

Houston Pilots Forecast Package



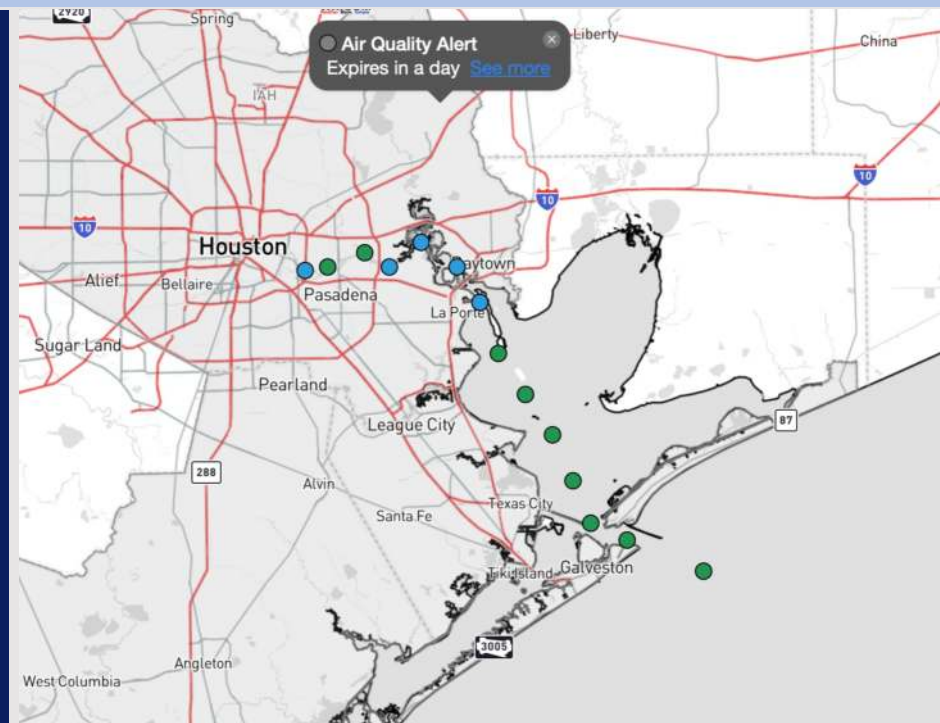
Updated: 12:45 PM CT

Wednesday, October 2, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Gusts of up to 20 – 25 kts will be in play for the Boarding Station on Friday.
- Not anticipating any visibility concerns for stations.
- **Watching the Caribbean closely for the next potential system for the weekend/start of next week! See Tropical Update below!**



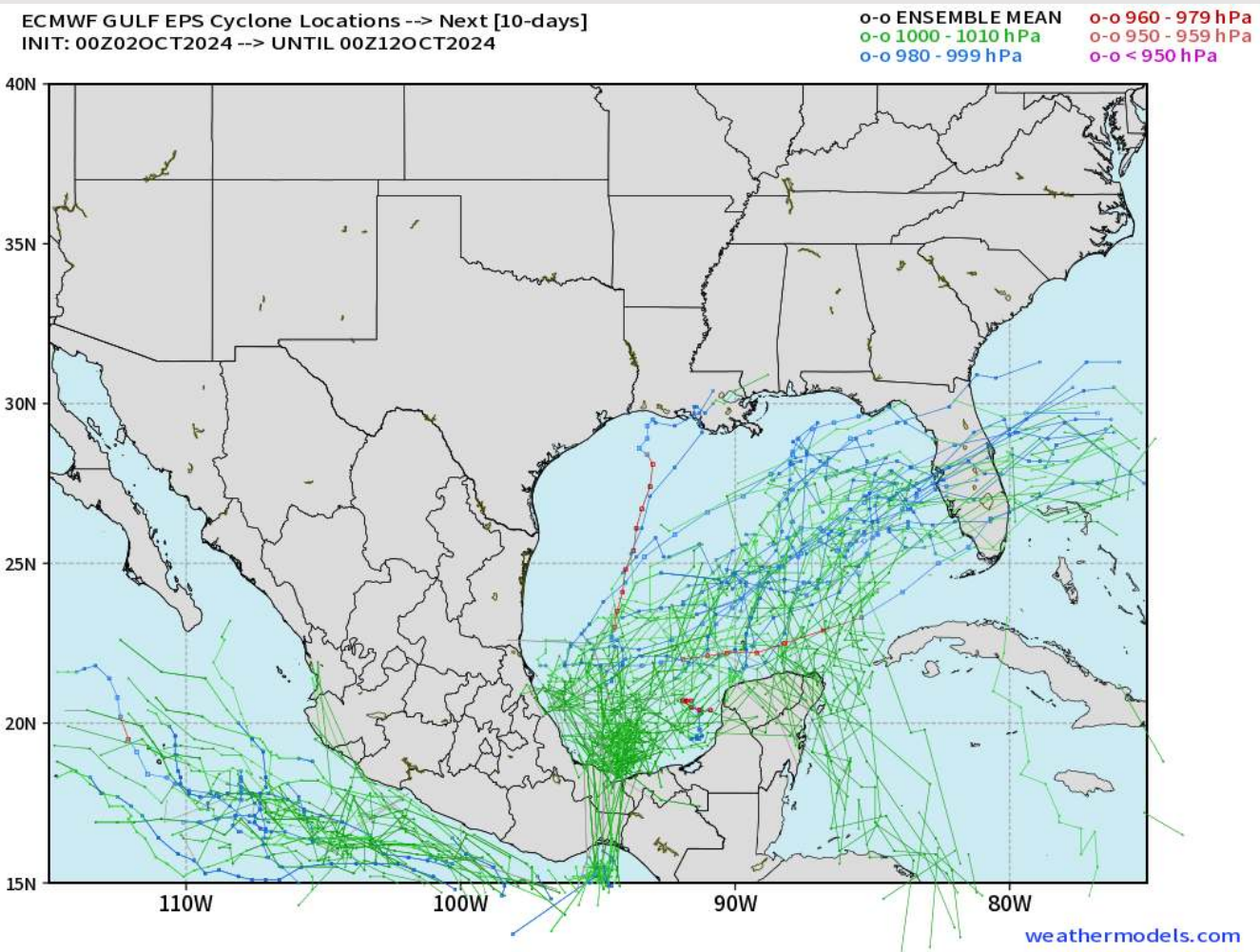
Current Radar: 12:00 PM CT



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



Details remain uncertain on the evolution of the next tropical system which will develop near the Yucatan Peninsula. At least a low-end tropical depression / storm will be in play towards the end of the weekend.

Current trends continue to keep this tropical disturbance east of the HOU area.

Houston Pilots Tropical Update



Next Tropical Disturbance

TROPICAL INSIGHT

6 PM CT Tuesday, October 1, 2024

Forecaster: Kemper



Formation Chances	0 - 20%	20%-40%	40%-60%	60%-80%	80% - 100%
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TIMING: ~Oct 6th – 10th

FORECAST NOTES:

- ✓ Slow development of tropical system favored after / on the 6th.
- ✓ We continue to favor core of system to remain E of TX / LA based on the latest trends.
- ✓ While intensity uncertain, coastal areas should be prepared for additional updates as we get closer to the weekend.



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	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



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

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Houston Pilots: WED. 10/2/2024



Forecast Discussion

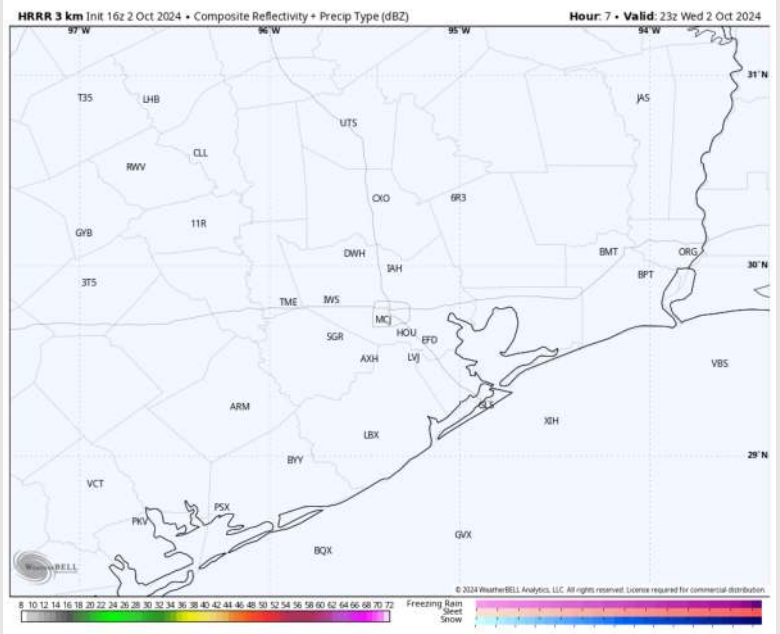
Precip: Favoring dry conditions for the rest of today.

Wind: Winds will be out of the ENE through 4 PM, shifting out of the E /ESE thereafter, continuing the rest of the day. **N of Morgan's Point:** Winds will be at 2 – 7 kts throughout the day. **S of Morgan's Point:** Winds will be at 8 – 13 kts for the entire day. **Gusts expected to sit near 15 kts this PM.**

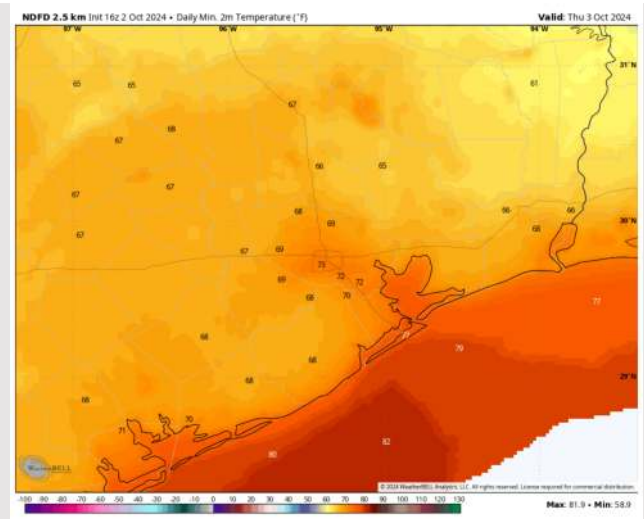
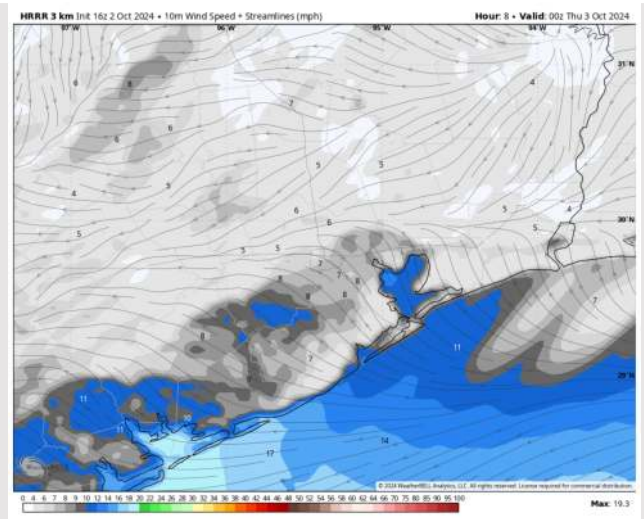
Low Temps: **N of Morgan's Point:** Lower 70s F. **S of Morgan's Point:** Upper 70s F.

Visibility: Not favoring any fog concerns for this PM.

Precip Image: 6 PM CT



Wind Speed:
7 PM CT



Low Temps
THU AM

Houston Pilots: THU. 10/3/2024



Forecast Discussion

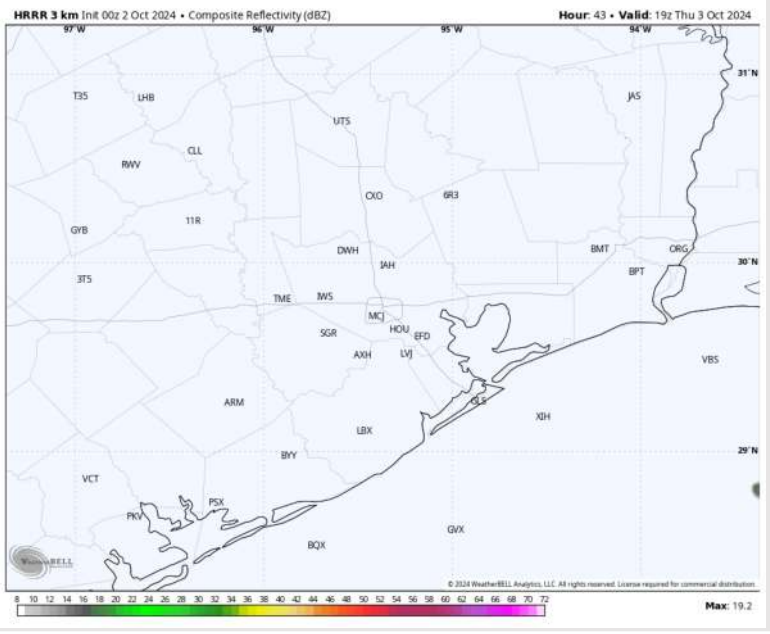
Precip: Favoring dry conditions for Thursday.

Wind: Winds will start out of the E / ENE through 12PM before veering to out of the E / ESE. **N of Morgan's Point:** Winds will be sustained at 4 – 7 kts through Thursday. **S of Morgan's Point:** Winds will be at 3 – 7 kts through 8AM, increasing to 5 – 10 kts for the remainder of the day. A few gusts of 20kts can't be ruled out for the Boarding Station from 10AM – 6PM.

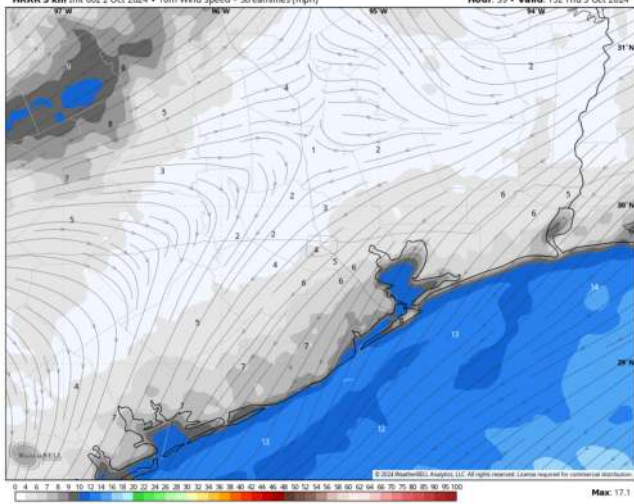
High Temps: **N of Morgan's Point:** Low 90's F. **S of Morgan's Point:** Mid to upper 80s F

Visibility: Not anticipating any visibility concerns for Thursday.

Precip Image: 2 PM CT

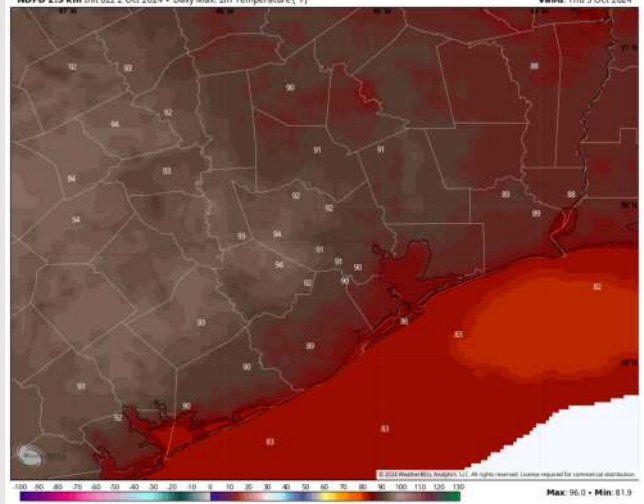


HRRR 3 km Init 00z 2 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 39 • Valid: 15z Thu 3 Oct 2024



Wind Speed: 10 AM CT

NDFD 2.5 km Init 02z 2 Oct 2024 • Daily Max. 2m Temperature (°F) Valid: Thu 3 Oct 2024



High Temps Thursday

Houston Pilots: FRI. 10/4/2024



Forecast Discussion

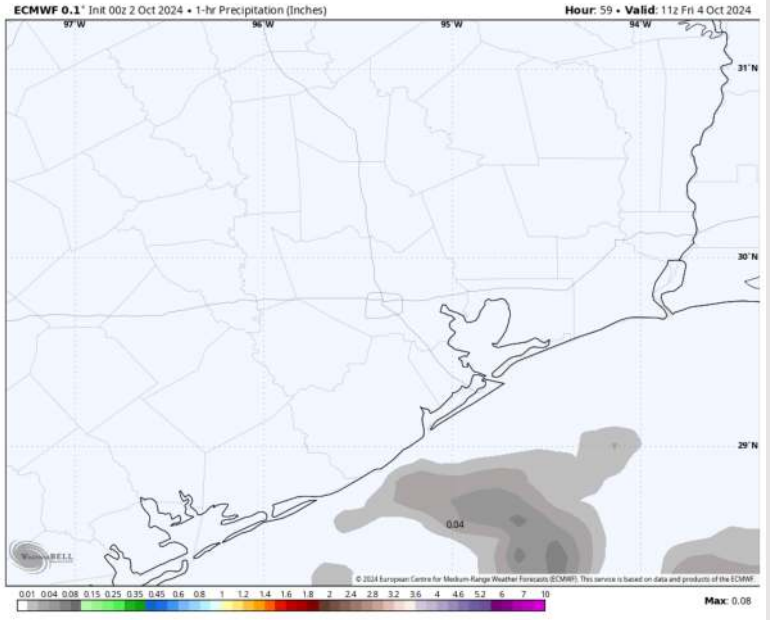
Precip: Favoring a few isolated showers (20%) to work northwestward from 4 AM – 10 PM, impacting stations S of Morgan’s Point for Friday.

Wind: Winds will start out of the ESE through 6AM before shifting out of the NE / ENE for the remainder of the day. **N of Morgan’s Point:** Winds to start at 2 – 7 kts before increasing to 8 – 13 kts after 12PM for Friday. **S of Morgan’s Point:** Winds will be at 7 – 12 kts through 6AM before increasing to 14 – 18kts for the remainder of Friday. **Gusts may reach up to 25 kts between 7AM – 5PM.**

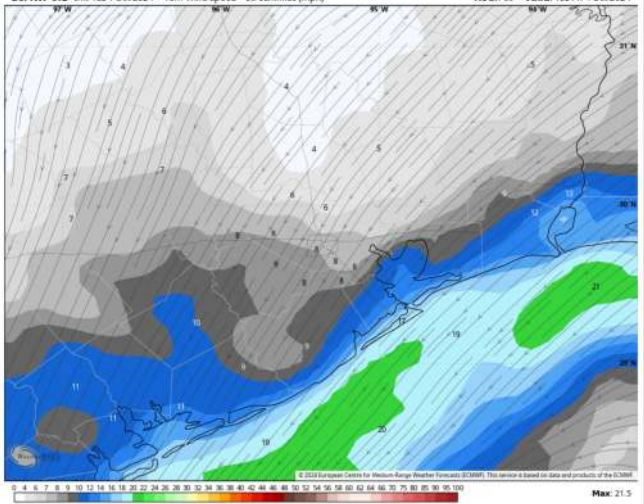
High Temps: **N of Morgan’s Point:** Low 90’s F. **S of Morgan’s Point:** Upper 80s F.

Visibility: Not anticipating any visibility concerns for Friday.

Precip Image: 6 PM CT

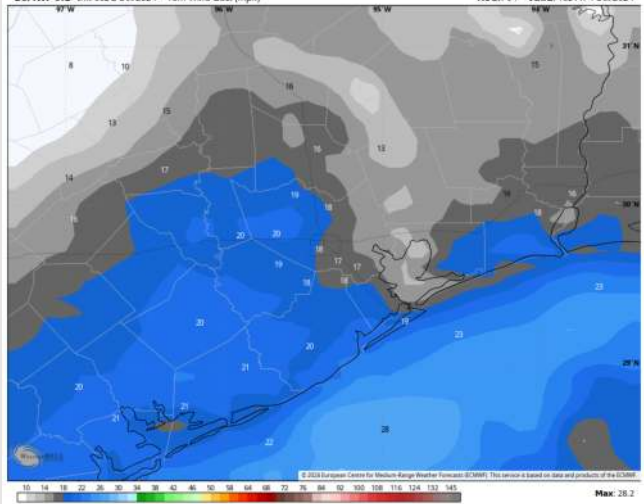


ECMWF 0.1' Init 18z 1 Oct 2024 • 10m Wind Speed + Streamlines (mph) Hour: 69 • Valid: 15z Fri 4 Oct 2024



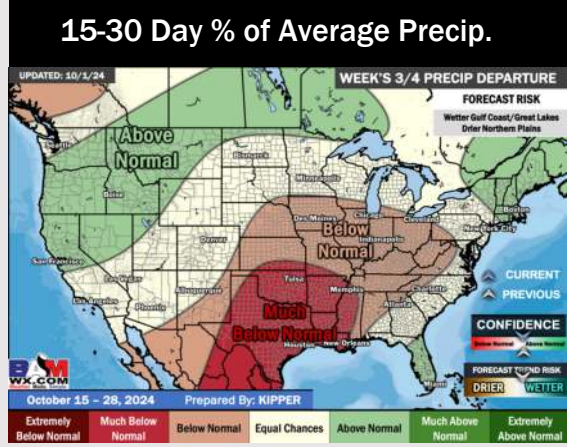
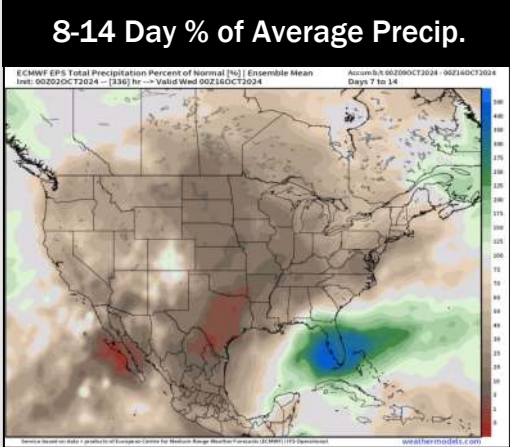
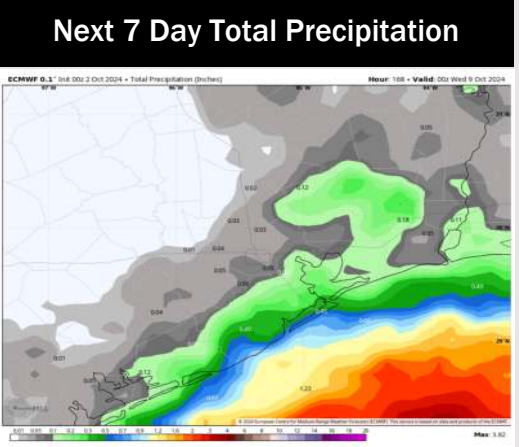
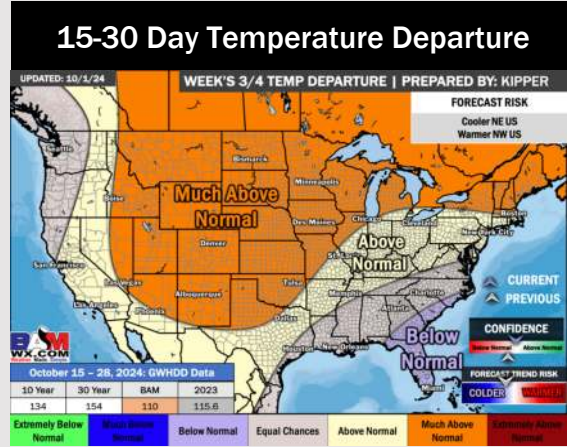
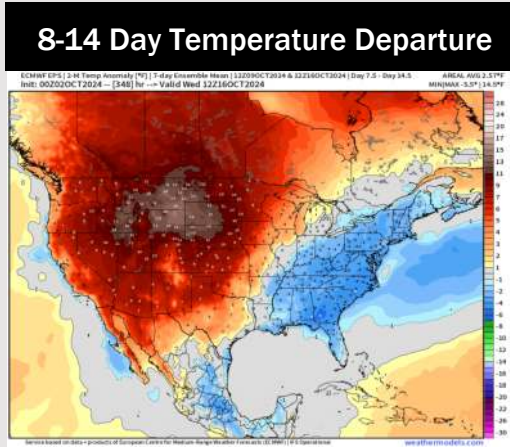
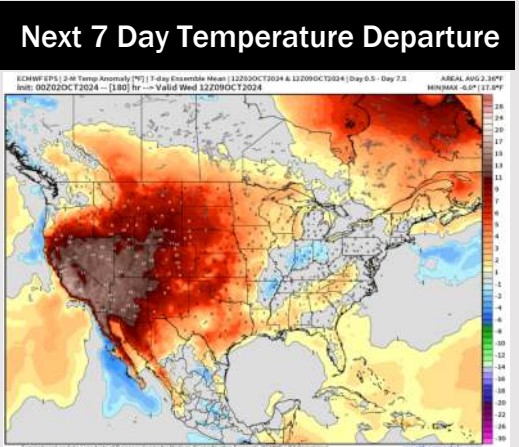
Wind Speed
10 AM CT

ECMWF 0.1' Init 00z 2 Oct 2024 • 10m Wind Gust (mph) Hour: 64 • Valid: 16z Fri 4 Oct 2024



Wind Gusts
11 AM CT

Houston Pilots: 10/2/24



- Temps are expected to be above normal for the week 1 timeframe. Favoring dry conditions through most of week 1 with rain chances increasing into the first weekend of Oct.
- Near normal temperatures are favored for week 2. Confidence is low on rain chances due to additional tropical risks for week 2.
- Near normal temperatures and much below normal precipitation chances are expected for the weeks ¾ timeframe.