

Houston Pilots Forecast Package

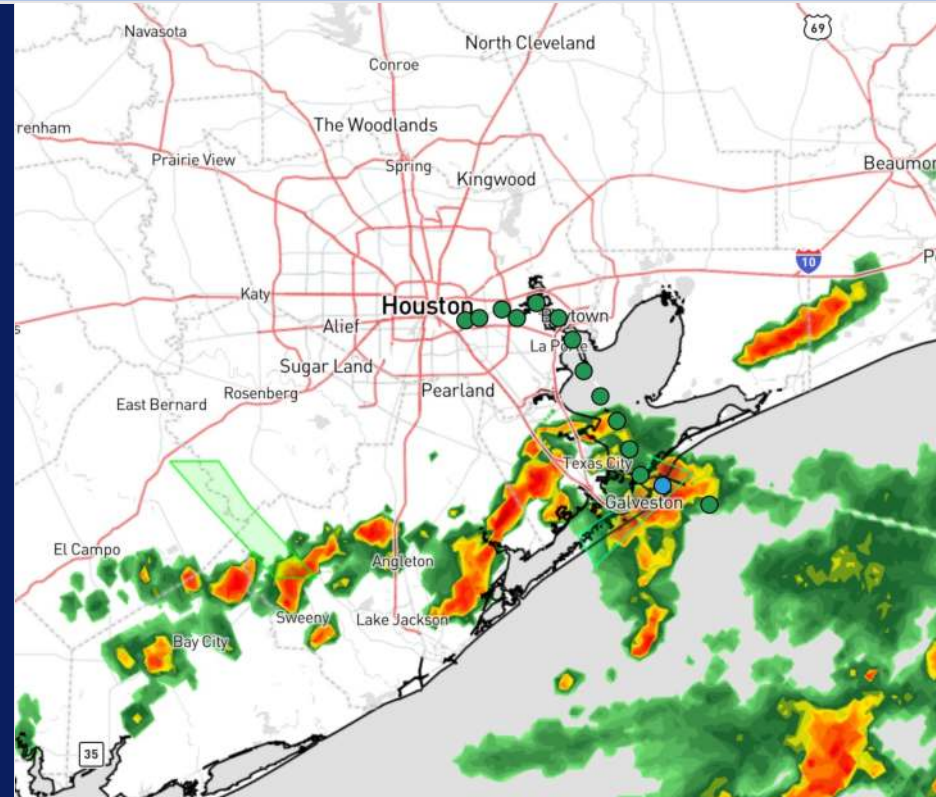


Updated: 12:40 PM CT
Sunday, July 21, 2024

Forecaster: Hope Kleitsch

Weather Headlines

- Scattered downpours/storms will continue to work through the area through the week.
- 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: 12:40 PM CT



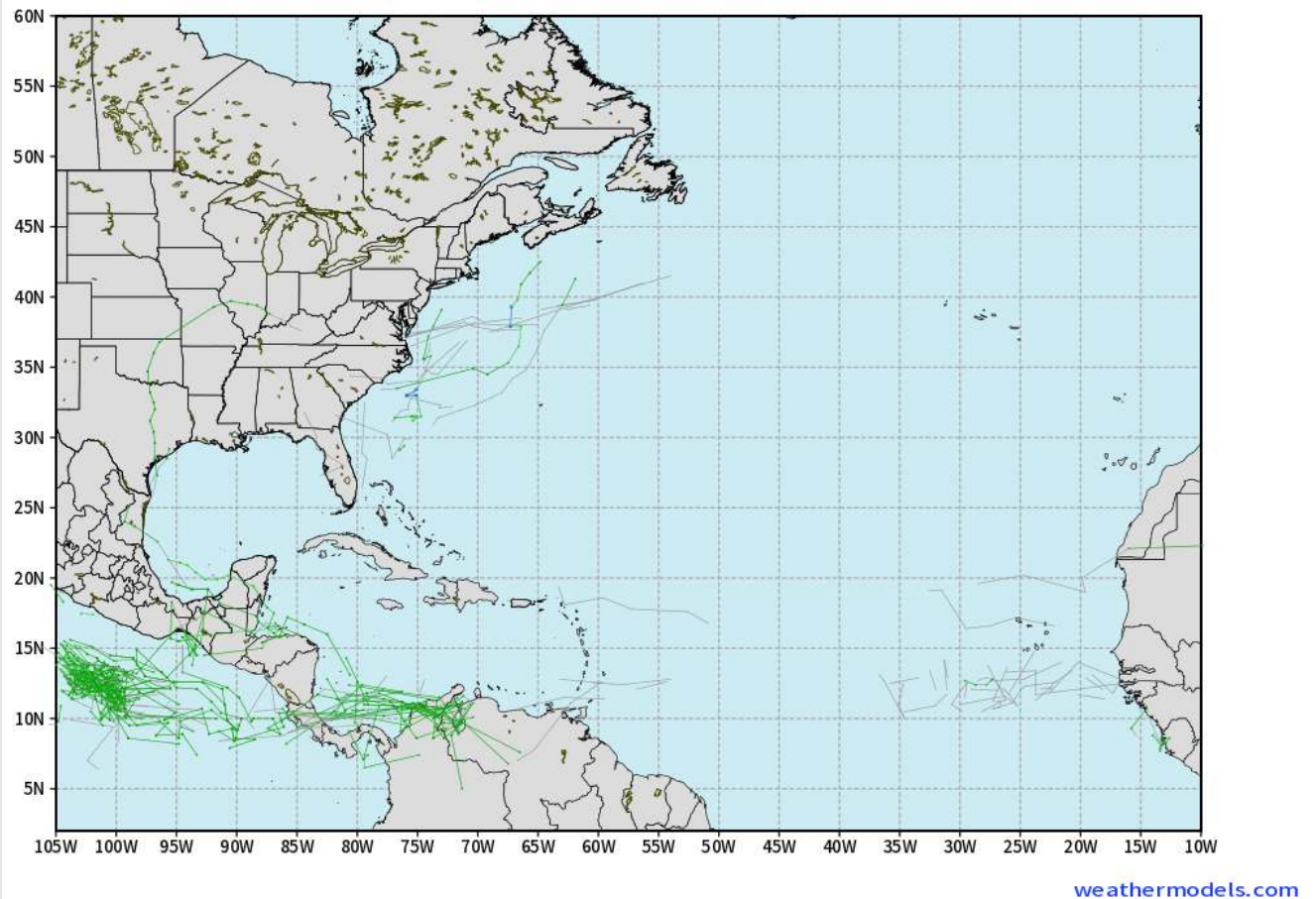
As always, please do not hesitate to reach out to us with any forecast questions via the chat option on Clarity or our on-call number, **(317)-560-8122** press **1** for forecast questions.

Houston Pilots Tropical Update

European Model Next 10 Days - Tropical Tracks

ECMWF ATLANTIC EPS Cyclone Locations --> Next [10-days]
INIT: 00Z21JUL2024 --> UNTIL 00Z31JUL2024

o-o ENSEMBLE MEAN	o-o 960 - 979 hPa
o-o 1000 - 1010 hPa	o-o 950 - 959 hPa
o-o 980 - 999 hPa	o-o < 950 hPa



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	Sun 1pm	Sun 2pm	Sun 3pm	Sun 4pm	Sun 5pm	Sun 6pm	Sun 7pm	Sun 8pm	Sun 9pm	Sun 10pm	Sun 11pm	Mon 12am	Mon 1am	Mon 2am	Mon 3am	Mon 4am	Mon 5am	Mon 6am	Mon 7am	Mon 8am	Mon 9am	Mon 10am	Mon 11am	Mon 12pm
610 Bridge	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	9	6	10	10	10	10	10
Kinder 1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	6	10	10	10	10	10
Greens Bayou	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	6	10	10	10	10	10
Shell Crude	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	6	10	10	10	10	10
Lynchburg Ferries	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	6	10	10	10	10	10
Exxon 3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	6	10	10	10	10	10
Morgans Point	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	6	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	9	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	9	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	9	10	10	10	10	10
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	9
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	9
1 & 2 Bravo	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	9	10	10	9	9

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

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Houston Pilots: SUN. 7/21/2024



Forecast Discussion

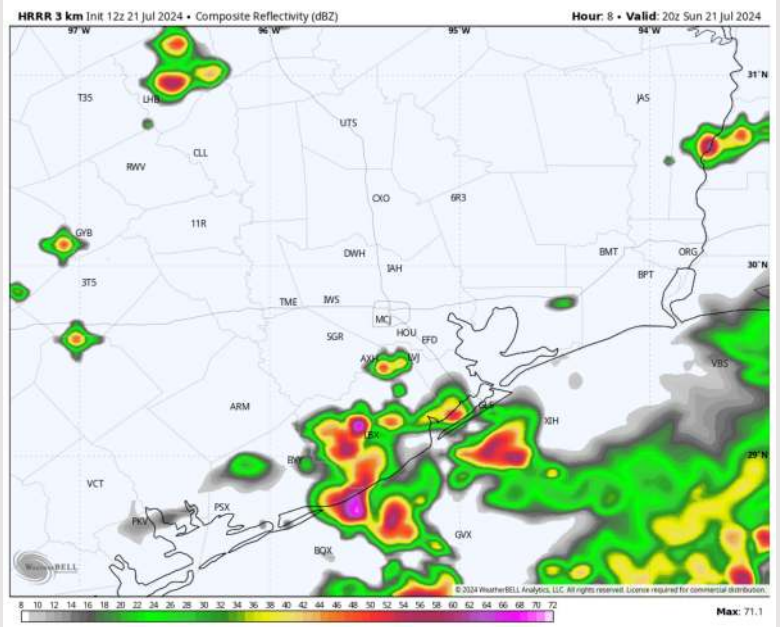
Precip: Showers and thunderstorms (40%) continue to move through all stations. Coverage (60%) will increase after 2 PM. Showers and storms will gradually push north of the stations, then favoring dry conditions after 7 PM. **Lightning, and hail will be possible for ALL stations!**

Wind: Winds will be generally out of the S/SE throughout the day today. **N of Morgan's Point:** Winds will be at 2 – 9 kts for the entire day. **S of Morgan's Point:** Favoring winds at 10– 13 kts through 8PM before decreasing to 5– 9 kts for the remainder of the overnight. **30 – 35 kts wind gusts possible for ALL Stations. BEST potential is S. of Morgan's Point**

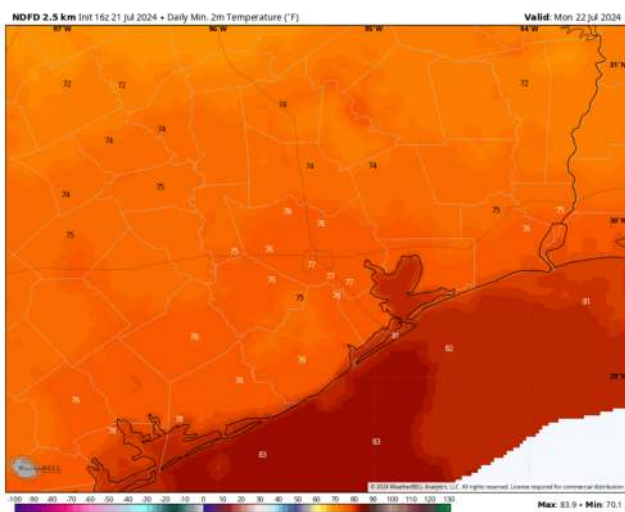
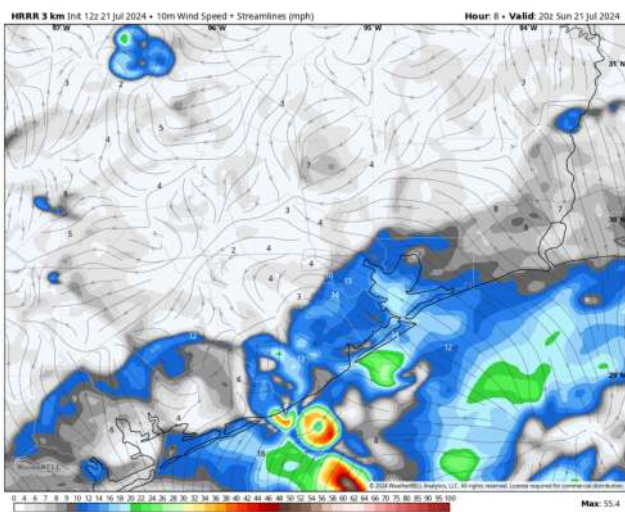
Low Temps: **N of Morgan's Point:** Upper 70s F. **S of Morgan's Point:** Near 70 F.

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

Precip Image: 3 PM CT



Wind Speed:
3 PM CT



Low Temps
MON AM

Houston Pilots: MON. 7/22/2024



Forecast Discussion

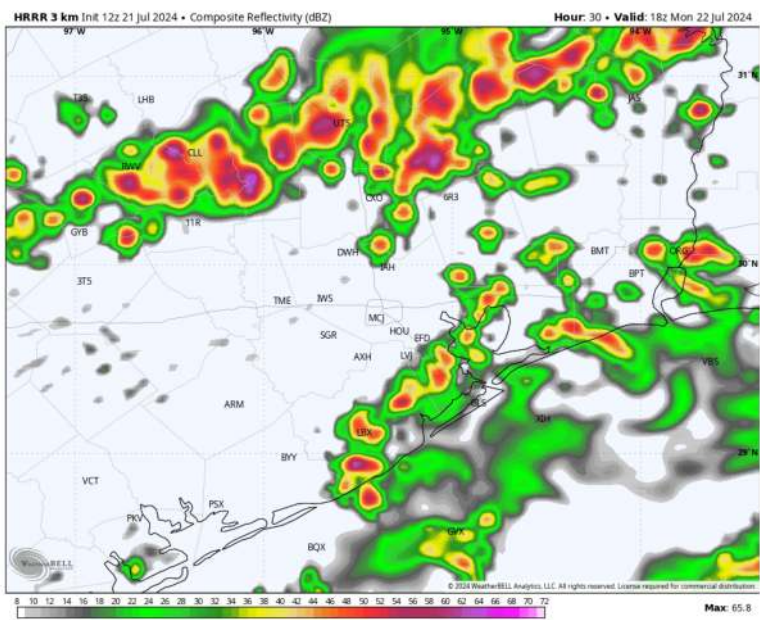
Precip: Scattered showers/storms (40%) are expected throughout much of Monday. Coverage will start to become isolated (20%) in nature after 7 PM. A few isolated lighter showers are possible throughout the night; however, most will remain dry. **Lightning, hail, and 35-40 kts wind gusts will be possible!**

Wind: Winds will be out of the southwest through 12 PM before shifting out of the S through the remainder of the day. **N of Morgan's Point:** Winds at 5 - 10 kts through the entire day . **S of Morgan's Point:** Winds at 9 - 16 kts through the entire day.

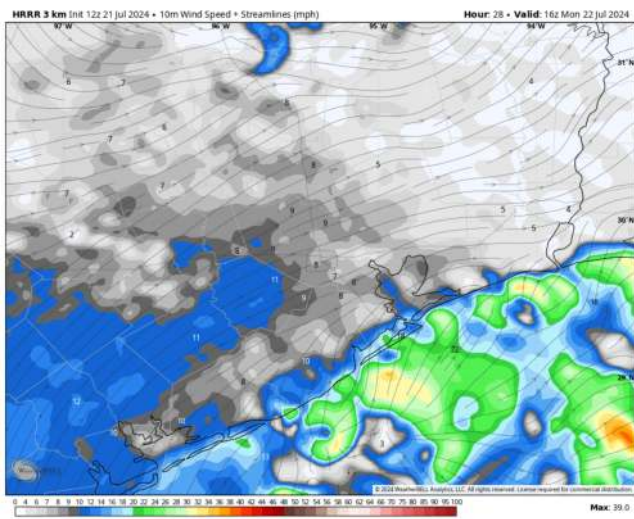
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Upper 80s F.

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

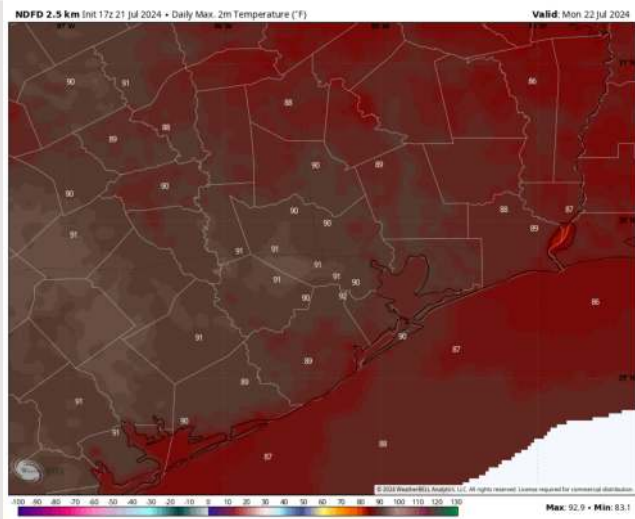
Precip Image: 1 PM CT



Wind Speed:
11 AM CT



High Temps
Monday



Houston Pilots: TUE. 7/23/2024



Forecast Discussion

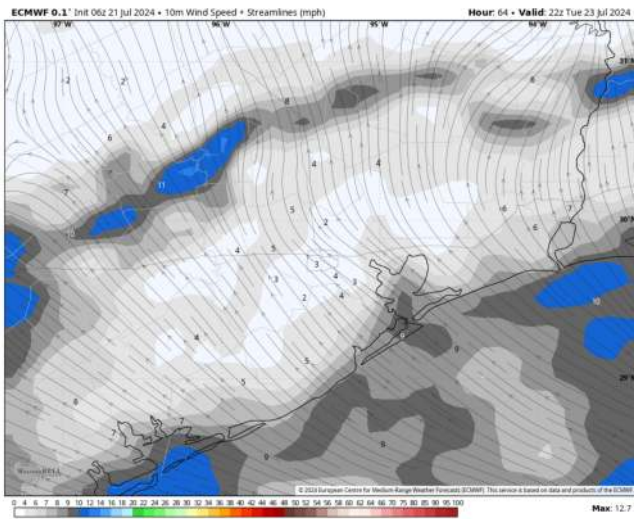
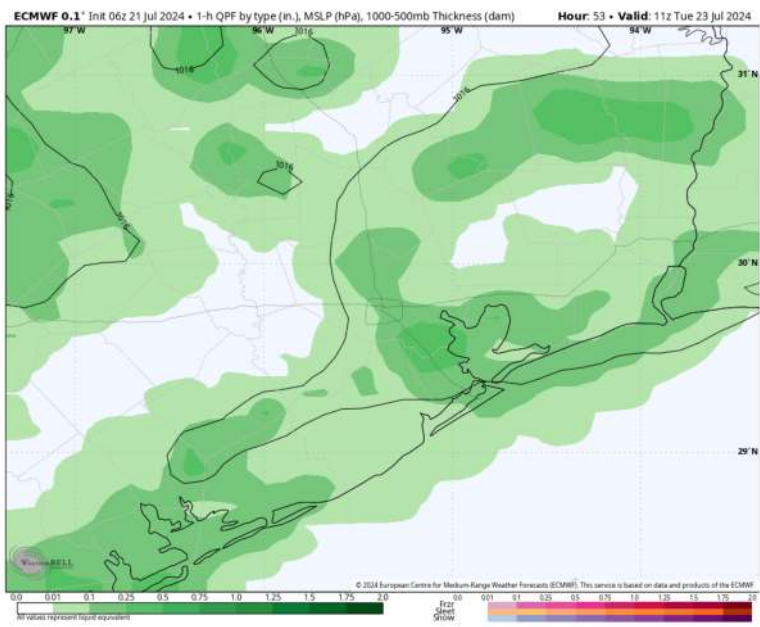
Precip: Widespread rain showers (80%) beginning at 3AM and continuing through 10AM. A small break in rain showers from 10AM – 1PM, before more rain moves in after 1PM and continues through 7 PM. Dry conditions are favored for the remainder of the evening.

Wind: Winds will be variable out of the SW/S until 3 PM, as they will shift out of the SE and stay there the rest of the day. **N of Morgan's Point:** Winds consistently at 2 – 6 kts. **S of Morgan's Point:** Winds at 7 – 12 kts through 5AM before slightly decreasing to 5 – 9 kts for the rest of the day!

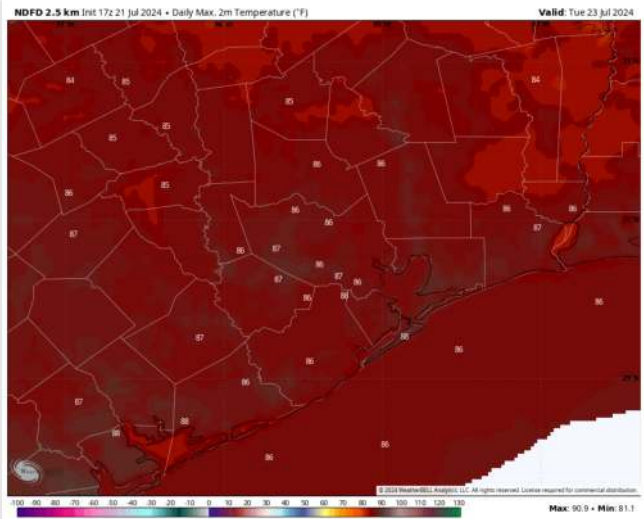
High Temps: **N of Morgan's Point:** Upper 80s F. **S of Morgan's Point:** Mid-to-Upper 80s F.

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

Precip Image: 6 AM CT

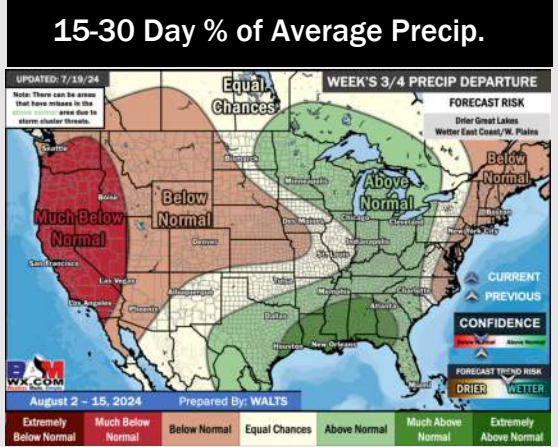
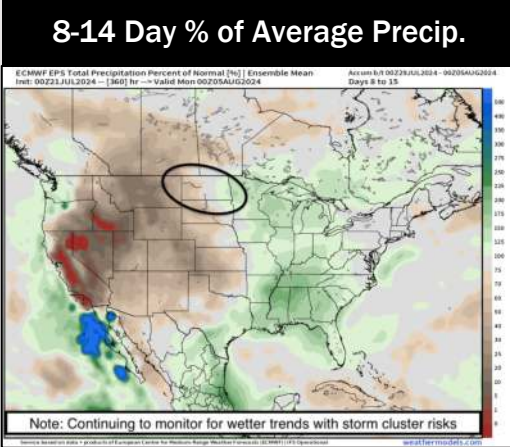
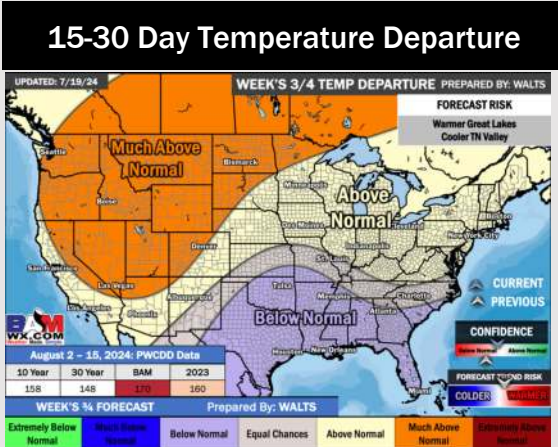
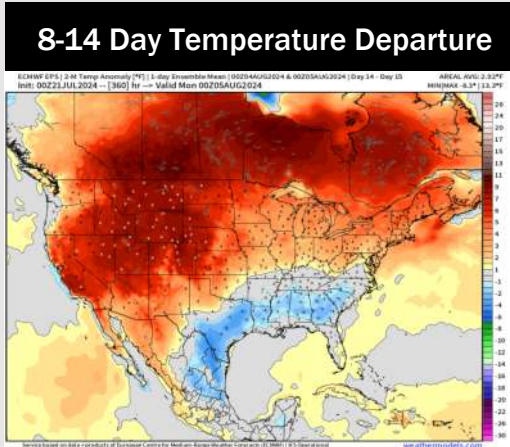
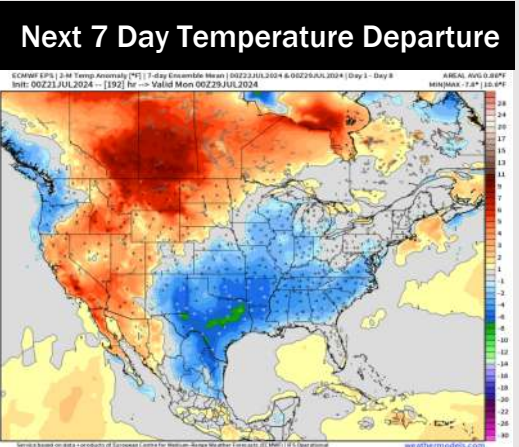


Wind Speed
5 PM CT



High Temps
Tuesday

Houston Pilots: 7/20/24



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