

POST TROPICAL CYCLONE REPORT

Storm Name	Hurricane Debby
NWS Office	Jacksonville, FL
Begin/End Date	08/04/2024 - 08/07/2024
Fatalities	0 - Direct 0 - Indirect
Tornadoes	1

Event Summary

Hurricane Debby made landfall in the Big Bend region of northern Florida as a category 1 hurricane on Monday morning of August 5th. Debby brought significant rainfall to northeast Florida and southeast Georgia while slowly tracking across the region with the center of Debby lifting northeast of the forecast area Tuesday morning August 6th as a tropical storm. The slow forward movement allowed tremendous rainfall accumulation, particularly across the Suwannee River and Santa Fe River valleys where the storm stalled for several hours. The runoff from the tremendous rainfall led to Major flooding in area rivers across the region.

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>
Jekyll Island	GA	WxFlow	40	49
Jax Beach Pier	FL	WxFlow	37	46
Jacksonville	FL	WxFlow	34	44
Brunswick-mckinnon Ap	GA	ASOS	32	45
Jacksonville Craig Muni Ap	FL	ASOS	29	45
Fernandina Beach Muni Ap	FL	AWOS	29	40
Gainesville Rgnl Ap	FL	ASOS	29	46
Jacksonville NAS	FL	ASOS	29	50
Lewis	FL	WxFlow	29	50
Mayport Pilot Stn	FL	ASOS	28	52

* Anemometer heights < 20 m

Highest 10 Marine Winds (mph)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
St. Augustine FL	C-MAN	35	39
I-295 Buckman Bridge St Johns River FL	NOS	28	39
Fernandina Beach FL	NOS	22	33
Mayport (Bar Pilots Dock) FL	NOS	22	35

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
BCEM LAKE CITY - FL GATEWAY COL	FL	WXSTEM	13.40
LAKE CITY 7.9 SSW	FL	COCORAHS	12.55
WHITE SPRINGS 0.3 NW	FL	COCORAHS	11.63
LIVE OAK	FL	NWSLI	11.18
LAKE CITY 2 E	FL	NWSLI	10.96
FORT WHITE 2.4 E	FL	COCORAHS	10.50
TRENTON 7.0 E	FL	CoCoRaHS	9.25
TRENTON 4.0 NW	FL	CoCoRaHS	8.40
GLEN ST MARY 1 W	FL	NWSLI	7.80
OCALA 12.5 W	FL	CoCoRaHS	7.76

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
#N/A			

Lowest 10 Pressures

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Jekyll Island	GA	WxFlow	999.1
Jacksonville	FL	WxFlow	999.7
Jax Beach Pier	FL	WxFlow	999.9
Jacksonville Intl Ap	FL	ASOS	1000.4
Fernandina Beach FL		NOS	1000.7
I-295 Buckman Bridge St Johns River FL		NOS	1001.0
Alma Bacon Co Ap	GA	ASOS	1001.1
Jacksonville NAS	FL	ASOS	1001.3
Jacksonville Craig Muni Ap	FL	ASOS	1002.1
Mayport Pilot Stn	FL	ASOS	1002.4

Report Last Updated on [08/09/2024]:

The following files have been updated: rainfall, tornadoes, and wind files.