US Army Corps of Engineers
BUILDING STRONG

Hurricane Idalia Advisory #12

For Planning Purposes Only!

WASHINGTON, DC	CHICAGO	LOS ANGELES
11:54:58	10:54:58	08:54:58
29 Aug 2023	29 Aug 2023	29 Aug 2023

https://simsuite.usace.army.mil/wab/v2.15/MissionModels/#advid=312&oid=93&name=Hurricane%20Idalia&advisory=Advisory%2012&advlf=G

Updated as of 29 Aug 2023 (10:54 AM Central Daylight Time)

Debris

408K
cu. yd.

Est. Temp. Roofing

4.6K
units

Act. Temp. Roofing

1.5K
units

Population

262.5K
people

Households

90.8K
households

Mission Model Summary

Debris By USACE District

Est. Temp. Roofing By USACE District

Population By USACE District

Households By USACE District

Critical Infrastructure Summary

Total

208
critical facilities

Power Requirements

5.1
MW

Generators

By Generator Count

Generators

By Power Requirement

Generators

By Range

Structures

By County

Structures

By USACE District

Structures

By Intensity

Letter ANSI A Portrait

Counties
Mission Model Swaths
TS
Cat 1
Cat 2
Cat 3

1:4,991,478

0 35 70 140 mi

0 55 110 220 km

FDEP, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Created by SimSuite

Debris

1:5,135,926

0 37.5 75 150 mi

0 60 120 240 km

Debris

< 100,000 cubic yards

100,000 - 249,000 cubic yards

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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Est. Temp. Roofing

1:5,135,926

0 37.5 75 150 mi

0 60 120 240 km

Est. Temp. Roofing

< 1000 units

1000 - 4999 units

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Created by SimSuite

Mission Summary

The mission models account for storm surge and wind damage only, but do not account for other related storm hazards that may affect the mission estimates.

Mission Summary	
Total Counties	11
Debris (cu. yd.)	407,964
Est. Temp. Roofing (units)	4,604
Act. Temp. Roofing (units)	1,519
Population	262,544
Households	90,794

Population Distribution	
Tropical Storm	328,326
Category 1	33,031
Category 2	35,353
Category 3	20,159

FLORIDA	Yds of Debris (396,271)	Est. Roof Units (4,289)	Act. Roof Units (1,415)	Population (201,921)	Households (69,312)
Columbia	2,619	72	24	72,297	24,941
Dixie	87,340	727	240	17,730	6,316
Hamilton	27,038	474	156	15,527	4,617
Lafayette	53,523	435	143	8,599	2,580
Madison	351	10	3	19,974	6,985
Suwannee	180,420	2,182	720	45,676	15,953
Taylor	44,979	390	129	22,118	7,920

GEORGIA	Yds of Debris (11,693)	Est. Roof Units (315)	Act. Roof Units (104)	Population (60,623)	Households (21,482)
Charlton	8	0	0	12,828	3,927
Clinch	2,513	69	23	6,653	2,572
Echols	2,186	55	18	4,353	1,329
Ware	6,985	191	63	36,789	13,654

Critical Infrastructure

Summary	
Total Critical Facilities	208
Power Requirements (kW)	5,144.6

Range (kW)	

Communications	# FED Gen Req	Range (kW)	Req kW
Cellular Towers (56)	33.6	35 - 75	1,848.0
FM Antennas (11)	0.6	35 - 75	30.3

Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (7)	0.0	200 - 300	0.0
Public Schools (39)	11.7	200 - 300	2,925.0
Colleges and Universities (1)	0.0	200 - 300	5.0

Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (16)	1.6	15 - 35	40.0
Fire Stations (21)	2.1	15 - 35	52.5

Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (10)	1.5	35 - 100	101.3
Urgent Care Facilities (0)	0.0	200 - 300	0.0

Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Local Police (8)	0.8	15 - 35	20.0
Correctional Facilities (0)	0.0	400 - 600	0.0

State and Local EOCs	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (7)	1.4	15 - 40	38.5

State Facilities	# FED Gen Req	Range (kW)	Req kW
Governors Mansions (0)	0.0	100 - 200	0.0
Major State Government Buildings (0)	0.0	100 - 200	0.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Amtrack Stations (0)	0.0	100 - 300	0.0
Bus Stations (0)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (0)	0.0	100 - 300	0.0
Railroad Stations (0)	0.0	100 - 300	0.0

Water and Wastewater	# FED Gen Req	Range (kW)	Req kW
Wastewater Treatment Plants (32)	1.6	35 - 70	84.0

Social Vulnerability Index

Possible scores range from **0** (lowest vulnerability) to **1** (highest vulnerability).

#	Location	Cat	Overall SVI Score
1	Lafayette County, Florida	3	0.981
2	Suwannee County, Florida	3	0.942
3	Dixie County, Florida	3	0.899
4	Taylor County, Florida	3	0.898
5	Hamilton County, Florida	2	0.991
6	Echols County, Georgia	2	0.661
7	Clinch County, Georgia	1	0.978
8	Madison County, Florida	1	0.961
9	Charlton County, Georgia	1	0.875
10	Columbia County, Florida	1	0.86
11	Ware County, Georgia	1	0.845

Poverty Level

#	County	Cat	Pop. below Federal poverty line	% Population
1	Suwannee County	3	6,318	15
2	Taylor County	3	3,310	18
3	Dixie County	3	2,375	16
4	Lafayette County	3	1,042	15
5	Hamilton County	2	2,850	26
6	Echols County	2	939	25
7	Columbia County	1	9,214	14
8	Ware County	1	7,999	24
9	Madison County	1	4,046	25
10	Charlton County	1	2,421	21
11	Clinch County	1	2,010	30

Report Generated by SimSuite
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