

Houston Pilots Forecast Package



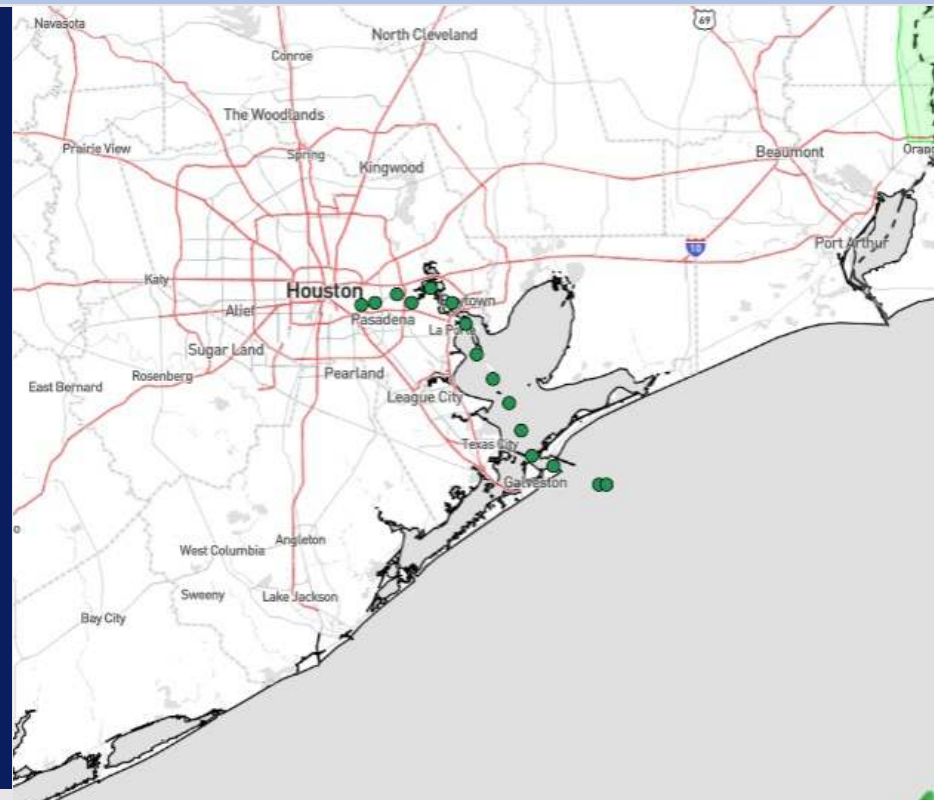
Updated: 10:40 PM CT

Wednesday, July 17, 2024

Forecaster: Xander Lowry

Weather Headlines

- Scattered showers/storms will continue to work through the area over the next few days.
- Winds remain generally calm over the next 72 hours with sustained winds rarely exceeding 14 kts at all stations
- Not anticipating any fog concerns the next few days.



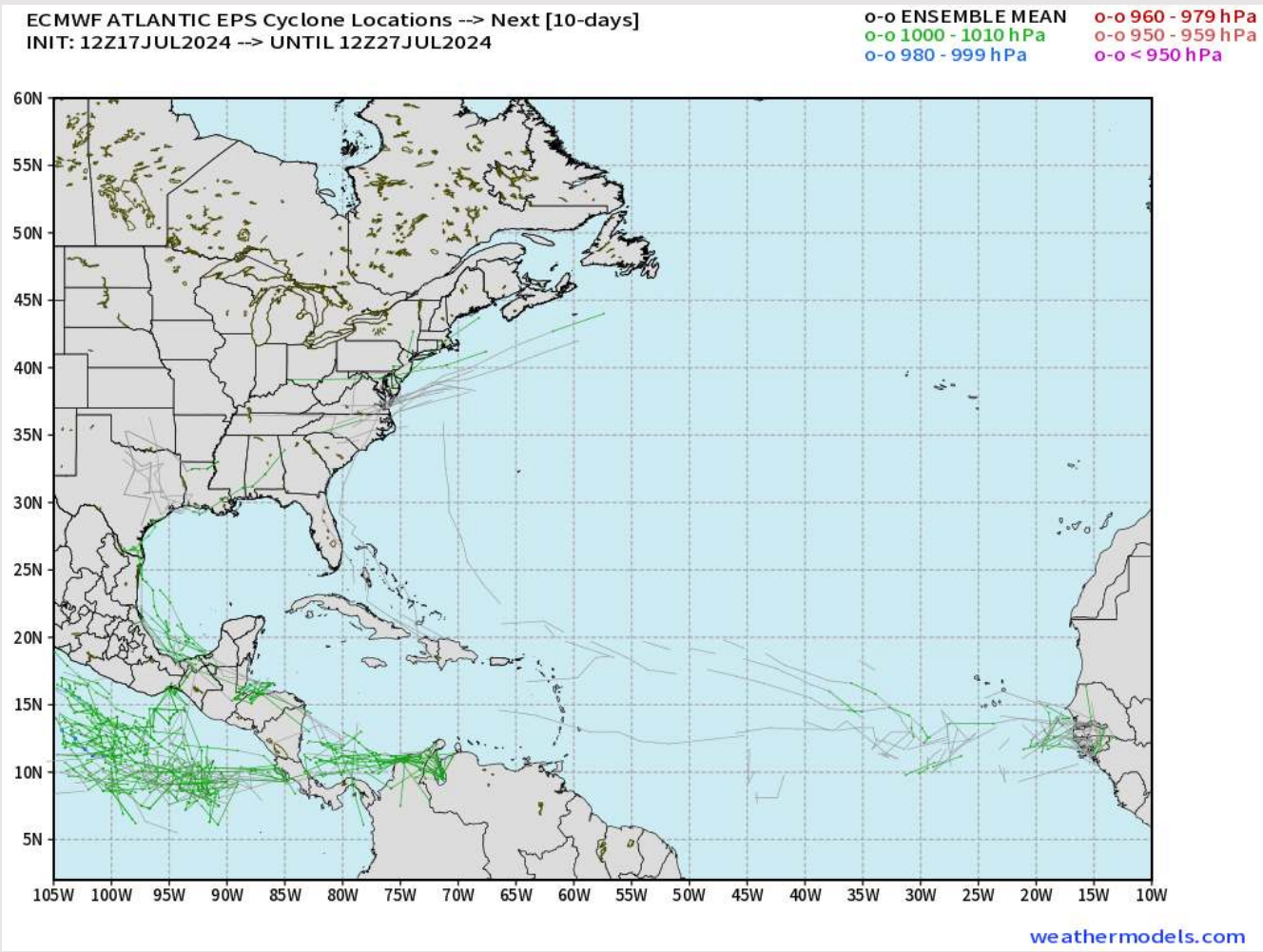
Current Radar: 10:40 PM CT



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)



Forecast Confidence



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

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Houston Pilots: THU. 7/18/2024



Forecast Discussion

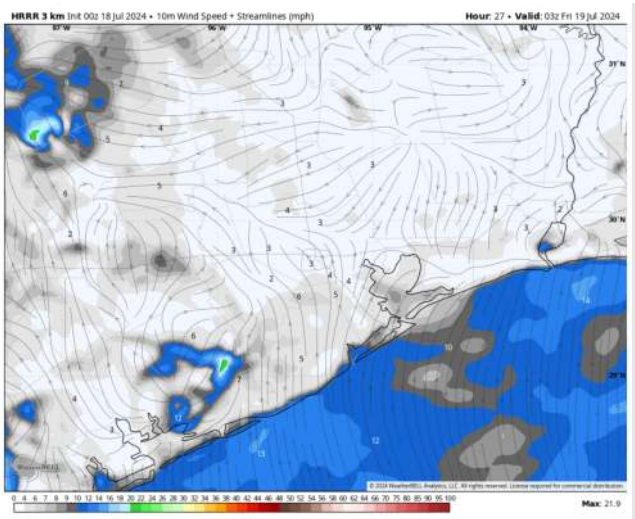
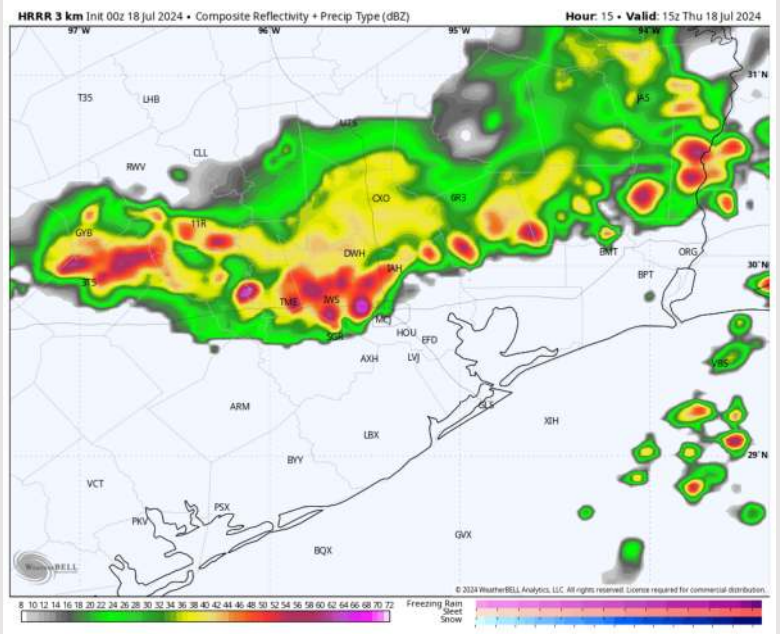
Precip: Scattered showers and thunderstorms (60%) will enter the area after 6 AM and will continue through 2 PM. We could see a break in the activity between 2 PM – 6 PM. After 6PM scattered (20-30%) chances will linger throughout the evening. **Lightning, hail, and wind gusts of 40-45 kts will be possible!**

Wind: Winds will be variable throughout the majority of the day, with winds shifting to be out of the SW/S by 7PM. **N of Morgan's Point:** Winds be at 2-8 kts for today. **S of Morgan's Point:** Winds at 7-12 kts for THU..

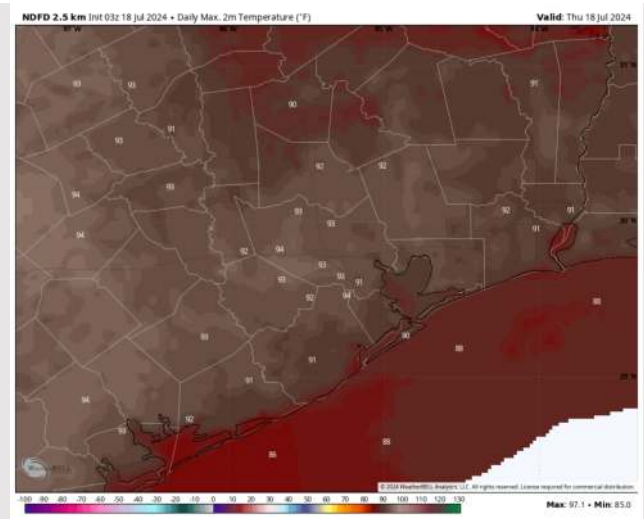
High Temps: **N of Morgan's Point:** Low 90s F. **S of Morgan's Point:** Near 90 F.

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

Precip Image: 10 AM CT



Wind Speed:
10 PM CT



High Temps
Today

Houston Pilots: FRI. 7/19/2024



Forecast Discussion

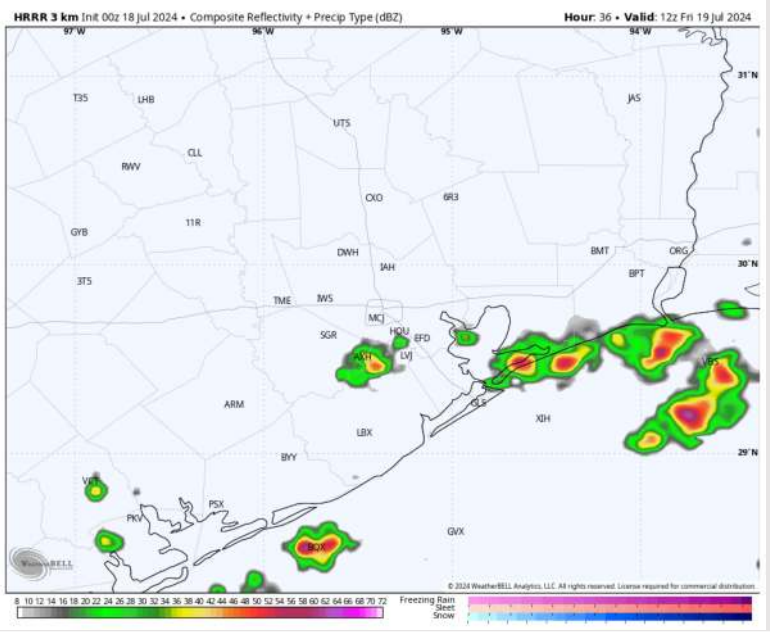
Precip: Scattered showers/storms will continue across the area throughout the entire day on FRI (30%), with coverage becoming more hit/miss (10%) and contained mostly to the south after 8 PM.

Wind: Winds out of the W/NW throughout the AM, before shifting out of the S/SW by 6 PM and staying there through the remainder of the day. **N of Morgan's Point:** Winds be at 2-7 kts throughout FRI. **S of Morgan's Point:** Winds at 5-10 kts throughout the entire day.

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

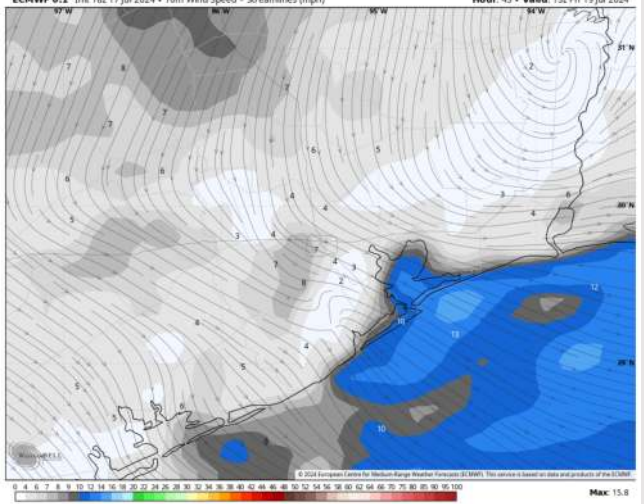
Visibility: Fog is not favored for Friday; however, low visibilities are possible under heavy downpours.

Precip Image: 7 AM CT



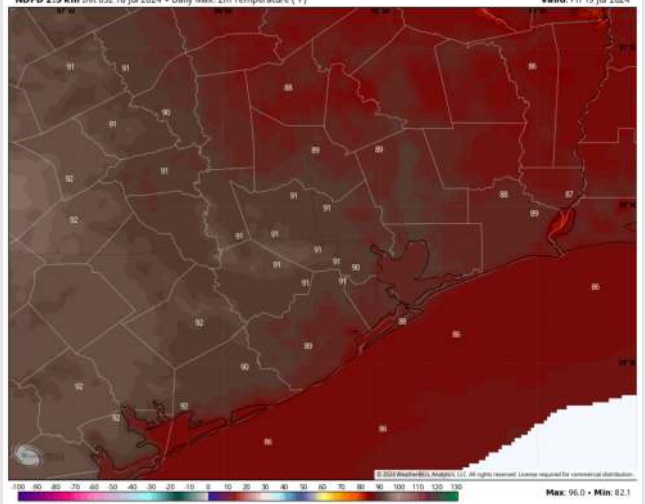
ECMWF 0.1° Init 18z 17 Jul 2024 • 10m Wind Speed • Streamlines (mph) Hour: 03 • Valid: 13z Fri 19 Jul 2024

Wind Speed:
8 AM CT



NDFD 2.5 km Init 03z 18 Jul 2024 • Daily Max 2m Temperature (F) Valid: Fri 19 Jul 2024

High Temps
Friday



Houston Pilots: SAT. 7/20/2024



Forecast Discussion

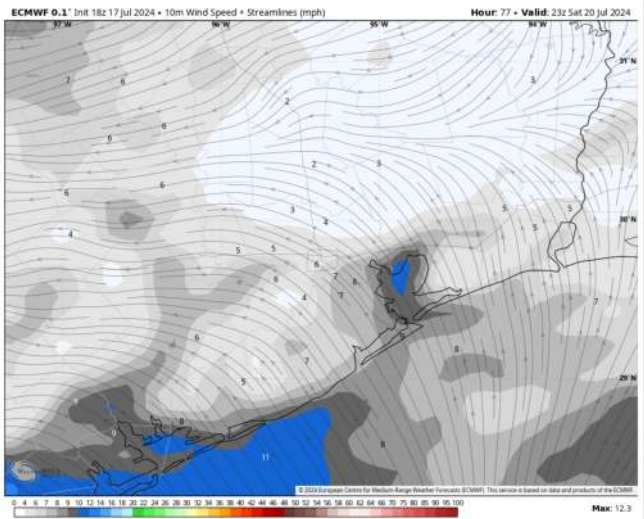
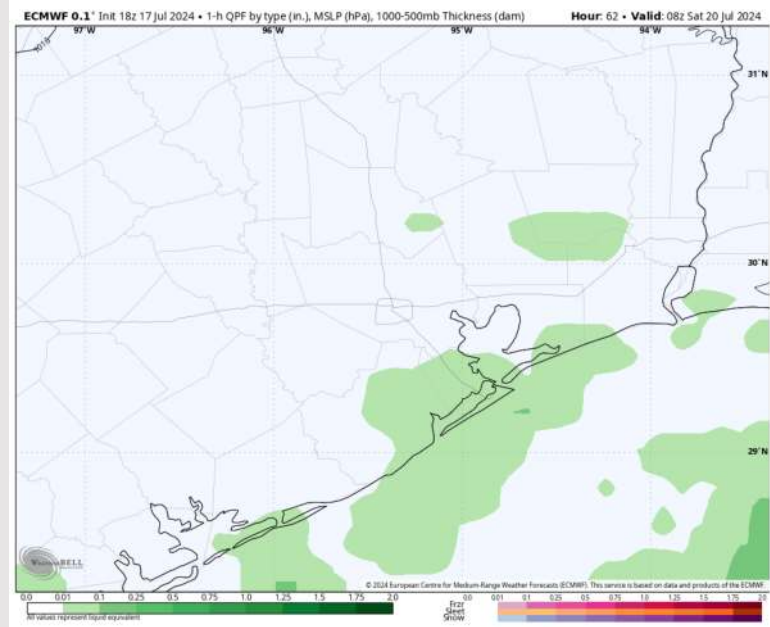
Precip: Hit and miss showers/storms (40%) in play through 8 AM. After 8AM, coverage will become more isolated (10%) through 9PM. Favoring dry after 9PM.

Wind: Winds will be variable through 6PM, before setting out of the SE/S for the rest of the day. **N of Morgan's Point:** Winds consistently at 2-7 kts through the rest of the day. **S of Morgan's Point:** Winds 4-9 kts throughout Saturday.

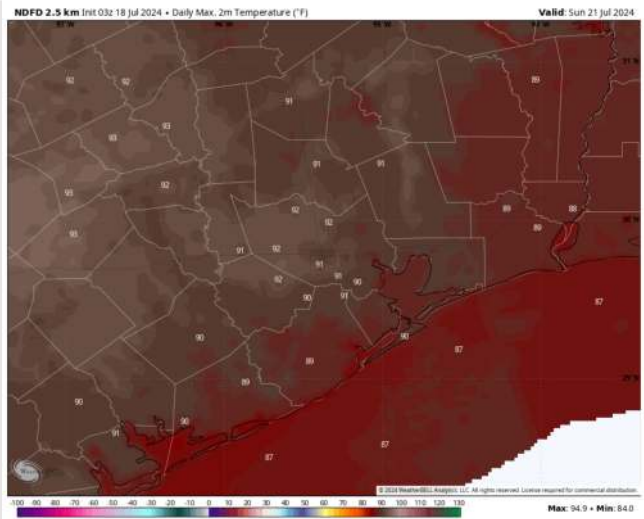
High Temps: **N of Morgan's Point:** Lower 90s F. **S of Morgan's Point:** Near 90 F.

Visibility: Not anticipating any fog concerns for today.

Precip Image: 3 AM CT



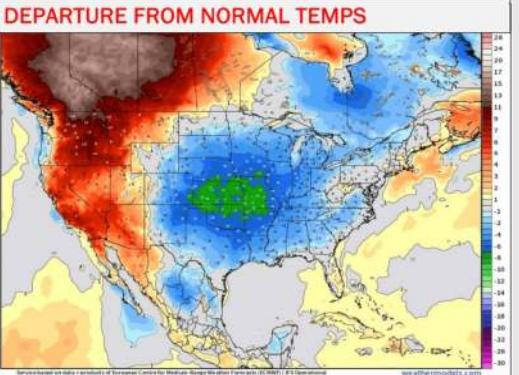
Wind Speed
6 PM CT



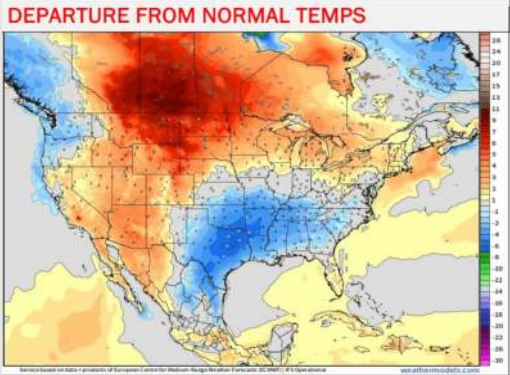
High Temps
Saturday

Houston Pilots: 7/18/24

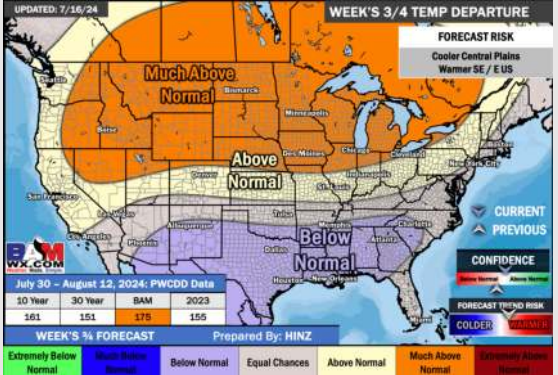
Next 7 Day Temperature Departure



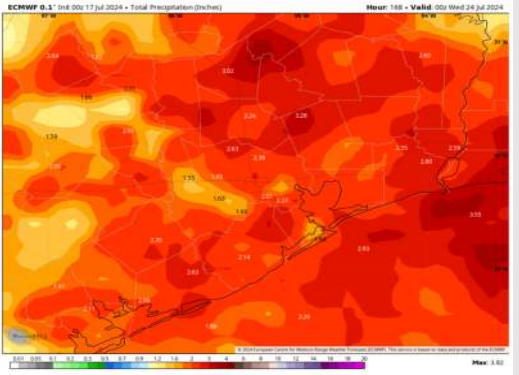
8-14 Day Temperature Departure



15-30 Day Temperature Departure



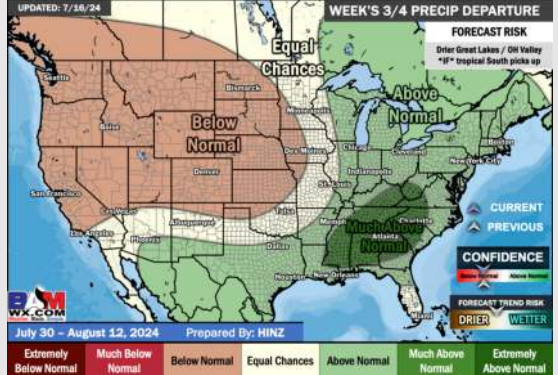
Next 7 Day Total Precipitation



8-14 Day % of Average Precip.



15-30 Day % of Average Precip.



- Temps are expected to be slightly below normal for the week 1 timeframe. Scattered rain/storms will continue to work across the area over the coming days for Week 1.
- Well above normal precipitation 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.