

Houston Pilots Forecast Package



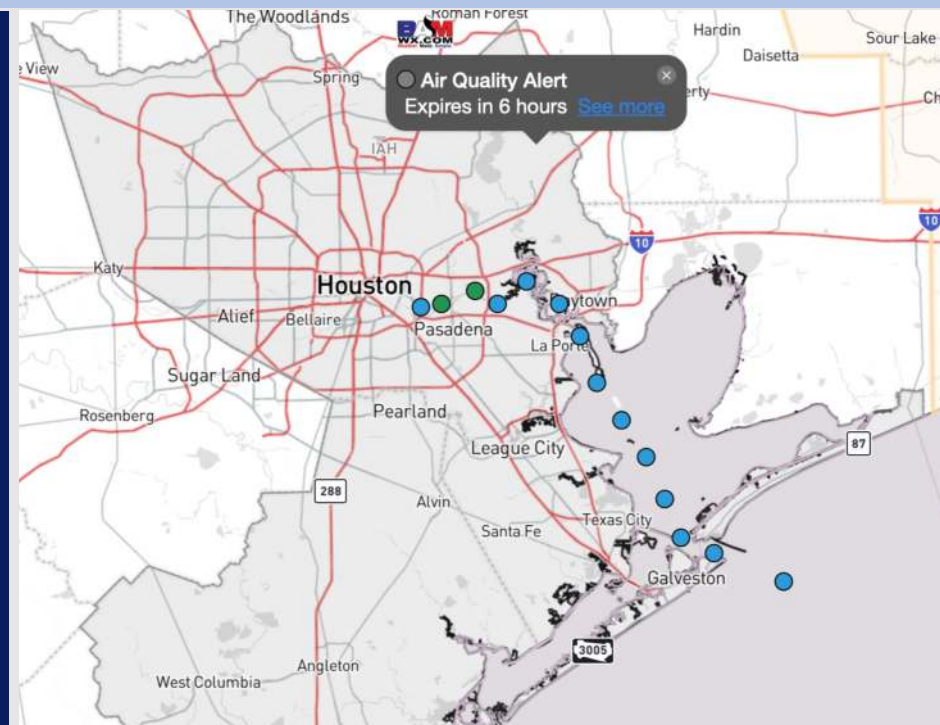
Updated: 1:30 PM CT

Tuesday, October 15, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Dry conditions are favored through much of the week with isolated rain chances entering by late week.
- **Strong front pushes in Wednesday AM, with gusts of 30kts + in play!**
- No fog concerns over the next 72 hours.

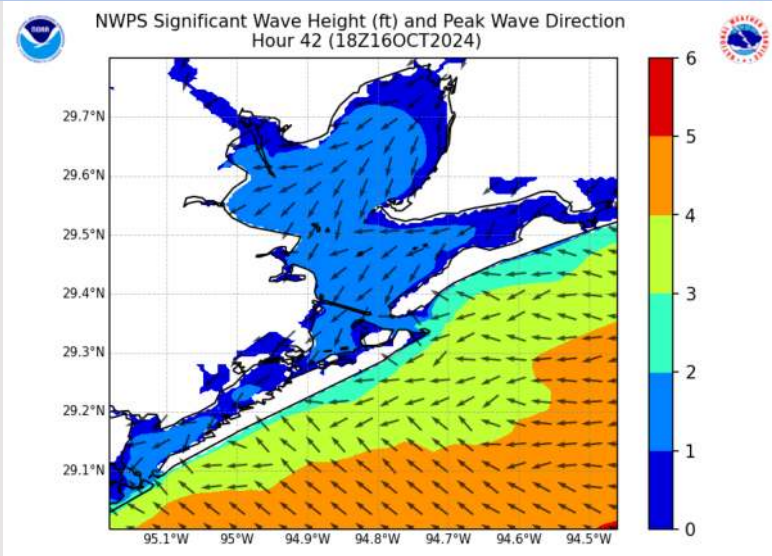


Current Radar: 1:00 PM CT



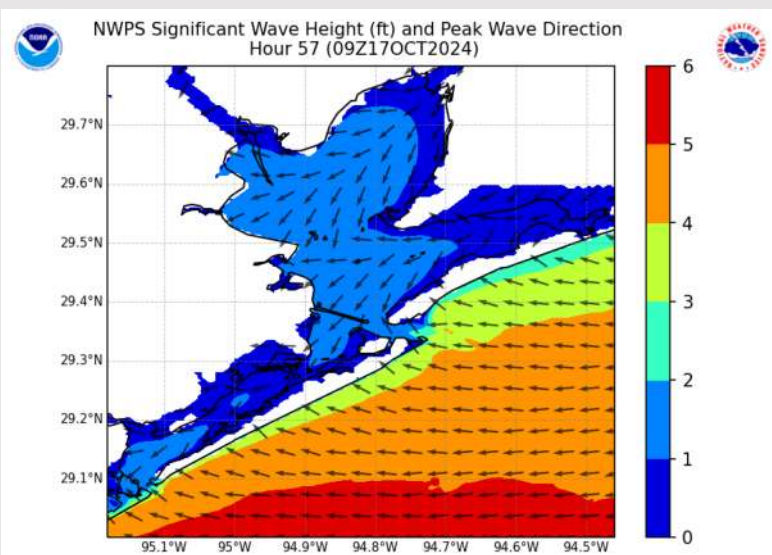
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Wave Height Forecast Update



1 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 5'.



4 AM CT THU

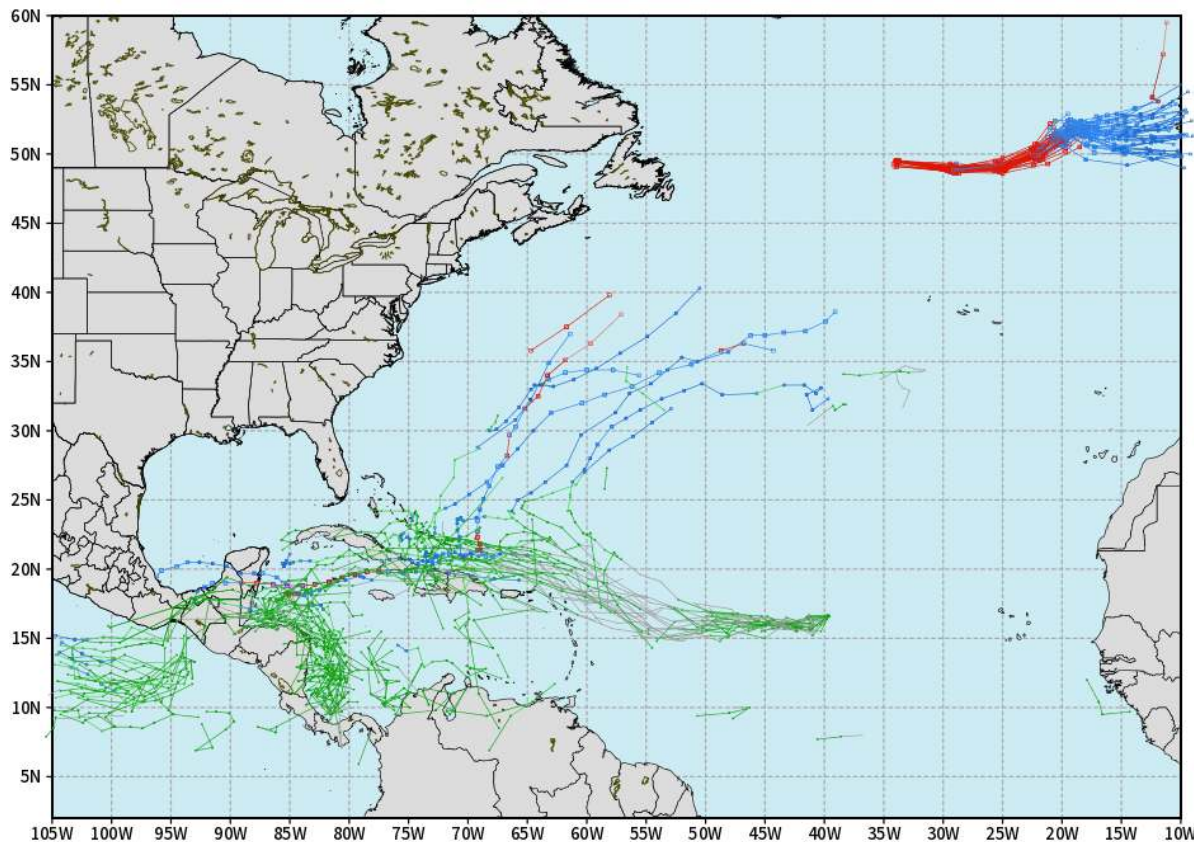
Beginning at 10 AM THU, waves will gradually decrease back to 4' at the Boarding Station. 3 – 4' waves will continue then until SAT AM, then waves will increase again to 4 – 5' at the Boarding Station.

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z15OCT2024 --> UNTIL 00Z25OCT2024

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

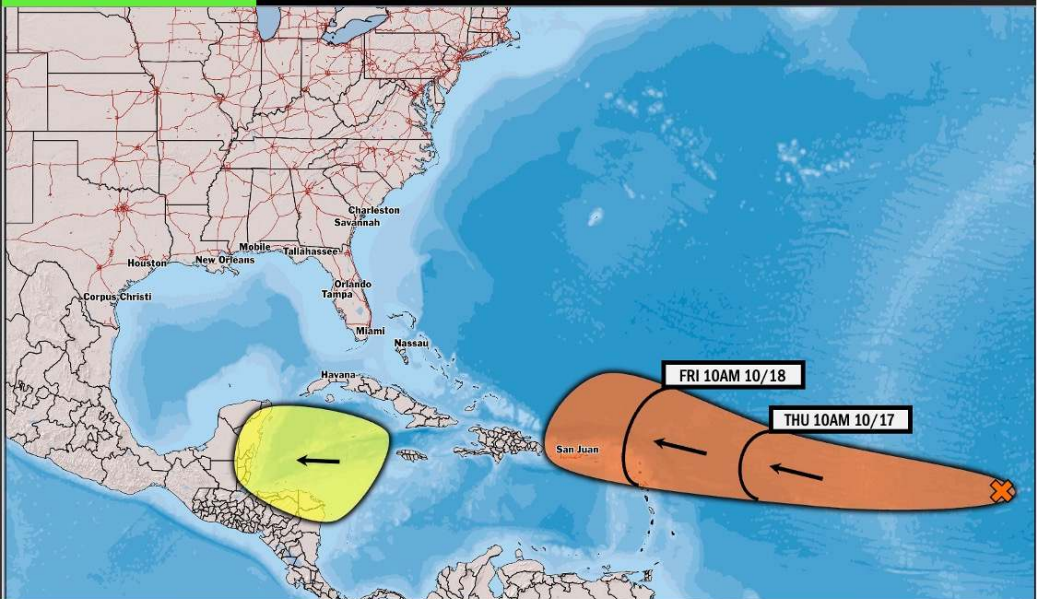
We are tracking the potential for a tropical system to develop E of the Lesser Antilles later this week. In addition, there is a low-end threat in the Caribbean for additional development towards the weekend. We continue to favor no threats for Houston favored in next 7 days.

Houston Pilots Tropical Update



CLARITY Atlantic Tropical Update

TROPICAL INSIGHT 8:00 PM ET Monday, October 14, 2024 Forecaster: Kemper



Formation Chances	0 - 20%	20%-40%	40%-60%	60%-80%	80% - 100%
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TIMING: THU 10/17 – SUN 10/20

FORECAST NOTES:

- ✓ **Yellow Area of Interest:** Low End Chance of Tropical Development Between 10/18 – 10/20.
- ✓ **Orange Area of Interest:** Slowly increasing confidence for tropical development between 10/17 – 10/19. Risk is system makes more of a northerly turn and stays out to sea.



Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Tue 2 pm	Tue 3 pm	Tue 4 pm	Tue 5 pm	Tue 6 pm	Tue 7 pm	Tue 8 pm	Tue 9 pm	Tue 10 pm	Tue 11 pm	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
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



Sustained wind 10 Knots
 Gusts 15 Knots
 Wind from the SE

Example



Wind	Tue 2 pm	Tue 3 pm	Tue 4 pm	Tue 5 pm	Tue 6 pm	Tue 7 pm	Tue 8 pm	Tue 9 pm	Tue 10 pm	Tue 11 pm	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	
Houston Pilots N - 610 Bridge	5 10 →	5 9 →	5 9 →	3 9 →	3 9 →	5 9 ↖	5 9 ↖	5 9 ↖	5 10 ↖	6 12 ↖	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 ↖	
Houston Pilots M - Kinder 1	5 10 →	5 9 →	5 9 →	3 9 →	3 9 →	5 9 ↖	5 9 ↖	5 9 ↖	5 10 ↖	6 12 ↖	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 ↖	
Houston Pilots L - Greens Bayou	5 9 →	5 9 →	5 9 →	3 9 →	5 9 →	5 9 ↖	5 9 ↖	5 9 ↖	5 10 ↖	6 12 ↖	7 15 ↖	8 17 ↖	10 22 ↖	13 24 ↖	14 28 ↖	15 30 ↖	15 30 ↖	16 31 ↖	16 30 ↖	16 31 ↖	16 30 ↖	16 30 ↖	15 28 ↖	15 26 ↖	14 25 ↖
Houston Pilots K - Shell Crude	5 9 →	5 9 →	5 9 →	3 9 →	5 9 →	5 9 ↖	5 9 ↖	5 9 ↖	5 10 ↖	6 12 ↖	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 ↖	
Houston Pilots J - Lynchburg Ferries	3 9 →	3 8 →	3 8 →	3 9 →	3 9 →	5 9 ↖	5 9 ↖	5 9 ↖	5 10 ↖	6 12 ↖	7 15 ↖	8 17 ↖	10 22 ↖	12 25 ↖	13 29 ↖	15 31 ↖	15 31 ↖	15 32 ↖	15 31 ↖	16 32 ↖	16 31 ↖	16 31 ↖	15 28 ↖	15 26 ↖	14 25 ↖
Houston Pilots I - Exxon 3	6 10 →	6 10 →	6 10 →	6 10 →	6 10 ↖	7 10 ↖	8 12 ↖	8 12 ↖	8 13 ↖	9 14 ↖	12 17 ↖	15 20 ↖	17 23 ↖	20 26 ↖	22 31 ↖	24 32 ↖	24 33 ↖	24 33 ↖	23 33 ↖	23 33 ↖	22 31 ↖	22 31 ↖	21 29 ↖	20 28 ↖	18 25 ↖
Houston Pilots H - Morgans Point	6 10 →	6 10 →	6 10 →	6 10 ↖	6 10 ↖	7 12 ↖	8 12 ↖	8 12 ↖	8 13 ↖	9 14 ↖	12 16 ↖	14 18 ↖	16 22 ↖	20 26 ↖	22 31 ↖	24 32 ↖	24 33 ↖	24 33 ↖	23 35 ↖	23 33 ↖	22 32 ↖	22 32 ↖	21 30 ↖	20 28 ↖	18 26 ↖
Houston Pilots G - 75/76	6 10 ↖	6 10 ↖	6 10 ↖	6 10 ↖	7 12 ↖	8 13 ↖	8 13 ↖	9 13 ↖	9 13 ↖	10 15 ↖	13 17 ↖	15 20 ↖	17 23 ↖	21 29 ↖	24 33 ↖	26 37 ↖	28 39 ↖	28 39 ↖	26 38 ↖	26 37 ↖	25 35 ↖	23 33 ↖	22 32 ↖	21 30 ↖	
Houston Pilots F - 63/64	5 ↑	5 ↖	6 ↖	6 ↖	7 ↖	8 ↖	8 ↖	9 ↖	9 ↖	10 ↖	13 ↖	14 ↖	16 ↖	21 ↖	24 ↖	26 ↖	28 ↖	28 ↖	28 ↖	26 ↖	26 ↖	26 ↖	24 ↖	23 ↖	21 ↖
Houston Pilots E - 51/52	5 →	5 ↖	6 ↖	6 ↖	7 ↖	8 ↖	8 ↖	9 ↖	9 ↖	12 ↖	13 ↖	15 ↖	20 ↖	24 ↖	26 ↖	28 ↖	28 ↖	29 ↖	28 ↖	28 ↖	26 ↖	26 ↖	24 ↖	23 ↖	21 ↖
Houston Pilots D - 37/38	6 →	6 ↖	6 ↖	6 ↖	7 ↖	8 ↖	8 ↖	9 ↖	9 ↖	10 ↖	13 ↖	14 ↖	16 ↖	21 ↖	24 ↖	26 ↖	28 ↖	28 ↖	28 ↖	26 ↖	26 ↖	24 ↖	23 ↖	21 ↖	
Houston Pilots C - 25/26	6 →	6 ↖	6 ↖	7 ↖	8 ↖	8 ↖	8 ↖	8 ↖	9 ↖	10 ↖	12 ↖	14 ↖	17 ↖	21 ↖	24 ↖	26 ↖	28 ↖	26 ↖	26 ↖	26 ↖	24 ↖	24 ↖	22 ↖	21 ↖	
Houston Pilots B - 11/12	6 →	6 ↖	6 ↖	7 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	8 ↖	10 ↖	12 ↖	15 ↖	20 ↖	22 ↖	24 ↖	24 ↖	24 ↖	24 ↖	24 ↖	24 ↖	22 ↖	22 ↖	21 ↖
Houston Pilots A - 1 & 2 Bravo	7 →	7 ↖	8 ↖	8 ↖	8 ↖	8 ↖	9 ↖	9 ↖	9 ↖	10 ↖	13 ↖	14 ↖	16 ↖	21 ↖	24 ↖	26 ↖	29 ↖	29 ↖	29 ↖	29 ↖	29 ↖	29 ↖	26 ↖	25 ↖	24 ↖

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Forecast Discussion

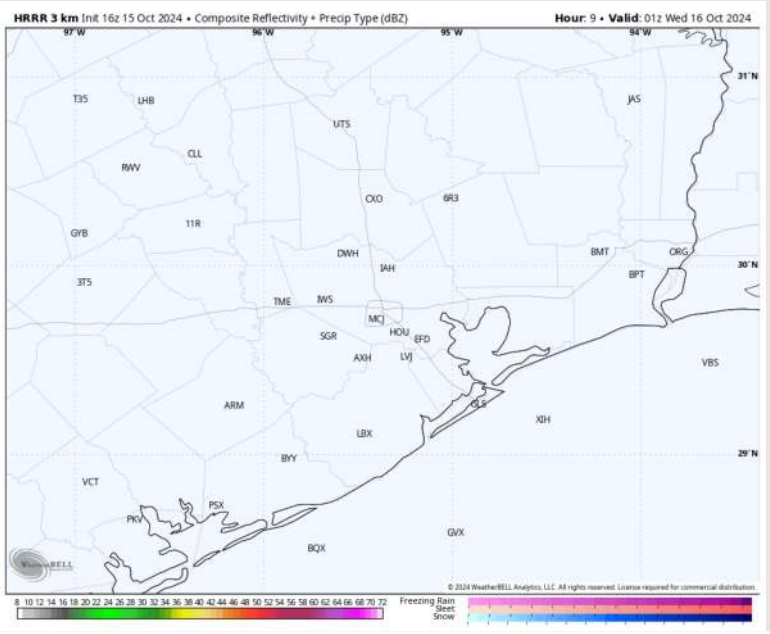
Precip: Favoring dry conditions for this PM.

Wind: Winds will be generally out of the W/SW through 6PM before slowly veering out of the south for the remainder of the evening. **N of Morgan's Point:** Winds will be sustained at 3 - 7 kts for the entire day. **S of Morgan's Point:** Winds at 8 - 13 kts through the rest of the day.

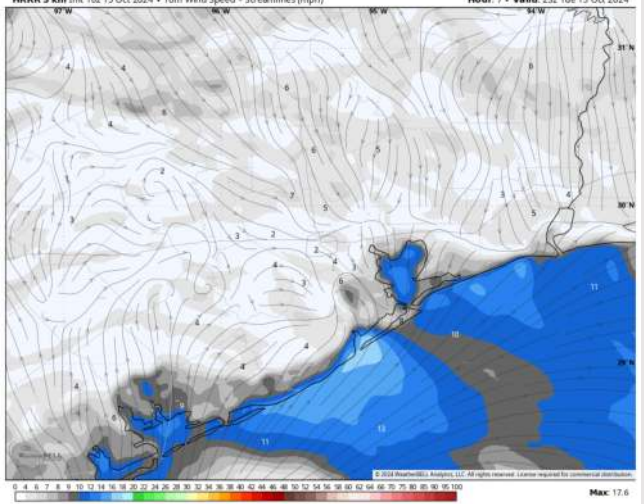
Low Temps: **N of Morgan's Point:** Low 60s F. **S of Morgan's Point:** Upper 60s F

Visibility: Not anticipating any visibility concerns.

Precip Image: 8 PM CT

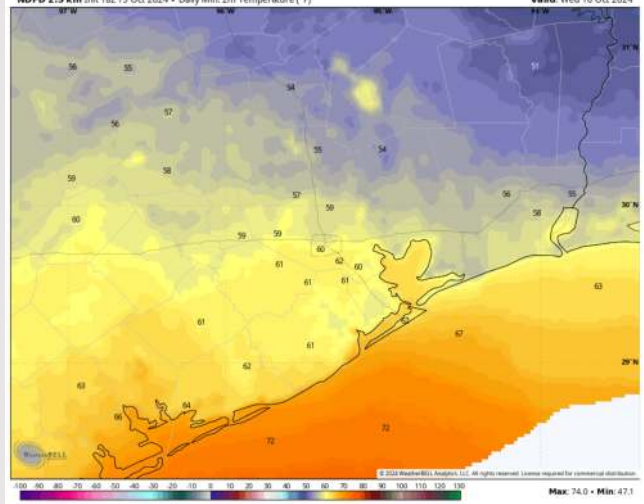


HRRR 3 km Init 16z 15 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 7 • Valid: 23z Tue 15 Oct 2024



Wind Speed:
6 PM CT

NDFD 2.5 km Init 18z 15 Oct 2024 • Daily Min. 2m Temperature (°F) Valid: Wed 16 Oct 2024



Low Temps
WED AM

Forecast Discussion

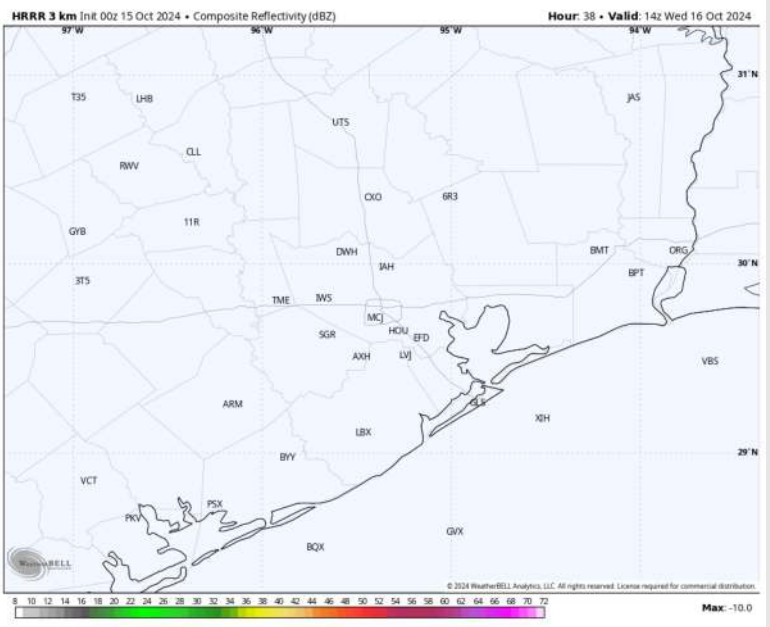
Precip: Favoring dry conditions for Wednesday.

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 shortly after midnight, 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 7 PM. **Gusts of 20-25 kts in play through 5PM.** **S of Morgan's Point:** Winds will be at 22 – 32 kts through 7 PM, decreasing to 13 – 18 kts thereafter. **Gusts of 30-35 kts in play through 2 PM, decreasing to 20-25 kts after that time.** Some gusts may reach 40 kts near the Boarding Station.

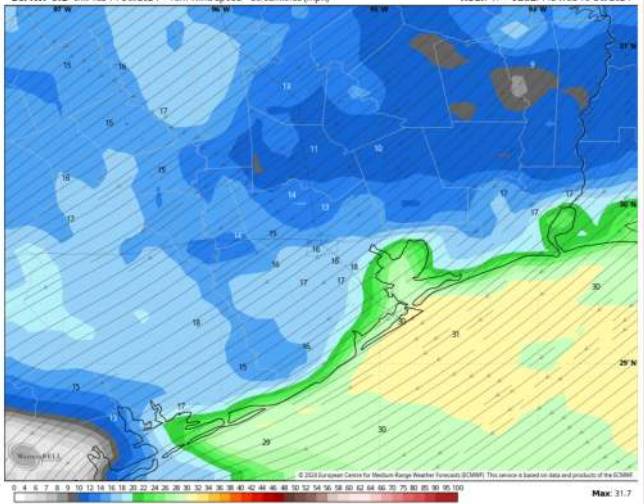
High Temps: **N of Morgan's Point:** Mid to upper 70s F. **S of Morgan's Point:** Lower to mid 70s F.

Visibility: No visibility concerns for Wednesday.

Precip Image: 9 AM CT

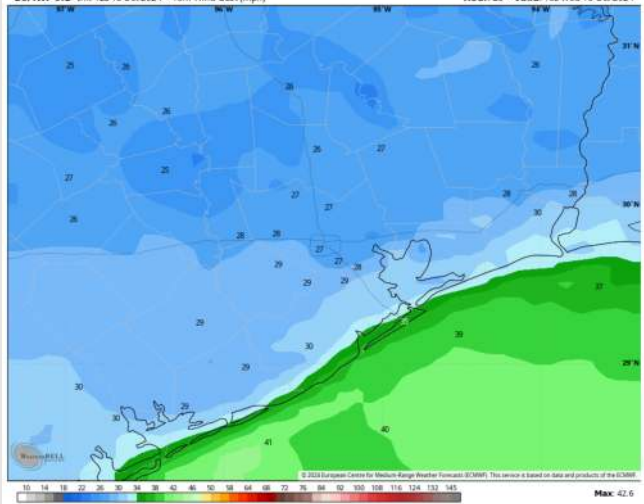


ECMWF 0.1° Init 18z 14 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 41 • Valid: 11z Wed 16 Oct 2024



Wind Speed
6 AM CT

ECMWF 0.1° Init 12z 15 Oct 2024 • 10m Wind Gust (mph) Hour: 28 • Valid: 16z Wed 16 Oct 2024



Wind Gusts
11 AM CT

Houston Pilots: THU. 10/17/2024



Forecast Discussion

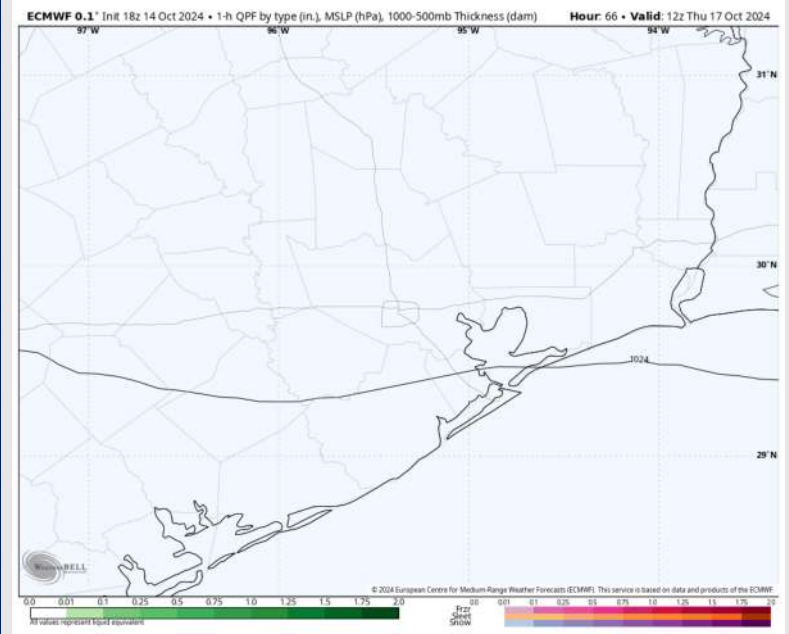
Precip: Favoring dry conditions for Thursday.

Wind: Winds will be generally out of the ENE throughout Thursday. **N of Morgan's Point:** Winds will be at 4 – 9 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 kts are possible for Stations S. of Morgan's Point from 4AM - 2PM.**

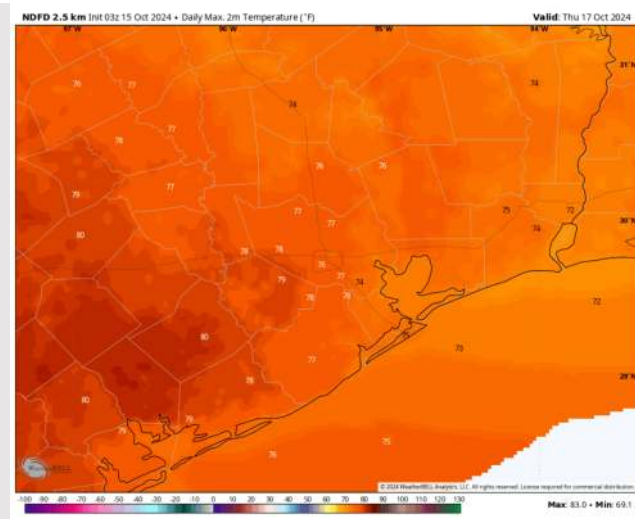
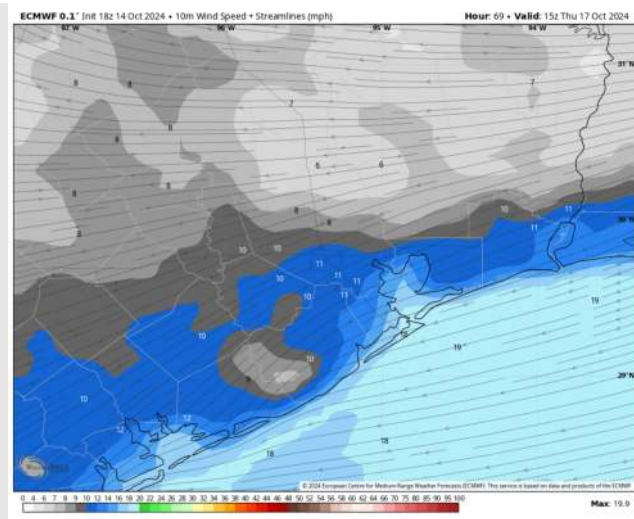
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Lower 70s F.

Visibility: Not favoring any fog concerns for Thursday.

Precip Image: 7 AM CT

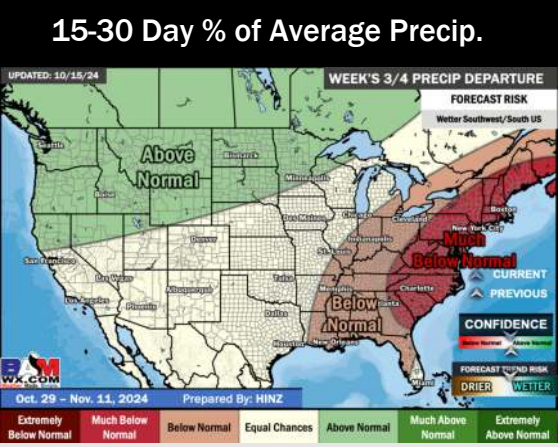
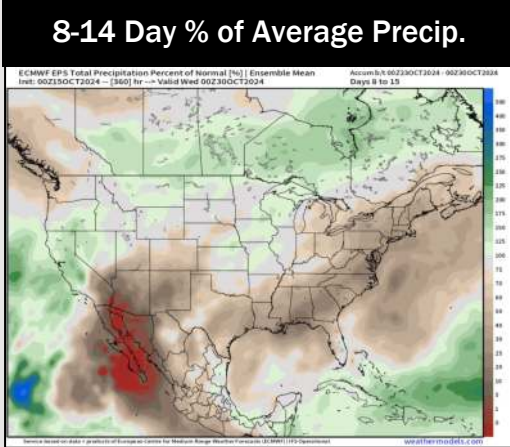
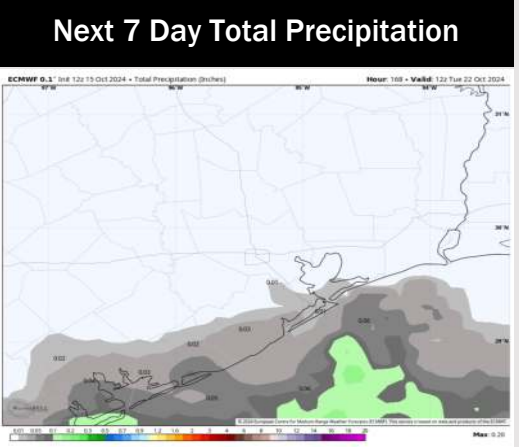
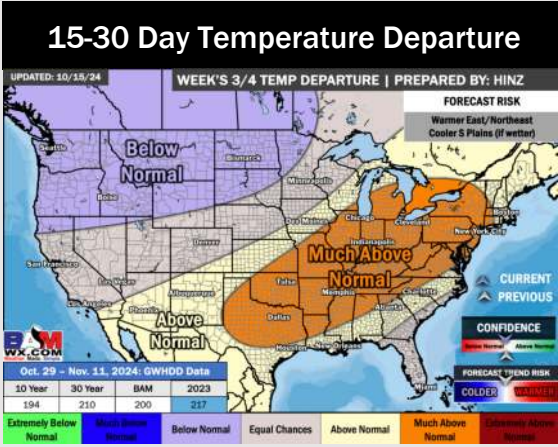
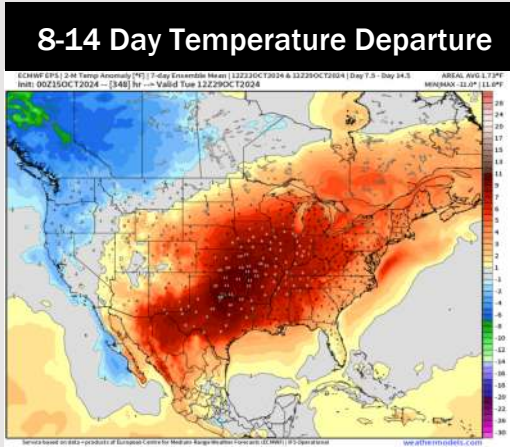
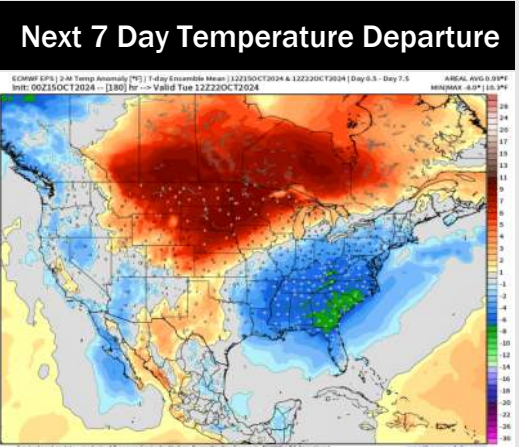


Wind Speed:
10 AM CT



High Temps
Thursday

Houston Pilots: 10/15/24



- 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.