

Houston Pilots Forecast Package



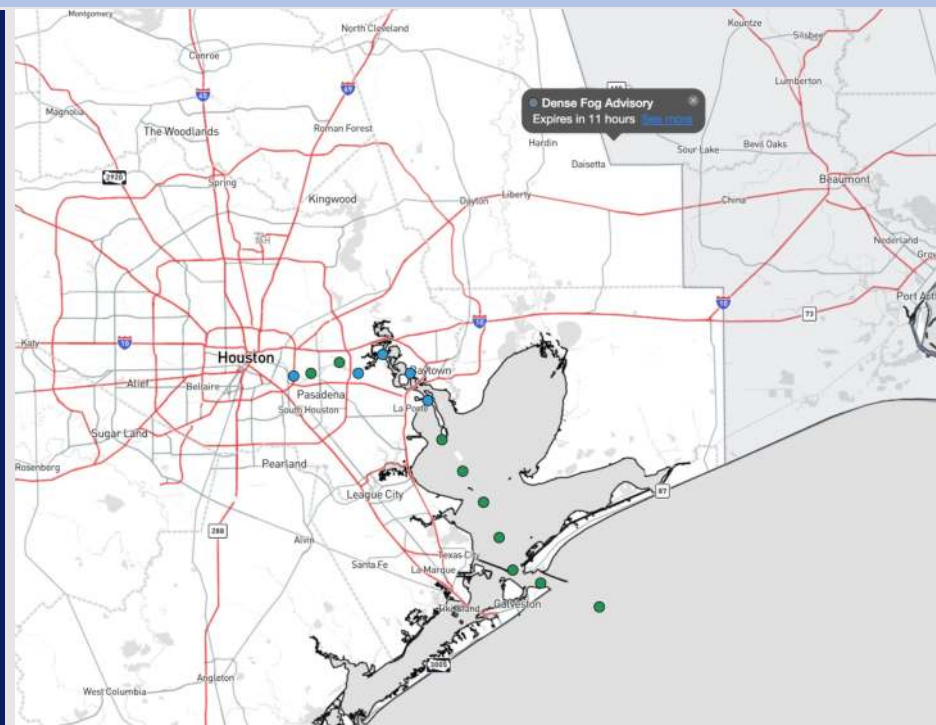
Updated: 10:30 PM CT

Wednesday, October 23, 2024

Forecaster: John Kemper

Weather Headlines

- **Patchy Fog Risks for Stations N. of Morgan's Point the next couple days will be in play. 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: 10:20 PM CT

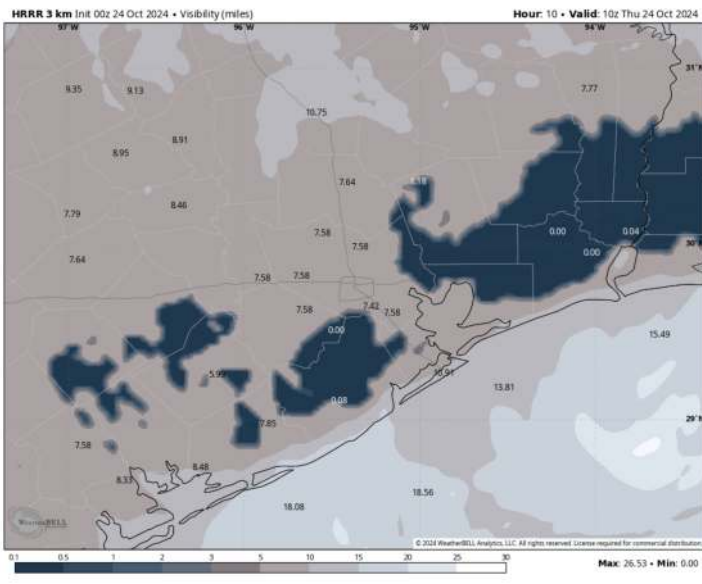


As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

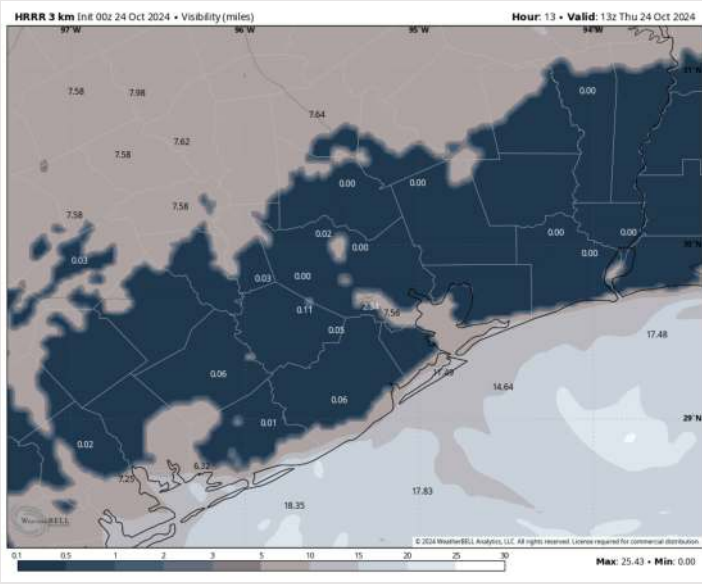
Houston Pilots Visibility Report



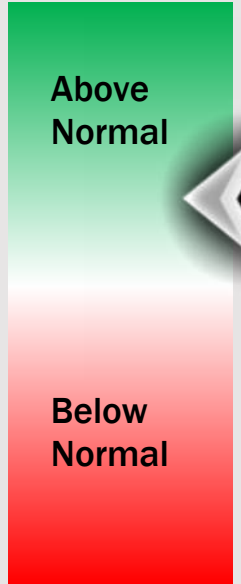
5 AM CDT THU VISIBILITY



8 AM CDT THU VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
2 AM - 9 AM THU	Low-Med

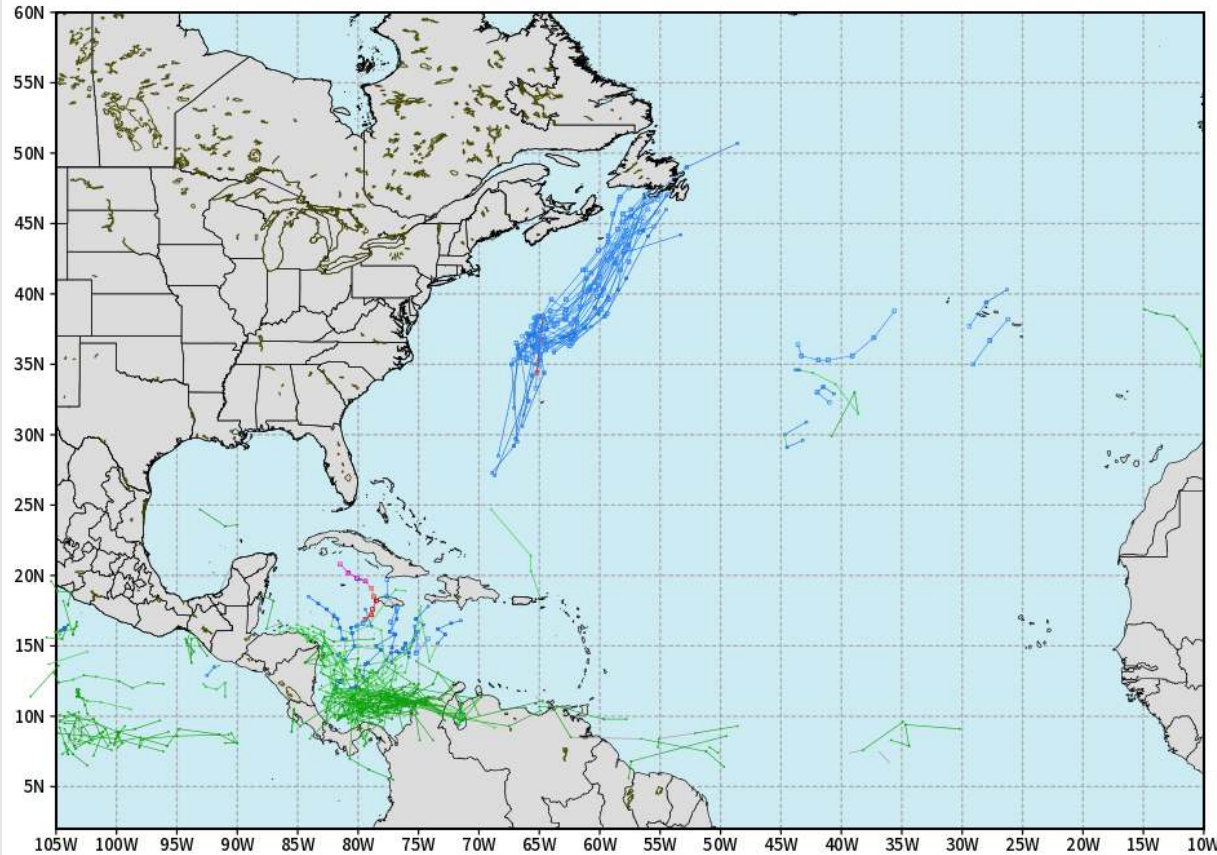
- With a similar set up as this morning- THU AM offers up another round of patchy fog between 2 - 9 AM with the greatest threat occurring between 5 - 8 AM.
- Visibility is favored to decrease to 2 - 4 miles and at times can drop to 1 mile or less.
- Favoring this to be a risk primarily for **Station 610 Bridge through Morgan's Point.**
- Confidence for this patchy development is increased due to how fog has verified the past couple of days. Confidence has also increased the dense fog potential (1 mile or less) will be localized in nature and not a widespread event.

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z23OCT2024 --> UNTIL 12Z02NOV2024

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 are monitoring the Caribbean for an additional system to develop at the end of month.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	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	Thu 2 pm	Thu 3 pm	Thu 4 pm	Thu 5 pm	Thu 6 pm	Thu 7 pm	Thu 8 pm	Thu 9 pm	Thu 10 pm
Houston Pilots N - 610 Bridge	10	10	10	10	10	10	7.9	6.9	0.8	0.3	0.3	3.9	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots M - Kinder 1	10	10	10	10	10	10	7.9	3.9	0.8	0.3	0.3	0.5	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots L - Greens Bayou	10	10	10	10	10	10	7.9	0.8	0.3	0.3	0.3	0.5	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots K - Shell Crude	10	10	10	10	10	10	4.9	0.8	0.3	0.3	0.3	0.5	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots J - Lynchburg Ferries	10	10	10	10	10	10	1.1	0.3	0.3	0.3	0.3	0.3	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots I - Exxon 3	10	10	10	10	10	10	1.1	0.3	0.3	0.3	0.3	0.3	10	10	10	10	10	10	10	10	10	10	10	10
Houston Pilots H - Morgans Point	10	10	10	10	10	10	7.9	2.9	0.8	0.3	0.3	0.5	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	4.9	1.1	1.1	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	9	5.9	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	9	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 B.A.M. 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 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	Thu 2 pm	Thu 3 pm	Thu 4 pm	Thu 5 pm	Thu 6 pm	Thu 7 pm	Thu 8 pm	Thu 9 pm	Thu 10 pm	
Houston Pilots N - 610 Bridge	5 10 ↑	3 8 ↑	3 8 ↑	3 7 ↑	2 6 ↑	2 6 ↑	1 5 ↑	1 5 ↑	1 3 ↖	1 3 ↖	1 5 ↖	1 6 ↖	2 7 ↖	3 9 ↖	5 12 ↖	6 13 ↖	6 14 ↖	7 16 ↖	8 17 ↖	8 17 ↖	8 17 ↖	8 16 ↖	7 15 ↖	6 13 ↖	
Houston Pilots M - Kinder 1	5 9 ↑	3 8 ↑	3 8 ↑	3 7 ↑	2 6 ↑	1 6 ↑	1 5 ↑	1 5 ↖	1 3 ↖	1 3 ↖	1 5 ↖	1 6 ↖	2 7 ↖	3 9 ↖	5 12 ↖	6 13 ↖	6 14 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 16 ↖	7 14 ↖	6 13 ↖		
Houston Pilots L - Greens Bayou	3 9 ↑	3 8 ↑	3 7 ↑	3 7 ↑	2 6 ↑	1 5 ↑	1 5 ↑	1 3 ↖	1 3 ↖	1 3 ↖	1 3 ↖	1 5 ↖	2 6 ↖	3 8 ↖	5 9 ↖	6 12 ↖	7 13 ↖	8 14 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 15 ↖	7 14 ↖	6 13 ↖	
Houston Pilots K - Shell Crude	3 9 ↑	3 8 ↑	3 7 ↑	3 7 ↑	2 6 ↑	1 5 ↑	1 5 ↑	1 3 ↖	1 3 ↖	1 3 ↖	1 3 ↖	1 5 ↖	2 6 ↖	3 8 ↖	5 9 ↖	6 12 ↖	7 13 ↖	8 14 ↖	8 16 ↖	8 16 ↖	8 16 ↖	8 15 ↖	7 14 ↖	6 12 ↖	
Houston Pilots J - Lynchburg Ferries	3 8 ↑	3 7 ↑	3 7 ↑	2 7 ↑	2 6 ↑	1 5 ↑	1 3 ↖	1 3 ↖	1 3 ↖	1 3 ↖	1 3 ↖	1 5 ↖	2 6 ↖	3 8 ↖	3 9 ↖	6 12 ↖	6 13 ↖	8 14 ↖	8 15 ↖	8 16 ↖	8 16 ↖	8 15 ↖	7 13 ↖	6 12 ↖	
Houston Pilots I - Exxon 3	7 10 ↖	6 9 ↖	6 9 ↖	6 8 ↖	5 7 ↖	3 7 ↖	3 6 ↖	3 5 ↖	3 5 ↖	3 5 ↖	2 5 ↖	3 6 ↖	3 7 ↖	3 8 ↖	5 10 ↖	6 13 ↖	8 14 ↖	9 16 ↖	10 17 ↖	10 17 ↖	10 17 ↖	10 16 ↖	9 14 ↖	9 13 ↖	
Houston Pilots H - Morgans Point	7 10 ↖	6 9 ↖	6 9 ↖	6 8 ↖	5 7 ↖	3 7 ↖	3 6 ↖	3 5 ↖	3 5 ↖	2 5 ↖	3 6 ↖	3 7 ↖	3 8 ↖	5 9 ↖	6 10 ↖	8 13 ↖	9 14 ↖	10 15 ↖	10 16 ↖	10 16 ↖	10 16 ↖	10 15 ↖	9 14 ↖	8 13 ↖	
Houston Pilots G - 75/76	8 12 ↖	7 10 ↖	7 9 ↖	7 9 ↖	6 8 ↖	6 7 ↖	5 7 ↖	3 6 ↖	3 5 ↖	3 5 ↖	3 6 ↖	3 7 ↖	5 8 ↖	5 9 ↖	6 10 ↖	8 13 ↖	8 14 ↖	10 15 ↖	10 17 ↖	10 17 ↖	10 17 ↖	10 16 ↖	9 14 ↖	9 14 ↖	
Houston Pilots F - 63/64	8 12 ↖	7 10 ↖	7 9 ↖	6 9 ↖	6 8 ↖	6 7 ↖	5 7 ↖	3 6 ↖	3 5 ↖	3 5 ↖	3 6 ↖	3 7 ↖	5 8 ↖	5 9 ↖	6 10 ↖	7 13 ↖	8 13 ↖	9 15 ↖	10 16 ↖	10 16 ↖	10 16 ↖	10 15 ↖	9 14 ↖	9 14 ↖	
Houston Pilots E - 51/52	7 10 ↖	7 9 ↖	6 9 ↖	6 9 ↖	6 8 ↖	5 7 ↖	5 7 ↖	3 6 ↖	3 5 ↖	3 5 ↖	3 6 ↖	3 7 ↖	5 9 ↖	5 9 ↖	6 13 ↖	7 13 ↖	8 13 ↖	8 14 ↖	9 15 ↖	9 15 ↖	9 15 ↖	9 14 ↖	9 14 ↖	8 13 ↖	
Houston Pilots D - 37/38	7 10 ↖	7 10 ↖	6 9 ↖	6 9 ↖	6 8 ↖	5 7 ↖	5 7 ↖	3 6 ↖	3 5 ↖	3 5 ↖	3 6 ↖	3 7 ↖	5 9 ↖	5 9 ↖	6 13 ↖	7 13 ↖	7 13 ↖	8 14 ↖	8 14 ↖	8 14 ↖	8 14 ↖	8 14 ↖	8 14 ↖	8 13 ↖	
Houston Pilots C - 25/26	7 10 ↖	6 10 ↖	6 9 ↖	6 9 ↖	6 8 ↖	5 7 ↖	5 7 ↖	3 6 ↖	3 5 ↖	3 5 ↖	3 6 ↖	3 7 ↖	5 9 ↖	5 9 ↖	6 13 ↖	7 13 ↖	7 13 ↖	8 13 ↖	8 14 ↖	8 14 ↖	8 14 ↖	8 14 ↖	8 13 ↖	8 13 ↖	
Houston Pilots B - 11/12	6 10 ↖	6 10 ↖	6 9 ↖	6 9 ↖	5 8 ↖	3 7 ↖	3 7 ↖	3 6 ↖	3 5 ↖	2 5 ↖	3 6 ↖	3 7 ↖	5 9 ↖	6 9 ↖	6 13 ↖	7 13 ↖	7 13 ↖	8 13 ↖	8 14 ↖	8 14 ↖	8 14 ↖	8 14 ↖	8 13 ↖	8 13 ↖	
Houston Pilots A - 1 & 2 Bravo	8 12 ↖	7 12 ↖	7 10 ↖	7 10 ↖	6 9 ↖	6 8 ↖	6 8 ↖	5 7 ↖	3 6 ↖	3 6 ↖	3 7 ↖	3 8 ↖	5 9 ↖	6 9 ↖	6 12 ↖	7 13 ↖	7 13 ↖	8 13 ↖	8 13 ↖	8 14 ↖	8 14 ↖	8 14 ↖	9 15 ↖	9 14 ↖	10 15 ↖

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Forecast Discussion

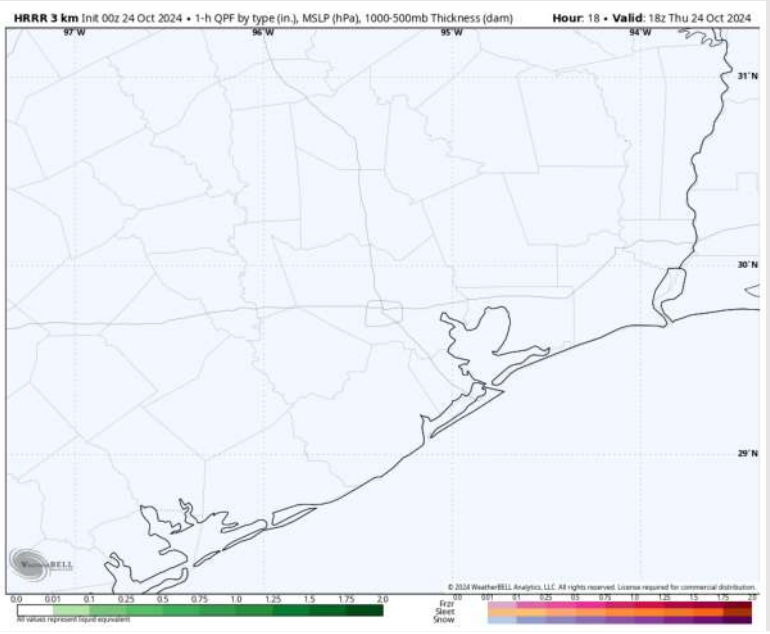
Precip: Favoring dry conditions for today.

Wind: Winds will be variable through 2PM before transitioning fully out of the ESE/SE for the remainder of the day. **N of Morgan's Point:** Winds will be at 3 – 6 kts for the entire day. **S of Morgan's Point:** Winds at 4 – 8 kts through 5PM increasing to 6 - 10kts for the remainder of the evening.

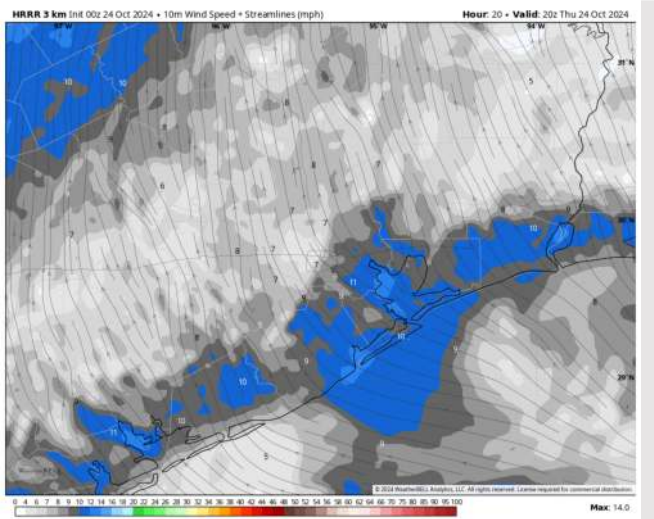
High Temps: **N of Morgan's Point:** Lower to mid 80s F. **S of Morgan's Point:** Upper 70s F.

Visibility: Patchy Fog will be possible for Stations N. of Morgan's Point. See Visibility Report for more information.

Precip Image: 1 PM CT

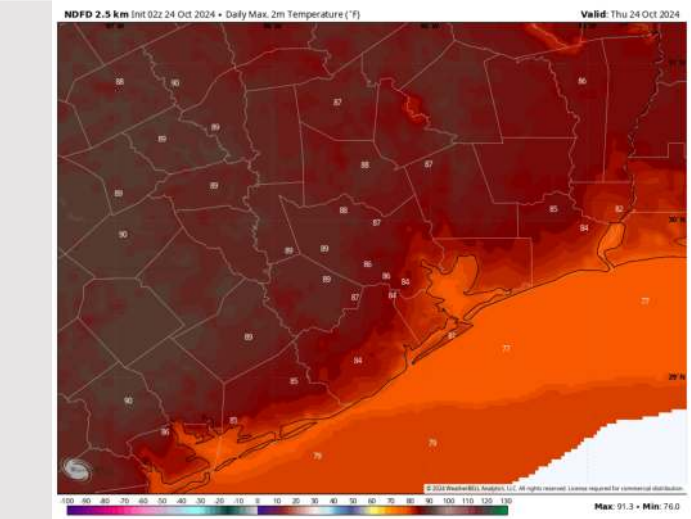


Wind Speed:



Wind Speed:
3 PM CT

High Temps Today



High Temps
Today

Houston Pilots: FRI. 10/25/2024



Forecast Discussion

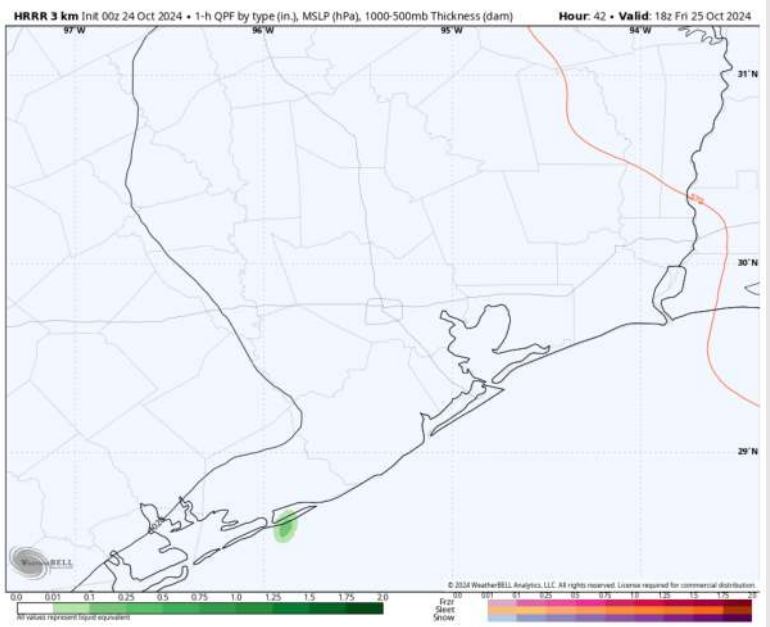
Precip: Favoring dry conditions for Friday.

Wind: Winds will be variable throughout the morning before shifting out of the SE by 4PM Friday. **N of Morgan's Point:** Winds will be at 4 – 7 kts for Friday. **S of Morgan's Point:** Winds will be at 6 - 9 kts for the entire day.

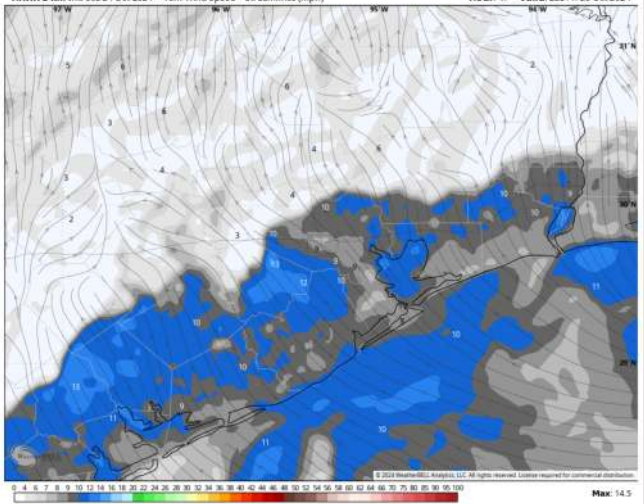
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Lower 80 F.

Visibility: Patchy fog development for stations N of Morgan's Point will be possible Friday AM. Confidence is lower on timing / coverage.

Precip Image: 1 PM CT

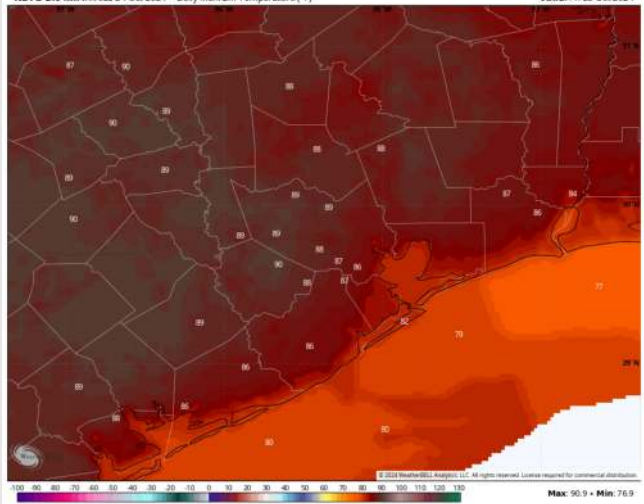


HRRR 3 km Init 00z 24 Oct 2024 • 10m Wind Speed + Streamlines (mph) Hour: 47 • Valid: 23z Fri 25 Oct 2024



Wind Speed
6 PM CT

NDFD 2.5 km Init 02z 24 Oct 2024 • Daily Max, 2m Temperature (°F) Valid: Fri 25 Oct 2024



High Temps
Friday

Houston Pilots: SAT. 10/26/2024



Forecast Discussion

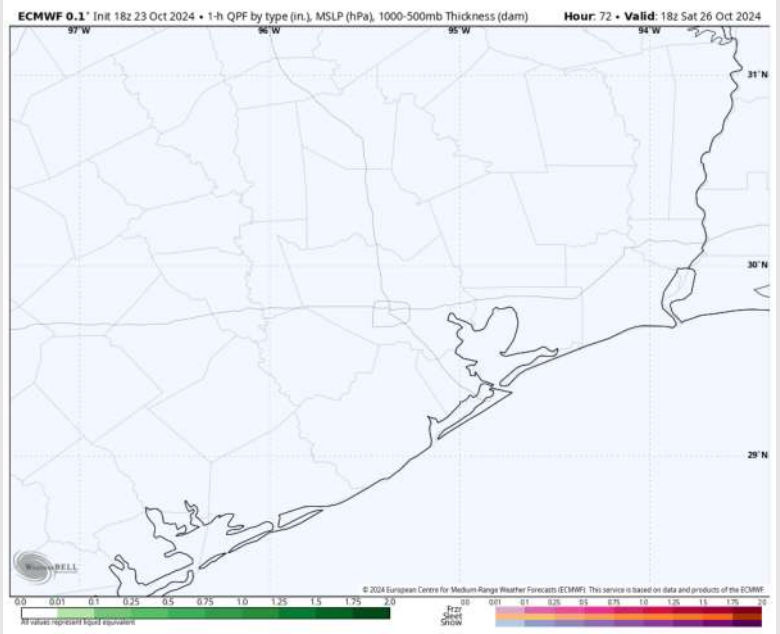
Precip: Favoring dry conditions for Saturday.

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

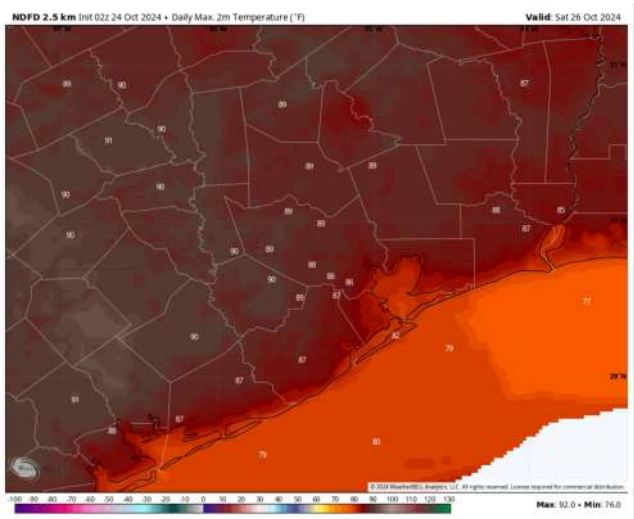
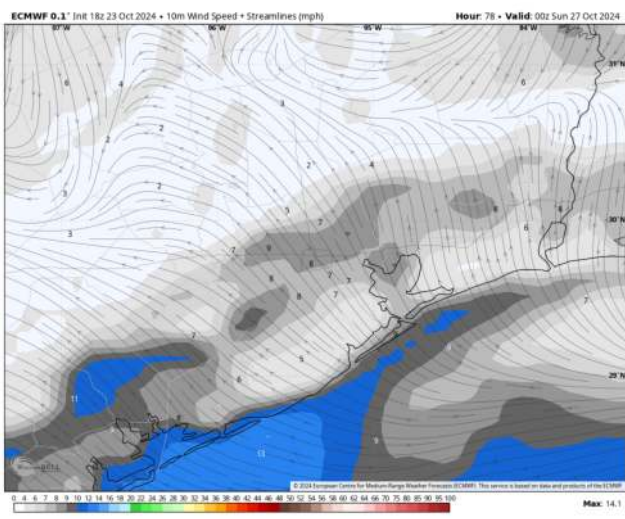
High Temps: **N of Morgan's Point:** Lower to Mid 80s F. **S of Morgan's Point:** Upper 70s to Lower 80s F.

Visibility: A Patchy Fog Risk will be in play for the 610 Bridge. Additional details to follow as we get closer.

Precip Image: 1 PM CT

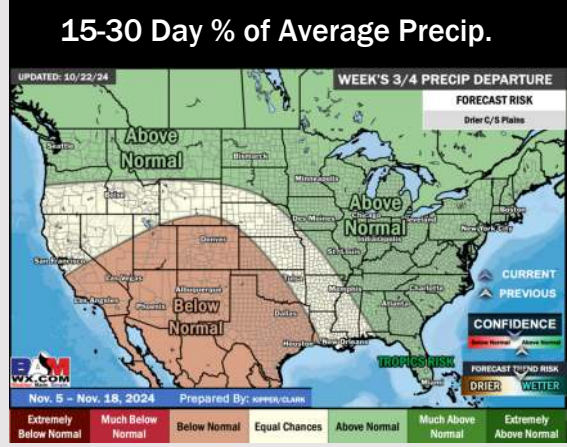
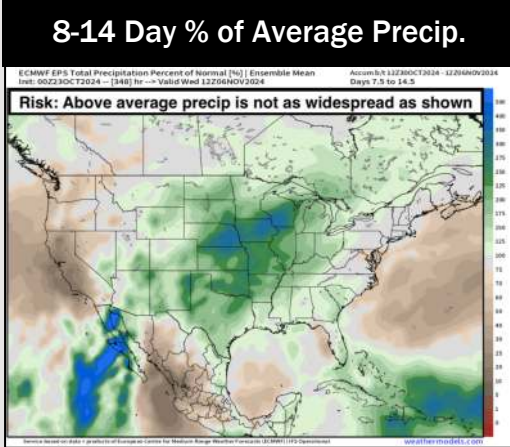
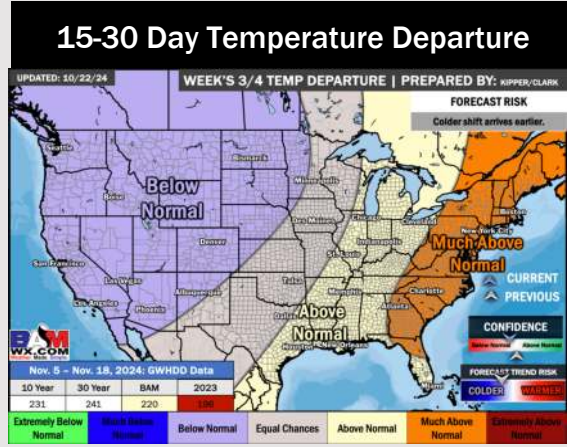
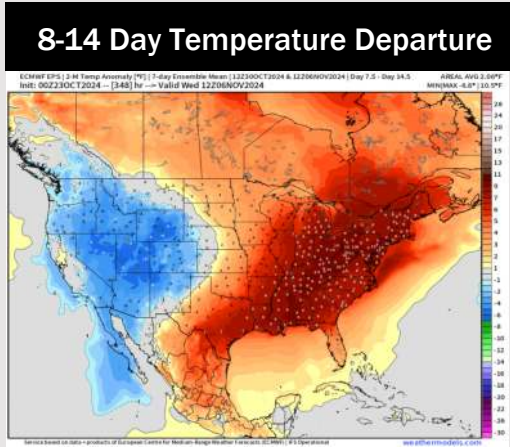
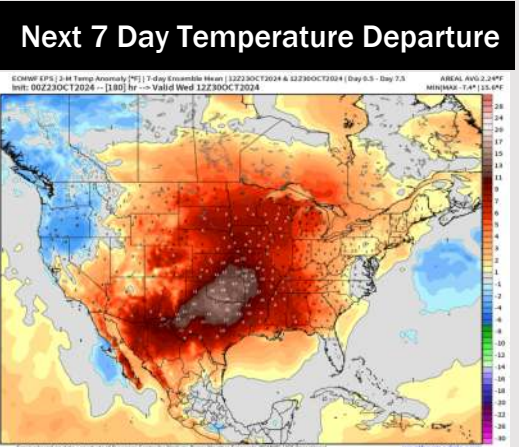


Wind Speed:
7 PM CT



High Temps
Saturday

Houston Pilots: 10/24/24



- 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.