

# Houston Pilots Forecast Package



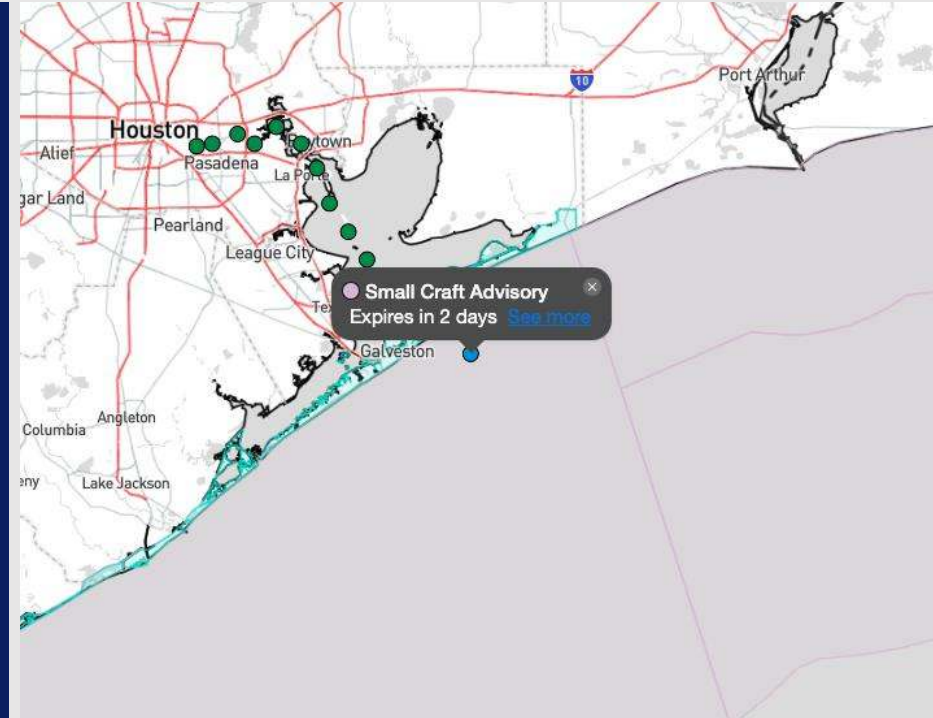
Updated: 1:15 PM CT

Saturday, October 19, 2024

Forecaster: Jonathan Kipper

## Weather Headlines

- **ZULU Conditions are currently in effect through SUN for wave heights of 4' – 6' See slides below.**
- [Wave Height Video](#)
- **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: 1:00 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 Port Trigger Update

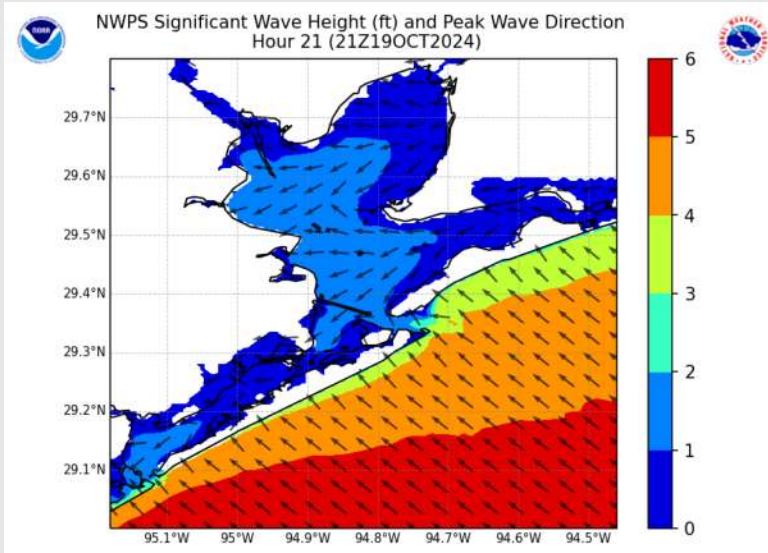


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	---	---	---
X-Ray	---	---	---
Yankee	---	---	---
Zulu	---	<b>CURRENT</b>	<b>10 AM CT SUN</b>

Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	<b>Past</b>
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	<b>Past</b>
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or <b>6' wave height</b>	<b>Past</b>
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or <b>6' wave height</b>	<b>Past</b>
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or <b>6' wave height</b>	<b>YES</b>

**NOTES:** Wave height of 4 to 6 ft will continue for the Boarding Station through Sunday. While wave heights will predominantly remain below the 6 ft threshold, periodic instances of 6+ ft will likely occur, causing the Zulu Port Condition to be triggered.

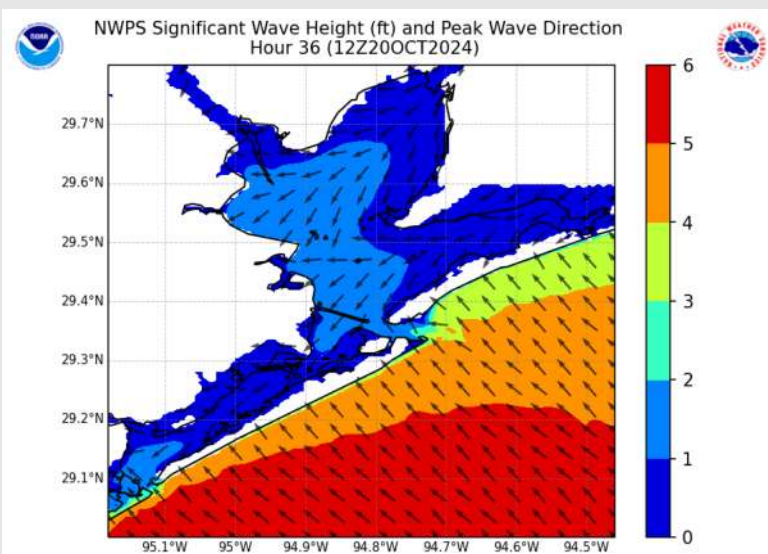
# Wave Height Forecast Update



4 PM CT SAT

Wave heights of 4' – 6' are favored to continue throughout SAT and into SUN.

Periodic instances of 6+ ft will be possible at the Boarding Station.



7 AM CT SUN

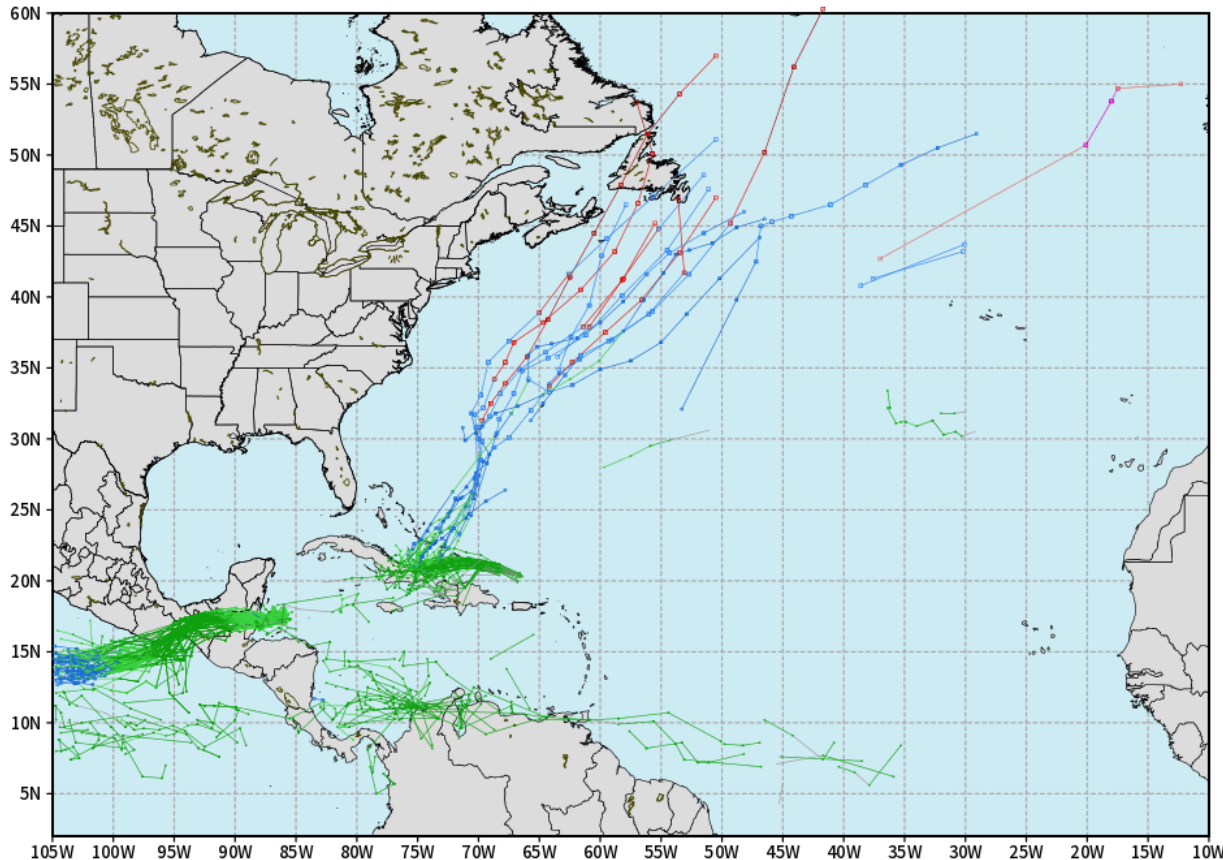
Wave heights will decrease below 6 ft by 10 AM SUN and below 4 ft by 10 PM SUN.

# Houston Pilots Tropical Update

## European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]  
INIT: 00Z19OCT2024 --> UNTIL 00Z29OCT2024

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 2 Named Tropical Storms in the Eastern Caribbean (Oscar) and South of the Yucatan Peninsula (Nadine) currently. Neither will impact Houston.

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

# Houston Pilots Tropical Update

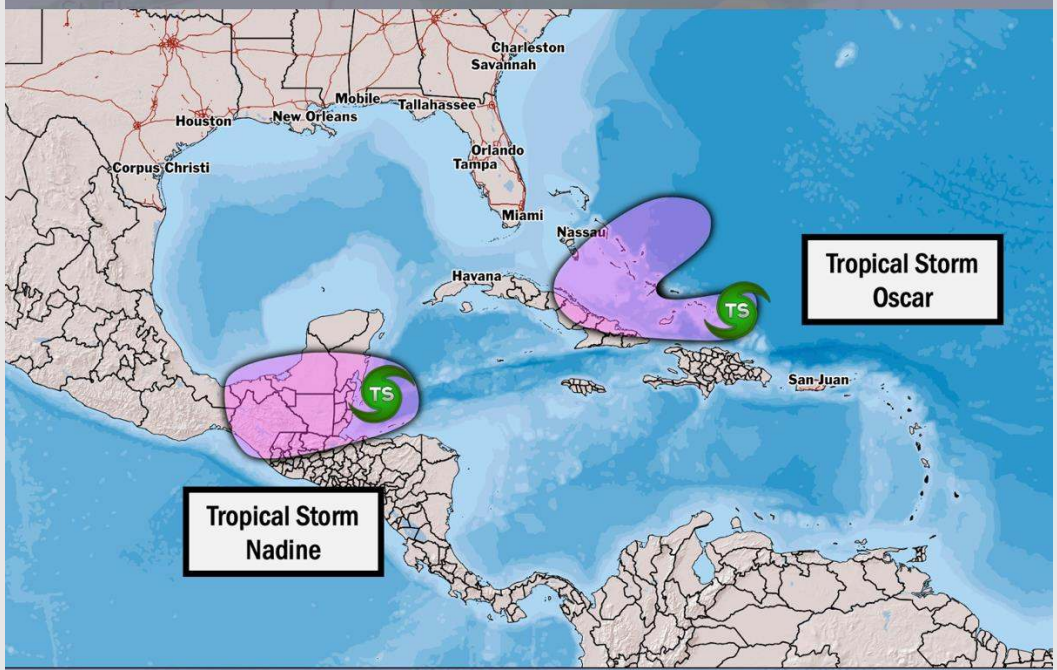


## Atlantic Tropical Update

TROPICAL INSIGHT

1:00 PM ET Saturday, October 19, 2024

Forecaster: Kipper



**TIMING: SAT 10/19 – TUE 10/22**

### FORECAST NOTES:

- ✓ TS Nadine: Will work westward inland into Mexico
- ✓ TS Oscar: Will affect E. Caribbean (Cuba, Turks and Caicos, Bahamas)
- ✓ No Risk of Impacts favored for United States



# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Visibility	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	Sun 12 am	Sun 1 am	Sun 2 am	Sun 3 am	Sun 4 am	Sun 5 am	Sun 6 am	Sun 7 am	Sun 8 am	Sun 9 am	Sun 10 am	Sun 11 am	Sun 12 pm	Sun 1 pm	Sun 2 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



Sustained wind 10 Knots  
Gusts 15 Knots  
Wind from the SE

Example  
10  
15  
↖

Wind	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	Sun 12 am	Sun 1 am	Sun 2 am	Sun 3 am	Sun 4 am	Sun 5 am	Sun 6 am	Sun 7 am	Sun 8 am	Sun 9 am	Sun 10 am	Sun 11 am	Sun 12 pm	Sun 1 pm	Sun 2 pm
Houston Pilots N - 610 Bridge	10 ↖	10 ↖	10 ↖	9 ↖	8 ↖	8 ↖	7 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	7 ↖	7 ↖	7 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖
Houston Pilots M - Kinder 1	10 ↖	10 ↖	10 ↖	9 ↖	8 ↖	8 ↖	7 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	7 ↖	7 ↖	7 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖
Houston Pilots L - Greens Bayou	10 ↖	10 ↖	10 ↖	9 ↖	8 ↖	7 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	7 ↖	7 ↖	7 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖
Houston Pilots K - Shell Crude	10 ↖	10 ↖	10 ↖	10 ↖	8 ↖	7 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	7 ↖	7 ↖	7 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖
Houston Pilots J - Lynchburg Ferries	10 ↖	10 ↖	10 ↖	9 ↖	8 ↖	7 ↖	6 ↖	6 ↖	5 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	6 ↖	7 ↖	7 ↖	7 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖
Houston Pilots I - Exxon 3	14 ↖	14 ↖	13 ↖	13 ↖	12 ↖	10 ↖	10 ↖	10 ↖	10 ↖	10 ↖	10 ↖	10 ↖	10 ↖	12 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	12 ↖	12 ↖	10 ↖	10 ↖
Houston Pilots H - Morgans Point	15 ↖	14 ↖	13 ↖	13 ↖	13 ↖	10 ↖	10 ↖	10 ↖	10 ↖	10 ↖	10 ↖	12 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	12 ↖	12 ↖	10 ↖	10 ↖
Houston Pilots G - 75/76	24 ↖	23 ↖	22 ↖	22 ↖	21 ↖	18 ↖	17 ↖	17 ↖	17 ↖	17 ↖	18 ↖	18 ↖	20 ↖	21 ↖	21 ↖	21 ↖	22 ↖	22 ↖	22 ↖	22 ↖	21 ↖	21 ↖	20 ↖	18 ↖
Houston Pilots F - 63/64	16 ↖	15 ↖	15 ↖	15 ↖	14 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	14 ↖	14 ↖	15 ↖	15 ↖	15 ↖	15 ↖	16 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	13 ↖	13 ↖
Houston Pilots E - 51/52	17 ↖	17 ↖	16 ↖	16 ↖	15 ↖	14 ↖	14 ↖	14 ↖	14 ↖	14 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	16 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	14 ↖	13 ↖
Houston Pilots D - 37/38	17 ↖	17 ↖	16 ↖	16 ↖	15 ↖	15 ↖	15 ↖	14 ↖	14 ↖	14 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	16 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	14 ↖
Houston Pilots C - 25/26	17 ↖	17 ↖	17 ↖	16 ↖	15 ↖	15 ↖	14 ↖	14 ↖	14 ↖	14 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	14 ↖
Houston Pilots B - 11/12	17 ↖	17 ↖	15 ↖	15 ↖	15 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	13 ↖	14 ↖	14 ↖	14 ↖	14 ↖	14 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	15 ↖	14 ↖
Houston Pilots A - 1 & 2 Bravo	20 ↖	18 ↖	17 ↖	17 ↖	15 ↖	16 ↖	16 ↖	16 ↖	15 ↖	16 ↖	16 ↖	16 ↖	17 ↖	17 ↖	17 ↖	17 ↖	17 ↖	17 ↖	17 ↖	17 ↖	17 ↖	17 ↖	17 ↖	16 ↖

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# Houston Pilots: SAT. 10/19/2024



## Forecast Discussion

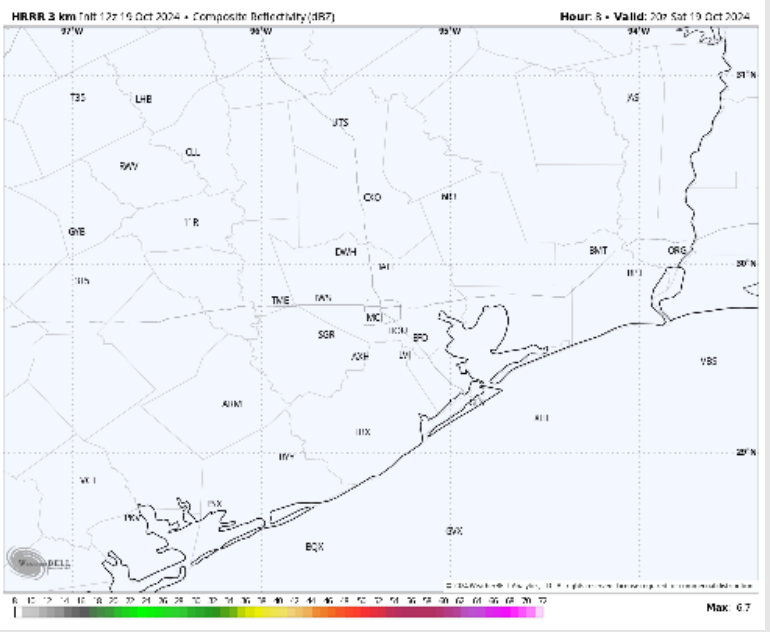
**Precip:** Favoring dry conditions throughout the PM hours.

**Wind:** Winds will be out of the ESE for remainder of the day. **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 through 5 PM.**

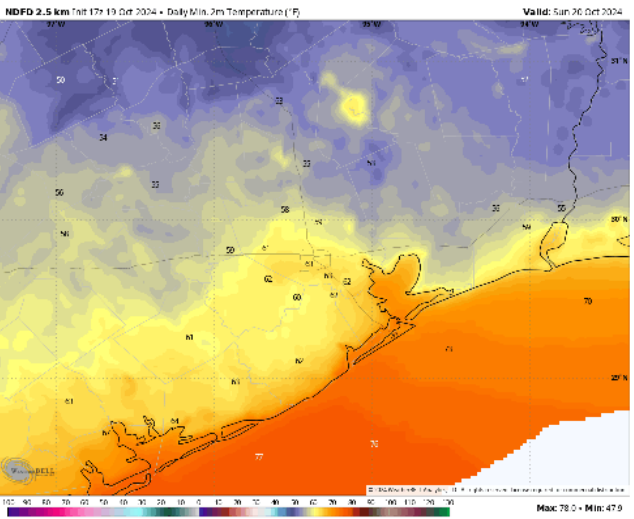
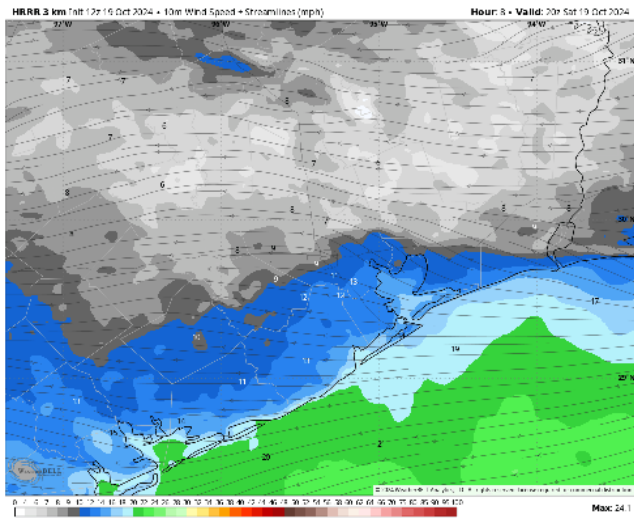
**Low Temps:** **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Low 70s F.

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

## Precip Image: 3 PM CT



Wind Speed  
3 PM CT



Low Temps  
SUN AM



# Houston Pilots: SUN. 10/20/2024



## Forecast Discussion

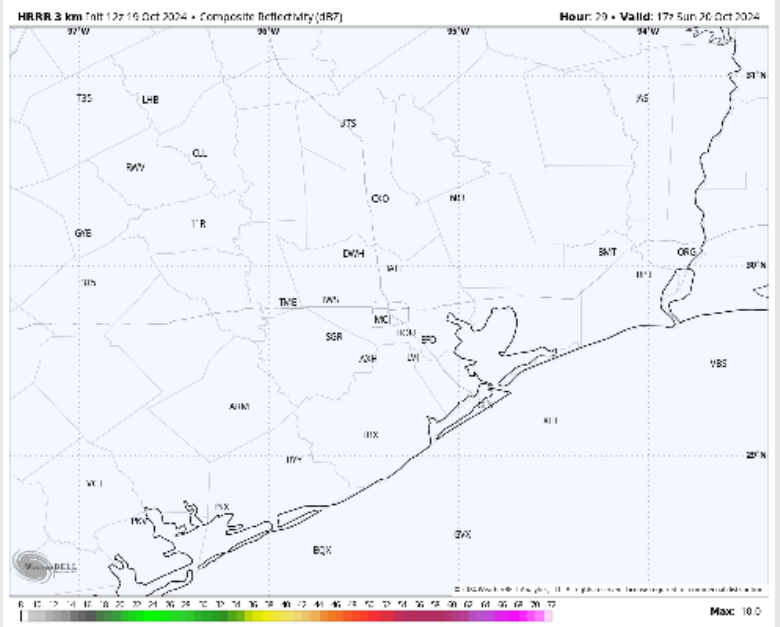
**Precip:** Favoring dry conditions for Sunday.

**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.

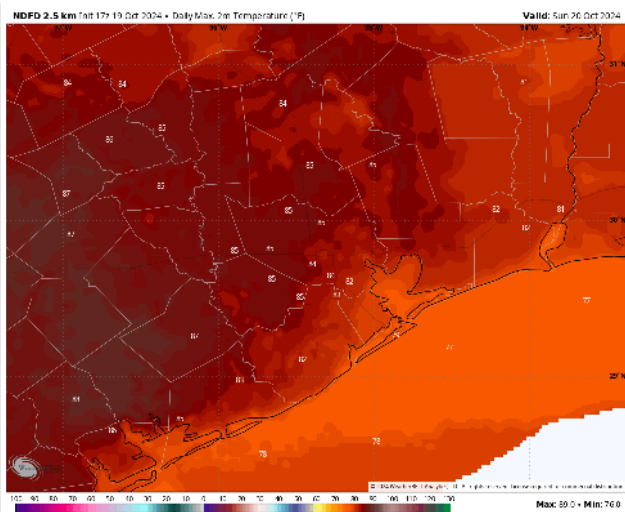
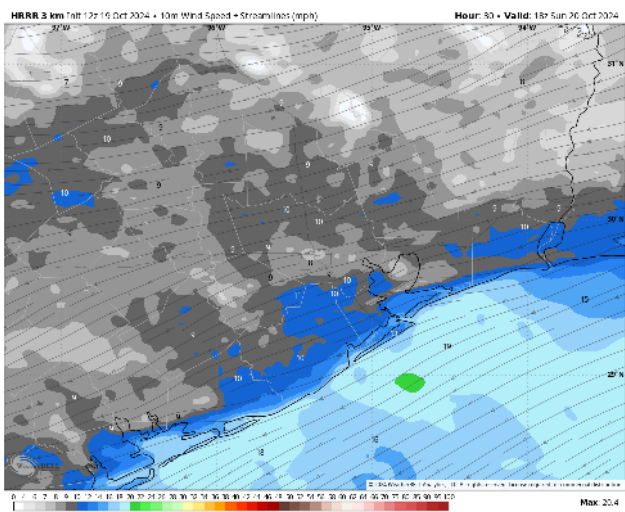
**High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Mid 70s F.

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

## Precip Image: 12 PM CT



**Wind Speed:  
1 PM CT**



**High Temps  
Sunday**

# Houston Pilots: MON. 10/21/2024



## Forecast Discussion

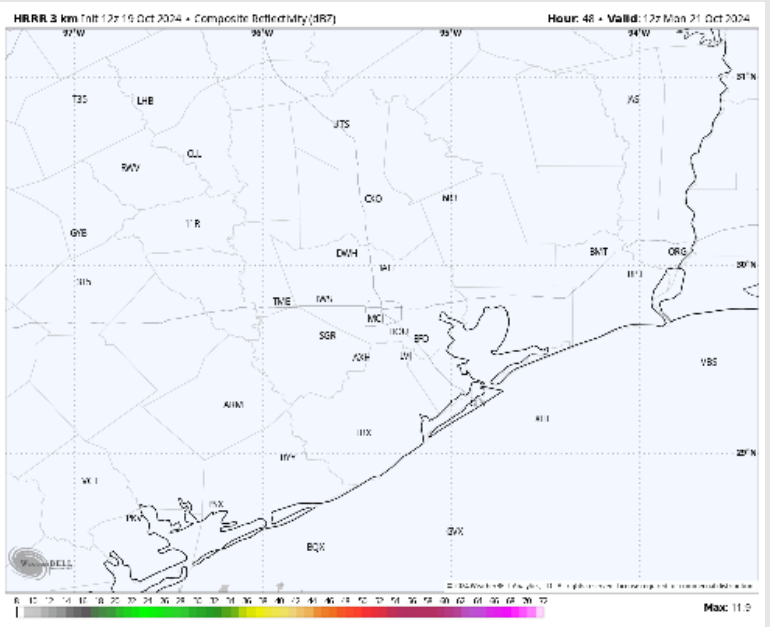
**Precip:** Favoring dry conditions throughout the day Monday

**Wind:** Winds will be generally out of the ESE throughout Monday. **N of Morgan's Point:** Winds will be sustained at 4 - 9 kts through Monday. **S of Morgan's Point:** Winds at 11 - 16 kts throughout the entire day.

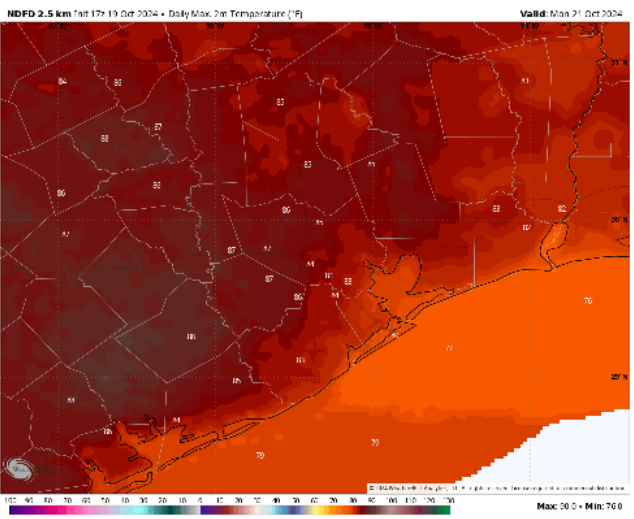
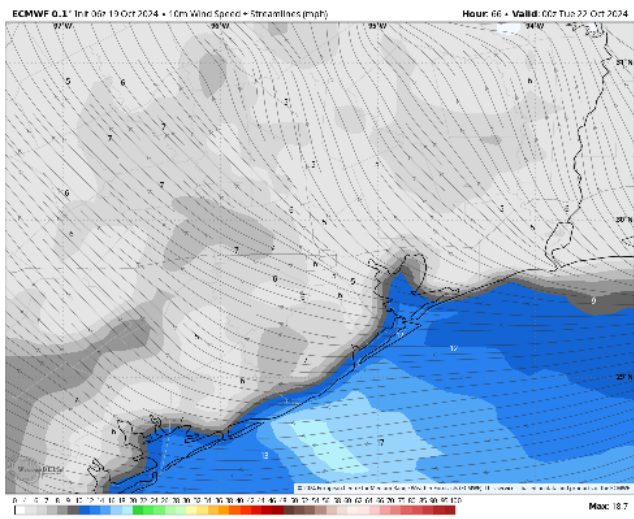
**High Temps:** **N of Morgan's Point:** Mid to Low 80s F. **S of Morgan's Point:** Upper 70s F

**Visibility:** Not favoring fog concerns Monday.

## Precip Image: 7 AM CT



Wind Speed:  
7 PM CT

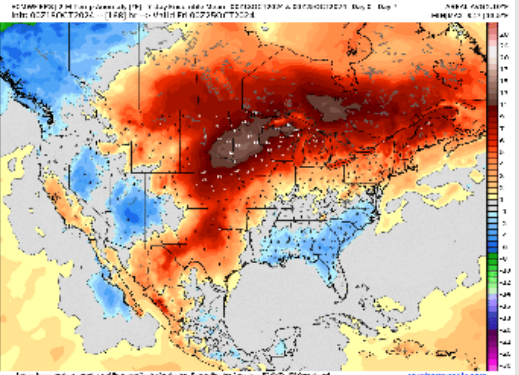


High Temps  
Monday

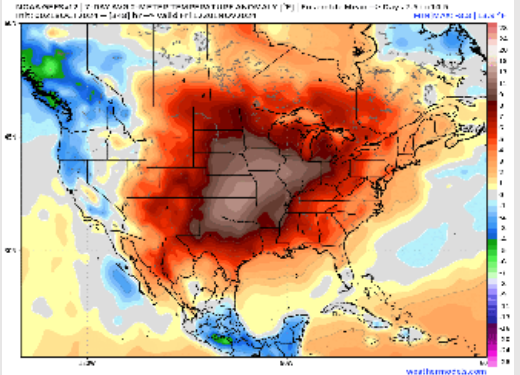
# Houston Pilots: 10/19/24



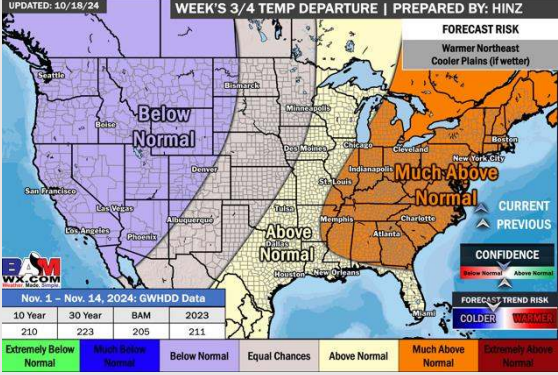
**Next 7 Day Temperature Departure**



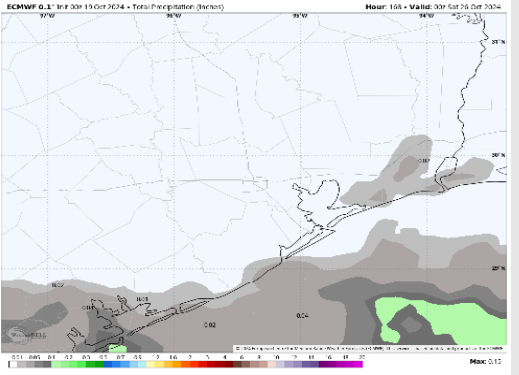
**8-14 Day Temperature Departure**



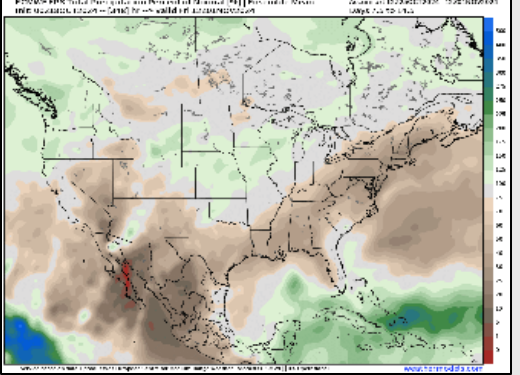
**15-30 Day Temperature Departure**



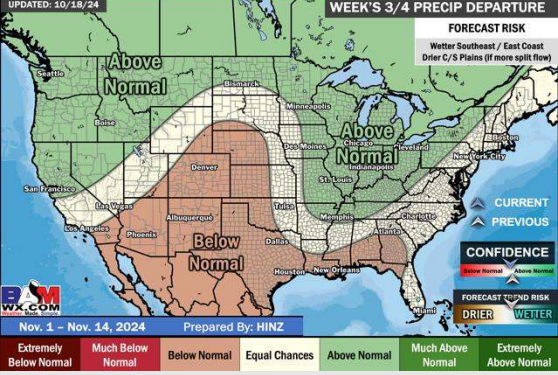
**Next 7 Day Total Precipitation**



**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.