



Hurricane IDALIA - Advisory #8

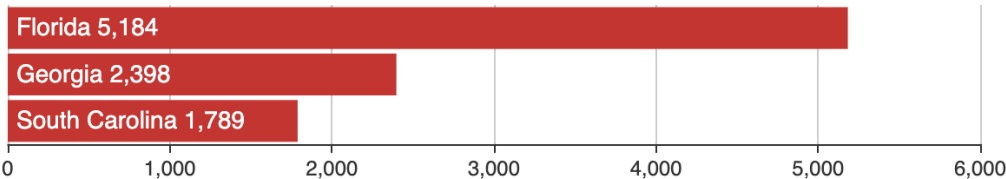
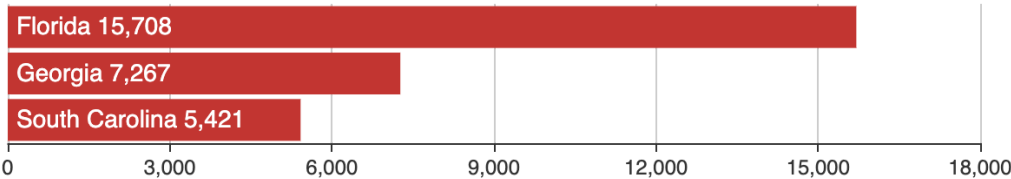
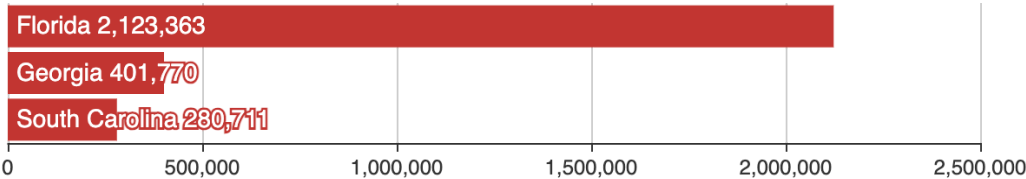
For Planning Purposes Only!

WASHINGTON, DC	CHICAGO	LOS ANGELES
13:27:20	12:27:20	10:27:20
28 Aug 2023	28 Aug 2023	28 Aug 2023

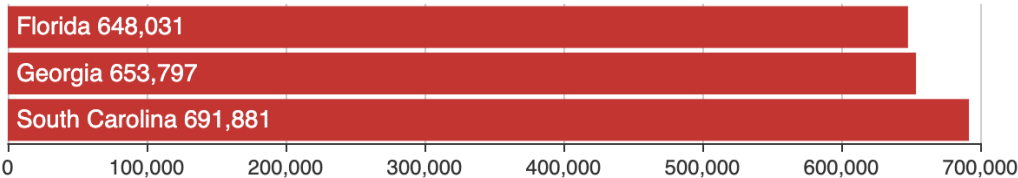
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Updated as of 28 Aug 2023 (12:27 PM Central Daylight Time)

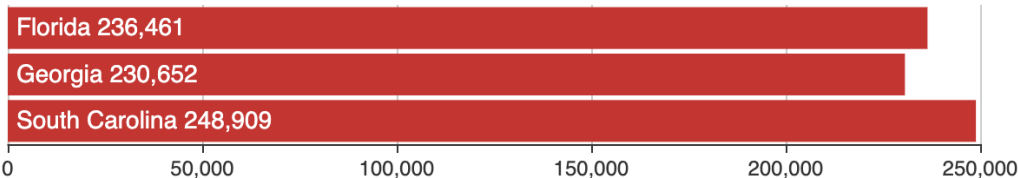
Debris



Population



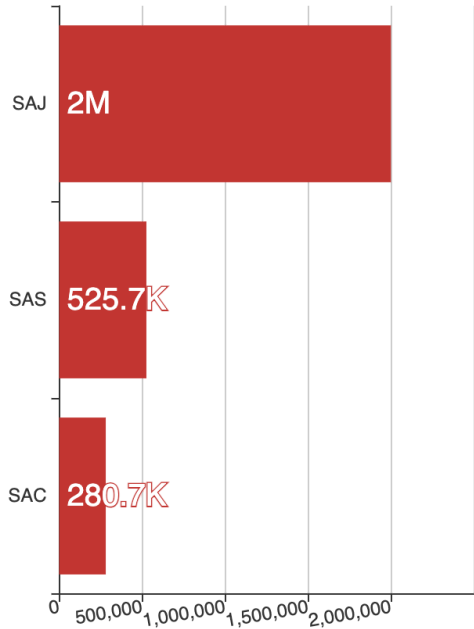
Households



Mission Model Summary

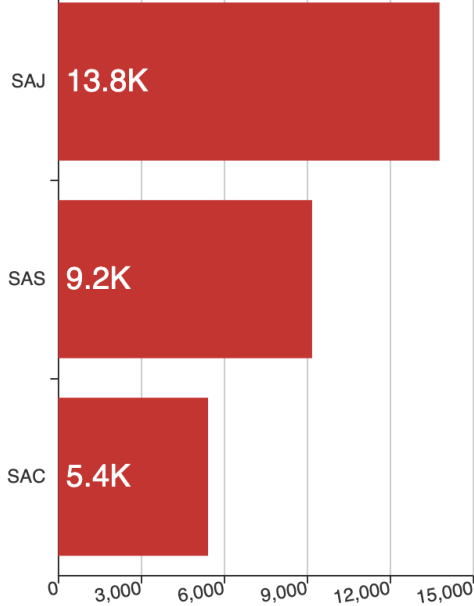
Debris By USACE District

cu. yd.

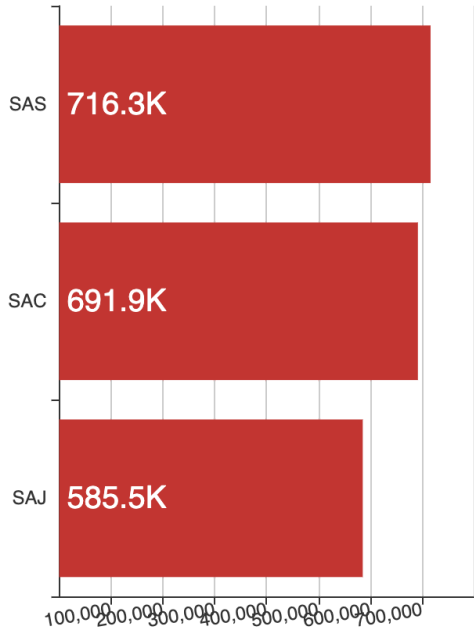


Est. Temp. Roofing By USACE District

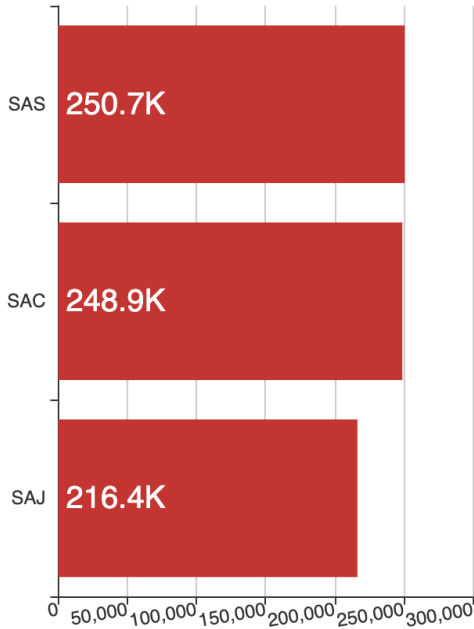
units



Population By USACE District



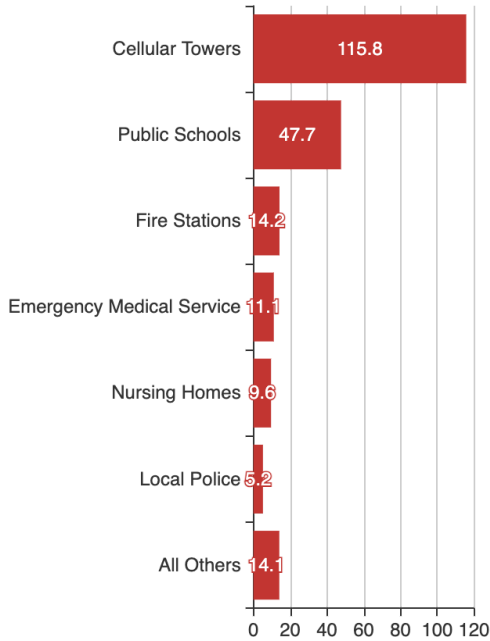
Households By USACE District



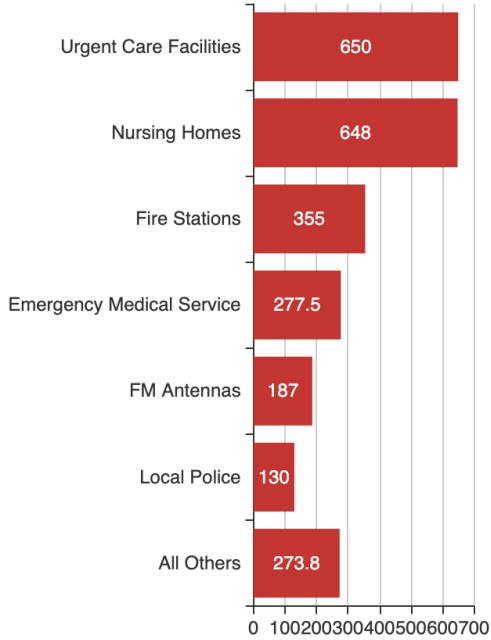
[2022] Critical Infrastructure Summary



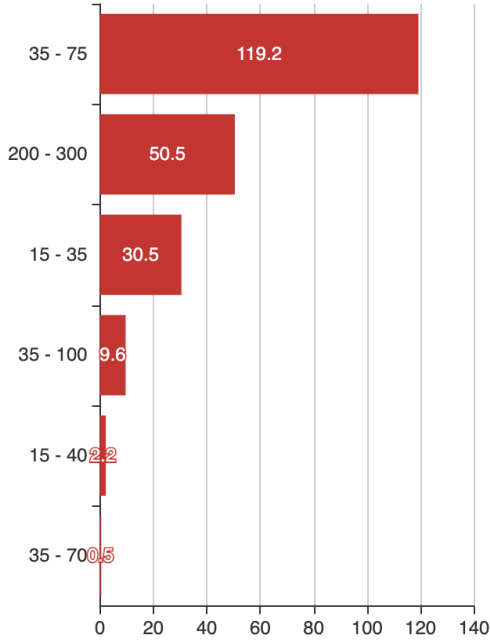
Generators
By Generator Count



Generators
By Power Requirement

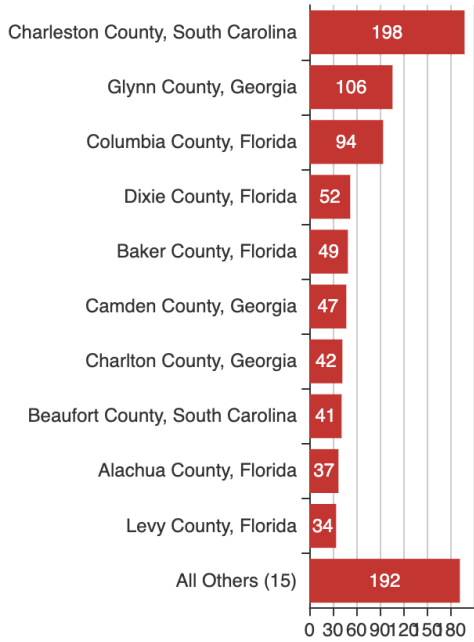


Generators
By Range



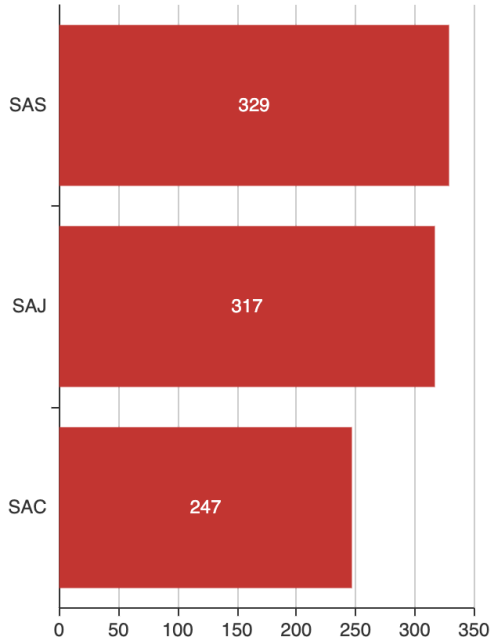
Structures

By County



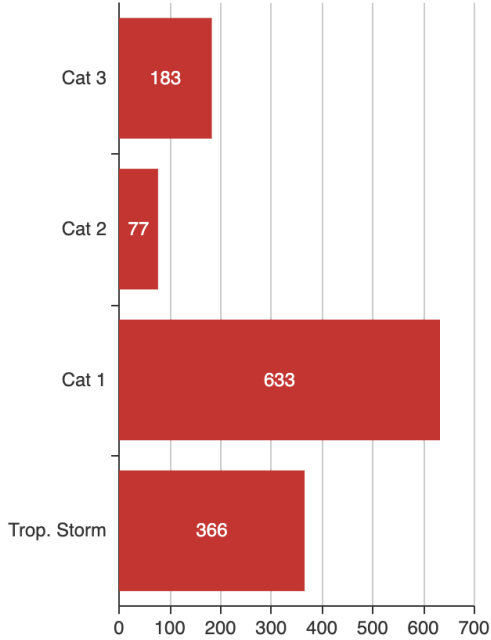
Structures

By USACE District

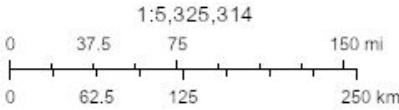
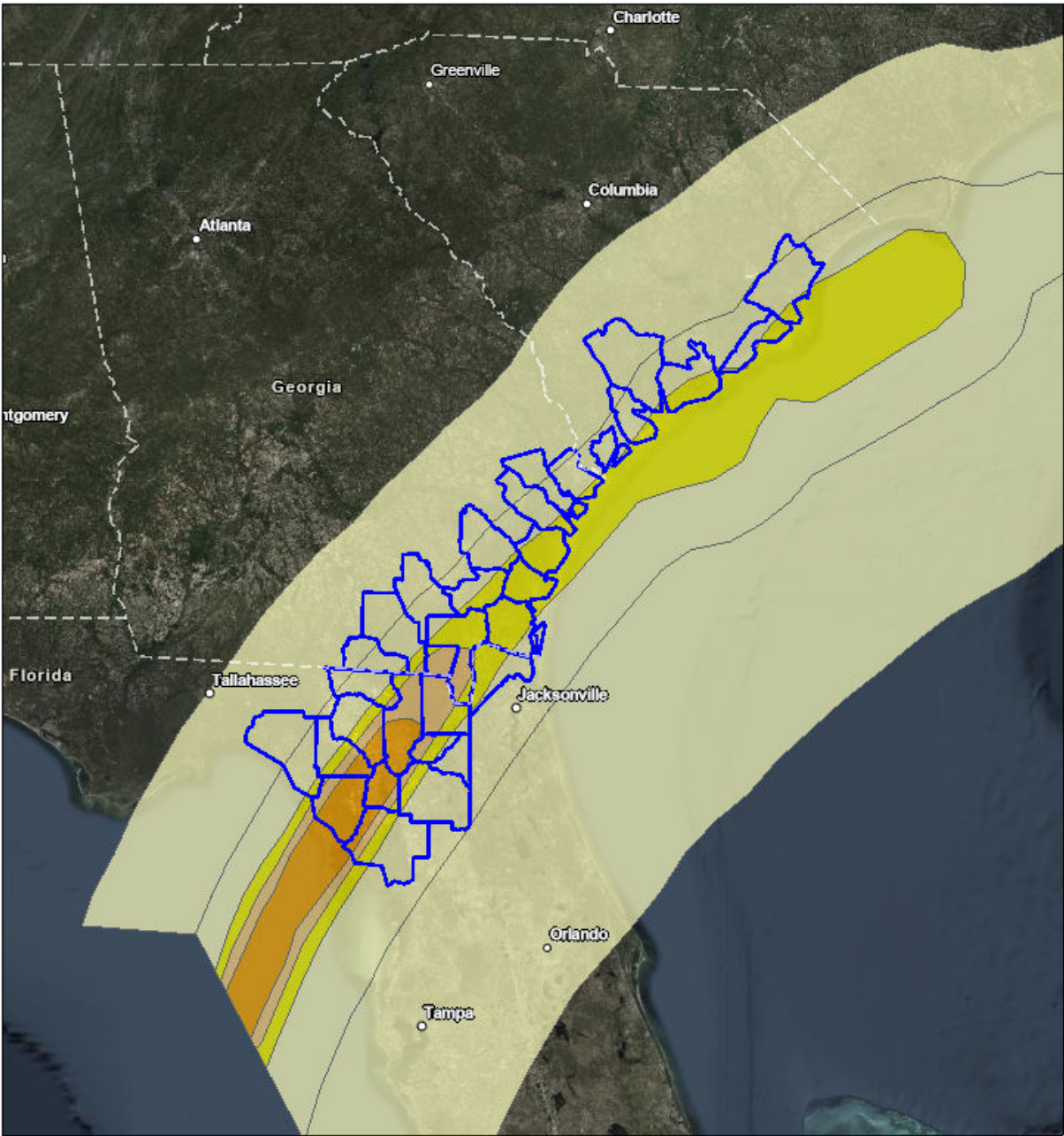


Structures

By Intensity



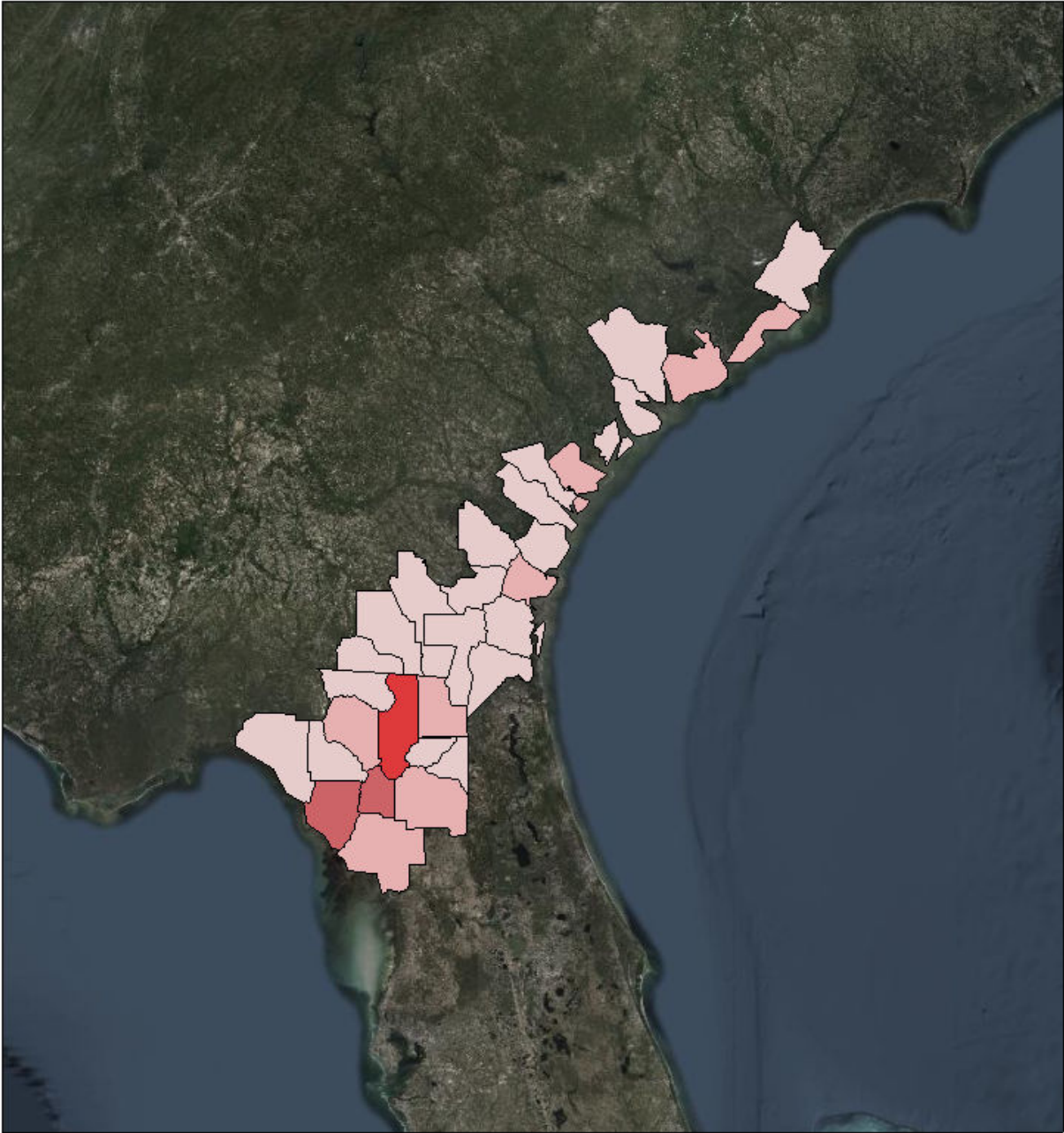
Letter ANSI A Portrait



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

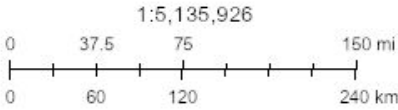
Created by SimSuite

Debris



Debris

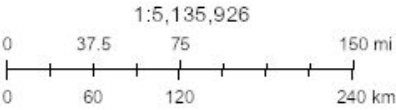
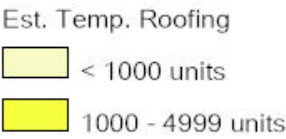
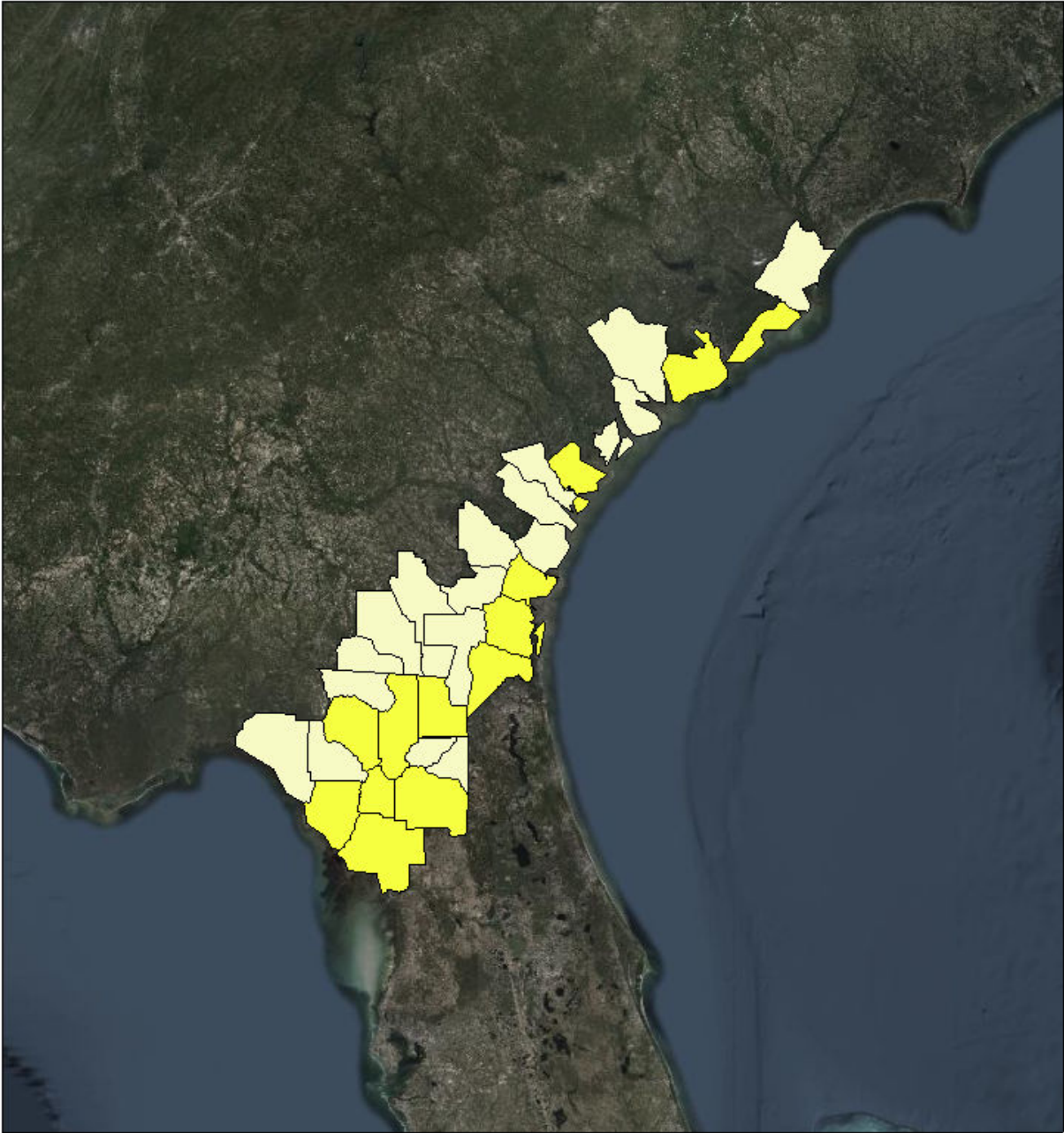
- < 100,000 cubic yards
- 100,000 - 249,000 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards



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

Created by SimSuite

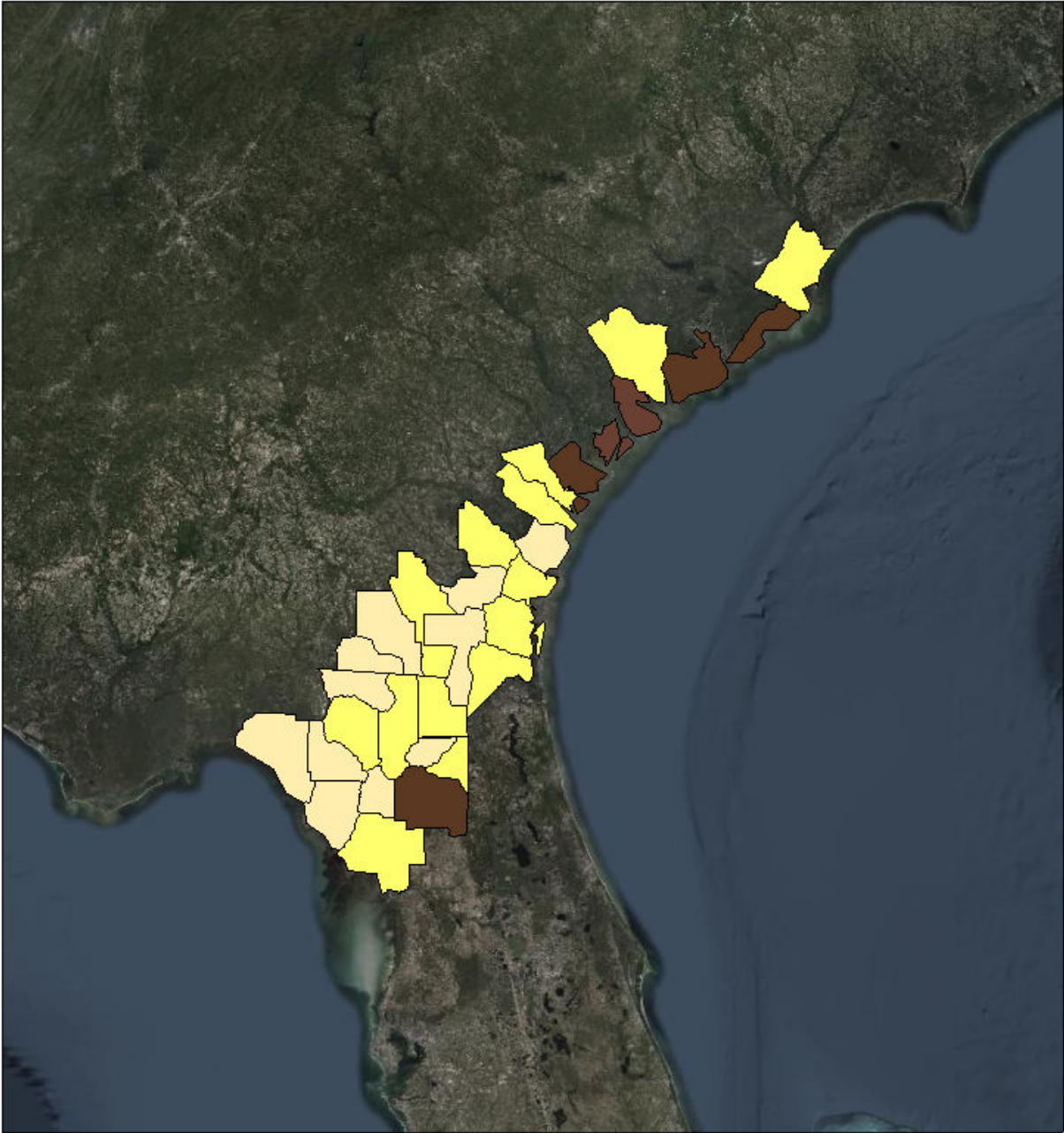
Est. Temp. Roofing



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

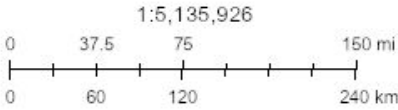
Created by SimSuite

Population



Population

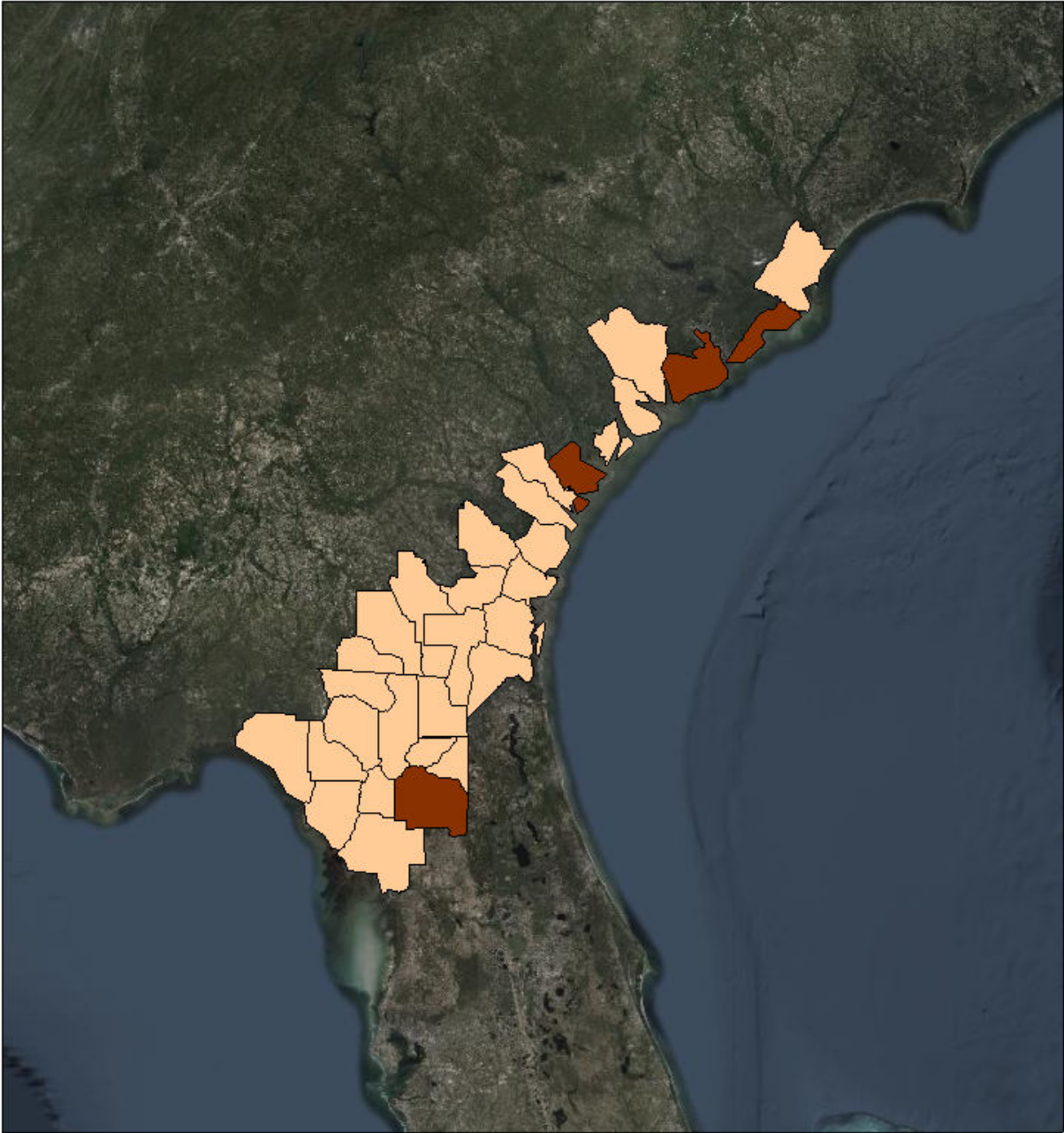
- < 25,000 persons
- 25,000 - 99,000 persons
- 175,000 - 249,000 persons



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

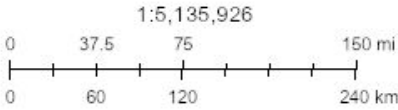
Created by SimSuite

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		29
Debris (cu. yd.)		2,805,844
Est. Temp. Roofing (units)		28,396
Act. Temp. Roofing (units)		9,371
Population		1,993,709
Households		716,022

Population Distribution		
Tropical Storm		2,476,331
Category 1		562,118
Category 2		102,311
Category 3		79,538

FLORIDA	Yds of Debris (2,123,363)	Est. Roof Units (15,708)	Act. Roof Units (5,184)	Population (648,031)	Households (236,461)
Alachua	167,670	2,292	756	262,216	100,516
Baker	102,438	1,244	410	28,042	8,772
Bradford	508	9	3	26,996	9,479
Columbia	811,363	4,951	1,634	69,419	24,941
Dixie	273,980	1,386	457	16,299	6,316
Gilchrist	257,927	1,312	433	17,436	6,121
Hamilton	7,572	107	35	14,344	4,617
Lafayette	34,574	235	77	8,476	2,580
Levy	141,172	1,015	335	41,097	16,404
Nassau	69,817	1,258	415	80,628	28,794
Suwannee	218,534	1,449	478	44,733	15,953
Taylor	1,409	26	9	22,641	7,920
Union	36,399	425	140	15,704	4,048

GEORGIA	Yds of Debris (401,770)	Est. Roof Units (7,267)	Act. Roof Units (2,398)	Population (653,797)	Households (230,652)
Brantley	12,739	246	81	18,729	6,885
Bryan	1,636	31	10	37,469	10,738
Camden	54,096	1,043	344	53,037	18,047
Charlton	26,333	377	124	13,121	3,927
Chatham	101,680	1,958	646	292,686	103,038
Clinch	2,238	32	11	6,915	2,572
Echols	134	3	1	4,137	1,329
Glynn	122,030	2,354	777	84,625	31,774
Liberty	12,050	233	77	64,510	22,155
McIntosh	20,199	390	129	13,862	5,971
Ware	45,999	550	182	35,094	13,654
Wayne	2,636	51	17	29,612	10,562

SOUTH CAROLINA	Yds of Debris (280,711)	Est. Roof Units (5,421)	Act. Roof Units (1,789)	Population (691,881)	Households (248,909)
Beaufort	40,847	786	259	187,450	64,945
Charleston	227,011	4,387	1,448	403,176	144,309
Colleton	1,406	27	9	38,408	15,131
Georgetown	11,446	221	73	62,847	24,524

[2022] Critical Infrastructure

Summary			
Total Critical Facilities		893	
Power Requirements (kW)		20,668.3	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
Cellular Towers (193)	115.8	35 - 75	6,369.0
FM Antennas (68)	3.4	35 - 75	187.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (52)	0.0	200 - 300	0.0
Public Schools (159)	47.7	200 - 300	11,925.0
Colleges and Universities (8)	0.2	200 - 300	40.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (111)	11.1	15 - 35	277.5
Fire Stations (142)	14.2	15 - 35	355.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (64)	9.6	35 - 100	648.0
Urgent Care Facilities (13)	2.6	200 - 300	650.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Local Police (52)	5.2	15 - 35	130.0
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOCs	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (11)	2.2	15 - 40	60.5
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 (3)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (7)	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 (10)	0.5	35 - 70	26.3

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	Columbia County, Florida	3	0.86
5	Union County, Florida	3	0.838
6	Levy County, Florida	3	0.779
7	Gilchrist County, Florida	3	0.757
8	Alachua County, Florida	3	0.473
9	Hamilton County, Florida	2	0.991
10	Clinch County, Georgia	2	0.978
11	Taylor County, Florida	2	0.898
12	Charlton County, Georgia	2	0.875
13	Ware County, Georgia	2	0.845
14	Baker County, Florida	2	0.68
15	Nassau County, Florida	2	0.246
16	Jasper County, South Carolina	1	0.945
17	Bradford County, Florida	1	0.926
18	Wayne County, Georgia	1	0.917
19	Liberty County, Georgia	1	0.888
20	Colleton County, South Carolina	1	0.8
21	Glynn County, Georgia	1	0.716
22	Chatham County, Georgia	1	0.695
23	Georgetown County, South Carolina	1	0.677
24	Echols County, Georgia	1	0.661
25	Brantley County, Georgia	1	0.623
26	McIntosh County, Georgia	1	0.586
27	Camden County, Georgia	1	0.516
28	Berkeley County, South Carolina	1	0.515
29	Beaufort County, South Carolina	1	0.401
30	Bryan County, Georgia	1	0.339
31	Charleston County, South Carolina	1	0.316

Poverty Level

#	County	Cat	Pop. below Federal poverty line	% Population
1	Alachua County	3	52,902	20
2	Columbia County	3	9,214	14
3	Levy County	3	7,588	18
4	Suwannee County	3	6,318	15
5	Dixie County	3	2,375	16
6	Gilchrist County	3	2,006	12
7	Union County	3	1,756	17
8	Lafayette County	3	1,042	15
9	Nassau County	2	8,443	10
10	Ware County	2	7,999	24
11	Taylor County	2	3,310	18
12	Baker County	2	2,895	12
13	Hamilton County	2	2,850	26
14	Charlton County	2	2,421	21
15	Clinch County	2	2,010	30
16	Charleston County	1	49,391	13
17	Chatham County	1	40,087	14
18	Berkeley County	1	25,247	11
19	Beaufort County	1	18,334	10
20	Glynn County	1	13,908	17
21	Liberty County	1	10,411	17
22	Georgetown County	1	10,269	17
23	Camden County	1	8,320	16
24	Colleton County	1	6,873	18
25	Wayne County	1	5,313	19
26	Jasper County	1	5,067	19
27	Bradford County	1	4,660	19
28	Bryan County	1	3,793	9
29	Brantley County	1	3,025	17
30	McIntosh County	1	2,204	20
31	Echols County	1	939	25

Report Generated by SimSuite

<https://localhost:3344/webappbuilder/apps/10/#advid=309&oid=93&name=Hurricane%20Idalia&advisory=Advisory%20&advlf=G>