

Houston Pilots Forecast Package



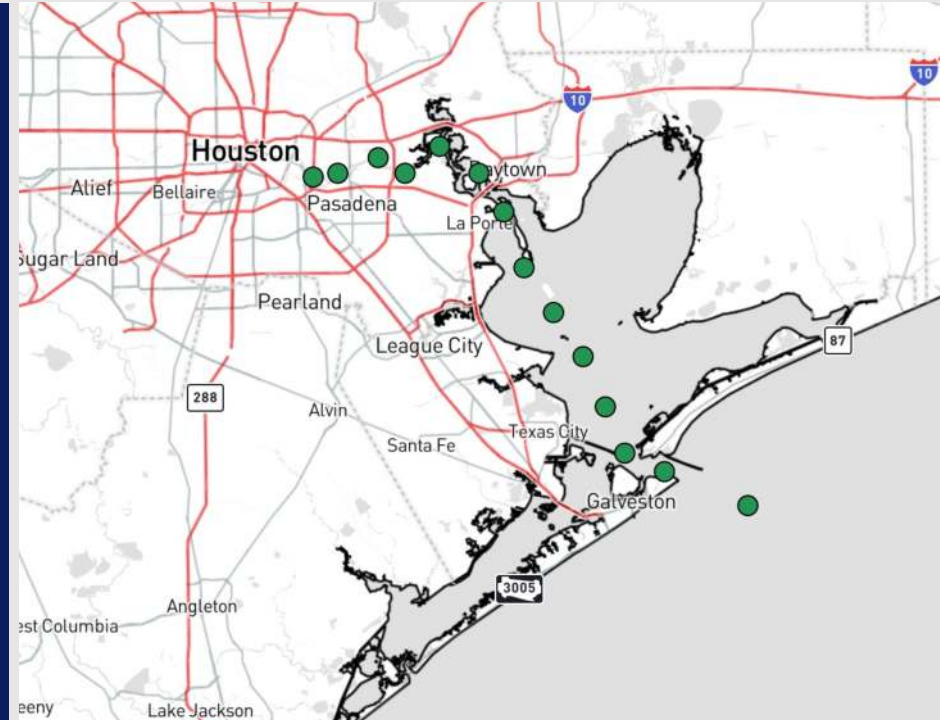
Updated: 12:20 PM CT

Monday, October 28, 2024

Forecaster: Hope Kleitsch

Weather Headlines

- Wave heights expected to increase to 4-5' for Stations S of 25/26. See wave heights slide below.
- Gusty winds of 25-30 kts expected through WED.
- Dry conditions favored to start the week, with scattered showers returning WED.
- No tropical concerns for at least the next 7 days!

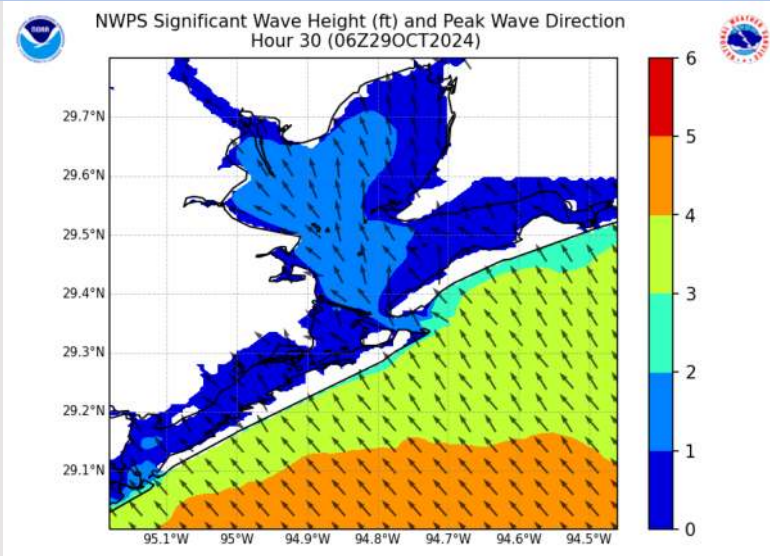


Current Radar: 12:20 PM CT



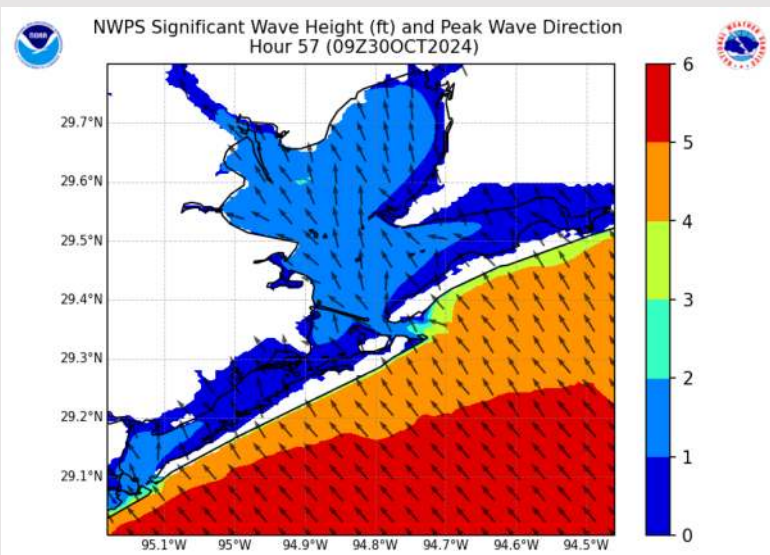
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Wave Height Forecast Update



12 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.



4 AM CT WED

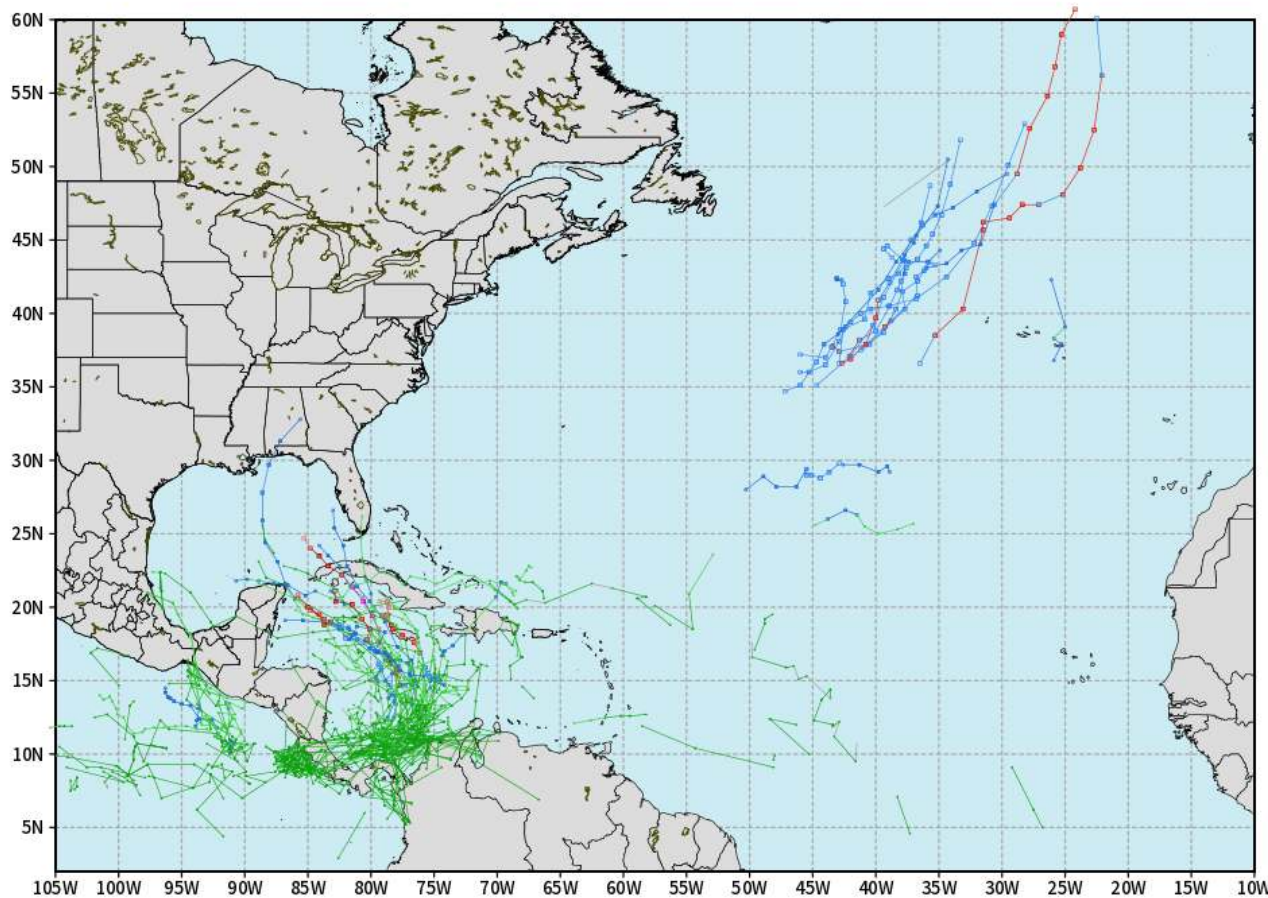
By 12 AM TUE, wave heights expected to reach 4' at the mouth of the bay. By 4 AM WED, wave heights expected to reach 5', then gradually decrease throughout the day.

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z28OCT2024 --> UNTIL 00Z07NOV2024

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	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	Tue 1 am	Tue 2 am	Tue 3 am	Tue 4 am	Tue 5 am	Tue 6 am	Tue 7 am	Tue 8 am	Tue 9 am	Tue 10 am	Tue 11 am	Tue 12 pm	Tue 1 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

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

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Houston Pilots: MON. 10/28/2024



Forecast Discussion

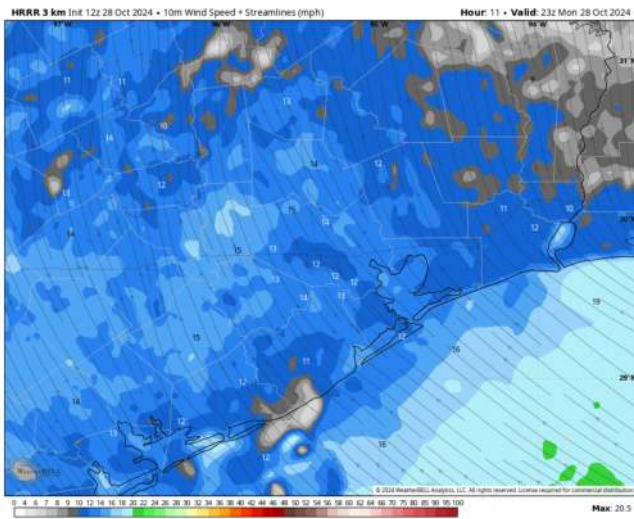
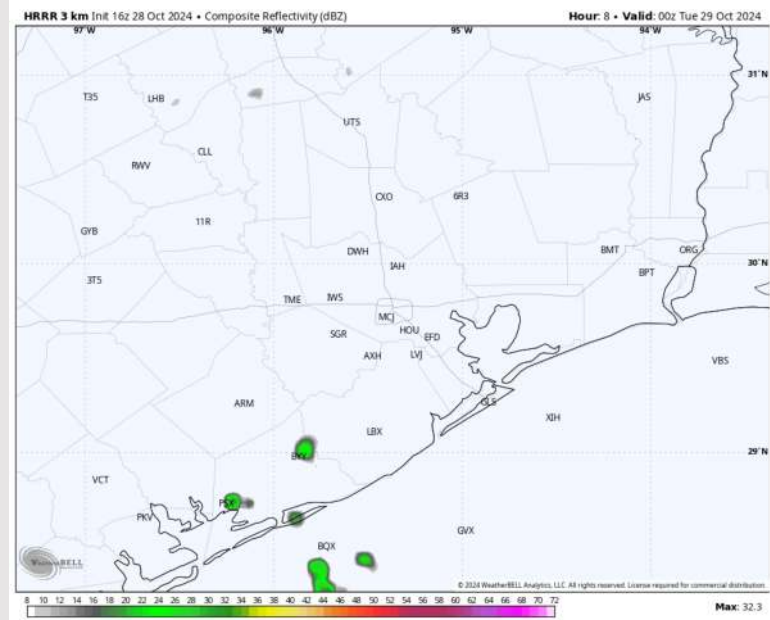
Precip: Favoring dry conditions throughout the rest of the day.

Wind: Winds will be out of the SE throughout the day. **N of Morgan's Point:** Winds will be at 8 – 13 kts for the rest of the day. **S of Morgan's Point:** Winds will be at 12 – 18 kts for the rest of the day. **Wind gusts of 20-25 kts will be possible for all Stations.**

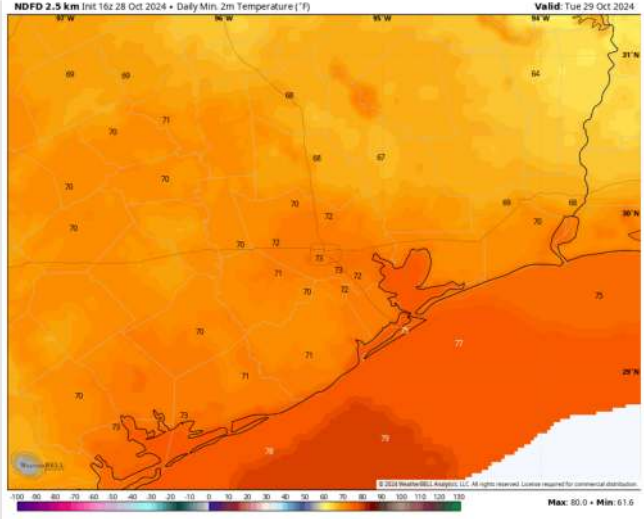
Low Temps: **N of Morgan's Point:** Low 70s F. **S of Morgan's Point:** Low to mid 70s F.

Visibility: No visibility concerns for the remainder of the day.

Precip Image: 7 PM CT



Wind Speed
6 PM CT



Low Temps
TUE AM

Houston Pilots: TUE. 10/29/2024



Forecast Discussion

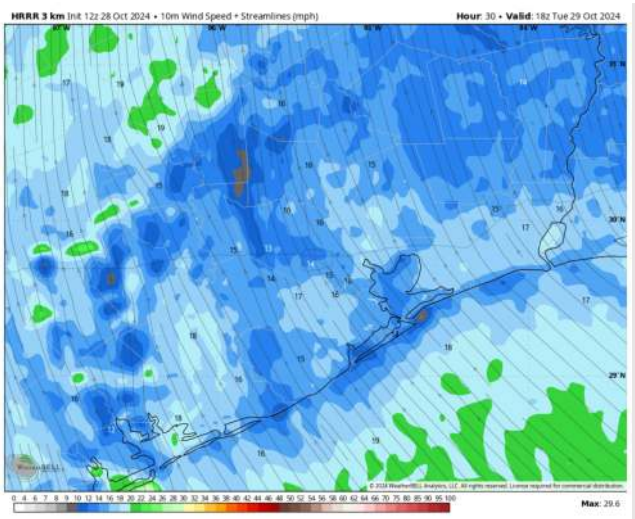
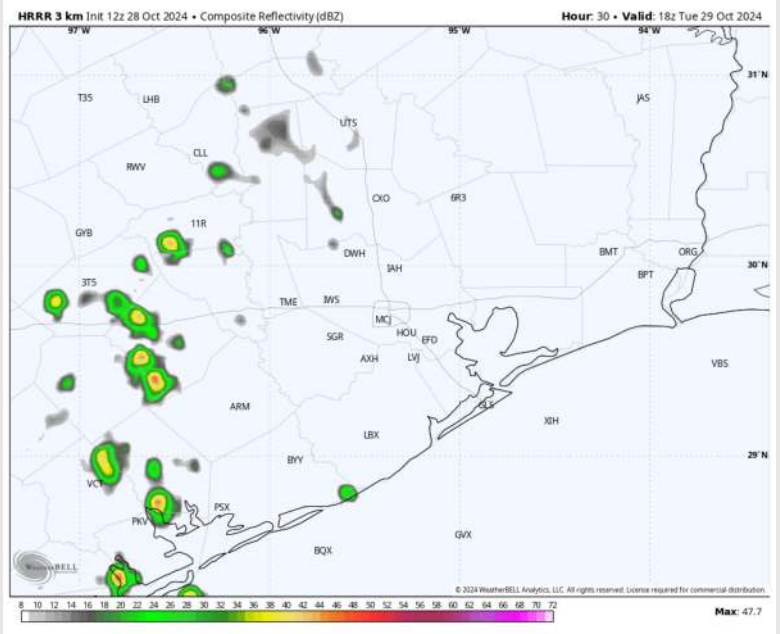
Precip: Favoring dry conditions for Tuesday.

Wind: Winds will be out of the SE throughout the day Tuesday. **N of Morgan's Point:** Winds will be at 5 – 10 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.**

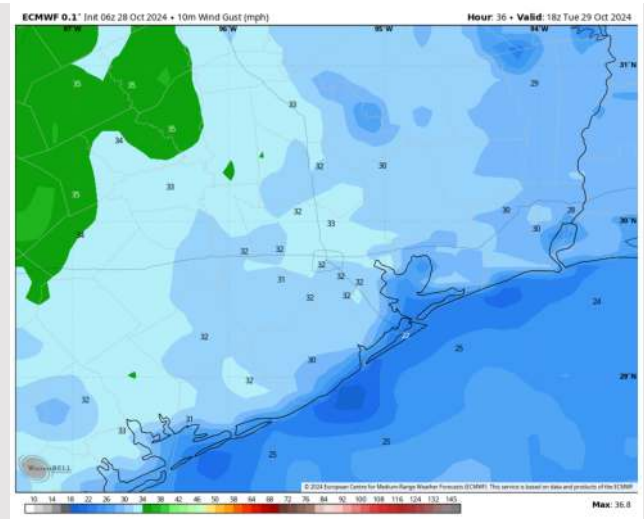
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Upper 70s - Low 80s F.

Visibility: No visibility concerns for Tuesday.

Precip Image: 1 PM CT



**Wind Speed:
1 PM CT**



**PEAK
Wind Gusts**

Houston Pilots: WED. 10/30/2024



Forecast Discussion

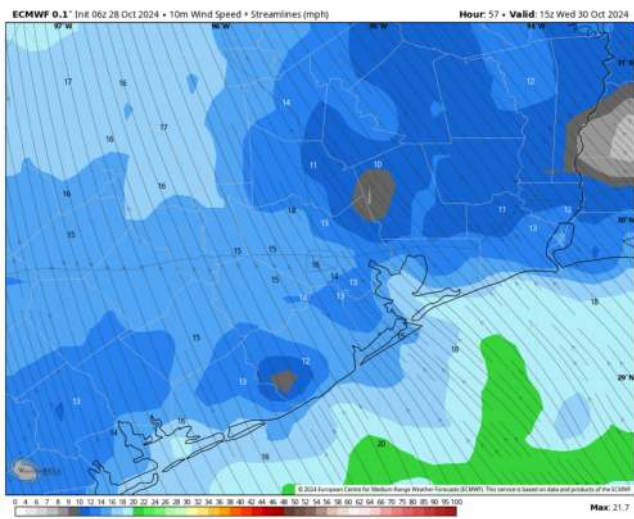
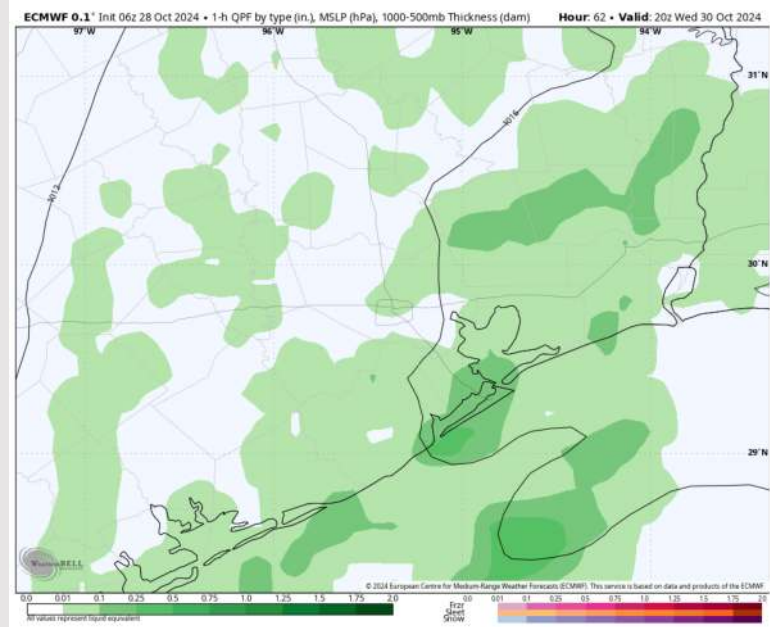
Precip: Favoring scattered showers to be in play between 8 AM and 7 PM. Highest coverage is anticipated from 12 PM to 5 PM.

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.**

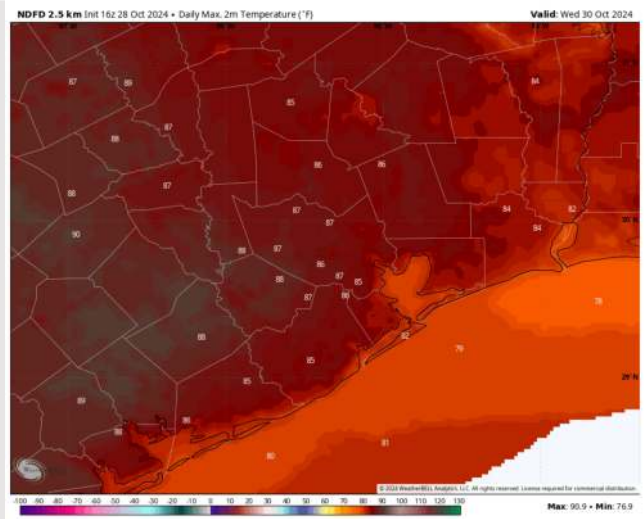
High Temps: **N of Morgan's Point:** Mid to upper 80s F. **S of Morgan's Point:** Upper 70s F to low 80s F.

Visibility: No visibility concerns for Wednesday.

Precip Image: 3 PM CT



Wind Speed:
10 AM CT

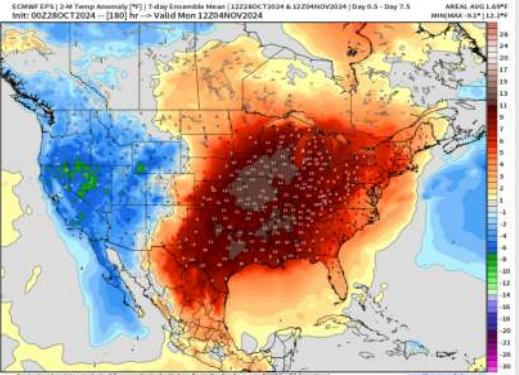


High Temps
Wednesday

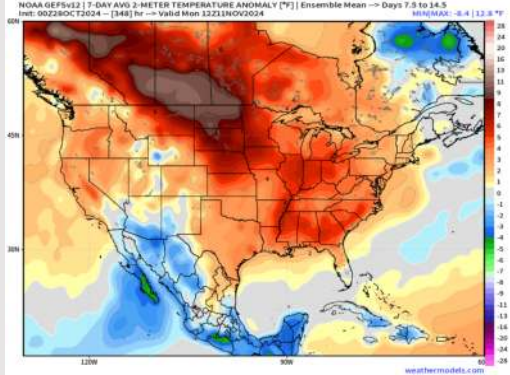
Houston Pilots: 10/28/24



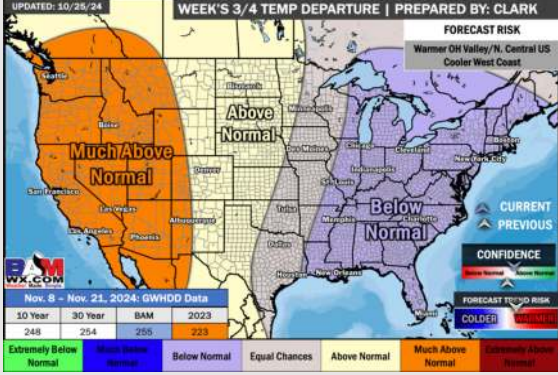
Next 7 Day Temperature Departure



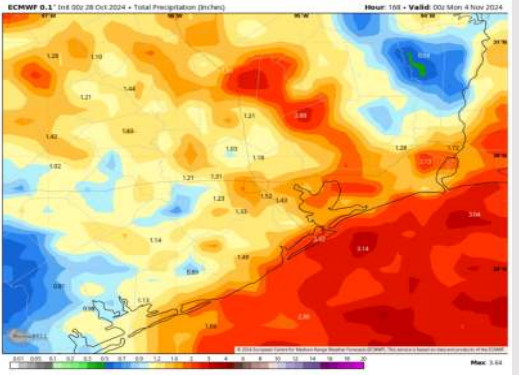
8-14 Day Temperature Departure



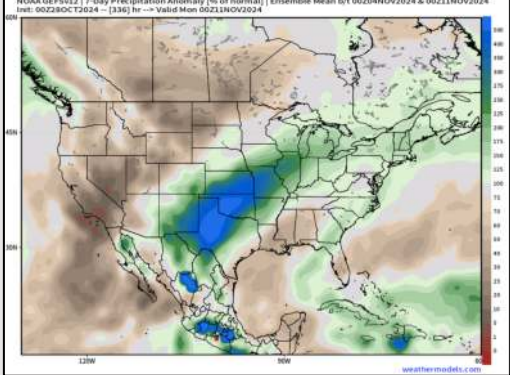
15-30 Day Temperature Departure



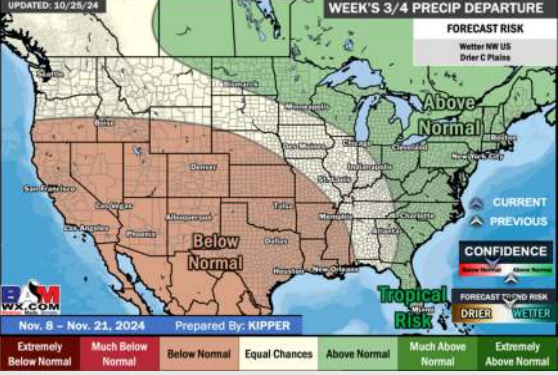
Next 7 Day Total Precipitation



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 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.