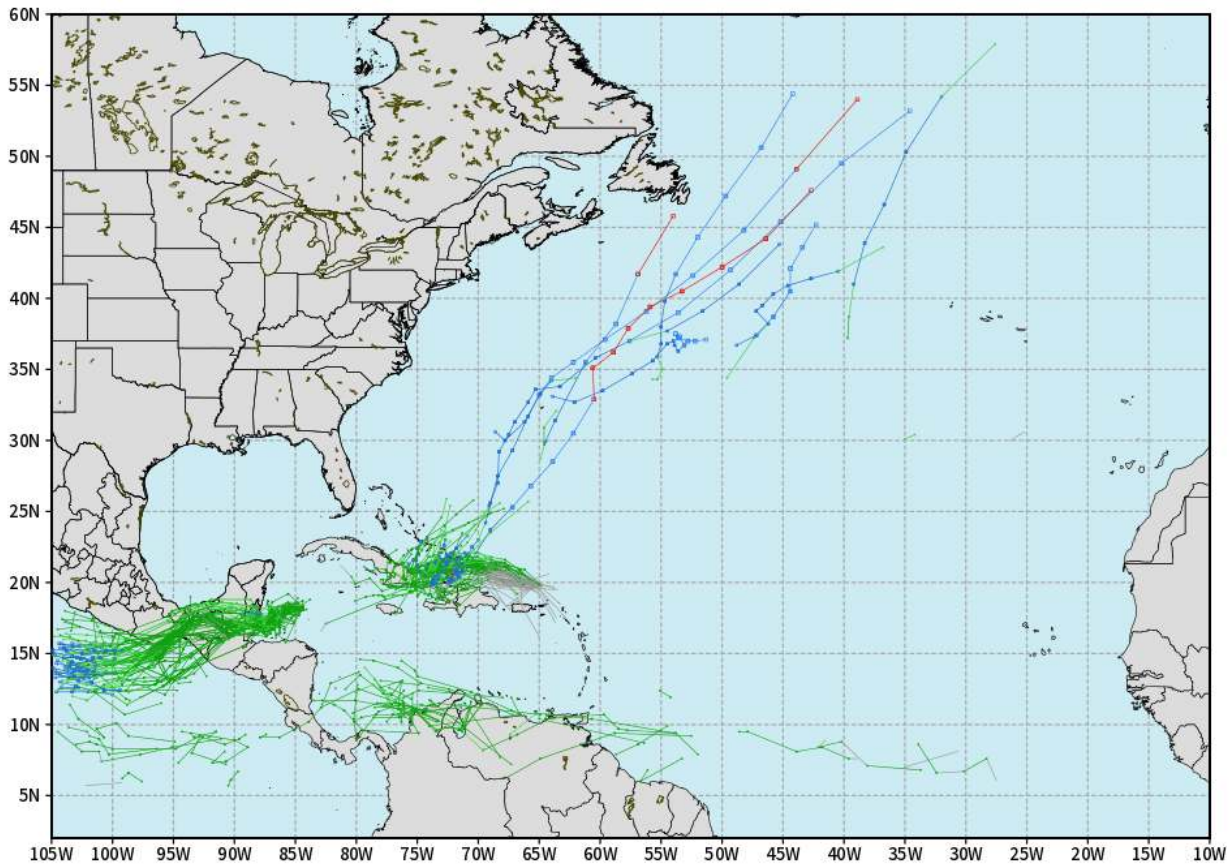
Wave heights will continue with heights at 4' – 5' lasting through 10PM SUN before beginning to decrease.

# Houston Pilots Tropical Update

## European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]  
INIT: 12Z18OCT2024 --> UNTIL 12Z28OCT2024

- 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](http://weathermodels.com)

We are tracking the potential for a tropical system to develop E of Cuba this weekend. In addition, there is a low-end threat in the Caribbean for additional development towards the weekend.

We continue to favor no threats for Houston over the next 7 days.

# Houston Pilots Tropical Update



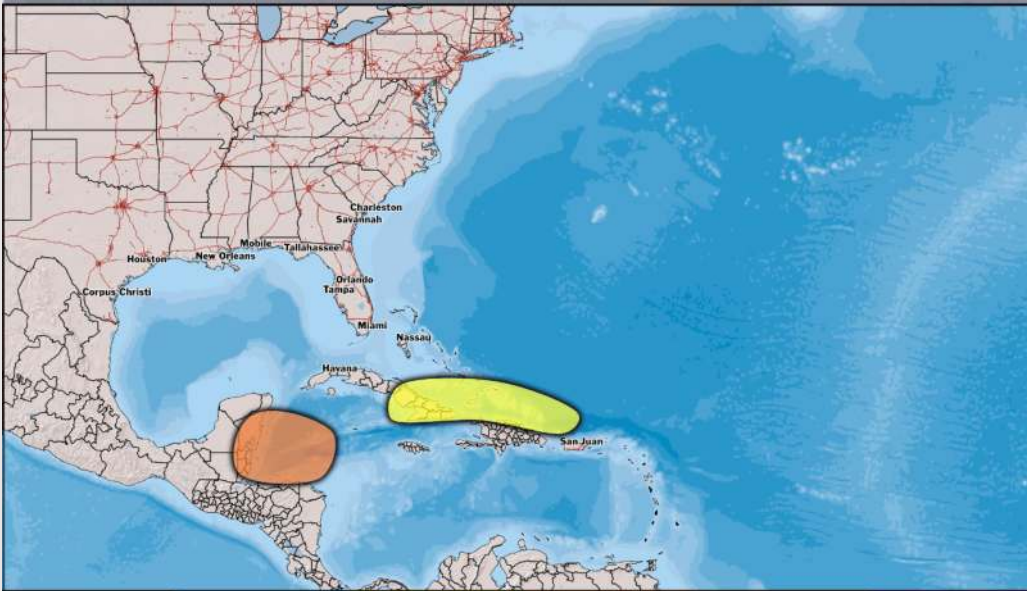


## Atlantic Tropical Update

**TROPICAL INSIGHT**

4:20 PM ET Friday, October 18<sup>th</sup>, 2024

Forecaster: Lowry




Formation Chances

|         |         |         |         |            |
|---------|---------|---------|---------|------------|
| 0 - 20% | 20%-40% | 40%-60% | 60%-80% | 80% - 100% |
|---------|---------|---------|---------|------------|

**TIMING:** October 18<sup>th</sup> – October 22<sup>nd</sup>

**FORECAST NOTES:**

- ✓ **Orange area of Interest:** Chance of Tropical Development Between 10/18 - 10/20
- ✓ **Yellow Area of Interest:** Low End Chance of Tropical Development E of Cuba 10/18 – 10/21.
- ✓ No US impacts favored



# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



| Visibility                           | Fri 11 pm | 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 |
|--------------------------------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Houston Pilots N - 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        |
| Houston Pilots M - 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        |
| Houston Pilots L - 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        |
| Houston Pilots K - 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        |
| Houston Pilots J - 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        |
| Houston Pilots I - 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        |
| Houston Pilots H - 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        |
| Houston Pilots G - 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        |
| Houston Pilots F - 63/64             | 10        | 10        | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10        | 10        | 10        | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10        |
| Houston Pilots E - 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        |
| Houston Pilots D - 37/38             | 10        | 10        | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10        | 10        | 10        | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10        |
| Houston Pilots C - 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        |
| Houston Pilots B - 11/12             | 10        | 10        | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10        | 10        | 10        | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10       | 10        |
| Houston Pilots A - 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        |

**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                                 | Fri 11 pm | 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 |
|--------------------------------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Houston Pilots N - 610 Bridge        | 8<br>←    | 8<br>←    | 8<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 9<br>←   | 10<br>←  | 10<br>←  | 10<br>←  | 12<br>←   | 12<br>←   | 12<br>←   | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 9<br>←   | 8<br>←   | 7<br>←   | 6<br>←    |
| Houston Pilots M - Kinder 1          | 8<br>←    | 8<br>←    | 8<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 9<br>←   | 10<br>←  | 10<br>←  | 10<br>←  | 12<br>←   | 12<br>←   | 12<br>←   | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 9<br>←   | 8<br>←   | 7<br>←   | 6<br>←    |
| Houston Pilots L - Greens Bayou      | 8<br>←    | 8<br>←    | 8<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 9<br>←   | 9<br>←   | 10<br>←  | 10<br>←  | 10<br>←   | 10<br>←   | 12<br>←   | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 9<br>←   | 8<br>←   | 7<br>←   | 6<br>←    |
| Houston Pilots K - Shell Crude       | 8<br>←    | 8<br>←    | 8<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 9<br>←   | 9<br>←   | 10<br>←  | 10<br>←  | 12<br>←   | 12<br>←   | 12<br>←   | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 9<br>←   | 8<br>←   | 7<br>←   | 6<br>←    |
| Houston Pilots J - Lynchburg Ferries | 8<br>←    | 8<br>←    | 8<br>←   | 7<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 8<br>←   | 9<br>←   | 9<br>←   | 10<br>←  | 10<br>←   | 10<br>←   | 10<br>←   | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 10<br>←  | 8<br>←   | 7<br>←   | 6<br>←   | 6<br>←    |
| Houston Pilots I - Exxon 3           | 14<br>←   | 14<br>←   | 14<br>←  | 14<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 15<br>←   | 15<br>←   | 15<br>←   | 14<br>←  | 14<br>←  | 14<br>←  | 14<br>←  | 13<br>←  | 13<br>←  | 13<br>←  | 10<br>←  | 10<br>←  | 10<br>←   |
| Houston Pilots H - Morgans Point     | 15<br>←   | 15<br>←   | 15<br>←  | 14<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 16<br>←  | 16<br>←  | 15<br>←   | 15<br>←   | 15<br>←   | 15<br>←  | 14<br>←  | 15<br>←  | 14<br>←  | 14<br>←  | 13<br>←  | 13<br>←  | 12<br>←  | 12<br>←  | 10<br>←   |
| Houston Pilots G - 75/76             | 17<br>←   | 17<br>←   | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 18<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 18<br>←   | 17<br>←   | 16<br>←   | 15<br>←  | 15<br>←  | 16<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 15<br>←  | 13<br>←  | 13<br>←  | 13<br>←   |
| Houston Pilots F - 63/64             | 23<br>←   | 23<br>←   | 23<br>←  | 23<br>←  | 23<br>←  | 24<br>←  | 24<br>←  | 24<br>←  | 24<br>←  | 26<br>←  | 26<br>←  | 26<br>←   | 25<br>←   | 24<br>←   | 25<br>←  | 23<br>←  | 24<br>←  | 24<br>←  | 23<br>←  | 23<br>←  | 22<br>←  | 21<br>←  | 20<br>←  | 18<br>←   |
| Houston Pilots E - 51/52             | 17<br>←   | 18<br>←   | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 18<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 20<br>←   | 18<br>←   | 17<br>←   | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 16<br>←  | 15<br>←  | 15<br>←  | 15<br>←   |
| Houston Pilots D - 37/38             | 25<br>←   | 25<br>←   | 24<br>←  | 24<br>←  | 24<br>←  | 25<br>←  | 24<br>←  | 25<br>←  | 26<br>←  | 26<br>←  | 28<br>←  | 28<br>←   | 28<br>←   | 26<br>←   | 26<br>←  | 25<br>←  | 25<br>←  | 25<br>←  | 24<br>←  | 24<br>←  | 23<br>←  | 22<br>←  | 21<br>←  | 21<br>←   |
| Houston Pilots C - 25/26             | 17<br>←   | 17<br>←   | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 18<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 20<br>←   | 20<br>←   | 18<br>←   | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 17<br>←  | 16<br>←  | 15<br>←  | 15<br>←  | 15<br>←   |
| Houston Pilots B - 11/12             | 25<br>←   | 25<br>←   | 25<br>←  | 24<br>←  | 25<br>←  | 25<br>←  | 24<br>←  | 25<br>←  | 26<br>←  | 26<br>←  | 26<br>←  | 26<br>←   | 28<br>←   | 28<br>←   | 28<br>←  | 26<br>←  | 26<br>←  | 26<br>←  | 26<br>←  | 26<br>←  | 24<br>←  | 24<br>←  | 23<br>←  | 22<br>←   |
| Houston Pilots A - 1 & 2 Bravo       | 18<br>←   | 20<br>←   | 20<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 21<br>←  | 22<br>←   | 21<br>←   | 21<br>←   | 20<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 20<br>←  | 18<br>←  | 17<br>←  | 16<br>←  | 17<br>←  | 17<br>←   |

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# Houston Pilots: SAT. 10/19/2024



## Forecast Discussion

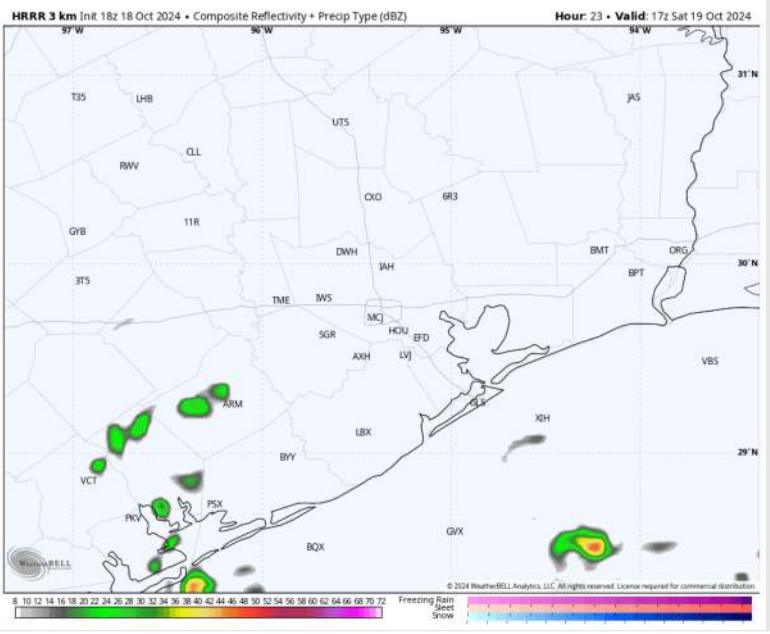
**Precip:** Favoring dry conditions throughout the day.

**Wind:** Winds will be out of the ENE for all of today. **N of Morgan's Point:** Winds will be at 8 – 13 kts through 7PM before decreasing to 3 – 8 kts for the evening. **S of Morgan's Point:** Winds will be at 17 – 22 kts for the entire day. **Gusts of 20-25 kts in play for stations S of Morgan's Point from 4AM through 5 PM.**

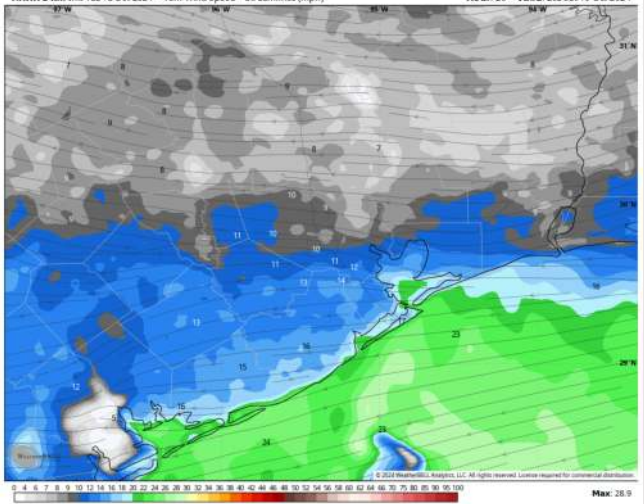
**High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s F.

**Visibility:** No visibility concerns for today.

## Precip Image: 12 PM CT

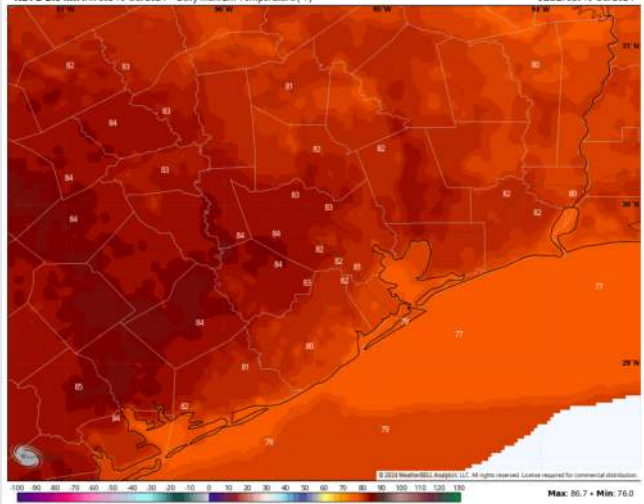


HRRR 3 km Init: 18z 18 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 26 • Valid: 20z Sat 19 Oct 2024



Wind Speed  
3 PM CT

NDFD 2.5 km Init: 00z 19 Oct 2024 • Daily Max, 2m Temperature (°F) Valid: Sat 19 Oct 2024



High Temps  
Today

# Houston Pilots: SUN. 10/20/2024



## Forecast Discussion

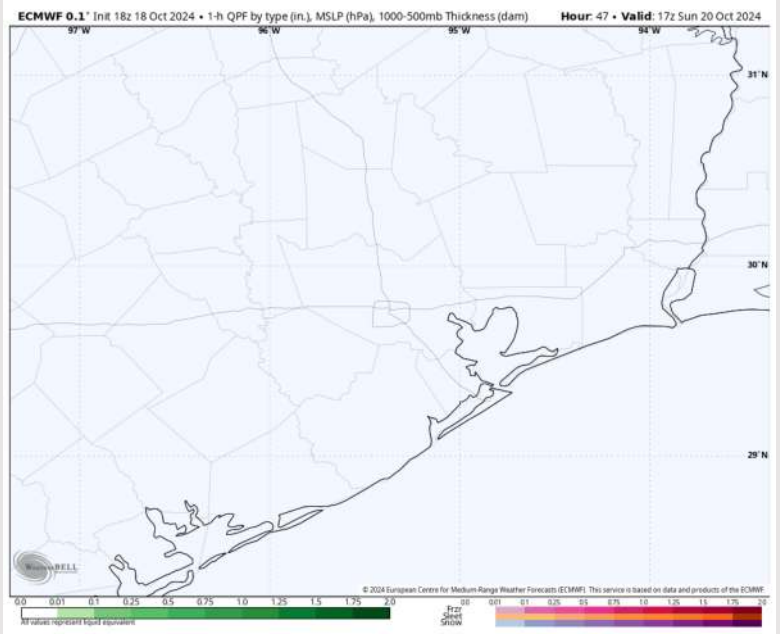
**Precip:** Favoring dry conditions for Sunday.

**Wind:** Winds will be generally out of the ENE for the entire day. **N of Morgan's Point:** Winds will be at 5-10 kts throughout the day on Sunday. **S of Morgan's Point:** Winds will be at 14 – 19 kts through out the day. **Wind gusts up to 20 - 25 kts are possible for Stations S of Morgan's will be possible throughout the day on Sunday.**

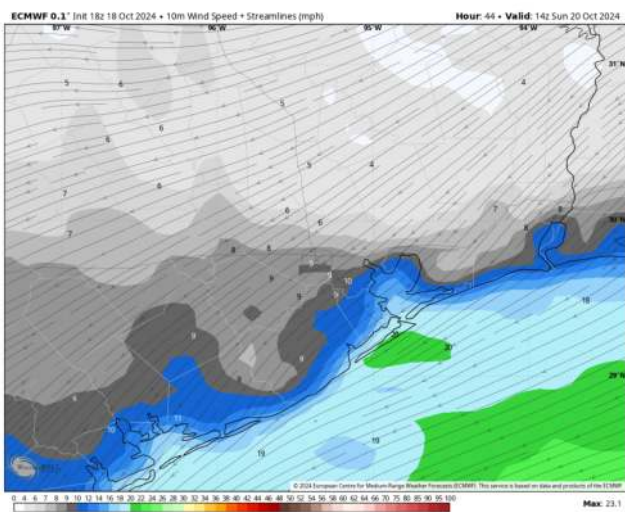
**High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Mid 70s F.

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

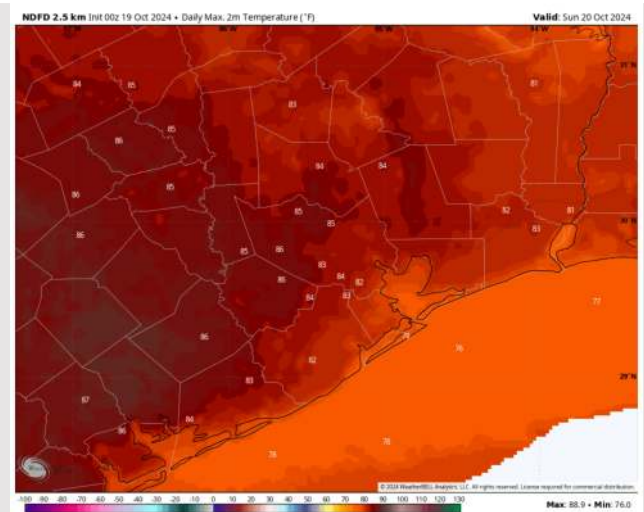
## Precip Image: 12 PM CT



Wind Speed:  
9 AM CT



High Temps  
Sunday





# Houston Pilots: MON. 10/21/2024



## Forecast Discussion

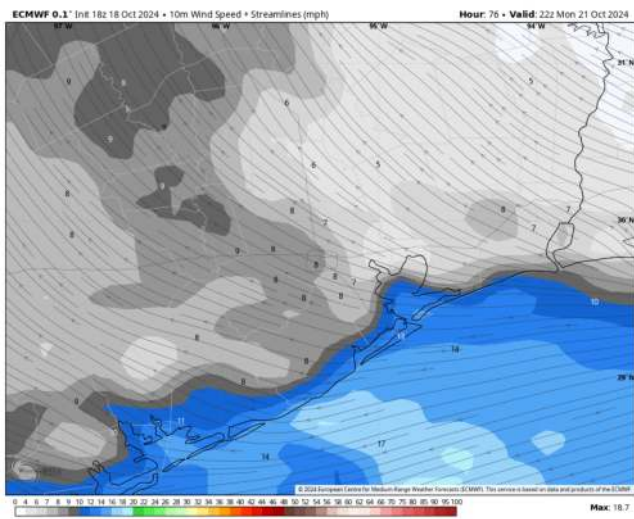
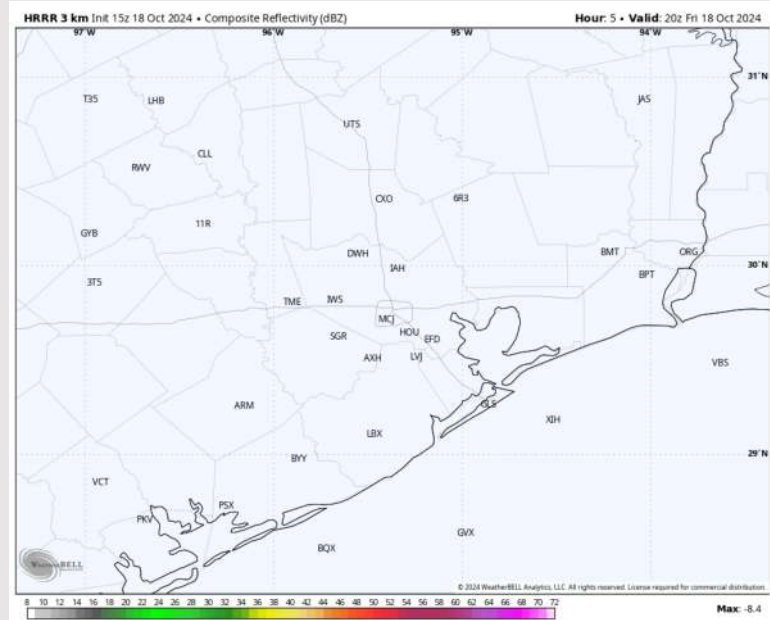
**Precip:** Favoring dry conditions for the rest of the day Monday.

**Wind:** Winds will be generally out of the ESE throughout Friday. **N of Morgan's Point:** Winds will be sustained at 5 – 10 kts through Monday. **S of Morgan's Point:** Winds at 11 – 16 kts throughout the day today.

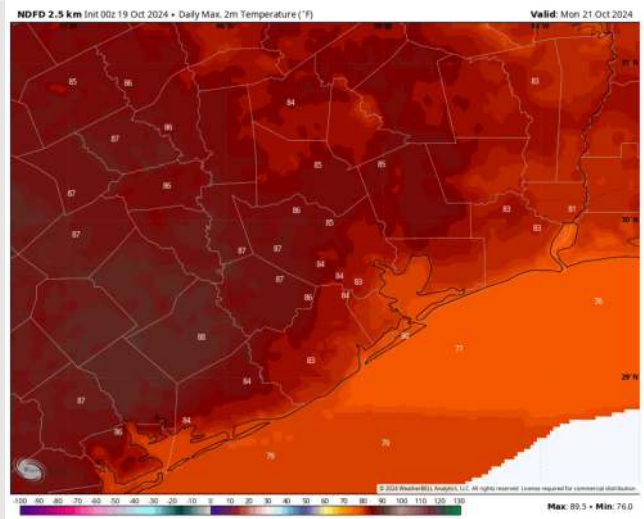
**High Temps:** **N of Morgan's Point:** Mid to Low 80s F. **S of Morgan's Point:** Upper 70s F

**Visibility:** Not fog concerns Monday.

## Precip Image: 3 PM CT



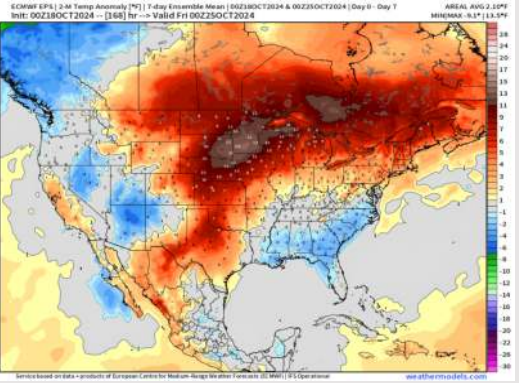
Wind Speed:  
5 PM CT



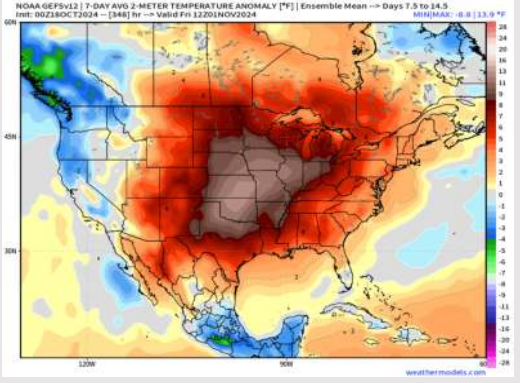
High Temps  
Monday

# Houston Pilots: 10/19/24

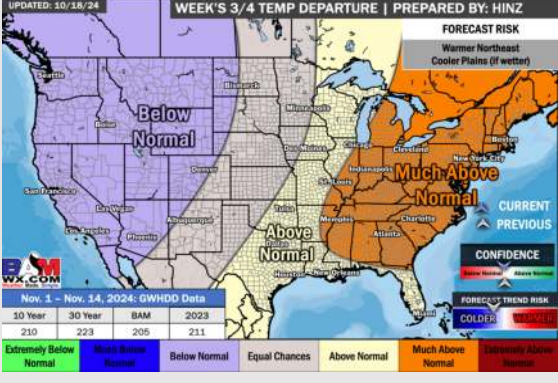
**Next 7 Day Temperature Departure**



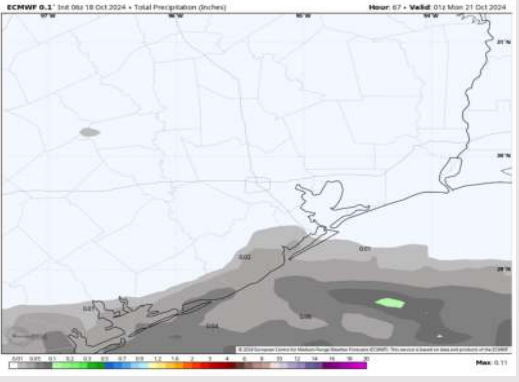
**8-14 Day Temperature Departure**



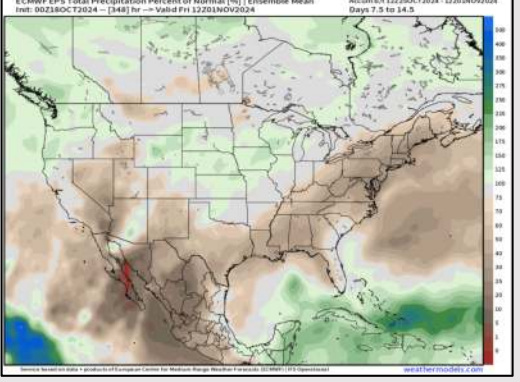
**15-30 Day Temperature Departure**



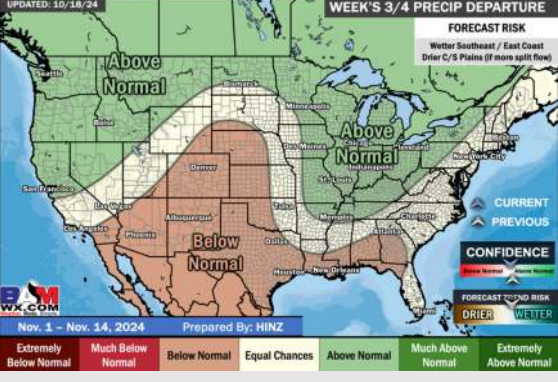
**Next 7 Day Total Precipitation**



**8-14 Day % of Average Precip.**



**15-30 Day % of Average Precip.**



- Temps are expected to be near normal for the week 1 timeframe. Favoring mostly dry conditions through the week 1 timeframe.
- Above normal temperatures are favored for week 2. Favoring precipitation to be below normal.
- Above normal temperatures and below normal precipitation chances are expected for the weeks 3/4 timeframe.