

# POST TROPICAL CYCLONE REPORT

<b>Storm Name</b>	Idalia
<b>NWS Office</b>	Wakefield, VA
<b>Begin/End Date</b>	08/30/2023 - 08/31/2023
<b>Fatalities</b>	0
<b>Tornadoes</b>	0

## Event Summary

Tropical Storm Idalia moved off of the northeast South Carolina coast early on 8/31/2023, then continued to track east-northeast through the day. Sustained Tropical Storm winds were observed along the immediate Currituck County coastline, with tropical storm wind gusts reported into Hampton Roads. A peak wind gust of 52 kt was reported from the Third Island Station in the Lower Chesapeake Bay. In addition, water levels at 2-2.5 MHHW caused some minor beach and dune erosion from Cape Henry south, with some minor coastal flooding in southside Hampton Roads.

*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>
3.0 E Knotts Island	NC	Mesowest	34	41

\* Anemometer heights < 20 m

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

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Chesapeake Light Tower	WXFLOW	40	46
Third Island	WXFLOW	36	52
6 NW Cape Henry	NDBC	31	41

\* Anemometer heights < 20 m

**Highest 10 Rainfall Totals**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Edenton 4.3 SE	NC	COCORAHS	4.04
2.2 SE Saunders	VA	RAWS	3.58
Edenton	NC	CWOP	3.15
Virginia Beach	VA	CWOP	2.99
Edenton	NC	AWOS	2.44
Point Harbor 0.2 WSW	NC	COCORAHS	2.35
Hertford	NC	CWOP	2.30
Hertford 6.0 SSE	NC	COCORAHS	2.17
Hertford 5.2 SSE	NC	COCORAHS	2.14
Elizabeth City 7.7 SSW	NC	COCORAHS	2.01

**Highest NOAA Tide Gage Observations**

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Chesapeake Bay Bridge Tunnel	VA	MHHW	2.50
Sewells Point	VA	MHHW	2.45
Money Point	VA	MHHW	2.44
Yorktown	VA	MHHW	2.15
Wachapreague	VA	MHHW	2.14
Kiptopeke	VA	MHHW	2.11

### Lowest 10 Pressures

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Elizabeth City Airport	NC	ASOS	1003.4

### ***Report Last Updated on 09/01/2023:***

The following files have been updated: Wind and Pressure, Tornadoes, Impact Narratives