

Houston Pilots Forecast Package



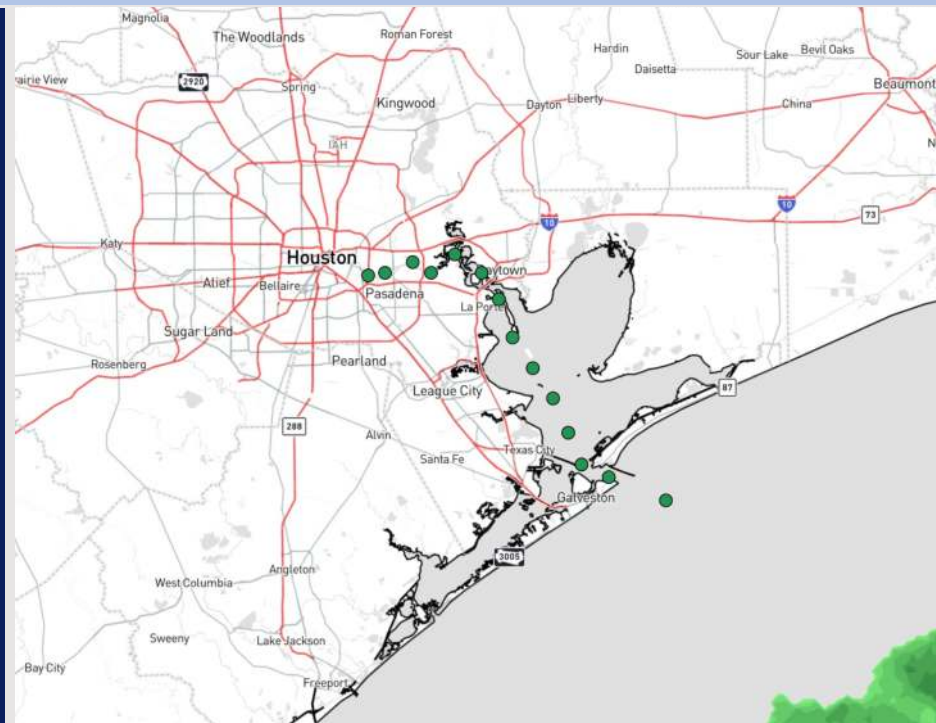
Updated: 10:00 PM CT

Thursday, October 31, 2024

Forecaster: Xander Lowry

Weather Headlines

- **Gusty winds of 15 – 20 kts will be possible SUN and into next week.**
- **Wave heights will begin to increase SUN PM and into MON. Monitoring potential for 6'+ wave heights.**
- **Monitoring potential for tropical development and low-end impact chances over the next 7-10 Days**

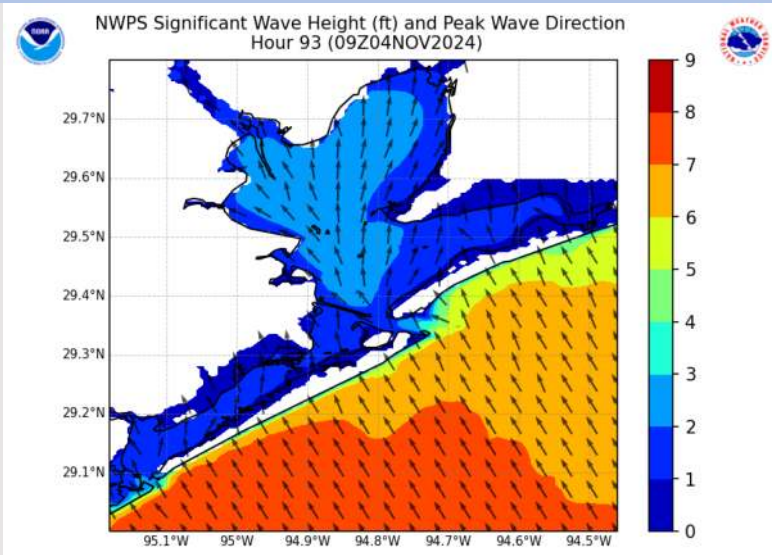


Current Radar: 9:40 PM CT



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.

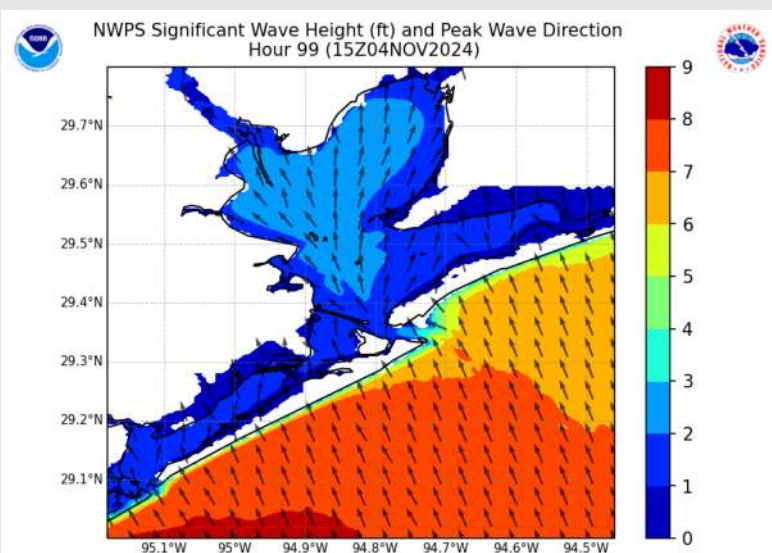
Wave Height Forecast Update



4 AM CT MON

Strong southerly winds
SUN PM and into MON
AM will bring elevated
wave heights near of 5'
– 7' come 4AM MON.

Wave heights after
4AM are favored to
continue to increase
with peak wave heights
approaching 6' – 8' by
11AM MON morning.
After 11AM MON wave
heights will slowly
decrease, dipping
below 6' by 12AM TUE.



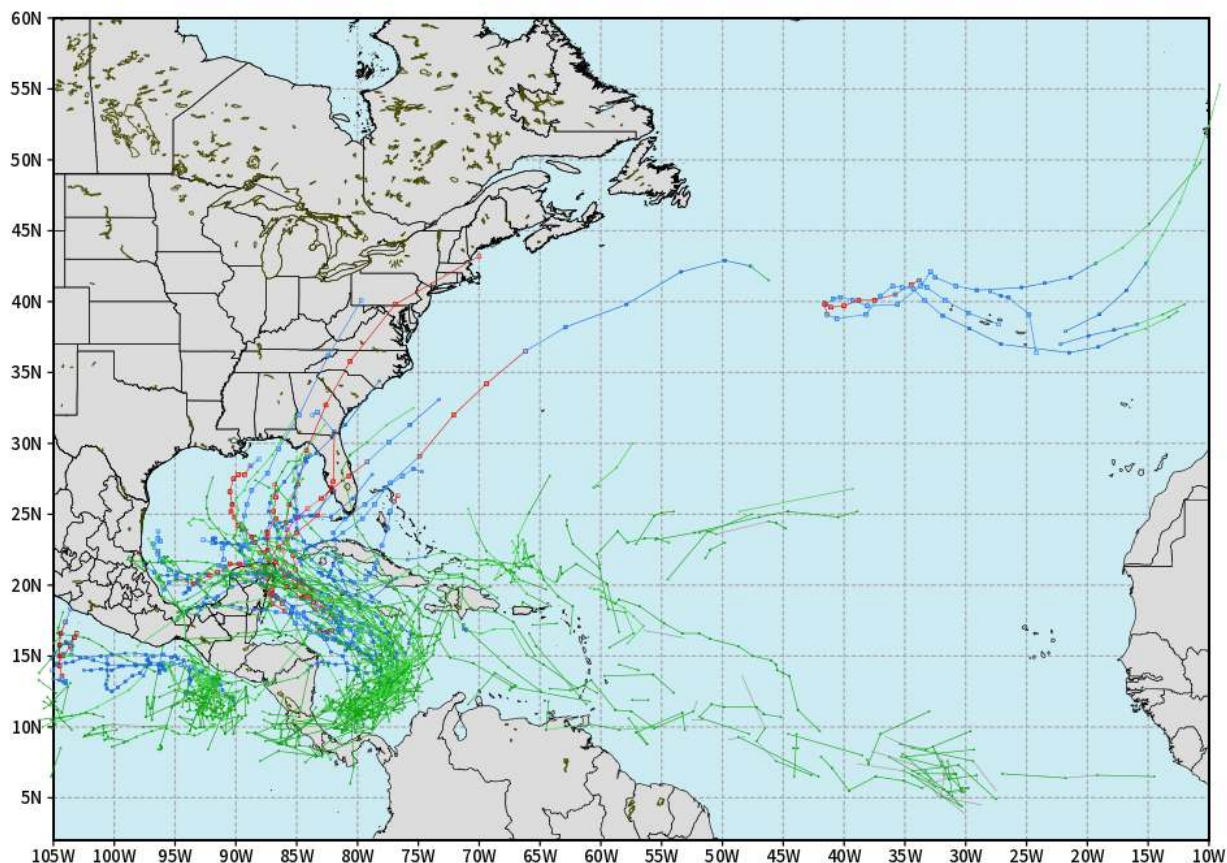
11 AM CT MON

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z31OCT2024 --> UNTIL 12Z10NOV2024

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



We are monitoring increasing potential for tropical formation in the Western Caribbean near the end of this weekend and into early next week.

Confidence remains low in exact track, however potential into the C/W Gulf of Mexico will need to be monitor over the next 7 days.

Direct impacts for HOU area over the next 7-10 days cannot be 100% ruled out.

Houston Pilots Tropical Update

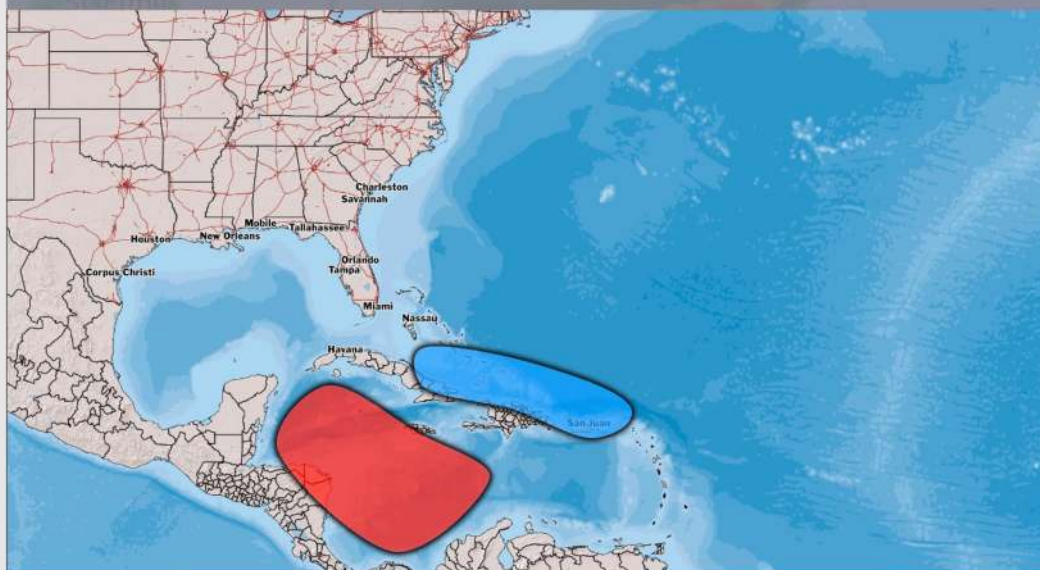


Potential Tropical Development

TROPICAL INSIGHT

10:00 PM CT Thursday, October 31st, 2024

Forecaster: Lowry



Formation Chances

0 - 20%

20%-40%

40%-60%

60%-80%

80% - 100%

TIMING: SUN 11/3 – Wed 11/6

FORECAST NOTES:

- ✓ Data shows support of gradual tropical development late this weekend / into early next week.
- ✓ Exact details on potential track remain uncertain at this time and potential US impacts cannot be ruled out.
- ✓ Area in **red** is area of greatest risk. Area in **blue** at a low-end risk

Houston Pilots Extended Range Visibility Report



Monday 11/4/24

Fog not favored for MON.

Forecast Confidence



Wednesday 11/6/24

Fog not favored for WED.

Forecast Confidence



Tuesday 11/5/24

Fog not favored for TUE.

Forecast Confidence



Chance for Fog

Monday AM	Unlikely
Monday PM	Unlikely
Tuesday AM	Unlikely
Tuesday PM	Unlikely
Wednesday AM	Unlikely
Wednesday PM	Unlikely

Houston Pilots Visibility Chart (miles)



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

Above Normal

Below Normal

Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE

Example

10

15

↖

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

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides.
This data should be used as a guide only.

Houston Pilots: FRI. 11/1/2024

Forecast Discussion

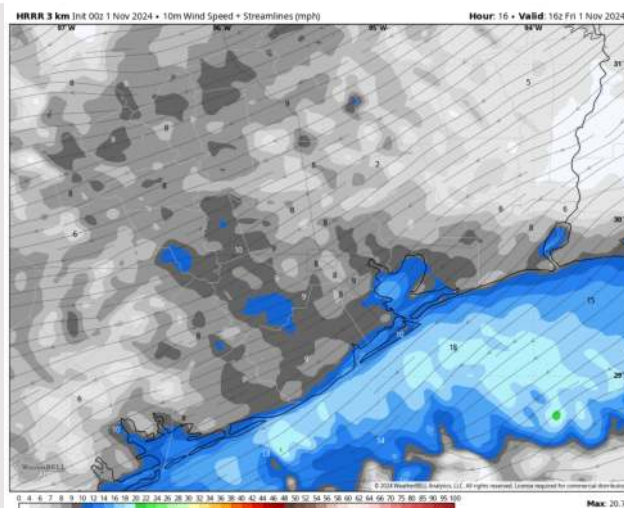
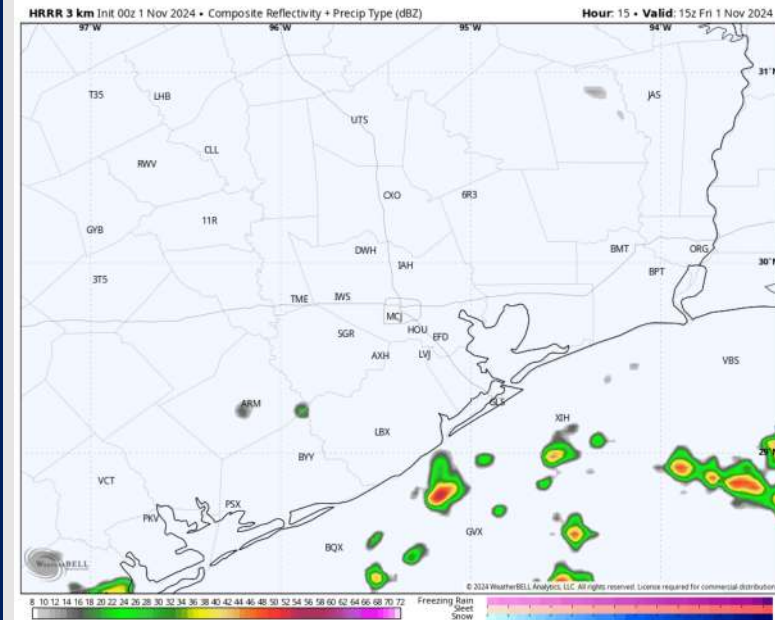
Precip: Isolated showers (10-20%) will be possible throughout most of the day, with conditions drying out after 9PM.

Wind: Winds will be out of the E/NE throughout the day today.
N of Morgan's Point: Winds will be at 3 – 8 kts for today.
S of Morgan's Point: Winds will be 8 – 13 kts throughout most of the day today, aside from a brief increase to 11 – 16 kts for stations S of 11/12 from 10AM – 2PM.

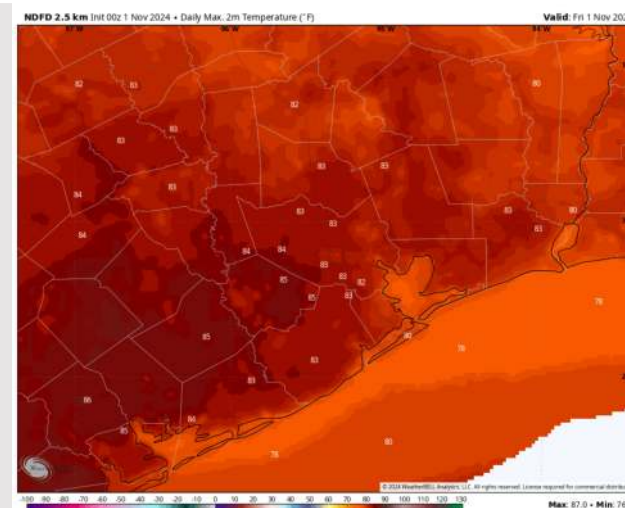
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s to near 80 F.

Visibility: No visibility concerns for today.

Precip Image: 10 AM CT



Wind Speed:
11 AM CT



High Temps
Today

Houston Pilots: SAT. 11/2/2024

Forecast Discussion

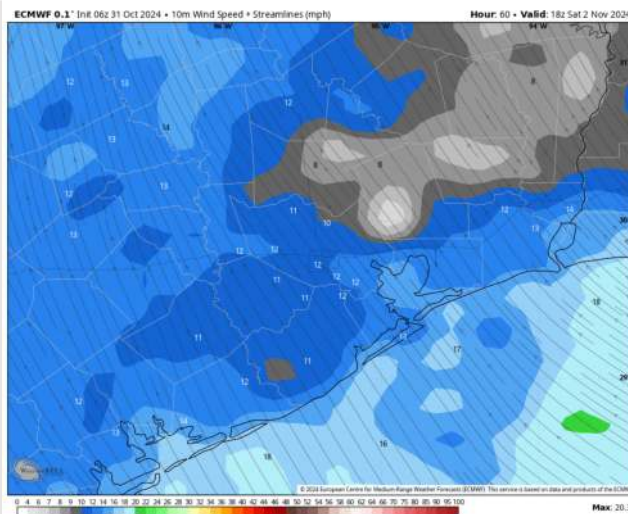
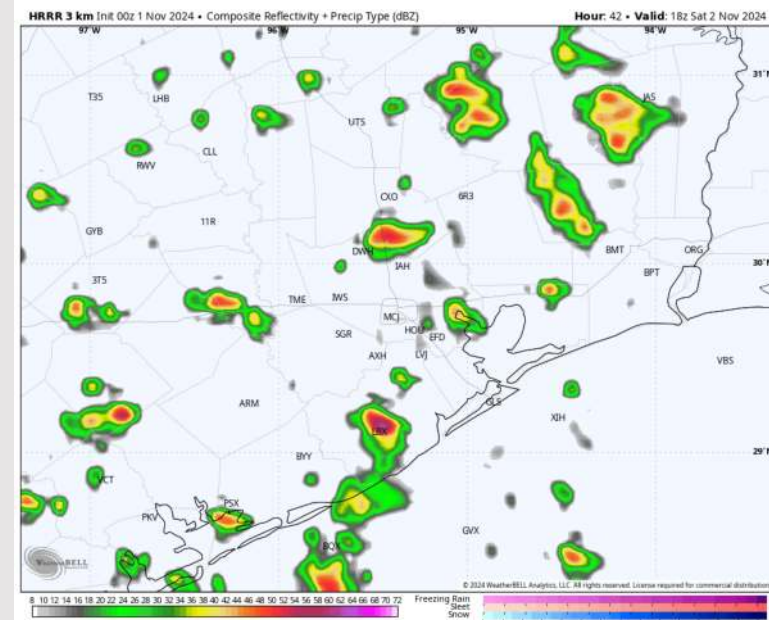
Precip: Favoring multiple rounds of showers and a few storms to be in play for all stations (50-60%) between 5AM and 9PM. Greatest coverage is expected from 9 AM – 4 PM.

Wind: Winds will be out of the S/SE throughout the day. **N of Morgan's Point:** Winds will be at 8 – 12 kts for the entire day. **S of Morgan's Point:** Winds will be at 12 - 18 kts throughout the day. **Wind gusts of 20 – 25 MPH are favored for all Stations after 11 AM.**

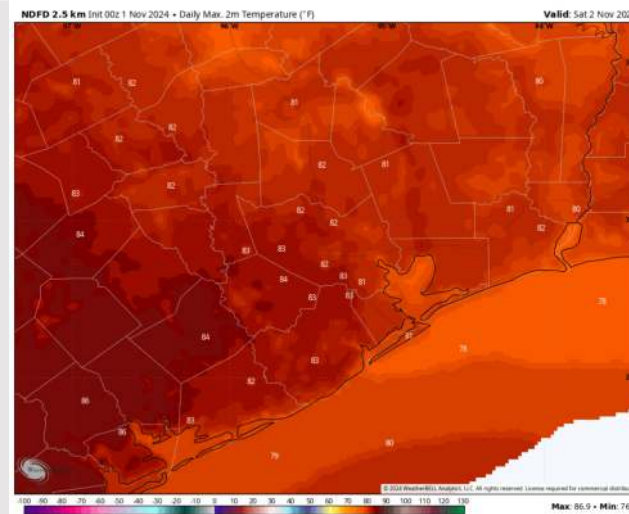
High Temps: **N of Morgan's Point:** Low to mid 80s F. **S of Morgan's Point:** Upper 70s to lower 80s F.

Visibility: No visibility concerns for Saturday.

Precip Image: 1 PM CT



Wind Speed:
1 PM CT



High Temps
Saturday

Houston Pilots: SUN. 11/3/2024

Forecast Discussion

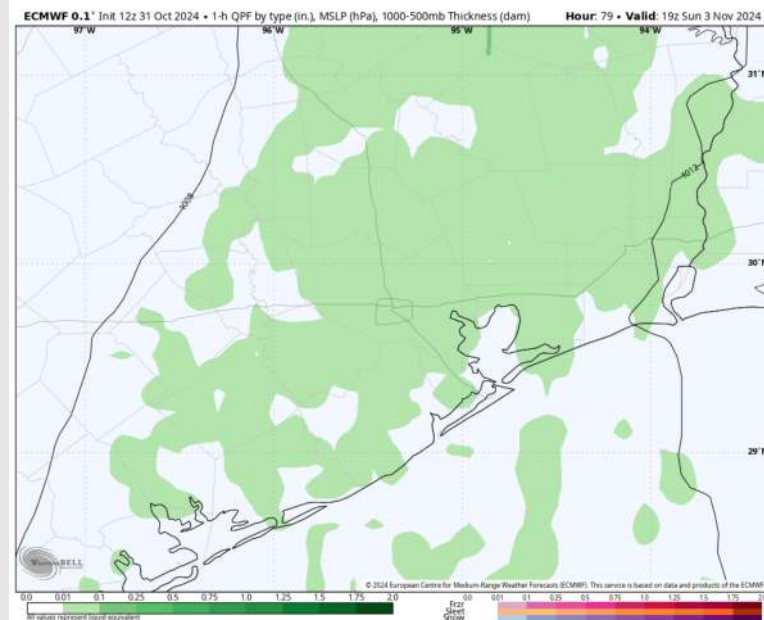
Precip: Scattered showers will begin to fill in starting at 10AM and slowly become more widespread by 1PM. Widespread showers will continue through 7PM before drying out.

Wind: Winds will be out of the S/SSW throughout the day on Sunday. **N of Morgan's Point:** Winds will be at 10 – 15 kts throughout the day. **S of Morgan's Point:** Winds will be at 15 – 20 kts throughout Sunday. **Wind gusts of 30-35 kts will be in play for all stations throughout the day on Sunday.**

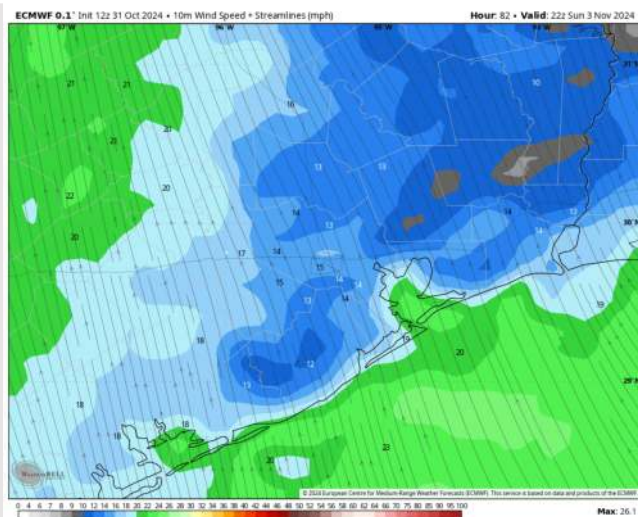
Wave Heights: Waves Heights S of Stations 11/12 will hover at 3' – 4' for most of the day, before starting to slowly increase at 1PM reaching 5'-6' feet by midnight.

Visibility: Visibilities may be reduced in heavy downpours. Otherwise, no fog concerns for any Stations.

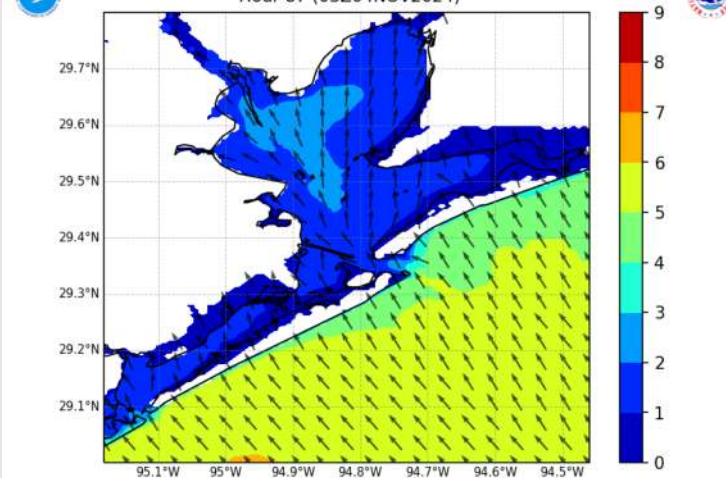
Precip Image: 1 PM CT



Wind Speed
4 PM CT



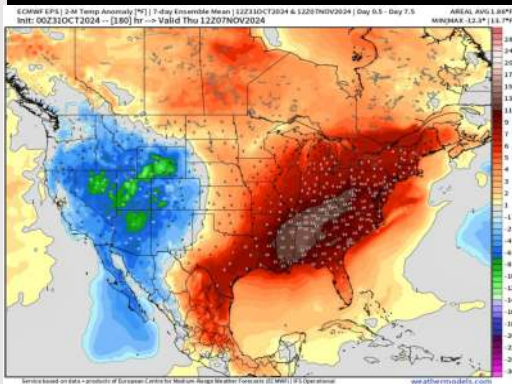
NWPS Significant Wave Height (ft) and Peak Wave Direction
Hour 87 (03Z04NOV2024)



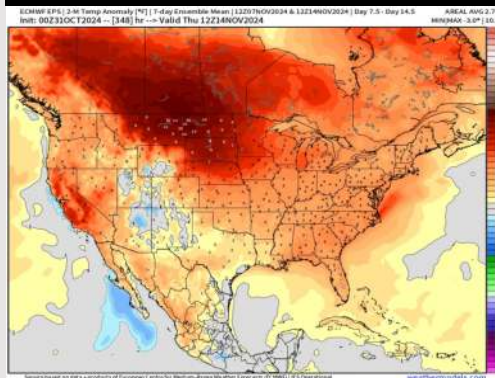
Wave Heights
10PM CT

Houston Pilots: 11/1/24

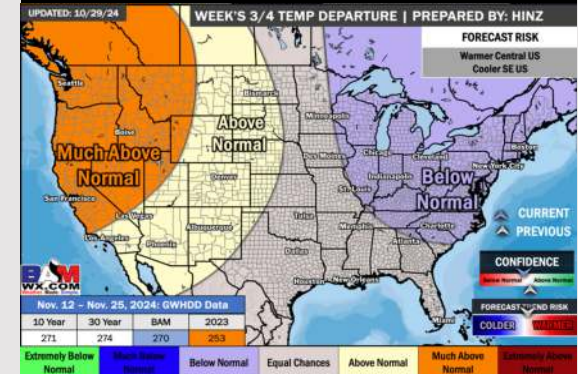
Next 7 Day Temperature Departure



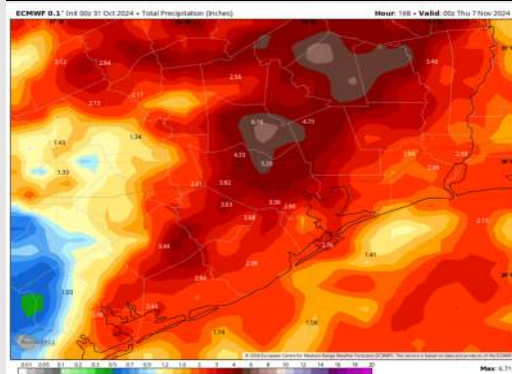
8-14 Day Temperature Departure



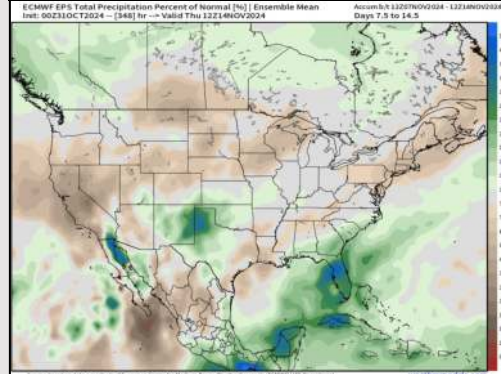
15-30 Day Temperature Departure



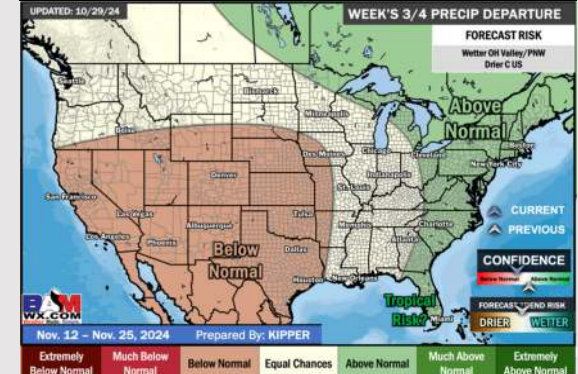
Next 7 Day Total Precipitation



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 into the weekend.
- Above normal temperatures are favored for week 2. Favoring precipitation to be slightly below normal.
- Near normal temperatures and below normal precipitation chances are expected for the weeks ¾ timeframe.