

# POST TROPICAL CYCLONE REPORT

<b>Storm Name</b>	Hurricane Idalia
<b>NWS Office</b>	Jacksonville, FL
<b>Begin/End Date</b>	08/29/2023 - 08/30/2023
<b>Fatalities</b>	0 - Direct 1 - Indirect
<b>Tornadoes</b>	3

## Event Summary

Hurricane Idalia made landfall Wednesday morning August 30th around 745 AM EDT along the Florida Big Bend near Keaton Beach as a category 3, with the inner core moving NE across the Suwannee River Valley. The inner wind core of Idalia gradually weakened through the morning while, heavily impacting Suwannee and Hamilton counties in NE Florida and Echols county SE Georgia as the circulation tracked NE. Widespread tree, power line and structure damage occurred across Suwannee and Hamilton counties, with estimated winds of 80-100 mph based on damage surveys with isolated pockets of peak wind gusts near major hurricane strength. Outer rainbands on the eastside of Idalia impacted all of SE Georgia and NE FL through the day, with early morning tornadoes across coastal SE Georgia and widespread tropical cyclone wind gusts through the day causing tree damage and power line damage at least somewhere across NE Florida and SE Georgia. Measured gusts during the peak of the hurricane across the local forecast area were 60-80 mph. Flooding rainfall impacted locations in the direct path of the weakening inner core across the Suwannee River Valley and southeast Georgia, especially from eastern Hamilton county toward Baxley and Jesup GA. The peak rainfall amounts were up to 5-8 inches. At least 3 tornadoes occurred in southeast GA as rainbands swept northwestward ahead of the hurricane.

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

## Highest 10 Land Winds (mph)\*

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Fswn Hamilton Crossroads	FL	WeatherSTEM	52	79
1.3 SE Jacksonville	FL	WeatherSTEM	45	62
4.5 W Suwannee Springs	FL	WeatherSTEM	40	60
Jacksonville International Airport	FL	ASOS	39	60
St. Simons Island Airport	GA	ASOS	38	67
Waycross-Ware County Airport	GA	AWOS	37	51
Fswn Suwannee County Airport	FL	WeatherSTEM	37	62
Bell	FL	WeatherSTEM	36	59

Craig Municipal Airport	FL	ASOS	35	59
Mayport Naval Station	FL	ASOS	35	60

\* Anemometer heights < 20 m

**Highest 10 Marine Winds (mph)\***

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Fswn Jacksonville Beach	WeatherSTEM	47	54
Fswn Citystaug	WeatherSTEM	46	47
Fswn Jfrd Station 40	WeatherSTEM	44	62
Huguenot Park	Weatherflow	40	55
St Augustine Beach, FL CMAN	NDBC	39	49

\* Anemometer heights < 20 m

**Highest 10 Rainfall Totals**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Baxley	GA	RAWS	8.19
Bacon County Airport	GA	ASOS	7.93
Baxley 0.7 NNE	GA	CoCoRaHS	7.32
Pearson 3.5 NE	GA	CoCoRaHS	6.96
Douglas 2.5 WSW	GA	CoCoRaHS	5.98
Baxley	GA	CWOP	5.01
Brunswick Golden Isles Airport	GA	AWOS	4.30
Brunswick	GA	CWOP	4.29
3.9 N Houston	FL	UCOOP	3.93
Alapaha Tower	FL	UCOOP	3.86

**Highest NOAA Tide Gage Observations**

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Fernandina Beach Tide	FL	MHHW	1.68
Kings Bay Pier Tide Gage	GA	MHHW	1.66
St. Johns River at JAX (Main St Bridge)	FL	MHHW	1.61
St. Johns River, Buckman Bridge	FL	MHHW	1.46
St. Johns River at Mayport	FL	MHHW	1.36
St. Johns River at Dames Point Bridge	FL	MHHW	1.23

**Lowest 10 Pressures**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Fswn Hamilton Crossroads	FL	WeatherSTEM	971.4
Fswn Hamilton County Eoc	FL	WeatherSTEM	978.1
FSWN Suwannee Heritage Park	FL	WeatherSTEM	981.7
Waycross-Ware County Airport	GA	AWOS	983.2
Bacon County Airport	GA	ASOS	985.4
Jesup-Wayne County Airport	GA	AWOS	992.0
St. Simons Island Airport	GA	ASOS	992.3
Jacksonville International Airport	FL	ASOS	996.1

***Report Last Updated on 09/06/2023***