

Houston Pilots Forecast Package

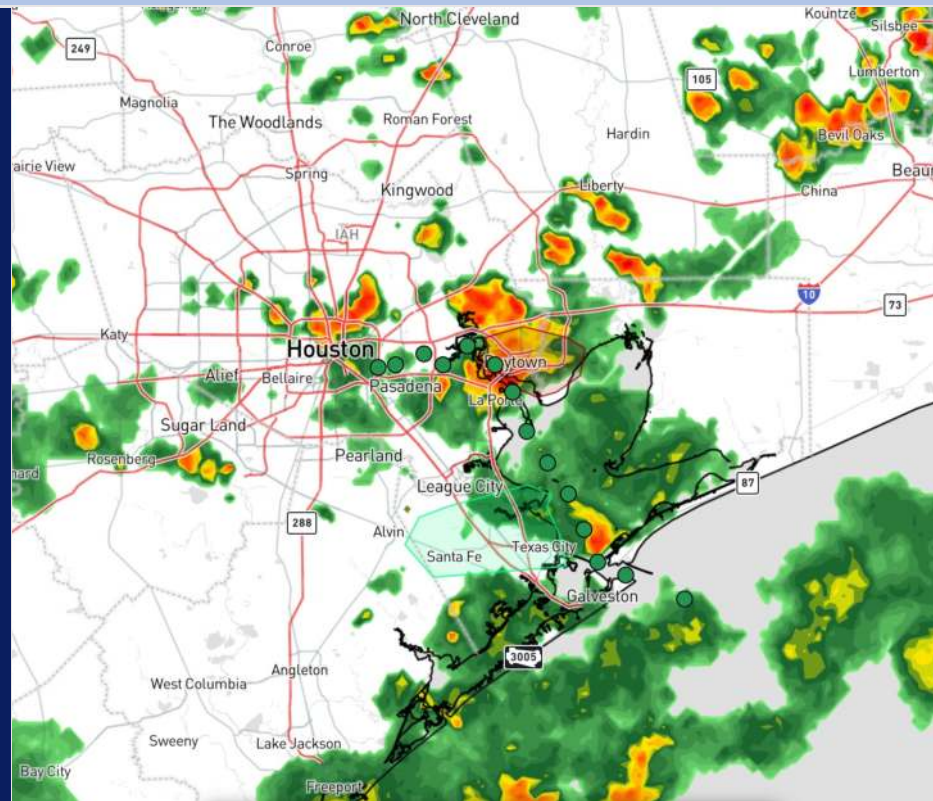


Updated: 12:50 PM CT
Monday, July 22, 2024

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.



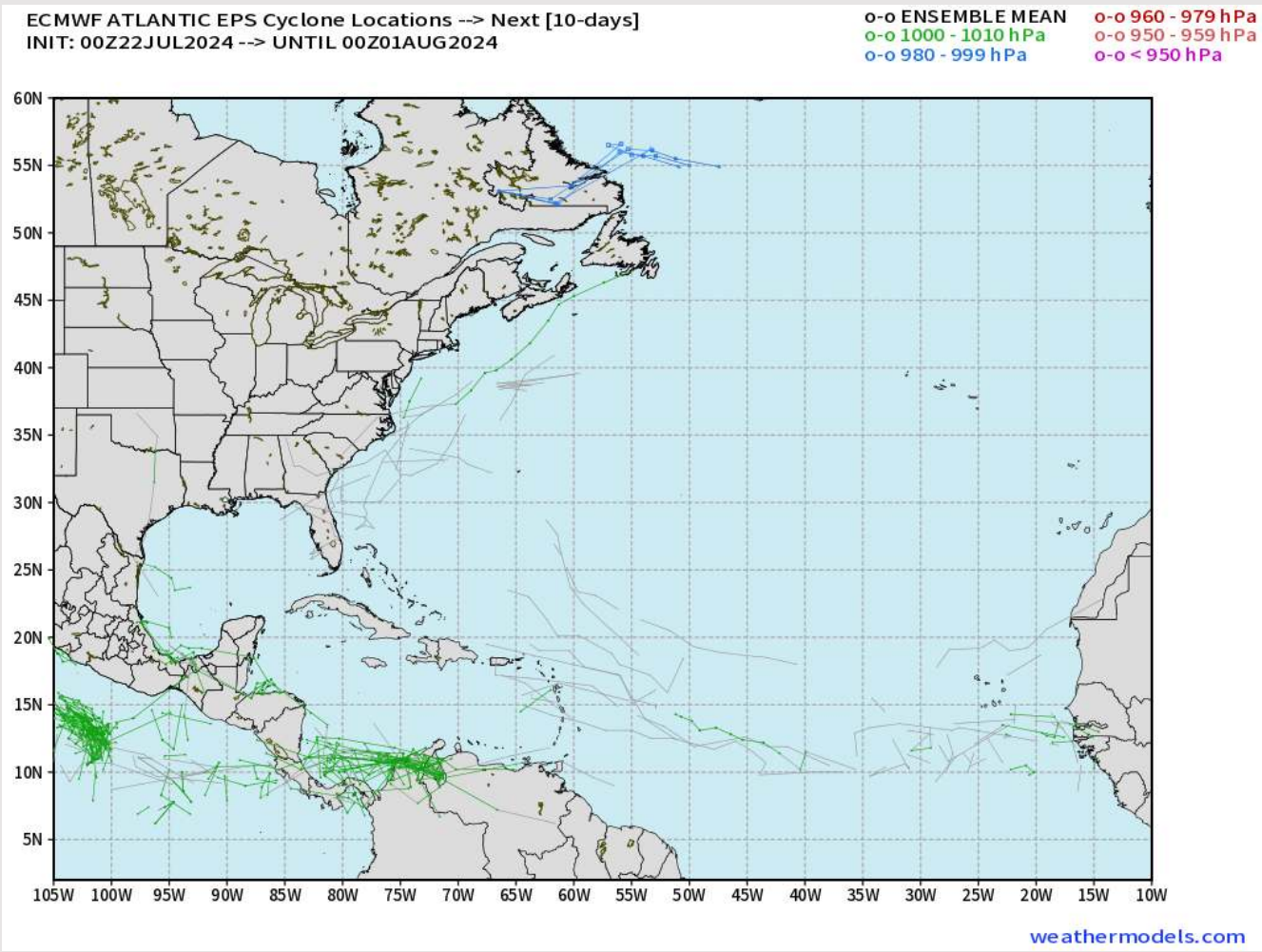
Current Radar: 12:50 PM CT



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



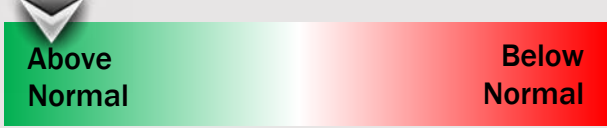
Not in favor of any tropical threats over the next 10 days to the HOU area.

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)



Forecast Confidence



Time	Mon 1pm	Mon 2pm	Mon 3pm	Mon 4pm	Mon 5pm	Mon 6pm	Mon 7pm	Mon 8pm	Mon 9pm	Mon 10pm	Mon 11pm	Tue 12am	Tue 1am	Tue 2am	Tue 3am	Tue 4am	Tue 5am	Tue 6am	Tue 7am	Tue 8am	Tue 9am	Tue 10am	Tue 11am	Tue 12pm	
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	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	9
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	9
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	9
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	9
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	9
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	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	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	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	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	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	9
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	9	7

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



Sustained wind 13 Knots
Gusts 18 Knots
Wind from the N

Example

WS: 13
G:18
N

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

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Houston Pilots: MON. 7/22/2024



Forecast Discussion

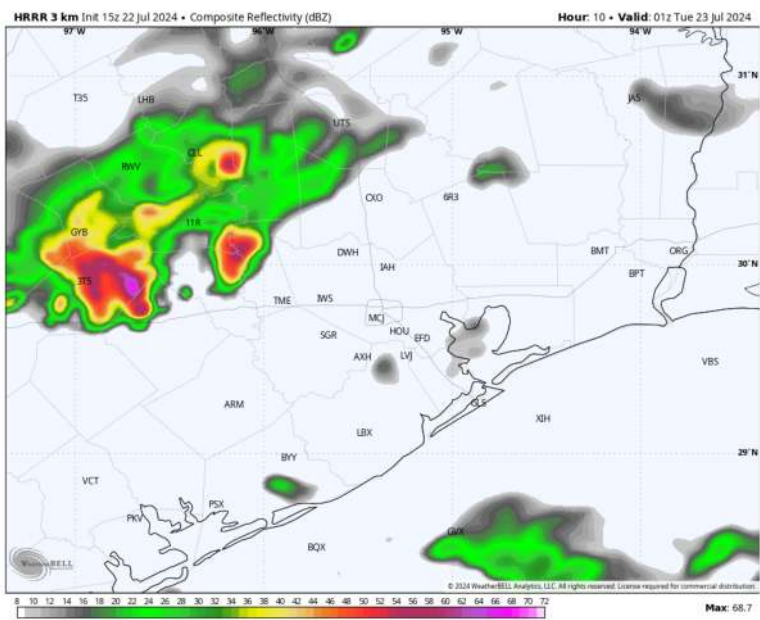
Precip: Scattered (40%) thunderstorms will continue through all stations until 6 PM. Light showers can linger throughout the rest of night after 6 PM. **Lightning, hail, and 35-40 kts wind gusts are possible in thunderstorms!**

Wind: Winds will be rather variable until 6 PM before they settle out of the SE through the remainder of the night. **N of Morgan's Point:** Winds at 4 - 11 kts through the remainder of the day. **S of Morgan's Point:** Winds at 7 - 12 kts through the remainder of the day.

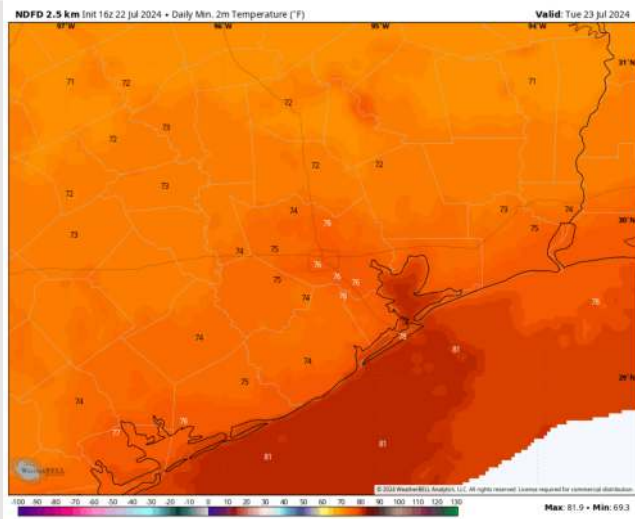
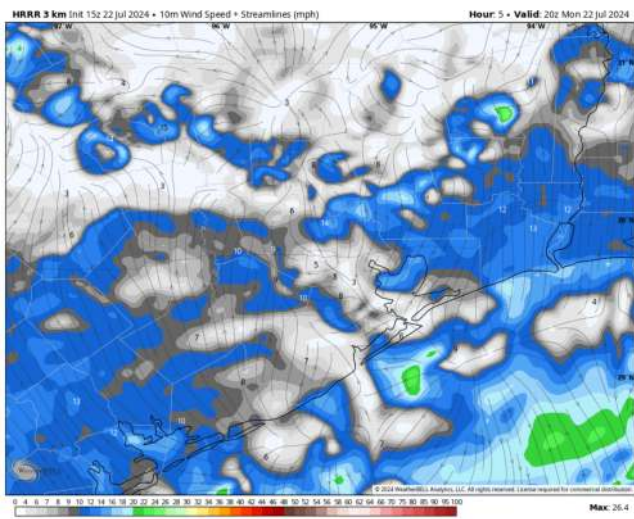
Low Temps: **N of Morgan's Point:** Mid 70s F. **S of Morgan's Point:** Upper 70s F.

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

Precip Image: 8 PM CT



Wind Speed:
3 PM CT



Low Temps
TUE AM

Houston Pilots: TUE. 7/23/2024



Forecast Discussion

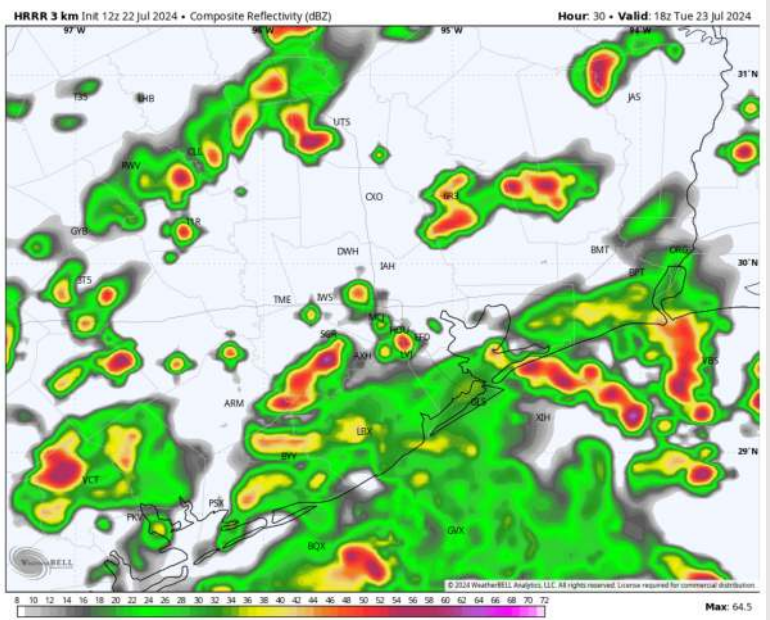
Precip: Scattered rain/thunderstorms (30%) will begin to push in after 7 AM for stations S. of Morgan's Point. Coverage becomes more widespread (80%) for all stations from 12 PM to 6 PM. After then, light scattered (30%) showers will linger throughout the rest of the night. **Lightning, hail, and 35-40 kt wind gusts will be possible!**

Wind: Winds will be variable out of the SW/S until 6 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 throughout the day on Tuesday.

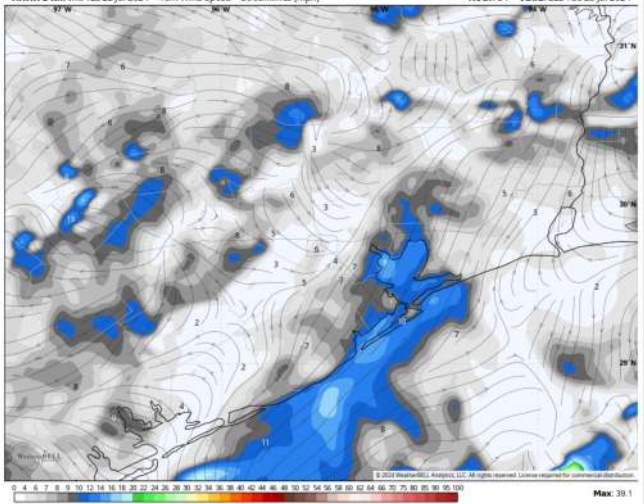
High Temps: **N of Morgan's Point:** Mid to Upper 80s F. **S of Morgan's Point:** Mid to Upper 80s F.

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

Precip Image: 1 PM CT

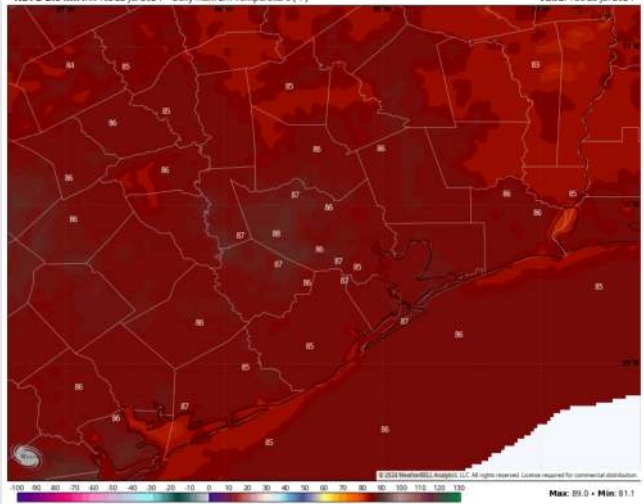


HRRR 3 km Init 12z 22 Jul 2024 • 10m Wind Speed + Streamlines (mph) Hour: 34 • Valid: 22z Tue 23 Jul 2024



Wind Speed
5 PM CT

NDFD 2.5 km Init 16z 22 Jul 2024 • Daily Max. 2m Temperature (F) Valid: Tue 23 Jul 2024



High Temps
Tuesday

Forecast Discussion

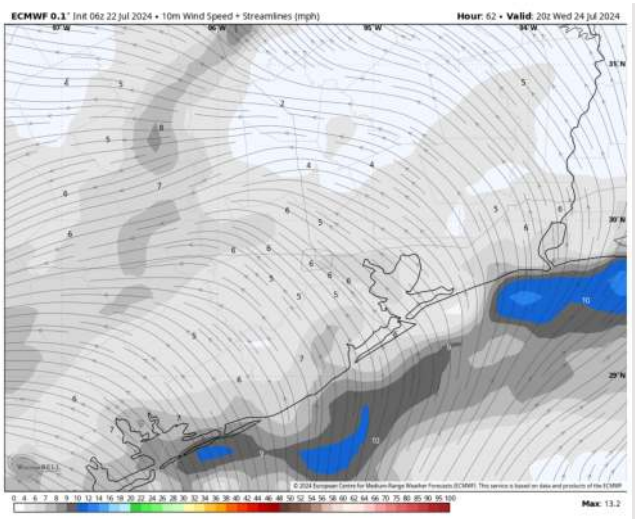
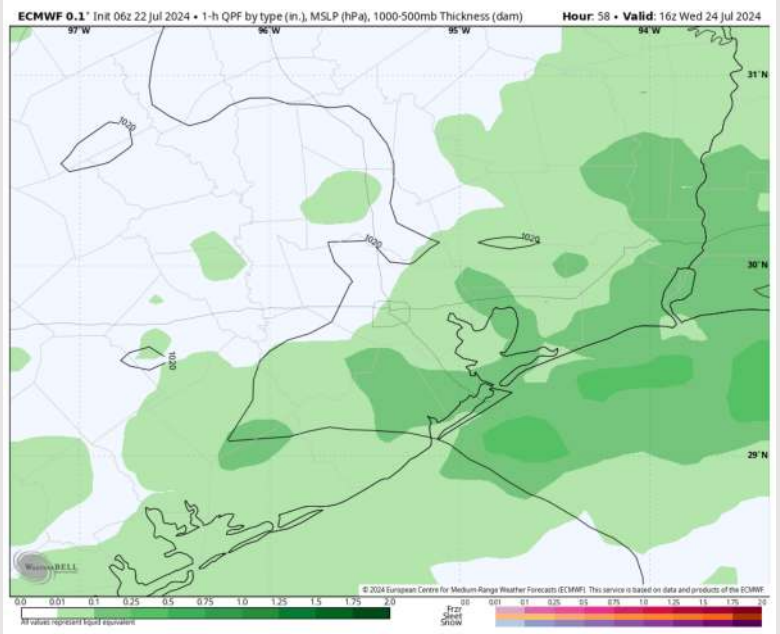
Precip: Widespread (80%) showers/thunderstorms will be possible through 5 PM. After 5 PM chances will become more scattered (40%) and lighter in nature throughout the rest of the day WED. **Lightning, hail, and 20 – 25 kts wind gusts will be possible for all stations!**

Wind: Winds will be generally out of the S/SE throughout the day Wednesday. **N of Morgan's Point:** Winds will be at 2 – 8 kts for the entire day. **S of Morgan's Point:** Favoring winds at 5 – 10 kts throughout the day on Wednesday.

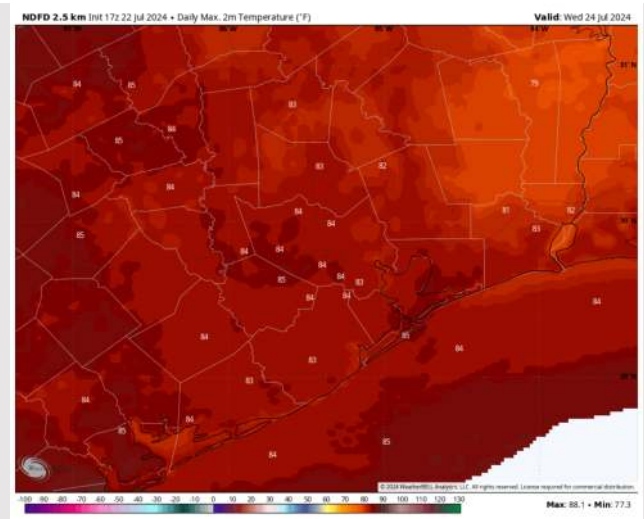
High Temps: **N of Morgan's Point:** Low to mid 80s F. **S of Morgan's Point:** Mid 80s F.

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

Precip Image: 11 AM CT

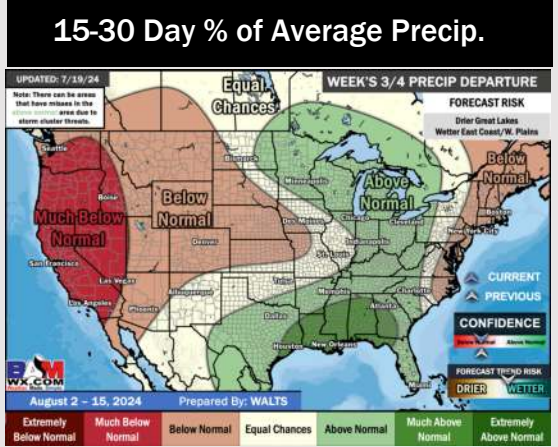
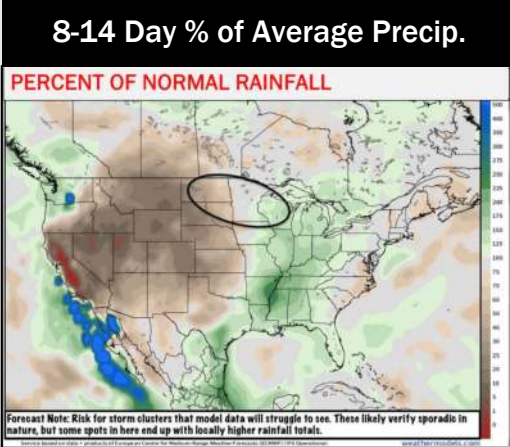
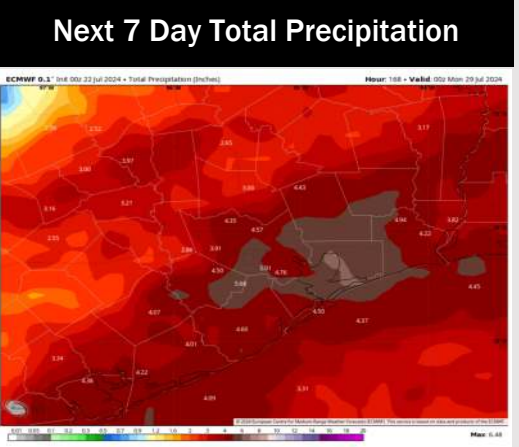
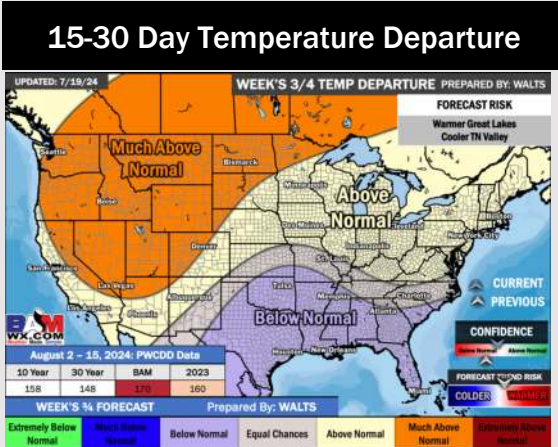
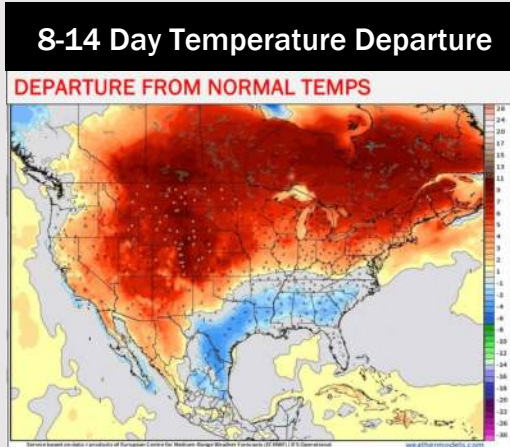
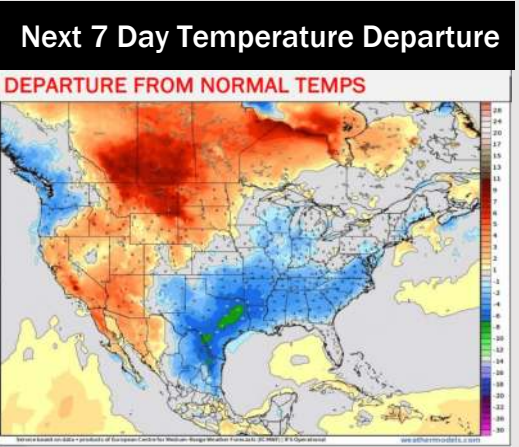


Wind Speed:
3 PM CT



High Temps
Wednesday

Houston Pilots: 7/22/24



- 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.