

Houston Pilots Forecast Package

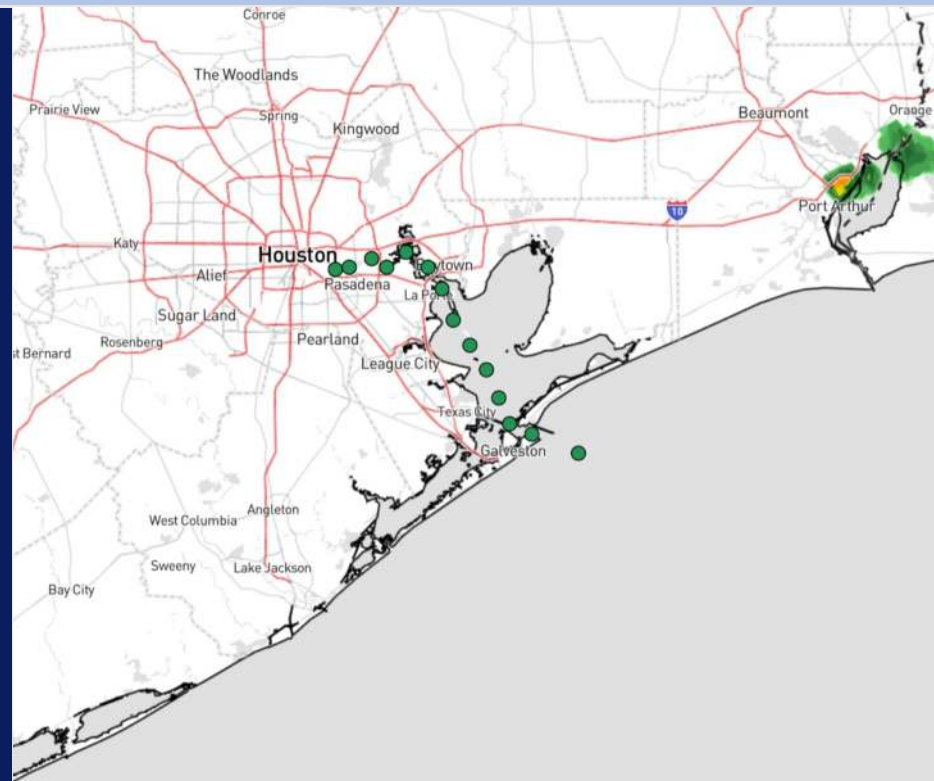


Updated: 10:40 PM CT
Saturday, July 20, 2024

Forecaster: Xander Lowry

Weather Headlines

- Scattered downpours/storms will continue to work through the area off and on for the rest of weekend.
- Sustained winds remain generally calm over the next 72 hours. **A few stronger gusts embedded within storms of 30kts + will be in play.**
- Not anticipating any fog concerns the next few days.



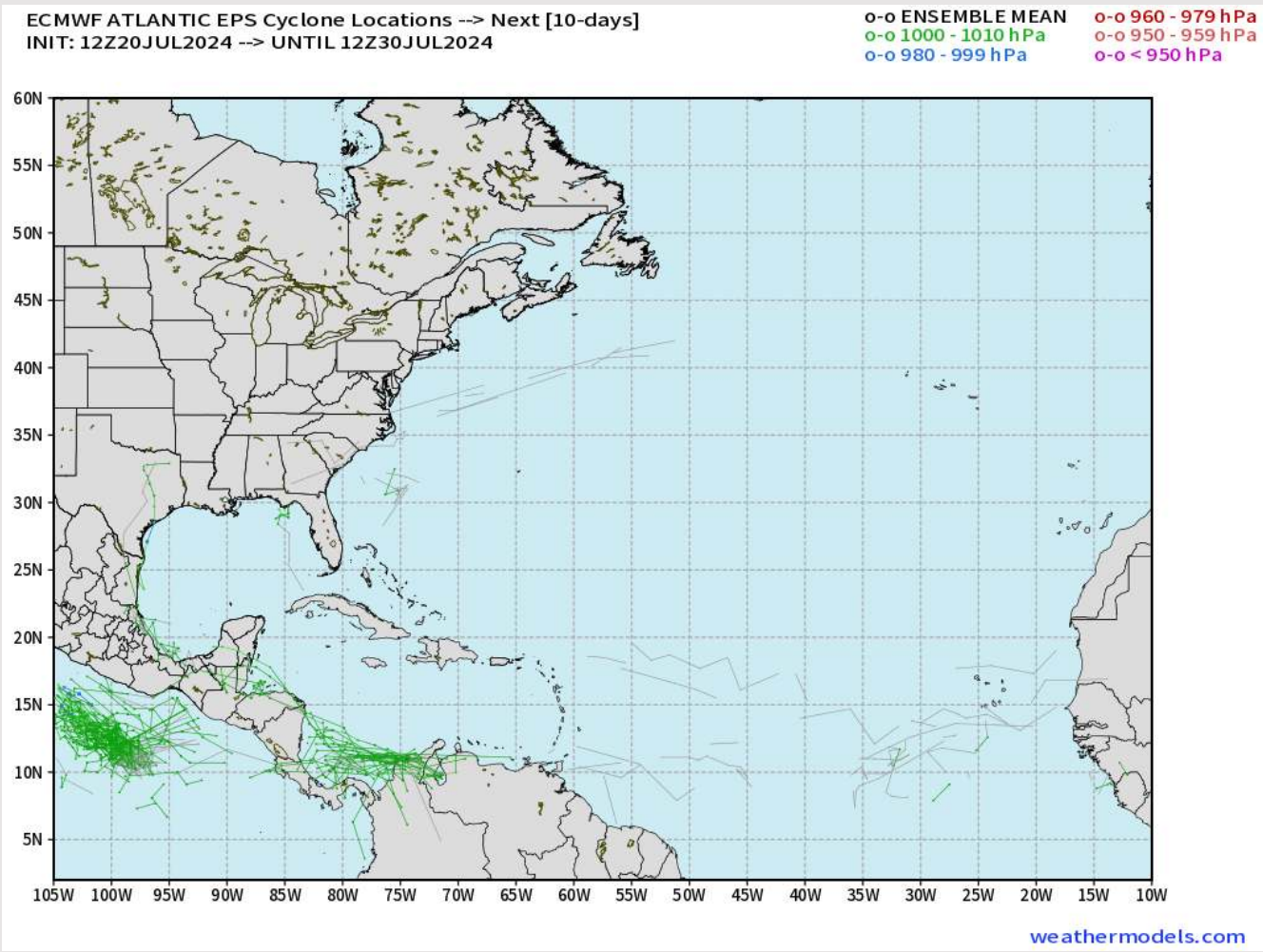
Current Radar: 10:40 PM CT



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



Not in favor of any tropical threats over the next 10 days to the HOU area.

We're watching the potential for tropical development in mid August as pattern drivers are indicative of some development. It is still too far out for many details, but we will update as needed.

Houston Pilots Visibility Chart (miles)



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

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



Example

Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

WS: 13
G:18
N

Time Knots	Sat 11pm	Sun 12am	Sun 1am	Sun 2am	Sun 3am	Sun 4am	Sun 5am	Sun 6am	Sun 7am	Sun 8am	Sun 9am	Sun 10am	Sun 11am	Sun 12pm	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm
610 Bridge	3 6 S	2 6 S	2 6 S	2 5 S	2 5 SSW	2 5 SW	1 4 WSW	1 3 WNW	1 4 NNW	1 4 NNW	2 4 WNW	2 5 W	3 5 NW	3 6 NNE	3 7 S	4 9 SSE	5 9 SSE	5 10 SSE	5 10 SSE	5 11 S	6 11 S	5 10 S	4 9 S	4 8 S
Kinder 1	3 6 S	2 6 S	2 6 S	2 5 SSW	2 5 SSW	2 5 WSW	1 4 WSW	1 3 NW	1 3 NNW	1 4 NNW	1 4 WNW	2 5 W	2 5 NW	3 7 N	3 7 SSE	3 9 S	4 9 SSE	5 10 SSE	5 10 S	5 11 S	5 10 S	5 9 S	4 9 S	4 8 S
Greens Bayou	2 6 S	2 5 S	2 5 S	2 5 SSW	1 4 SSW	1 4 WSW	1 4 W	1 3 NW	1 3 NW	1 4 NNW	1 4 WNW	2 5 W	2 6 NE	3 7 ENE	3 8 SE	4 9 SSE	5 11 SSE	5 11 SSE	5 11 S	5 11 S	5 11 S	5 9 S	4 9 S	3 8 S
Shell Crude	2 6 S	2 5 S	2 5 S	2 5 SSW	1 4 SSW	1 4 WSW	1 4 WSW	1 3 NW	1 3 NW	1 4 NNW	1 4 WNW	2 5 W	3 6 N	3 7 E	3 8 SE	4 9 SSE	5 10 SSE	5 11 SSE	5 11 S	5 11 S	5 11 S	5 9 S	4 9 S	3 8 S
Lynchburg Ferries	2 5 S	2 5 S	2 5 S	1 4 SSW	1 4 SSW	1 4 WSW	1 4 WSW	1 3 WNW	1 3 NW	1 4 NNW	1 4 WNW	2 5 W	3 6 NE	3 7 ENE	3 8 SSE	4 9 SSE	5 11 SSE	5 11 SSE	5 11 S	5 11 S	5 11 S	5 9 S	4 8 S	3 7 S
Exxon 3	5 7 S	5 6 S	5 6 S	4 6 SSW	4 6 SSW	4 6 SW	3 6 SW	3 5 W	3 5 WNW	3 6 WNW	3 6 WNW	3 6 W	4 7 SSE	4 8 SE	5 9 SSE	6 11 SSE	7 12 SSE	8 12 SSE	8 12 S	8 13 S	8 12 S	8 11 S	7 11 S	7 10 S
Morgans Point	5 7 S	5 6 SSW	5 6 SSW	4 6 SW	4 6 SW	4 6 WSW	3 6 W	3 5 W	3 6 WNW	3 6 NW	3 6 NW	3 6 WSW	4 7 SE	4 8 SE	5 9 SSE	6 11 SSE	7 12 SSE	8 12 SSE	8 13 S	8 13 S	8 12 S	8 11 S	7 11 S	7 10 S
75/76	5 8 S	5 8 S	5 8 SSW	5 7 SSW	5 7 SSW	5 7 SW	5 6 SW	4 6 SW	4 7 W	4 7 W	4 7 WNW	4 7 S	5 8 SE	5 9 SE	6 11 SSE	7 12 SSE	8 13 SSE	8 13 S	9 13 S	9 13 S	9 13 S	9 12 S	8 11 SSW	8 10 SSW
63/64	6 8 S	5 8 S	5 8 SSW	5 7 SSW	5 7 SSW	5 7 SW	5 7 SW	5 7 SW	5 7 W	5 7 W	5 7 WNW	5 7 S	6 8 SSE	6 9 SSE	7 11 SSE	8 12 SSE	9 13 SSE	10 13 SSE	11 13 S	12 13 S	13 13 S	13 12 S	11 11 S	11 10 S
51/52	6 9 S	6 8 S	6 8 SSW	6 8 SSW	6 8 SSW	6 8 SW	6 7 SW	6 8 W	6 7 W	6 7 W	6 7 SW	6 7 SW	7 8 SE	7 9 SE	8 11 SSE	9 12 SSE	10 13 SSE	11 13 SSE	12 13 S	13 13 S	13 12 S	12 11 S	11 11 S	11 10 S
37/38	6 9 S	6 9 S	6 9 SSW	6 9 SSW	6 9 SSW	6 8 SW	6 8 WSW	6 8 W	6 7 W	6 7 SSW	6 7 SW	6 7 SW	7 8 ESE	7 9 SSE	8 11 SSE	9 12 SSE	10 13 SSE	11 13 S	12 13 S	12 12 S	12 12 S	12 11 S	11 11 S	11 10 S
25/26	6 9 S	6 9 S	6 9 SSW	6 9 SSW	6 9 SSW	6 8 SW	6 8 WSW	6 8 WSW	6 8 WSW	6 7 SW	6 7 SW	6 7 SW	7 8 SE	7 9 SSE	8 11 SSE	9 12 SSE	10 13 SSE	11 13 S	12 13 S	12 12 S	12 12 S	12 11 S	11 11 S	11 10 S
11/12	5 9 S	5 9 S	6 10 S	6 9 SSW	6 9 SSW	6 9 SSW	6 8 SW	6 8 SW	6 8 WSW	6 8 SW	6 7 SW	6 7 SW	7 8 SE	7 9 SSE	8 11 SSE	9 12 SSE	10 13 SSW	11 13 S	12 13 S	12 12 S	12 11 S	11 11 S	11 11 S	11 10 S
1 & 2 Bravo	7 10 S	7 11 S	8 11 S	7 11 SSW	7 11 SSW	7 11 SSW	7 10 SSW	6 9 SW	6 9 SSW	6 8 SW	6 8 W	6 8 W	6 8 S	6 8 SSE	6 9 S	6 9 SSE	6 9 S	7 10 SSW	7 11 S	7 12 S	8 12 S	8 12 S	8 12 S	8 12 S

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Houston Pilots: SUN. 7/21/2024



Forecast Discussion

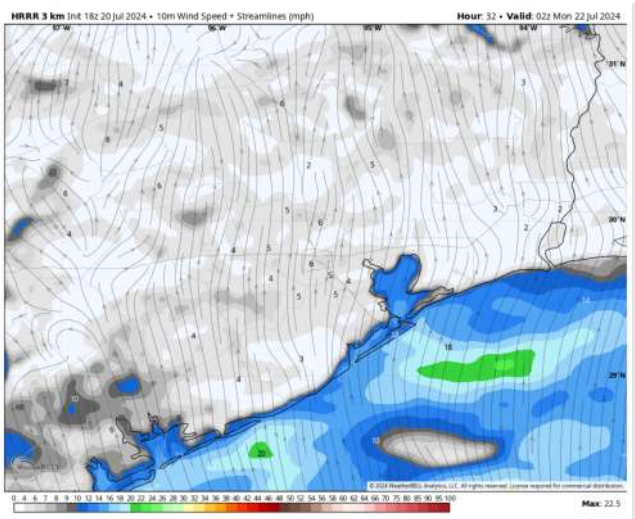
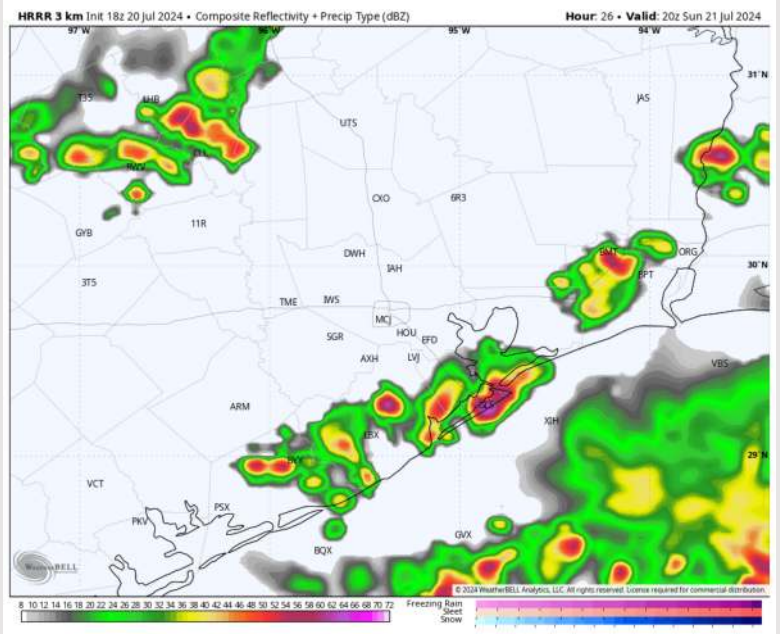
Precip: Favoring additional rounds of scattered showers and storms to work in around 4AM, with (40%) for ALL stations through 2PM. Beyond 2PM, chances increase to (60%) for continuous periods scattered storms through 8PM. **Lightning, and hail will be possible for ALL stations!**

Wind: Winds will be generally out of the S throughout the day today. **N of Morgan's Point:** Winds will be calmer at 2 – 7 kts for the entire day. **S of Morgan's Point:** Favoring winds at 5 – 10 kts through 8PM before becoming 10 – 15kts for the remainder of the evening. **35-45 kts wind gusts possible for ALL Stations. BEST potential is S. of Morgan's Point**

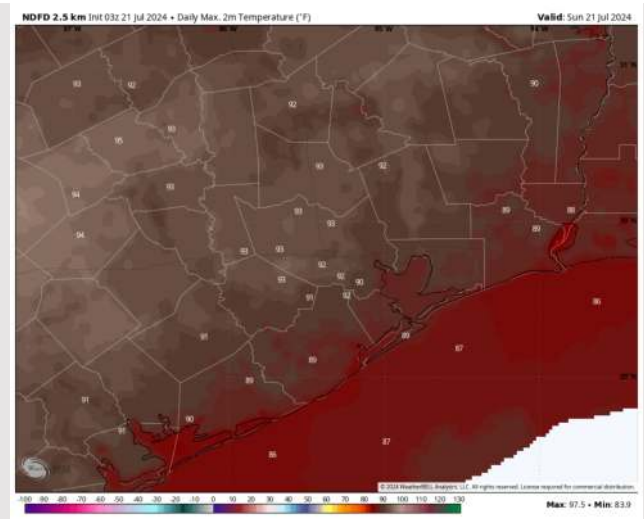
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Mid 80s F.

Visibility: Fog is not favored Today; however, lowered visibilities are possible in heavy downpours.

Precip Image: 3 PM CT



Wind Speed:
9 PM CT



High Temps
Today

Houston Pilots: MON. 7/22/2024



Forecast Discussion

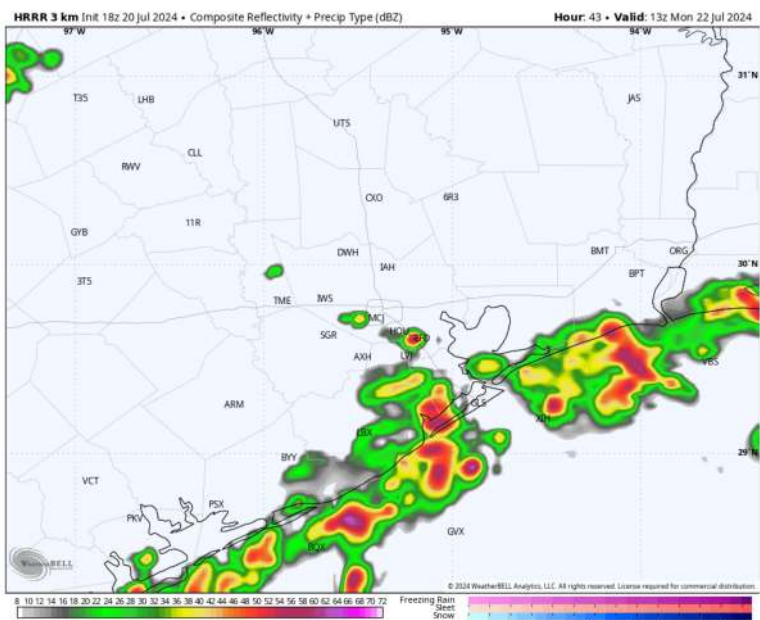
Precip: Isolated showers/storms (30%) will be favored from 7AM – 3PM. Activity will decrease through the evening hours 3PM - 11PM **Lightning, hail, and 35-40 kts wind gusts will be possible!**

Wind: Winds will be out of the southwest for the morning before shifting from the south by 2PM and remaining there for the rest of the day. **N of Morgan's Point:** Winds at 3 - 8 kts through the entire day . **S of Morgan's Point:** Winds at 8 – 13 kts through the entire day.

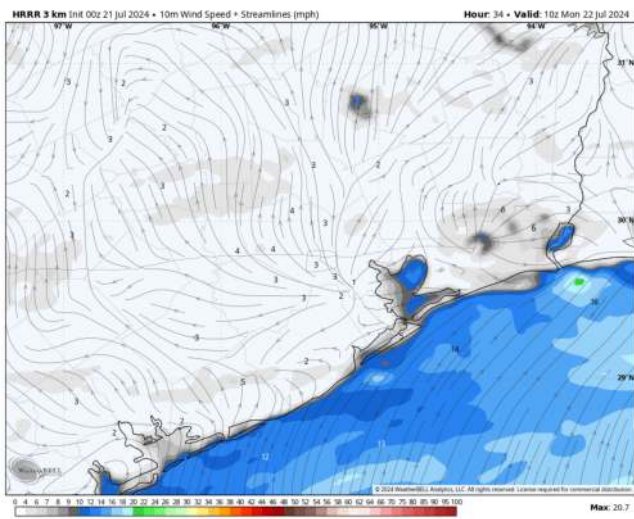
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Mid to Upper 80s F.

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

Precip Image: 8 AM CT



Wind Speed:
5 AM CT



High Temps
Monday



Houston Pilots: TUE. 7/23/2024



Forecast Discussion

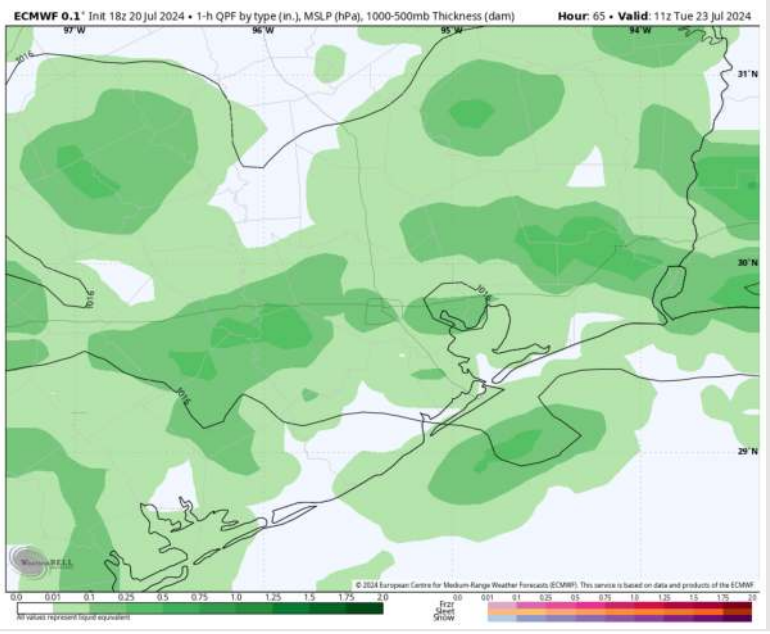
Precip: Widespread rain showers (80%) beginning at 3AM and continuing through 12PM. Favoring more scattered (40%) coverage after 12PM through 10PM before conditions dry out after 10PM.

Wind: Winds will be variable out of the SW/S throughout the day on Tuesday. **N of Morgan's Point:** Winds consistently at 3-8 kts. **S of Morgan's Point:** Winds at 8 - 13 kts through 5AM before slightly decreasing to 5 - 9 kts for the rest of the day!

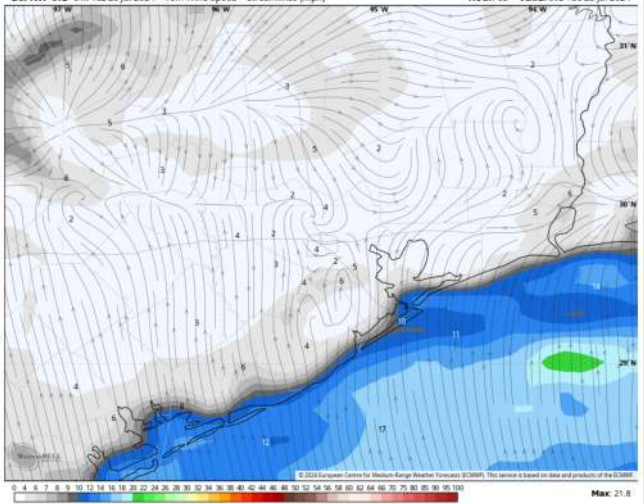
High Temps: **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Mid-to-Upper 80s F.

Visibility: Not anticipating any fog concerns for Tuesday. However, lowered visibilities are possible in heavy downpours.

Precip Image: 6 AM CT

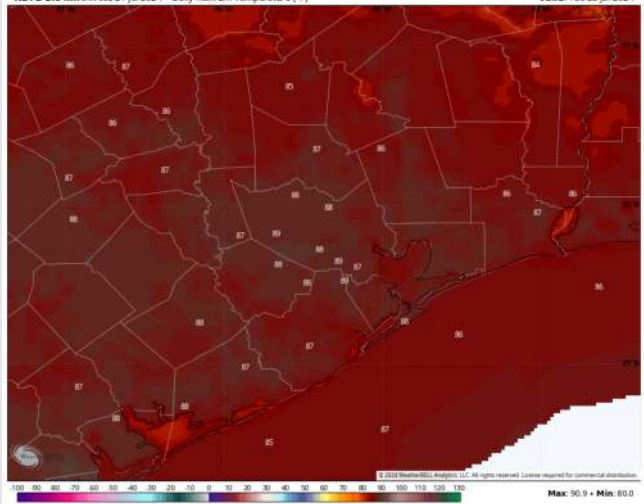


ECMWF 0.1' Init 18z 20 Jul 2024 • 10m Wind Speed • Streamlines (mph) Hour: 63 • Valid: 09z Tue 23 Jul 2024



Wind Speed
4 AM CT

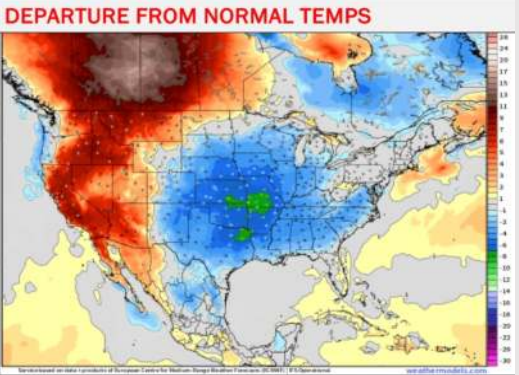
NDFD 2.5 km Init 03z 21 Jul 2024 • Daily Max. 2m Temperature (F) Valid: Tue 23 Jul 2024



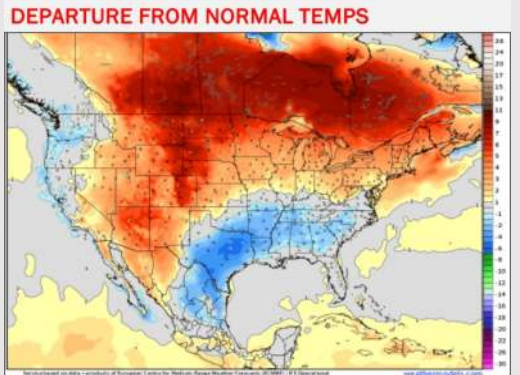
High Temps
Tuesday

Houston Pilots: 7/20/24

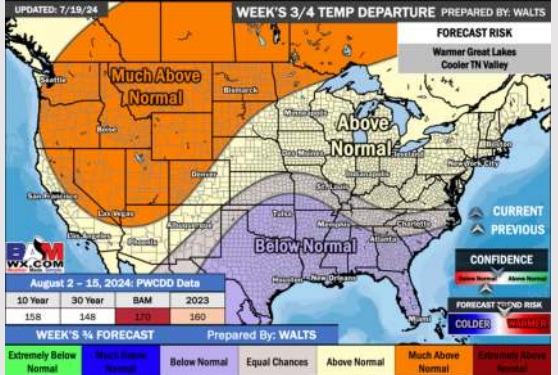
Next 7 Day Temperature Departure



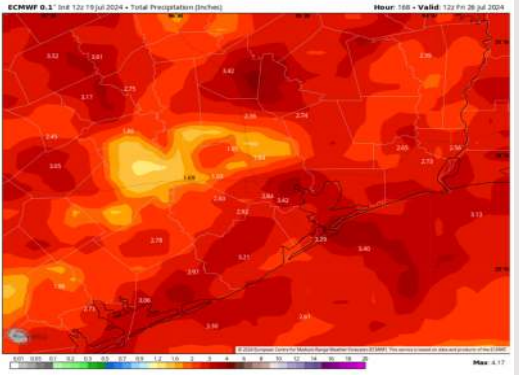
8-14 Day Temperature Departure



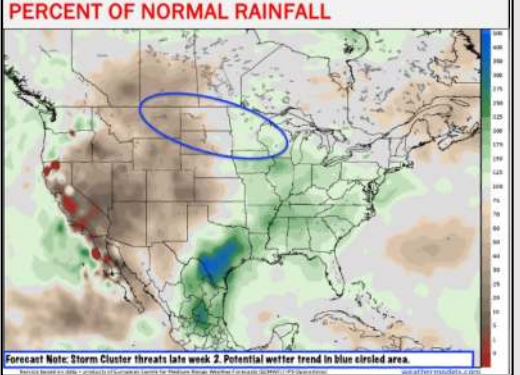
15-30 Day Temperature Departure



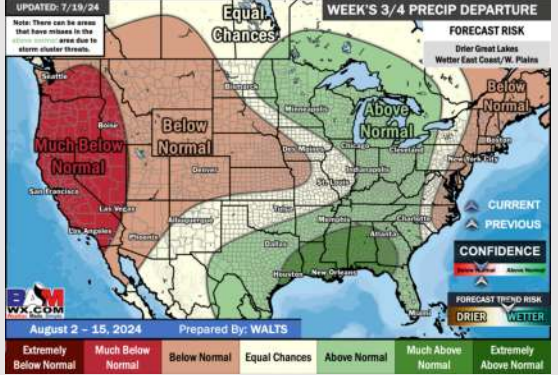
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be below normal for the week 1 timeframe. Periods of scattered rain/storms will occur daily over the next week.
- Above 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.