



US Army Corps
of Engineers®
BUILDING STRONG®

Hurricane Idalia (Landfall)

For Planning Purposes Only!

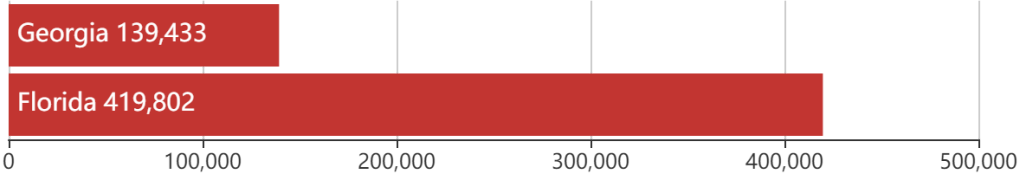
WASHINGTON, DC	CHICAGO	LOS ANGELES
10:02:35	09:02:35	07:02:35
30 Aug 2023	30 Aug 2023	30 Aug 2023

<https://simsuite.usace.army.mil/wab/v2.15/MissionModels/#advId=316&oid=93&name=Hurricane%20Idalia&advisory=Landfall&advf=G>

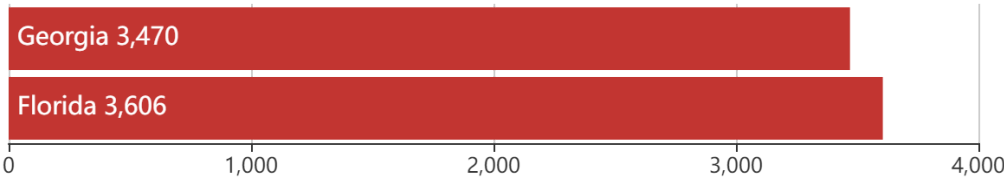
Updated as of 30 Aug 2023 (9:02 AM Central Daylight Time)

Debris

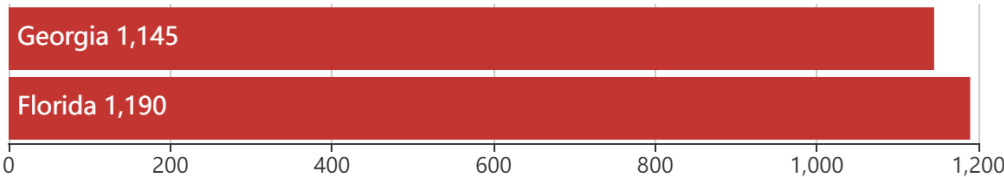
559.2K
cu. yd.



Est. Temp.
Roofing
7.1K
units

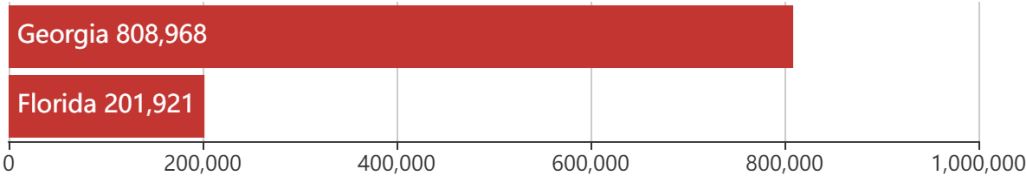


Act. Temp.
Roofing
2.3K
units



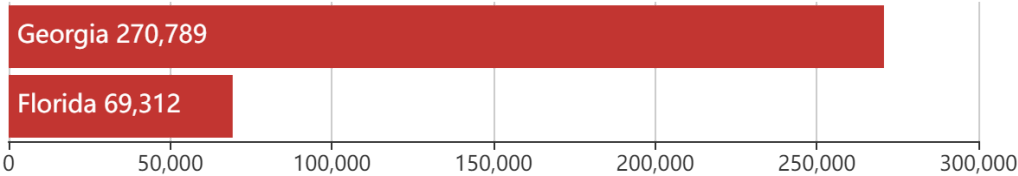
Population

1M
people



Households

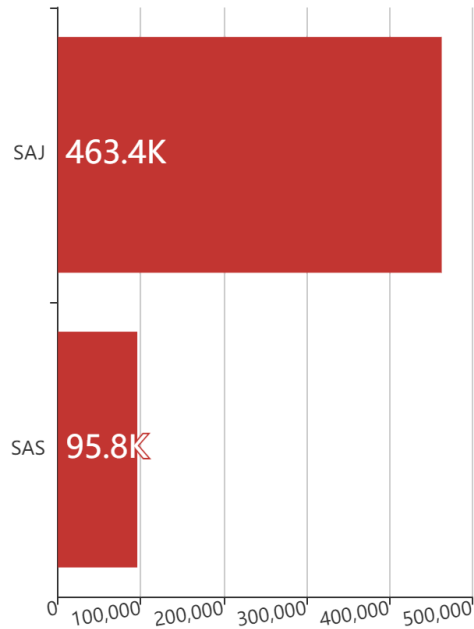
340.1K
households



Mission Model Summary

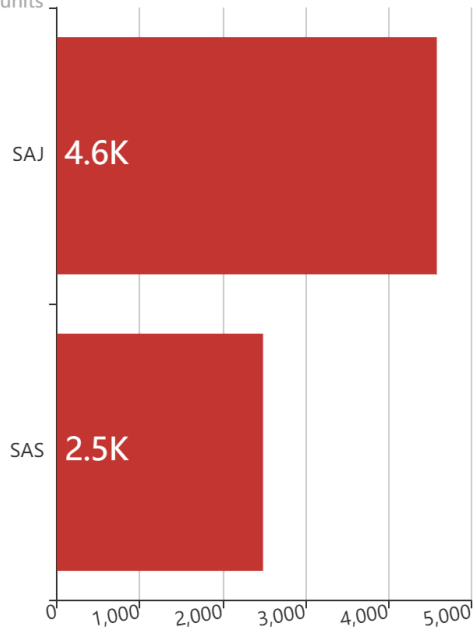
Debris By USACE District

cu. yd.

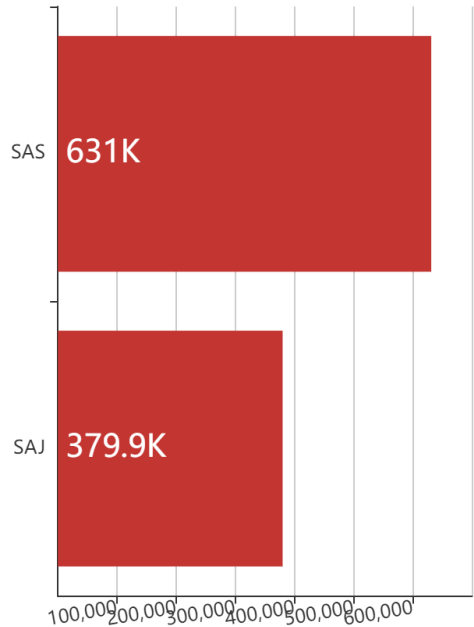


Est. Temp. Roofing By USACE District

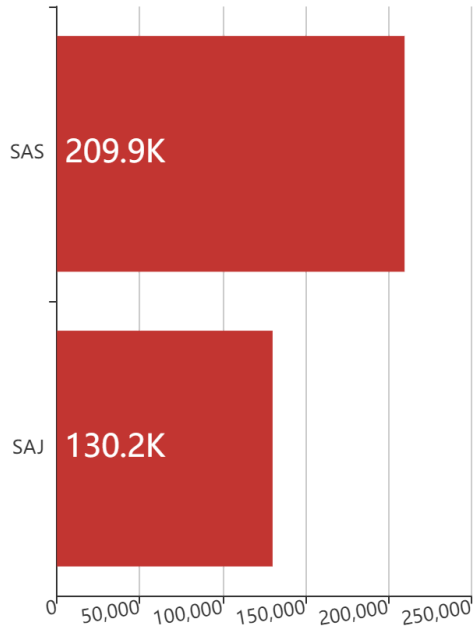
units



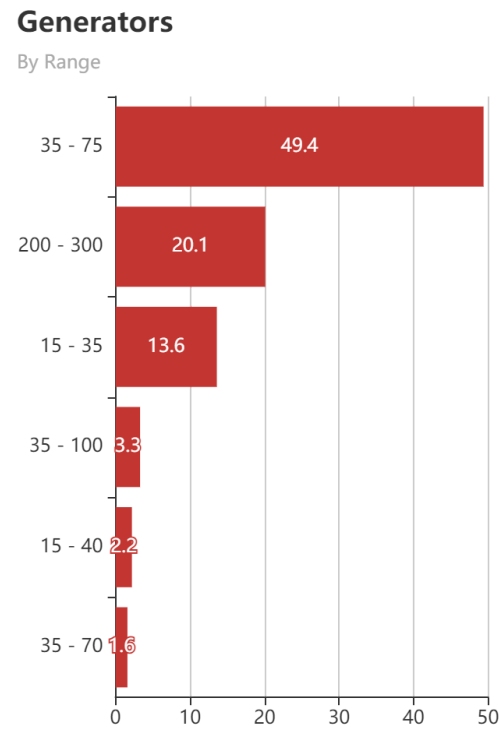
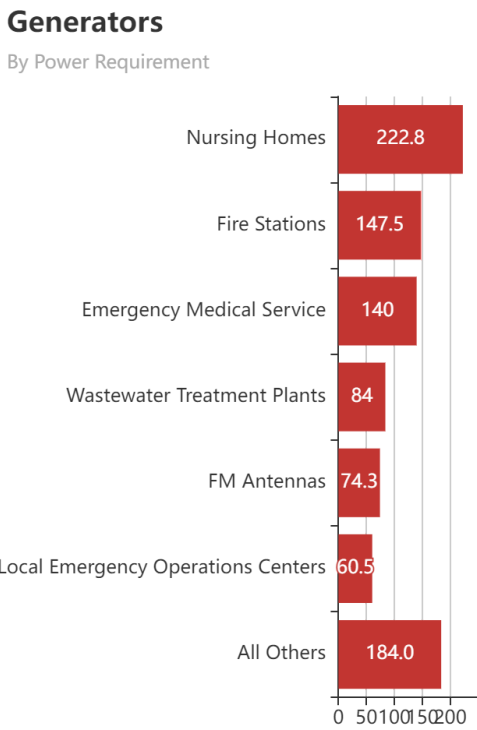
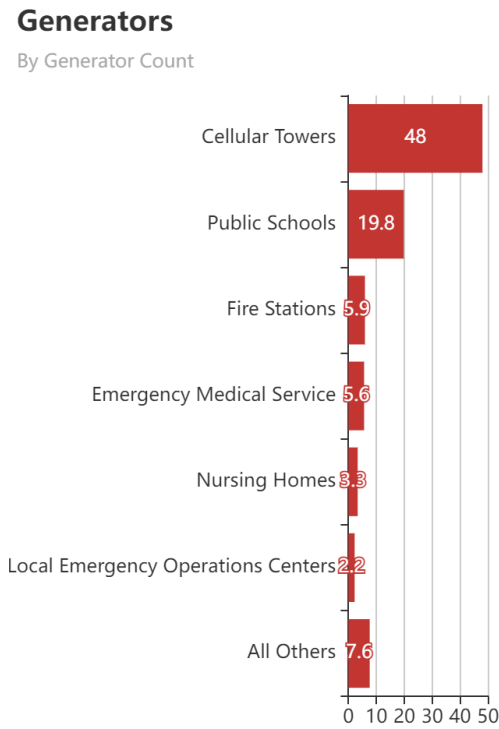
Population By USACE District



Households By USACE District

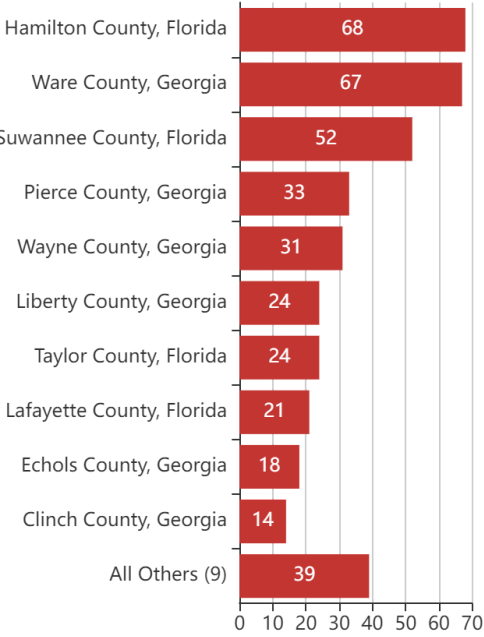


Critical Infrastructure Summary



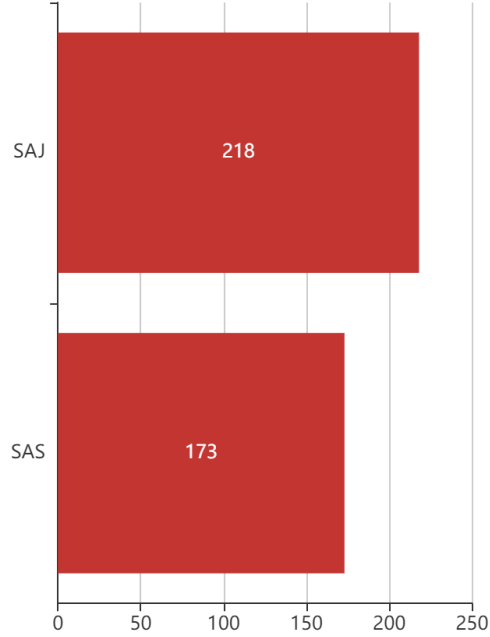
Structures

By County



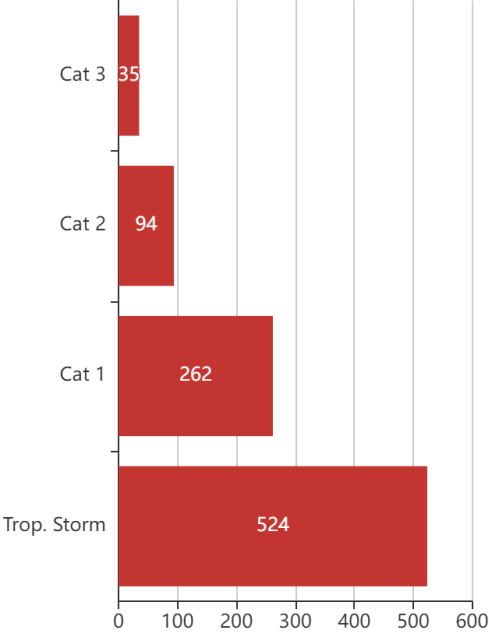
Structures

By USACE District

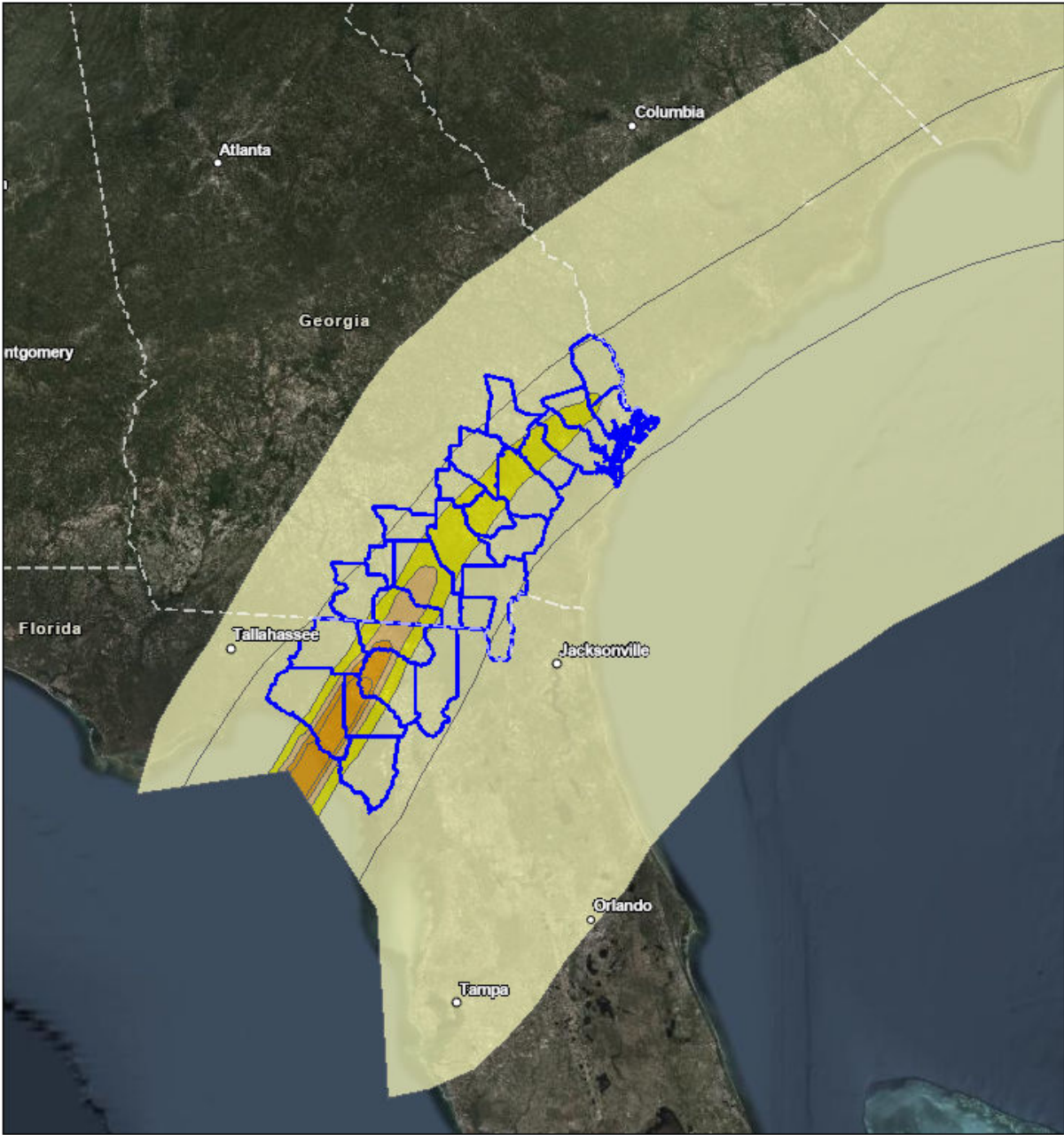


Structures

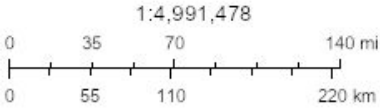
By Intensity



Letter ANSI A Portrait



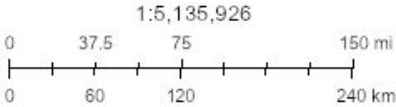
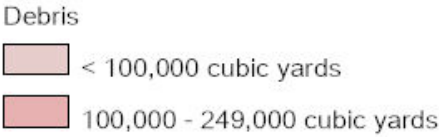
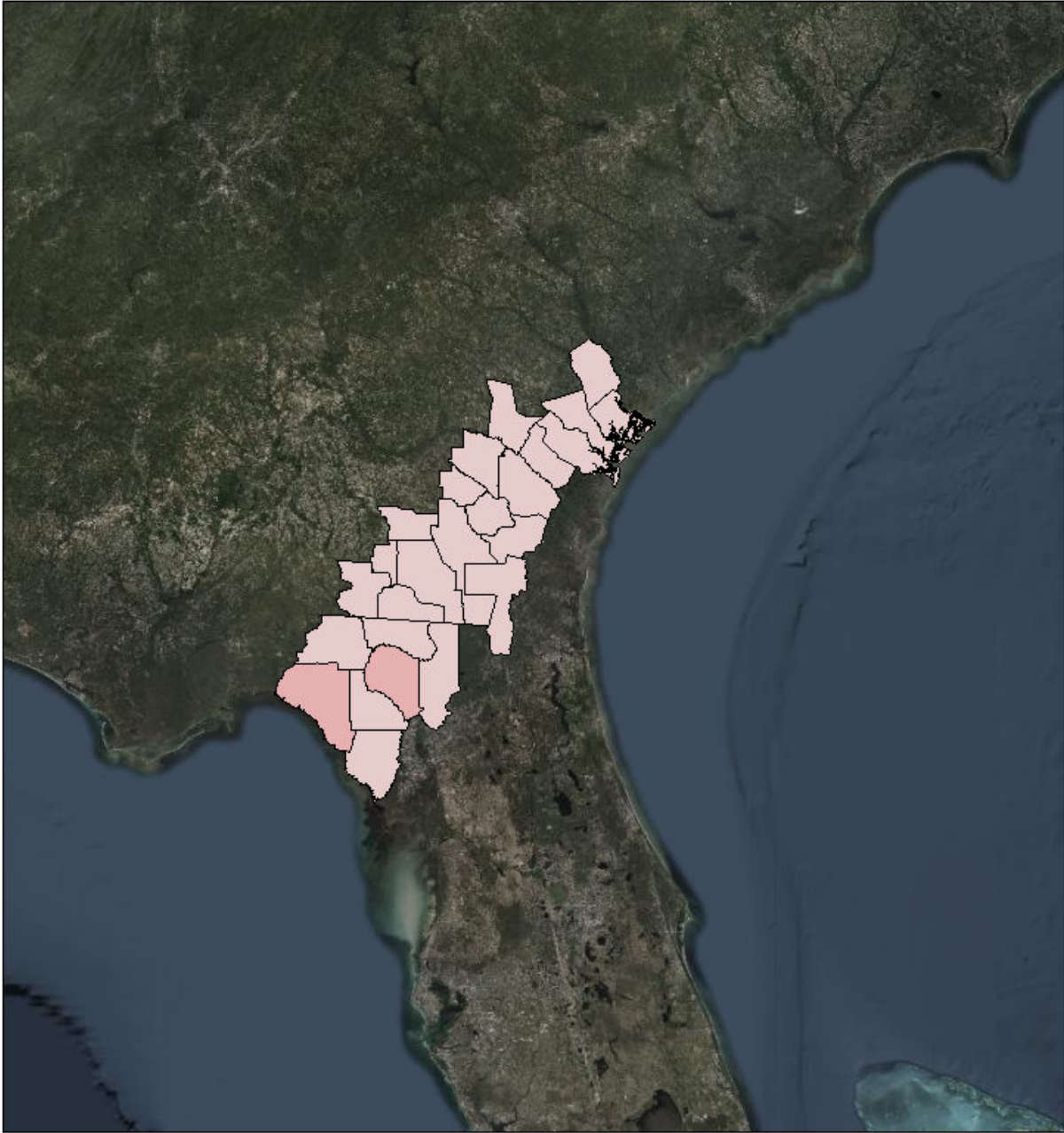
- Counties
- Mission Model Swaths
- TS
- Cat 1
- Cat 2
- Cat 3



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

Created by SimSuite

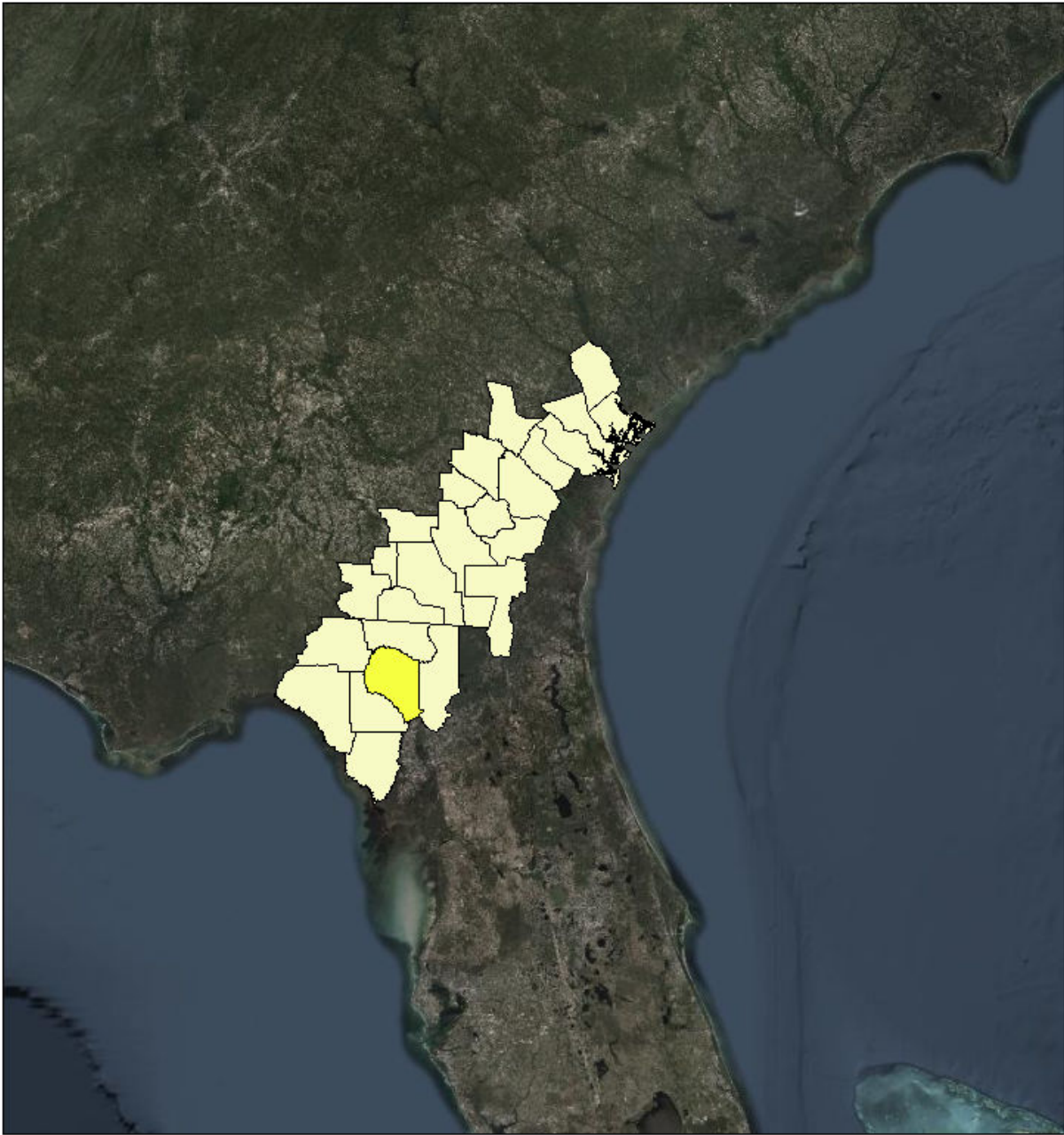
Debris



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

Created by SimSuite

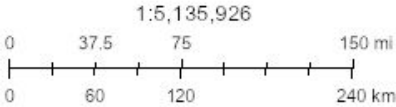
Est. Temp. Roofing



Est. Temp. Roofing

< 1000 units

1000 - 4999 units

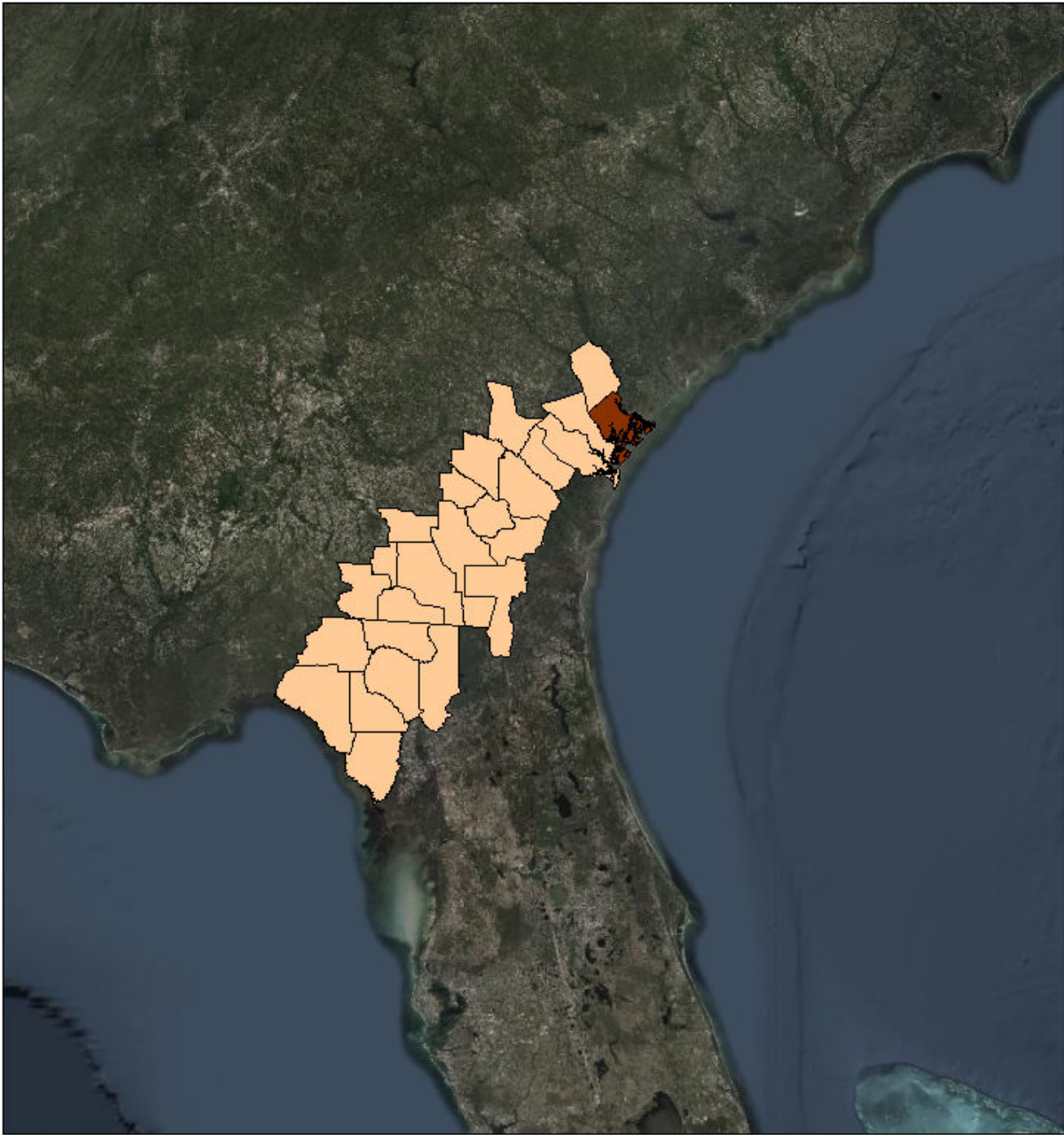


Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Created by SimSuite

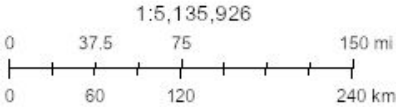


Households



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	25
Debris (cu. yd.)	559,235
Est. Temp. Roofing (units)	7,076
Act. Temp. Roofing (units)	2,335
Population	1,010,889
Households	340,101

Population Distribution	
Tropical Storm	1,894,688
Category 1	154,614
Category 2	18,360
Category 3	26,418

FLORIDA	Yds of Debris (419,802)	Est. Roof Units (3,606)	Act. Roof Units (1,190)	Population (201,921)	Households (69,312)
Columbia	667	17	6	72,297	24,941
Dixie	3,118	76	25	17,730	6,316
Hamilton	37,090	503	166	15,527	4,617
Lafayette	45,345	343	113	8,599	2,580
Madison	17,803	202	67	19,974	6,985
Suwannee	212,031	1,683	556	45,676	15,953
Taylor	103,748	780	257	22,118	7,920

GEORGIA	Yds of Debris (139,433)	Est. Roof Units (3,470)	Act. Roof Units (1,145)	Population (808,968)	Households (270,789)
Appling	4,029	105	35	18,453	6,969
Atkinson	378	10	3	10,217	2,983
Bacon	3,976	103	34	11,518	4,214
Brantley	206	5	2	20,181	6,885
Bryan	10,282	267	88	40,478	10,738
Charlton	3	0	0	12,828	3,927
Chatham	13,559	352	116	290,390	103,038
Clinch	10,487	197	65	6,653	2,572
Echols	8,839	155	51	4,353	1,329
Effingham	2,860	74	25	66,696	18,092
Lanier	8	0	0	10,810	3,608
Liberty	22,919	595	196	65,088	22,155
Long	7,796	202	67	19,666	5,023
Lowndes	2,777	72	24	119,324	39,747
Pierce	15,215	395	130	20,038	7,083
Tattnall	1,291	34	11	25,371	8,210
Ware	21,480	558	184	36,789	13,654
Wayne	13,328	346	114	30,115	10,562

Critical Infrastructure

Summary			
Total Critical Facilities		391	
Power Requirements (kW)		8,436.6	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
Cellular Towers (80)	48.0	35 - 75	2,640.0
FM Antennas (27)	1.4	35 - 75	74.3
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (12)	0.0	200 - 300	0.0
Public Schools (66)	19.8	200 - 300	4,950.0
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 (56)	5.6	15 - 35	140.0
Fire Stations (59)	5.9	15 - 35	147.5
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (22)	3.3	35 - 100	222.8
Urgent Care Facilities (1)	0.2	200 - 300	50.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Local Police (21)	2.1	15 - 35	52.5
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 (1)	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

Poverty Level

#	County	Cat	Pop. below Federal poverty line	% Population
1	Suwannee County	3	6,318	15
2	Madison County	3	4,046	25
3	Taylor County	3	3,310	18
4	Hamilton County	3	2,850	26
5	Lafayette County	3	1,042	15
6	Dixie County	2	2,375	16
7	Clinch County	2	2,010	30
8	Echols County	2	939	25
9	Chatham County	1	40,087	14
10	Lowndes County	1	25,906	23
11	Liberty County	1	10,411	17
12	Columbia County	1	9,214	14
13	Ware County	1	7,999	24
14	Wayne County	1	5,313	19
15	Effingham County	1	4,783	8
16	Appling County	1	4,612	25
17	Tattnall County	1	3,830	20
18	Bryan County	1	3,793	9
19	Pierce County	1	3,490	18
20	Lanier County	1	3,269	34
21	Brantley County	1	3,025	17
22	Long County	1	2,962	18
23	Bacon County	1	2,557	25
24	Charlton County	1	2,421	21
25	Atkinson County	1	2,214	27

Social Vulnerability Index

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

#	Location	Cat	Overall SVI Score
1	Hamilton County, Florida	3	0.991
2	Lafayette County, Florida	3	0.981
3	Madison County, Florida	3	0.961
4	Suwannee County, Florida	3	0.942
5	Taylor County, Florida	3	0.898
6	Clinch County, Georgia	2	0.978
7	Dixie County, Florida	2	0.899
8	Echols County, Georgia	2	0.661
9	Appling County, Georgia	1	0.967
10	Atkinson County, Georgia	1	0.962
11	Bacon County, Georgia	1	0.939
12	Wayne County, Georgia	1	0.917
13	Tattnall County, Georgia	1	0.908
14	Liberty County, Georgia	1	0.888
15	Charlton County, Georgia	1	0.875
16	Lanier County, Georgia	1	0.87
17	Lowndes County, Georgia	1	0.866
18	Columbia County, Florida	1	0.86
19	Ware County, Georgia	1	0.845
20	Long County, Georgia	1	0.827
21	Chatham County, Georgia	1	0.695
22	Pierce County, Georgia	1	0.657
23	Brantley County, Georgia	1	0.623
24	Bryan County, Georgia	1	0.339
25	Effingham County, Georgia	1	0.236