



US Army Corps
of Engineers®
BUILDING STRONG®

Tropical Cyclone Sally Adv. #11

For Planning Purposes Only!

WASHINGTON, DC
07:45:42
14 Sep 2020

CHICAGO
06:45:42
14 Sep 2020

LOS ANGELES
04:45:42
14 Sep 2020

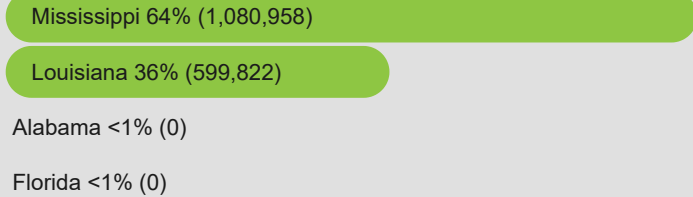
<https://go.usa.gov/xG9uH>

Updated as of 14 Sep 2020 (6:45 AM Central Daylight Time)



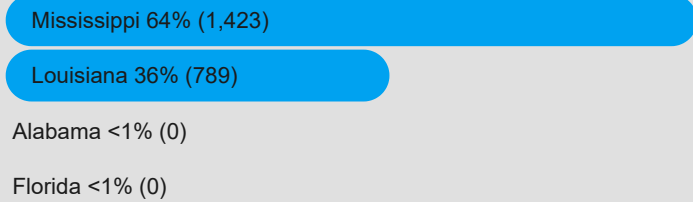
Debris

1,680,780
cu. yd.



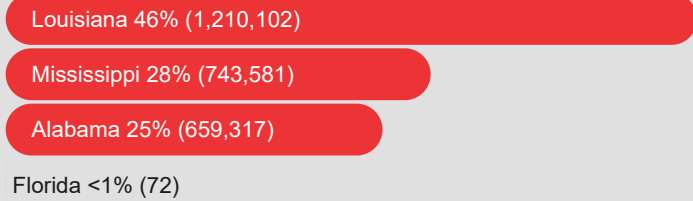
Temporary Roofing

2,212
units



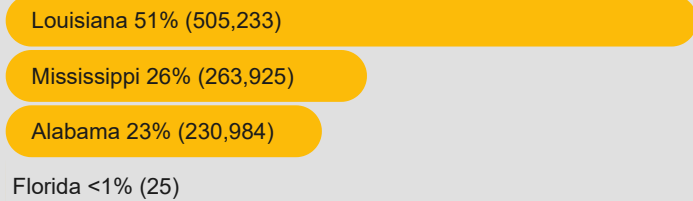
Population

2,613,071
people



Households

1,000,168
households



Critical Infrastructure Summary

Total

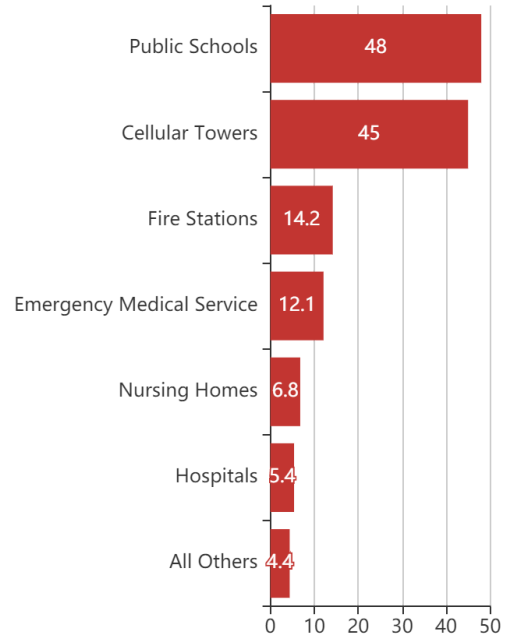


Power Requirements



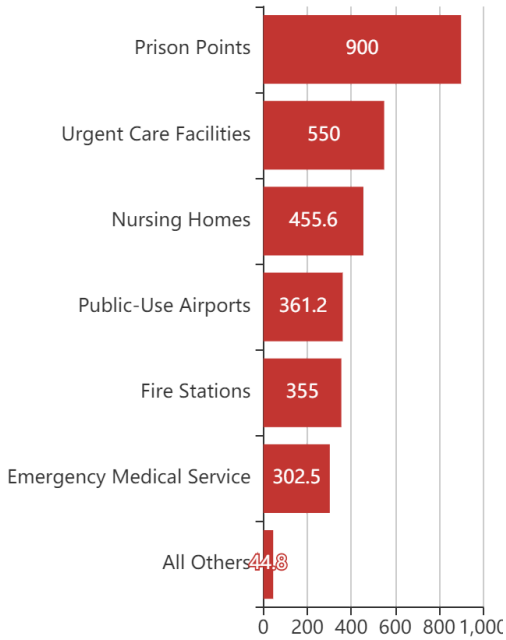
Generators

By Generator Count



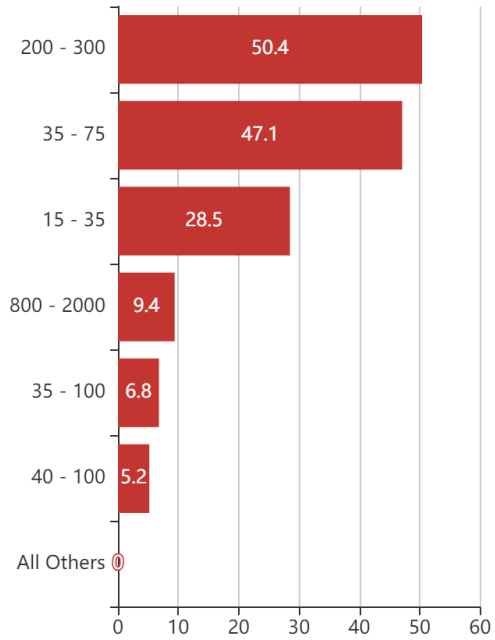
Generators

By Power Requirement



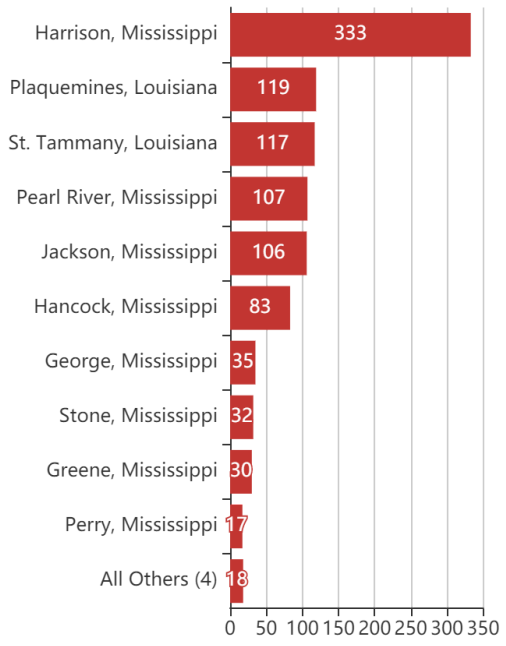
Generators

By Range



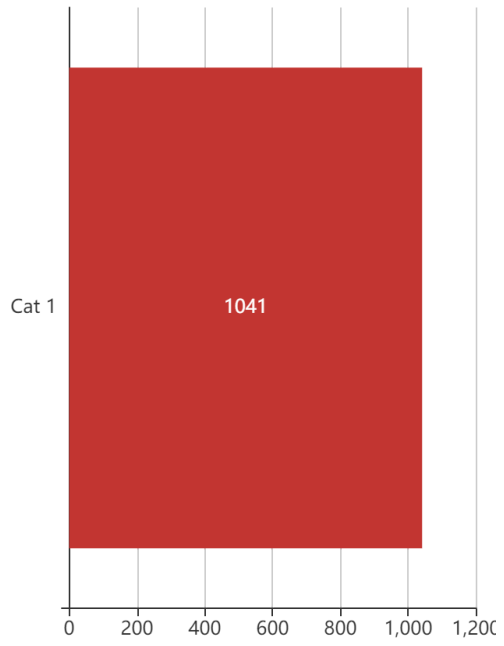
Structures

By County



Structures

By Intensity





Key Messages for Tropical Storm Sally

Advisory 11: 4:00 AM CDT Mon Sep 14, 2020

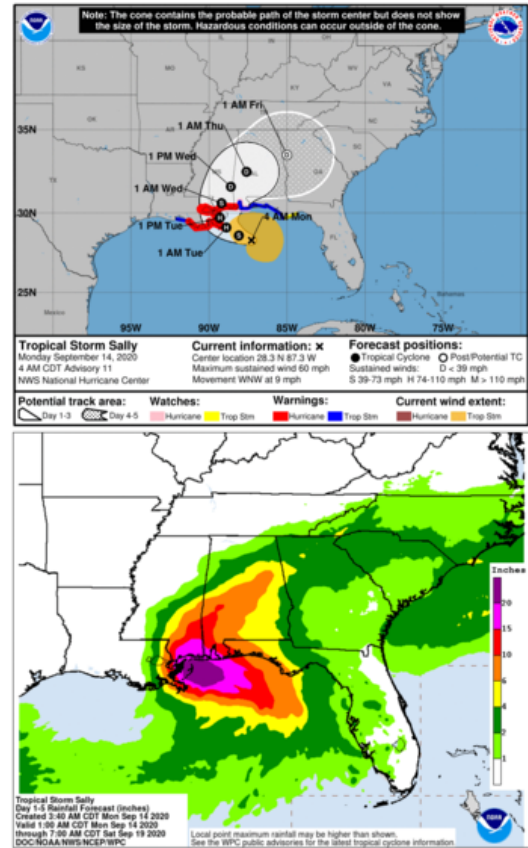


1. It is too early to determine where Sally's center will move onshore given the uncertainty in the timing and location of Sally's northward turn near the central Gulf Coast. Users should not focus on the details of the official forecast track, since NHC's average forecast error at 48 hours is around 80 miles, and dangerous storm surge, rainfall, and wind hazards will extend well away from the center.

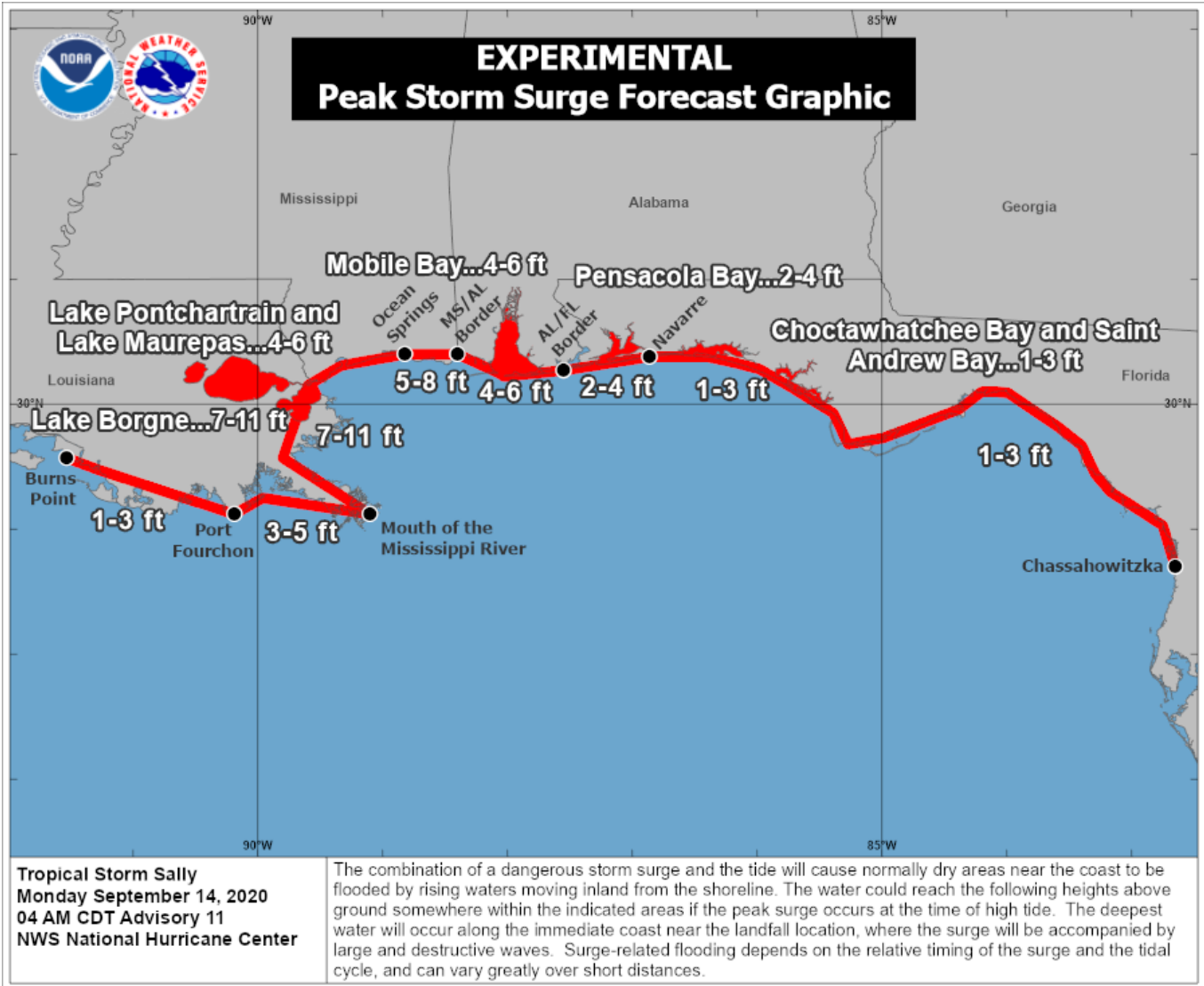
2. An extremely dangerous and life-threatening storm surge is expected for areas outside the southeastern Louisiana Hurricane and Storm Damage Risk Reduction System from Port Fourchon, Louisiana, to the Alabama/Florida border, where a Storm Surge Warning is in effect. Residents in these areas should follow any advice given by local officials.

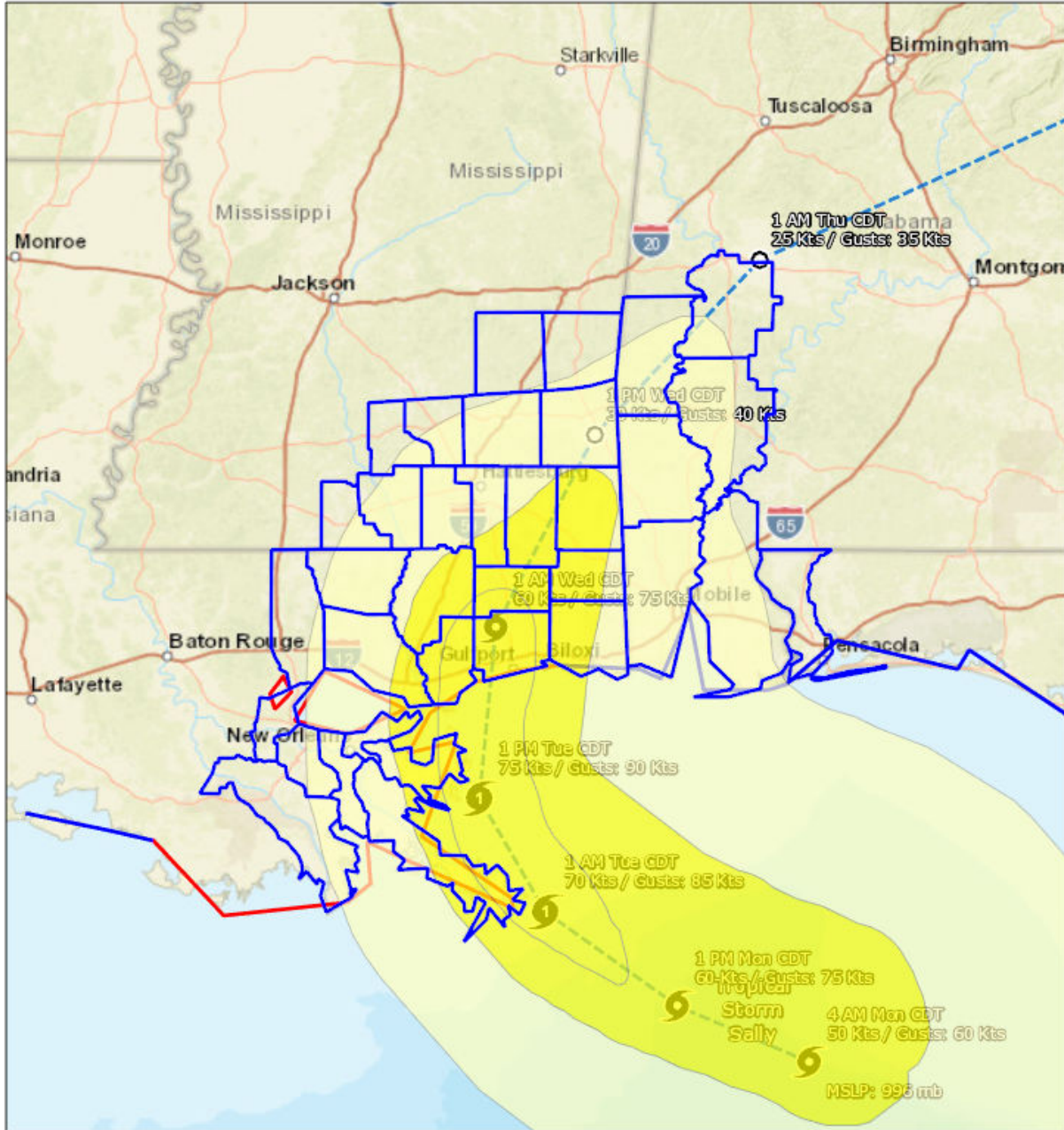
3. Hurricane conditions are expected by late today within portions of the Hurricane Warning area from Morgan City, Louisiana, to the Mississippi/Alabama border, including Metropolitan New Orleans, with tropical storm conditions likely to begin by late this morning. Preparations should be rushed to completion in those areas.

4. Sally could continue to produce flash flooding across central and northern Florida and prolong existing minor river flooding across west-central Florida through today. Widespread significant flash flooding and minor to isolated major river flooding is likely across southeastern Louisiana, Mississippi, and Alabama through the middle of the week. Flooding impacts are expected to spread farther across the Southeast U.S. through the week.

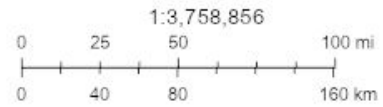


For more information go to hurricanes.gov





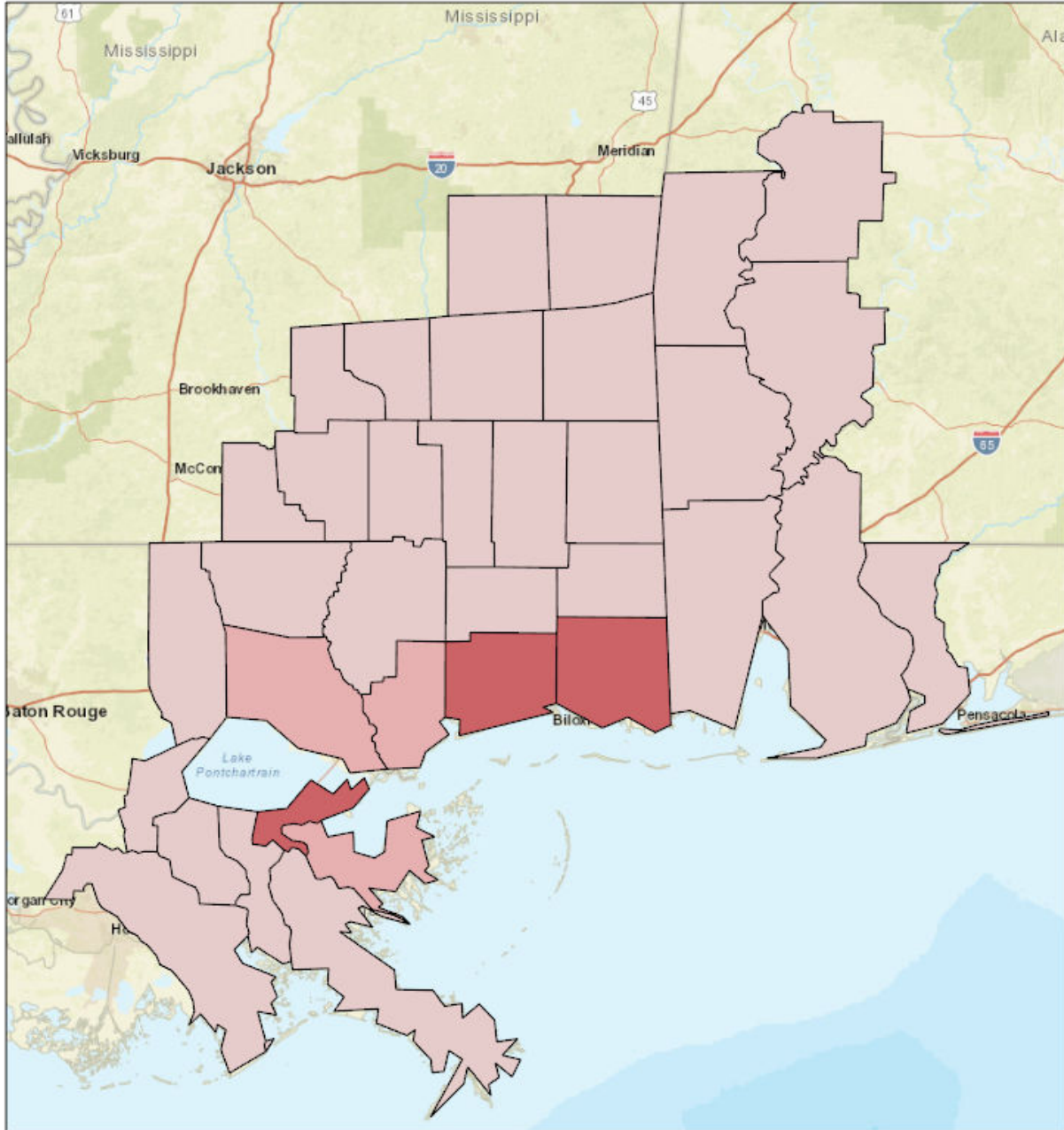
- Counties
- Mission Model Swaths
 - TS
 - Cat 1
- 120-hr Forecast Track Line






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

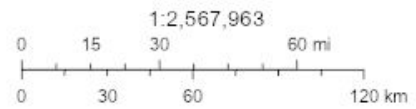
Created by SimSuite

Debris



Debris

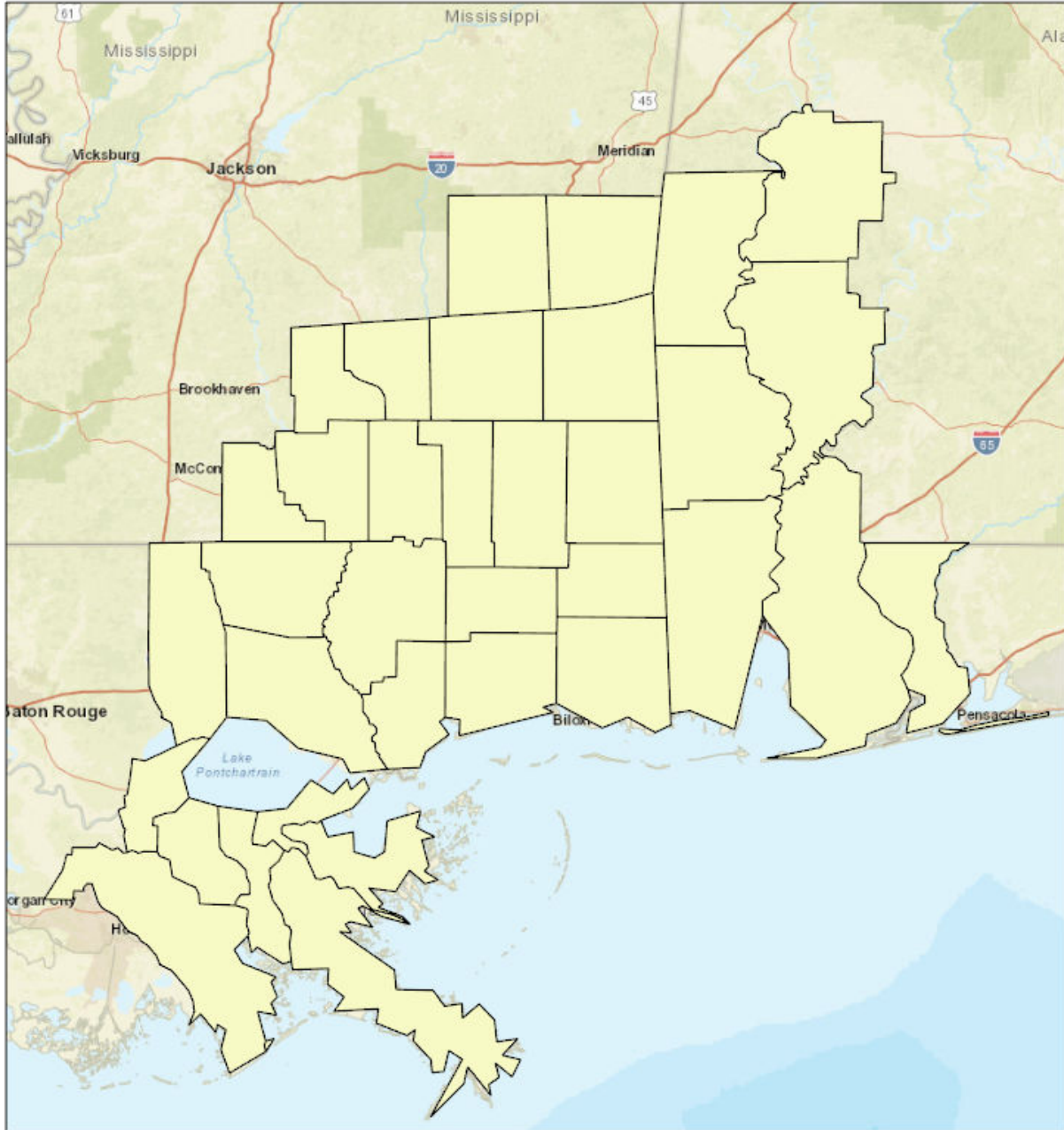
-  < 100,000 cubic yards
-  100,000 - 249,000 cubic yards
-  250,000 - 499,999 cubic yards



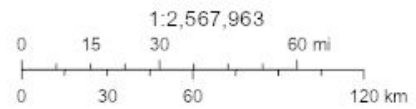
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Temporary Roofing



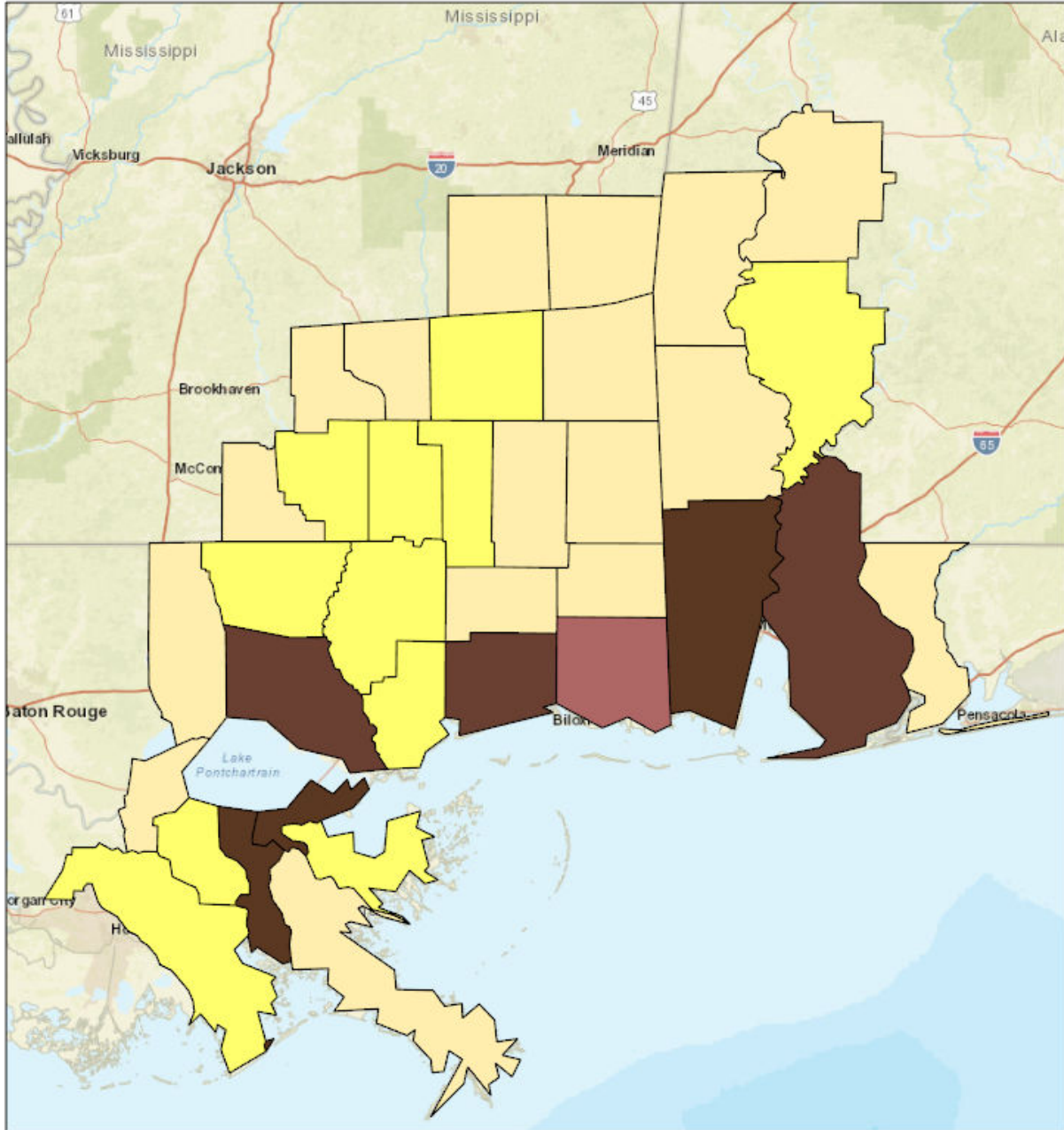
Debris
[Yellow Box] < 2,000 units



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

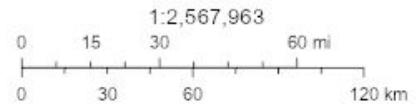
Created by SimSuite

Population



Debris

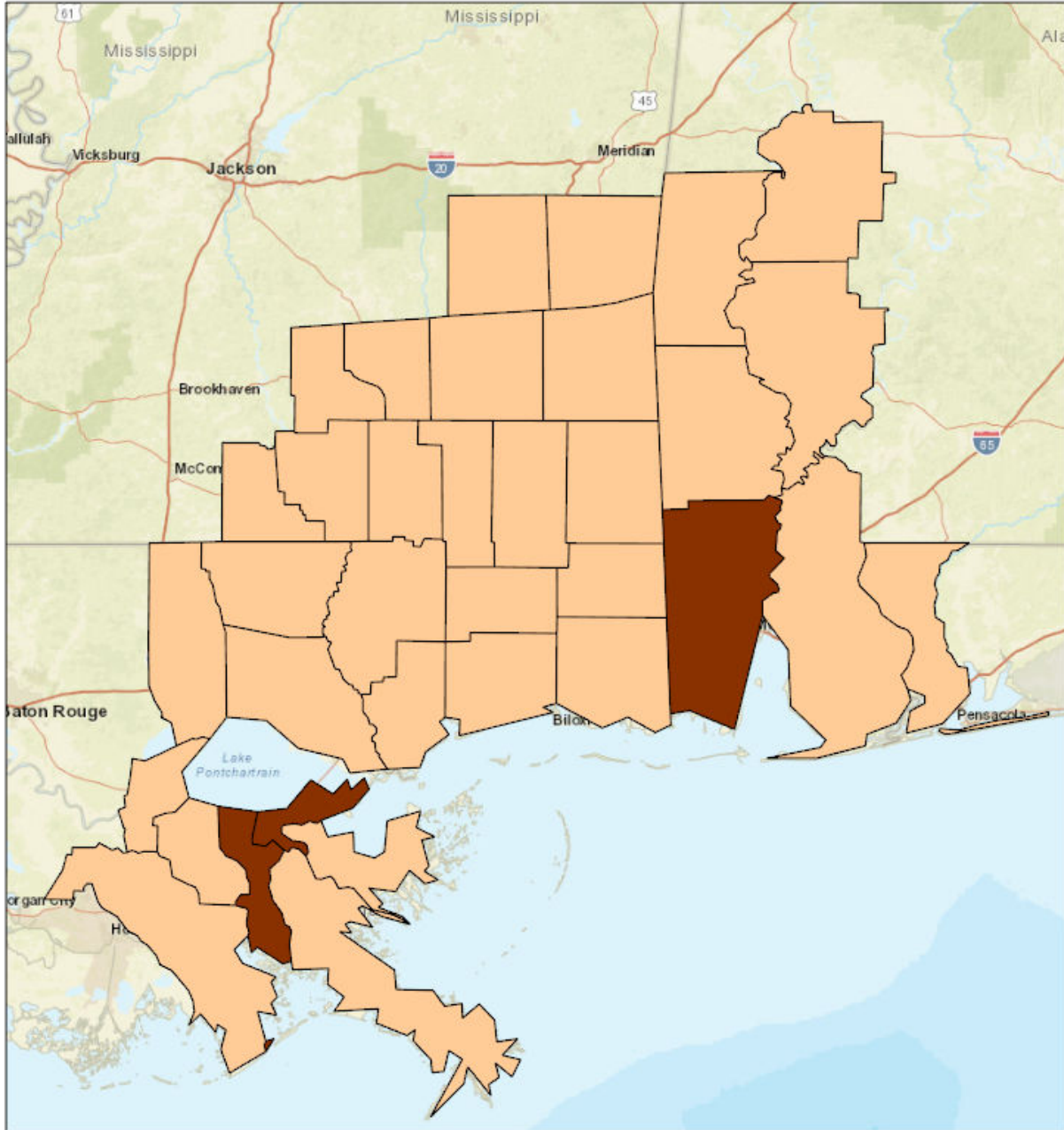
- < 25,000 persons
- 25,000 - 99,000 persons
- 100,000 - 174,999 persons
- 175,000 - 249,000 persons



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

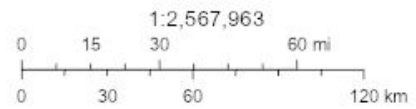
Created by SimSuite

Households



Debris

- < 7,500 Households
- 15,000 - 24,999 Households
- 25,000 - 49,999 Households



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

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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	35
Debris (cu. yd.)	1,680,780
Temporary Roofing (units)	2,212
Population	2,613,070.803
Households	1,000,168.281

Population Distribution	
Tropical Storm	1,913,058
Category 1	674,138

ALABAMA	Yards of Debris (0)	Roof Units (0)	Population (659,317)	Households (230,984)
Baldwin	0	0	186,407	55,336
Choctaw	0	0	14,318	6,363
Clarke	0	0	26,560	10,578
Marengo	0	0	4,428	1,823
Mobile	0	0	410,234	150,179
Washington	0	0	17,370	6,705

FLORIDA	Yards of Debris (0)	Roof Units (0)	Population (72)	Households (25)
Escambia	0	0	72	25

LOUISIANA	Yards of Debris (599,822)	Roof Units (789)	Population (1,210,102)	Households (505,233)
Jefferson	0	0	435,334	176,234
Lafourche	0	0	25,511	8,719
Orleans	351,474	463	351,220	188,250
Plaquemines	27,896	37	12,773	4,589
St. Bernard	115,440	152	28,548	18,992
St. Charles	0	0	52,742	16,422
St. John the Baptist	0	0	640	191
St. Tammany	105,012	138	237,870	69,254
Tangipahoa	0	0	20,036	6,115
Washington	0	0	45,429	16,467

MISSISSIPPI	Yards of Debris (1,080,958)	Roof Units (1,423)	Population (743,581)	Households (263,925)
Clarke	0	0	4,033	1,597
Covington	0	0	20,622	7,126
Forrest	55,135	73	81,070	27,183
George	40,980	54	22,068	6,742
Greene	25,213	33	13,959	4,148
Hancock	102,706	135	40,492	16,897
Harrison	434,833	572	183,018	71,538
Jackson	289,791	381	135,395	47,676
Jasper	0	0	311	114
Jefferson Davis	0	0	3,372	1,327
Jones	0	0	67,770	24,275
Lamar	1,017	1	49,820	14,396
Marion	0	0	26,089	9,336
Pearl River	75,558	99	40,453	12,431
Perry	26,866	35	12,241	4,420
Stone	28,859	38	16,213	4,748
Walthall	0	0	5,929	2,115
Wayne	0	0	20,726	7,857

Critical Infrastructure

Summary			
Total Critical Facilities		1,041	
Power Requirements (kW)		30,827.7	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (11)	0.6	35 - 75	30.3
Cellular Towers (75)	45.0	35 - 75	2,475.0
FM Antennas (29)	1.5	35 - 75	79.8
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (33)	0.0	200 - 300	0.0
Public Schools (160)	48.0	200 - 300	12,000.0
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 (121)	12.1	15 - 35	302.5
Fire Stations (142)	14.2	15 - 35	355.0
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (45)	6.8	35 - 100	455.6
Hospitals (18)	5.4	800 - 2000	7,560.0
Urgent Care Facilities (11)	2.2	200 - 300	550.0
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 (13)	0.0	15 - 35	0.0
National Security Government Military Facilities (118)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (9)	1.8	400 - 600	900.0
Local Police (20)	2.0	15 - 35	50.0
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 (9)	1.8	15 - 40	49.5
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 (1)	0.1	100 - 200	15.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (134)	0.0	600 - 1200	0.0
Amtrak Stations (5)	0.0	100 - 300	0.0
Bus Stations (13)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (4)	0.0	100 - 300	0.0
Railroad Stations (5)	0.0	100 - 300	0.0
Public-Use Airports (43)	5.2	40 - 100	361.2

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (10)	4.0	800 - 2000	5,600.0

COVID-19

#	County	Cases
1	Jefferson	16,974
2	Mobile	12,478
3	Orleans	12,125
4	Escambia	11,818
5	St. Tammany	6,578
6	Baldwin	4,752
7	Tangipahoa	4,255
8	Harrison	3,607
9	Lafourche	3,404
10	Jackson	3,285
11	Jones	2,288
12	Forrest	2,272
13	St. Charles	1,720
14	St. John the Baptist	1,556
15	Washington	1,550
16	Lamar	1,535
17	St. Bernard	1,317
18	Clarke	935
19	Wayne	863
20	Marion	820
21	Pearl River	819
22	Covington	774
23	George	726
24	Plaquemines	657
25	Marengo	656
26	Walthall	579
27	Hancock	537
28	Jasper	522
29	Clarke	507
30	Washington	506
31	Perry	373
32	Stone	341
33	Choctaw	328
34	Greene	325
35	Jefferson Davis	313