

POST TROPICAL CYCLONE REPORT

Storm Name	Hurricane Idalia
NWS Office	Charleston, SC
Begin/End Date	08/29/2023 - 08/31/2023
Fatalities	0
Tornadoes	4

Event Summary

Tropical Storm Idalia moved from the northeastern Gulf region up through southeast Georgia and southeast South Carolina before exiting back into the Atlantic just south of Myrtle Beach. Tropical storm force winds were felt all along the southeast Georgia and southeast South Carolina coastline. Very heavy rain fell across inland areas west of the I-95 corridor leading to flooding in a number of locations. Idalia's passage coincident with high tide resulted in a damaging storm surge across portions of the South Carolina coast. A few tropical tornadoes produced EF0 and EF1 damage, particularly in the Charleston Tri-County area.

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)*

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Tybee South	GA	WxFlow	44	60
Folly South End	SC	WxFlow	41	54
Sapelo Island Reserve	GA	NERRS	38	
Charleston Tide	SC	NOS	37	48
Pinopolis	SC	NWS	36	42
Beaufort	SC	WxFlow	35	58
Savannah Airport	GA	ASOS	34	45
Charleston City	SC	NWS	34	42
Isle of Palms Pier	SC	WxFlow	33	44
Elba Island	GA	USGS	32	

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Savannah Entrance Light	WxFlow	49	60
Calibogue Sound	WxFlow	42	56
Grays Reef Buoy	NDBC	41	54
Edisto Buoy	NDBC	39	51
Fort Sumter	WxFlow	39	47
Shutes Folly	WxFlow	37	55
CHR60	CORMP	32	47
Capers Nearshore	CORMP	32	46
Fripp Nearshore	CORMP	23	49

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Smoaks 0.1 ESE	SC	CoCoRaHS	9.05
Reevesville 1.0 SSE	SC	CoCoRaHS	8.80
Lodge 3.4 SW	SC	CoCoRaHS	8.79
Varnville 6.7 SW	SC	CoCoRaHS	8.53
Metter 7.0 N	GA	CoCoRaHS	8.28
Brooklet 1 W	GA	NWS Coop	8.20
Sylvania 5.5 ENE	GA	CoCoRaHS	7.95
Statesboro 4.4 N	GA	CoCoRaHS	7.62
Newington 0.5 SSE	GA	CoCoRaHS	7.43
Hampton 0.8 SW	SC	CoCoRaHS	7.32

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Charleston Tide	SC	MHHW	3.47
Ft Pulaski Tide	GA	MHHW	1.95

Lowest 10 Pressures

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Savannah Entrance Light	NA	WxFlow	983.3
Charleston City	SC	NWS	984.6
Fripp Nearshore	NA	CORMP	984.7
Hinesville	GA	AWOS	985.4
Hunter Army Airfield	GA	AWOS	986.8
Calibogue Sound	NA	WxFlow	986.9
Beaufort	SC	WxFlow	987.4
Tybee South	GA	WxFlow	987.4
Savannah Airport	GA	ASOS	987.5
Tybee North	GA	WxFlow	987.6

Report Last Updated on 9/4/2023:

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