

Houston Pilots Forecast Package



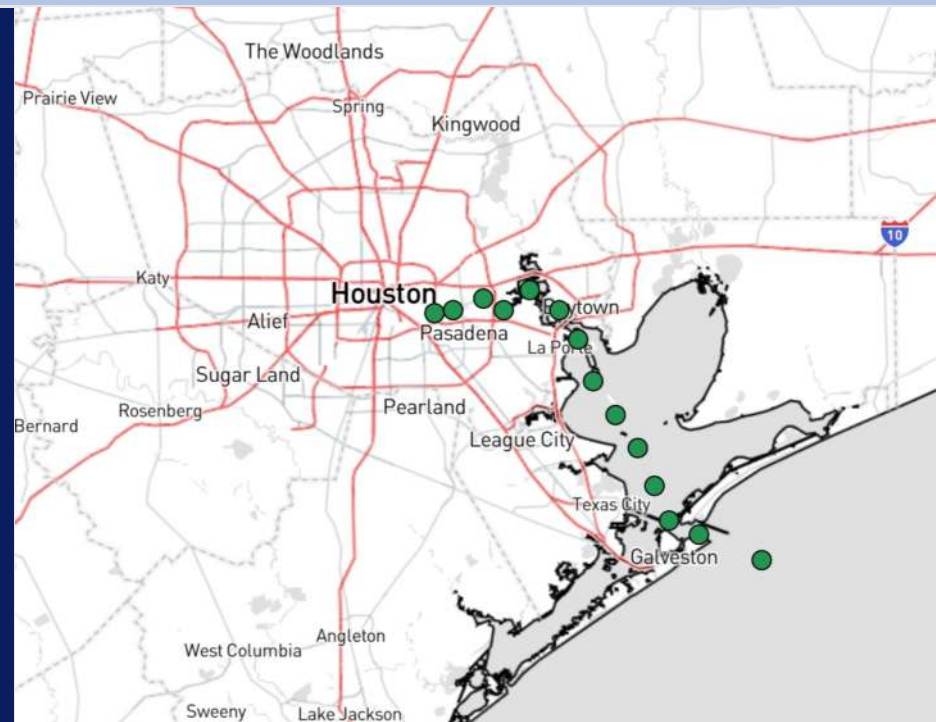
Updated: 10:15 PM CT

Saturday, September 21, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Favoring mostly dry conditions into early next week with only isolated light showers today/MON.
- Low end risk for patchy fog this morning, however best risk is likely N of all Stations
- **Tropical development favored in Caribbean early next week. See latest updates below for more.**



Current Radar: 10:11 PM CT



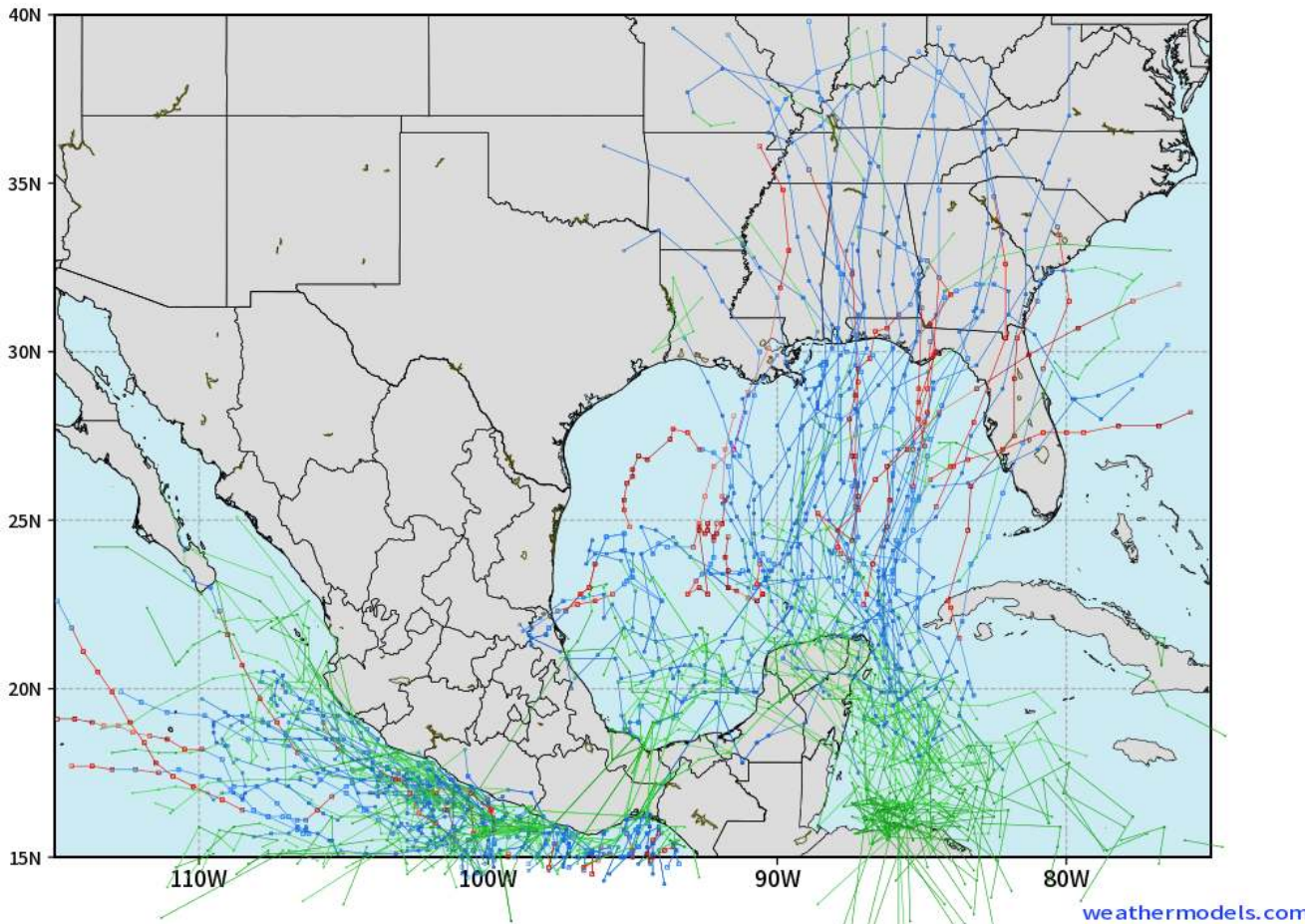
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF GULF EPS Cyclone Locations --> Next [10-days]
INIT: 12Z21SEP2024 --> UNTIL 12Z01OCT2024

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



Additional tropical development is favored in the Caribbean late this weekend and into next week. At this time, trends continue to suggest any tropical storm/hurricane that forms within the next 7-10 days should stay east of SE Texas.

Confidence is low overall. Additional updates to follow.

Houston Pilots Tropical Update



CLARITY Potential Tropical Formation

TROPICAL INSIGHT 7:50 PM ET Friday, September 20, 2024 Forecaster: Lowry



TIMING: September 24th – October 1st

FORECAST NOTES:

- ✓ An area (Purple) in the W Caribbean and W Gulf is marked for potential tropical development this weekend.
- ✓ Exact track remains uncertain however current progression is favored for E Gulf
- ✓ Areas in Orange should be ready / monitor potential into next week. Areas in Green likely at a heavy rainfall risk regardless of development.



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	10	10	10	10	10	10	10	10	9	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	9	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	9	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	9	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	9	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	9	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



→ 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	6 12 ↖	6 10 ↖	5 10 ↖	5 9 ↖	3 8 ↖	3 8 ↖	3 7 ↖	2 6 ↖	2 6 ↖	3 6 ↖	3 7 ↖	3 8 ↖	5 10 ↖	6 12 ↖	6 13 ↖	7 14 ↖	8 15 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 15 ↖	7 14 ↖	6 12 ↖	5 10 ↖
Houston Pilots M - Kinder 1	6 12 ↖	6 10 ↖	5 10 ↖	5 9 ↖	3 8 ↖	3 8 ↖	3 7 ↖	2 6 ↖	2 6 ↖	3 6 ↖	3 7 ↖	3 8 ↖	5 10 ↖	6 12 ↖	6 13 ↖	7 14 ↖	8 15 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 15 ↖	7 14 ↖	6 12 ↖	5 10 ↖
Houston Pilots L - Greens Bayou	6 12 ↖	5 10 ↖	5 10 ↖	3 9 ↖	3 8 ↖	3 8 ↖	3 7 ↖	2 6 ↖	2 6 ↖	2 6 ↖	3 7 ↖	3 8 ↖	5 10 ↖	6 12 ↖	6 13 ↖	7 14 ↖	8 15 ↖	8 15 ↖	8 16 ↖	8 16 ↖	8 15 ↖	7 13 ↖	6 12 ↖	5 9 ↖
Houston Pilots K - Shell Crude	6 12 ↖	5 10 ↖	5 10 ↖	3 9 ↖	3 8 ↖	3 8 ↖	3 7 ↖	2 6 ↖	2 6 ↖	2 6 ↖	3 7 ↖	3 8 ↖	5 10 ↖	6 12 ↖	7 13 ↖	7 14 ↖	8 15 ↖	8 15 ↖	8 16 ↖	8 16 ↖	8 15 ↖	7 13 ↖	6 12 ↖	5 9 ↖
Houston Pilots J - Lynchburg Ferries	5 12 ↖	5 10 ↖	5 10 ↖	3 9 ↖	3 8 ↖	3 7 ↖	2 6 ↖	2 6 ↖	2 6 ↖	2 6 ↖	3 7 ↖	3 8 ↖	5 9 ↖	6 12 ↖	6 13 ↖	7 14 ↖	8 14 ↖	8 15 ↖	8 16 ↖	8 16 ↖	8 15 ↖	6 13 ↖	6 12 ↖	3 9 ↖
Houston Pilots I - Exxon 3	10 14 ↖	9 14 ↖	9 14 ↖	8 13 ↖	8 12 ↖	7 10 ↖	6 9 ↖	6 8 ↖	5 7 ↖	5 8 ↖	5 8 ↖	6 9 ↖	6 10 ↖	8 13 ↖	9 15 ↖	10 15 ↖	10 17 ↖	10 17 ↖	12 17 ↖	12 17 ↖	12 17 ↖	10 15 ↖	10 13 ↖	8 12 ↖
Houston Pilots H - Morgans Point	10 15 ↖	10 14 ↖	10 14 ↖	9 13 ↖	8 12 ↖	8 12 ↖	6 9 ↖	6 8 ↖	5 8 ↖	5 8 ↖	5 8 ↖	6 9 ↖	6 10 ↖	8 13 ↖	9 14 ↖	10 15 ↖	10 16 ↖	10 16 ↖	10 17 ↖	10 16 ↖	10 15 ↖	10 14 ↖	8 13 ↖	8 12 ↖
Houston Pilots G - 75/76	12 15 ↖	12 15 ↖	12 15 ↖	10 15 ↖	10 15 ↖	9 14 ↖	8 13 ↖	8 10 ↖	7 10 ↖	6 9 ↖	6 10 ↖	6 10 ↖	6 12 ↖	8 13 ↖	8 15 ↖	10 15 ↖	10 16 ↖	10 17 ↖	10 17 ↖	12 17 ↖	10 15 ↖	10 14 ↖	10 13 ↖	9 13 ↖
Houston Pilots F - 63/64	12 15 ↖	12 15 ↖	12 15 ↖	10 15 ↖	10 15 ↖	10 14 ↖	8 13 ↖	8 12 ↖	7 10 ↖	7 10 ↖	6 10 ↖	6 10 ↖	6 12 ↖	7 13 ↖	8 14 ↖	9 15 ↖	10 16 ↖	10 16 ↖	10 17 ↖	10 17 ↖	10 15 ↖	10 14 ↖	9 13 ↖	9 13 ↖
Houston Pilots E - 51/52	12 16 ↖	12 16 ↖	12 16 ↖	10 15 ↖	10 15 ↖	10 15 ↖	9 14 ↖	8 12 ↖	7 10 ↖	7 10 ↖	7 10 ↖	7 10 ↖	7 12 ↖	7 13 ↖	8 14 ↖	8 15 ↖	9 16 ↖	10 16 ↖	10 16 ↖	10 16 ↖	10 15 ↖	10 14 ↖	9 13 ↖	9 13 ↖
Houston Pilots D - 37/38	12 16 ↖	12 16 ↖	12 16 ↖	10 15 ↖	10 15 ↖	10 15 ↖	9 14 ↖	8 13 ↖	8 12 ↖	7 10 ↖	7 10 ↖	7 10 ↖	7 12 ↖	7 13 ↖	8 14 ↖	8 14 ↖	9 15 ↖	10 16 ↖	10 16 ↖	10 16 ↖	10 15 ↖	10 14 ↖	9 13 ↖	9 13 ↖
Houston Pilots C - 25/26	10 16 ↖	10 15 ↖	10 15 ↖	10 15 ↖	10 15 ↖	10 15 ↖	9 14 ↖	8 13 ↖	8 12 ↖	7 12 ↖	7 12 ↖	7 12 ↖	7 12 ↖	7 13 ↖	8 13 ↖	8 14 ↖	8 14 ↖	9 15 ↖	9 15 ↖	10 15 ↖	10 15 ↖	10 14 ↖	9 13 ↖	9 13 ↖
Houston Pilots B - 11/12	10 15 ↖	9 15 ↖	9 15 ↖	9 15 ↖	9 15 ↖	8 15 ↖	8 14 ↖	8 13 ↖	7 12 ↖	7 12 ↖	7 12 ↖	7 12 ↖	7 12 ↖	7 13 ↖	8 13 ↖	8 14 ↖	8 14 ↖	8 14 ↖	9 15 ↖	9 15 ↖	9 15 ↖	8 14 ↖	8 13 ↖	8 13 ↖
Houston Pilots A - 1 & 2 Bravo	12 17 ↖	12 17 ↖	12 17 ↖	12 16 ↖	12 16 ↖	10 16 ↖	10 15 ↖	10 15 ↖	9 14 ↖	8 14 ↖	8 13 ↖	8 13 ↖	8 13 ↖	8 13 ↖	7 13 ↖	8 13 ↖	8 13 ↖	8 14 ↖	8 14 ↖	9 15 ↖	10 16 ↖	10 15 ↖	10 15 ↖	10 15 ↖

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Houston Pilots: SUN. 9/22/2024



Forecast Discussion

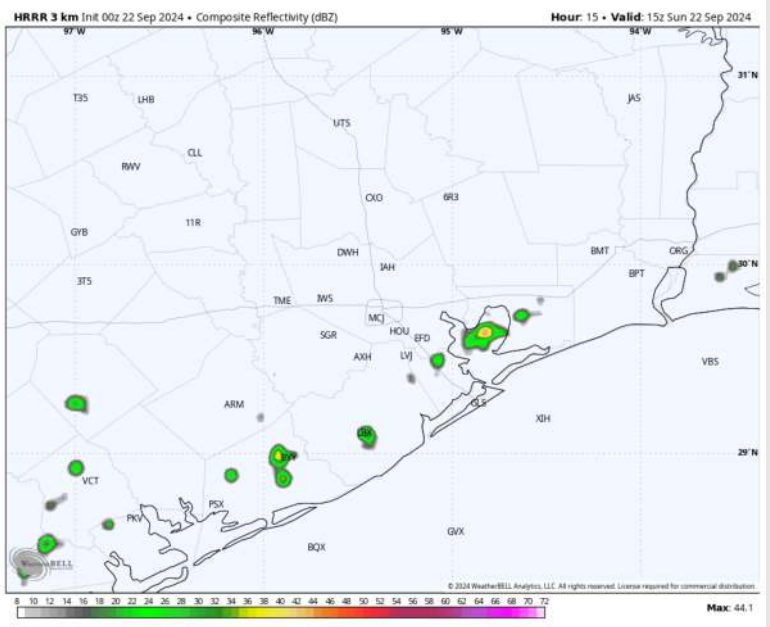
Precip: Favoring mostly dry conditions outside of a stray light shower from 10 AM through 5 PM today

Wind: Winds will be out of the SE throughout the day. **N of Morgan's Point:** Winds at 4 - 9 kts throughout the day. **S of Morgan's Point:** Winds will be 8-13 kts for the majority of the day outside of a brief calming to 4-9 kts from 1-5 PM.

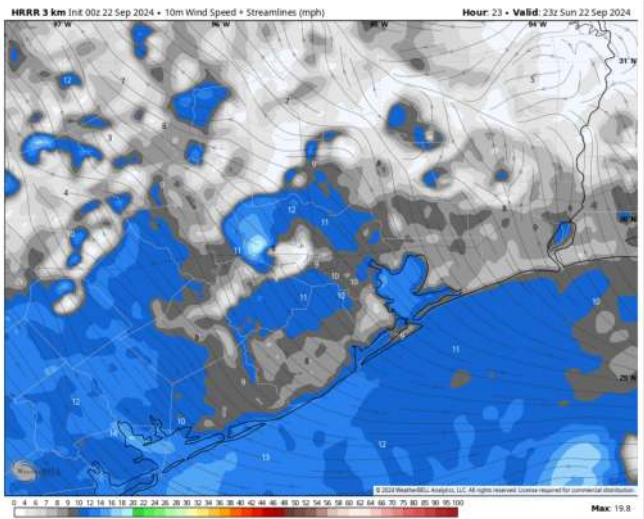
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Mid to upper 80s F.

Visibility: Isolated fog possible for Stations N of Morgan's Point, however coverage favored to remain N of all stations. Visibilities will also not reach below 3 miles.

Precip Image: 10 AM CT

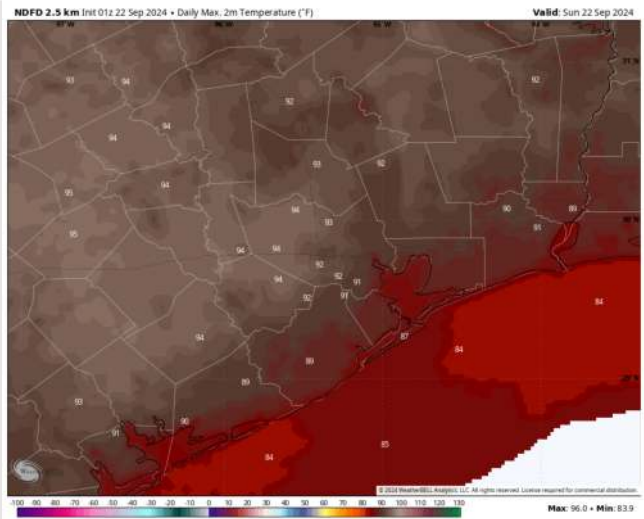


Wind Speed 6 PM CT



Wind Speed
6 PM CT

High Temps Today



High Temps
Today

Houston Pilots: MON. 9/23/2024



Forecast Discussion

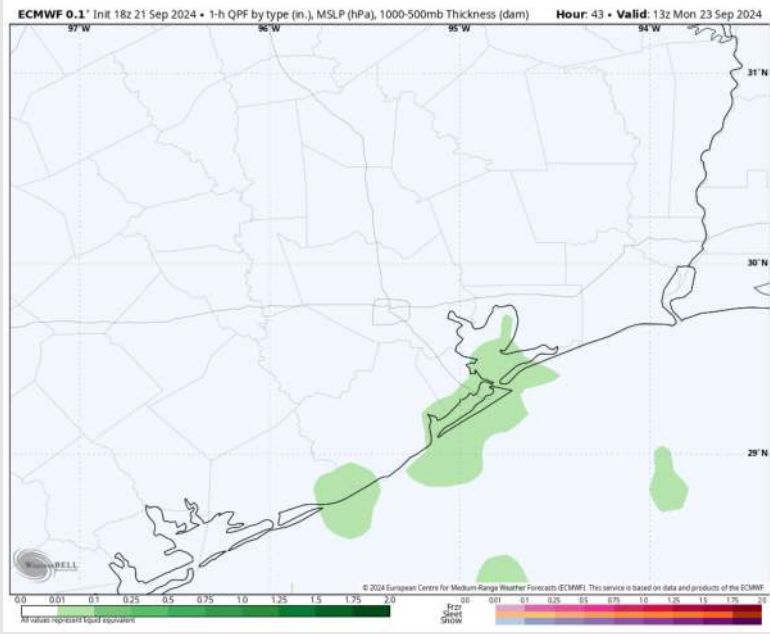
Precip: Favoring mostly dry conditions outside of isolated showers from 10 AM to 5 PM MON.

Wind: Winds will be out of the S/SE through the day. **N of Morgan's Point:** Winds will be at 3-8 kts throughout all of Monday. **S of Morgan's Point:** Winds will be at 6-11 kts through 11 AM before calming to 4-9 kts the rest of the day

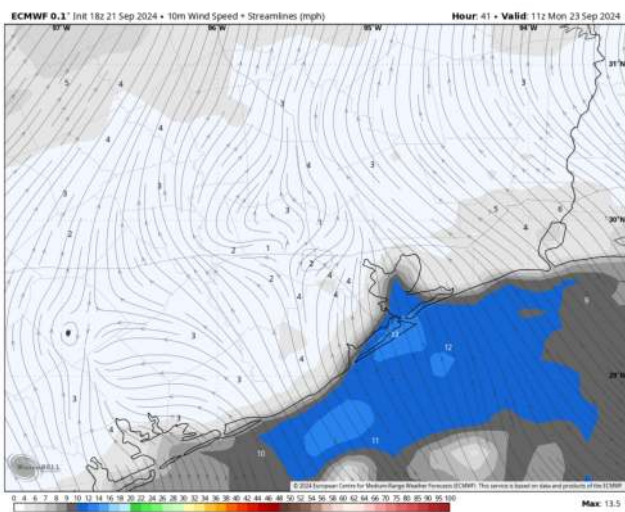
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Mid/Upper 80s F.

Visibility: Not favoring any fog for Monday

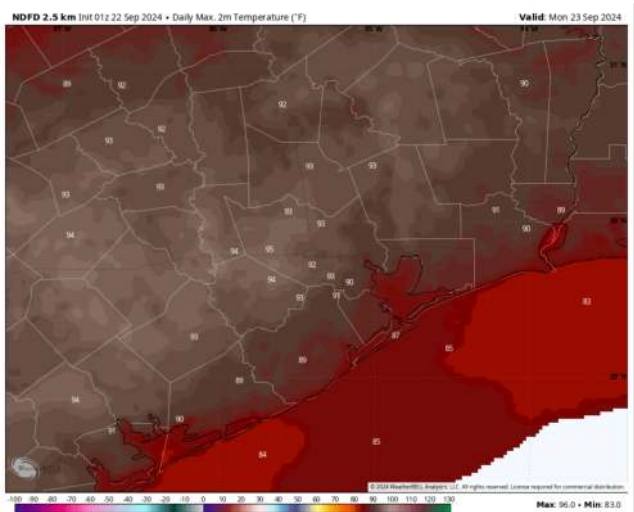
Precip Image: 8 AM CT



Wind Speed:
6 AM CT



High Temps
Monday



Houston Pilots: TUE. 9/24/2024



Forecast Discussion

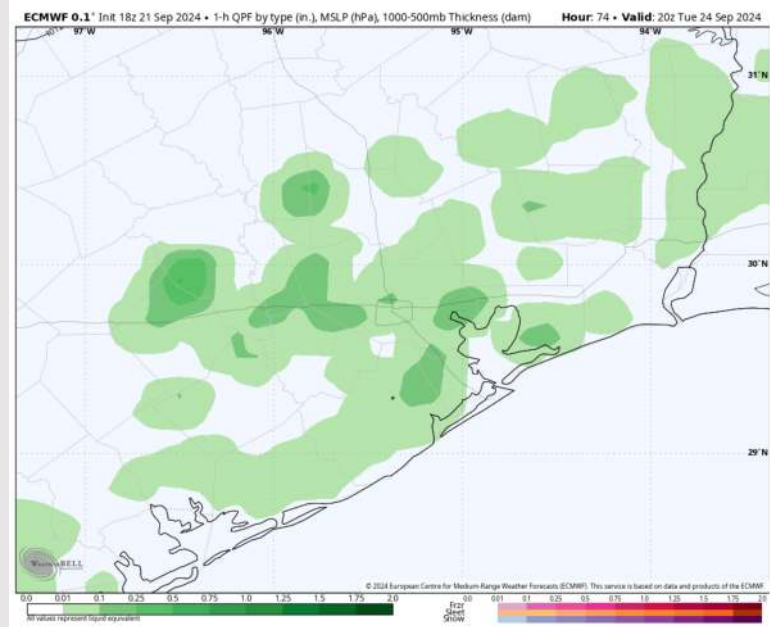
Precip: Scattered (30-40%) light showers in play for all Stations between 3 – 8 AM. A midday dry spell occurs before scattered to widespread (60-70%) showers and storms return between 3 – 7 PM. Storms will hold risks for lightning and wind gusts of 20-25 kts.

Wind: Winds will be variable through 5 PM, settling out of the SE after that time. **N of Morgan's Point:** Winds will be sustained at 3-8 kts throughout Tuesday. **S of Morgan's Point:** Winds will be sustained at 5-10 kts through Tuesday. Non-Thunderstorm wind gusts can reach 15-20 kts.

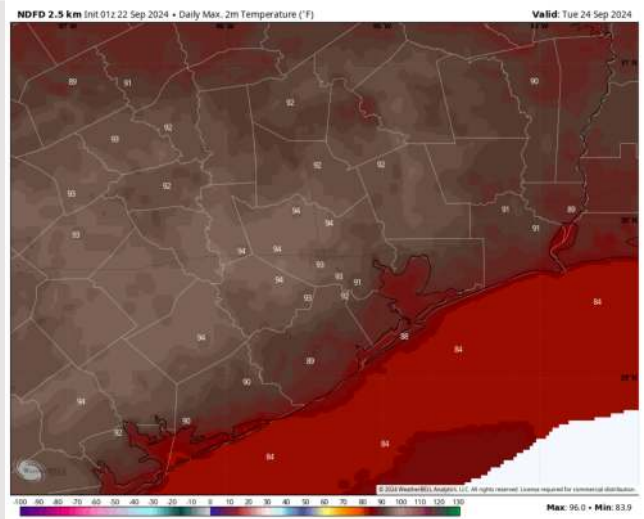
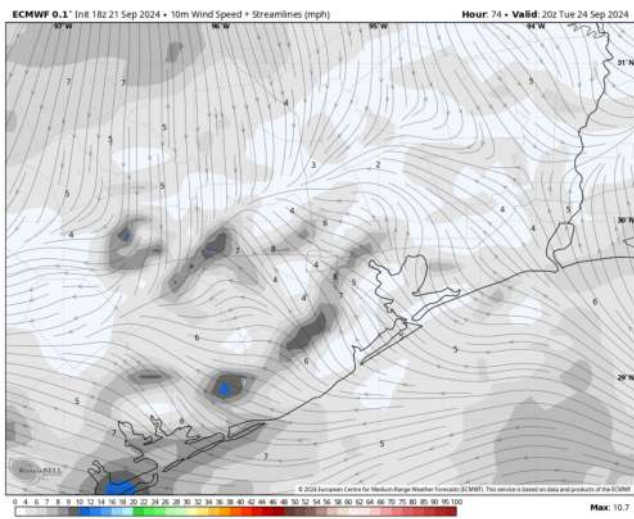
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Upper 80s F

Visibility: No fog concerns expected for Tuesday.

Precip Image: 3 PM CT



**Wind Speed:
3 PM CT**

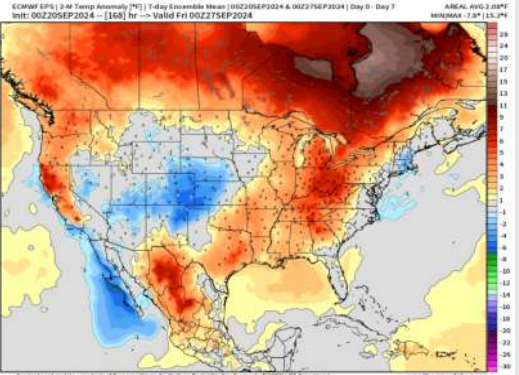


**High Temps
Tuesday**

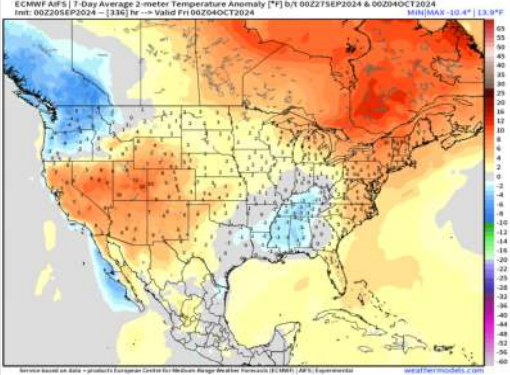
Houston Pilots: 9/22/24



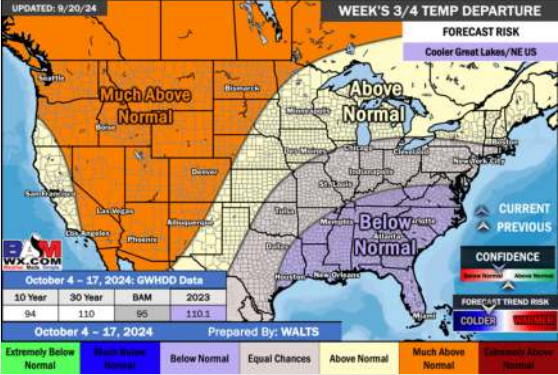
Next 7 Day Temperature Departure



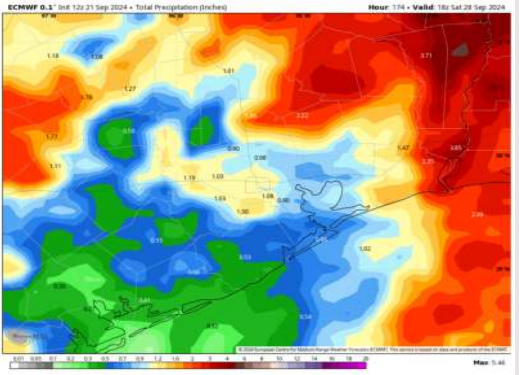
8-14 Day Temperature Departure



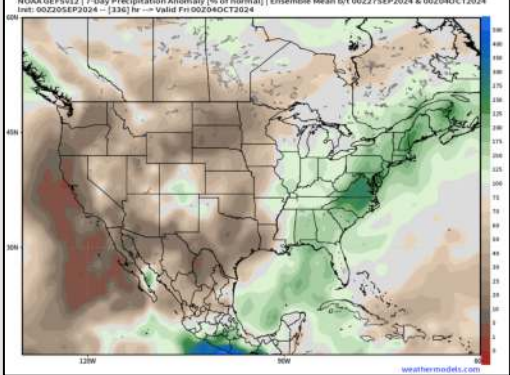
15-30 Day Temperature Departure



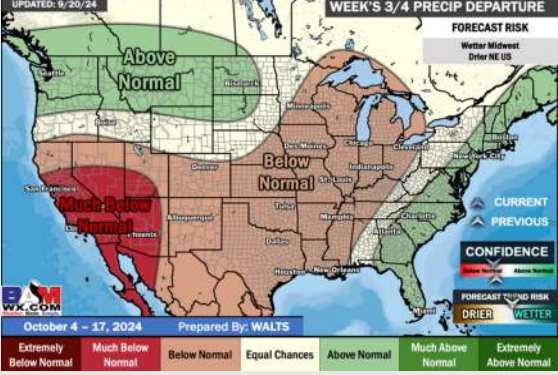
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be above normal for the week 1 timeframe. Favoring mostly dry conditions to start the week before an increase in chances late week 1
- Near normal temperatures are favored for week 2. Confidence is low on precip chances due to tropical storm chances.
- Below normal temperatures and much below normal precipitation chances are expected for the weeks ¾ timeframe.