

Houston Pilots Forecast Package



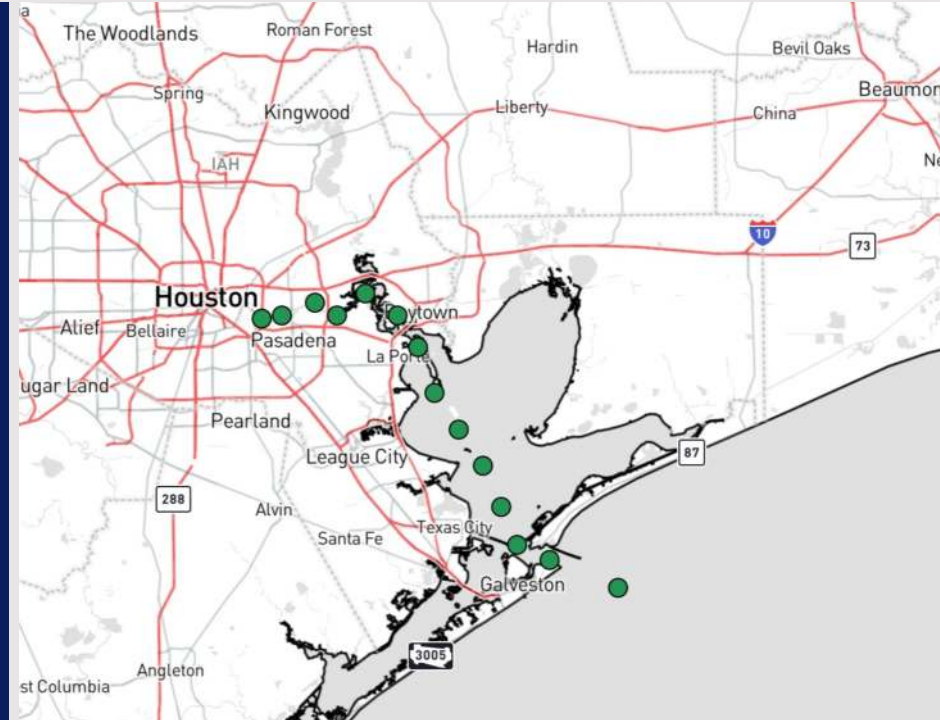
Updated: 11:25 PM CT

Saturday, November 23, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Dry conditions are favored over the next 72 hours.
- Winds are favored to pick up today, with the potential for wind gusts of 20 – 25 kts.
- **Elevated wave heights of 3'-4' feet possible MON**



Current Radar: 11:19 PM CT



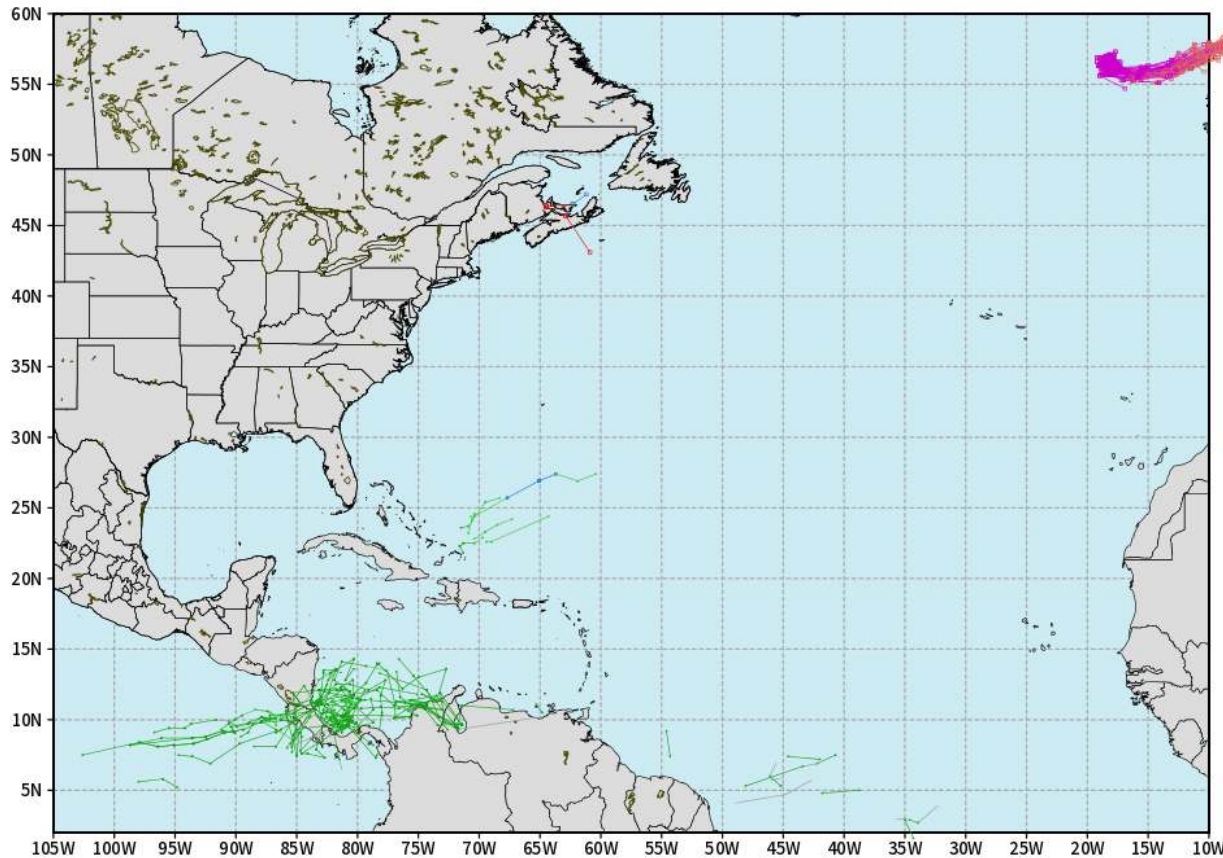
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press 1 for forecast questions.

Houston Pilots Tropical Update

European Ensemble Cyclone Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z23NOV2024 --> UNTIL 12Z03DEC2024

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

Not favoring any tropical impacts for Houston / Galveston Bay over the next 10 days.

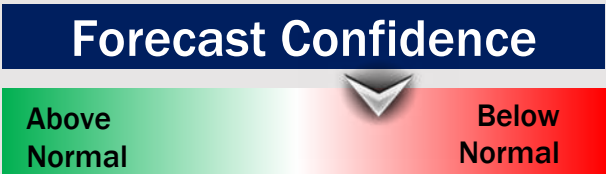
Tropical Updates will end on / by November 30th due to end of Season / Lack of Activity.

Houston Pilots Extended Range Visibility Report



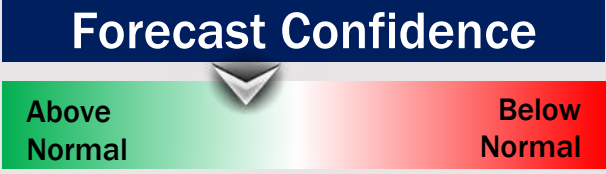
Wednesday 11/27/24

Monitoring a low-end potential for fog N of Morgan's Point.



Thursday 11/28/24

Fog not favored for THU



Friday 11/29/24

Fog not favored for FRI.



Chance for Fog

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

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	Sun 1 am	Sun 2 am	Sun 3 am	Sun 4 am	Sun 5 am	Sun 6 am	Sun 7 am	Sun 8 am	Sun 9 am	Sun 10 am	Sun 11 am	Sun 12 pm	Sun 1 pm	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
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	9	9
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	9	9
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	9	9
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	9	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

Above Normal Below Normal

Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE

Example

10

15

↖

Wind	Sun 1 am	Sun 2 am	Sun 3 am	Sun 4 am	Sun 5 am	Sun 6 am	Sun 7 am	Sun 8 am	Sun 9 am	Sun 10 am	Sun 11 am	Sun 12 pm	Sun 1 pm	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
Houston Pilots N - 610 Bridge	5 12 ↕	5 10 ↕	5 10 ↕	5 10 ↕	3 9 ↕	3 9 ↕	3 9 ↕	5 12 ↕	6 13 ↕	7 14 ↕	8 16 ↕	10 20 ↕	10 22 ↕	12 23 ↕	12 23 ↕	13 23 ↕	12 23 ↕	10 21 ↕	9 18 ↕	9 18 ↕	8 17 ↕	8 16 ↕	8 16 ↕	8 16 ↕
Houston Pilots M - Kinder 1	5 12 ↕	5 10 ↕	5 10 ↕	5 10 ↕	3 9 ↕	3 9 ↕	3 9 ↕	5 12 ↕	6 13 ↕	7 14 ↕	8 16 ↕	10 20 ↕	10 22 ↕	12 23 ↕	12 23 ↕	12 23 ↕	12 23 ↕	10 21 ↕	9 17 ↕	9 18 ↕	8 17 ↕	8 16 ↕	8 16 ↕	8 16 ↕
Houston Pilots L - Greens Bayou	5 10 ↕	5 10 ↕	5 10 ↕	5 10 ↕	3 9 ↕	3 9 ↕	3 9 ↕	5 12 ↕	6 13 ↕	7 14 ↕	8 16 ↕	10 20 ↕	12 22 ↕	12 23 ↕	12 23 ↕	13 23 ↕	12 22 ↕	10 21 ↕	9 17 ↕	9 17 ↕	8 17 ↕	8 16 ↕	8 16 ↕	8 16 ↕
Houston Pilots K - Shell Crude	5 10 ↕	5 10 ↕	5 10 ↕	5 10 ↕	3 9 ↕	3 9 ↕	3 9 ↕	5 12 ↕	6 13 ↕	7 14 ↕	8 16 ↕	10 18 ↕	12 22 ↕	12 23 ↕	13 23 ↕	13 23 ↕	12 22 ↕	10 21 ↕	9 17 ↕	8 17 ↕	8 17 ↕	8 16 ↕	8 16 ↕	8 16 ↕
Houston Pilots J - Lynchburg Ferries	5 10 ↕	5 9 ↕	3 9 ↕	3 9 ↕	3 9 ↕	3 8 ↕	3 9 ↕	5 10 ↕	6 13 ↕	7 14 ↕	8 16 ↕	10 18 ↕	12 22 ↕	13 23 ↕	13 23 ↕	13 23 ↕	12 22 ↕	10 21 ↕	9 17 ↕	8 17 ↕	8 17 ↕	8 16 ↕	8 16 ↕	7 16 ↕
Houston Pilots I - Exxon 3	8 13 ↕	8 13 ↕	8 12 ↕	8 12 ↕	8 12 ↕	7 10 ↕	7 10 ↕	8 13 ↕	8 14 ↕	9 15 ↕	10 16 ↕	12 18 ↕	13 21 ↕	14 22 ↕	14 23 ↕	15 22 ↕	15 22 ↕	14 21 ↕	13 18 ↕	13 18 ↕	13 18 ↕	13 17 ↕	13 17 ↕	12 17 ↕
Houston Pilots H - Morgans Point	8 13 ↕	8 13 ↕	8 12 ↕	8 12 ↕	8 12 ↕	7 12 ↕	7 12 ↕	8 13 ↕	8 14 ↕	9 15 ↕	10 16 ↕	12 18 ↕	13 21 ↕	14 22 ↕	14 22 ↕	15 22 ↕	14 22 ↕	13 21 ↕	13 18 ↕	13 18 ↕	13 18 ↕	12 17 ↕	12 17 ↕	12 17 ↕
Houston Pilots G - 75/76	10 15 ↕	10 15 ↕	10 15 ↕	10 14 ↕	9 14 ↕	9 14 ↕	9 13 ↕	10 14 ↕	10 15 ↕	10 16 ↕	12 17 ↕	13 20 ↕	13 22 ↕	13 23 ↕	14 23 ↕	15 23 ↕	15 23 ↕	14 22 ↕	13 18 ↕	13 18 ↕	13 20 ↕	13 20 ↕	13 20 ↕	13 20 ↕
Houston Pilots F - 63/64	10 15 ↕	10 15 ↕	10 15 ↕	10 15 ↕	10 14 ↕	9 14 ↕	9 14 ↕	10 14 ↕	10 15 ↕	10 16 ↕	12 17 ↕	13 20 ↕	13 22 ↕	13 22 ↕	14 22 ↕	14 22 ↕	14 21 ↕	13 20 ↕	13 18 ↕	13 18 ↕	13 18 ↕	13 20 ↕	13 20 ↕	13 20 ↕
Houston Pilots E - 51/52	10 16 ↕	10 15 ↕	10 15 ↕	10 15 ↕	10 15 ↕	10 15 ↕	10 15 ↕	10 15 ↕	10 15 ↕	10 17 ↕	12 18 ↕	13 20 ↕	13 21 ↕	13 22 ↕	14 22 ↕	14 22 ↕	14 21 ↕	13 20 ↕	13 17 ↕	13 18 ↕	13 18 ↕	13 18 ↕	13 20 ↕	13 20 ↕
Houston Pilots D - 37/38	10 16 ↕	10 16 ↕	10 16 ↕	10 16 ↕	10 16 ↕	10 16 ↕	10 15 ↕	10 16 ↕	10 16 ↕	12 17 ↕	12 18 ↕	13 20 ↕	13 21 ↕	13 21 ↕	14 22 ↕	14 22 ↕	14 21 ↕	13 20 ↕	13 18 ↕	13 18 ↕	13 20 ↕	13 20 ↕	13 20 ↕	13 20 ↕
Houston Pilots C - 25/26	10 16 ↕	10 16 ↕	10 16 ↕	10 17 ↕	10 17 ↕	10 16 ↕	10 16 ↕	10 16 ↕	12 17 ↕	12 17 ↕	13 18 ↕	13 20 ↕	13 21 ↕	13 21 ↕	14 22 ↕	14 22 ↕	13 21 ↕	13 20 ↕	13 18 ↕	13 18 ↕	13 20 ↕	13 20 ↕	13 21 ↕	13 21 ↕
Houston Pilots B - 11/12	10 16 ↕	10 17 ↕	10 17 ↕	10 17 ↕	10 17 ↕	10 17 ↕	10 17 ↕	10 17 ↕	10 17 ↕	12 17 ↕	13 18 ↕	13 20 ↕	13 20 ↕	13 21 ↕	13 21 ↕	13 21 ↕	13 20 ↕	12 18 ↕	10 17 ↕	10 18 ↕	12 20 ↕	12 20 ↕	13 21 ↕	13 21 ↕
Houston Pilots A - 1 & 2 Bravo	13 17 ↕	13 17 ↕	13 18 ↕	13 18 ↕	13 18 ↕	13 18 ↕	13 20 ↕	13 20 ↕	13 20 ↕	13 20 ↕	13 21 ↕	13 21 ↕	13 21 ↕	13 21 ↕	14 21 ↕	14 22 ↕	13 21 ↕	13 21 ↕	13 20 ↕	13 21 ↕	14 22 ↕	15 22 ↕	15 22 ↕	15 22 ↕

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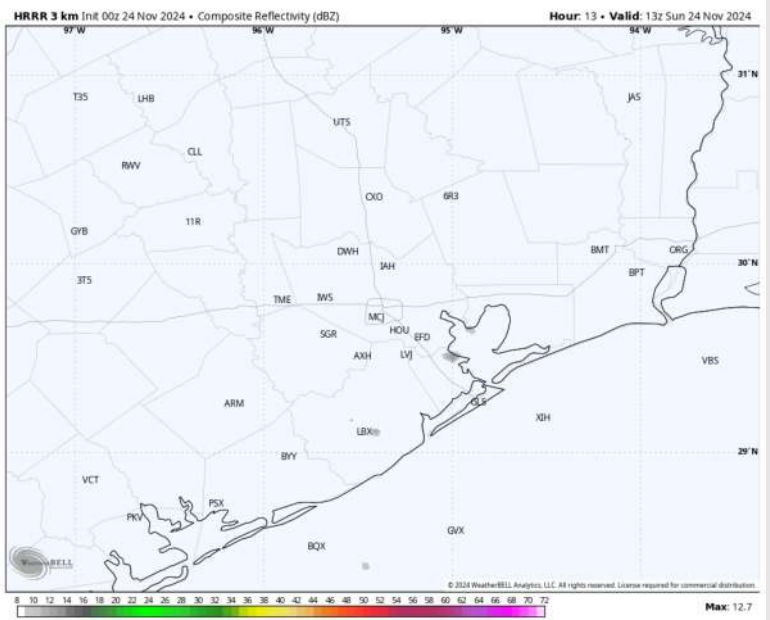
Houston Pilots: SUN. 11/24/2024



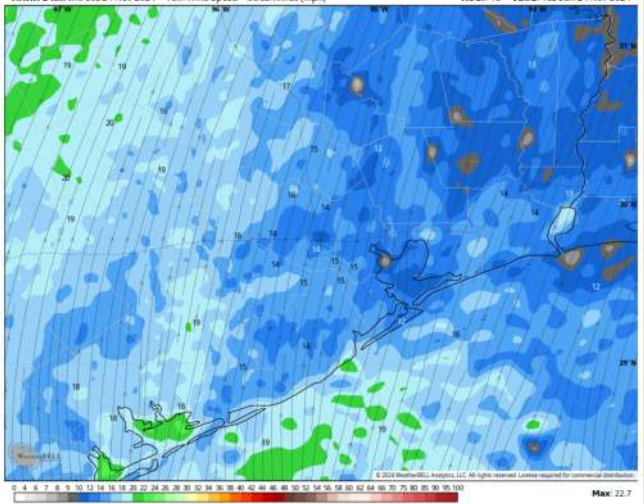
Forecast Discussion

- Precip:** Favoring dry conditions for today.
- Wind:** Winds will be out of the S throughout the day. **N of Morgan's Point:** Winds will be at 3 – 7 kts through 10 AM before winds increase to 7 – 12 kts for the rest of the day. **S of Morgan's Point:** Winds will be at 11 – 16 kts throughout the day. **Gusts of 20– 25 kts will be possible at all stations.**
- High Temps:** **N of Morgan's Point:** Low 80s F. **S of Morgan's Point:** Mid to upper 70s F.
- Visibility:** No visibility concerns for today.

Precip Image: 7 AM CT

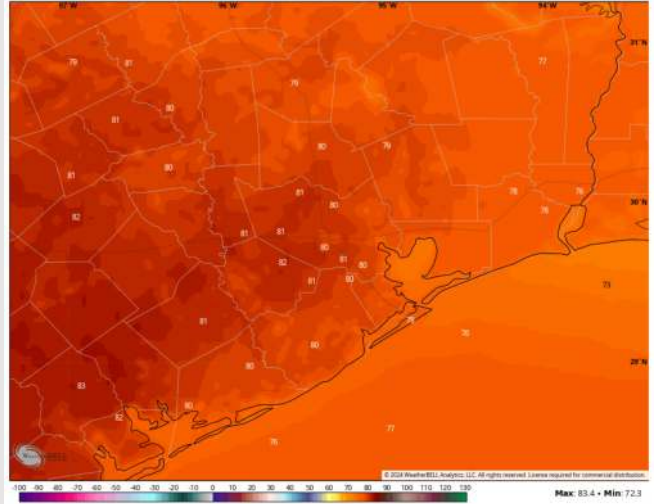


HRRR 3 km Init 00z 24 Nov 2024 • 10m Wind Speed • Streamlines (mph) Hour: 18 • Valid: 18z Sun 24 Nov 2024



Wind Speed
12 PM CT

NBM 2.5 km Init 15z 23 Nov 2024 • 2m Temperature (°F) Hour: 29 • Valid: 20z Sun 24 Nov 2024



High Temps
Today

Forecast Discussion

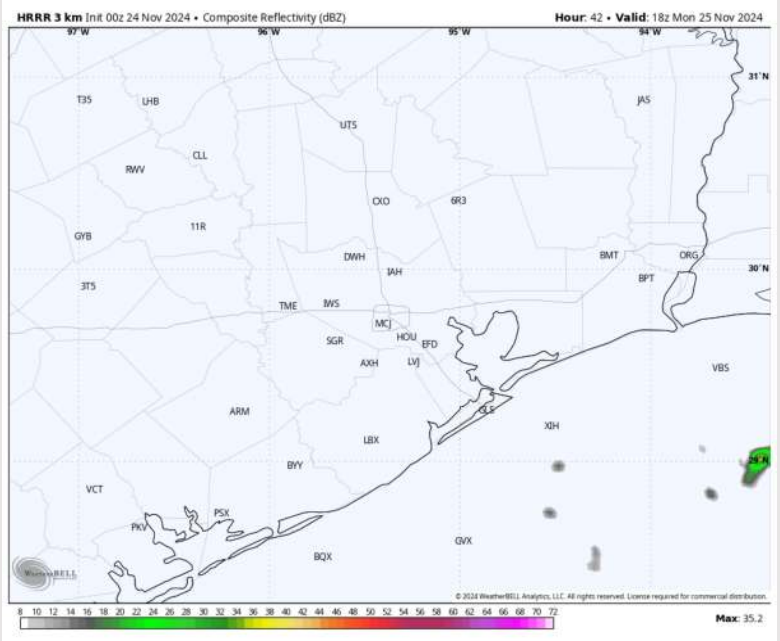
Precip: Favoring dry conditions for Monday.

Wind: Winds will be out of the S/SW through 8 PM before becoming variable throughout the rest of the evening. **N of Morgan's Point:** Winds will be at 4 - 10 kts throughout Monday. **S of Morgan's Point:** Winds will be at 11 - 17 kts throughout the day Monday. **Wind gusts of 15-20 kts in play for Stations N of Morgan's Point between 11 AM and 5 PM.**

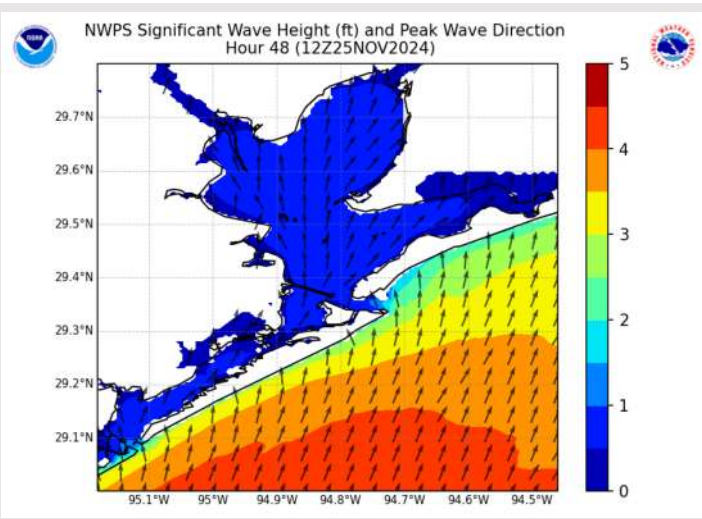
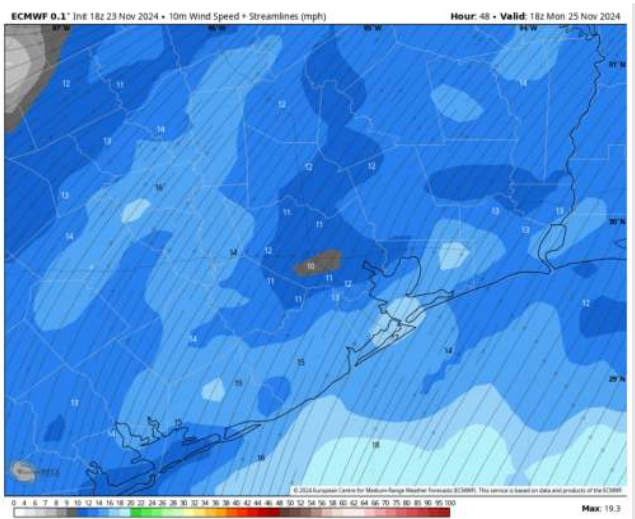
Wave Heights: Elevated winds will lead to wave heights of 3 - 4', 3 AM - 3 PM before wave heights decrease to 2 - 3' for the rest of the day

Visibility: No visibility concerns for Monday.

Precip Image: 12 PM CT



Wind Speed:
12 PM CT



Max Wave
Heights MON

Houston Pilots: TUE. 11/26/2024



Forecast Discussion

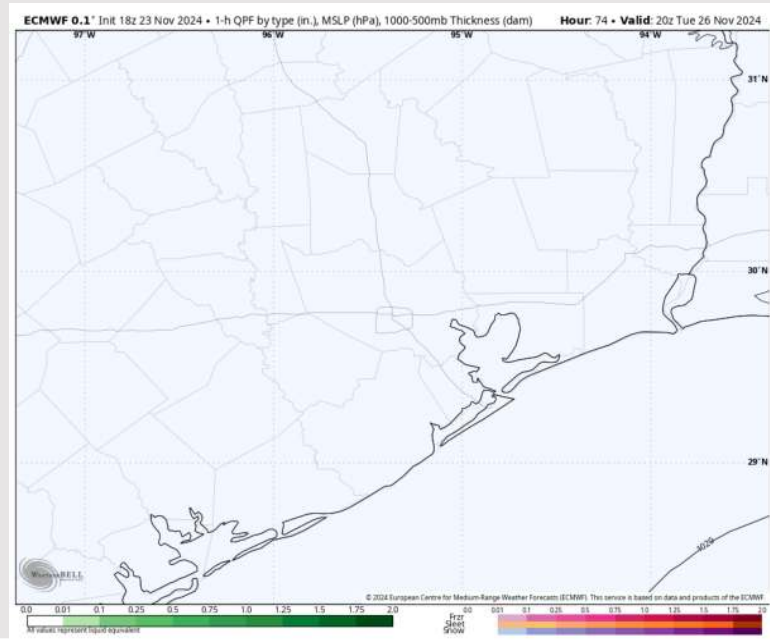
Precip: Favoring dry conditions Tuesday.

Wind: Winds will be out of the N through 1 PM, becoming variable after that time and settling out of the SE by 9 PM. **N of Morgan's Point:** Winds will be at 3 - 9 kts throughout Tuesday. **S of Morgan's Point:** Winds at 11 - 17 kts will gradually decrease throughout the morning and early afternoon, settling at 3-8 kts for the rest of the day after 3 PM.

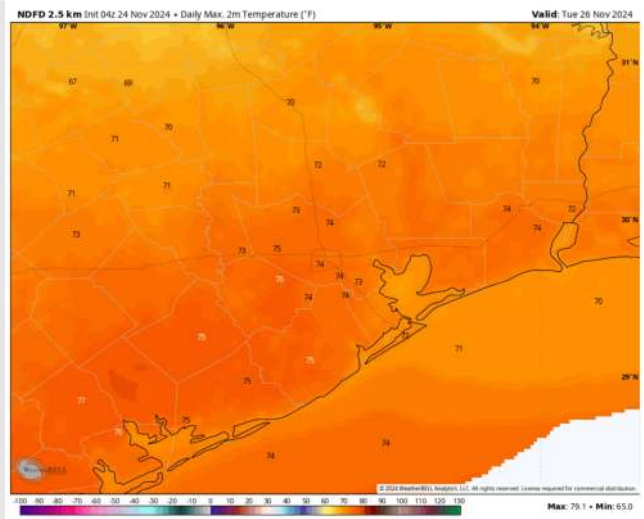
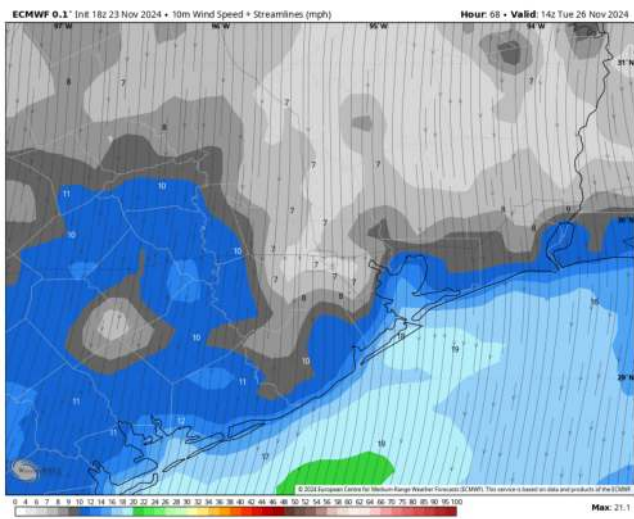
High Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Low 70s F.

Visibility: No visibility concerns for Tuesday.

Precip Image: 2 PM CT

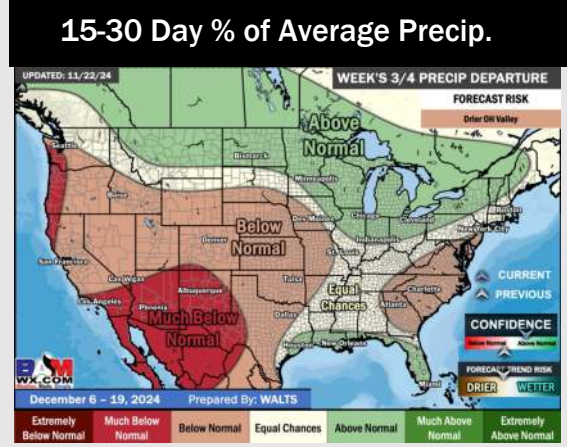
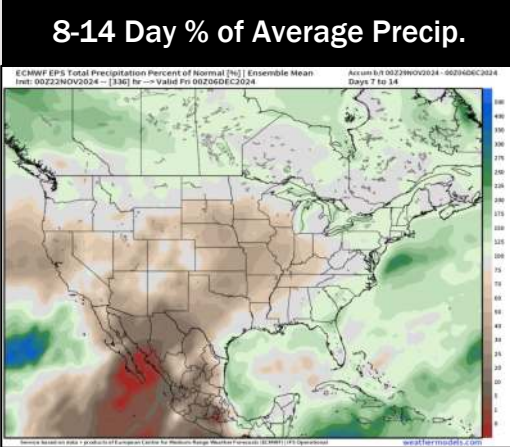
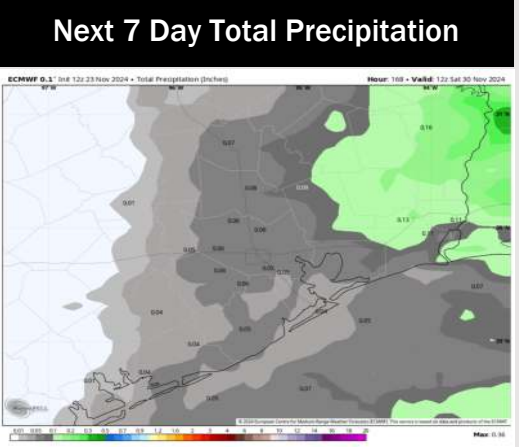
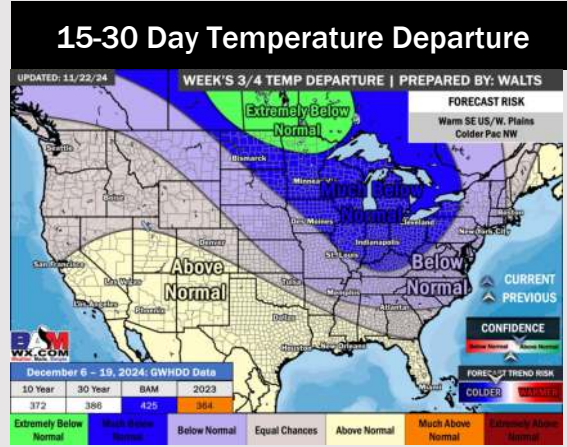
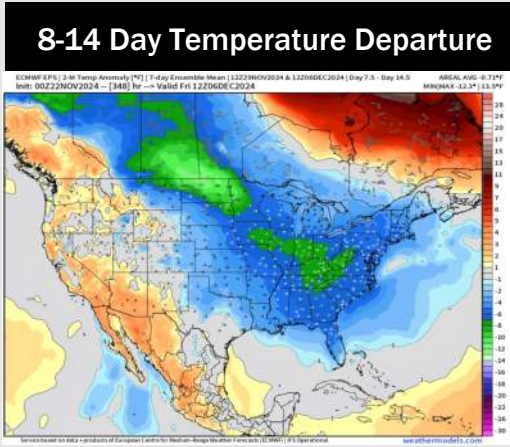
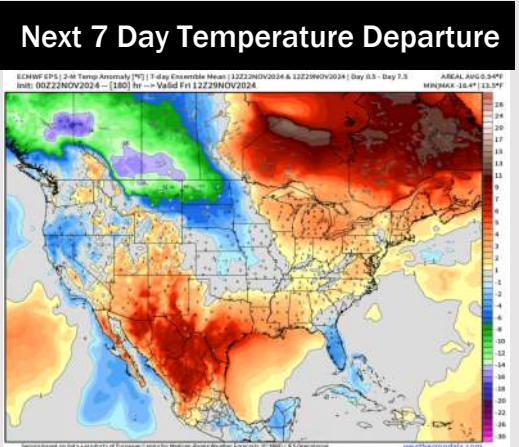


Wind Speed:
8 AM CT



High Temps
Tuesday

Houston Pilots: 11/24/24



- Temps are expected to be above normal for the week 1 timeframe. Dry conditions favored for much of the week 1 timeframe with rain chances not arriving until the middle of next week.
- Below normal temperatures are favored for week 2. Favoring precipitation to be near normal.
- Above normal temperatures and above normal precipitation chances are expected for the weeks 3/4 timeframe.