



US Army Corps  
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# Hurricane Zeta Adv. #12

For Planning Purposes Only!

WASHINGTON, DC  
14:15:18  
27 Oct 2020

CHICAGO  
13:15:18  
27 Oct 2020

LOS ANGELES  
11:15:18  
27 Oct 2020

<https://go.usa.gov/x7TCA>

Updated as of 27 Oct 2020 (1:15 PM Central Daylight Time)



## Debris

1,018,755  
cu. yd.

Mississippi 68% (697,843)

Louisiana 32% (320,912)

Alabama <1% (0)

Florida <1% (0)



## Temporary Roofing

1,530  
units

Mississippi 68% (1,048)

Louisiana 32% (482)

Alabama <1% (0)

Florida <1% (0)



## Population

3,544,439  
people

Alabama 37% (1,302,127)

Louisiana 32% (1,150,594)

Mississippi 20% (708,321)

Florida 11% (383,397)



## Households

1,312,719  
households

Louisiana 36% (478,522)

Alabama 34% (452,407)

Mississippi 19% (250,443)

Florida 10% (131,347)

Critical Infrastructure Summary

Total

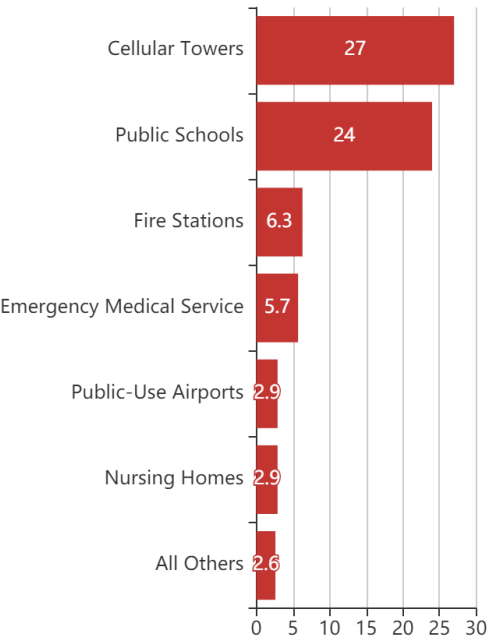


Power  
Requirements



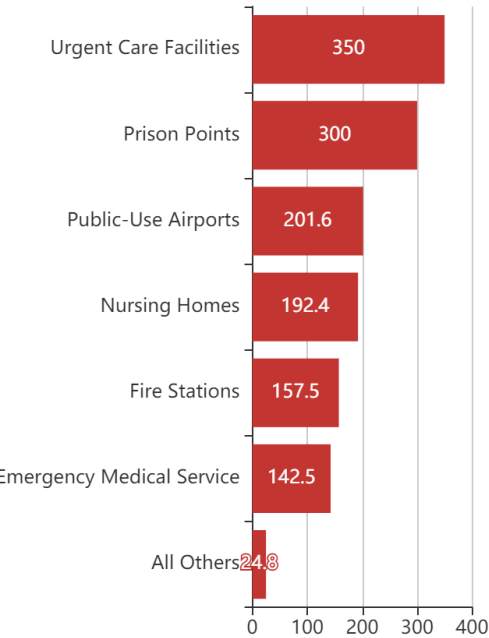
Generators

By Generator Count



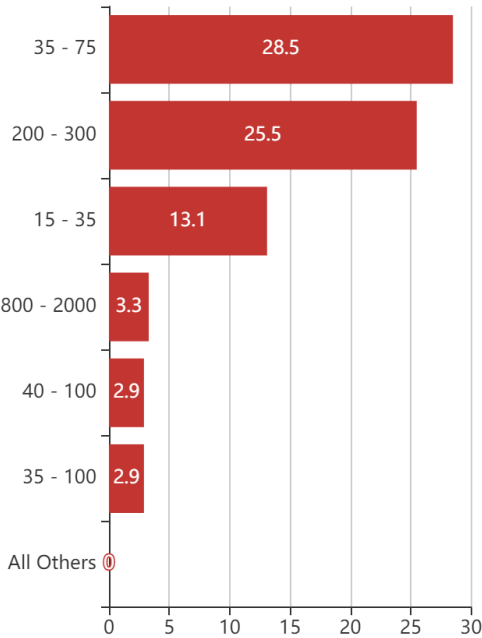
Generators

By Power Requirement



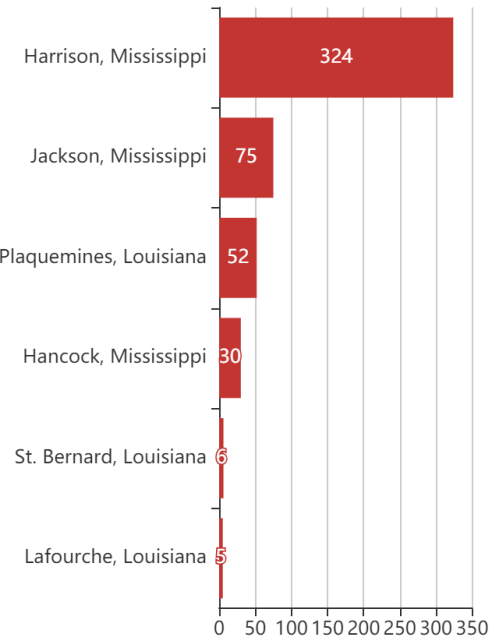
Generators

By Range



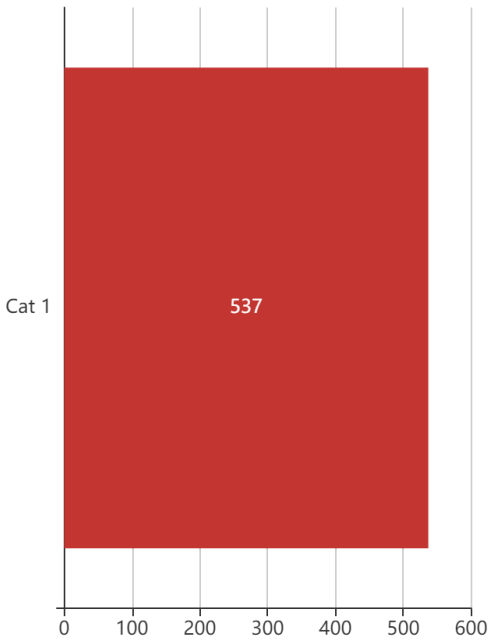
Structures

By County



Structures

By Intensity





# Key Messages for Tropical Storm Zeta

## Advisory 12: 10:00 AM CDT Tue Oct 27, 2020

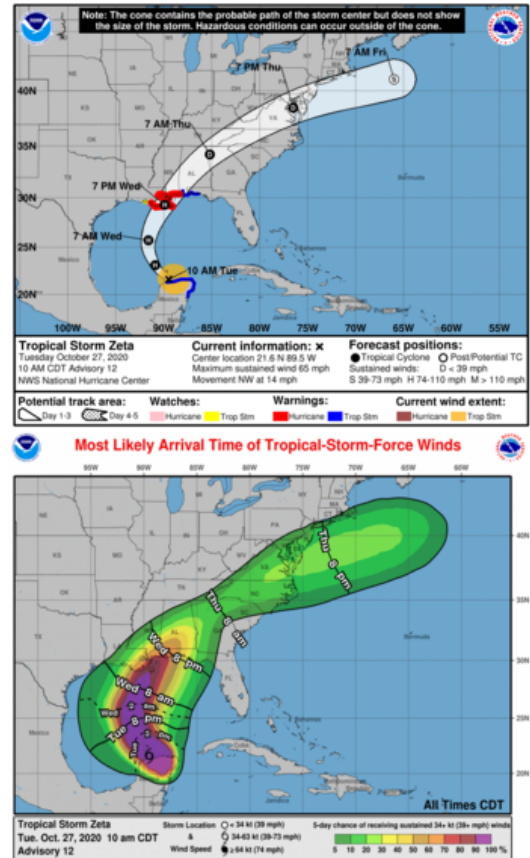


1. A life-threatening storm surge is expected along portions of the northern Gulf Coast by late Wednesday, with the highest inundation occurring somewhere between the Mouth of the Pearl River and Dauphin Island, Alabama. Residents in the Storm Surge Warning area should follow any advice given by local officials.

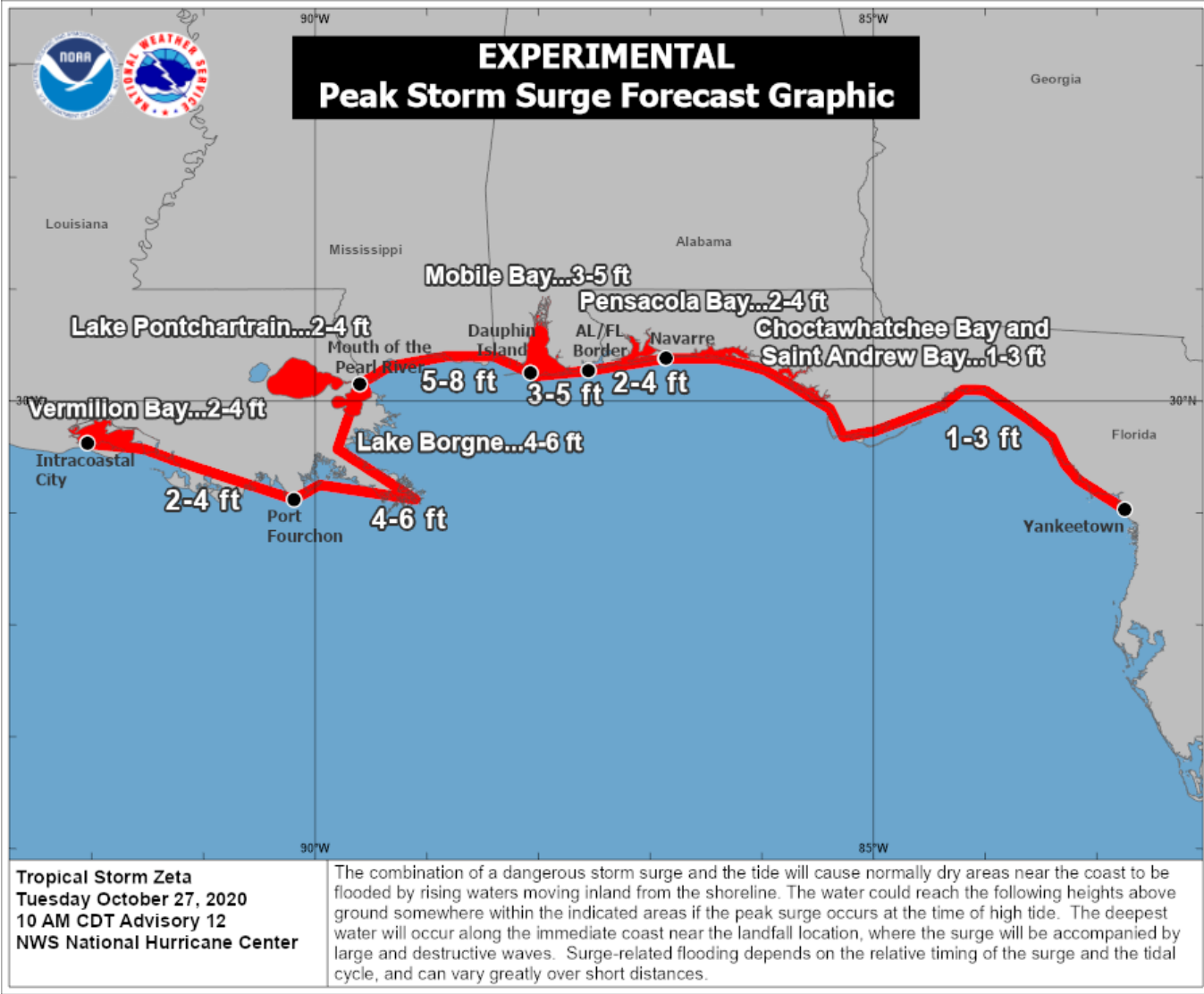
2. Hurricane conditions are expected by late Wednesday within portions of the Hurricane Warning area between Morgan City, Louisiana, and the Mississippi/Alabama border. Damaging winds, especially in gusts, will spread well inland across portions of southeast Mississippi and southern Alabama Wednesday night due to Zeta's fast forward speed.

3. Between tonight and Thursday, heavy rainfall is expected from portions of the central U.S. Gulf Coast into the Ohio Valley and Mid-Atlantic States near and in advance of Zeta. This rainfall will lead to flash, urban, small stream, and minor river flooding.

4. Tropical storm conditions will continue in portions of the northern Yucatan Peninsula of Mexico during the next few hours. Heavy rainfall is expected across the Yucatan Peninsula, the Cayman Islands, and western Cuba today, which will lead to flash flooding in urban areas.

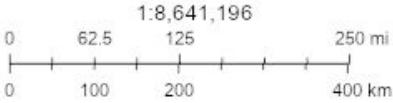


For more information go to [hurricanes.gov](https://hurricanes.gov)





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

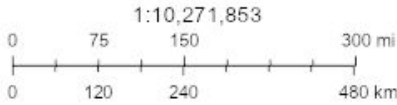
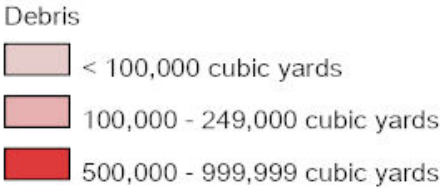


NOAA/NOS/OCS nowCOAST, NOAA/NWS/NHC, NOAA/NWS/CPHC, Esri, HERE, Garmin, NGA, USGS, NPS

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Debris



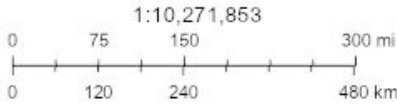
Esri, HERE, Garmin, NGA, USGS, NPS

Created by SimSuite

# Temporary Roofing



Temporary Roofing  
Yellow box icon < 2,000 units

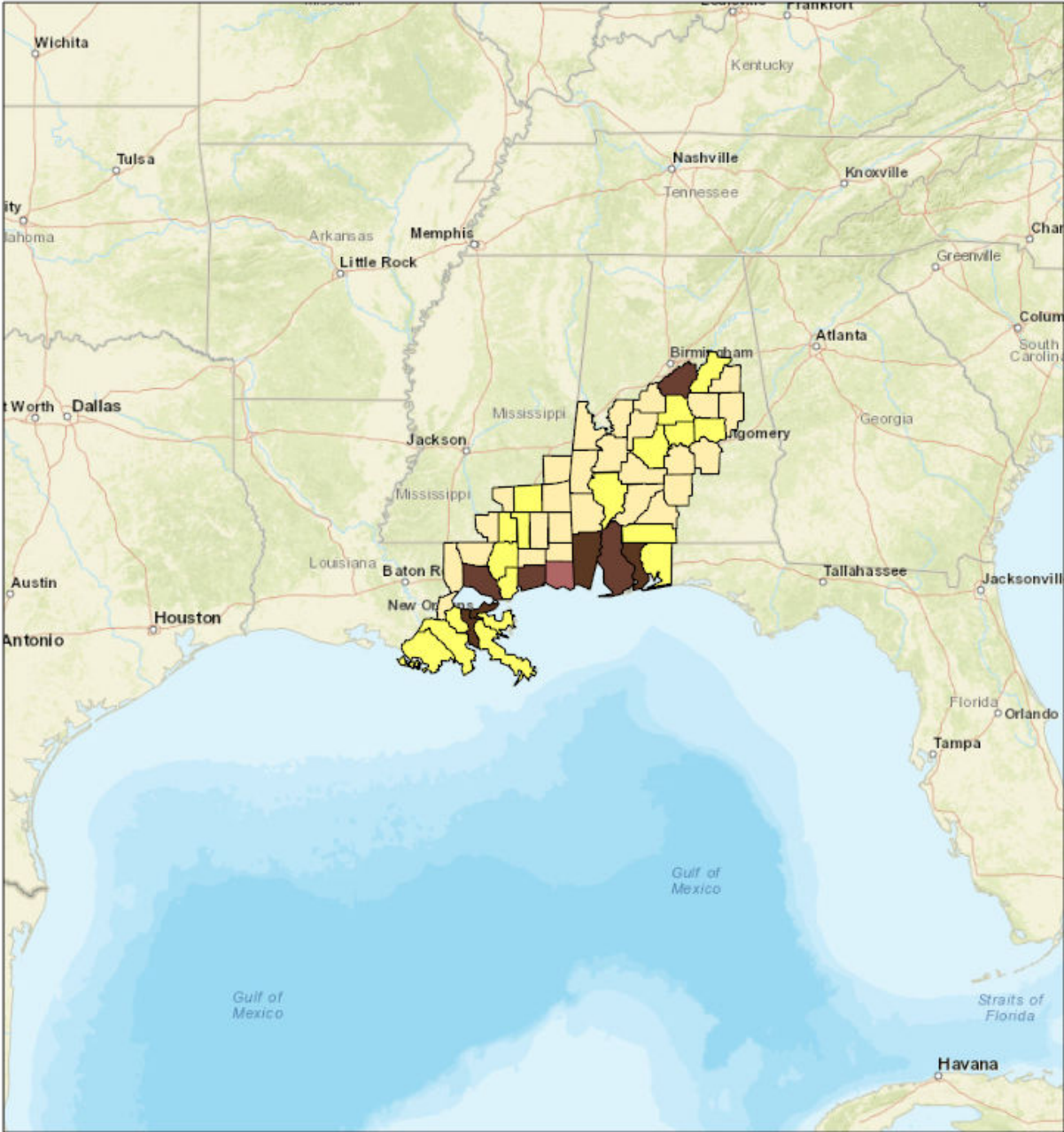


Esri, HERE, Garmin, NGA, USGS, NPS

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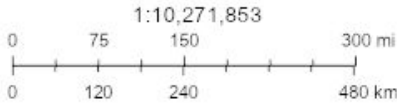


Population



Population

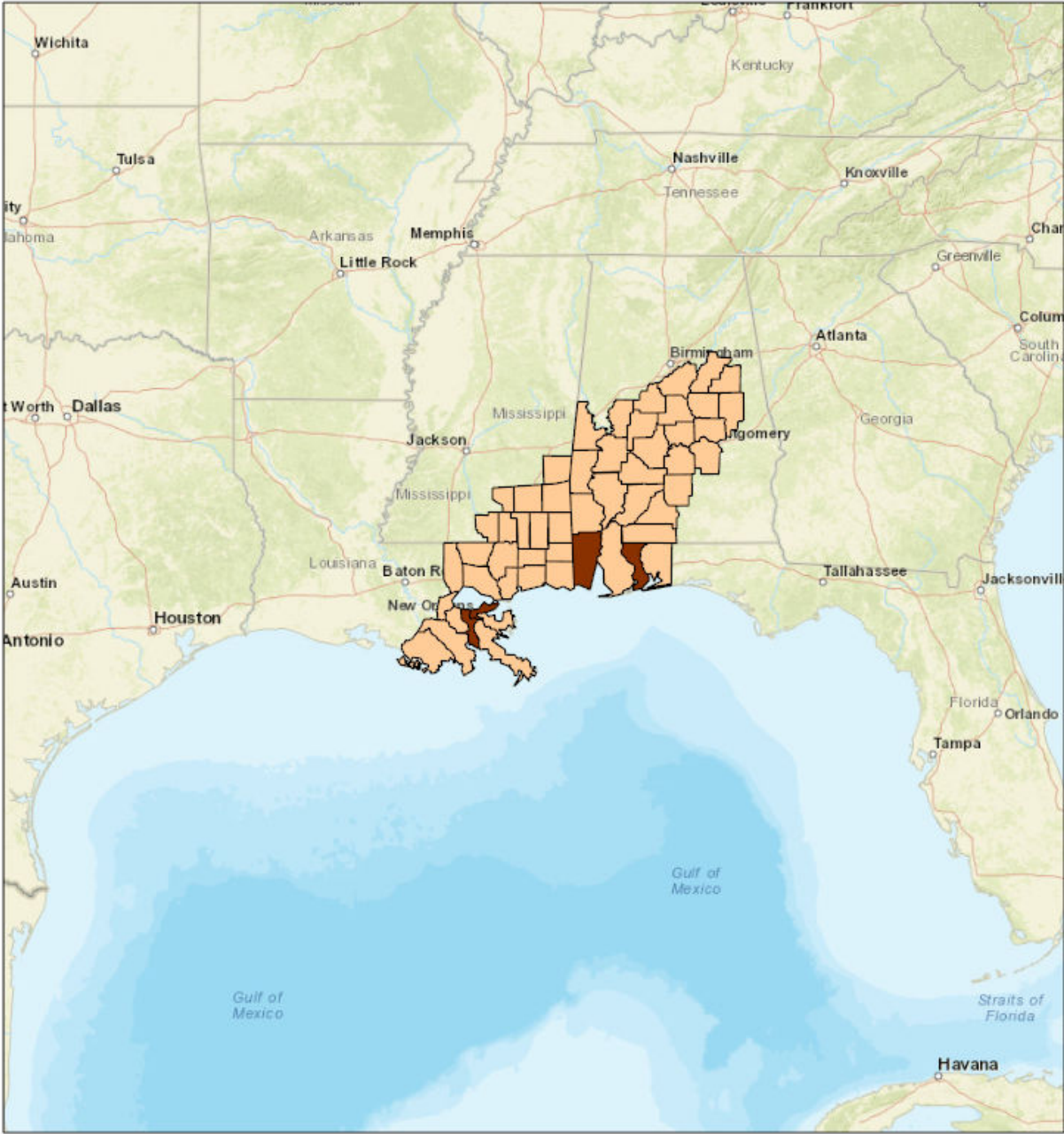
- < 25,000 persons
- 25,000 - 99,000 persons
- 100,000 - 174,999 persons
- 175,000 - 249,000 persons



Esri, HERE, Garmin, NGA, USGS, NPS

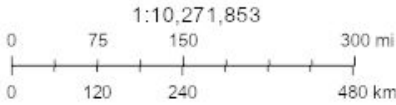
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Households



Households

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



Esri, HERE, Garmin, NGA, USGS, NPS

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	54
Debris (cu. yd.)	1,018,755
Temporary Roofing (units)	1,530
Population	3,544,439
Households	1,312,719

Population Distribution	
Tropical Storm	3,081,760
Category 1	301,832

ALABAMA	Yards of Debris (0)	Roof Units (0)	Population (1,302,127)	Households (452,407)
Autauga	0	0	51,766	16,003
Baldwin	0	0	186,407	55,336
Bibb	0	0	9,126	3,106
Butler	0	0	20,159	8,398
Chilton	0	0	42,721	15,287
Choctaw	0	0	11,606	5,158
Clarke	0	0	26,560	10,578
Clay	0	0	13,878	5,765
Conecuh	0	0	13,266	5,792
Coosa	0	0	11,344	4,682
Dallas	0	0	42,841	17,841
Elmore	0	0	29,008	8,157
Escambia	0	0	37,531	14,297
Hale	0	0	4,178	1,441
Lowndes	0	0	12,852	4,909
Marengo	0	0	19,821	8,161
Mobile	0	0	410,234	150,179
Monroe	0	0	23,424	9,383
Montgomery	0	0	17,726	6,708
Perry	0	0	10,026	4,068
Shelby	0	0	196,034	54,631
Sumter	0	0	266	114
Talladega	0	0	80,412	30,674
Tallapoosa	0	0	629	257
Washington	0	0	17,370	6,705
Wilcox	0	0	12,943	4,776

<b>FLORIDA</b>	<b>Yards of Debris (0)</b>	<b>Roof Units (0)</b>	<b>Population (383,397)</b>	<b>Households (131,347)</b>
Escambia	0	0	314,018	111,049
Santa Rosa	0	0	69,379	20,298

<b>LOUISIANA</b>	<b>Yards of Debris (320,912)</b>	<b>Roof Units (482)</b>	<b>Population (1,150,594)</b>	<b>Households (478,522)</b>
Jefferson	33,084	50	289,201	117,076
Lafourche	15,062	23	80,853	27,633
Orleans	0	0	351,222	188,251
Plaquemines	72,066	108	25,106	9,021
St. Bernard	200,700	301	37,764	25,123
St. Charles	0	0	52,743	16,422
St. John the Baptist	0	0	12,932	3,869
St. Tammany	0	0	213,507	62,161
Tangipahoa	0	0	3,595	1,097
Terrebonne	0	0	67,923	22,161
Washington	0	0	15,747	5,708

MISSISSIPPI	Yards of Debris (697,843)	Roof Units (1,048)	Population (708,321)	Households (250,443)
Clarke	0	0	2,616	1,036
Covington	0	0	703	243
Forrest	0	0	81,069	27,183
George	0	0	22,068	6,742
Greene	0	0	13,959	4,148
Hancock	12,567	19	40,492	16,897
Harrison	571,494	858	183,018	71,538
Jackson	111,368	167	135,397	47,677
Jones	0	0	67,770	24,275
Lamar	0	0	49,820	14,396
Marion	0	0	3,867	1,384
Pearl River	0	0	58,831	18,078
Perry	0	0	12,241	4,420
Stone	2,414	4	16,213	4,748
Wayne	0	0	20,255	7,679



## Critical Infrastructure

Summary			
Total Critical Facilities		537	
Power Requirements (kW)		13,588.4	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (7)	0.4	35 - 75	19.3
Cellular Towers (45)	27.0	35 - 75	1,485.0
FM Antennas (21)	1.1	35 - 75	57.8
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (23)	0.0	200 - 300	0.0
Public Schools (80)	24.0	200 - 300	6,000.0
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 (57)	5.7	15 - 35	142.5
Fire Stations (63)	6.3	15 - 35	157.5
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (19)	2.9	35 - 100	192.4
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 (6)	0.0	15 - 35	0.0
National Security Government Military Facilities (80)	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 (9)	0.9	15 - 35	22.5
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 (2)	0.4	15 - 40	11.0
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 (53)	0.0	600 - 1200	0.0
Amtrak Stations (3)	0.0	100 - 300	0.0
Bus Stations (9)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (4)	0.0	100 - 300	0.0
Railroad Stations (3)	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 (3)	1.2	800 - 2000	1,680.0

## COVID-19

#	County	Cases
1	Jefferson	18,645
2	Mobile	16,934
3	Orleans	13,434
4	Escambia	13,328
5	Montgomery	10,298
6	St. Tammany	7,689
7	Shelby	7,436
8	Baldwin	6,694
9	Santa Rosa	5,876
10	Harrison	5,272
11	Tangipahoa	4,983
12	Jackson	4,622
13	Calhoun	4,621
14	Lafourche	3,886
15	Terrebonne	3,865
16	Elmore	3,227
17	Forrest	3,069
18	St. Clair	2,999
19	Jones	2,957
20	Talladega	2,674
21	Lamar	2,271
22	Autauga	2,074
23	St. Charles	1,945
24	Chilton	1,893
25	Dallas	1,872
26	Washington	1,748
27	Escambia	1,730
28	St. John the Baptist	1,643
29	St. Bernard	1,542
30	Clarke	1,353
31	Tallapoosa	1,330
32	Pearl River	1,145
33	Marengo	1,025
34	Wayne	1,020
35	Butler	1,013
36	George	999
37	Covington	979
38	Marion	954
39	Plaquemines	892

40	Hancock	850
41	Bibb	843
42	Hale	777
43	Clarke	761
44	Washington	749
45	Clay	749
46	Lowndes	714
47	Monroe	648
48	Perry	593
49	Cleburne	573
50	Wilcox	570
51	Conecuh	561
52	Perry	498
53	Greene	478
54	Stone	477
55	Sumter	473
56	Choctaw	392
57	Coosa	205

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