

Houston Pilots Forecast Package



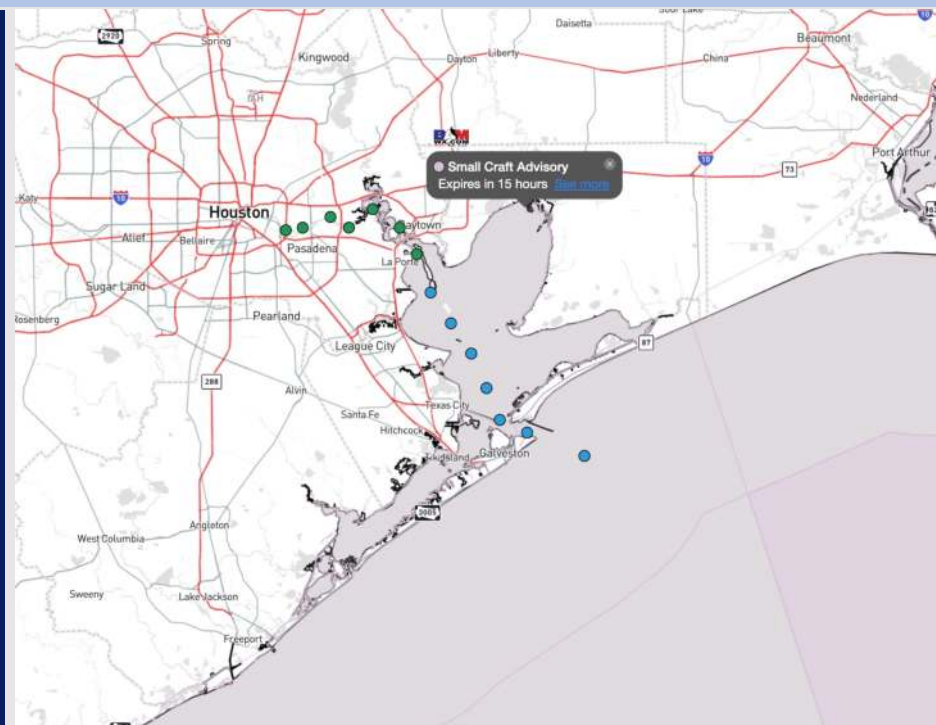
Updated: 10:45 PM CT

Tuesday, October 15, 2024

Forecaster: John Kemper

Weather Headlines

- Wave heights of 3' – 5' will be in play for the boarding station Wed AM – Thu AM. See slides below.
- **Strong front pushes in this AM, with gusts of 30kts + in play through PM.**
- Tracking two areas of interest in the Atlantic / Caribbean. See slides below.

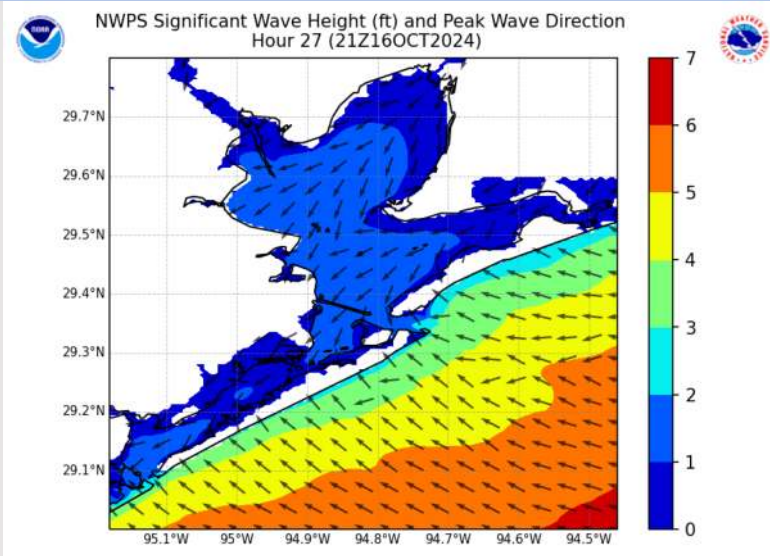


Current Radar: 10:30 PM CT



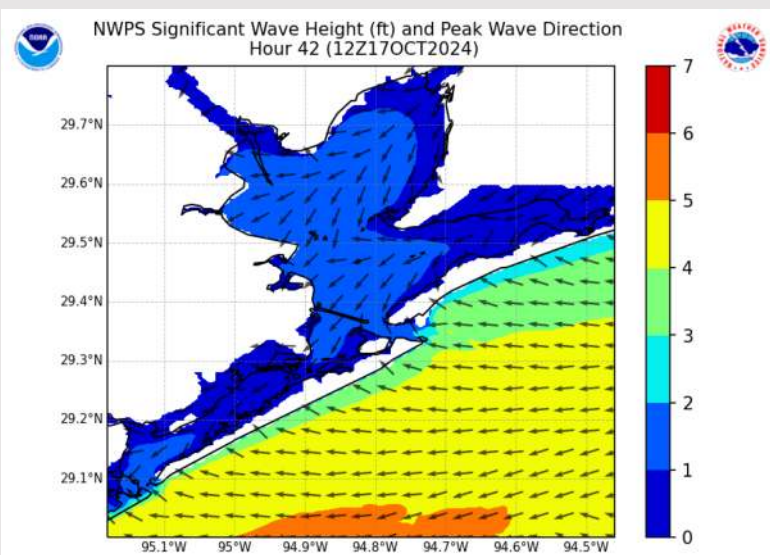
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Wave Height Forecast Update



4 PM CT WED

Wave heights will gradually increase to 3' - 4' from 10AM WED for the Boarding Station onward through 10PM CT WED. Then waves at the Boarding Station will increase to 4' - 5' through 10AM THU.



7 AM CT THU

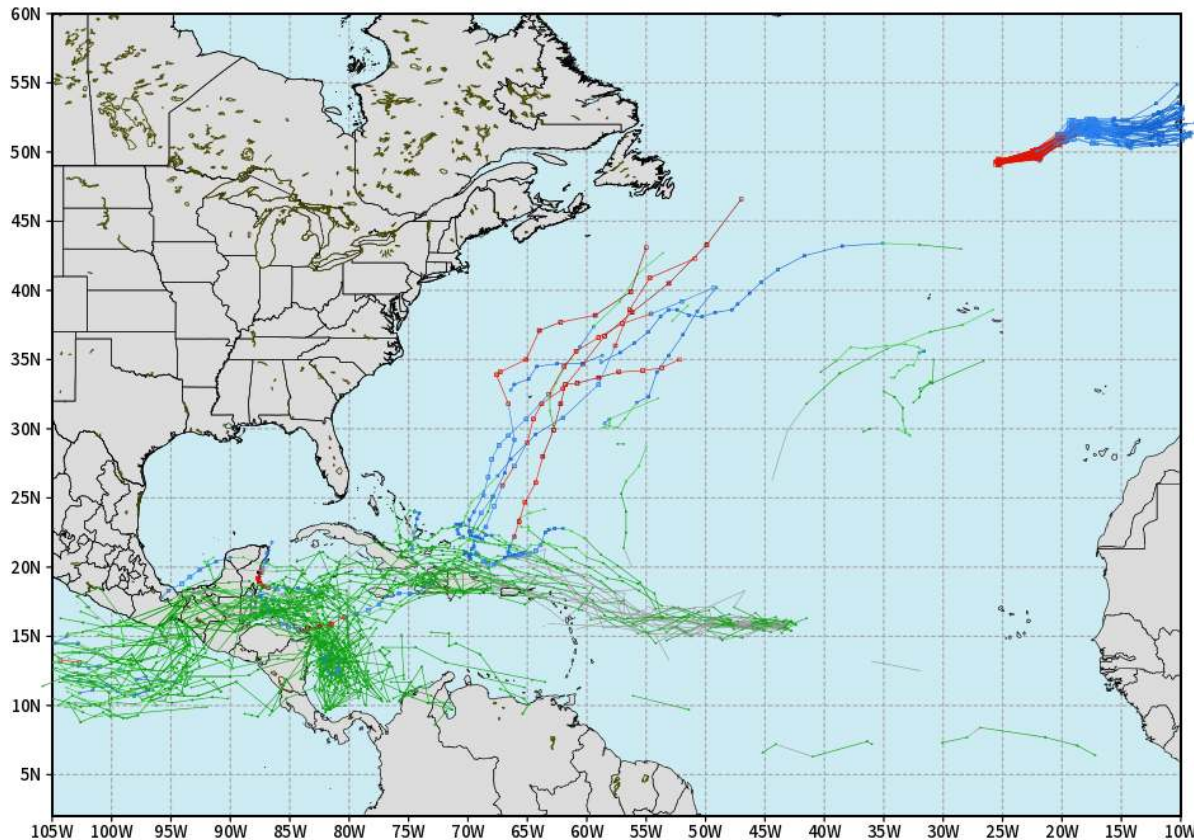
After 10 AM THU, waves will gradually decrease back to 4' at the Boarding Station. 3 - 4' waves will continue then until ~FRI PM. We will need to monitor for additional 4'+ waves for later in the weekend.

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z15OCT2024 --> UNTIL 12Z25OCT2024

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.

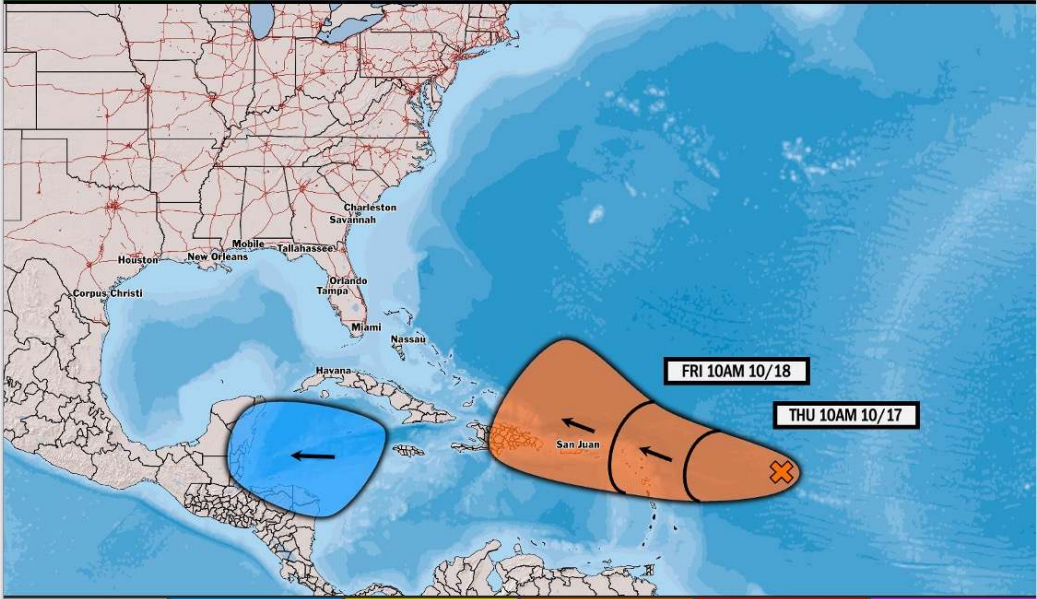
We continue to favor no threats for Houston favored in next 7 days.

Houston Pilots Tropical Update



 **Atlantic Tropical Update**

TROPICAL INSIGHT 11:00 PM ET Tuesday, October 15, 2024 Forecaster: Kemper



TIMING: THU 10/17 – SUN 10/20

- FORECAST NOTES:**
- ✓ **Blue Area of Interest:** Low End Chance of Tropical Development Between 10/18 – 10/20.
 - ✓ **Orange Area of Interest:** Tropical development will be possible between 10/17 – 10/19. Currently, it's too early to speculate on risks for US E Coast.



Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

NOTE: This is automated data that may/may not agree with the official B.A.M. 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	Wed 12 am	Wed 1 am	Wed 2 am	Wed 3 am	Wed 4 am	Wed 5 am	Wed 6 am	Wed 7 am	Wed 8 am	Wed 9 am	Wed 10 am	Wed 11 am	Wed 12 pm	Wed 1 pm	Wed 2 pm	Wed 3 pm	Wed 4 pm	Wed 5 pm	Wed 6 pm	Wed 7 pm	Wed 8 pm
Houston Pilots N - 610 Bridge	7 15 ↑	8 17 ↙	10 20 ↙	13 23 ↙	14 26 ↙	15 28 ↙	16 29 ↙	16 30 ↙	17 29 ↙	17 30 ↙	17 30 ↙	16 29 ↙	15 28 ↙	14 26 ↙	12 24 ↙	13 25 ↙	12 24 ↙	12 22 ↙	10 22 ↙	10 20 ↙	8 16 ↙
Houston Pilots M - Kinder 1	7 15 ↑	8 17 ↙	10 21 ↙	13 23 ↙	14 26 ↙	15 29 ↙	16 29 ↙	16 30 ↙	16 29 ↙	17 30 ↙	17 30 ↙	16 28 ↙	15 28 ↙	14 26 ↙	13 24 ↙	13 25 ↙	12 24 ↙	12 22 ↙	10 22 ↙	10 20 ↙	8 16 ↙
Houston Pilots L - Greens Bayou	7 15 ↑	8 17 ↙	10 22 ↙	13 24 ↙	14 28 ↙	15 30 ↙	15 30 ↙	16 31 ↙	16 30 ↙	16 31 ↙	16 30 ↙	15 28 ↙	15 26 ↙	14 25 ↙	13 24 ↙	13 25 ↙	13 24 ↙	12 22 ↙	10 21 ↙	10 20 ↙	8 16 ↙
Houston Pilots K - Shell Crude	7 15 ↑	8 17 ↙	10 21 ↙	13 24 ↙	14 28 ↙	15 31 ↙	15 31 ↙	16 32 ↙	16 31 ↙	17 32 ↙	17 31 ↙	15 29 ↙	15 26 ↙	14 25 ↙	13 24 ↙	13 25 ↙	13 25 ↙	12 22 ↙	10 21 ↙	10 18 ↙	8 16 ↙
Houston Pilots J - Lynchburg Ferries	7 15 ↖	8 17 ↙	10 22 ↙	12 25 ↙	13 29 ↙	15 31 ↙	15 31 ↙	15 32 ↙	15 31 ↙	16 32 ↙	16 31 ↙	15 28 ↙	15 26 ↙	14 25 ↙	13 24 ↙	14 25 ↙	13 24 ↙	12 22 ↙	10 21 ↙	10 18 ↙	8 15 ↙
Houston Pilots I - Exxon 3	12 17 ↖	15 20 ↙	17 23 ↙	20 26 ↙	22 31 ↙	24 32 ↙	24 33 ↙	24 33 ↙	23 33 ↙	23 33 ↙	22 31 ↙	21 29 ↙	20 28 ↙	18 25 ↙	16 24 ↙	16 24 ↙	15 24 ↙	14 22 ↙	14 22 ↙	13 21 ↙	13 17 ↙
Houston Pilots H - Morgans Point	12 16 ↑	14 18 ↙	16 22 ↙	20 26 ↙	22 31 ↙	24 32 ↙	24 33 ↙	24 33 ↙	23 35 ↙	23 33 ↙	22 32 ↙	21 30 ↙	20 28 ↙	18 26 ↙	16 24 ↙	16 25 ↙	16 24 ↙	15 22 ↙	15 22 ↙	14 21 ↙	13 18 ↙
Houston Pilots G - 75/76	13 17 ↖	15 20 ↙	17 23 ↙	21 29 ↙	24 33 ↙	26 37 ↙	28 39 ↙	28 39 ↙	26 38 ↙	25 37 ↙	23 35 ↙	23 33 ↙	22 32 ↙	21 30 ↙	18 26 ↙	18 28 ↙	16 26 ↙	16 24 ↙	16 24 ↙	15 22 ↙	15 21 ↙
Houston Pilots F - 63/64	13 17 ↖	14 20 ↙	16 23 ↙	21 29 ↙	24 33 ↙	26 37 ↙	28 39 ↙	28 40 ↙	28 38 ↙	26 36 ↙	24 33 ↙	23 32 ↙	23 30 ↙	21 28 ↙	18 26 ↙	18 28 ↙	17 26 ↙	16 25 ↙	16 24 ↙	16 23 ↙	15 21 ↙
Houston Pilots E - 51/52	12 16 ↖	13 18 ↙	15 22 ↙	20 28 ↙	24 32 ↙	26 37 ↙	28 39 ↙	28 39 ↙	28 39 ↙	26 37 ↙	24 36 ↙	24 33 ↙	23 31 ↙	21 28 ↙	18 28 ↙	18 28 ↙	17 26 ↙	17 25 ↙	17 25 ↙	17 24 ↙	16 23 ↙
Houston Pilots D - 37/38	10 16 ↖	13 17 ↙	15 21 ↙	20 26 ↙	23 32 ↙	26 37 ↙	26 39 ↙	28 40 ↙	28 39 ↙	26 38 ↙	24 36 ↙	24 33 ↙	23 32 ↙	21 29 ↙	18 29 ↙	18 29 ↙	18 26 ↙	18 26 ↙	17 25 ↙	17 24 ↙	16 23 ↙
Houston Pilots C - 25/26	10 15 ↖	12 17 ↙	14 21 ↙	17 25 ↙	22 32 ↙	24 36 ↙	26 38 ↙	26 39 ↙	26 39 ↙	24 39 ↙	24 38 ↙	22 37 ↙	22 35 ↙	21 32 ↙	18 29 ↙	18 29 ↙	18 28 ↙	18 26 ↙	17 25 ↙	17 25 ↙	16 24 ↙
Houston Pilots B - 11/12	8 15 ↖	10 17 ↙	12 20 ↙	15 24 ↙	20 31 ↙	22 35 ↙	24 37 ↙	24 39 ↙	24 38 ↙	24 38 ↙	24 37 ↙	22 36 ↙	22 33 ↙	21 32 ↙	18 29 ↙	18 29 ↙	18 28 ↙	17 26 ↙	17 25 ↙	17 25 ↙	15 24 ↙
Houston Pilots A - 1 & 2 Bravo	10 16 ↖	13 17 ↙	14 21 ↙	18 26 ↙	23 32 ↙	26 38 ↙	29 41 ↙	29 41 ↙	29 41 ↙	29 41 ↙	29 40 ↙	26 37 ↙	25 37 ↙	24 35 ↙	21 32 ↙	22 32 ↙	21 31 ↙	21 30 ↙	21 30 ↙	20 29 ↙	17 26 ↙

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.

Forecast Discussion

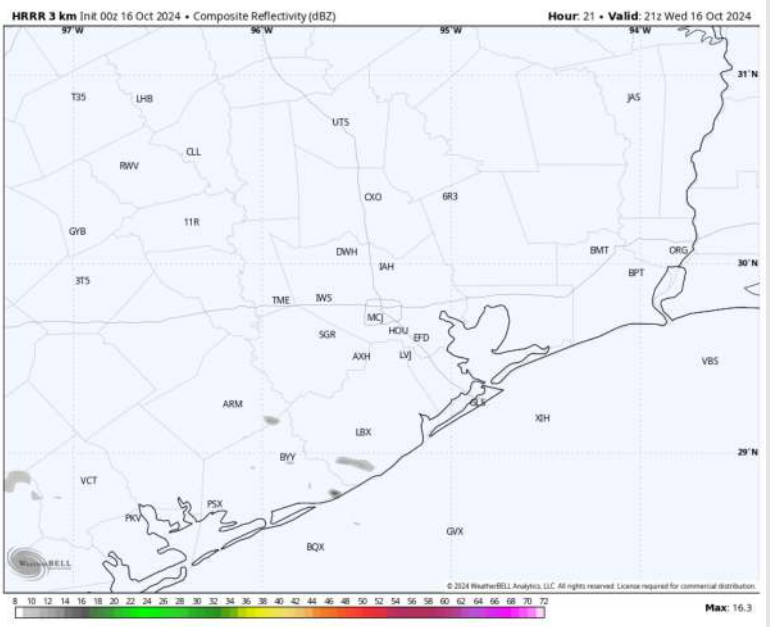
Precip: Favoring dry conditions for today.

Wind: A strong cold front will push in from the NNE. Winds quickly shift out of the S/SW to out of the NE/ENE between 12 – 2AM, and remain there for the rest of the day. **N of Morgan’s Point:** Winds will be at 15 – 20 kts, decreasing to 5 – 10 kts after 5 PM. **Gusts of 20-25 kts in play through 5PM.** **S of Morgan’s Point:** Winds will be at 25 – 30 kts through 5 PM, decreasing to 14 – 18 kts thereafter. **Gusts of 30-35 kts in play through 5 PM, decreasing to 20-25 kts after that time.** Some gusts may reach 40 kts near the Boarding Station.

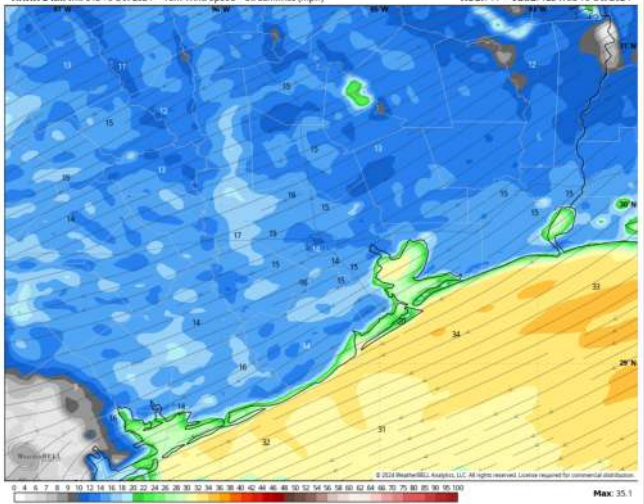
High Temps: **N of Morgan’s Point:** Mid to upper 70s F. **S of Morgan’s Point:** Lower to mid 70s F.

Visibility: No visibility concerns for today.

Precip Image: 4 PM CT



HRRR 3 km Init 01z 16 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 11 • Valid: 12z Wed 16 Oct 2024



Wind Speed
7 AM CT

HRRR 3 km Init 00z 16 Oct 2024 • 10m Wind Gust (mph) Hour: 13 • Valid: 13z Wed 16 Oct 2024



MAX Wind
Gusts - WED

Houston Pilots: THU. 10/17/2024



Forecast Discussion

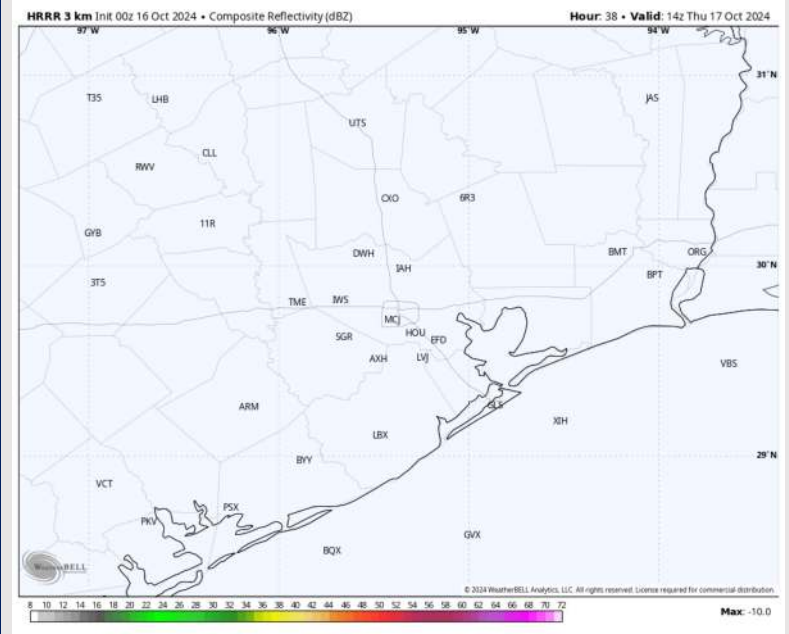
Precip: Favoring dry conditions for Thursday.

Wind: Winds will be generally out of the E/ENE throughout Thursday. **N of Morgan's Point:** Winds will be at 5 – 10 kts for the entire day. **S of Morgan's Point:** Winds will be at 12 – 17 kts through 6PM. After 6PM, winds will return to the 8 - 13 kts for the rest of the evening. **Wind gusts up to 20 - 25 kts are possible for Stations S. of Morgan's Point from 12AM - 2PM.**

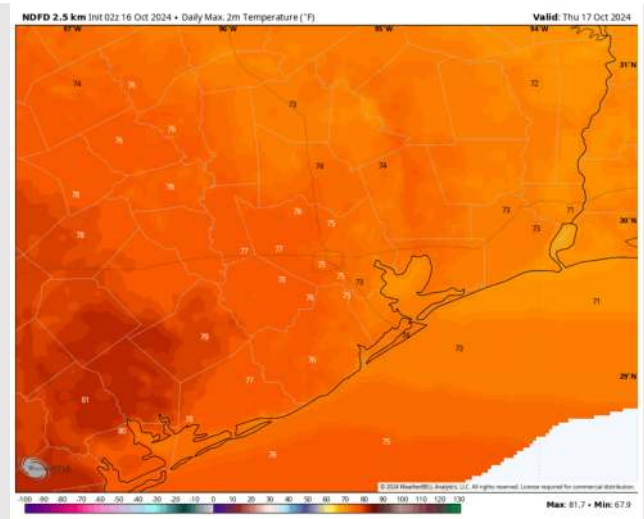
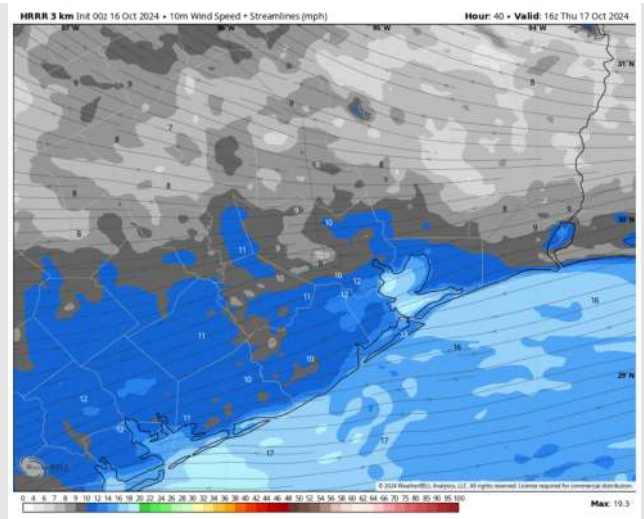
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Lower 70s F.

Visibility: Not favoring any fog concerns for Thursday.

Precip Image: 9 AM CT



Wind Speed:
11 AM CT



High Temps
Thursday

Houston Pilots: FRI. 10/18/2024



Forecast Discussion

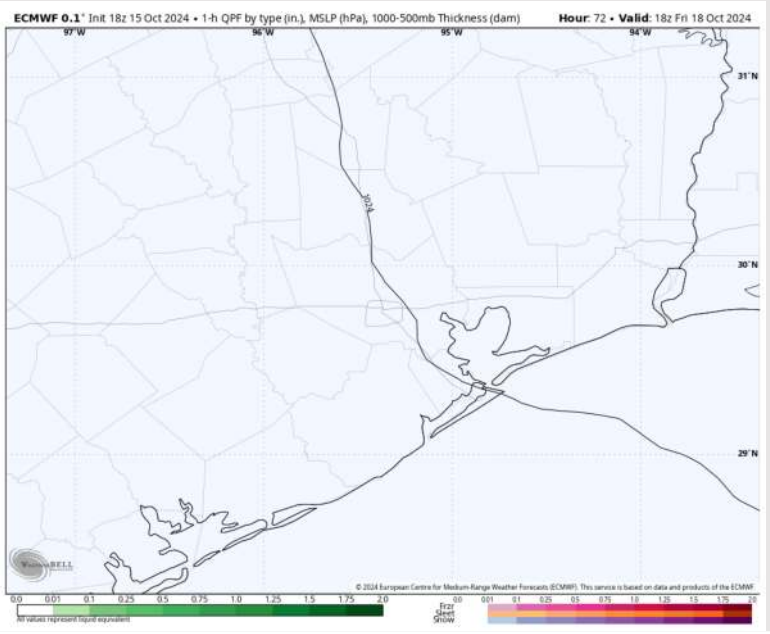
Precip: Favoring dry conditions for Friday.

Wind: Winds will start out of the E through 4AM before slowly veering out of the SE through 7AM, and remaining there for the rest of Friday. **N of Morgan's Point:** Winds will be sustained at 9 - 14 kts for all of Friday. **S of Morgan's Point:** Winds at 13 - 18 kts for all of Friday.

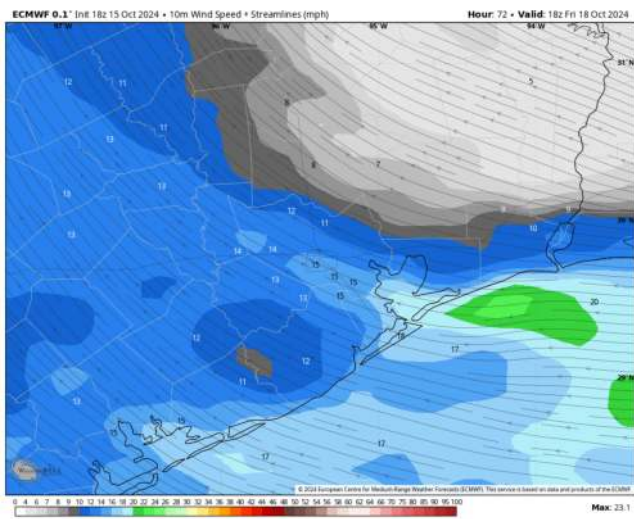
High Temps: **N of Morgan's Point:** Upper 70s F. **S of Morgan's Point:** Mid 70s F

Visibility: Not fog concerns for Friday.

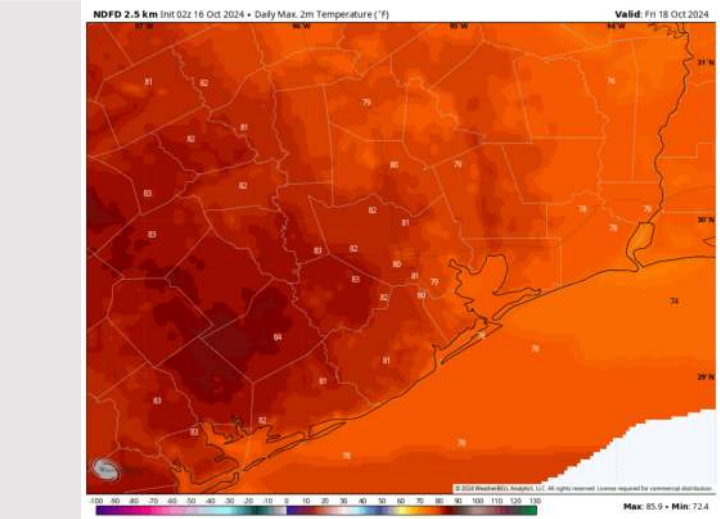
Precip Image: 1 PM CT



Wind Speed: 1 PM CT



Wind Speed:
1 PM CT

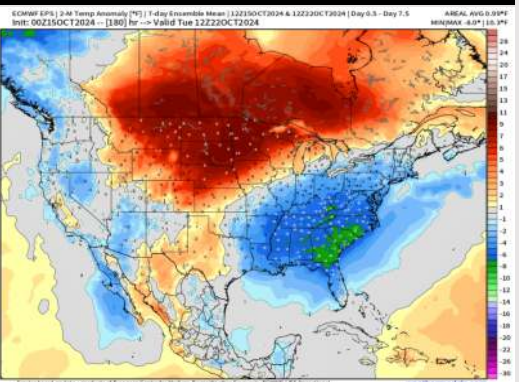


High Temps
Friday

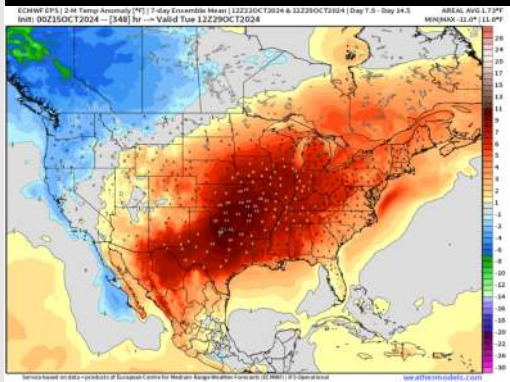
Houston Pilots: 10/16/24



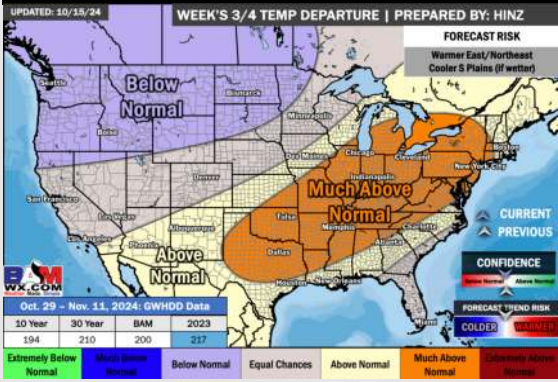
Next 7 Day Temperature Departure



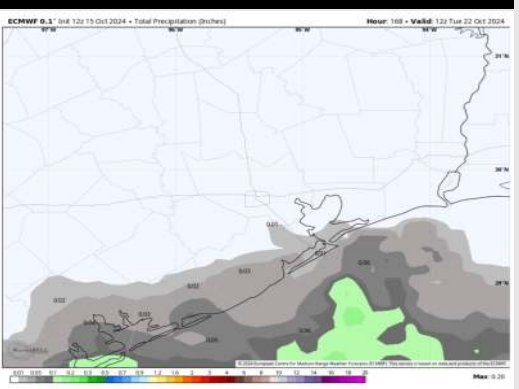
8-14 Day Temperature Departure



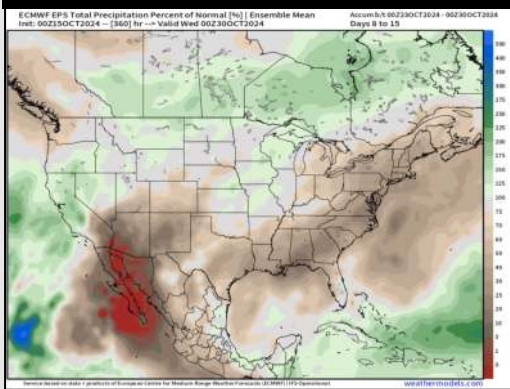
15-30 Day Temperature Departure



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.