

POST TROPICAL CYCLONE REPORT

Storm Name	Idalia
NWS Office	Wilmington, NC (ILM)
Begin/End Date	08/30/2023 - 08/31/2023
Fatalities	0
Tornadoes	5

Event Summary

Tropical Storm Idalia moved northeast through northeast South Carolina and southeast North Carolina bringing flooding from heavy rain and storm surge, tropical storm force wind gusts and some tornadoes.

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>
Wilmington	NC	ASOS	28	45
Lumberton	NC	ASOS	28	40
Marion	SC	AWOS	26	41
Florence	SC	ASOS	26	37
North Myrtle Beach	SC	ASOS	25	42
Southport	NC	AWOS	23	33
Myrtle Beach	SC	AWOS	23	37
Bennettsville	SC	AWOS	21	29
Georgetown	SC	AWOS	20	29
Hartsville	SC	AWOS	20	28

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Federal Point	WxFlow	40	53
Wrightsville Beach 27 SE	CORMP	39	53
Frying Pan Shoals	NDBC	39	53
Wrightsville Beach Johnny Mercer Pier	NOS	37	48
Winyah Bay Range A Rear Light	WxFlow	36	48
Wrightsville Beach 5 SE	CORMP	35	49
Myrtle Beach Springmaid Pier	NOS	33	39
Sunset Beach Nearshore	NDBC	31	45
Oak Island	WxFlow	30	39
Murrells Inlet	WxFlow	29	37

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Mullins 0.8 SE	SC	COOP	11.57
Mullins 4.9 ESE	SC	COCORAHS	10.70
Finklea	SC	AWS	9.80
Whiteville	NC	CWOP	9.46
Kingstree 7.9 NW	SC	COCORAHS	8.76
Kingstree 9.5 NW	SC	COCORAHS	8.72
Loris 1.4 ENE	SC	COCORAHS	8.65
Loris 1.4 ENE	SC	COCORAHS	8.64
Calabash 1.9 WNW	NC	COCORAHS	8.59
Whiteville	NC	RAWS	8.58

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Myrtle Beach	SC	MHHW	3.53
Wrightsville Beach	NC	MHHW	2.60
Wilmington	NC	MHHW	2.05

Lowest 10 Pressures

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Sunset Beach Nearshore		NDBC	988.9
Wrightsville Beach 5 SE		CORMP	990.6
Federal Point		WxFlow	991.0
Murrells Inlet		WxFlow	991.0
Winyah Bay Range A Rear Light		WxFlow	991.0
Frying Pan Shoals		NDBC	991.2
Wrightsville Beach 27 SE		CORMP	991.4
Myrtle Beach Springmaid Pier		NOS	991.8
Wilmington		NOS	991.9
Wrightsville Beach Johnny Mercer Pier		NOS	991.9

Report Last Updated on 9/15/2023:

This is the final issuance. The following files have been updated: Summary, Rainfall and Water Level.