

Houston Pilots Forecast Package



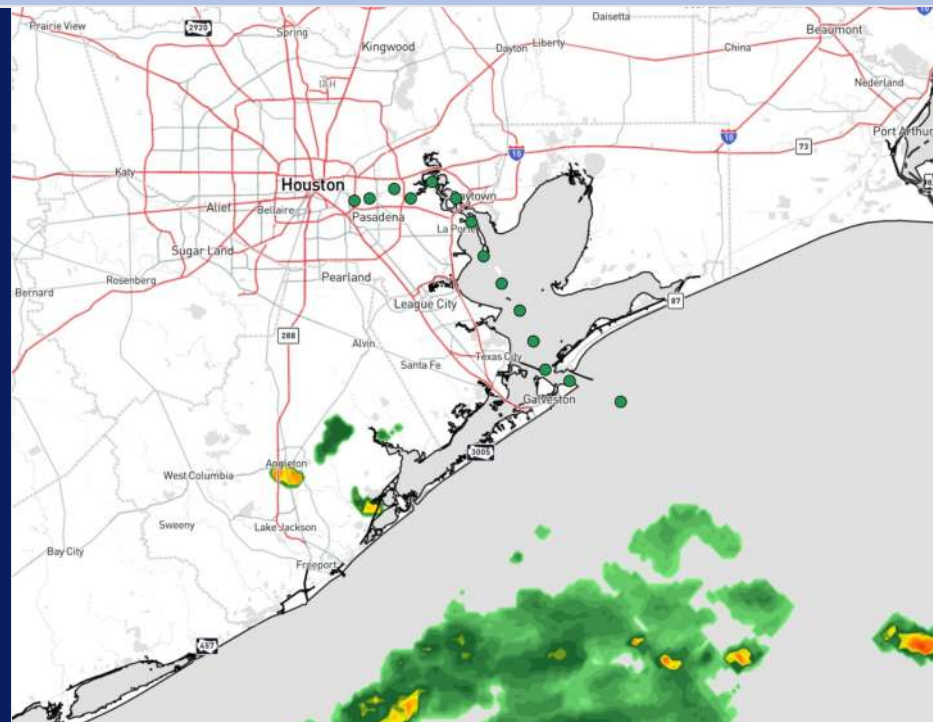
Updated: 10:40 PM CT

Tuesday, September 3, 2024

Forecaster: John Kemper

Weather Headlines

- Frequent periods of downpours / storms in play throughout the week, with up to **~30 - 40 kt gusts possible embedded in storms this (Wed) PM.**
- Monitoring a tropical wave working through the Caribbean. Check tropical slides for more info.
- Not favoring any fog risks over the next few days.



Current Radar: 10:30 PM CT



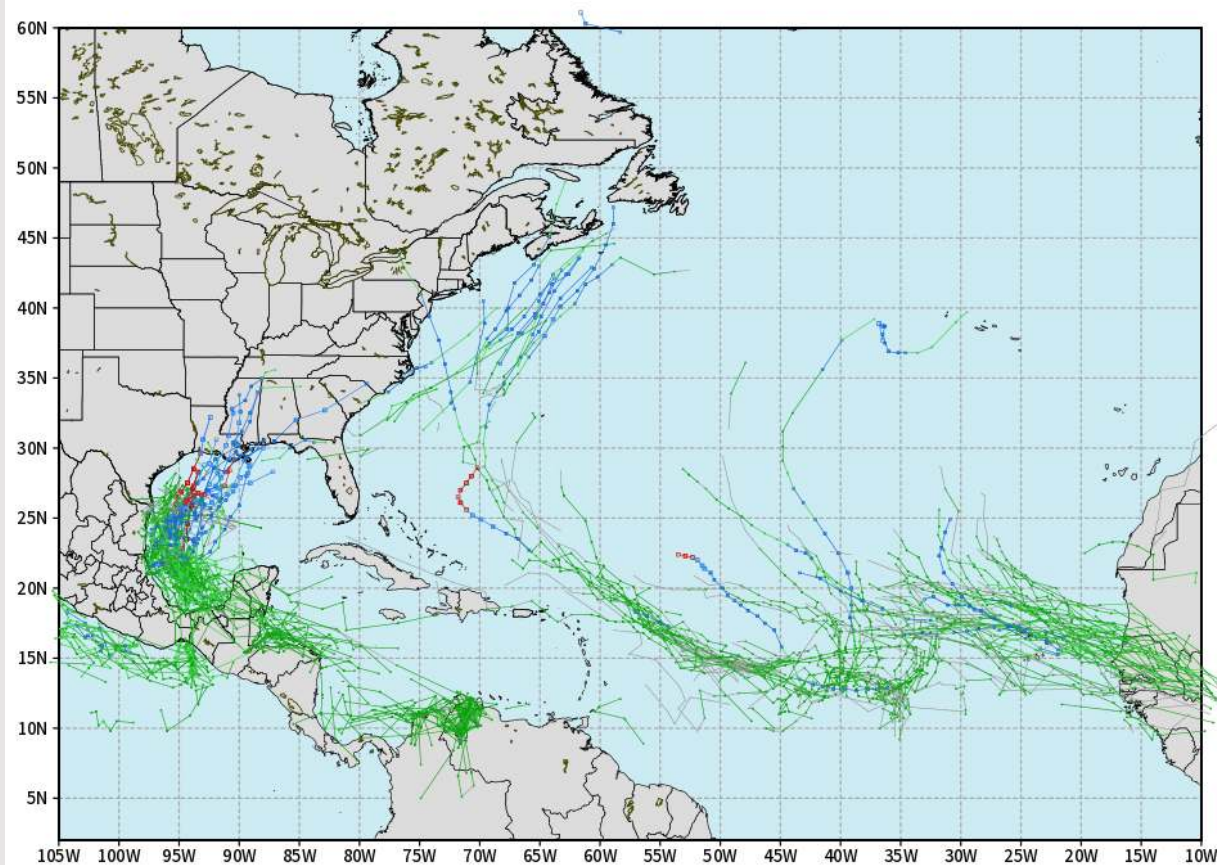
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z03SEP2024 --> UNTIL 12Z13SEP2024

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

Favoring a Tropical System to continue to work through the E Caribbean. Continued development looks possible as it crosses over the Yucatan Peninsula into the Gulf this weekend. We are keeping a close eye on this system for possible low-end impacts into Sunday – Tuesday (9/8 – 9/10), with additional risks for rain/storms and perhaps a higher gust or two.

See next slide for latest on timing.

Houston Pilots Tropical Update

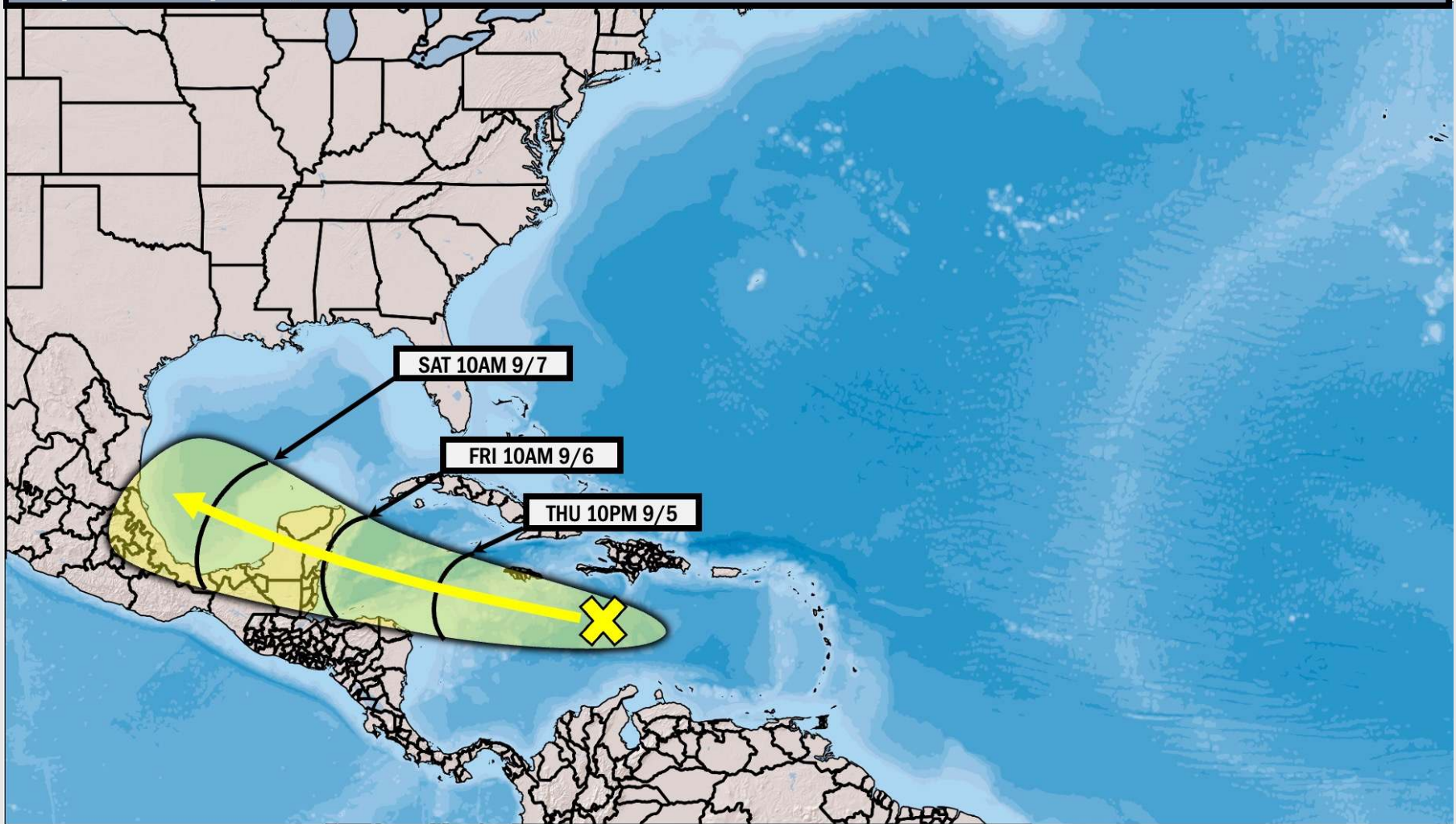


Tracking Tropical Wave

Sept 3rd - Sept 8th, 2024

FORECASTER: Kemper

UPDATED: 9/3/24 9:35 PM CT



Formation Chances	0 - 20%	20%-40%	40%-60%	60%-80%	80% - 100%

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	Wed 9 pm	Wed 10 pm	Wed 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	9	10.1	10.1	10.1	10.1	9	6.9	5.9	3.9	3.9	3.9	4.9	5.9	6.9	8
Houston Pilots M - Kinder 1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9	10.1	10.1	10.1	10.1	9	6.9	5.9	3.9	3.9	3.9	4.9	5.9	6.9	8
Houston Pilots L - Greens Bayou	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	10.1	10.1	10.1	10.1	9	6.9	6.9	3.9	3.9	3.9	4.9	5.9	6.9	8
Houston Pilots K - Shell Crude	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	10.1	10.1	10.1	10.1	9	6.9	5.9	3.9	3.9	3.9	4.9	5.9	6.9	8
Houston Pilots J - Lynchburg Ferries	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	10.1	10.1	10.1	10.1	9	6.9	6.9	3.9	3.9	3.9	4.9	5.9	6.9	8
Houston Pilots I - Exxon 3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	10.1	10.1	10.1	10.1	9	6.9	5.9	3.9	3.9	3.9	4.9	5.9	6.9	8
Houston Pilots H - Morgans Point	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	10.1	10.1	10.1	10.1	9	6.9	5.9	3.9	3.9	3.9	4.9	5.9	6.9	6.9
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	7.9	5.9	4.9	3	3	3	3.9	4.9	5.9	8	8
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	7.9	5.9	3.9	3	3	3	3.9	4.9	5.9	8	8
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	9	6.9	5.9	3.9	3	3	3.9	3.9	4.9	5.9	6	6
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	9	6.9	5.9	3.9	3	3	3.9	3.9	4.9	5.9	5	6
Houston Pilots C - 25/26	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.9	6.9	10.1	7.9	6.9	5.9	3.9	3	3	3.9	3.9	4.9	5.9	5	7
Houston Pilots B - 11/12	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9	6.9	10.1	7.9	6.9	4.9	3.9	3	3	3.9	3.9	4.9	6.9	5	8
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	7.9	6.9	5.9	3.9	3	3	3.9	3.9	6.9	6.9	7	9

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

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Houston Pilots: WED. 9/4/2024



Forecast Discussion

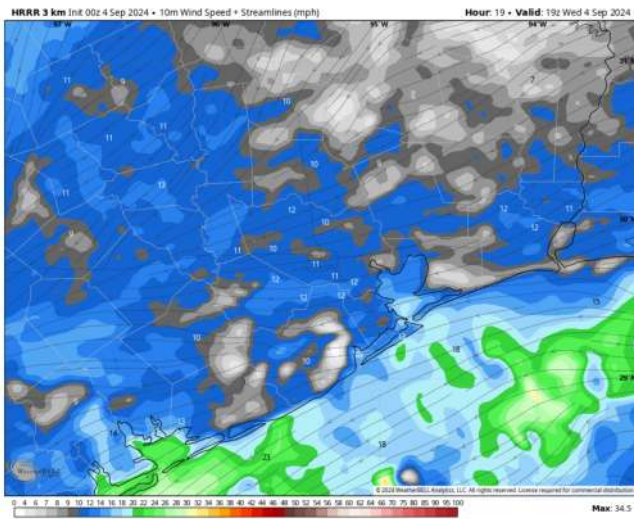
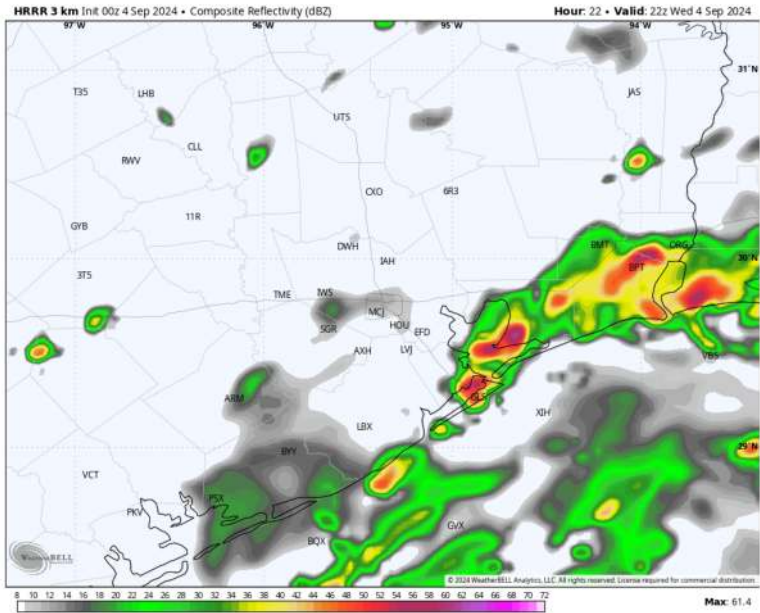
Precip: WED AM will begin with 10% spotty showers through 1PM. Scattered to widespread (40-50%) showers and storms in play for all Stations from 1PM through the remainder of the day. **Stronger storms will offer up potential for wind gusts near 30-40 kts.**

Wind: Winds will be generally out of the E/NE throughout the day. **N of Morgan's Point:** Winds at 5 - 10 kts through 10AM before increasing to 8 - 13kts for the remainder the day. **S of Morgan's Point:** Winds will be at 19 - 23 kts throughout the day. **Non-thunderstorm wind gusts of 30 kts can be possible for stations S of 37/38.**

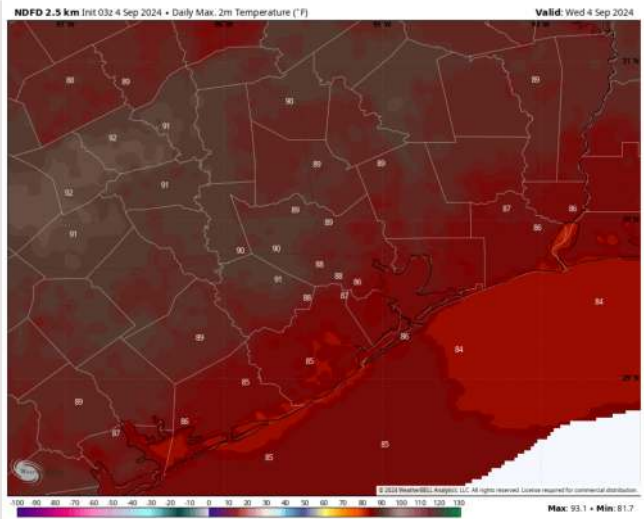
High Temps: **N of Morgan's Point:** Mid to upper 80s F. **S of Morgan's Point:** Mid 80s F.

Visibility: Not anticipating any fog concerns for today, however, reduced visibilities will be possible in heavy downpours.

Precip Image: 5 PM CT



Wind Speed
2 PM CT



High Temps
Today

Houston Pilots: THU. 9/5/2024



Forecast Discussion

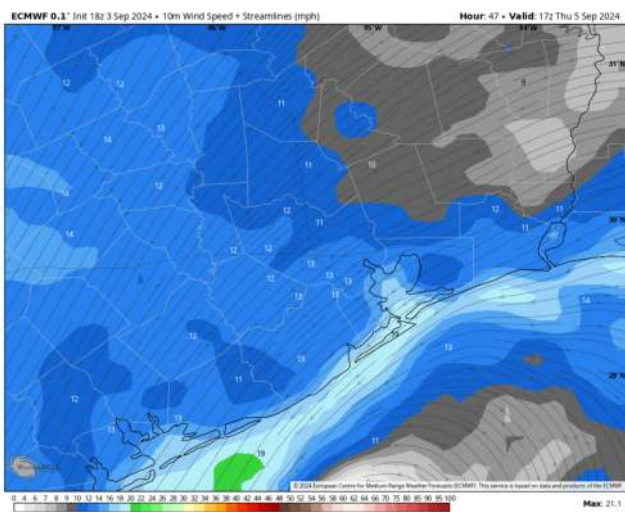
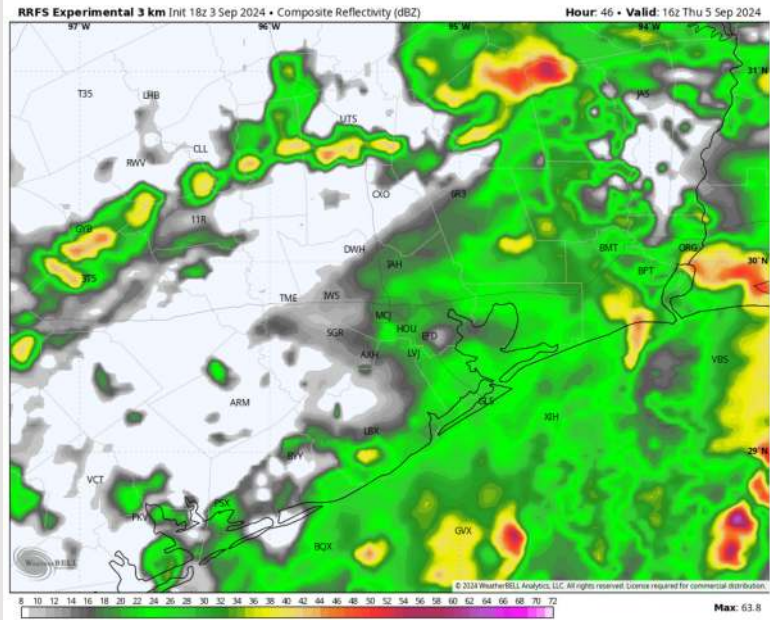
Precip: Scattered to widespread showers and storms can be expected across all stations throughout the day. Coverage will be the greatest and most frequent for stations S of Morgan's Point.

Wind: Sustained winds will be out of the NE throughout the day. **N of Morgan's Point:** Winds will be at 5 – 10 kts for the day. **S of Morgan's Point:** Winds will be at 13 -18 kts with occasional gusts near 20-23 kts at the Boarding Station.

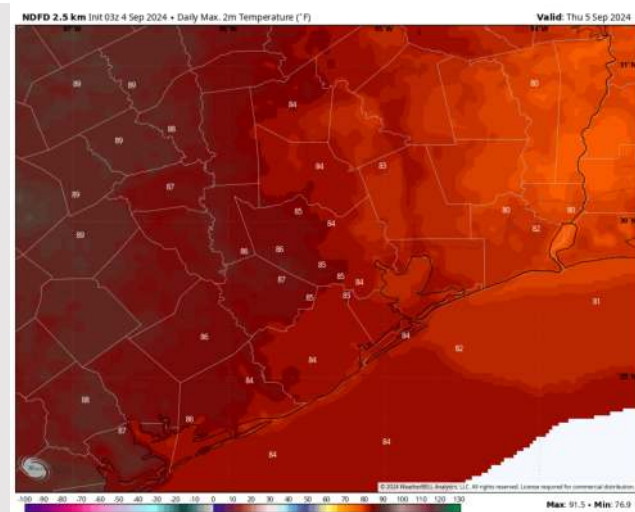
High Temps: **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Low 80s F.

Visibility: Not anticipating any visibility concerns Thursday.

Precip Image: 11 AM CT



Wind Speed:
12 PM CT



High Temps
Thursday

Forecast Discussion

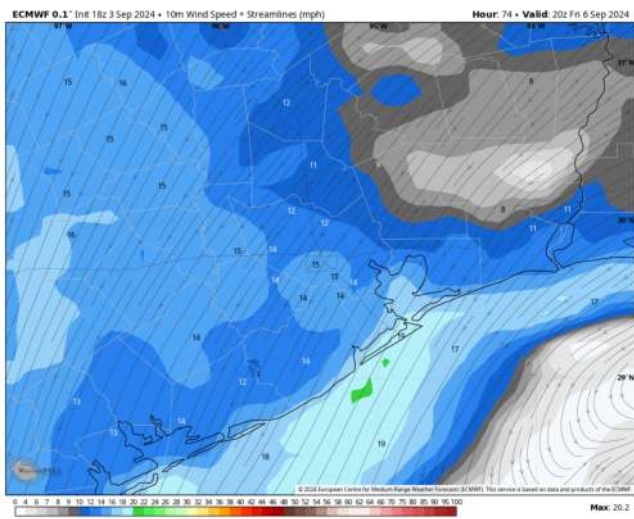
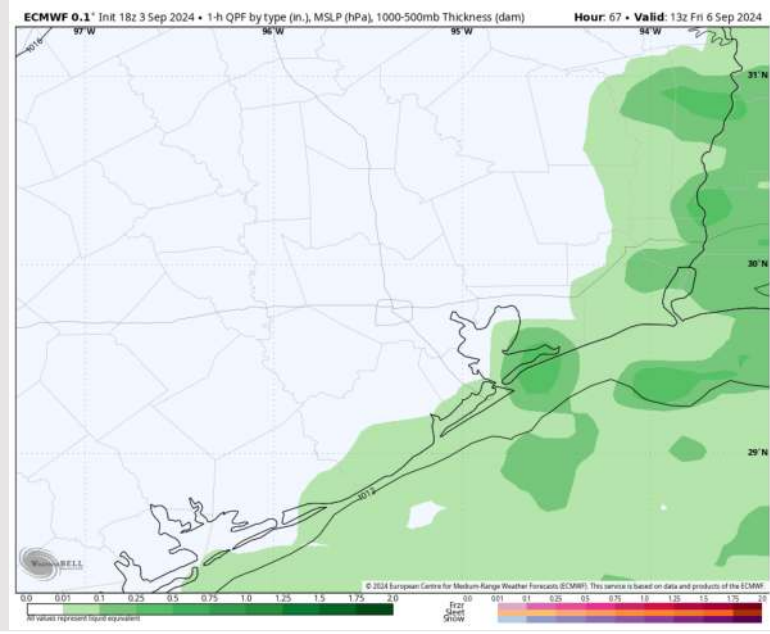
Precip: Persistent chances of rain in play as system continues to sit along the southeast Texas coast. More widespread to start the morning, with chances becoming more scattered by ~ 7PM.

Wind: Winds will be out of the NE throughout the day. **N of Morgan's Point:** Winds will be sustained 7 - 12 kts throughout the rest of the day. **S of Morgan's Point:** Winds will be sustained at 12 - 17 kts, with gusts of 18-20 kts possible for stations S of Morgan's Point.

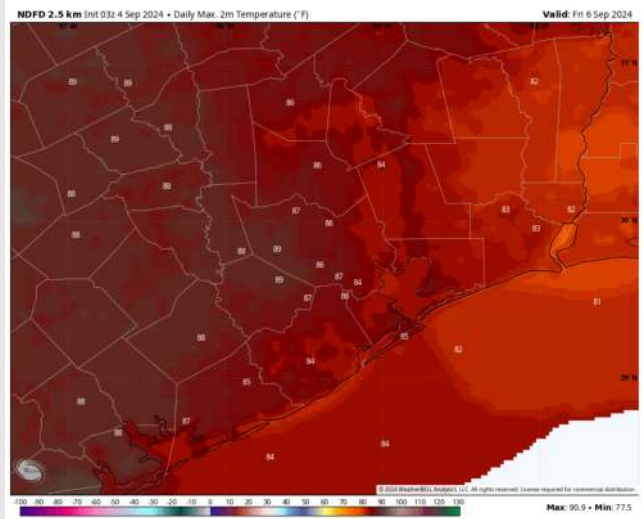
High Temps: N of Morgan's Point: Mid 80s F. S of Morgan's Point: Low 80s F.

Visibility: Not anticipating any fog concerns for Friday.

Precip Image: 8 AM CT

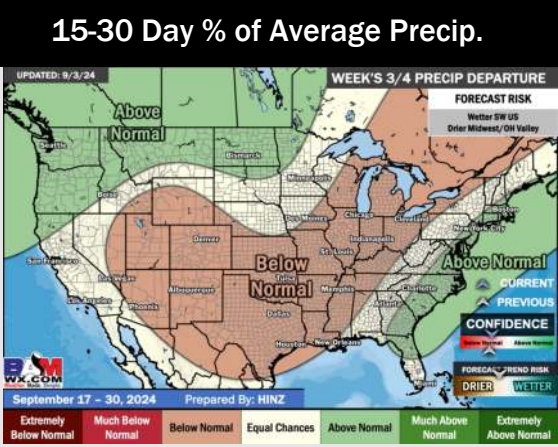
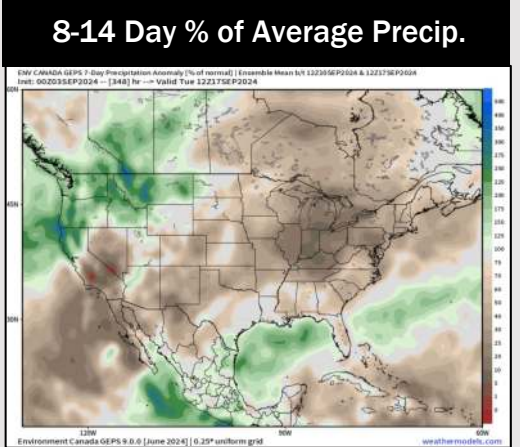
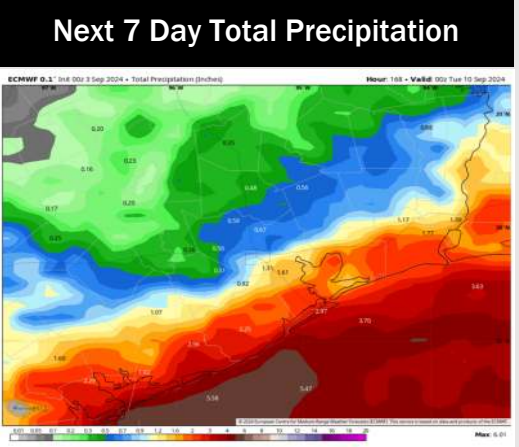
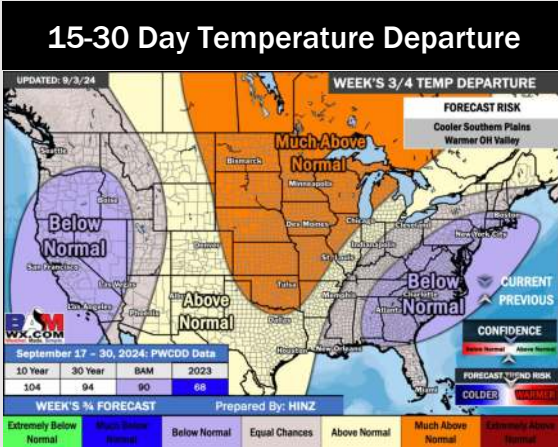
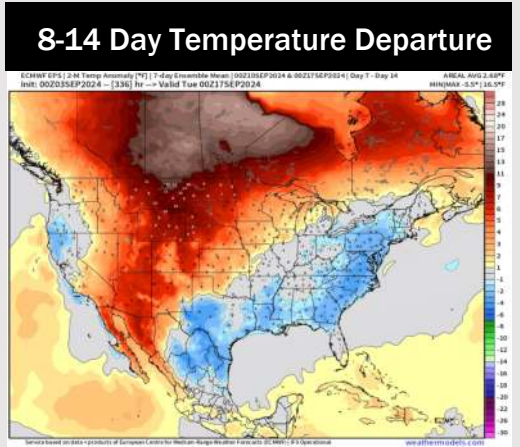
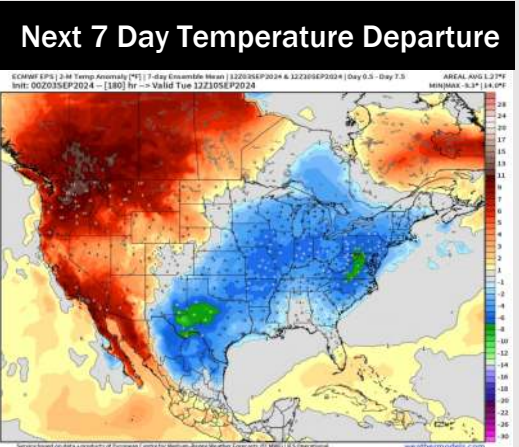


Wind Speed:
3 PM CT



High Temps
Friday

Houston Pilots: 9/4/24



- Temps are expected to be below normal for the week 1 timeframe. Scattered to widespread rain chances are expected daily through the next week.
- Below normal temperatures are favored for week 2 with seasonable / average rain chances. Tropical activity threats for Week 2 and beyond will continue to be monitored
- Above normal temperatures and seasonable precipitation chances are expected for the weeks 3/4 timeframe.