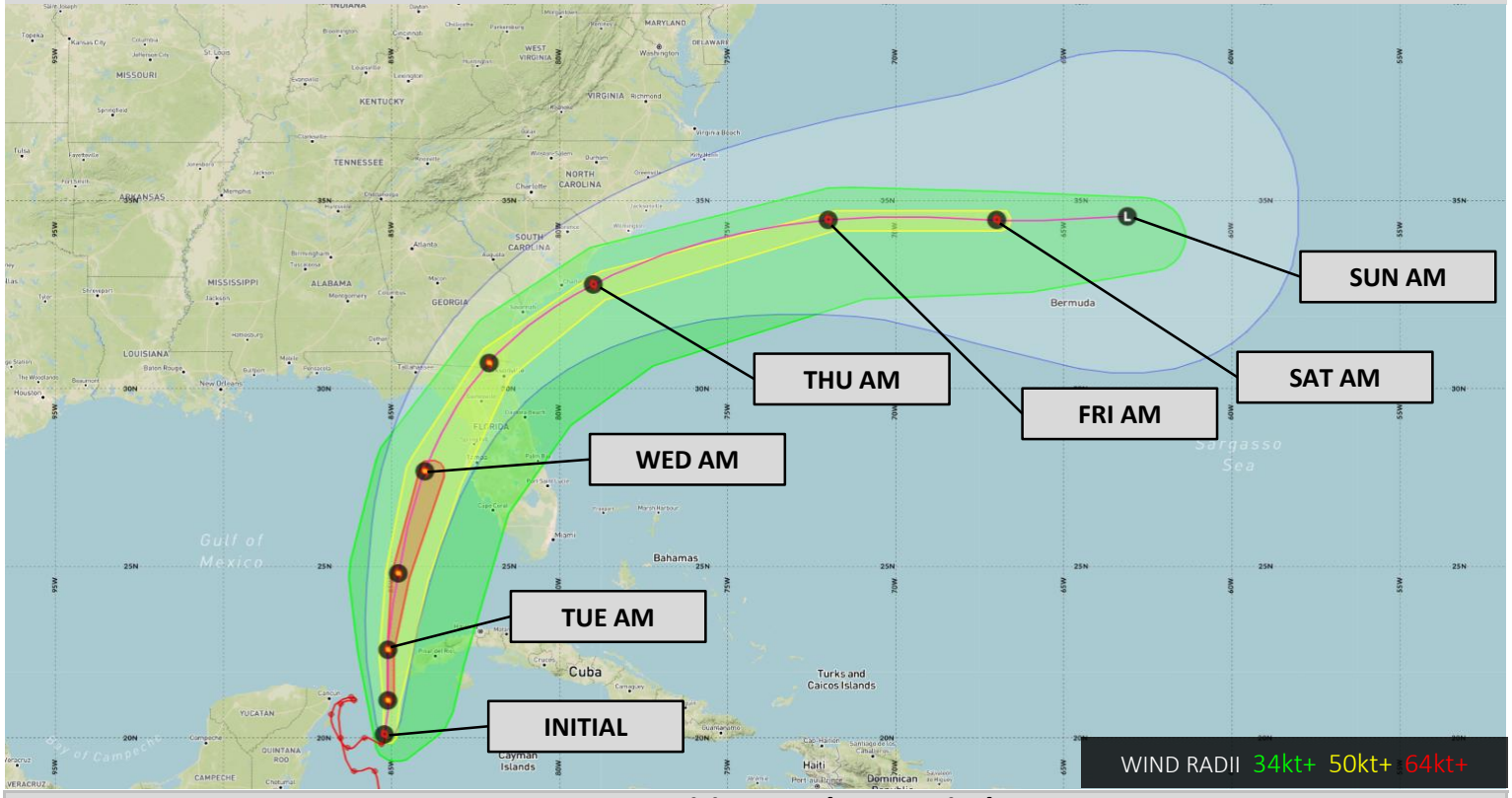
Active Storm Advisory

Tropical Storm Idalia Advisory #14				Effective: August 28, 2023 0500 EDT
Storm Center	20.1N 85.2W (Approximately 113nm Southeast of Cancun, Mexico)			
Current Movement	North at 6 knots.			
Sustained Winds/Gusts	55 knots / 65 knots			
34kt Wind Radii	60 NE	60 SE	20 SW	0 NW
50kt Wind Radii	20 NE	20 SE	0 SW	0 NW
64kt Wind Radii	0 NE	0 SE	0 SW	0 NW
Forecast Trend	Idalia will likely become a hurricane today and could strengthen significantly over the eastern Gulf.			

FORECAST TRACK



Forecast Positions and Max Winds

Track Forecast Confidence: Average				Intensity Forecast Confidence: Average				
Storm Center Time/Date (EDT)		**UTC Time**	**Position**		**Sustained Winds**		**Motion**	**Category***
+0 hr	Mon, Aug 28 0500	0900	20.1N	85.2W	55 KT	65 MPH	N 6 KT	TS
+12 hr	Mon, Aug 28 1400	1800	21.1N	85.1W	65 KT	75 MPH	N 8 KT	CAT 1
+24 hr	Tue, Aug 29 0200	0600	22.6N	85.1W	70 KT	80 MPH	N 11 KT	CAT 1
+36 hr	Tue, Aug 29 1400	1800	24.8N	84.8W	85 KT	100 MPH	NNE 15 KT	CAT 2
+48 hr	Wed, Aug 30 0200	0600	27.7N	84.0W	100 KT	115 MPH	NNE 17 KT	CAT 3
+60 hr	Wed, Aug 30 1400	1800	30.7N	82.1W	65 KT	75 MPH	NE 17 KT	CAT 1
+72 hr	Thu, Aug 31 0200	0600	32.8N	79.0W	55 KT	65 MPH	ENE 15 KT	TS
+96 hr	Fri, Sep 1 0200	0600	34.5N	72.0W	50 KT	60 MPH	E 10 KT	TS
+120 hr	Sat, Sep 2 0200	0600	34.5N	67.0W	50 KT	60 MPH	E 8 KT	TS
+144 hr	Sun, Sep 3 0200	0600	34.6N	63.1W	45 KT	50 MPH	E 8 KT	TS
+168 hr	--	--	--	--	--	--	--	--

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

*Saffir Simpson Scale

Tropical Storm Idalia Advisory #14 Effective: August 28, 2023 0500 EDT

Changes from Previous Advisory

Idalia will likely become a hurricane today.

Marine Weather Impacts

Gale-force winds extend 40-60nm from the center and could expand up to 140-160nm on the east side once Idalia becomes established over the eastern Gulf. Hurricane-force winds will be compact at only 25-30nm once formed.

Rough seas are forecast across the eastern Gulf of Mexico with rough seas forecast for all locations east of 86W as Idalia lifts to the north. High seas are forecast to build to the east of the center on Tuesday through landfall within 70nm with the potential for phenomenal seas just east of the center.

Onshore Impacts

Florida Panhandle: Tropical storm to hurricane force winds are forecast near the landfall location likely within the Big Bend of Florida. Tropical storm conditions will extend 100 to 140 miles to the east and south of the landfall location along the west coast of Florida. Widespread heavy rainfall between 2 to 4 inches is forecast with 3 to 6 inches anticipated within 50 miles of landfall. Heavy rain and flooding is to be expected. A significant storm surge is likely, especially east of the track center. Storm surge of 7-10 feet is possible should Idalia make landfall over the Big Bend with 3-6 feet possible on either side of the landfall point.

Georgia and South Carolina: Heavy rainfall from Idalia is forecast into next week leading to flooding concerns. Total rainfall between 1.5 to 3 inches will be possible across the region.

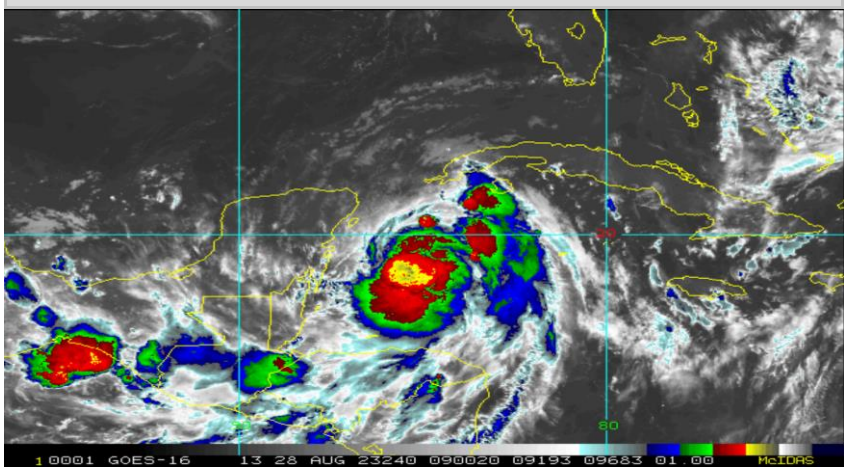
Forecast Discussion

Observational Perspective: Idalia is maintain deep convection over the center circulation although some dry air and shear continue to affect the system on the northern side. Banding remains wrapped around the south and now eastern sides of Idalia with strong outflow as well. Maximum sustained winds are 55 knots.

Intensity Forecast: Idalia is expected to become a hurricane today despite the presence of some dry air and shear as bubbling convection and warm waters should allow more intensification today into a hurricane. Once the trough to the northwest and ridge to the southeast take Idalia into the Gulf, a very favorable environment awaits. Warm waters of nearly 31C and strong outflow aloft may allow Idalia to rapidly intensify on Tuesday up to 100 knots if the environment sets up in this way. This would pose the threat for a strong hurricane to make landfall over Florida on Wednesday.

Track Forecast: Idalia has begun to move northward and should enter the Gulf in about 24 hours as a trough to the northwest and a ridge to the southeast combine to steer Idalia to the north-northeast to northeast at a fairly brisk pace. This would bring the storm to a possible landfall over the big bend of Florida late Wednesday morning. Track confidence is still a little low at this time until Idalia moves into the Gulf as land interaction with far western Cuba is not out of the question and could influence where the storm wobbles from the current track.

Infrared Satellite

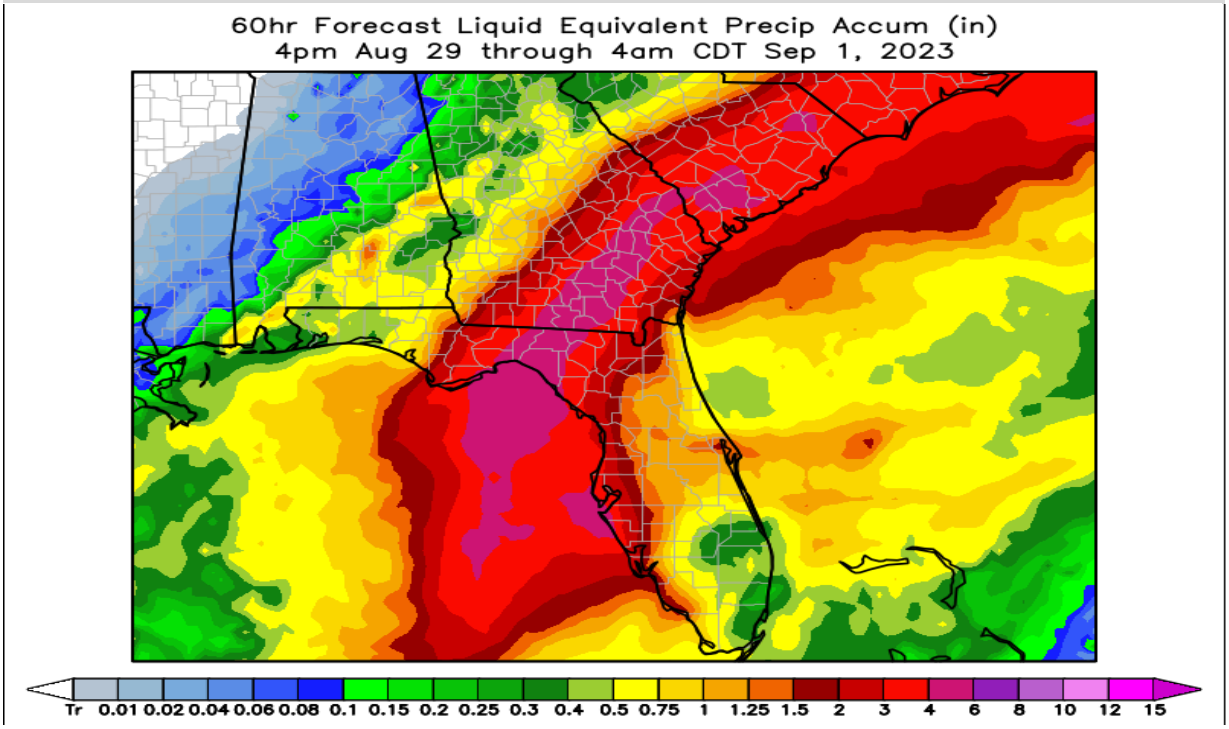


DTN

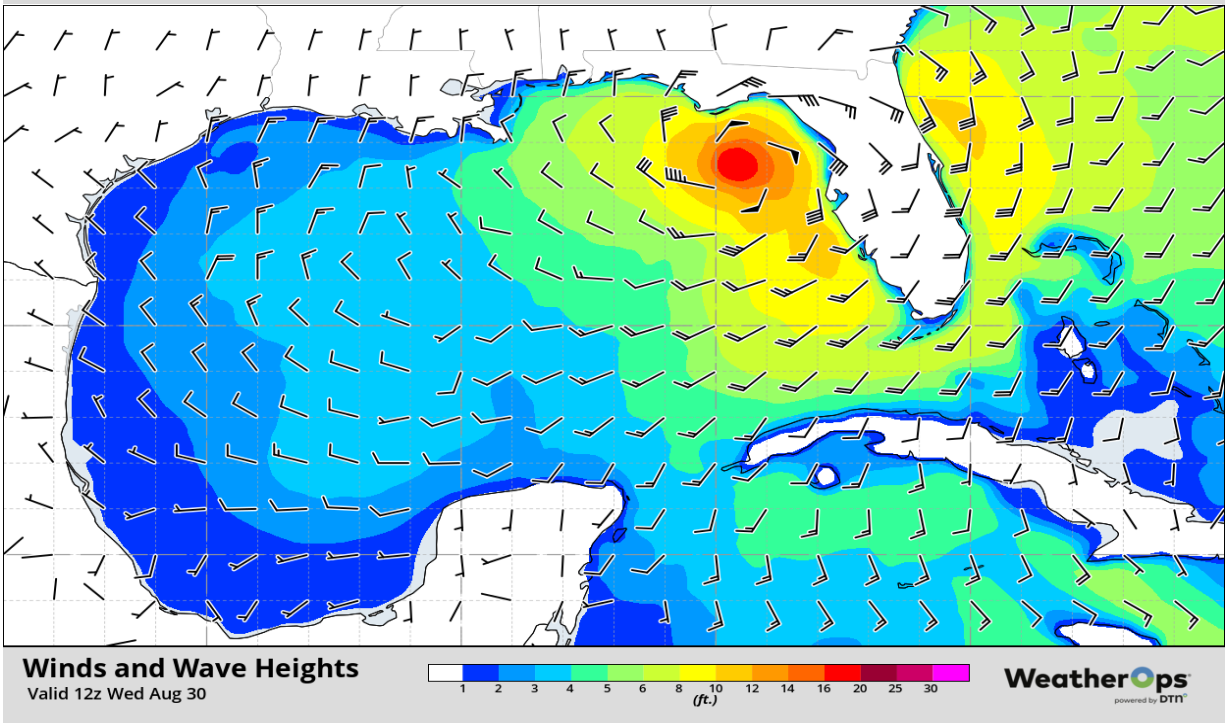
WeatherOps' next advisory will be issued at 1100 EDT

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

WeatherOps Precipitation Forecast, Aug 29 – Aug 31



WeatherOps Winds and Wave Heights - 12z Wednesday Aug 30



WeatherOps powered by DTN

Active Storm Advisory

Tropical Storm Idalia Advisory #14 — Effective: August 28, 2023 0500 EDT

Forecast 34 Knot (39 mph) Wind Radii								
Forecast Positions					Forecast Gale Radii (nm)			
Storm Center Time/Date (EDT)		UTC Time	Position		NE	SE	SW	NW
+0 hr	Mon, Aug 28 0500	0900	20.1N	85.2W	60	60	20	0
+12 hr	Mon, Aug 28 1400	1800	21.1N	85.1W	90	100	40	20
+24 hr	Tue, Aug 29 0200	0600	22.6N	85.1W	110	120	60	50
+36 hr	Tue, Aug 29 1400	1800	24.8N	84.8W	130	140	90	80
+48 hr	Wed, Aug 30 0200	0600	27.7N	84.0W	110	150	90	80
+60 hr	Wed, Aug 30 1400	1800	30.7N	82.1W	110	160	70	40
+72 hr	Thu, Aug 31 0200	0600	32.8N	79.0W	90	160	80	30
+96 hr	Fri, Sep 1 0200	0600	34.5N	72.0W	70	140	70	30
+120 hr	Sat, Sep 2 0200	0600	34.5N	67.0W	60	130	60	30
+144 hr	Sun, Sep 3 0200	0600	34.6N	63.1W	40	100	40	20
+168 hr	--	--	--	--	--	--	--	--