

# Houston Pilots Forecast Package



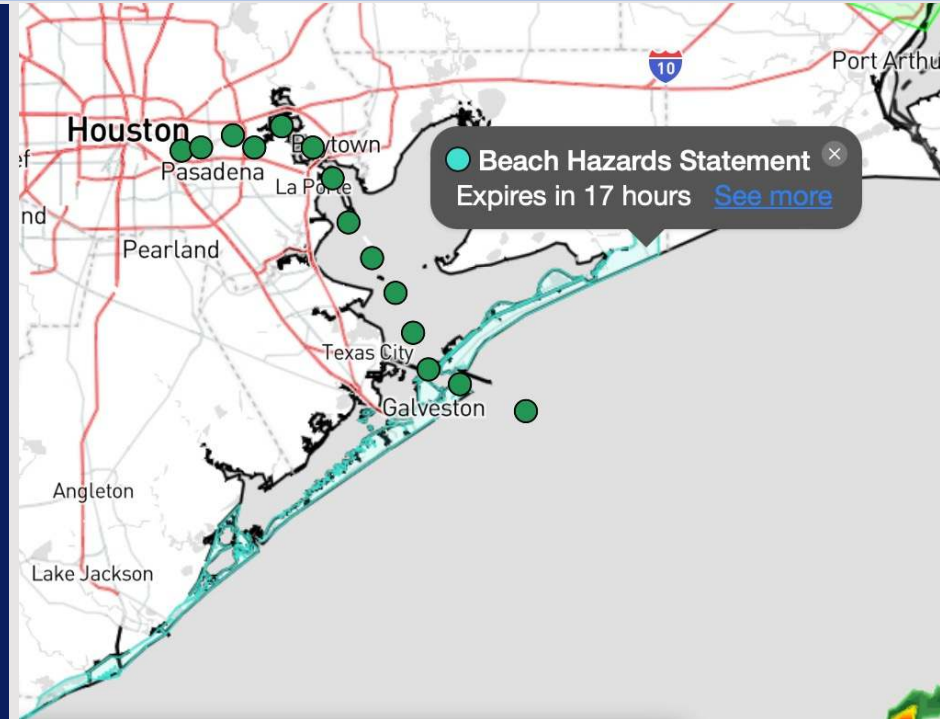
Updated: 2:25 PM CT

Wednesday, November 6, 2024

Forecaster: Hope Kleitsch

## Weather Headlines

- Winds will gradually increase above 15 kts for stations S. of Morgan's Point as we get into Friday.
- Isolated to scattered showers will return to the forecast Thursday.
- **Victor trigger has been met! See Port Trigger Update below!**
- [Click here for latest Hurricane Rafael video update!](#)



Current Radar: 2:20 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	—	—	<b>MON 7 PM</b>
Whiskey	—	—	—
X-Ray	—	—	—
Yankee	—	—	—
Zulu	—	—	—

Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	<b>YES</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>NO</b>

**NOTES:** Rafael is anticipated to enter the Gulf of Mexico by WED evening. Wave heights and gusty winds will start to increase/ramp up by Saturday for HOU. Wave heights of 3' - 5' can be expected. The increased winds and wave heights are expected to linger through MON AM. There is lower than normal confidence in if any triggers will be met due to uncertainty in Rafael's track. We will provide updates if any other triggers are reached.

# Houston Pilots Tropical Update

## European Tropical Tracks - Next 10 Days



Major Hurricane Rafael is expected to make landfall in Cuba WED afternoon.

As the Hurricane moves into the Gulf of Mexico, we are expecting Rafael to weaken back into a Tropical storm before turning westward towards Texas/Mexico.

Confidence still remains low on exact track / landfall. However, at the very LEAST, an increase in winds and wave heights by Saturday.

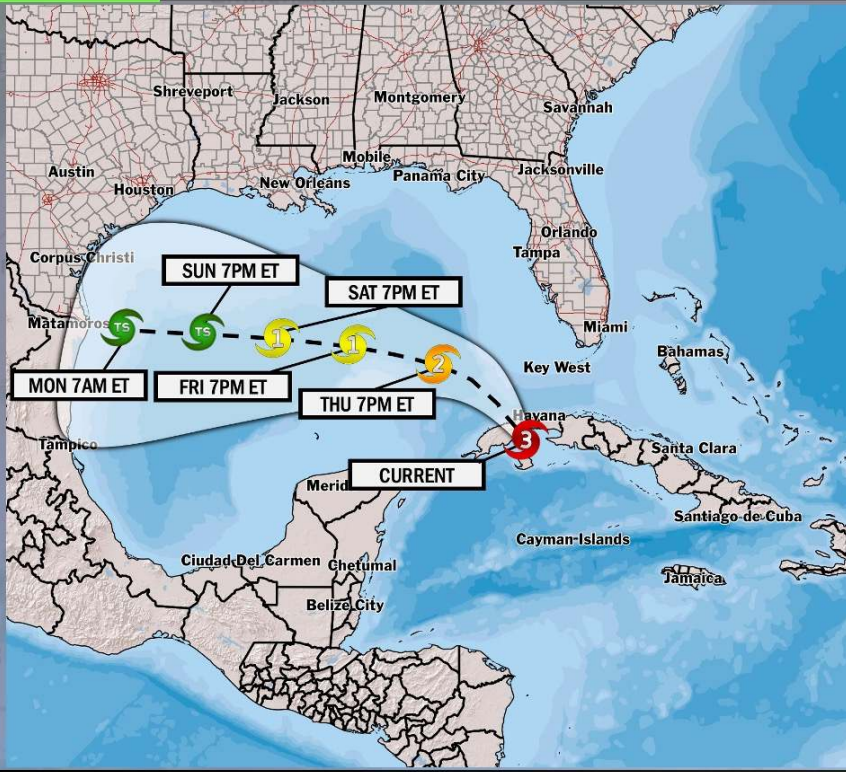
See graphic on next slide for more information and our track map!

# Houston Pilots Tropical Update



## CLARITY Hurricane Rafael Update

TROPICAL INSIGHT 1:30 PM CT Wednesday, November 6, 2024 Forecaster: Kleitsch



**TIMING: WED 11/6 – MON 11/11**

### FORECAST NOTES:

- ✓ Rafael is expected to remain a Hurricane off Cuba's north coast and into the Gulf of Mexico.
- ✓ While confidence remains low on exact track, favoring timeframe of ~11/9 – 11/11 for any potential impacts to the US.



# Houston Pilots Extended Range Visibility Report



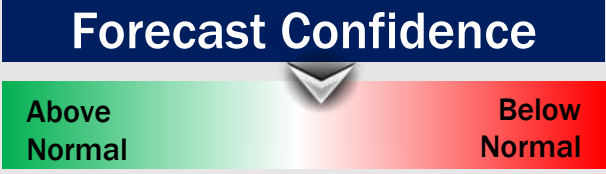
## Saturday 11/9/24

Fog not favored for SAT.



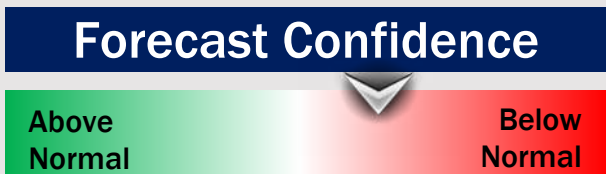
## Sunday 11/10/24

Fog not favored for SUN.



## Monday 11/11/24

A low-end threat for fog MON AM for Stations N. of Morgan's Point



## Chance for Fog

Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Low-End
Monday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



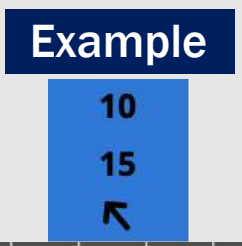
Visibility	Wed 4 pm	Wed 5 pm	Wed 6 pm	Wed 7 pm	Wed 8 pm	Wed 9 pm	Wed 10 pm	Wed 11 pm	Thu 12 am	Thu 1 am	Thu 2 am	Thu 3 am	Thu 4 am	Thu 5 am	Thu 6 am	Thu 7 am	Thu 8 am	Thu 9 am	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 pm	Thu 2 pm	Thu 3 pm
Houston Pilots N - 610 Bridge	10	10	10	10	10	10	10	10	10	8	6.9	5.9	5.9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

**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



→ Sustained wind 10 Knots  
 → Gusts 15 Knots  
 → Wind from the SE



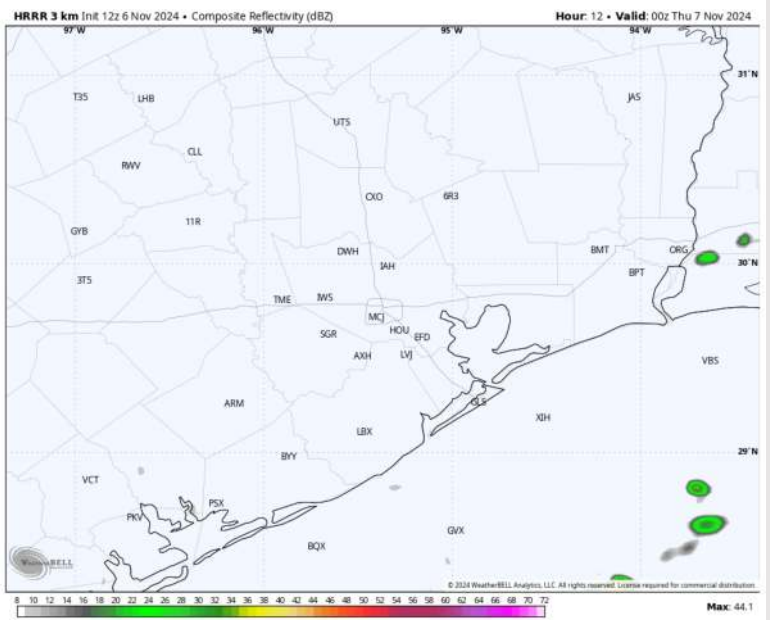
Wind	Wed 4 pm	Wed 5 pm	Wed 6 pm	Wed 7 pm	Wed 8 pm	Wed 9 pm	Wed 10 pm	Wed 11 pm	Thu 12 am	Thu 1 am	Thu 2 am	Thu 3 am	Thu 4 am	Thu 5 am	Thu 6 am	Thu 7 am	Thu 8 am	Thu 9 am	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 pm	Thu 2 pm	Thu 3 pm
Houston Pilots N - 610 Bridge	3 ←	5 ←	5 ←	5 ←	3 ←	3 ←	3 ←	3 ←	3 ←	3 ←	3 ←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

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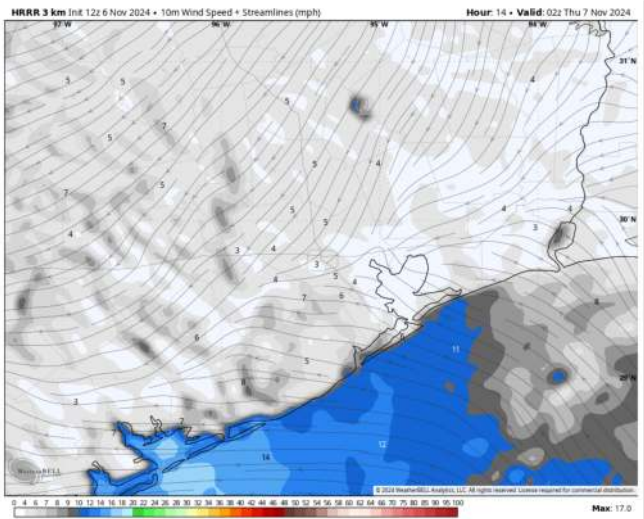
## Forecast Discussion

- Precip:** Favoring dry conditions for the rest of the day.
- Wind:** Winds will be rather variable through 5 PM, where they will settle out of the E/ESE after that time and remaining there for the rest of the day. **N of Morgan's Point:** Winds will be at 3-8 kts throughout the day. **S of Morgan's Point:** Winds will be 4 - 9 kts for the remainder of the day.
- Low Temps:** **N of Morgan's Point:** Lower 70s F. **S of Morgan's Point:** Mid 70s F.
- Visibility:** No fog concerns for any stations today.

## Precip Image: 6 PM CT

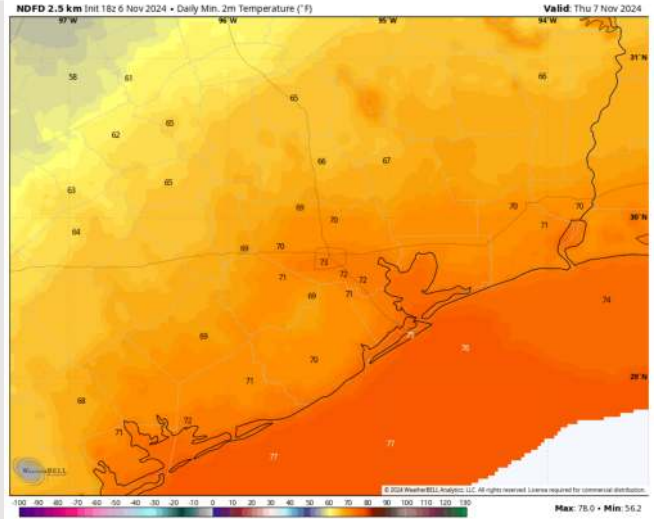


## Wind Speed 8 PM CT



Wind Speed  
8 PM CT

## Low Temps THU AM



Low Temps  
THU AM



# Houston Pilots: THU. 11/7/2024



## Forecast Discussion

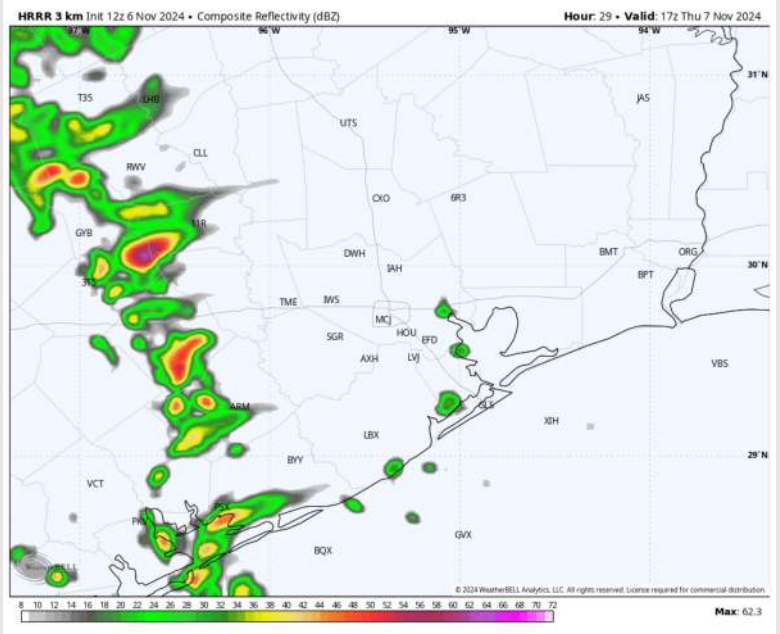
**Precip:** Isolated showers (20%) will be possible for all stations from 2AM – 12PM on Thursday. Additional scattered chances will be possible 6PM. A few downpours will be possible within this second round.

**Wind:** Winds will be generally out of the E - ESE throughout Thursday. **N of Morgan's Point:** Winds will be at 5 – 10 kts throughout Thursday. **S of Morgan's Point:** Winds will be 10 – 15 kts for the entire day.

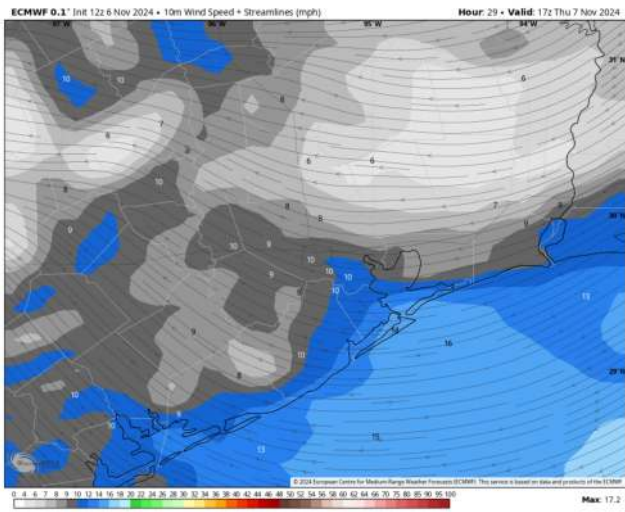
**High Temps:** **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Upper 70s F to near 80 F.

**Visibility:** No fog concerns for Stations for Thursday.

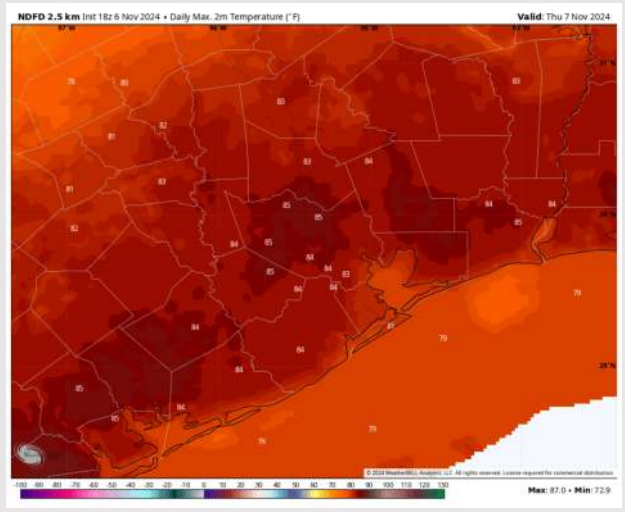
## Precip Image: 11 AM CT



Wind Speed:  
11 AM CT



High Temps  
Thursday



# Houston Pilots: FRI. 11/8/2024



## Forecast Discussion

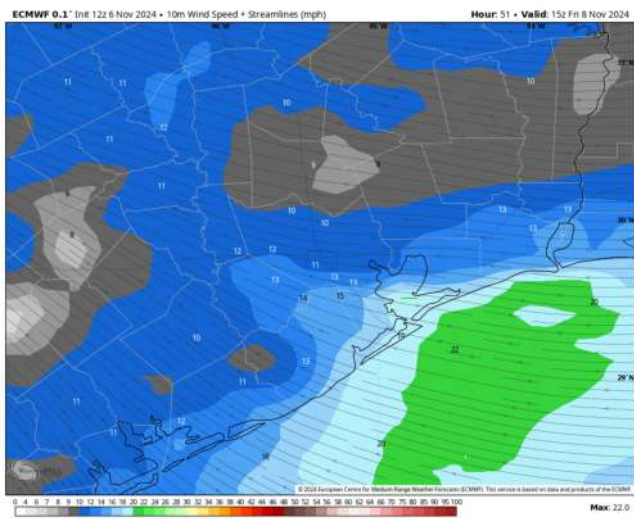
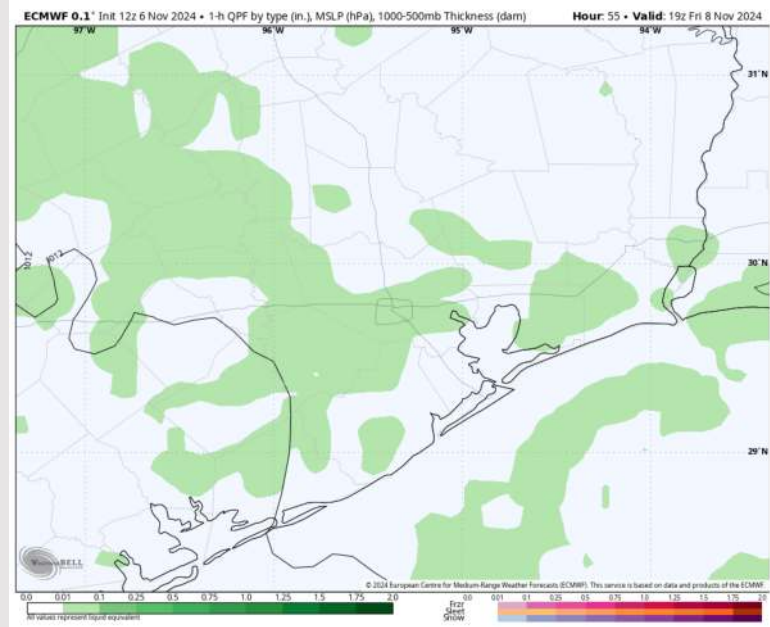
**Precip:** Scattered rain showers will be possible after 10 AM and through the day.

**Wind:** Winds will be out of the E/SE for Friday. **N of Morgan's Point:** Winds at 8 – 13 kts for the entire day. **S of Morgan's Point:** Winds at 14 – 19 kts for Friday. **Wind gusts of 20-25 kts will be possible for all Stations from 7AM – 5PM.**

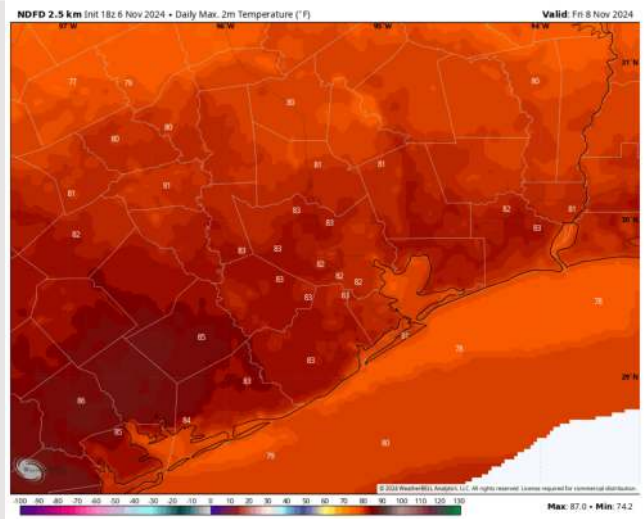
**High Temps:** **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Near 80 F.

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

## Precip Image: 1 PM CT

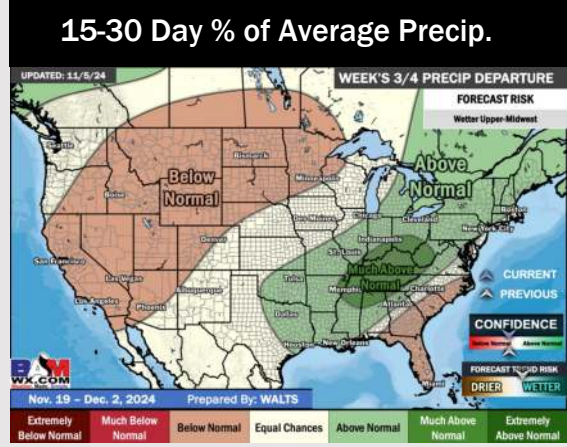
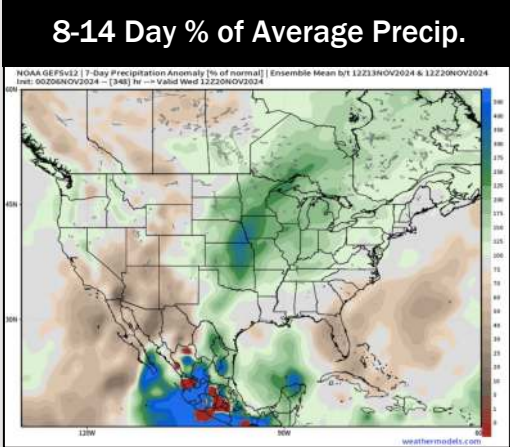
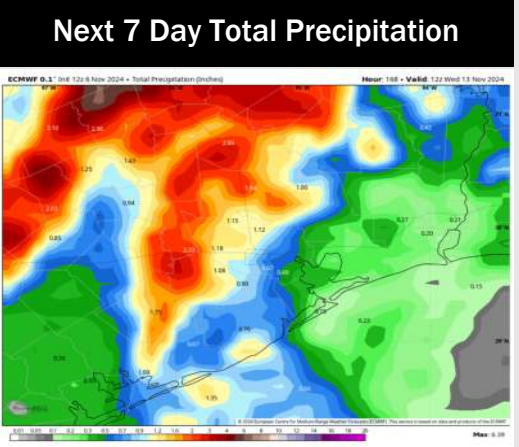
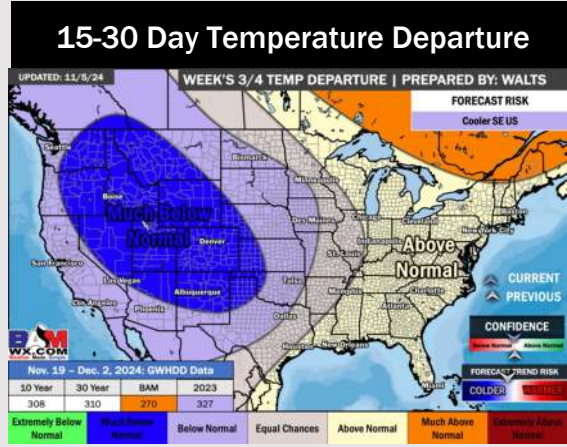
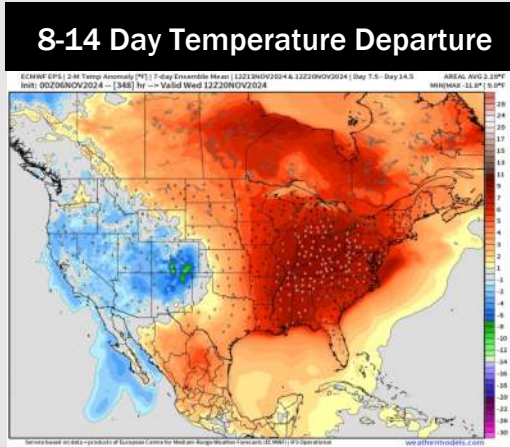
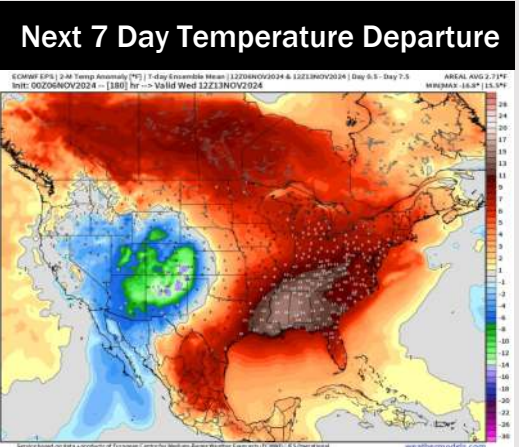


Wind Speed:  
9 AM CT



High Temps  
Friday

# Houston Pilots: 11/6/24



- 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 depending on the track of the upcoming tropical system.
- Near normal temperatures and above normal precipitation chances are expected for the weeks 3/4 timeframe.