

# Houston Pilots Forecast Package



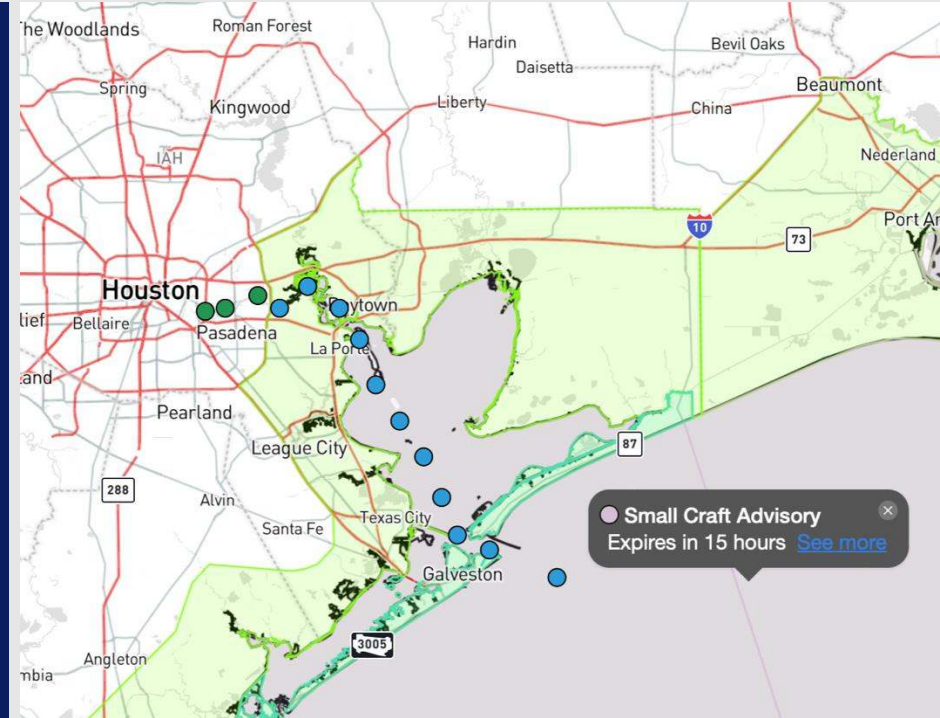
Updated: 11:30 PM CT

Monday, November 18, 2024

Forecaster: Tyler Riggles

## Weather Headlines

- **Showers/Storm chances continue today. Severe risks will possible.**
- **Non-thunderstorm wind gusts may reach 20 - 30kts at times today, especially at the Boarding Station.**
- **Wave heights are favored to reach 6'+ by 12AM MON. Check wave height slide for more information.**
- **Zulu Trigger Video Update: [Video](#)**



**Current Radar: 11:30 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

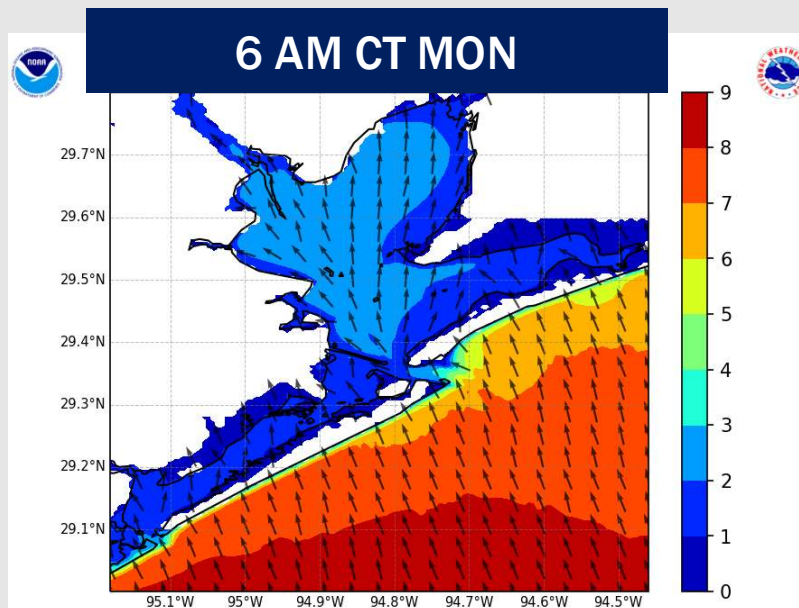
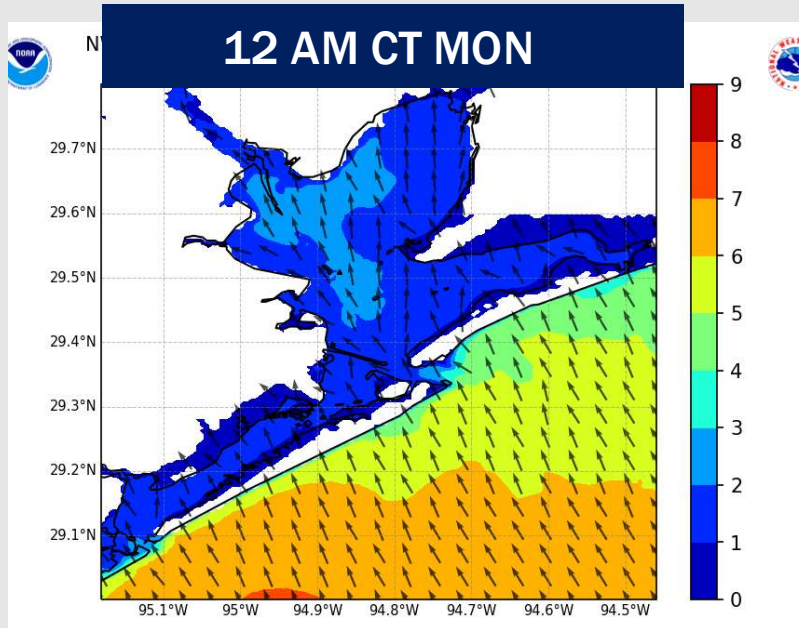


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	---	---	---
X-Ray	---	---	---
Yankee	---	---	---
Zulu	---	<b>CURRENT</b>	<b>MON 6 PM</b>

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>Passed</b>
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or <b>6' wave height</b>	<b>Passed</b>
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or <b>6' wave height</b>	<b>YES</b>

**NOTES:** Wave heights are expected to peak MON AM with wave heights of 6'-8'. Wave heights are expected to drop below 6' by 6PM on Monday.

# Wave Height Forecast Update

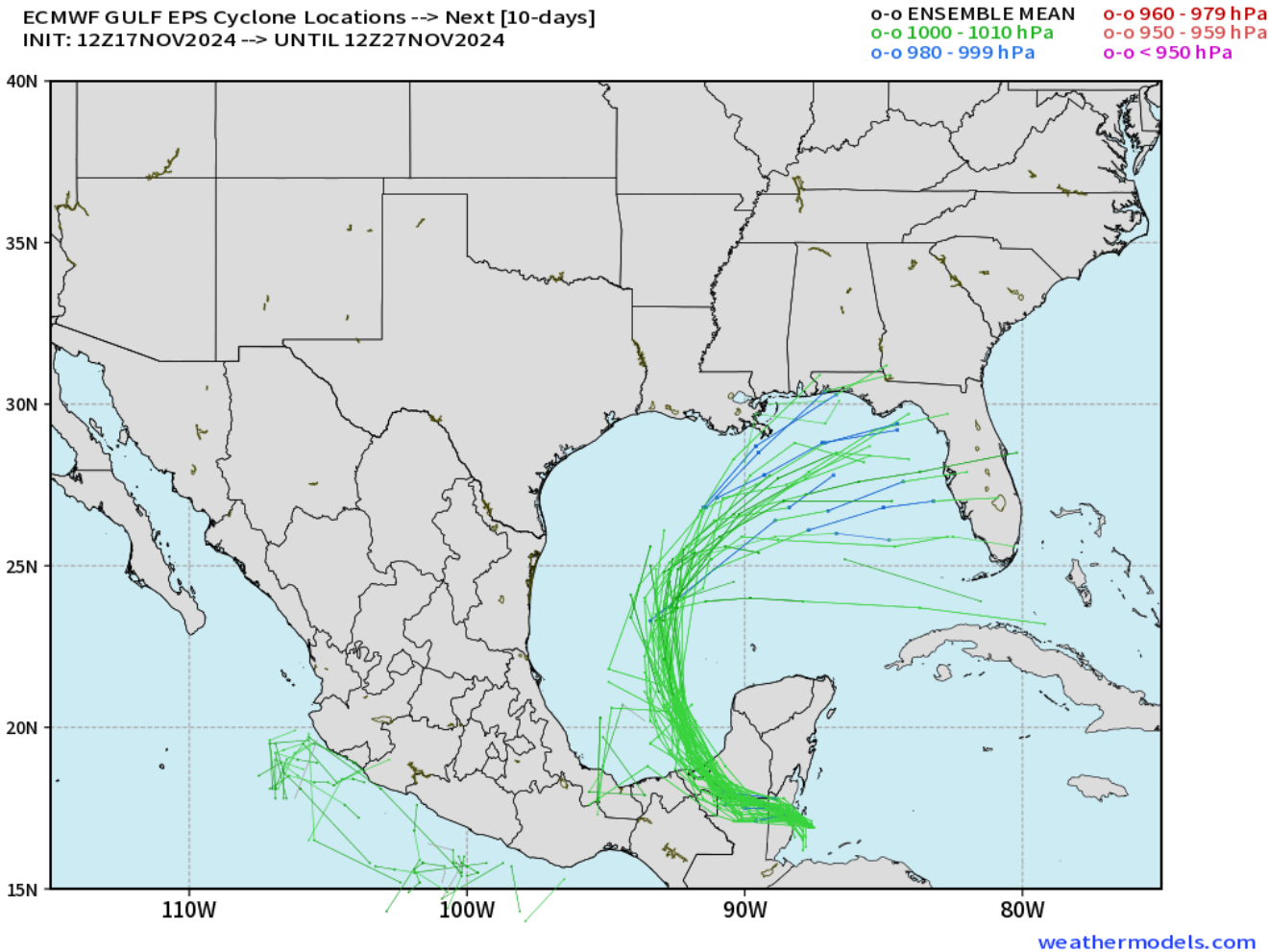


Wave heights will reach of 5' -6' by 12AM today, 6' - 7' by 3AM.

Following 9AM today wave heights are favored to decrease throughout the afternoon dipping below 6' by 6 PM.

# Houston Pilots Tropical Update

## Tropical Depression Sara Potential Tracks



**Tropical Depression Sara is favored to continue weakening and will likely dissipate over the Yucatán Peninsula**

**Confidence remains high this storm will push northeast towards Florida and not impact Houston directly.**

# Houston Pilots Extended Range Visibility Report



## Thursday 11/20/24

Fog not favored for THU.

### Forecast Confidence



## Friday 11/21/24

Fog not favored for FRI.

### Forecast Confidence



## Saturday 11/22/24

Fog not favored for SAT.

### Forecast Confidence



## Chance for Fog

Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely
Saturday AM	Unlikely
Saturday PM	Unlikely

# Houston Pilots Visibility Chart (miles)



## Forecast Confidence



Visibility	Mon 1 am	Mon 2 am	Mon 3 am	Mon 4 am	Mon 5 am	Mon 6 am	Mon 7 am	Mon 8 am	Mon 9 am	Mon 10 am	Mon 11 am	Mon 12 pm	Mon 1 pm	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
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	9	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	9	10	10	9	9	9	9	6.9	7.9	7.9	7.9	7.9	10	10
Houston Pilots F - 63/64	10	10	10	10	10	10	10	10	10	10	9	10	10	9	9	9	9	6.9	7.9	7.9	7.9	7.9	10	10
Houston Pilots E - 51/52	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	9	9	6.9	7.9	7.9	7.9	7.9	10	10
Houston Pilots D - 37/38	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	9	9	9	6.9	7.9	7.9	7.9	6.9	10	10
Houston Pilots C - 25/26	10	10	10	10	10	10	10	10	10	10	10	10	7.9	9	9	9	9	6.9	7.9	7.9	7.9	6.9	10	10
Houston Pilots B - 11/12	10	10	10	10	10	10	10	10	10	10	10	10	7.9	7.9	7.9	9	7.9	6.9	7.9	7.9	6.9	6.9	10	10
Houston Pilots A - 1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	9	7.9	7.9	7.9	9	7.9	6.9	7.9	6.9	6.9	6.9	10	10

**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	Mon 1 am	Mon 2 am	Mon 3 am	Mon 4 am	Mon 5 am	Mon 6 am	Mon 7 am	Mon 8 am	Mon 9 am	Mon 10 am	Mon 11 am	Mon 12 pm	Mon 1 pm	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
Houston Pilots N - 610 Bridge	15 28 ↖	15 28 ↖	15 28 ↖	15 28 ↖	15 26 ↖	15 26 ↖	15 26 ↖	15 29 ↖	16 29 ↖	15 29 ↖	16 32 ↖	17 32 ↖	15 32 ↖	16 32 ↖	15 31 ↖	15 29 ↖	13 24 ↖	10 20 ↖	7 15 ↖	6 13 ↖	5 10 ↖	3 9 ↖	3 8 ↖	3 8 ↖
Houston Pilots M - Kinder 1	15 29 ↖	15 29 ↖	15 28 ↖	15 28 ↖	15 28 ↖	15 28 ↖	15 28 ↖	16 29 ↖	16 29 ↖	16 29 ↖	17 32 ↖	17 32 ↖	16 32 ↖	16 32 ↖	15 31 ↖	14 29 ↖	13 24 ↖	10 20 ↖	7 15 ↖	6 13 ↖	5 10 ↖	3 9 ↖	3 8 ↖	3 8 ↖
Houston Pilots L - Greens Bayou	15 29 ↖	15 30 ↖	15 29 ↖	15 29 ↖	15 29 ↖	15 29 ↖	15 29 ↖	16 29 ↖	16 30 ↖	15 29 ↖	17 32 ↖	17 32 ↖	17 32 ↖	16 33 ↖	15 31 ↖	15 29 ↖	13 24 ↖	10 20 ↖	8 15 ↖	6 13 ↖	6 12 ↖	3 9 ↖	3 8 ↖	3 8 ↖
Houston Pilots K - Shell Crude	15 30 ↖	15 30 ↖	15 30 ↖	15 29 ↖	15 30 ↖	15 30 ↖	15 29 ↖	16 30 ↖	16 30 ↖	16 29 ↖	17 32 ↖	17 32 ↖	16 32 ↖	16 32 ↖	15 31 ↖	15 29 ↖	13 24 ↖	10 20 ↖	8 15 ↖	6 13 ↖	6 12 ↖	3 9 ↖	3 8 ↖	3 8 ↖
Houston Pilots J - Lynchburg Ferries	15 30 ↖	15 30 ↖	15 30 ↖	15 29 ↖	15 30 ↖	15 30 ↖	15 29 ↖	16 31 ↖	16 31 ↖	16 29 ↖	18 32 ↖	18 32 ↖	18 33 ↖	18 33 ↖	17 32 ↖	15 29 ↖	13 24 ↖	10 20 ↖	8 15 ↖	6 13 ↖	5 12 ↖	3 9 ↖	3 8 ↖	3 7 ↖
Houston Pilots I - Exxon 3	23 31 ↖	23 31 ↖	23 31 ↖	22 30 ↖	23 31 ↖	22 31 ↖	22 30 ↖	22 31 ↖	21 31 ↖	20 29 ↖	21 31 ↖	20 31 ↖	18 30 ↖	18 30 ↖	17 29 ↖	17 28 ↖	16 24 ↖	14 21 ↖	10 17 ↖	10 15 ↖	8 13 ↖	8 12 ↖	7 10 ↖	6 9 ↖
Houston Pilots H - Morgans Point	22 31 ↖	23 31 ↖	22 31 ↖	22 30 ↖	22 31 ↖	22 31 ↖	22 30 ↖	22 31 ↖	21 31 ↖	20 29 ↖	21 31 ↖	20 31 ↖	18 30 ↖	18 30 ↖	17 29 ↖	17 26 ↖	15 24 ↖	14 21 ↖	10 17 ↖	10 15 ↖	8 13 ↖	8 12 ↖	7 10 ↖	6 9 ↖
Houston Pilots G - 75/76	24 35 ↖	25 36 ↖	24 36 ↖	24 36 ↖	25 36 ↖	25 36 ↖	24 35 ↖	24 35 ↖	23 33 ↖	22 31 ↖	22 32 ↖	21 32 ↖	20 31 ↖	20 31 ↖	18 30 ↖	18 29 ↖	17 26 ↖	15 22 ↖	13 17 ↖	10 16 ↖	10 15 ↖	8 13 ↖	8 12 ↖	8 10 ↖
Houston Pilots F - 63/64	24 33 ↖	25 36 ↖	25 36 ↖	24 36 ↖	25 36 ↖	25 36 ↖	24 35 ↖	24 35 ↖	24 35 ↖	22 31 ↖	22 32 ↖	21 32 ↖	18 31 ↖	20 31 ↖	20 30 ↖	18 29 ↖	17 26 ↖	15 22 ↖	13 17 ↖	10 16 ↖	10 15 ↖	8 13 ↖	8 12 ↖	8 10 ↖
Houston Pilots E - 51/52	24 33 ↖	25 35 ↖	25 36 ↖	24 36 ↖	25 36 ↖	25 37 ↖	24 35 ↖	24 36 ↖	23 35 ↖	22 35 ↖	21 32 ↖	20 32 ↖	20 31 ↖	20 30 ↖	20 30 ↖	18 29 ↖	17 25 ↖	15 22 ↖	13 18 ↖	12 17 ↖	10 15 ↖	8 13 ↖	8 12 ↖	8 12 ↖
Houston Pilots D - 37/38	24 33 ↖	24 35 ↖	24 36 ↖	24 36 ↖	25 36 ↖	25 37 ↖	24 35 ↖	24 36 ↖	23 35 ↖	22 35 ↖	22 32 ↖	21 32 ↖	20 31 ↖	20 30 ↖	20 30 ↖	18 28 ↖	17 25 ↖	15 22 ↖	13 18 ↖	12 17 ↖	10 15 ↖	8 14 ↖	8 13 ↖	8 12 ↖
Houston Pilots C - 25/26	23 33 ↖	24 36 ↖	24 36 ↖	24 35 ↖	24 37 ↖	24 37 ↖	24 36 ↖	24 36 ↖	23 35 ↖	22 32 ↖	21 32 ↖	20 32 ↖	18 30 ↖	20 30 ↖	20 28 ↖	18 25 ↖	17 22 ↖	15 22 ↖	13 18 ↖	12 17 ↖	10 15 ↖	8 14 ↖	8 13 ↖	8 12 ↖
Houston Pilots B - 11/12	21 33 ↖	22 35 ↖	22 35 ↖	22 36 ↖	22 36 ↖	22 36 ↖	22 35 ↖	22 35 ↖	22 35 ↖	20 31 ↖	20 32 ↖	20 31 ↖	17 29 ↖	18 29 ↖	17 28 ↖	17 26 ↖	15 24 ↖	14 22 ↖	12 20 ↖	10 17 ↖	9 15 ↖	8 14 ↖	8 13 ↖	7 12 ↖
Houston Pilots A - 1 & 2 Bravo	24 35 ↖	25 37 ↖	26 37 ↖	25 37 ↖	26 37 ↖	26 37 ↖	25 37 ↖	25 37 ↖	24 36 ↖	23 33 ↖	22 33 ↖	21 32 ↖	20 30 ↖	20 30 ↖	20 30 ↖	18 28 ↖	17 25 ↖	16 23 ↖	15 21 ↖	14 18 ↖	13 16 ↖	10 15 ↖	10 15 ↖	9 15 ↖

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# Houston Pilots: MON. 11/18/2024



## Forecast Discussion

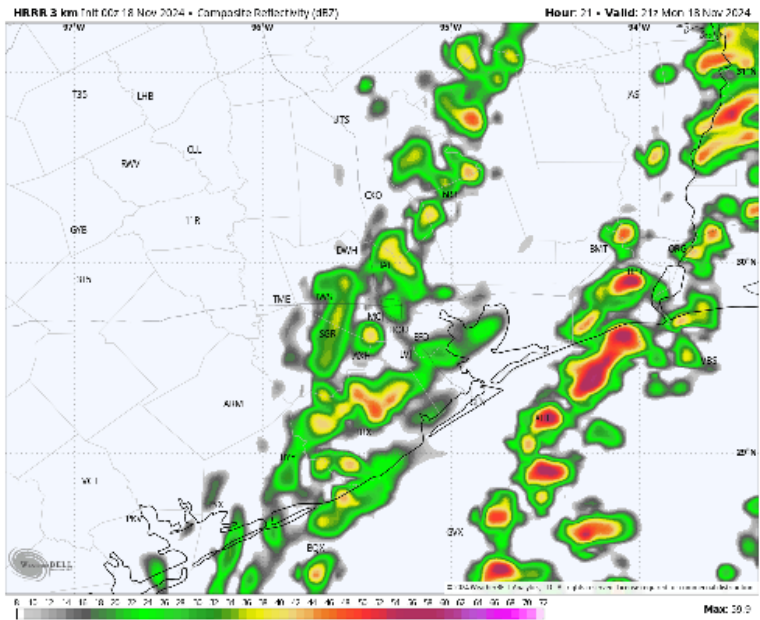
**Precip:** Isolated showers are favored through 2 PM before a line of showers/storms will enter after that. **Severe storms will be possible within this line with threats of hail and wind gusts of 35-50 kts. An isolated tornado cannot be ruled out.**

**Wind:** Winds will be out of the S/SE through 6 PM, shifting out of the W/NW after then. **N of Morgan's Point:** Winds will be at 11 - 16 kts through 6 PM before decreasing to 3 - 8 kts for the rest of the day. **S of Morgan's Point:** Winds will be at 20 - 25 kts through 7 PM before decreasing to 8 - 13 kts for the evening. **Non-thunderstorm wind gusts of 25-30 kts will be possible for stations S of Morgan's point.**

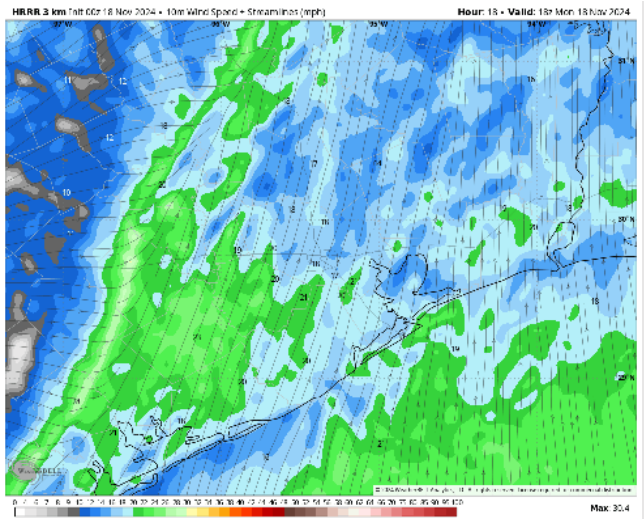
**High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s F to low 80s F.

**Visibility:** No fog concerns for today. Heavy showers/storms can reduce visibilities briefly.

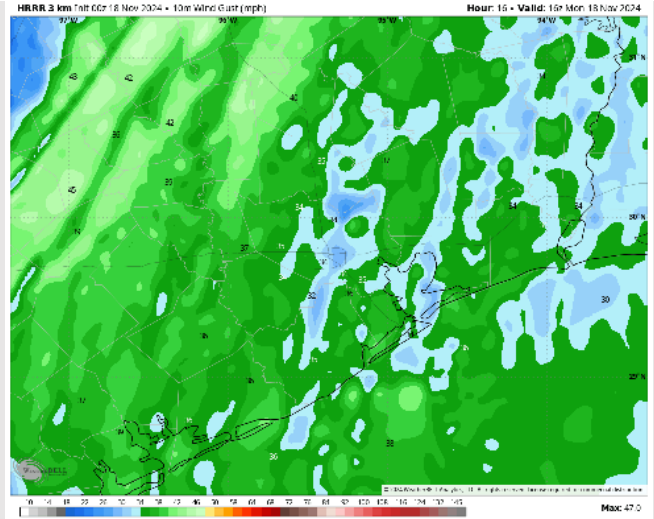
## Precip Image: 3 PM CT



Wind Speed  
12 PM CT



Max Wind  
Gusts Today





## Forecast Discussion

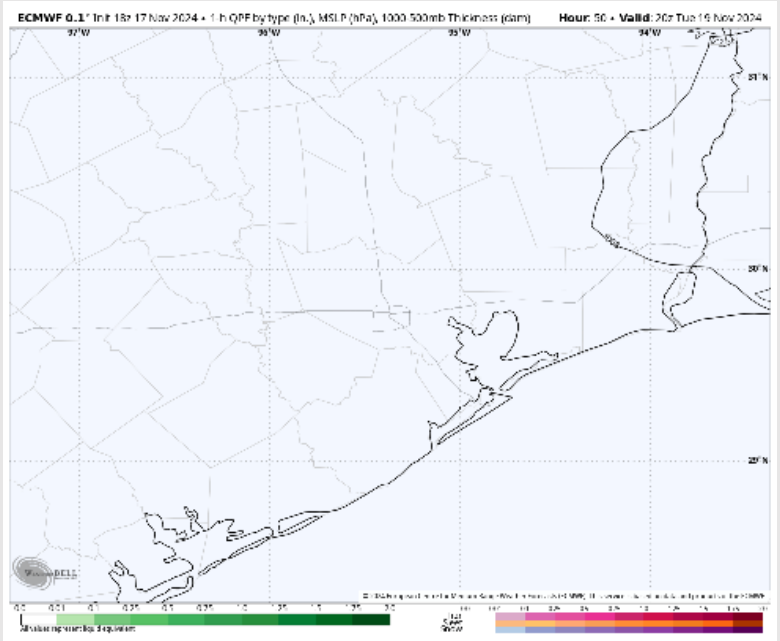
**Precip:** Favoring dry conditions through Tuesday.

**Wind:** Winds will be out of the NW throughout the day Tuesday. **N of Morgan's Point:** Winds will be at 2 - 7 kts throughout the day. **S of Morgan's Point:** Winds will be at 3 - 9 kts through Tuesday.

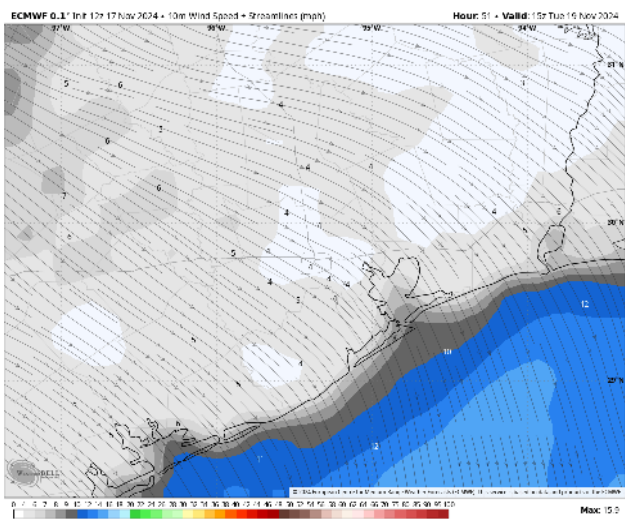
**High Temps:** **N of Morgan's Point:** Near 80 F. **S of Morgan's Point:** Mid to Upper 70s F.

**Visibility:** No visibility concerns for Tuesday.

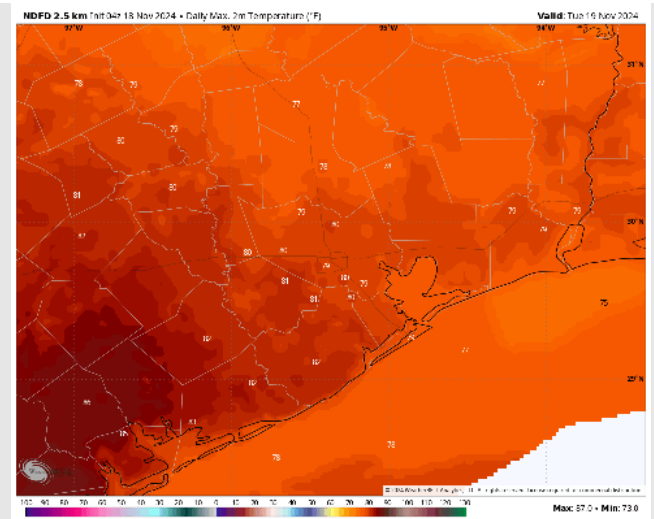
## Precip Image: 2 PM CT



Wind Speed:  
9 AM CT



High Temps  
Tuesday



# Houston Pilots: WED. 11/20/2024



## Forecast Discussion

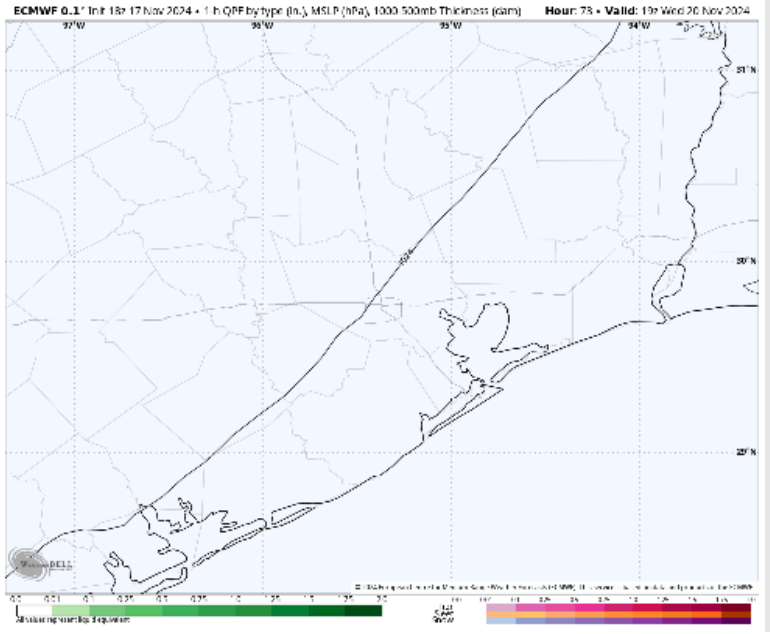
**Precip:** Favoring dry conditions for Wednesday.

**Wind:** Winds will be out of the N/NW throughout the day. **N of Morgan's Point:** Winds at 3– 8 kts through 8 AM, increasing to 6 – 11 kts through 5 PM before returning to 3 – 8 kts. **S of Morgan's Point:** Winds at 6 – 11 kts through 4 AM, increasing to 15 – 20 kts after that time and remaining at that clip through the remainder of the day. **Wind gusts of 21 – 26 kts in play for Stations S of Morgan's Point after 4 AM.**

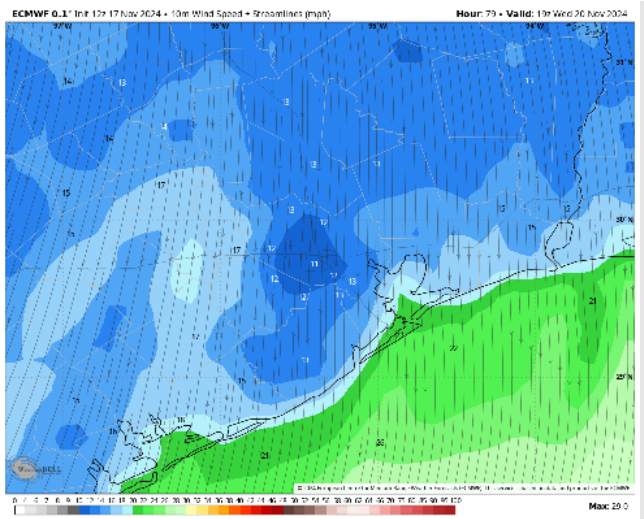
**High Temps:** **N of Morgan's Point:** Upper 60s / Near 70 F. **S of Morgan's Point:** Upper 60s / Near 70 F.

**Visibility:** No visibility concerns for Wednesday.

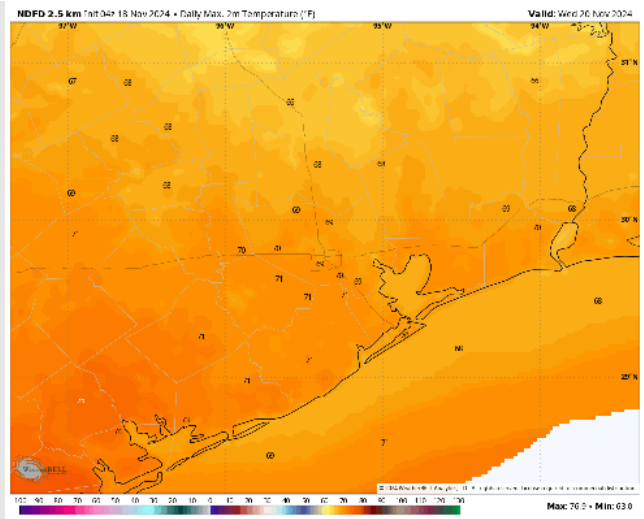
## Precip Image: 1 PM CT



Wind Speed:  
1 PM CT



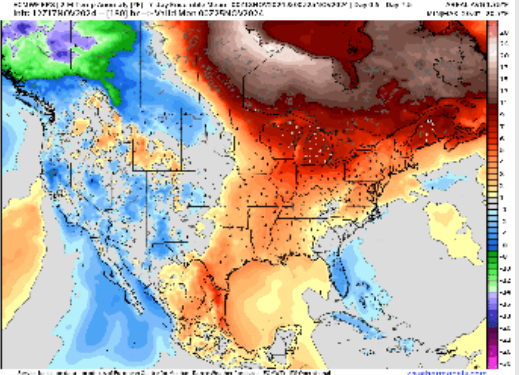
High Temps  
Wednesday



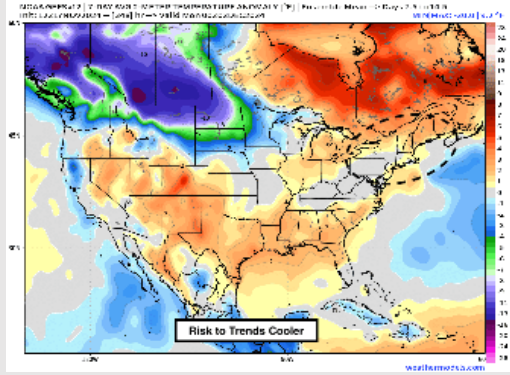
# Houston Pilots: 11/18/24



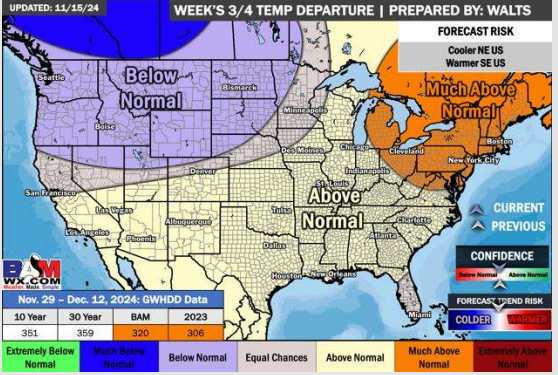
**Next 7 Day Temperature Departure**



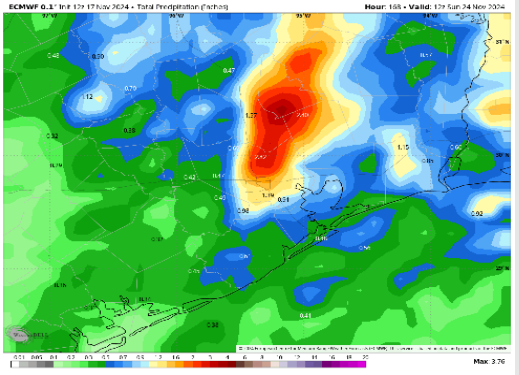
**8-14 Day Temperature Departure**



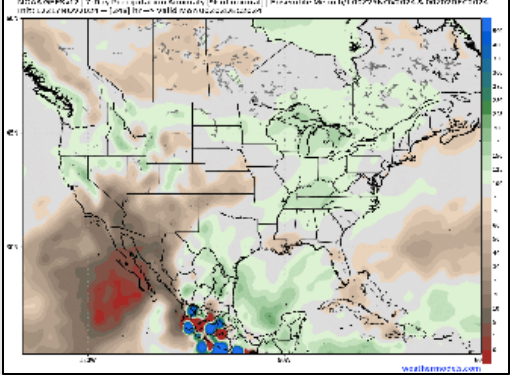
**15-30 Day Temperature Departure**



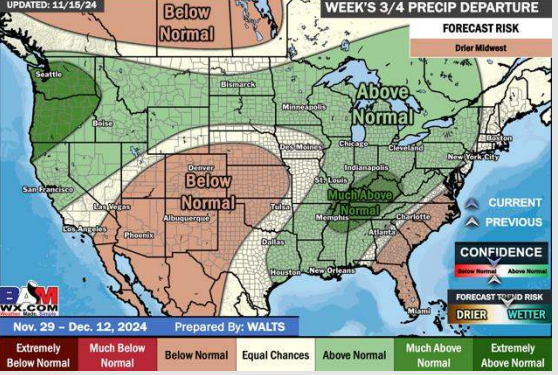
**Next 7 Day Total Precipitation**



**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 and storm chances for the beginning of the week 1 timeframe.
- Below normal temperatures are favored for week 2. Favoring precipitation to be below normal.
- Above normal temperatures and above normal precipitation chances are expected for the weeks 3/4 timeframe.