

Houston Pilots Forecast Package



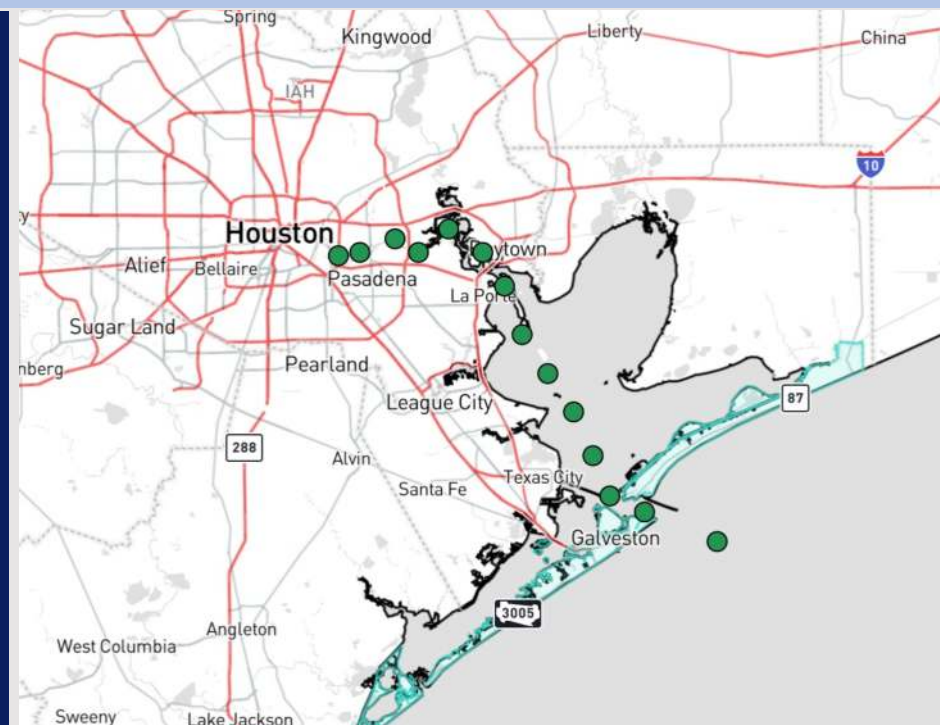
Updated: 12:50 PM CT

Tuesday, October 22, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- **Patchy Fog Risks for Stations N. of Morgan's Point. See visibility slide below for thoughts on WED 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: 12:15 PM CT



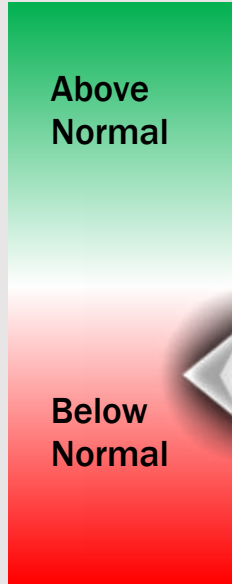
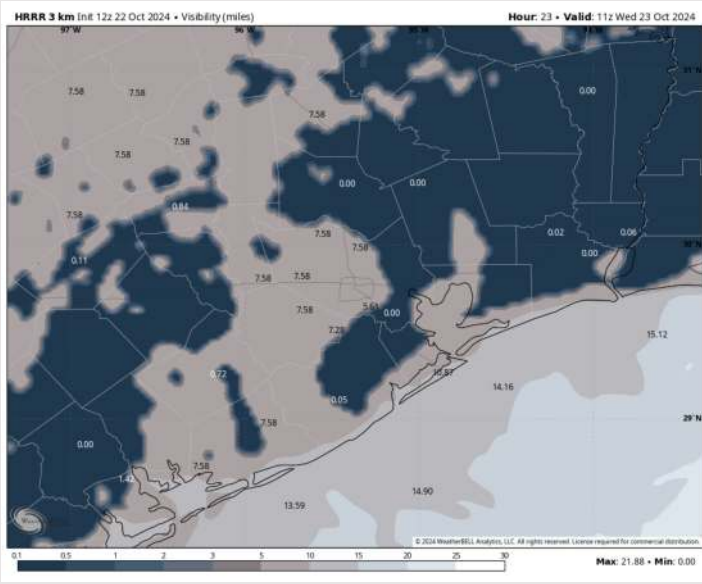
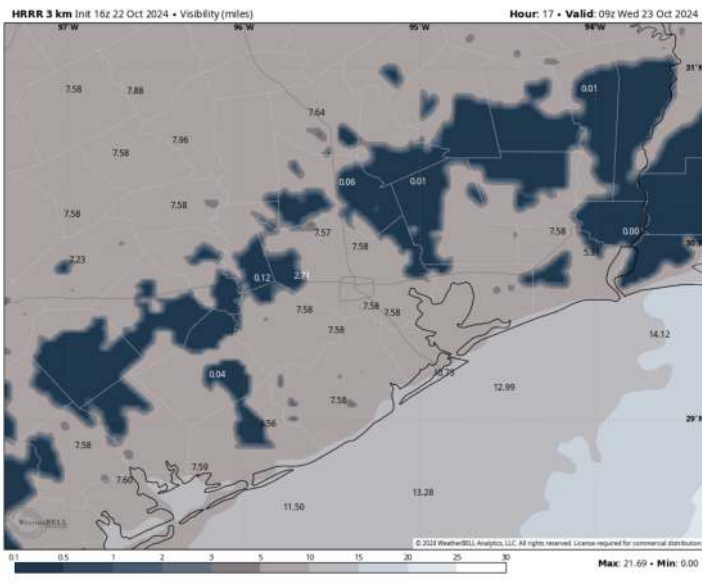
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Visibility Report



4 AM CDT WED VISIBILITY 6 AM CDT WED VISIBILITY

Confidence



TIMEFRAME DISCUSSED	THREAT
4 AM – 10 AM WED	Low-Med

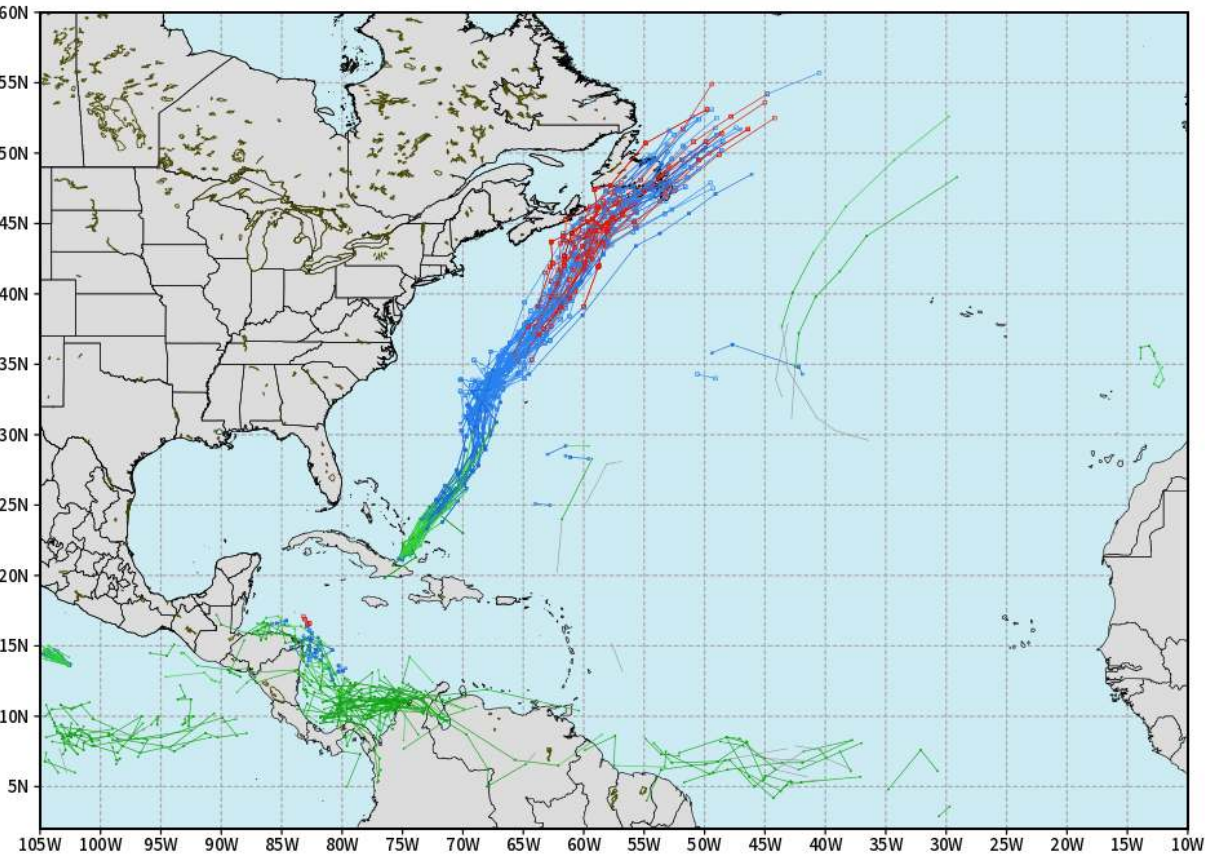
- Isolated to Patchy fog risk Wednesday morning between 4 AM – 10 AM. Timeframe with greatest potential likely between 5 - 8 AM.
- Visibility may drop to 2 – 4 miles with isolated instances of visibility dropping to 1 mile or less.
- Favoring this to be a risk primarily for **Stations N of Morgan's Point.**
- Confidence is slightly below normal due to risk of fog developing too far north / not have any impacts.

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z22OCT2024 --> UNTIL 00Z01NOV2024

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

Tropical Storm Oscar continues to weaken as it pushes further NE into the Atlantic.

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

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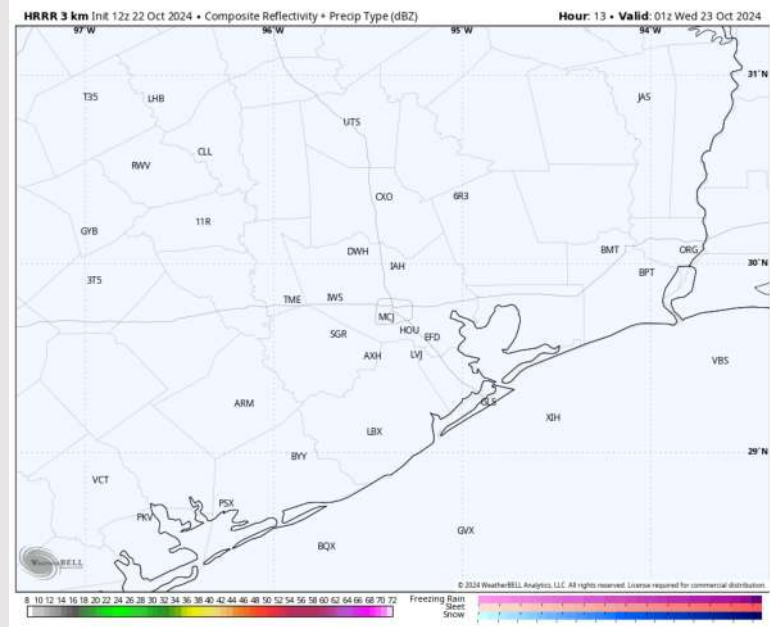
Houston Pilots: TUE. 10/22/2024



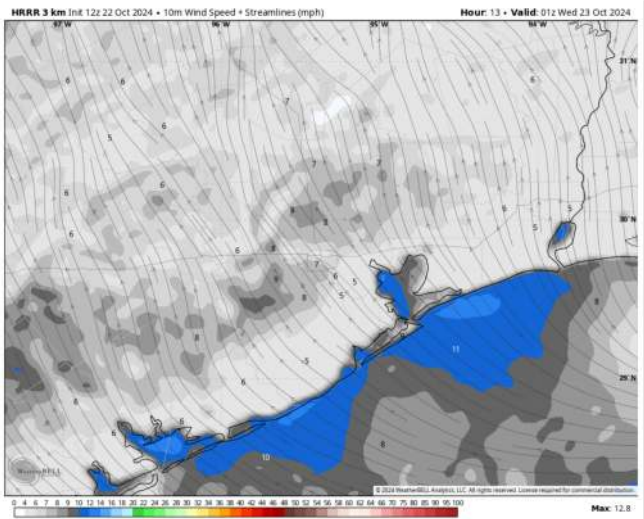
Forecast Discussion

- Precip:** Favoring dry conditions for today.
- Wind:** Winds will be generally out of the SSE/SE for the rest of today. **N of Morgan's Point:** Winds will be at 4 – 7 kts for the remainder of the PM. **S of Morgan's Point:** Winds will be at 5 – 10 kts throughout the PM.
- Low Temps:** **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Lower 80 F.
- Visibility:** No visibility concerns the rest of today. Keeping an eye on patchy risk tomorrow AM (see next slide).

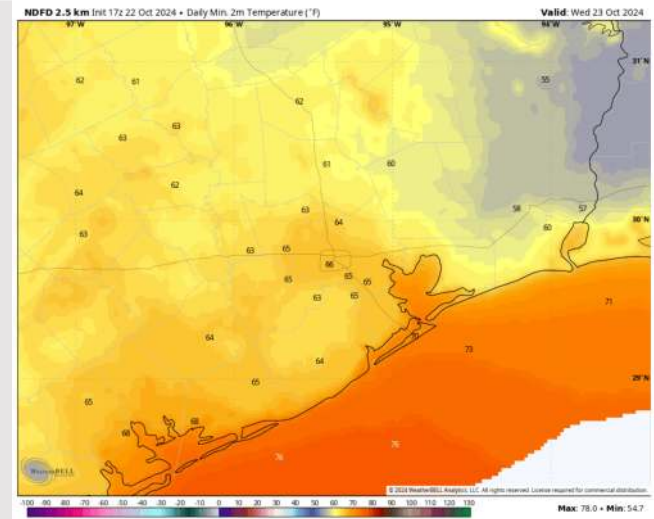
Precip Image: 8 PM CT



Wind Speed
8 PM CT



Low Temps
WED AM



Forecast Discussion

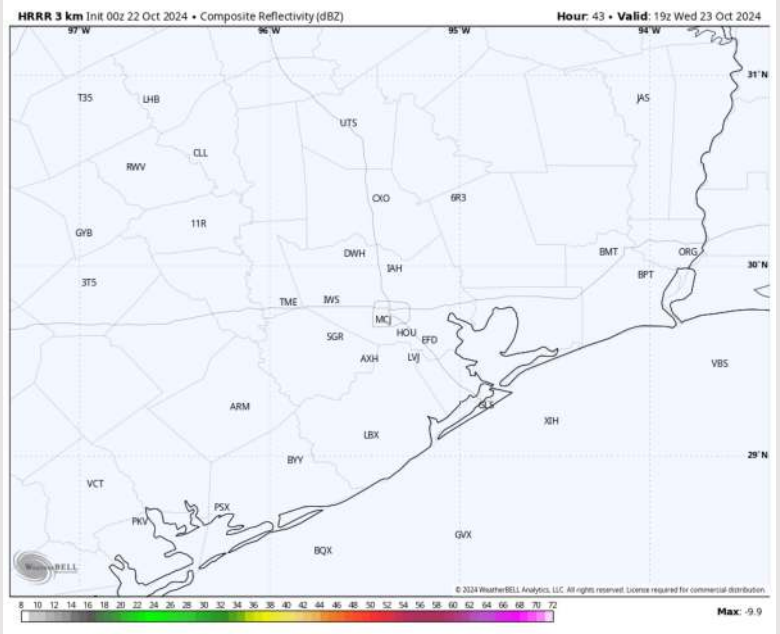
Precip: Favoring dry conditions for Wednesday.

Wind: Winds will be generally out of the E/SE on Wednesday.
N of Morgan's Point: Winds will be at 2 – 7 kts throughout the day.
S of Morgan's Point: Winds will be at 4 – 9 kts throughout the day.

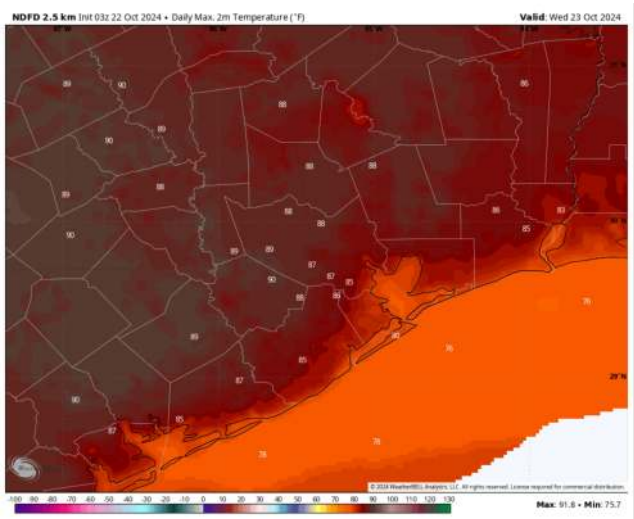
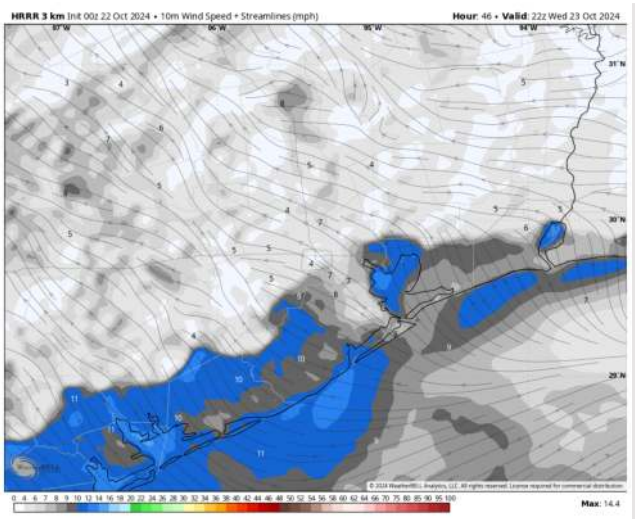
High Temps: **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Upper 70s to Low 80s F.

Visibility: Favoring patchy fog to reduce visibilities to 1-3 miles for Stations N of Morgan's Point WED AM. See visibility slide.

Precip Image: 2 PM CT



Wind Speed:
5 PM CT



High Temps
Wednesday

Houston Pilots: THU. 10/24/2024



Forecast Discussion

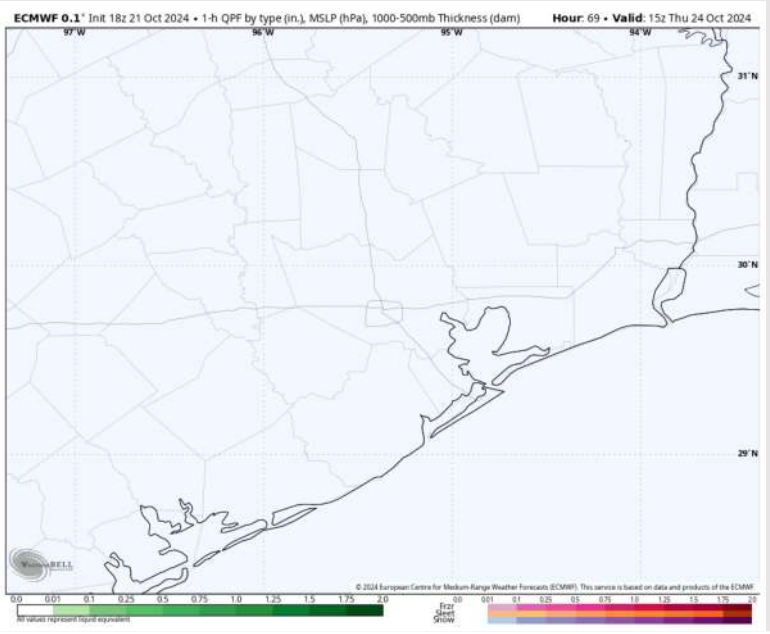
Precip: Favoring dry conditions for Thursday.

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.

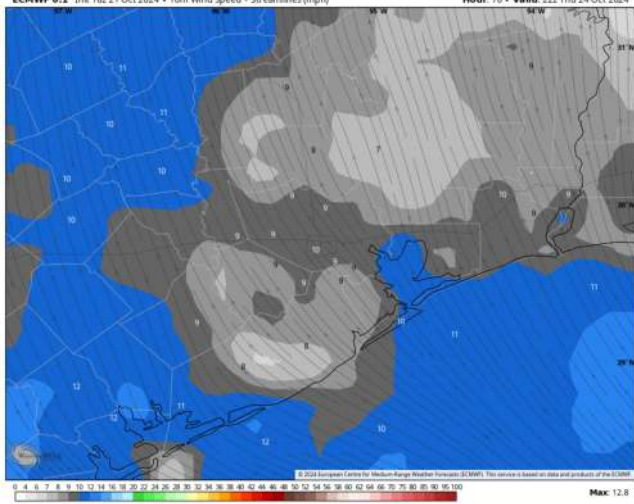
High Temps: **N of Morgan's Point:** Lower to mid 80s F. **S of Morgan's Point:** Upper 70s F.

Visibility: Patchy Fog will be possible for Stations N. of Morgan's Point THU AM, reducing visibilities to <5 miles.

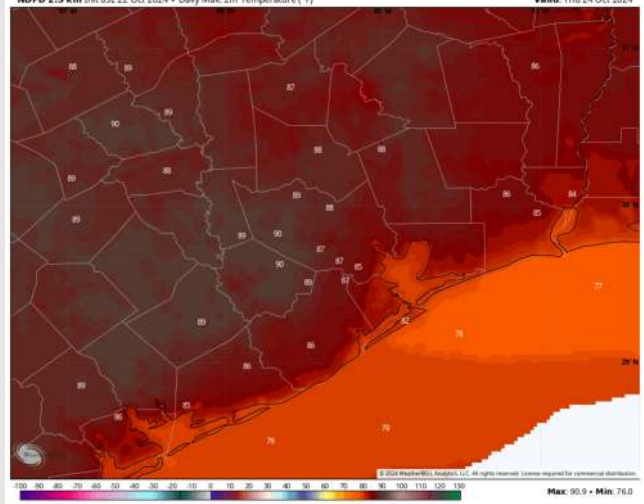
Precip Image: 10 AM CT



ECMWF 0.1° Init 18z 21 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 76 • Valid: 22z Thu 24 Oct 2024



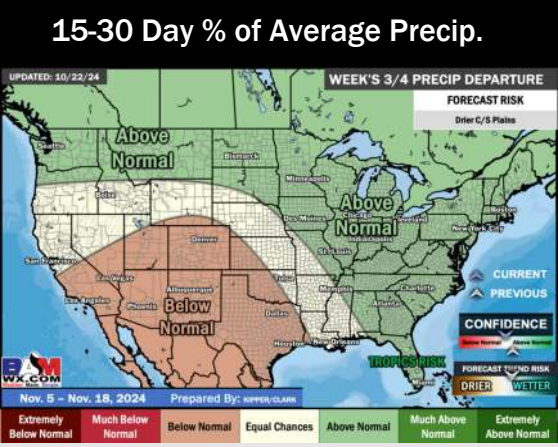
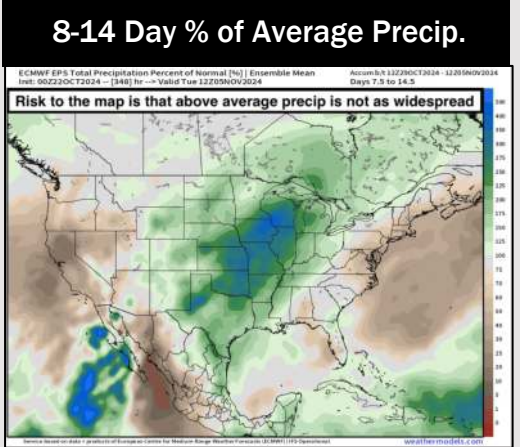
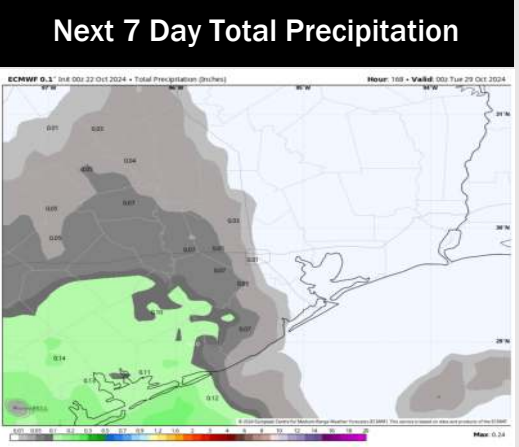
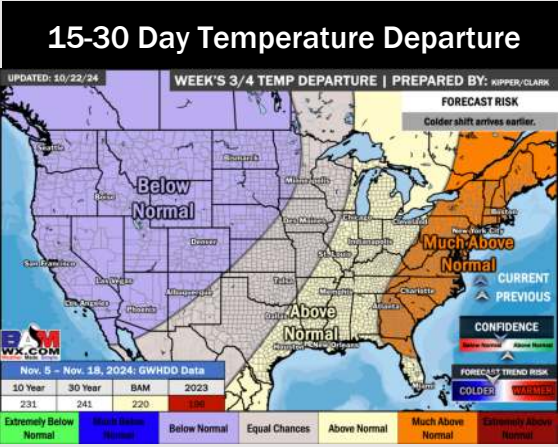
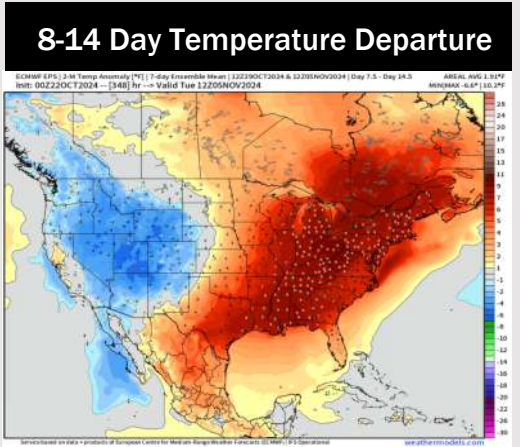
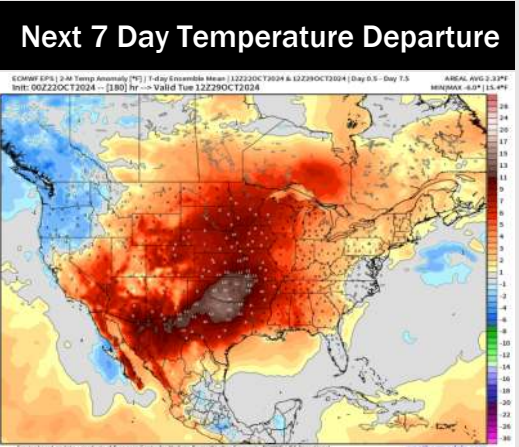
NDFD 2.5 km Init 03z 22 Oct 2024 • Daily Max, 2m Temperature (°F) Valid: Thu 24 Oct 2024



Wind Speed:
5 PM CT

High Temps
Thursday

Houston Pilots: 10/22/24



- 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.