

Houston Pilots Forecast Package



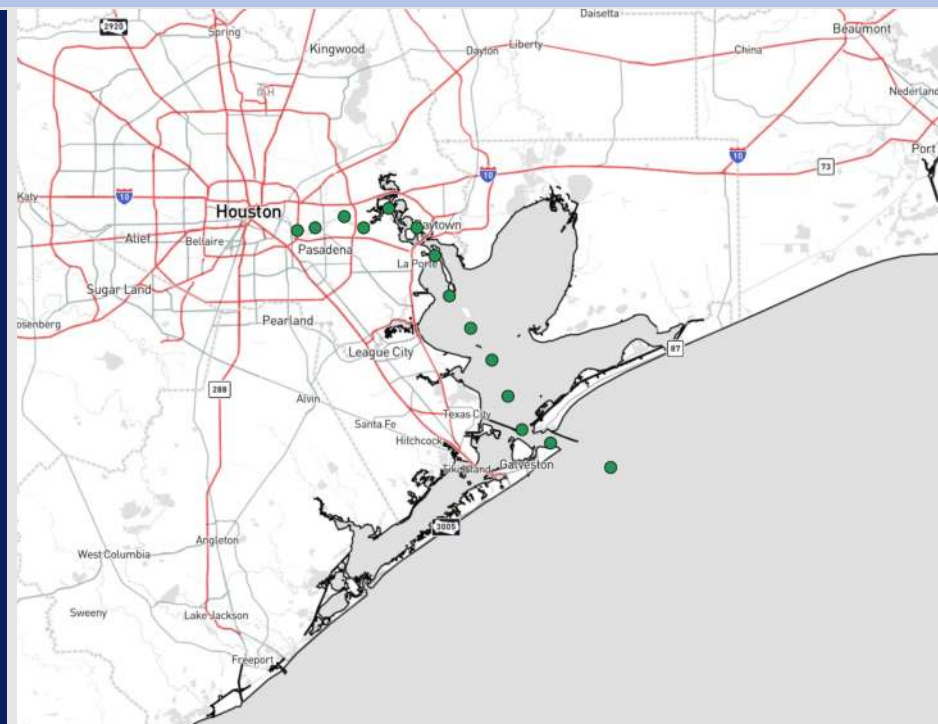
Updated: 10:30 PM CT

Tuesday, October 1, 2024

Forecaster: John Kemper

Weather Headlines

- Gusts of up to 20 – 25 kts will be in play for the Boarding Station periodically over the next 72 Hrs.
- 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!**



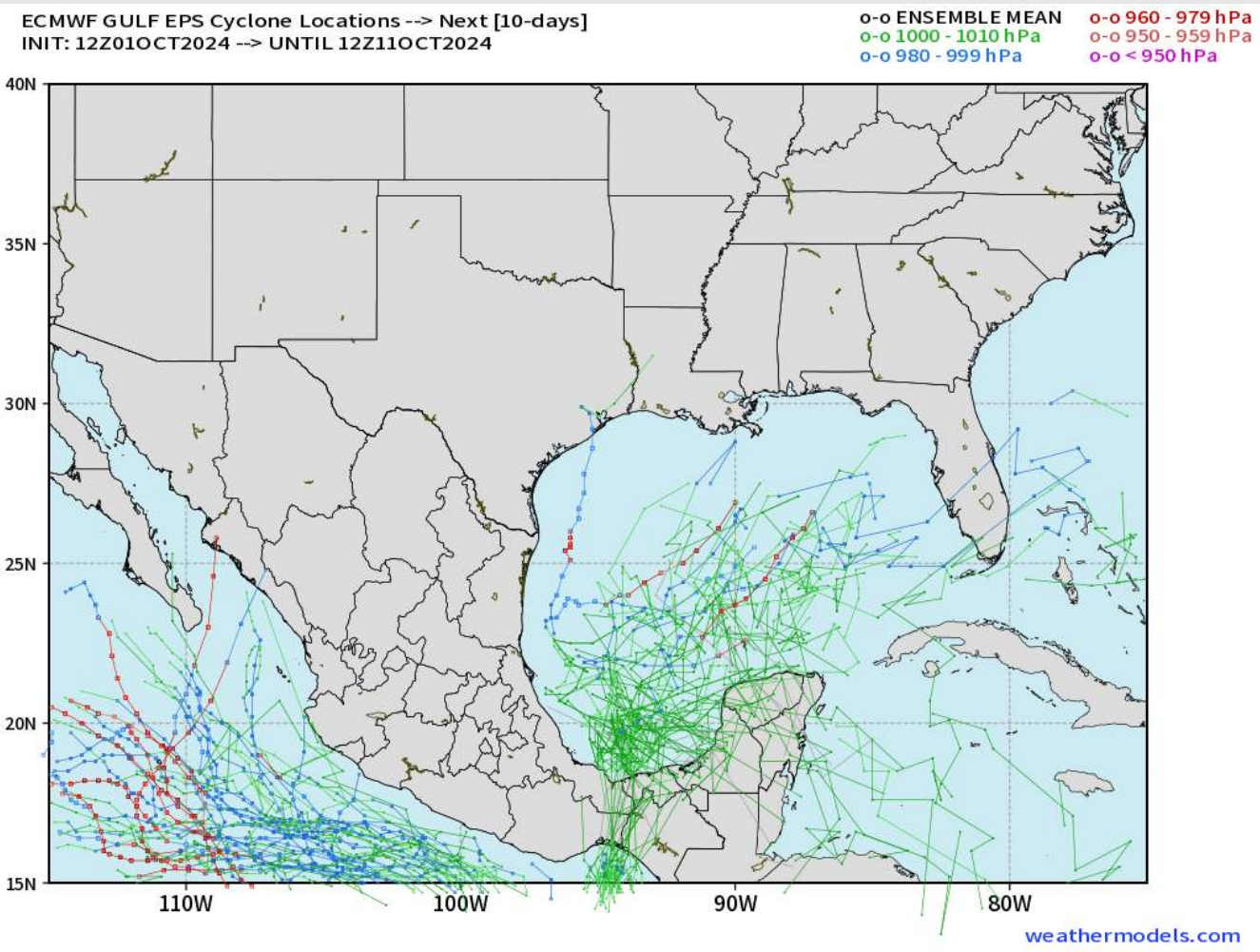
Current Radar: 10:15 PM CT



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

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Houston Pilots: WED. 10/2/2024



Forecast Discussion

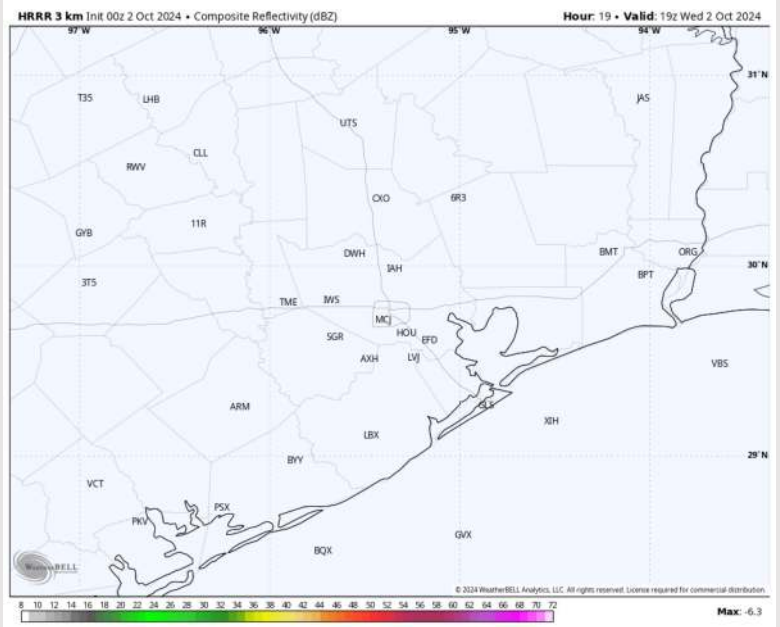
Precip: Favoring dry conditions for today.

Wind: Winds will be out of the ENE through 4 PM, shifting out of the E /ESE after that time and through the rest of 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 9 – 14 kts for the entire day. **Gusts near the Boarding Station will reach up to 20 - 25 kts from 8 AM – 2 PM.**

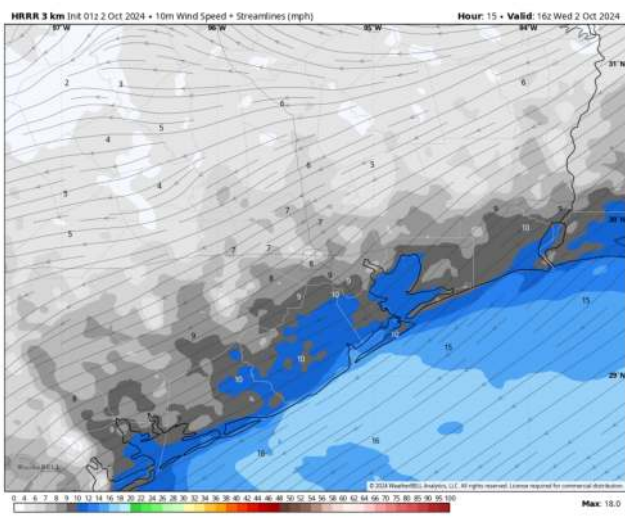
High Temps: **N of Morgan's Point:** Lower 90s F. **S of Morgan's Point:** Mid 80s F.

Visibility: Not favoring any fog concerns for today.

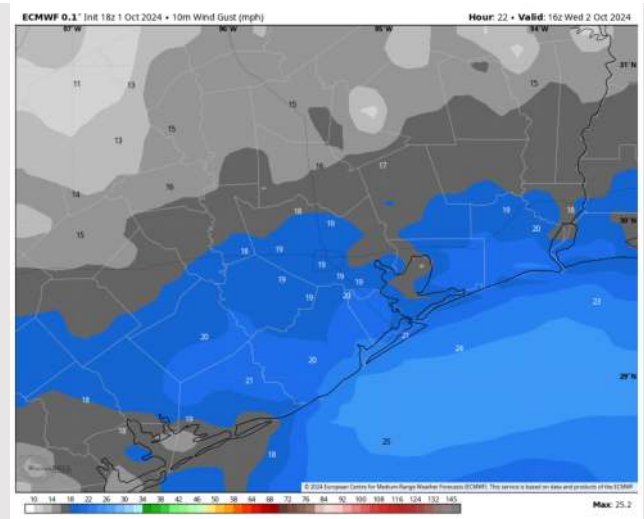
Precip Image: 2 PM CT



Wind Speed:
11 AM CT



Wind Gusts
11 AM CT



Forecast Discussion

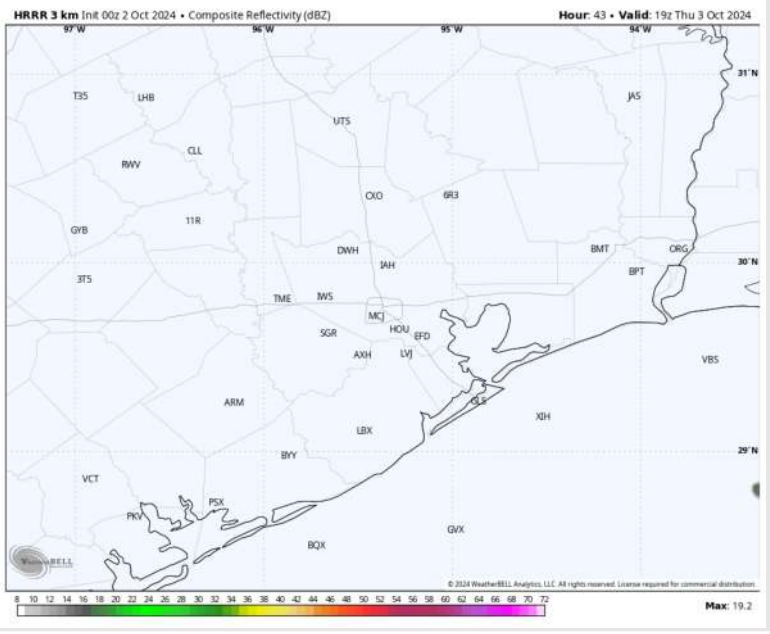
Precip: Favoring dry conditions for Thursday.

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.

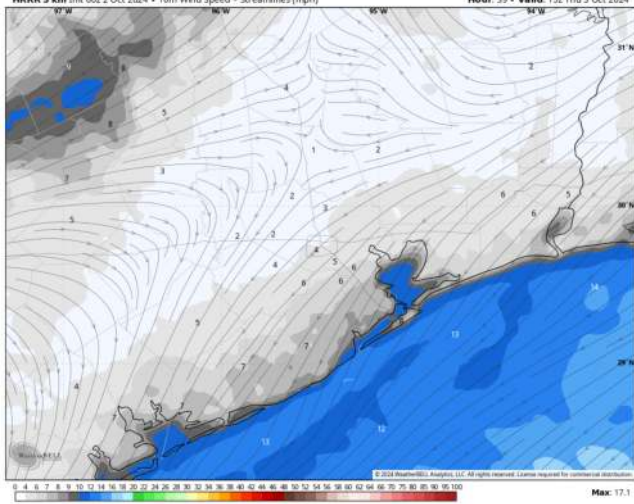
High Temps: **N of Morgan's Point:** Low 90's F. **S of Morgan's Point:** Mid to upper 80s F

Visibility: Not anticipating any visibility concerns for Thursday.

Precip Image: 2 PM CT

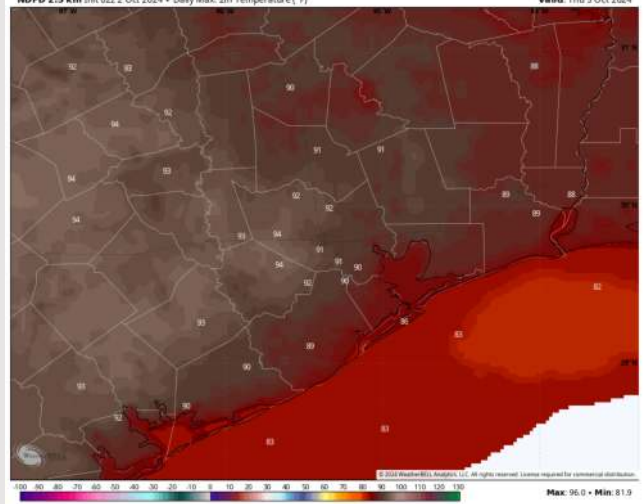


HRRR 3 km Init 00z 2 Oct 2024 • 10m Wind Speed • Streamlines (mph) Hour: 39 • Valid: 15z Thu 3 Oct 2024



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

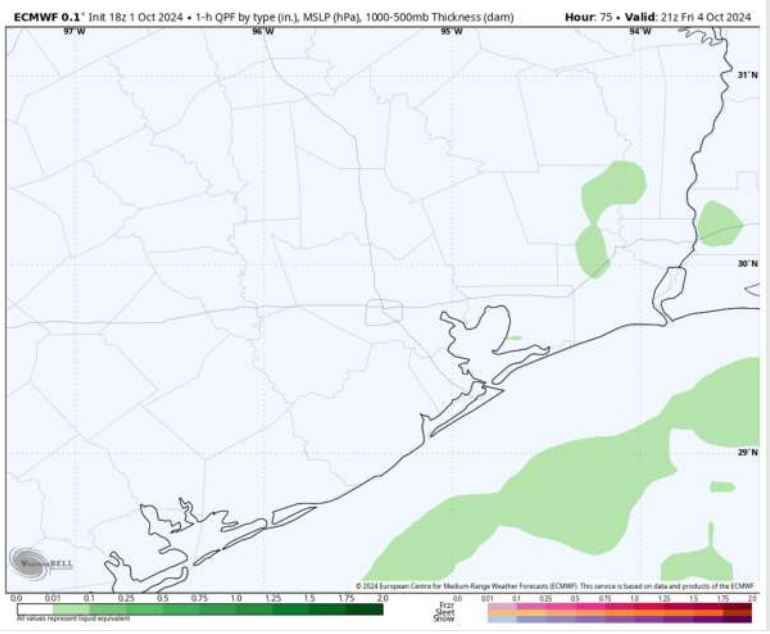
Precip: Favoring a few isolated showers (20%) to work northwestward from 3PM – 9PM, impacting stations S of Morgan’s Point for Friday.

Wind: Confidence remains lower than normal in regard to intensity of sustained winds. 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 5 – 10 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 around from 7AM – 5PM.**

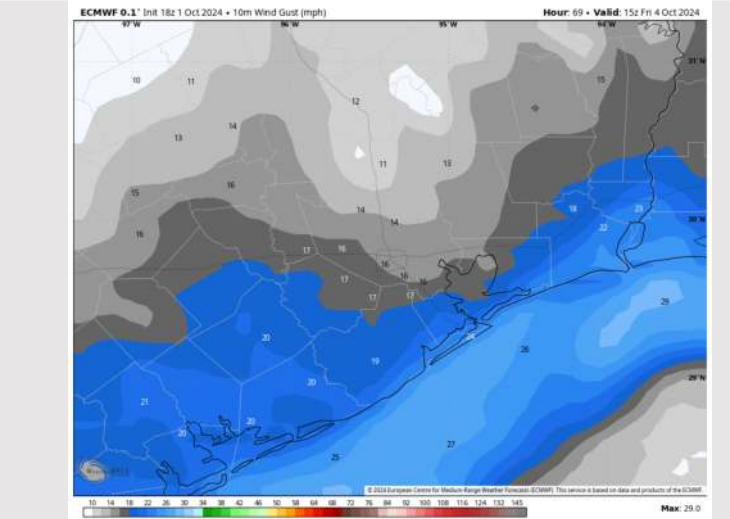
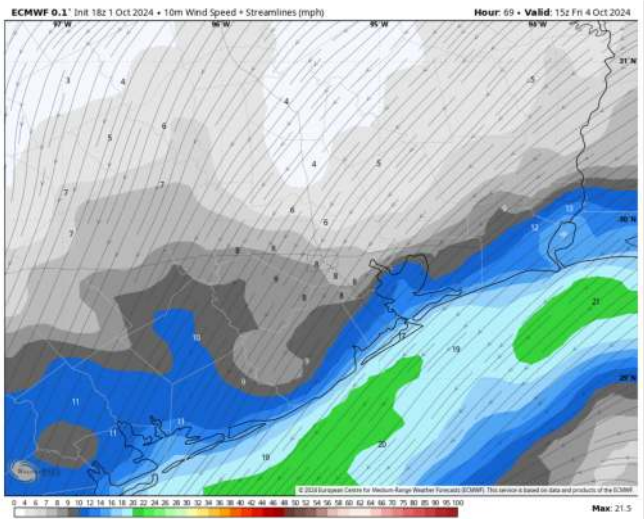
High Temps: **N of Morgan’s Point:** Low 90’s F. **S of Morgan’s Point:** Upper 80s F.

Visibility: Not anticipating any visibility concerns for Friday.

Precip Image: 2 PM CT



Wind Speed
10 AM CT

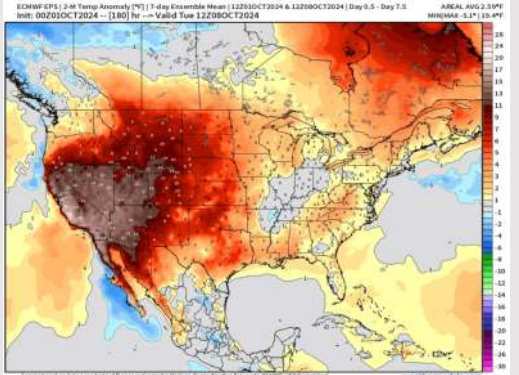


Wind Gusts
10 AM CT

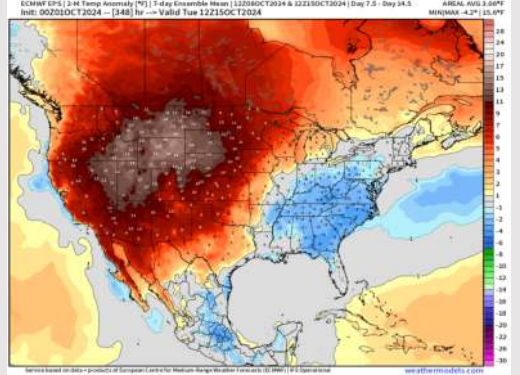
Houston Pilots: 10/2/24



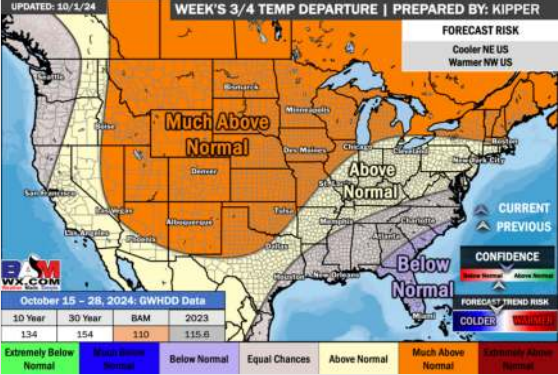
Next 7 Day Temperature Departure



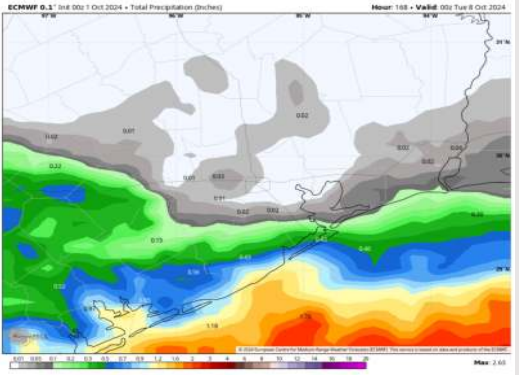
8-14 Day Temperature Departure



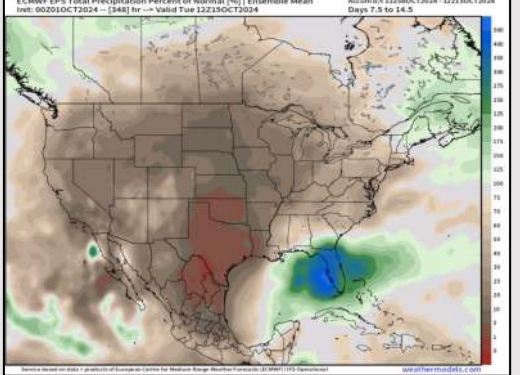
15-30 Day Temperature Departure



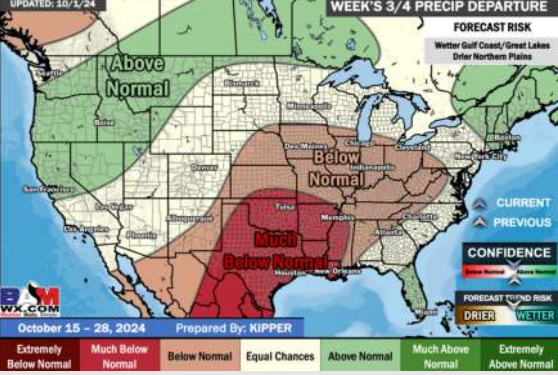
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- 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.
- Slightly above 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 3/4 timeframe.