

Houston Pilots Forecast Package



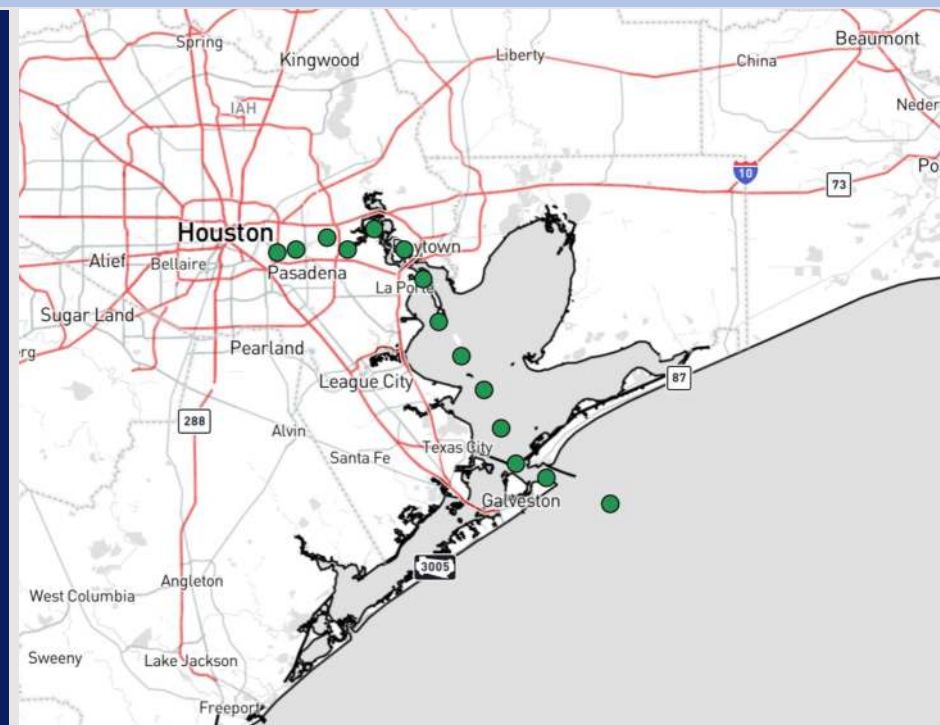
Updated: 1:20 PM CT

Wednesday, October 23, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- **Patchy Fog Risks for Stations N. of Morgan's Point the next couple days. See visibility slide below for thoughts on THU AM specifically!**
- **Winds are expected to be equal to or less than 10kts for the next 72 hours.**
- **No tropical concerns for at least the next 7 days!**



Current Radar: 12:50 PM CT



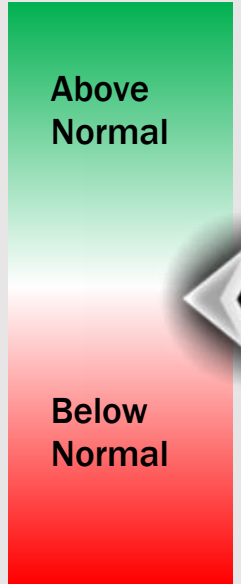
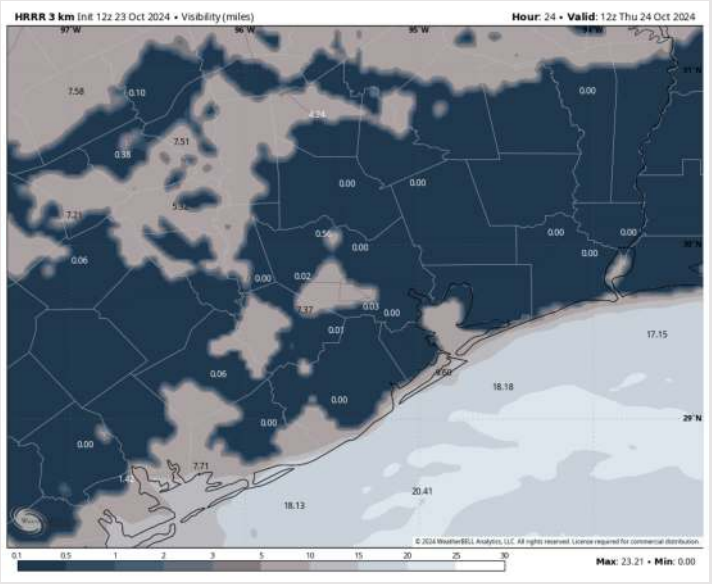
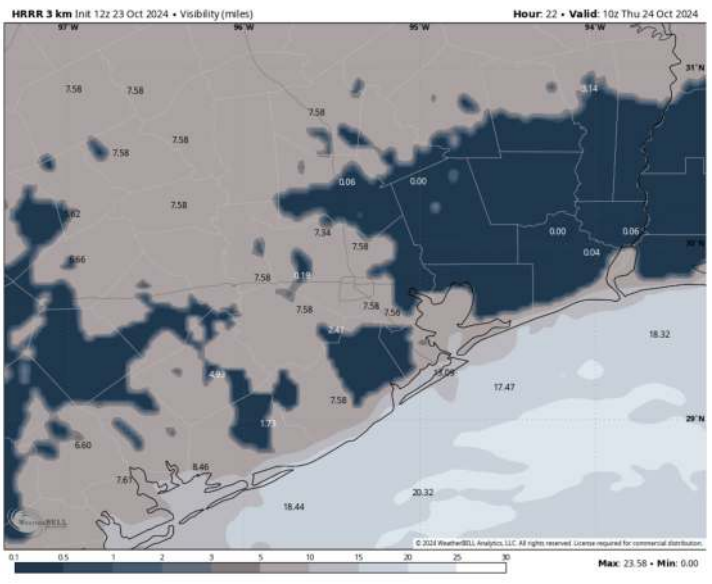
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Visibility Report



5 AM CDT THU VISIBILITY 7 AM CDT THU VISIBILITY

Confidence



- With a similar set up as this morning– THU AM offers up another round of patchy fog between 3 – 10 AM with the greatest threat occurring between 5 – 8 AM.
- Visibility is favored to decrease to 2 – 4 miles and at times can drop to 1 mile or less.
- Favoring this to be a risk primarily for **Station 610 Bridge through Morgan’s Point.**
- Confidence for this patchy development is increased due to how fog has verified the past couple of days. Lower confidence remains for how dense these pockets of fog can become.

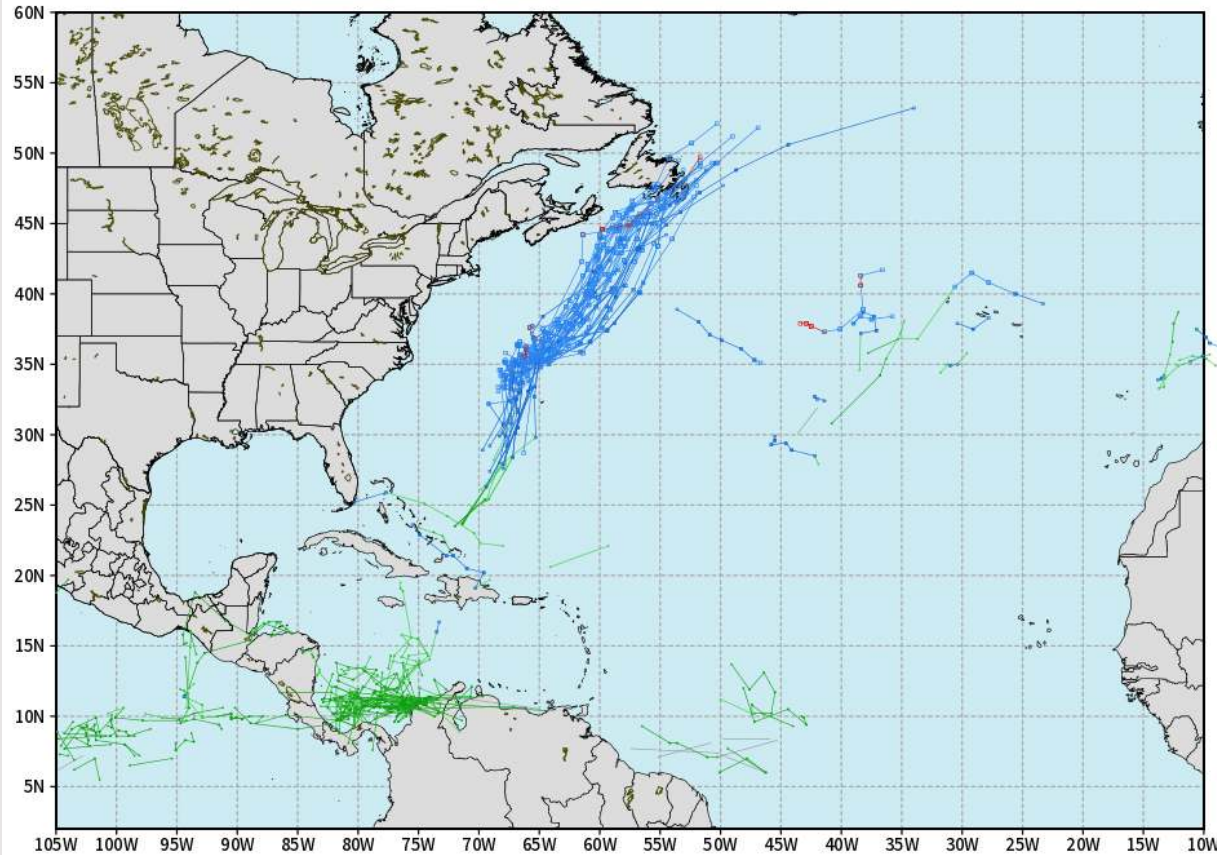
TIMEFRAME DISCUSSED	THREAT
3 AM – 10 AM THU	Low-Med

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z23OCT2024 --> UNTIL 00Z02NOV2024

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

Remnants from Tropical Storm Oscar continue to track NE across the Atlantic without impacts.

While we continue to favor no threats for Houston over the next 7 days, we will need to monitor the Caribbean for an additional system towards end of month.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	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	Thu 12 am	Thu 1 am	Thu 2 am	Thu 3 am	Thu 4 am	Thu 5 am	Thu 6 am	Thu 7 am	Thu 8 am	Thu 9 am	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 pm
Houston Pilots N - 610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	5.9	5.9	4.9	10	10	10	10
Houston Pilots M - Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	5.9	5.9	4.9	10	10	10	10
Houston Pilots L - Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	5.9	5.9	4.9	10	10	10	10
Houston Pilots K - Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	5.9	5.9	4.9	10	10	10	10
Houston Pilots J - Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	6.9	5.9	5.9	4.9	10	10	10	10
Houston Pilots I - Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	6.9	5.9	5.9	4.9	10	10	10	10
Houston Pilots H - Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	6.9	6.9	6.9	4.9	10	10	10	10
Houston Pilots G - 75/76	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	6.9	6.9	5.9	7.9	10	10	10
Houston Pilots F - 63/64	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	6.9	6.9	5.9	7.9	10	10	10
Houston Pilots E - 51/52	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	6.9	6.9	5.9	9	10	10	10
Houston Pilots D - 37/38	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	6.9	6.9	5.9	9	10	10	10
Houston Pilots C - 25/26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	7.9	6.9	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	9	7.9	7.9	6.9	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	9	7.9	7.9	6.9	9	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	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	Thu 12 am	Thu 1 am	Thu 2 am	Thu 3 am	Thu 4 am	Thu 5 am	Thu 6 am	Thu 7 am	Thu 8 am	Thu 9 am	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 pm
Houston Pilots N - 610 Bridge	3 ←	3 ←	5 ←	6 ←	6 ←	7 ←	7 ←	6 ←	6 ←	5 ←	3 ←	3 ←	3 ←	2 ←	2 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	2 ←	3 ←	3 ←
Houston Pilots M - Kinder 1	3 ←	3 ←	5 ←	6 ←	6 ←	7 ←	7 ←	6 ←	6 ←	5 ←	3 ←	3 ←	3 ←	2 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	2 ←	3 ←	3 ←
Houston Pilots L - Greens Bayou	3 ←	5 ←	6 ←	6 ←	6 ←	7 ←	7 ←	6 ←	5 ←	3 ←	3 ←	3 ←	3 ←	2 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	2 ←	3 ←	3 ←
Houston Pilots K - Shell Crude	3 ←	5 ←	6 ←	6 ←	6 ←	7 ←	7 ←	6 ←	5 ←	3 ←	3 ←	3 ←	2 ←	2 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	2 ←	3 ←	3 ←
Houston Pilots J - Lynchburg Ferries	3 ←	3 ←	5 ←	6 ←	6 ←	6 ←	6 ←	6 ←	5 ←	3 ←	3 ←	2 ←	2 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	1 ←	3 ←	3 ←
Houston Pilots I - Exxon 3	6 ←	7 ←	8 ←	8 ←	9 ←	9 ←	9 ←	8 ←	8 ←	7 ←	6 ←	6 ←	6 ←	5 ←	3 ←	3 ←	3 ←	2 ←	2 ←	2 ←	3 ←	3 ←	3 ←	6 ←
Houston Pilots H - Morgans Point	6 ←	7 ←	8 ←	8 ←	9 ←	9 ←	9 ←	8 ←	8 ←	7 ←	6 ←	6 ←	6 ←	5 ←	3 ←	3 ←	3 ←	2 ←	2 ←	2 ←	3 ←	3 ←	3 ←	6 ←
Houston Pilots G - 75/76	10 ←	12 ←	13 ←	14 ←	14 ←	14 ←	14 ←	13 ←	12 ←	10 ←	10 ←	9 ←	9 ←	7 ←	7 ←	6 ←	5 ←	5 ←	3 ←	3 ←	3 ←	3 ←	5 ←	6 ←
Houston Pilots F - 63/64	6 ←	6 ←	8 ←	8 ←	8 ←	9 ←	8 ←	8 ←	8 ←	7 ←	6 ←	6 ←	6 ←	6 ←	5 ←	5 ←	3 ←	3 ←	3 ←	3 ←	3 ←	3 ←	5 ←	6 ←
Houston Pilots E - 51/52	10 ←	12 ←	12 ←	13 ←	13 ←	13 ←	13 ←	12 ←	10 ←	7 ←	6 ←	6 ←	6 ←	5 ←	3 ←	3 ←	3 ←	3 ←	3 ←	3 ←	3 ←	3 ←	5 ←	6 ←
Houston Pilots D - 37/38	6 ←	6 ←	7 ←	8 ←	8 ←	8 ←	8 ←	8 ←	7 ←	7 ←	6 ←	6 ←	6 ←	6 ←	5 ←	3 ←	3 ←	3 ←	3 ←	3 ←	3 ←	3 ←	5 ←	6 ←
Houston Pilots C - 25/26	6 ←	6 ←	7 ←	7 ←	8 ←	8 ←	8 ←	7 ←	7 ←	7 ←	6 ←	6 ←	6 ←	6 ←	5 ←	5 ←	3 ←	3 ←	3 ←	3 ←	3 ←	3 ←	5 ←	6 ←
Houston Pilots B - 11/12	10 ←	10 ←	12 ←	13 ←	12 ←	13 ←	12 ←	10 ←	10 ←	10 ←	9 ←	9 ←	8 ←	7 ←	7 ←	7 ←	6 ←	5 ←	5 ←	5 ←	5 ←	6 ←	7 ←	9 ←
Houston Pilots A - 1 & 2 Bravo	6 ←	6 ←	6 ←	7 ←	7 ←	7 ←	8 ←	7 ←	7 ←	7 ←	7 ←	7 ←	6 ←	6 ←	6 ←	6 ←	5 ←	3 ←	3 ←	3 ←	3 ←	5 ←	5 ←	6 ←

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Forecast Discussion

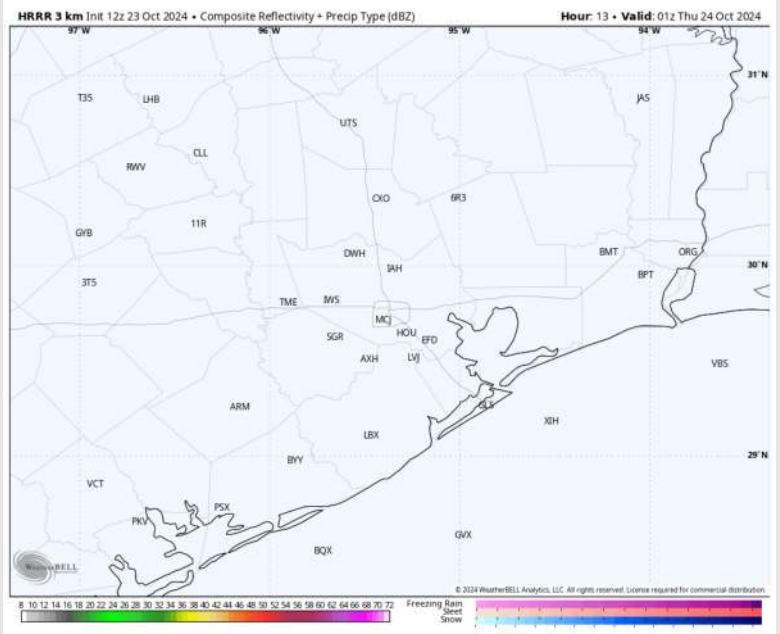
Precip: Favoring dry conditions for the rest of today.

Wind: Winds will be generally out of the SE throughout the PM. **N of Morgan's Point:** Winds will be at 2 – 7 kts throughout the PM. **S of Morgan's Point:** Winds will be at 5 – 10 kts throughout the day.

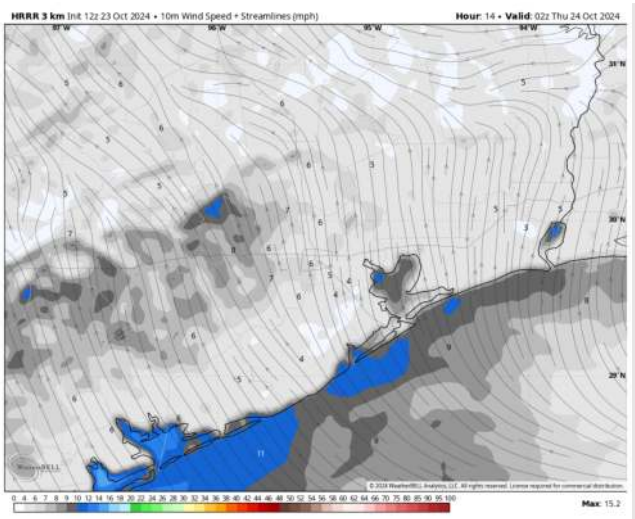
Low Temps: **N of Morgan's Point:** Lower 60s F. **S of Morgan's Point:** Low to Mid 70s F.

Visibility: Not anticipating any visibility concerns the rest of today. **However need to watch THU AM for a patchy risk.**

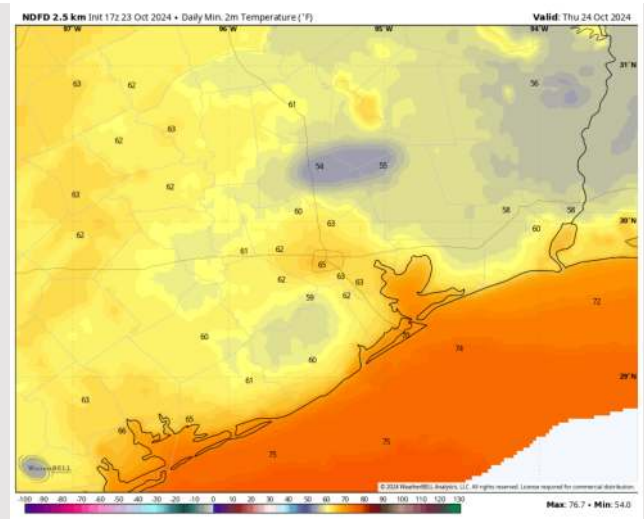
Precip Image: 8 PM CT



Wind Speed:
9 PM CT



Low Temps
THU AM



Houston Pilots: THU. 10/24/2024



Forecast Discussion

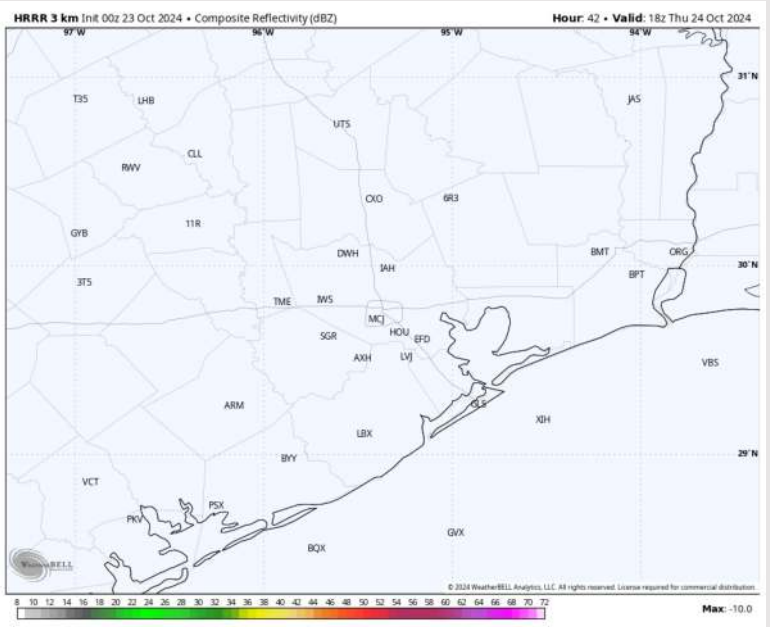
Precip: Favoring dry conditions for Thursday.

Wind: Winds will be variable through 3PM before transitioning fully out of the SE for the rest of the day. **N of Morgan's Point:** Winds will be at 3 – 6 kts for all of Thursday. **S of Morgan's Point:** Winds at 4 – 8 kts through 5PM increasing to 5 - 10kts for the remainder of Thursday evening.

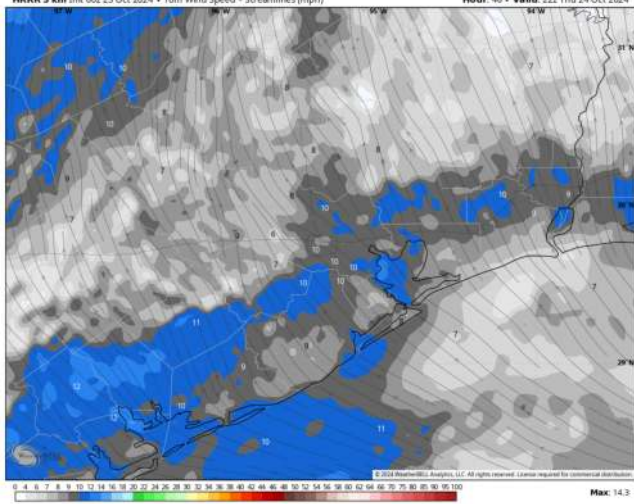
High Temps: **N of Morgan's Point:** Lower to mid 80s F. **S of Morgan's Point:** Upper 70s F.

Visibility: Patchy Fog will be possible for Stations N. of Morgan's Point THU AM. See slide 3 for more information.

Precip Image: 1 PM CT

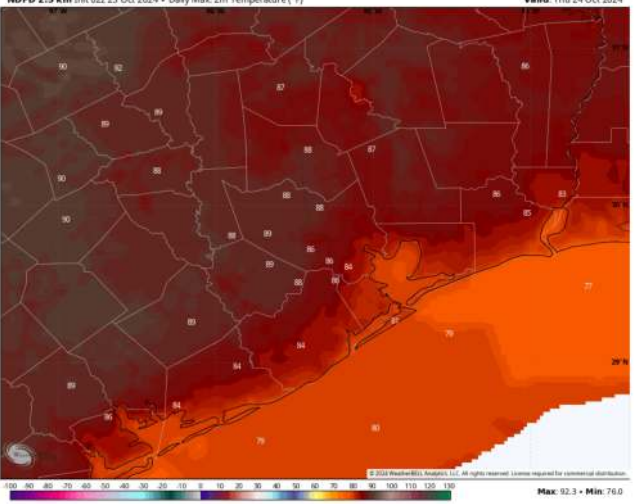


HRRR 3 km Init 00z 23 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 46 • Valid: 22z Thu 24 Oct 2024



Wind Speed:
5 PM CT

NDFD 2.5 km Init 02z 23 Oct 2024 • Daily Max, 2m Temperature (°F) Valid: Thu 24 Oct 2024



High Temps
Thursday

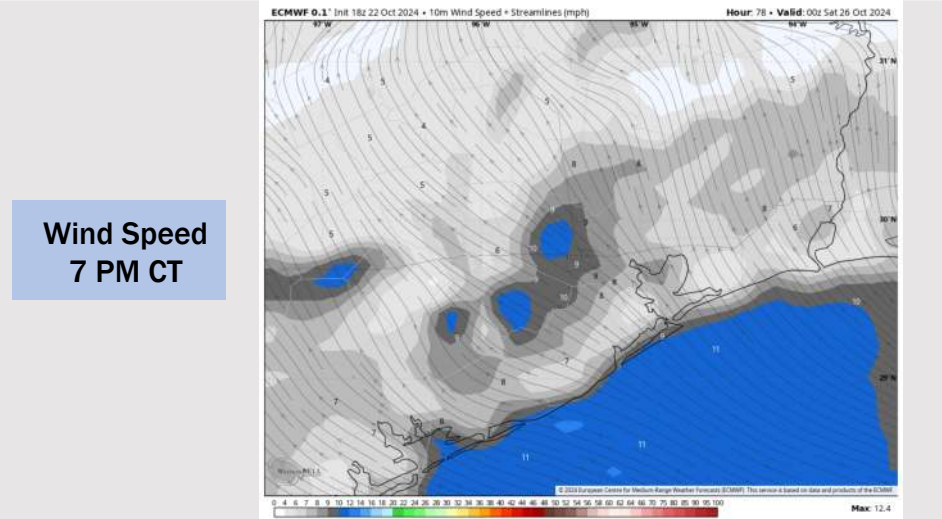
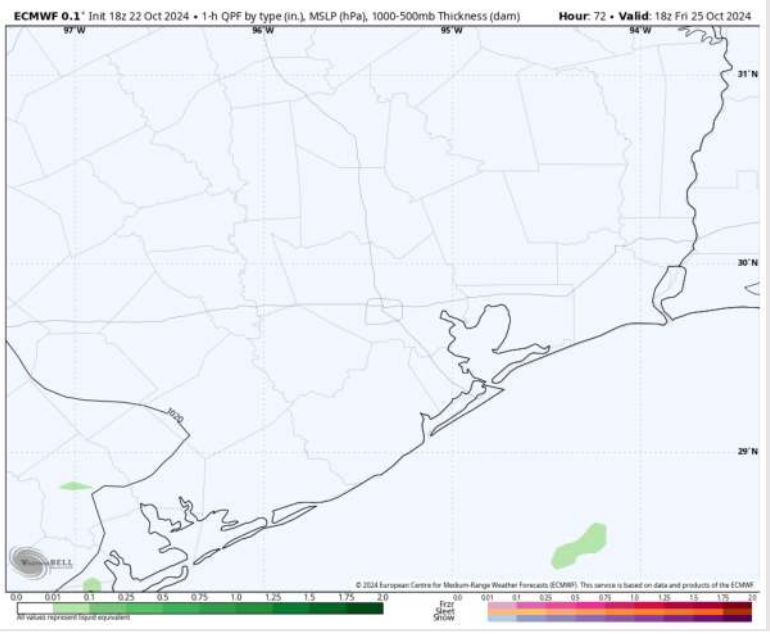
Houston Pilots: FRI. 10/25/2024



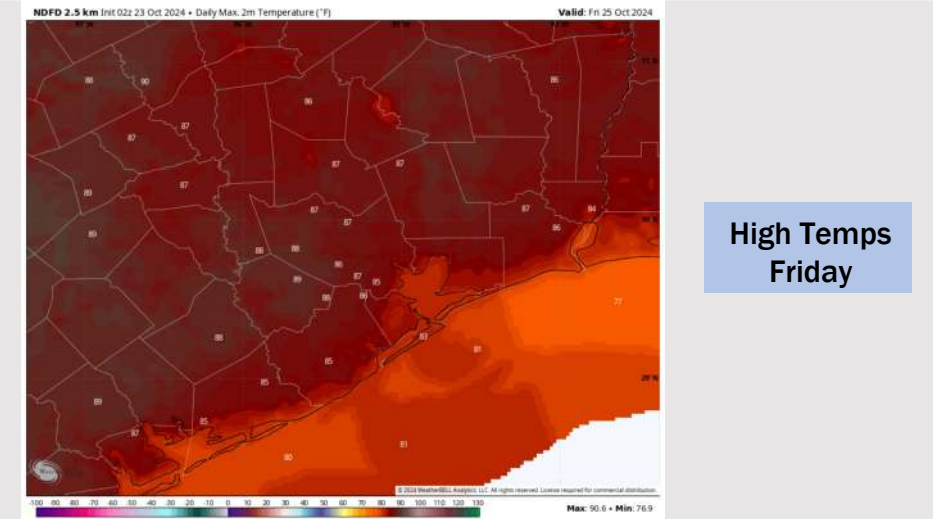
Forecast Discussion

- Precip:** Favoring dry conditions for Friday.
- Wind:** Winds will be generally be out of the SE for Friday. **N of Morgan's Point:** Winds will be at 4 – 7 kts. **S of Morgan's Point:** Winds will be at 6 - 9 kts for the entire day.
- High Temps:** **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Lower 80 F.
- Visibility:** Patchy fog development E of stations will be possible Friday AM, however not favoring this reduced visibility risk to impact stations.

Precip Image: 1 PM CT

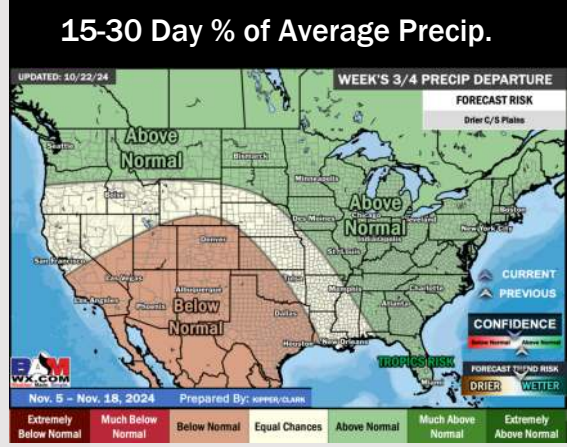
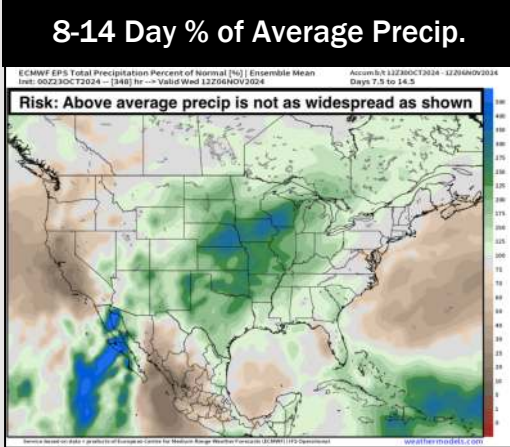
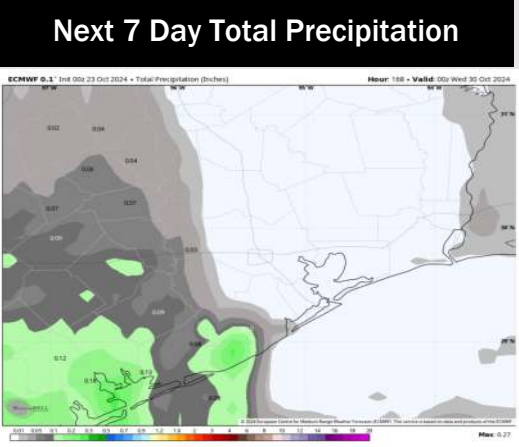
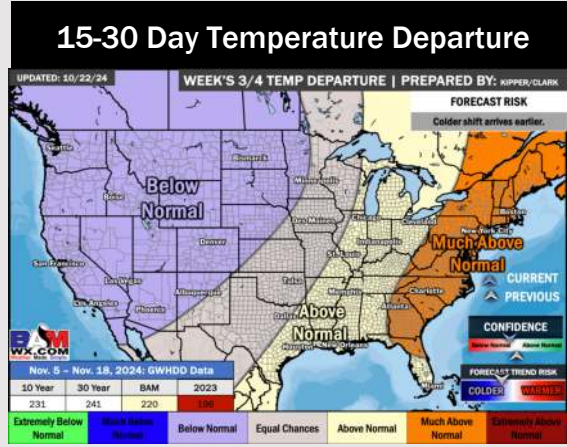
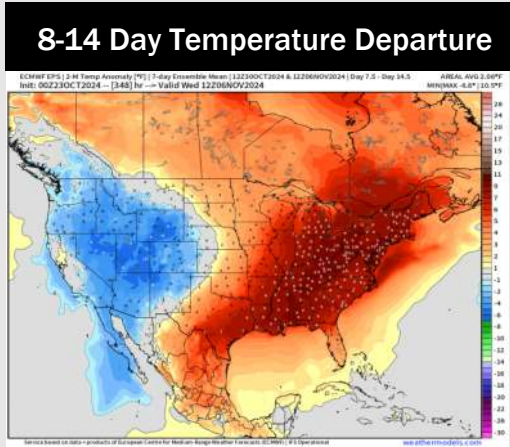
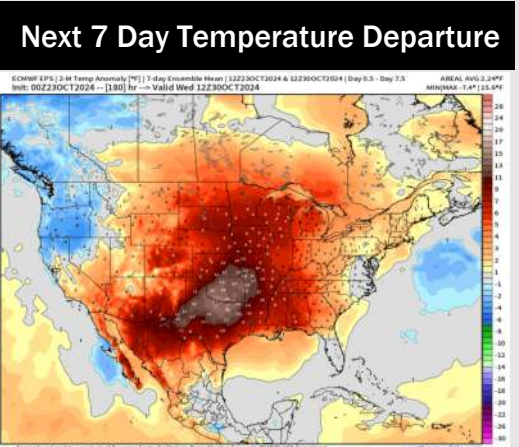


Wind Speed
7 PM CT



High Temps
Friday

Houston Pilots: 10/23/24



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