

Houston Pilots Forecast Package



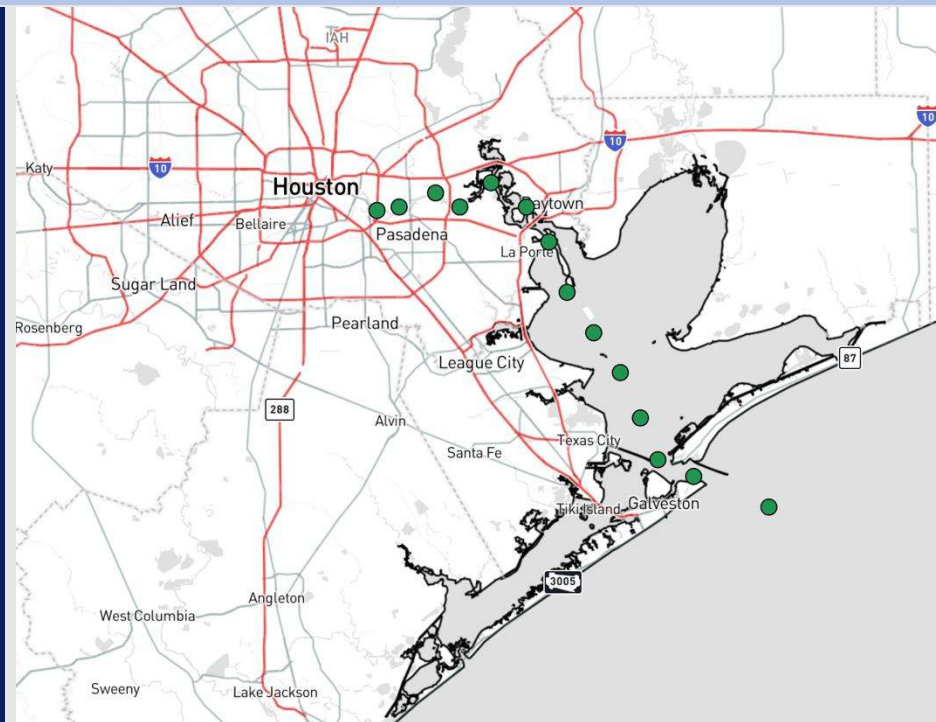
Updated: 1:50 PM CT

Thursday, November 7, 2024

Forecaster: Adam Feick

Weather Headlines

- A few wind gusts of above 20 kts for stations S. of Morgan's Point will be in play for Friday.
- **X-Ray trigger has been met! See Port Trigger Update below!**
- **[Click here for most recent Hurricane Rafael video update! As of THU PM](#)**



Current Radar: 1:45 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

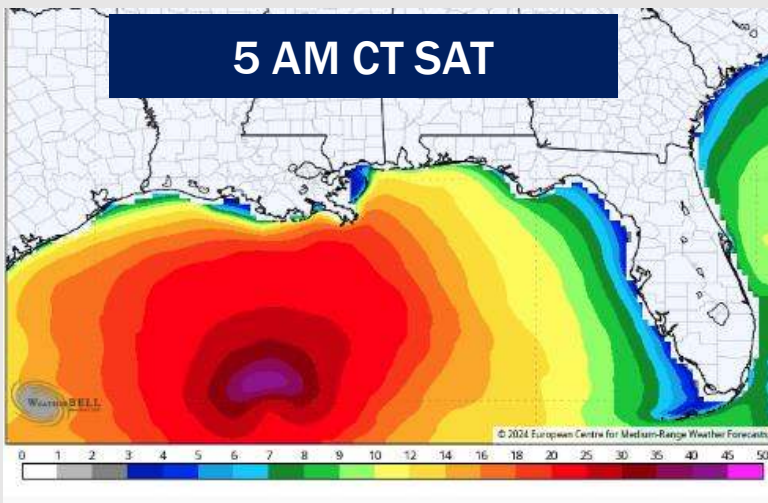
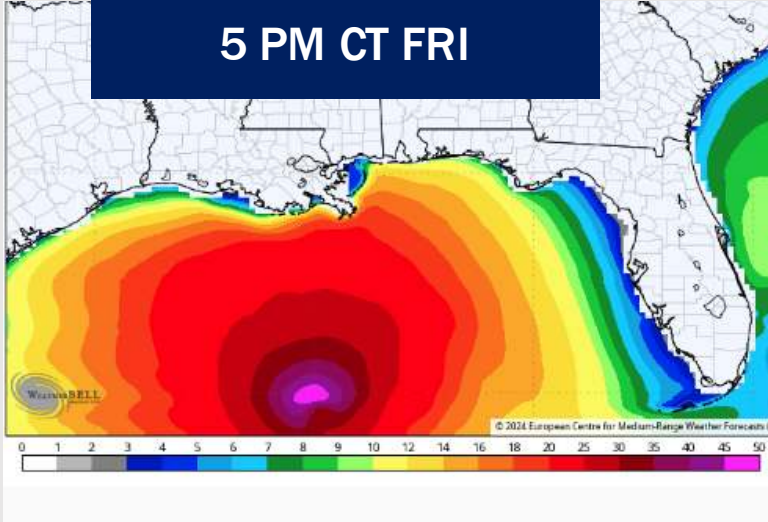


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	---	---	---
Whiskey	---	---	---
X-Ray	---	CURRENT	FRI 5 AM
Yankee	---	FRI 5 AM	FRI 5 PM
Zulu	---	FRI 5 PM	MON 5 AM

Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	NO
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	NO
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: Rafael has entered the Gulf of Mexico. Wave heights and gusty winds will continue to increase through Saturday for HOU. Wave heights of at least 6' can be expected beginning 5 AM SAT. The increased winds and wave heights are expected to linger through MON AM.

Wave Height Forecast Update



Wave heights will increase through the rest of the day THU at the Boarding Station reaching 3'- 4' by 5 PM and then 4' - 5' by 5 AM FRI.

Wave heights at the Boarding Station will peak at 6' come 5 AM SAT.

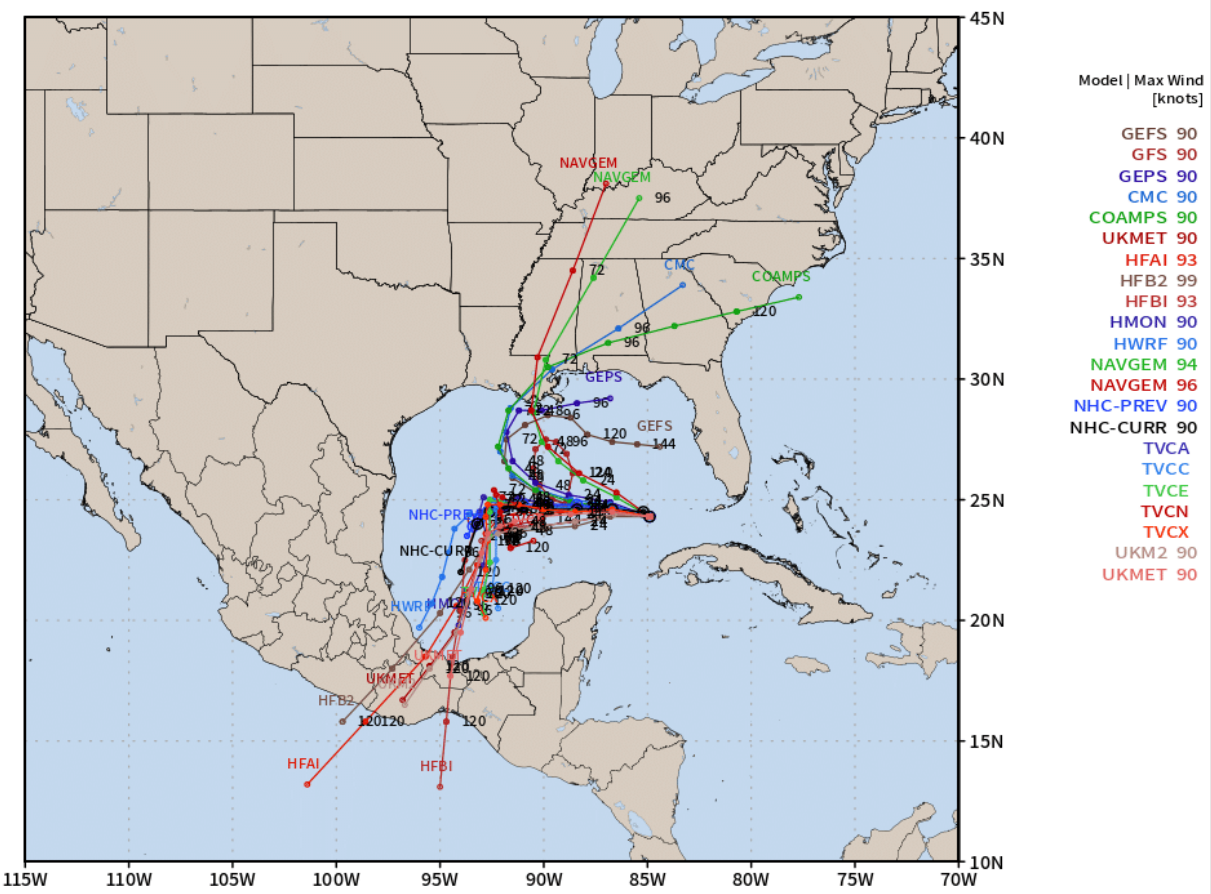
Wave heights are expected to drop to 3' - 5' MON 5 AM.

Houston Pilots Tropical Update



Tropical Storm/Hurricane Tracks - Rafael

AL18 RAFAEL Guidance valid: 2024110712



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>

Hurricane Rafael continues to push WNW further into the Gulf of Mexico.

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

Confidence remains low on exact track / landfall, with data remaining split on a northward / southward track.

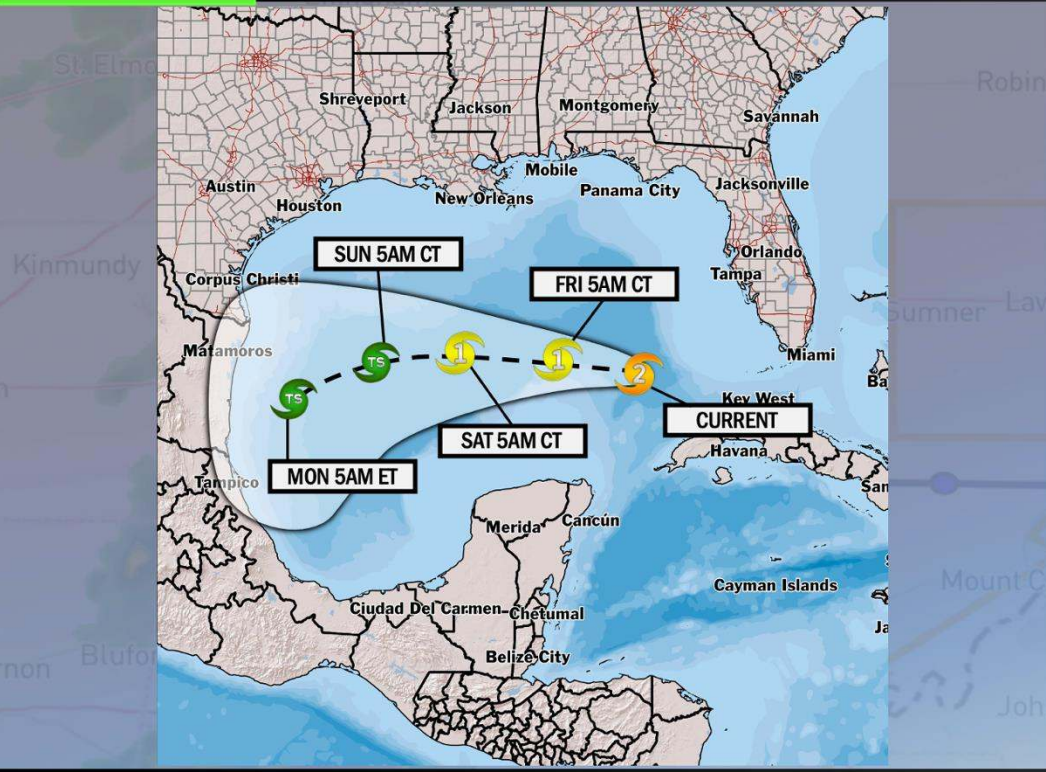
Our latest track (next slide) is leaning more towards a southerly solution.

Houston Pilots Tropical Update



CLARITY Hurricane Rafael Update

TROPICAL INSIGHT 12:30 PM CT Thursday, November 7, 2024 Forecaster: Elliott



TIMING: THU 11/7 – MON 11/11

FORECAST NOTES:

- ✓ Rafael is favored to continue as a hurricane through the Gulf, weakening into a tropical storm SAT PM into SUN AM.
- ✓ While confidence remains low on the exact track of this storm, at this time far S. TX and Mexico are the areas to watch for the risk of direct impacts.



Houston Pilots Extended Range Visibility Report



Sunday 11/10/24

Fog not favored for SUN.

Forecast Confidence



Tuesday 11/12/24

Fog not favored for TUE.

Forecast Confidence



Monday 11/11/24

Fog not favored for MON.

Forecast Confidence



Chance for Fog

Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Thu 2 pm	Thu 3 pm	Thu 4 pm	Thu 5 pm	Thu 6 pm	Thu 7 pm	Thu 8 pm	Thu 9 pm	Thu 10 pm	Thu 11 pm	Fri 12 am	Fri 1 am	Fri 2 am	Fri 3 am	Fri 4 am	Fri 5 am	Fri 6 am	Fri 7 am	Fri 8 am	Fri 9 am	Fri 10 am	Fri 11 am	Fri 12 pm	Fri 1 pm
Houston Pilots N - 610 Bridge	10	10	10	10	10	10	10	10	10	10	10	9	9	10	10	7.9	6.9	5.9	4.9	5.9	10	10	10	10
Houston Pilots M - Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	4.9	5.9	10	10	10	10
Houston Pilots L - Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	4.9	5.9	9	10	10	10
Houston Pilots K - Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	4.9	5.9	9	10	10	10
Houston Pilots J - Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	7.9	6.9	5.9	4.9	5.9	9	10	10	10
Houston Pilots I - Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	4.9	5.9	9	10	10	10
Houston Pilots H - Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	4.9	5.9	9	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	7.9	6.9	6.9	9	10	9	9
Houston Pilots F - 63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	9	10	9	9
Houston Pilots E - 51/52	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	9	9	9	9
Houston Pilots D - 37/38	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6.9	6.9	7.9	9	9	9
Houston Pilots C - 25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6.9	6.9	7.9	9	9	9
Houston Pilots B - 11/12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6.9	6.9	6.9	9	9	9
Houston Pilots A - 1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6.9	6.9	6.9	6.9	9	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	Thu 2 pm	Thu 3 pm	Thu 4 pm	Thu 5 pm	Thu 6 pm	Thu 7 pm	Thu 8 pm	Thu 9 pm	Thu 10 pm	Thu 11 pm	Fri 12 am	Fri 1 am	Fri 2 am	Fri 3 am	Fri 4 am	Fri 5 am	Fri 6 am	Fri 7 am	Fri 8 am	Fri 9 am	Fri 10 am	Fri 11 am	Fri 12 pm	Fri 1 pm	
Houston Pilots N - 610 Bridge	8 17 ←	8 17 ←	8 17 ←	8 16 ←	8 15 ←	6 13 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 14 ←	7 15 ←	8 15 ←	8 16 ←	8 16 ←	8 17 ←	9 17 ←	9 17 ←	10 18 ←	10 20 ←	10 20 ←	10 21 ←	10 21 ←	10 21 ←	
Houston Pilots M - Kinder 1	8 17 ←	8 17 ←	8 17 ←	8 16 ←	8 14 ←	6 13 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 14 ←	7 15 ←	8 15 ←	8 16 ←	8 16 ←	8 17 ←	9 17 ←	9 17 ←	10 18 ←	10 20 ←	10 20 ←	10 21 ←	10 21 ←	10 21 ←	
Houston Pilots L - Greens Bayou	8 17 ←	8 17 ←	8 17 ←	8 15 ←	7 14 ←	6 12 ←	6 12 ←	5 12 ←	6 12 ←	6 13 ←	6 14 ←	7 15 ←	8 15 ←	8 16 ←	8 17 ←	8 17 ←	9 18 ←	9 18 ←	10 20 ←	10 20 ←	10 20 ←	10 21 ←	10 21 ←	10 21 ←	
Houston Pilots K - Shell Crude	8 17 ←	8 17 ←	8 17 ←	8 15 ←	7 14 ←	6 12 ←	6 12 ←	5 12 ←	6 12 ←	6 13 ←	6 14 ←	7 15 ←	8 15 ←	8 16 ←	8 17 ←	8 18 ←	9 18 ←	9 18 ←	10 20 ←	10 20 ←	10 20 ←	10 21 ←	10 21 ←	10 21 ←	
Houston Pilots J - Lynchburg Ferries	8 16 ←	8 16 ←	8 16 ←	8 15 ←	7 13 ←	6 12 ←	5 10 ←	5 10 ←	5 10 ←	6 10 ←	6 12 ←	6 13 ←	7 15 ←	8 15 ←	8 16 ←	8 17 ←	8 18 ←	8 18 ←	9 20 ←	10 20 ←	10 20 ←	10 21 ←	10 21 ←	10 20 ←	
Houston Pilots I - Exxon 3	10 17 ←	10 17 ←	10 17 ←	10 15 ←	9 14 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	9 14 ←	10 15 ←	12 16 ←	13 17 ←	13 18 ←	14 20 ←	14 20 ←	14 21 ←	14 21 ←	14 21 ←	14 21 ←	14 21 ←	14 21 ←	14 21 ←	13 21 ←	
Houston Pilots H - Morgans Point	10 17 ←	10 17 ←	10 17 ←	10 15 ←	9 14 ←	8 13 ←	8 13 ←	8 13 ←	8 13 ←	9 14 ←	10 15 ←	12 16 ←	13 17 ←	13 18 ←	14 20 ←	14 20 ←	14 21 ←	14 21 ←	14 22 ←	14 21 ←	14 21 ←	14 22 ←	13 21 ←	13 21 ←	
Houston Pilots G - 75/76	10 17 ←	10 17 ←	10 17 ←	10 16 ←	10 15 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	10 15 ←	12 16 ←	13 18 ←	14 20 ←	15 21 ←	15 22 ←	16 23 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	16 23 ←	15 23 ←	15 23 ←	14 22 ←	
Houston Pilots F - 63/64	10 17 ←	10 17 ←	10 17 ←	10 16 ←	10 14 ←	9 14 ←	9 14 ←	9 14 ←	9 14 ←	10 15 ←	12 16 ←	13 18 ←	14 20 ←	15 21 ←	15 22 ←	16 23 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	15 23 ←	15 23 ←	14 22 ←	
Houston Pilots E - 51/52	10 17 ←	10 17 ←	10 17 ←	10 17 ←	10 16 ←	9 15 ←	9 15 ←	9 15 ←	9 15 ←	10 15 ←	10 16 ←	13 18 ←	13 20 ←	15 21 ←	15 22 ←	16 23 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	15 24 ←	15 24 ←	15 24 ←	
Houston Pilots D - 37/38	10 17 ←	10 17 ←	10 17 ←	10 17 ←	10 16 ←	9 15 ←	9 15 ←	9 15 ←	10 15 ←	10 15 ←	10 16 ←	13 17 ←	13 20 ←	14 21 ←	15 22 ←	15 23 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	15 24 ←	15 24 ←	15 23 ←	
Houston Pilots C - 25/26	10 17 ←	10 17 ←	10 17 ←	10 17 ←	10 16 ←	9 15 ←	9 15 ←	9 15 ←	9 15 ←	10 16 ←	10 16 ←	12 17 ←	13 20 ←	14 21 ←	15 22 ←	15 23 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	16 24 ←	15 24 ←	15 24 ←	15 24 ←	
Houston Pilots B - 11/12	10 17 ←	10 17 ←	10 17 ←	10 16 ←	10 15 ←	9 16 ←	8 16 ←	8 15 ←	8 15 ←	9 16 ←	9 16 ←	10 17 ←	12 20 ←	13 21 ←	13 22 ←	14 23 ←	14 23 ←	15 24 ←	15 24 ←	15 24 ←	15 24 ←	15 23 ←	15 23 ←	14 22 ←	
Houston Pilots A - 1 & 2 Bravo	12 18 ←	12 18 ←	12 18 ←	12 18 ←	10 17 ←	10 17 ←	10 17 ←	10 17 ←	10 17 ←	12 17 ←	12 17 ←	13 18 ←	13 20 ←	14 21 ←	15 23 ←	16 24 ←	17 24 ←	17 25 ←	17 25 ←	17 25 ←	17 25 ←	17 25 ←	17 25 ←	16 25 ←	15 23 ←

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Forecast Discussion

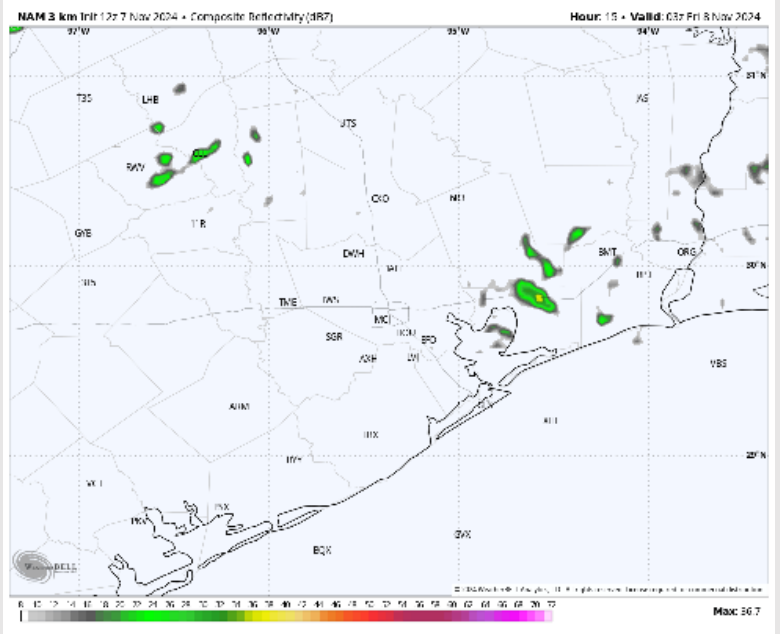
Precip: Isolated showers/drizzle (20%) will be possible through the rest of the day.

Wind: Winds will be out of the ESE through the rest of the day. **N of Morgan's Point:** Winds will be at 4 – 8. **S of Morgan's Point:** Winds will be 5 – 10 kts for the rest of the day.

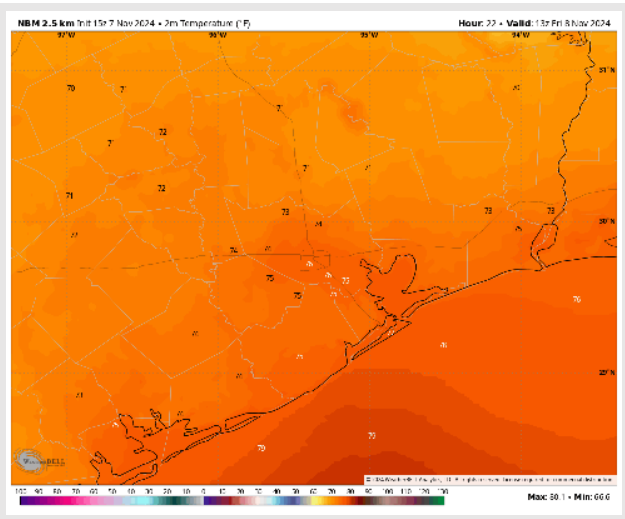
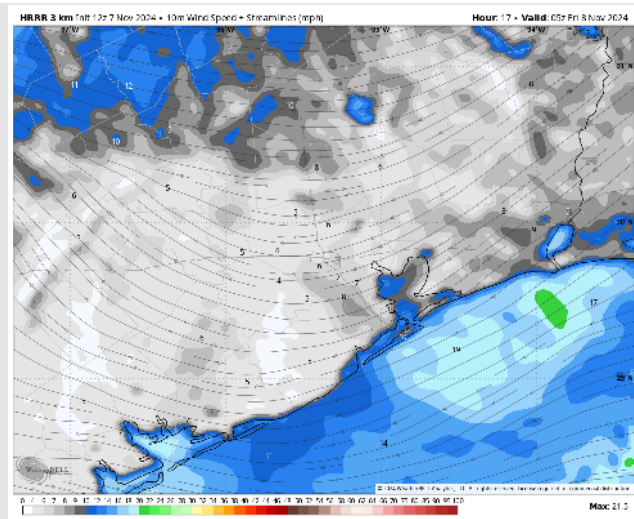
Low Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 70s F.

Visibility: Not anticipating any fog concerns for the rest of the day.

Precip Image: 9 PM CT



Wind Speed:
11 PM CT



Low Temps
FRI AM

Houston Pilots: FRI. 11/8/2024



Forecast Discussion

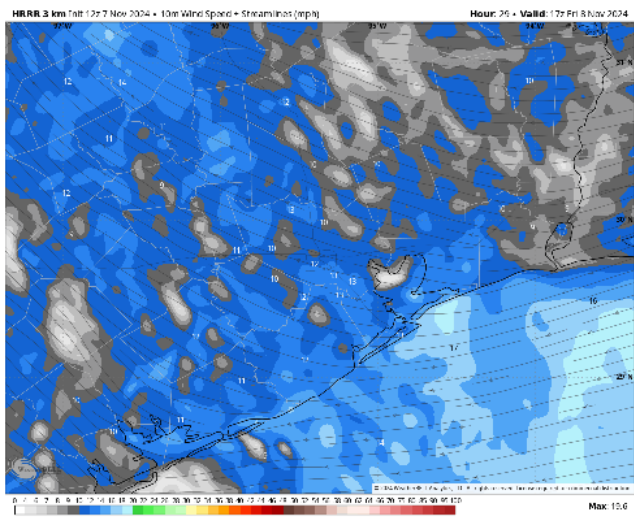
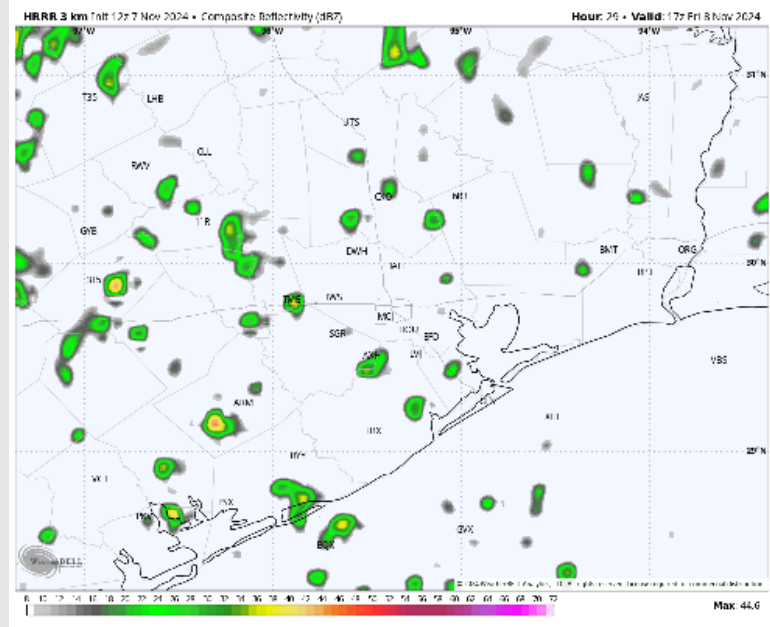
Precip: Isolated, light rain showers (20%) will be possible after 12AM through 6PM. Confidence lower on coverage / timing at this time.

Wind: Winds will remain out of the ESE for the day on Friday. **N of Morgan's Point:** Winds at 8 – 13 kts for the entire day. **S of Morgan's Point:** Winds at 10 – 17 kts through the day. **Wind gusts of 20-25 kts will be possible for all Stations from 7AM – 5PM.**

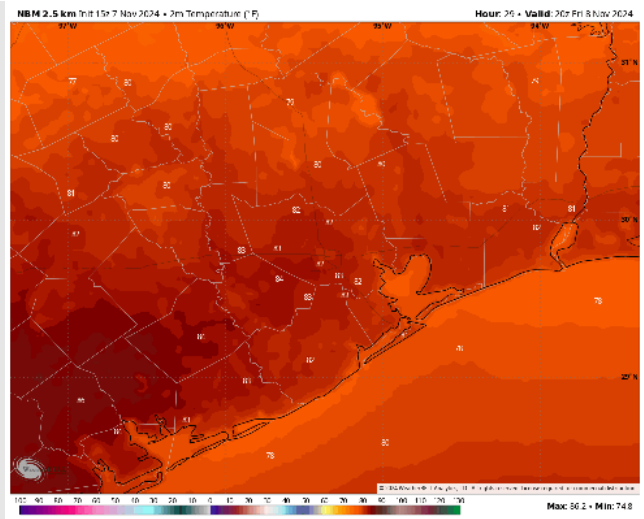
High Temps: **N of Morgan's Point:** Lower 80 F. **S of Morgan's Point:** Upper 70 F and lower 80 F

Visibility: Not anticipating any fog concerns for Friday.

Precip Image: 11 AM CT



Wind Speed:
10 AM CT



High Temps
Friday

Houston Pilots: SAT. 11/9/2024



Forecast Discussion

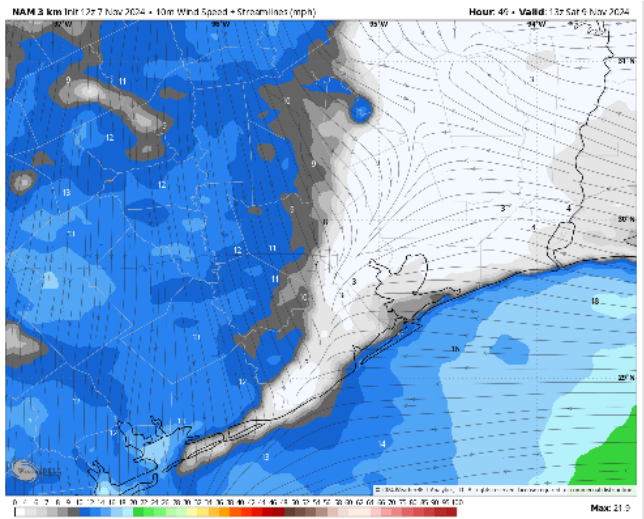
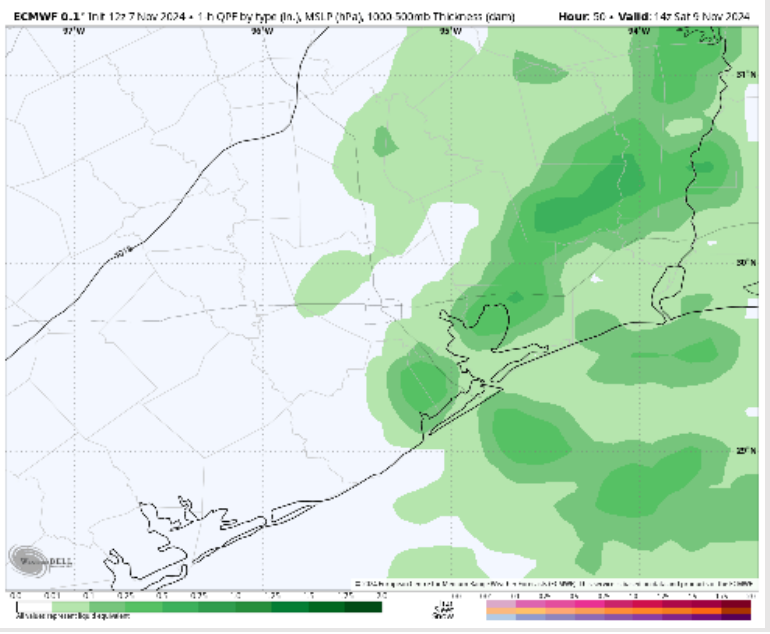
Precip: Scattered to Widespread Showers favored to work in after 12 AM and will last through 10 AM. A few isolated light showers will linger through 6 PM.

Wind: Winds will be out of the NNE for the entire day on Saturday. **N of Morgan's Point:** Winds will be at 4 - 9 kts throughout Saturday. **S of Morgan's Point:** Winds will be at 6 - 11 kts through the day on Saturday.

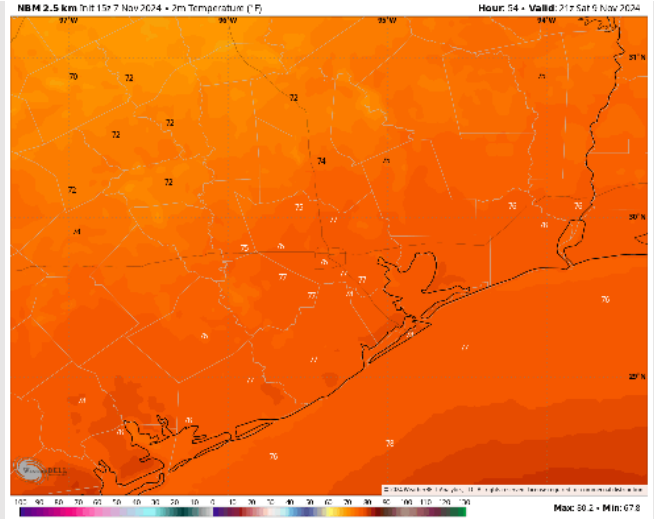
High Temps: **N of Morgan's Point:** Upper 70s. **S of Morgan's Point:** Mid to upper 70s F.

Visibility: No fog concerns for stations on Saturday.

Precip Image: 7 AM CT

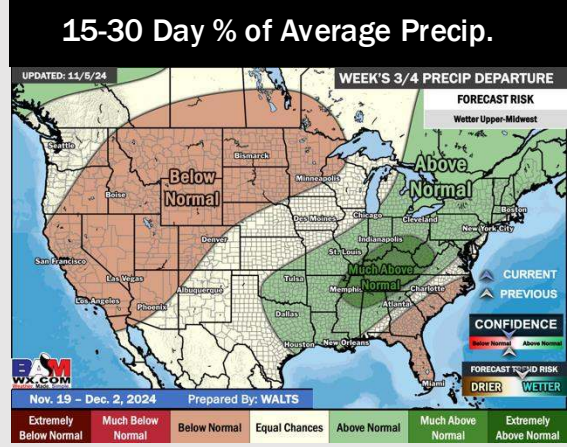
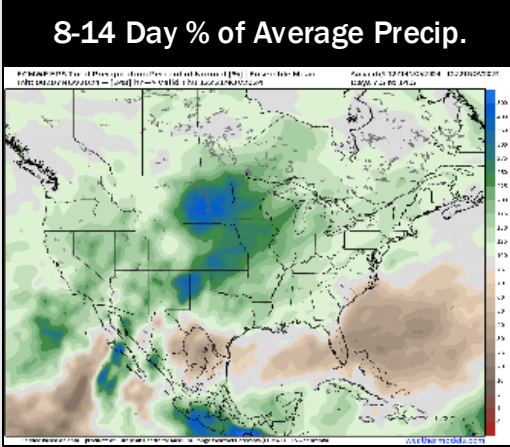
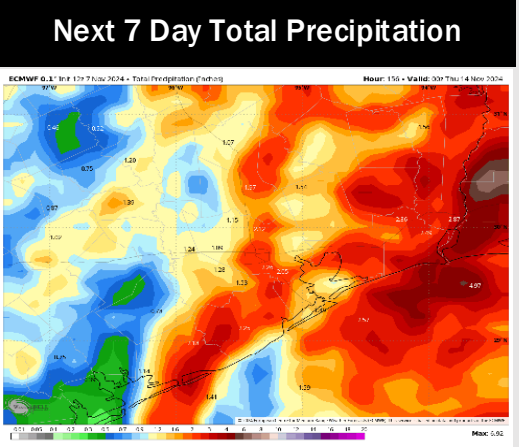
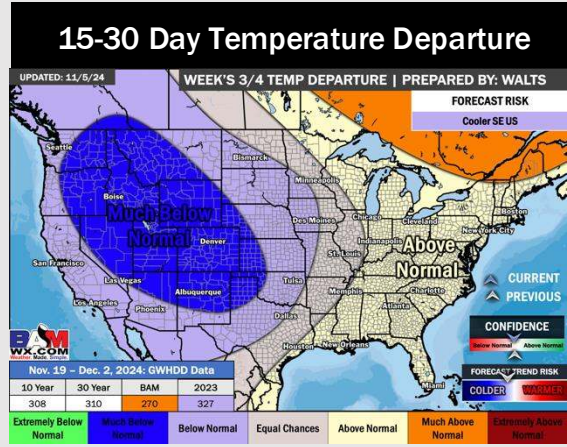
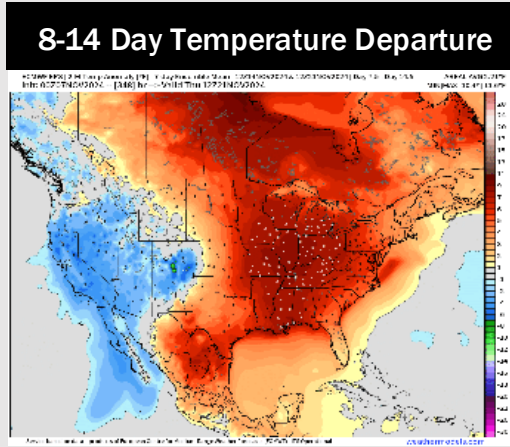
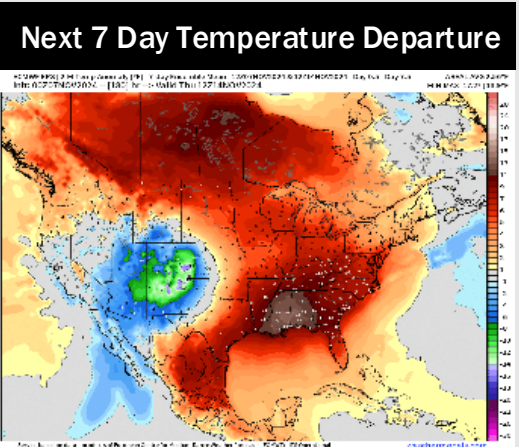


Wind Speed
8 AM CT



High Temps
Saturday

Houston Pilots: 11/7/24



- 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
- Near normal temperatures and above normal precipitation chances are expected for the weeks ¾ timeframe.