US Army Corps of Engineers
BUILDING STRONG

Hurricane Idalia Advisory 5

For Planning Purposes Only!

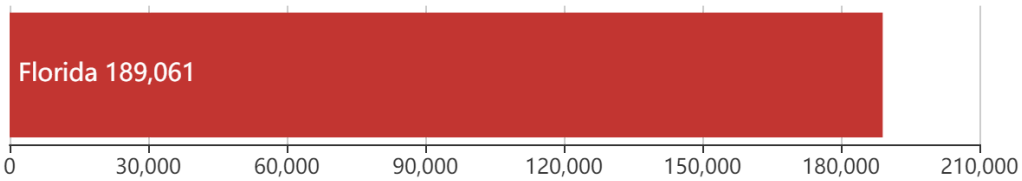
WASHINGTON, DC	CHICAGO	LOS ANGELES
18:30:00	17:30:00	15:30:00
27 Aug 2023	27 Aug 2023	27 Aug 2023

https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html#advid=307&oid=93&name=Hurricane%20Idalia&advisory=Advisory%205&advlf=G

Updated as of 27 Aug 2023 (5:30 PM Central Daylight Time)

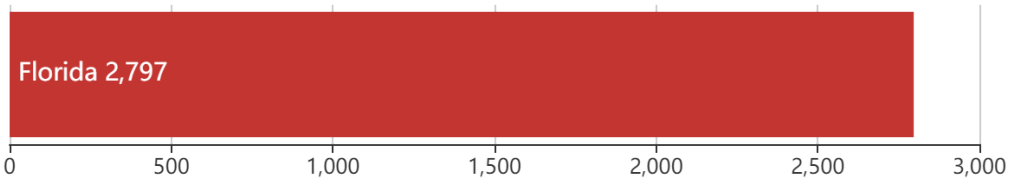
Debris

189.1K
cu. yd.



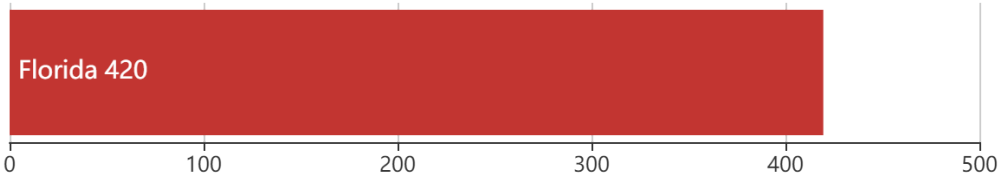
Est. Temp. Roofing

2.8K
units



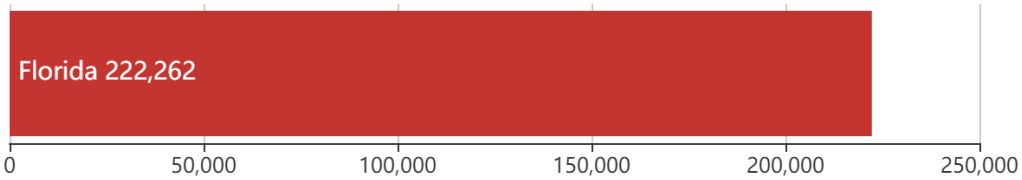
Act. Temp. Roofing

420
units



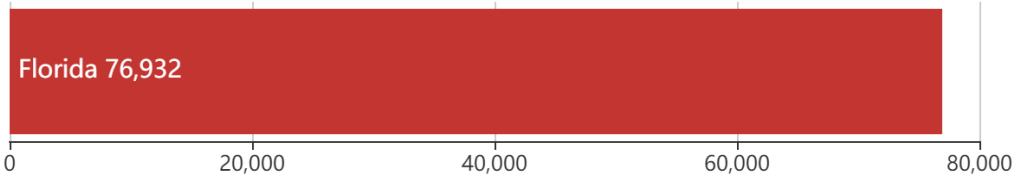
Population

222.3K
people



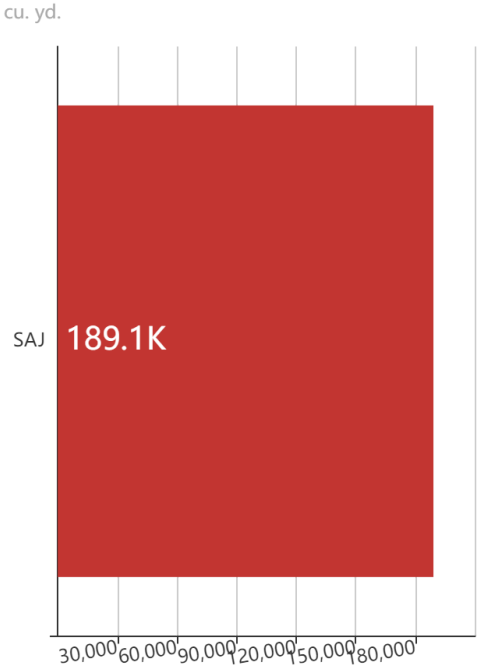
Households

76.9K
households

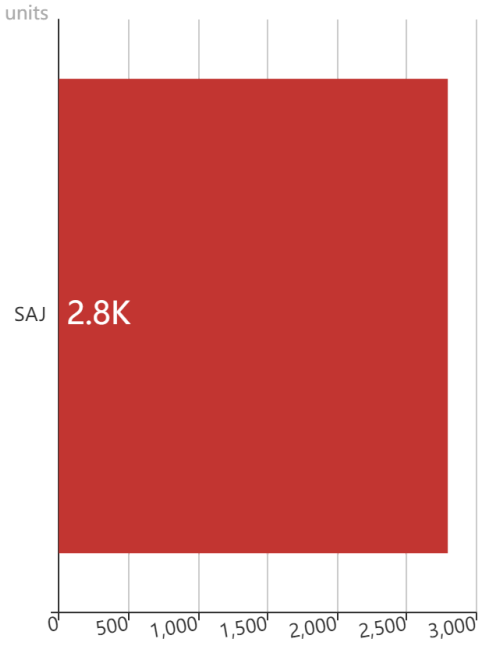


Mission Model Summary

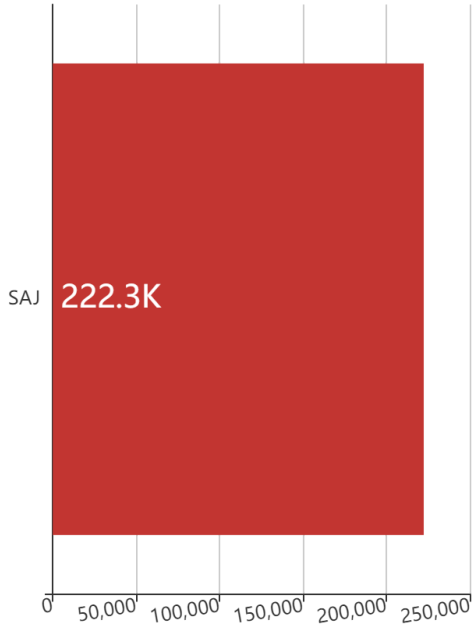
Debris By USACE District



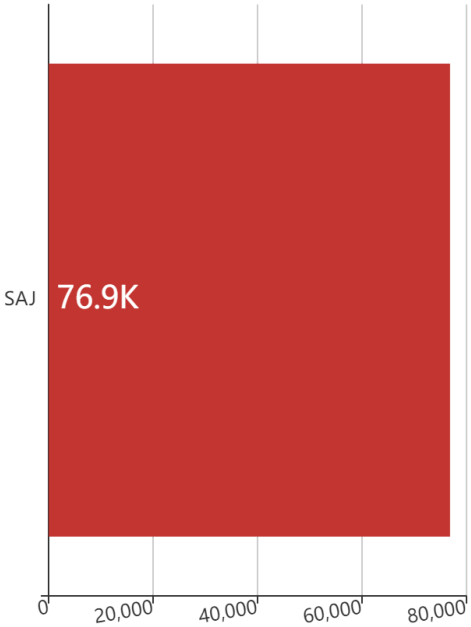
Est. Temp. Roofing By USACE District



Population By USACE District

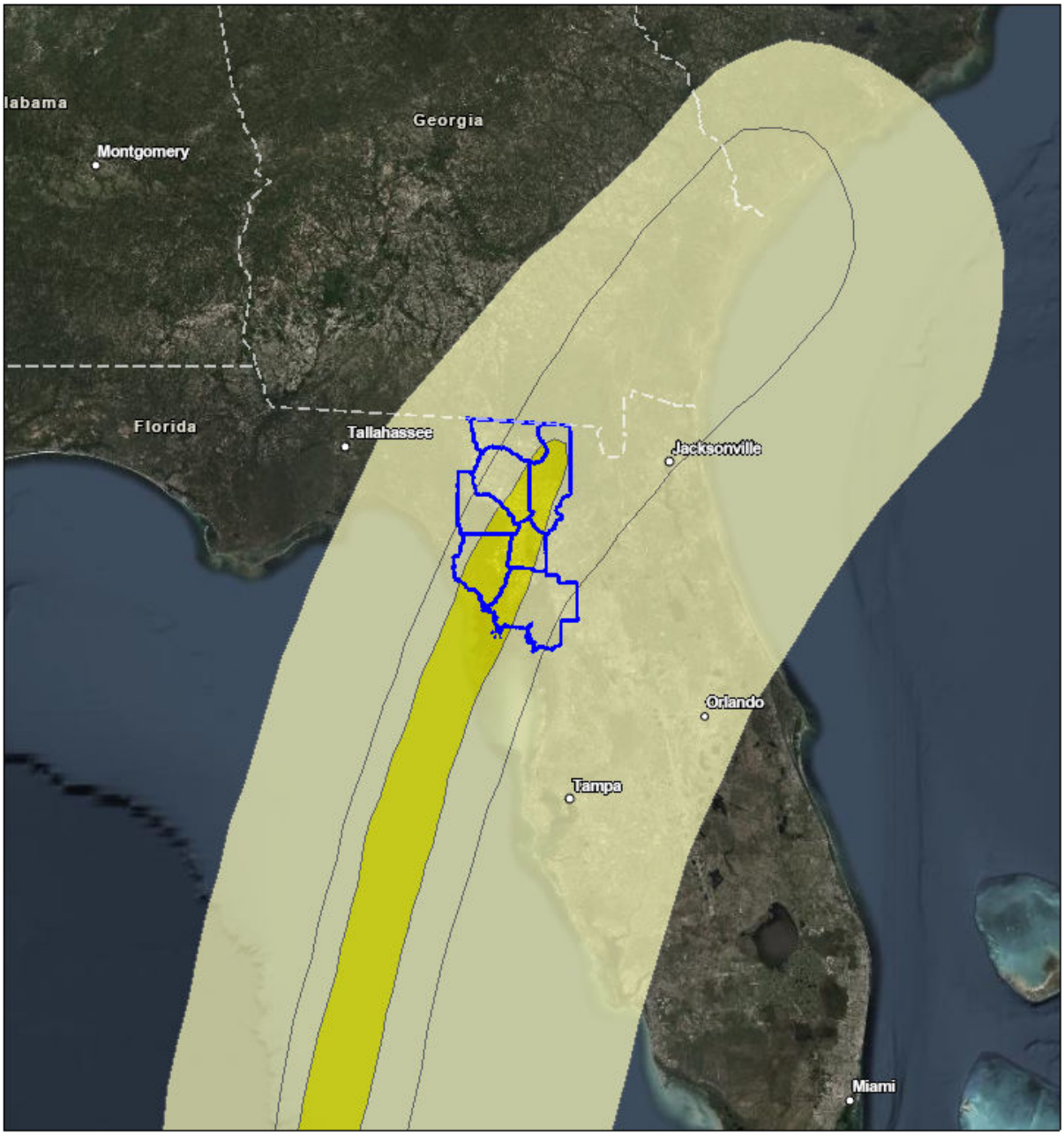


Households By USACE District



Critical Infrastructure Summary

Letter ANSI A Portrait



Counties

Mission Model Swaths

TS

Cat 1

1:4,991,478

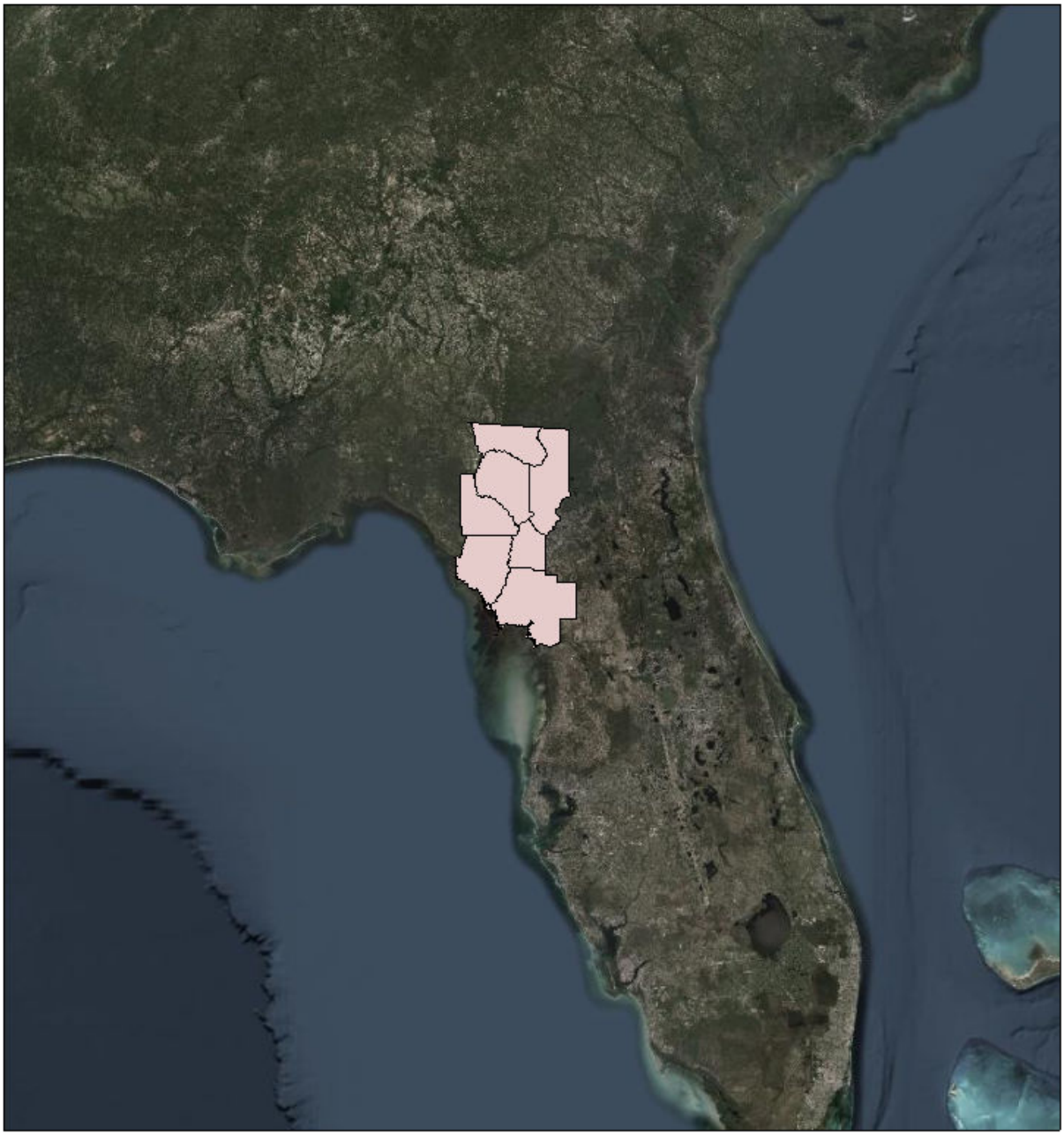
0 35 70 140 mi

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

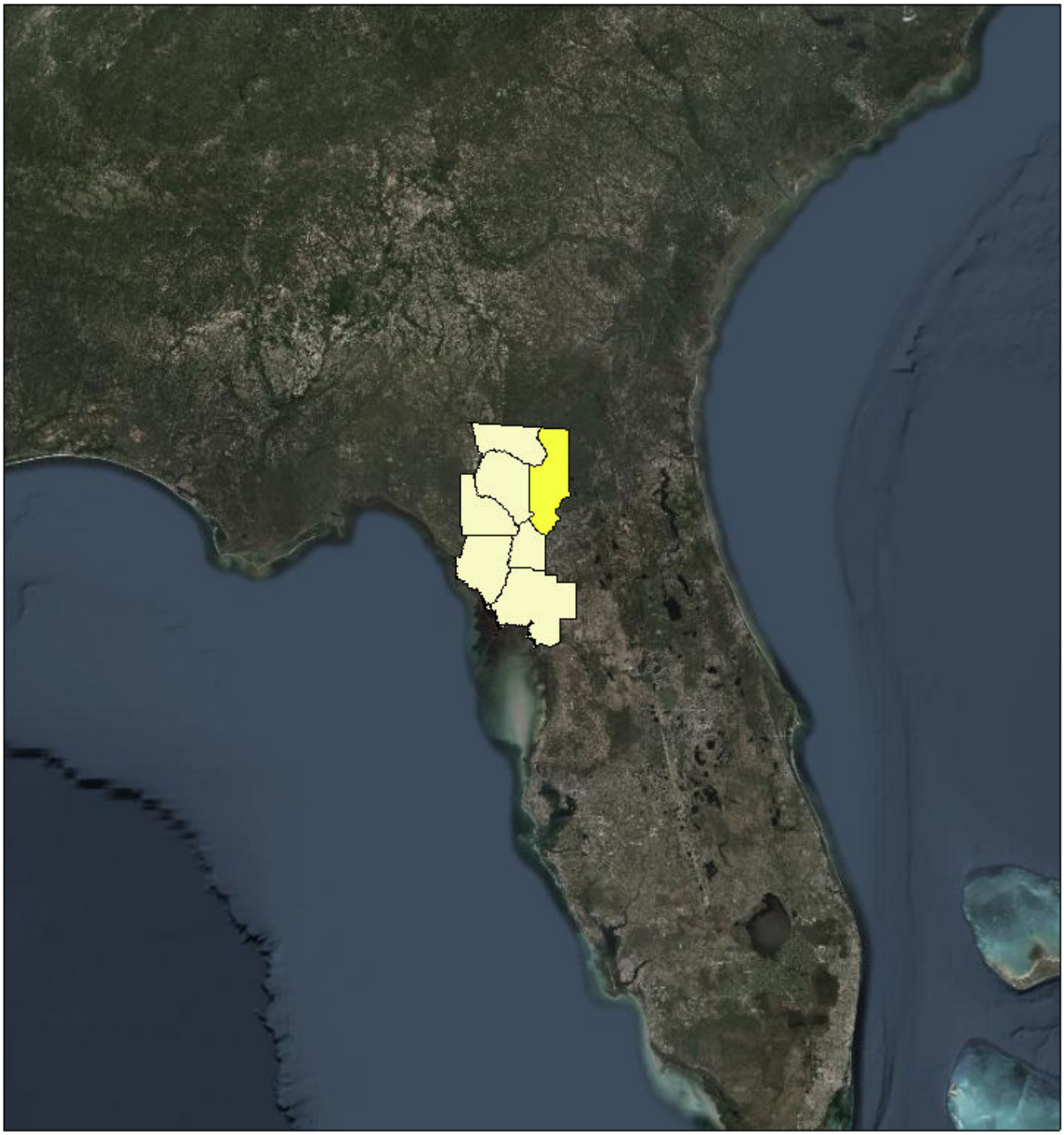
Debris

< 100,000 cubic yards

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

Created by SimSuite

Est. Temp. Roofing



1:5,135,926

0 37.5 75 150 mi

0 60 120 240 km

Est. Temp. Roofing

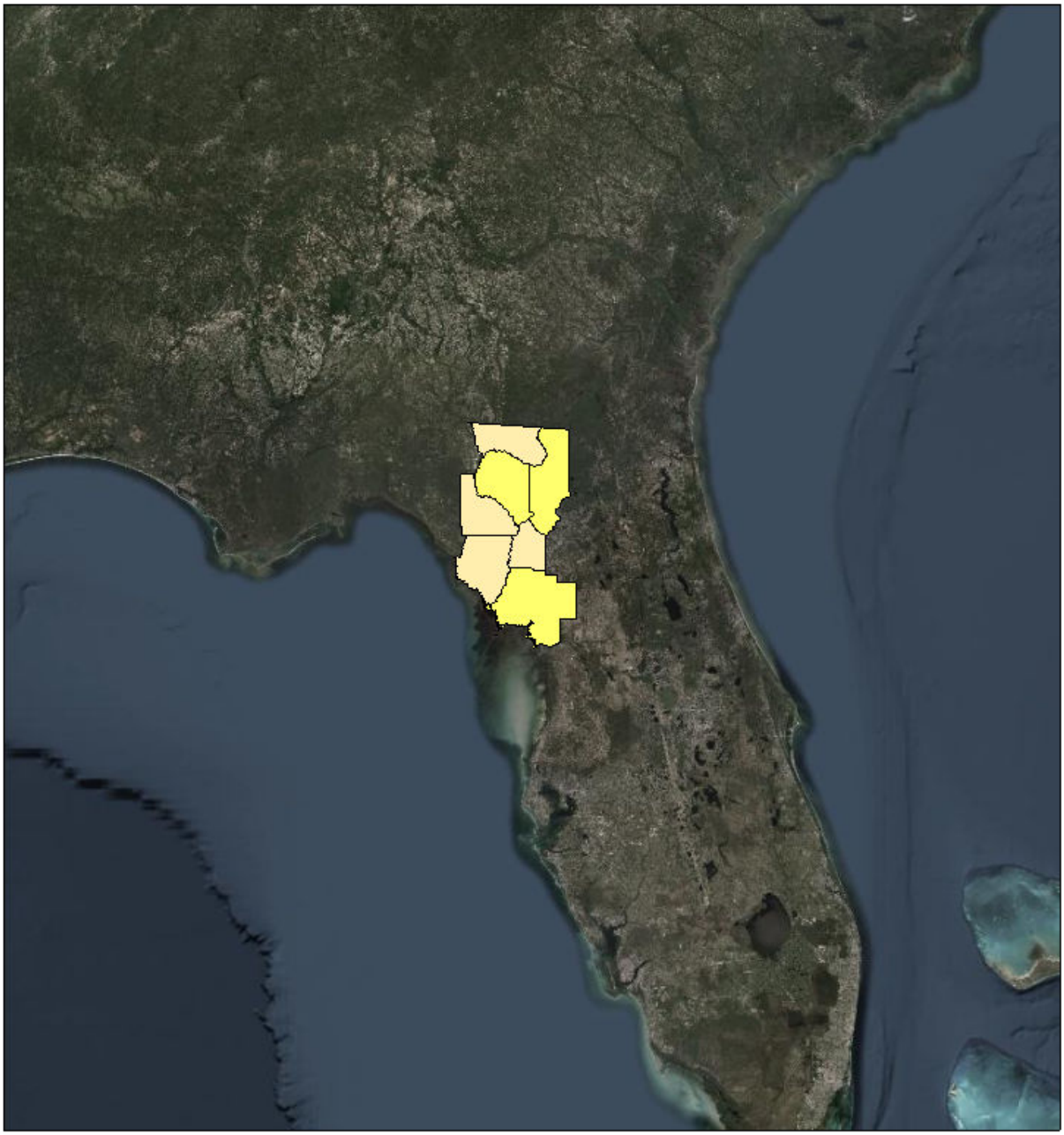
< 1000 units

1000 - 4999 units

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

Created by SimSuite

Population



1:5,135,926

0 37.5 75 150 mi

0 60 120 240 km

Population

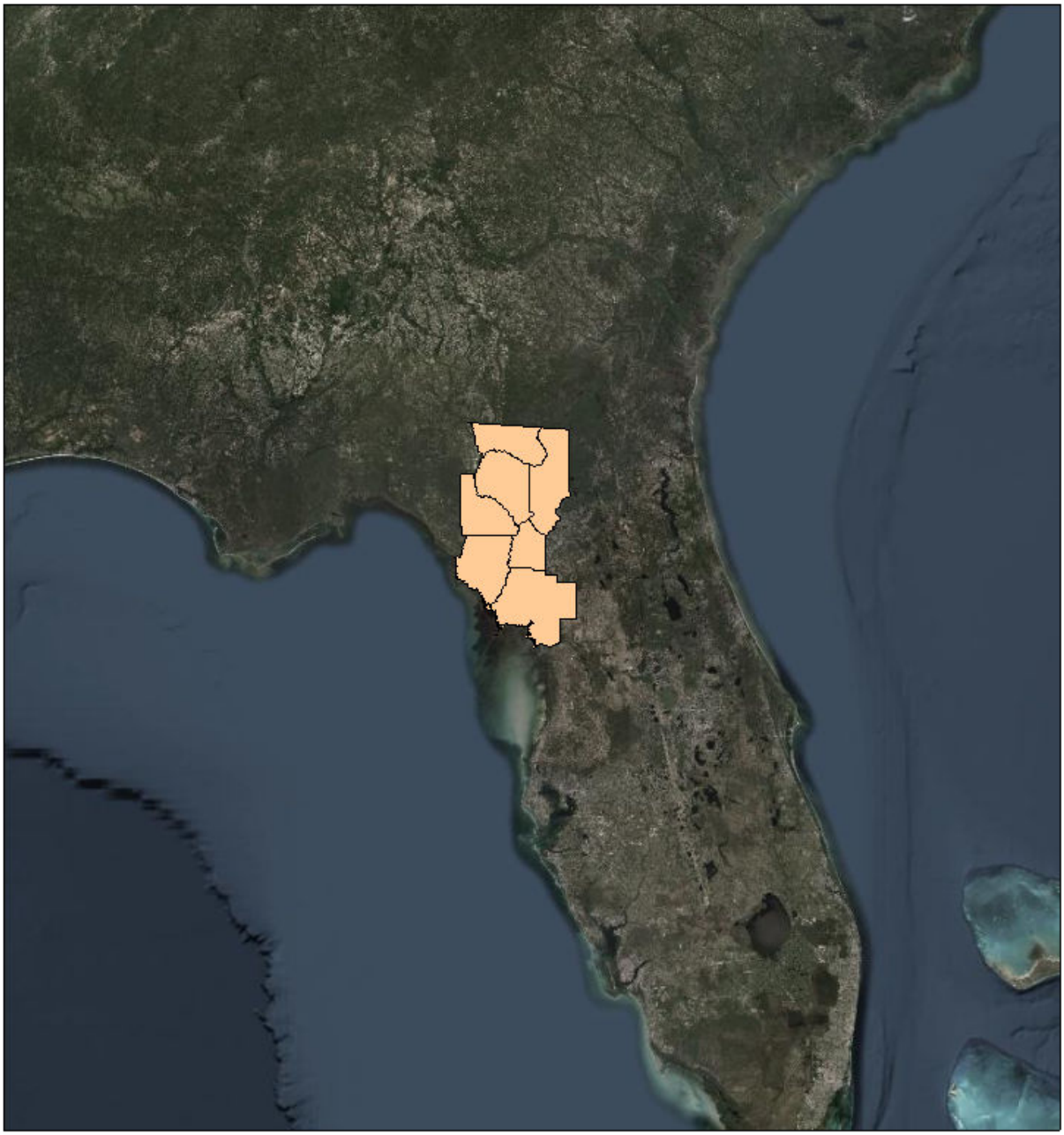
< 25,000 persons

25,000 - 99,000 persons

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

Created by SimSuite

Households



1:5,135,926

0 37.5 75 150 mi

0 60 120 240 km

Households

< 7,500 Households

15,000 - 24,999 Households

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	7
Debris (cu. yd.)	189,061
Est. Temp. Roofing (units)	2,797
Act. Temp. Roofing (units)	420
Population	222,262
Households	76,932

Population Distribution	
Tropical Storm	114,583
Category 1	107,679

FLORIDA	Yds of Debris (189,061)	Est. Roof Units (2,797)	Act. Roof Units (420)	Population (222,262)	Households (76,932)
Columbia	82,329	1,218	183	72,297	24,941
Dixie	25,881	383	57	17,730	6,316
Gilchrist	25,177	372	56	19,002	6,121
Hamilton	1,849	27	4	15,527	4,617
Lafayette	3,440	51	8	8,599	2,580
Levy	25,377	375	56	43,431	16,404
Suwannee	25,008	370	55	45,676	15,953

Critical Infrastructure (old)

Summary	
Total Critical Facilities	0
Power Requirements (kW)	0.0

Range (kW)	

Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (0)	0.0	35 - 75	0.0
Cellular Towers (0)	0.0	35 - 75	0.0
FM Antennas (0)	0.0	35 - 75	0.0

Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (0)	0.0	200 - 300	0.0
Public Schools (0)	0.0	200 - 300	0.0
Colleges and Universities (0)	0.0	200 - 300	0.0

Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (0)	0.0	15 - 35	0.0
Fire Stations (0)	0.0	15 - 35	0.0
Service Providers (0)	0.0	0 - 0	0.0

Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (0)	0.0	35 - 100	0.0
Hospitals (0)	0.0	800 - 2000	0.0
Urgent Care Facilities (0)	0.0	200 - 300	0.0

Military	# FED Gen Req	Range (kW)	Req kW
Air National Guard (ANG) Sites (0)	0.0	15 - 35	0.0
Army National Guard (ARNG) Sites (0)	0.0	15 - 35	0.0
National Security Government Military Facilities (0)	0.0	15 - 35	0.0

Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (0)	0.0	400 - 600	0.0
Local Police (0)	0.0	15 - 35	0.0
State Police (0)	0.0	15 - 35	0.0
Correctional Facilities (0)	0.0	400 - 600	0.0

State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (0)	0.0	15 - 40	0.0
State Emergency Operation Centers (EOCs) (0)	0.0	15 - 35	0.0

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

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (0)	0.0	600 - 1200	0.0
Amtrak 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
Public-Use Airports (0)	0.0	40 - 100	0.0

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (0)	0.0	800 - 2000	0.0

Report Generated by SimSuite
https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html#advid=307&oid=93&name=Hurricane%20Idalia&advisory=Advisory%205&advlf=G