

Houston Pilots Forecast Package



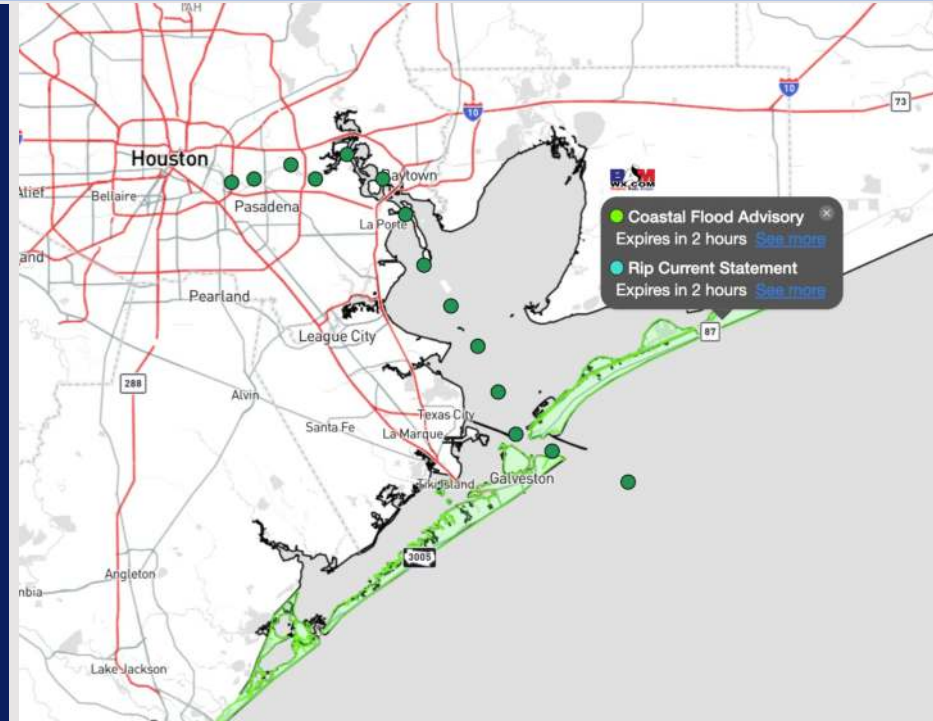
Updated: 10:00 PM CT

Thursday, October 17, 2024

Forecaster: Xander Lowry

Weather Headlines

- Wave heights will start to increase FRI PM with 4' – 5' will be in play starting Sunday AM. See slides below.
- **Gusty winds of 20-30 kts are possible over the next 48 hours.**
- Not favoring any fog concerns over the next 72 hours.

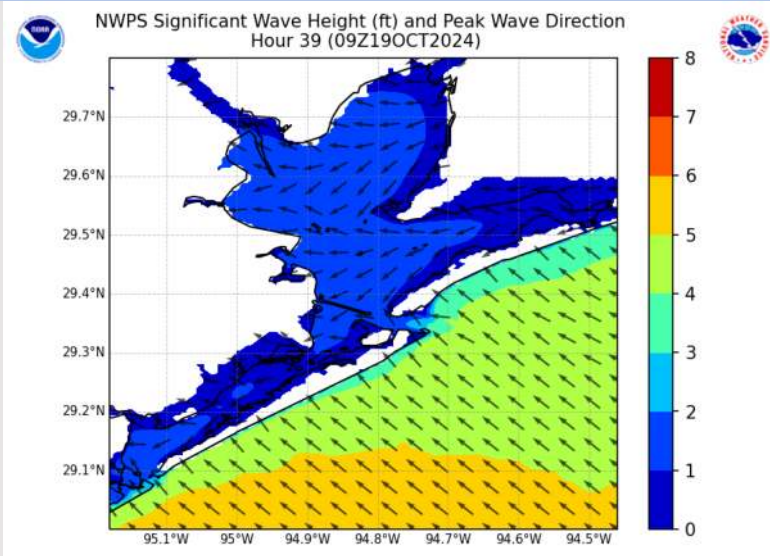


Current Radar: 9:55 PM CT



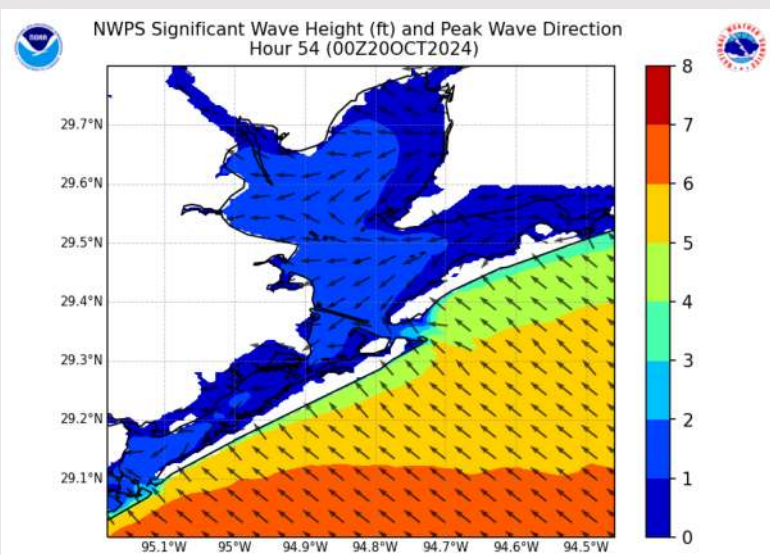
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Wave Height Forecast Update



4 AM CT SAT

Wave heights will start to increase late FRI PM and into SAT AM. Wave heights are expected to reach 4' – 5' by 4 AM SAT at the Boarding Station.



7 PM CT SAT

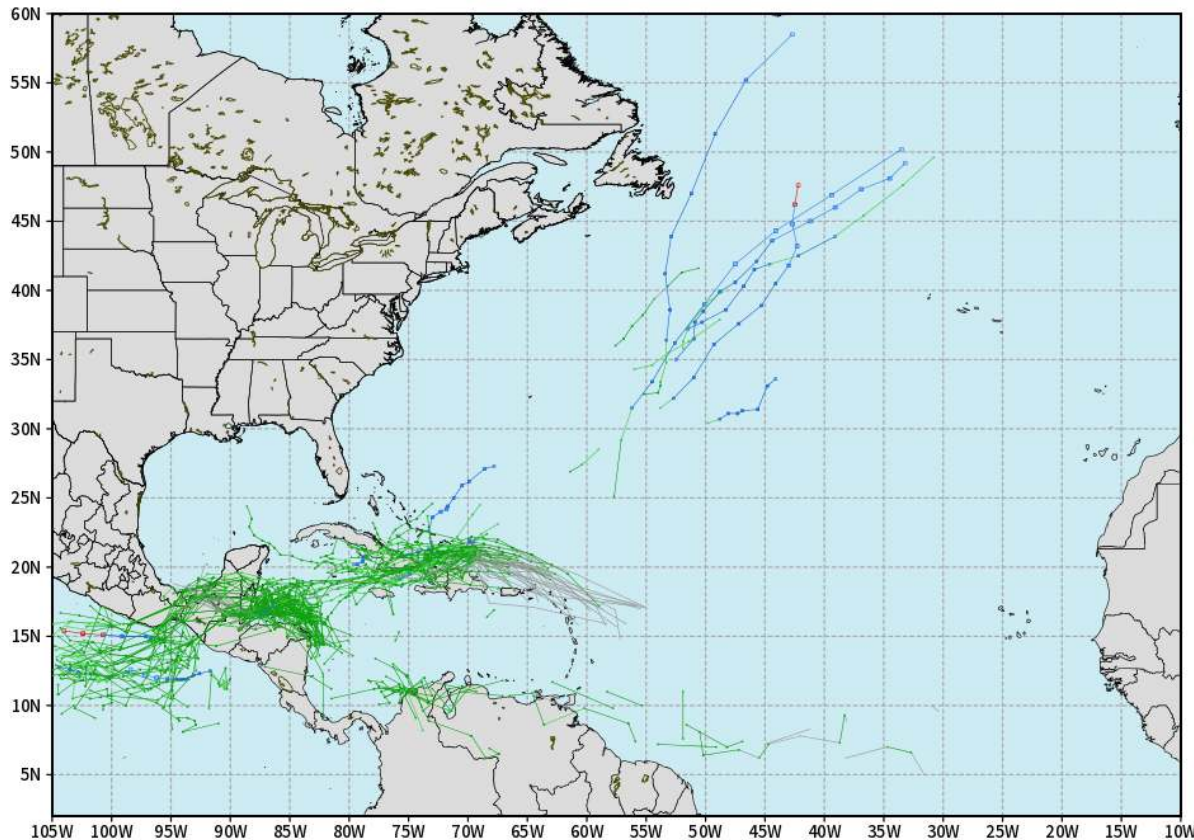
4' – 5' wave heights will continue through SUN PM before they start to decrease.

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z17OCT2024 --> UNTIL 12Z27OCT2024

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



weathermodels.com

We are tracking the potential for a tropical system to develop E of the Lesser Antilles later this week. In addition, there is a low-end threat in the Caribbean for additional development towards the weekend.

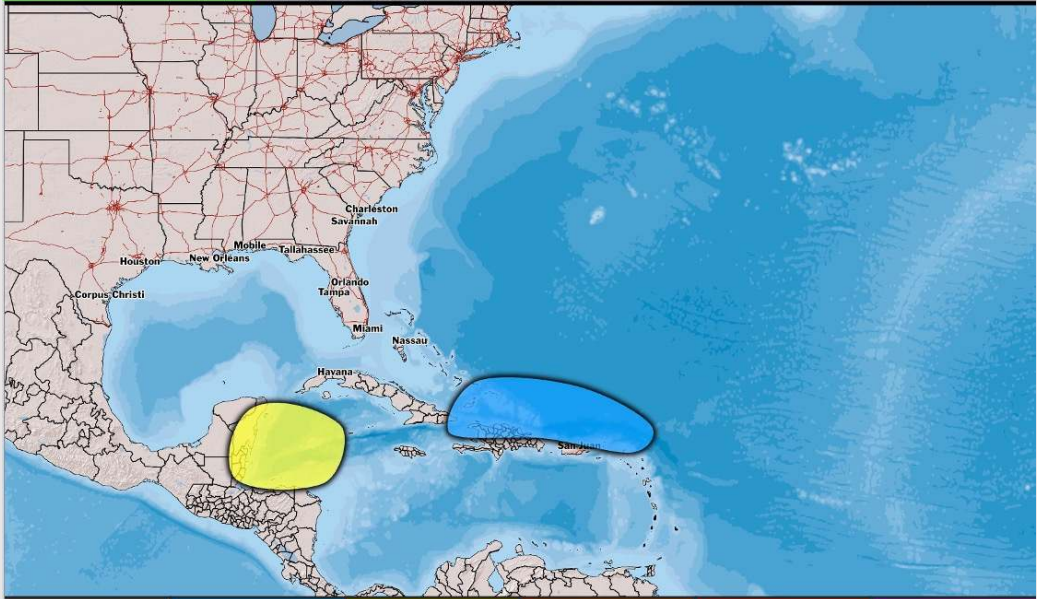
We continue to favor no threats for Houston over the next 7 days.

Houston Pilots Tropical Update




 **Atlantic Tropical Update**

TROPICAL INSIGHT 9:00 PM ET Thursday, October 17, 2024 **Forecaster: Kemper**



TIMING: FRI 10/18 – TUE 10/22

- FORECAST NOTES:**
- ✓ **Blue Area of Interest:** Low End Chance of Tropical Development Between 10/19 – 10/22.
 - ✓ **Yellow Area of Interest:** Tropical development will be possible between 10/18 – 10/20.
 - ✓ No Risk of Impacts favored for United States
- 

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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	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	10	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	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots F - 63/64	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 E - 51/52	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 D - 37/38	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 C - 25/26	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 B - 11/12	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 A - 1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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

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	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 13 ←	7 14 ←	7 15 ←	8 15 ←	8 15 ←	9 16 ←	10 18 ←	10 18 ←	10 20 ←	12 22 ←	12 23 ←	12 23 ←	13 25 ←	13 25 ←	13 25 ←	13 25 ←	13 24 ←	10 21 ←	10 21 ←
Houston Pilots M - Kinder 1	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 13 ←	7 14 ←	7 15 ←	8 15 ←	8 15 ←	9 16 ←	10 18 ←	10 20 ←	10 20 ←	12 22 ←	13 23 ←	13 23 ←	13 25 ←	13 26 ←	13 25 ←	13 25 ←	13 23 ←	10 21 ←	10 21 ←
Houston Pilots L - Greens Bayou	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 14 ←	7 14 ←	7 15 ←	8 15 ←	8 16 ←	8 17 ←	10 18 ←	10 20 ←	10 20 ←	12 22 ←	13 22 ←	13 23 ←	13 25 ←	13 25 ←	13 25 ←	13 24 ←	13 23 ←	10 20 ←	10 20 ←
Houston Pilots K - Shell Crude	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 13 ←	6 14 ←	7 15 ←	8 15 ←	8 15 ←	8 16 ←	9 17 ←	10 20 ←	10 20 ←	10 21 ←	12 22 ←	13 23 ←	13 24 ←	13 25 ←	13 26 ←	13 25 ←	13 24 ←	13 23 ←	10 21 ←	10 20 ←
Houston Pilots J - Lynchburg Ferries	6 13 ←	6 12 ←	6 12 ←	6 12 ←	6 13 ←	6 13 ←	6 14 ←	7 15 ←	8 15 ←	8 16 ←	8 17 ←	9 20 ←	10 20 ←	10 21 ←	12 22 ←	13 22 ←	13 23 ←	13 24 ←	13 25 ←	13 24 ←	13 23 ←	13 22 ←	10 20 ←	9 18 ←
Houston Pilots I - Exxon 3	10 15 ←	10 15 ←	10 15 ←	10 15 ←	10 15 ←	12 16 ←	13 17 ←	13 17 ←	13 18 ←	14 20 ←	14 20 ←	15 21 ←	15 21 ←	15 22 ←	15 22 ←	15 23 ←	16 23 ←	16 24 ←	16 25 ←	16 24 ←	16 24 ←	16 23 ←	15 22 ←	15 22 ←
Houston Pilots H - Morgans Point	12 16 ←	12 16 ←	12 16 ←	12 16 ←	12 16 ←	12 17 ←	13 17 ←	13 18 ←	13 18 ←	14 20 ←	14 20 ←	15 22 ←	15 22 ←	15 22 ←	16 23 ←	15 23 ←	16 24 ←	17 25 ←	17 25 ←	16 24 ←	16 24 ←	16 24 ←	15 22 ←	15 22 ←
Houston Pilots G - 75/76	13 18 ←	13 18 ←	13 18 ←	13 17 ←	13 17 ←	14 18 ←	15 20 ←	15 21 ←	15 22 ←	16 23 ←	16 23 ←	17 24 ←	17 24 ←	17 24 ←	17 26 ←	17 26 ←	17 26 ←	18 26 ←	18 26 ←	17 26 ←	17 26 ←	18 26 ←	17 25 ←	17 25 ←
Houston Pilots F - 63/64	13 18 ←	13 18 ←	13 18 ←	13 18 ←	13 17 ←	14 18 ←	15 20 ←	15 21 ←	15 22 ←	16 22 ←	16 23 ←	17 24 ←	17 25 ←	17 24 ←	17 26 ←	17 26 ←	17 25 ←	18 26 ←	18 26 ←	18 28 ←	18 28 ←	20 26 ←	17 25 ←	18 25 ←
Houston Pilots E - 51/52	13 20 ←	14 20 ←	14 20 ←	14 18 ←	14 18 ←	14 18 ←	15 20 ←	15 20 ←	15 21 ←	15 22 ←	16 22 ←	17 24 ←	17 24 ←	17 25 ←	17 26 ←	17 26 ←	17 26 ←	20 26 ←	20 28 ←	20 29 ←	21 28 ←	20 26 ←	18 26 ←	20 26 ←
Houston Pilots D - 37/38	13 20 ←	14 20 ←	14 20 ←	14 18 ←	14 18 ←	14 20 ←	15 20 ←	15 21 ←	15 21 ←	15 22 ←	15 22 ←	16 24 ←	17 24 ←	17 25 ←	17 26 ←	17 26 ←	17 26 ←	18 26 ←	20 28 ←	20 29 ←	20 28 ←	20 28 ←	20 26 ←	20 26 ←
Houston Pilots C - 25/26	13 20 ←	13 20 ←	13 20 ←	14 20 ←	13 18 ←	14 20 ←	14 20 ←	14 21 ←	15 22 ←	15 22 ←	15 22 ←	16 24 ←	16 24 ←	16 25 ←	16 26 ←	16 26 ←	16 26 ←	18 26 ←	20 28 ←	20 29 ←	20 28 ←	20 26 ←	18 26 ←	18 26 ←
Houston Pilots B - 11/12	12 20 ←	12 20 ←	13 20 ←	13 20 ←	13 20 ←	13 20 ←	13 20 ←	13 21 ←	13 21 ←	14 22 ←	14 22 ←	14 23 ←	15 24 ←	15 24 ←	16 25 ←	16 25 ←	16 25 ←	17 26 ←	17 26 ←	17 28 ←	17 26 ←	17 26 ←	17 26 ←	17 26 ←
Houston Pilots A - 1 & 2 Bravo	15 20 ←	15 21 ←	15 21 ←	15 22 ←	15 22 ←	15 22 ←	15 22 ←	15 23 ←	15 23 ←	16 24 ←	16 24 ←	16 24 ←	17 25 ←	17 25 ←	17 26 ←	17 26 ←	17 26 ←	18 28 ←	17 29 ←	20 29 ←	20 29 ←	20 29 ←	20 29 ←	20 28 ←

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Houston Pilots: FRI. 10/18/2024



Forecast Discussion

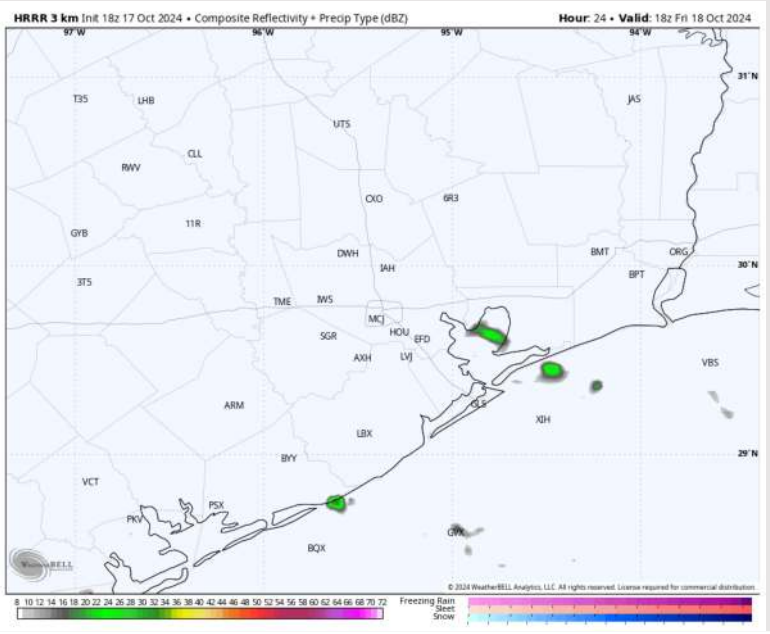
Precip: Isolated light showers will be possible from 10AM – 4PM with primarily for stations S of Morgan’s Point. Dry conditions favored outside this timeframe.

Wind: Winds will be generally out of the E/ESE throughout Friday. **N of Morgan’s Point:** Winds will be sustained at 7 - 12 kts, decreasing to 5 – 10 kts after 8 PM. **S of Morgan’s Point:** Winds at 15 – 19 kts throughout the day today. **Gusts of 25 – 30 kts possible after 10 AM and through the remainder of the day.**

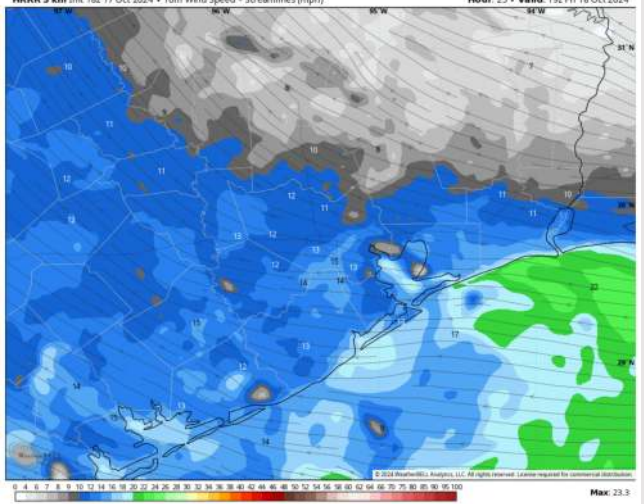
High Temps: **N of Morgan’s Point:** Near 80s F. **S of Morgan’s Point:** Mid to upper 70s F

Visibility: Not fog concerns today.

Precip Image: 1 PM CT

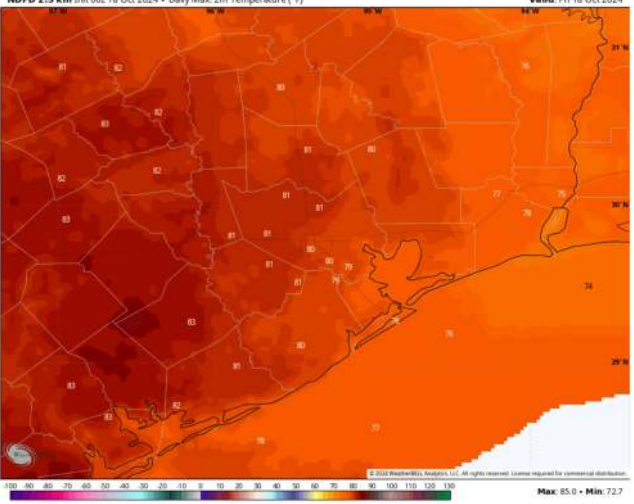


HRRR 3 km Init 18z 17 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 25 • Valid: 19z Fri 18 Oct 2024



Wind Speed:
2 PM CT

NDFD 2.5 km Init 00z 18 Oct 2024 • Daily Max, 2m Temperature (°F) Valid: Fri 18 Oct 2024



High Temps
Today

Houston Pilots: SAT. 10/19/2024



Forecast Discussion

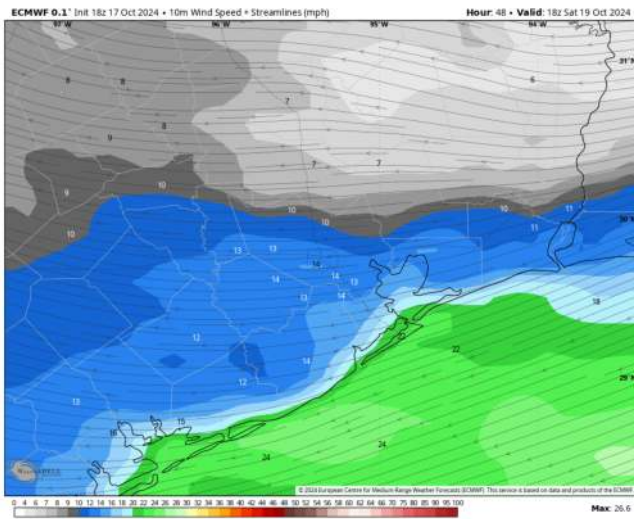
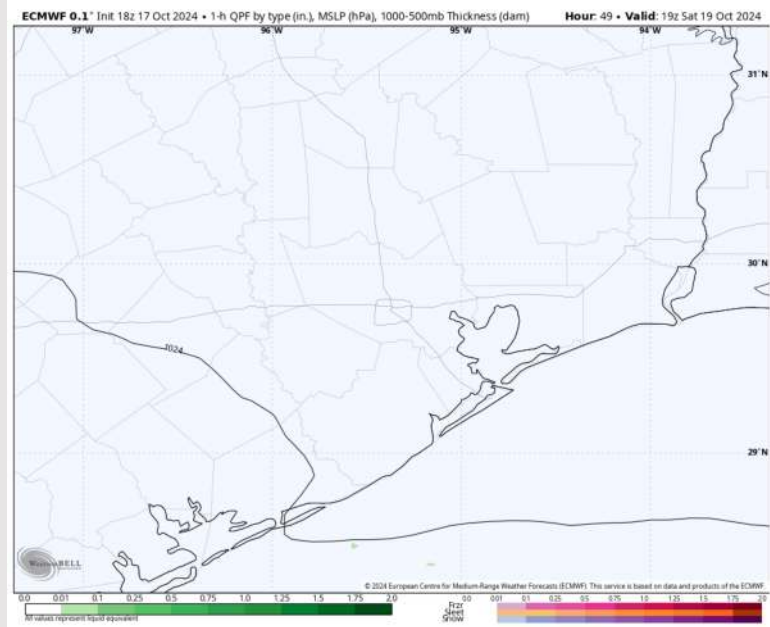
Precip: Favoring dry conditions throughout the day on Saturday.

Wind: Winds will be out of the E/ENE for all of Saturday. **N of Morgan's Point:** Winds will be at 8 – 14 kts through 8PM before decreasing to 4 – 9 kts for the rest of the day. **S of Morgan's Point:** Winds will be at 15 – 20 kts for the entire day. **Gusts of 25-30 kts in play for stations S of Morgan's Point from 4AM through 5 PM.**

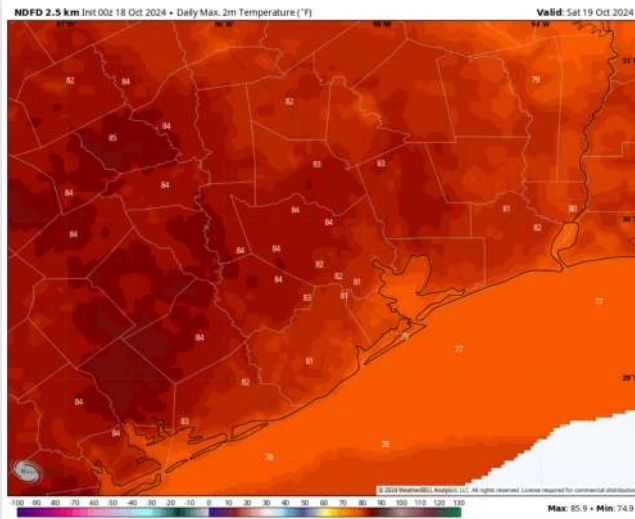
High Temps: **N of Morgan's Point:** Upper 70s – Lower 80s F. **S of Morgan's Point:** Upper 70s F.

Visibility: No visibility concerns for Saturday.

Precip Image: 2 PM CT



Wind Speed
1 PM CT



High Temps
Saturday

Houston Pilots: SUN. 10/20/2024



Forecast Discussion

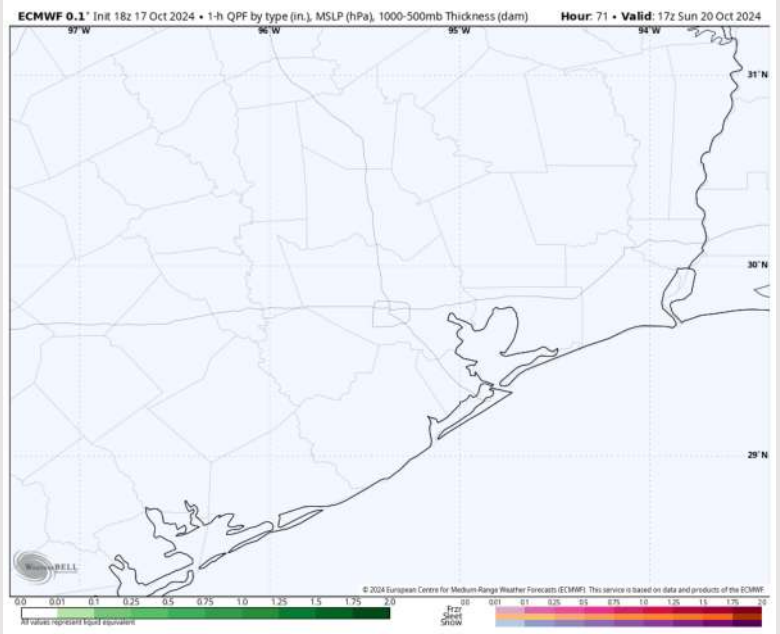
Precip: Favoring dry conditions for Sunday.

Wind: Winds will be generally out of the E/ENE for the entire day. **N of Morgan's Point:** Winds will be at 6-11 kts throughout the day on Sunday. **S of Morgan's Point:** Winds will be at 12 - 17 kts through 1PM. **Wind gusts up to 20 - 25 kts are possible for Stations S of Morgan's will be possible throughout the day on Sunday.**

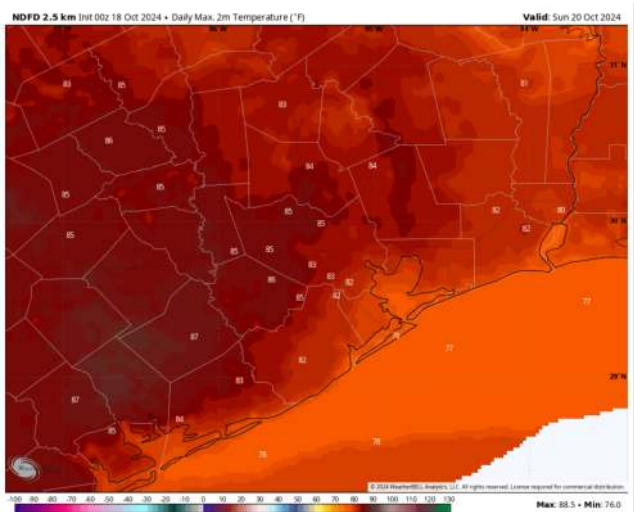
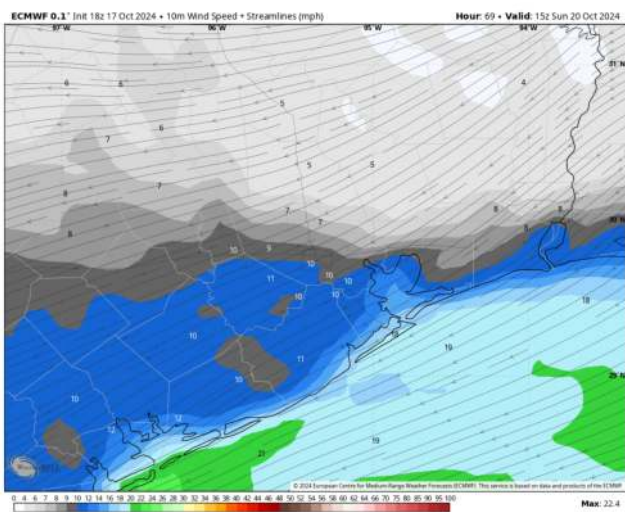
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Mid 70s F.

Visibility: Not favoring any fog concerns for Sunday.

Precip Image: 1 PM CT



Wind Speed:
10 AM CT

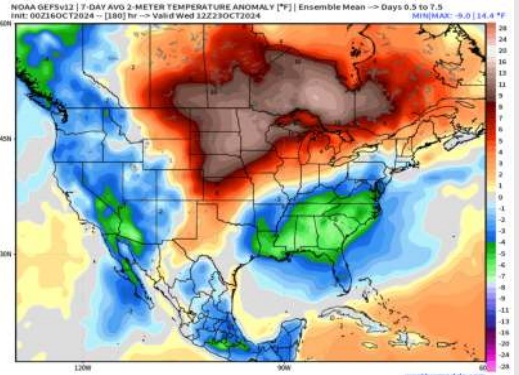


High Temps
Sunday

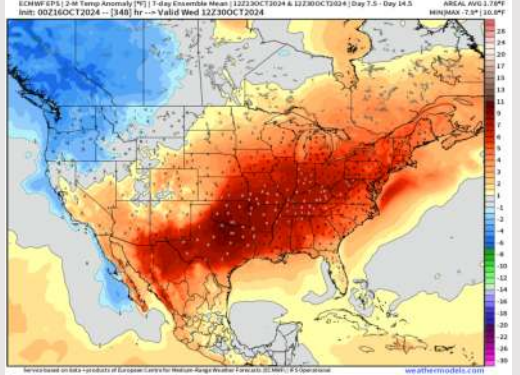
Houston Pilots: 10/18/24



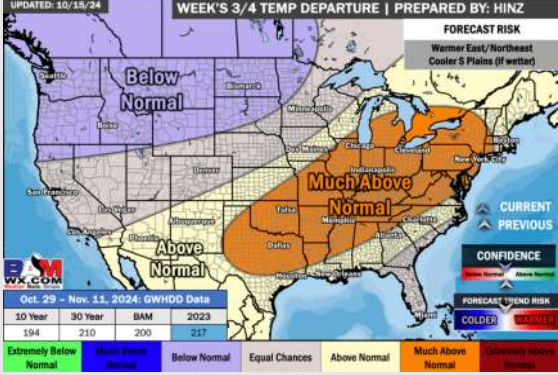
Next 7 Day Temperature Departure



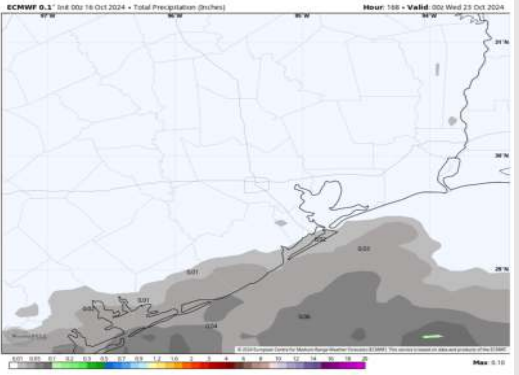
8-14 Day Temperature Departure



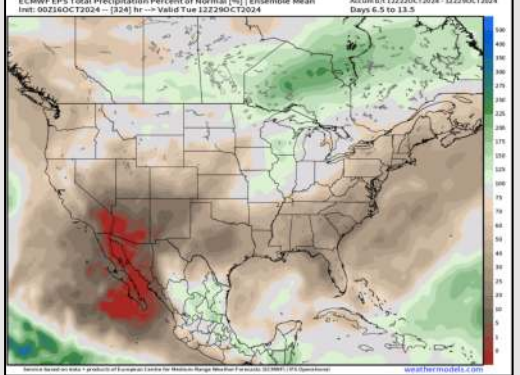
15-30 Day Temperature Departure



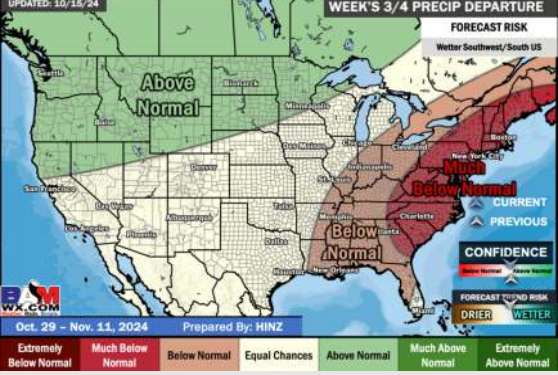
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be near to slightly below normal for the week 1 timeframe. Favoring mostly dry conditions through the week 1 timeframe.
- Above normal temperatures are favored for week 2. Favoring precipitation to be below normal.
- Above normal temperatures and below normal precipitation chances are expected for the weeks 3/4 timeframe.