

POST TROPICAL CYCLONE REPORT

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|-----------------------|-------------------------|
| 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.