

Houston Pilots Forecast Package



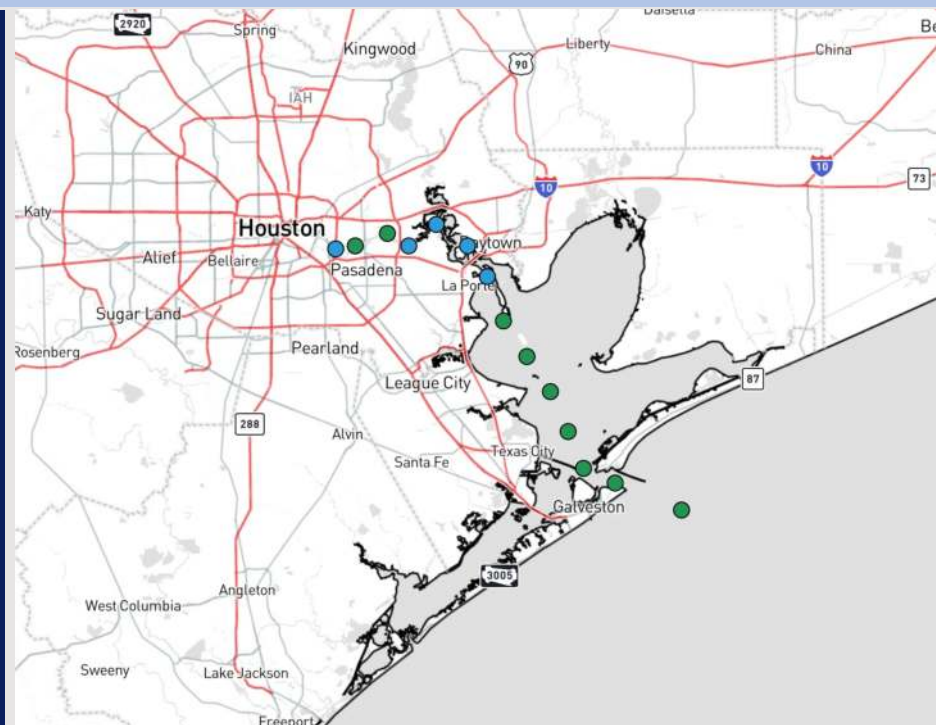
Updated: 11:25 PM CT

Sunday, October 13, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Dry conditions are favored through early next week.
- Gusts not favored to exceed 20kts for any stations over the next 72 hours.
- **Fog is possible for locations N of Morgan's Point this AM.**



Current Radar: 11:20 PM CT



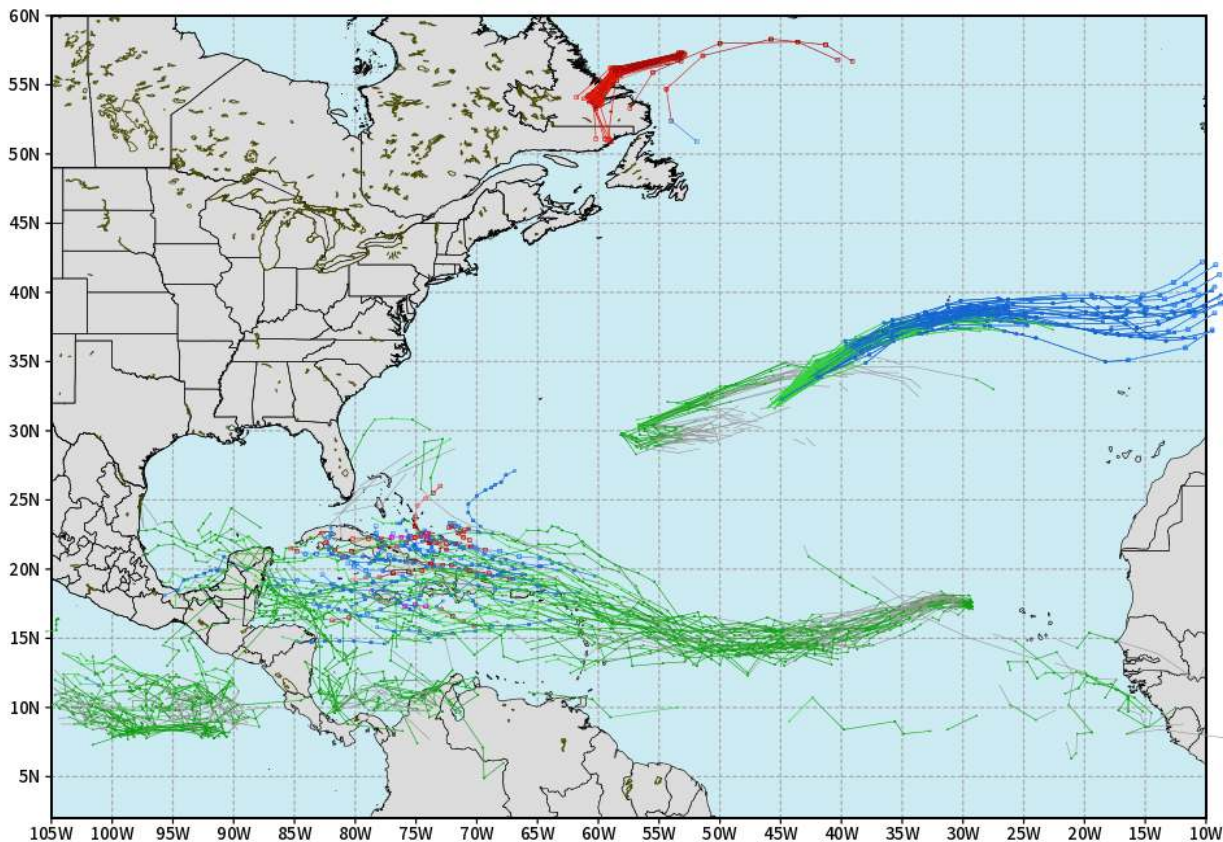
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z12OCT2024 --> UNTIL 12Z22OCT2024

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



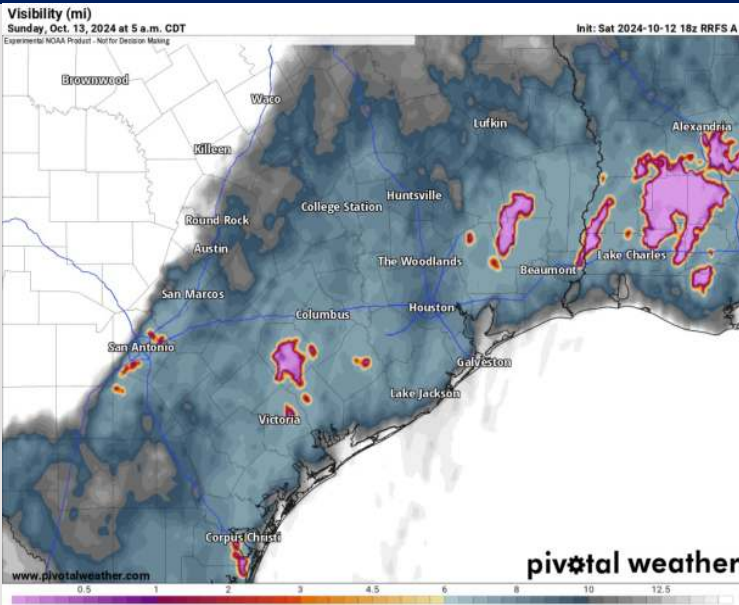
weathermodels.com

There is a low-end threat in the Caribbean for additional development towards the end of next week, but no **DIRECT** threats for Houston favored in next 7-10 days.

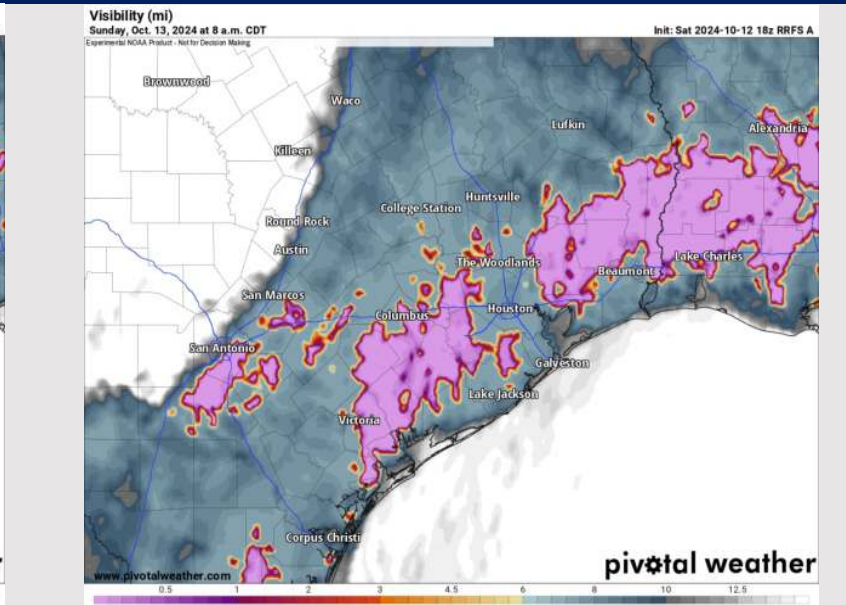
Houston Pilots Visibility Report



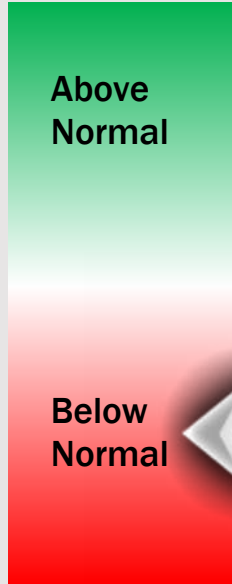
5 AM CDT SUN VISIBILITY



8 AM CDT SUN VISIBILITY



Confidence



- Watching for a patchy fog risk Sunday morning between 4 AM – 8 AM. Best timeframe likely between 6 - 8 AM
- Visibility within this timeframe could drop to 2 – 4 miles. Cannot rule out a few scattered instances of visibility dropping to 2 miles.
- Favoring this to be a risk ONLY for stations N of Morgan’s Point.

TIMEFRAME DISCUSSED	THREAT
4 AM – 8 AM SUN	Low

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Sat 9 pm	Sat 10 pm	Sat 11 pm	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
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



Sustained wind 10 Knots
Gusts 15 Knots
Wind from the SE

Example

10
15
↖

Wind	Sat 9 pm	Sat 10 pm	Sat 11 pm	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
Houston Pilots N - 610 Bridge	8 16 ↑	8 15 ↑	8 15 ↑	7 15 ↑	7 15 ↑	6 14 ↑	6 13 ↑	6 13 ↑	6 12 ↑	5 10 ↑	5 10 ↑	3 9 ↑	5 9 ↑	6 10 ↑	6 12 ↑	6 13 ↑	6 13 ↑	6 13 ↑	6 13 ↑	7 14 ↑	7 14 ↑	8 15 ↑	8 15 ↑	8 15 ↑
Houston Pilots M - Kinder 1	8 15 ↑	8 15 ↑	8 15 ↑	7 15 ↑	7 15 ↑	6 14 ↑	6 13 ↑	6 13 ↑	6 12 ↑	5 10 ↑	5 9 ↑	3 9 ↑	5 9 ↑	5 10 ↑	6 12 ↑	6 13 ↑	6 13 ↑	6 13 ↑	7 13 ↑	7 14 ↑	7 14 ↑	8 15 ↑	8 15 ↑	8 16 ↑
Houston Pilots L - Greens Bayou	8 15 ↑	8 15 ↑	7 15 ↑	7 15 ↑	6 14 ↑	6 14 ↑	6 13 ↑	6 13 ↑	6 12 ↑	5 10 ↑	3 9 ↑	3 9 ↑	5 9 ↑	5 10 ↑	6 12 ↑	6 13 ↑	6 13 ↑	6 13 ↑	7 13 ↑	7 14 ↑	7 15 ↑	8 15 ↑	8 15 ↑	8 16 ↑
Houston Pilots K - Shell Crude	8 15 ↑	8 15 ↑	7 15 ↑	7 15 ↑	6 14 ↑	6 14 ↑	6 13 ↑	6 12 ↑	6 12 ↑	5 10 ↑	3 9 ↑	3 9 ↑	5 9 ↑	5 10 ↑	6 12 ↑	6 13 ↑	6 13 ↑	6 13 ↑	7 13 ↑	7 14 ↑	8 15 ↑	8 16 ↑	8 16 ↑	8 16 ↑
Houston Pilots J - Lynchburg Ferries	8 15 ↑	7 15 ↑	7 15 ↑	6 15 ↑	6 14 ↑	6 13 ↑	6 13 ↑	5 12 ↑	5 12 ↑	3 10 ↑	3 9 ↑	3 8 ↑	3 9 ↑	5 10 ↑	6 12 ↑	6 13 ↑	6 13 ↑	6 13 ↑	7 13 ↑	7 14 ↑	8 15 ↑	8 16 ↑	8 16 ↑	8 16 ↑
Houston Pilots I - Exxon 3	12 16 ↑	12 16 ↑	12 16 ↑	12 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	9 14 ↑	9 14 ↑	8 13 ↑	8 12 ↑	7 10 ↑	7 12 ↑	7 12 ↑	8 13 ↑	8 13 ↑	8 14 ↑	8 14 ↑	9 15 ↑	10 16 ↑	10 17 ↑	12 18 ↑	13 19 ↑	13 19 ↑
Houston Pilots H - Morgans Point	12 16 ↑	12 16 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	9 15 ↑	9 14 ↑	8 14 ↑	8 13 ↑	7 12 ↑	7 10 ↑	7 10 ↑	7 12 ↑	7 13 ↑	7 13 ↑	8 14 ↑	8 14 ↑	9 15 ↑	10 16 ↑	10 17 ↑	12 18 ↑	13 19 ↑	13 20 ↑
Houston Pilots G - 75/76	13 17 ↑	13 17 ↑	13 17 ↑	13 16 ↑	12 16 ↑	12 16 ↑	12 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	9 14 ↑	8 13 ↑	8 13 ↑	8 13 ↑	8 14 ↑	8 14 ↑	8 14 ↑	8 14 ↑	9 15 ↑	10 17 ↑	12 18 ↑	13 19 ↑	14 21 ↑	15 21 ↑
Houston Pilots F - 63/64	12 16 ↑	12 16 ↑	12 16 ↑	12 16 ↑	12 16 ↑	12 16 ↑	12 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	9 14 ↑	8 13 ↑	8 13 ↑	8 13 ↑	8 14 ↑	7 13 ↑	7 13 ↑	8 14 ↑	8 14 ↑	10 16 ↑	12 17 ↑	13 18 ↑	14 21 ↑	15 21 ↑
Houston Pilots E - 51/52	10 15 ↑	12 16 ↑	12 16 ↑	12 16 ↑	12 16 ↑	12 16 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	9 14 ↑	9 14 ↑	8 13 ↑	8 13 ↑	8 14 ↑	8 14 ↑	8 14 ↑	8 14 ↑	8 15 ↑	10 17 ↑	12 18 ↑	13 20 ↑	14 21 ↑	14 21 ↑
Houston Pilots D - 37/38	10 15 ↑	10 15 ↑	12 16 ↑	12 16 ↑	12 16 ↑	12 16 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	9 14 ↑	9 14 ↑	8 13 ↑	8 13 ↑	8 14 ↑	8 14 ↑	8 14 ↑	8 14 ↑	9 15 ↑	10 17 ↑	12 18 ↑	13 20 ↑	13 20 ↑	14 20 ↑
Houston Pilots C - 25/26	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	10 15 ↑	9 14 ↑	9 14 ↑	8 13 ↑	8 14 ↑	8 14 ↑	8 14 ↑	8 14 ↑	9 15 ↑	10 17 ↑	12 18 ↑	13 20 ↑	13 20 ↑	13 20 ↑
Houston Pilots B - 11/12	8 15 ↑	8 15 ↑	9 15 ↑	9 15 ↑	9 15 ↑	9 15 ↑	9 15 ↑	9 15 ↑	9 15 ↑	9 15 ↑	9 15 ↑	8 15 ↑	8 15 ↑	8 15 ↑	8 15 ↑	8 14 ↑	8 14 ↑	8 14 ↑	9 15 ↑	10 17 ↑	12 18 ↑	12 18 ↑	12 18 ↑	12 18 ↑
Houston Pilots A - 1 & 2 Bravo	9 15 ↑	10 15 ↑	10 15 ↑	10 16 ↑	12 16 ↑	12 16 ↑	12 16 ↑	12 17 ↑	13 17 ↑	12 17 ↑	12 16 ↑	10 16 ↑	10 16 ↑	10 15 ↑	10 15 ↑	10 16 ↑	10 16 ↑	9 15 ↑	9 15 ↑	10 16 ↑	10 17 ↑	12 17 ↑	13 18 ↑	13 18 ↑

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Houston Pilots: SUN. 10/13/2024



Forecast Discussion

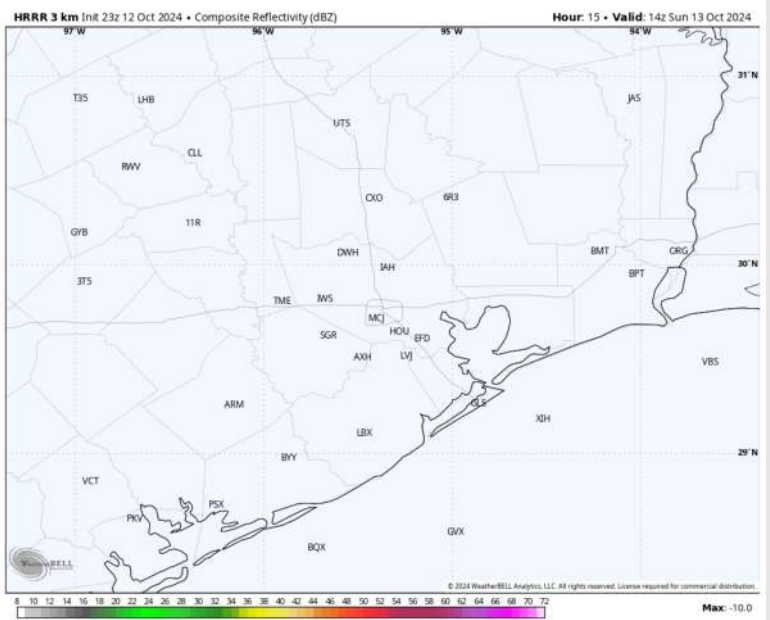
Precip: Favoring dry conditions for today.

Wind: Winds will out of the S/SW throughout the day. **N of Morgan's Point:** Winds will be at 4 – 9 kts throughout the day. **S of Morgan's Point:** Winds will be at 8 - 13 kts through 7 PM before increasing to 11 – 16 kts.

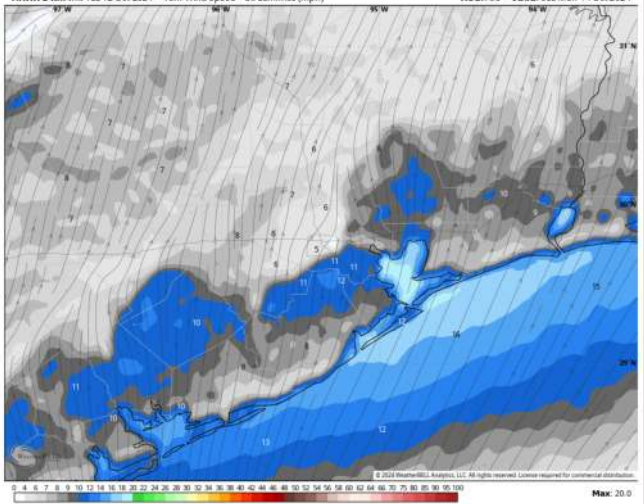
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Mid 80s F.

Visibility: Patchy fog will be possible N of Morgan's Point this AM. More details in above visibility slide!

Precip Image: 9 AM CT

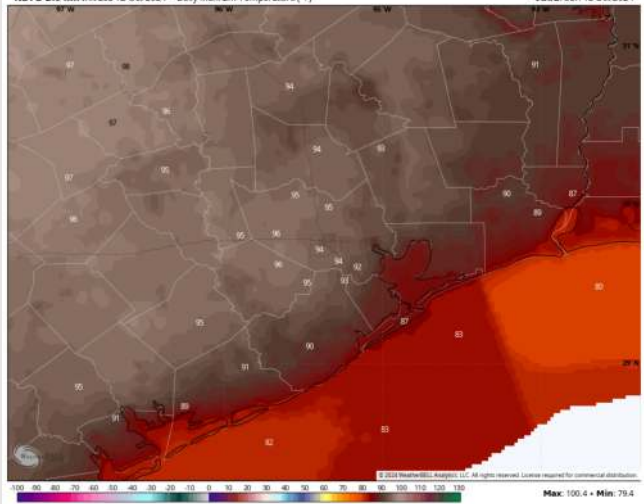


HRRR 3 km Init 18z 12 Oct 2024 • 10m Wind Speed + Streamlines (mph) Hour: 30 • Valid: 00z Mon 14 Oct 2024



Wind Speed
7 PM CT

NDFD 2.5 km Init 23z 12 Oct 2024 • Daily Max, 2m Temperature (°F) Valid: Sun 13 Oct 2024



High Temps
Today

Houston Pilots: MON. 10/14/2024



Forecast Discussion

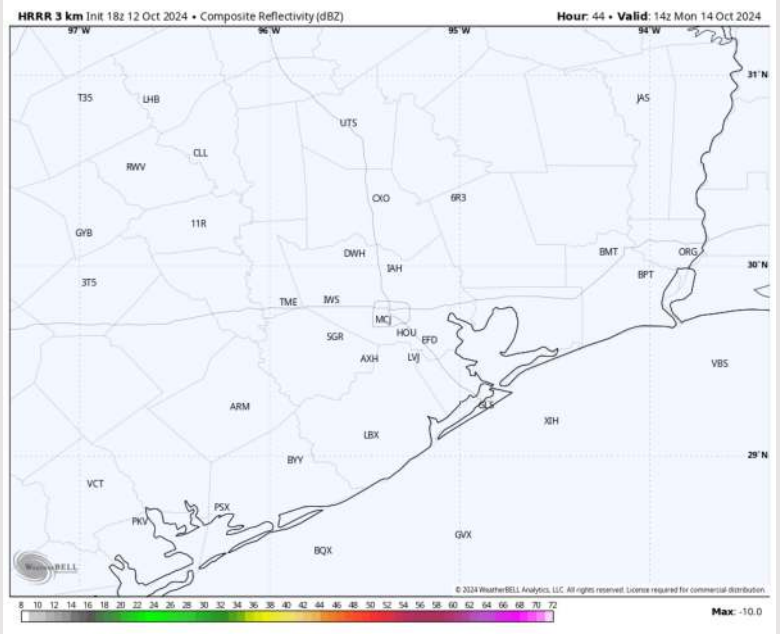
Precip: Favoring dry conditions for the day on Monday.

Wind: Winds will be generally out of the SW/W throughout the day. **N of Morgan's Point:** Winds will be at 3 – 8 kts throughout Monday. **S of Morgan's Point:** Winds will be 11 – 16 kts through 10AM when winds will decrease to 4 – 9 kts through 4PM. After 4PM winds will return to the 11 - 16 kts for the rest of the day.

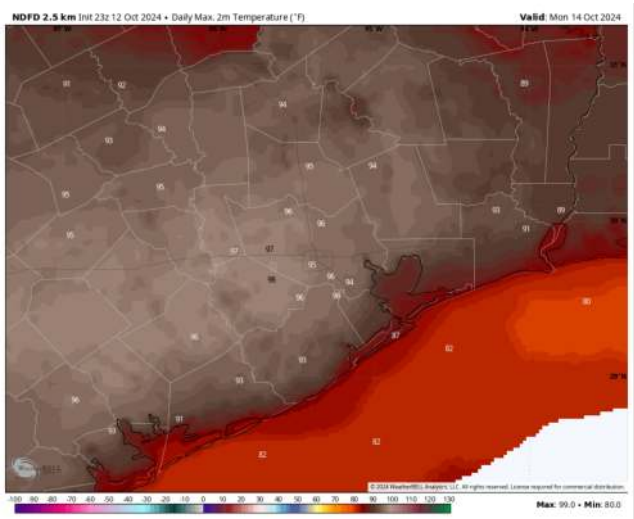
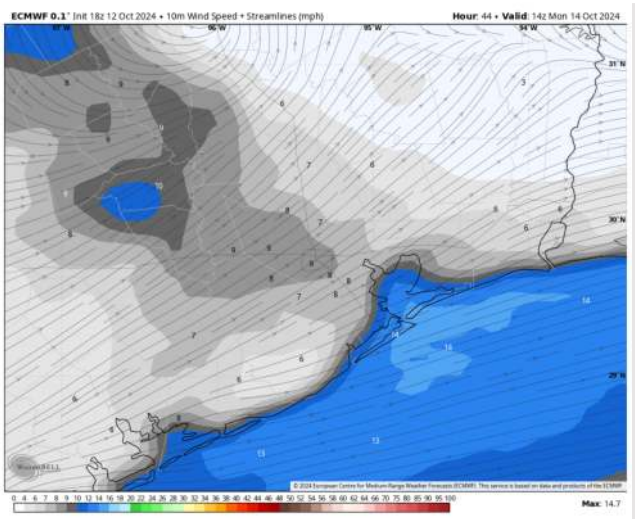
High Temps: **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Mid 80s F.

Visibility: Not favoring any fog concerns for Monday.

Precip Image: 9 AM CT



Wind Speed:
9 AM CT



High Temps
Monday

Houston Pilots: TUE. 10/15/2024



Forecast Discussion

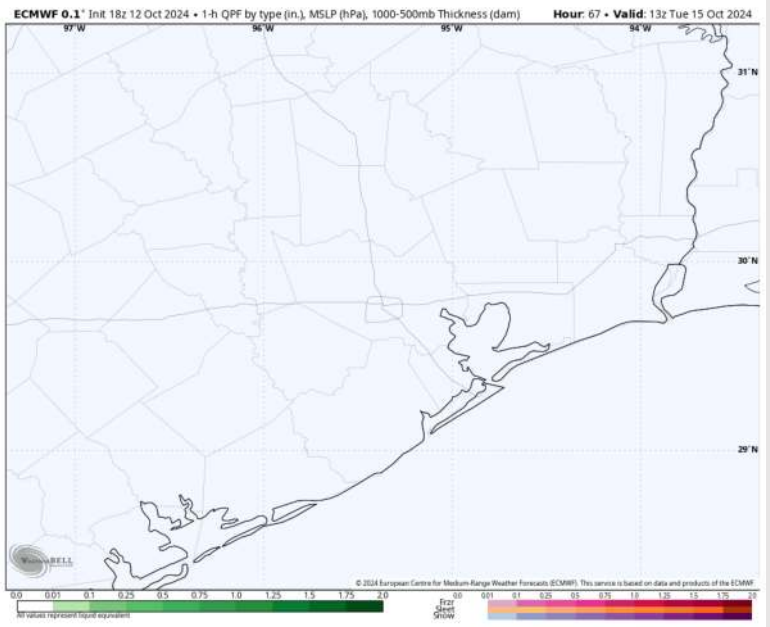
Precip: Favoring dry conditions favored for Tuesday.

Wind: Winds will be out of the W/SW throughout Tuesday. **N of Morgan's Point:** Winds will be sustained at 3 - 7 kts for the entire day. **S of Morgan's Point:** Winds will be at 8 - 13 kts through Tuesday.

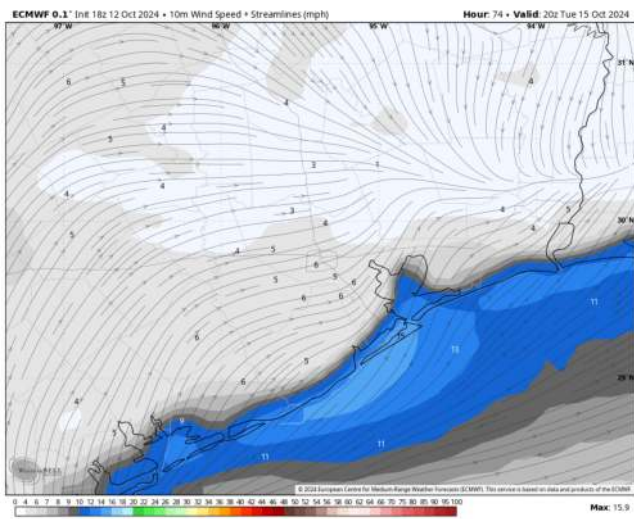
High Temps: **N of Morgan's Point:** Low 90 F. **S of Morgan's Point:** Mid 80s F

Visibility: Not favoring any fog concerns for Tuesday.

Precip Image: 8 AM CT

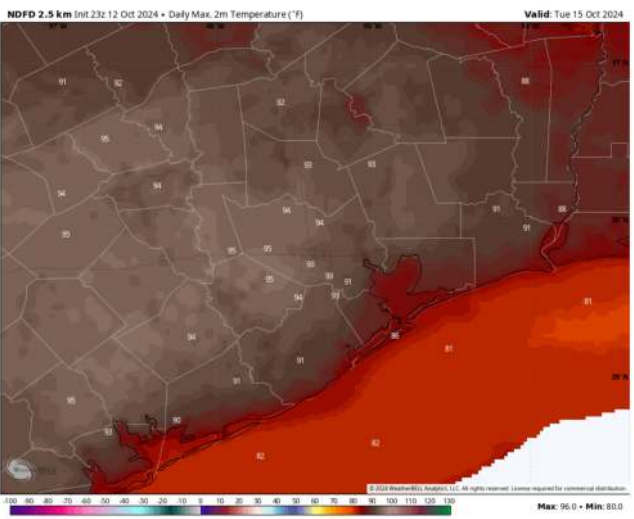


Wind Speed: 3 PM CT



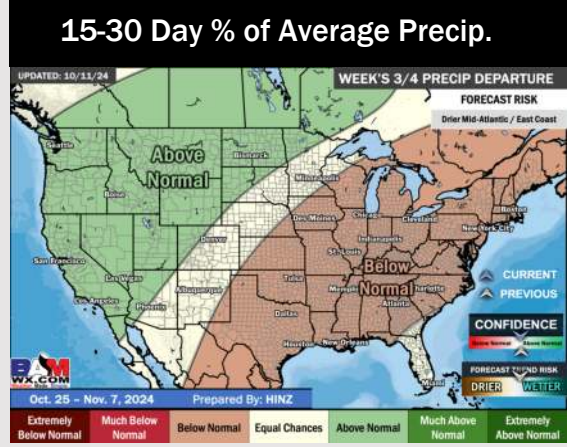
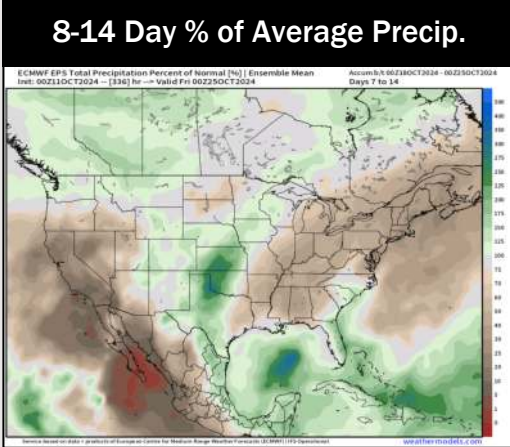
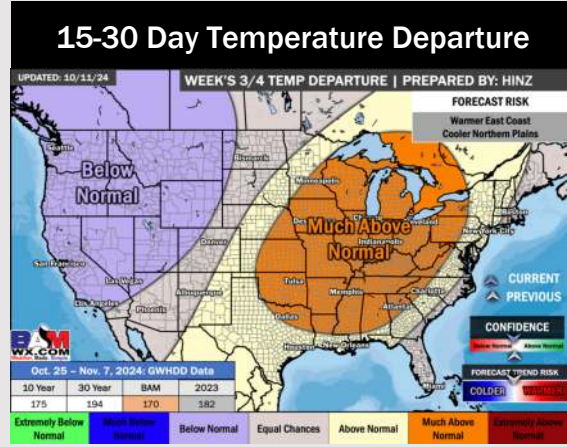
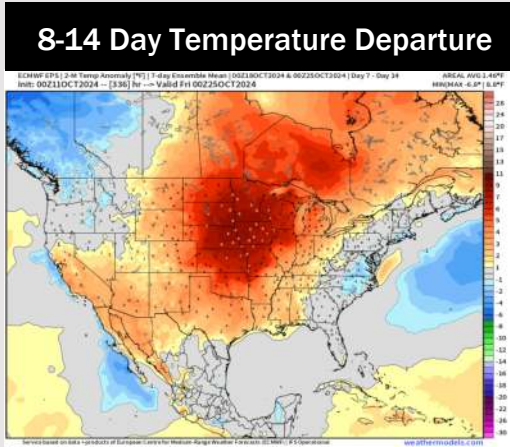
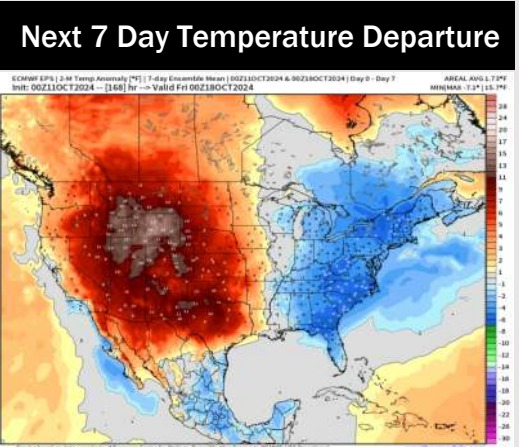
Wind Speed:
3 PM CT

High Temps Tuesday



High Temps
Tuesday

Houston Pilots: 10/13/24



- Temps are expected to be near to slightly above normal for the week 1 timeframe. Favoring mostly dry conditions through the week 1 timeframe.
- Above normal temperatures are favored for week 2. Favoring precipitation to be below normal.
- Above normal temperatures and below normal precipitation chances are expected for the weeks 3/4 timeframe.