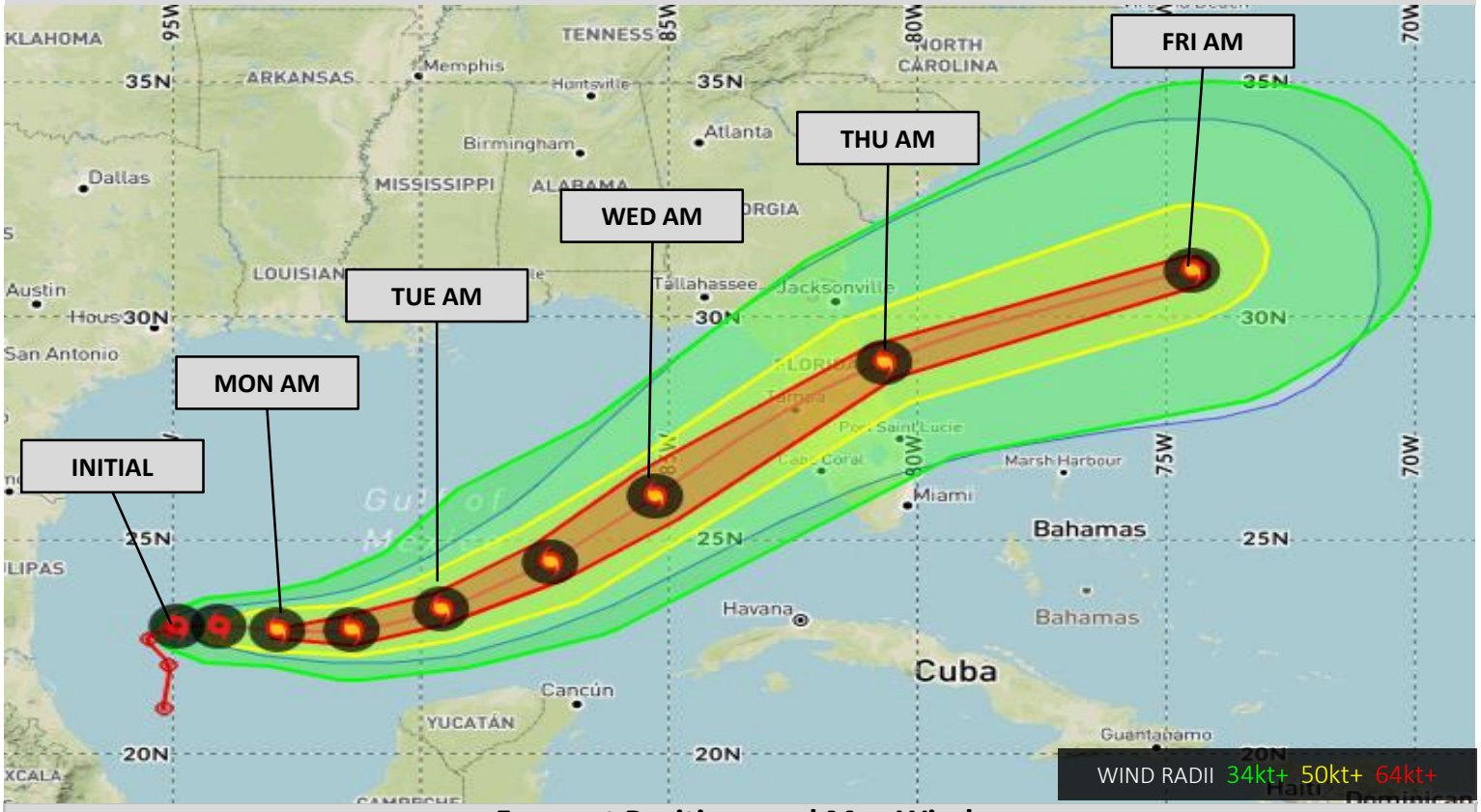
Active Storm Advisory

Tropical Storm Milton Advisory #5				Effective: October 6, 2024 0400 CDT
Storm Center	23.0N 94.9W (Approximately 310 nm WNW of Progreso, Mexico)			
Current Movement	East at 4 knots.			
Sustained Winds/Gusts	45 knots / 55 knots			
34kt Wind Radii	20 NE	30 SE	30 SW	20 NW
50kt Wind Radii	0 NE	0 SE	0 SW	0 NW
64kt Wind Radii	0 NE	0 SE	0 SW	0 NW
Forecast Trend	Milton is expected to continue eastward today and Monday, strengthening into a hurricane tonight. The system will turn northeastward on Tuesday before making landfall in Florida later Wednesday.			

FORECAST TRACK



Forecast Positions and Max Winds

Track Forecast Confidence: High | **Intensity Forecast Confidence: Average**

Storm Center Time/Date (CDT)		UTC Time	Position		Sustained Winds		Motion	Category*
+0 hr	Sun, Oct 6 0400	0900	23.0N	94.9W	45 KT	50 MPH	E 4 KT	TS
+12 hr	Sun, Oct 6 1300	1800	23.0N	94.1W	55 KT	65 MPH	E 6 KT	TS
+24 hr	Mon, Oct 7 0100	0600	22.9N	92.9W	65 KT	75 MPH	E 7 KT	CAT 1
+36 hr	Mon, Oct 7 1300	1800	22.9N	91.4W	80 KT	90 MPH	ENE 9 KT	CAT 1
+48 hr	Tue, Oct 8 0100	0600	23.4N	89.6W	90 KT	105 MPH	ENE 11 KT	CAT 2
+60 hr	Tue, Oct 8 1300	1800	24.5N	87.4W	100 KT	115 MPH	NE 12 KT	CAT 3
+72 hr	Wed, Oct 9 0100	0600	26.0N	85.3W	105 KT	120 MPH	NE 13 KT	CAT 3
+96 hr	Thu, Oct 10 0100	0600	29.0N	80.7W	80 KT	90 MPH	ENE 14 KT	CAT 1
+120 hr	Fri, Oct 11 0100	0600	31.0N	74.5W	65 KT	75 MPH	ENE 14 KT	CAT 1
+144 hr	--	--	--	--	--	--	--	--
+168 hr	--	--	--	--	--	--	--	--

Prepared by WeatherOps Forecaster: MALONE | 405.801.3919 | WeatherOps.com

*Saffir Simpson Scale

Active Storm Advisory

Tropical Storm Milton Advisory #5 | Effective: October 6, 2024 0400 CDT

Changes from Previous Advisory

Milton continues to gradually strengthen and is now on an easterly path.

Marine Weather Impacts

Winds: Gales are forecast togradually expand outwards of 30-90nm from the center from today into Monday and from 130-170nm from the center before landfall Wednesday morning. Hurricane conditions are forecast to develop tonight within 10-30nm from the storm center, expanding out to 40-50 nm from the center into Wednesday.

Seas: Rough seas are forecast develop in the western quadrant from 75-150nm from the center today. Rough seas will continue to expand around the system, from 80-120nm in the eastern quadrant and 150-300nm from the center in the north/south/western quadrants from Monday to Wednesday. Very rough seas are forecast to develop Monday into Tuesday extending 50-125nm from the center with high seas closer to the center.

Onshore Impacts

Florida: Hurricane conditions are forecast to develop across southwestern regions late Tuesday night and linger to Wednesday evening. Winds from 70-100 mph and gusts upwards of 130 mph are forecast near the landfall location with tropical storm winds extending 100-150 miles north and south along the coast from the landfall location. In addition, significant rainfall totals are forecast across much of Florida. Current indications suggest widespread rainfall amounts from 3-6” across much of Florida, not including the panhandle, with upwards of 7-10” possible from Tampa northeast to St. Augustine leading to flooding and flash flooding. Possible storm surge from 1-3’.

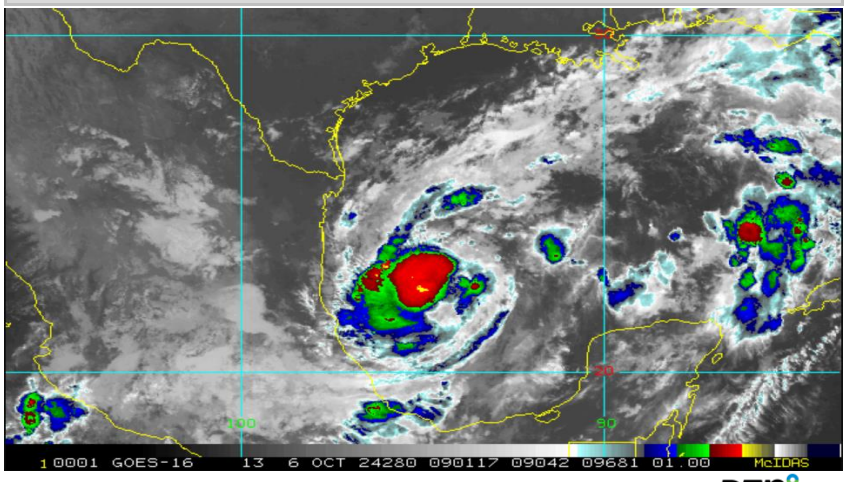
Forecast Discussion

Observational Perspective: Latest infrared satellite imagery continues to show a well defined circulation. Also depicted was an area of organized convection around the center, signaling a healthy environment for further development. Estimated maximum sustained winds at 45 knots.

Intensity Forecast: Very warm ocean temperatures remain in place throughout the Gulf of Mexico along with an abundance of moisture with the system expected to remain well south of the stronger vertical wind shear. Within the pocket of lower vertical wind shear across the southern Gulf of Mexico, rapid intensification is forecast with the system likely becoming a upper-end Category 2 or lower-end Category 3 hurricane briefly on Tuedsay before landfall on Wednesday. Long term, Milton is likely to remain at least at tropical storm, if not a minimal hurricane, intensity into the western Atlantic later next week.

Track Forecast: There is high confidence in the forecast track towards Florida. The system will continue on an easterly path through Monday. High pressure will build across Texas on Monday as a trough develops across the eastern US in the mid-levels of the atmosphere, which will steer Milton on a more ENE path from late Monday night into Tuesday with landfall expected in SW Florida Wednesday afternoon/evening.

Infrared Satellite

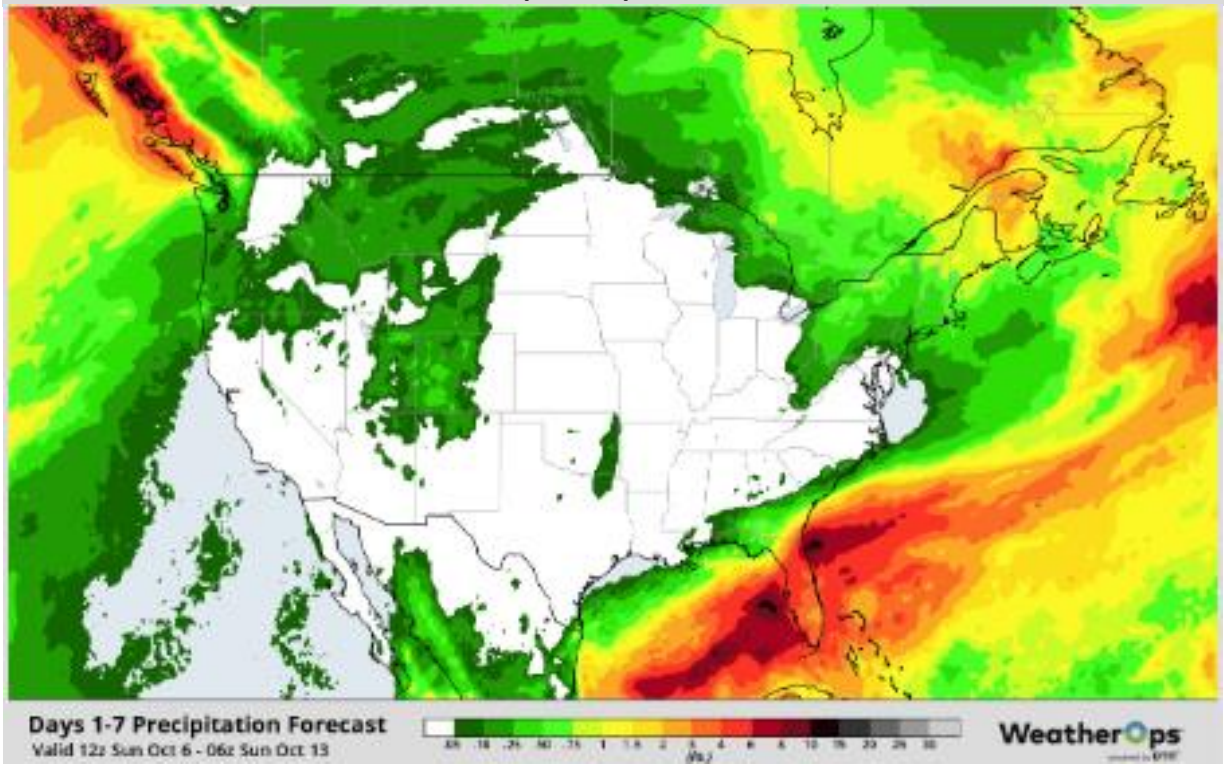


WeatherOps’ next advisory will be issued at 1000 CDT

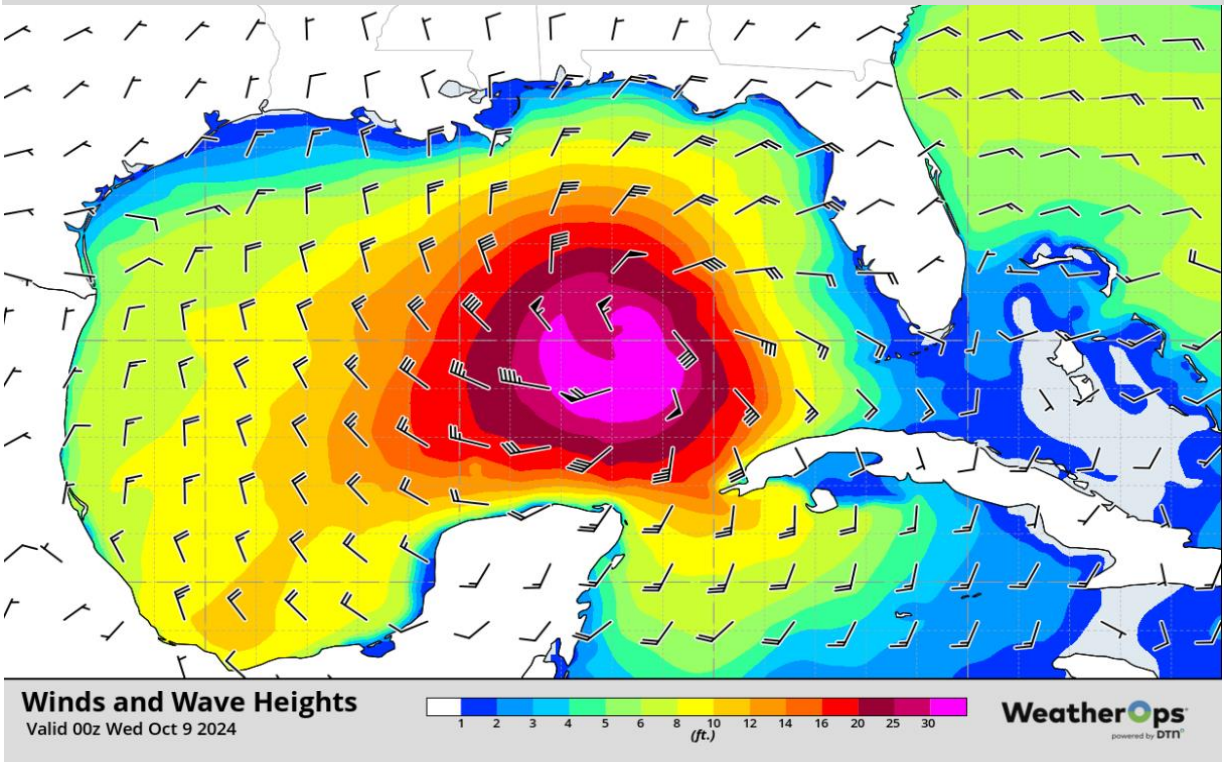
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Active Storm Advisory

WeatherOps Precipitation Forecast



WeatherOps Winds and Combined Seas, 0000 UTC Wednesday October 9, 2024



Active Storm Advisory

Tropical Storm Milton Advisory #5 — Effective: October 6, 2024 0400 CDT

Forecast 34 Knot (39 mph) Wind Radii								
Forecast Positions					Forecast Gale Radii (nm)			
Storm Center Time/Date (CDT)		UTC Time	Position		NE	SE	SW	NW
+0 hr	Sun, Oct 6 0400	0900	23.0N	94.9W	20	30	30	20
+12 hr	Sun, Oct 6 1300	1800	23.0N	94.1W	40	50	50	40
+24 hr	Mon, Oct 7 0100	0600	22.9N	92.9W	60	50	50	50
+36 hr	Mon, Oct 7 1300	1800	22.9N	91.4W	70	70	70	80
+48 hr	Tue, Oct 8 0100	0600	23.4N	89.6W	90	90	80	100
+60 hr	Tue, Oct 8 1300	1800	24.5N	87.4W	110	120	100	140
+72 hr	Wed, Oct 9 0100	0600	26.0N	85.3W	130	130	120	120
+96 hr	Thu, Oct 10 0100	0600	29.0N	80.7W	170	150	130	150
+120 hr	Fri, Oct 11 0100	0600	31.0N	74.5W	270	180	210	210
+144 hr	--	--	--	--	--	--	--	--
+168 hr	--	--	--	--	--	--	--	--