

# Houston Pilots Forecast Package



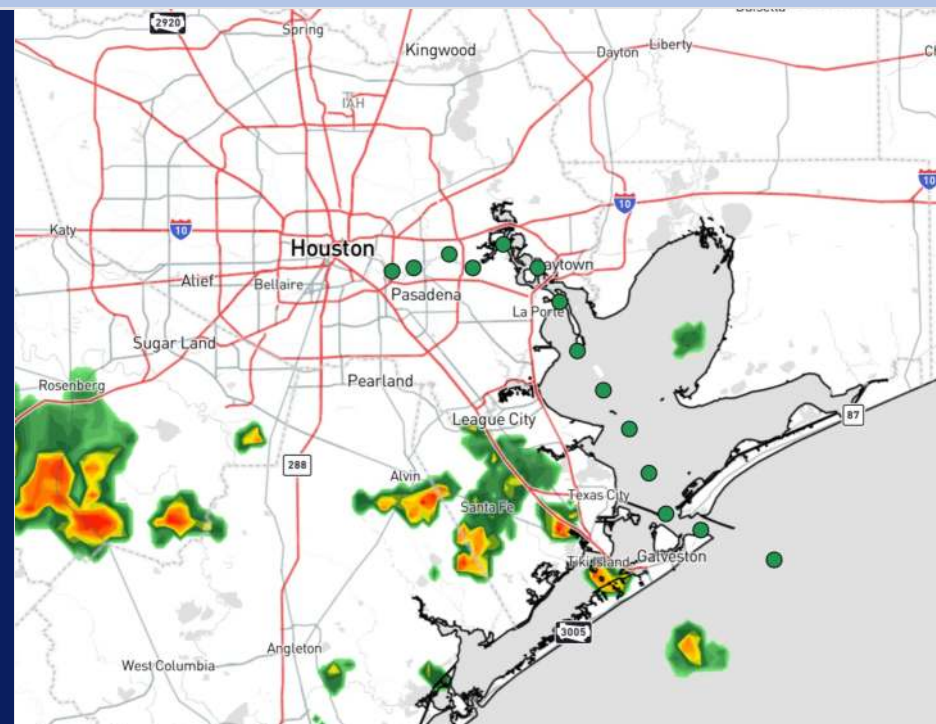
Updated: 1:00 PM CT

Wednesday, September 25, 2024

Forecaster: Alyssa Elliott

## Weather Headlines

- Scattered storm risks with gusts of up to **30 - 35kts** locally will be in play through this afternoon - evening.
- Not anticipating any visibility concerns for stations.
- **See latest Tropical Update for information on Cat. 1 Hurricane Helene. No impacts favored for SE Texas.**

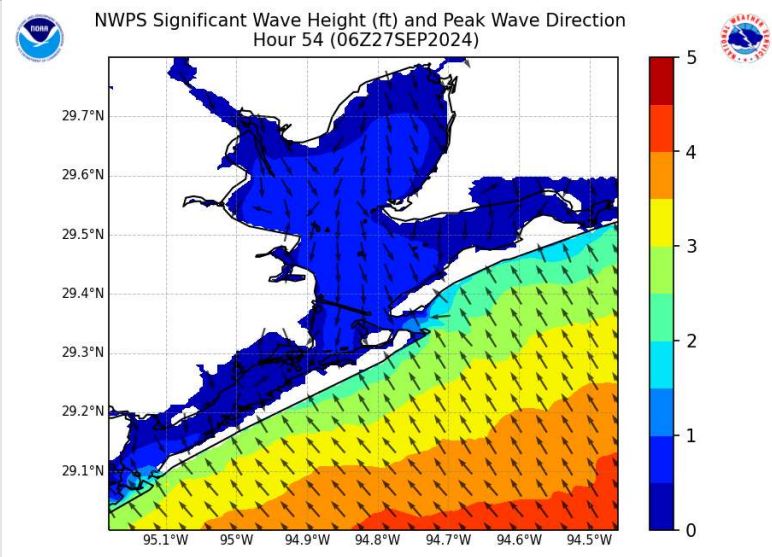


**Current Radar: 12:40 PM CT**



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.

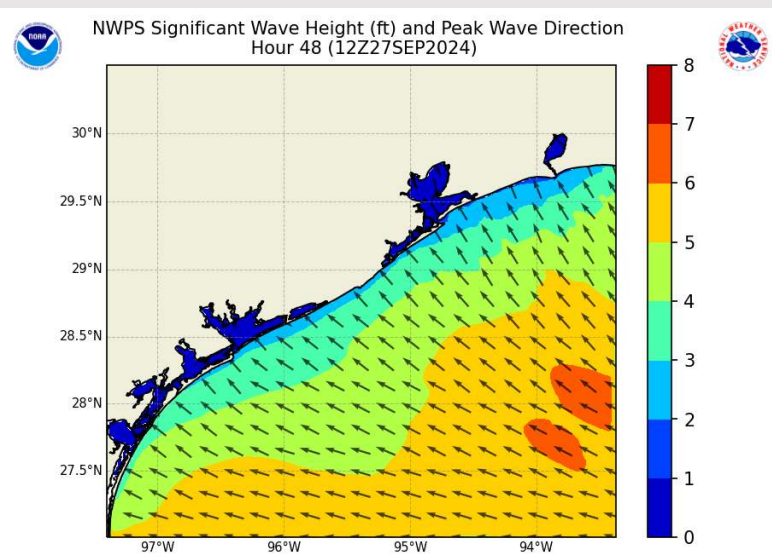
# Wave Height Forecast Update



**1 AM CT FRI**

Tropical activity in the E. Gulf will result in a slight increase in wave heights along the SE Texas Coastline.

Favoring waves at the Boarding Station begin to increase after 12 AM THU, peaking around 12 AM FRI at 3 – 3.5 ft at the Boarding Station.



**7 AM CT FRI**

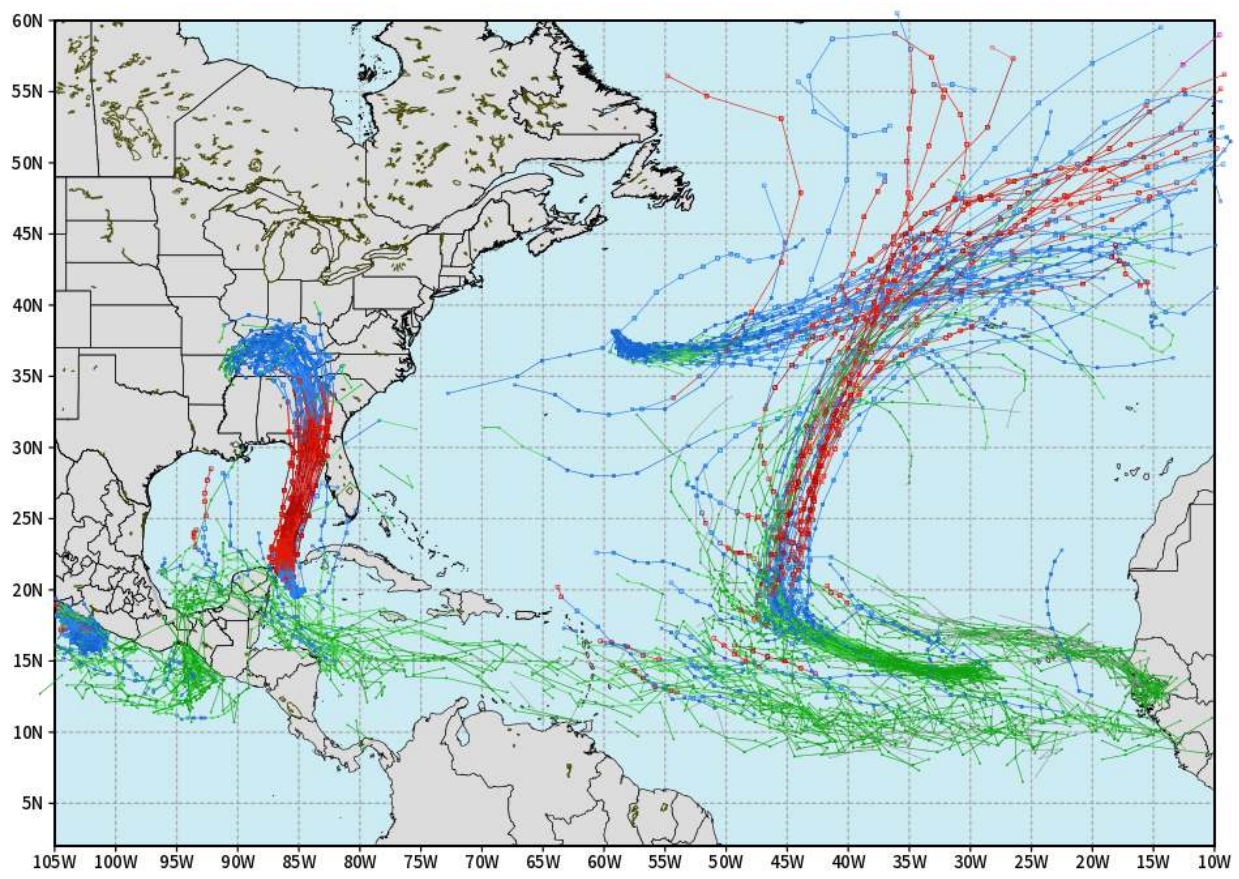
By 10 PM FRI wave heights will have dropped back to 2 ft or less.

# Houston Pilots Tropical Update

## European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]  
INIT: 00Z25SEP2024 --> UNTIL 00Z05OCT2024

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

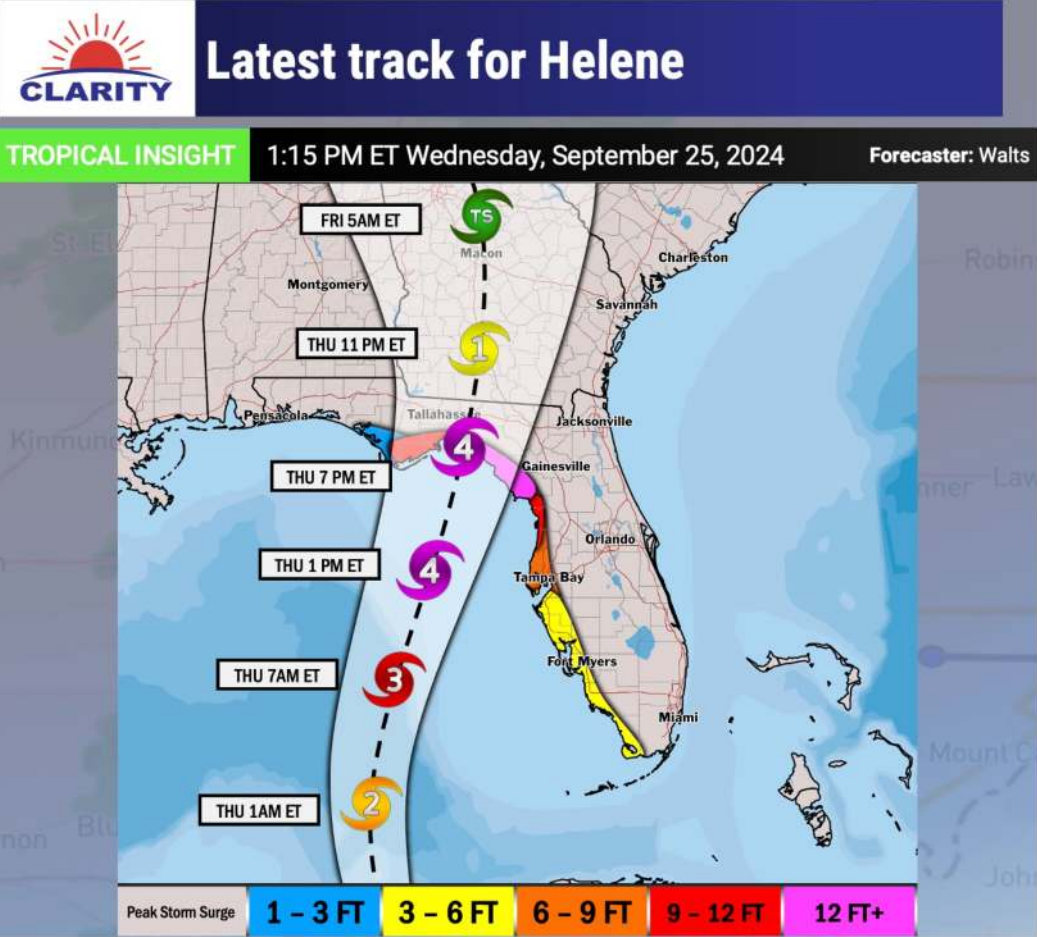


[weathermodels.com](http://weathermodels.com)

**Cat. 1 Hurricane Helene is expected to track north striking NW Florida. No impacts favored for SE Texas. For these reasons, we have opted against a Victor Trigger and have high confidence this will not change.**

**We need to continue watching the Caribbean for any additional tropical development.**

# Houston Pilots Tropical Update



**Landfall Timing:** Thursday (9/26) at ~7PM

### FORECAST NOTES:

- ✓ Helene is now a category 1 hurricane and continues to show signs of rapid intensification.
- ✓ Given these signals and support from mid-day guidance, we are upping our forecast to a Cat 4 at landfall (130MPH+).
- ✓ Storm Surge of 12 Feet+ around landfall location.

# Houston Pilots Visibility Chart (miles)



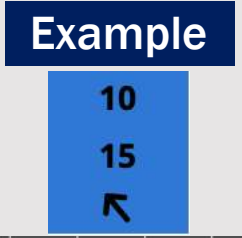
## Forecast Confidence



Visibility	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	Thu 3 am	Thu 4 am	Thu 5 am	Thu 6 am	Thu 7 am	Thu 8 am	Thu 9 am	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 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 B.A.M. 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



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

**NOTE:** This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides. This data should be used as a guide only.

# Houston Pilots: WED. 9/25/2024



## Forecast Discussion

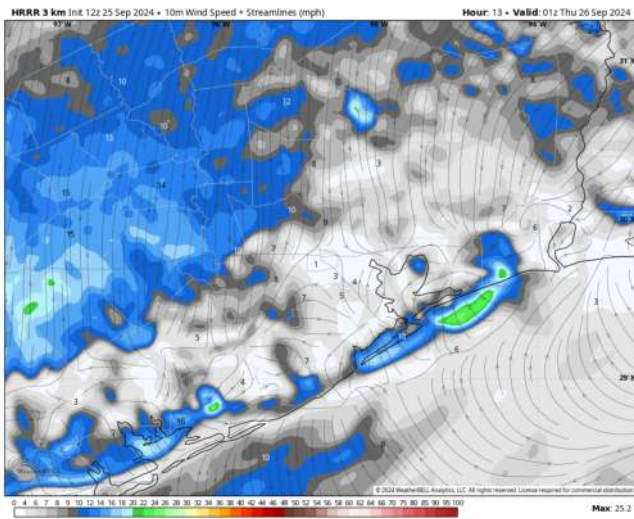
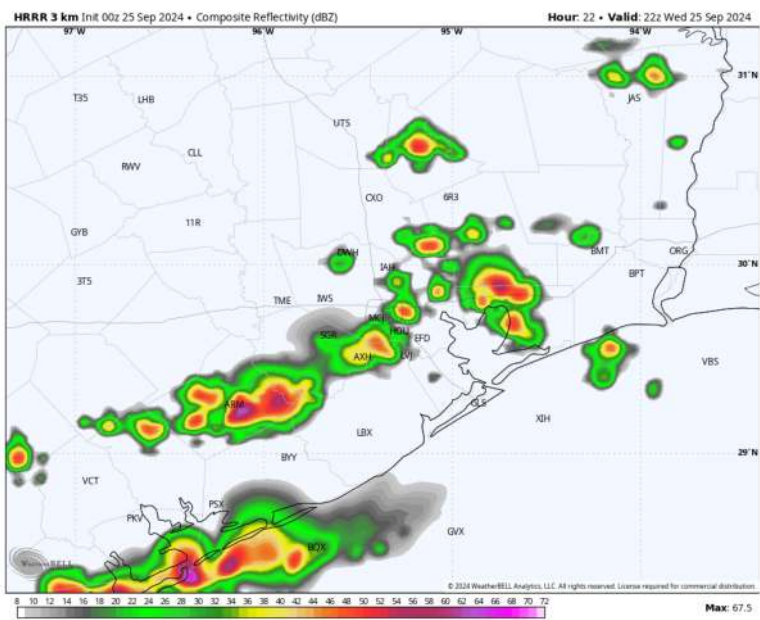
**Precip:** A few isolated showers (10%) can't be ruled out until 3PM for stations N of Morgan's Point. From 3PM – 9PM, a broken line of downpours and storms are expected to push in from the N impacting all stations (60% chances). **Stronger gusts of up to 35kts can't be ruled out.**

**Wind:** Winds will be variable in direction through 8 PM, settling out of the NE throughout the rest of this evening. **N of Morgan's Point:** Winds at 3-8 kts through 8PM before increasing to 7 – 11 kts for the remainder of Wednesday evening. **S of Morgan's Point:** Winds will be 5-10 kts for all of Wednesday.

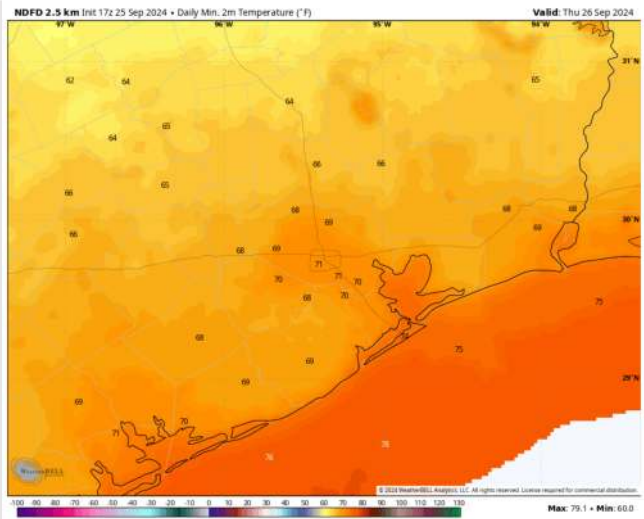
**Low Temps:** **N of Morgan's Point:** Low 70s F. **S of Morgan's Point:** Mid 70s F.

**Visibility:** Heavy downpours may briefly reduce visibility however not favoring fog to be a risk.

### Precip Image: 5 PM CT



Wind Speed  
8 PM CT



Low Temps  
THU AM

# Houston Pilots: THU. 9/26/2024



## Forecast Discussion

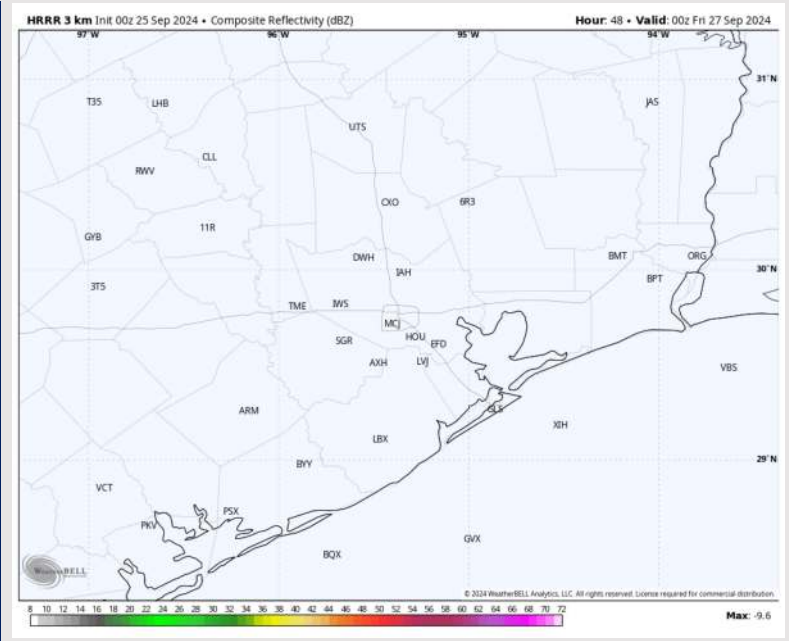
**Precip:** Favoring dry conditions at this time for Thursday.

**Wind:** Winds will be generally out of the NE through Thursday. **N of Morgan's Point:** Winds will be at 7 - 10 kts for all of Thursday. **S of Morgan's Point:** Winds will be at 5 - 10 kts through 5 AM before increasing to 10 - 15 kts by 8AM, and then increasing to 15 - 20 kts by 11AM, continuing through the rest of the Thursday. **Gusts S of Morgan's point (best risk at Boarding Station) will reach 25 - 30kts after 9AM.**

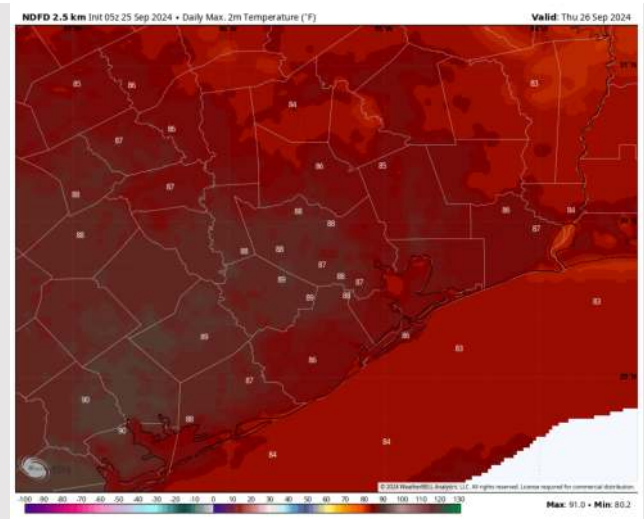
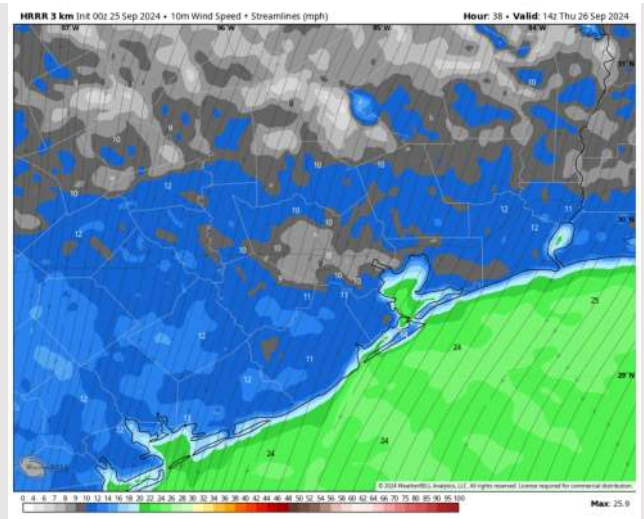
**High Temps:** **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Low 80s F.

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

## Precip Image: 7 PM CT



Wind Speed:  
9 AM CT



High Temps  
Thursday



# Houston Pilots: FRI. 9/27/2024



## Forecast Discussion

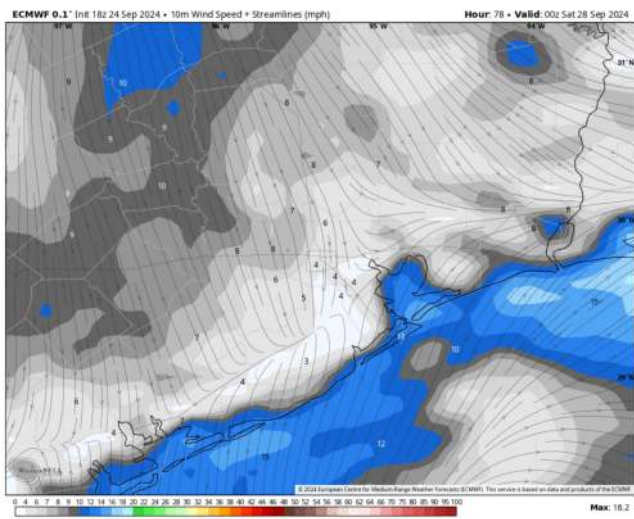
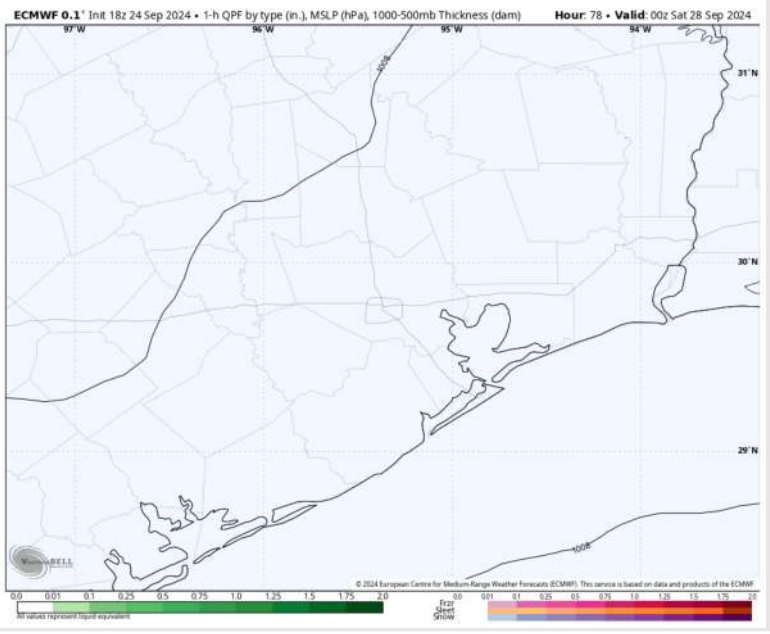
**Precip:** Favoring dry conditions at this time for Friday

**Wind:** Winds will begin to calm after 2AM Friday, becoming variable after this time frame through 8PM. After 8PM, winds will shift to out of the SW. **N of Morgan's Point:** Winds will be sustained at 3 - 8 kts throughout the day. **S of Morgan's Point:** Winds will start at 5 - 10 kts through 4AM before becoming 4- 8 kts for the remainder of the day.

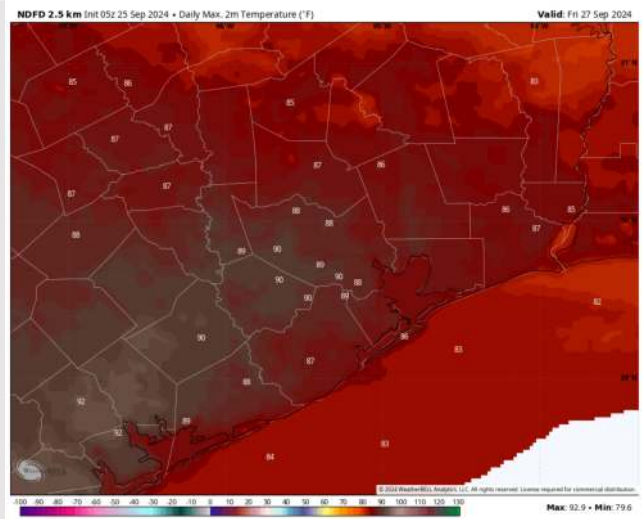
**High Temps:** **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Mid 80s F

**Visibility:** Not anticipating any visibility concerns for Friday.

## Precip Image: 7 PM CT



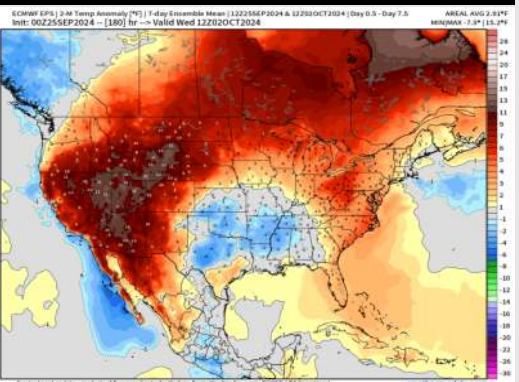
Wind Speed:  
7 PM CT



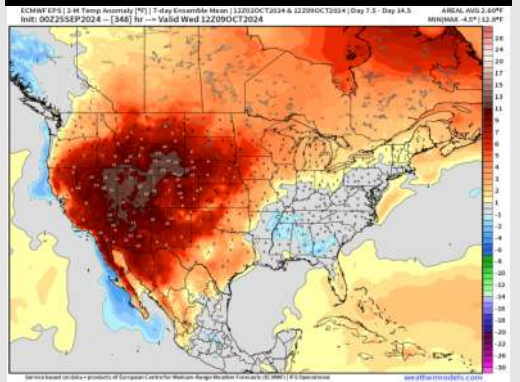
High Temps  
Friday

# Houston Pilots: 9/25/24

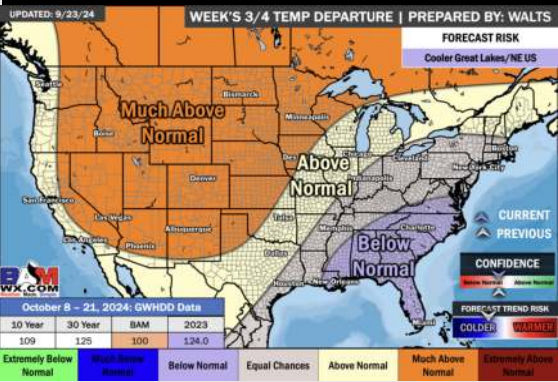
**Next 7 Day Temperature Departure**



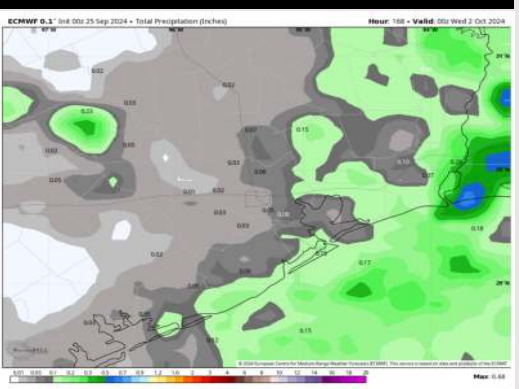
**8-14 Day Temperature Departure**



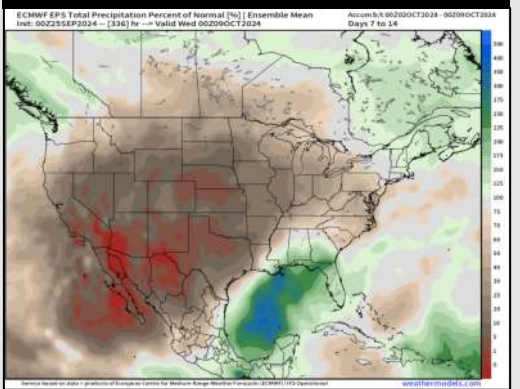
**15-30 Day Temperature Departure**



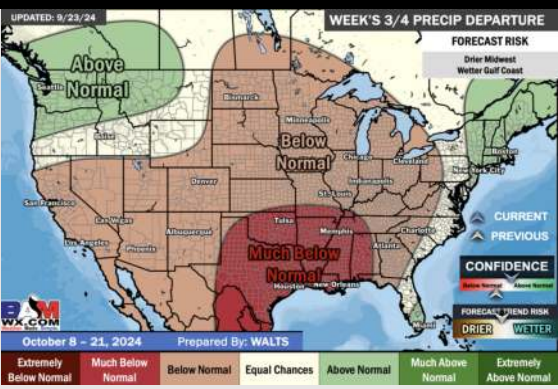
**Next 7 Day Total Precipitation**



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



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



- Temps are expected to be slightly above normal for the week 1 timeframe. Favoring scattered rain chances to continue today with a drier back half of the week to follow.
- Above normal temperatures are favored for week 2. Confidence is low on rain chances due to additional tropical risks for week 2.
- Near normal temperatures and much below normal precipitation chances are expected for the weeks ¾ timeframe.