

# POST TROPICAL CYCLONE REPORT

<b>Storm Name</b>	Idalia
<b>NWS Office</b>	Tallahassee
<b>Begin/End Date</b>	08/29/2023-08/30/2023
<b>Fatalities</b>	1 - Direct N/A - Indirect
<b>Tornadoes</b>	0

## Event Summary

Hurricane Idalia made landfall on the morning of August 30th along the coast of Taylor County Florida near Keaton Beach at approximately 745 am EDT. The hurricane made landfall with estimated sustained winds of 125 mph, making it a Category 3 hurricane on the Saffir-Simpson Hurricane Wind Scale, the first major hurricane on record to make landfall in this portion of Florida. Hurricane Idalia moved inland across the eastern Florida Big Bend and into South Central Georgia during the morning hours. Strong winds caused extensive damage to trees, buildings, and infrastructure along a broad swath stretching west to Tallahassee and east beyond the Suwannee River. Significant and devastating storm surge accompanied the hurricane into the Taylor and Dixie County coasts, where water levels rose considerably, inundating numerous structures along the coast and flooding residences and businesses many miles inland. Significant damage to property and infrastructure was associated with the storm surge that will take a considerable time to rebuild. The peak surge values observed were from Dekle Beach in Taylor County southeastward to Horseshoe Beach in Dixie County. Surge heights in this area along the immediate coast were within the range of 7 to 12 feet above normally dry ground. Lower values of up to 6 feet above normally dry ground were noted south of Horseshoe Beach near the community of Suwannee.

*NOTE: It is unlikely that the point-based observations provided in this report sampled the peak values for the event.*

## Highest 10 Land Winds (kts)\*

Station	State	Type	Sustained	Gust
FSWN Horseshoe Beach	FL	WeatherSTEM	63	70
Perry-Foley Airport	FL	AWOS	54	74
Lafayette High School	FL	WeatherSTEM	53	75
Lowndes County Utilities Grassy Pond	GA	WeatherSTEM	51	56
FSWN Madison County EOC	FL	WeatherSTEM	48	56
FSWN Wakulla St. Mark's Lighthouse	FL	WeatherSTEM	45	50
Valdosta Regional Airport	GA	ASOS	43	69
SunBelt Ag Expo	GA	WeatherSTEM	41	43
Tower 1	FL	FCMP	40	70

Moody Air Force Base  
\* Anemometer heights < 20 m

GA

ASOS

40

53

### Highest 10 Marine Winds (kts)\*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
West Tampa	NDBC	55.2	71
Keaton Beach, FL	NDBC	48.2	72
Apalachee Bay - Panacea Channel L8	WeatherFlow	40.3	52
Apalachicola, FL	NOS	30	38
Pensacola	NDBC	29	43
Shell Point, FL	USF COMPS	28	48

\* Anemometer heights < 20 m

### Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
3E Teeterville	GA	Ambient	7.34
Moody Fire Weather	GA	RAWS	7.19
Lakeland 4.8 W	GA	CoCoRaHS	7.09
Valdosta	GA	ASOS	7.04
I-75 at Exit 16	GA	Ambient	7.04
Pinetta	GA	Ambient	6.67
Withlacoochee River Above Valdosta	GA	USGS	6.39
1 ENE Weber	GA	Ambient	6.18
Moultrie 9.9 ESE	GA	CoCoRaHS	6.09
	GA	Ambient	6.03

### Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Gulf of Mexico Tide Gauge at Apalachicola	FL	MHHW	2.84
Panama City Beach, FL	FL	MHHW	2.62
Panama City, FL	FL	MHHW	2.42

### Lowest 10 Pressures

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Tower 1	FL	FCMP	959.0
Valdosta Regional Airport	GA	ASOS	976.8
Moody Air Force Base	GA	ASOS	979.7
Dixie	GA	UGA Mesone	986.3
Sparks	GA	UGA Mesone	989.8
St. George Island	FL	WeatherFlow	990.7
Moultrie	GA	UGA Mesone	993.4
Tallahassee International Airport	FL	ASOS	993.9
Tifton	GA	UGA Mesone	994.2
Tifton-Bowen	GA	UGA Mesone	994.9

### ***Report Last Updated on 10/25/2023:***

The following files have been updated: Wind and Pressure, Rainfall, Water Level, Impact Narratives.