

Houston Pilots Forecast Package



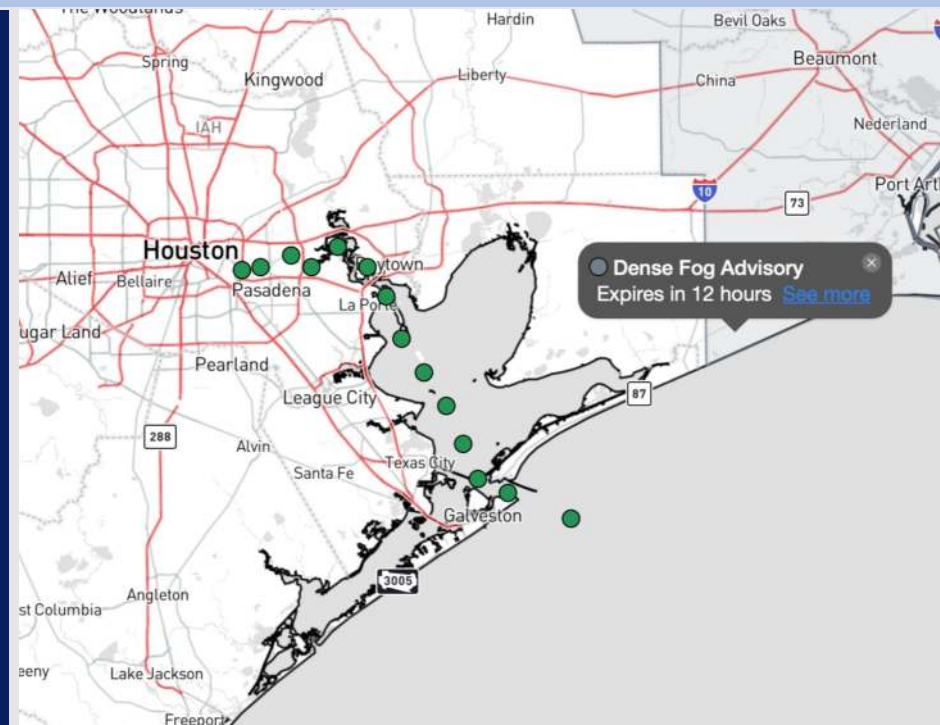
Updated: 9:00 PM CT

Sunday, October 27, 2024

Forecaster: Tyler Riggles

Weather Headlines

- **Patchy Fog Risks will be in play once again this AM. See visibility slides below for thoughts on this risk!**
- **Gusty winds of 25-30 kts expected this PM through WED. Wave heights expected to increase to 4-5' for Stations S of 25/26.**
- **Dry conditions favored to start the week, with scattered showers returning WED.**
- **No tropical concerns for at least the next 7 days!**

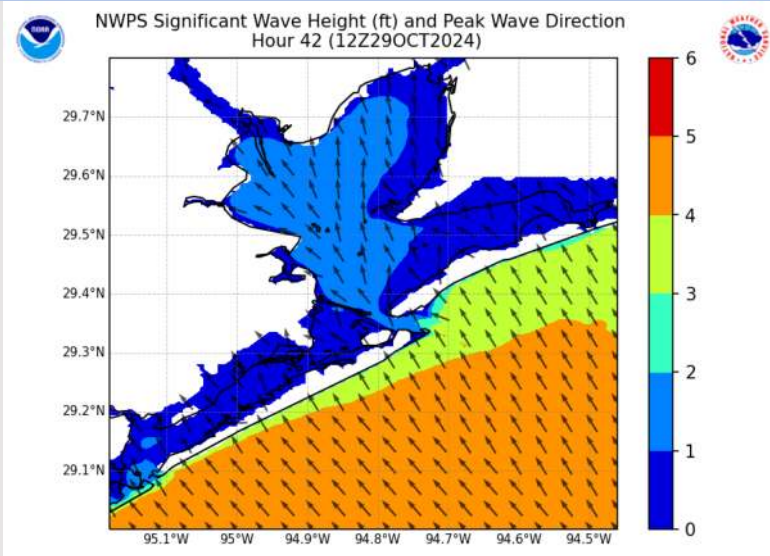


Current Radar: 9:00 PM CT



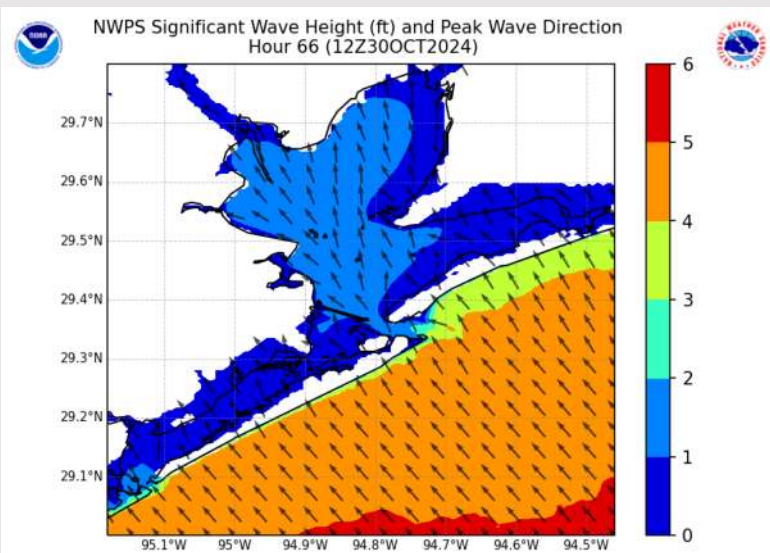
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Wave Height Forecast Update



7 AM CT TUE

Wave heights expected to increase due to gusty conditions TUE and WED, with the greatest heights near the Boarding Station, 11/12 and 25/26.



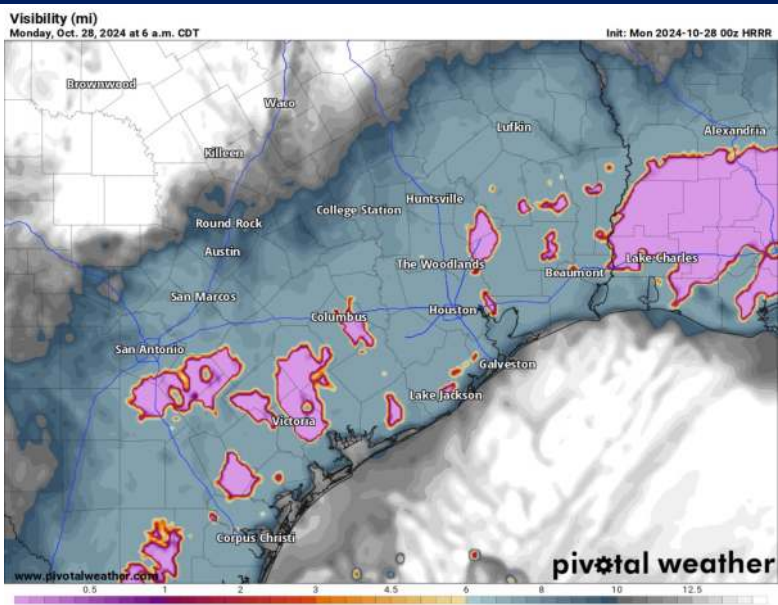
7 AM CT WED

By 7 AM TUE, wave heights expected to reach 4' at the mouth of the bay. By 7 AM WED, wave heights expected to reach 5', then gradually decrease throughout the day.

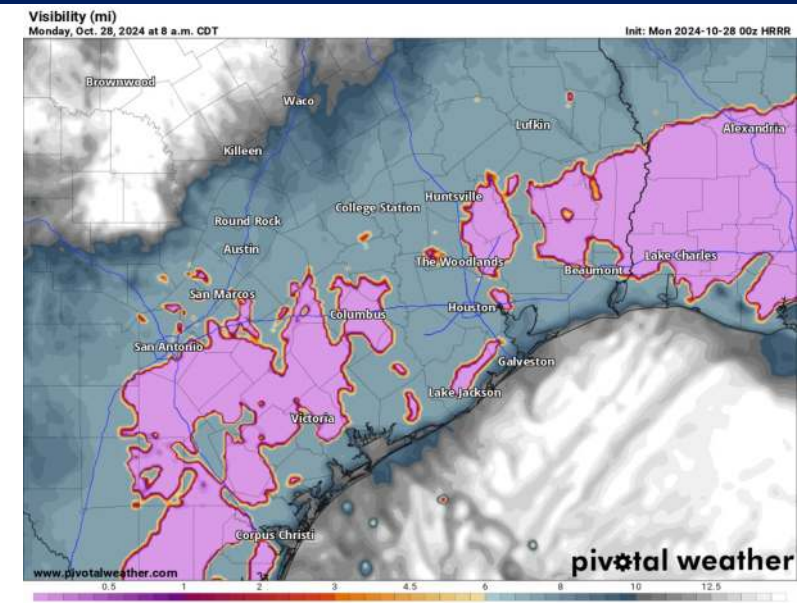
Houston Pilots Visibility Report



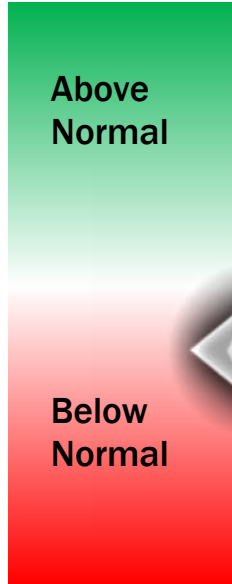
6 AM CDT MON VISIBILITY



8 AM CDT MON VISIBILITY



Confidence



- Favoring patchy dense fog for Stations N of Morgan's Point between 4 – 9 AM. The timeframe with the greatest potential will be from 6 – 8 AM.
- Anticipating visibility to be reduced to 2 – 4 miles in a patchy fashion for Stations N of Morgan's Point. **Localized instances of visibility dropping at 1 mile or less cannot be ruled out.**
- Anticipating fog to clear out by 9 AM.

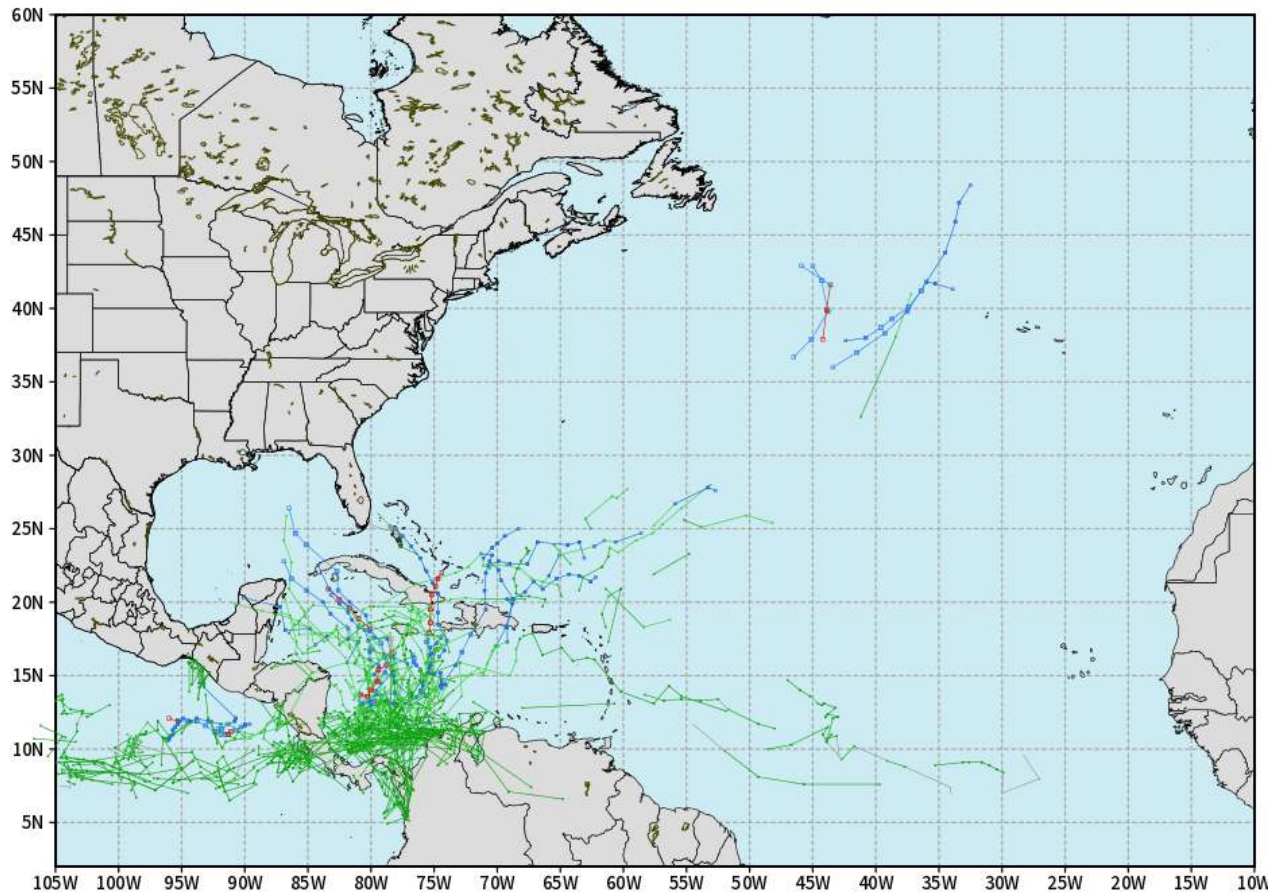
TIMEFRAME DISCUSSED	THREAT
4 AM – 9 AM MON	Medium

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z27OCT2024 --> UNTIL 12Z06NOV2024

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

Currently favoring no threats for HOU over the next 7 days. We are monitoring the potential to start the month of November with potential formation in the Western Caribbean.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Sun 10 pm	Sun 11 pm	Mon 12 am	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
Houston Pilots N - 610 Bridge	10	10	10	10	10	10	10	7.9	6.9	6.9	6.9	6.9	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots M - Kinder 1	10	10	10	10	10	10	10	7.9	6.9	6.9	6.9	6.9	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots L - Greens Bayou	10	10	10	10	10	10	10	9	6.9	6.9	4.9	4.9	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots K - Shell Crude	10	10	10	10	10	10	10	9	6.9	6.9	4.9	4.9	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots J - Lynchburg Ferries	10	10	10	10	10	10	10	7.9	6.9	4.9	3.9	1.1	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots I - Exxon 3	10	10	10	10	10	10	10	9	6.9	6.9	4.9	4.9	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots H - Morgans Point	10	10	10	10	10	10	10	9	10	9	7.9	7.9	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	9	10	10	10	10	10	10	10	10	10	10	10	9
Houston Pilots F - 63/64	10	10	10	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	9
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	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	10	10	10	10	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	10	10	10	10	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	10	10	10	10	9	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



Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE

Example

10

15

↙

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

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Houston Pilots: MON. 10/28/2024



Forecast Discussion

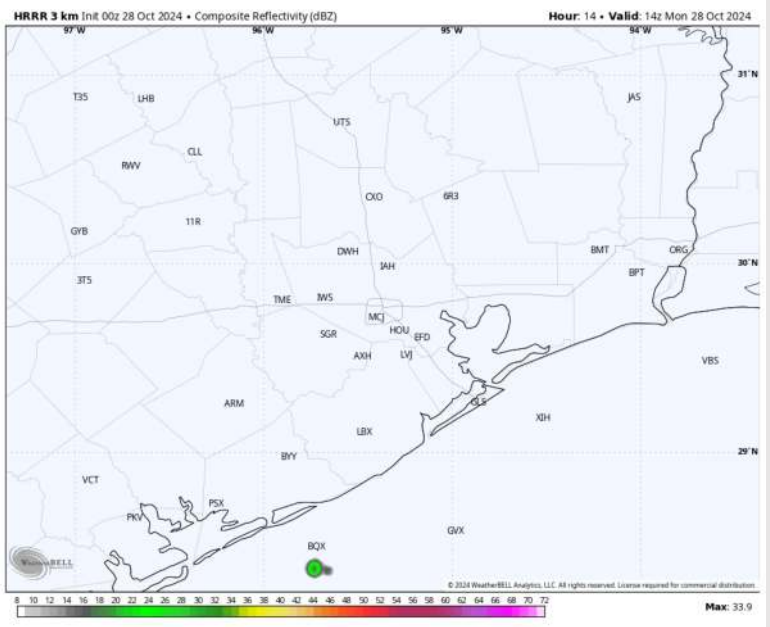
Precip: Favoring dry conditions throughout the day today.

Wind: Winds will be out of the SE throughout the day. **N of Morgan's Point:** Winds will be at 3 – 8 kts through 10 AM before increasing to 8 – 13 kts for the rest of the day. **S of Morgan's Point:** Winds will be at 7- 12 kts through 2 PM before increasing to 13 – 18 kts for the rest of the day. **Wind gusts of 20-25 kts will be possible for all stations after 12 PM**

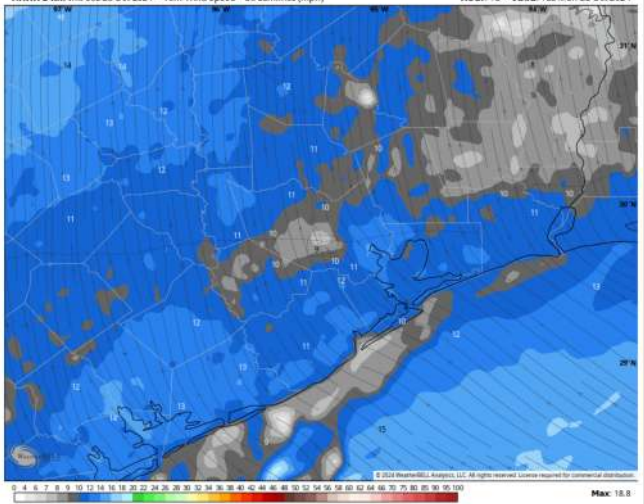
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Upper 70s/Near 80 F.

Visibility: Patchy fog risks in play for Stations N of Morgan's Point from 4 – 9 AM. See visibility slide for more information.

Precip Image: 9 AM CT

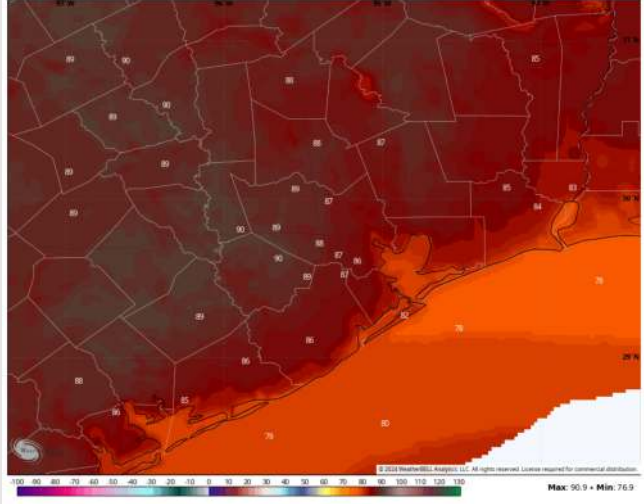


HRRR 3 km Init 00z 28 Oct 2024 • 10m Wind Speed + Streamlines (mph) Hour: 18 • Valid: 18z Mon 28 Oct 2024



Wind Speed
1 PM CT

NDFD 2.5 km Init 00z 28 Oct 2024 • Daily Max, 2m Temperature (°F) Valid: Mon 28 Oct 2024



High Temps
Today

Houston Pilots: TUE. 10/29/2024



Forecast Discussion

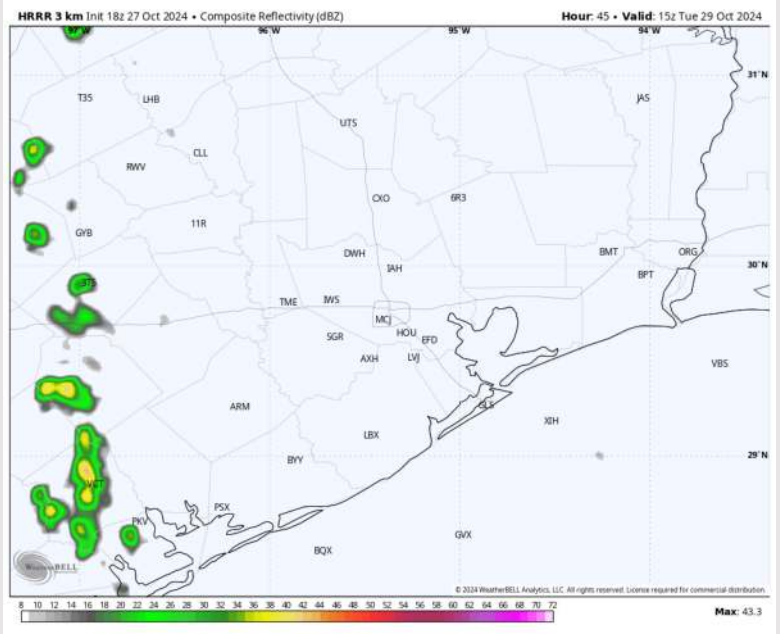
Precip: Favoring dry conditions for Tuesday.

Wind: Winds will be out of the SE throughout the day Tuesday. **N of Morgan's Point:** Winds will be at 6 – 11 kts through 9 AM, increasing to 11-16 kts after that time. **S of Morgan's Point:** Winds will be 13 – 18 kts throughout the day Tuesday. **Wind gusts up to 30 kts in play for all Stations between 9 AM and 9 PM.**

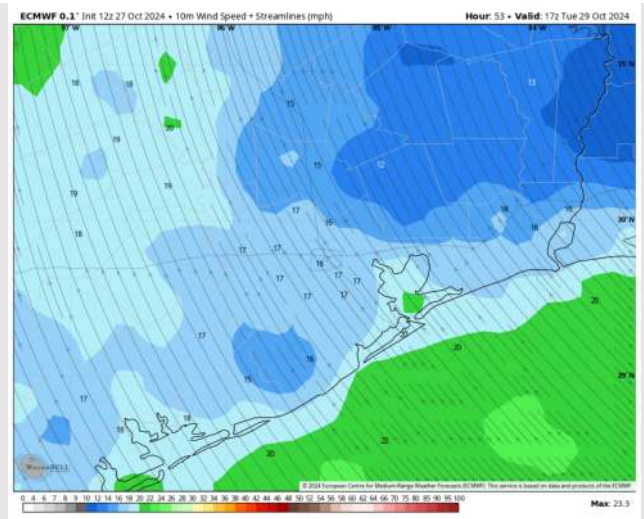
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Upper 70s - Low 80s F.

Visibility: No visibility concerns for Tuesday.

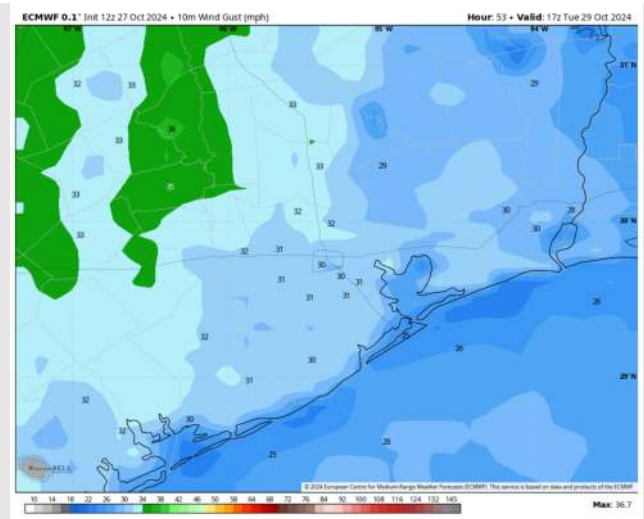
Precip Image: 10 AM CT



Wind Speed:
12 PM CT



PEAK
Wind Gusts



Forecast Discussion

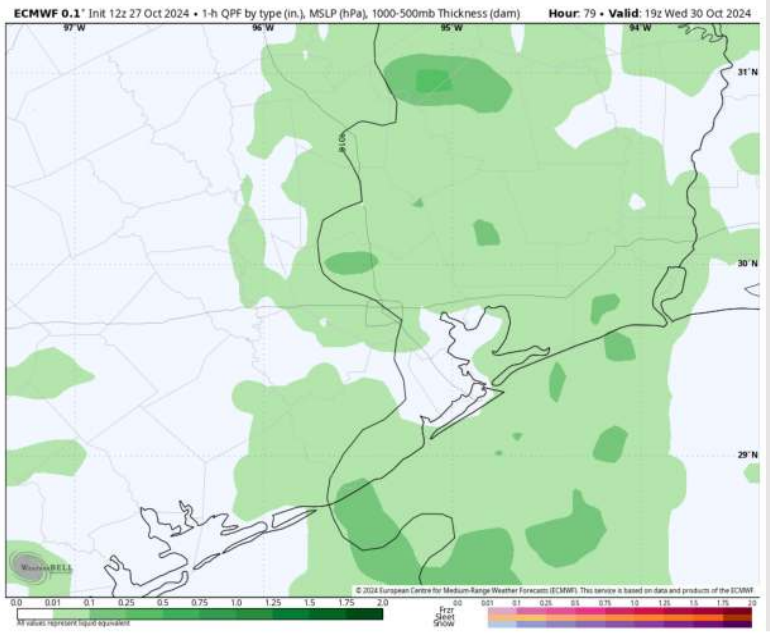
Precip: Favoring scattered showers to be in play between 11 AM and 8 PM.

Wind: Winds will be out of the SE throughout the day Wednesday. **N of Morgan's Point:** Winds will be at 10 – 15 kts throughout Wednesday. **S of Morgan's Point:** Winds will be at 13 - 18 kts throughout Wednesday. **Wind gusts of 20-25 kts will be in play for all Stations after 9 AM.**

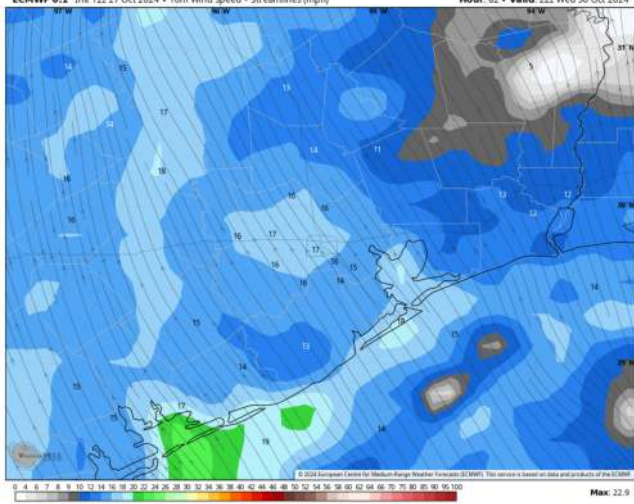
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Upper 70s F to low 80s F.

Visibility: No visibility concerns for Wednesday.

Precip Image: 2 PM CT

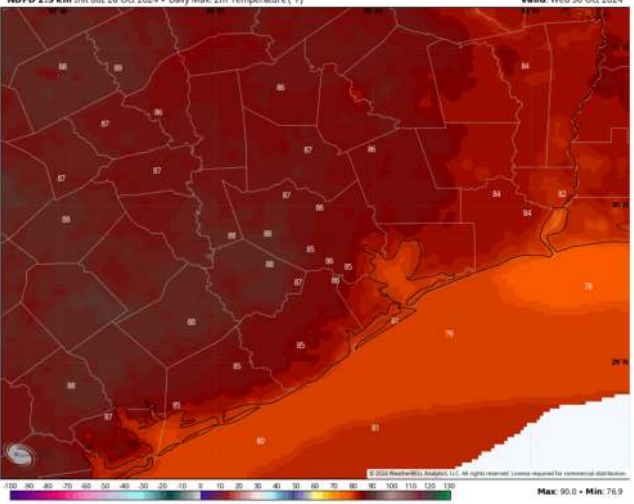


ECMWF 0.1" Init 12z 27 Oct 2024 • 10m Wind Speed + Streamlines (mph) Hour: 82 • Valid: 22z Wed 30 Oct 2024



Wind Speed:
5 PM CT

NDFD 2.5 km Init 00z 28 Oct 2024 • Daily Max, 2m Temperature (°F) Valid: Wed 30 Oct 2024

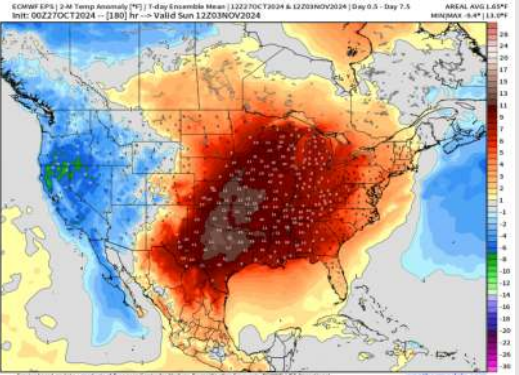


High Temps
Wednesday

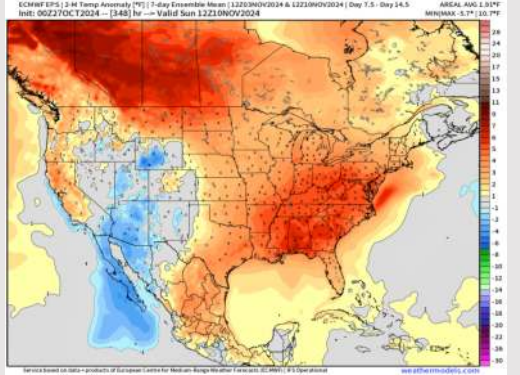
Houston Pilots: 10/28/24



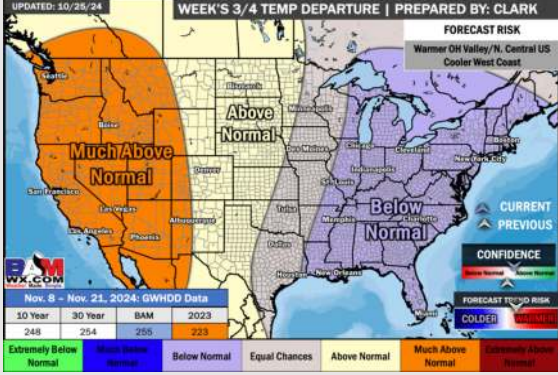
Next 7 Day Temperature Departure



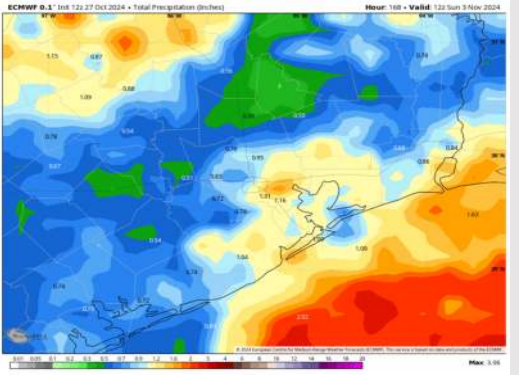
8-14 Day Temperature Departure



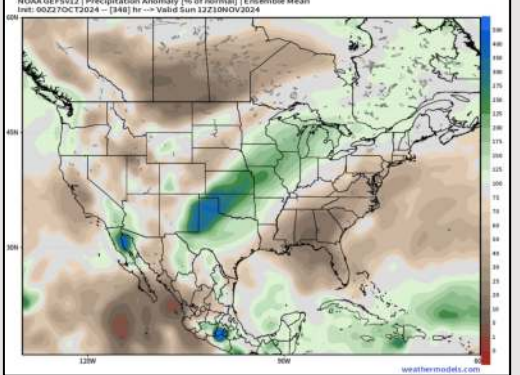
15-30 Day Temperature Departure



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 a few scattered rain chances to work in mid/late week.
- Above normal temperatures are favored for week 2. Favoring precipitation to be below normal.
- Near normal temperatures and below normal precipitation chances are expected for the weeks 3/4 timeframe.