



US Army Corps
of Engineers®
BUILDING STRONG®

Hurricane Sally Adv. #13

For Planning Purposes Only!

WASHINGTON, DC
15:50:45
14 Sep 2020

CHICAGO
14:50:45
14 Sep 2020

LOS ANGELES
12:50:45
14 Sep 2020

<https://go.usa.gov/xGXnT>

Updated as of 14 Sep 2020 (3:50 PM Eastern Daylight Time)



Debris

2,791,415
cu. yd.

Mississippi 98% (2,735,853)

Alabama 2% (55,359)

Louisiana <1% (202)

Florida <1% (0)



Temporary
Roofing

4,918
units

Mississippi 97% (4,790)

Alabama 3% (128)

Louisiana <1% (0)

Florida <1% (0)



Population

2,982,114
people

Louisiana 37% (1,100,161)

Alabama 26% (788,645)

Mississippi 24% (708,028)

Florida 13% (385,280)



Households

1,137,330
households

Louisiana 42% (472,487)

Alabama 25% (282,308)

Mississippi 22% (250,241)

Florida 12% (132,294)

Critical Infrastructure Summary

Total

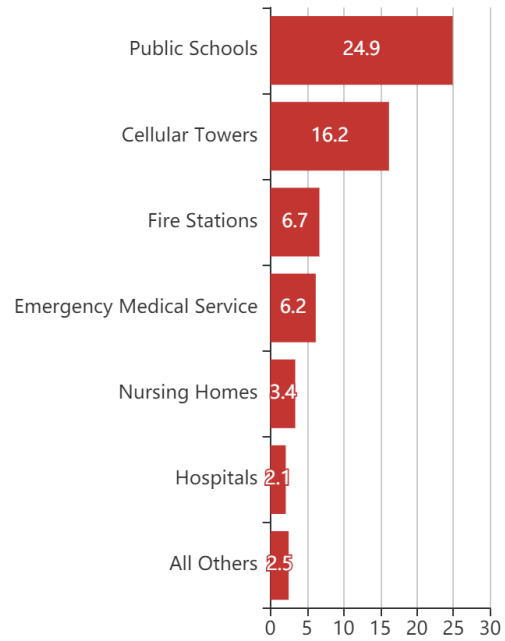


Power Requirements



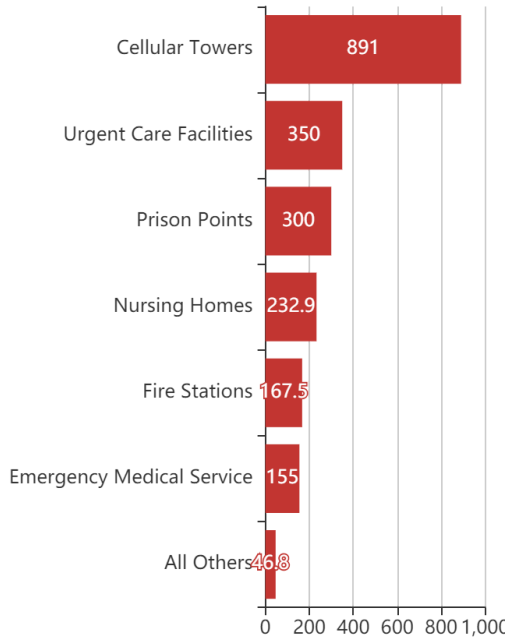
Generators

By Generator Count



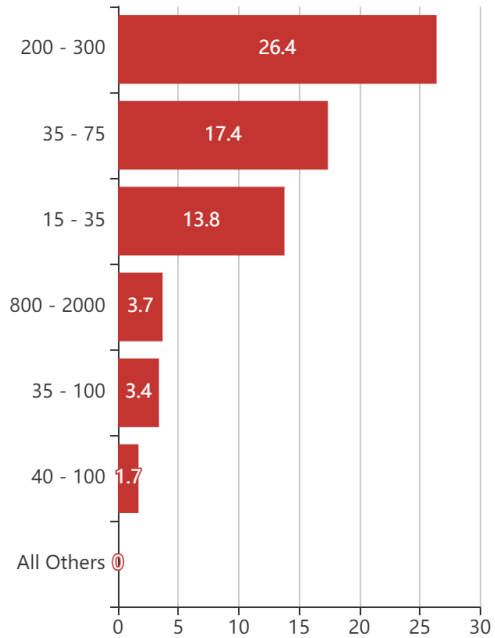
Generators

By Power Requirement



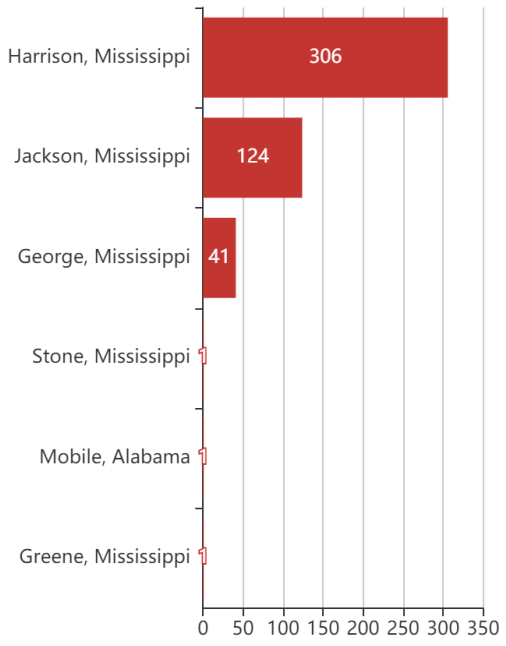
Generators

By Range



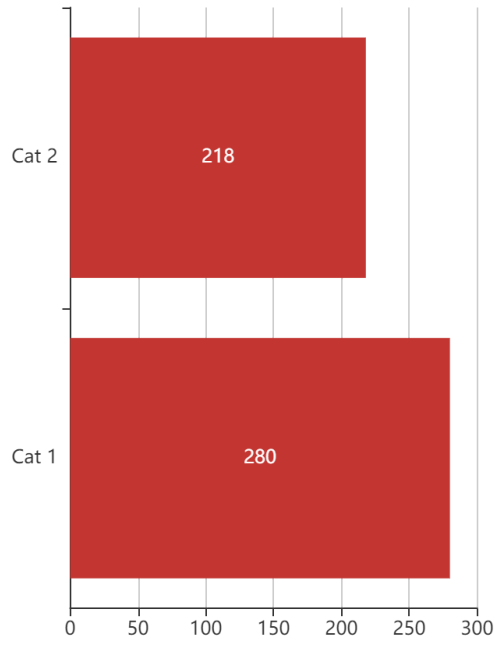
Structures

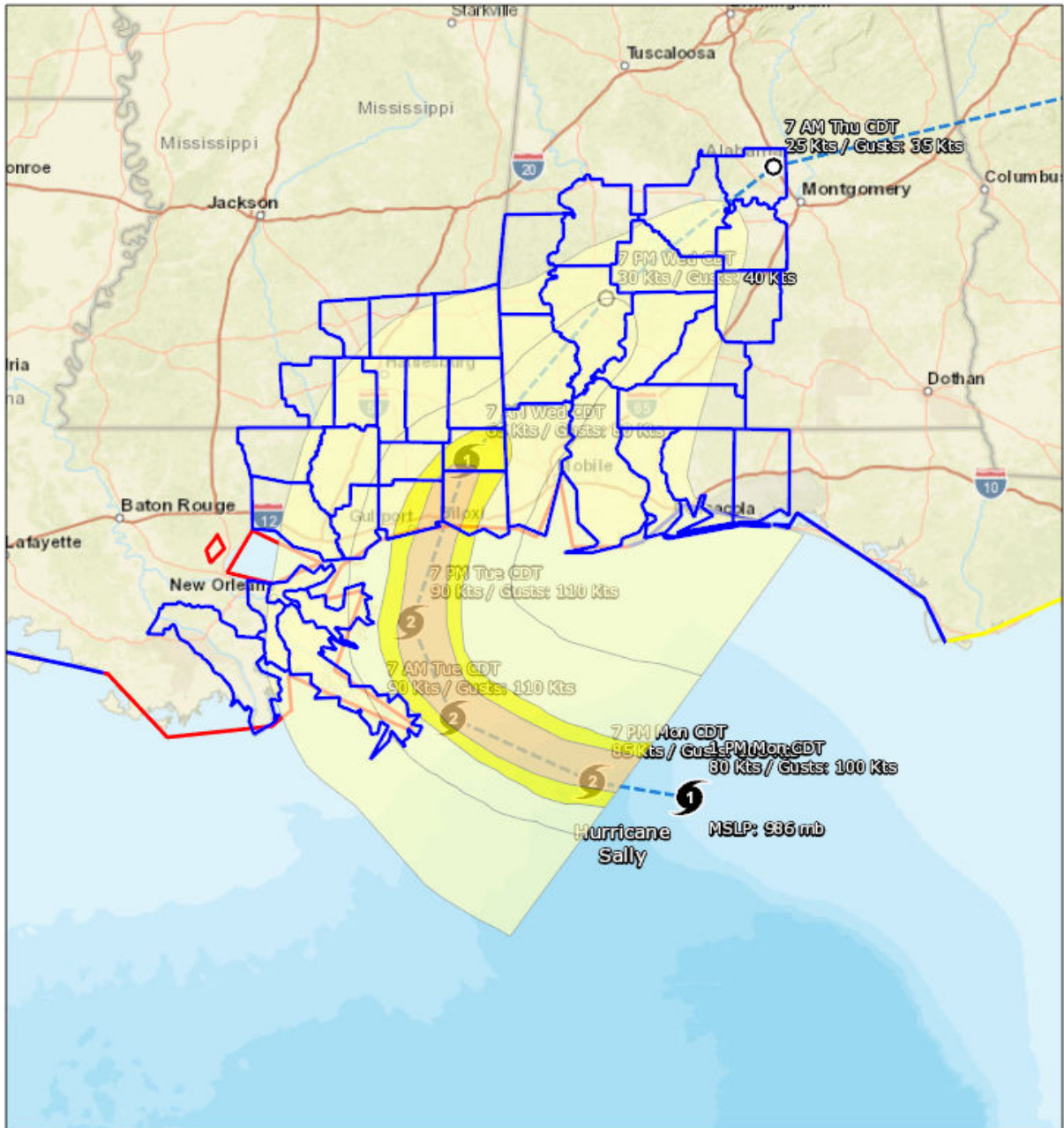
By County



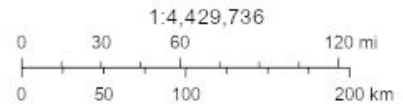
Structures

By Intensity





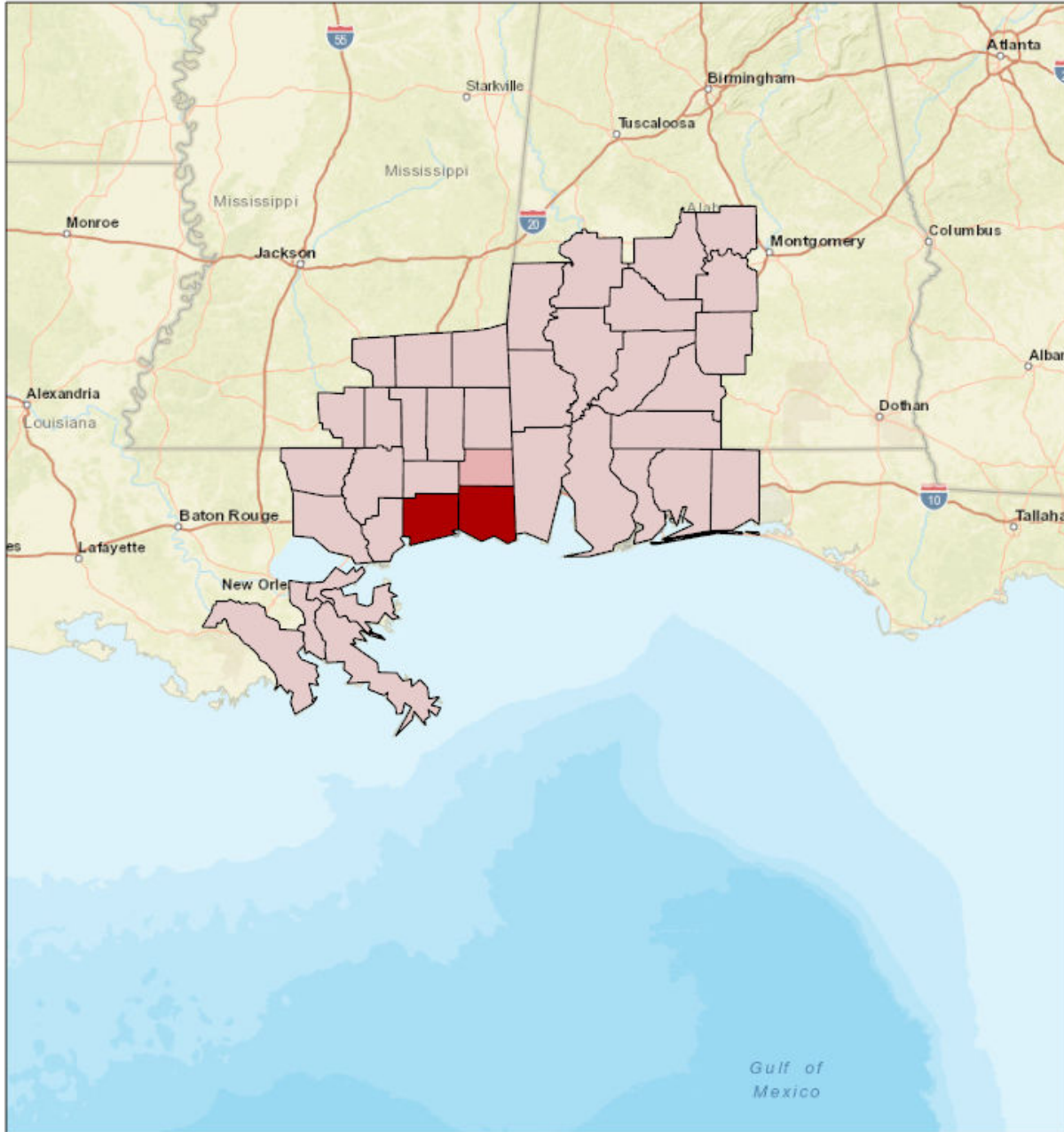
- ▭ Counties
- Mission Model Swaths
 - TS
 - Cat 1
 - Cat 2
- - - 120-hr Forecast Track Line





Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community, NOAA/NOS/OCSS now COAST, NOAA/NWS/NHC, NOAA/NWS/CPHC

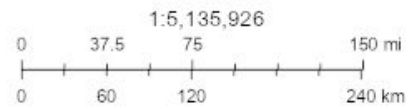
Created by SimSuite

Debris



Debris

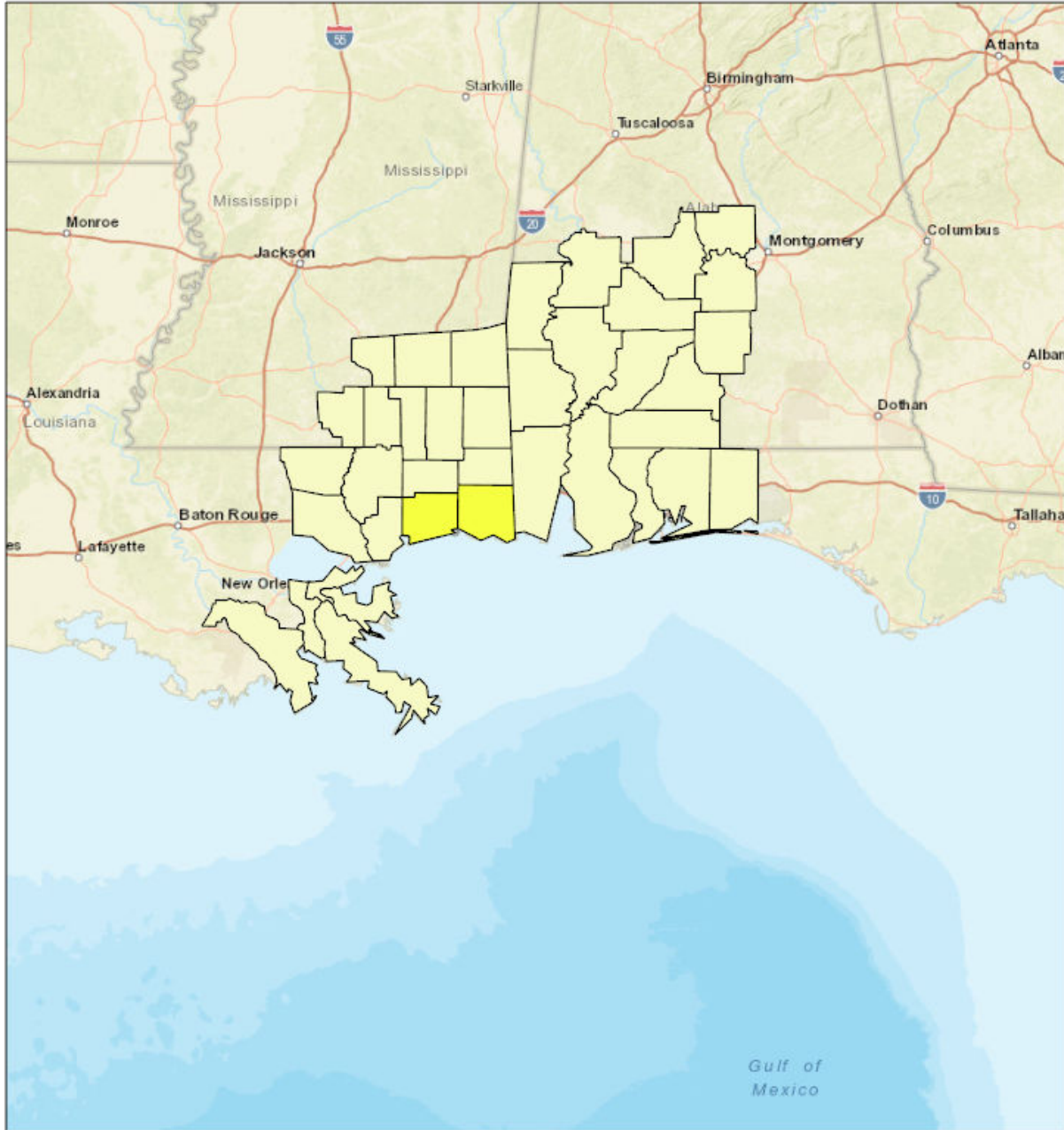
-  < 100,000 cubic yards
-  100,000 - 249,000 cubic yards





Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

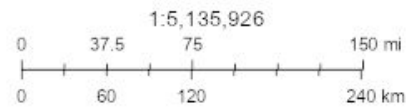
Created by SimSuite

Temporary Roofing



Debris

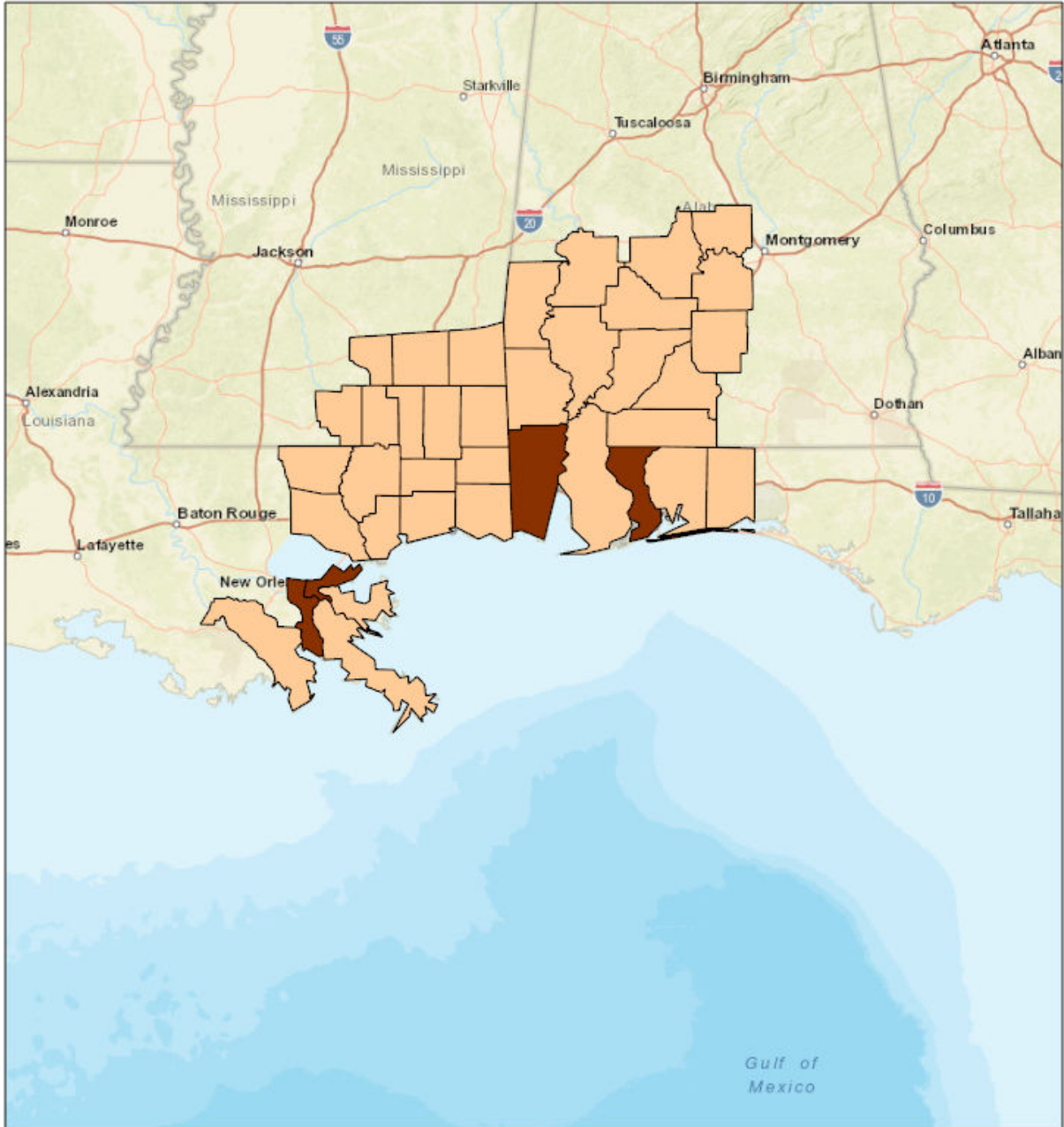
-  < 2,000 units
-  2,000 - 3,999 units



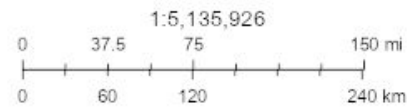
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



Households



Debris



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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	38
Debris (cu. yd.)	2,791,415
Temporary Roofing (units)	4,918
Population	2,982,113.925
Households	1,137,330.336

Population Distribution	
Tropical Storm	2,742,867
Category 1	139,129
Category 2	100,108

ALABAMA	Yards of Debris (55,359)	Roof Units (128)	Population (788,645)	Households (282,308)
Autauga	0	0	422	130
Baldwin	0	0	186,407	55,336
Butler	0	0	4,825	2,010
Choctaw	0	0	4,180	1,857
Clarke	0	0	26,558	10,577
Conecuh	0	0	13,266	5,792
Dallas	0	0	42,841	17,841
Escambia	0	0	37,531	14,297
Lowndes	0	0	4,530	1,730
Marengo	0	0	4,111	1,693
Mobile	55,359	128	410,236	150,180
Monroe	0	0	23,425	9,383
Washington	0	0	17,370	6,705
Wilcox	0	0	12,943	4,776

FLORIDA	Yards of Debris (0)	Roof Units (0)	Population (385,280)	Households (132,294)
Escambia	0	0	314,018	111,049
Okaloosa	0	0	7,499	2,590
Santa Rosa	0	0	63,762	18,655

LOUISIANA	Yards of Debris (202)	Roof Units (0)	Population (1,100,161)	Households (472,487)
Jefferson	0	0	435,334	176,234
Lafourche	0	0	2,853	975
Orleans	0	0	351,222	188,251
Plaquemines	202	0	25,106	9,021
St. Bernard	0	0	37,764	25,123
St. Tammany	0	0	237,867	69,253
Washington	0	0	10,015	3,630

MISSISSIPPI	Yards of Debris (2,735,853)	Roof Units (4,790)	Population (708,028)	Households (250,241)
Covington	0	0	1,345	465
Forrest	0	0	81,072	27,184
George	111,507	240	22,071	6,743
Greene	640	1	13,961	4,149
Hancock	0	0	40,491	16,897
Harrison	1,379,509	2,439	183,029	71,542
Jackson	1,229,519	2,077	135,361	47,664
Jones	0	0	67,770	24,275
Lamar	0	0	49,820	14,396
Marion	0	0	5,096	1,823
Pearl River	0	0	58,832	18,078
Perry	0	0	12,241	4,420
Stone	14,678	32	16,213	4,748
Wayne	0	0	20,726	7,857

COVID-19

#	County	Cases
1	Jefferson	17,023
2	Mobile	12,528
3	Orleans	12,169
4	Escambia	11,867
5	St. Tammany	6,637
6	Santa Rosa	5,126
7	Baldwin	4,781
8	Okaloosa	4,620
9	Harrison	3,619
10	Lafourche	3,435
11	Jackson	3,290
12	Jones	2,293
13	Forrest	2,277
14	Walton	1,812
15	Washington	1,561
16	Lamar	1,536
17	Dallas	1,475
18	Autauga	1,442
19	St. Bernard	1,328
20	Escambia	1,300
21	Clarke	935
22	Butler	866
23	Wayne	863
24	Marion	823
25	Pearl River	822
26	Covington	774
27	George	729
28	Plaquemines	662
29	Marengo	660
30	Lowndes	604
31	Hancock	538
32	Washington	507
33	Wilcox	480
34	Monroe	445
35	Conecuh	444
36	Perry	374
37	Stone	341
38	Choctaw	331
39	Greene	326

Critical Infrastructure

Summary			
Total Critical Facilities		498	
Power Requirements (kW)		13,745.1	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (6)	0.3	35 - 75	16.5
Cellular Towers (27)	16.2	35 - 75	891.0
FM Antennas (17)	0.9	35 - 75	46.8
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (19)	0.0	200 - 300	0.0
Public Schools (83)	24.9	200 - 300	6,225.0
Colleges and Universities (5)	0.1	200 - 300	25.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (62)	6.2	15 - 35	155.0
Fire Stations (67)	6.7	15 - 35	167.5
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (23)	3.4	35 - 100	232.9
Hospitals (7)	2.1	800 - 2000	2,940.0
Urgent Care Facilities (7)	1.4	200 - 300	350.0
Military	# FED Gen Req	Range (kW)	Req kW
Air National Guard (ANG) Sites (1)	0.0	15 - 35	0.0
Army National Guard (ARNG) Sites (8)	0.0	15 - 35	0.0
National Security Government Military Facilities (84)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (3)	0.6	400 - 600	300.0
Local Police (7)	0.7	15 - 35	17.5
State Police (3)	0.2	15 - 35	3.8
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (3)	0.6	15 - 40	16.5
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 (30)	0.0	600 - 1200	0.0
Amtrak Stations (2)	0.0	100 - 300	0.0
Bus Stations (10)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (4)	0.0	100 - 300	0.0
Railroad Stations (2)	0.0	100 - 300	0.0
Public-Use Airports (14)	1.7	40 - 100	117.6

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (4)	1.6	800 - 2000	2,240.0

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