

Houston Pilots Forecast Package



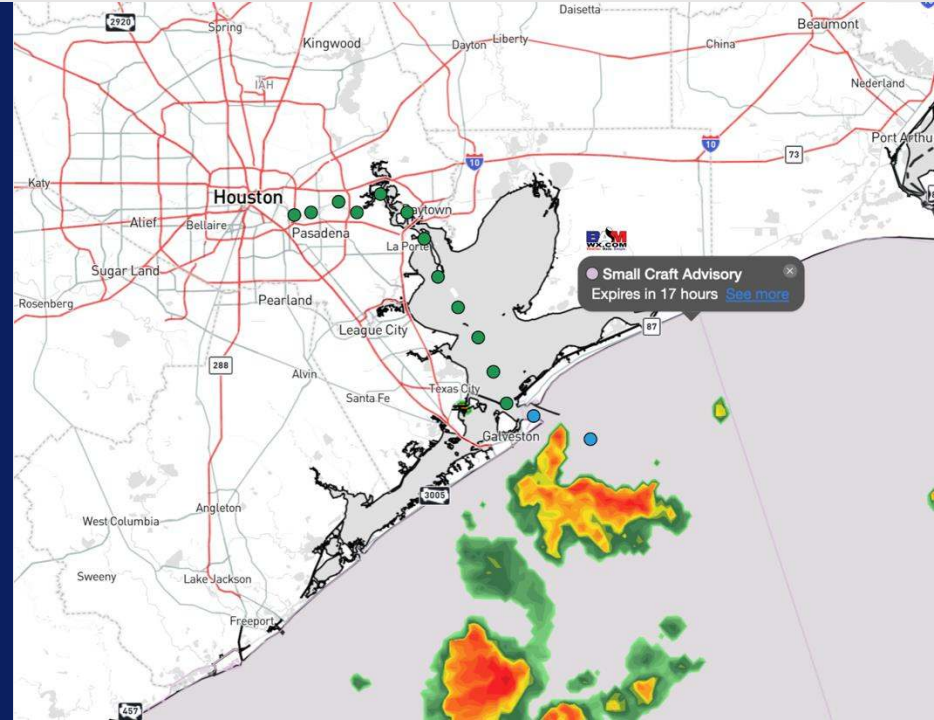
Updated: 11:00 PM CT

Thursday, September 26, 2024

Forecaster: Xander Lowry

Weather Headlines

- Gusty 25-30 kts winds will be in play Thursday. Main risk for boarding station.
- Not anticipating any visibility concerns for stations.
- See latest Tropical Update for information on Cat. 1 Hurricane Helene. No impacts favored for SE Texas.

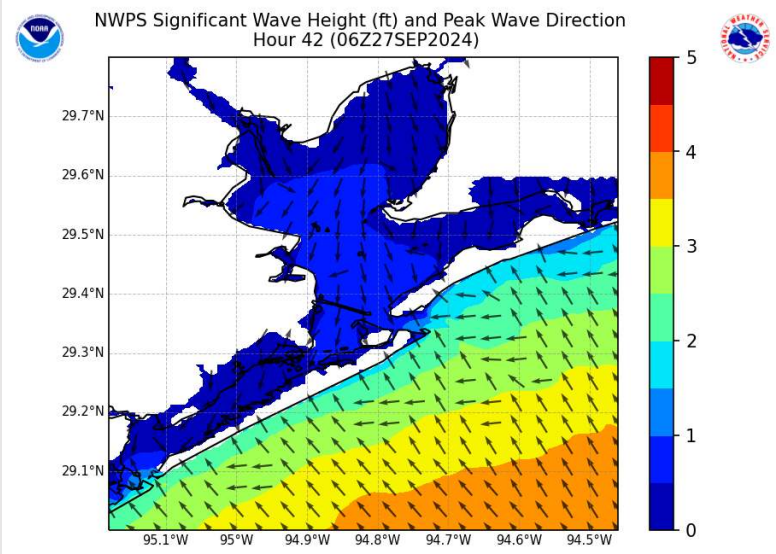


Current Radar: 10:54 PM CT



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.

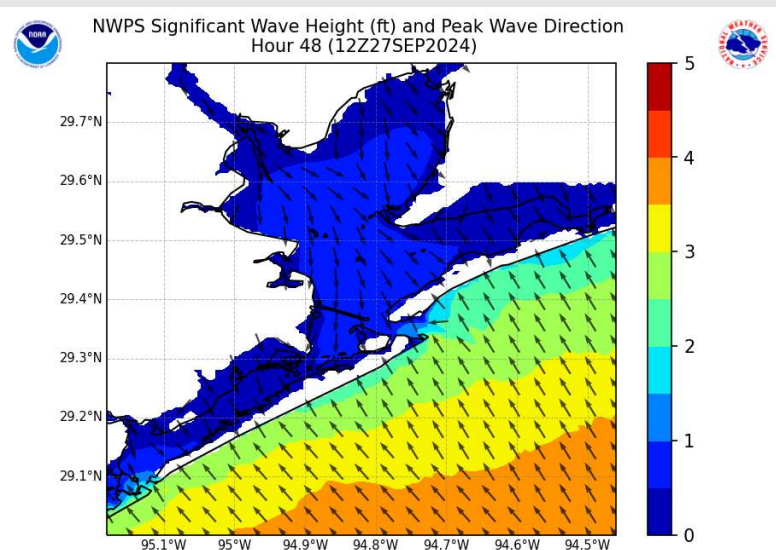
Wave Height Forecast Update



1 AM CT FRI

Tropical activity in the E. Gulf will result in a slight increase in wave heights along the SE Texas Coastline.

Favoring waves at the Boarding Station begin to increase after 12 AM THU, peaking around 12 AM FRI at 3 – 3.5 ft at the Boarding Station.



7 PM CT FRI

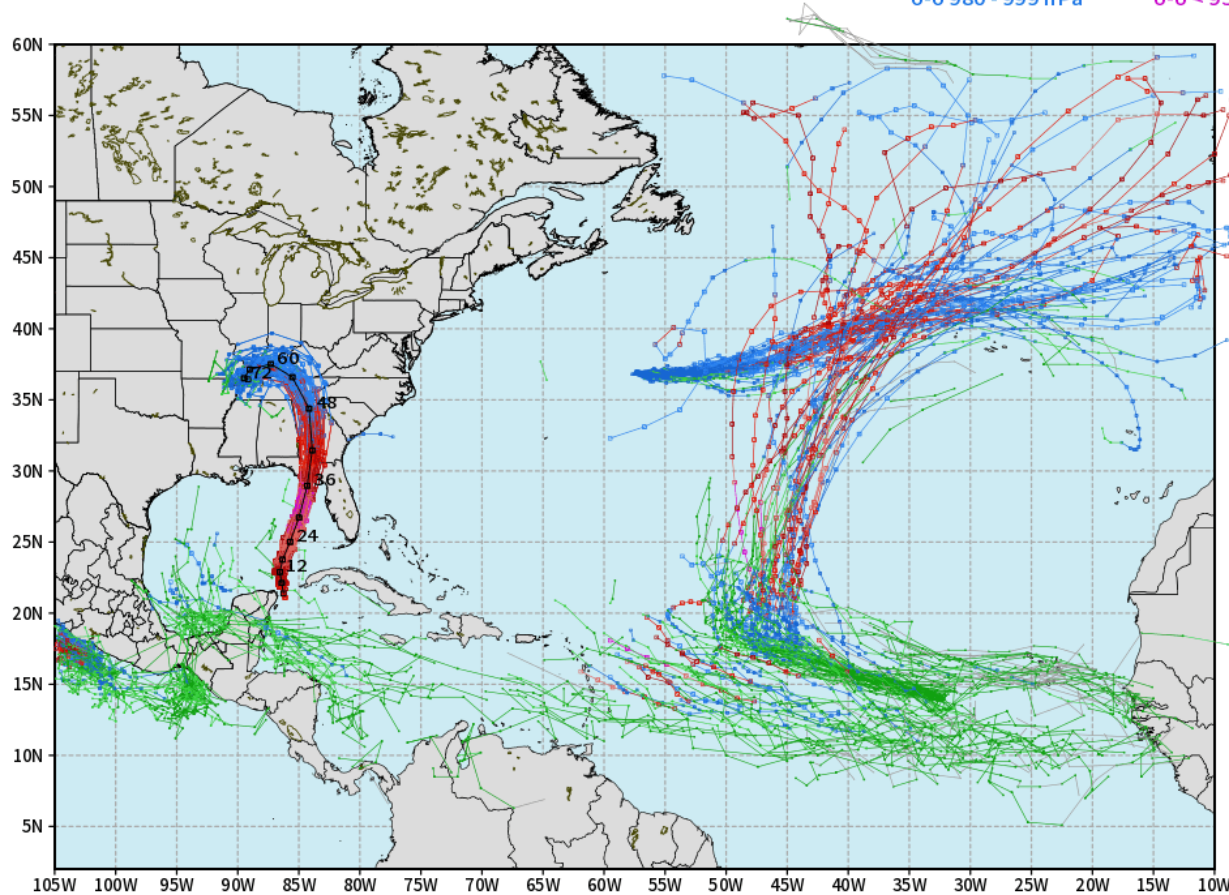
By 10 PM FRI wave heights will have dropped back to 2 ft or less.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z25SEP2024 --> UNTIL 12Z05OCT2024

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

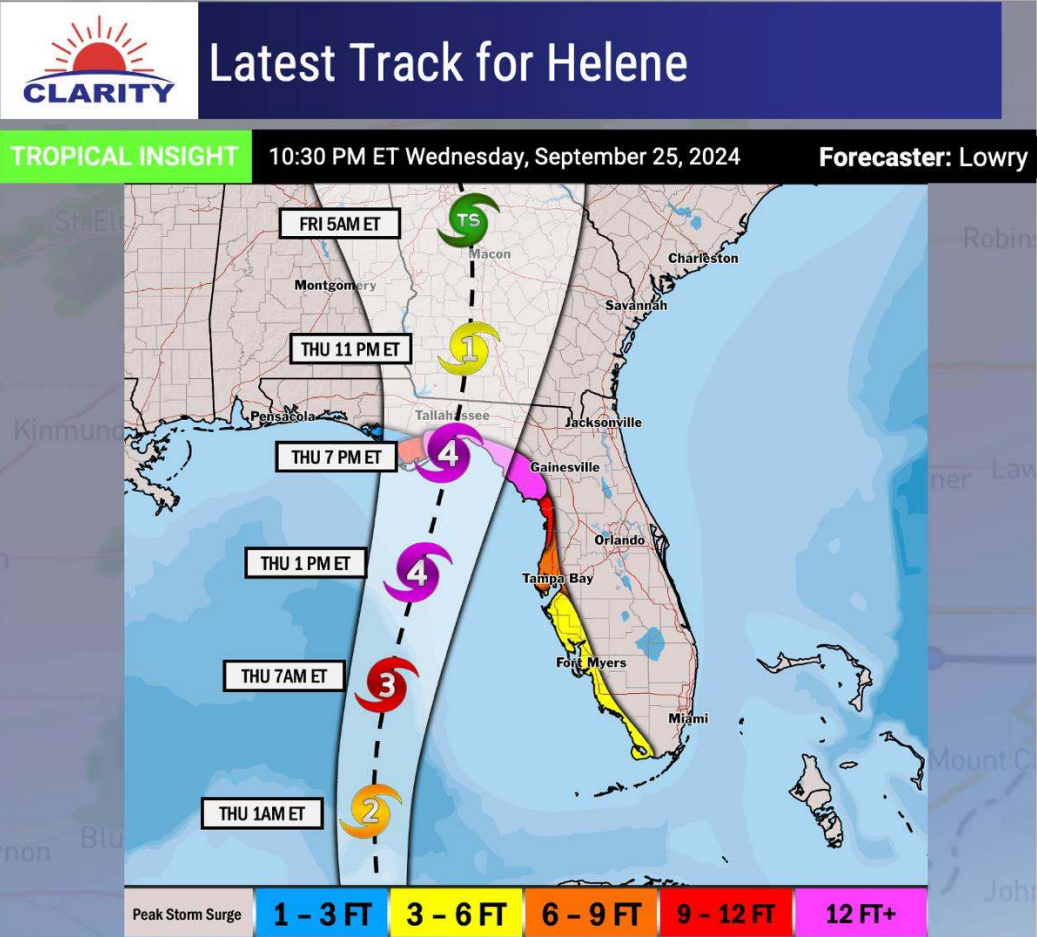


weathermodels.com


Cat. 1 Hurricane Helene is expected to track north striking NW Florida. No impacts favored for SE Texas. For these reasons, we have opted against a Victor Trigger and have high confidence this will not change.

We need to continue watching the Caribbean for any additional tropical development.

Houston Pilots Tropical Update



Landfall Timing: Thursday (9/26) at ~7PM

- FORECAST NOTES:**
- ✓ Helene is favored to undergo rapid intensification this evening as it works NE into the Gulf of Mexico
 - ✓ Landfall intensity is favored at Category 4 strength (130+ MPH)
 - ✓ Storm surge of 15-20 feet is favored across the Big Bend Region
- 

Houston Pilots Visibility Chart (miles)



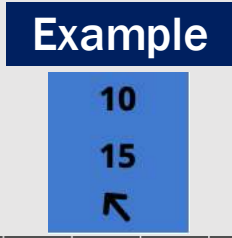
Forecast Confidence



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



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

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Forecast Discussion

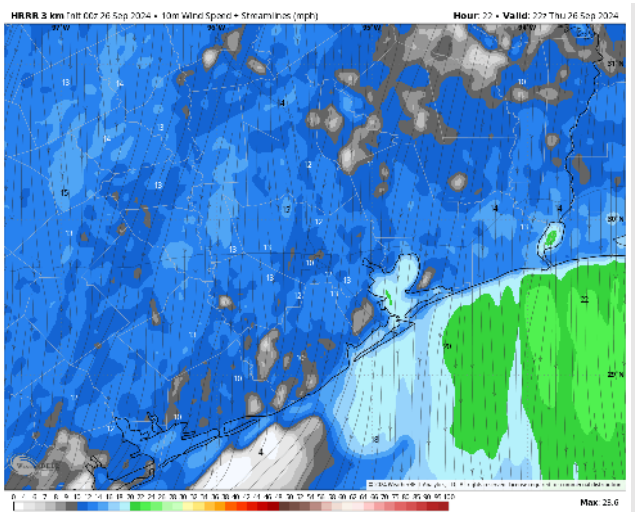
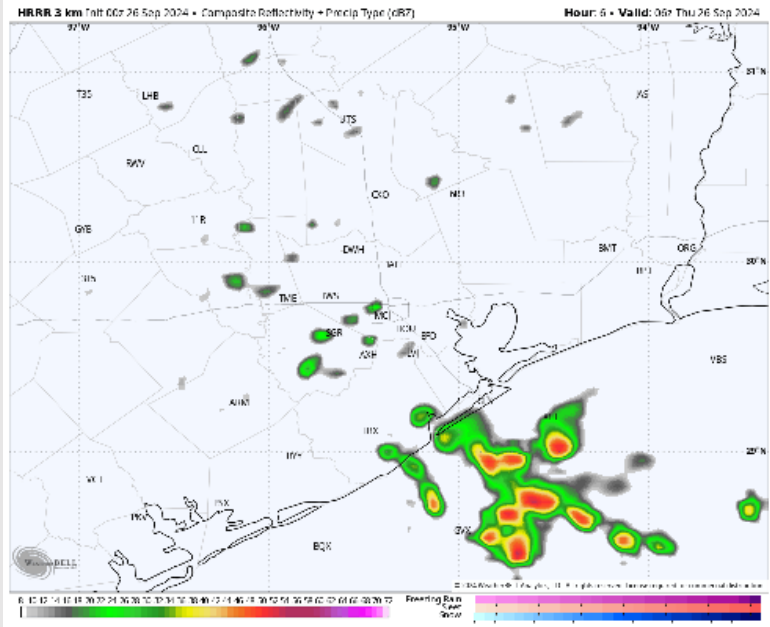
Precip: Outside of isolated showers/storms near the boarding station through 2AM favoring dry conditions for today.

Wind: Winds will be generally out of the N/NE through today. **N of Morgan's Point:** Winds will be at 8 - 13 kts throughout the day. **S of Morgan's Point:** Winds 15 - 20 kts throughout the day. **Gusts S of Morgan's point (best risk at Boarding Station) will reach 25 - 30kts after 9AM and continue throughout the day.**

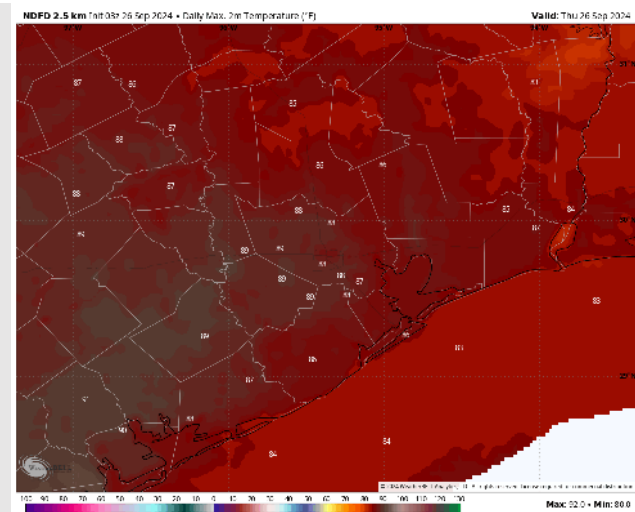
High Temps: **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Low 80s F.

Visibility: Not favoring any fog for Today.

Precip Image: 1 AM CT



Wind Speed:
5 PM CT



High Temps
Today

Houston Pilots: FRI. 9/27/2024



Forecast Discussion

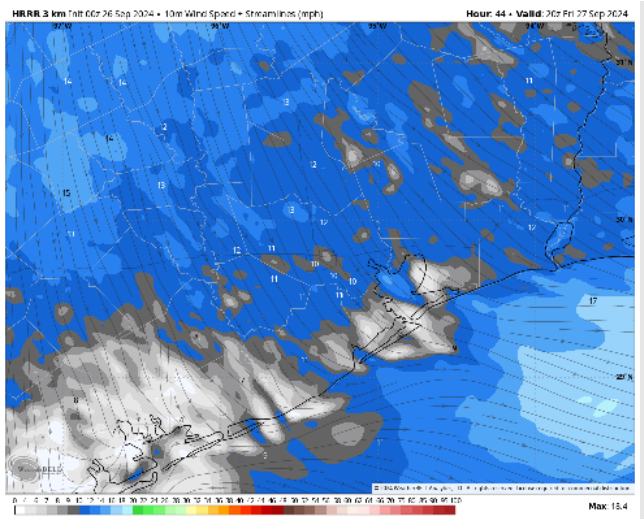
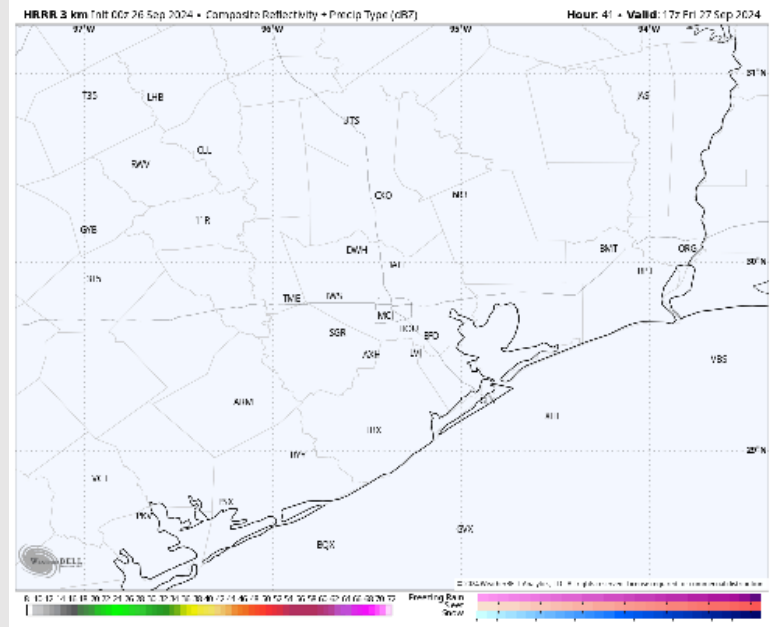
Precip: Favoring dry conditions at this time for Friday

Wind: Winds will begin to calm after 2AM Friday, before settling out of the NW. **N of Morgan's Point:** Winds will be sustained at 3 - 8 kts through 2PM before increasing to 7 - 11 briefly through 8PM before returning to 3-8 kts. **S of Morgan's Point:** Winds will start at 5 - 10 kts through 3AM before becoming 4- 8 kts for the remainder of the day.

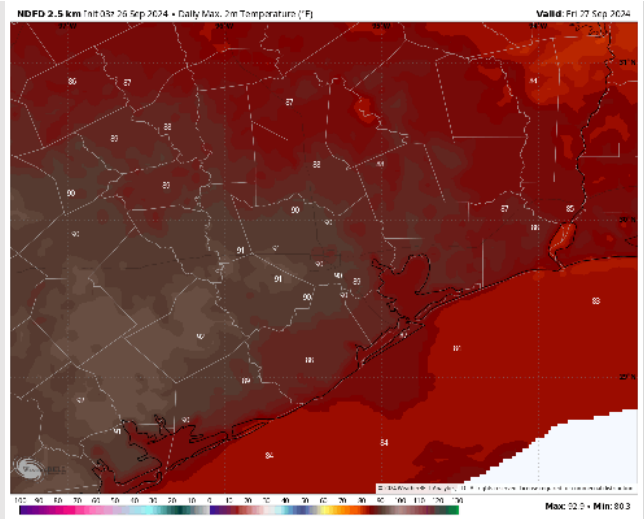
High Temps: **N of Morgan's Point:** Upper 80s / **Low 90s F.** **S of Morgan's Point:** Mid 80s F

Visibility: Not anticipating any visibility concerns for Friday.

Precip Image: 12 PM CT



**Wind Speed:
3 PM CT**



**High Temps
Friday**

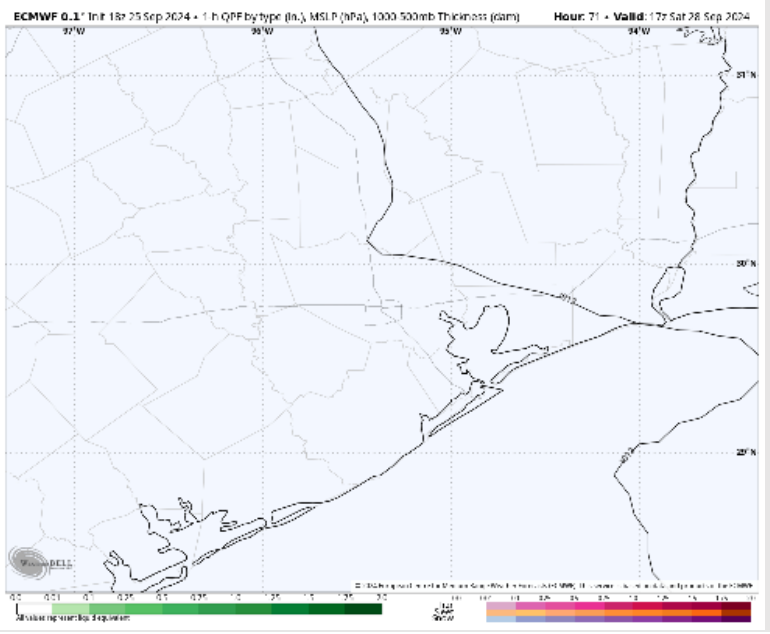
Houston Pilots: SAT. 9/28/2024



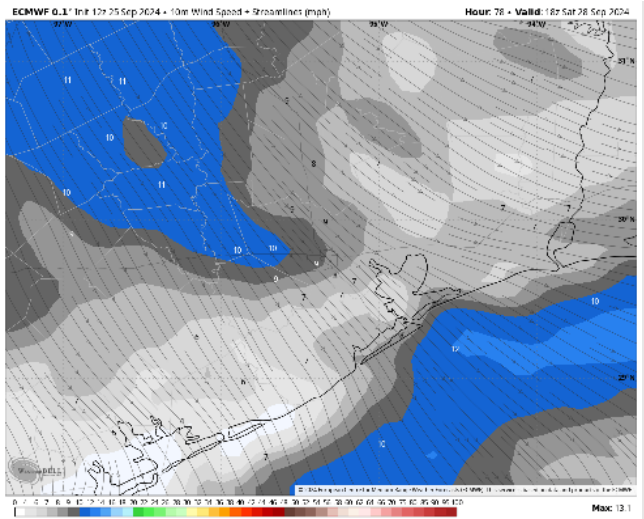
Forecast Discussion

- Precip:** Favoring dry conditions for Saturday.
- Wind:** Winds will be variable in direction through 8 PM, settling out of the NE throughout the rest of this evening. **N of Morgan's Point:** Winds at 3-8 kts throughout the day on Saturday. **S of Morgan's Point:** Winds will be 5-10 kts for all of Saturday.
- High Temps:** **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Mid 80s F.
- Visibility:** Not anticipating any visibility concerns for Saturday.

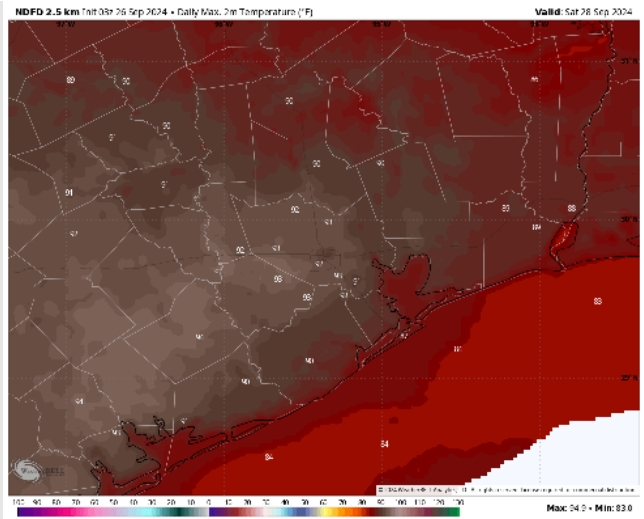
Precip Image: 12 PM CT



Wind Speed
1 PM CT



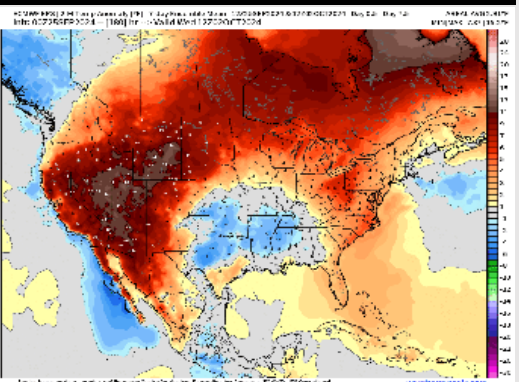
High Temps
Saturday



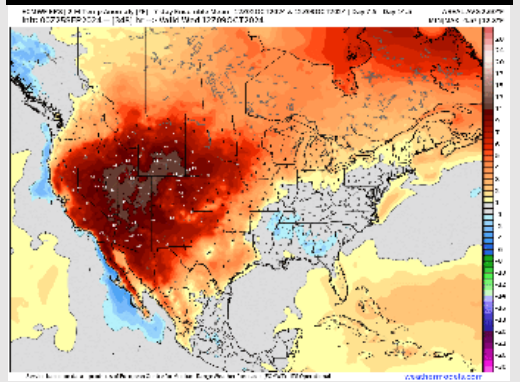
Houston Pilots: 9/26/24



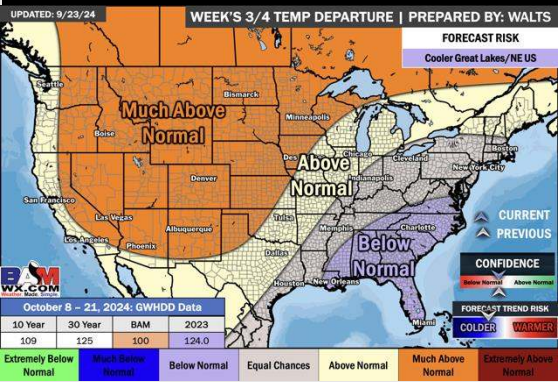
Next 7 Day Temperature Departure



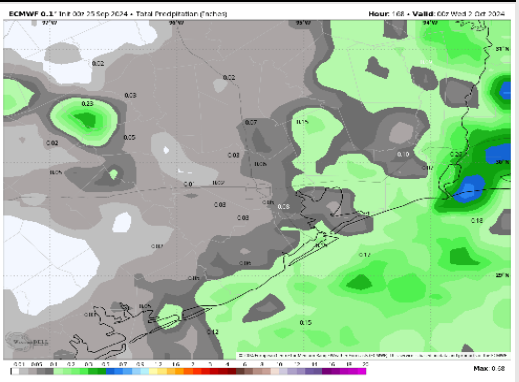
8-14 Day Temperature Departure



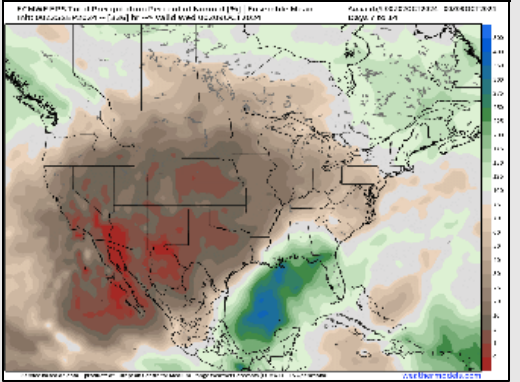
15-30 Day Temperature Departure



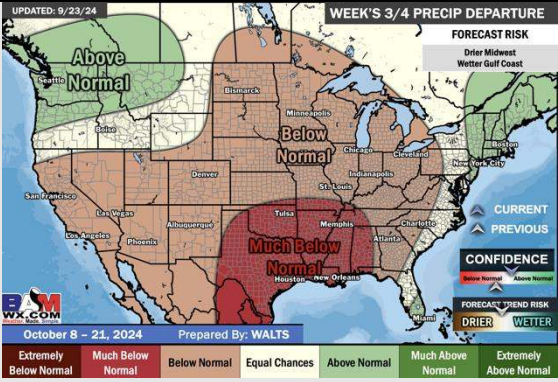
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be slightly above normal for the week 1 timeframe. Favoring scattered rain chances to continue today with a drier back half of the week to follow.
- Above normal temperatures are favored for week 2. Confidence is low on rain chances due to additional tropical risks for week 2.
- Near normal temperatures and much below normal precipitation chances are expected for the weeks 3/4 timeframe.