

# Houston Pilots Tropical Update

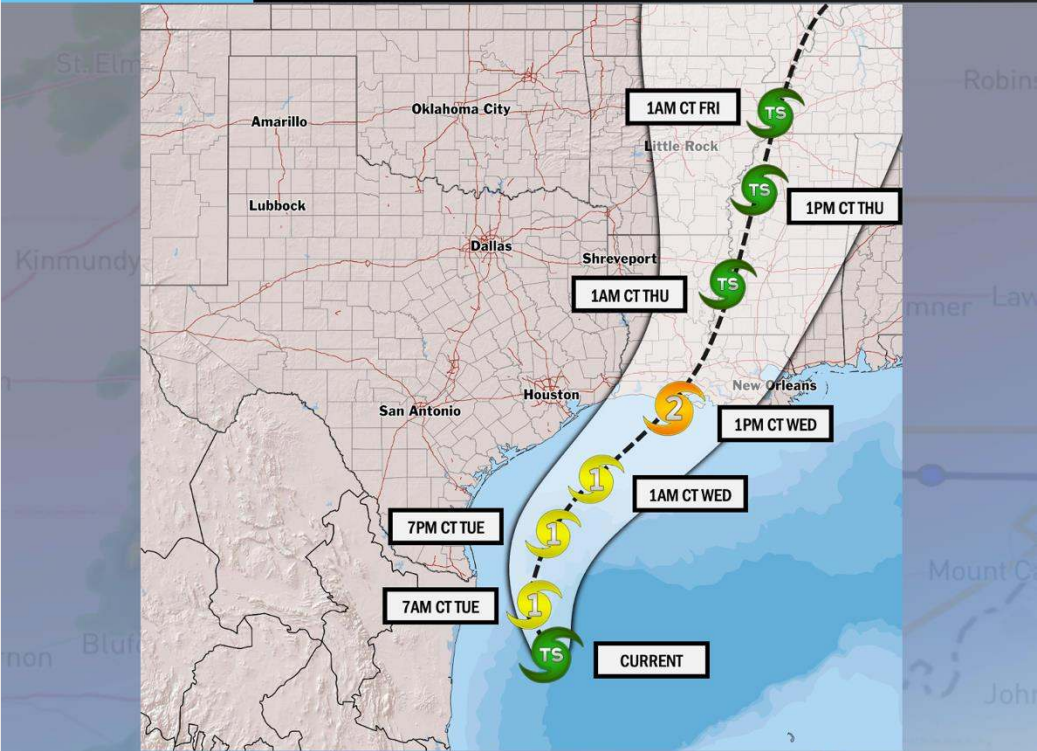


## TROPICAL STORM FRANCINE

DAILY INSIGHT

7:15 PM CT Monday, September 9, 2024

Forecaster: Kipper



**TIMING: NOW – FRIDAY AM**

### FORECAST NOTES:

- ✓ Latest model runs continue to indicate potential rapid intensification prior to landfall. Recent history would indicate these situations can be under-modeled with wind speed. We continue to see landfall as a category 2 (96-110 MPH)
- ✓ Landfall: Wednesday afternoon near Intercoastal City, LA



# Houston Pilots Forecast Package



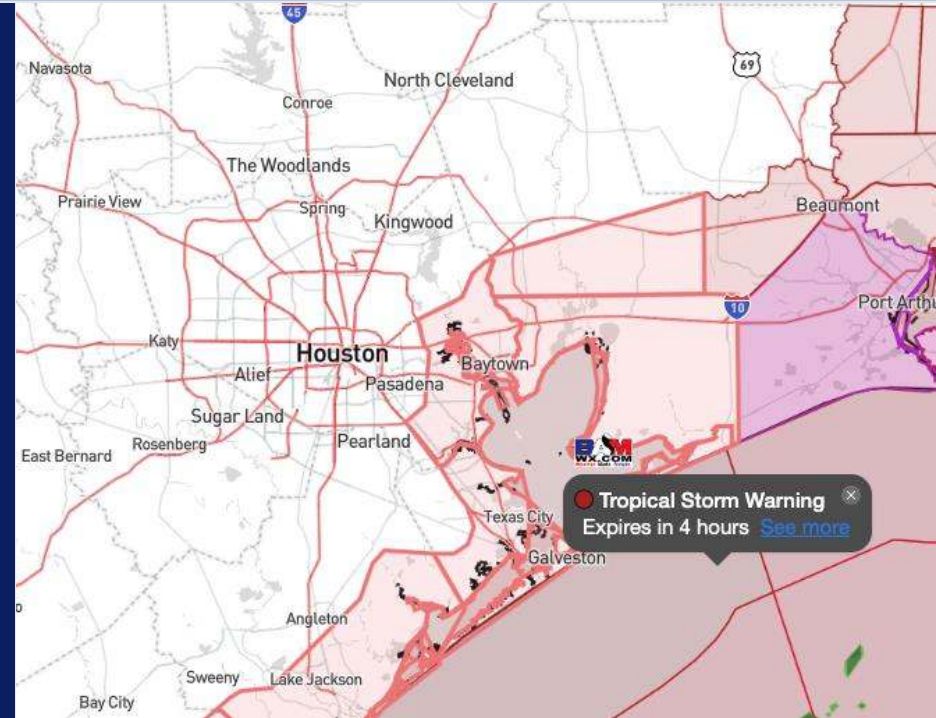
Updated: 9:10 PM CT

Tuesday, September 10, 2024

Forecaster: Jonathan Kipper

## Weather Headlines

- **X-Ray Port Conditions are in effect (see Trigger Slide below)**
- Anticipating wave heights to surpass 6 feet WED AM due to Tropical Storm Francine. See wave height slide for more info.
- Winds gusts of 25 – 30 kts are possible today for stations S. of Morgan's Point, nearing 40+ kts on WED.
- **[Tropical System Video Update](#)**



Current Radar: 9:10 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

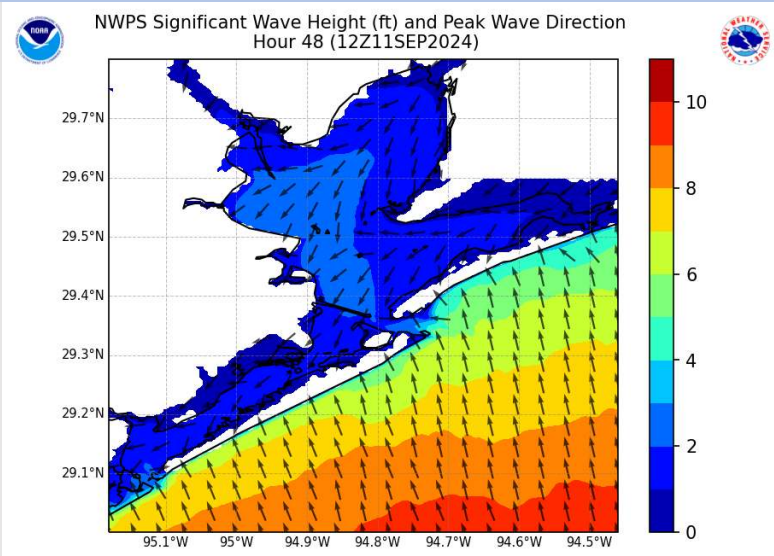


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	Past This Trigger	---	Ended
X-Ray	CURRENT	CURRENT	7 AM CT TUE
Yankee	7 AM CT TUE	7 AM CT TUE	7 PM CT TUE
Zulu	7 PM CT TUE	7 PM CT TUE	12 AM CT THU

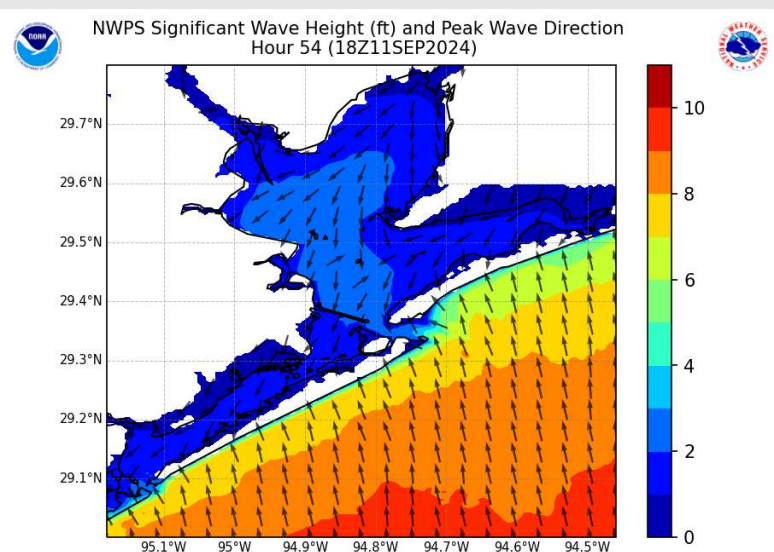
Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	Past
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	Past
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	Yes
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	No
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	No

**NOTES:** Tropical Storm Francine has been designated W of the Yucatan Peninsula. Currently favoring direct landfall along Louisiana's western Gulf Coast, however still expecting winds of 34+ kts and wave heights of 6+ ft for WED.

# Wave Height Forecast Update



**7 AM CT WED**



**1 PM CT WED**

Monitoring for wave heights to increase WED as Tropical Storm Francine works into the area. Expected to be at/above 6 ft ~7 AM CT WED.

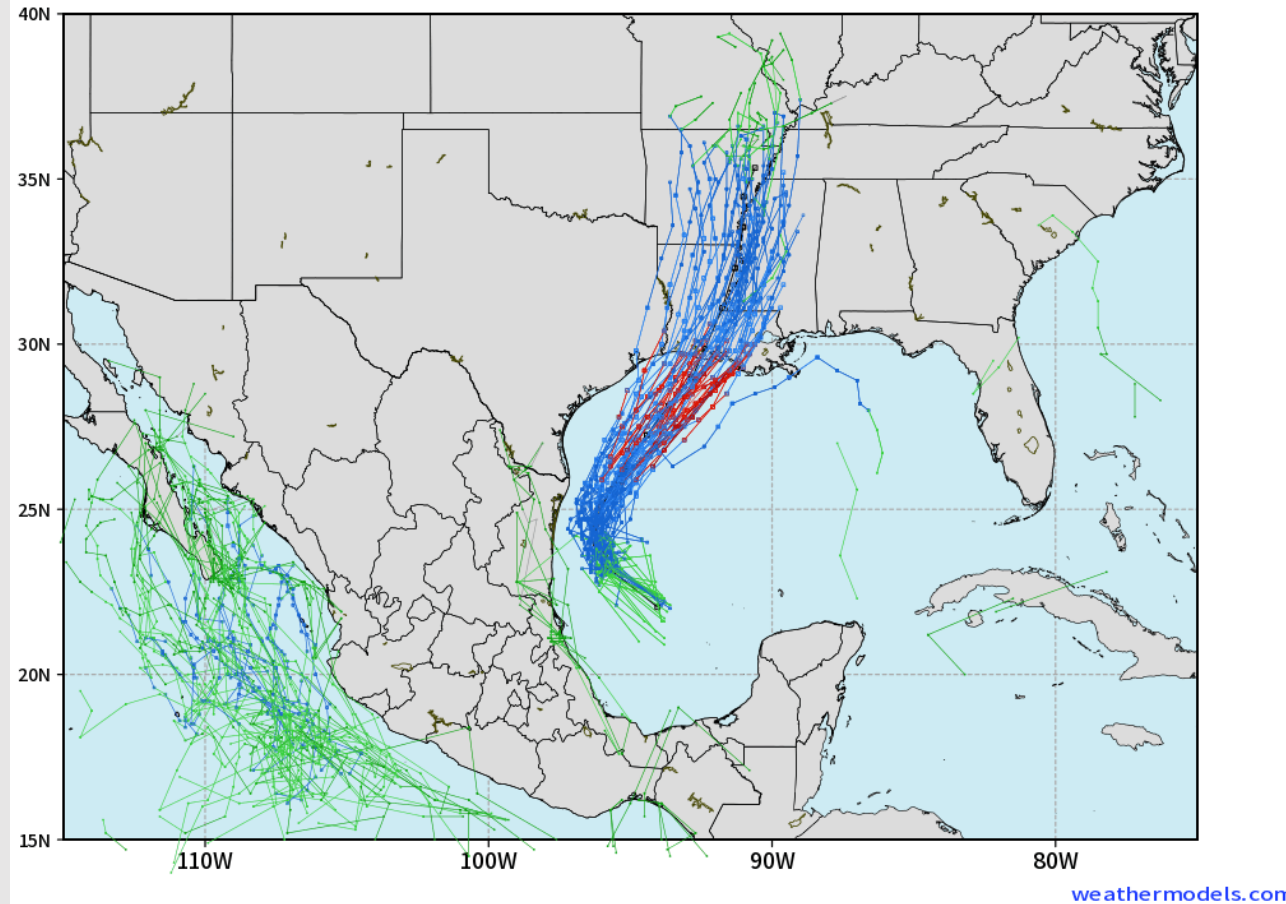
Heights of 6-8 ft will be possible for Stations 11/12 and the Boarding Station by 10 AM CT WED and remain there through 12 AM CT THU.

# Houston Pilots Tropical Update

## European Model Next 10 Days - Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]  
INIT: 12Z09SEP2024 --> UNTIL 12Z19SEP2024

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 Tropical Storm Francine for impacts this WED (located near the Yucatan now).**

**Currently favoring this storm to track east of Houston, though increased wave heights, high wind gusts, and heavy rain will still be likely.**

# Houston Pilots Visibility Chart (miles)



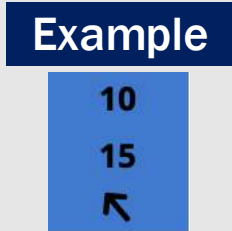
## Forecast Confidence



Visibility	Mon 9 pm	Mon 10 pm	Mon 11 pm	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
Houston Pilots N - 610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	9	9	7.9	9	10
Houston Pilots M - Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	6.9	9	9	7.9	9	10
Houston Pilots L - Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	9	9	7.9	9	10
Houston Pilots K - Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	6.9	9	9	7.9	9	9
Houston Pilots J - Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	9	9	7.9	9	10
Houston Pilots I - Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	6.9	6.9	6.9	7.9	6.9	7.9	9
Houston Pilots H - Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	7.9	7.9	6.9	6.9	6.9	6.9	6.9	7.9	7.9
Houston Pilots G - 75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	5.9	4.9	3.9	2.9	2.9	3.9	3.9	4.9	9
Houston Pilots F - 63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	4.9	3.9	2.9	2.9	3.9	3.9	4.9	9
Houston Pilots E - 51/52	10	10	10	10	10	10	10	10	10	10	10	10	8	6.9	6.9	4.9	3.9	3.9	2.9	2.5	2.9	3.9	3.9	9
Houston Pilots D - 37/38	10	10	10	10	10	10	10	10	10	10	10	10	8	6.9	6.9	4.9	3.9	2.9	2.9	2.5	2.9	3.9	3.9	9
Houston Pilots C - 25/26	10	10	10	10	10	10	10	10	10	10	10	10	8	6.9	6.9	4.9	3.9	2.9	2.9	2.5	2.9	3.9	3.9	8
Houston Pilots B - 11/12	10	10	10	10	10	10	10	10	10	10	10	10	6.9	5.9	5.9	4.9	3.9	2.9	2.9	2.5	2.9	3.9	3.9	8
Houston Pilots A - 1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	6.9	5.9	2.9	2.9	2.5	2.5	2	2	2	2.9	2.9	6

**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



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

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# Houston Pilots: TUE. 9/10/2024



## Forecast Discussion

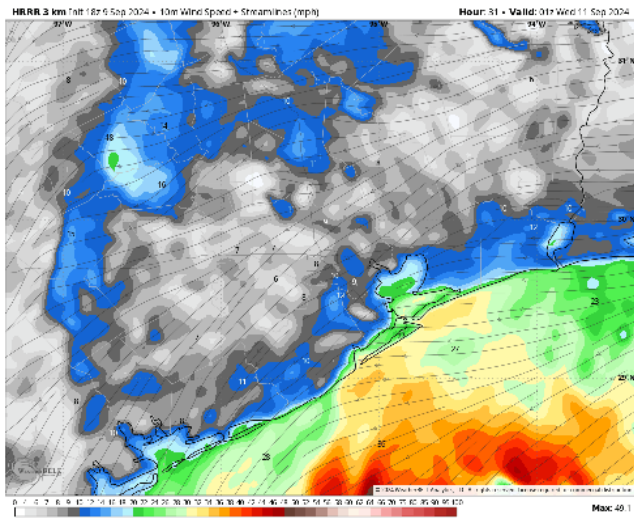
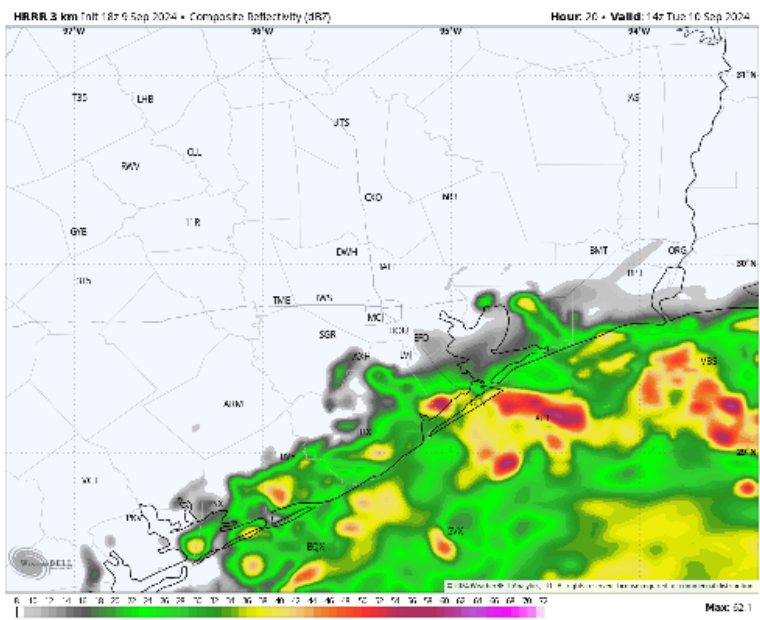
**Precip:** Favoring scattered to widespread showers/storms to work towards the Boarding Station and Station 11/12 after 5 AM and gradually work N/NW throughout the day, reaching Morgan's Point towards 10 AM. Widespread rain/storms are expected to continue throughout Tuesday night.

**Wind:** Winds will be out of the E/NE for the entire day. **N of Morgan's Point:** Winds at 9 - 14 kts throughout the day. **S of Morgan's Point:** Winds will be sustained at 14 - 21 kts throughout the day, increasing near the Boarding Station to 22-27 kts after 6 PM. **Gusts of 25 - 30 kts are in play throughout the day for Stations S of Morgan's Point.**

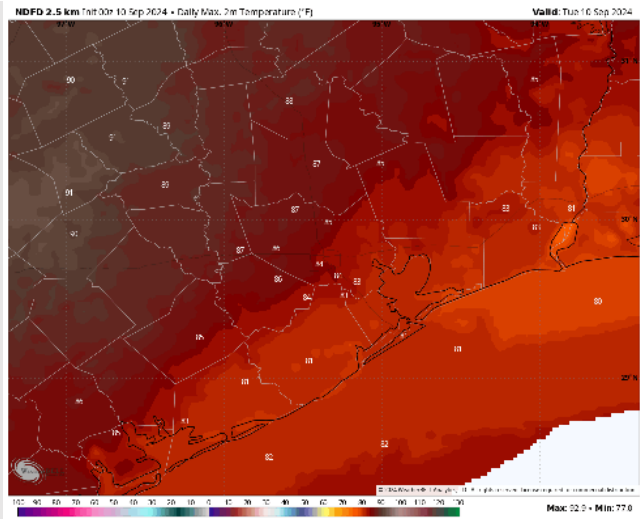
**High Temps:** **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Low 80s F.

**Visibility:** Not favoring any fog concerns for today, however visibilities can be reduced under heavy downpours.

## Precip Image: 9 AM CT



Wind Speed  
12 PM CT



High Temps  
Today



# Houston Pilots: WED. 9/11/2024



## Forecast Discussion

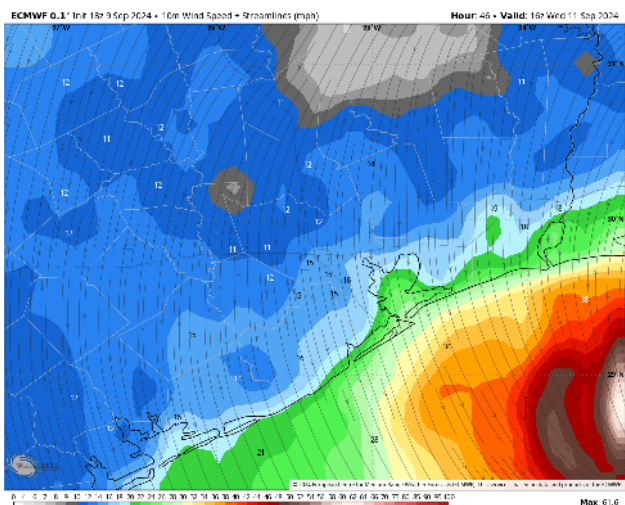
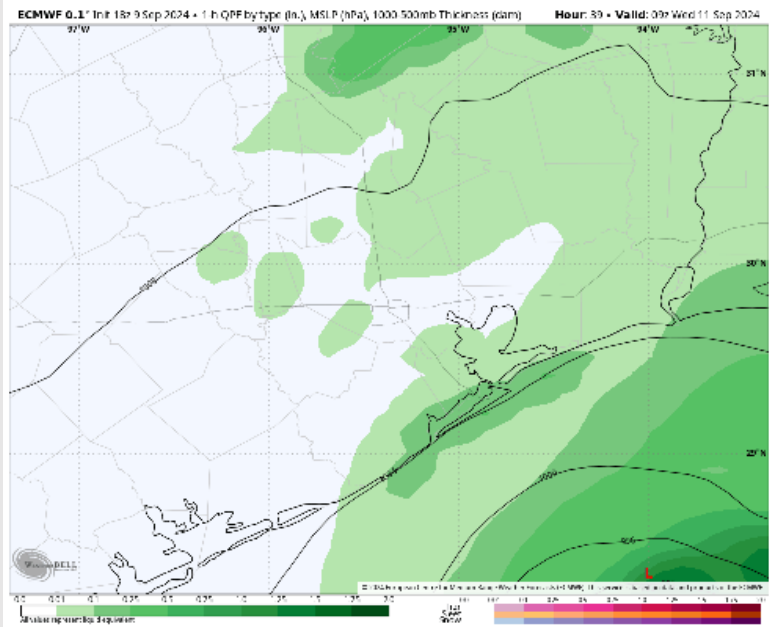
**Precip:** Widespread rainfall expected for all stations through 6 AM, becoming more scattered in nature after then. Scattered showers will continue through 7 PM before clearing out for the rest of the night.

**Wind:** Winds will be out of the E/NE throughout the AM hours before becoming out of the North after 12 PM. **N of Morgan's Point:** Winds will be at 10-15 kts throughout the day. **S of Morgan's Point:** Sustained winds will be 20-25 kts throughout the day. **S. of 51/52:** Sustained winds elevated to 30-35 kts, with gusts 40-45 kts, are possible from 10 AM-4 PM before decreasing to 20-25 kts for the remainder of the day.

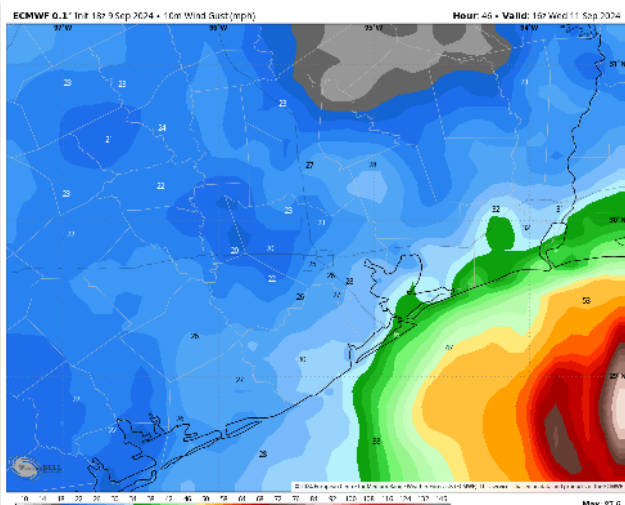
**High Temps:** **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Lower 80s F.

**Visibility:** Not anticipating any fog concerns for Wednesday, however visibilities will be reduced under heavy downpours.

## Precip Image: 4 AM CT



Wind Speed:  
11 AM CT



Wind Gusts:  
11 AM CT

# Houston Pilots: THU. 9/12/2024



## Forecast Discussion

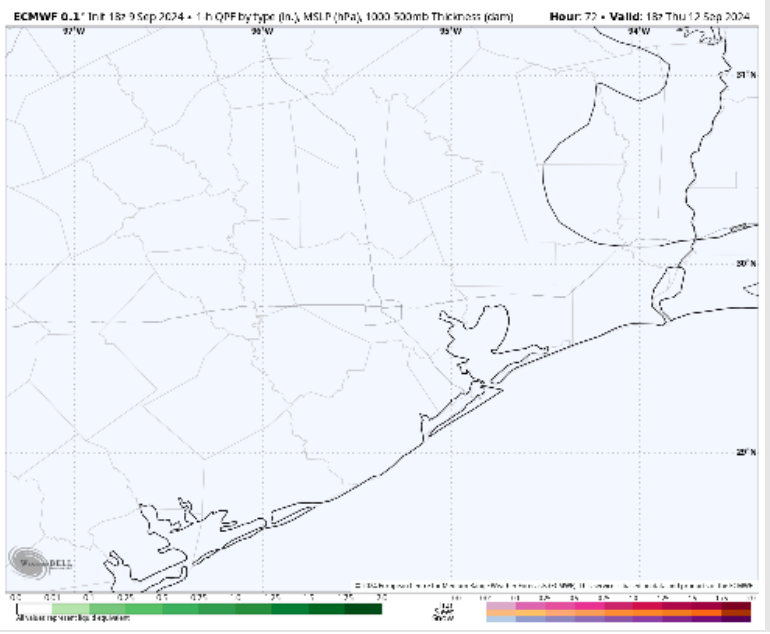
**Precip:** Favoring dry conditions for Thursday.

**Wind:** Winds will be out of the N/NW throughout the day on THU. **N of Morgan's Point:** Winds will be sustained at 3-8 kts throughout the day. **S of Morgan's Point:** Winds will be sustained at 10-15 kts throughout 12 PM before decreasing to 7-12 kts.

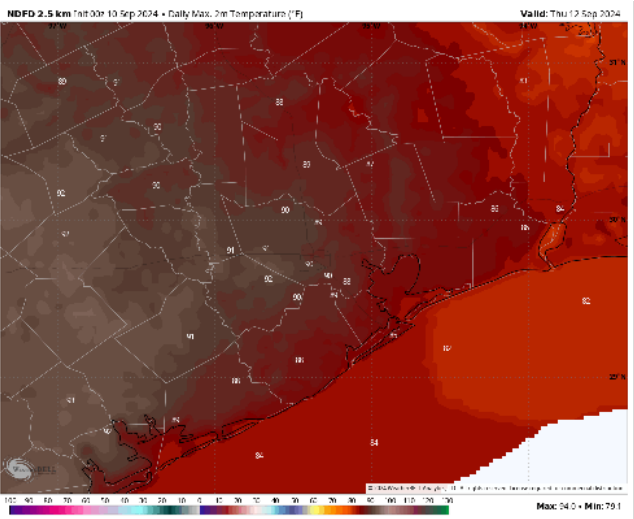
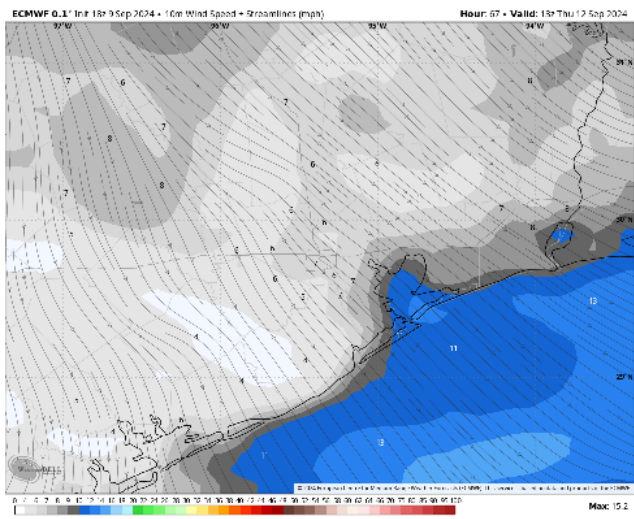
**High Temps:** **N of Morgan's Point:** Near 90 F. **S of Morgan's Point:** Mid 80s F

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

## Precip Image: 1 PM CT



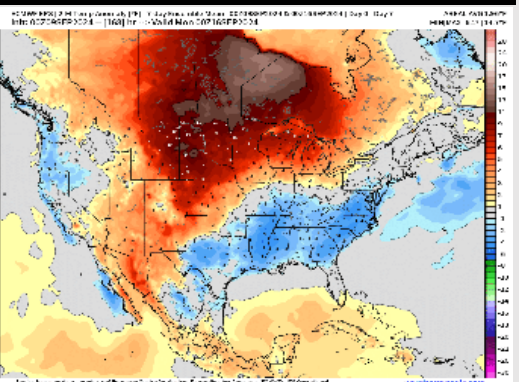
Wind Speed:  
8 AM CT



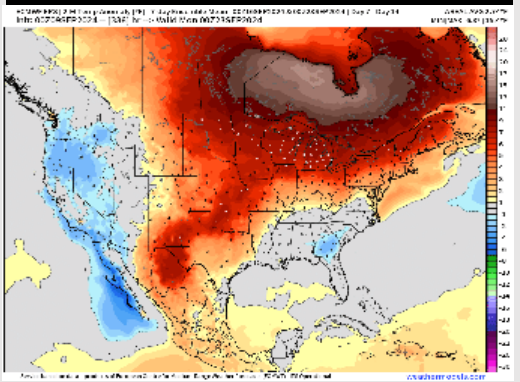
High Temps  
Thursday

# Houston Pilots: 9/9/24

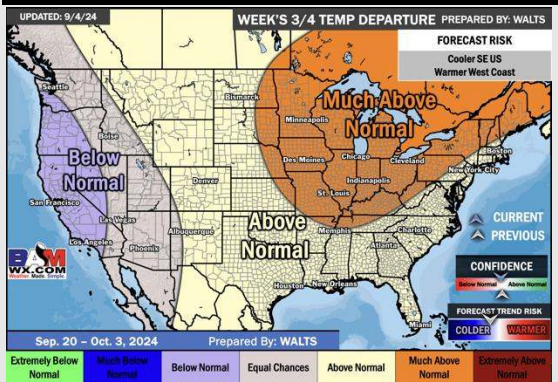
**Next 7 Day Temperature Departure**



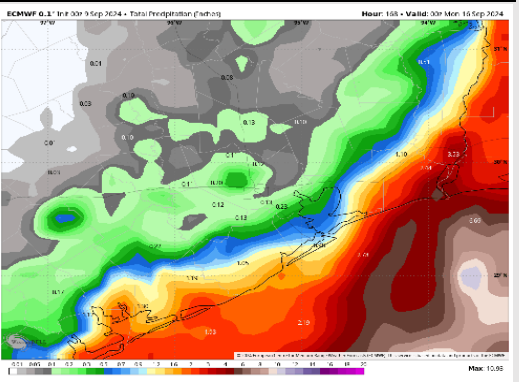
**8-14 Day Temperature Departure**



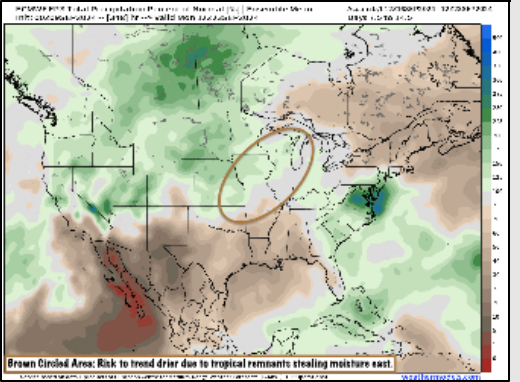
**15-30 Day Temperature Departure**



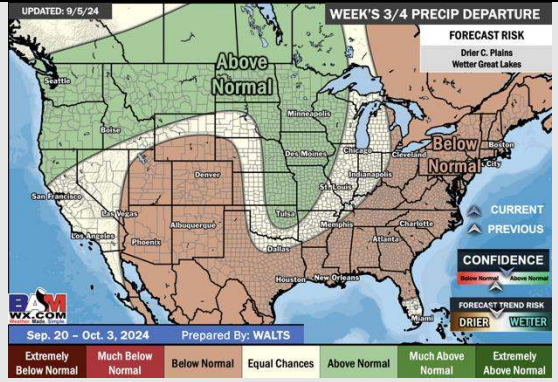
**Next 7 Day Total Precipitation**



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



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



- Temps are expected to be below normal for the week 1 timeframe. Tropical Storm Francine is expected to bring widespread rain showers/storms for all Stations.
- Near normal temperatures are favored for week 2 with below normal rain chances. Tropical activity threats for late Week 1 / early Week 2 and beyond will continue to be monitored.
- Above normal temperatures and below normal precipitation chances are expected for the weeks 3/4 timeframe.