

# Houston Pilots Forecast Package



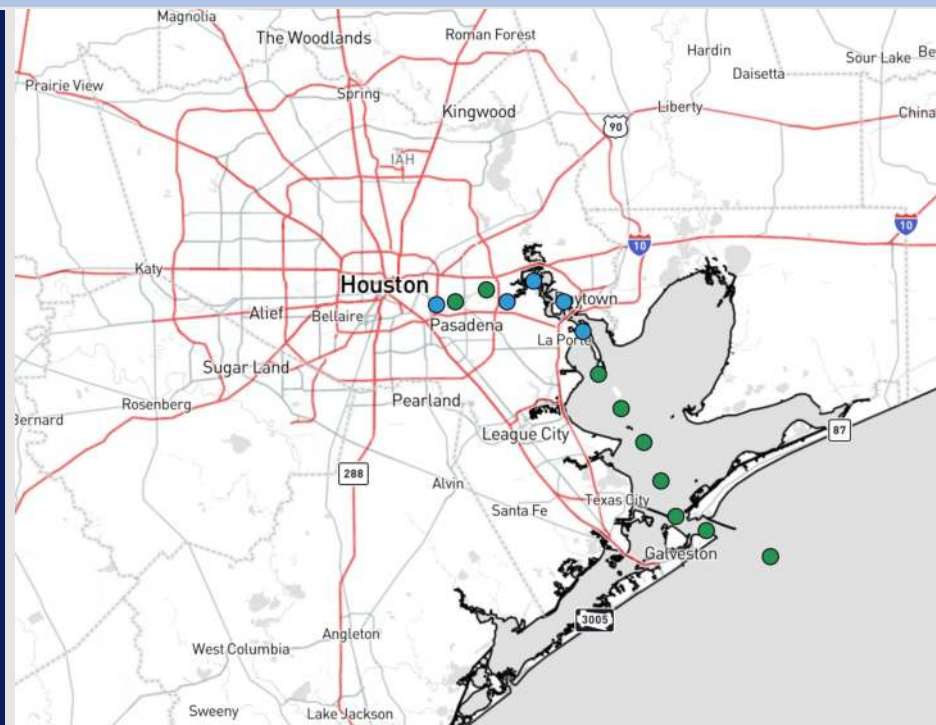
Updated: 11:30 PM CT

Tuesday, October 15, 2024

Forecaster: John Kemper

## Weather Headlines

- Dry conditions are favored through much of the week with isolated rain chances entering by late week.
- **Strong front pushes in Wednesday AM, with gusts of 30kts + in play!**
- No fog concerns over the next 72 hours.

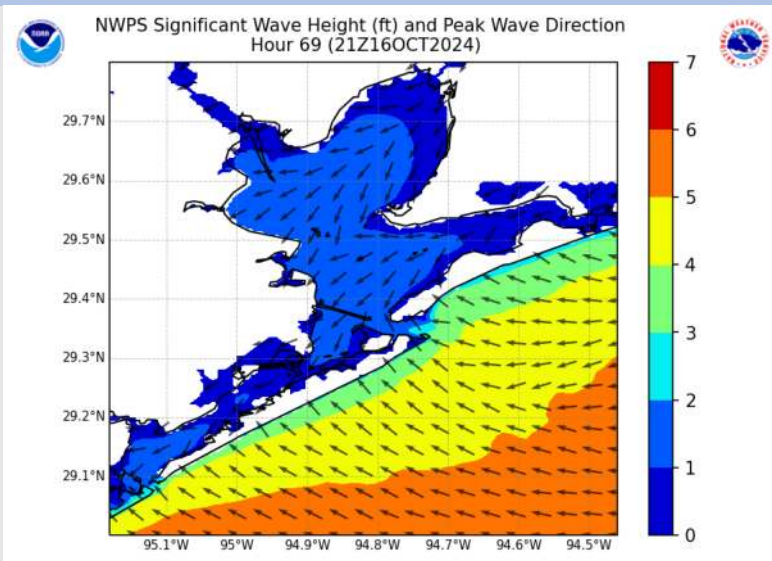


Current Radar: 11:25 PM CT



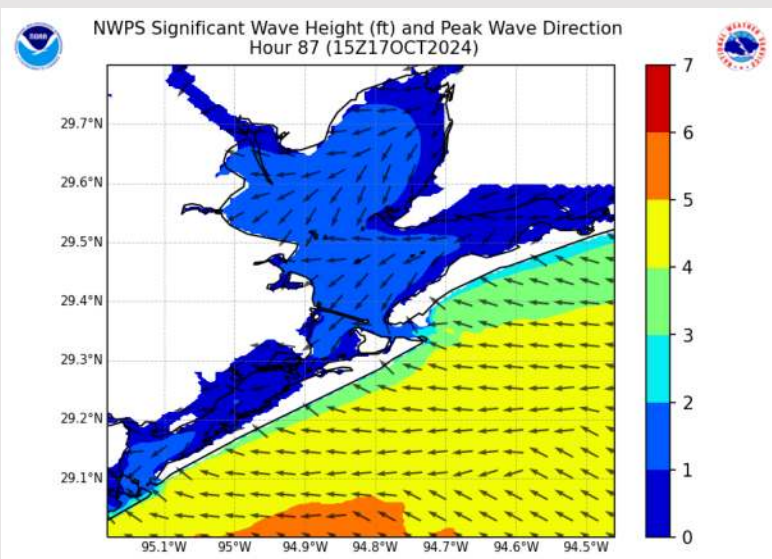
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

# Wave Height Forecast Update



**4 PM CT WED**

Wave heights will gradually increase to 3' – 5' from 10AM WED for the BOARDING STATION onward through 10AM CT THU.



**10 AM CT THU**

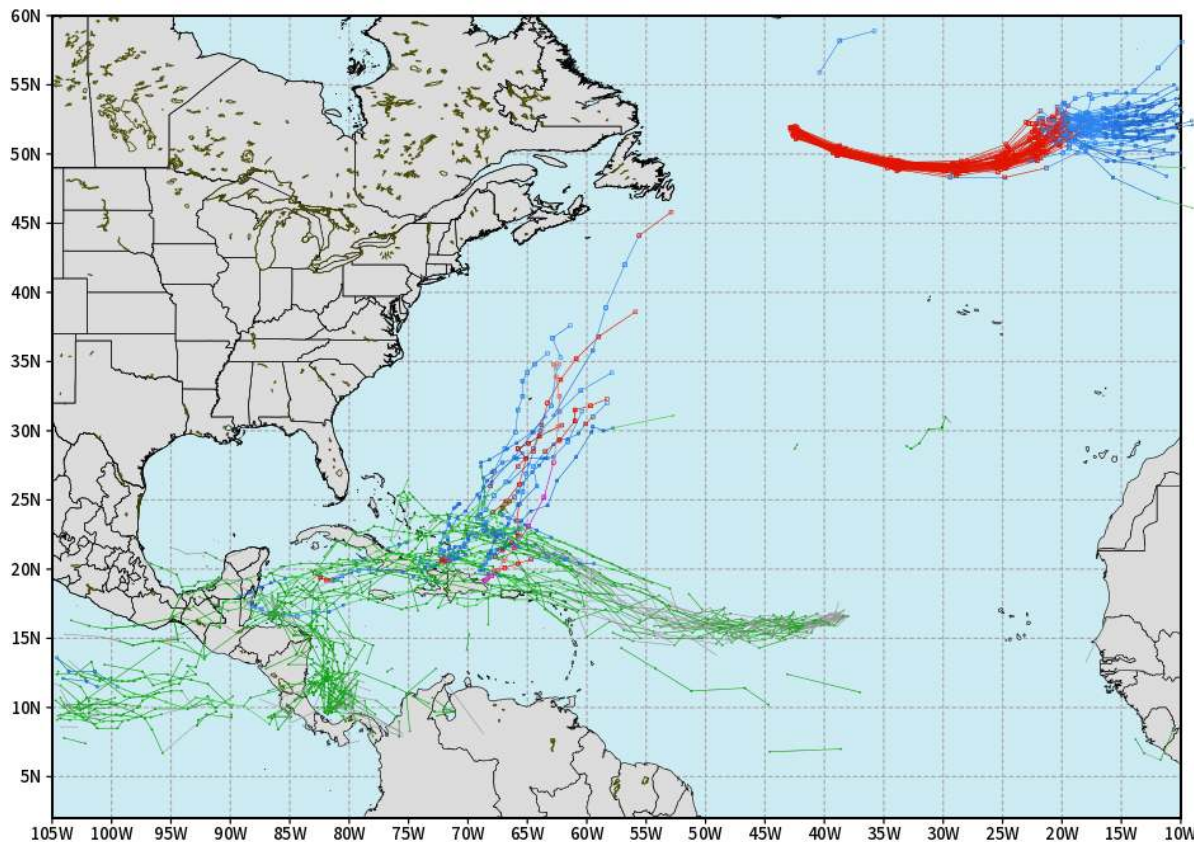
Waves will then gradually decrease to below 4' from 10AM CT THU onward through 5PM CT THU. This threat only applies to the Boarding Station!

# Houston Pilots Tropical Update

## European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]  
INIT: 12Z14OCT2024 --> UNTIL 12Z24OCT2024

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

We are tracking the potential for a tropical system to develop E of the Lesser Antilles later this week. 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 favored in next 7 days.

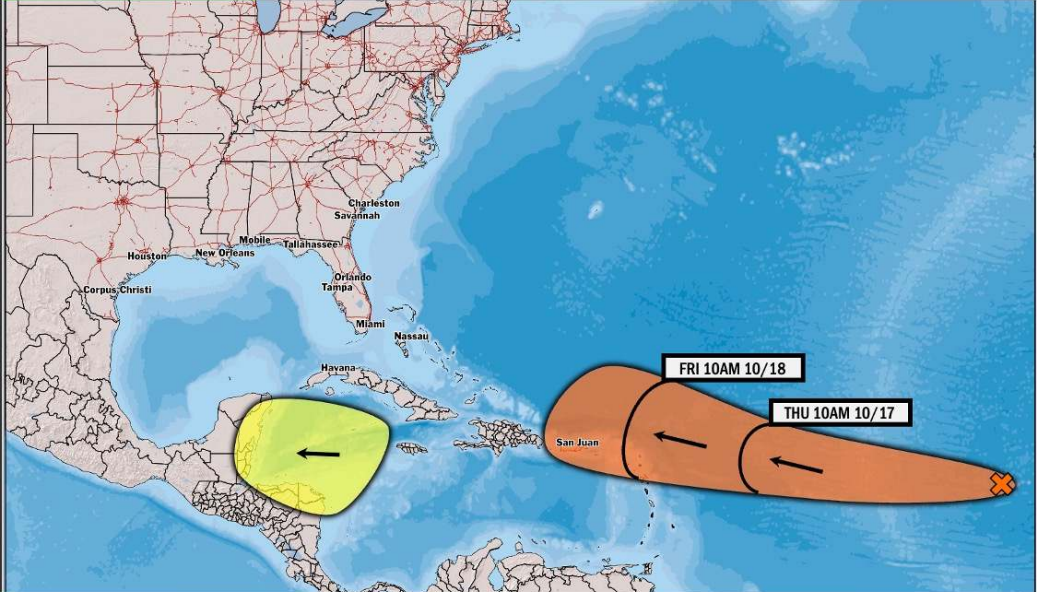


# Houston Pilots Tropical Update



## CLARITY Atlantic Tropical Update

TROPICAL INSIGHT 8:00 PM ET Monday, October 14, 2024 Forecaster: Kemper



Formation Chances	0 - 20%	20%-40%	40%-60%	60%-80%	80% - 100%
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**TIMING:** THU 10/17 – SUN 10/20

- FORECAST NOTES:**
- ✓ **Yellow Area of Interest:** Low End Chance of Tropical Development Between 10/18 – 10/20.
  - ✓ **Orange Area of Interest:** Slowly increasing confidence for tropical development between 10/17 – 10/19. Risk is system makes more of a northerly turn and stays out to sea.



# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Visibility	Tue 12 am	Tue 1 am	Tue 2 am	Tue 3 am	Tue 4 am	Tue 5 am	Tue 6 am	Tue 7 am	Tue 8 am	Tue 9 am	Tue 10 am	Tue 11 am	Tue 12 pm	Tue 1 pm	Tue 2 pm	Tue 3 pm	Tue 4 pm	Tue 5 pm	Tue 6 pm	Tue 7 pm	Tue 8 pm	Tue 9 pm	Tue 10 pm	Tue 11 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	9	10	10	10	7.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots F - 63/64	10	10	10	10	10	9	10	10	10	6.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots E - 51/52	10	10	10	10	10	9	10	10	10	6.9	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	7.9	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	7.9	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	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots A - 1 & 2 Bravo	10	10	10	10	9	7.9	9	10	10	7.9	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



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

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## Forecast Discussion

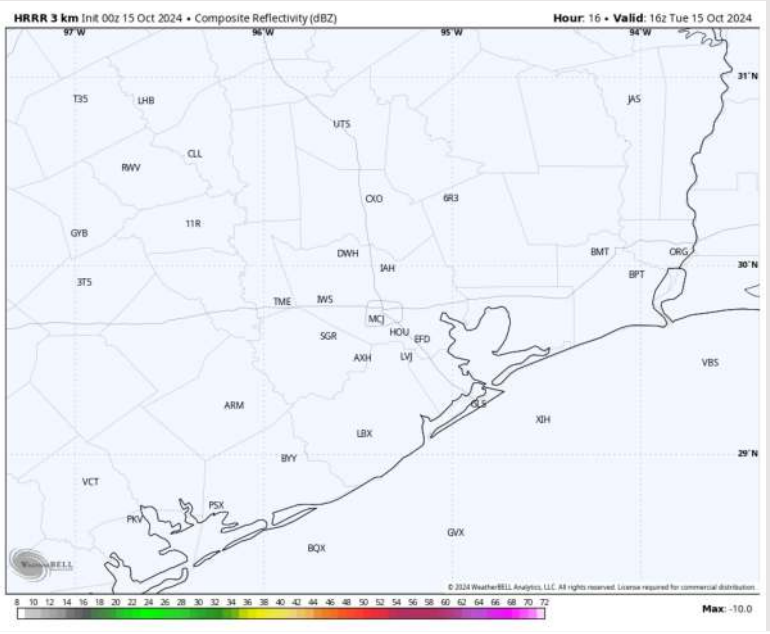
**Precip:** Favoring dry conditions for today.

**Wind:** Winds will be generally out of the W/SW through 6PM before slowly veering out of the south for the remainder of the evening. **N of Morgan's Point:** Winds will be sustained at 3 - 7 kts for the entire day. **S of Morgan's Point:** Winds will be at 10 - 15 kts near the Boarding Station from 12 AM - 7 AM, with winds slightly weakening to 8 - 13 kts through the rest of the day.

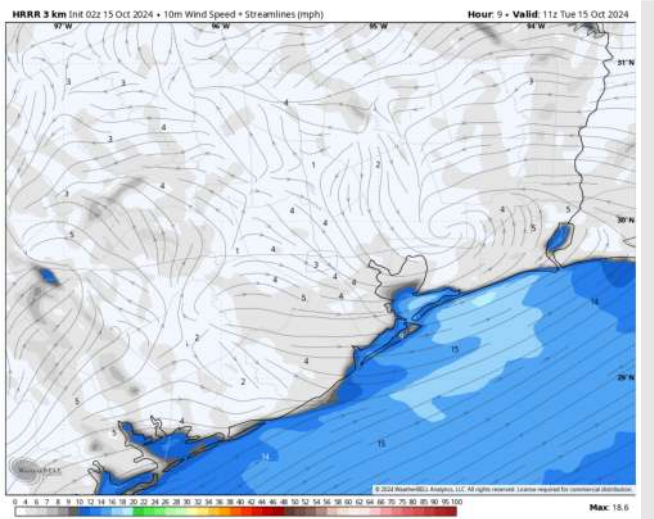
**High Temps:** **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Mid to upper 80s F

**Visibility:** Low end risks for patchy fog will remain just W / SW of all stations.

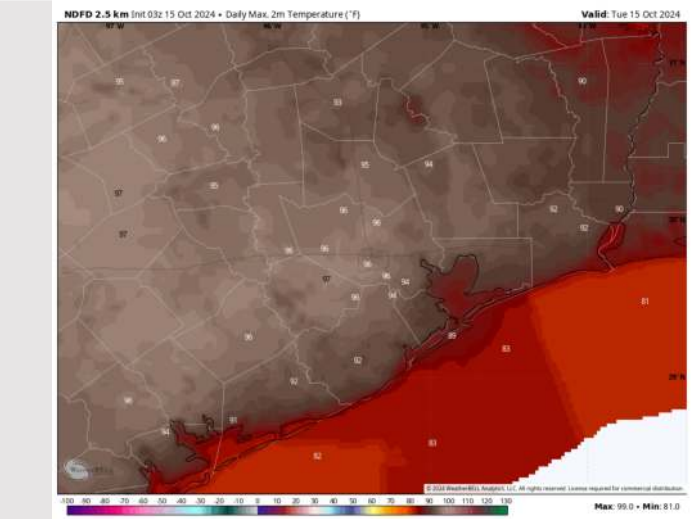
## Precip Image: 11 AM CT



Wind Speed: 6 AM CT



High Temps Today



## Forecast Discussion

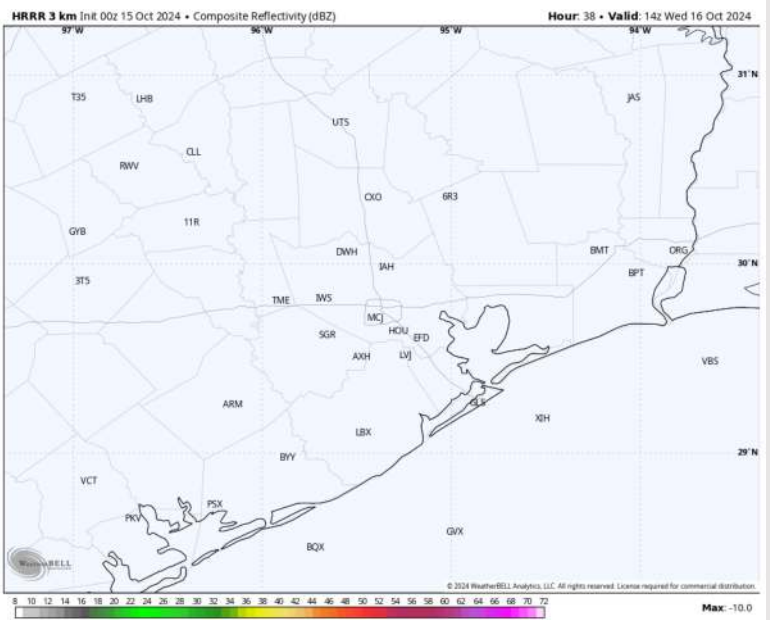
**Precip:** Favoring dry conditions for Wednesday.

**Wind:** A strong cold front will push in from the NNE. Winds quickly shift out of the S/SW to out of the NE/ENE shortly after midnight, and remain there for the rest of the day. **N of Morgan's Point:** Winds will be at 11 – 16 kts, decreasing to 5 – 10 kts after 7 PM. **Gusts of 20-25 kts in play through 5PM.** **S of Morgan's Point:** Winds will be at 22 – 26 kts through 2 PM, decreasing to 15 – 20 kts after that time. **Gusts of 30-35 kts in play through 2 PM, decreasing to 20-25 kts after that time.** Some gusts may reach 40 kts near the Boarding Station.

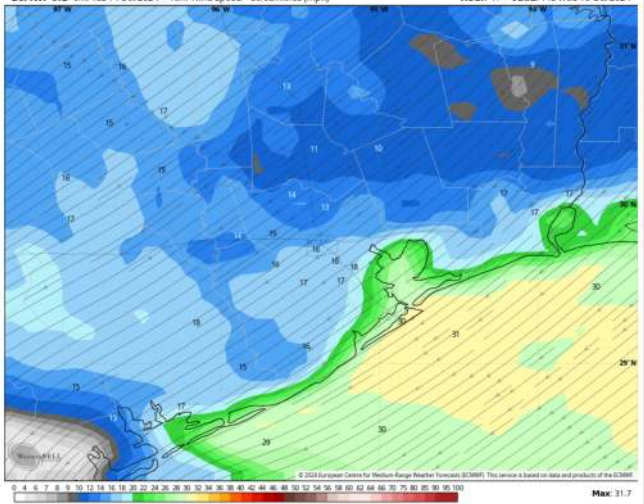
**High Temps:** **N of Morgan's Point:** Mid to upper 70s F. **S of Morgan's Point:** Lower to mid 70s F.

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

## Precip Image: 9 AM CT

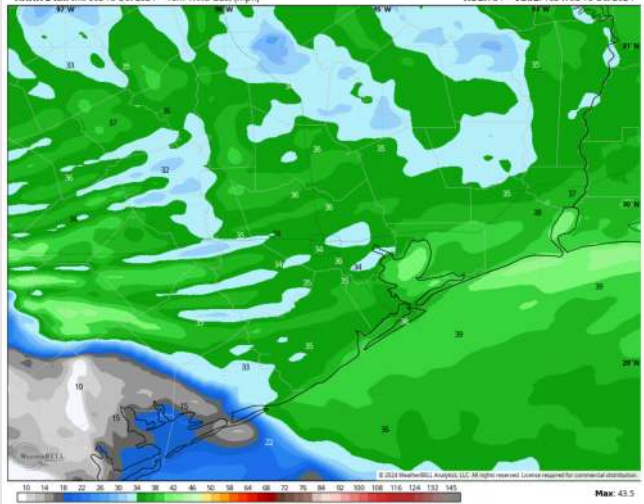


ECMWF 0.1 • Init: 18z 14 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 41 • Valid: 11z Wed 16 Oct 2024



Wind Speed  
6 AM CT

HRRR 3 km Init: 00z 15 Oct 2024 • 10m Wind Gust (mph) Hour: 34 • Valid: 10z Wed 16 Oct 2024



Wind Gusts  
5 AM CT



# Houston Pilots: THU. 10/17/2024



## Forecast Discussion

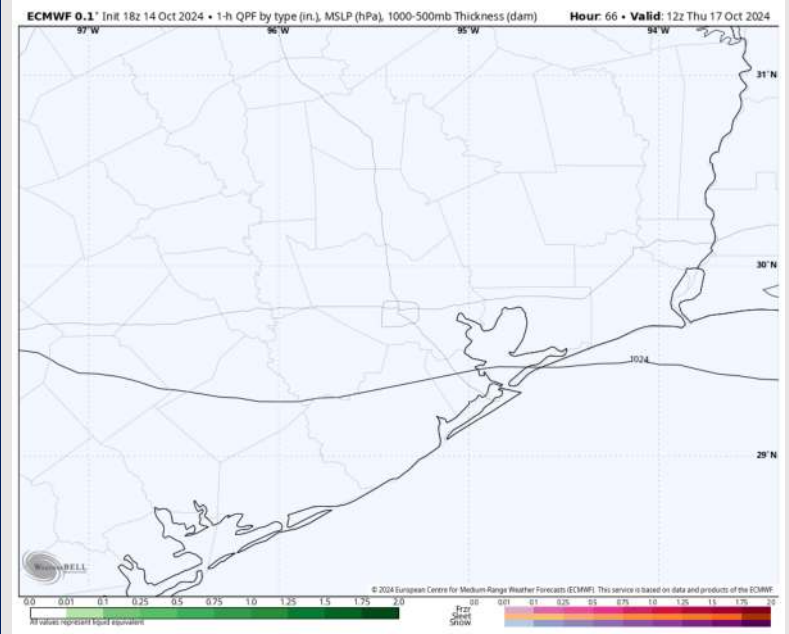
**Precip:** Favoring dry conditions for Thursday.

**Wind:** Winds will be generally out of the ENE throughout Thursdays.  
**N of Morgan's Point:** Winds will be at 4 – 9 kts for the entire day. **S of Morgan's Point:** Winds will be at 12 – 17 kts through 6PM. After 6PM, winds will return to the 8 - 13 kts for the rest of the evening.  
**Wind gusts up to 20 kts are possible for Stations S. of Morgan's Point from 4AM - 2PM.**

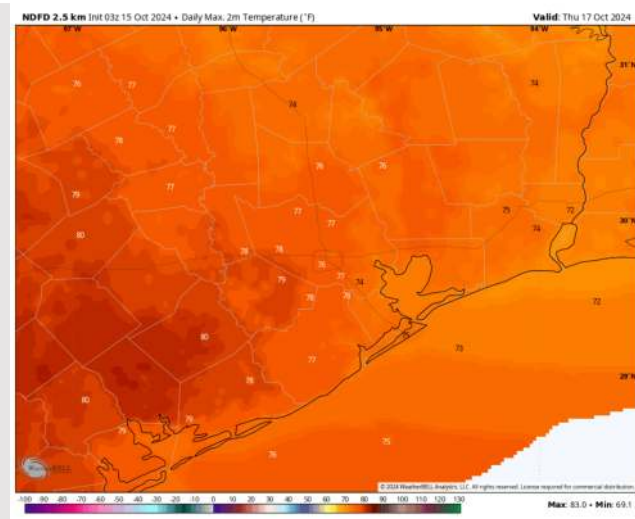
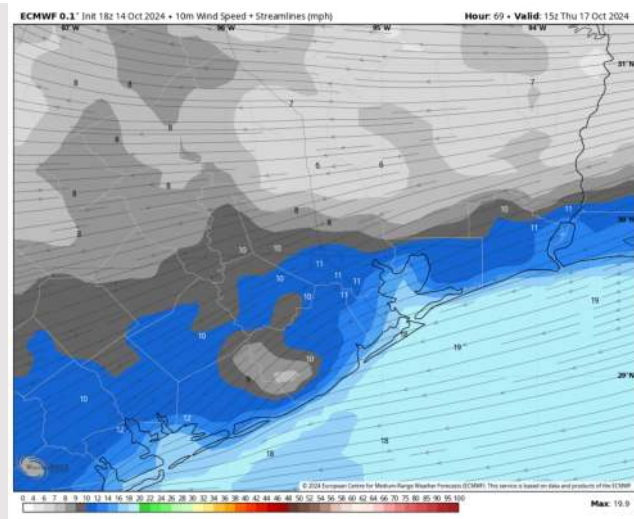
**High Temps:** **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Lower 70s F.

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

## Precip Image: 7 AM CT

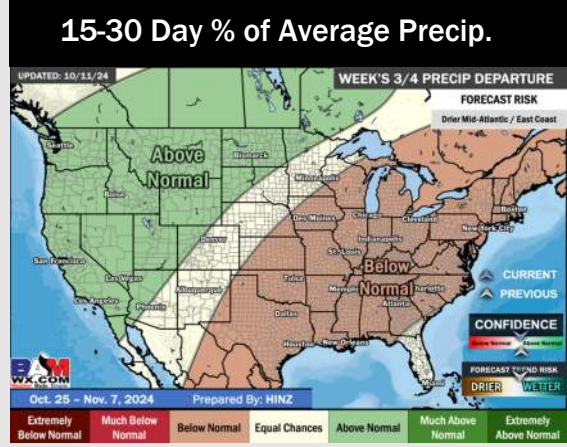
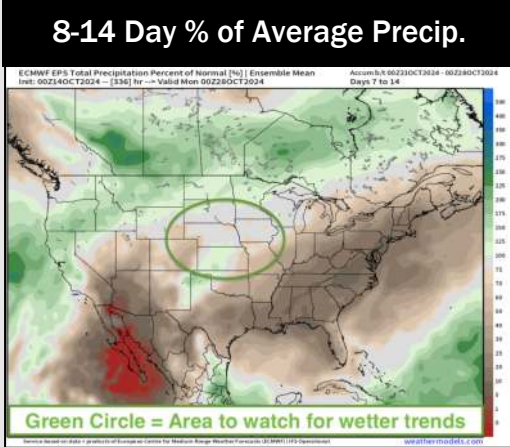
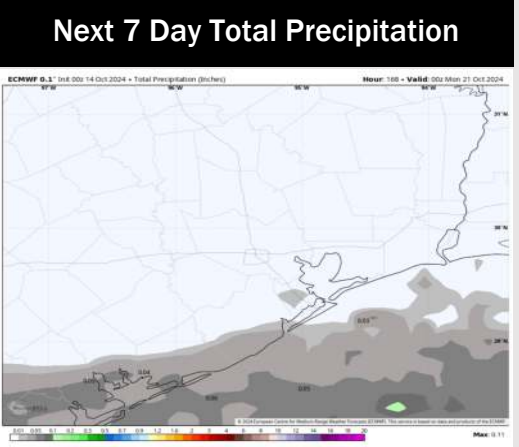
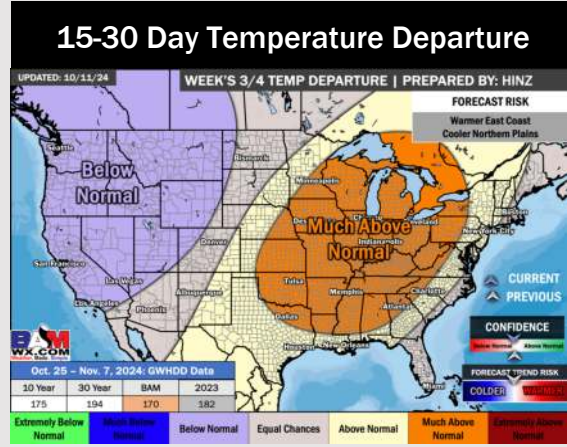
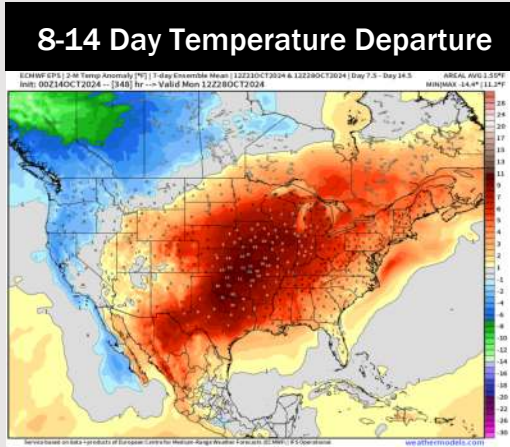
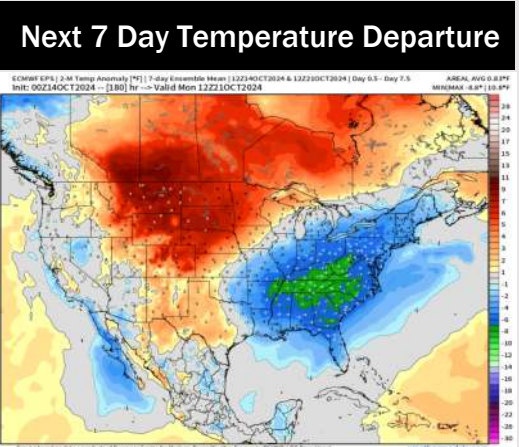


**Wind Speed:**  
10 AM CT



**High Temps**  
Thursday

# Houston Pilots: 10/15/24



- 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.