

Houston Pilots Forecast Package



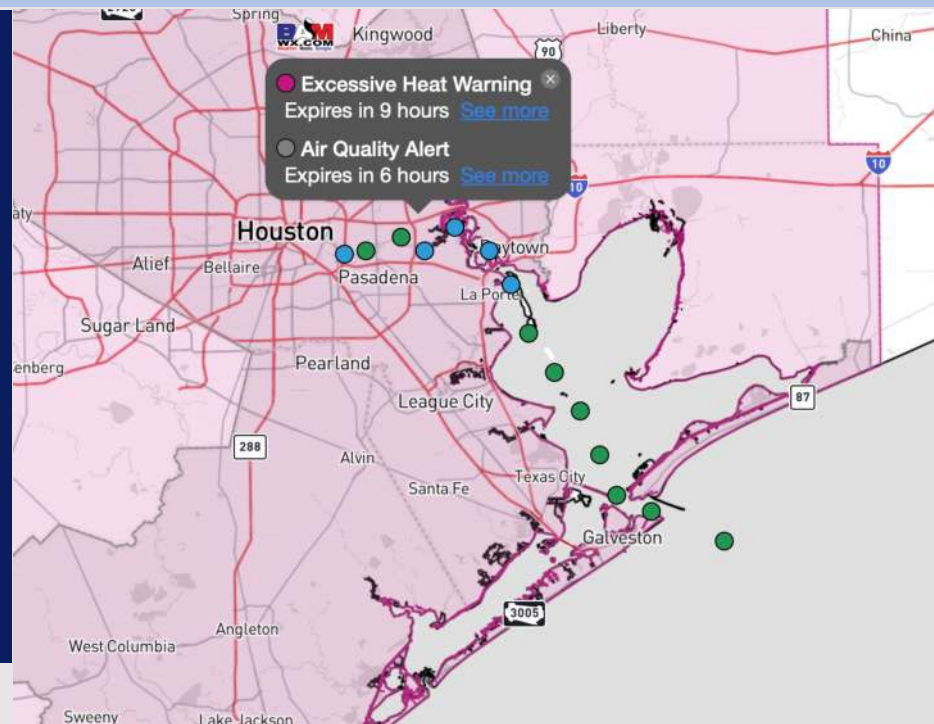
Updated: 12:40 PM CT

Wednesday, August 21, 2024

Forecaster: Hope Kleitsch

Weather Headlines

- Isolated rain chances for tomorrow and Friday.
- Not favoring any fog risks over the next few days.
- High temperatures expected to reach into the 100s today and tomorrow.



Current Radar: 12:35 PM CT



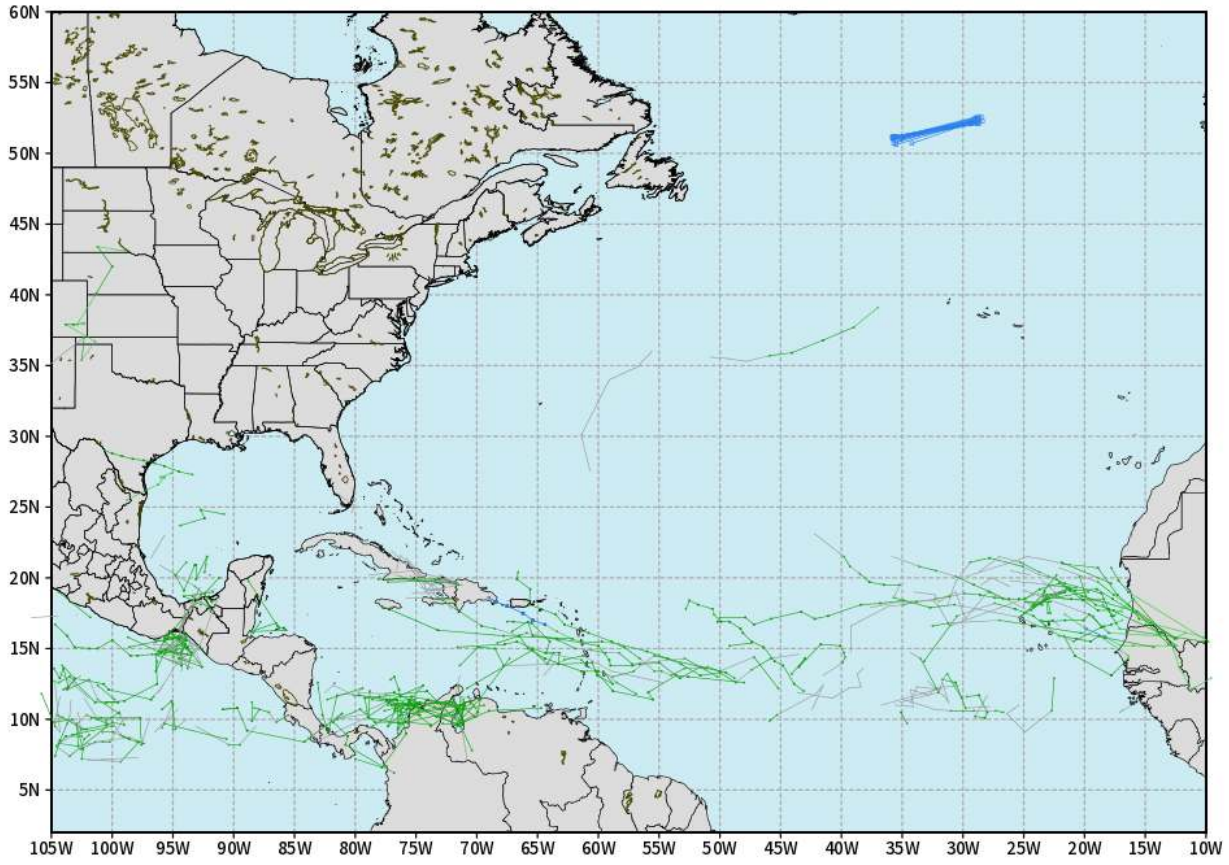
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z21AUG2024 --> UNTIL 00Z31AUG2024

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 threats in the Gulf of Mexico through at least the next 7 days.

Continuing to favor increase in tropical development towards end of August. Main area of focus just E of Lesser Antilles.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Visibility	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	Thu 3 am	Thu 4 am	Thu 5 am	Thu 6 am	Thu 7 am	Thu 8 am	Thu 9 am	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 pm
Houston Pilots N - 610 Bridge	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 M - Kinder 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	10.1
Houston Pilots L - Greens Bayou	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 K - Shell Crude	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 J - Lynchburg Ferries	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 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	12	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	12	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	12	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	12	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	12	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	12	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	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 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	Thu 3 am	Thu 4 am	Thu 5 am	Thu 6 am	Thu 7 am	Thu 8 am	Thu 9 am	Thu 10 am	Thu 11 am	Thu 12 pm	Thu 1 pm	
Houston Pilots N - 610 Bridge	6 12 ↙	6 12 ↙	6 13 ↙	7 14 ↙	8 14 ↙	8 15 ↙	8 15 ↙	8 15 ↙	7 13 ↙	6 12 ↙	6 10 ↙	5 9 ↙	3 8 ↙	3 8 ↙	3 7 ↙	3 6 ↙	2 6 ↙	2 6 ↙	3 6 ↙	3 6 ↙	3 7 ↙	3 7 ↙	3 8 ↙	3 8 ↙	5 9 ↙
Houston Pilots M - Kinder 1	6 12 ↙	6 12 ↙	6 13 ↙	7 14 ↙	8 14 ↙	8 15 ↙	8 15 ↙	8 15 ↙	7 13 ↙	6 12 ↙	6 10 ↙	5 9 ↙	3 8 ↙	3 7 ↙	3 7 ↙	3 6 ↙	2 6 ↙	2 6 ↙	3 6 ↙	3 6 ↙	3 7 ↙	3 7 ↙	3 8 ↙	3 8 ↙	5 9 ↙
Houston Pilots L - Greens Bayou	6 12 ↙	6 12 ↙	7 13 ↙	7 14 ↙	8 14 ↙	8 15 ↙	8 15 ↙	7 14 ↙	6 13 ↙	6 12 ↙	5 9 ↙	3 8 ↙	3 8 ↙	3 7 ↙	3 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	3 7 ↙	3 8 ↙	3 8 ↙	5 9 ↙
Houston Pilots K - Shell Crude	6 12 ↙	6 12 ↙	7 13 ↙	7 14 ↙	8 14 ↙	8 15 ↙	8 15 ↙	7 14 ↙	6 13 ↙	6 12 ↙	5 9 ↙	3 8 ↙	3 8 ↙	3 7 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 6 ↙	3 7 ↙	3 7 ↙	3 8 ↙	5 9 ↙
Houston Pilots J - Lynchburg Ferries	6 12 ↙	6 12 ↙	7 13 ↙	7 14 ↙	8 14 ↙	8 15 ↙	8 15 ↙	6 14 ↙	6 12 ↙	5 10 ↙	3 9 ↙	3 8 ↙	3 7 ↙	2 6 ↙	2 6 ↙	2 6 ↙	2 5 ↙	2 5 ↙	2 6 ↙	2 6 ↙	2 6 ↙	3 7 ↙	3 8 ↙	3 8 ↙	3 9 ↙
Houston Pilots I - Exxon 3	8 13 ↙	9 15 ↙	10 15 ↙	10 16 ↙	10 16 ↙	12 17 ↙	12 16 ↙	10 15 ↙	10 14 ↙	9 14 ↙	8 12 ↙	8 10 ↙	7 10 ↙	6 9 ↙	6 8 ↙	6 8 ↙	5 7 ↙	5 7 ↙	6 8 ↙	5 8 ↙	5 8 ↙	5 8 ↙	6 9 ↙	6 9 ↙	6 10 ↙
Houston Pilots H - Morgans Point	8 13 ↙	9 14 ↙	10 15 ↙	10 16 ↙	10 16 ↙	10 16 ↙	10 16 ↙	10 15 ↙	10 14 ↙	9 13 ↙	8 12 ↙	8 10 ↙	7 10 ↙	6 9 ↙	6 8 ↙	6 8 ↙	5 7 ↙	5 7 ↙	5 7 ↙	5 8 ↙	5 8 ↙	5 8 ↙	6 9 ↙	6 9 ↙	6 10 ↙
Houston Pilots G - 75/76	8 13 ↙	9 15 ↙	10 15 ↙	10 16 ↙	10 16 ↙	10 17 ↙	12 16 ↙	10 15 ↙	10 15 ↙	10 14 ↙	9 13 ↙	8 12 ↙	8 12 ↙	8 10 ↙	7 9 ↙	6 9 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 9 ↙	6 10 ↙	6 10 ↙	6 10 ↙
Houston Pilots F - 63/64	8 13 ↙	8 14 ↙	9 15 ↙	10 15 ↙	10 16 ↙	10 16 ↙	10 16 ↙	10 15 ↙	10 14 ↙	10 14 ↙	9 13 ↙	8 12 ↙	8 12 ↙	8 10 ↙	7 9 ↙	6 9 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 9 ↙	6 10 ↙	6 10 ↙	6 10 ↙
Houston Pilots E - 51/52	8 13 ↙	8 14 ↙	8 14 ↙	9 15 ↙	10 15 ↙	10 16 ↙	10 15 ↙	10 14 ↙	10 14 ↙	9 13 ↙	8 13 ↙	8 12 ↙	8 12 ↙	7 10 ↙	6 9 ↙	6 9 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 9 ↙	6 9 ↙	6 9 ↙
Houston Pilots D - 37/38	8 13 ↙	8 13 ↙	8 13 ↙	9 14 ↙	9 14 ↙	9 15 ↙	10 15 ↙	9 14 ↙	9 13 ↙	9 13 ↙	8 13 ↙	8 12 ↙	8 12 ↙	7 10 ↙	7 9 ↙	6 9 ↙	6 8 ↙	6 8 ↙	6 8 ↙	5 8 ↙	5 8 ↙	6 8 ↙	6 9 ↙	6 9 ↙	6 9 ↙
Houston Pilots C - 25/26	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 14 ↙	8 14 ↙	8 14 ↙	8 14 ↙	7 13 ↙	7 13 ↙	7 12 ↙	7 12 ↙	6 12 ↙	6 10 ↙	6 9 ↙	6 9 ↙	6 8 ↙	6 8 ↙	5 7 ↙	5 7 ↙	5 8 ↙	6 8 ↙	6 8 ↙	6 9 ↙	6 9 ↙
Houston Pilots B - 11/12	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	7 12 ↙	7 12 ↙	7 12 ↙	6 12 ↙	6 10 ↙	6 10 ↙	6 9 ↙	6 8 ↙	6 8 ↙	5 7 ↙	5 7 ↙	5 7 ↙	5 7 ↙	5 8 ↙	6 8 ↙	6 9 ↙	6 9 ↙
Houston Pilots A - 1 & 2 Bravo	7 12 ↙	7 12 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 13 ↙	8 12 ↙	8 13 ↙	8 12 ↙	8 12 ↙	8 12 ↙	7 10 ↙	7 10 ↙	6 9 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙	6 8 ↙

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Houston Pilots: WED. 8/21/2024



Forecast Discussion

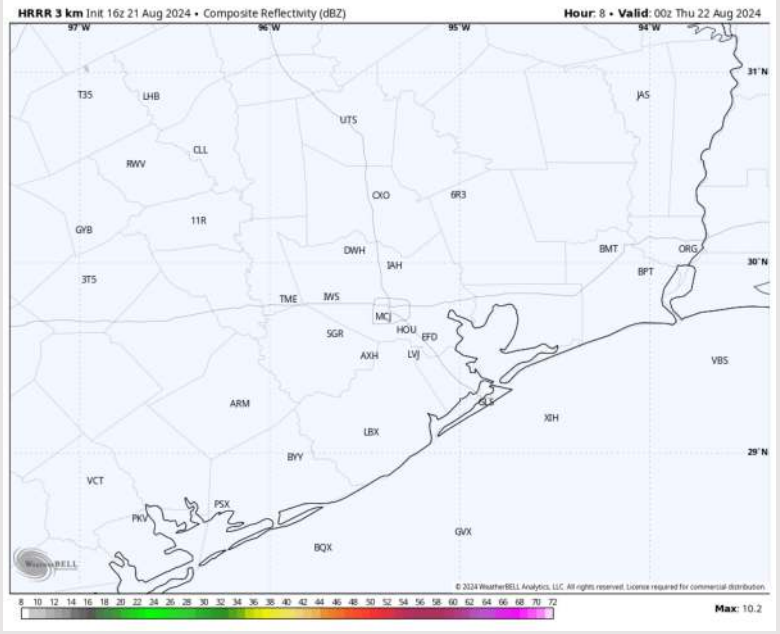
Precip: Dry conditions are favored throughout the rest of the night.

Wind: Winds will be out of the SE through rest of the day. **N of Morgan's Point:** Winds will be at 5 – 9 kts through the rest of the night. **S of Morgan's Point:** Winds will be at 7 – 12 kts through the remainder of the day.

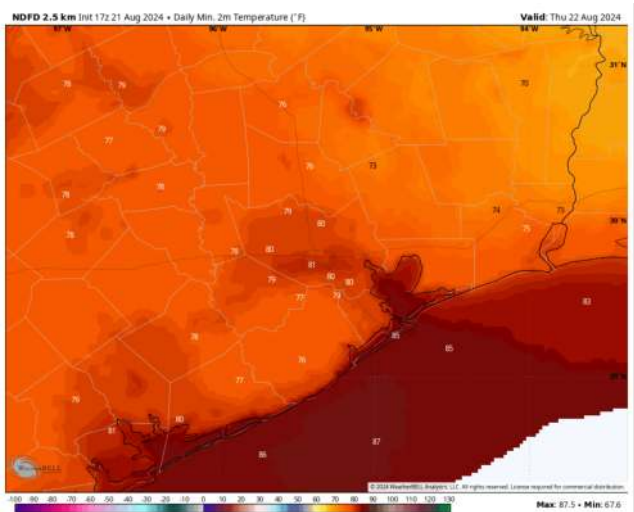
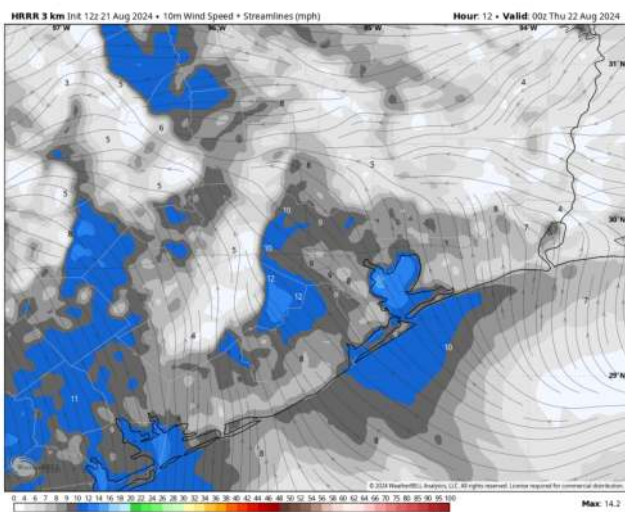
Low Temps: **N of Morgan's Point:** Near 80 F. **S of Morgan's Point:** Lower to mid 80s F.

Visibility: Not favoring any visibility concerns for today.

Precip Image: 7 PM CT



Wind Speed:
7 PM CT



Low Temps
THU AM

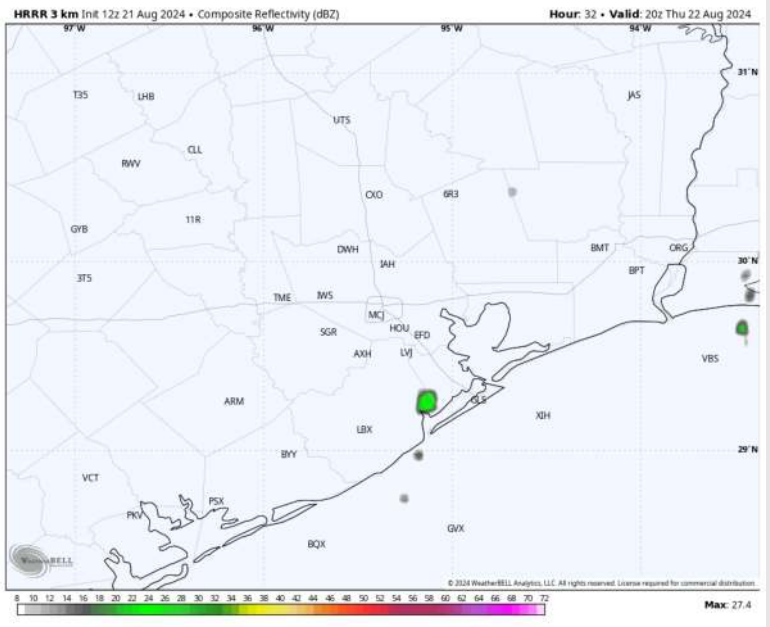
Houston Pilots: THU. 8/22/2024



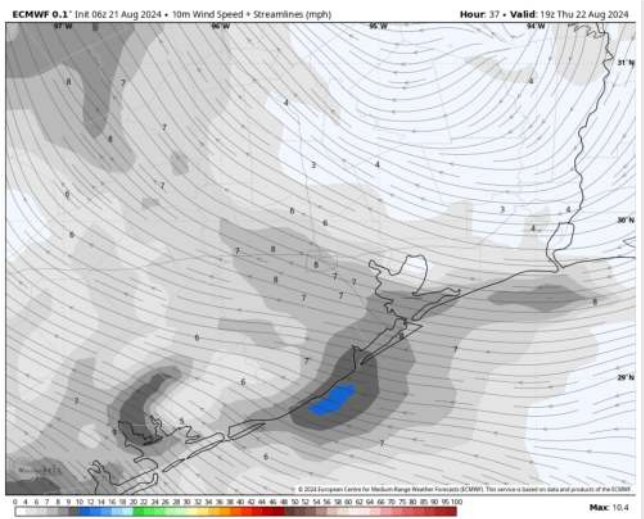
Forecast Discussion

- Precip:** Isolated pop-up showers / storms (20%) will be possible for all stations from 12 PM – 6 PM. Dry conditions are favored for the rest of the night.
- Wind:** Winds will be generally out of the E/SE throughout the day, becoming variable at times. **N of Morgan's Point:** Winds at 3 – 8 kts through the day. **S of Morgan's Point:** Winds at 4 – 8 kts through 7 PM, slowly increasing to 8 – 13 kts through the rest of the PM.
- High Temps:** **N of Morgan's Point:** Near 100 F. **S of Morgan's Point:** Lower to mid 90s F.
- Visibility:** Not anticipating any visibility concerns for Thursday.

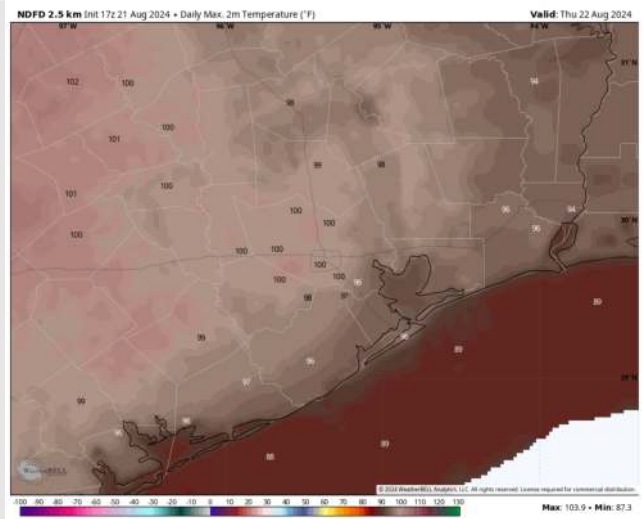
Precip Image: 3 PM CT



Wind Speed:
2 PM CT



High Temps
Thursday



Houston Pilots: FRI. 8/23/2024



Forecast Discussion

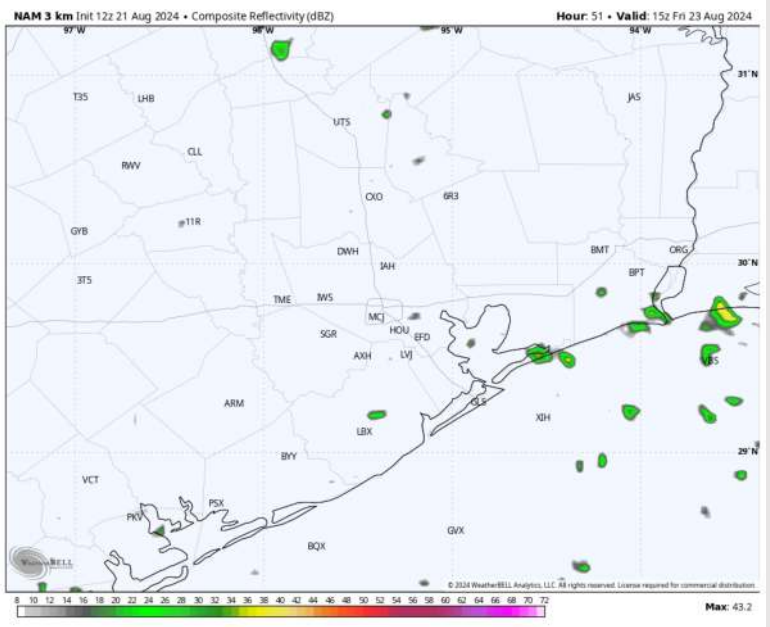
Precip: 10% chance for a brief shower from 7 AM – 12 PM. Dry conditions are favored for the rest of Friday.

Wind: Variable winds will be present until 11 AM where they will settle out of the E/SE for the rest of Friday. **N of Morgan's Point:** Winds at 2 – 8 kts through the entire day. **S of Morgan's Point:** Winds at 3 – 8 kts through 3 PM before increasing to 5 – 10kts for the rest of the night.

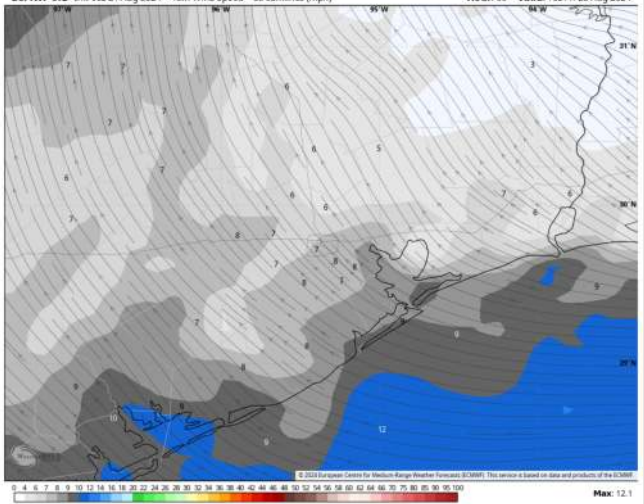
High Temps: **N of Morgan's Point:** Mid to upper 90s F. **S of Morgan's Point:** Near 90 F.

Visibility: Not anticipating any visibility concerns for Friday.

Precip Image: 10 AM CT

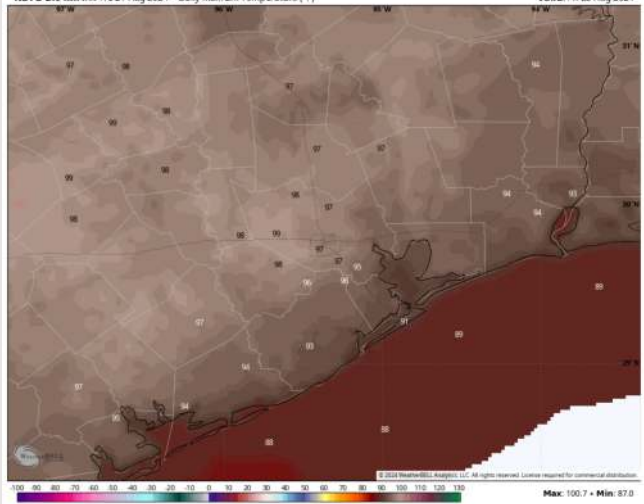


ECMWF 0.1° Init 06z 21 Aug 2024 • 10m Wind Speed • Streamlines (mph) Hour: 60 • Valid: 18z Fri 23 Aug 2024



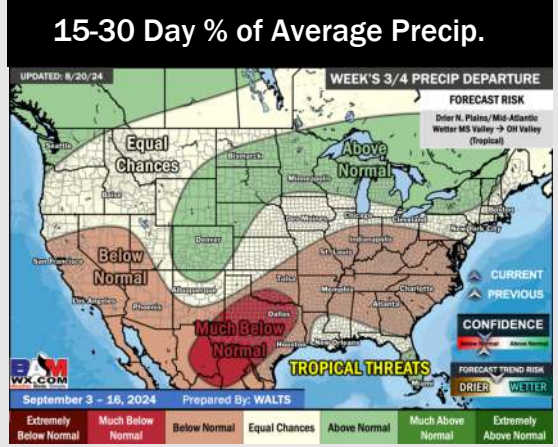
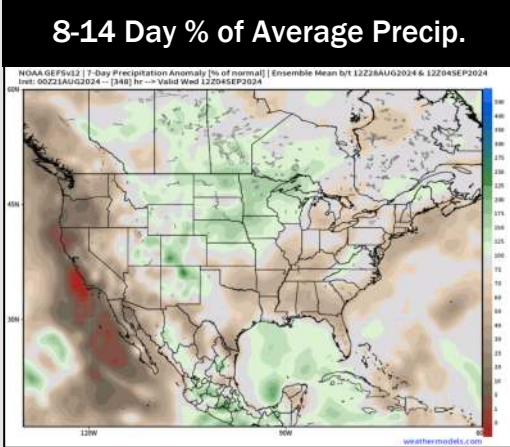
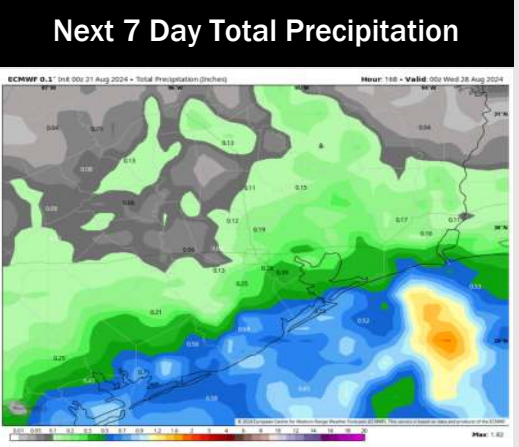
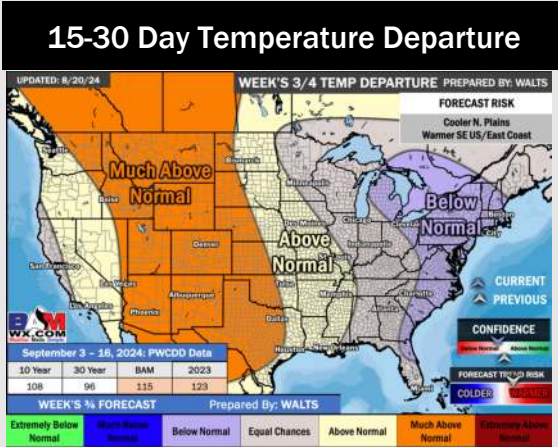
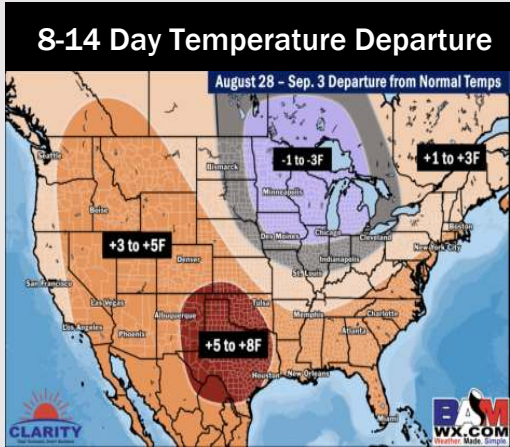
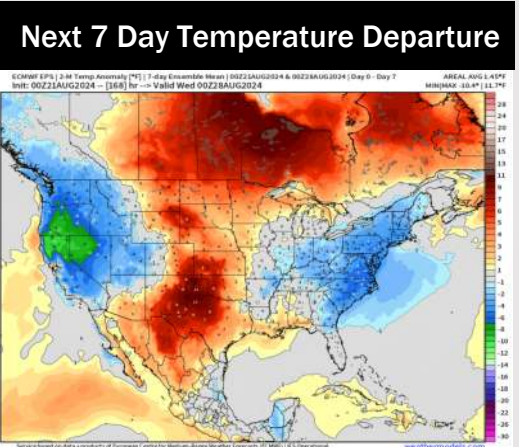
Wind Speed
1 PM CT

NDFD 2.5 km Init 17z 21 Aug 2024 • Daily Max, 2m Temperature (°F) Valid: Fri 23 Aug 2024



High Temps
Friday

Houston Pilots: 8/21/24



- Temps are expected to be above normal for the week 1 timeframe. Although more dry time than not, we are expecting a few hit/miss rain chances are expected daily.
- Above average temperatures and slightly below / near normal precipitation chances are favored for the week 2 timeframe.
- Above normal temperatures and below average precipitation chances are expected for the weeks 3/4 timeframe. As we approach late August & going into September, Atlantic tropical activity looks to ramp up. We will be monitoring closely and providing updates as needed.