

# Houston Pilots Forecast Package



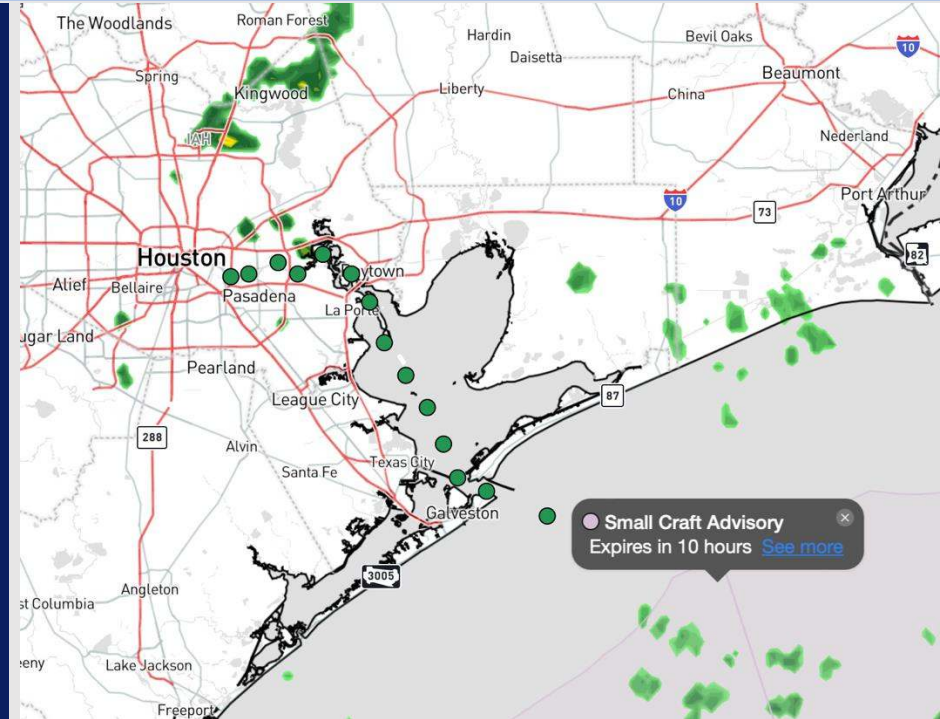
Updated: 11:15 PM CT

Sunday, November 10, 2024

Forecaster: Tyler Riggles

## Weather Headlines

- Zulu Port Trigger is in effect due to elevated wave heights. See wave height slide for more info.
- Tropical Storm Rafael is not expected to make impacts to the US. See hurricane tracks and map below.
- Rain chances will continue to linger throughout the weekend across the HOU area.
- Latest Video Update: [Zulu Conditions Video](#)



Current Radar: 11:09 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

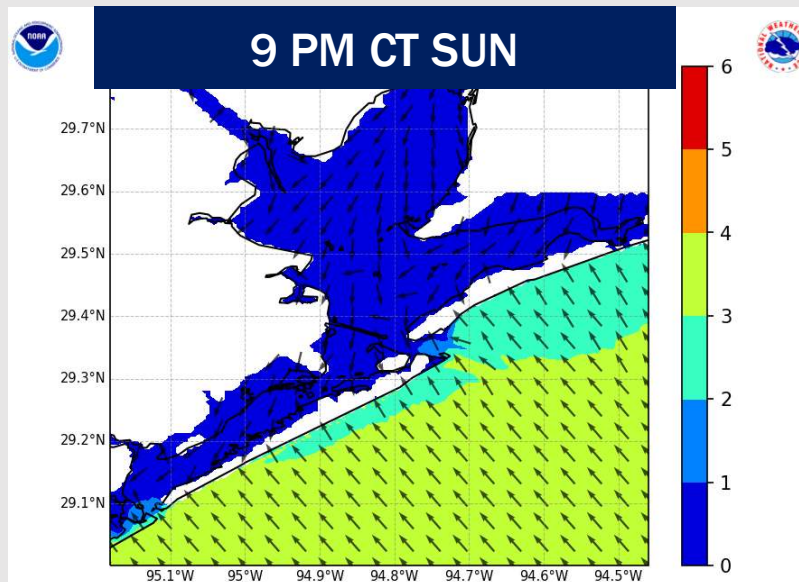
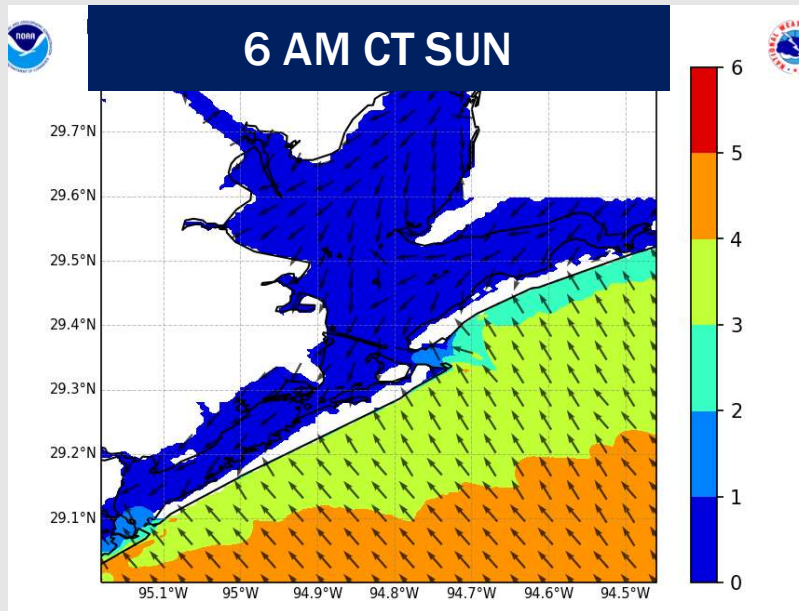


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	---	---	---
X-Ray	---	---	---
Yankee	---	---	---
Zulu	---	<b>CURRENT</b>	<b>SUN 9 PM</b>

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

**NOTES:** Tropical Storm Rafael continues to work across the Gulf of Mexico. Wave heights expected to be on a general decline throughout SUN before the risk for 6' heights ends by 9 PM CT SUN.

# Wave Height Forecast Update



Favoring wave heights to gradually decrease during the day on SUN, although localized instances of 6'+ wave heights can continue throughout most of SUN.

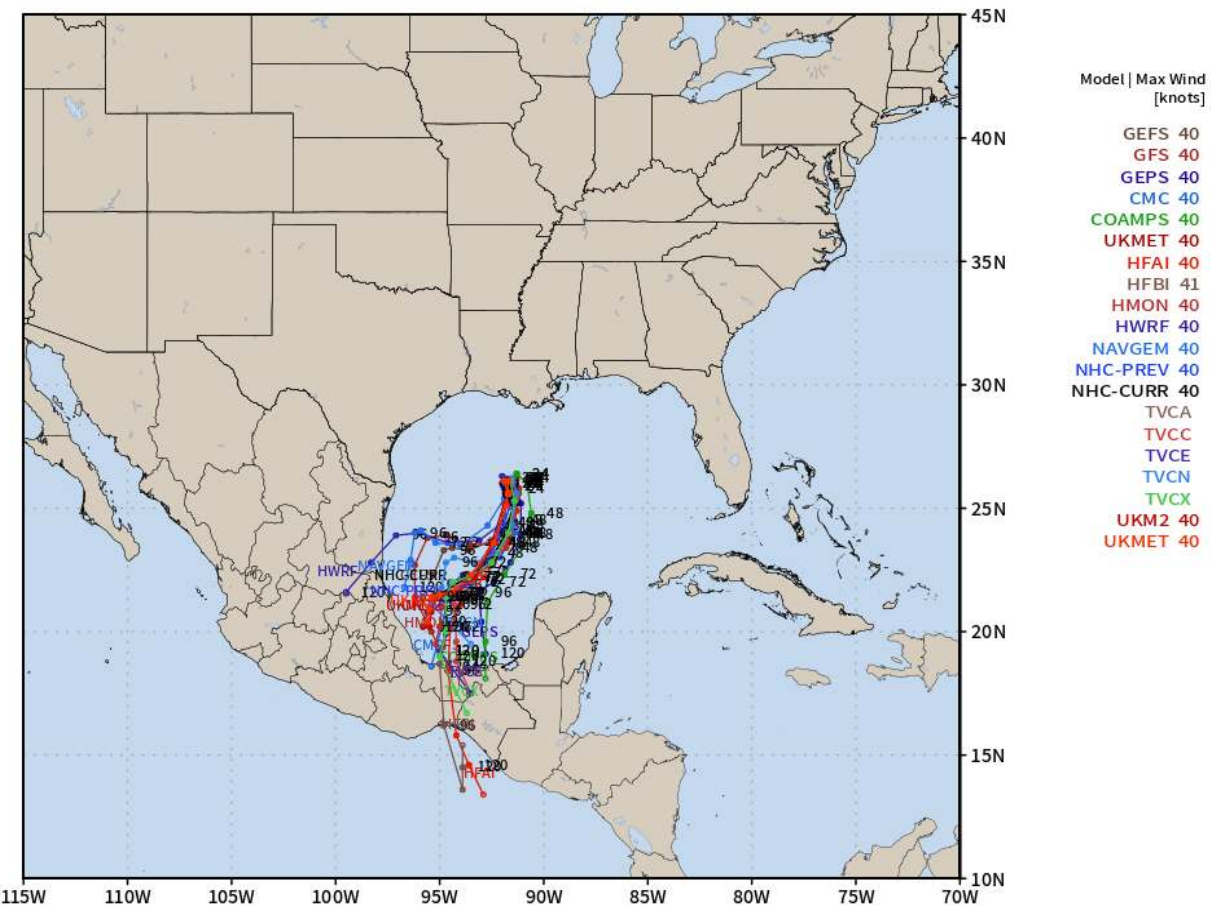
Favoring the risk of 6"+ wave heights to end by 9 PM CT SUN.

# Houston Pilots Tropical Update



## Various Hurricane Tracks - Rafael

AL18 RAFAEL Guidance valid: 2024111000



Note: This map includes raw model data from 6 or 12 hours prior. Consult NHC Official Forecasts. Model guidance only expert interpretation required. Source: <https://weathermodels.com>

Industry Energy according to our TOS (if5580f5Z0012B597)

Tropical Storm Rafael continues to push W further into the Gulf of Mexico.

As Rafael moves further into the Gulf of Mexico, we are expecting Rafael to continue to weaken before turning southwestward towards Mexico.

Confidence remains in the SW/S track and impacts for Houston are not favored.

More information on the next slide.



# Houston Pilots Tropical Update

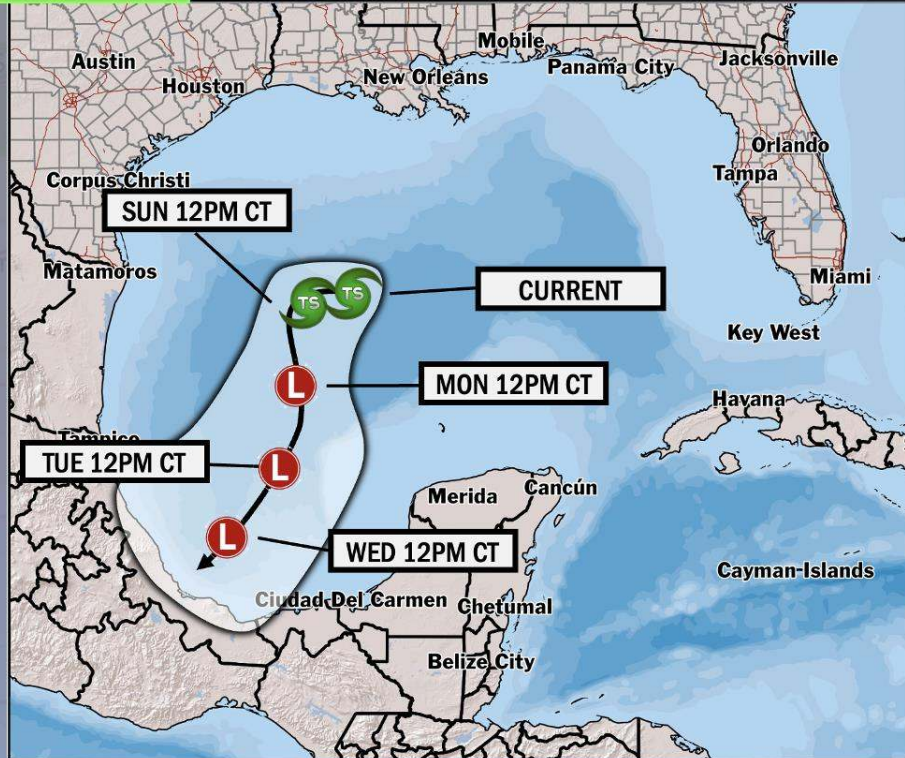


## Tropical Storm Rafael Update

TROPICAL INSIGHT

10:15 PM CT Saturday, November 9, 2024

Forecaster: Lowry



**TIMING: SUN 11/10 – WED 11/13**

**FORECAST NOTES:**

- ✓ Rafael is favored to continue as a Tropical Storm through the Gulf, with further weakening expected into next week.
- ✓ Direct US impacts are not favored. Rough Seas along the W Gulf Coast can be expected into next week

# Houston Pilots Extended Range Visibility Report



## Wednesday 11/13/24

Fog not favored for WED.

### Forecast Confidence



## Thursday 11/14/24

Fog not favored for THU.

### Forecast Confidence



## Friday 11/15/24

Fog not favored for FRI.

### Forecast Confidence



## Chance for Fog

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Visibility	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	Sun 3 pm	Sun 4 pm	Sun 5 pm	Sun 6 pm	Sun 7 pm	Sun 8 pm	Sun 9 pm	Sun 10 pm	Sun 11 pm
Houston Pilots N - 610 Bridge	9	7.9	6.9	4.9	4.9	4.9	4.9	4.9	3.9	3.9	4.9	6.9	10	10	10	10	10	10	10	10	10	10	10	7.9
Houston Pilots M - Kinder 1	9	6.9	5.9	4.9	4.9	4.9	4.9	3.9	3.9	3.9	4.9	6.9	10	10	10	10	10	10	10	10	10	10	10	7.9
Houston Pilots L - Greens Bayou	6.9	6.9	4.9	4.9	4.9	4.9	4.9	3.9	3.9	3.9	4.9	6.9	10	10	10	10	10	10	10	10	10	10	9	7.9
Houston Pilots K - Shell Crude	6.9	5.9	4.9	4.9	4.9	4.9	3.9	3.9	3.9	3.9	4.9	6.9	9	10	10	10	10	10	10	10	10	10	7.9	6.9
Houston Pilots J - Lynchburg Ferries	6.9	6.9	4.9	4.9	4.9	4.9	3.9	3.9	3.9	3.9	4.9	6.9	9	10	10	10	10	10	10	10	10	10	9	6.9
Houston Pilots I - Exxon 3	6.9	5.9	4.9	4.9	4.9	4.9	3.9	3.9	3.9	3.9	4.9	6.9	9	10	10	10	10	10	10	10	10	10	7.9	6.9
Houston Pilots H - Morgans Point	5.9	5.9	4.9	4.9	3.9	3.9	3.9	3.9	3.9	3.9	4.9	6.9	9	10	10	10	10	10	10	10	10	10	7.9	6.9
Houston Pilots G - 75/76	5.9	4.9	4.9	4.9	3.9	3.9	3.9	4.9	3.9	3.9	4.9	6.9	6.9	10	10	10	10	10	10	10	10	9	7.9	9
Houston Pilots F - 63/64	5.9	4.9	4.9	4.9	3.9	3.9	4.9	4.9	3.9	3.9	4.9	6.9	6.9	10	10	10	10	10	10	10	10	9	7.9	9
Houston Pilots E - 51/52	5.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	6.9	6.9	10	10	10	10	10	10	10	10	9	7.9	9
Houston Pilots D - 37/38	5.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	6.9	6.9	10	10	10	10	10	10	10	10	10	7.9	9
Houston Pilots C - 25/26	6.9	4.9	4.9	4.9	4.9	4.9	4.9	5.9	4.9	4.9	5.9	6.9	7.9	10	10	10	10	10	10	10	10	10	9	9
Houston Pilots B - 11/12	6.9	5.9	4.9	4.9	4.9	4.9	5.9	5.9	4.9	4.9	5.9	6.9	7.9	10	10	10	10	10	10	10	10	10	9	9
Houston Pilots A - 1 & 2 Bravo	6.9	6.9	4.9	4.9	5.9	5.9	6.9	6.9	5.9	5.9	5.9	6.9	7.9	10	10	10	10	10	10	10	10	10	10	9

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

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## Forecast Discussion

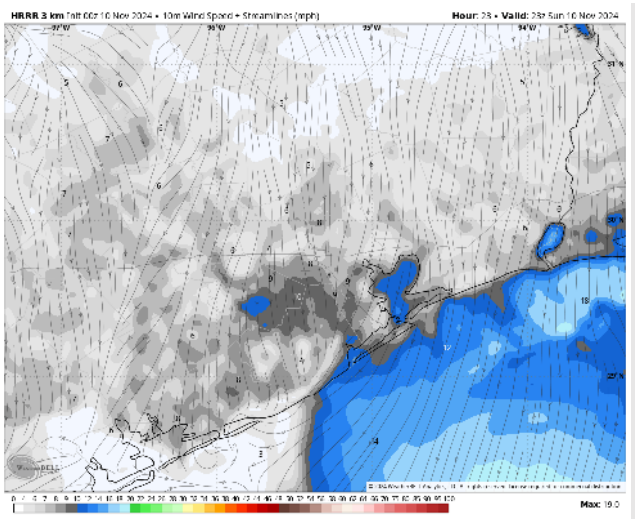
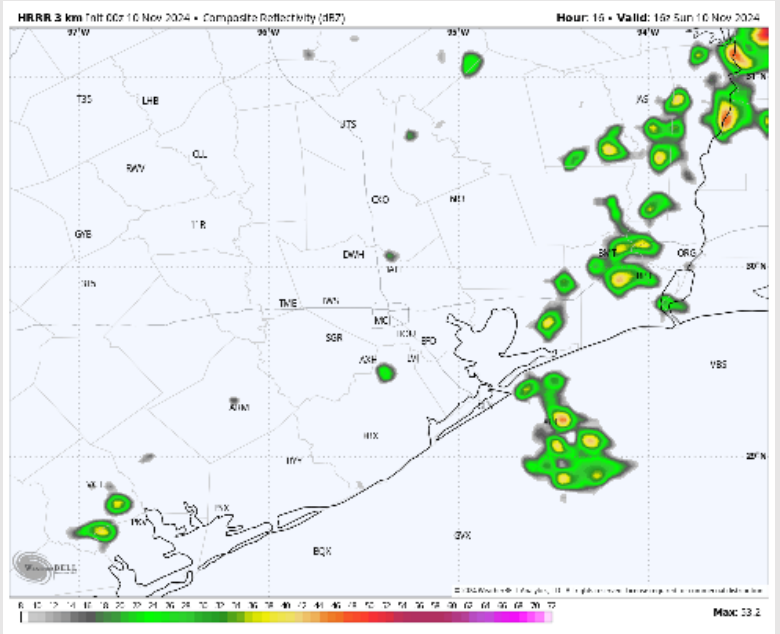
**Precip:** Isolated (10-20%) showers will be possible through 12 PM at all stations. Chances South of Morgan's Point will continue through 4 PM before dry conditions follow after that time.

**Wind:** Winds will be out of the NNE through the day. **N of Morgan's Point:** Winds will be at 4 – 9 kts throughout the day. **S of Morgan's Point:** Winds will be 8 – 12 kts through 4PM, before a slight increase to 10 – 15 kts for the rest of the day.

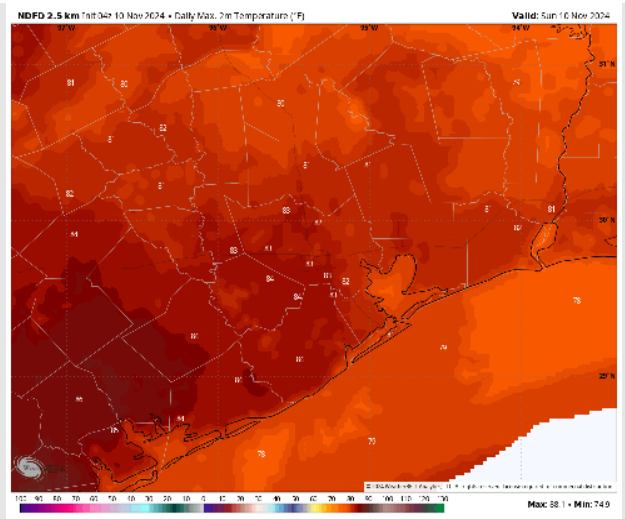
**High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s F.

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

## Precip Image: 10 AM CT



Wind Speed:  
5 PM CT



High Temps  
Today

# Houston Pilots: MON. 11/11/2024



## Forecast Discussion

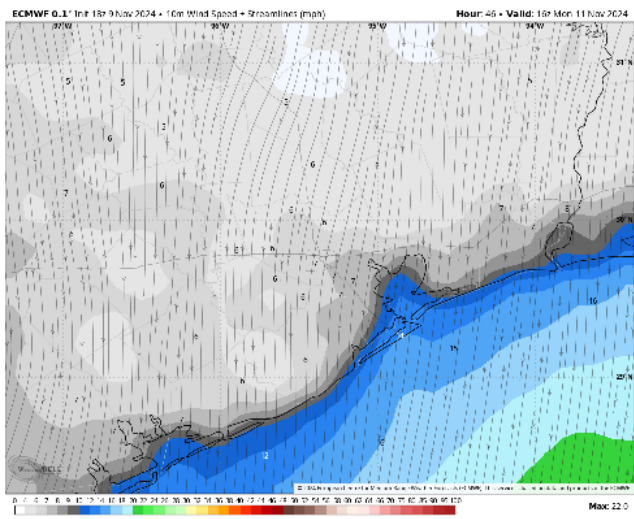
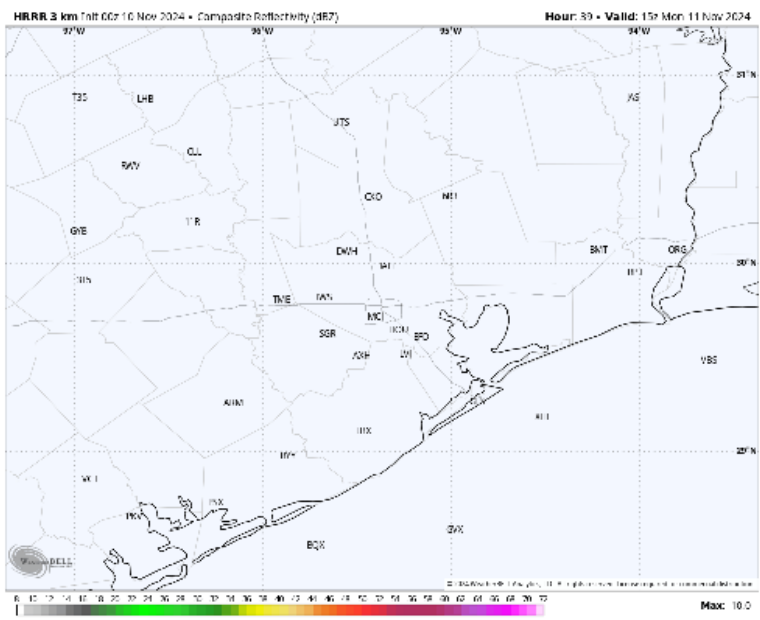
**Precip:** Favoring dry conditions throughout the day on Monday.

**Wind:** Winds will be out of the N/NE throughout the day on Monday. **N of Morgan's Point:** Winds at 3 – 7 kts throughout the day on Monday. **S of Morgan's Point:** Winds at 9 - 14 kts through the day on Monday.

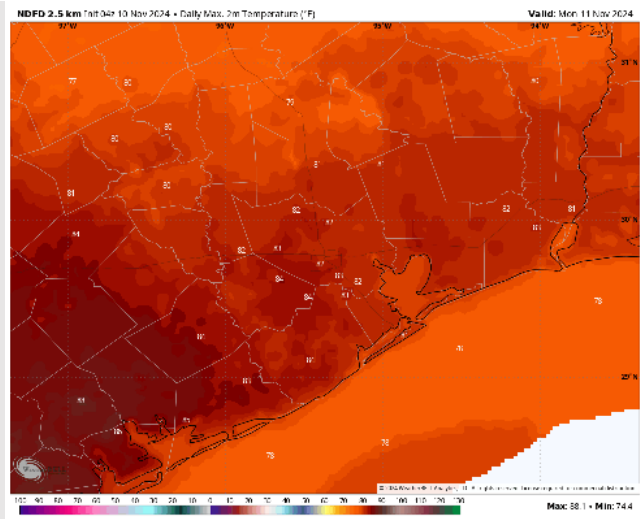
**High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s F.

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

## Precip Image: 9 AM CT



Wind Speed:  
10 AM CT



High Temps  
Monday

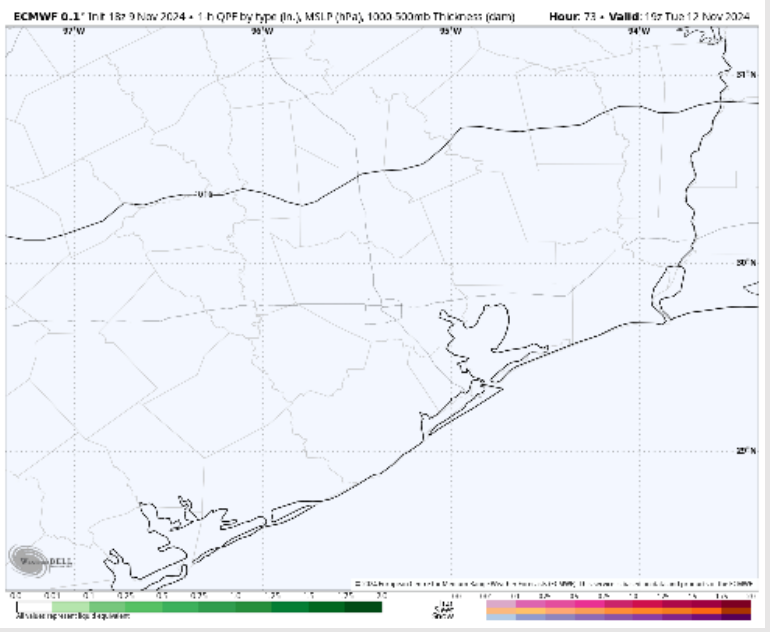
# Houston Pilots: TUE. 11/12/2024



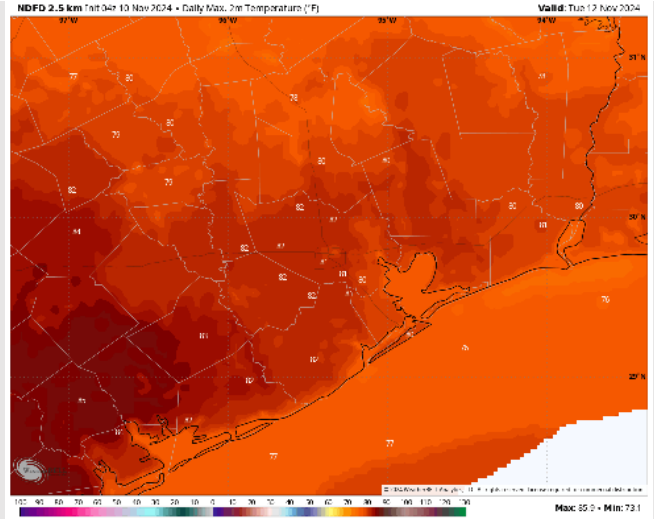
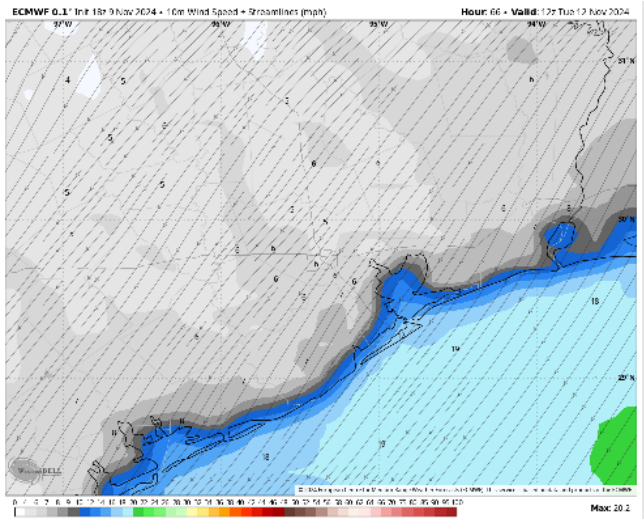
## Forecast Discussion

- Precip:** Favoring dry conditions for Tuesday.
- Wind:** Winds will be out of NE throughout Tuesday. **N of Morgan's Point:** Winds will be at 4 - 9 kts throughout Tuesday. **S of Morgan's Point:** Winds will be at 10-15 kts through the day.
- High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s F.
- Visibility:** No visibility concerns for Tuesday.

## Precip Image: 1 PM CT



Wind Speed  
6 AM CT



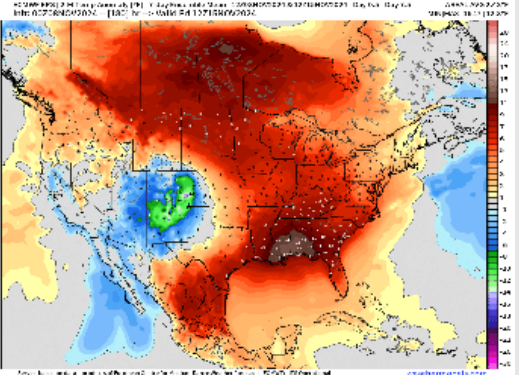
High Temps  
Tuesday



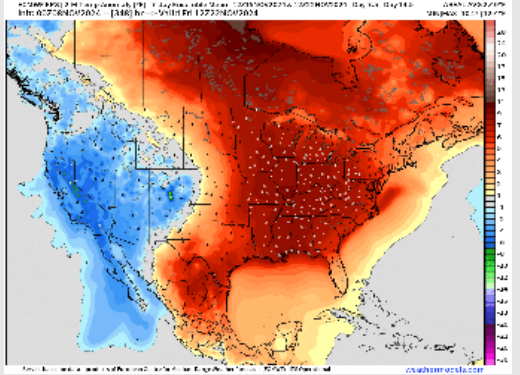
# Houston Pilots: 11/10/24



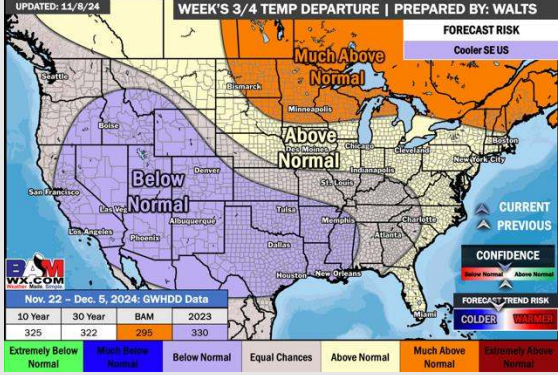
**Next 7 Day Temperature Departure**



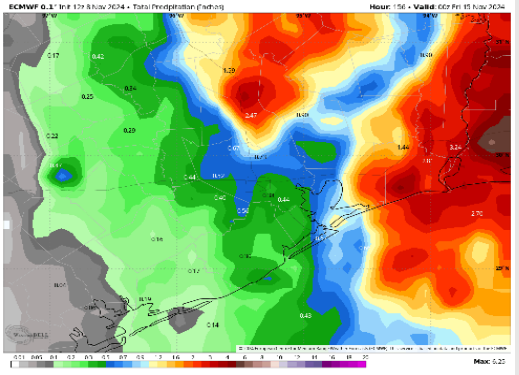
**8-14 Day Temperature Departure**



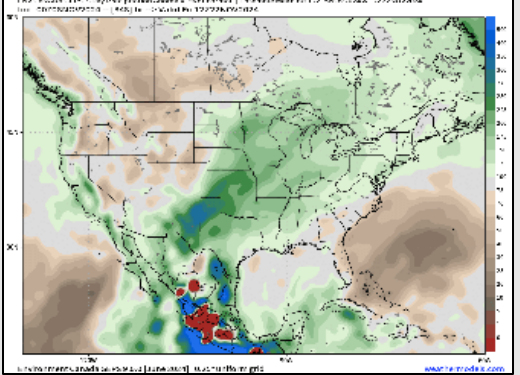
**15-30 Day Temperature Departure**



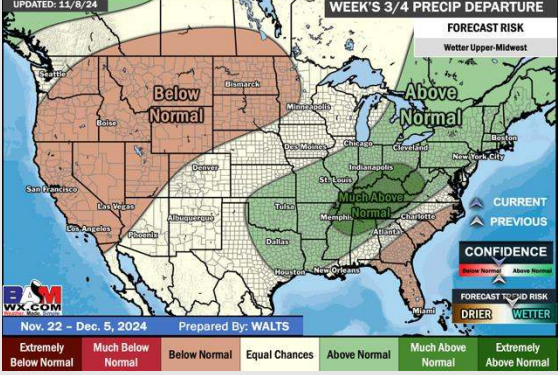
**Next 7 Day Total Precipitation**



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



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



- Temps are expected to be above normal for the week 1 timeframe. Favoring scattered rain chances to continue for the week 1 period.
- Above normal temperatures are favored for week 2. Favoring precipitation to be right around normal
- Below normal temperatures and above normal precipitation chances are expected for the weeks 3/4 timeframe.