



US Army Corps
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Hurricane Idalia Advisory #13

For Planning Purposes Only!

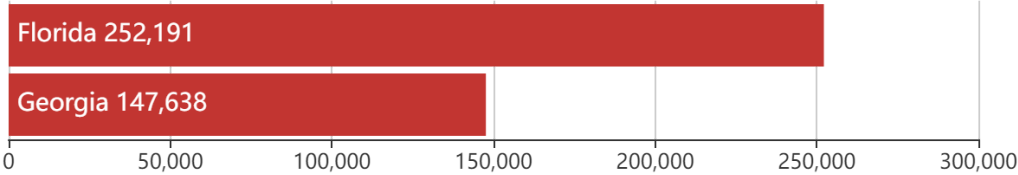
WASHINGTON, DC	CHICAGO	LOS ANGELES
17:36:45	16:36:45	14:36:45
29 Aug 2023	29 Aug 2023	29 Aug 2023

<https://simsuite.usace.army.mil/wab/v2.15/MissionModels/#advid=314&oid=93&name=Hurricane%20Idalia&advisory=Advisory%2013&advf=G>

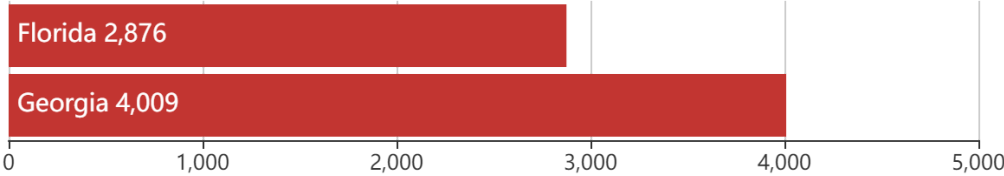
Updated as of 29 Aug 2023 (4:36 PM Central Daylight Time)

Debris

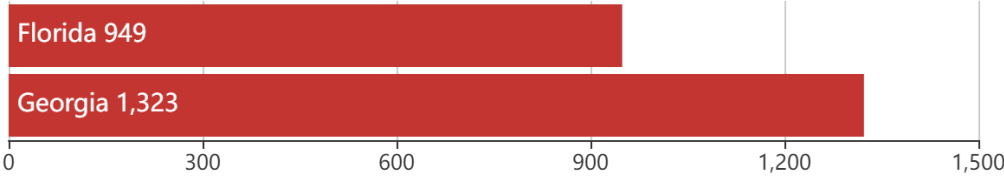
399.8K
cu. yd.



Est. Temp.
Roofing
6.9K
units

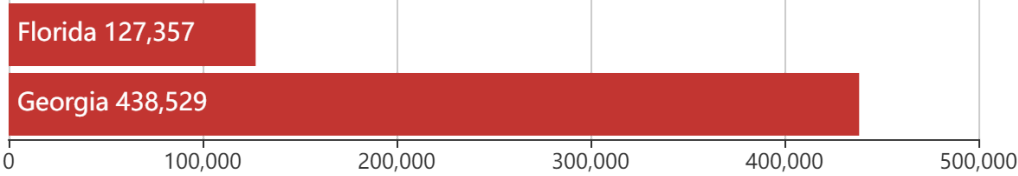


Act. Temp.
Roofing
2.3K
units



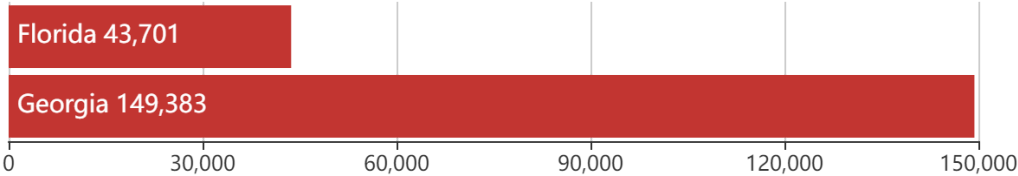
Population

565.9K
people



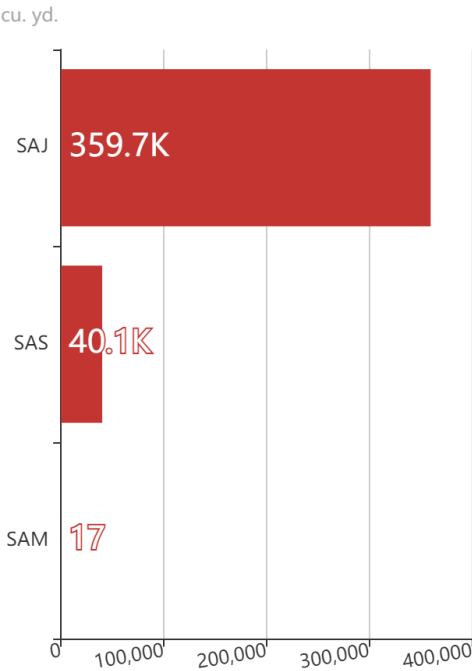
Households

193.1K
households

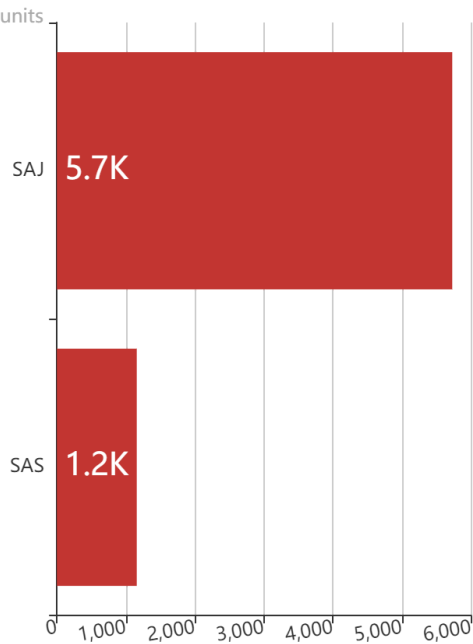


Mission Model Summary

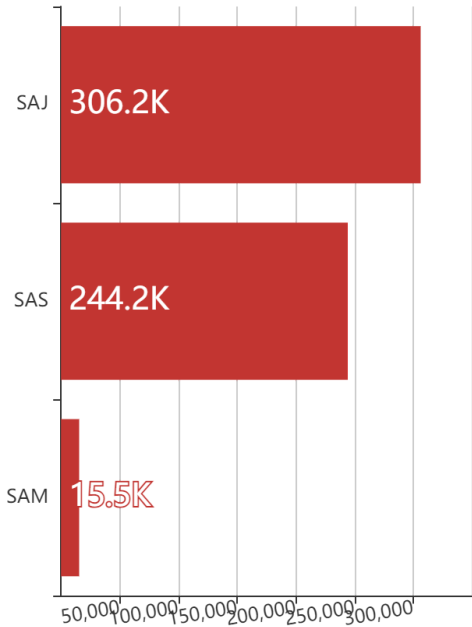
Debris By USACE District



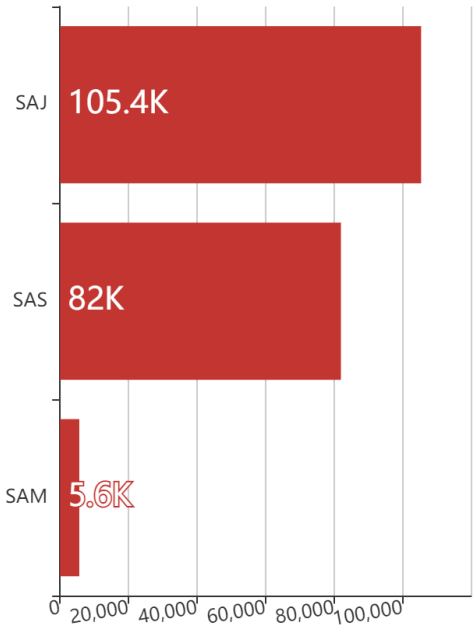
Est. Temp. Roofing By USACE District



Population By USACE District



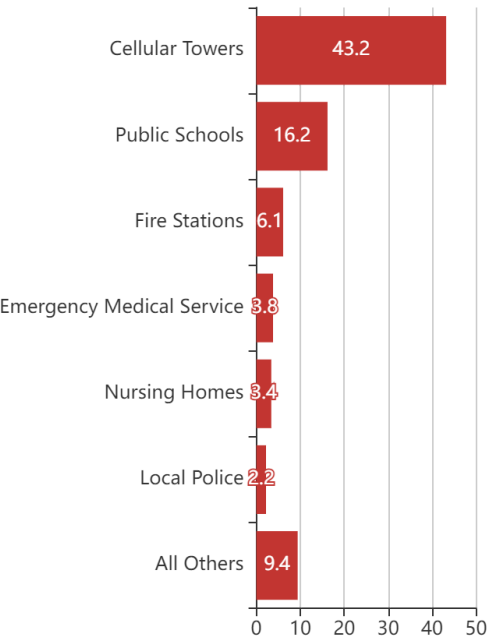
Households By USACE District



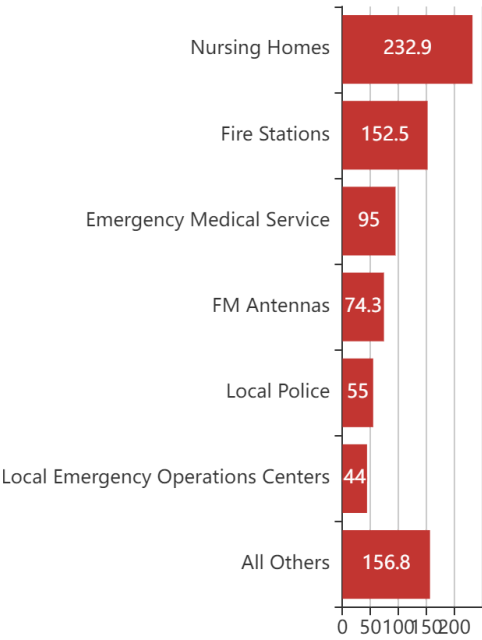
Critical Infrastructure Summary



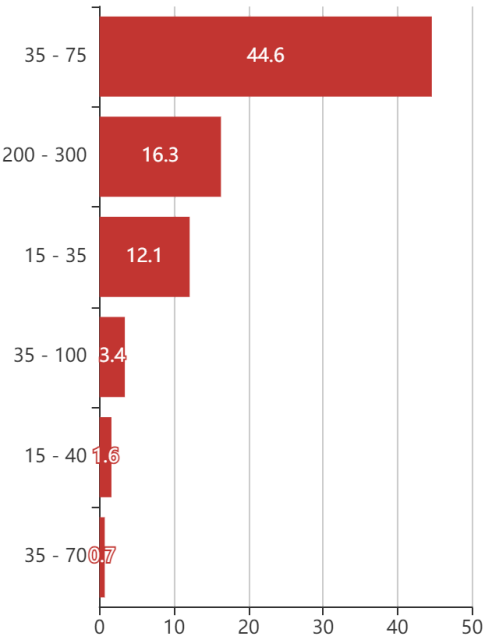
Generators
By Generator Count



Generators
By Power Requirement

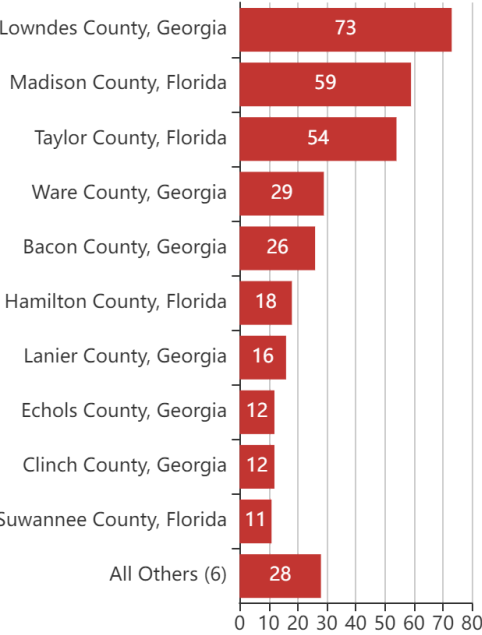


Generators
By Range



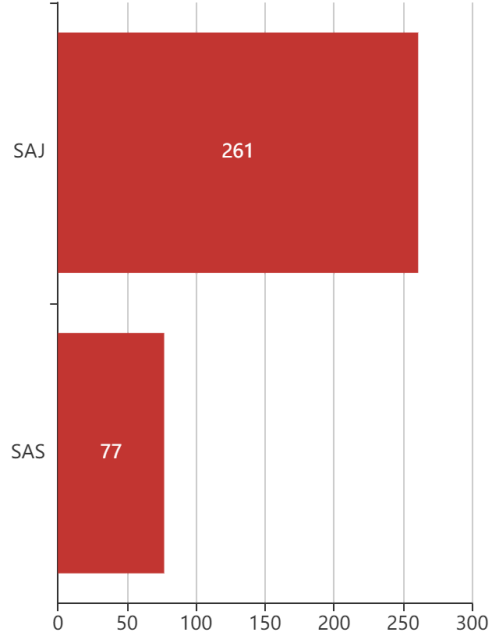
Structures

By County



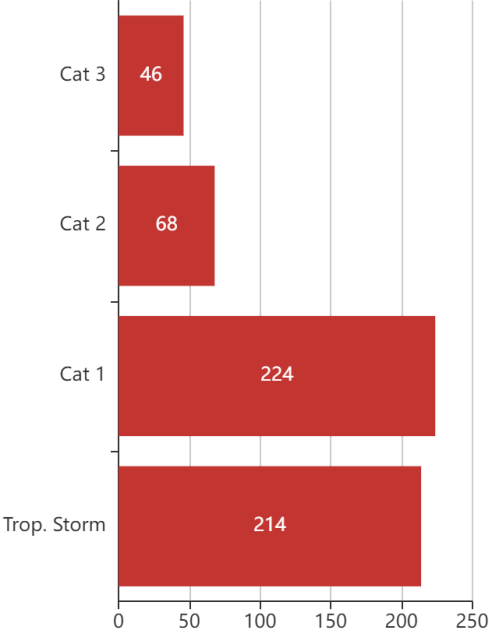
Structures

By USACE District

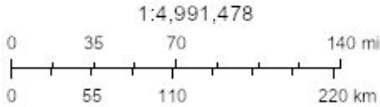
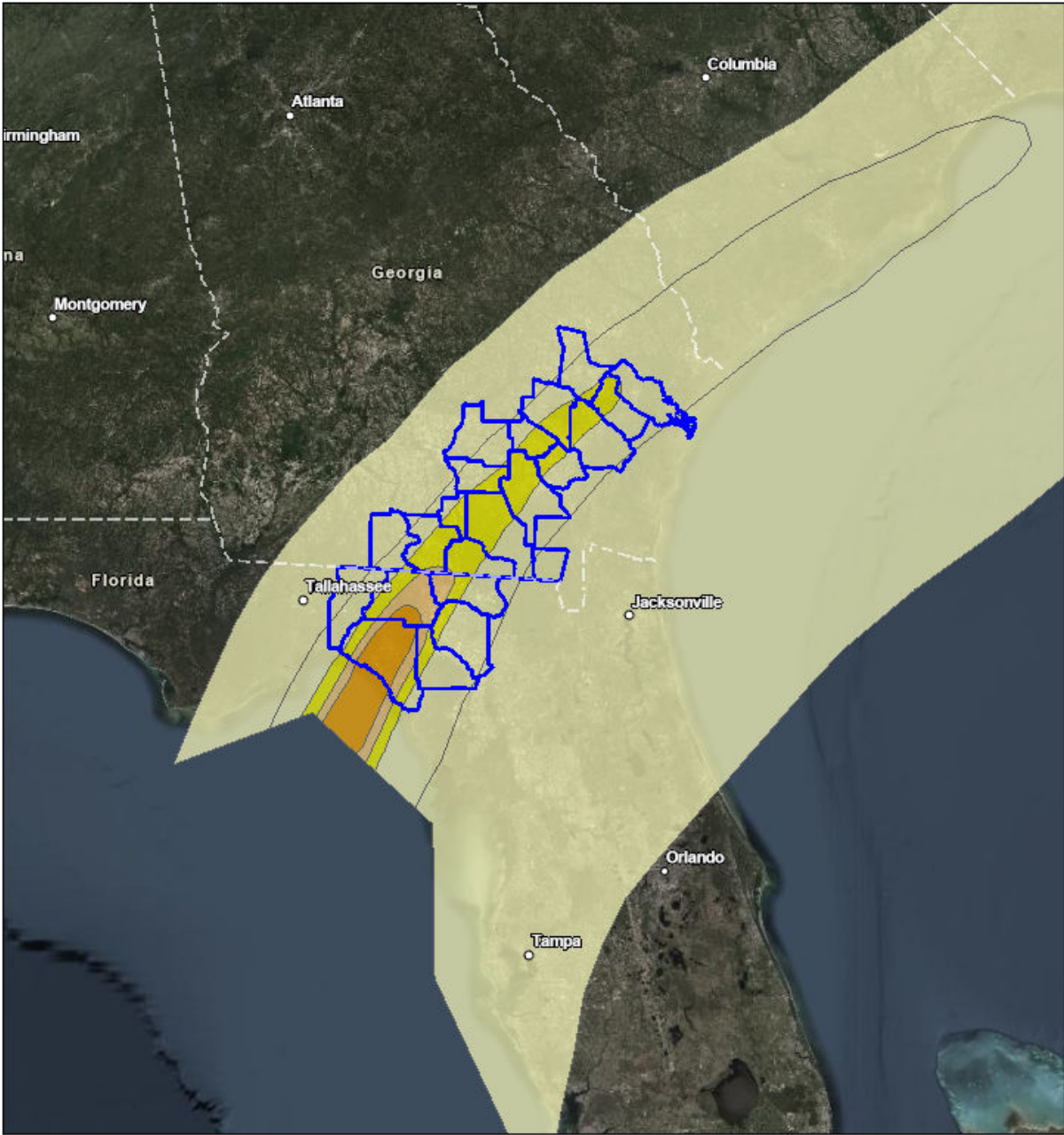


Structures

By Intensity



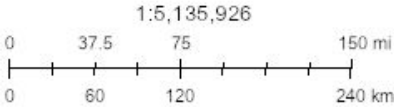
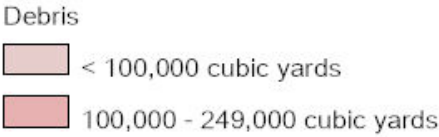
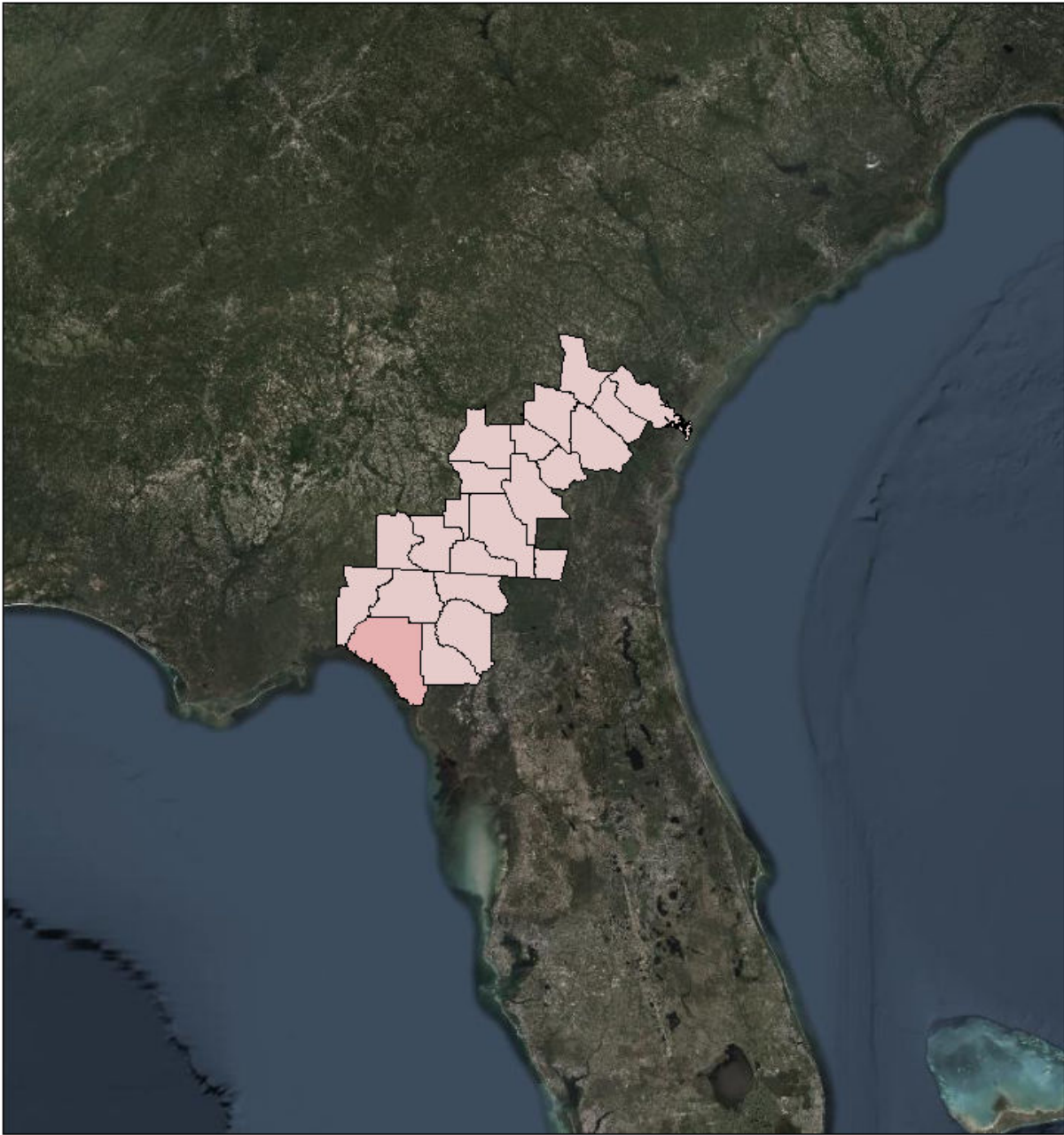
Letter ANSI A Portrait



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

Created by SimSuite

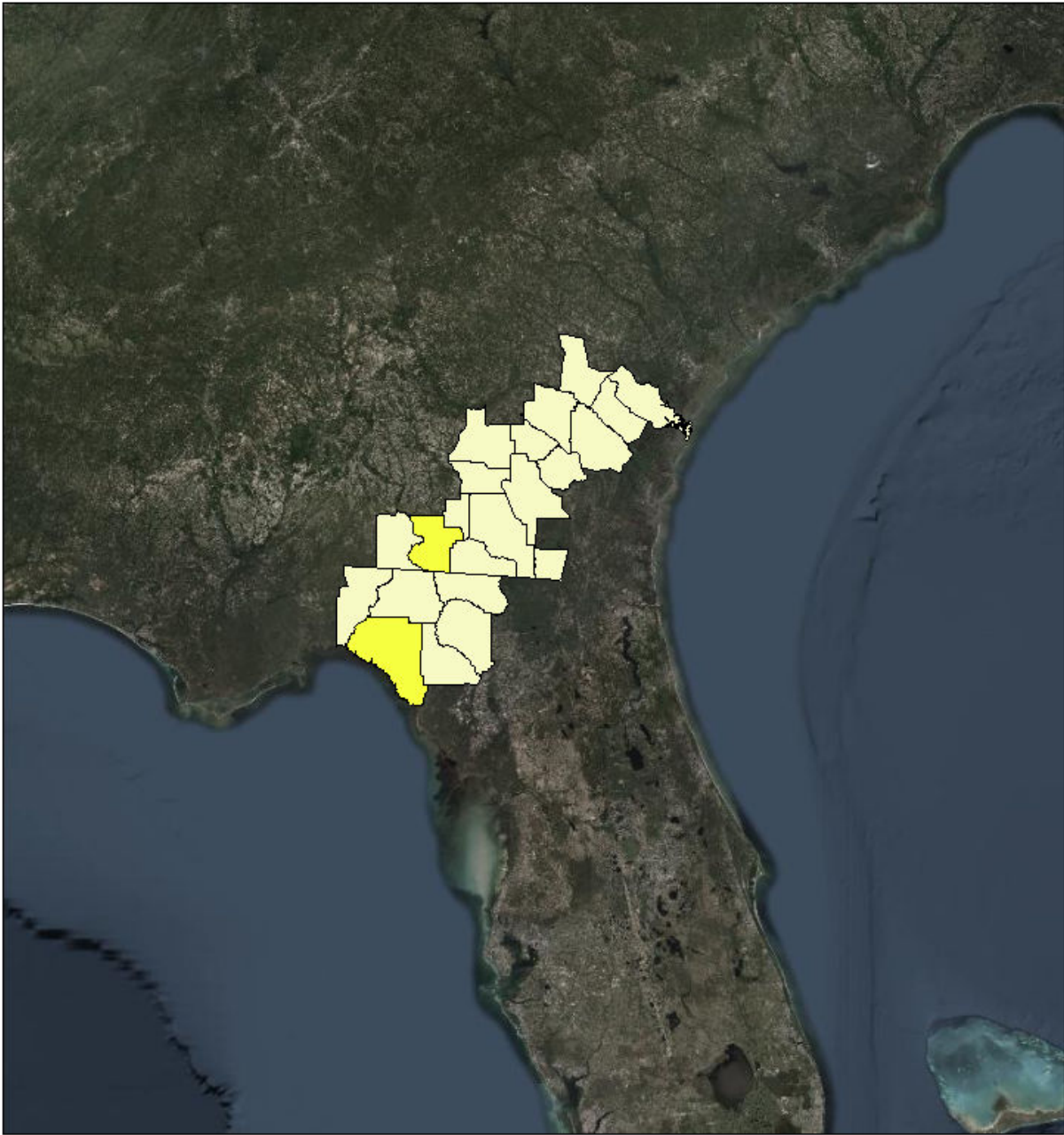
Debris



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

Created by SimSuite

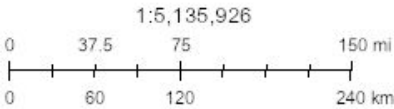
Est. Temp. Roofing



Est. Temp. Roofing

< 1000 units

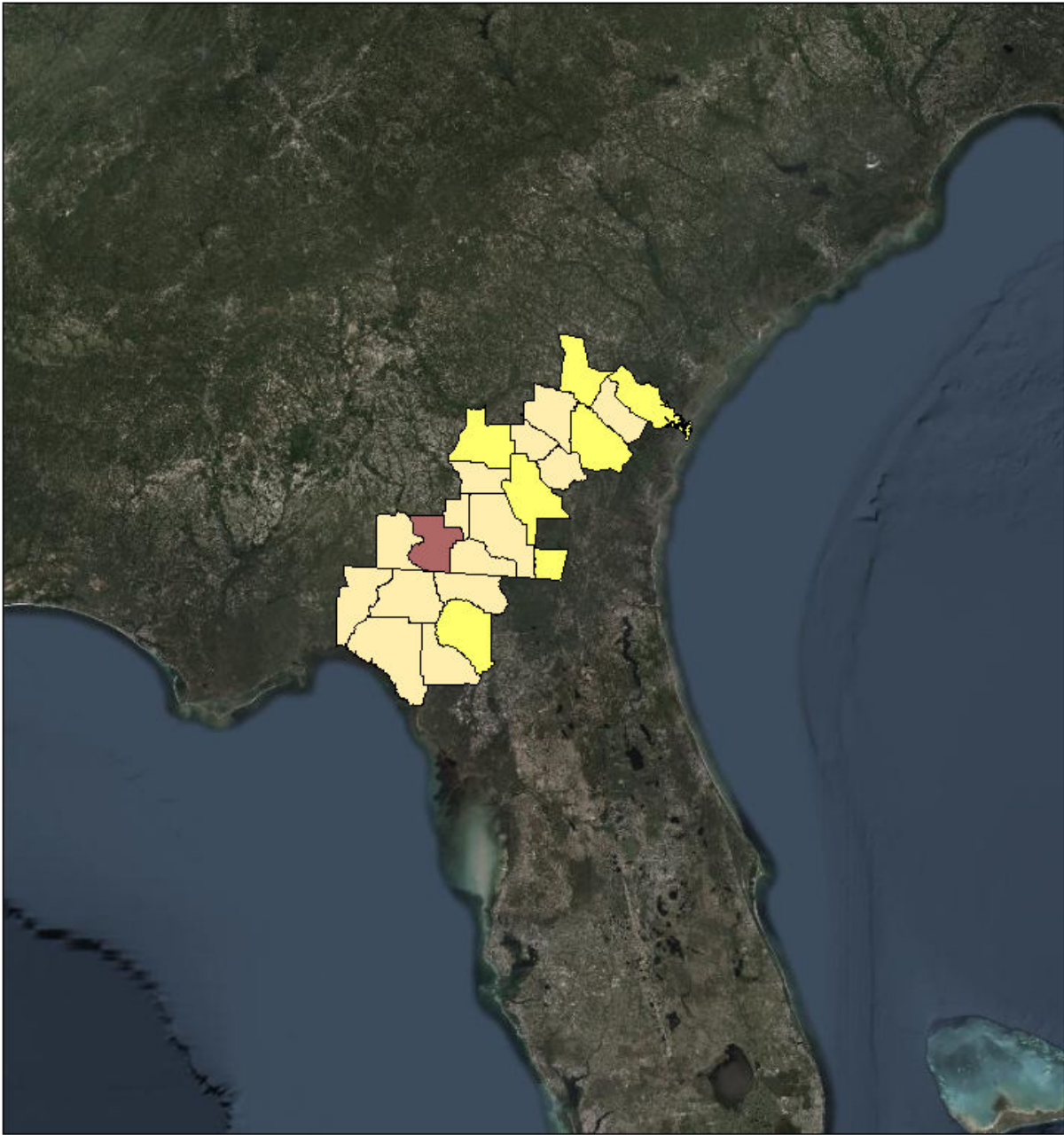
1000 - 4999 units



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

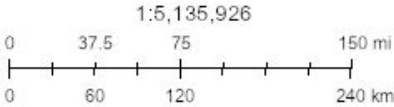
Created by SimSuite

Population



Population

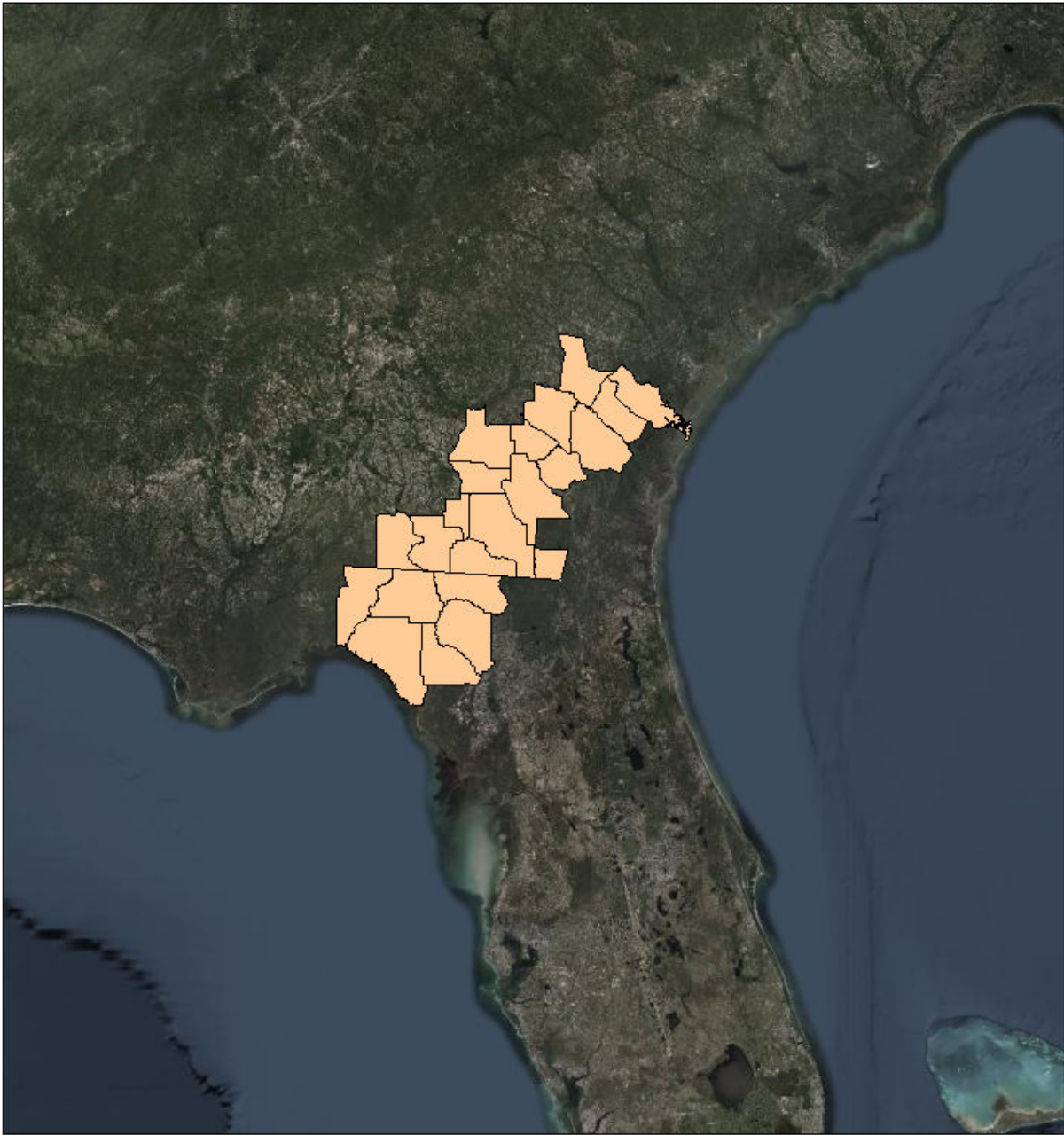
- < 25,000 persons
- 25,000 - 99,000 persons
- 100,000 - 174,999 persons



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

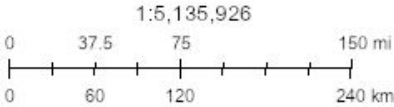
Created by SimSuite

Households



Households

- < 7,500 Households
- 15,000 - 24,999 Households
- 25,000 - 49,999 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	21
Debris (cu. yd.)	399,830
Est. Temp. Roofing (units)	6,885
Act. Temp. Roofing (units)	2,272
Population	565,886
Households	193,084

Population Distribution	
Tropical Storm	711,602
Category 1	164,405
Category 2	25,955
Category 3	13,599

FLORIDA	Yds of Debris (252,191)	Est. Roof Units (2,876)	Act. Roof Units (949)	Population (127,357)	Households (43,701)
Hamilton	14,399	274	91	15,527	4,617
Jefferson	17	0	0	15,463	5,646
Lafayette	4,270	85	28	8,599	2,580
Madison	72,777	984	325	19,974	6,985
Suwannee	7,857	210	69	45,676	15,953
Taylor	152,872	1,322	436	22,118	7,920

GEORGIA	Yds of Debris (147,638)	Est. Roof Units (4,009)	Act. Roof Units (1,323)	Population (438,529)	Households (149,383)
Appling	7,082	204	67	18,453	6,969
Atkinson	2,497	72	24	10,217	2,983
Bacon	6,637	191	63	11,518	4,214
Brooks	694	20	6	16,422	6,457
Clinch	3,877	112	37	6,653	2,572
Coffee	428	12	4	43,712	14,817
Echols	2,398	67	22	4,353	1,329
Lanier	6,048	174	58	10,810	3,608
Liberty	1,513	44	14	65,088	22,155
Long	5,188	150	49	19,666	5,023
Lowndes	80,494	2,075	685	119,324	39,747
Pierce	6,179	178	59	20,038	7,083
Tattnall	2,000	58	19	25,371	8,210
Ware	14,029	405	134	36,789	13,654
Wayne	8,575	247	82	30,115	10,562

Critical Infrastructure

Summary			
Total Critical Facilities		338	
Power Requirements (kW)		7,131.5	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
Cellular Towers (72)	43.2	35 - 75	2,376.0
FM Antennas (27)	1.4	35 - 75	74.3
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (11)	0.0	200 - 300	0.0
Public Schools (54)	16.2	200 - 300	4,050.0
Colleges and Universities (3)	0.1	200 - 300	15.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (38)	3.8	15 - 35	95.0
Fire Stations (61)	6.1	15 - 35	152.5
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (23)	3.4	35 - 100	232.9
Urgent Care Facilities (0)	0.0	200 - 300	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Local Police (22)	2.2	15 - 35	55.0
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOCs	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (8)	1.6	15 - 40	44.0
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 (2)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (3)	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 (14)	0.7	35 - 70	36.8

Poverty Level

#	County	Cat	Pop. below Federal poverty line	% Population
1	Madison County	3	4,046	25
2	Taylor County	3	3,310	18
3	Lafayette County	3	1,042	15
4	Lowndes County	2	25,906	23
5	Suwannee County	2	6,318	15
6	Brooks County	2	3,722	23
7	Hamilton County	2	2,850	26
8	Echols County	2	939	25
9	Liberty County	1	10,411	17
10	Coffee County	1	8,866	22
11	Ware County	1	7,999	24
12	Wayne County	1	5,313	19
13	Appling County	1	4,612	25
14	Tattnall County	1	3,830	20
15	Pierce County	1	3,490	18
16	Lanier County	1	3,269	34
17	Long County	1	2,962	18
18	Bacon County	1	2,557	25
19	Atkinson County	1	2,214	27
20	Jefferson County	1	2,195	17
21	Clinch County	1	2,010	30

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	Madison County, Florida	3	0.961
3	Taylor County, Florida	3	0.898
4	Hamilton County, Florida	2	0.991
5	Suwannee County, Florida	2	0.942
6	Lowndes County, Georgia	2	0.866
7	Brooks County, Georgia	2	0.84
8	Echols County, Georgia	2	0.661
9	Clinch County, Georgia	1	0.978
10	Appling County, Georgia	1	0.967
11	Atkinson County, Georgia	1	0.962
12	Coffee County, Georgia	1	0.951
13	Bacon County, Georgia	1	0.939
14	Wayne County, Georgia	1	0.917
15	Tattnall County, Georgia	1	0.908
16	Liberty County, Georgia	1	0.888
17	Lanier County, Georgia	1	0.87
18	Ware County, Georgia	1	0.845
19	Long County, Georgia	1	0.827
20	Pierce County, Georgia	1	0.657
21	Jefferson County, Florida	1	0.575