

Houston Pilots Forecast Package



Updated: 1:30 PM CT

Wednesday, July 24, 2024

Forecaster: Alyssa Elliott

Weather Headlines

- Scattered to Widespread downpours/storms favored over the next 36 hours!
- **A few stronger gusts embedded within storms of 25kts + will be in play, especially with storms.**
- Not anticipating any fog concerns the next few days. Low visibilities are possible in heavy downpours.



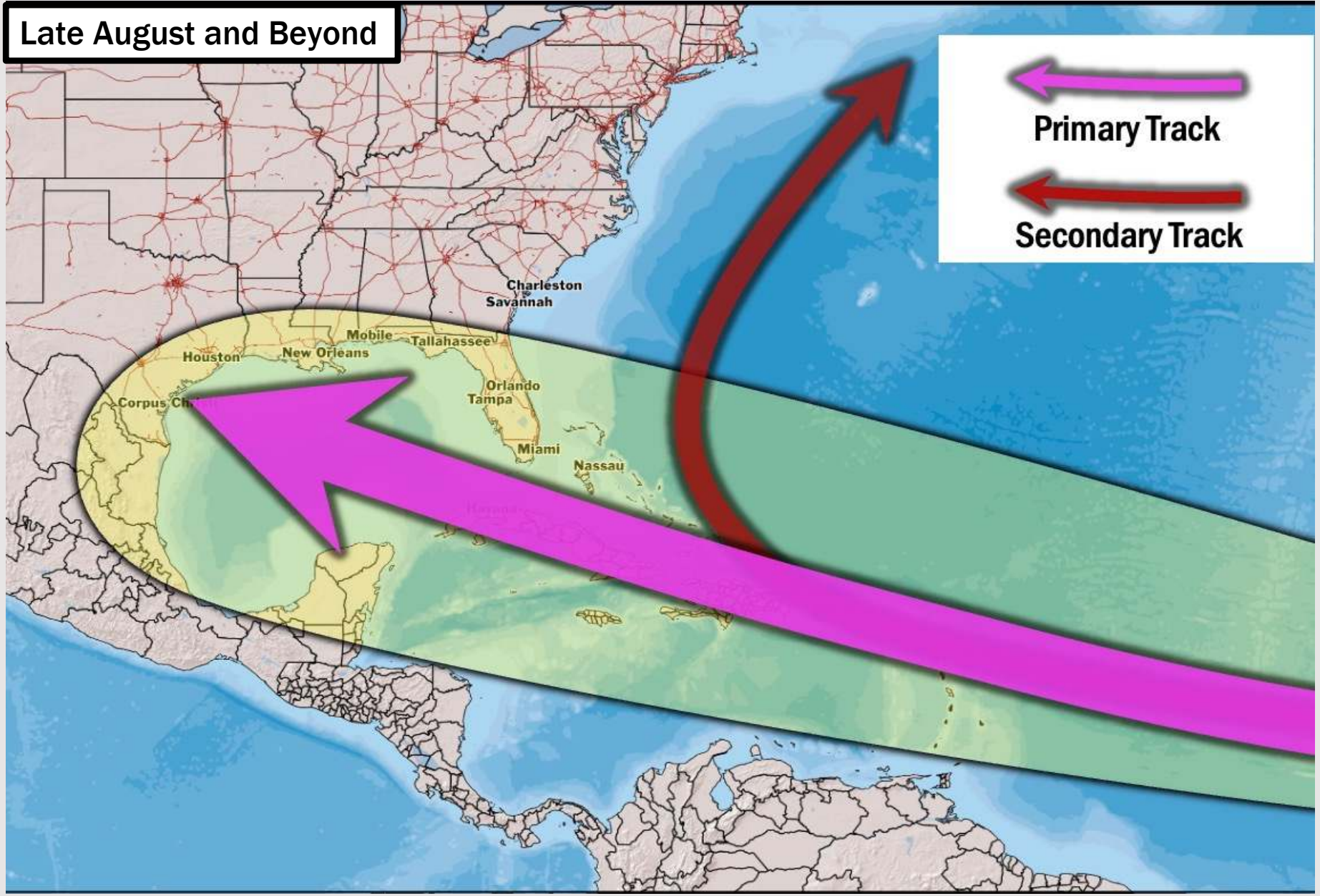
Current Radar: 1:30 PM CT



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

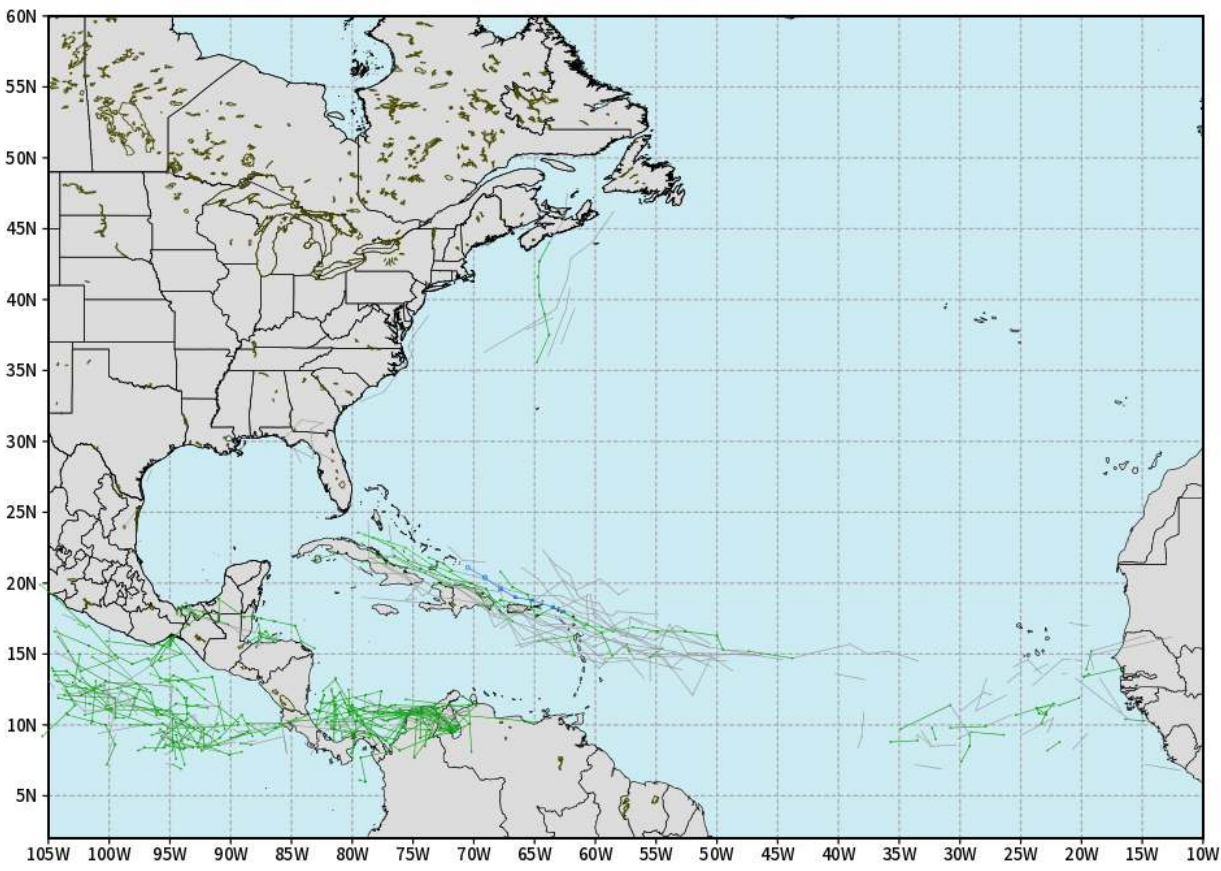


Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z24JUL2024 --> UNTIL 00Z03AUG2024

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.

We're watching the potential for tropical development mid to late August as pattern drivers are indicative of some development.

Houston Pilots Visibility Chart (miles)



Forecast Confidence



Time	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm
610 Bridge	9	9	10	9	7	5	7	8	6	6	6	6	6	6	6	9	10	10	10	7	4	3	3	3
Kinder 1	9	9	10	9	7	5	7	6	6	6	6	6	6	6	6	9	10	10	9	6	3	3	3	3
Greens Bayou	7	7	10	7	7	5	6	6	6	6	6	6	6	6	6	9	10	10	9	6	3	3	3	3
Shell Crude	7	7	10	7	7	5	6	6	6	6	5	6	5	6	6	9	10	10	7	6	3	3	3	3
Lynchburg Ferries	6	7	10	7	7	5	6	6	6	6	6	6	6	6	6	9	10	10	9	6	3	3	3	3
Exxon 3	6	7	10	7	7	5	6	6	6	6	5	6	5	6	6	9	10	10	7	6	3	3	3	3
Morgans Point	6	6	10	7	7	5	6	6	6	6	6	6	6	6	6	9	10	9	7	6	3	3	3	3
75/76	5	6	7	6	6	7	6	6	6	6	6	8	6	7	7	6	9	9	6	5	4	3	3	10
63/64	5	6	7	6	6	7	6	6	6	6	6	8	6	7	7	6	9	9	6	5	4	3	3	10
51/52	5	6	7	6	6	7	5	6	6	6	6	8	6	7	9	6	10	10	7	6	4	3	3	10
37/38	5	6	7	6	6	7	5	6	6	6	6	8	6	9	9	6	10	10	7	6	4	3	3	10
25/26	5	6	7	4	6	6	5	6	6	6	6	6	6	9	9	6	10	10	9	6	4	4	4	10
11/12	4	6	6	4	5	5	6	6	6	6	6	6	6	9	9	6	10	10	9	6	5	4	4	10
1 & 2 Bravo	4	6	3	3	4	5	6	6	6	5	6	6	6	10	9	6	10	10	9	6	6	4	4	10

NOTE: This is automated data that may/may not agree with the official B.A.M. 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

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	Wed 1pm	Wed 2pm	Wed 3pm	Wed 4pm	Wed 5pm	Wed 6pm	Wed 7pm	Wed 8pm	Wed 9pm	Wed 10pm	Wed 11pm	Thu 12am	Thu 1am	Thu 2am	Thu 3am	Thu 4am	Thu 5am	Thu 6am	Thu 7am	Thu 8am	Thu 9am	Thu 10am	Thu 11am	Thu 12pm
610 Bridge	5	5	5	5	5	5	4	3	3	3	2	2	3	3	3	3	3	3	3	4	4	5	5	5
	10	10	10	11	10	10	9	8	7	6	6	6	6	6	6	6	7	7	8	8	9	10	11	11
Kinder 1	5	5	5	5	5	5	4	3	3	3	2	2	3	2	3	3	3	3	4	4	5	5	5	5
	10	10	10	11	10	10	9	8	7	6	6	6	6	6	6	7	7	8	8	9	10	11	11	11
Greens Bayou	5	5	5	5	5	5	4	3	3	3	2	2	2	2	3	3	3	3	3	4	5	5	5	5
	10	10	10	11	10	10	9	8	7	6	6	6	6	6	6	6	7	8	8	9	10	11	11	11
Shell Crude	5	5	5	5	5	5	4	3	3	3	2	2	3	2	3	3	3	3	3	4	4	5	5	5
	10	10	10	10	10	10	9	8	7	6	6	6	6	6	6	6	7	7	8	8	9	10	11	11
Lynchburg Ferries	5	5	5	5	5	5	4	3	3	3	2	2	2	2	2	3	3	3	3	3	4	4	5	5
	10	10	10	11	10	10	9	7	7	6	6	6	6	6	5	6	6	7	8	8	9	9	11	11
Exxon 3	7	7	7	7	7	7	6	6	5	5	5	5	5	5	5	6	6	6	7	7	7	7	7	7
	11	12	12	12	12	11	10	9	8	8	7	7	7	7	7	8	9	10	10	10	11	11	12	12
Morgans Point	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	11	12	12	12	12	11	10	9	8	8	8	7	8	8	8	8	9	9	10	10	10	11	11	12
75/76	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	12	12	13	12	12	12	11	11	10	9	9	9	9	9	10	10	11	11	12	12	12	12	12	13
63/64	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	12	12	12	12	12	12	11	11	10	10	9	9	10	10	10	10	11	11	12	12	12	13	12	12
51/52	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	12	12	12	12	12	12	11	11	10	10	10	10	10	10	11	11	11	12	12	12	13	13	13	13
37/38	7	7	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	12	12	12	12	12	12	11	11	10	11	11	11	11	11	11	11	11	12	12	13	13	13	13	13
25/26	7	7	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	12	12	12	12	12	12	11	11	11	11	11	11	11	11	11	11	11	12	12	13	13	13	13	13
11/12	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	12	13	12	13	12	12	11	11	11	11	11	11	11	11	11	11	12	12	13	13	13	13	13	13
1 & 2 Bravo	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	13	13	13	13	13	13	12	13	12	13	13	13	13	13	13	13	13	13	13	13	14	14	15	14

NOTE: This is automated data that may/may not agree with the official BAM thinking that's found on the daily slides. This data should be used as a guide only.

Houston Pilots: WED. 7/24/2024



Forecast Discussion

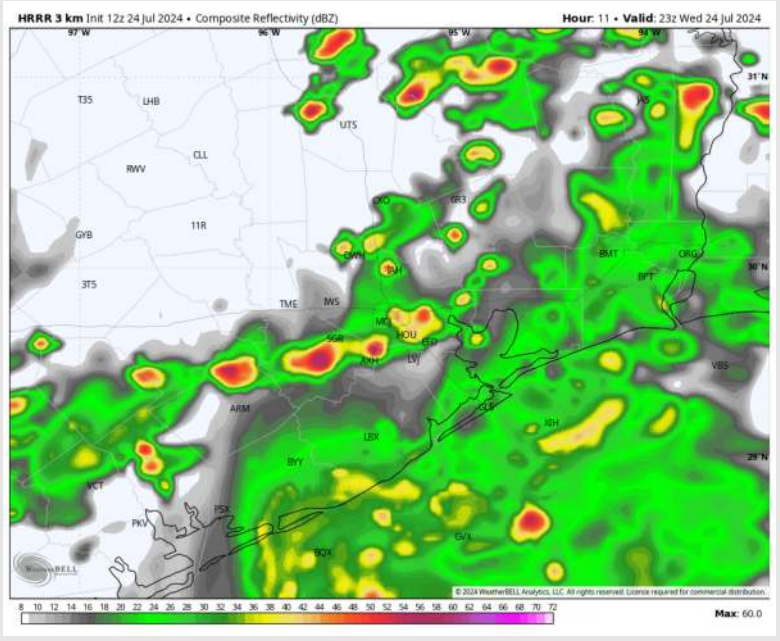
Precip: Scattered to widespread showers and storms are expected to continue through the rest of the afternoon. Post sunset these chances will decrease in coverage, however favoring storms to fire back up early THU morning. **Lightning and 30 – 35+ kts wind gusts will be in play for all stations!**

Wind: Winds will be out of the SSW throughout the rest of the afternoon and evening. **N of Morgan's Point:** Winds will be at 3 – 8 kts for the entire day. **S of Morgan's Point:** Favoring winds at 15 – 20 kts through the remainder of the day. Non-Thunderstorm wind gusts of up to 30 kts will be possible.

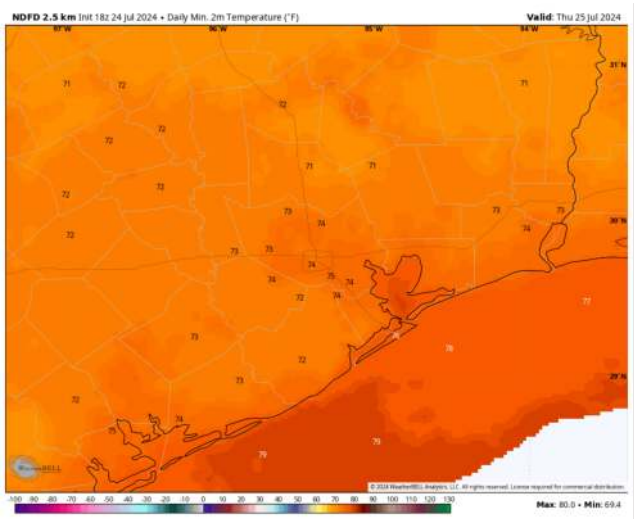
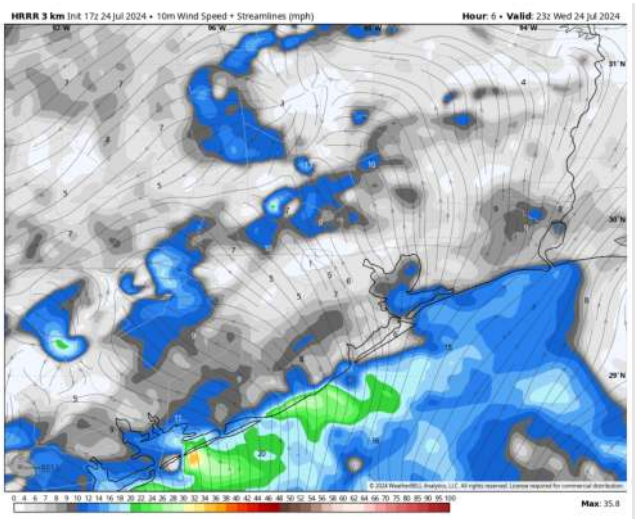
Low Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 70s F.

Visibility: Fog is not favored for this PM; however, lowered visibilities are favored in heavy downpours.

Precip Image: 6 PM CT



Wind Speed:
6 PM CT



Low Temps
THU PM

Houston Pilots: THU. 7/25/2024

Forecast Discussion

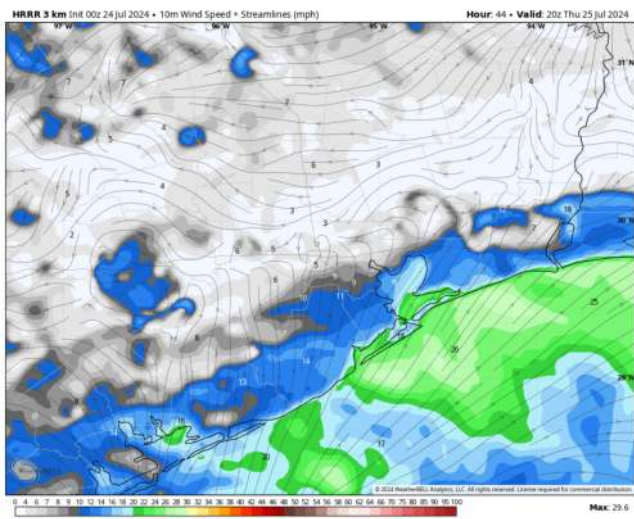
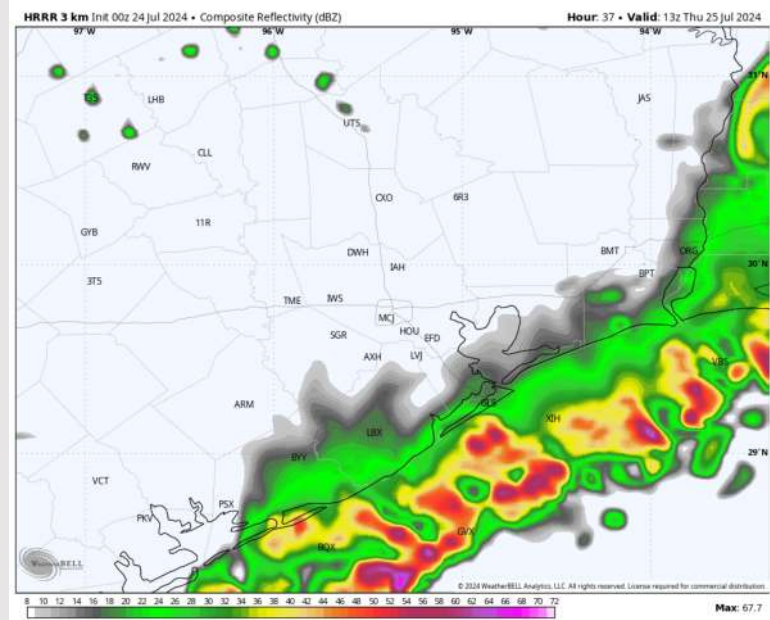
Precip: Widespread (60%) showers and thunderstorms will continue through 4 PM. Light scattered showers can linger throughout the rest of night after 4 PM. **There is a risk that the entire band of storms will sit just S of Station 11/12 for the AM Period. Will need to watch this closely!** Lightning and 20-25 kts wind gusts will be possible in thunderstorms!

Wind: Winds will be out of the SW through most of Thursday before veering out of the W beyond 8PM-CT. **N of Morgan's Point:** Winds at 4 -9 kts for all of Thursday. **S of Morgan's Point:** Winds at 10 - 15 kts through 1PM before slightly increasing to 15-20 kts through 6PM. As winds shift out of the W for the remainder of the evening, winds will weaken to 9 - 14 kts.

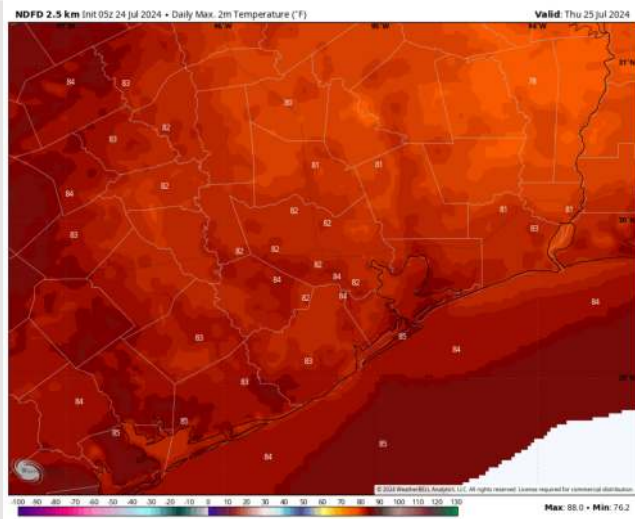
High Temps: **N of Morgan's Point:** Lower 80s F. **S of Morgan's Point:** Mid 80s F.

Visibility: Fog is not favored for Thursday.

Precip Image: 8 AM CT



Wind Speed:
3 PM CT



High Temps
Thursday

Houston Pilots: FRI. 7/26/2024



Forecast Discussion

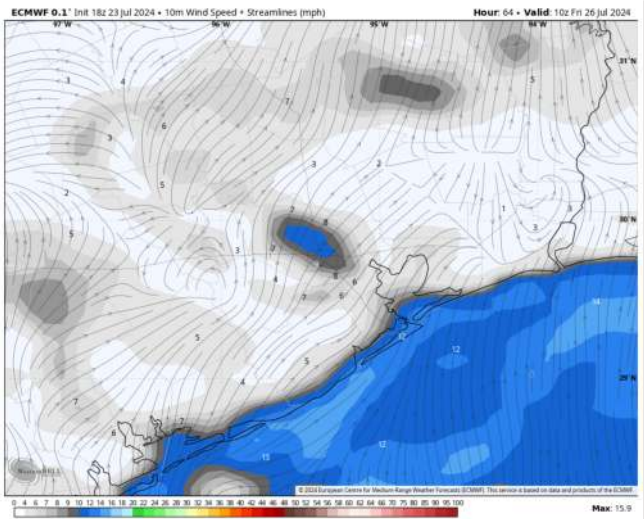
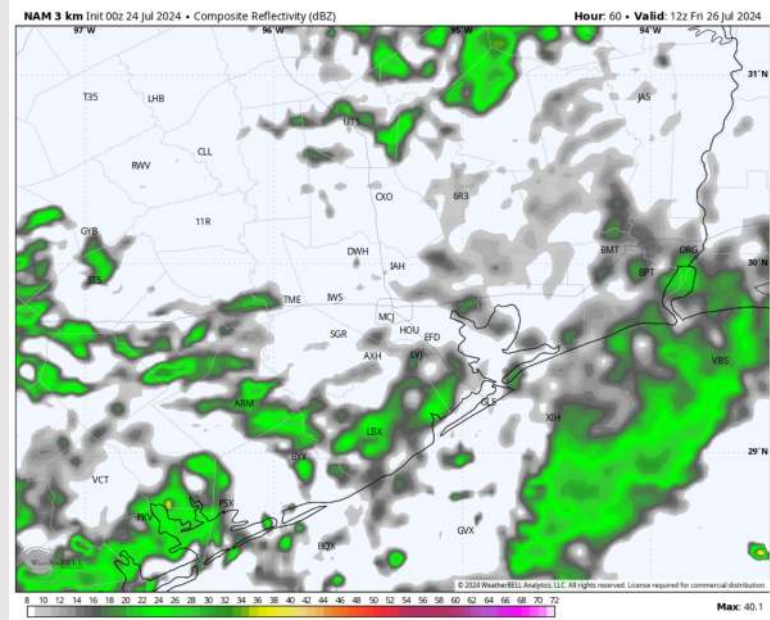
Precip: Scattered (40%) rain showers and thunderstorms will be possible from 2AM through 10AM, before chances decrease to 20% for the remainder of Friday. There is a potential for these chances to increase but lower confidence.

Wind: Winds will be consistently out of the S / SW through 8AM until the front passes, and then will become variable through 12PM. Beyond 12PM, winds will once again be out of the S/SW. **N of Morgan's Point:** Winds consistently at 4 – 9 kts before weakening to 3 – 6 kts after 12PM. **S of Morgan's Point:** Winds at 8 – 15 kts through 8AM before weakening to 3-6 kts for remainder of day.

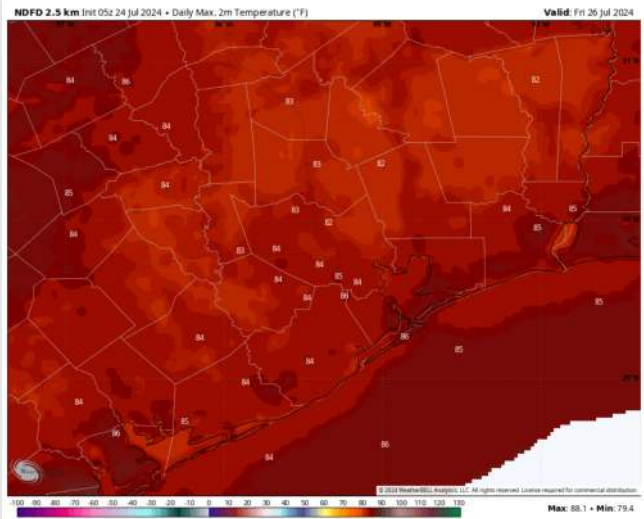
High Temps: **N of Morgan's Point:** Mid 80s F. **S of Morgan's Point:** Mid 80s F.

Visibility: Not anticipating any fog concerns for Friday.

Precip Image: 7 AM CT

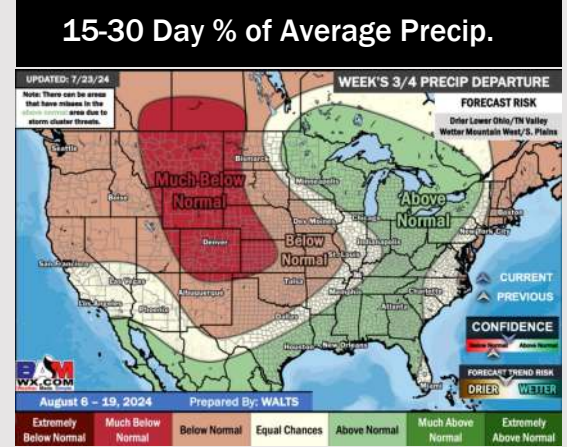
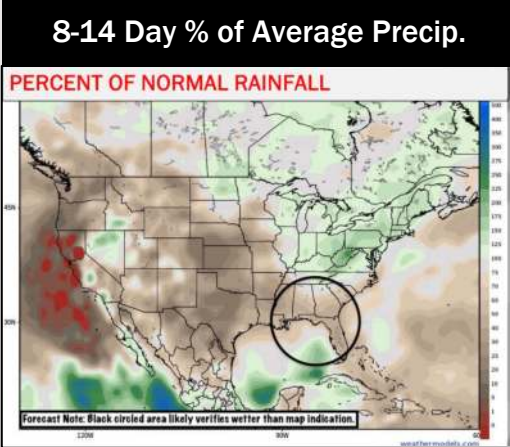
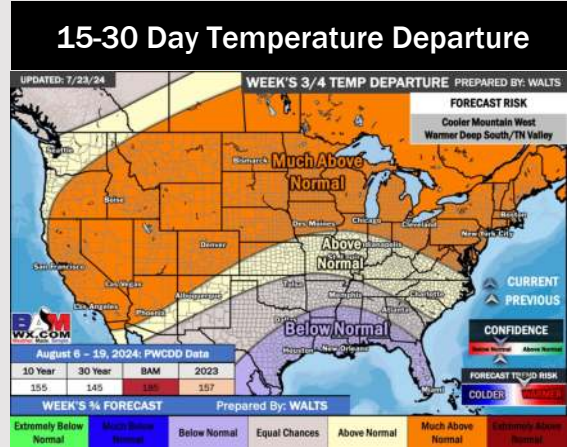
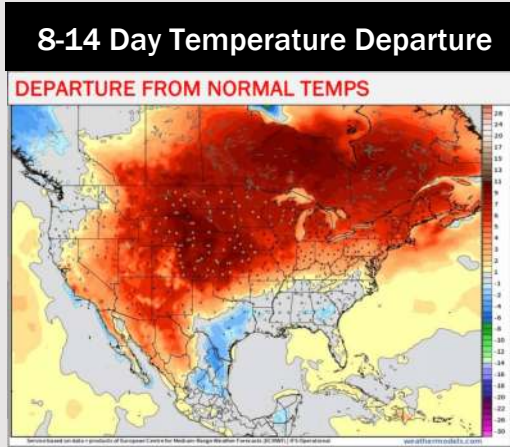
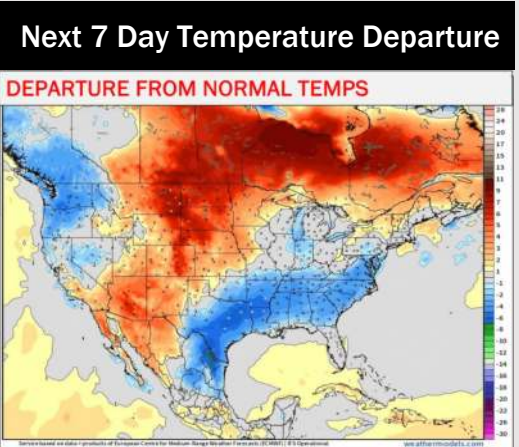


Wind Speed
5 AM CT



High Temps
Friday

Houston Pilots: 7/24/24



- Temps are expected to be below normal for the week 1 timeframe. Periods of scattered rain/storms will occur daily over the next week. Some could be heavy in nature.
- Slightly below normal precipitation chances are favored for the week 2 timeframe. Below normal temperatures continue for the week 2 timeframe.
- Above normal chances for precipitation and below normal temperatures are favored in the weeks 3/4 timeframe.