

Houston Pilots Tropical Update

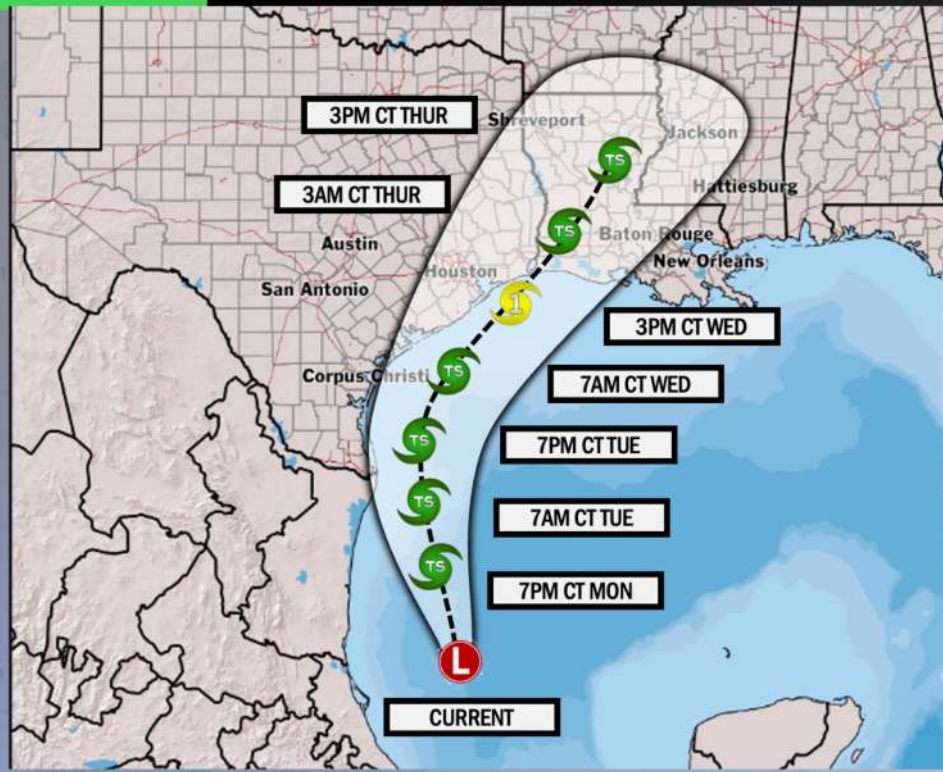


Potential Tropical Cyclone Six

TROPICAL INSIGHT

8:00 PM CT Sunday, September 8, 2024

Forecaster: Lowry



TIMING: SUN PM through THUR

FORECAST NOTES:

- ✓ Further development into a tropical storm is favored into MON with brief intensification into a Hurricane possible SE of Texas.
- ✓ Some uncertainty remains in exact timing of greatest impacts across SE TX/SW LA, however WED PM currently is favored

Houston Pilots Forecast Package



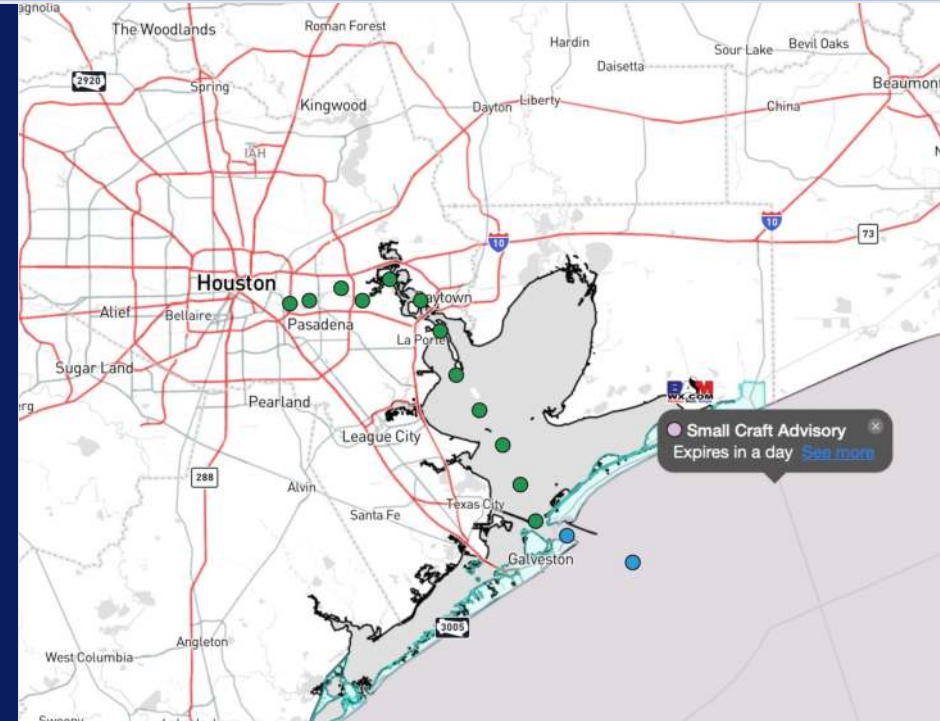
Updated: 9:15 PM CT

Sunday, September 8, 2024

Forecaster: Tyler Riggles

Weather Headlines

- **Whiskey Port Conditions are in effect (see Trigger Slide below)**
- Anticipating wave heights to surpass 6 feet WED due to Potential Tropical Storm Six. See wave height slide for more info.
- Slightly elevated winds will continue throughout the weekend, especially S of Station 11/12.
- **Tropical System Video Update**



Current Radar: 9:12 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.

Houston Pilots Port Trigger Update

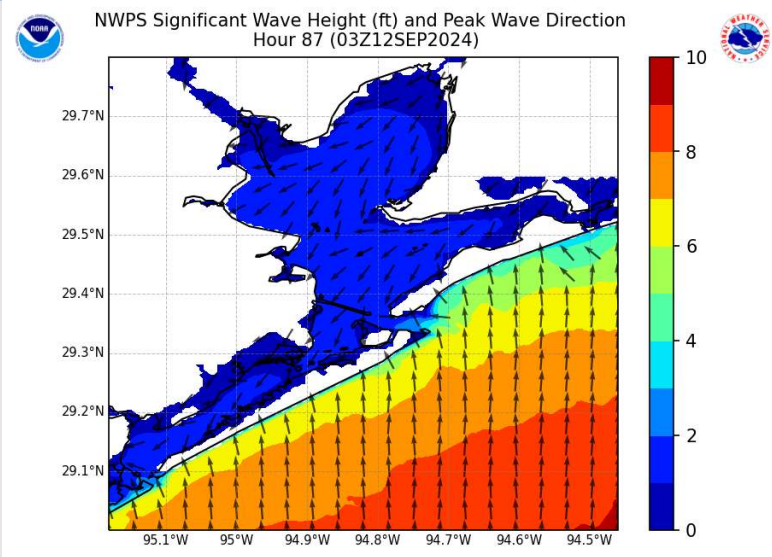


Port Condition	34 KTS+ Sustained Wind Trigger Reached at:	6 Foot Wave Trigger Reached at:	Time Remaining/Trigger Ends At:
Victor	—	—	N/A
Whiskey	Current	N/A	N/A
X-Ray	10 AM CT MON	10 AM CT MON	10 AM CT TUE
Yankee	10 AM CT TUE	10 AM CT TUE	10 PM CT TUE
Zulu	10 PM CT TUE	10 PM CT TUE	12 AM CT THU

Port Condition	Trigger Definition	Trigger Reached?
Victor	Hurricane entering/developing in Gulf of Mexico that's a threat to the area	Past
Whiskey	72 hours prior to predicted sustained winds of 34+ KTS	Yes
X-Ray	48 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	No
Yankee	24 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	No
Zulu	12 hours prior to predicted sustained winds of 34+ KTS or 6' wave height	No

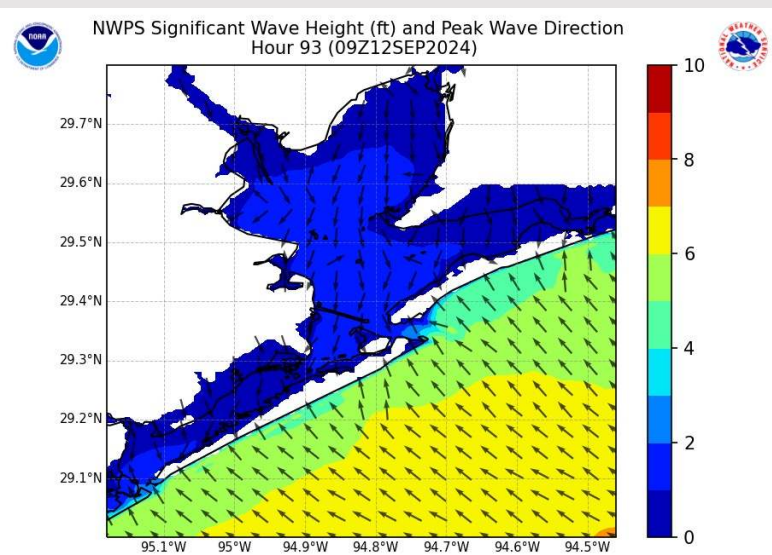
NOTES: Potential Tropical Cyclone Six has been designated W of the Yucatan Peninsula. It is expected to increase into a Tropical Storm/Hurricane as it works northward over the next ~72 hours. Currently favoring direct landfall just NE of the Houston/Galveston area, however still expecting winds of 34+ kts and wave heights of 6+ ft for WED.

Wave Height Forecast Update



6 PM CT WED

Monitoring for wave heights to increase WED as a Potential Tropical Cyclone Six works into the area. Expected to be at/above 4 ft ~7 AM CT WED.



12 AM CT THU

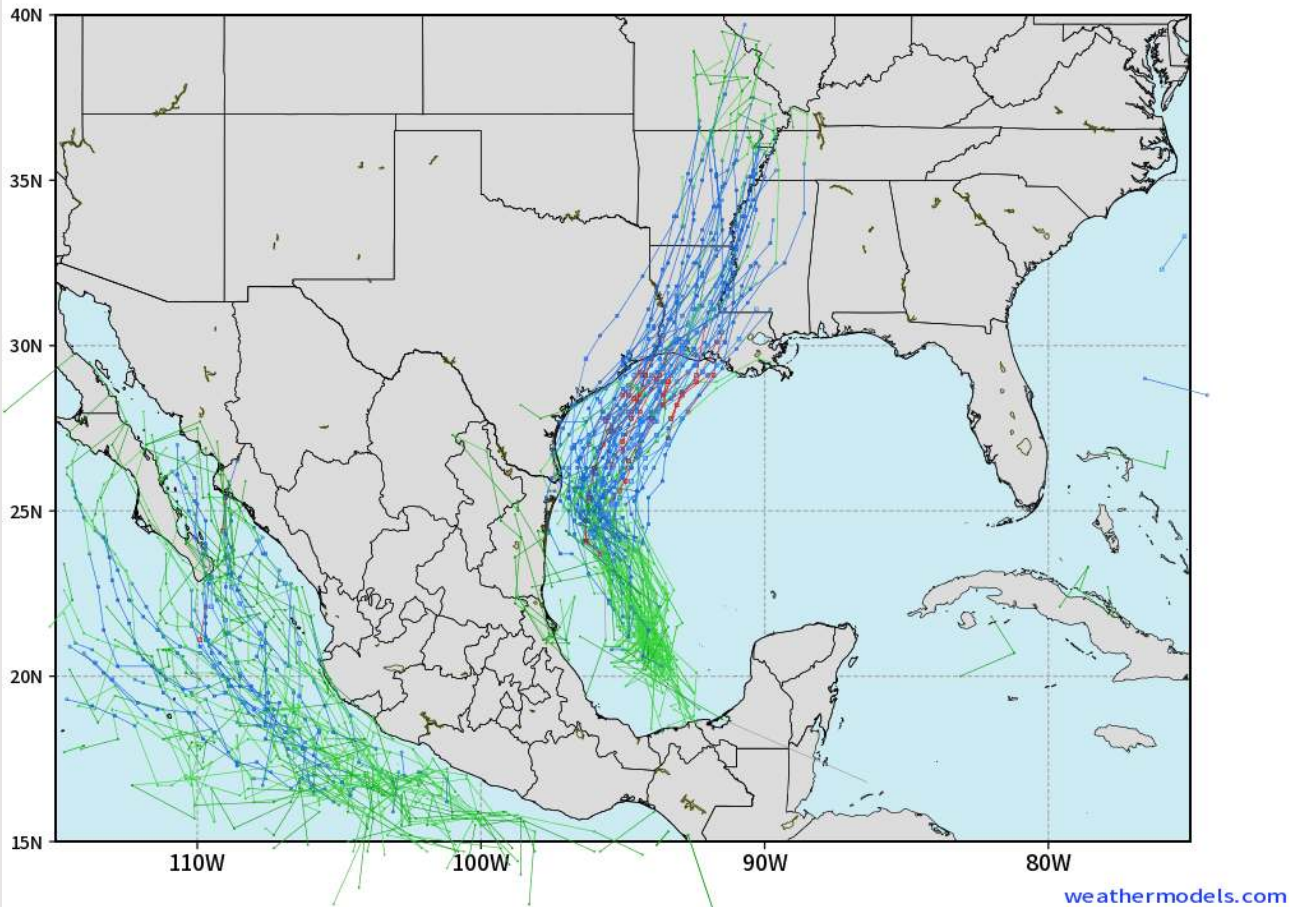
Heights of 6-7 ft will be possible for Stations 11/12 and the Boarding Station by 6 PM CT WED and remain there through 12 AM CT THU.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 12Z08SEP2024 --> UNTIL 12Z18SEP2024

- 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



Monitoring Potential Tropical Cyclone Six for impacts this WED (located near the Yucatan now).

Currently favoring this system to briefly intensify into a Hurricane Southeast of TX.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Sun 11 pm	Mon 12 am	Mon 1 am	Mon 2 am	Mon 3 am	Mon 4 am	Mon 5 am	Mon 6 am	Mon 7 am	Mon 8 am	Mon 9 am	Mon 10 am	Mon 11 am	Mon 12 pm	Mon 1 pm	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
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	17
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	17

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



Sustained wind 10 Knots
 Gusts 15 Knots
 Wind from the SE

Example

10
15
↙

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

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Houston Pilots: MON. 9/9/2024



Forecast Discussion

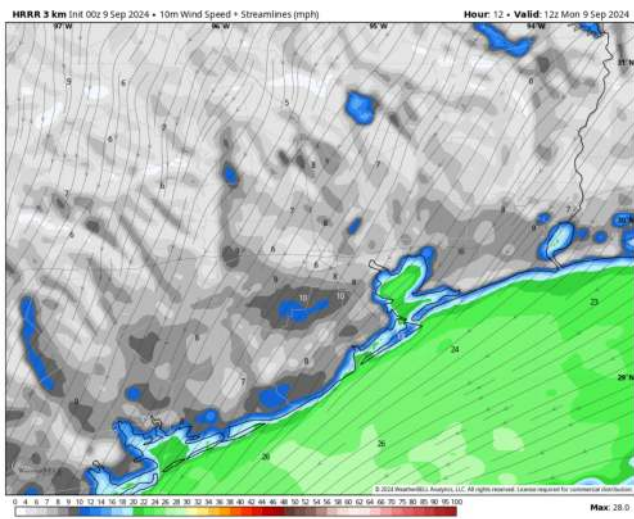
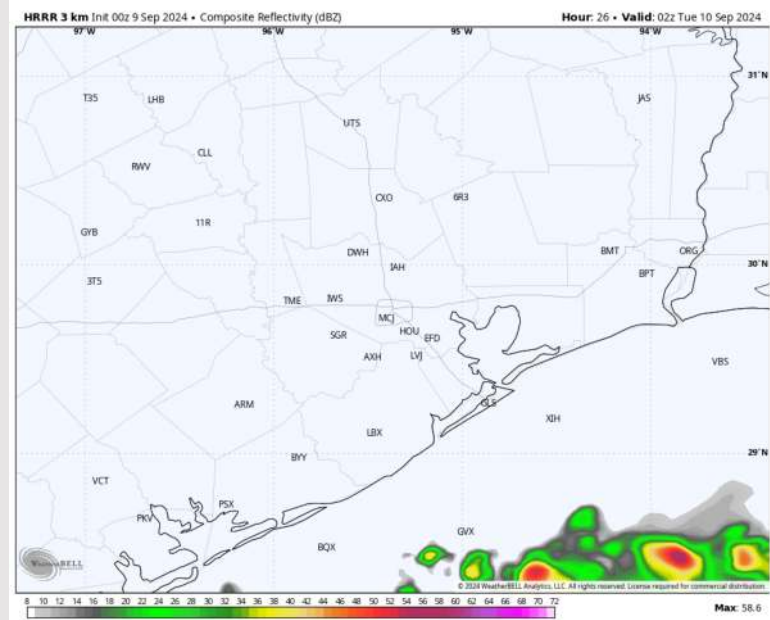
Precip: Favoring dry conditions for today. Scattered to widespread showers/storms remain S/SE of the Boarding Station until after midnight.

Wind: Winds will be out of the NE throughout the day. **N of Morgan's Point:** Winds will be sustained 6 – 11 kts throughout the day. **S of Morgan's Point:** Winds will be sustained at 12 – 18 kts. **Wind gusts S of station 11/12 of 20-30 kts will be possible**

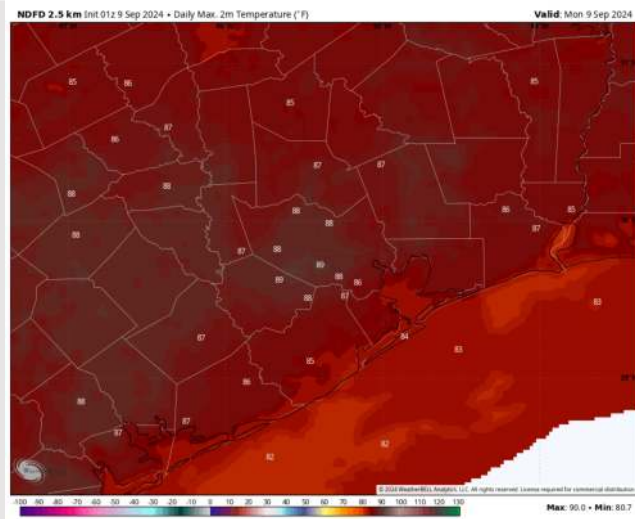
High Temps: **N of Morgan's Point:** Mid to upper 80s F. **S of Morgan's Point:** Low to mid 80s F

Visibility: Not anticipating any fog concerns for today.

Precip Image: 9 PM CT



Wind Speed:
7 AM CT



High Temps
Today

Houston Pilots: TUE. 9/10/2024



Forecast Discussion

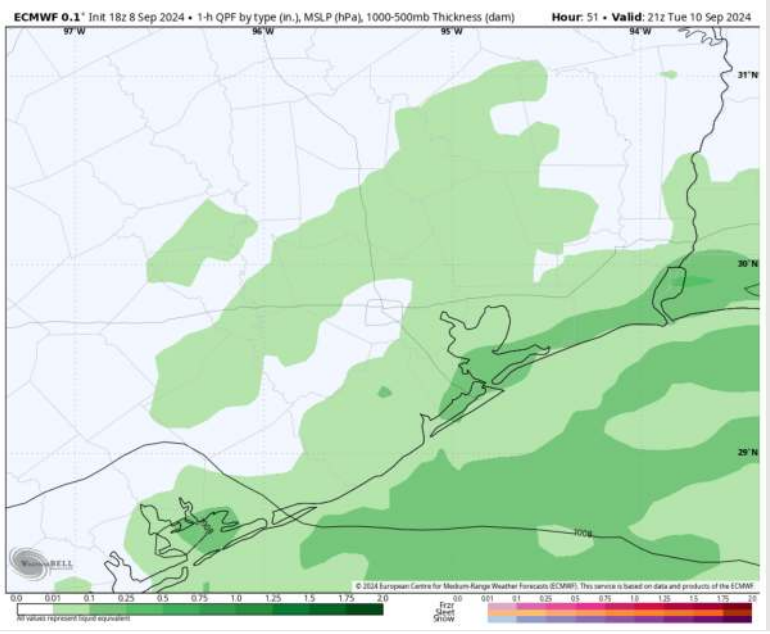
Precip: Favoring scattered to widespread showers/storms to work towards the Boarding Station and Station 11/12 after 5 AM and gradually work N/NW throughout the day, reaching Morgan's Point towards 2 PM.

Wind: Winds will be out of the E/NE for the entire day. **N of Morgan's Point:** Winds at 7- 12 kts throughout the day. **S of Morgan's Point:** Winds will be sustained at 15 - 20 kts throughout the day. **Gusts up to 25 kts in play throughout the day for Stations S of Morgan's Point.**

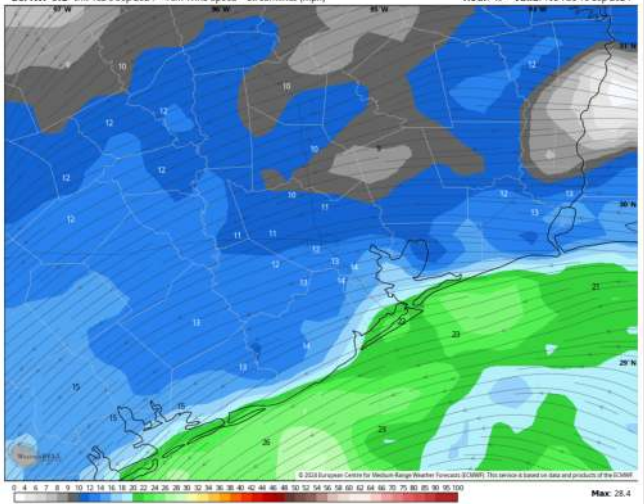
High Temps: **N of Morgan's Point:** Low to mid 80s F. **S of Morgan's Point:** Low 80s F.

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

Precip Image: 4 PM CT

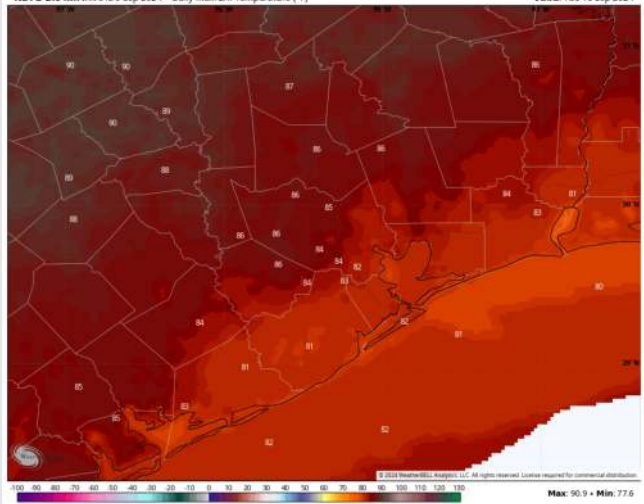


ECMWF 0.1' Init 18z 8 Sep 2024 • 10m Wind Speed • Streamlines (mph) Hour: 49 • Valid: 19z Tue 10 Sep 2024



Wind Speed
2 PM CT

NDFD 2.5 km Init 01z 9 Sep 2024 • Daily Max. 2m Temperature (°F) Valid: Tue 10 Sep 2024



High Temps
Tuesday

Houston Pilots: WED. 9/11/2024



Forecast Discussion

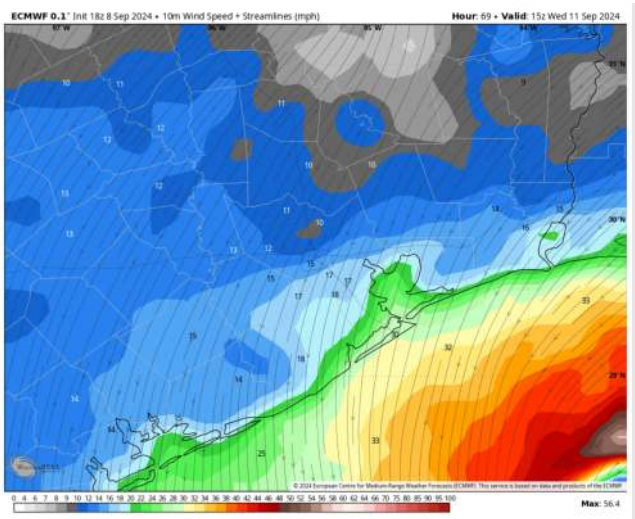
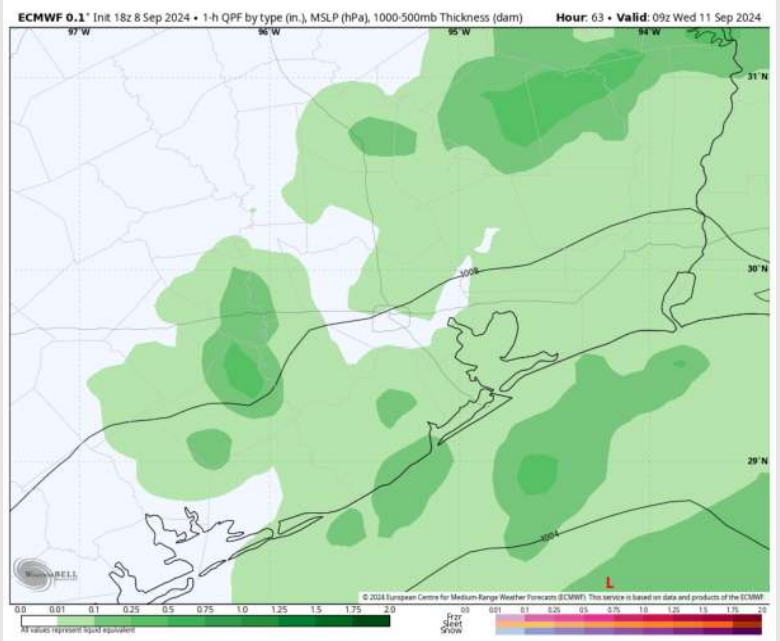
Precip: Widespread rainfall continues for all Stations through 5 PM, at which time rain is expected to move further East.

Wind: Winds will be out of the E/NE throughout the day. **N of Morgan's Point:** Winds will be at 10-15 kts throughout the day. **S of Morgan's Point:** Sustained winds will be 20-25 kts throughout the day, with sustained winds elevated to 30-35 kts possible S of 51/52.

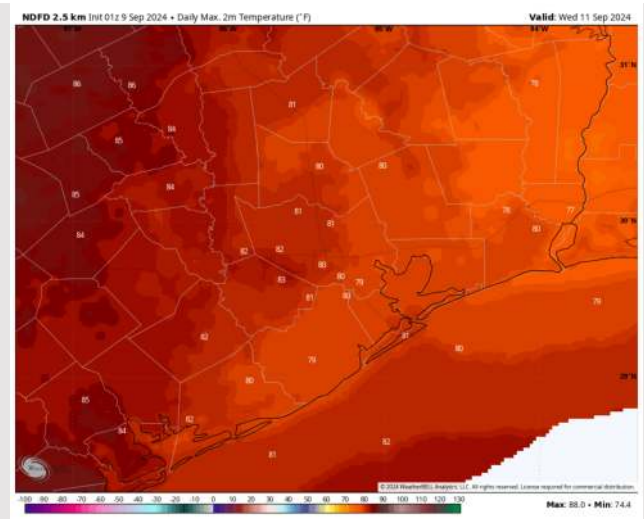
High Temps: **N of Morgan's Point:** Near 80 F. **S of Morgan's Point:** Near 80 F.

Visibility: Not anticipating any fog concerns for Wednesday, however visibilities will be reduced under heavy downpours.

Precip Image: 4 AM CT



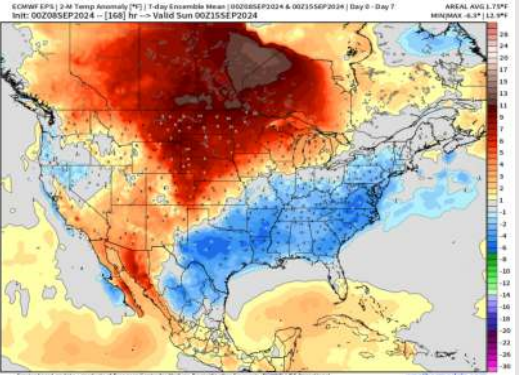
Wind Speed:
10 AM CT



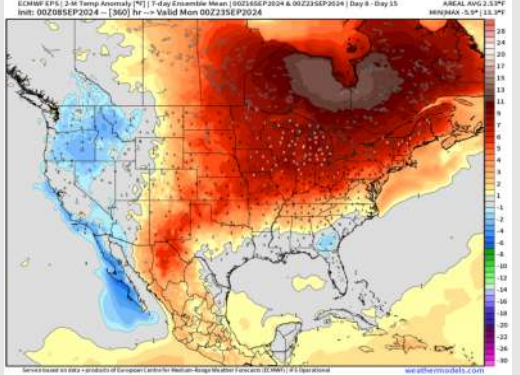
High Temps
Wednesday

Houston Pilots: 9/9/24

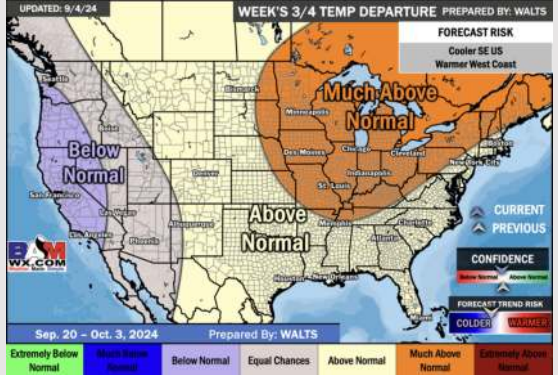
Next 7 Day Temperature Departure



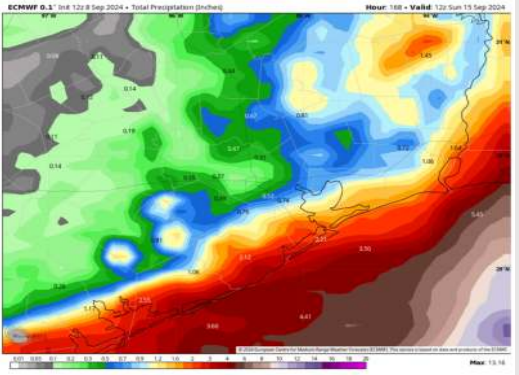
8-14 Day Temperature Departure



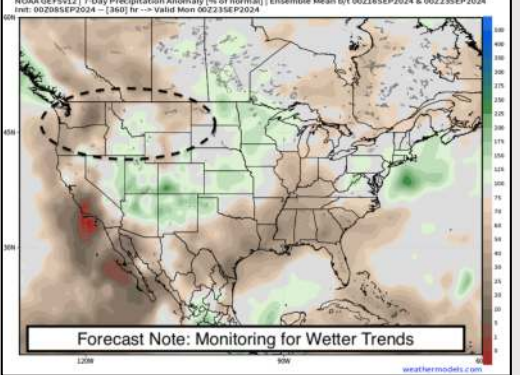
15-30 Day Temperature Departure



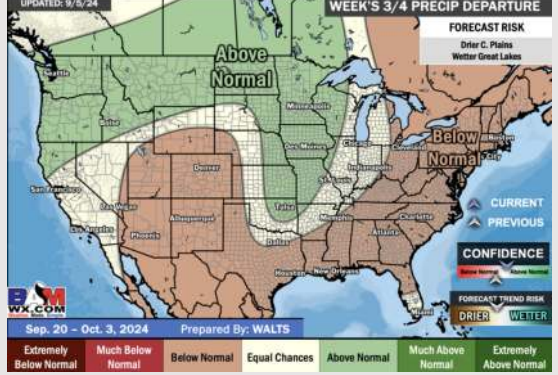
Next 7 Day Total Precipitation



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 throughout the week, while awaiting potential tropical impacts mid-week.
- 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.