

Houston Pilots Forecast Package



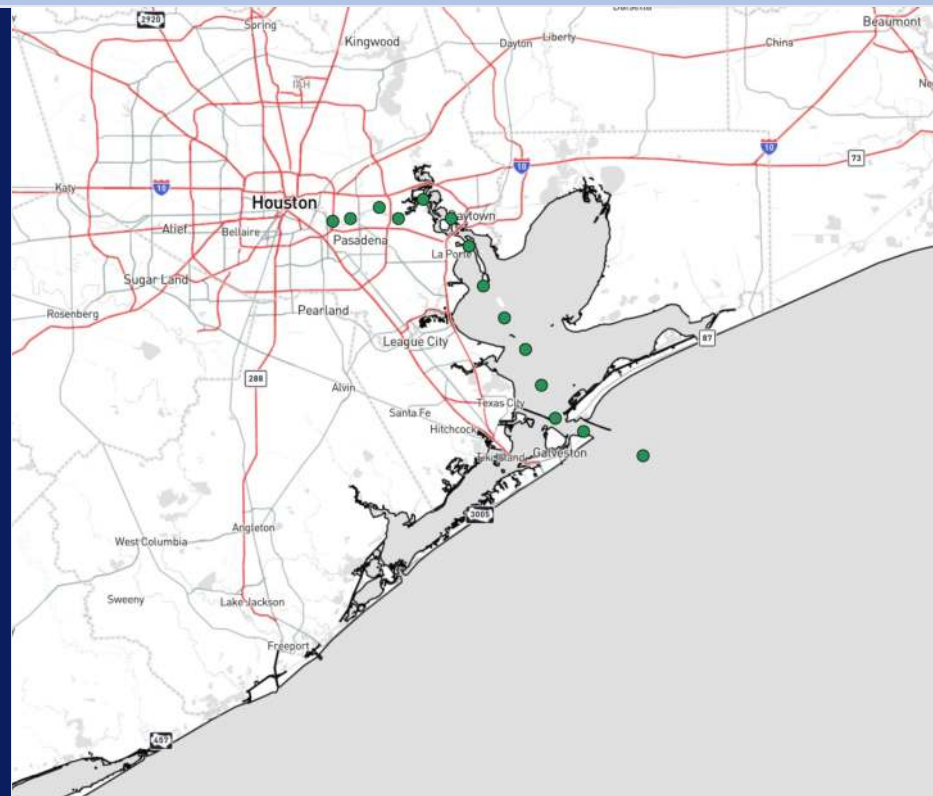
Updated: 2:00 AM CT

Wednesday, July 31, 2024

Forecaster: John Kemper

Weather Headlines

- Isolated showers and storms are possible through Thursday PM. No severe weather favored.
- **Continuing to track increasing 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.



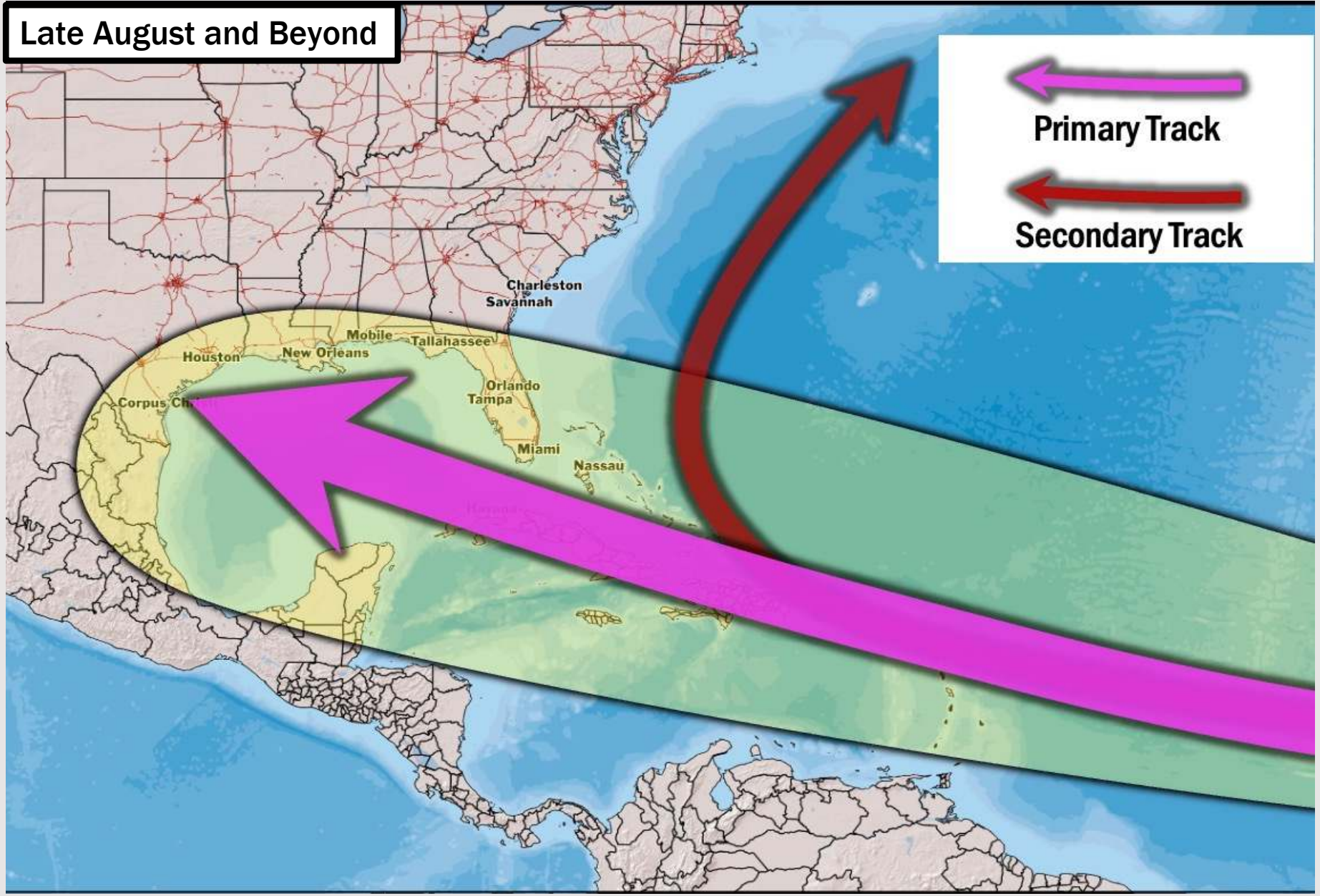
Current Radar: 1:45 AM CT



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

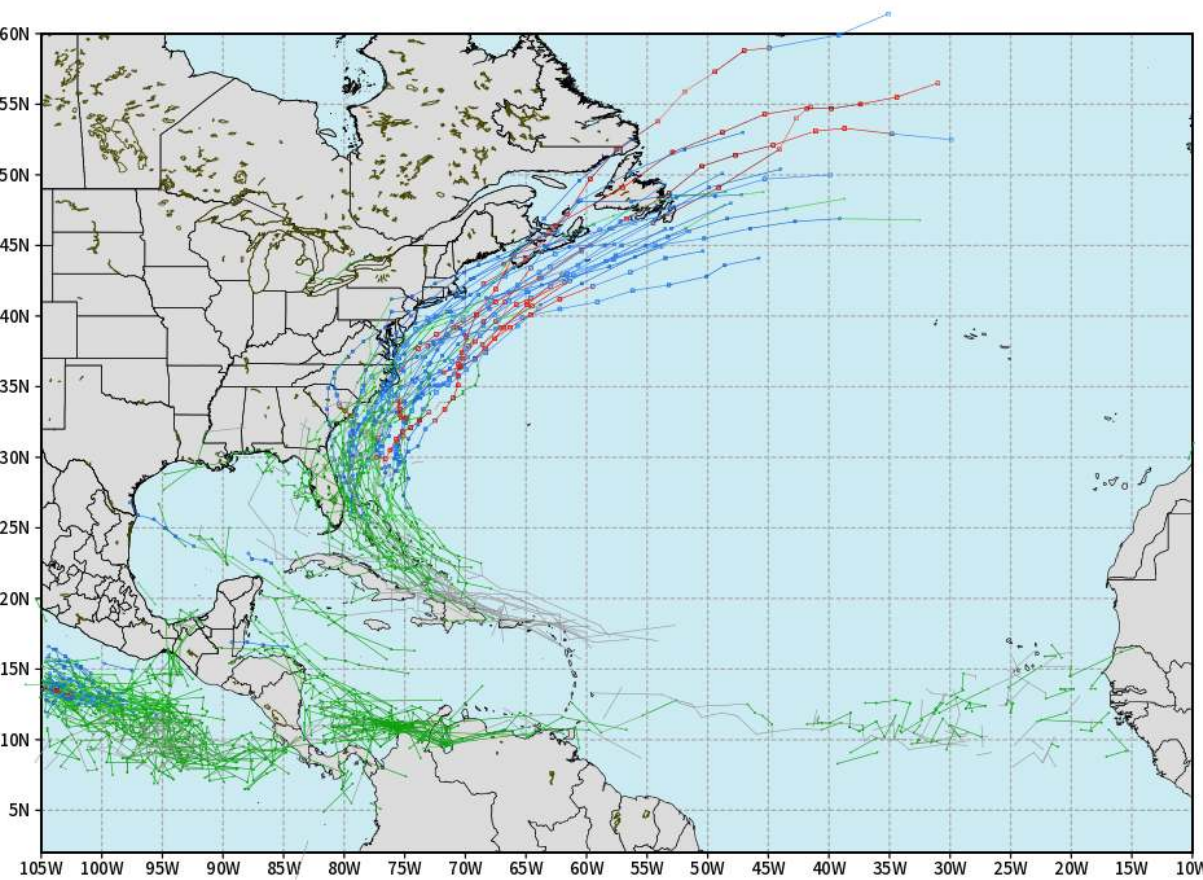


Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z30JUL2024 --> UNTIL 12Z09AUG2024

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 increased potential for development in the Tropical Atlantic late this week near the East Coast. No threat is currently anticipated for the HOU area with this possible system.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	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	Thu 1 am	Thu 2 am	
Houston Pilots N - 610 Bridge	10.1	7.9	7.9	7.9	7.9	6.9	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9	9	9	10.1	10.1	9	10.1	10.1	
Houston Pilots M - Kinder 1	9	7.9	6.9	7.9	7.9	6.9	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9	7.9	7.9	7.9	7.9	9	9	7.9	9	9	
Houston Pilots L - Greens Bayou	6.9	6.9	6.9	6.9	6.9	5.9	6.9	9	9	10.1	9	10.1	10.1	9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	8
Houston Pilots K - Shell Crude	6.9	6.9	6.9	6.9	6.9	5.9	6.9	7.9	7.9	7.9	7.9	9	9	7.9	6.9	6.9	5.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	8
Houston Pilots J - Lynchburg Ferries	6.9	6.9	6.9	6.9	6.9	5.9	6.9	9	9	10.1	10.1	10.1	10.1	9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	9
Houston Pilots I - Exxon 3	6.9	6.9	6.9	6.9	6.9	5.9	6.9	7.9	7.9	7.9	7.9	9	9	7.9	6.9	6.9	5.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	8
Houston Pilots H - Morgans Point	6.9	5.9	5.9	5.9	5.9	5.9	6.9	7.9	6.9	7.9	6.9	9	7.9	6.9	6.9	5.9	5.9	5.9	5.9	6.9	6.9	5.9	6.9	6.9	
Houston Pilots G - 75/76	6.9	5.9	6.9	6.9	6.9	5.9	6.9	7.9	6.9	6.9	6.9	9	9	7.9	6.9	6.9	5.9	6.9	5.9	6.9	6.9	6.9	6.9	12	12
Houston Pilots F - 63/64	6.9	6.9	6.9	6.9	6.9	5.9	6.9	7.9	6.9	7.9	7.9	9	9	7.9	6.9	6.9	5.9	6.9	6.9	6.9	6.9	6.9	6.9	12	12
Houston Pilots E - 51/52	6.9	6.9	6.9	6.9	7.9	6.9	7.9	10.1	7.9	10.1	10.1	10.1	10.1	9	6.9	6.9	6.9	6.9	6.9	7.9	7.9	6.9	12	12	
Houston Pilots D - 37/38	7.9	6.9	7.9	7.9	9	6.9	9	10.1	9	10.1	10.1	10.1	10.1	9	7.9	6.9	6.9	6.9	6.9	7.9	7.9	7.9	12	12	
Houston Pilots C - 25/26	9	7.9	7.9	7.9	10.1	6.9	9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.9	7.9	7.9	7.9	7.9	9	9	9	12	12	
Houston Pilots B - 11/12	9	9	9	9	10.1	7.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	7.9	7.9	7.9	7.9	7.9	9	9	9	12	12	
Houston Pilots A - 1 & 2 Bravo	10.1	9	9	10.1	10.1	7.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9	9	9	7.9	7.9	9	9	9	12	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

Above Normal Below Normal

Sustained wind 10 Knots

Gusts 15 Knots

Wind from the SE

Example

10

15

↙

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

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Houston Pilots: WED. 7/31/2024



Forecast Discussion

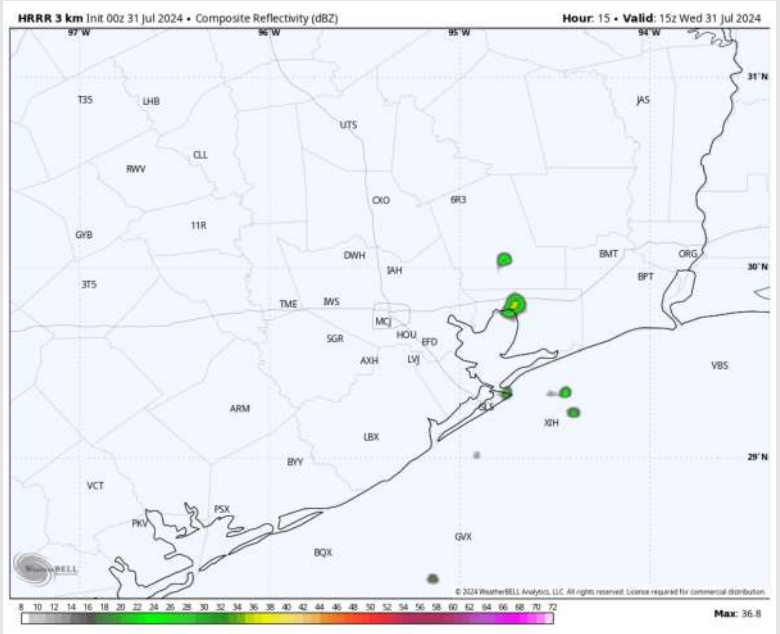
Precip: Favoring dry conditions for Wednesday, however an isolated (10%) light rain shower from 5 AM – 11 AM cannot be ruled out.

Wind: Winds favored to be out of the S through today. **N of Morgan's Point:** Winds will be at 4-9 kts through 2PM before slightly increasing to 7 – 12 kts. **S of Morgan's Point:** Winds begin the day at 10-15 kts and are expected to decrease to 7-12 kts by 6 PM and through the remainder of the day. **Gusts of up to 25kts will be possible for 11/12 and the Boarding Station between 2PM – 6PM.**

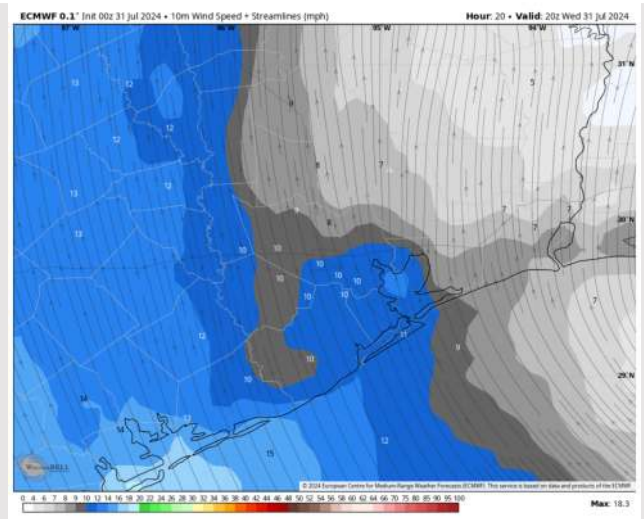
High Temps: **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** High 80s F to near 90 F.

Visibility: Widespread Haze will keep visibilities reduced between 6 – 10 miles at times.

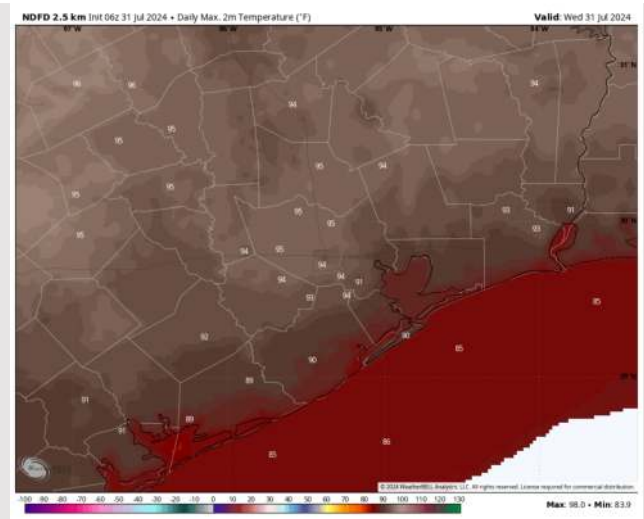
Precip Image: 10 AM CT



Wind Speed:
3 PM CT



High Temps
Today



Houston Pilots: THU. 8/1/2024



Forecast Discussion

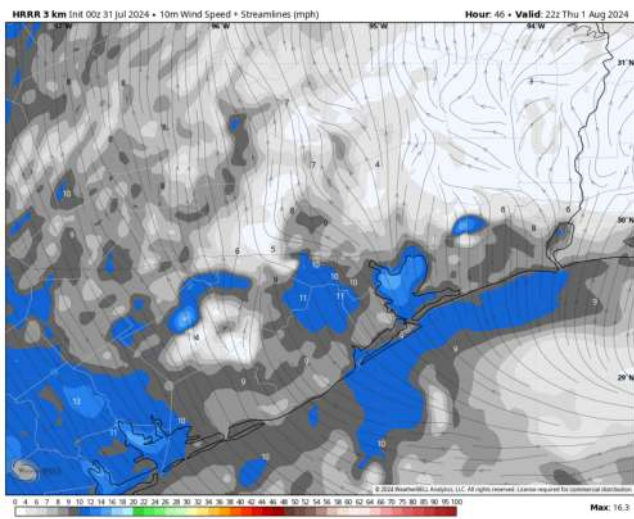
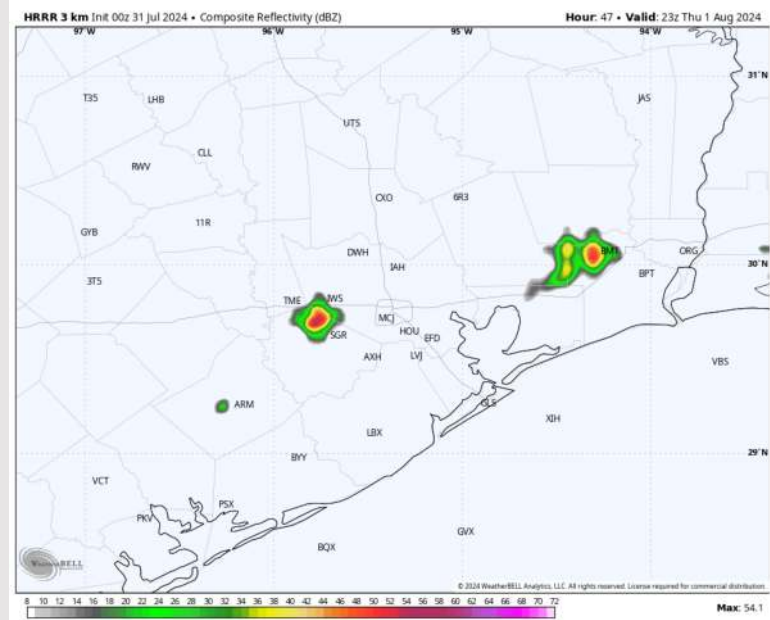
Precip: Pop Up Downpour/Storm Risks (20%) will be in play from 3PM – 8PM for all stations.

Wind: Winds will be out of the S / SE. **N of Morgan's Point:** Winds at 3 – 5kts through all of Thursday. **S of Morgan's Point:** Winds at 8 – 13 kts through 7 AM before weakening to 4 – 9 kts through 2PM. 8 – 13 kts resume after this timeframe.

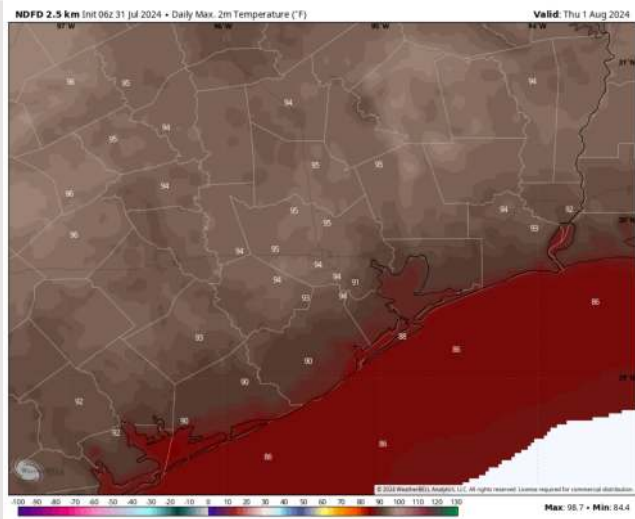
Low Temps: **N of Morgan's Point:** Mid to upper 90s F. **S of Morgan's Point:** Upper 80s F.

Visibility: No visibility concerns for Thursday.

Precip Image: 6 PM CT



Wind Speed:
5 PM CT

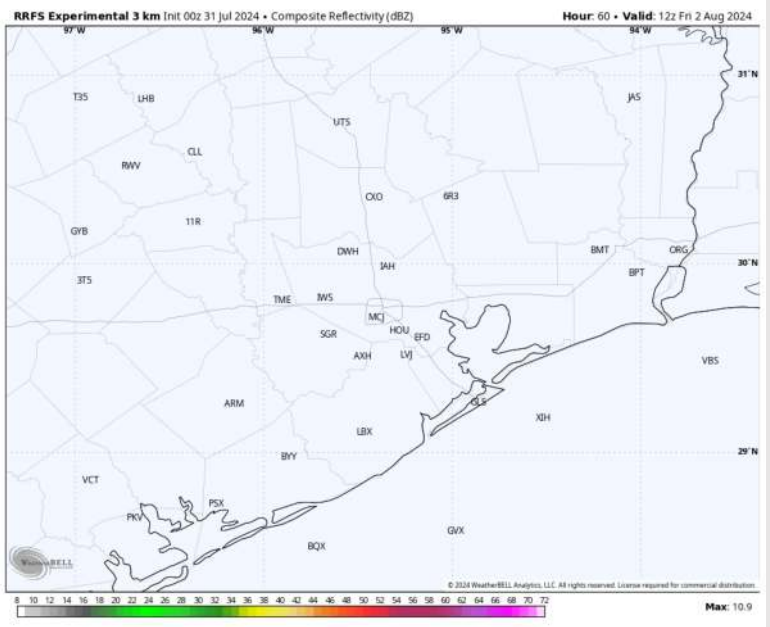


High Temps
Thursday

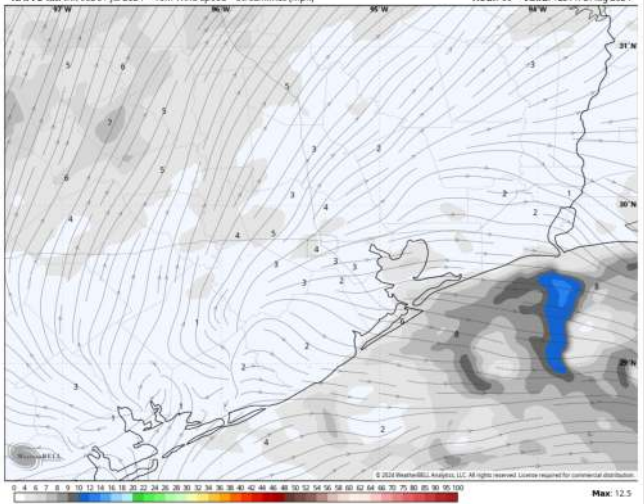
Forecast Discussion

- Precip:** Favoring dry conditions for Friday
- Wind:** Winds will shift counterclockwise from S to the SE from 10AM – 5PM on Friday. **N of Morgan's Point:** Winds at 3– 6 kts through 6PM before slightly increasing to 6 – 9 kts. **S of Morgan's Point:** Winds at 3 – 6 kts before increasing to 8 – 12 kts beyond 5PM for the rest of Friday Evening.
- Low Temps:** **N of Morgan's Point:** Mid 90s F. **S of Morgan's Point:** Upper 80s F.
- Visibility:** Not anticipating any fog concerns for Friday.

Precip Image: 7 AM CT

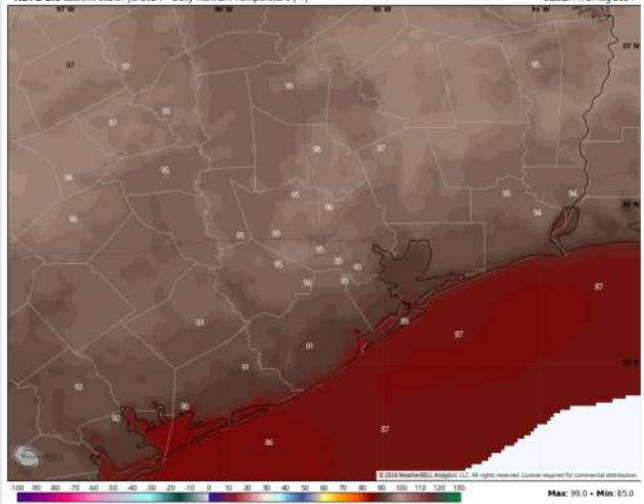


NAM 3 km Init 00z 31 Jul 2024 • 10m Wind Speed • Streamlines (mph) Hour: 00 • Valid: 12z Fri 2 Aug 2024



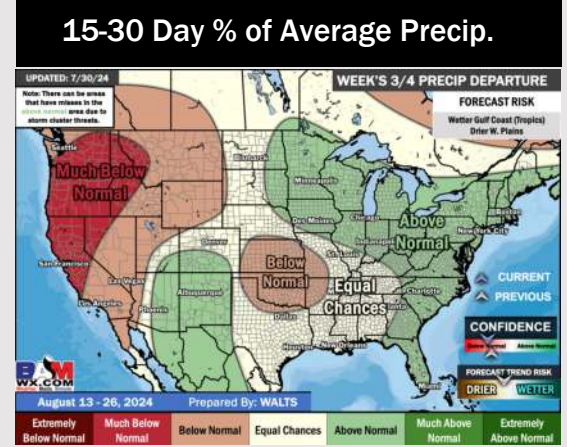
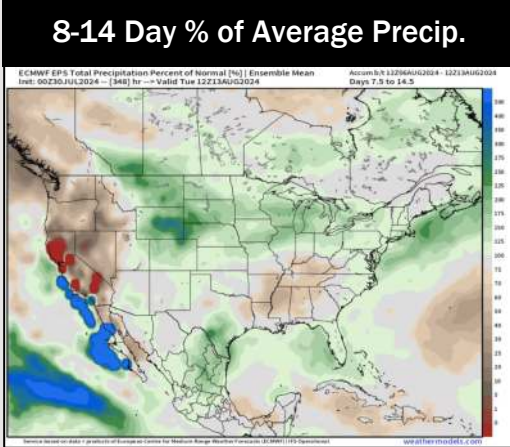
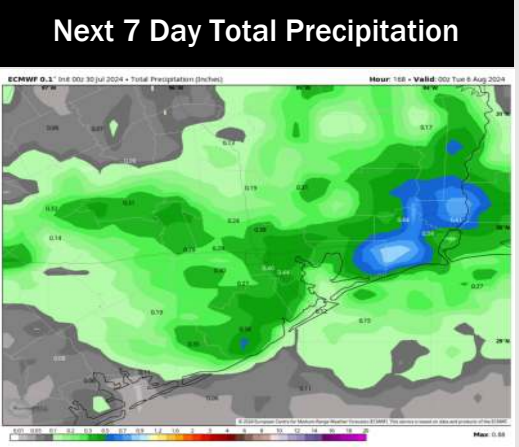
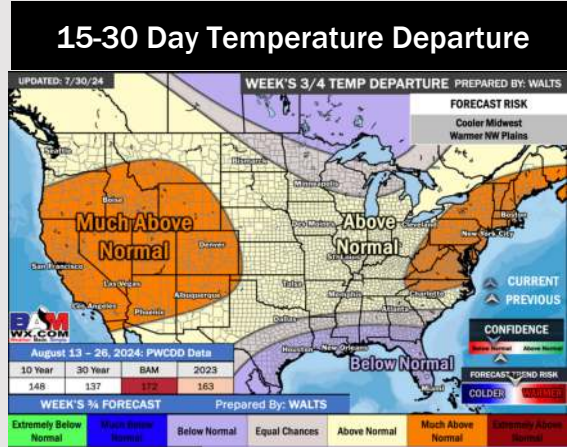
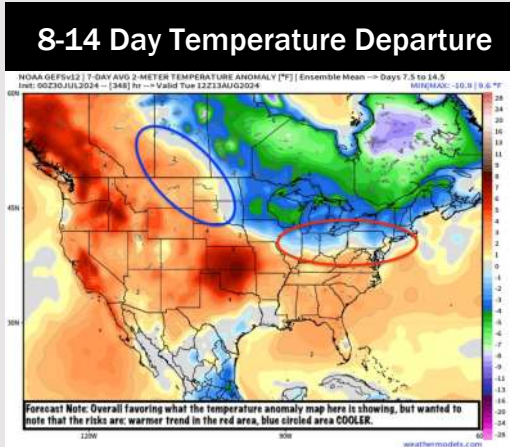
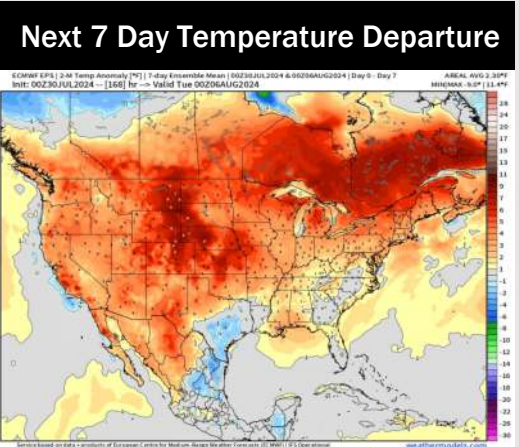
Wind Speed
7 AM CT

NDFD 2.5 km Init 06z 31 Jul 2024 • Daily Max. 2m Temperature (°F) Valid: Fri 2 Aug 2024



High Temps
Friday

Houston Pilots: 7/31/24



- Temps are expected to be slightly below normal for the week 1 timeframe. Expecting a generally drier week 1, with only minor precip chances throughout the week
- Seasonable temperatures and slightly above normal precipitation chances are favored for the week 2 timeframe.
- Below normal temperatures and normal precipitation chances are expected for the weeks 3/4 timeframe.