



US Army Corps
of Engineers®
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Hurricane Sally Adv. #16

For Planning Purposes Only!

WASHINGTON, DC
08:36:01
15 Sep 2020

CHICAGO
07:36:01
15 Sep 2020

LOS ANGELES
05:36:01
15 Sep 2020

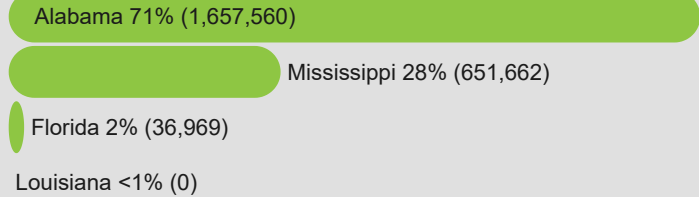
<https://go.usa.gov/xG5T4>

Updated as of 15 Sep 2020 (7:36 AM Central Daylight Time)



Debris

2,346,191
cu. yd.



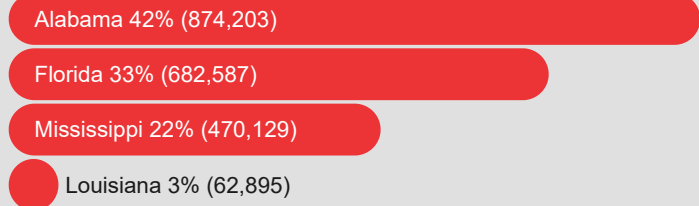
Temporary
Roofing

2,937
units



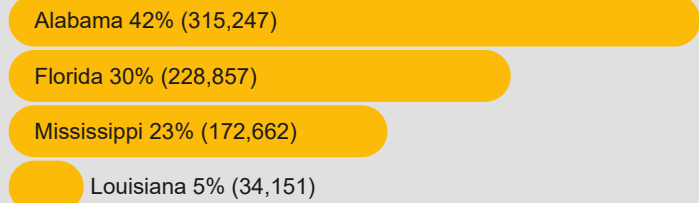
Population

2,089,815
people



Households

750,916
households



Critical Infrastructure Summary

Total

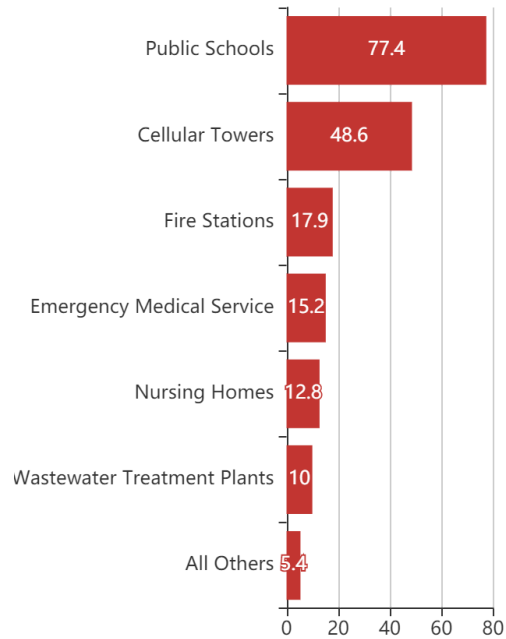


Power Requirements



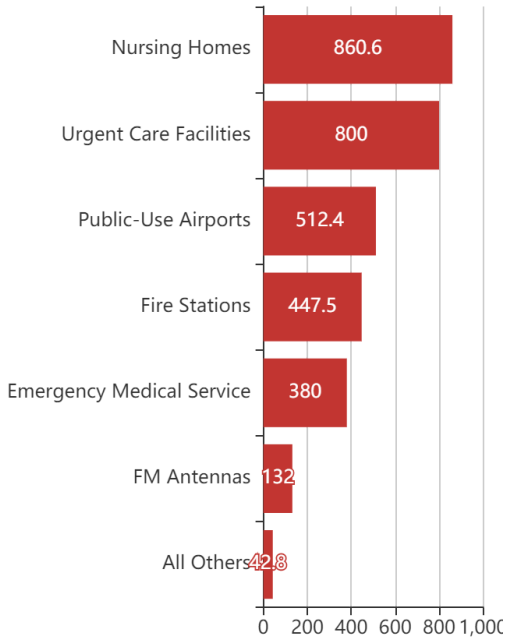
Generators

By Generator Count



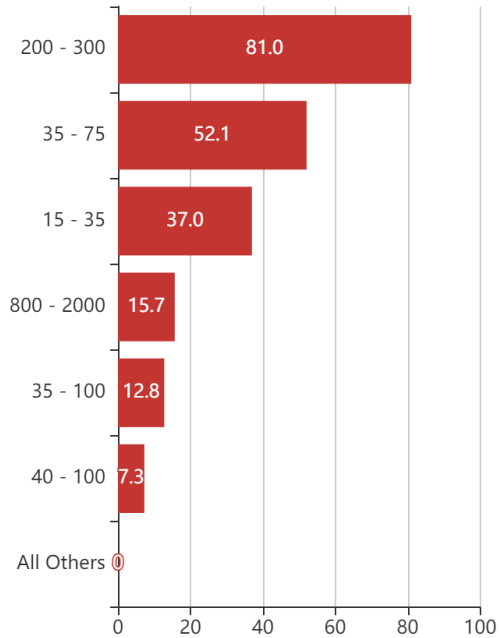
Generators

By Power Requirement



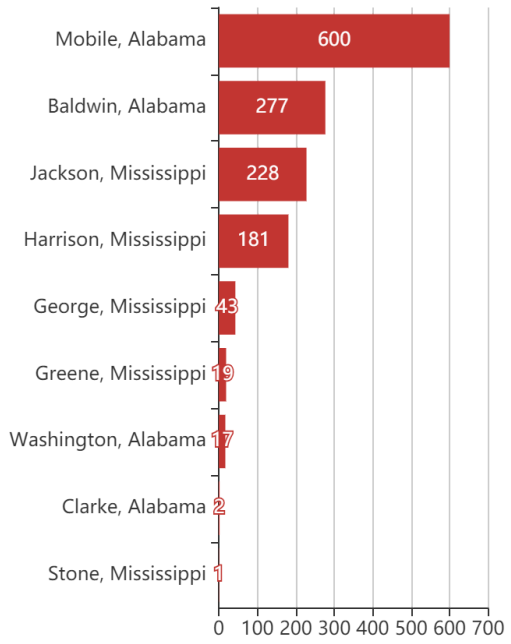
Generators

By Range



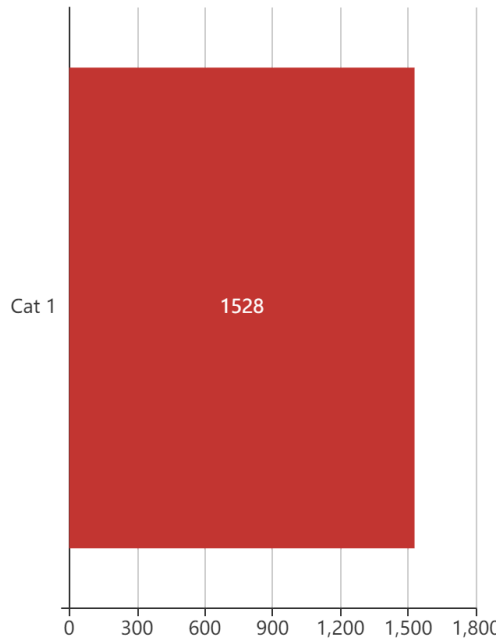
Structures

By County



Structures

By Intensity



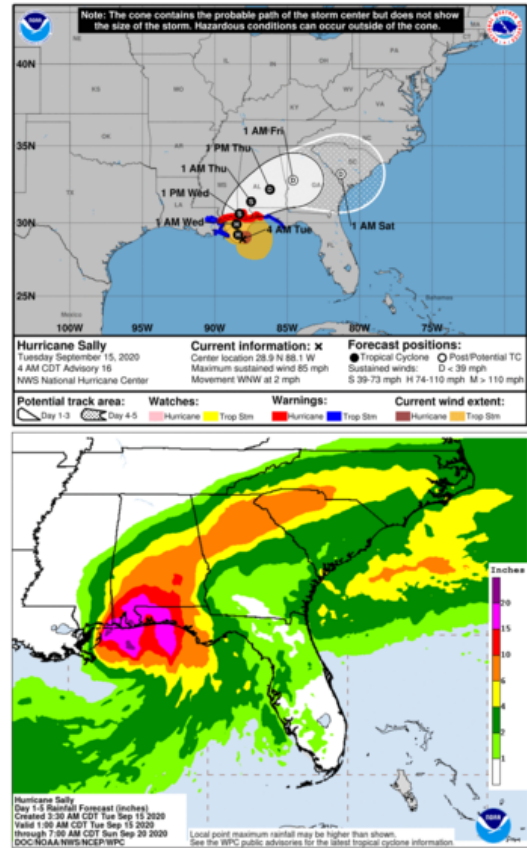


Key Messages for Hurricane Sally

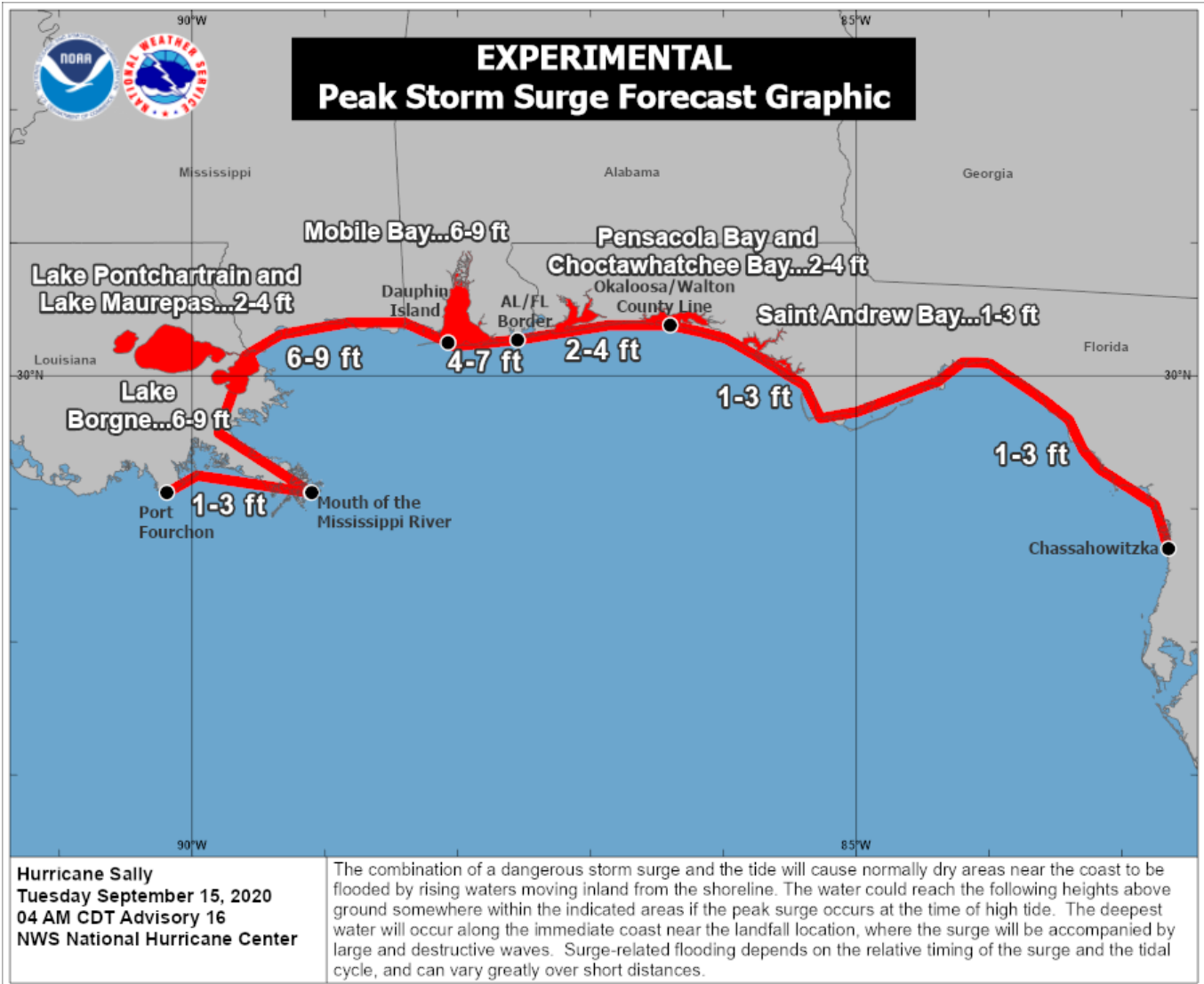
Advisory 16: 4:00 AM CDT Tue Sep 15, 2020

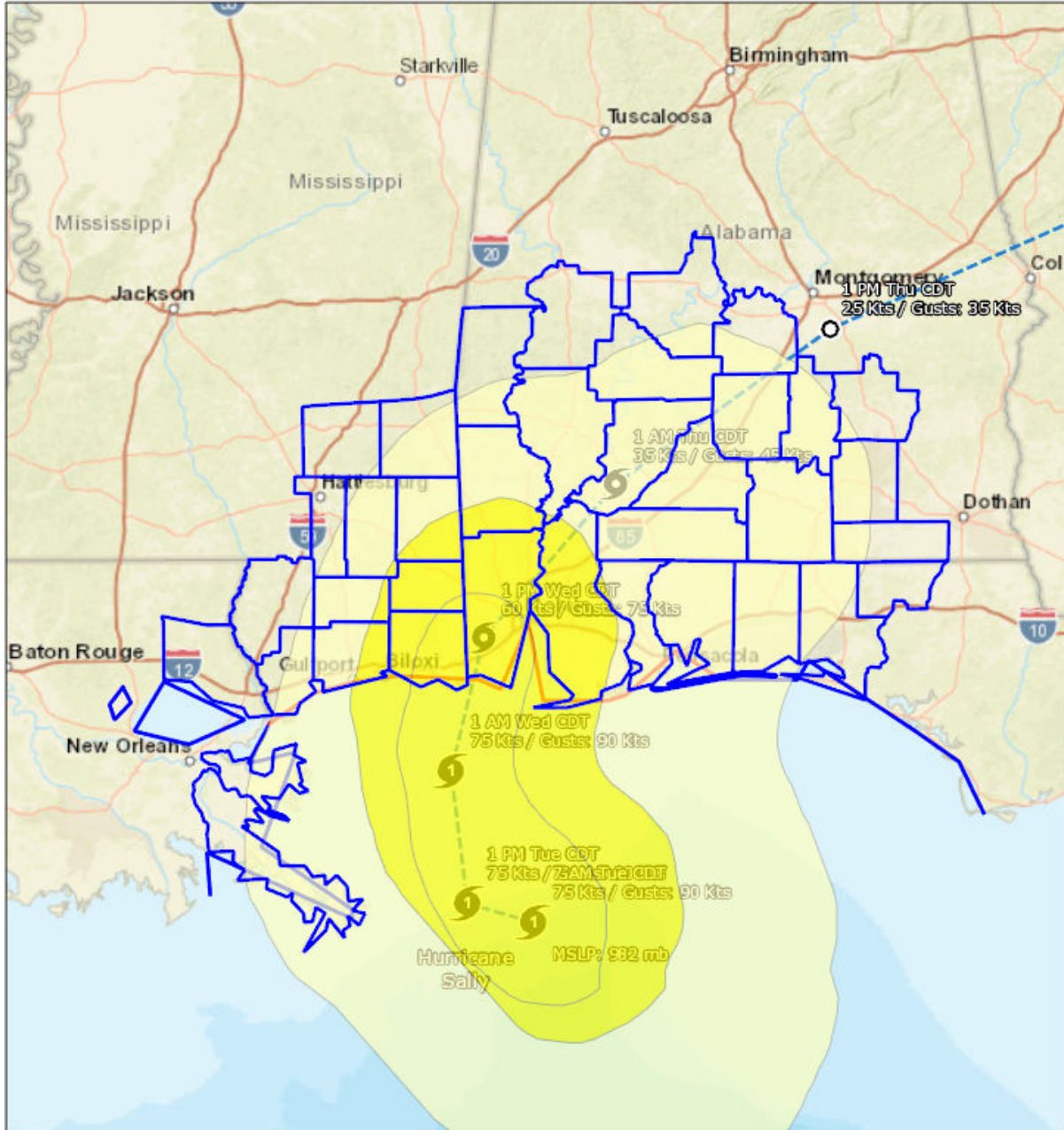


1. It is still too early to determine where Sally's center will move onshore given the uncertainty in the timing and location of Sally's northward turn near the central Gulf Coast. Users should not focus on the details of the official forecast track, since NHC's average forecast error at 36 hours is around 60 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 the Mouth of the Mississippi River 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 today within the Hurricane Warning area along the Mississippi and Alabama coastlines and the western Florida Panhandle. Tropical storm conditions are already occurring in some of these areas.
4. Historic flooding is possible with extreme life-threatening flash flooding likely through Wednesday along and just inland of the central Gulf Coast from the western Florida Panhandle to far southeastern Mississippi. Widespread moderate to major flooding on area rivers is forecast 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 inland portions of Mississippi, Alabama, northern Georgia, and the western Carolinas through the week.

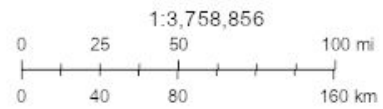


For more information go to hurricanes.gov





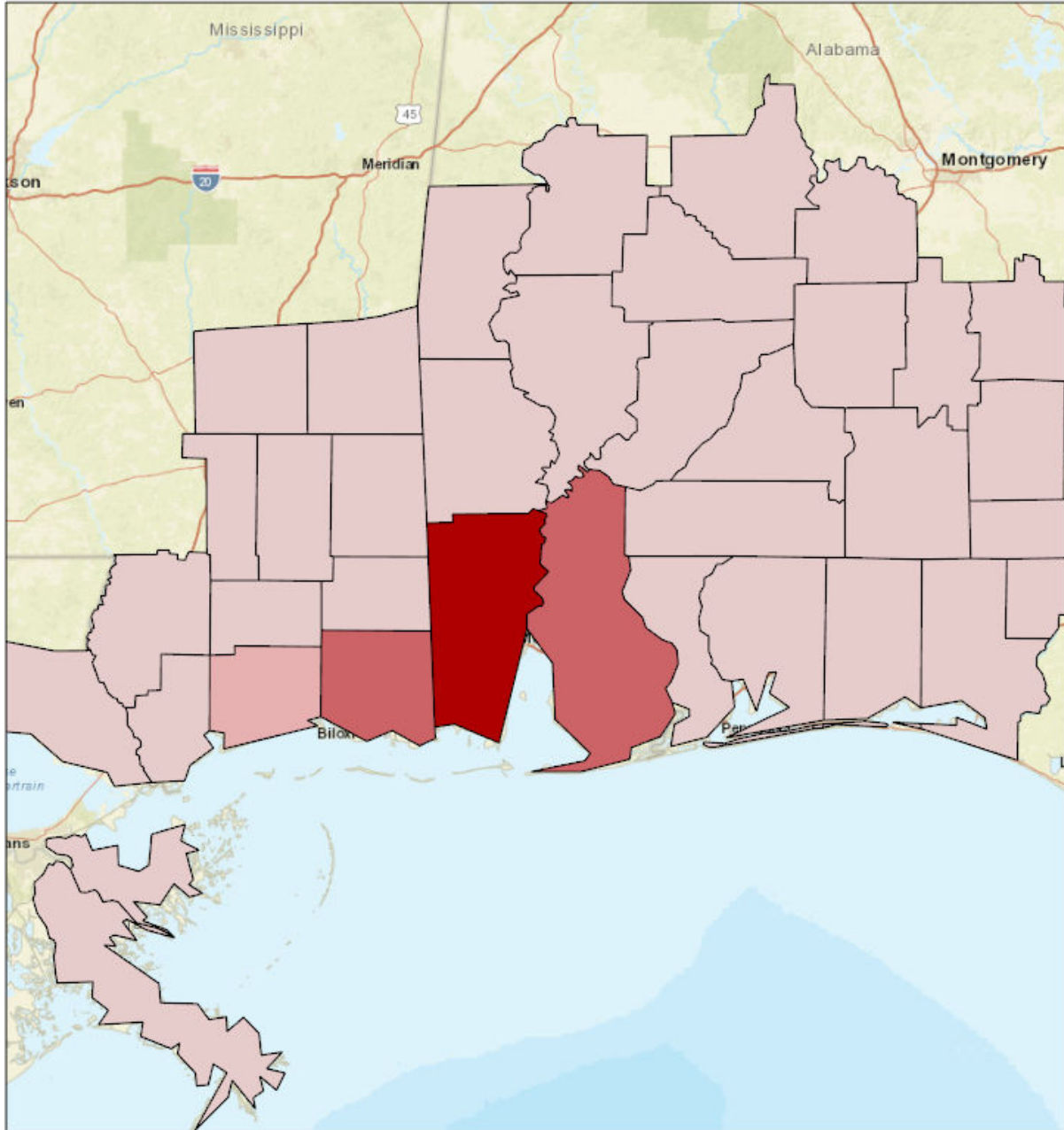
- Counties
- Mission Model Swaths
 - TS
 - Cat 1
- 120-hr Forecast Track Line






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

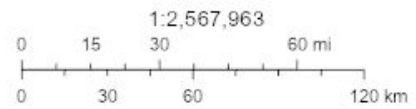
Created by SimSuite

Debris



Debris

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



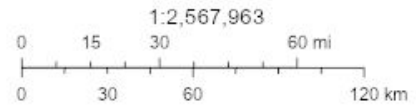
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Created by SimSuite

Temporary Roofing



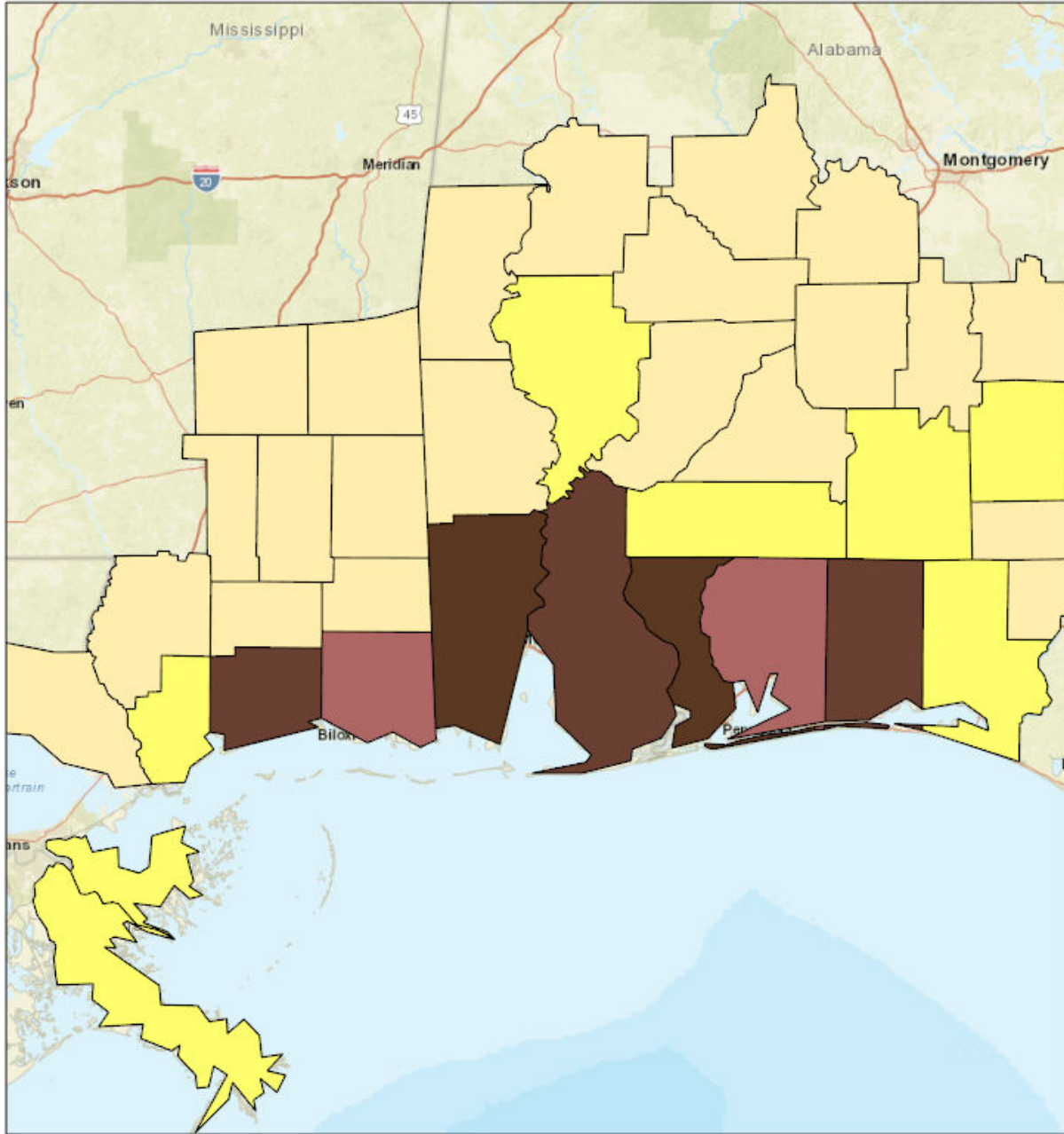
Debris
■ < 2,000 units



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

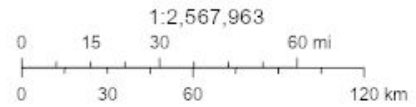
Created by SimSuite

Population



Debris

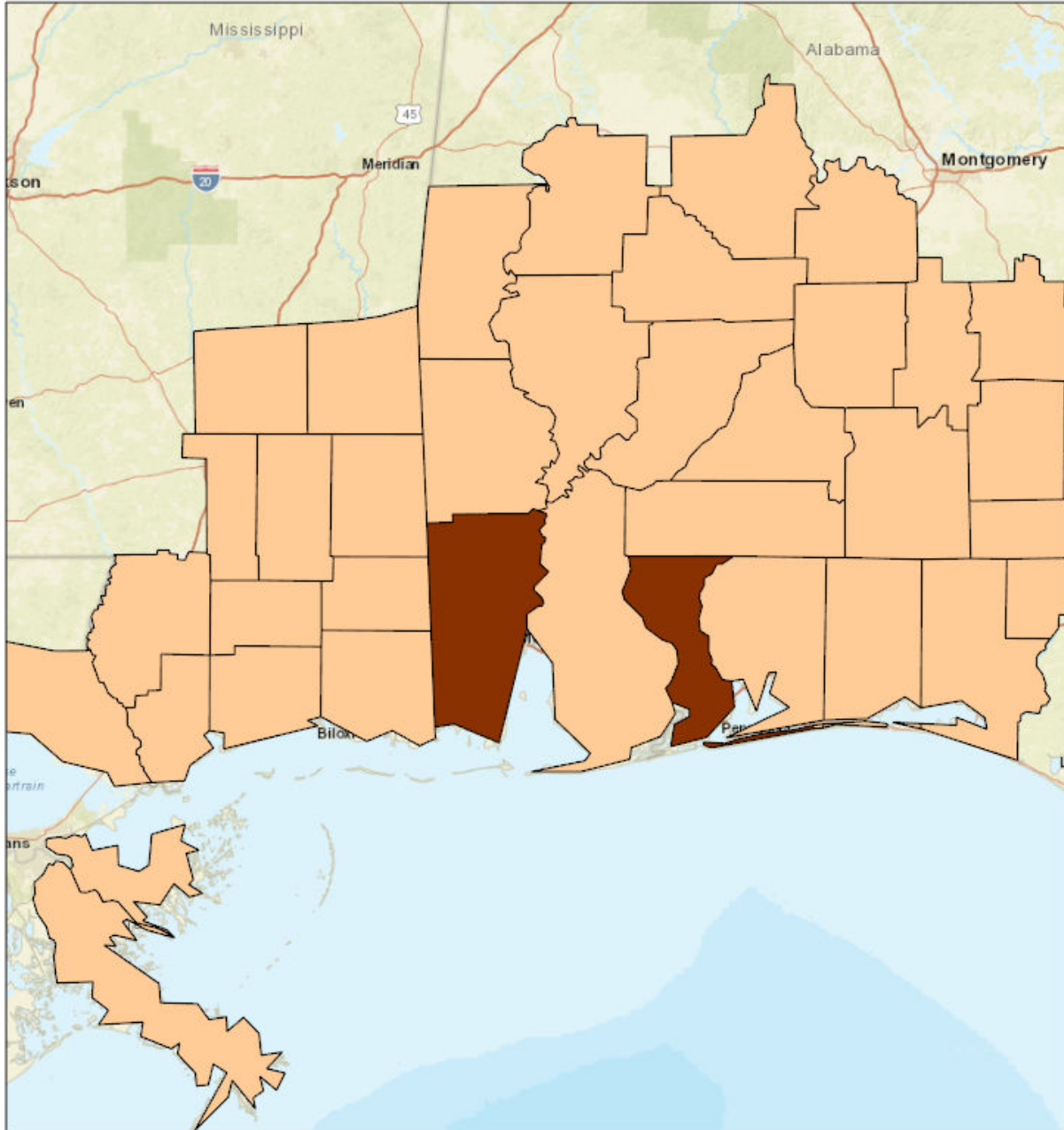
- < 25,000 persons
- 25,000 - 99,000 persons
- 100,000 - 174,999 persons
- 175,000 - 249,000 persons



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

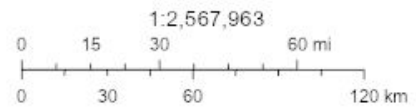
Created by SimSuite

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

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	37
Debris (cu. yd.)	2,346,191
Temporary Roofing (units)	2,937
Population	2,089,814.576
Households	750,916.428

Population Distribution	
Tropical Storm	1,244,226
Category 1	843,698

ALABAMA	Yards of Debris (1,657,560)	Roof Units (2,075)	Population (874,203)	Households (315,247)
Baldwin	442,062	553	186,407	55,336
Butler	0	0	20,159	8,398
Choctaw	0	0	4,243	1,885
Clarke	728	1	25,326	10,087
Coffee	0	0	48,378	17,421
Conecuh	0	0	13,266	5,792
Covington	0	0	36,768	15,640
Crenshaw	0	0	13,812	5,577
Dallas	0	0	8,400	3,498
Escambia	0	0	37,531	14,297
Geneva	0	0	8,066	3,231
Lowndes	0	0	5,387	2,058
Marengo	0	0	0	0
Mobile	1,199,732	1,502	410,234	150,179
Monroe	0	0	23,425	9,383
Pike	0	0	2,488	984
Washington	15,039	19	17,370	6,705
Wilcox	0	0	12,943	4,776

FLORIDA	Yards of Debris (36,969)	Roof Units (46)	Population (682,587)	Households (228,857)
Escambia	36,969	46	314,018	111,049
Holmes	0	0	400	143
Okaloosa	0	0	191,856	66,269
Santa Rosa	0	0	149,686	43,793
Walton	0	0	26,627	7,602

LOUISIANA	Yards of Debris (0)	Roof Units (0)	Population (62,895)	Households (34,151)
Plaquemines	0	0	25,106	9,021
St. Bernard	0	0	37,764	25,123
St. Tammany	0	0	25	7

MISSISSIPPI	Yards of Debris (651,662)	Roof Units (816)	Population (470,129)	Households (172,662)
Forrest	0	0	21,705	7,278
George	53,879	67	22,076	6,744
Greene	13,117	16	13,959	4,148
Hancock	0	0	40,492	16,897
Harrison	197,113	247	183,031	71,543
Jackson	380,868	477	135,395	47,676
Jones	0	0	1,396	500
Pearl River	0	0	3,678	1,130
Perry	1,061	1	11,505	4,154
Stone	5,624	7	16,166	4,734
Wayne	0	0	20,726	7,857

Critical Infrastructure

Summary			
Total Critical Facilities		1,528	
Power Requirements (kW)		48,930.3	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (22)	1.1	35 - 75	60.5
Cellular Towers (81)	48.6	35 - 75	2,673.0
FM Antennas (48)	2.4	35 - 75	132.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (81)	0.0	200 - 300	0.0
Public Schools (258)	77.4	200 - 300	19,350.0
Colleges and Universities (18)	0.4	200 - 300	90.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (152)	15.2	15 - 35	380.0
Fire Stations (179)	17.9	15 - 35	447.5
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (85)	12.8	35 - 100	860.6
Hospitals (19)	5.7	800 - 2000	7,980.0
Urgent Care Facilities (16)	3.2	200 - 300	800.0
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 (17)	0.0	15 - 35	0.0
National Security Government Military Facilities (110)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (15)	3.0	400 - 600	1,500.0
Local Police (37)	3.7	15 - 35	92.5
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 (6)	1.2	15 - 40	33.0
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 (1)	0.1	100 - 200	15.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (248)	0.0	600 - 1200	0.0
Amtrak Stations (4)	0.0	100 - 300	0.0
Bus Stations (24)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (13)	0.0	100 - 300	0.0
Railroad Stations (4)	0.0	100 - 300	0.0
Public-Use Airports (61)	7.3	40 - 100	512.4

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (25)	10.0	800 - 2000	14,000.0

COVID-19

#	County	Cases
1	Mobile	12,528
2	Escambia	11,867
3	St. Tammany	6,637
4	Santa Rosa	5,126
5	Baldwin	4,781
6	Okaloosa	4,620
7	Harrison	3,619
8	Jackson	3,290
9	Jones	2,293
10	Forrest	2,277
11	Walton	1,812
12	Dallas	1,475
13	St. Bernard	1,328
14	Escambia	1,300
15	Coffee	1,044
16	Clarke	935
17	Pike	882
18	Butler	866
19	Wayne	863
20	Covington	842
21	Pearl River	822
22	George	729
23	Holmes	702
24	Plaquemines	662
25	Marengo	660
26	Lowndes	604
27	Hancock	538
28	Washington	507
29	Wilcox	480
30	Monroe	445
31	Conecuh	444
32	Crenshaw	421
33	Geneva	418
34	Perry	374
35	Stone	341
36	Choctaw	331
37	Greene	326

