

Houston Pilots Forecast Package



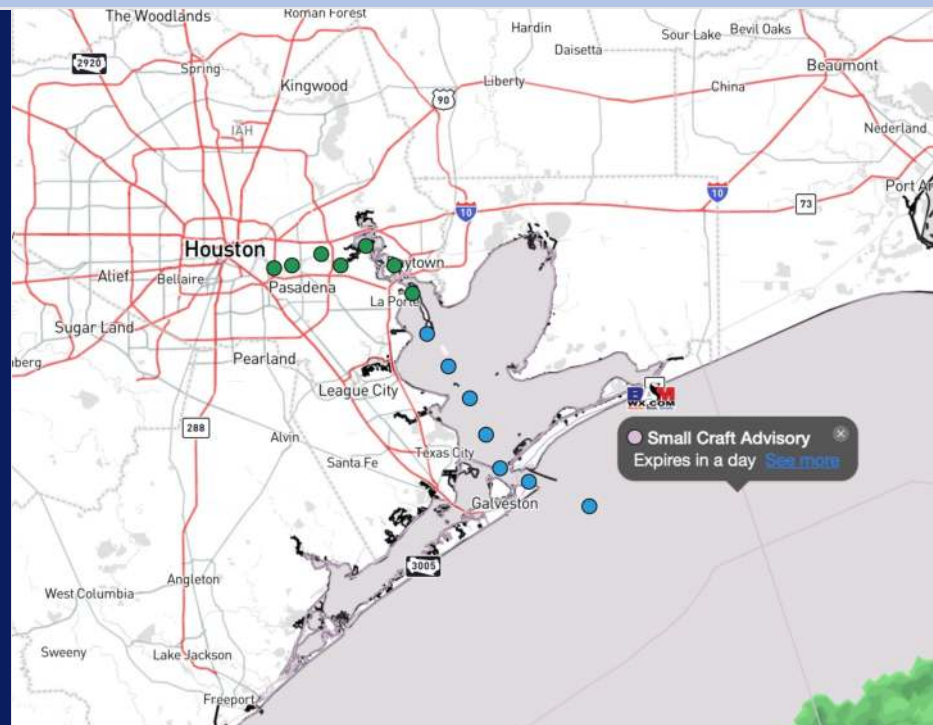
Updated: 10:45 PM CT

Saturday, September 7, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Monitoring two areas of potential tropical formation into the weekend that would impact HOU area mid-week. Check tropical slide for more info
- Watching for increasing wave heights of 4+ feet this weekend. See wave height slide for more information.
- Slightly elevated winds will continue throughout the weekend, especially S of Station 11/12.

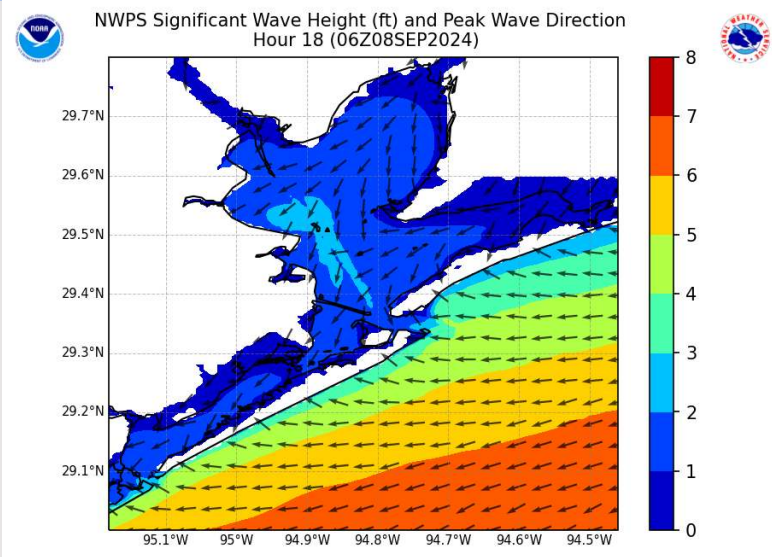


Current Radar: 10:43 PM CT



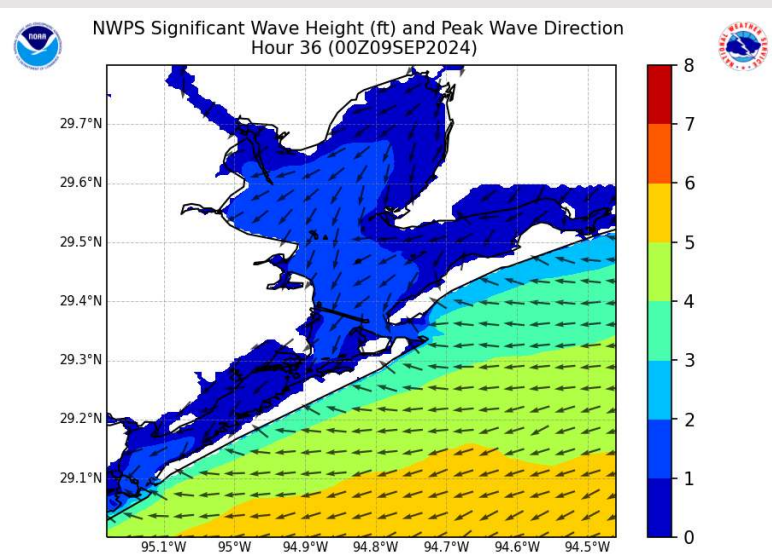
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Wave Height Forecast Update



1 AM CT SUN

Wave heights will be slightly elevated throughout the weekend for the Boarding Station and Station 11/12, however not favored to cross 6 ft threshold.



7 PM CT SUN

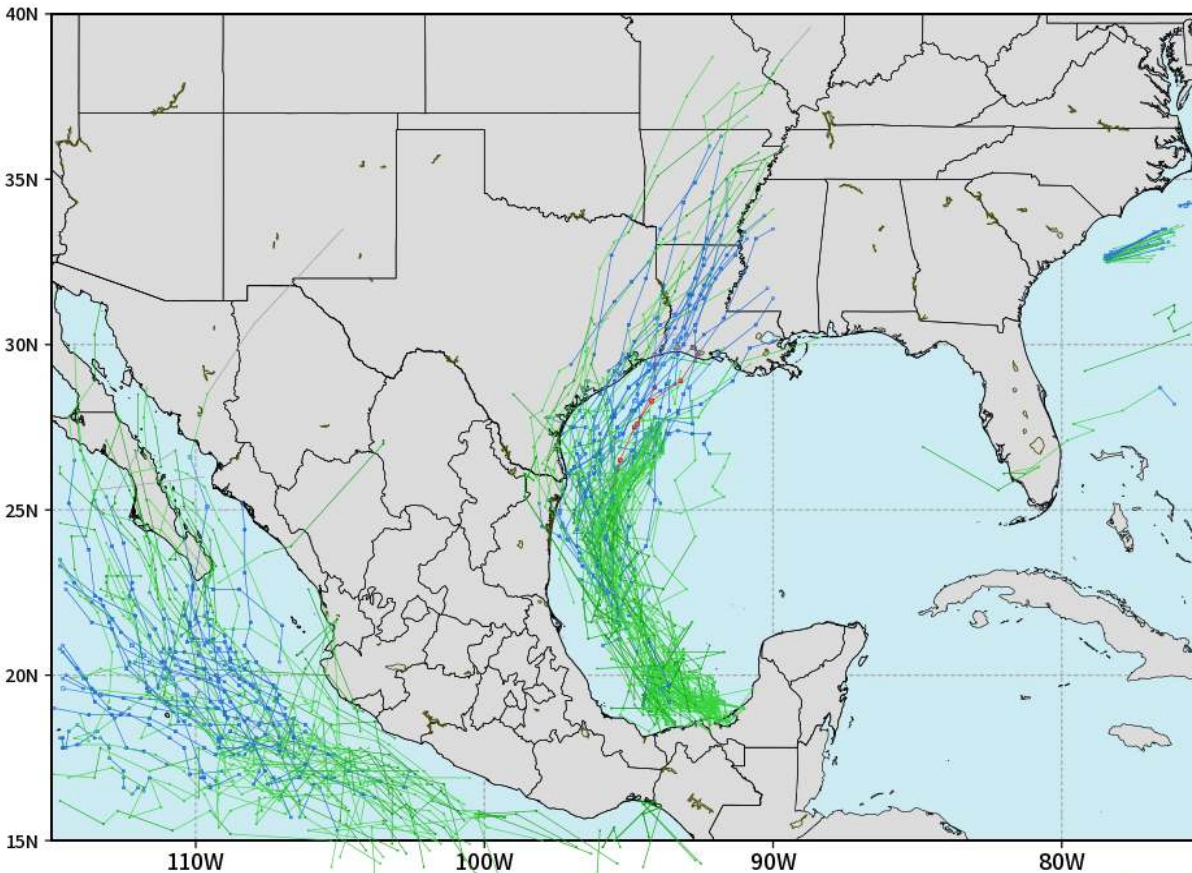
Timeframe to watch for peak wave heights of 4+ feet will be now through 7 PM CT SUN before heights decrease.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 12Z07SEP2024 --> UNTIL 12Z17SEP2024

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

Monitoring another wave that could create impacts next WED (located near the Yucatan now).

A hurricane is not expected with this but there is high amounts of uncertainty concerning track/intensity.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Sun 12 am	Sun 1 am	Sun 2 am	Sun 3 am	Sun 4 am	Sun 5 am	Sun 6 am	Sun 7 am	Sun 8 am	Sun 9 am	Sun 10 am	Sun 11 am	Sun 12 pm	Sun 1 pm	Sun 2 pm	Sun 3 pm	Sun 4 pm	Sun 5 pm	Sun 6 pm	Sun 7 pm	Sun 8 pm	Sun 9 pm	Sun 10 pm	Sun 11 pm
Houston Pilots N - 610 Bridge	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots M - Kinder 1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots L - Greens Bayou	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots K - Shell Crude	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots J - Lynchburg Ferries	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots I - Exxon 3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots H - Morgans Point	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots G - 75/76	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots F - 63/64	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots E - 51/52	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots D - 37/38	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots C - 25/26	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots B - 11/12	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots A - 1 & 2 Bravo	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12

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

Above Normal Below Normal

Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE

Example

10

15

↙

Wind	Sun 12 am	Sun 1 am	Sun 2 am	Sun 3 am	Sun 4 am	Sun 5 am	Sun 6 am	Sun 7 am	Sun 8 am	Sun 9 am	Sun 10 am	Sun 11 am	Sun 12 pm	Sun 1 pm	Sun 2 pm	Sun 3 pm	Sun 4 pm	Sun 5 pm	Sun 6 pm	Sun 7 pm	Sun 8 pm	Sun 9 pm	Sun 10 pm	Sun 11 pm
Houston Pilots N - 610 Bridge	13 25 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	12 23 ✓	12 23 ✓	13 24 ✓	12 24 ✓	12 23 ✓	10 22 ✓	10 21 ✓	9 18 ✓	9 18 ✓	9 17 ✓	9 18 ✓
Houston Pilots M - Kinder 1	13 25 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 23 ✓	12 23 ✓	13 24 ✓	12 24 ✓	12 23 ✓	10 22 ✓	10 21 ✓	9 18 ✓	9 18 ✓	9 17 ✓	9 18 ✓
Houston Pilots L - Greens Bayou	13 25 ✓	13 24 ✓	13 25 ✓	13 24 ✓	13 25 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 24 ✓	12 23 ✓	12 23 ✓	13 23 ✓	12 24 ✓	12 22 ✓	10 21 ✓	10 20 ✓	9 18 ✓	8 17 ✓	8 17 ✓	9 18 ✓
Houston Pilots K - Shell Crude	13 25 ✓	13 25 ✓	13 25 ✓	13 25 ✓	13 25 ✓	13 25 ✓	13 25 ✓	13 25 ✓	13 24 ✓	13 25 ✓	13 25 ✓	13 24 ✓	13 24 ✓	12 23 ✓	12 23 ✓	12 23 ✓	12 24 ✓	12 22 ✓	10 21 ✓	10 20 ✓	9 18 ✓	8 17 ✓	9 18 ✓	9 18 ✓
Houston Pilots J - Lynchburg Ferries	12 26 ✓	12 25 ✓	12 26 ✓	12 25 ✓	12 26 ✓	12 25 ✓	12 25 ✓	13 25 ✓	13 25 ✓	13 25 ✓	13 24 ✓	13 24 ✓	13 24 ✓	13 23 ✓	12 23 ✓	13 23 ✓	12 23 ✓	12 22 ✓	10 21 ✓	10 20 ✓	8 18 ✓	8 17 ✓	8 17 ✓	8 18 ✓
Houston Pilots I - Exxon 3	20 28 ✓	20 28 ✓	20 28 ✓	21 29 ✓	22 29 ✓	21 29 ✓	22 29 ✓	21 29 ✓	20 28 ✓	20 26 ✓	18 25 ✓	17 25 ✓	17 24 ✓	16 24 ✓	15 24 ✓	15 24 ✓	15 24 ✓	15 23 ✓	15 22 ✓	14 21 ✓	13 20 ✓	14 20 ✓	15 21 ✓	15 22 ✓
Houston Pilots H - Morgans Point	20 28 ✓	20 28 ✓	20 28 ✓	21 29 ✓	21 29 ✓	21 29 ✓	21 29 ✓	21 29 ✓	20 28 ✓	20 28 ✓	18 26 ✓	17 25 ✓	17 24 ✓	15 24 ✓	15 24 ✓	15 24 ✓	15 24 ✓	15 23 ✓	15 22 ✓	14 21 ✓	13 20 ✓	14 20 ✓	15 21 ✓	15 22 ✓
Houston Pilots G - 75/76	22 30 ✓	22 31 ✓	22 30 ✓	22 31 ✓	23 32 ✓	23 32 ✓	23 33 ✓	23 32 ✓	22 31 ✓	22 31 ✓	21 30 ✓	20 29 ✓	18 28 ✓	17 26 ✓	16 25 ✓	17 25 ✓	16 25 ✓	16 24 ✓	15 24 ✓	15 23 ✓	15 22 ✓	15 23 ✓	17 23 ✓	17 24 ✓
Houston Pilots F - 63/64	22 30 ✓	22 31 ✓	22 30 ✓	22 31 ✓	22 32 ✓	22 32 ✓	23 33 ✓	22 32 ✓	22 31 ✓	22 31 ✓	21 30 ✓	20 29 ✓	20 28 ✓	17 26 ✓	16 25 ✓	17 25 ✓	16 25 ✓	16 24 ✓	16 24 ✓	15 23 ✓	15 22 ✓	15 23 ✓	17 24 ✓	17 24 ✓
Houston Pilots E - 51/52	22 30 ✓	22 31 ✓	22 30 ✓	22 32 ✓	23 32 ✓	23 32 ✓	24 33 ✓	24 33 ✓	22 32 ✓	22 32 ✓	22 32 ✓	21 30 ✓	20 28 ✓	18 26 ✓	17 25 ✓	17 25 ✓	17 26 ✓	16 25 ✓	16 25 ✓	16 24 ✓	15 22 ✓	16 24 ✓	17 25 ✓	18 25 ✓
Houston Pilots D - 37/38	22 31 ✓	22 31 ✓	22 30 ✓	22 32 ✓	23 33 ✓	23 33 ✓	24 35 ✓	24 33 ✓	22 33 ✓	22 33 ✓	22 32 ✓	21 31 ✓	20 30 ✓	18 29 ✓	17 26 ✓	17 26 ✓	17 26 ✓	16 25 ✓	16 25 ✓	16 24 ✓	15 23 ✓	16 24 ✓	17 25 ✓	18 25 ✓
Houston Pilots C - 25/26	21 31 ✓	21 31 ✓	21 30 ✓	22 32 ✓	22 33 ✓	22 33 ✓	22 35 ✓	22 33 ✓	22 33 ✓	22 33 ✓	22 33 ✓	21 31 ✓	20 30 ✓	20 29 ✓	17 26 ✓	17 26 ✓	17 26 ✓	16 25 ✓	16 25 ✓	16 24 ✓	15 23 ✓	16 24 ✓	17 25 ✓	18 26 ✓
Houston Pilots B - 11/12	18 30 ✓	18 31 ✓	18 30 ✓	20 32 ✓	20 33 ✓	20 33 ✓	21 35 ✓	20 33 ✓	20 33 ✓	20 33 ✓	20 33 ✓	20 31 ✓	20 30 ✓	17 29 ✓	16 26 ✓	17 26 ✓	17 26 ✓	17 25 ✓	15 25 ✓	15 25 ✓	15 23 ✓	15 24 ✓	16 26 ✓	16 26 ✓
Houston Pilots A - 1 & 2 Bravo	23 33 ✓	23 33 ✓	23 33 ✓	24 35 ✓	24 35 ✓	24 35 ✓	24 36 ✓	24 37 ✓	24 35 ✓	24 36 ✓	24 35 ✓	22 33 ✓	22 33 ✓	21 31 ✓	20 29 ✓	20 31 ✓	20 30 ✓	18 29 ✓	18 29 ✓	18 28 ✓	17 27 ✓	18 28 ✓	20 29 ✓	20 29 ✓

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Houston Pilots: SUN. 9/8/2024



Forecast Discussion

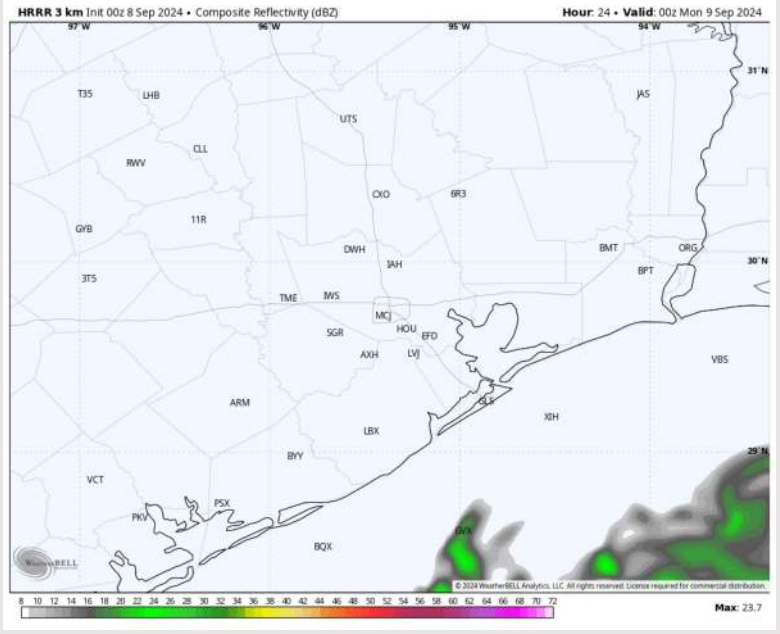
Precip: Favoring dry conditions throughout the day.

Wind: Winds will be out of the NE throughout the day. **N of Morgan's Point:** Winds will be at 9 – 14 kts throughout the day. **S of Morgan's Point:** Winds will be 19-24 kts throughout the day, with slightly higher speeds of 23-28 kts near the Boarding Station. **Wind gusts of 22-27 kts will be possible for all stations and 30-35 kts near the Boarding Station**

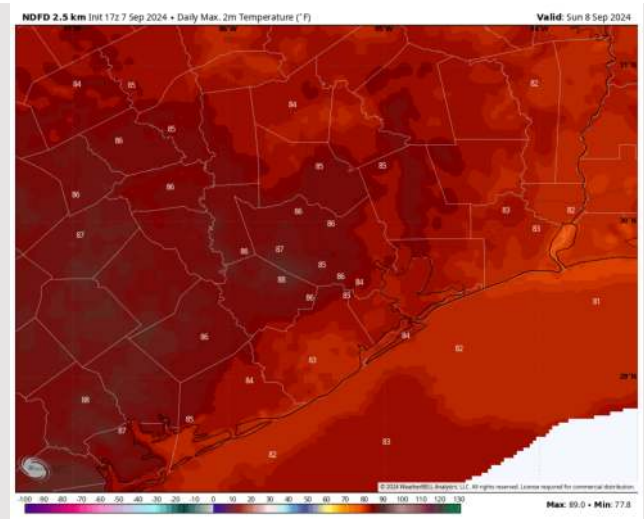
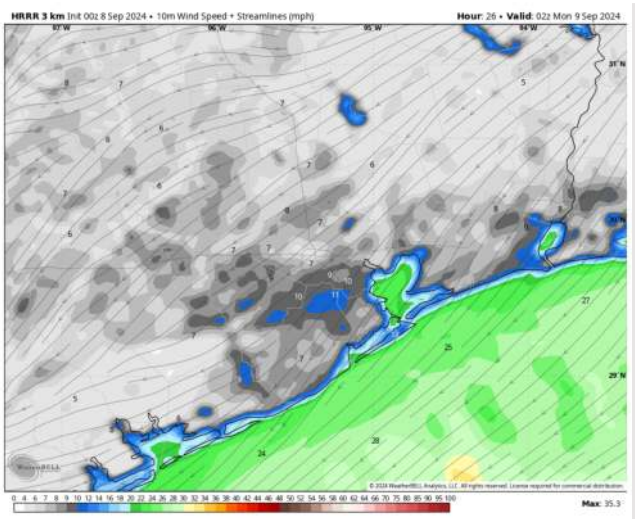
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Low 80s F.

Visibility: Not anticipating any concerns for today.

Precip Image: 7 PM CT



Wind Speed:
9 PM CT



High Temps
Today

Houston Pilots: MON. 9/9/2024



Forecast Discussion

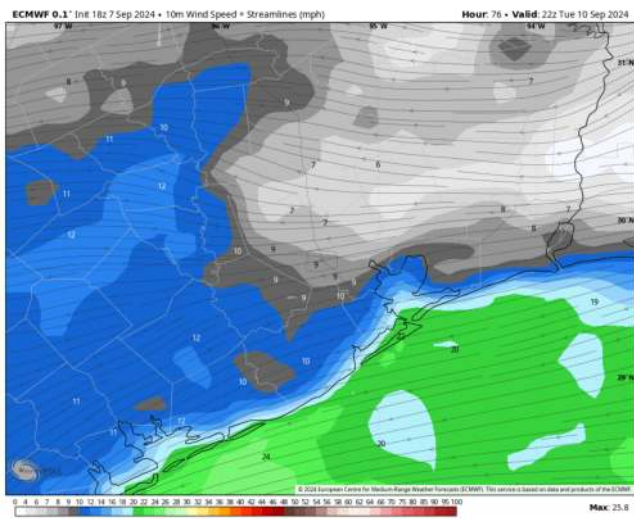
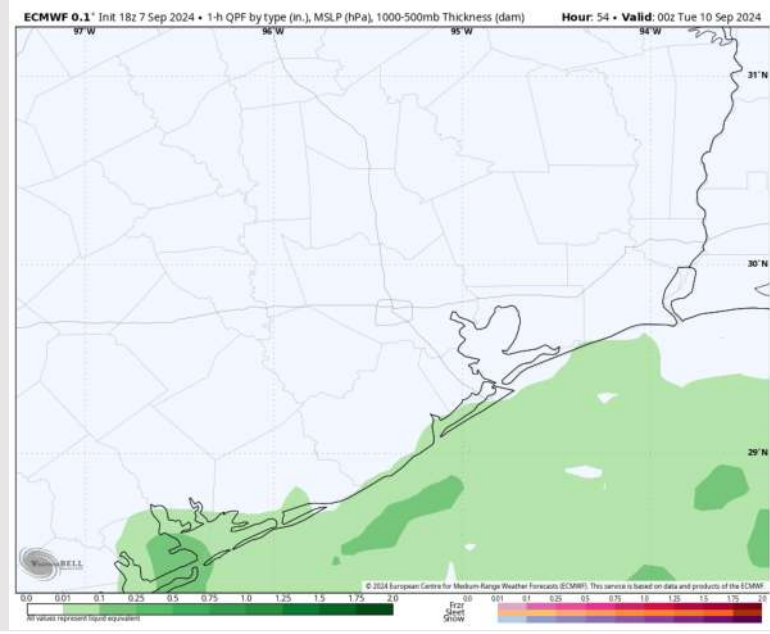
Precip: Favoring scattered to widespread showers/storms to work towards the Boarding Station and Station 11/12 towards 7 PM MON and continue for those Stations through the rest of the PM.

Wind: Winds will be out of the NE throughout MON. **N of Morgan's Point:** Winds will be sustained 9 – 14 kts throughout MON. **S of Morgan's Point:** Winds will be sustained at 12-17 kts with speeds S of Station 11/12 elevated at 18-23 kts. **Wind gusts S of station 11/12 of 25-30 kts will be possible**

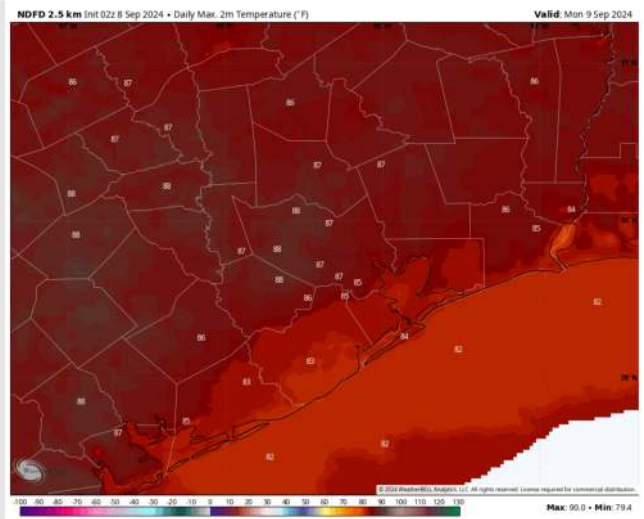
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Low 80s F

Visibility: Not anticipating any fog concerns for Monday, however reduced visibilities will be possible S of Morgan's Point under heavier downpours.

Precip Image: 7 PM CT



Wind Speed:
5 PM CT



High Temps
Monday

Houston Pilots: TUE. 9/10/2024



Forecast Discussion

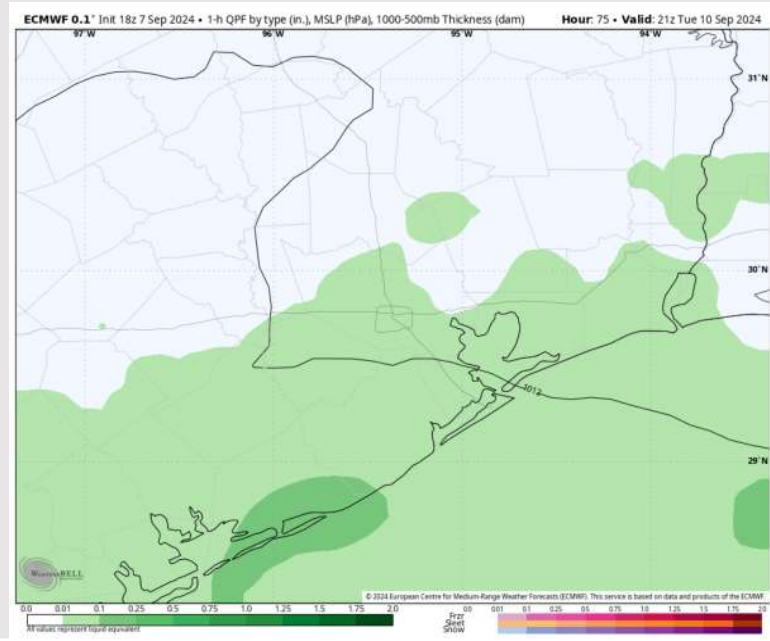
Precip: Favoring scattered to widespread showers/storms to continue at the Boarding Station and Station 11/12 after 12 AM and gradually work N/NW throughout the day, reaching Morgan's Point towards 4 PM.

Wind: Winds will be out of the E/NE for the entire day. **N of Morgan's Point:** Winds at 8-13 kts throughout the day. **S of Morgan's Point:** Winds will be sustained at 15-20 kts through 7 PM, increasing slightly to 17-22 kts after that time. **Gusts of 25 - 30 kts in play throughout the day for Stations S of Morgan's Point.**

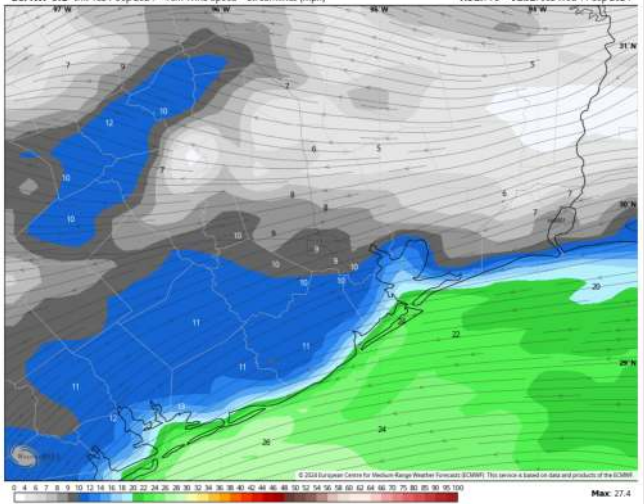
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Low 80s F.

Visibility: Not favoring any fog concerns for Tuesday, however visibilities can be reduced under heavy downpours.

Precip Image: 4 PM CT

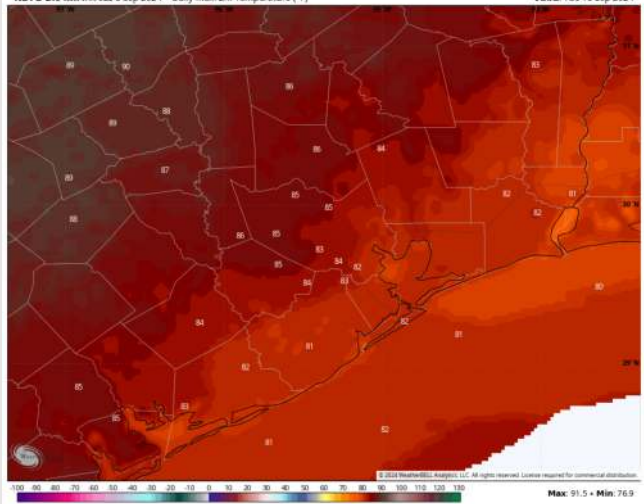


ECMWF 0.1° Init 18z 7 Sep 2024 • 10m Wind Speed • Streamlines (mph) Hour: 78 • Valid: 00z Wed 11 Sep 2024



Wind Speed
7 PM CT

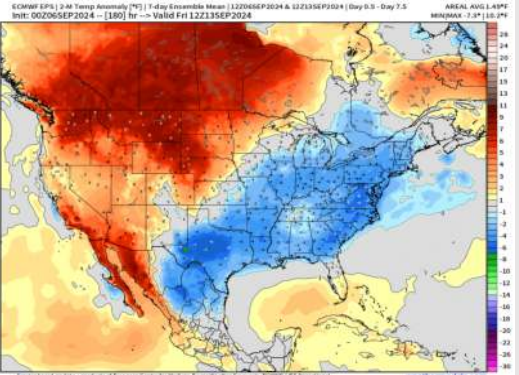
NDFD 2.5 km Init 02z 8 Sep 2024 • Daily Max. 2m Temperature (°F) Valid: Tue 10 Sep 2024



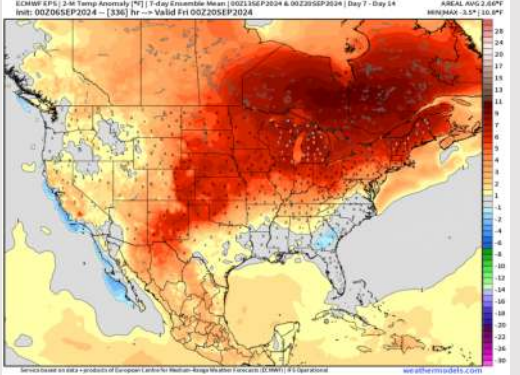
High Temps
Tuesday

Houston Pilots: 9/8/24

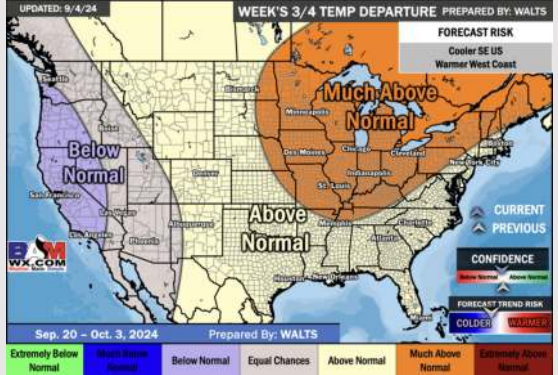
Next 7 Day Temperature Departure



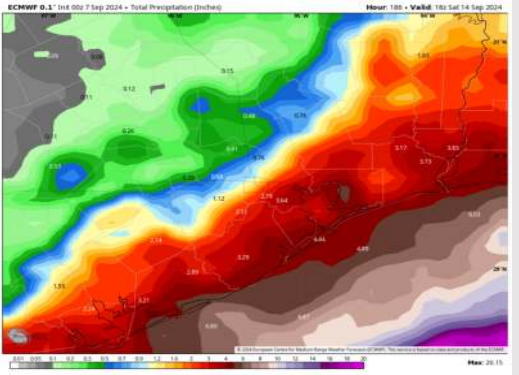
8-14 Day Temperature Departure



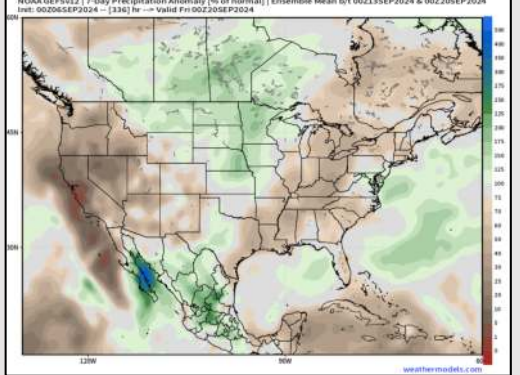
15-30 Day Temperature Departure



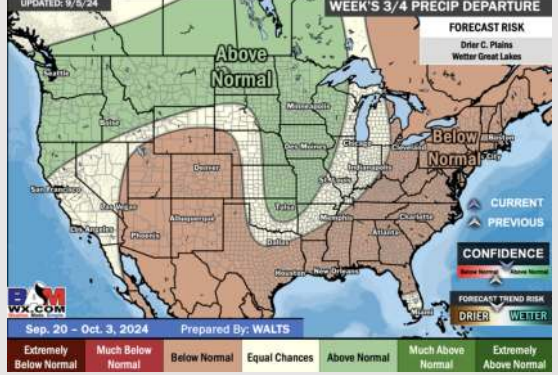
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be below normal for the week 1 timeframe. Scattered to widespread rain chances are expected daily through the rest of this week with drier conditions into the weekend.
- Near normal temperatures are favored for week 2 with near to just below normal rain chances. Tropical activity threats for late Week 1 / early Week 2 and beyond will continue to be monitored
- Above normal temperatures and below normal precipitation chances are expected for the weeks 3/4 timeframe.