

Houston Pilots Forecast Package



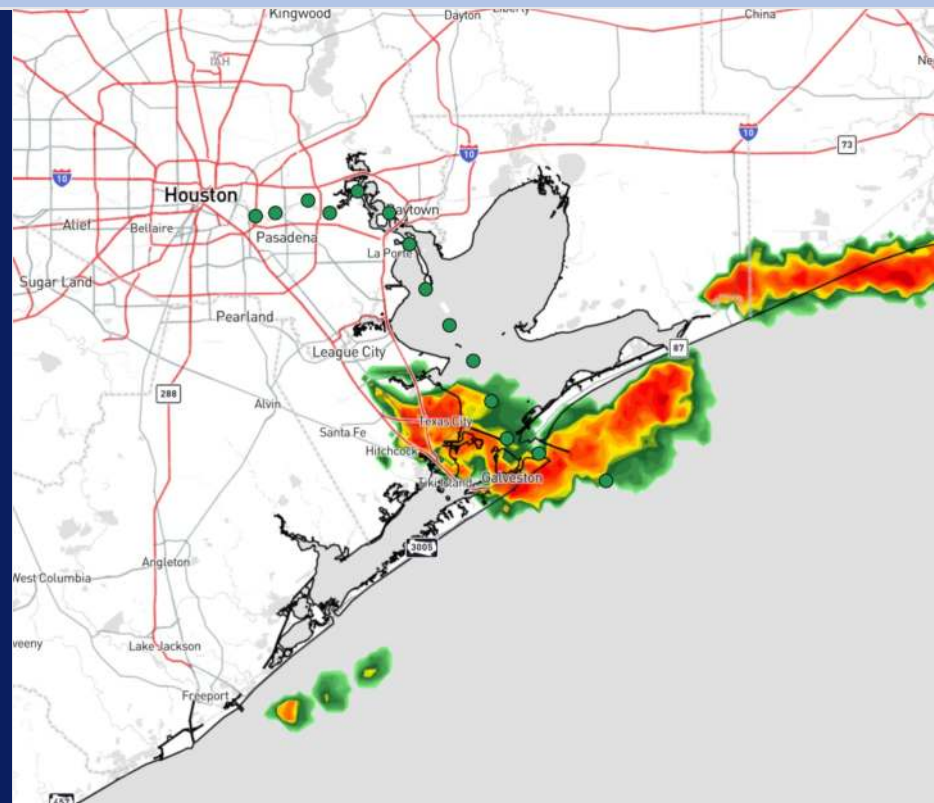
Updated: 10:45 PM CT

Friday, July 19, 2024

Forecaster: John Kemper

Weather Headlines

- Scattered downpours/storms will continue to work through the area off and on throughout the weekend.
- Sustained winds remain generally calm over the next 72 hours. **A few stronger gusts embedded within storms of 25kts + will be in play.**
- Not anticipating any fog concerns the next few days.



Current Radar: 10:40 PM CT



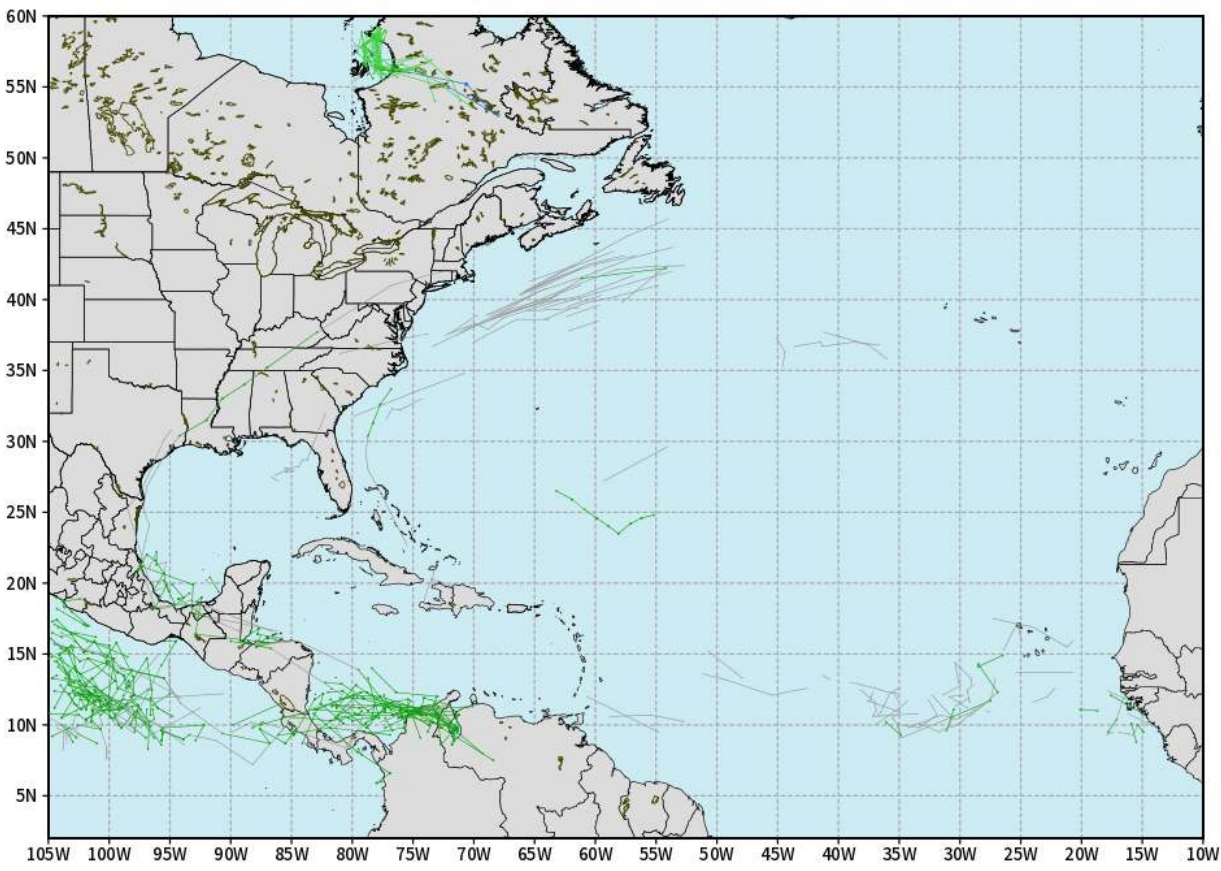
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 12Z19JUL2024 --> UNTIL 12Z29JUL2024

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

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Houston Pilots: SAT. 7/20/2024



Forecast Discussion

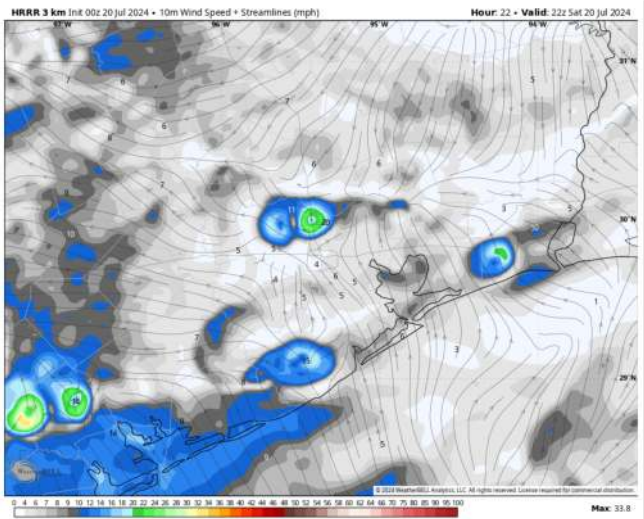
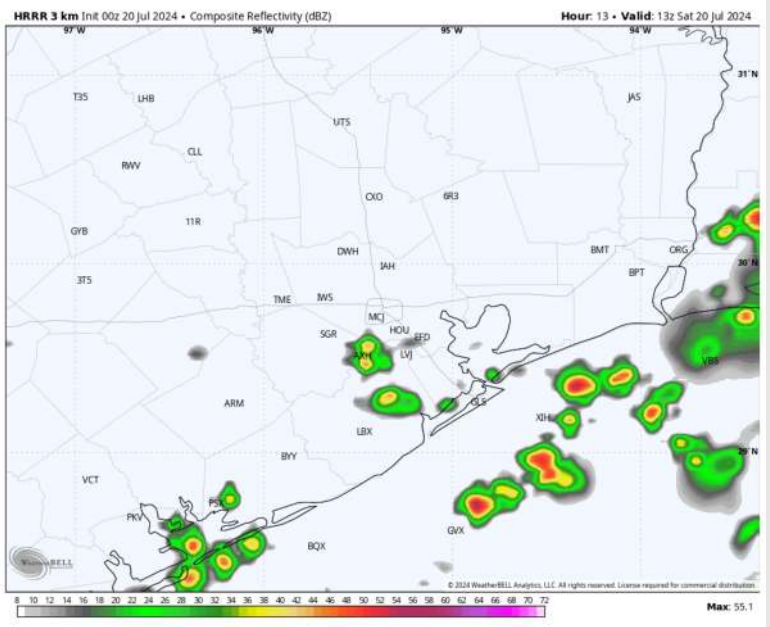
Precip: Scattered showers/storms (40%) in play through 8 AM. After 8AM, coverage will become more focused over the Gulf through 9 PM. The Boarding Station will be at the greatest risk (40%). Favoring chances to decrease to (10%) by 9PM. **Lightning, 35-45 kts wind gusts and hail will be possible for ALL stations!**

Wind: Winds will be variable through 4PM, before setting out of the SE/S through the remainder of the afternoon / evening. **N of Morgan's Point:** Winds consistently at 2-7 kts throughout the day. **S of Morgan's Point:** Winds at 3- 8 kts through 7PM before becoming 5-10 kts for the remainder of the evening.

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

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

Precip Image: 8 AM CT



Wind Speed
5 PM CT



High Temps
Today

Houston Pilots: SUN. 7/21/2024



Forecast Discussion

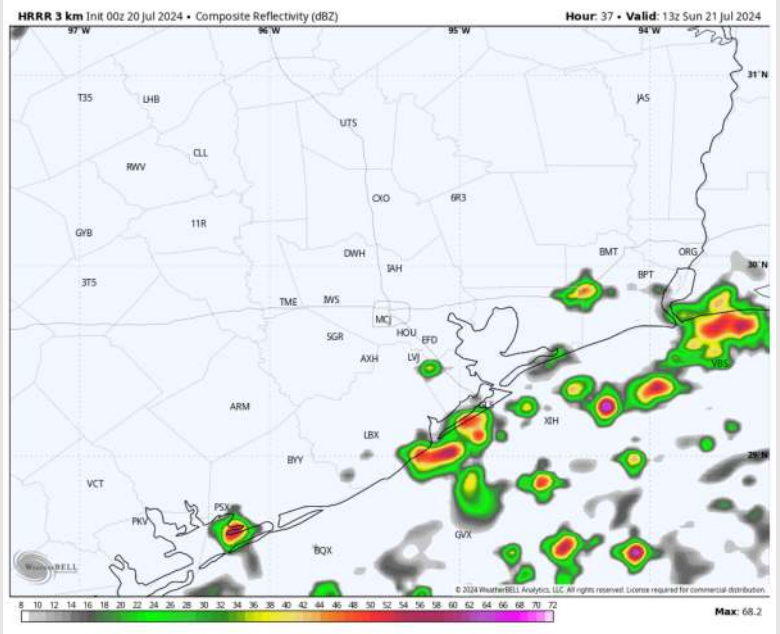
Precip: Favoring additional rounds of scattered showers and storms to work in around 4AM, with (40%) for ALL stations through 2PM. Beyond 2PM, chances increase to (60%) for continuous periods scattered storms through 10PM.
Lightning, 35-45 kts wind gusts and hail will be possible for ALL stations! BEST Potential for 35kts+ wind gusts will be for stations S of Morgan's Point.

Wind: Winds will be generally out of the S throughout the day Sunday. **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 - 8 kts through 5PM before becoming 7 - 11kts for the remainder of the evening.

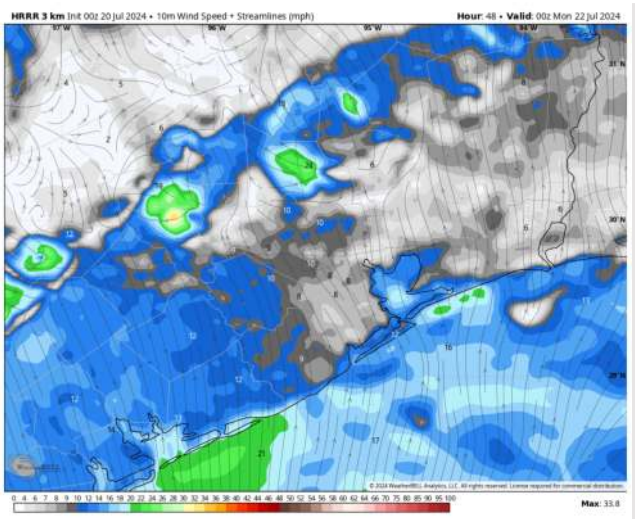
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Upper 80s F.

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

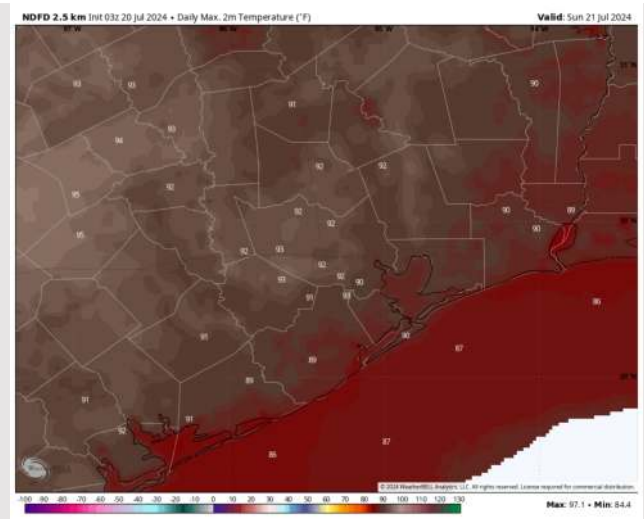
Precip Image: 8 AM CT



Wind Speed:
7 PM CT



High Temps
Sunday



Houston Pilots: MON. 7/22/2024



Forecast Discussion

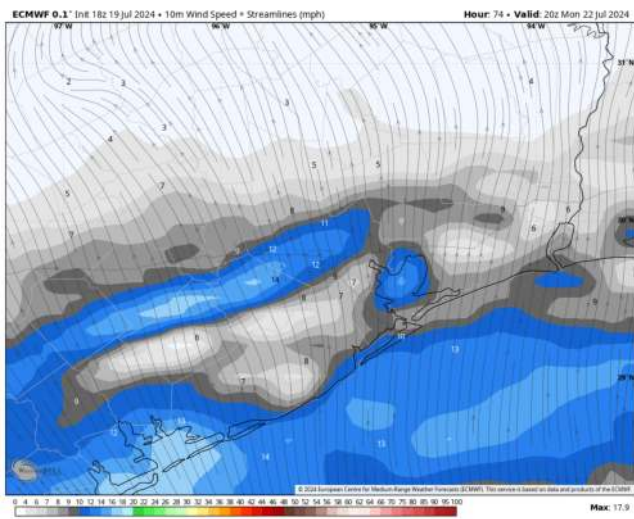
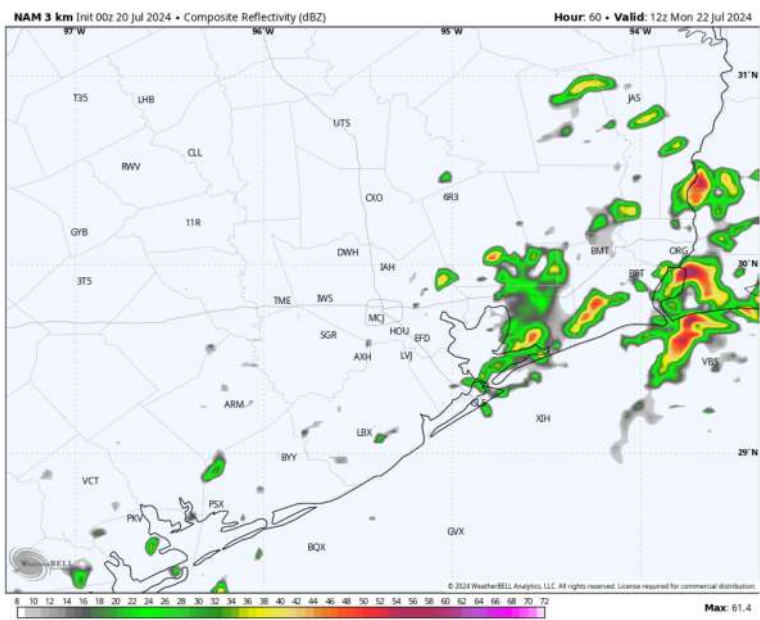
Precip: Scattered showers/storms (40%) will be favored from 3AM – 3PM. A brief increase in chances (60%) will be in play from 3PM – 6PM before decreasing back to 40% for the remainder of evening. **Lightning and 25-30 kts wind gusts will be possible!**

Wind: Winds will be out of the south / southwest for Monday. **N of Morgan's Point:** Winds be at 3 - 8 kts through the entire day. **S of Morgan's Point:** Winds at 8 – 13 kts through the entire day.

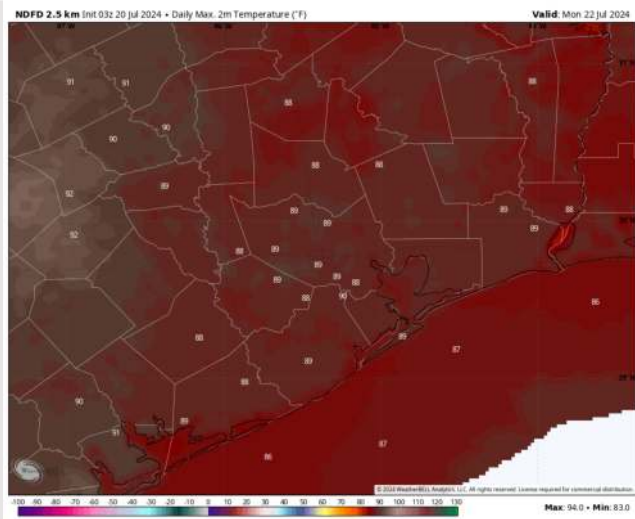
High Temps: **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Mid to Upper 80s F.

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

Precip Image: 7 AM CT



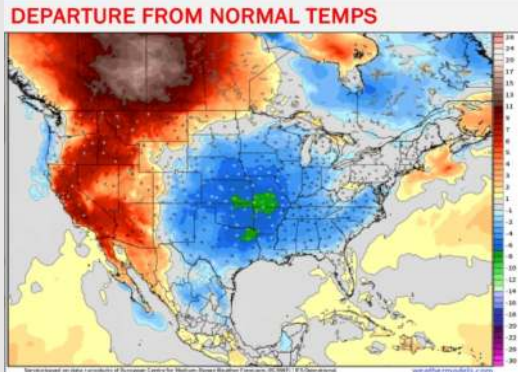
Wind Speed:
3 PM CT



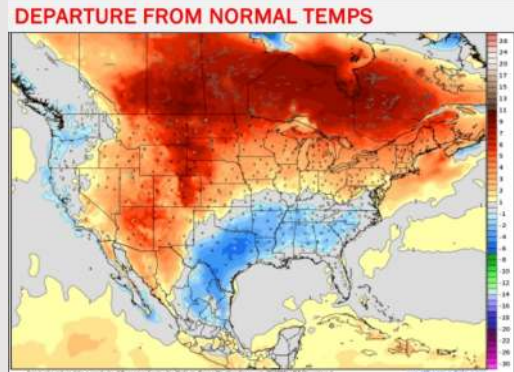
High Temps
Monday

Houston Pilots: 7/20/24

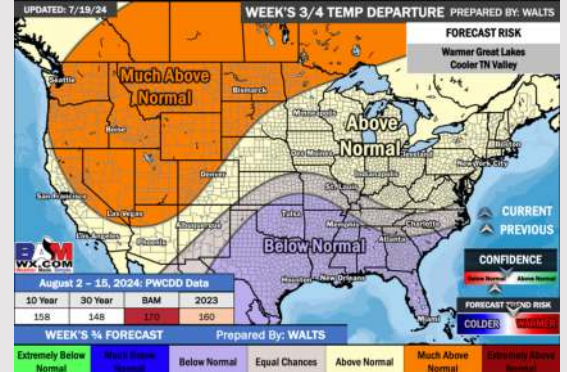
Next 7 Day Temperature Departure



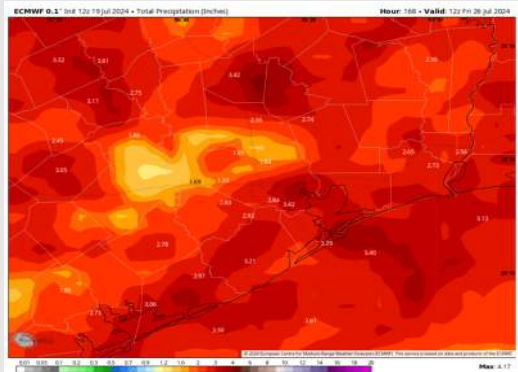
8-14 Day Temperature Departure



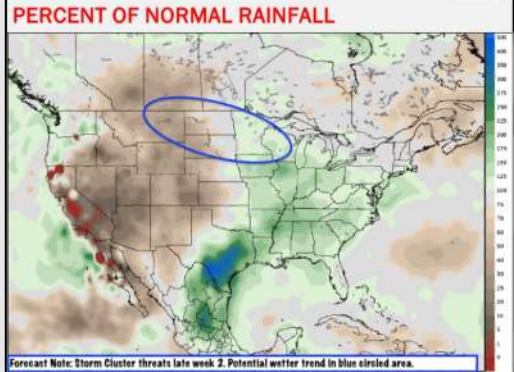
15-30 Day Temperature Departure



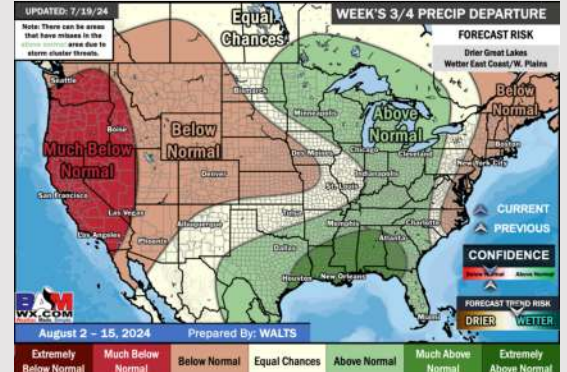
Next 7 Day Total Precipitation



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.