



US Army Corps  
of Engineers®  
BUILDING STRONG®

# Hurricane Sally Adv. #14

For Planning Purposes Only!

WASHINGTON, DC  
19:38:58  
14 Sep 2020

CHICAGO  
18:38:58  
14 Sep 2020

LOS ANGELES  
16:38:58  
14 Sep 2020

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

Updated as of 14 Sep 2020 (7:38 PM Eastern Daylight Time)



## Debris

3,413,084  
cu. yd.

Alabama 51% (1,742,258)

Mississippi 49% (1,670,825)

Florida <1% (0)

Louisiana <1% (0)



## Temporary Roofing

4,111  
units

Alabama 54% (2,232)

Mississippi 46% (1,879)

Florida <1% (0)

Louisiana <1% (0)



## Population

2,844,482  
people

Alabama 38% (1,073,272)

Florida 23% (655,528)

Mississippi 21% (603,115)

Louisiana 18% (512,567)



## Households

1,067,055  
households

Alabama 36% (384,474)

Louisiana 24% (251,065)

Florida 21% (221,100)

Mississippi 20% (210,417)

# Critical Infrastructure Summary

## Total

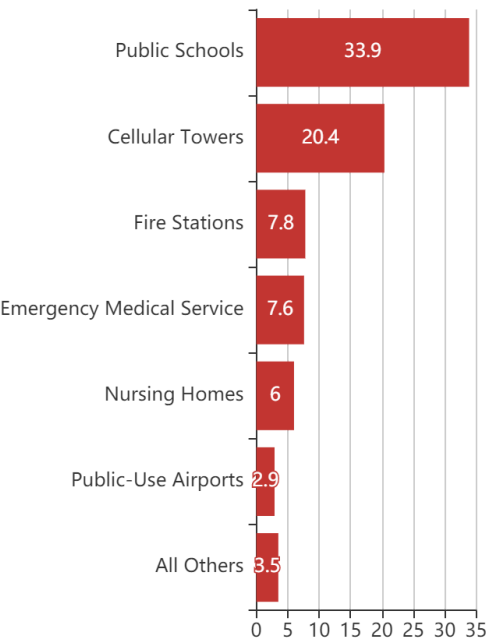


## Power Requirements



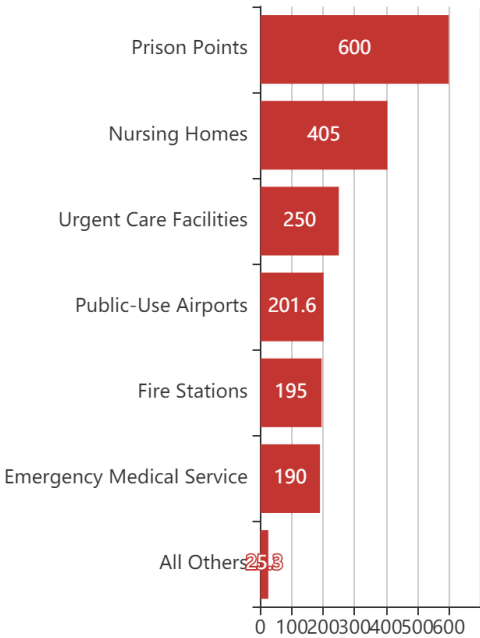
## Generators

By Generator Count



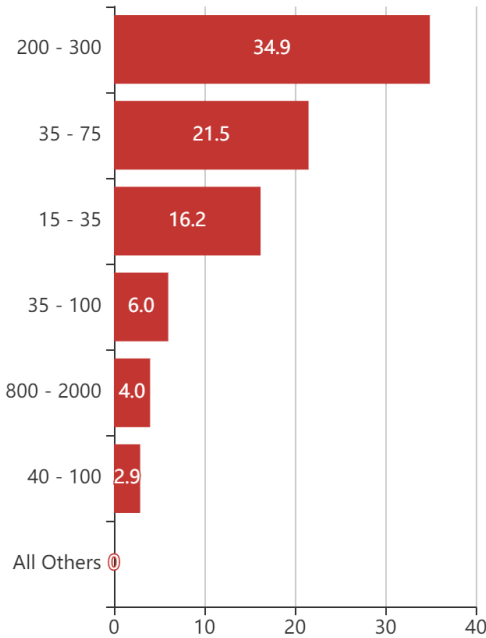
## Generators

By Power Requirement



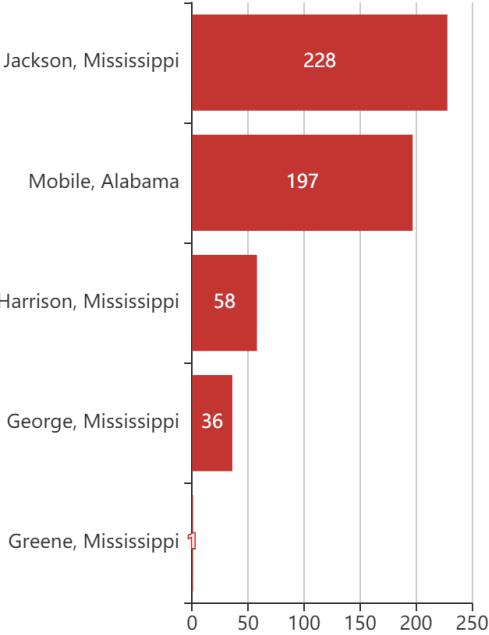
## Generators

By Range



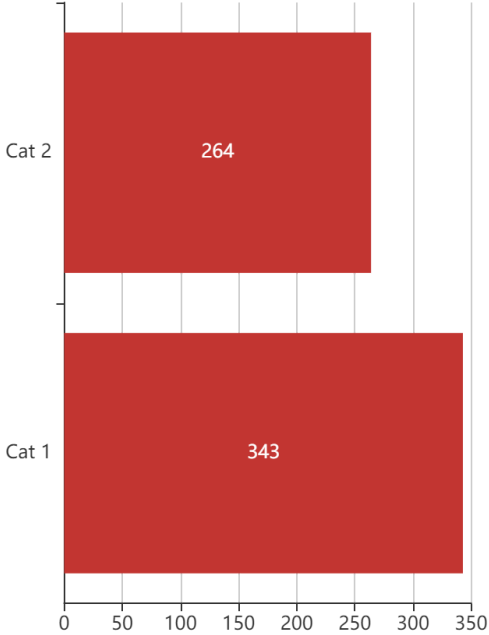
# Structures

By County



# Structures

By Intensity



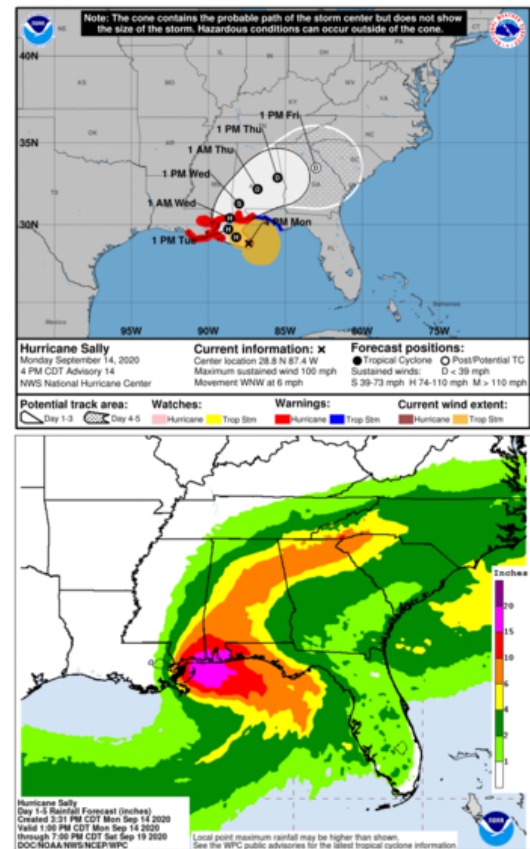


# Key Messages for Hurricane Sally

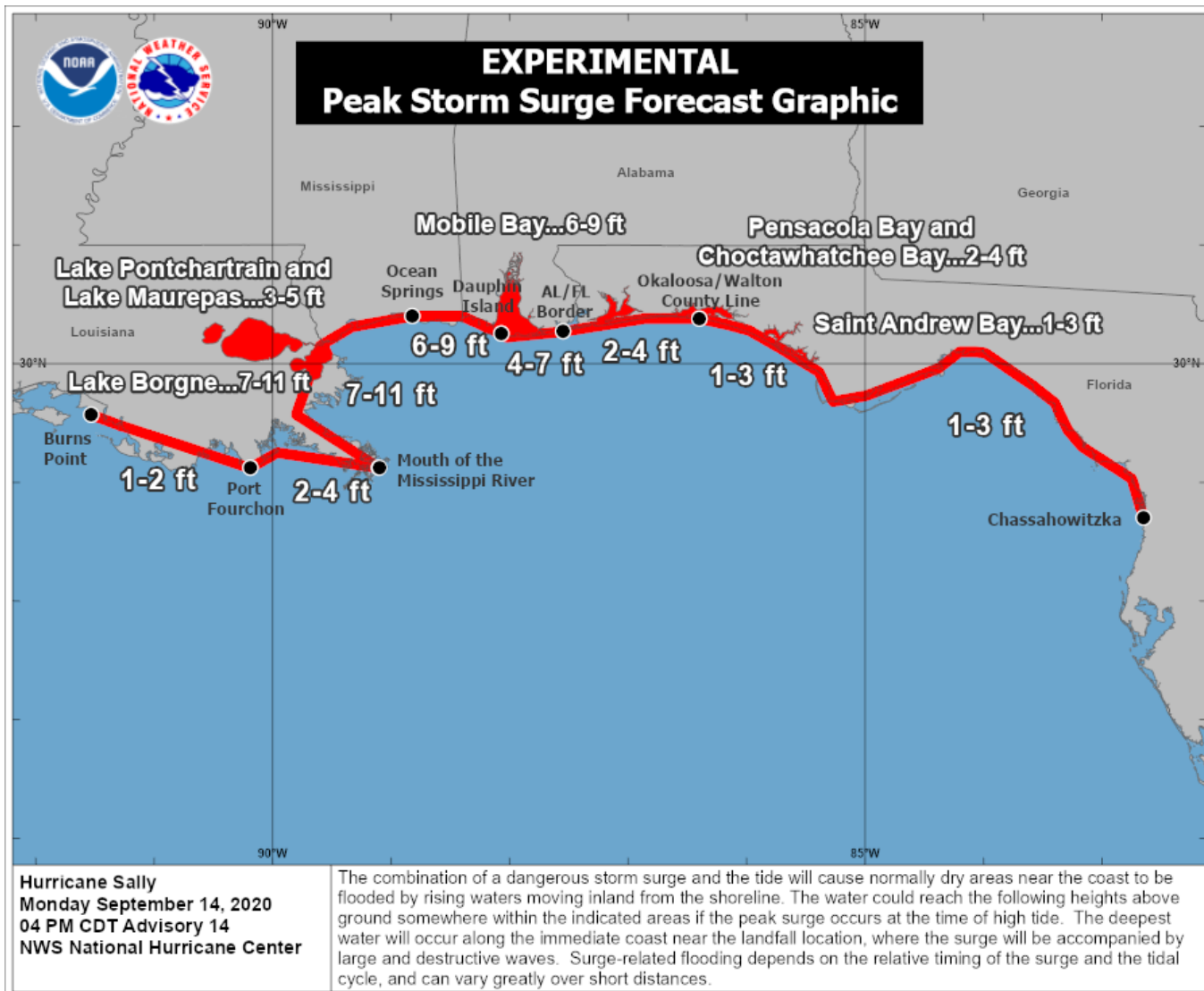
## Advisory 14: 4:00 PM CDT Mon Sep 14, 2020

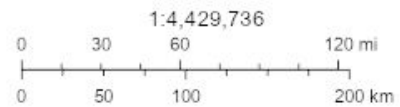
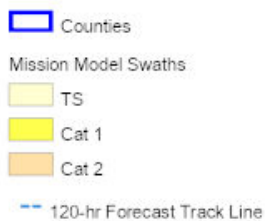
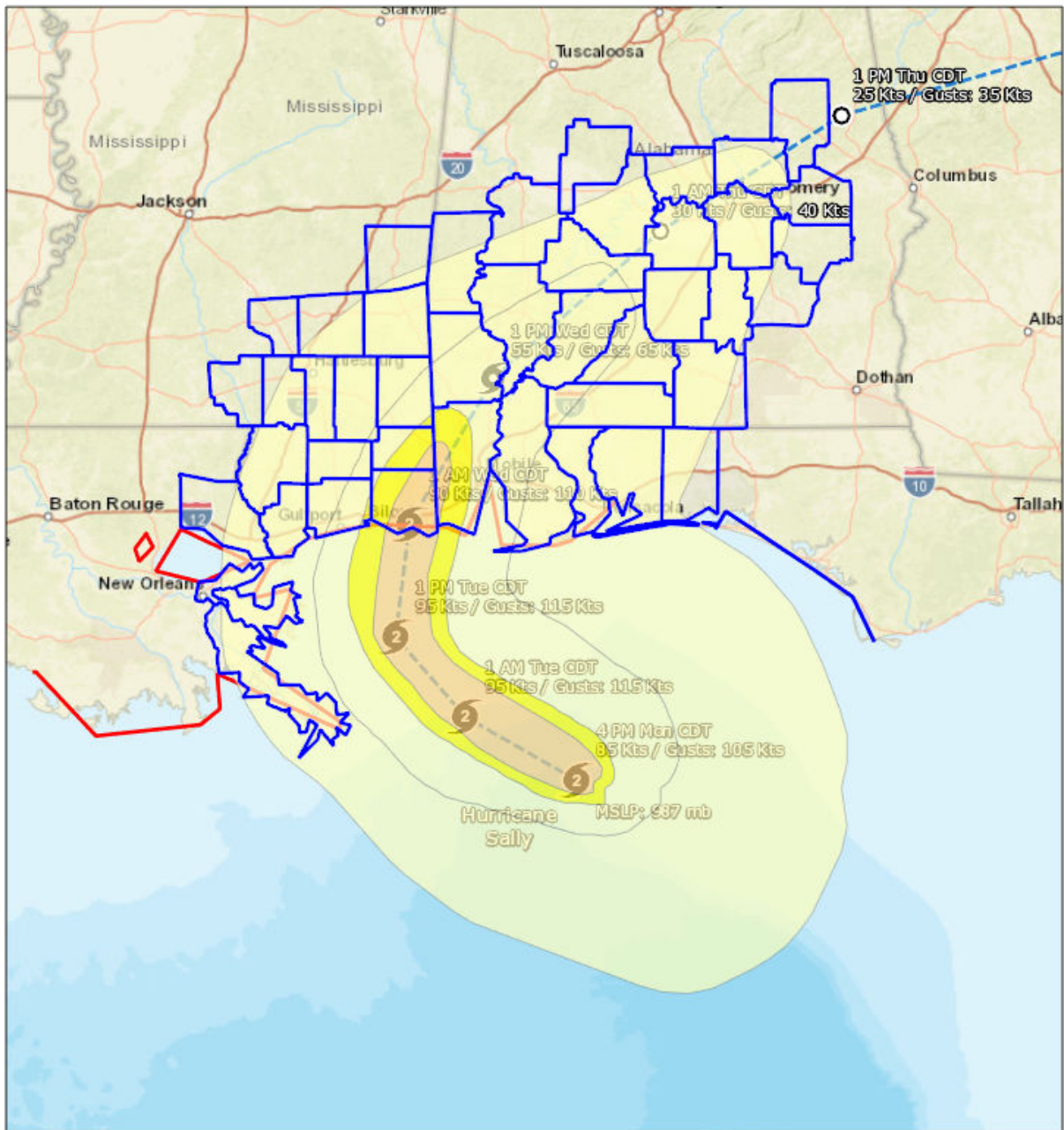


1. It is too early to determine where Sally's center will move onshore given the uncertainty in the timing and location of Sally's northward turn near the central Gulf Coast. Users should not focus on the details of the official forecast track, since NHC's average forecast error at 36 to 48 hours is around 60 to 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 Okaloosa/Walton County Line in the Florida Panhandle, 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 late tonight or early Tuesday within the Hurricane Warning area in southeastern Louisiana and are expected by late Tuesday and Tuesday night within the Hurricane Warning area along the Mississippi and Alabama coastlines and the western Florida Panhandle. Tropical storm conditions are likely to begin this evening in these areas and preparations should be rushed to completion.
4. Life-threatening flash flooding is likely, as well as widespread minor to isolated major flooding, on area rivers along and just inland of the Central Gulf Coast. Significant flash and urban flooding, as well as widespread minor to moderate river flooding is likely across Mississippi and Alabama through the middle of the week. Flooding impacts are expected to spread farther across the Southeast through the week. Sally could continue to produce flash flooding across the Florida peninsula and prolong existing minor river flooding across west-central Florida through today.



For more information go to [hurricanes.gov](https://hurricanes.gov)

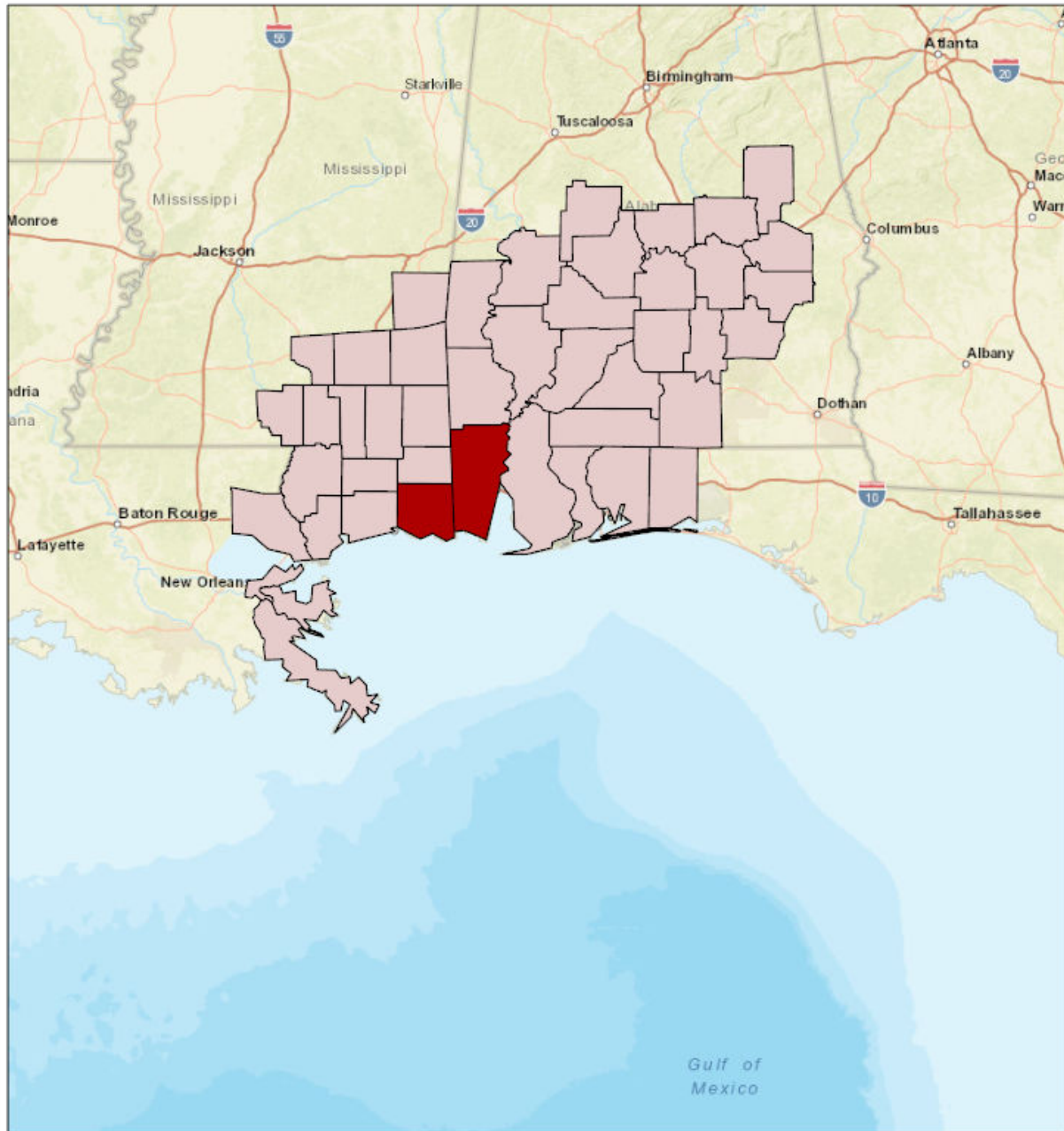





Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Created by SimSuite

# Debris



Debris

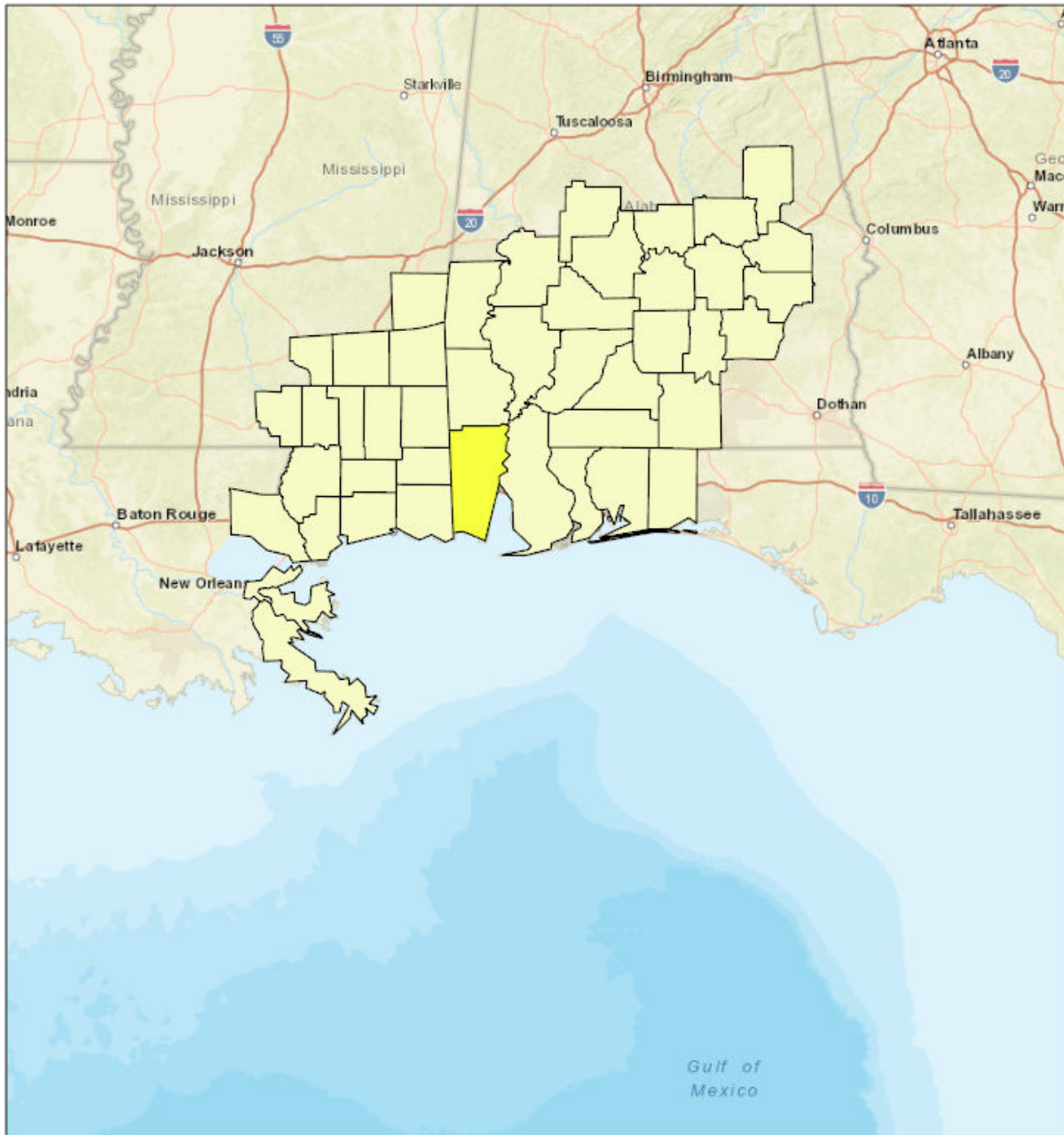
 < 100,000 cubic yards

1:5,135,926  
0 37.5 75 150 mi  
0 60 120 240 km

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



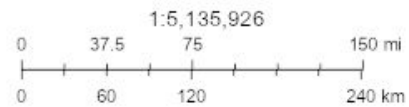
Debris



< 2,000 units



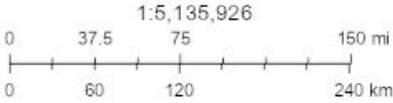
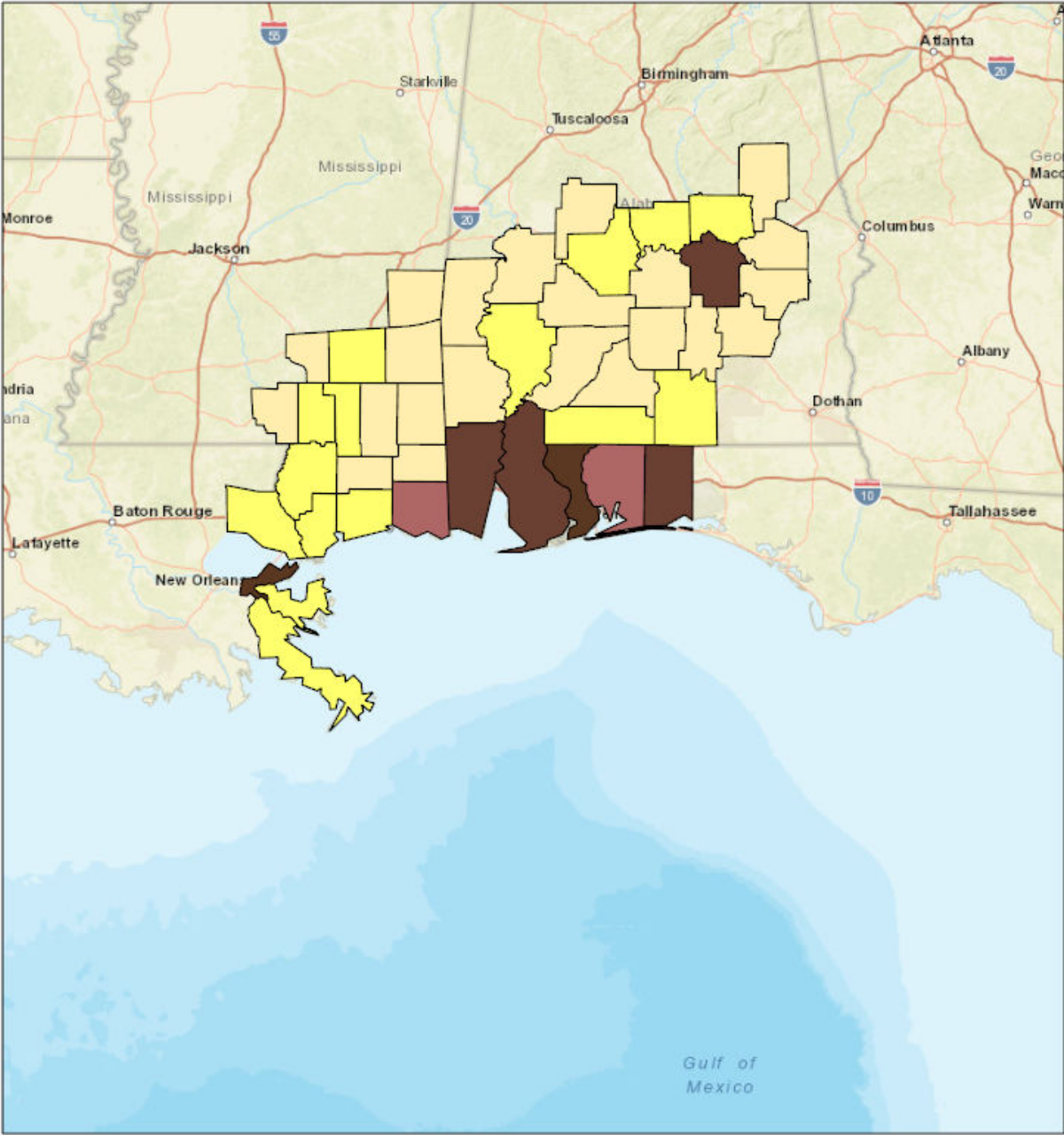
2,000 - 3,999 units



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

Created by SimSuite

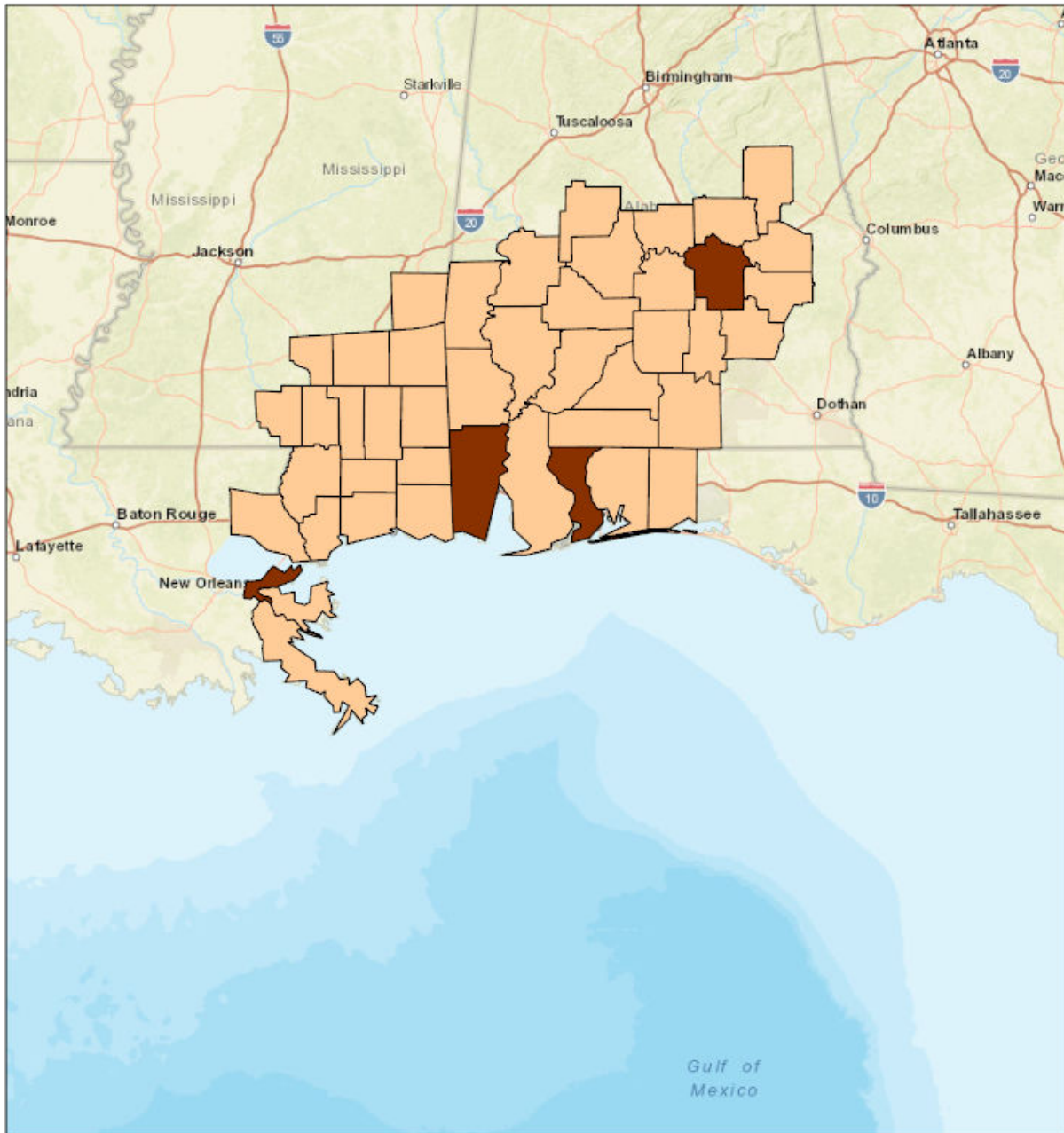
Population



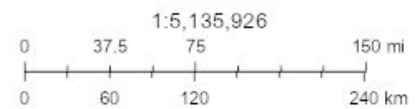
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Created by SimSuite

# Households



## Debris



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

## 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	45
Debris (cu. yd.)	3,413,084
Temporary Roofing (units)	4,111
Population	2,844,481.888
Households	1,067,055.458

Population Distribution	
Tropical Storm	2,415,361
Category 1	160,398
Category 2	112,824

ALABAMA	Yards of Debris (1,742,258)	Roof Units (2,232)	Population (1,073,272)	Households (384,474)
Autauga	0	0	51,766	16,003
Baldwin	0	0	186,407	55,336
Bullock	0	0	1,544	563
Butler	0	0	20,159	8,398
Choctaw	0	0	14,318	6,363
Clarke	0	0	26,560	10,578
Conecuh	0	0	13,272	5,795
Covington	0	0	36,768	15,640
Crenshaw	0	0	13,812	5,577
Dallas	0	0	42,841	17,841
Elmore	0	0	80,859	22,737
Escambia	0	0	37,518	14,292
Lowndes	0	0	12,852	4,909
Macon	0	0	3,038	1,210
Marengo	0	0	9,699	3,994
Mobile	1,742,258	2,232	234,222	85,744
Monroe	0	0	23,425	9,383
Montgomery	0	0	227,425	86,068
Perry	0	0	94	38
Pike	0	0	6,372	2,520
Tallapoosa	0	0	6	3
Washington	0	0	17,370	6,705
Wilcox	0	0	12,944	4,776

<b>FLORIDA</b>	<b>Yards of Debris (0)</b>	<b>Roof Units (0)</b>	<b>Population (655,528)</b>	<b>Households (221,100)</b>
Escambia	0	0	313,986	111,038
Okaloosa	0	0	191,856	66,269
Santa Rosa	0	0	149,686	43,793

<b>LOUISIANA</b>	<b>Yards of Debris (0)</b>	<b>Roof Units (0)</b>	<b>Population (512,567)</b>	<b>Households (251,065)</b>
Orleans	0	0	351,222	188,251
Plaquemines	0	0	25,106	9,021
St. Bernard	0	0	37,764	25,123
St. Tammany	0	0	98,475	28,670

MISSISSIPPI	Yards of Debris (1,670,825)	Roof Units (1,879)	Population (603,115)	Households (210,417)
Clarke	0	0	2,961	1,172
Covington	0	0	34	12
Forrest	0	0	81,069	27,183
George	77,979	101	13,030	3,981
Greene	1,538	2	13,961	4,149
Hancock	0	0	40,492	16,897
Harrison	47,595	73	94,970	37,122
Jackson	1,543,713	1,702	130,898	46,093
Jones	0	0	67,770	24,275
Lamar	0	0	49,820	14,396
Marion	0	0	99	35
Pearl River	0	0	58,831	18,078
Perry	0	0	12,241	4,420
Stone	0	0	16,213	4,748
Wayne	0	0	20,726	7,857

## COVID-19

#	County	Cases
1	Mobile	12,528
2	Orleans	12,169
3	Escambia	11,867
4	Montgomery	8,149
5	St. Tammany	6,637
6	Santa Rosa	5,126
7	Baldwin	4,781
8	Okaloosa	4,620
9	Harrison	3,619
10	Jackson	3,290
11	Jones	2,293
12	Forrest	2,277
13	Elmore	2,213
14	Lamar	1,536
15	Dallas	1,475
16	Autauga	1,442
17	St. Bernard	1,328
18	Escambia	1,300
19	Tallapoosa	956
20	Clarke	935
21	Pike	882
22	Butler	866
23	Wayne	863
24	Covington	842
25	Marion	823
26	Pearl River	822
27	Covington	774
28	George	729
29	Plaquemines	662
30	Marengo	660
31	Lowndes	604
32	Bullock	558
33	Hancock	538
34	Clarke	508
35	Washington	507
36	Perry	487
37	Wilcox	480
38	Monroe	445
39	Conecuh	444

40	Crenshaw	421
41	Macon	420
42	Perry	374
43	Stone	341
44	Choctaw	331
45	Greene	326

## Critical Infrastructure

Summary			
Total Critical Facilities		607	
Power Requirements (kW)		17,141.7	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (4)	0.2	35 - 75	11.0
Cellular Towers (34)	20.4	35 - 75	1,122.0
FM Antennas (17)	0.9	35 - 75	46.8
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (31)	0.0	200 - 300	0.0
Public Schools (113)	33.9	200 - 300	8,475.0
Colleges and Universities (2)	0.0	200 - 300	10.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (76)	7.6	15 - 35	190.0
Fire Stations (78)	7.8	15 - 35	195.0
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (40)	6.0	35 - 100	405.0
Hospitals (8)	2.4	800 - 2000	3,360.0
Urgent Care Facilities (5)	1.0	200 - 300	250.0
Military	# FED Gen Req	Range (kW)	Req kW
Air National Guard (ANG) Sites (0)	0.0	15 - 35	0.0
Army National Guard (ARNG) Sites (7)	0.0	15 - 35	0.0
National Security Government Military Facilities (63)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (6)	1.2	400 - 600	600.0
Local Police (7)	0.7	15 - 35	17.5
State Police (1)	0.1	15 - 35	1.3
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 (67)	0.0	600 - 1200	0.0
Amtrak Stations (2)	0.0	100 - 300	0.0
Bus Stations (11)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (2)	0.0	100 - 300	0.0
Railroad Stations (2)	0.0	100 - 300	0.0
Public-Use Airports (24)	2.9	40 - 100	201.6

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

Report Generated by SimSuite  
<https://go.usa.gov/xGXfz>