



US Army Corps  
of Engineers®  
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# Tropical Cyclone Sally Adv. #12

For Planning Purposes Only!

WASHINGTON, DC  
12:04:26  
14 Sep 2020

CHICAGO  
11:04:26  
14 Sep 2020

LOS ANGELES  
09:04:26  
14 Sep 2020

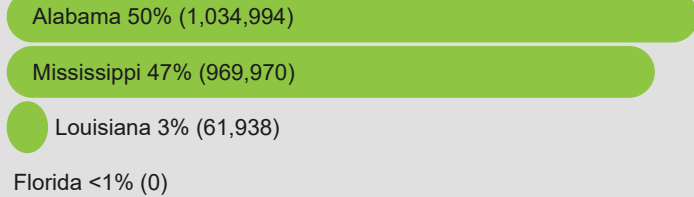
<https://go.usa.gov/xGXTR>

Updated as of 14 Sep 2020 (11:04 AM Central Daylight Time)



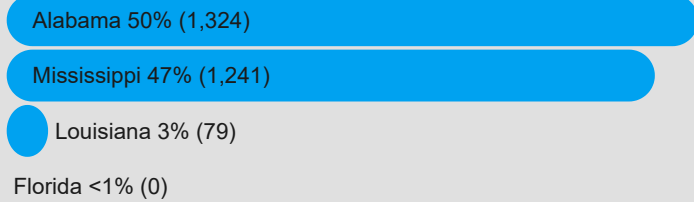
**Debris**

2,066,902  
cu. yd.



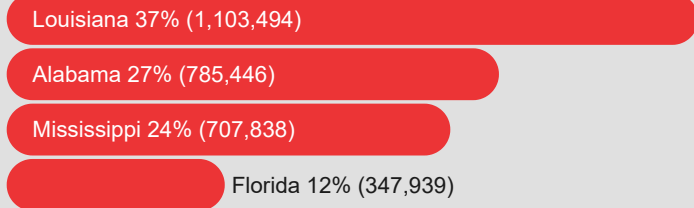
**Temporary Roofing**

2,645  
units



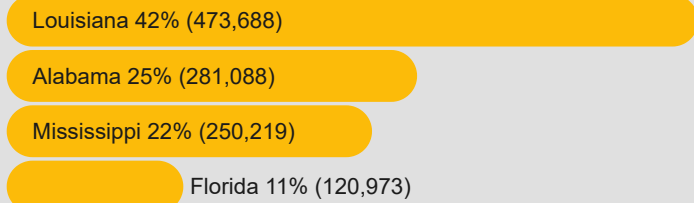
**Population**

2,944,717  
people



**Households**

1,125,968  
households



## Critical Infrastructure Summary

### Total

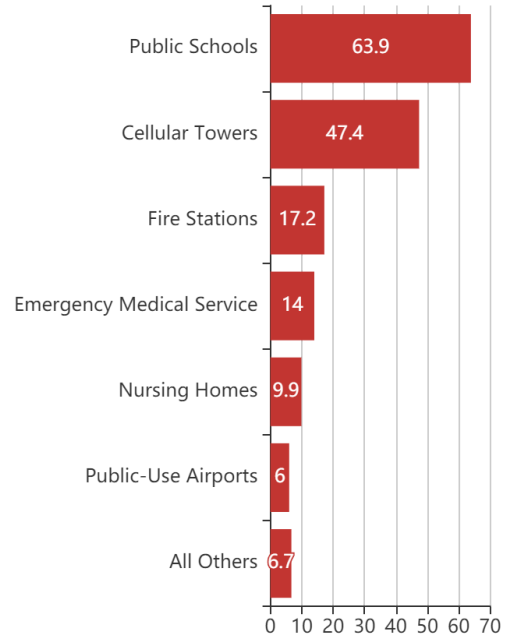


### Power Requirements



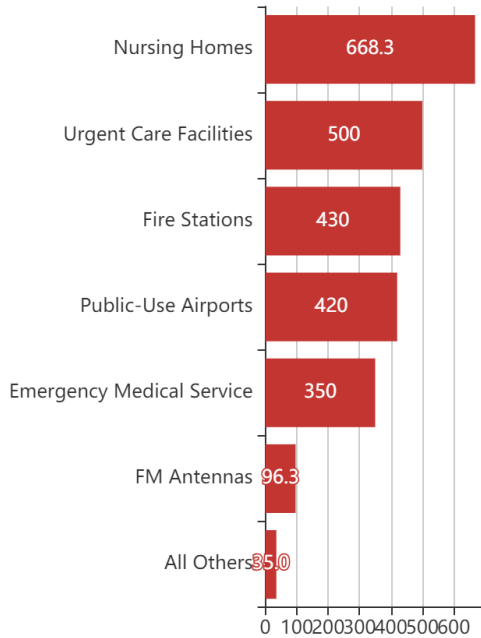
### Generators

By Generator Count



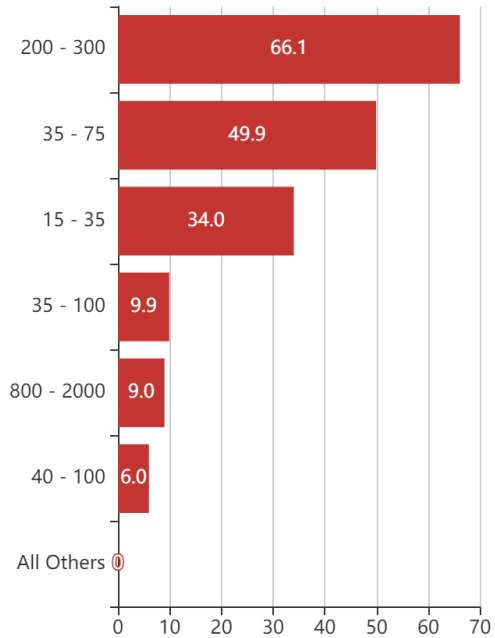
### Generators

By Power Requirement



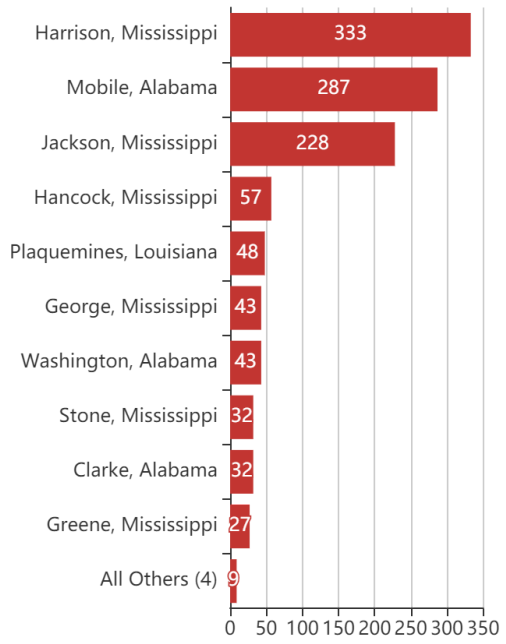
### Generators

By Range



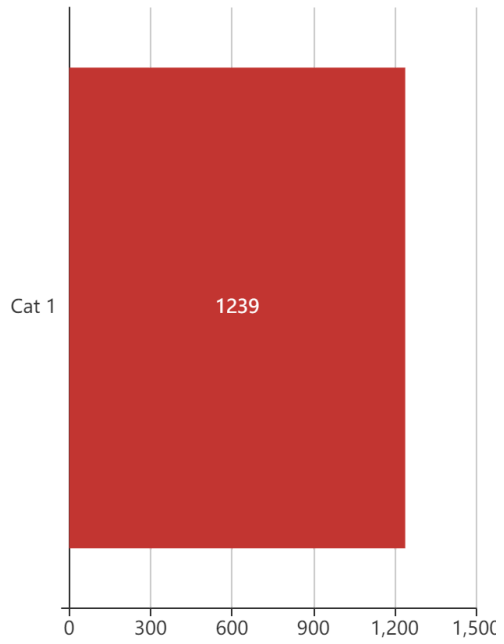
### Structures

By County



### Structures

By Intensity





# Key Messages for Tropical Storm Sally

## Advisory 12: 10:00 AM CDT Mon Sep 14, 2020

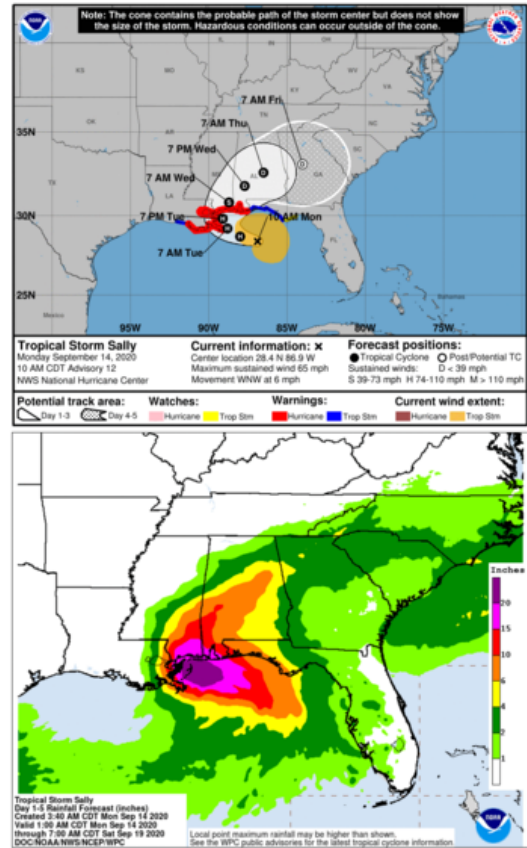


1. It is too early to determine where Sally's center will move onshore given the uncertainty in the timing and location of Sally's northward turn near the central Gulf Coast. Users should not focus on the details of the official forecast track, since NHC's average forecast error at 48 hours is around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

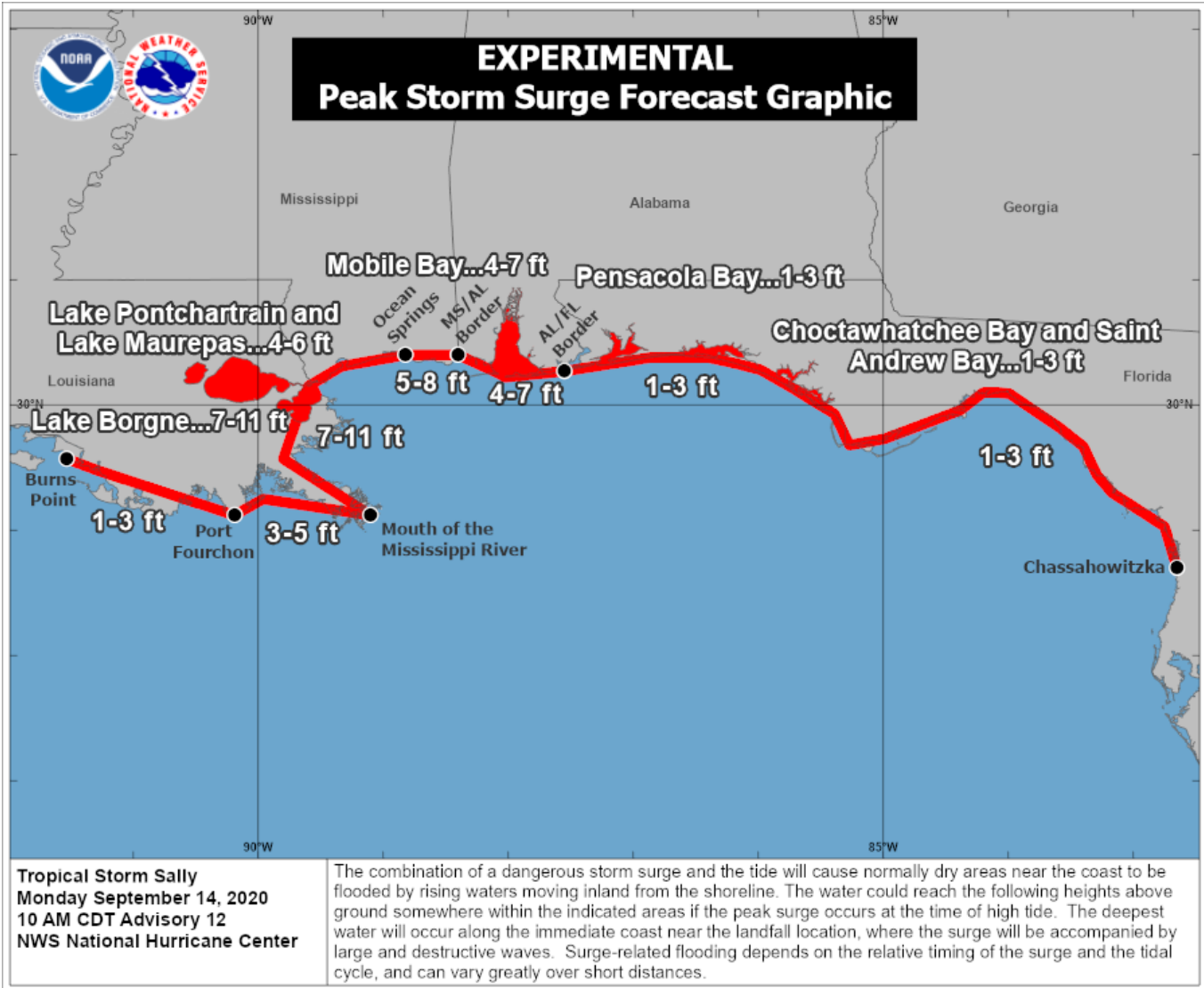
2. An extremely dangerous and life-threatening storm surge is expected for areas outside the southeastern Louisiana Hurricane and Storm Damage Risk Reduction System from Port Fourchon, Louisiana, to the Alabama/Florida border, where a Storm Surge Warning is in effect. Residents in these areas should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

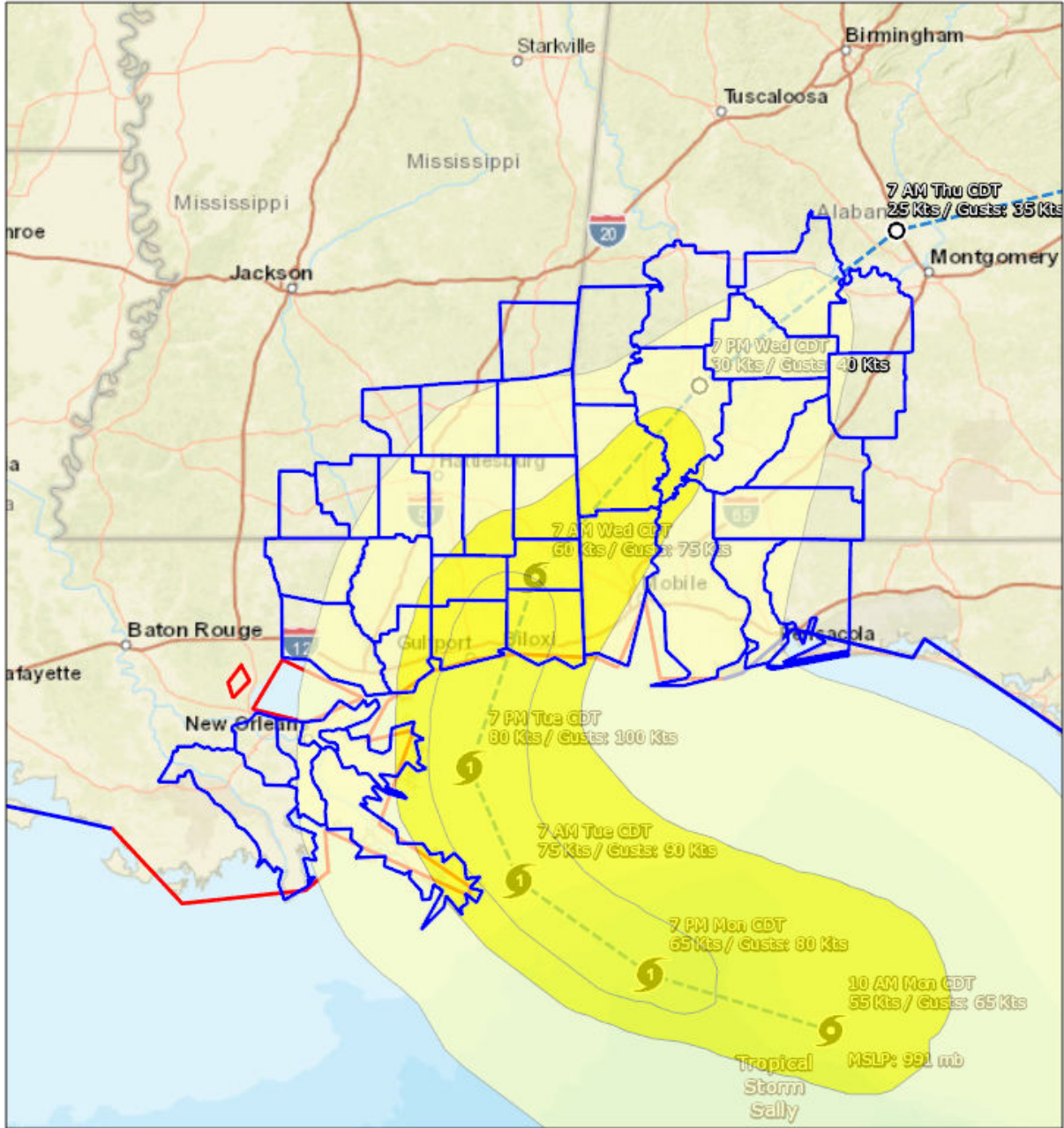
3. Hurricane conditions are expected tonight within the Hurricane Warning area in southeastern Louisiana and are expected by late Tuesday within the Hurricane Warning area along the Mississippi and Alabama coastline. Tropical storm conditions are likely to begin later today and this evening in these 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.

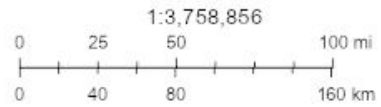


**For more information go to [hurricanes.gov](https://hurricanes.gov)**





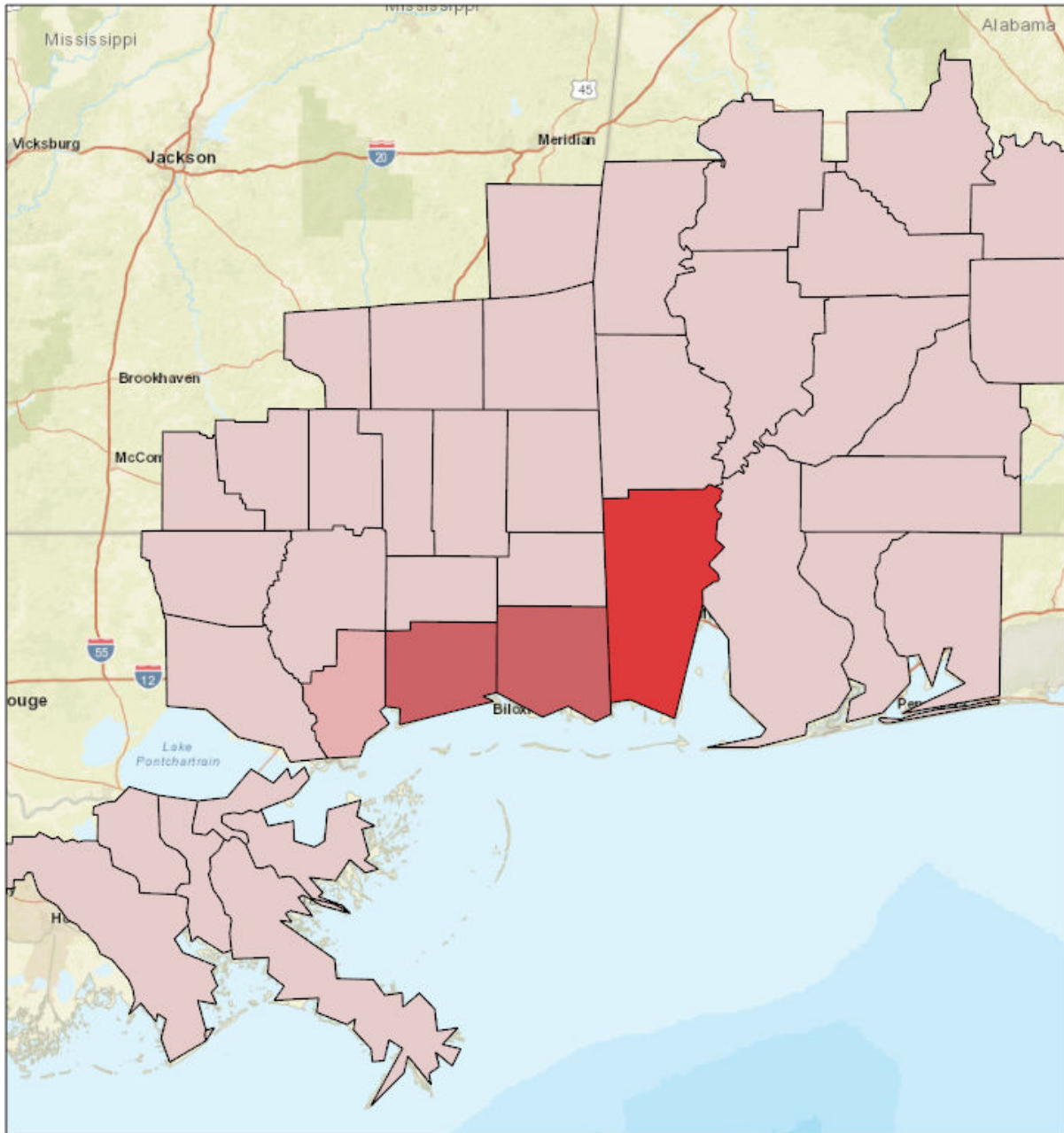
- Counties
- Mission Model Swaths
  - TS
  - Cat 1
- 120-hr Forecast Track Line







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, NOAA/NOS/IOCS nowCOAST, NOAA/NWS/NHC, NOAA/NWS/CPHC

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

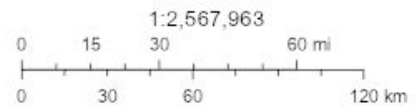
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# Temporary Roofing



Debris  
[Yellow Box] < 2,000 units

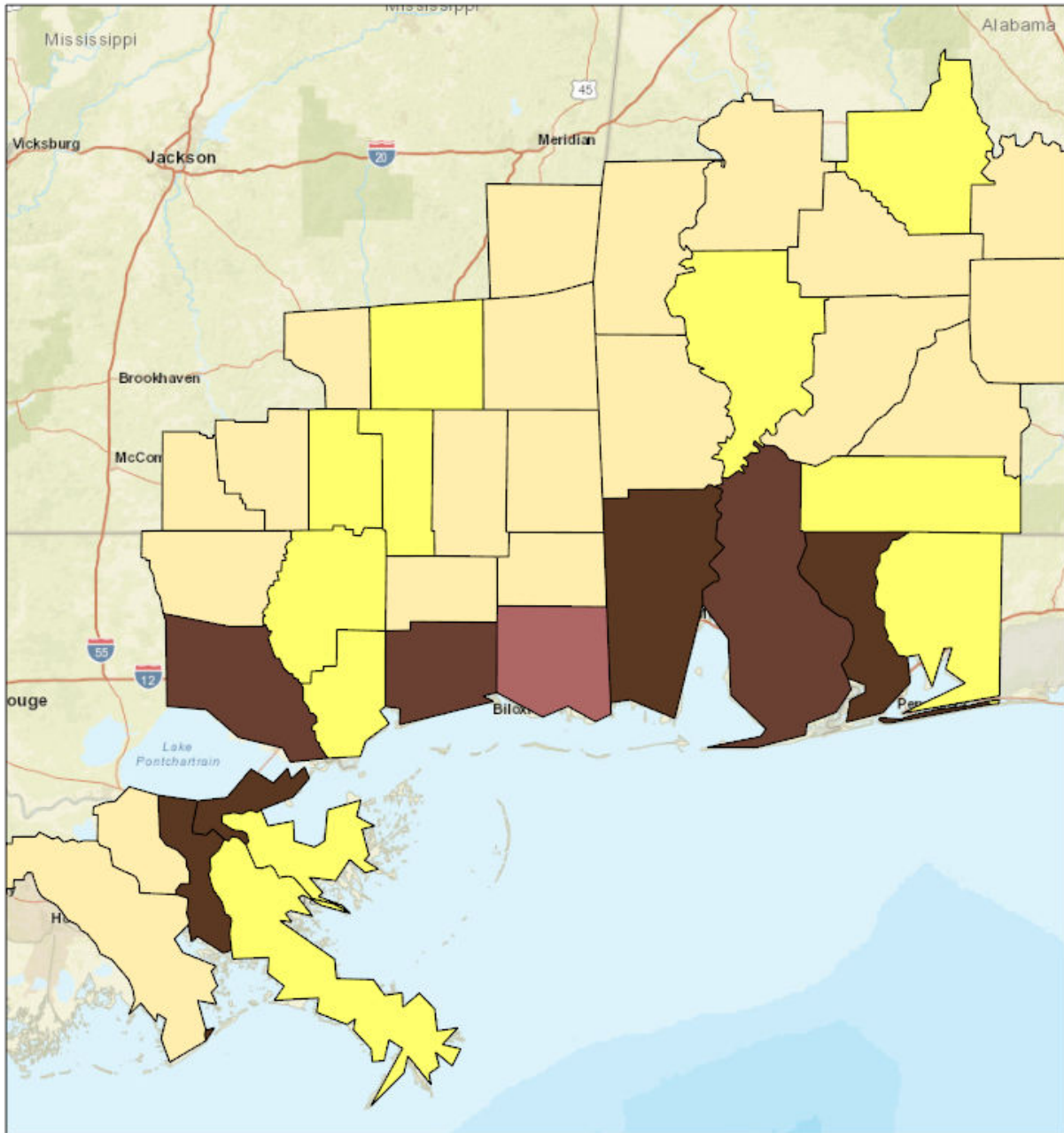


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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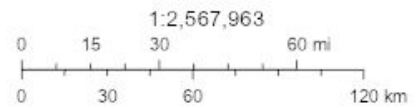


# Population



## Debris

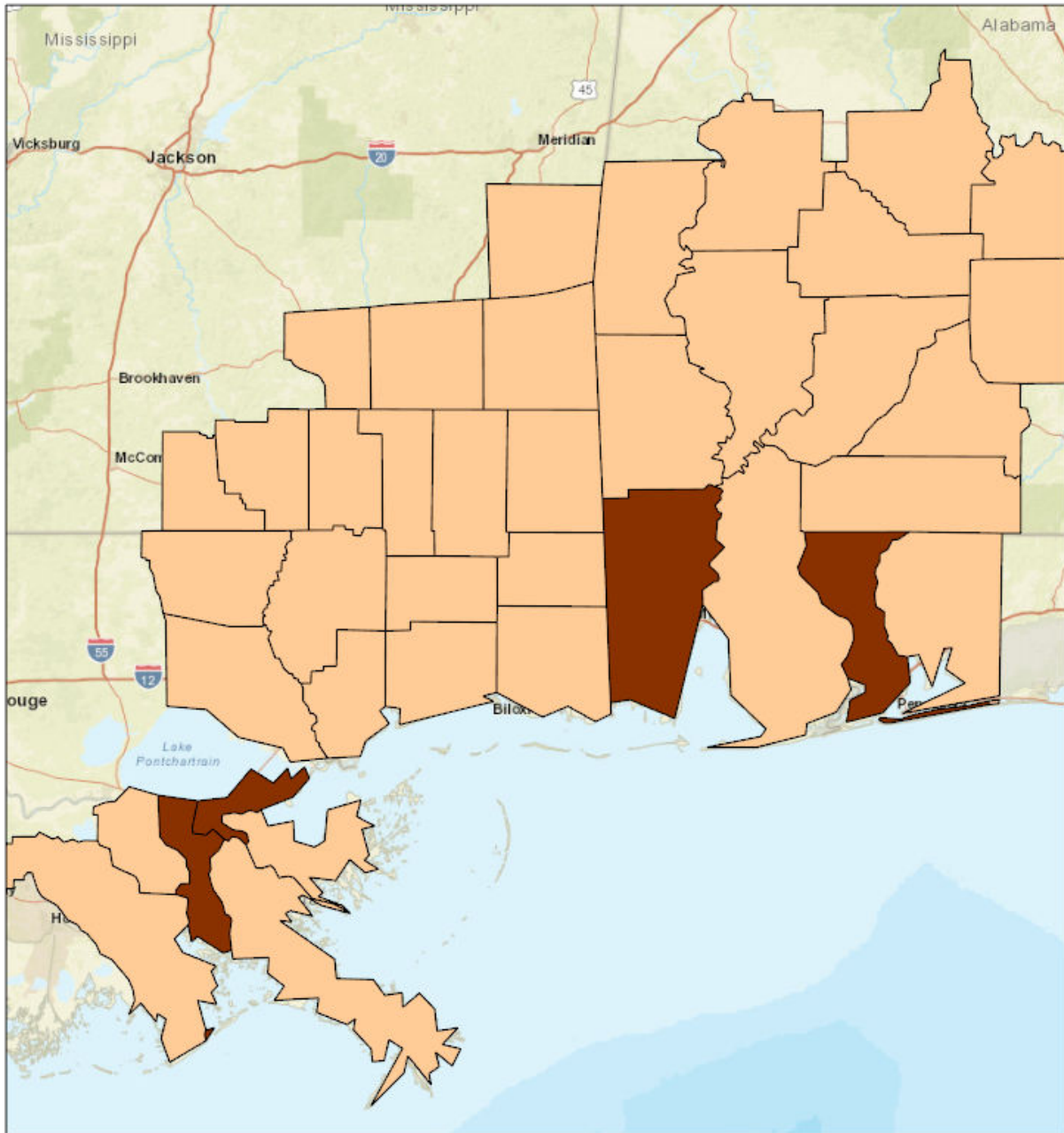
- < 25,000 persons
- 25,000 - 99,000 persons
- 100,000 - 174,999 persons
- 175,000 - 249,000 persons



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

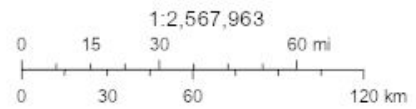
Created by SimSuite

# 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		39		
Debris (cu. yd.)		2,066,902		
Temporary Roofing (units)		2,645		
Population		2,944,717.115		
Households		1,125,967.92		
Population Distribution				
Tropical Storm		2,052,483		
Category 1		891,578		
ALABAMA	Yards of Debris (1,034,994)	Roof Units (1,324)	Population (785,446)	Households (281,088)
Baldwin	30,914	40	186,407	55,336
Butler	0	0	3,316	1,381
Choctaw	0	0	4,180	1,857
Clarke	21,703	28	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	2,494	953
Marengo	0	0	4,881	2,010
Mobile	938,921	1,201	410,234	150,179
Monroe	1,537	2	23,425	9,383
Washington	41,920	54	17,370	6,705
Wilcox	0	0	12,943	4,776
FLORIDA	Yards of Debris (0)	Roof Units (0)	Population (347,939)	Households (120,973)
Escambia	0	0	314,018	111,049
Santa Rosa	0	0	33,921	9,924

<b>LOUISIANA</b>	<b>Yards of Debris (61,938)</b>	<b>Roof Units (79)</b>	<b>Population (1,103,494)</b>	<b>Households (473,688)</b>
Jefferson	0	0	435,334	176,234
Lafourche	0	0	2,855	976
Orleans	0	0	351,222	188,251
Plaquemines	13,107	17	25,106	9,021
St. Bernard	48,831	62	37,764	25,123
St. Charles	0	0	136	42
St. Tammany	0	0	237,867	69,253
Washington	0	0	13,210	4,788

<b>MISSISSIPPI</b>	<b>Yards of Debris (969,970)</b>	<b>Roof Units (1,241)</b>	<b>Population (707,838)</b>	<b>Households (250,219)</b>
Clarke	0	0	47	19
Covington	0	0	1,401	484
Forrest	7,505	10	81,072	27,184
George	42,167	54	22,077	6,745
Greene	25,933	33	13,959	4,148
Hancock	105,640	135	40,492	16,897
Harrison	447,256	572	183,018	71,538
Jackson	298,071	381	135,395	47,676
Jones	0	0	67,770	24,275
Lamar	0	0	49,820	14,396
Marion	0	0	5,459	1,953
Pearl River	5,091	7	58,832	18,078
Perry	9,902	13	12,241	4,420
Stone	28,404	36	15,514	4,543
Walthall	0	0	16	6
Wayne	0	0	20,726	7,857

## Critical Infrastructure

Summary			
Total Critical Facilities		1,239	
Power Requirements (kW)		35,154.6	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (14)	0.7	35 - 75	38.5
Cellular Towers (79)	47.4	35 - 75	2,607.0
FM Antennas (35)	1.8	35 - 75	96.3
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (56)	0.0	200 - 300	0.0
Public Schools (213)	63.9	200 - 300	15,975.0
Colleges and Universities (10)	0.2	200 - 300	50.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (140)	14.0	15 - 35	350.0
Fire Stations (172)	17.2	15 - 35	430.0
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (66)	9.9	35 - 100	668.3
Hospitals (18)	5.4	800 - 2000	7,560.0
Urgent Care Facilities (10)	2.0	200 - 300	500.0
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 (14)	0.0	15 - 35	0.0
National Security Government Military Facilities (119)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (13)	2.6	400 - 600	1,300.0
Local Police (26)	2.6	15 - 35	65.0
State Police (4)	0.2	15 - 35	5.0
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

<b>State Facilities</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Governors Mansion (0)	0.0	100 - 200	0.0
Major State Government Building (0)	0.0	100 - 200	0.0

<b>Transportation</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Ports (151)	0.0	600 - 1200	0.0
Amtrak Stations (4)	0.0	100 - 300	0.0
Bus Stations (16)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (6)	0.0	100 - 300	0.0
Railroad Stations (4)	0.0	100 - 300	0.0
Public-Use Airports (50)	6.0	40 - 100	420.0

<b>Water</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (9)	3.6	800 - 2000	5,040.0



## 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	Harrison	3,619
9	Lafourche	3,435
10	Jackson	3,290
11	Jones	2,293
12	Forrest	2,277
13	Washington	1,561
14	Lamar	1,536
15	Dallas	1,475
16	St. Bernard	1,328
17	Escambia	1,300
18	Clarke	935
19	Butler	866
20	Wayne	863
21	Marion	823
22	Pearl River	822
23	Covington	774
24	George	729
25	Plaquemines	662
26	Marengo	660
27	Lowndes	604
28	Walthall	579
29	Hancock	538
30	Clarke	508
31	Washington	507
32	Wilcox	480
33	Monroe	445
34	Conecuh	444
35	Perry	374
36	Stone	341
37	Choctaw	331
38	Greene	326

