

Houston Pilots Forecast Package



Updated: 12:50 PM CT

Tuesday, August 27, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Scattered showers and storms possible over the next few days, with **~30 – 40 kt gusts in play.**
- Monitoring a gradual increase in tropical activity across the Atlantic over the next 1– 2 weeks.
- Not favoring any fog risks over the next few days.



Current Radar: 12:15 PM CT



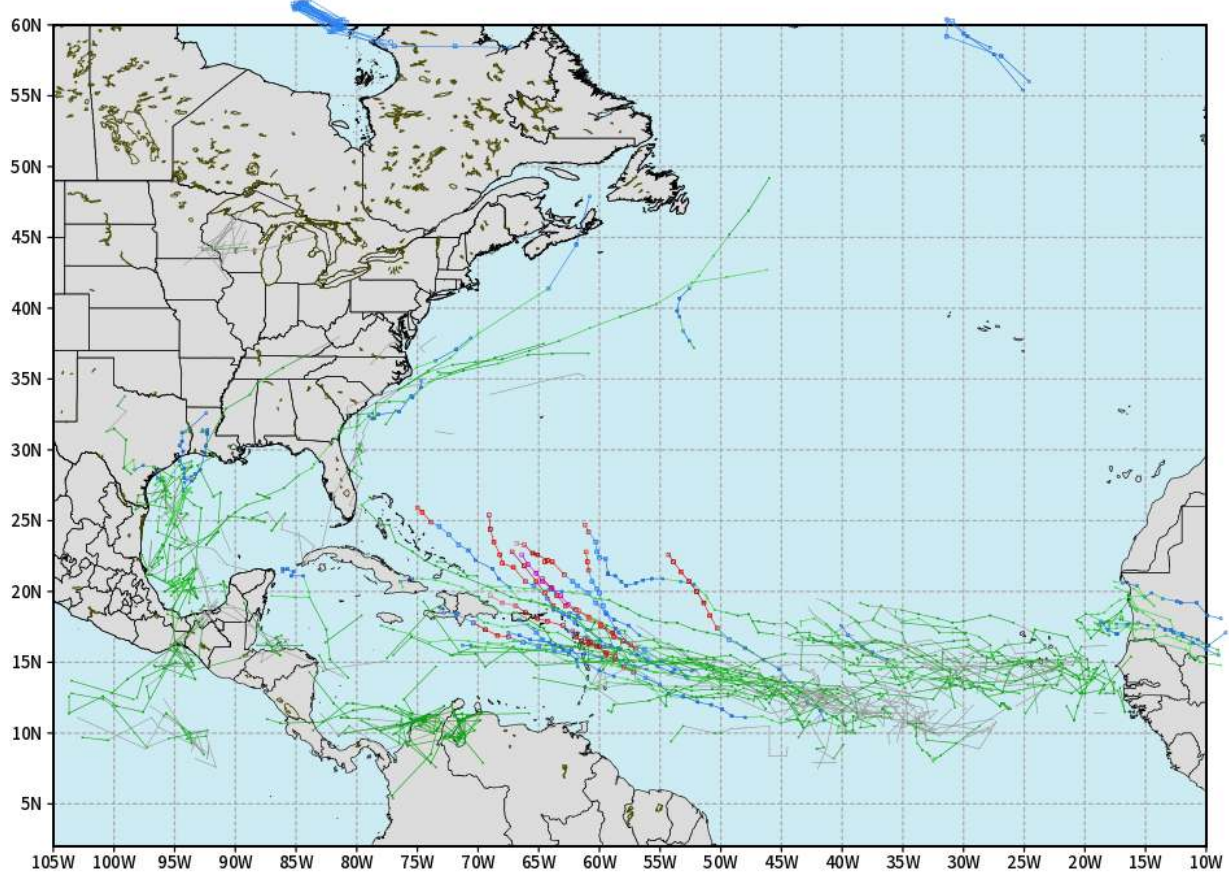
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z27AUG2024 --> UNTIL 00Z06SEP2024

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

Monitoring very low-end potential for development in the Gulf of Mexico for Next Sunday, however not favoring any significant threats through at least the next 7 days.

Favoring Tropical System to Develop E of the Lesser Antilles later this week.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



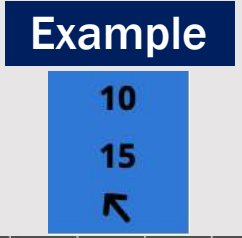
Visibility	Tue 2 pm	Tue 3 pm	Tue 4 pm	Tue 5 pm	Tue 6 pm	Tue 7 pm	Tue 8 pm	Tue 9 pm	Tue 10 pm	Tue 11 pm	Wed 12 am	Wed 1 am	Wed 2 am	Wed 3 am	Wed 4 am	Wed 5 am	Wed 6 am	Wed 7 am	Wed 8 am	Wed 9 am	Wed 10 am	Wed 11 am	Wed 12 pm	Wed 1 pm
Houston Pilots N - 610 Bridge	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	9	6.9	9	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	9	6.9	9	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	9	6.9	7.9	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	9	6.9	7.9	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	9	6.9	7.9	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	9	6.9	7.9	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	9	6.9	7.9	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	9	9	10.1	10.1	9	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	9	10.1	10.1	9	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	9	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	9	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	9	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	9	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



Sustained wind 10 Knots
 Gusts 15 Knots
 Wind from the SE



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

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Forecast Discussion

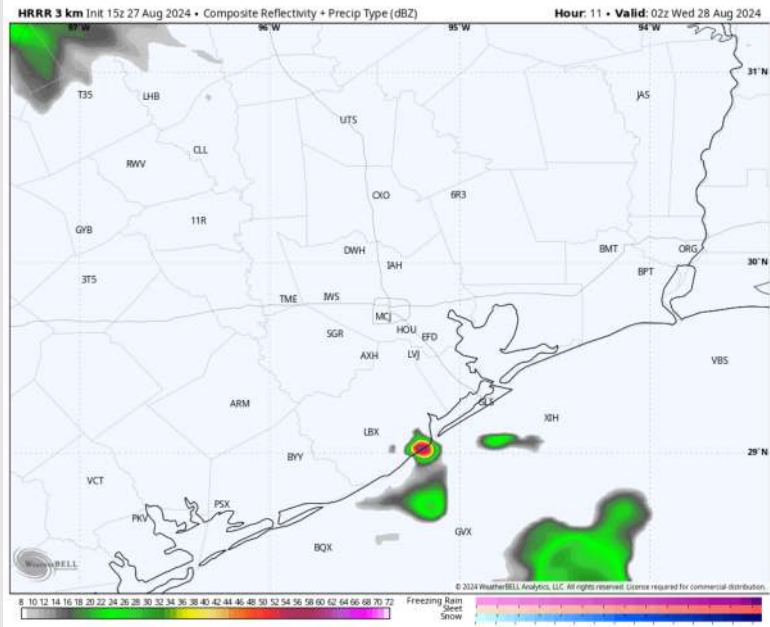
Precip: Favoring scattered showers/storms to continue through 5 – 6 PM today (60%). After 6 PM, shower chances will be very isolated lasting until 11 PM. Severe weather is not favored with these storms, however, **lightning and gusts of 30 – 40 kts will be possible (greatest risk being now through 4 PM.)**

Wind: Winds will be generally variable, with a shift to out of the southeast by ~6 – 7 PM. **N of Morgan's Point:** Winds will be at 3 – 8 kts throughout the day. **S of Morgan's Point:** Winds will be 6 – 11 kts throughout the day with non-storm gusts of 15 MPH.

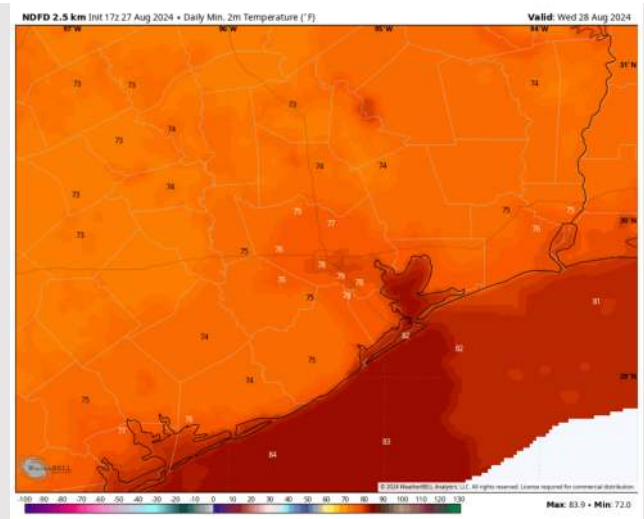
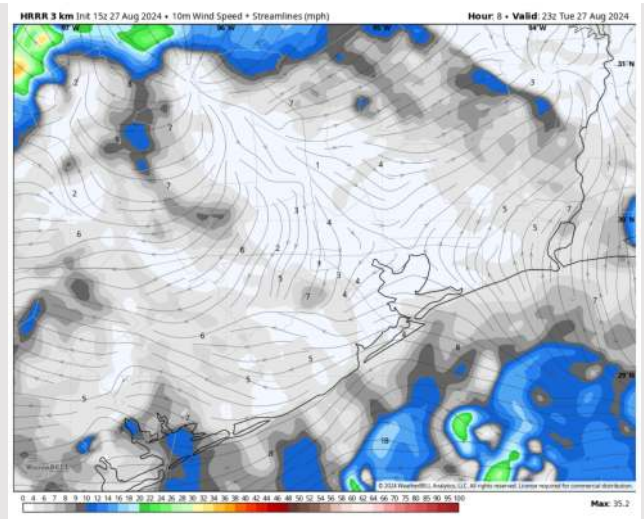
Low Temps: **N of Morgan's Point:** Upper 70s F. **S of Morgan's Point:** Low to Mid 80s F.

Visibility: Not favoring any fog concerns this PM, however, visibilities can be reduced in heavy downpours.

Precip Image: 9 PM CT



Wind Speed:
6 PM CT



Low Temps
WED AM

Houston Pilots: WED. 8/28/2024



Forecast Discussion

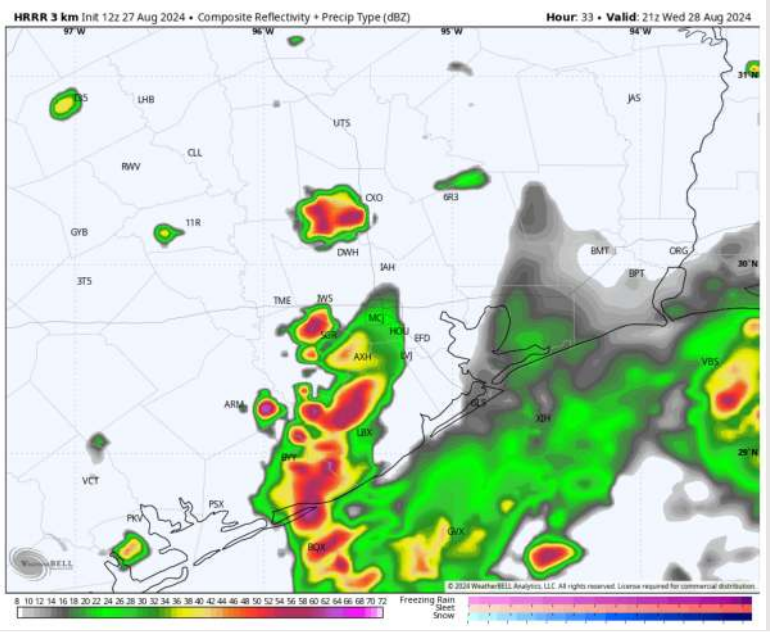
Precip: Scattered (30%) chances of downpours / storms will be possible from 10AM – 6PM, with the greatest risk being between 10AM – 1PM. Favoring dry conditions after 6 PM with a couple isolated storms working in around 11 PM. **Wind gusts in storms can reach 35 - 45 kts.**

Wind: Winds will start out of the NE in the AM, transitioning out of the E/SE by 3 PM and staying put throughout the rest of Wednesday. **N of Morgan's Point:** Winds at 4 – 8 kts throughout the day. **S of Morgan's Point:** Winds at 5 – 7 kts through 7AM, before winds increase to 8 – 12 kts throughout the rest of the day.

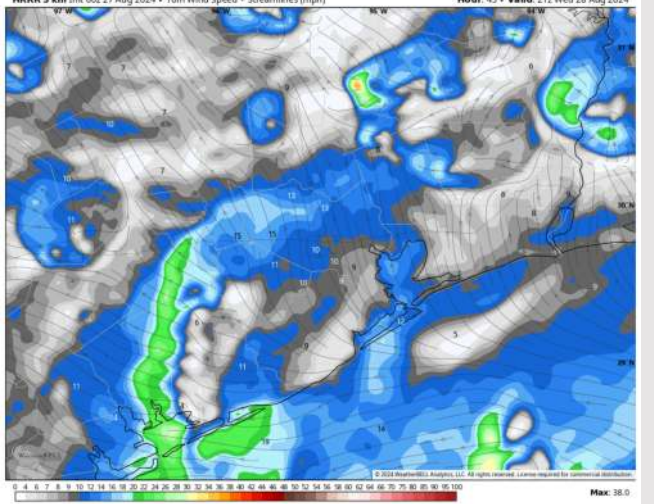
High Temps: **N of Morgan's Point:** Lower 90s F. **S of Morgan's Point:** Near 90 F.

Visibility: Not anticipating any visibility concerns Wednesday, however, visibilities can be reduced in heavy downpours.

Precip Image: 4 PM CT

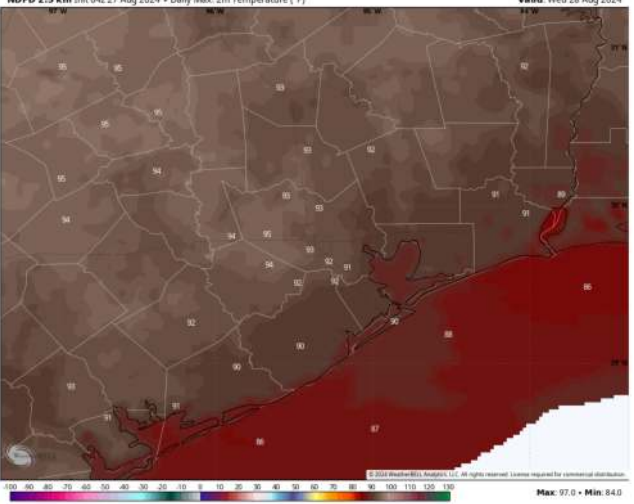


HRRR 3 km Init 00z 27 Aug 2024 • 10m Wind Speed + Streamlines (mph) Hour: 45 • Valid: 21z Wed 28 Aug 2024



Wind Speed:
4 PM CT

NDFD 2.5 km Init 04z 27 Aug 2024 • Daily Max. 2m Temperature (°F) Valid Wed 28 Aug 2024



High Temps
Wednesday

Houston Pilots: THU. 8/29/2024



Forecast Discussion

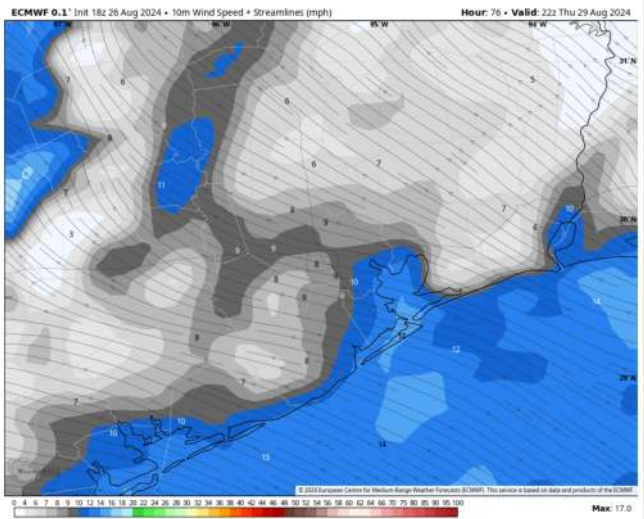
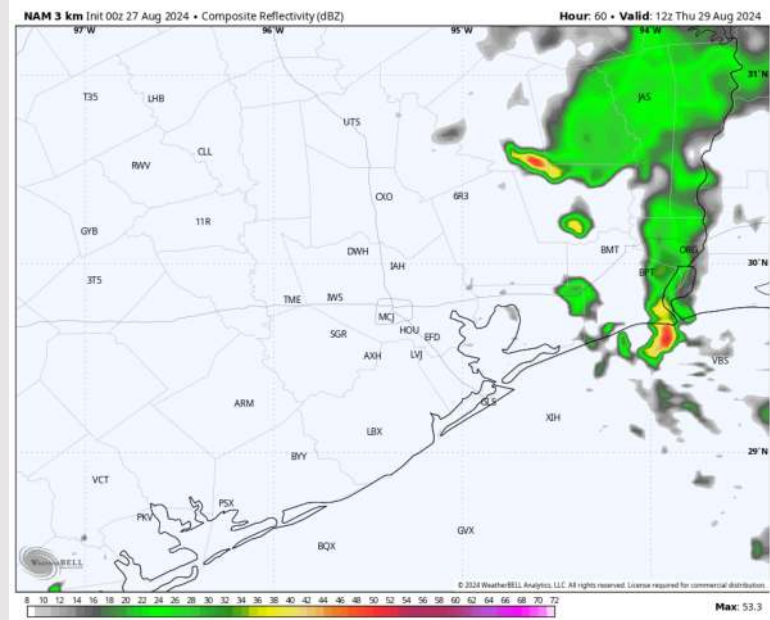
Precip: Showers / storms will be possible from 7AM – 5PM (20% chances for all stations). **Lightning and gusts of 25 - 30 kts will be possible with storms.**

Wind: Winds will be generally out of the S/SE throughout the day. **N of Morgan's Point:** Winds at 4 – 9 kts through all of Thursday. **S of Morgan's Point:** Winds at 8 – 13 kts through all of Thursday.

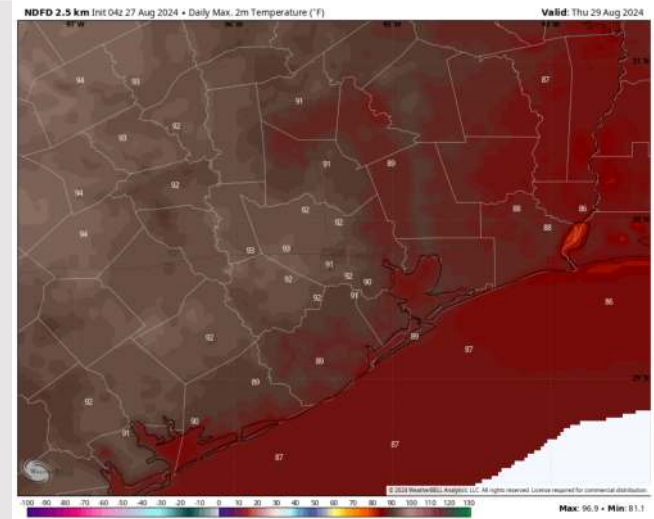
High Temps: **N of Morgan's Point:** Lower 90s F. **S of Morgan's Point:** Upper 80s F.

Visibility: Not anticipating any fog concerns for Thursday.

Precip Image: 7 AM CT

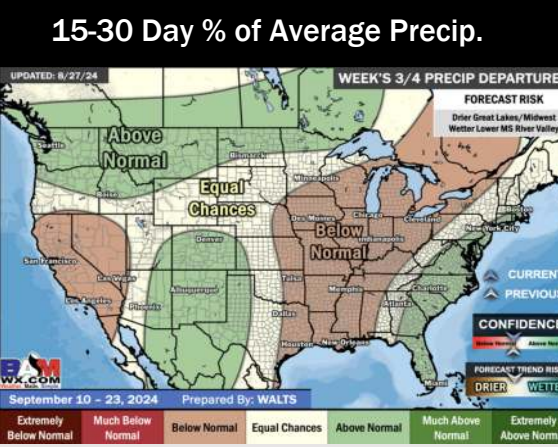
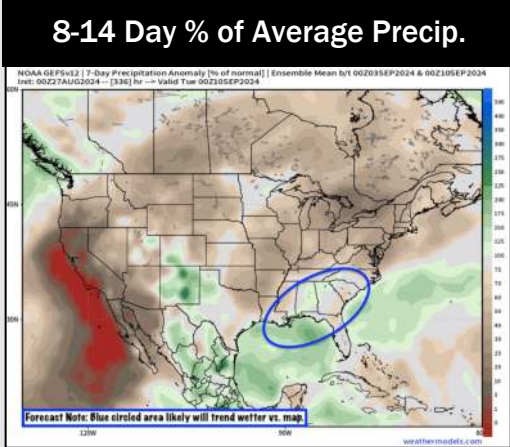
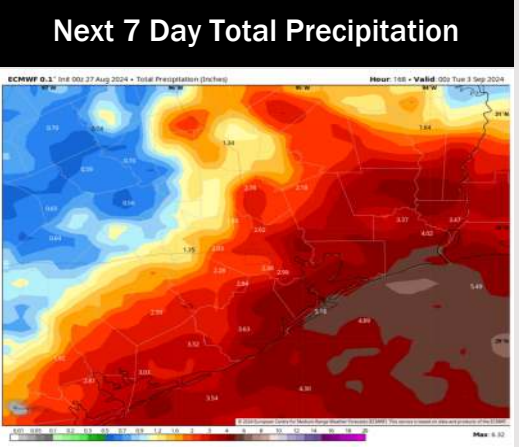
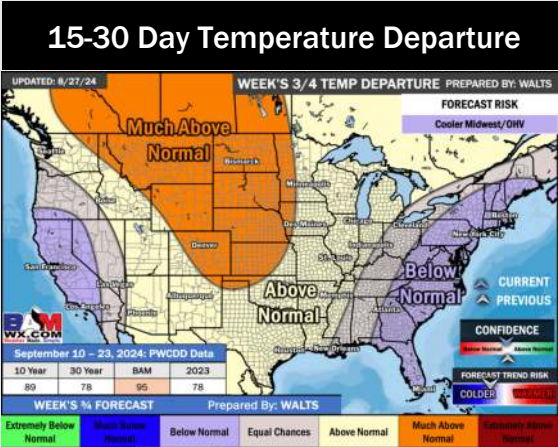
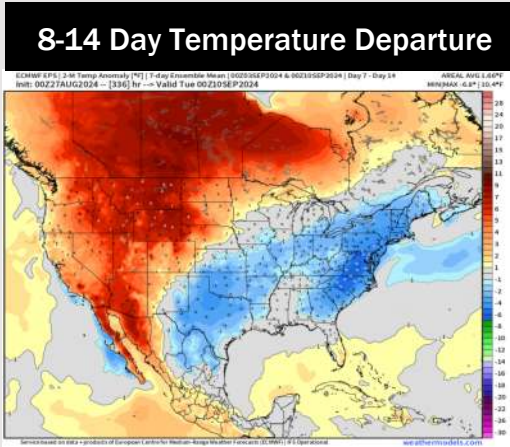
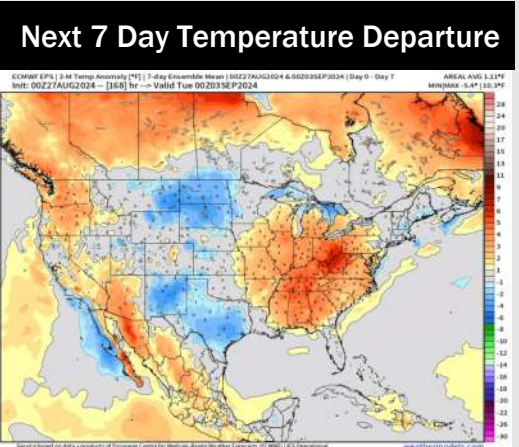


Wind Speed
5 PM CT



High Temps
Thursday

Houston Pilots: 8/27/24



- Temps are expected to be slightly below normal for the week 1 timeframe. Scattered rain chances are expected daily through the next week.
- Above normal temperatures are favored into week 2 with near normal rain chances.
- Above normal temperatures and below average precipitation chances are expected for the weeks 3/4 timeframe. As we approach the beginning of September, Atlantic tropical activity looks to ramp up. We will be monitoring closely and providing updates as needed.