

Houston Pilots Forecast Package



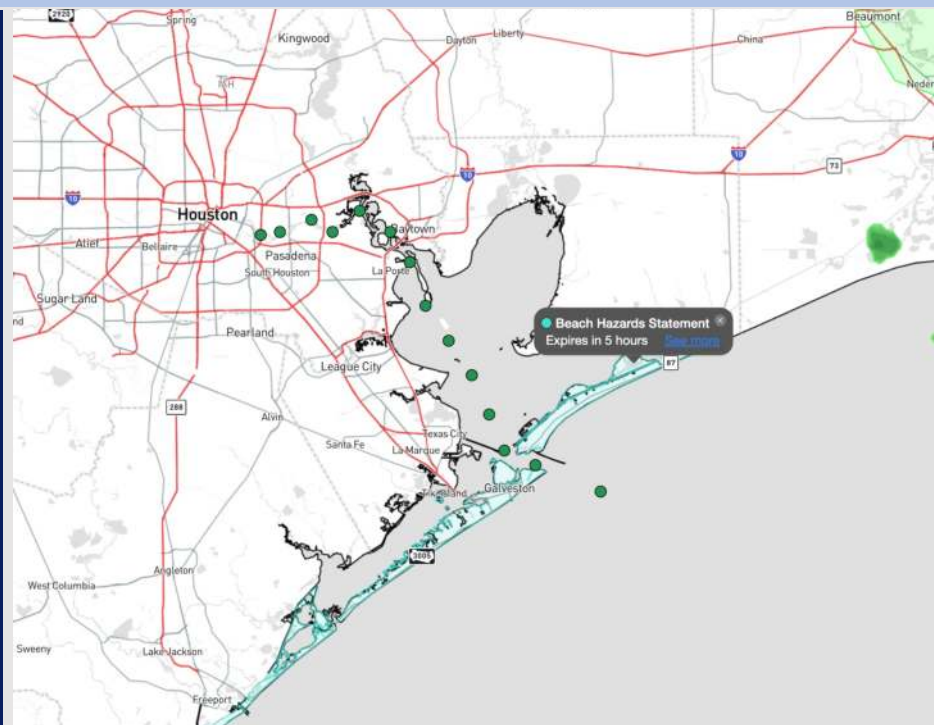
Updated: 1:00 AM CT

Wednesday, November 6, 2024

Forecaster: John Kemper

Weather Headlines

- Winds will gradually increase above 15 kts for stations S of Morgan's Point as we get into Friday.
- Isolated to scattered showers will return to the forecast Thursday.
- **Monitoring Hurricane Rafael in the Caribbean! See slides below for more info!**



Current Radar: 12:50 AM CT



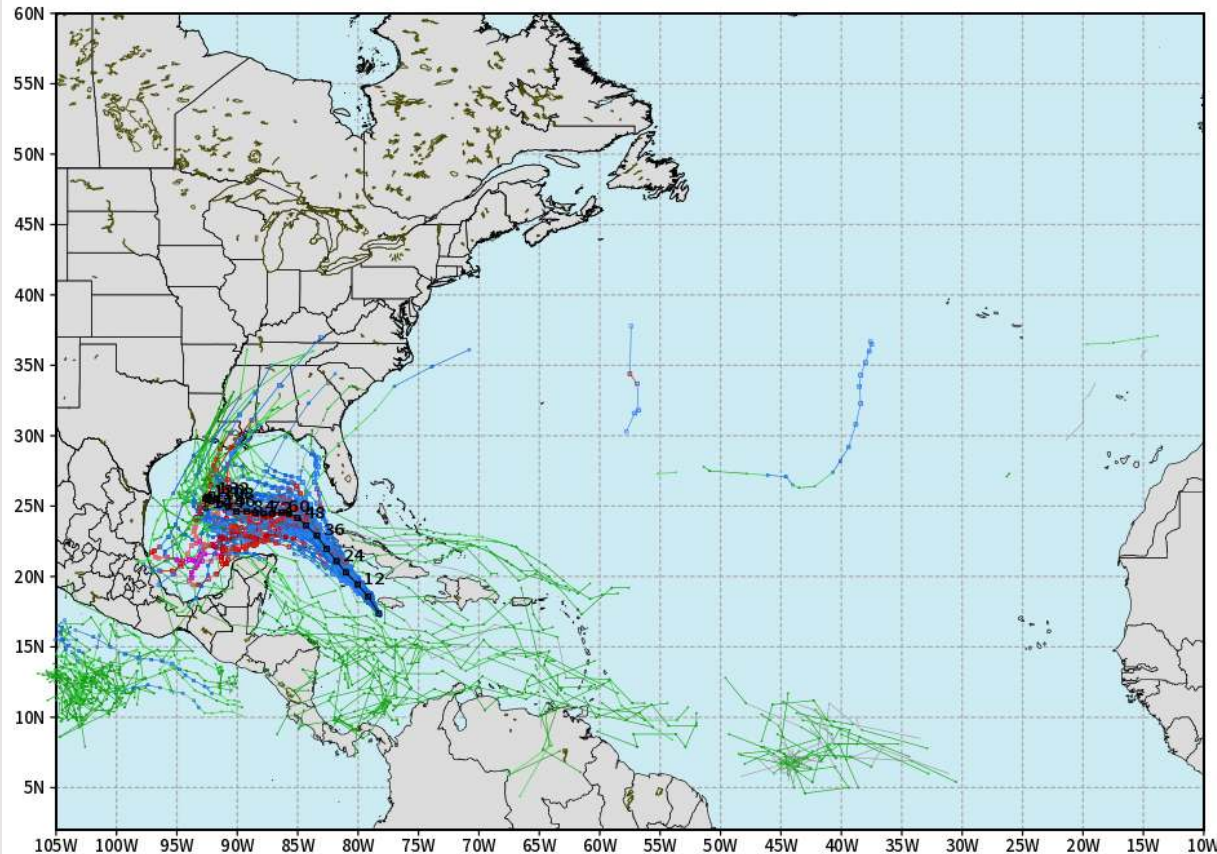
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Tropical Tracks - Next 10 Days

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z05NOV2024 --> UNTIL 12Z15NOV2024

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

Hurricane Rafael will continue to intensify before directly impacting the Republic of Cuba.

As the Hurricane moves into the Gulf of Mexico, we are expecting Rafael to weaken back into a Tropical storm before turning northward towards Louisiana / SE Texas on Friday/Saturday.

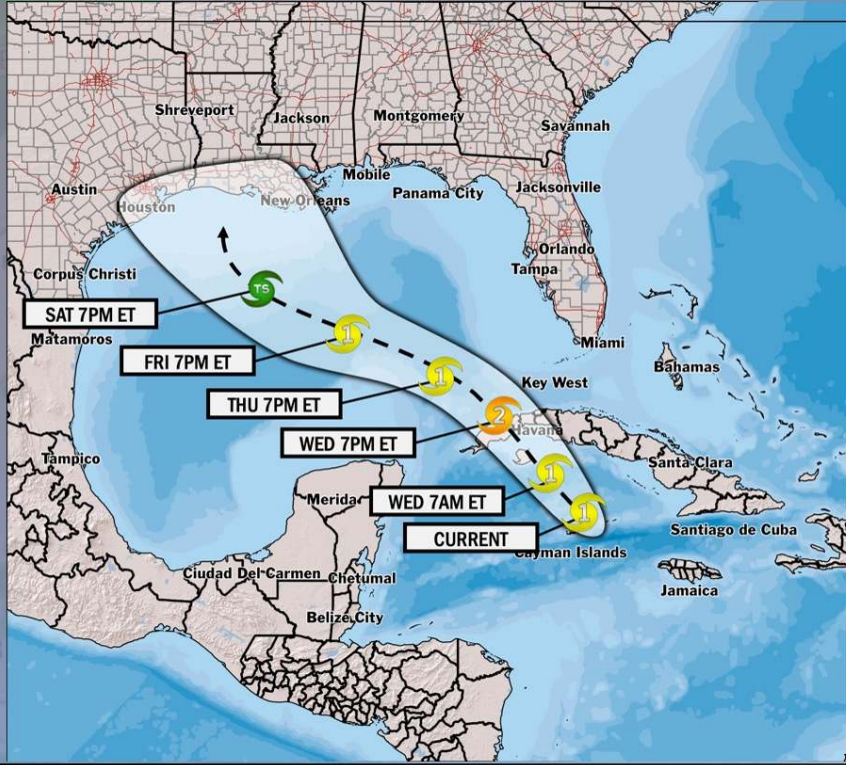
Confidence still remains low on exact track / landfall. However, at the very LEAST, an increase in winds, wave heights, and heavy rain will be favored.

Houston Pilots Tropical Update



CLARITY Hurricane Rafael Update

TROPICAL INSIGHT 9:20 PM CT Tuesday, November 5, 2024 Forecaster: Kemper



TIMING: TUE 11/5 – SAT 11/9

FORECAST NOTES:

- ✓ Rafael is expected to remain a Hurricane in the Gulf of Mexico after making landfall in the Republic of Cuba.
- ✓ While confidence remains low on where landfall will occur, we are looking at US impacts from ~11/9 – 11/11 as a Tropical Storm.

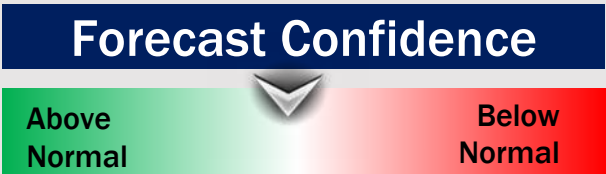


Houston Pilots Extended Range Visibility Report



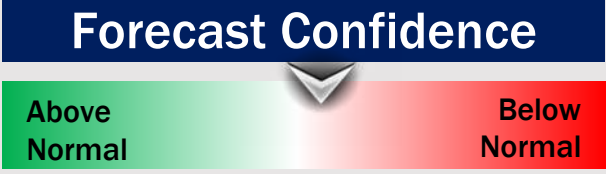
Saturday 11/9/24

Fog not favored for SAT.



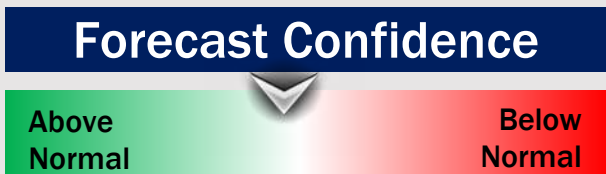
Sunday 11/10/24

Fog not favored for SUN.



Monday 11/11/24

Fog not favored for MON.



Chance for Fog

Saturday AM	Unlikely
Saturday PM	Unlikely
Sunday AM	Unlikely
Sunday PM	Unlikely
Monday AM	Unlikely
Monday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	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	Wed 11 pm	Thu 12 am	
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	7.9	6.9	
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	7.9	6.9
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	7.9	6.9
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	7.9	6.9
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	7.9	6.9
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	7.9	6.9
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	7.9	6.9
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	7.9	8
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	7.9	8
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	7.9	8
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	7.9	8
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	9	7.9	8
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	9	7.9	8
Houston Pilots A - 1 & 2 Bravo	10	10	10	10	10	10	10	10	9	10	10	10	10	10	10	10	10	10	10	10	10	9	6.9	8	

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

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides. This data should be used as a guide only.

Forecast Discussion

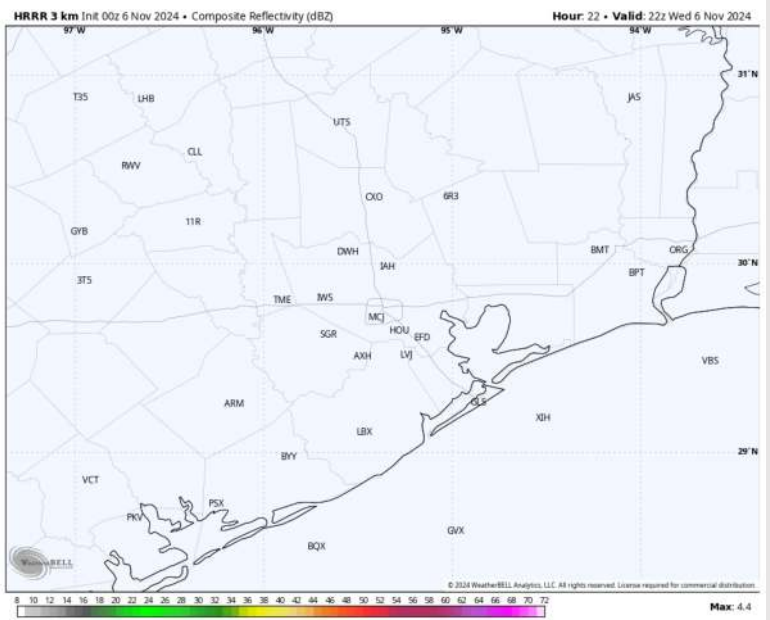
Precip: Favoring dry conditions for today across the area.

Wind: Winds will be out of the N/NNE through 3 PM, rotating clockwise out of E/ESE after that time and remaining there for the rest of the day. **N of Morgan's Point:** Winds will be at 3-8 kts throughout the day. **S of Morgan's Point:** Winds will be at 6 - 11 kts through 11AM before weakening to 4 - 9 kts for the remainder of the day.

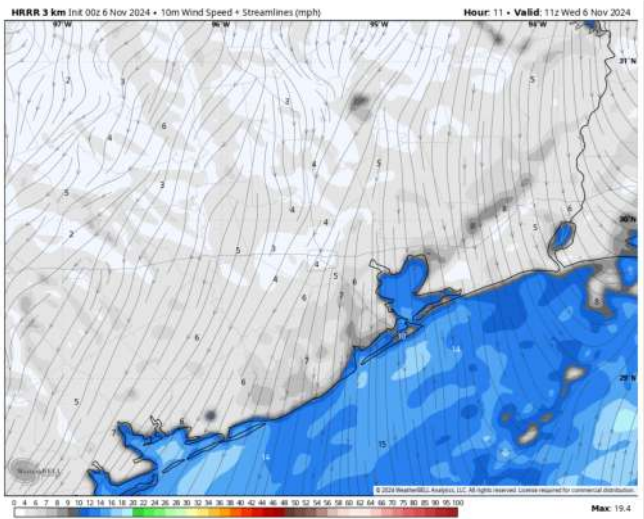
High Temps: **N of Morgan's Point:** Upper 70s to low 80s F. **S of Morgan's Point:** Mid to upper 70s F.

Visibility: No fog concerns for any stations today.

Precip Image: 4 PM CT

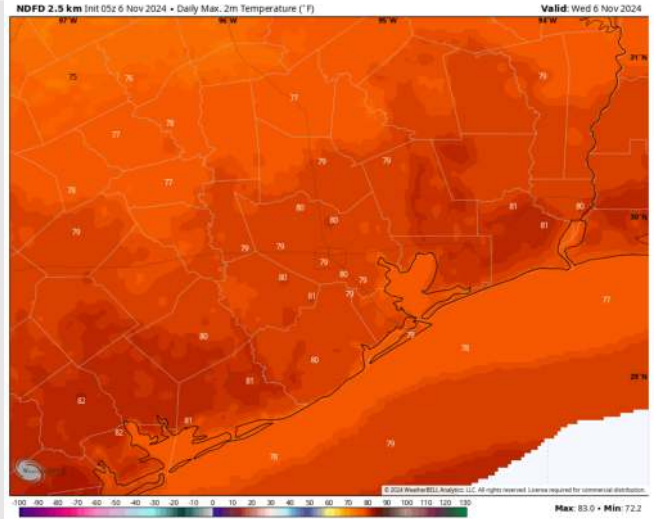


Wind Speed 5 AM CT



Wind Speed
5 AM CT

High Temps Today



High Temps
Today

Houston Pilots: THU. 11/7/2024



Forecast Discussion

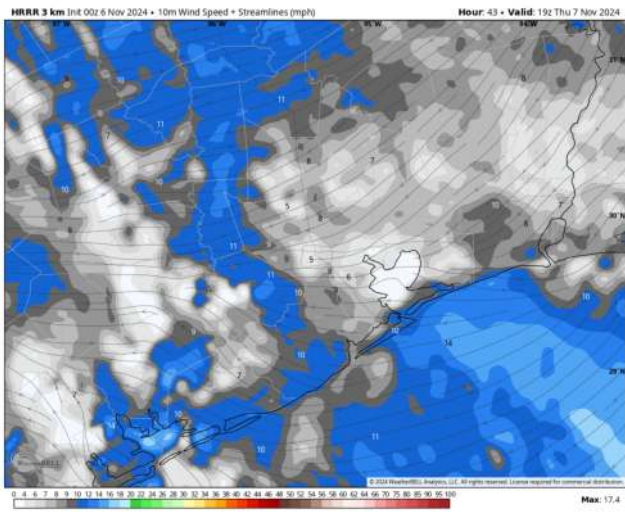
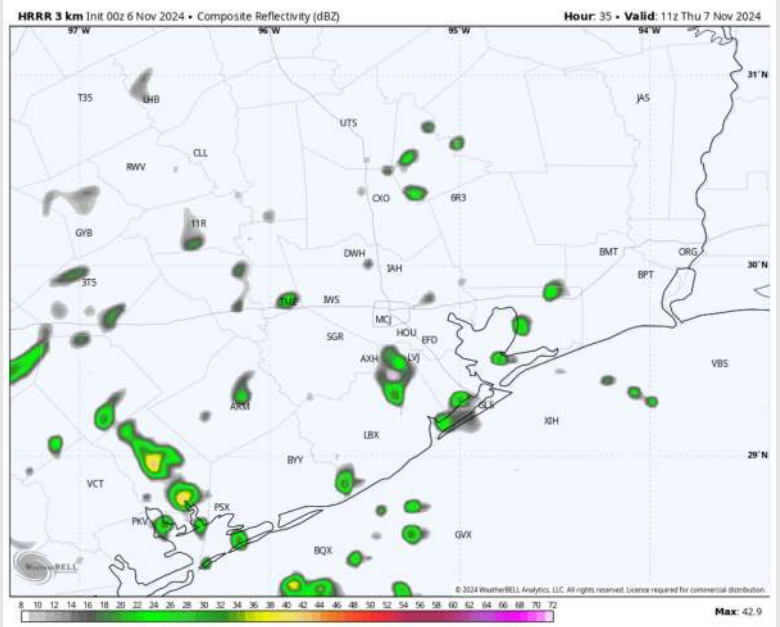
Precip: Isolated showers/downpours (20%) will be possible for all stations from 3AM – 3PM on Thursday.

Wind: Winds will be out of the E - ESE throughout Thursday.
N of Morgan's Point: Winds will be at 6 – 10 kts throughout Thursday.
S of Morgan's Point: Winds will be 10 – 15 kts for the entire day.

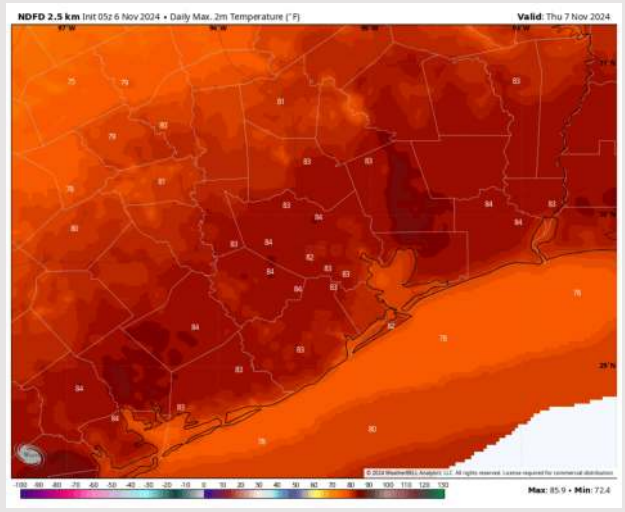
High Temps: **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Upper 70s F.

Visibility: No fog concerns for stations for Thursday.

Precip Image: 5 AM CT



Wind Speed:
1 PM CT



High Temps
Thursday

Houston Pilots: FRI. 11/8/2024



Forecast Discussion

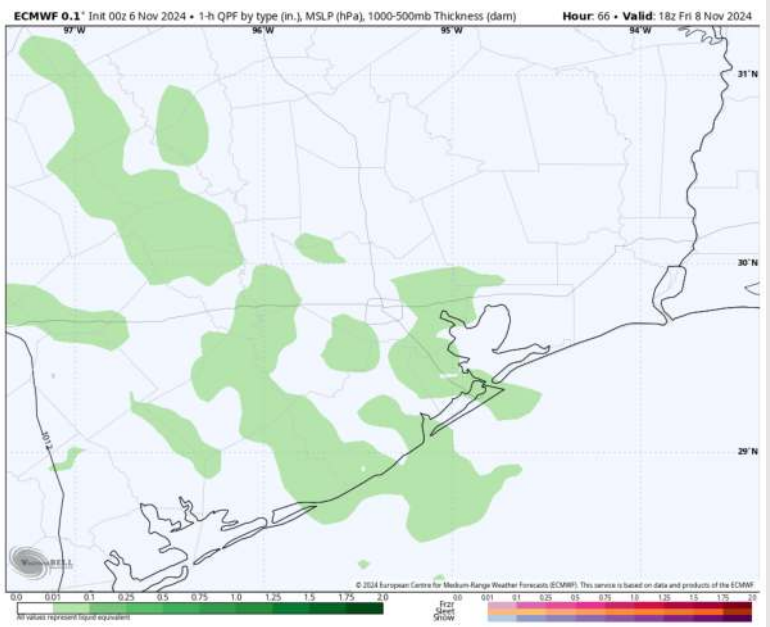
Precip: A few localized, brief showers (20%) will be possible from 10AM – 4PM on Friday.

Wind: Winds will remain out of the East for Friday. **N of Morgan's Point:** Winds at 8 – 13 kts for the entire day. **S of Morgan's Point:** Winds at 6 - 11 kts through 11AM before increasing to 14 – 19 kts, remaining there for the rest of Friday. **Favoring a few gusts of 15 – 20 kts to be possible 11AM - 5 PM for the Boarding Station and 11/12 Station.**

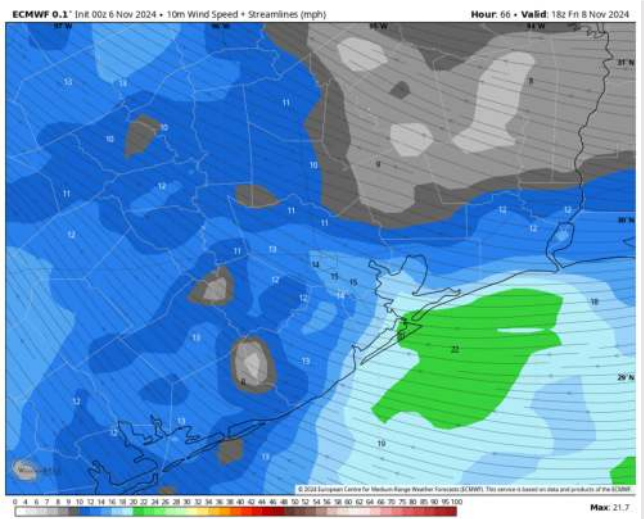
High Temps: **N of Morgan's Point:** Near 80 F. **S of Morgan's Point:** Upper 80s F

Visibility: Not anticipating any fog concerns for Friday.

Precip Image: 12 PM CT

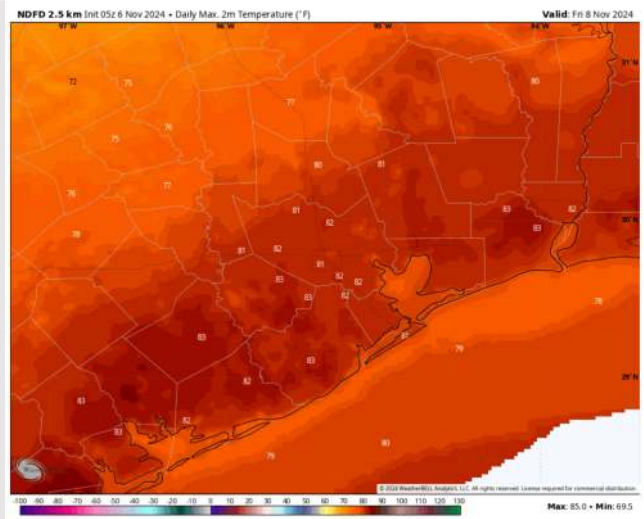


Wind Speed: 12 PM CT



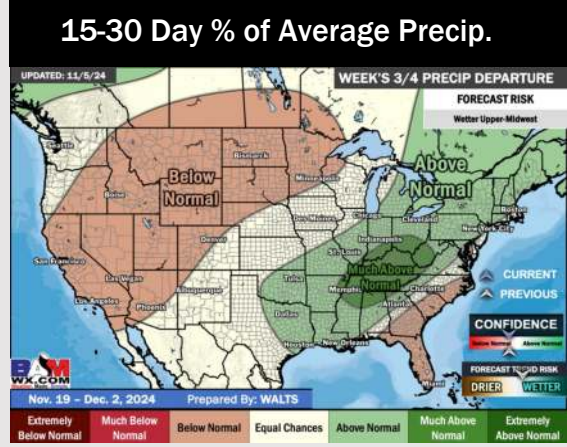
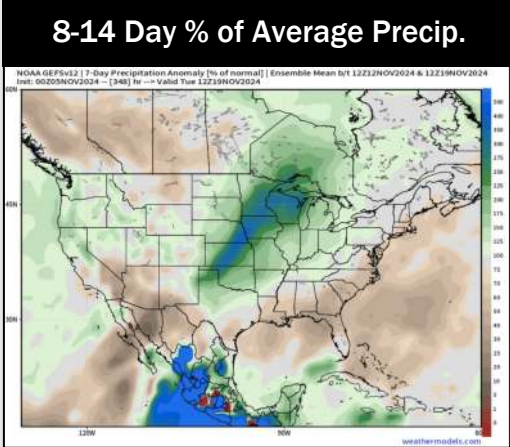
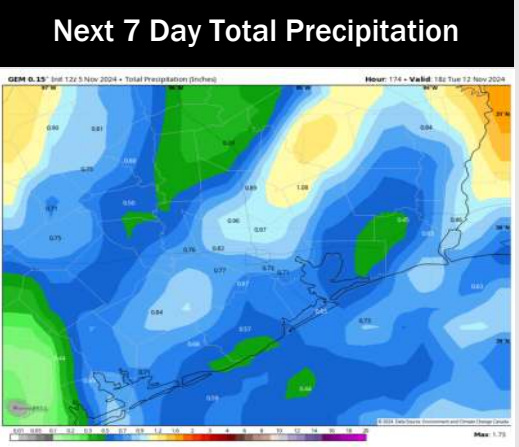
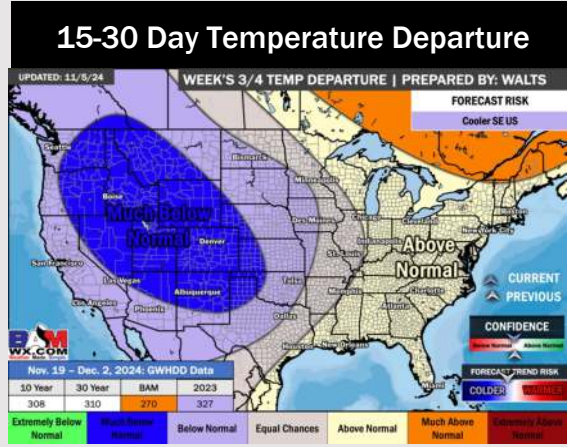
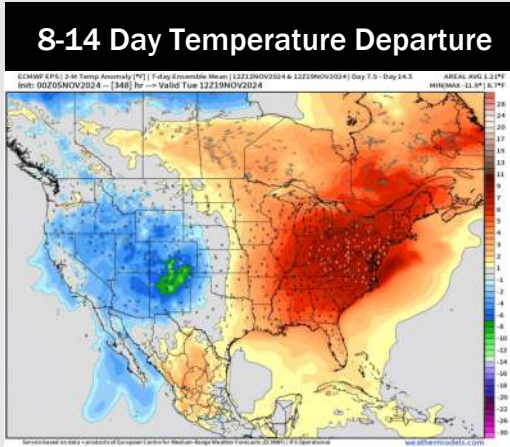
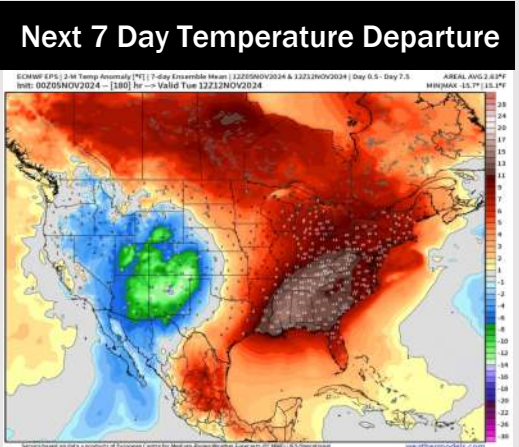
Wind Speed:
12 PM CT

High Temps Friday



High Temps
Friday

Houston Pilots: 11/6/24



- Temps are expected to be above normal for the week 1 timeframe. Favoring scattered rain chances to continue for the week 1 period.
- Above normal temperatures are favored for week 2. Favoring precipitation to be right around normal depending on the track of the upcoming tropical system.
- Near normal temperatures and above normal precipitation chances are expected for the weeks ¾ timeframe.