

Houston Pilots Forecast Package



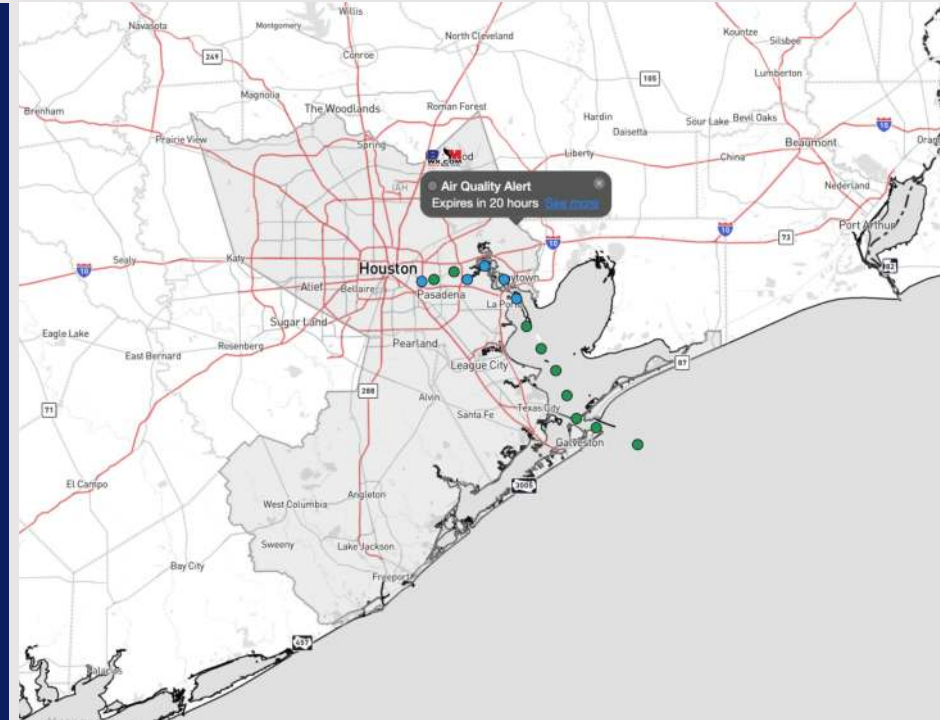
Updated: 11:00 PM CT

Friday, September 27, 2024

Forecaster: John Kemper

Weather Headlines

- Winds are favored to remain mostly calm through the weekend. Rarely exceeding 12 kts.
- Not anticipating any visibility concerns for stations.
- **Watching the Caribbean closely for the next potential system for next week! See Tropical Update below!**



Current Radar: 10:55 PM CT



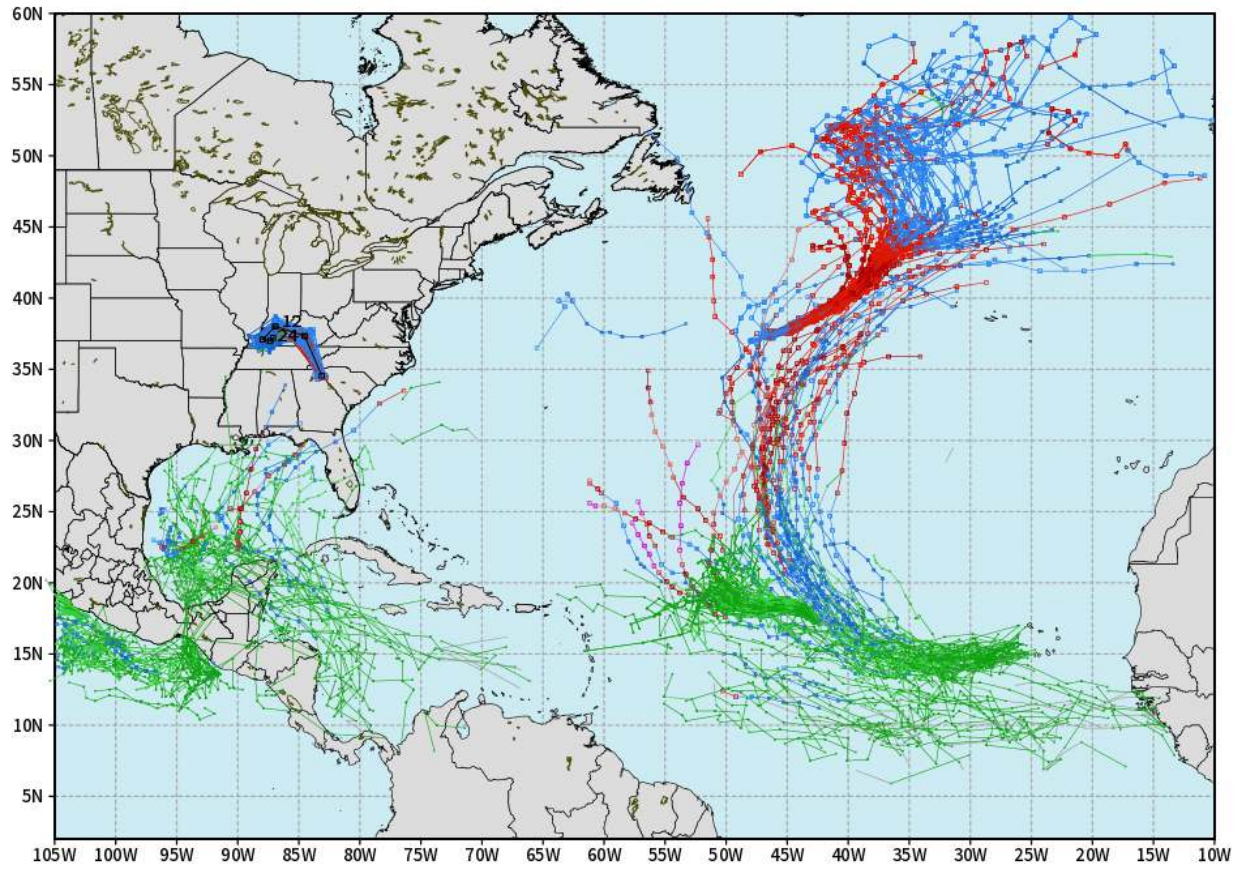
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z27SEP2024 --> UNTIL 12Z07OCT2024

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 favoring a tropical system to develop in the W Caribbean, likely pushing into the Gulf of Mexico by late next week. Confidence is low on exact timing and intensity.

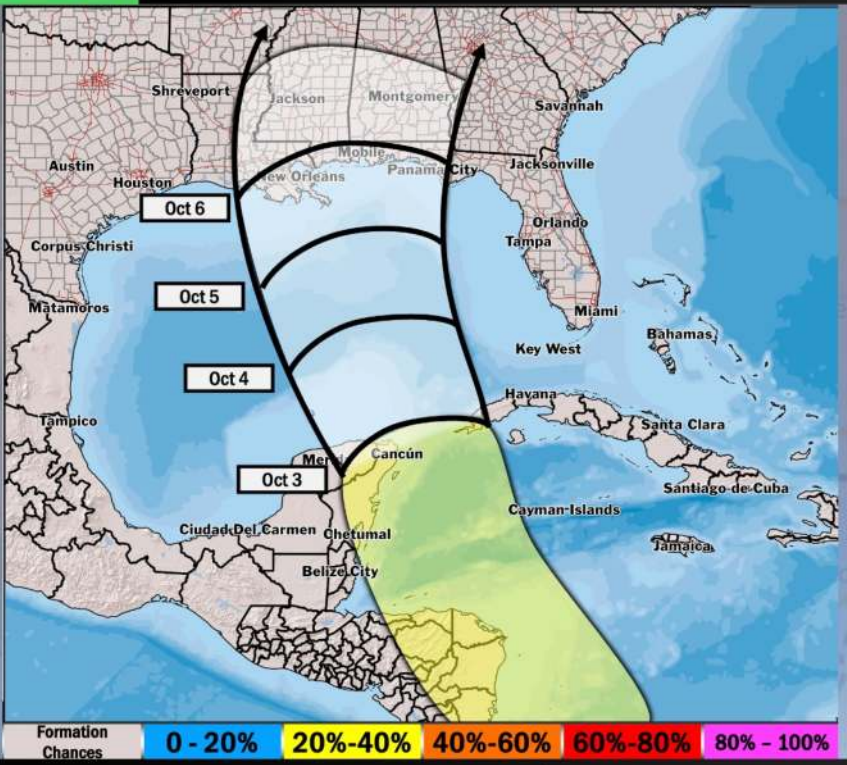
Elsewhere in the Atlantic, Joyce and Issac will remain away from the US Coast.

Houston Pilots Tropical Update



 **Next Potential Tropical System**


TROPICAL INSIGHT 8:05 PM ET Friday September 27, 2024 **Forecaster: Lowry**



TIMING: Current – October 6th

FORECAST NOTES:

- ✓ Area in **yellow** highlights area of risk for possible development.
- ✓ General timing is provided for the low-pressure system that can gradually work N into the Gulf
- ✓ Timing and formation chances will need adjusted over the coming days,

 **Weather. Made. Simple.**

Houston Pilots Visibility Chart (miles)



Forecast Confidence



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

Above Normal Below Normal

Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE

Example

10

15

↙

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

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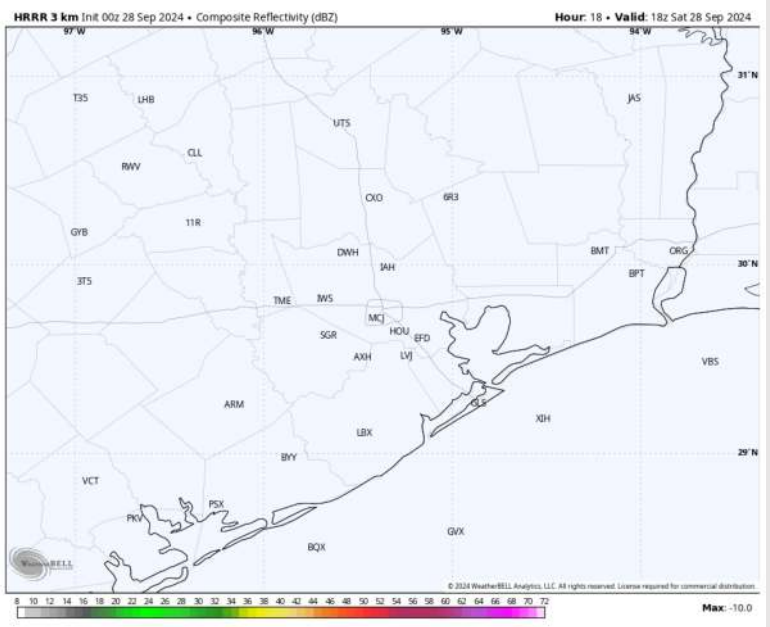
Houston Pilots: SAT. 9/28/2024



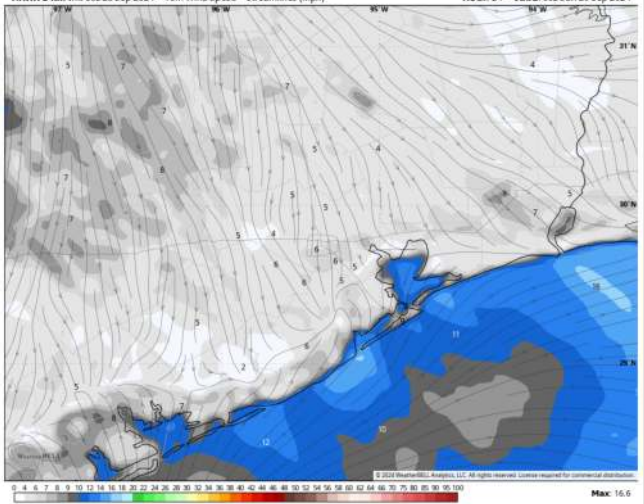
Forecast Discussion

- Precip:** Favoring dry conditions for today.
- Wind:** Winds will be variable through 5PM before shifting back out of the SW. **N of Morgan's Point:** Winds at 3-8 kts throughout the day. **S of Morgan's Point:** Winds will be at 3-8 kts through 5PM before increasing to 7-12 kts for remainder of today.
- High Temps:** **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Mid to upper 80s F.
- Visibility:** Not anticipating any visibility concerns for today.

Precip Image: 1 PM CT

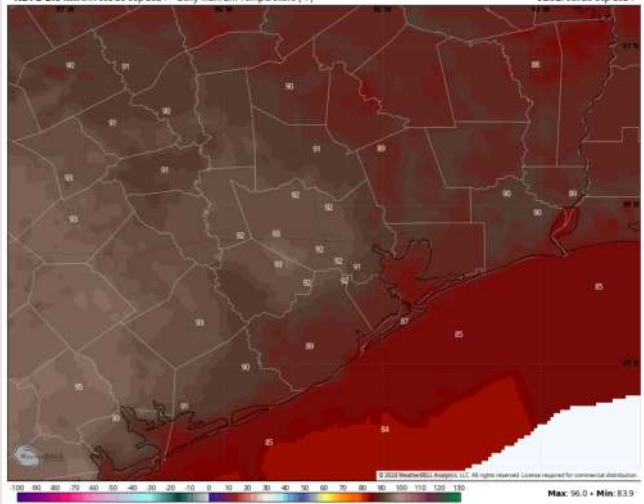


HRRR 3 km Init 00z 28 Sep 2024 • 10m Wind Speed • Streamlines (mph) Hour: 24 • Valid: 00z Sun 29 Sep 2024



Wind Speed
7 PM CT

NDFD 2.5 km Init 03z 28 Sep 2024 • Daily Max: 2m Temperature (°F) Valid: Sat 28 Sep 2024



High Temps
Today

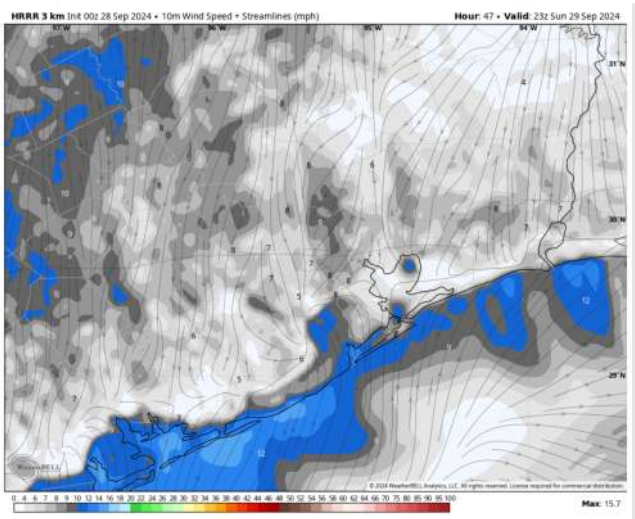
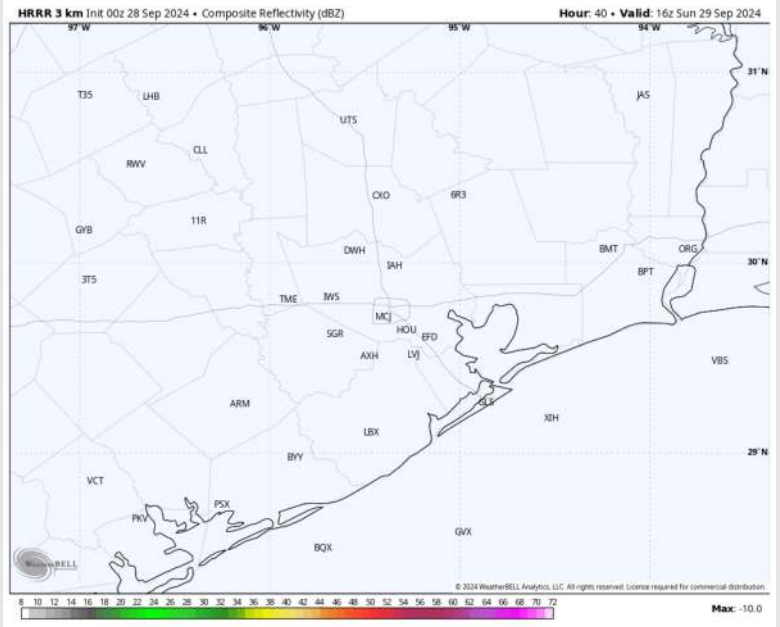
Houston Pilots: SUN. 9/29/2024



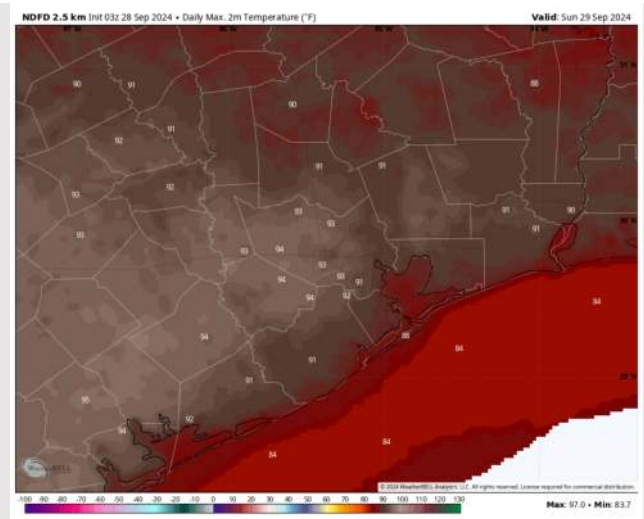
Forecast Discussion

- Precip:** Favoring dry conditions through the day on Sunday.
- Wind:** Winds will be generally out of the N/NW through the remainder of the day, becoming variable at times. **N of Morgan's Point:** Winds will be at 2 – 7 kts. **S of Morgan's Point:** Winds will be 7 – 12 kts through 12PM before decreasing to 3 – 8 kts for the rest of the day.
- High Temps:** **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Mid 80s F.
- Visibility:** Not favoring any fog concerns for Sunday.

Precip Image: 11 AM CT



Wind Speed:
6 PM CT



High Temps
Sunday

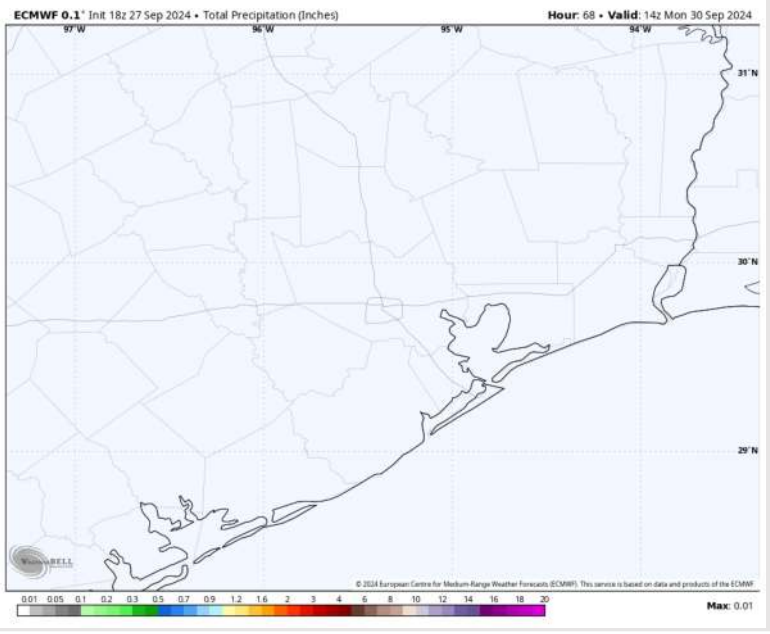
Houston Pilots: MON. 9/30/2024



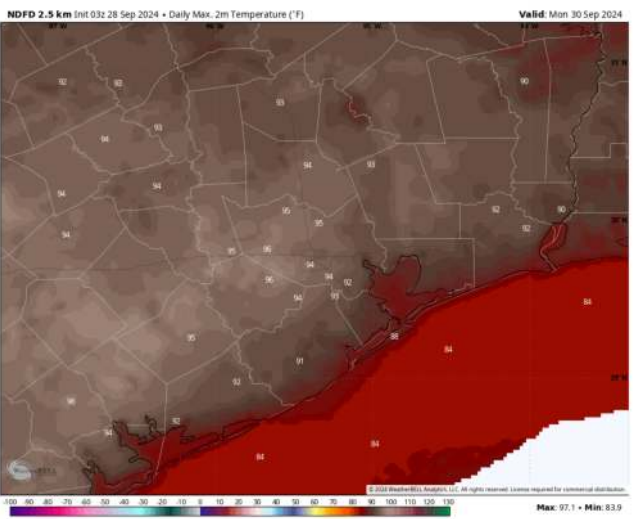
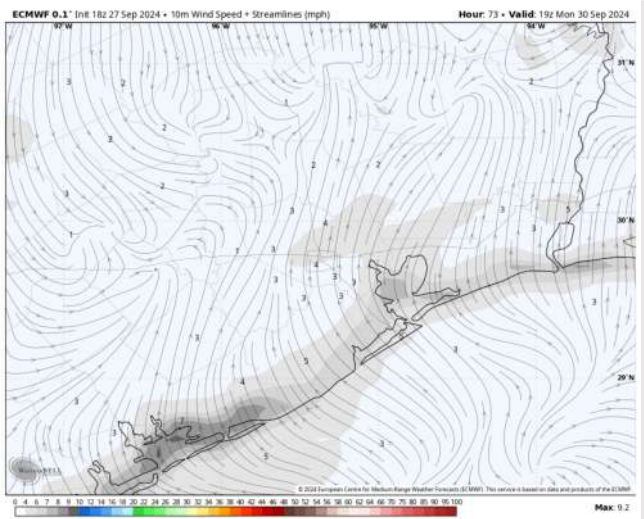
Forecast Discussion

- Precip:** Favoring dry conditions for Monday.
- Wind:** Winds will be variable through all of Monday. **N of Morgan's Point:** Winds will be sustained at 3 – 5 kts throughout Monday. **S of Morgan's Point:** Winds will be at 4 – 8 kts throughout the day.
- High Temps:** **N of Morgan's Point:** Lower to mid 90s F. **S of Morgan's Point:** Mid 80s F
- Visibility:** Not anticipating any visibility concerns for Monday.

Precip Image: 9 AM CT



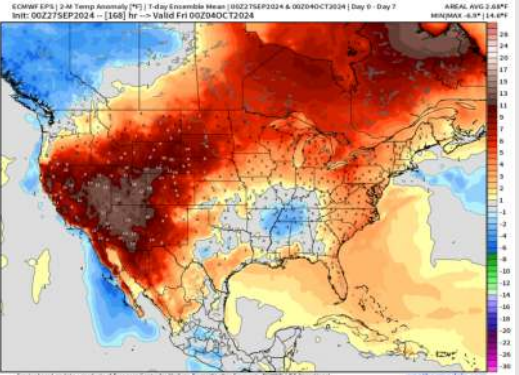
Wind Speed:
2 PM CT



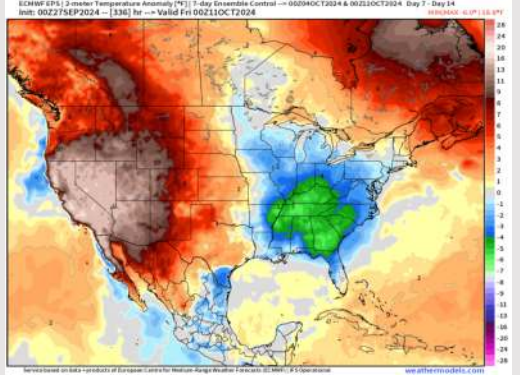
High Temps
Monday

Houston Pilots: 9/28/24

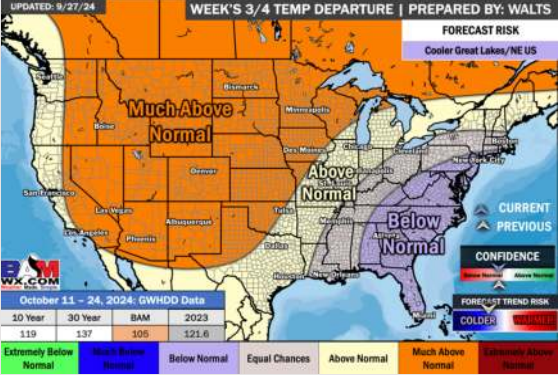
Next 7 Day Temperature Departure



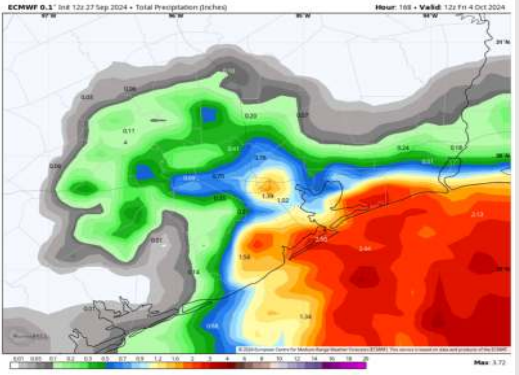
8-14 Day Temperature Departure



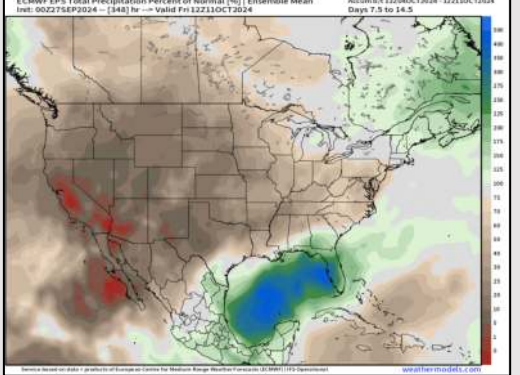
15-30 Day Temperature Departure



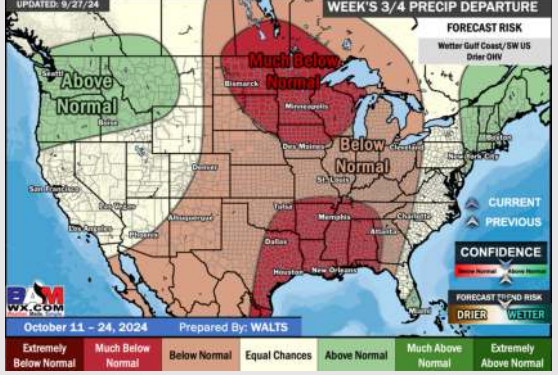
Next 7 Day Total Precipitation



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 dry conditions through most of week 1 with rain chances increasing into the first weekend of Oct.
- Above normal temperatures are favored for week 2. Confidence is low on rain chances due to additional tropical risks for week 2.
- Above normal temperatures and much below normal precipitation chances are expected for the weeks ¾ timeframe.