

Houston Pilots Forecast Package



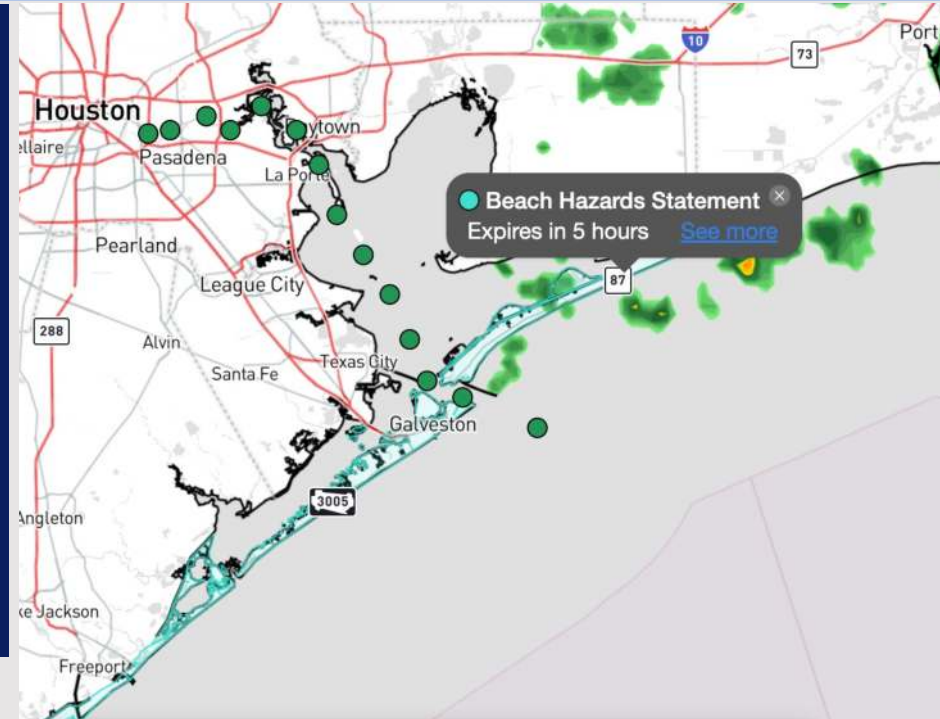
Updated: 1:05 PM CT

Sunday, November 10, 2024

Forecaster: Hope Kleitsch

Weather Headlines

- Wave heights of 3' – 4' will linger into MON but will gradually decrease throughout the day. See wave height slide below!
- Fog concerns are in the picture for MON AM. See fog slide below.
- Rain chances will clear out by 3PM today, with dry conditions favored for the next few days.

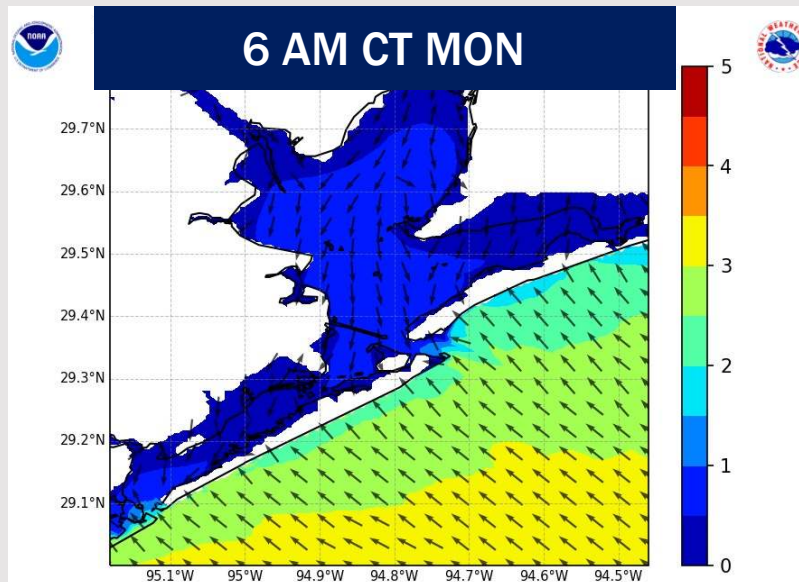
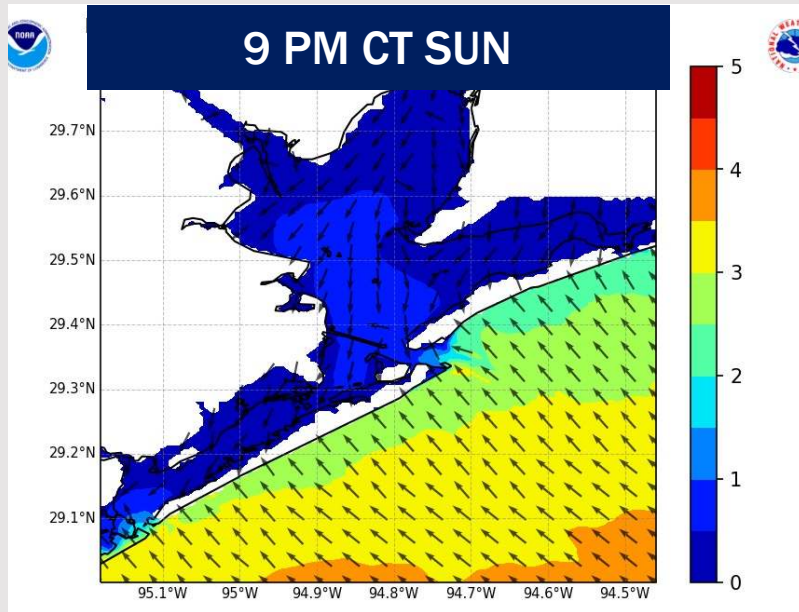


Current Radar: 1:05 PM CT



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.

Wave Height Forecast Update



Favoring wave heights to gradually decrease through the rest of the day.

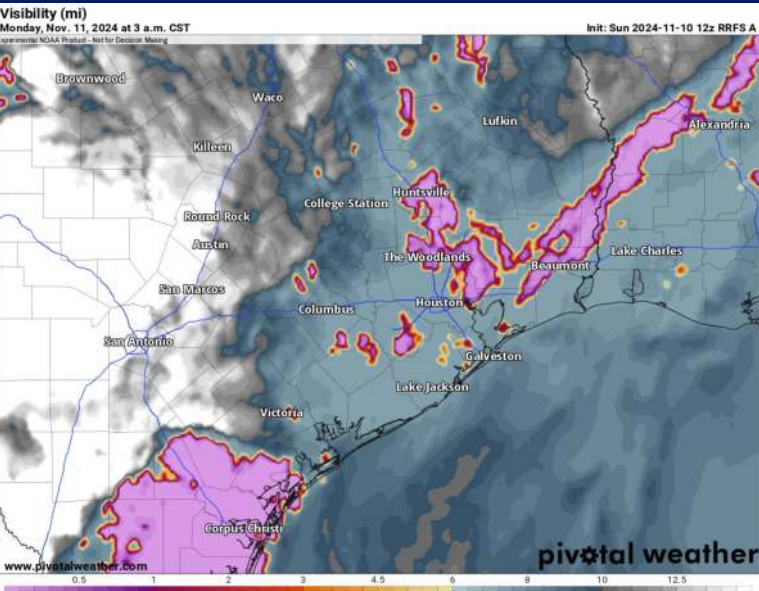
Wave heights of 3' – 4' are expected to linger through ~12 PM MON before dropping below 3'.

Wave heights of 2' – 3' will continue throughout MON.

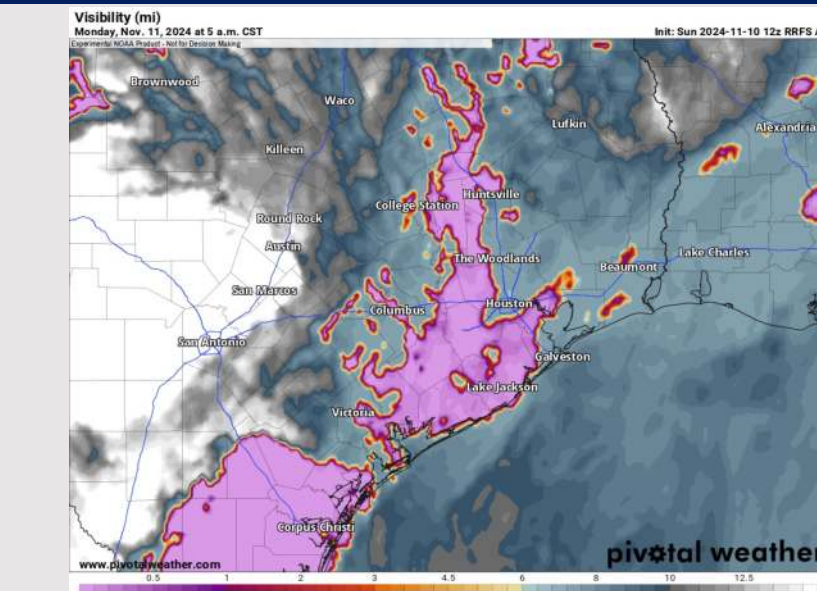
Houston Pilots Visibility Report



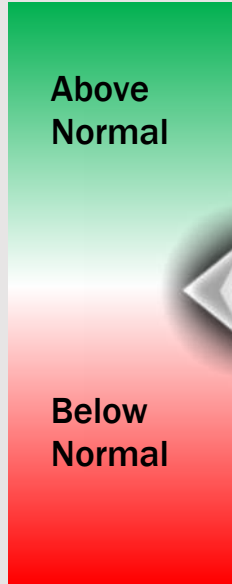
3 AM CDT MON VISIBILITY



5 AM CDT MON VISIBILITY



Confidence



TIMEFRAME DISCUSSED	THREAT
2 AM – 8 AM MON	Low-End

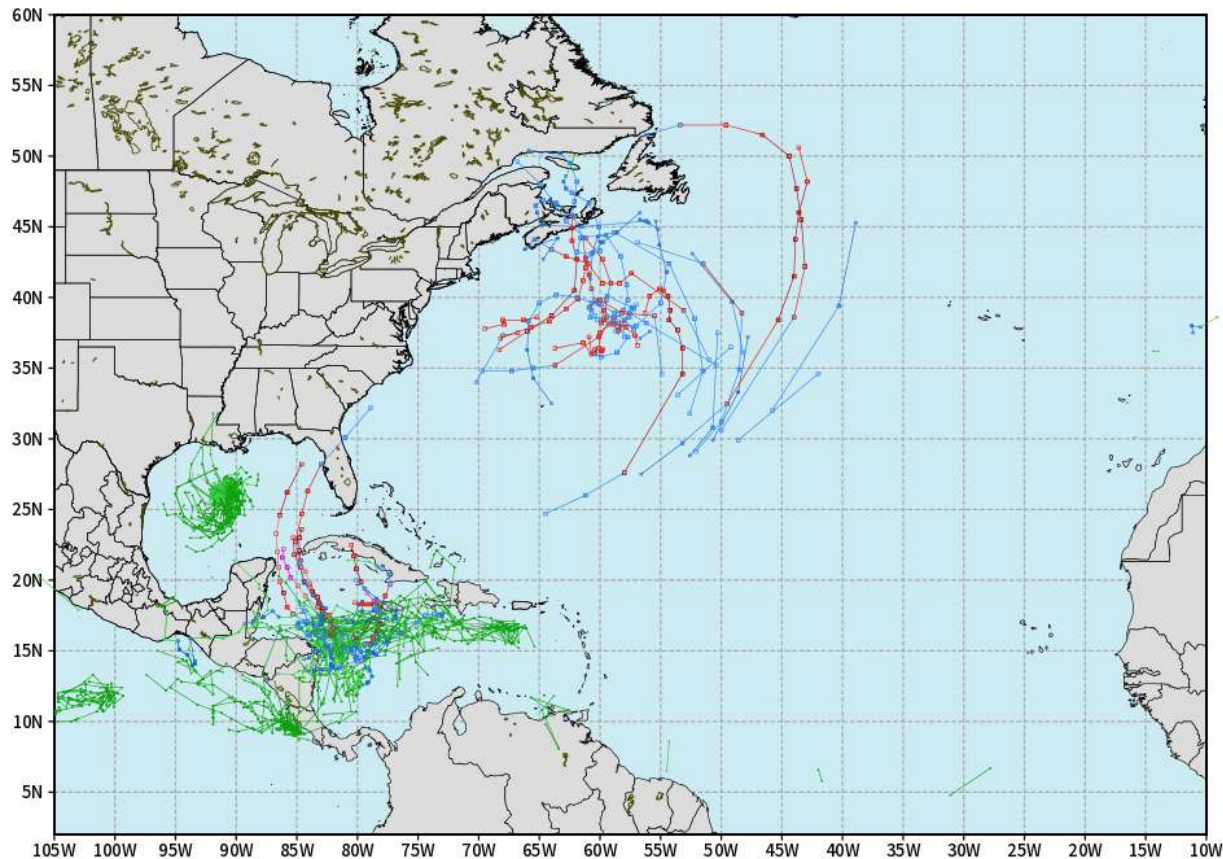
- Expecting scattered fog MON AM from 2AM – 8AM, with the greatest potential from 5AM – 7AM.
- Anticipating visibility to be reduced to 2 – 4 miles in a patchy fashion for stations N. of Morgan’s Point. **Localized instances of visibility dropping at 1 mile or less cannot be ruled out.**
- Isolated visibilities of 2 – 4 miles can be possible for Stations S. of Morgan’s Point, excluding the Boarding Station.
- Expecting fog to clear out by ~8 AM.

Houston Pilots Tropical Update

Various Hurricane Tracks - Rafael

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z10NOV2024 --> UNTIL 00Z20NOV2024

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 Rafael continues to push SW in the Gulf of Mexico.

As Rafael moves further into the Gulf of Mexico, we are expecting Rafael to continue to weaken turning southwestward towards Mexico.

Confidence remains in the SW/S track and impacts for Houston are not favored.

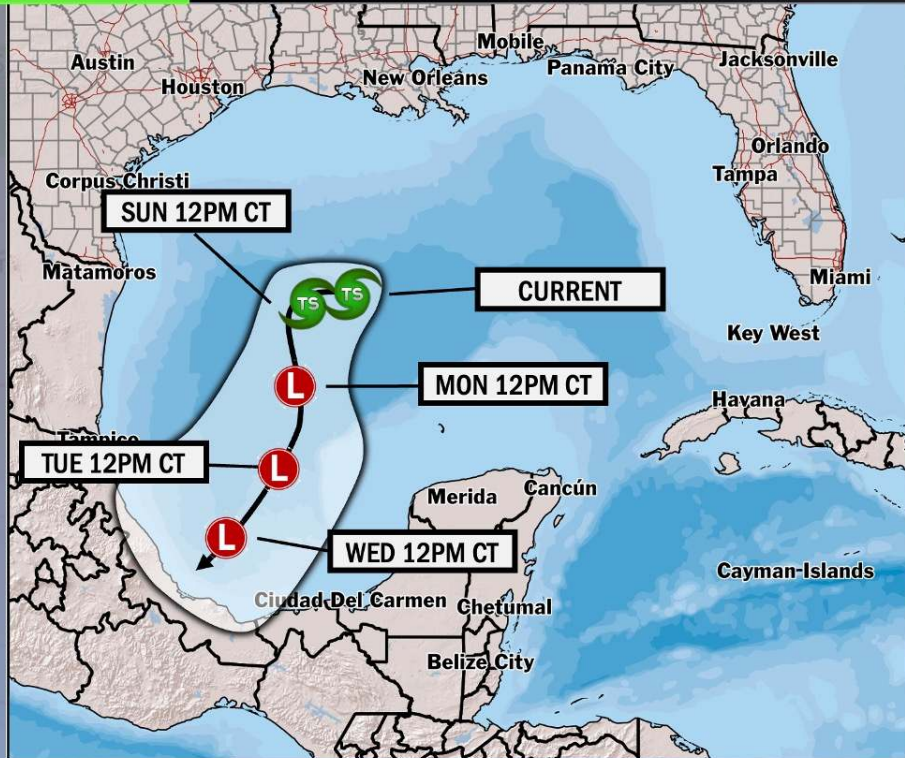
More information on the next slide.

Houston Pilots Tropical Update



Tropical Storm Rafael Update

TROPICAL INSIGHT 10:15 PM CT Saturday, November 9, 2024 Forecaster: Lowry



TIMING: SUN 11/10 – WED 11/13

FORECAST NOTES:

- ✓ Rafael is favored to continue as a Tropical Storm through the Gulf, with further weakening expected into next week.
- ✓ Direct US impacts are not favored. Rough Seas along the W Gulf Coast can be expected into next week

Houston Pilots Extended Range Visibility Report



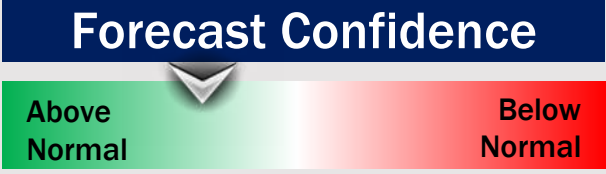
Wednesday 11/13/24

Fog not favored for WED.



Thursday 11/14/24

Fog not favored for THU.



Friday 11/15/24

Fog not favored for FRI.



Chance for Fog

Wednesday AM	Unlikely
Wednesday PM	Unlikely
Thursday AM	Unlikely
Thursday PM	Unlikely
Friday AM	Unlikely
Friday PM	Unlikely

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Sun 2 pm	Sun 3 pm	Sun 4 pm	Sun 5 pm	Sun 6 pm	Sun 7 pm	Sun 8 pm	Sun 9 pm	Sun 10 pm	Sun 11 pm	Mon 12 am	Mon 1 am	Mon 2 am	Mon 3 am	Mon 4 am	Mon 5 am	Mon 6 am	Mon 7 am	Mon 8 am	Mon 9 am	Mon 10 am	Mon 11 am	Mon 12 pm	Mon 1 pm
Houston Pilots N - 610 Bridge	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	4.9	3.9	3.9	3.9	2.9	3.9	2.9	4.9	7.9	10	10	10
Houston Pilots M - Kinder 1	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	4.9	3.9	3.9	3.9	2.9	3.9	2.9	4.9	7.9	10	10	10
Houston Pilots L - Greens Bayou	10	10	10	10	10	10	10	10	9	7.9	6.9	4.9	4.9	3.9	3.9	2.9	2	2.9	2.5	3.9	7.9	10	10	10
Houston Pilots K - Shell Crude	10	10	10	10	10	10	10	10	9	7.9	6.9	4.9	4.9	3.9	3.9	2.9	2	2.9	2.5	3.9	7.9	10	10	10
Houston Pilots J - Lynchburg Ferries	10	10	10	10	10	10	10	10	10	7.9	6.9	4.9	4.9	3.9	3.9	2.9	2	2.9	2.5	3.9	7.9	10	10	10
Houston Pilots I - Exxon 3	10	10	10	10	10	10	10	10	9	7.9	6.9	4.9	4.9	3.9	3.9	2.9	2	2.9	2.5	3.9	7.9	10	10	10
Houston Pilots H - Morgans Point	10	10	10	10	10	10	10	10	9	7.9	6.9	5.9	4.9	3.9	3.9	2.9	2.5	2.9	2.5	3.9	7.9	10	10	10
Houston Pilots G - 75/76	10	10	10	10	10	10	10	10	10	9	10	9	6.9	5.9	4.9	4.9	4.9	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	9	10	9	6.9	6.9	4.9	5.9	5.9	6.9	4.9	4.9	6.9	10	10	10
Houston Pilots E - 51/52	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	5.9	6.9	6.9	5.9	5.9	7.9	10	10	10
Houston Pilots D - 37/38	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	5.9	6.9	6.9	8	5.9	5.9	7.9	10	10	10
Houston Pilots C - 25/26	10	10	10	10	10	10	10	10	10	10	10	10	7.9	6.9	6.9	6.9	6.9	8	6.9	6.9	9	10	10	10
Houston Pilots B - 11/12	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	6.9	6.9	6.9	8	6.9	6.9	9	10	10	10
Houston Pilots A - 1 & 2 Bravo	10	10	10	10	10	10	10	10	10	10	10	10	9	7.9	6.9	6.9	6.9	9	6.9	6.9	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

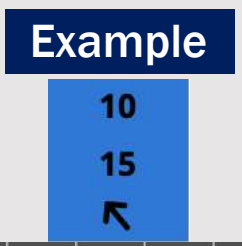
Houston Pilots Wind Chart



Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE



Wind	Sun 2 pm	Sun 3 pm	Sun 4 pm	Sun 5 pm	Sun 6 pm	Sun 7 pm	Sun 8 pm	Sun 9 pm	Sun 10 pm	Sun 11 pm	Mon 12 am	Mon 1 am	Mon 2 am	Mon 3 am	Mon 4 am	Mon 5 am	Mon 6 am	Mon 7 am	Mon 8 am	Mon 9 am	Mon 10 am	Mon 11 am	Mon 12 pm	Mon 1 pm	
Houston Pilots N - 610 Bridge	6 13 ↓	6 13 ↓	6 14 ↓	6 13 ↓	6 12 ↓	6 10 ↓	5 10 ↓	3 9 ↓	3 8 ↓	3 8 ↓	3 9 ↓	3 8 ↓	3 8 ↓	3 9 ↓	3 9 ↓	3 9 ↓	5 9 ↓	5 9 ↓	6 10 ↓	6 10 ↓	6 13 ↓	6 13 ↓	6 14 ↓	7 13 ↓	
Houston Pilots M - Kinder 1	6 13 ↓	6 14 ↓	7 14 ↓	6 13 ↓	6 12 ↓	6 10 ↓	5 9 ↓	3 9 ↓	3 8 ↓	3 8 ↓	3 9 ↓	3 8 ↓	3 8 ↓	3 9 ↓	3 9 ↓	5 9 ↓	5 9 ↓	5 9 ↓	6 10 ↓	6 10 ↓	6 13 ↓	6 13 ↓	7 14 ↓	7 14 ↓	
Houston Pilots L - Greens Bayou	7 13 ↓	7 14 ↓	7 14 ↓	6 13 ↓	6 12 ↓	6 10 ↓	5 9 ↓	3 9 ↓	3 8 ↓	3 8 ↓	3 9 ↓	3 8 ↓	3 8 ↓	3 9 ↓	5 9 ↓	5 9 ↓	5 9 ↓	5 10 ↓	6 10 ↓	6 10 ↓	6 13 ↓	6 13 ↓	6 14 ↓	7 14 ↓	
Houston Pilots K - Shell Crude	7 13 ↓	7 14 ↓	7 14 ↓	6 13 ↓	6 12 ↓	5 10 ↓	5 9 ↓	3 9 ↓	3 8 ↓	3 8 ↓	3 9 ↓	3 8 ↓	3 8 ↓	3 9 ↓	5 9 ↓	5 9 ↓	5 9 ↓	5 10 ↓	6 10 ↓	6 12 ↓	6 13 ↓	6 13 ↓	7 14 ↓	7 14 ↓	
Houston Pilots J - Lynchburg Ferries	6 13 ↓	7 13 ↓	7 14 ↓	6 13 ↓	6 12 ↓	5 10 ↓	3 9 ↓	3 8 ↓	3 8 ↓	3 8 ↓	3 8 ↓	3 8 ↓	3 8 ↓	3 9 ↓	3 9 ↓	3 9 ↓	5 9 ↓	5 10 ↓	5 10 ↓	6 10 ↓	6 13 ↓	6 13 ↓	6 13 ↓	7 13 ↓	
Houston Pilots I - Exxon 3	8 15 ↓	8 15 ↓	9 15 ↓	8 14 ↓	8 13 ↓	7 12 ↓	7 12 ↓	7 10 ↓	7 10 ↓	7 10 ↓	7 9 ↓	7 9 ↓	7 10 ↓	8 10 ↓	8 10 ↓	8 12 ↓	8 12 ↓	8 12 ↓	8 13 ↓	8 13 ↓	8 14 ↓	8 14 ↓	8 14 ↓	8 15 ↓	9 15 ↓
Houston Pilots H - Morgans Point	8 14 ↓	8 15 ↓	8 15 ↓	8 14 ↓	8 13 ↓	7 12 ↓	7 12 ↓	7 10 ↓	7 10 ↓	7 10 ↓	7 9 ↓	7 9 ↓	7 10 ↓	8 10 ↓	8 10 ↓	8 12 ↓	8 12 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 14 ↓	8 14 ↓	8 15 ↓	8 15 ↓	9 15 ↓
Houston Pilots G - 75/76	8 15 ↓	8 15 ↓	8 15 ↓	8 15 ↓	8 14 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 12 ↓	8 12 ↓	8 12 ↓	9 13 ↓	9 13 ↓	9 14 ↓	10 14 ↓	10 15 ↓	10 15 ↓	10 15 ↓	10 15 ↓	10 15 ↓	9 15 ↓	9 15 ↓	
Houston Pilots F - 63/64	8 15 ↓	8 15 ↓	8 15 ↓	8 15 ↓	8 14 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 12 ↓	8 12 ↓	8 12 ↓	9 13 ↓	9 13 ↓	9 14 ↓	10 14 ↓	10 15 ↓	10 15 ↓	10 15 ↓	10 15 ↓	10 15 ↓	9 15 ↓	9 15 ↓	
Houston Pilots E - 51/52	8 15 ↓	8 15 ↓	8 15 ↓	8 15 ↓	8 14 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 12 ↓	8 12 ↓	8 12 ↓	9 13 ↓	9 14 ↓	9 14 ↓	10 15 ↓	10 15 ↓	10 15 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 16 ↓	9 16 ↓	
Houston Pilots D - 37/38	8 15 ↓	8 15 ↓	8 15 ↓	8 15 ↓	8 14 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 13 ↓	9 13 ↓	9 13 ↓	10 14 ↓	10 15 ↓	10 15 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 15 ↓	
Houston Pilots C - 25/26	9 16 ↓	9 15 ↓	9 15 ↓	8 15 ↓	8 14 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 14 ↓	8 13 ↓	8 13 ↓	8 13 ↓	9 14 ↓	9 14 ↓	10 14 ↓	10 15 ↓	10 15 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 16 ↓	
Houston Pilots B - 11/12	9 16 ↓	9 16 ↓	9 15 ↓	8 15 ↓	8 14 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 14 ↓	8 13 ↓	8 13 ↓	8 13 ↓	8 14 ↓	8 14 ↓	9 15 ↓	9 15 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 16 ↓	10 17 ↓	10 16 ↓	10 16 ↓	10 16 ↓	
Houston Pilots A - 1 & 2 Bravo	10 17 ↓	10 16 ↓	10 15 ↓	9 15 ↓	9 15 ↓	9 14 ↓	9 14 ↓	10 15 ↓	10 15 ↓	10 15 ↓	10 15 ↓	10 15 ↓	10 16 ↓	10 16 ↓	12 17 ↓	12 17 ↓	13 18 ↓	13 18 ↓	13 18 ↓	13 18 ↓	13 18 ↓	13 18 ↓	13 18 ↓	12 17 ↓	

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Houston Pilots: SUN. 11/10/2024



Forecast Discussion

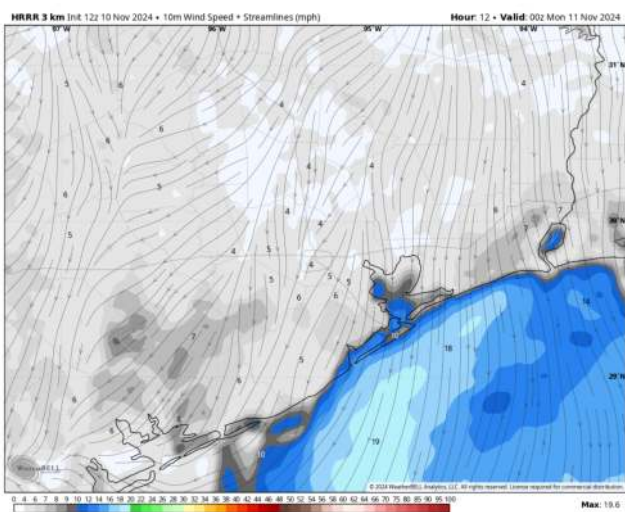
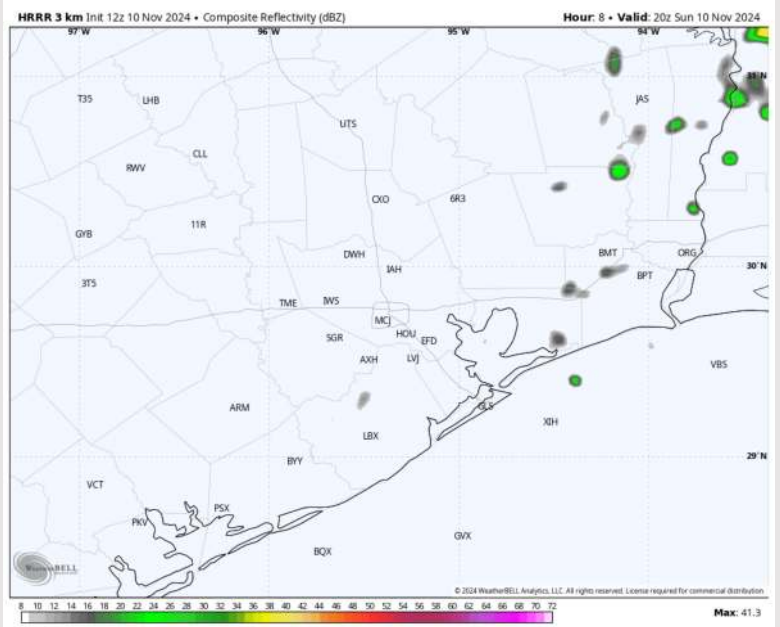
Precip: Isolated (10%) showers will be possible for Stations S. of Morgan's Point through 3 PM before dry conditions follow after that time.

Wind: Winds will be out of the NNE through 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 5 – 10 kts for the rest of the day. Winds are anticipated to be slightly higher at 8 – 13 kts near the Boarding Station.

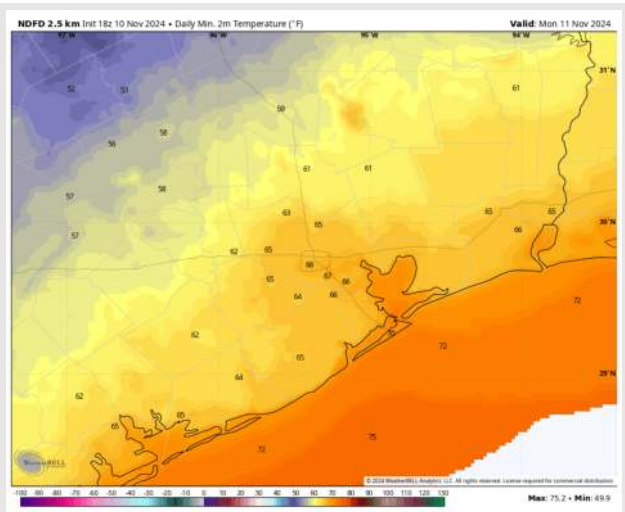
Low Temps: **N of Morgan's Point:** Mid 60s F. **S of Morgan's Point:** Lower 70s F.

Visibility: No fog concerns for today, but favoring fog chances for MON AM.

Precip Image: 2 PM CT



Wind Speed:
6 PM CT



Low Temps
MON AM

Forecast Discussion

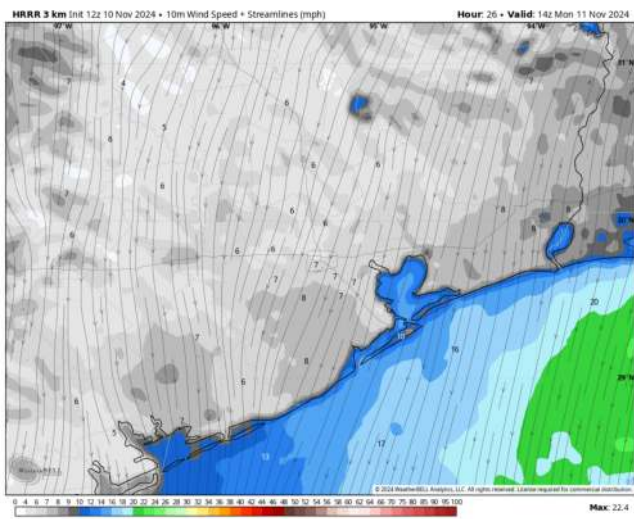
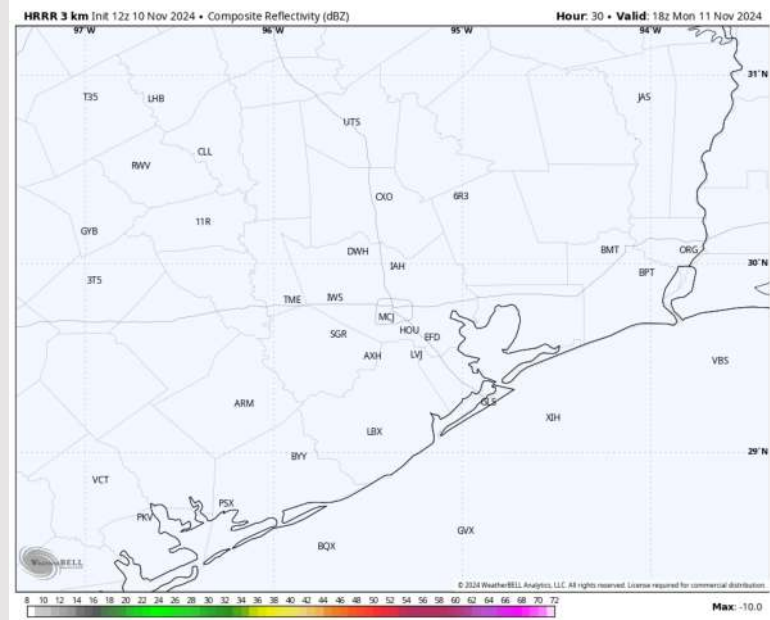
Precip: Favoring dry conditions throughout the day on Monday.

Wind: Winds will be out of the N/NE throughout the day on Monday. **N of Morgan's Point:** Winds at 4 – 8 kts through the day. **S of Morgan's Point:** Winds at 10 - 15 kts through the day on Monday.

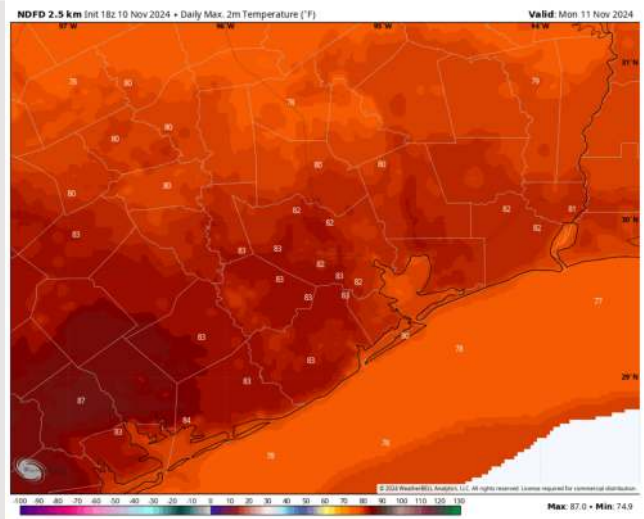
High Temps: **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s F to near 80 F.

Visibility: Favoring fog chances for MON AM. See fog slide above.

Precip Image: 12 PM CT



Wind Speed:
8 AM CT

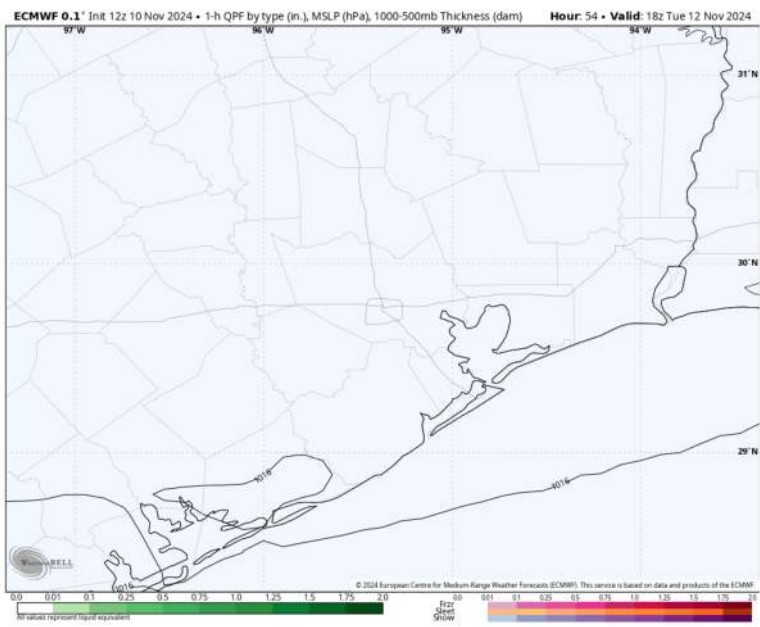


High Temps
Monday

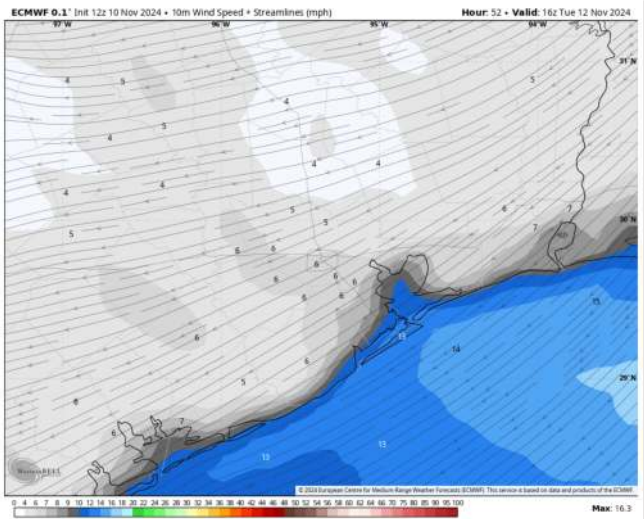
Forecast Discussion

- Precip:** Favoring dry conditions for Tuesday.
- Wind:** Winds will be out of NE throughout Tuesday. **N of Morgan's Point:** Winds will be at 2 - 7 kts throughout Tuesday. **S of Morgan's Point:** Winds will be at 8 - 13 kts through the day.
- High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Upper 70s F.
- Visibility:** No visibility concerns for Tuesday.

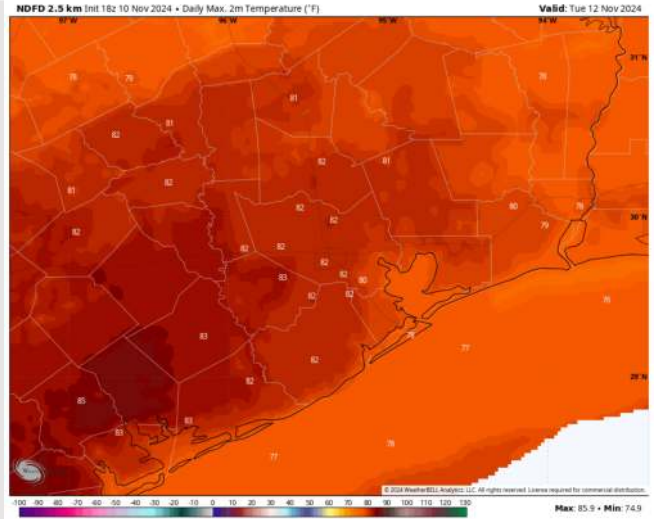
Precip Image: 11 AM CT



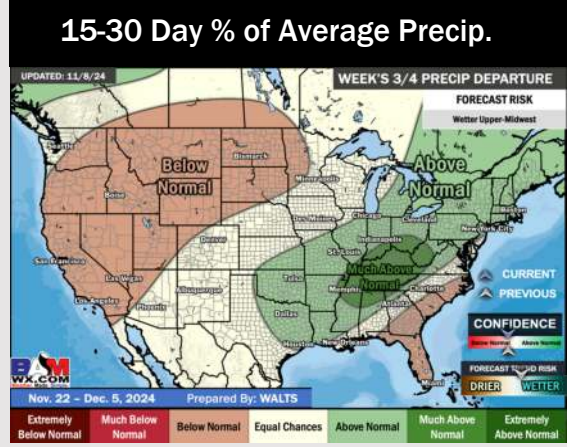
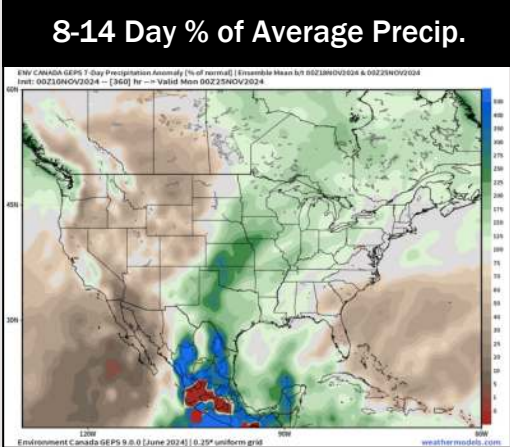
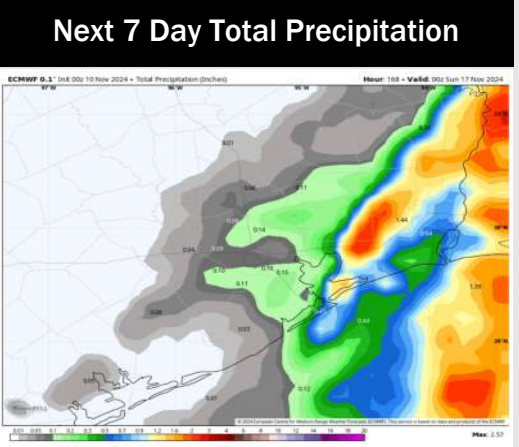
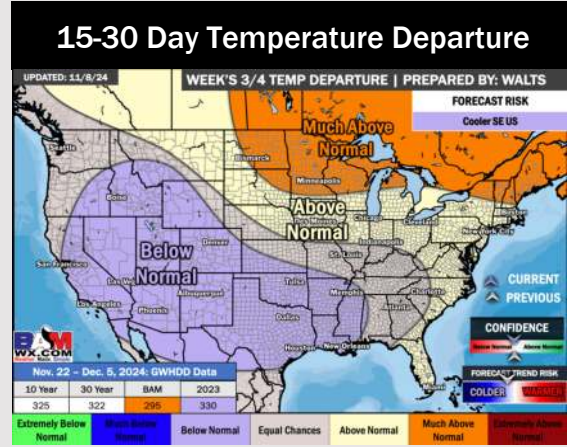
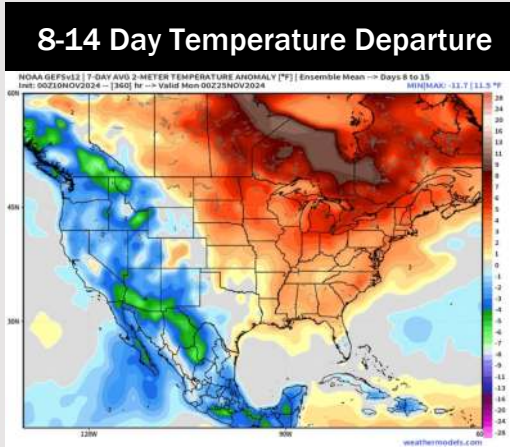
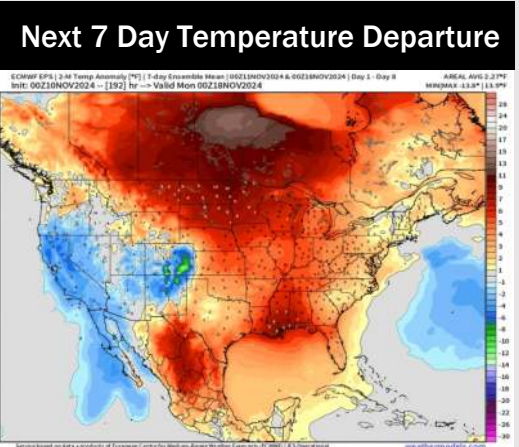
Wind Speed
10 AM CT



High Temps
Tuesday



Houston Pilots: 11/10/24



- 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 above normal
- Below normal temperatures and above normal precipitation chances are expected for the weeks 3/4 timeframe.