

Houston Pilots Forecast Package

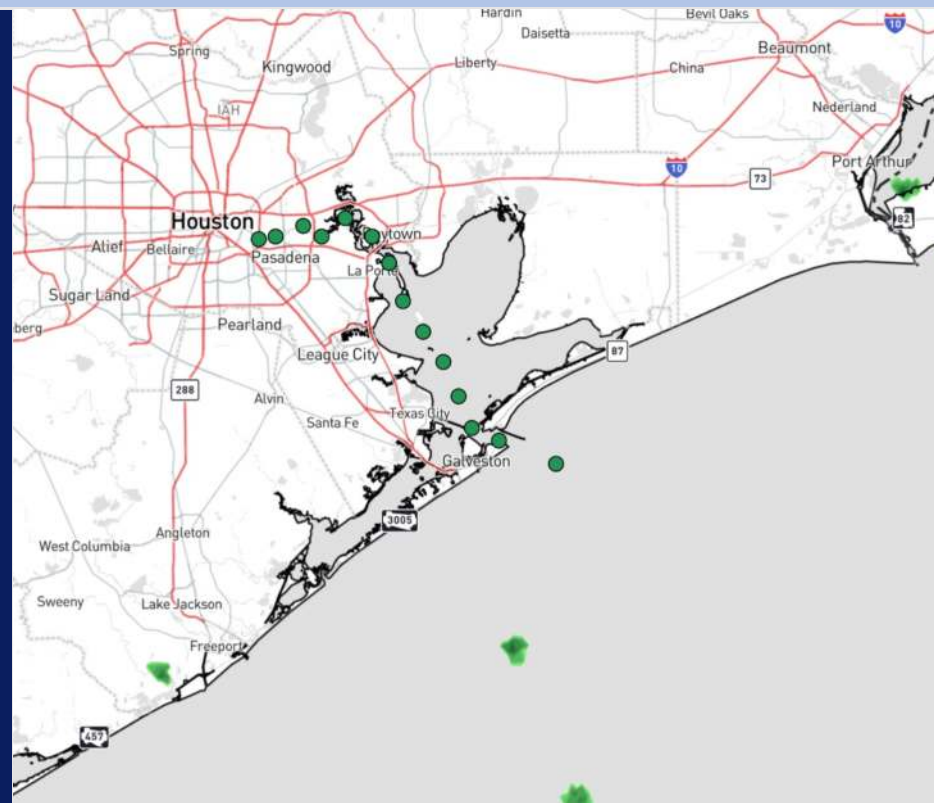


Updated: 2:10 AM CT
Tuesday, July 30, 2024

Forecaster: John Kemper

Weather Headlines

- Isolated showers and storms are possible today. No severe weather favored.
- **Continuing to track potential for tropical development in Atlantic, E of Florida later this week. *No risks for Houston.***
- Not anticipating any fog concerns the next few days.



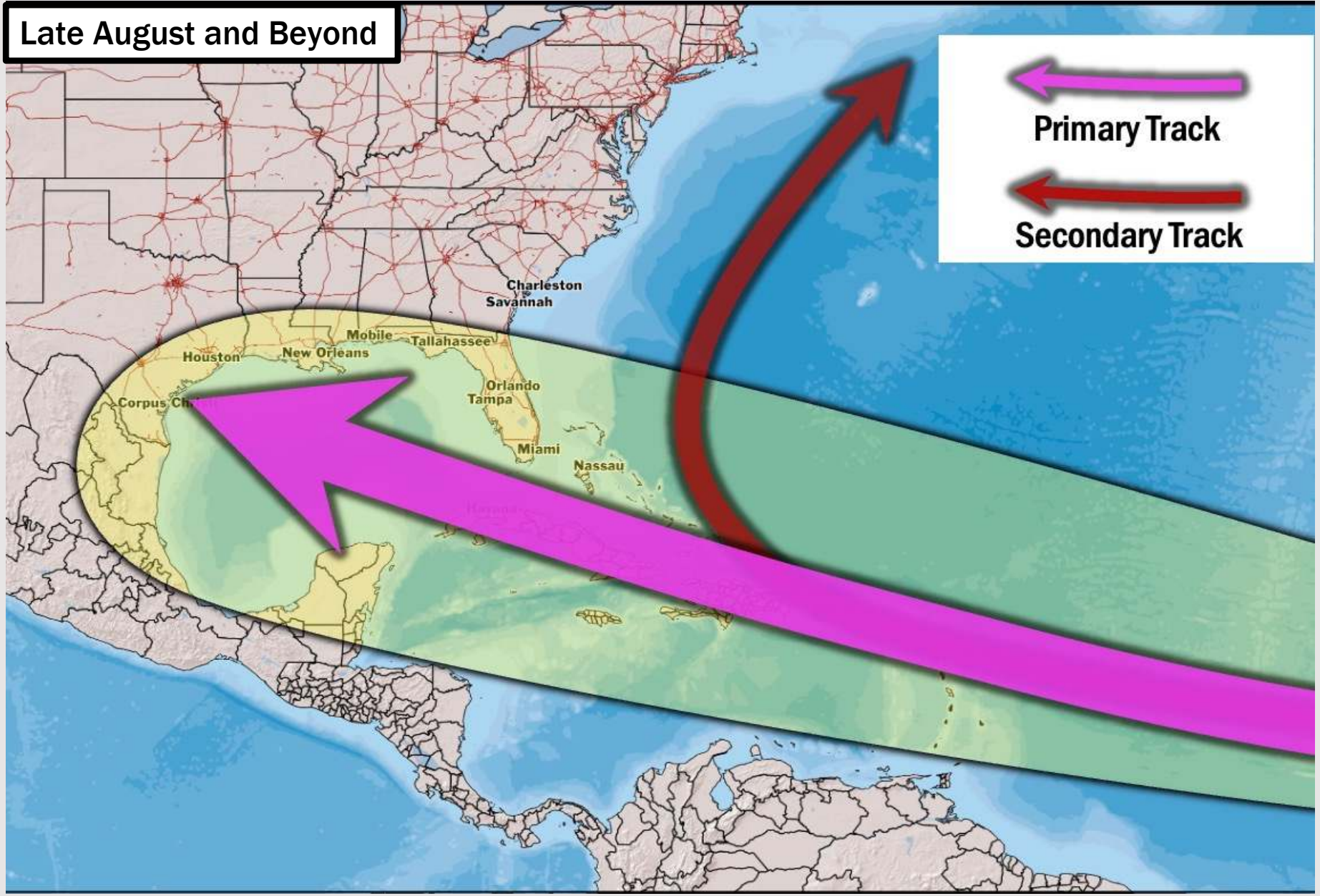
Current Radar: 2:00 AM CT



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

Late August and Beyond

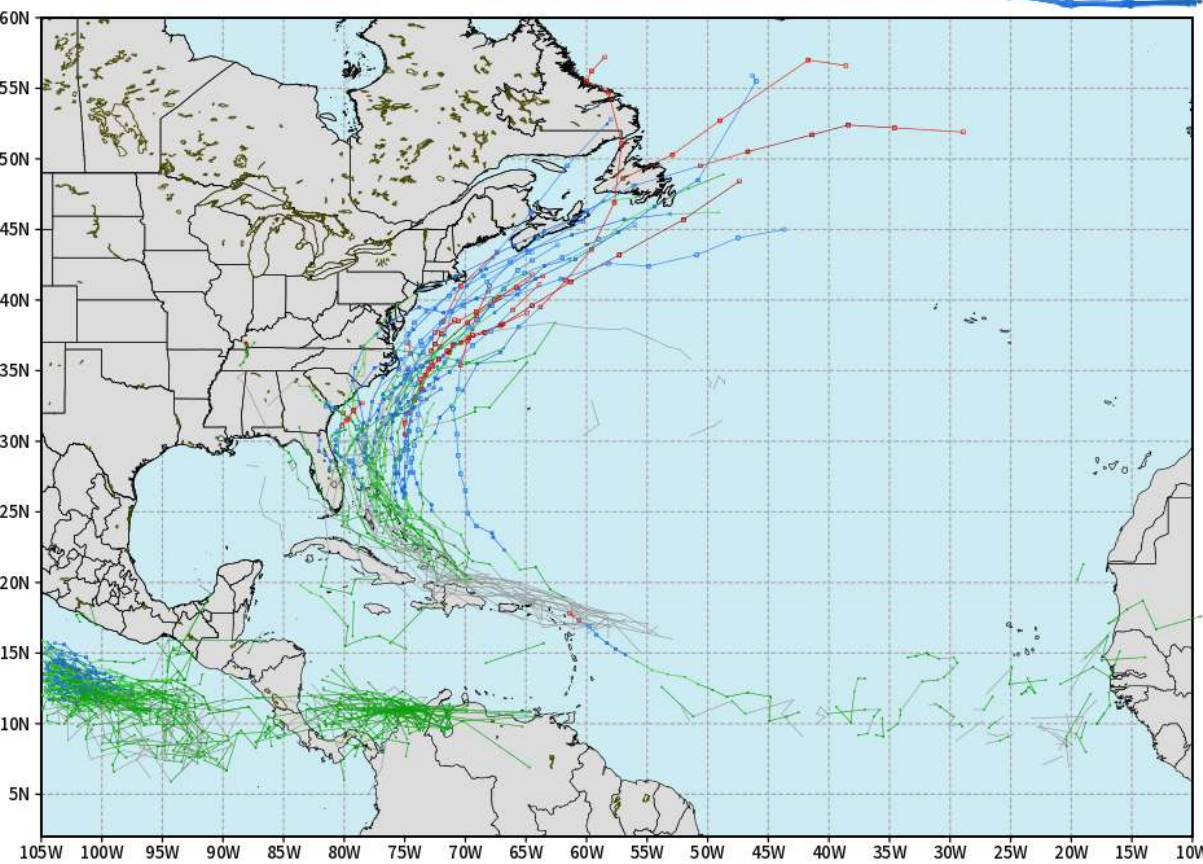


Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z29 JUL2024 --> UNTIL 12Z08AUG2024

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 late this week. No threat is currently anticipated for the HOU area with this possible system.

Houston Pilots Visibility Chart (miles)



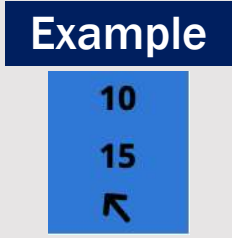
Forecast Confidence



Visibility	Tue 3 am	Tue 4 am	Tue 5 am	Tue 6 am	Tue 7 am	Tue 8 am	Tue 9 am	Tue 10 am	Tue 11 am	Tue 12 pm	Tue 1 pm	Tue 2 pm	Tue 3 pm	Tue 4 pm	Tue 5 pm	Tue 6 pm	Tue 7 pm	Tue 8 pm	Tue 9 pm	Tue 10 pm	Tue 11 pm	Wed 12 am	Wed 1 am	Wed 2 am
Houston Pilots N - 610 Bridge	10.1	10.1	10.1	10.1	10.1	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	10.1	10.1	10.1
Houston Pilots M - Kinder 1	10.1	10.1	10.1	10.1	10.1	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	10.1	10.1	10.1
Houston Pilots L - Greens Bayou	10.1	10.1	10.1	10.1	10.1	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	10.1	10.1	10.1
Houston Pilots K - Shell Crude	10.1	10.1	10.1	10.1	10.1	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	10.1	10.1	10.1
Houston Pilots J - Lynchburg Ferries	10.1	10.1	10.1	10.1	10.1	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	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	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
Houston Pilots H - Morgans Point	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	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	9
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	9
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	9
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	9
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	9
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	9	9	10.1	10.1	10.1	9	10.1	10.1	10.1	9	9	9	9	10.1	10.1	10.1	10.1	9	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



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

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Houston Pilots: TUE. 7/30/2024



Forecast Discussion

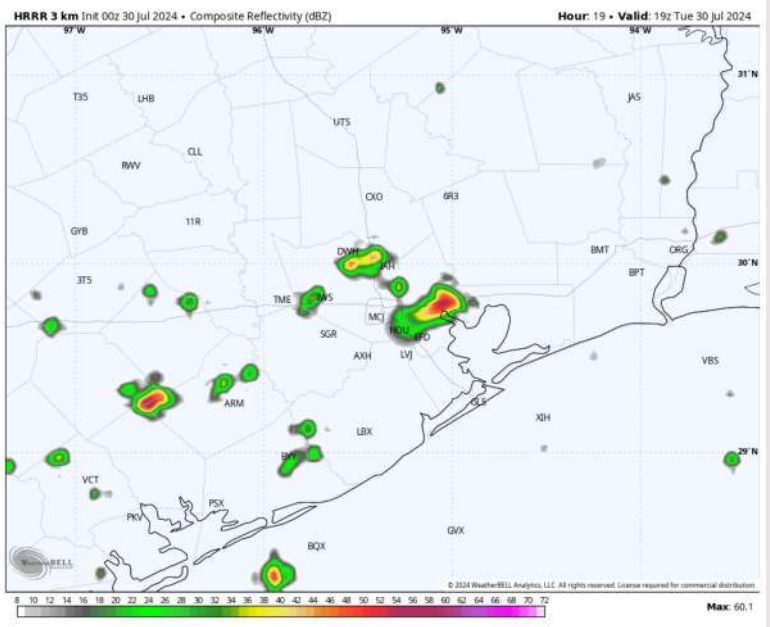
Precip: Scattered (30%) rain showers and few thunderstorms are possible from 10 AM– 5 PM for all stations. Dry conditions are then favored for the rest of the evening.

Wind: Winds will be generally out of the S/SW throughout today.
N of Morgan's Point: Winds at 4 – 8 kts through 2 PM before increasing to 9 – 13 kts through the remainder of the day.
S of Morgan's Point: Winds at 9 – 14 kts through the entire day.

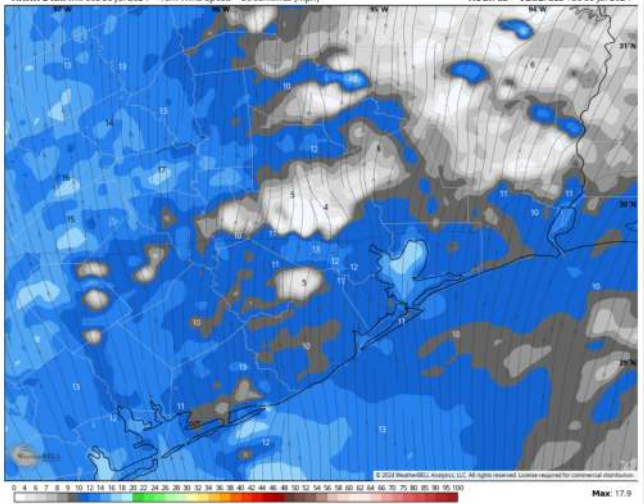
High Temps: **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Upper 80s F.

Visibility: Not anticipating any fog concerns for today.

Precip Image: 2 PM CT

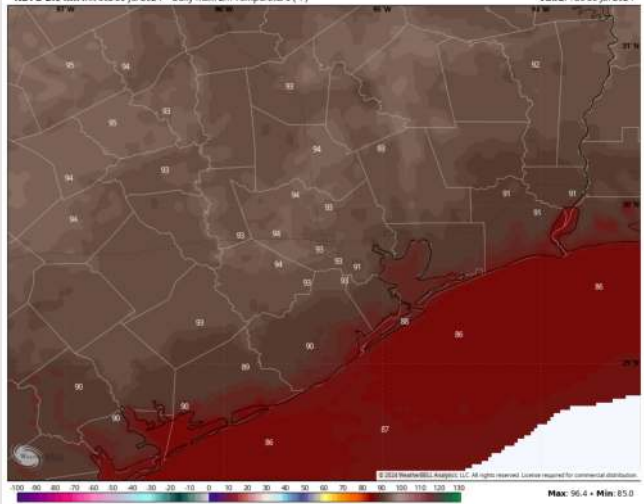


HRRR 3 km Init 00z 30 Jul 2024 • 10m Wind Speed + Streamlines (mph) Hour: 22 • Valid: 22z Tue 30 Jul 2024



Wind Speed
5 PM CT

NDFD 2.5 km Init 06z 30 Jul 2024 • Daily Max. 2m Temperature (°F) Valid: Tue 30 Jul 2024



High Temps
Today

Houston Pilots: WED. 7/31/2024



Forecast Discussion

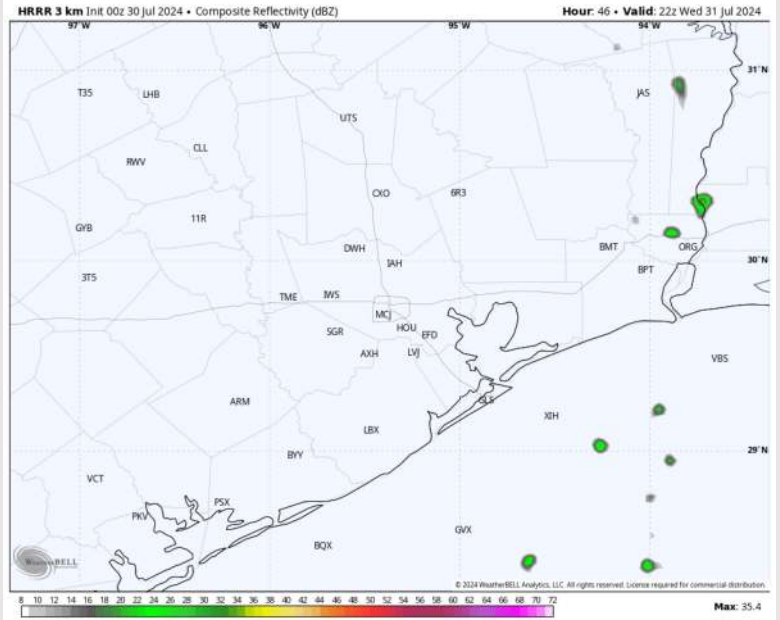
Precip: Favoring dry conditions for Wednesday, with isolated showers to remain E of all stations.

Wind: Winds favored to be out of the S 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 are expected to decrease to 7-12 kts by 8 AM.

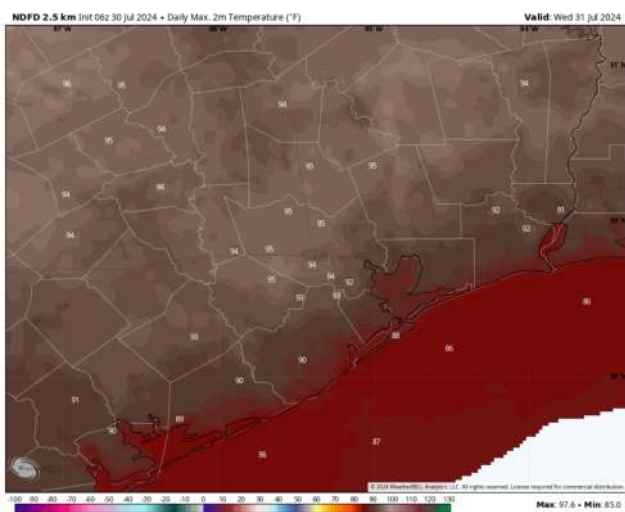
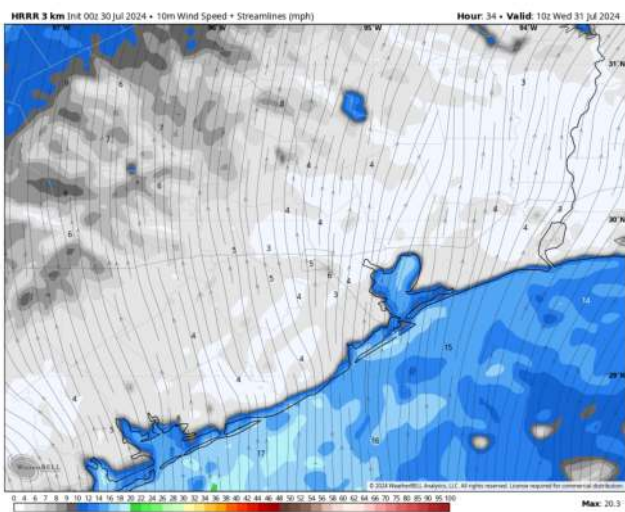
High Temps: **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** High 80s F.

Visibility: No visibility concerns for Wednesday.

Precip Image: 5 PM CT



Wind Speed:
5 AM CT



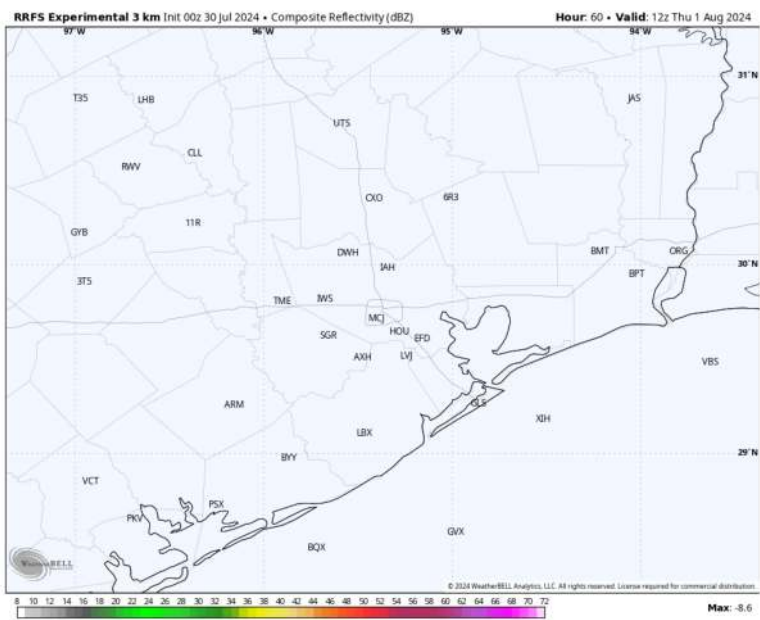
High Temps
Wednesday

Houston Pilots: MON. 7/29/2024

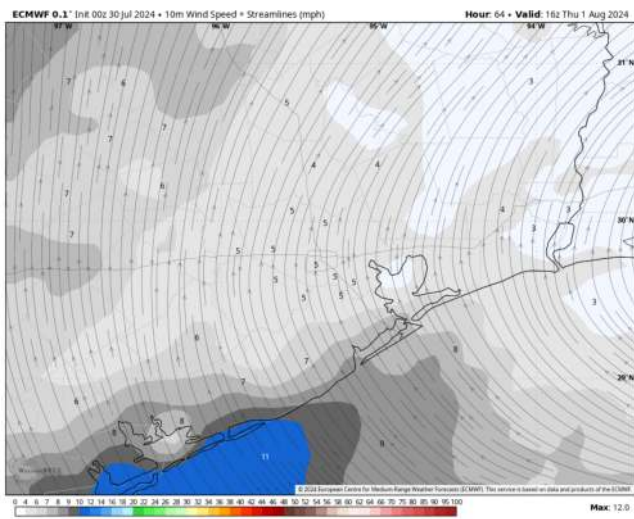
Forecast Discussion

- Precip:** Favoring dry conditions for Thursday at this time, although watching trends for very low end risks for showers late PM.
- Wind:** Winds will be out of the S through 9AM before veering out the southeast. **N of Morgan's Point:** Winds at 5 – 9 kts through 9AM before calming to 3 – 5kts for rest of Thursday. **S of Morgan's Point:** Winds at 9 – 15 kts through 9AM before weakening to 4 – 9 kts for the rest of Thursday.
- Low Temps:** **N of Morgan's Point:** Lower to Mid 90s F. **S of Morgan's Point:** Upper 80s F.
- Visibility:** No visibility concerns for Thursday.

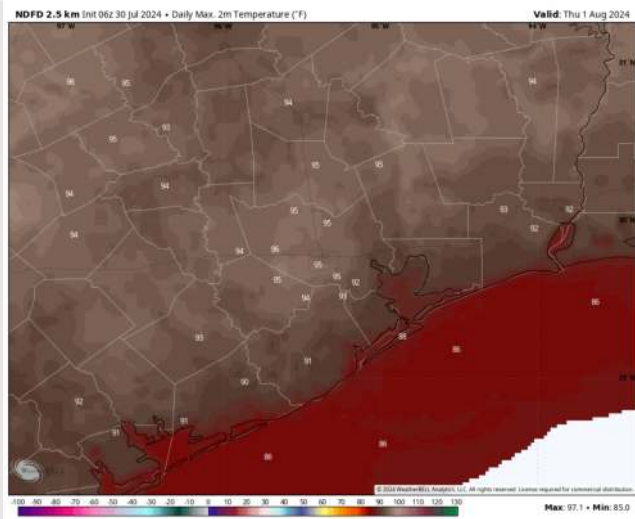
Precip Image: 7 AM CT



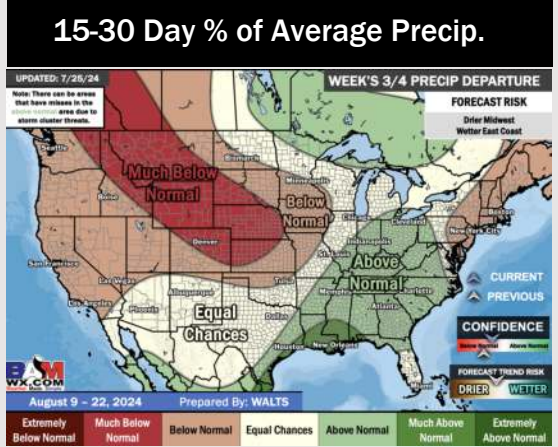
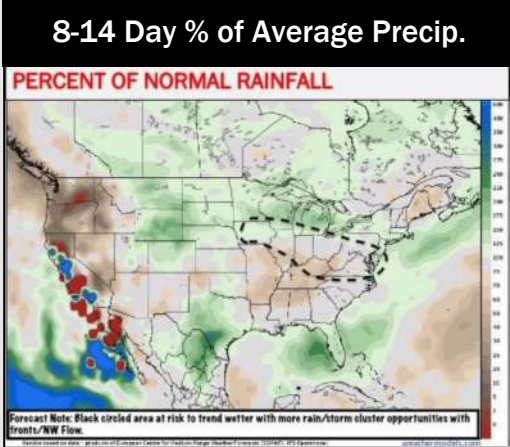
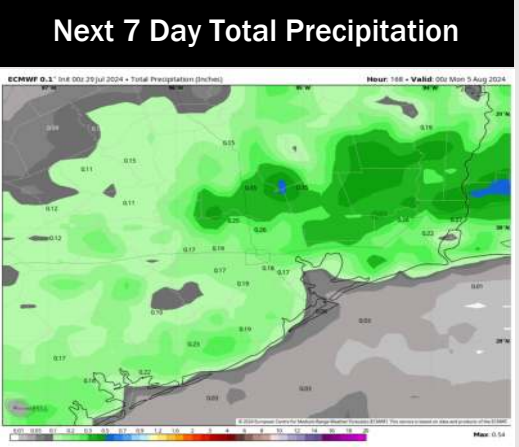
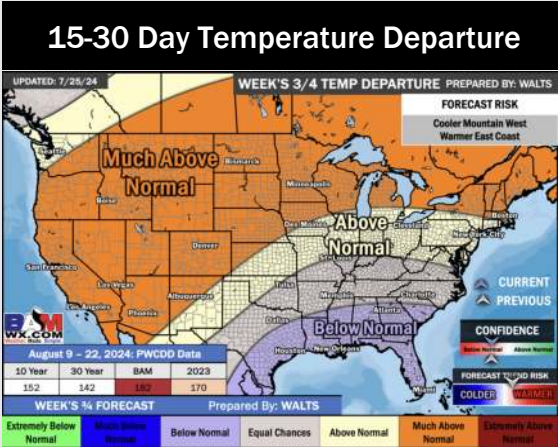
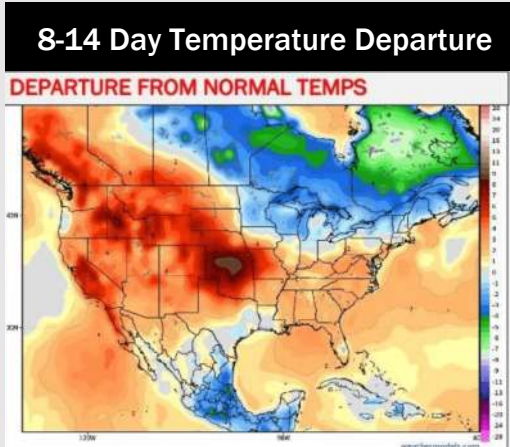
Wind Speed:
11 AM CT



High Temps
Thursday



Houston Pilots: 7/30/24



- 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 slightly above 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.