

Houston Pilots Forecast Package

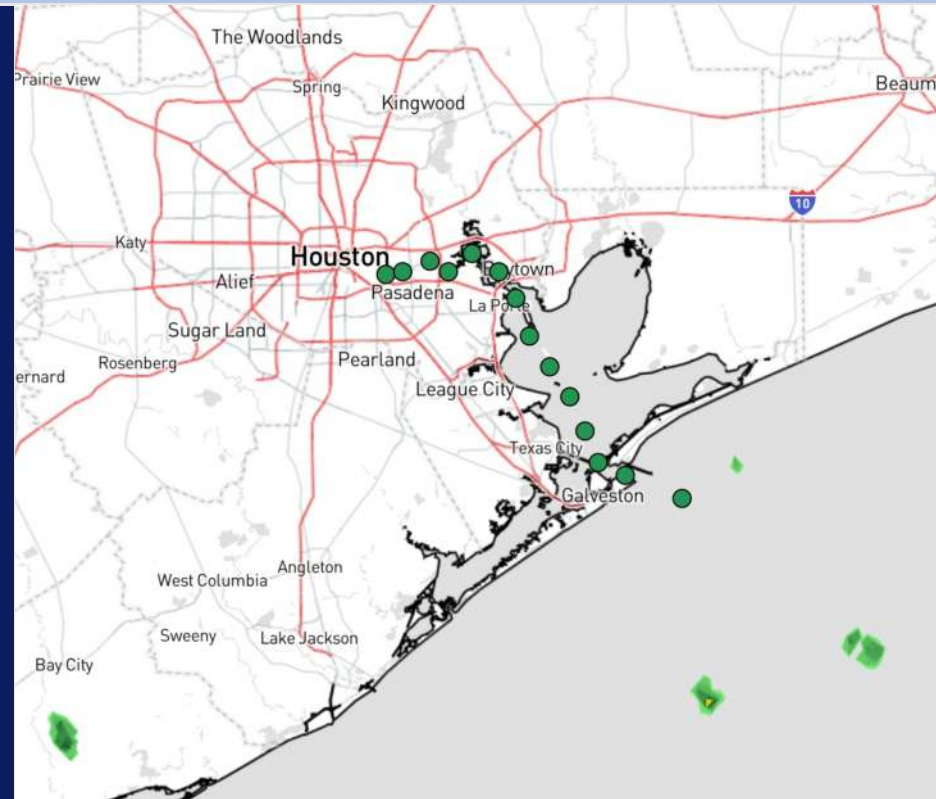


Updated: 11:00 PM CT
Sunday, July 28, 2024

Forecaster: Tyler Riggles

Weather Headlines

- Scattered downpours/storms favored today, with rain chances on the decline over the following days.
- **A few stronger gusts embedded within storms of 25kts + will be in play.**
- Not anticipating any fog concerns the next few days. Low visibilities are likely in heavy downpours.



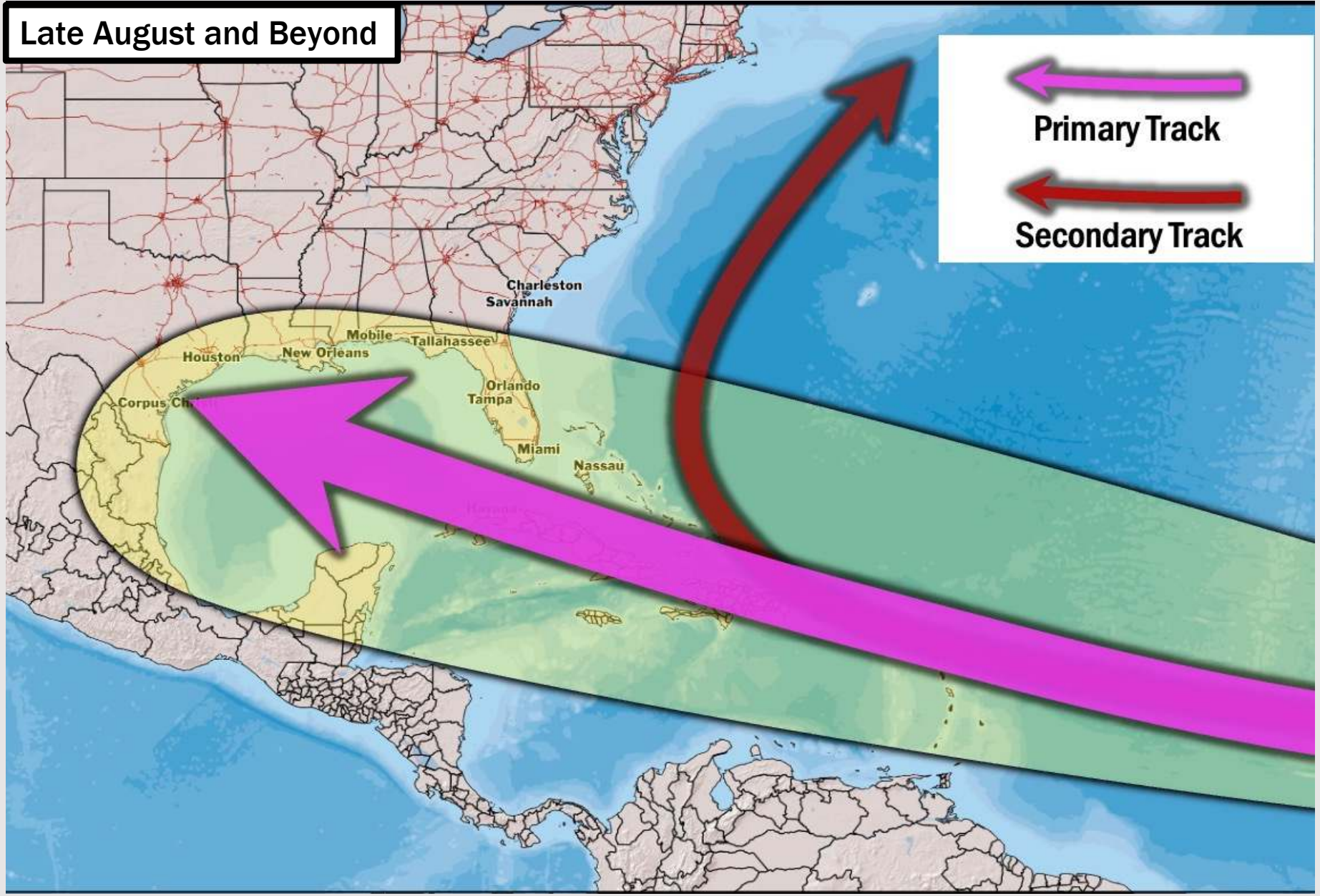
Current Radar: 10:48 PM CT



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

Late August and Beyond



← Primary Track

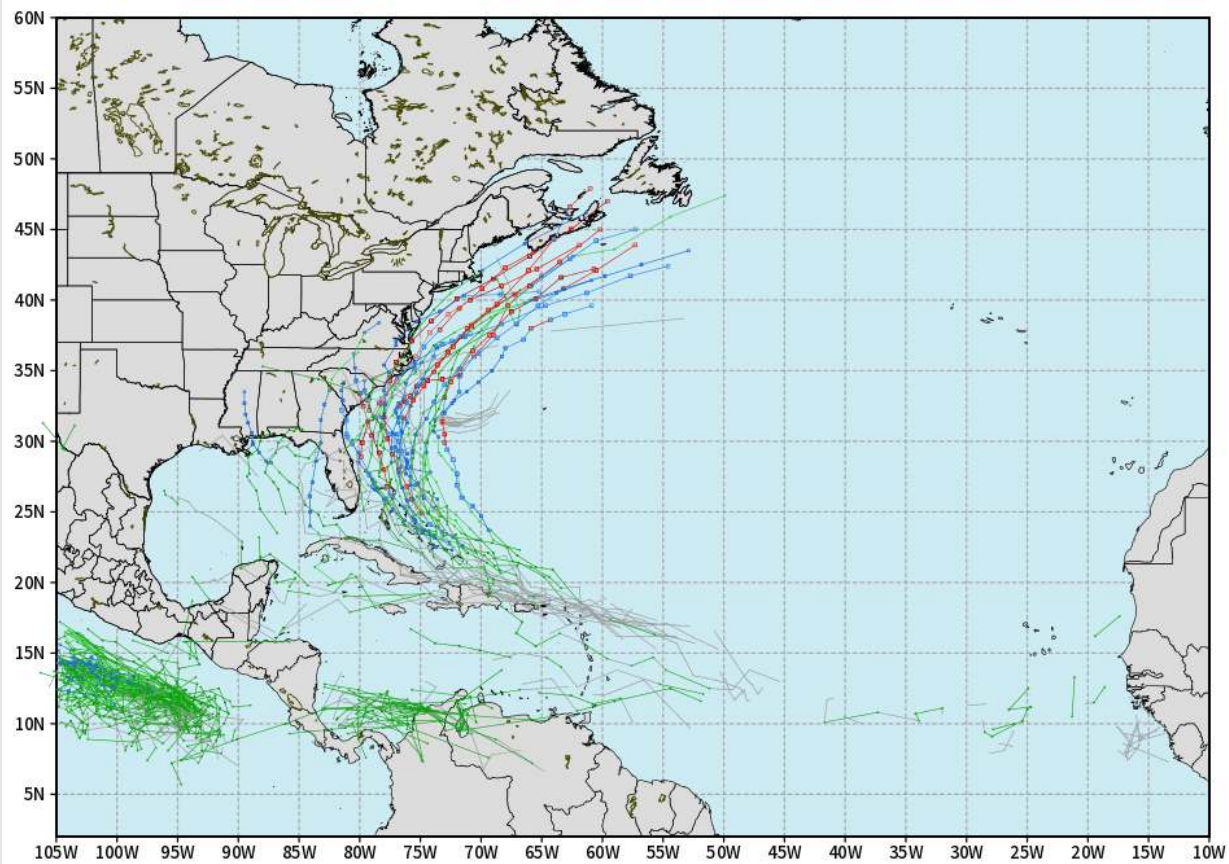
← Secondary Track

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z28JUL2024 --> UNTIL 12Z07AUG2024

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 in favor of any tropical threats over the next 10 days to the HOU area.

Early signals are starting to show for possible development in the Tropical Atlantic next week. No threat is currently anticipated for the HOU area with this possible system.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	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	Mon 2 pm	Mon 3 pm	Mon 4 pm	Mon 5 pm	Mon 6 pm	Mon 7 pm	Mon 8 pm	Mon 9 pm	Mon 10 pm	Mon 11 pm
Houston Pilots N - 610 Bridge	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots M - Kinder 1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots L - Greens Bayou	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.9	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots K - Shell Crude	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.9	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots J - Lynchburg Ferries	10.1	10.1	10.1	10.1	10.1	9	9	10.1	6.9	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots I - Exxon 3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.9	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots H - Morgans Point	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.9	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Houston Pilots G - 75/76	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots F - 63/64	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots E - 51/52	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots D - 37/38	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots C - 25/26	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots B - 11/12	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12
Houston Pilots A - 1 & 2 Bravo	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	12

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



Example



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

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Houston Pilots: MON. 7/29/2024



Forecast Discussion

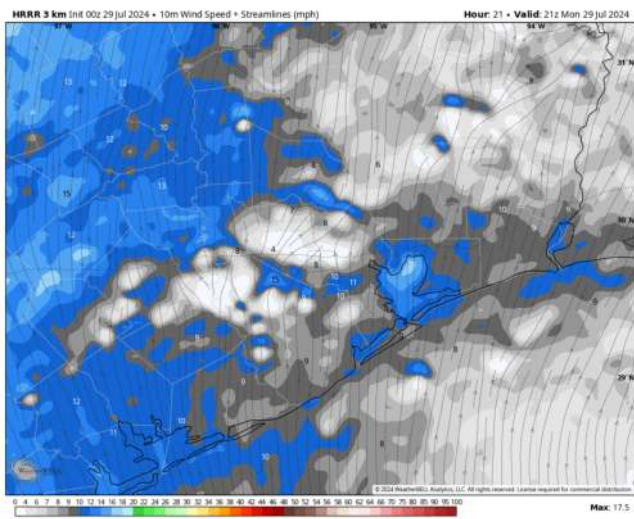
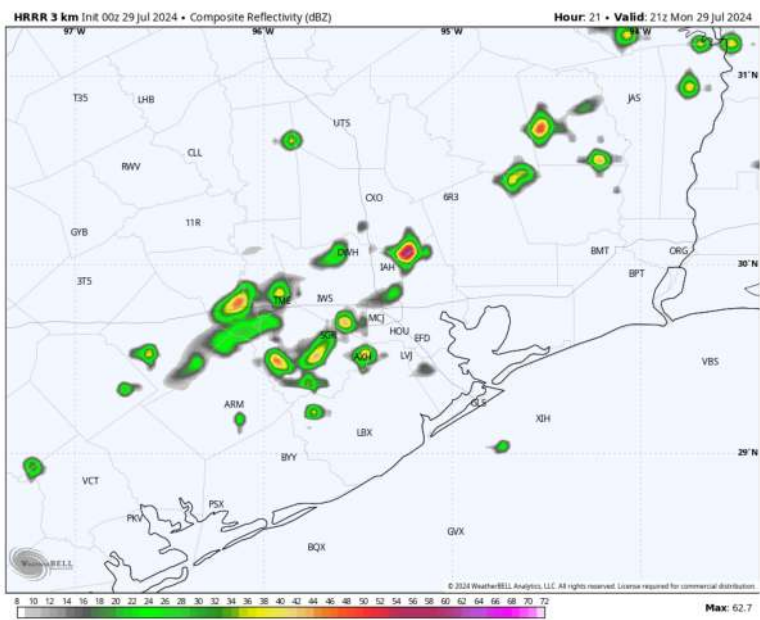
Precip: Scattered showers and thunderstorms(20-30%) are favored from 7 AM – 8 PM. The greatest coverage is expected from 12 PM – 7 PM. **Wind gusts of 25+ kts and lightning are possible in thunderstorms.**

Wind: Winds will be out of the S throughout the day. **N of Morgan's Point:** Winds at 4 – 9 kts throughout the day. **S of Morgan's Point:** Winds at 9 – 15 kts throughout the day. Localized non-thunderstorm-related wind gusts of 20kts will be possible for all stations throughout the day.

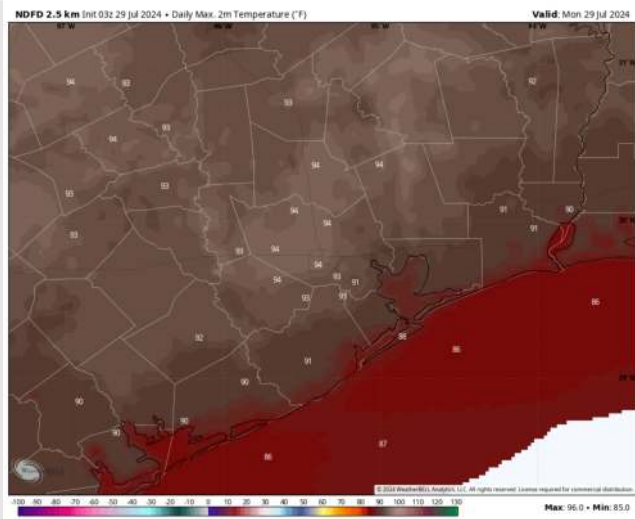
High Temps: **N of Morgan's Point:** Lower to mid 90s F. **S of Morgan's Point:** Upper 80s F.

Visibility: Fog is not favored for today; however, visibility can be reduced under heavy downpours!

Precip Image: 4 PM CT



Wind Speed:
4 PM CT



High Temps
Today

Houston Pilots: TUE. 7/30/2024



Forecast Discussion

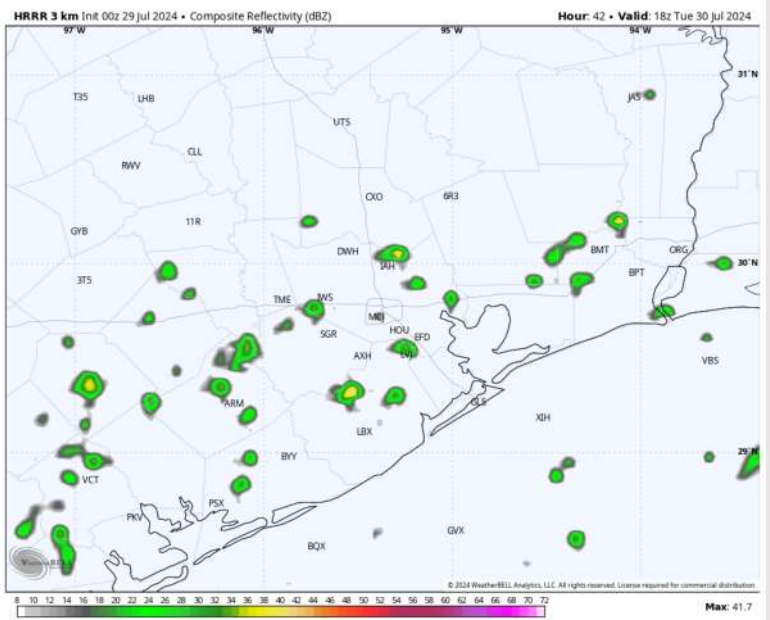
Precip: Isolated (10%) light rain showers are possible from 1 PM–4 PM. Dry conditions are then favored for the rest of the evening.

Wind: Winds will be generally out of the S/SW throughout Tuesday. **N of Morgan’s Point:** Winds at 4 – 8 kts through 1 PM before increasing to 9 – 13 kts through the remainder of the day. **S of Morgan’s Point:** Winds at 11 – 17 kts through the day.

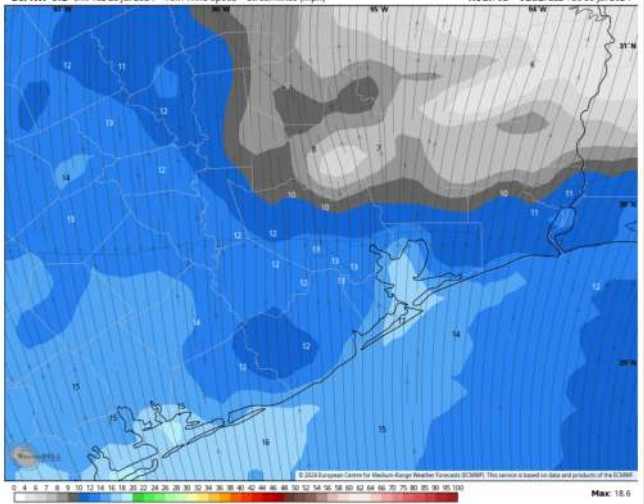
High Temps: **N of Morgan’s Point:** Mid 90s F. **S of Morgan’s Point:** Upper 80s F to lower 90s F.

Visibility: Not anticipating any fog concerns for Tuesday.

Precip Image: 1 PM CT

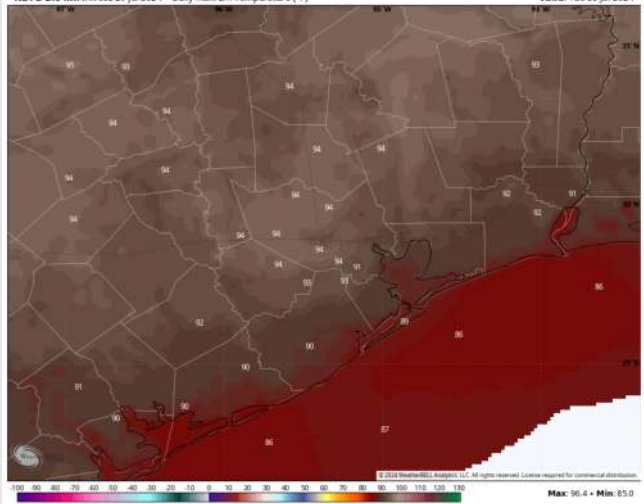


ECMWF 0.1° Init 18z 29 Jul 2024 • 10m Wind Speed • Streamlines (mph) Hour: 52 • Valid: 22z Tue 30 Jul 2024



Wind Speed
5 PM CT

NDFD 2.5 km Init 03z 29 Jul 2024 • Daily Max. 2m Temperature (F) Valid: Tue 30 Jul 2024



High Temps
Tuesday

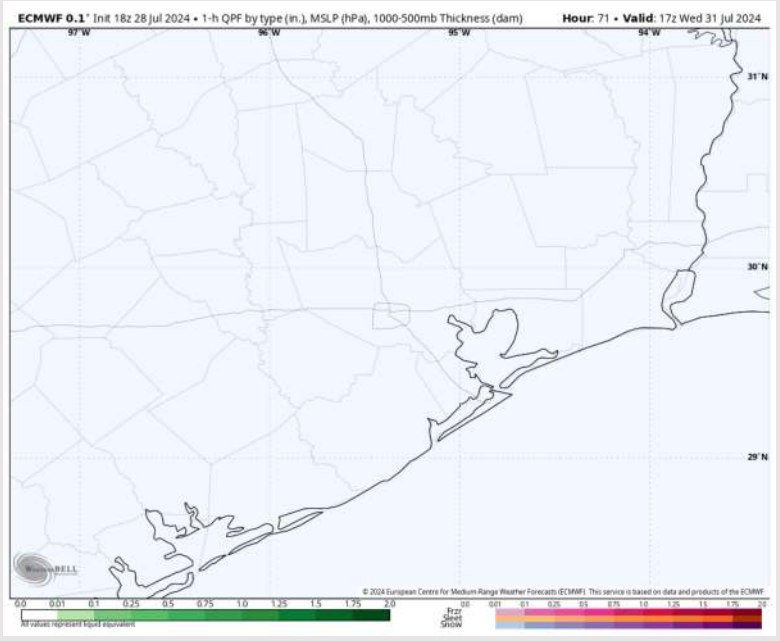
Houston Pilots: WED. 7/31/2024



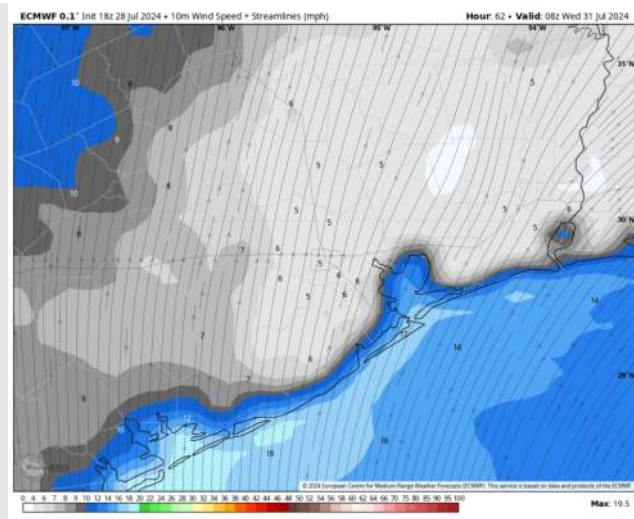
Forecast Discussion

- Precip:** Favoring dry conditions for Wednesday.
- Wind:** Winds favored to be out of the S/SW through Wednesday. **N of Morgan's Point:** Winds will be at 4-9 kts throughout the day Wednesday. **S of Morgan's Point:** Winds begin the day at 10-15 kts and settle to 7-12 kts by 6 AM.
- High Temps:** **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** High 80s F.
- Visibility:** No visibility concerns for Wednesday.

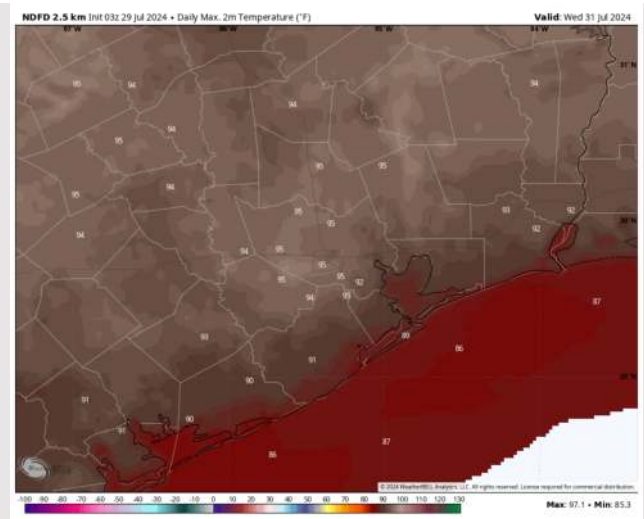
Precip Image: 12 PM CT



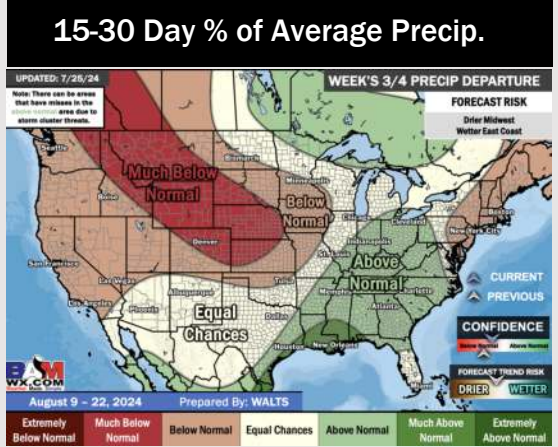
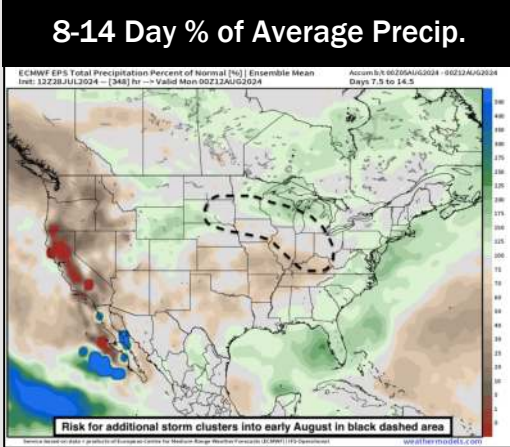
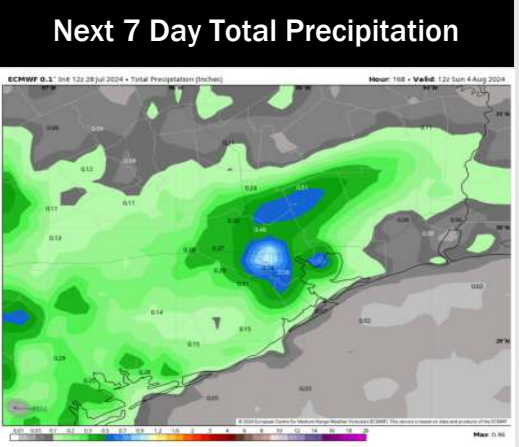
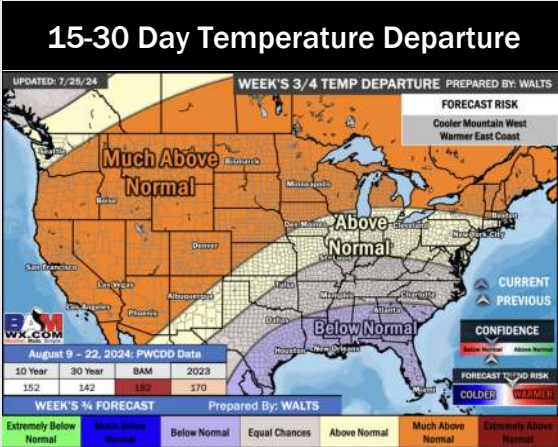
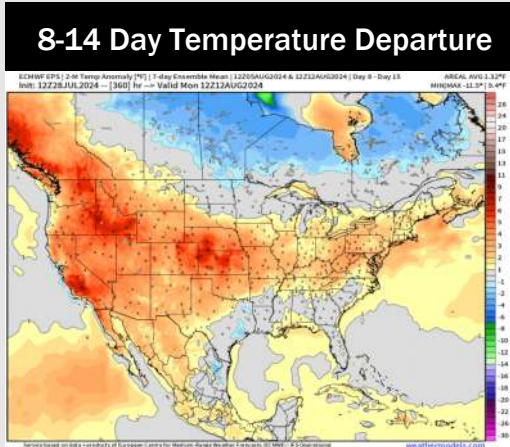
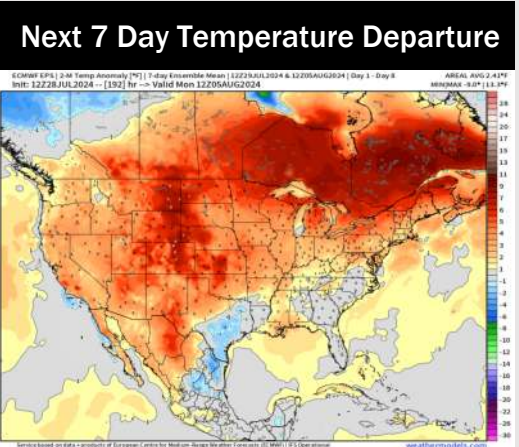
Wind Speed:
3 AM CT



High Temps
Wednesday



Houston Pilots: 7/29/24



- Temps are expected to be slightly below normal for the week 1 timeframe. Expecting a generally drier week 1, with only minor precip chances at times through the week
- Seasonable temperatures and near normal precipitation chances are favored for the week 2 timeframe.
- Above normal chances for precipitation and below normal temperatures are favored in the weeks 3/4 timeframe.