

# Houston Pilots Tropical Update

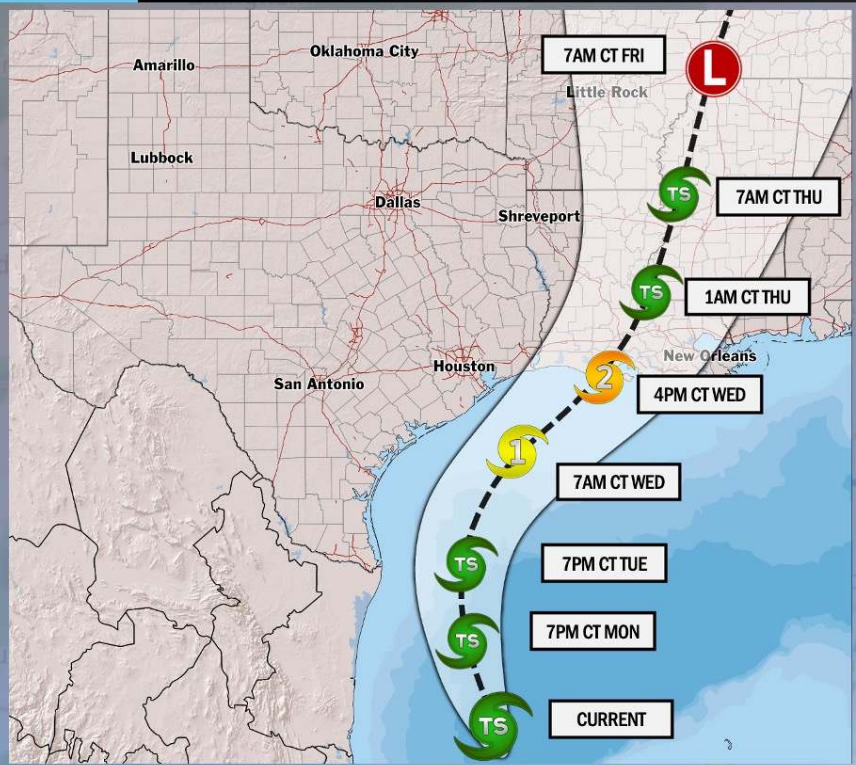


## TROPICAL STORM FRANCINE

DAILY INSIGHT

2PM ET Monday, September 9, 2024

Forecaster: Walts



**TIMING:** NOW – Friday AM

### FORECAST NOTES:

- ✓ Mid-day model runs indicate potential rapid intensification prior to landfall. Recent history would indicate these situations can be under-modeled with wind speed. Given this, we increase landfall to category 2 (96 – 110 MPH).
- ✓ Landfall: Wednesday afternoon near Intercoastal City, LA



# Houston Pilots Forecast Package



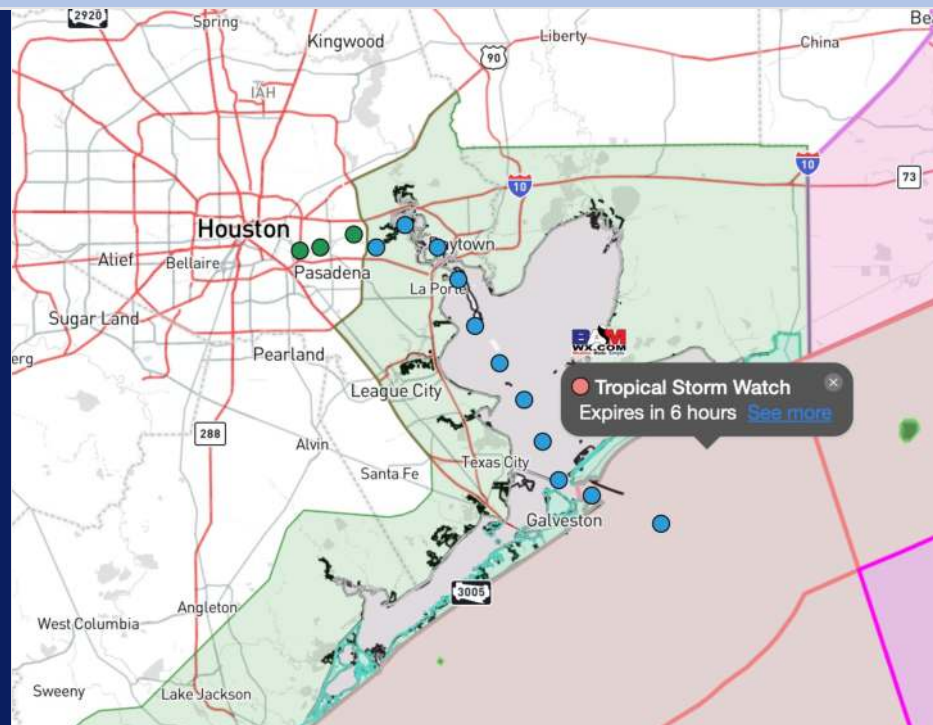
Updated: 1:30 PM CT

Monday, September 9, 2024

Forecaster: Hope Kleitsch

## 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 tomorrow for stations S. of Morgan's Point.**
- **[Tropical System Video Update](#)**



**Current Radar: 12:55 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.

# Houston Pilots Port Trigger Update

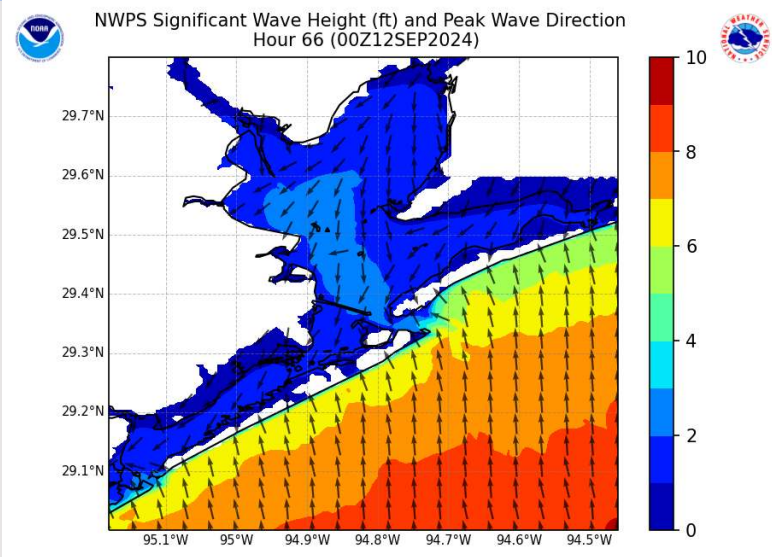


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	—	—	—
Whiskey	Past This Trigger	—	Ended
X-Ray	CURRENT	CURRENT	10 AM CT TUE
Yankee	10 AM CT TUE	10 AM CT TUE	10 PM CT TUE
Zulu	10 PM CT TUE	10 PM CT TUE	12 AM CT THU

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

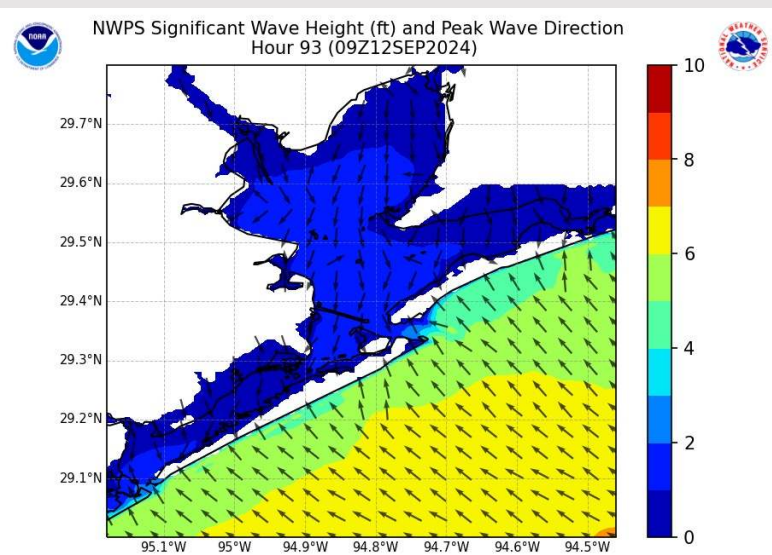
**NOTES:** Tropical Storm Francine has been designated W of the Yucatan Peninsula. Currently favoring direct landfall along Louisiana's western Gulf Coast, however still expecting winds of 34+ kts and wave heights of 6+ ft for WED.

# Wave Height Forecast Update



**7 PM CT WED**

Monitoring for wave heights to increase WED as Tropical Storm Francine works into the area. Expected to be at/above 4 ft ~7 AM CT WED.



**12 AM CT THU**

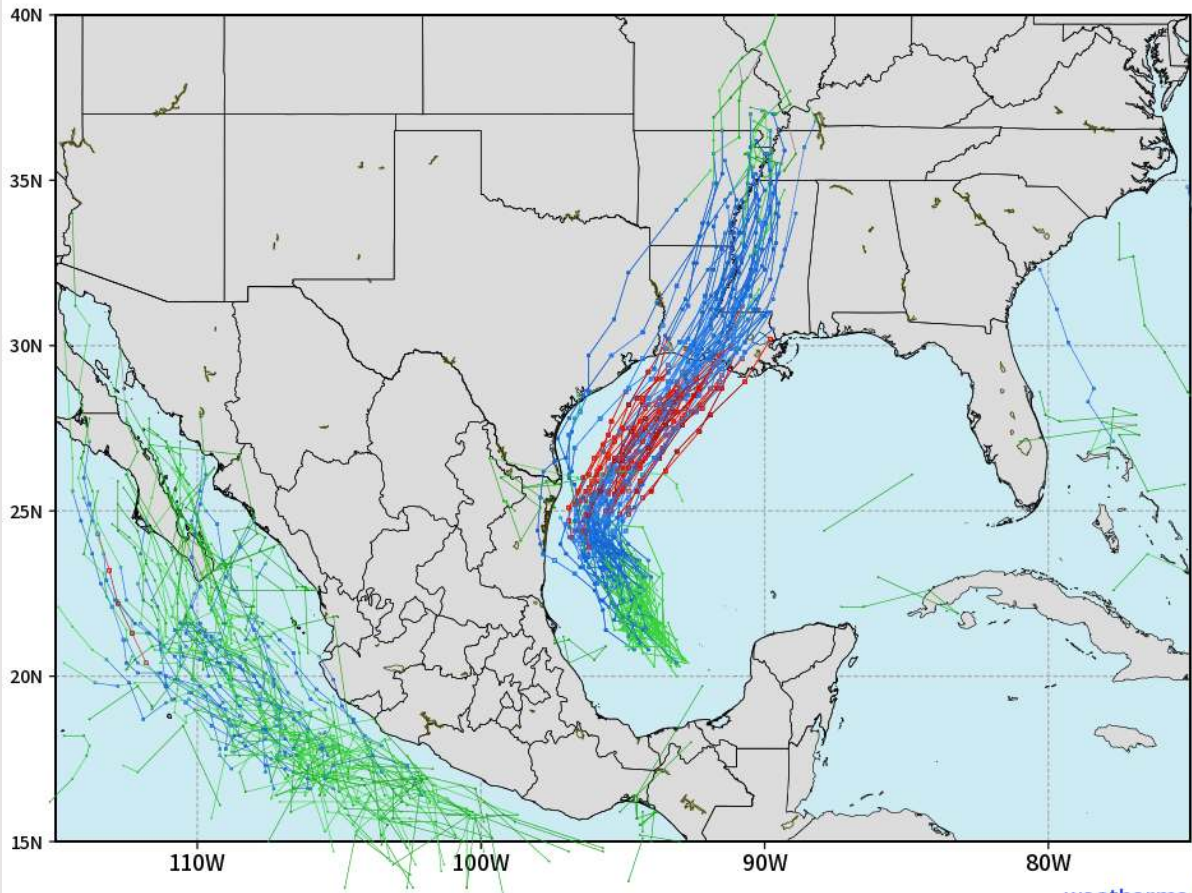
Heights of 6-7 ft will be possible for Stations 11/12 and the Boarding Station by 10 AM CT WED and remain there through 12 AM CT THU.

# Houston Pilots Tropical Update

## European Model Next 10 Days - Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]  
INIT: 00Z09SEP2024 --> UNTIL 00Z19SEP2024

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

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)



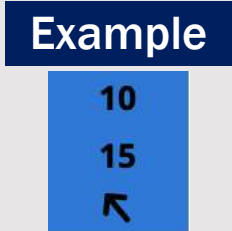
## Forecast Confidence



Visibility	Mon 2 pm	Mon 3 pm	Mon 4 pm	Mon 5 pm	Mon 6 pm	Mon 7 pm	Mon 8 pm	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
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	7
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	7
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	9	7
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	9	7
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	9	7
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	9	7.9	7
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	7.9	6.9	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 2 pm	Mon 3 pm	Mon 4 pm	Mon 5 pm	Mon 6 pm	Mon 7 pm	Mon 8 pm	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
Houston Pilots N - 610 Bridge	9 18 ←	9 20 ←	9 20 ←	9 18 ←	8 18 ←	8 17 ←	8 16 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	8 15 ←	8 16 ←	8 17 ←	8 17 ←	9 17 ←	9 18 ←	10 18 ←	10 20 ←	10 20 ←	10 21 ←	10 21 ←	10 21 ←
Houston Pilots M - Kinder 1	9 18 ←	9 20 ←	9 20 ←	9 18 ←	8 18 ←	8 17 ←	8 15 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	8 15 ←	8 16 ←	8 17 ←	8 17 ←	9 17 ←	9 18 ←	10 18 ←	10 20 ←	10 20 ←	10 21 ←	10 21 ←	10 21 ←
Houston Pilots L - Greens Bayou	9 18 ←	9 20 ←	9 20 ←	8 18 ←	8 17 ←	8 16 ←	7 15 ←	7 14 ←	6 15 ←	6 15 ←	7 15 ←	7 15 ←	7 15 ←	8 16 ←	8 17 ←	8 17 ←	8 18 ←	9 18 ←	9 18 ←	10 20 ←	10 20 ←	10 21 ←	10 21 ←	10 21 ←
Houston Pilots K - Shell Crude	9 18 ←	9 20 ←	9 20 ←	8 18 ←	8 17 ←	8 16 ←	7 15 ←	7 14 ←	6 15 ←	7 15 ←	7 15 ←	7 15 ←	7 15 ←	8 16 ←	8 17 ←	8 18 ←	8 18 ←	9 18 ←	9 20 ←	10 21 ←	10 21 ←	10 21 ←	10 21 ←	10 21 ←
Houston Pilots J - Lynchburg Ferries	9 17 ←	9 18 ←	9 18 ←	8 17 ←	8 17 ←	8 16 ←	6 14 ←	6 14 ←	6 14 ←	6 15 ←	6 15 ←	6 15 ←	7 15 ←	7 16 ←	7 17 ←	8 17 ←	8 18 ←	8 18 ←	9 18 ←	9 20 ←	10 20 ←	10 21 ←	10 21 ←	10 21 ←
Houston Pilots I - Exxon 3	13 20 ←	13 20 ←	13 21 ←	12 20 ←	12 18 ←	10 17 ←	10 16 ←	10 16 ←	10 16 ←	12 16 ←	13 17 ←	13 17 ←	13 18 ←	14 20 ←	15 20 ←	15 21 ←	15 22 ←	15 22 ←	15 22 ←	15 22 ←	15 22 ←	15 22 ←	14 22 ←	14 22 ←
Houston Pilots H - Morgans Point	13 20 ←	13 20 ←	13 21 ←	12 20 ←	12 18 ←	10 17 ←	10 16 ←	10 16 ←	10 16 ←	12 17 ←	13 17 ←	13 18 ←	13 18 ←	14 20 ←	15 21 ←	15 21 ←	15 22 ←	15 22 ←	15 22 ←	15 22 ←	15 22 ←	15 22 ←	14 22 ←	14 22 ←
Houston Pilots G - 75/76	13 21 ←	13 21 ←	13 21 ←	13 21 ←	13 20 ←	12 18 ←	12 17 ←	13 18 ←	13 18 ←	13 20 ←	14 20 ←	15 21 ←	15 21 ←	15 22 ←	16 23 ←	16 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	16 24 ←	15 23 ←
Houston Pilots F - 63/64	13 21 ←	13 21 ←	13 22 ←	13 21 ←	13 20 ←	13 18 ←	12 17 ←	13 18 ←	13 20 ←	13 20 ←	14 21 ←	15 21 ←	15 21 ←	15 22 ←	16 23 ←	16 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	16 24 ←	15 24 ←
Houston Pilots E - 51/52	13 21 ←	13 21 ←	13 22 ←	13 21 ←	13 20 ←	13 18 ←	13 18 ←	13 20 ←	14 21 ←	14 21 ←	15 22 ←	15 22 ←	15 22 ←	15 23 ←	16 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	17 25 ←	17 25 ←	16 25 ←
Houston Pilots D - 37/38	14 22 ←	14 21 ←	14 22 ←	13 22 ←	13 21 ←	13 20 ←	13 20 ←	13 20 ←	14 21 ←	15 22 ←	15 22 ←	15 22 ←	15 22 ←	15 23 ←	16 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	17 24 ←	17 25 ←	17 25 ←	17 25 ←	17 25 ←
Houston Pilots C - 25/26	14 22 ←	14 22 ←	14 22 ←	14 22 ←	13 22 ←	13 21 ←	13 20 ←	13 21 ←	14 22 ←	15 22 ←	15 23 ←	15 23 ←	15 23 ←	15 23 ←	15 24 ←	16 24 ←	16 24 ←	17 24 ←	17 24 ←	17 24 ←	17 25 ←	17 25 ←	17 25 ←	17 26 ←
Houston Pilots B - 11/12	14 22 ←	14 23 ←	14 22 ←	14 22 ←	13 22 ←	13 21 ←	13 21 ←	13 21 ←	13 22 ←	13 22 ←	13 23 ←	13 23 ←	13 23 ←	14 23 ←	14 24 ←	15 24 ←	15 24 ←	15 24 ←	15 24 ←	15 24 ←	15 25 ←	16 25 ←	16 25 ←	16 25 ←
Houston Pilots A - 1 & 2 Bravo	16 25 ←	16 25 ←	16 25 ←	15 24 ←	15 25 ←	15 24 ←	15 24 ←	15 24 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	17 24 ←	17 25 ←	17 25 ←	17 26 ←	17 26 ←	17 26 ←	18 26 ←	18 26 ←	18 28 ←	18 28 ←	18 28 ←

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# Houston Pilots: MON. 9/9/2024



## Forecast Discussion

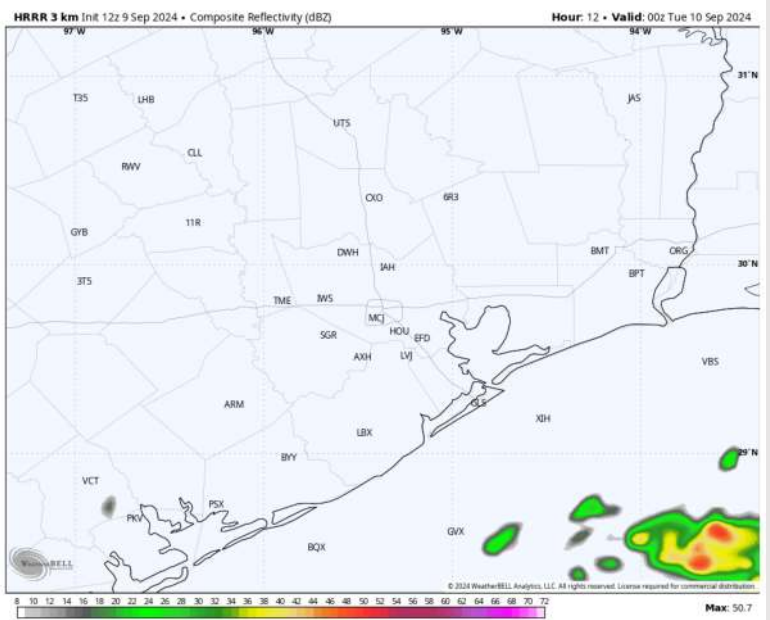
**Precip:** Favoring dry conditions for the rest of the day. Scattered to widespread showers/storms remain S/SE of the Boarding Station.

**Wind:** Winds will be out of the NE throughout the remainder of the day. **N of Morgan's Point:** Winds will be sustained at 8 – 11 kts through 7 PM, decreasing slightly to 4 – 8 kts for the rest of the night. **S of Morgan's Point:** Winds will be sustained at 12 – 18 kts. **Wind gusts up to 25 kts are possible S. of station 11/12.**

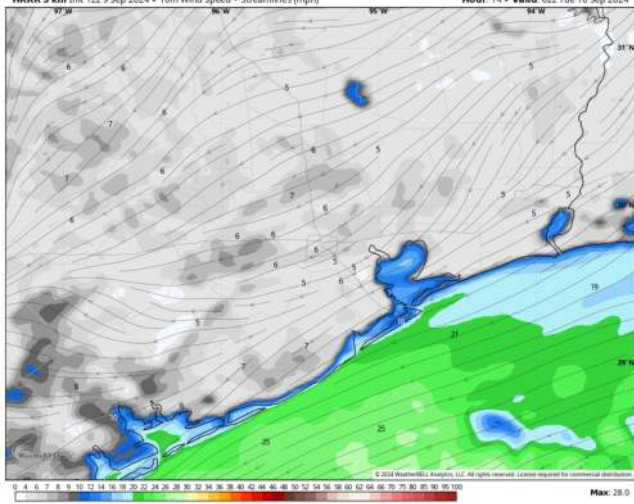
**Low Temps:** **N of Morgan's Point:** Low 70s F. **S of Morgan's Point:** Mid to upper 70s F

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

## Precip Image: 7 PM CT

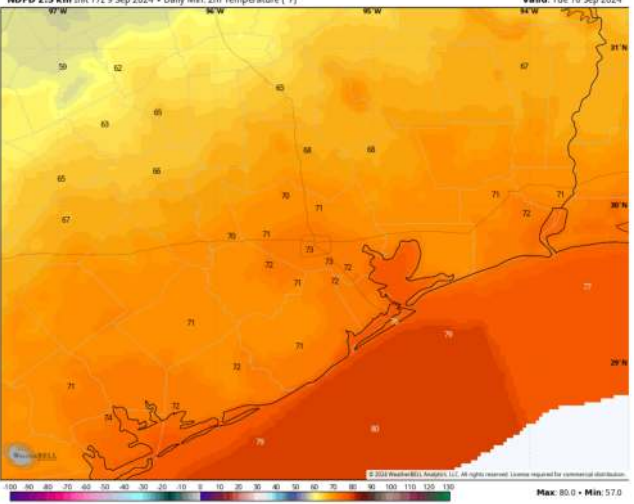


HRRR 3 km Init 12z 9 Sep 2024 • 10m Wind Speed • Streamlines (mph) Hour: 14 • Valid: 02z Tue 10 Sep 2024



Wind Speed:  
9 PM CT

NDFD 2.5 km Init 17z 9 Sep 2024 • Daily Min. 2m Temperature (°F) Valid: Tue 10 Sep 2024



Low Temps  
TUE AM



# Houston Pilots: TUE. 9/10/2024



## Forecast Discussion

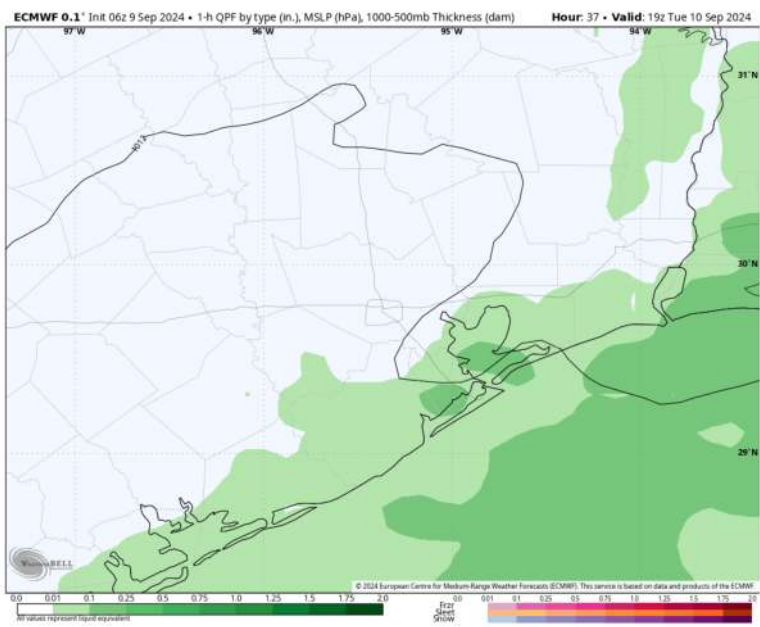
**Precip:** Favoring scattered to widespread showers/storms to work towards the Boarding Station and Station 11/12 after 8 AM and gradually work N/NW throughout the day, reaching Morgan's Point towards 2 PM. Widespread rain/storms are expected to continue throughout Tuesday night.

**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. **Gusts of 25 – 30 kts are in play throughout the day for Stations S of Morgan's Point.**

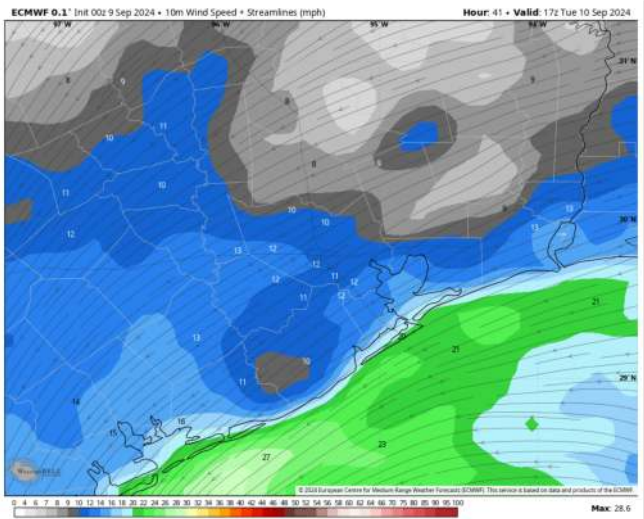
**High Temps:** **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Low 80s F.

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

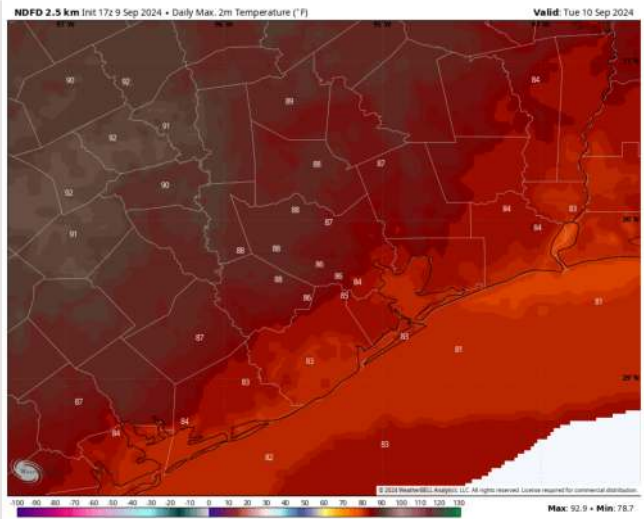
## Precip Image: 2 PM CT



Wind Speed  
12 PM CT



High Temps  
Tuesday



# Houston Pilots: WED. 9/11/2024



## Forecast Discussion

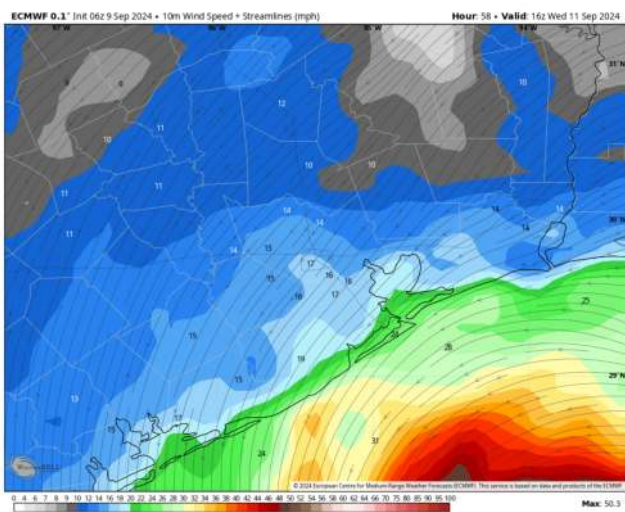
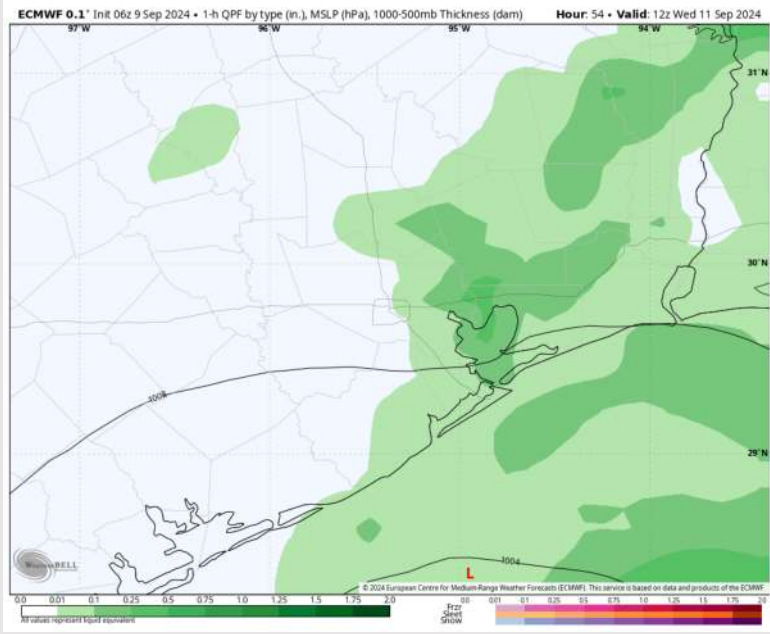
**Precip:** Widespread rainfall expected for all stations through 10 AM, becoming more scattered in nature after then. Scattered showers will continue through 10 PM before clearing out for the rest of the night.

**Wind:** Winds will be out of the E/NE throughout the day. **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 up to 40 kts, are possible from 10 AM-7 PM before decreasing to 20-25 kts for the remainder of the day.

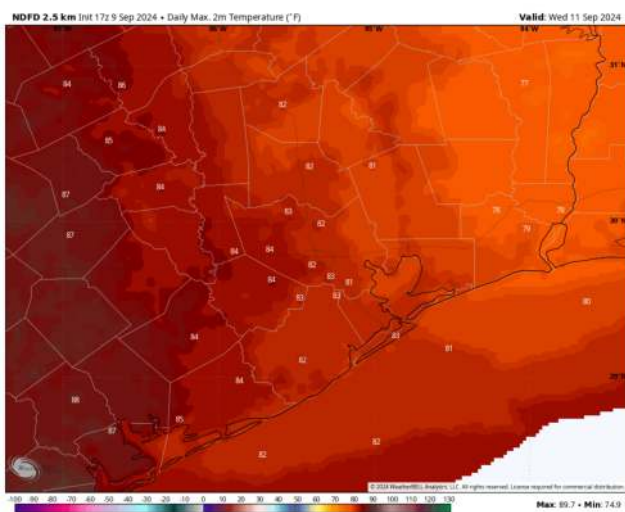
**High Temps:** **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Lower 80s F.

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

## Precip Image: 7 AM CT

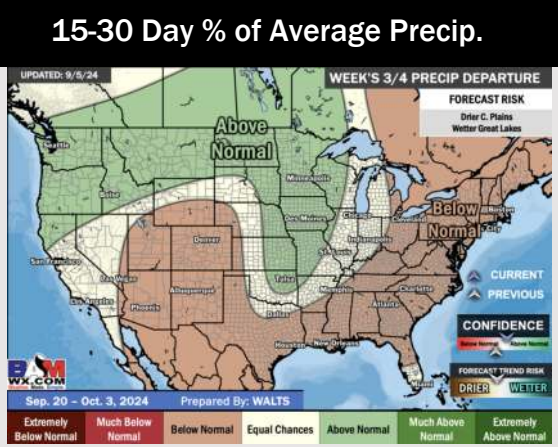
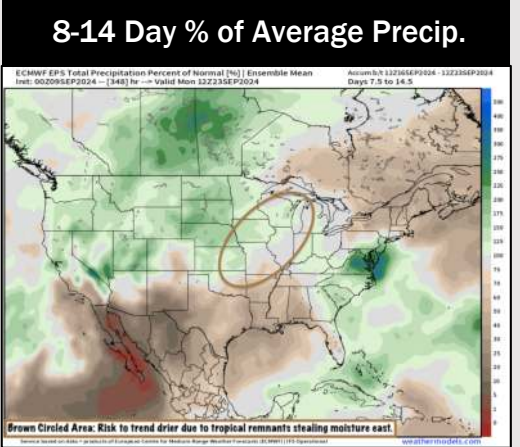
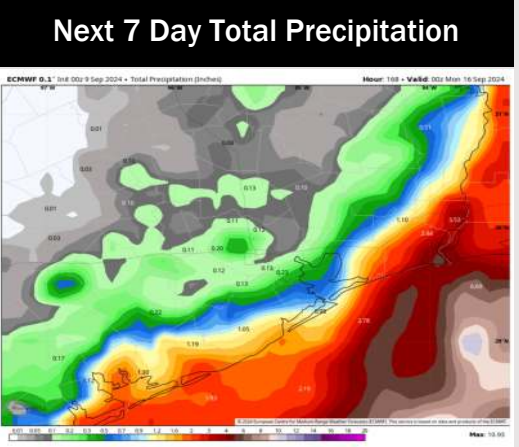
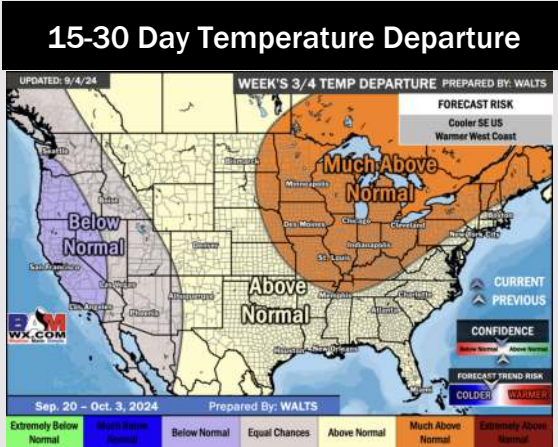
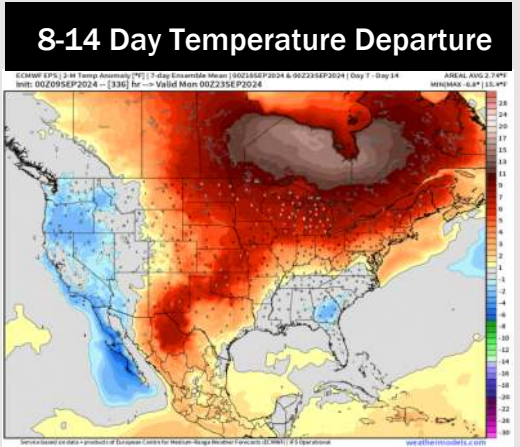
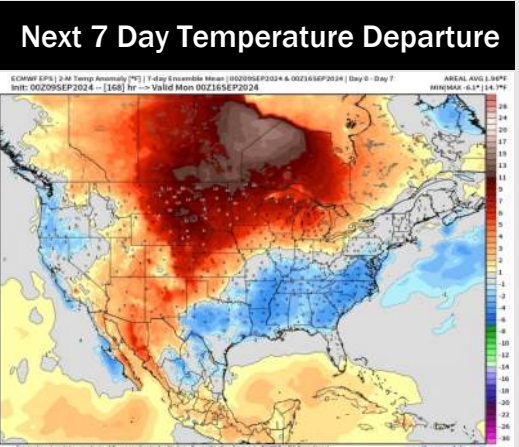


Wind Speed:  
11 AM CT



High Temps  
Wednesday

# Houston Pilots: 9/9/24



- 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 threatens 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.