



US Army Corps
of Engineers®
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Hurricane Sally Adv. #17

For Planning Purposes Only!

WASHINGTON, DC
11:28:37
15 Sep 2020

CHICAGO
10:28:37
15 Sep 2020

LOS ANGELES
08:28:37
15 Sep 2020

<https://go.usa.gov/xG55c>

Updated as of 15 Sep 2020 (10:28 AM Central Daylight Time)



Debris

3,555,033

cu. yd.

Alabama 52% (1,852,815)

Florida 36% (1,290,765)

Mississippi 12% (411,452)

Louisiana <1% (0)



Temporary Roofing

4,265

units

Alabama 52% (2,223)

Florida 36% (1,548)

Mississippi 12% (494)

Louisiana <1% (0)



Population

2,489,517

people

Alabama 56% (1,402,991)

Florida 29% (719,037)

Mississippi 14% (358,424)

Louisiana <1% (9,065)



Households

880,485

households

Alabama 57% (505,482)

Florida 27% (239,634)

Mississippi 15% (131,385)

Louisiana <1% (3,984)

Critical Infrastructure Summary

Total

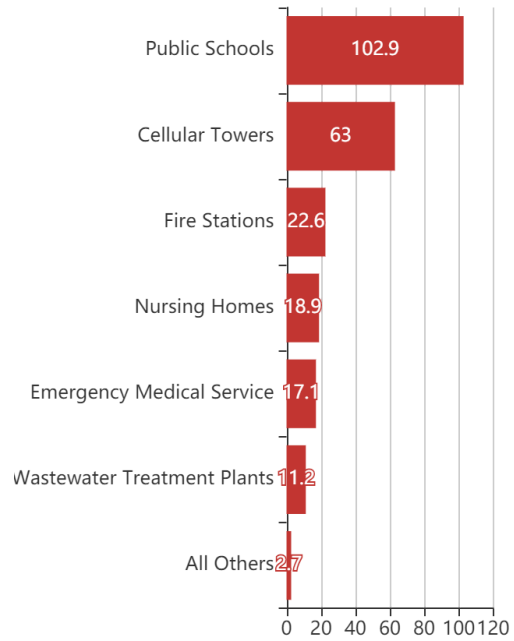


Power Requirements



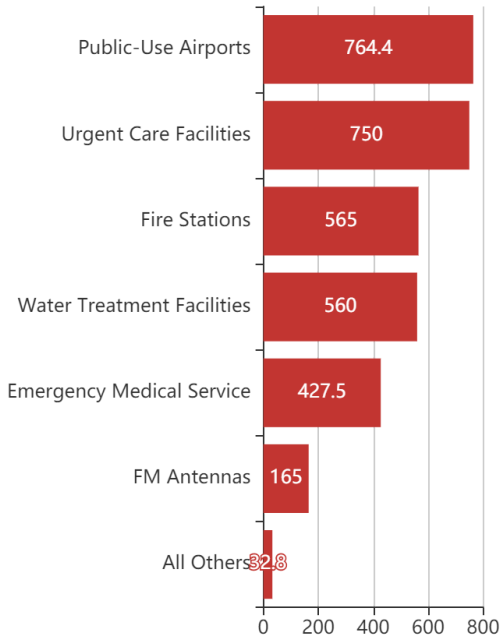
Generators

By Generator Count



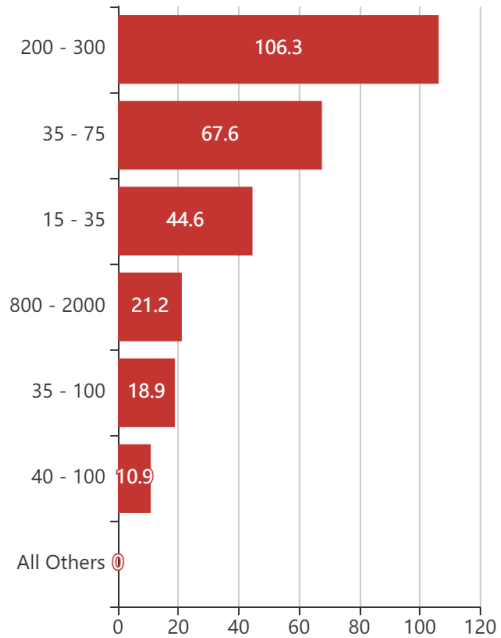
Generators

By Power Requirement



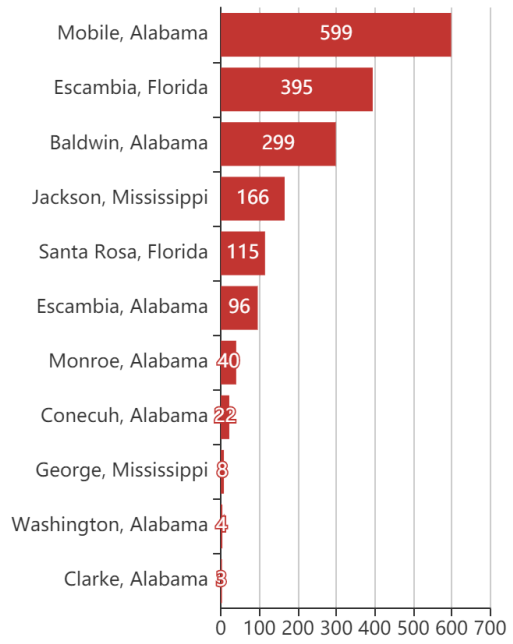
Generators

By Range



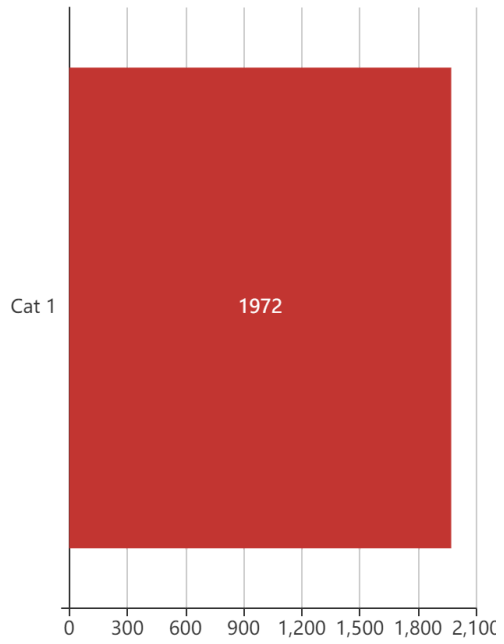
Structures

By County



Structures

By Intensity





Key Messages for Hurricane Sally

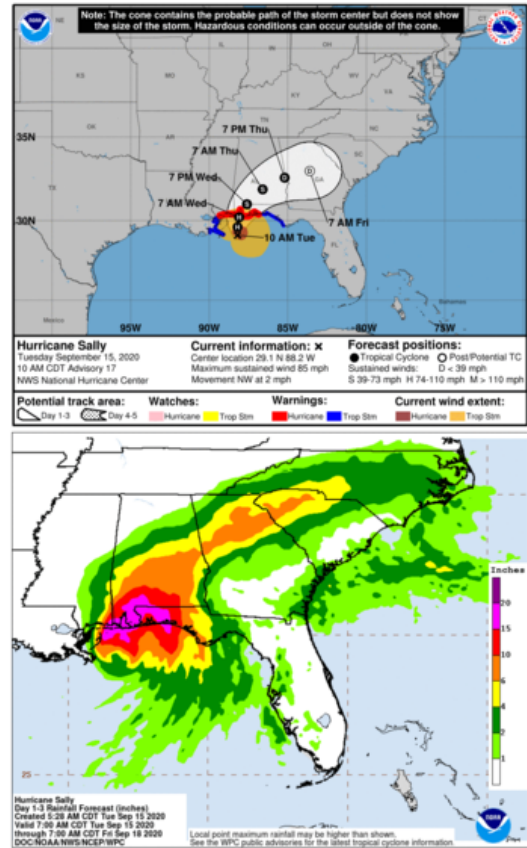
Advisory 17: 10:00 AM CDT Tue Sep 15, 2020



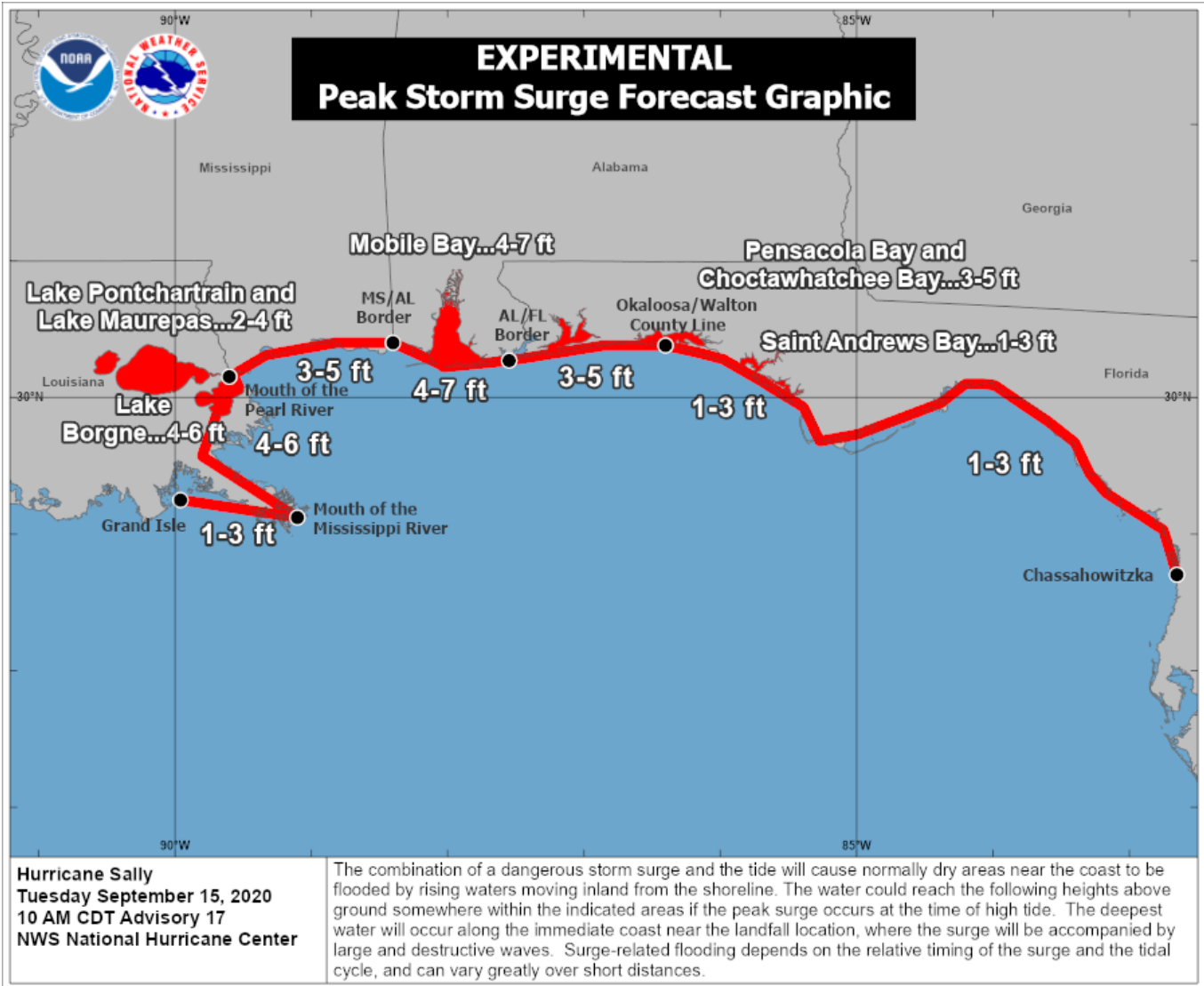
1. Life-threatening storm surge is expected from the Mouth of the Mississippi River to the Okaloosa/Walton County Line in the Florida Panhandle. The highest inundation is expected along the Alabama coast, including Mobile Bay.

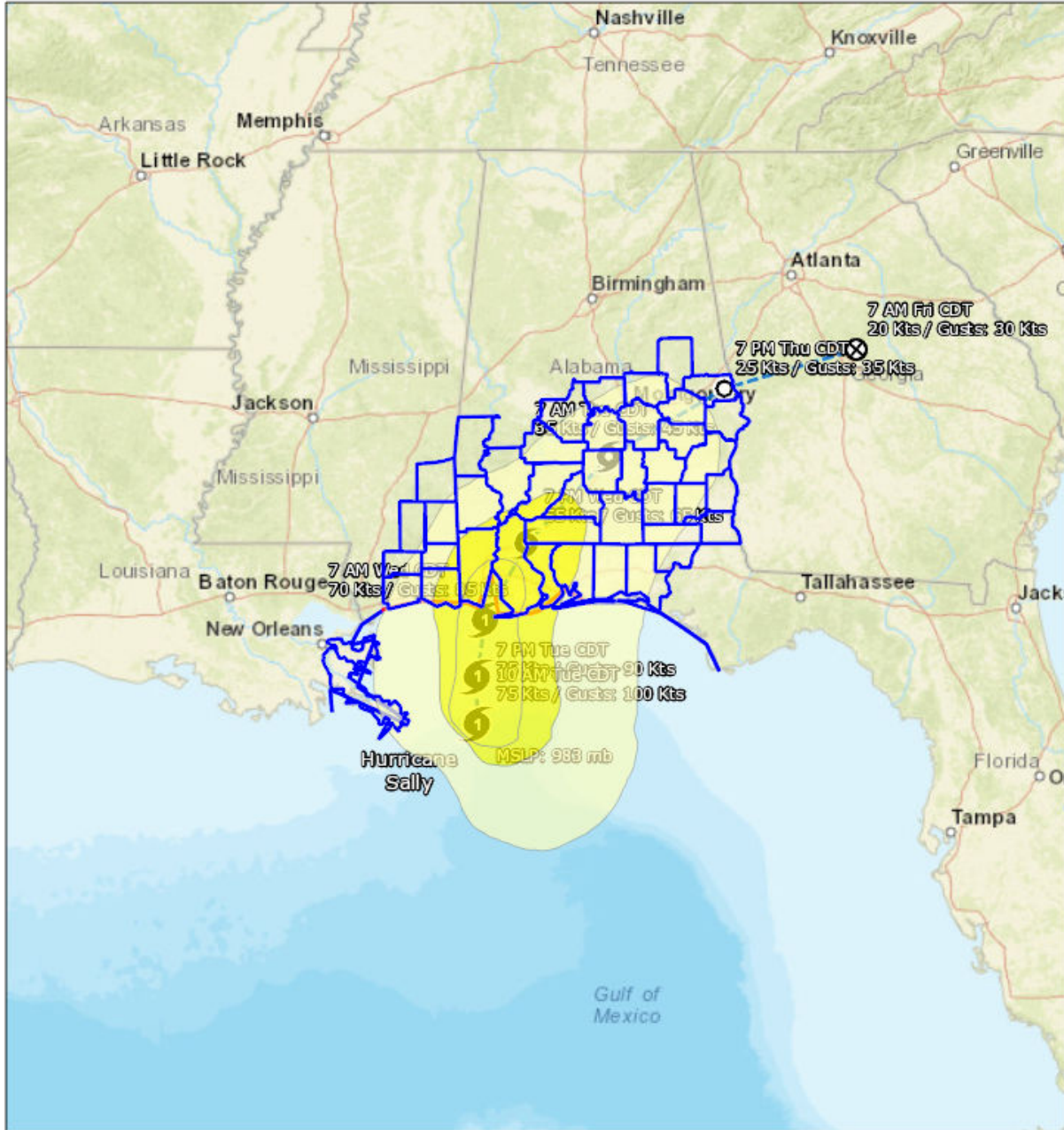
2. Historic life-threatening flash flooding is likely through Wednesday along and just inland of the coast from the western Florida Panhandle to far southeastern Mississippi. Widespread moderate to major river flooding is forecast along and just inland of the central Gulf Coast. Significant flash and urban flooding, as well as widespread minor to moderate river flooding, are likely across inland portions of Mississippi, Alabama, northern Georgia, and the western Carolinas through the week.

3. Hurricane conditions are expected today within portions of the Hurricane Warning area along the Mississippi and Alabama coastlines and the western Florida Panhandle.

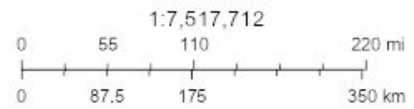


For more information go to hurricanes.gov





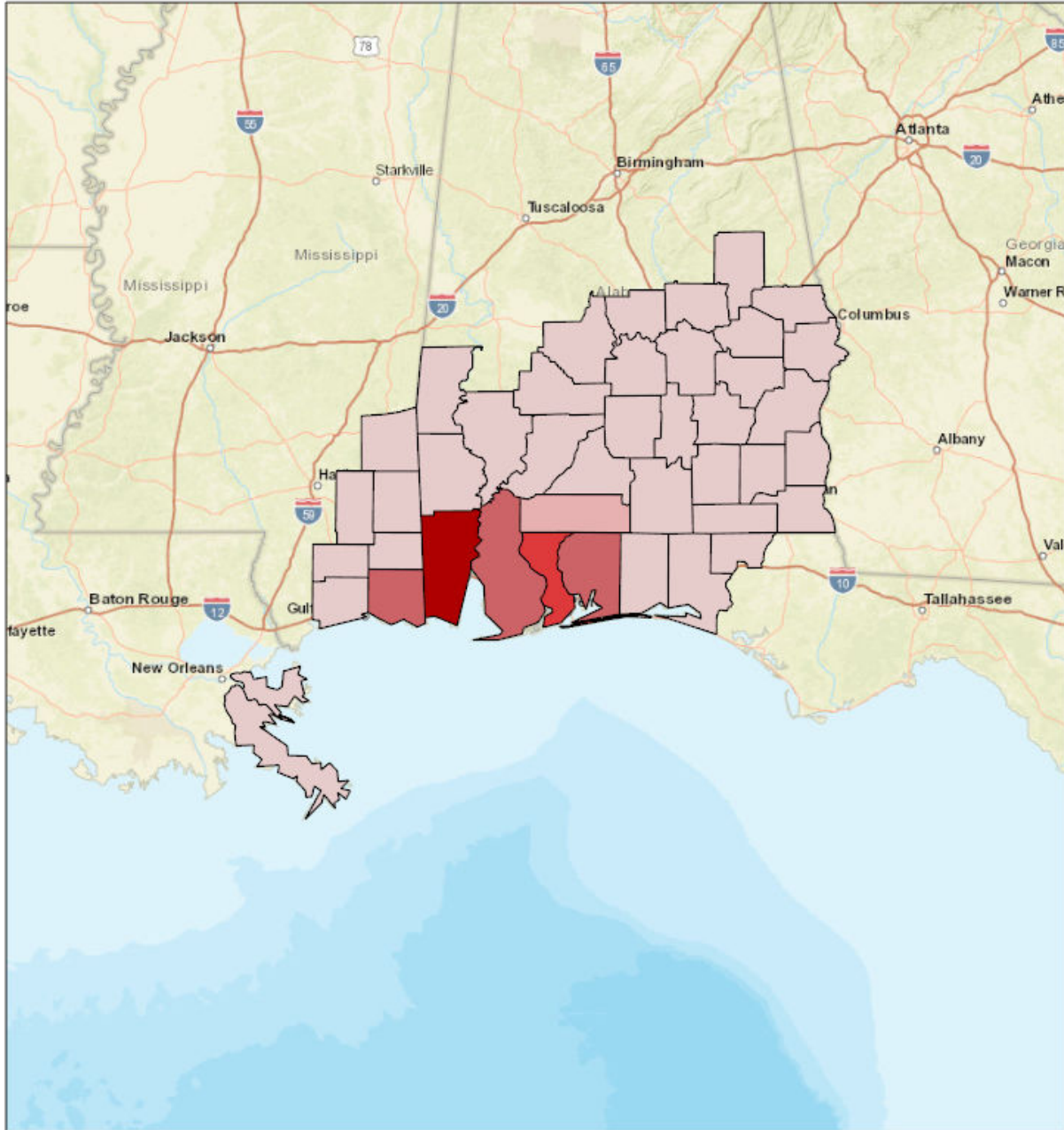
- Counties
- Mission Model Swaths
- TS
- Cat 1
- 120-hr Forecast Track Line







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

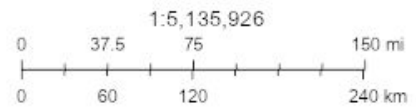
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Debris



Debris

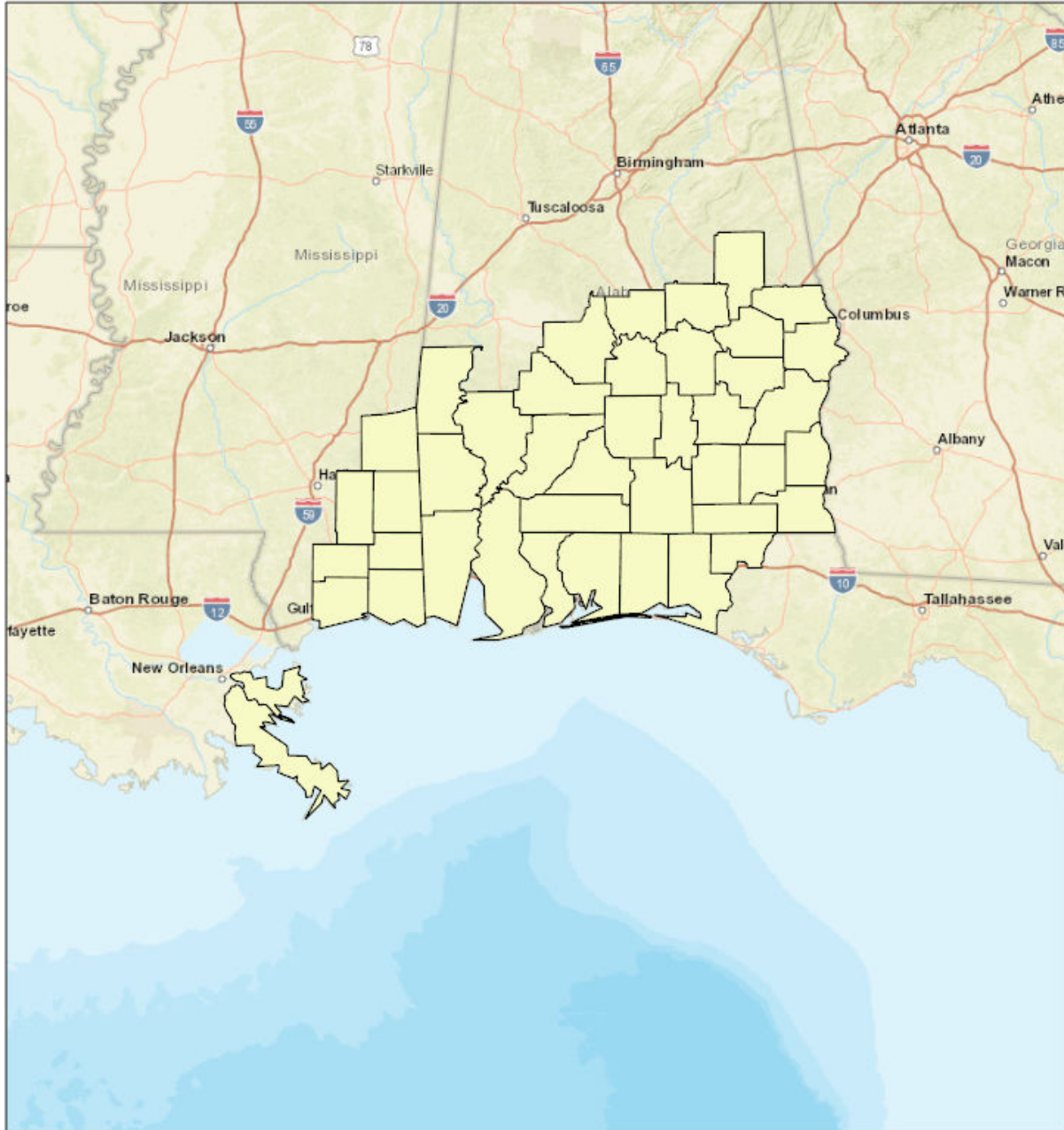
-  < 100,000 cubic yards
-  100,000 - 249,000 cubic yards
-  250,000 - 499,999 cubic yards
-  500,000 - 999,999 cubic yards



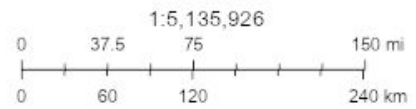
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Temporary Roofing



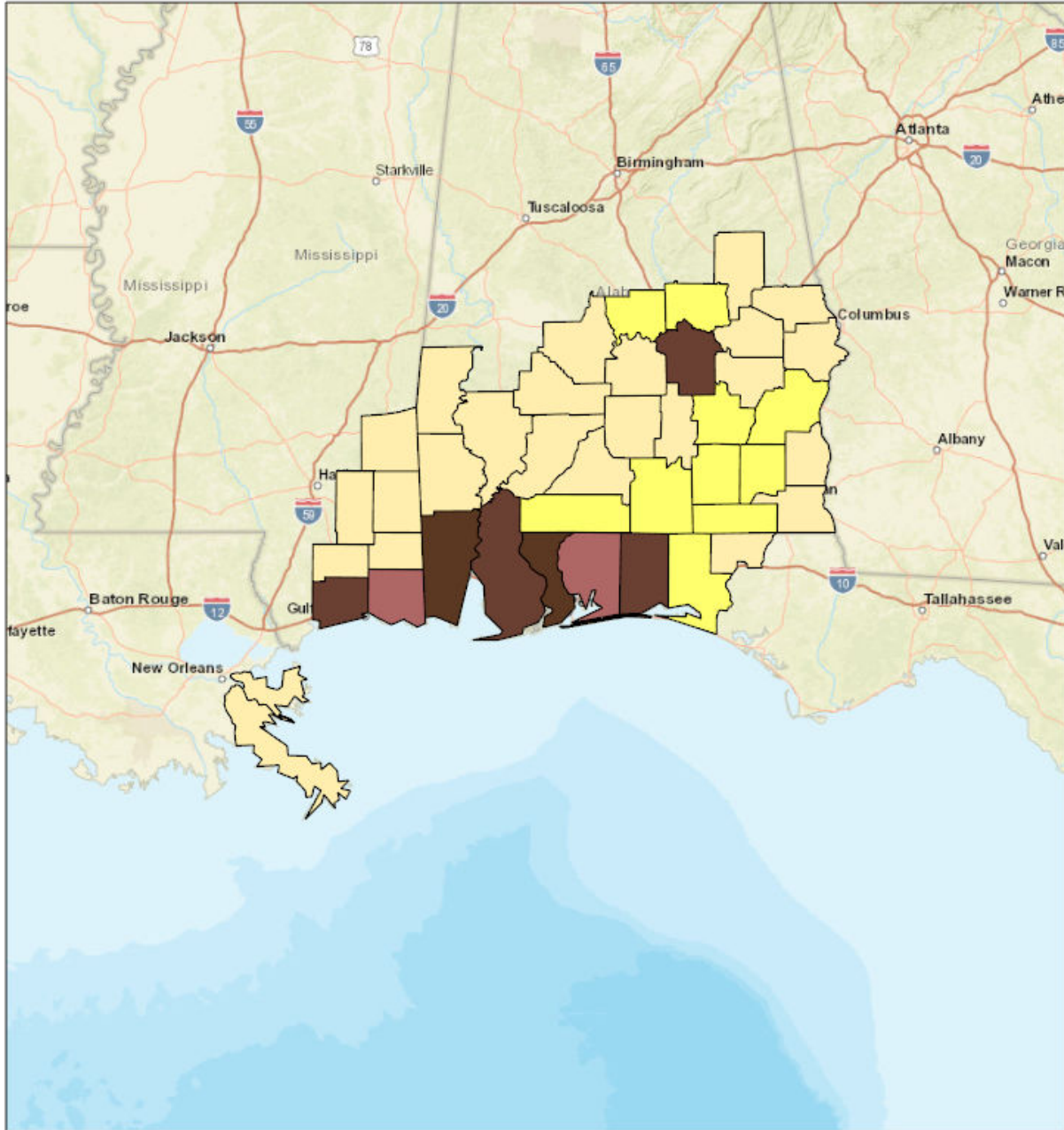
Debris
 < 2,000 units



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

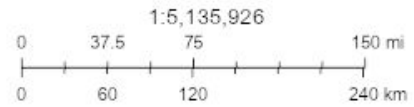
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Population



Debris

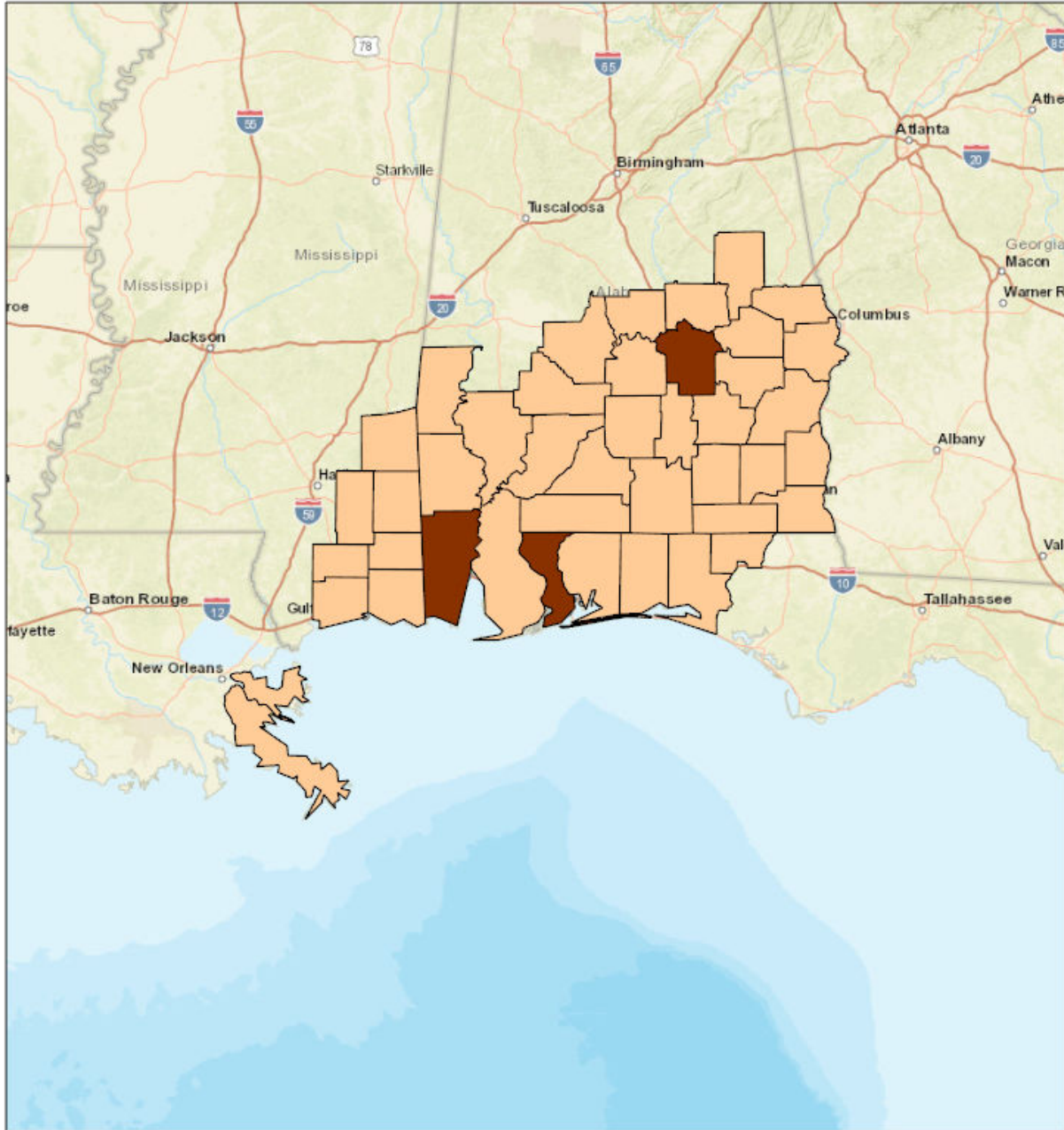
-  < 25,000 persons
-  25,000 - 99,000 persons
-  100,000 - 174,999 persons
-  175,000 - 249,000 persons



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

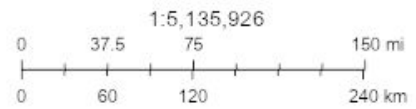
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Households



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	43
Debris (cu. yd.)	3,555,033
Temporary Roofing (units)	4,265
Population	2,489,516.878
Households	880,485.161
Population Distribution	
Tropical Storm	1,236,987
Category 1	1,231,895

ALABAMA	Yards of Debris (1,852,815)	Roof Units (2,223)	Population (1,402,991)	Households (505,482)
Autauga	0	0	51,766	16,003
Baldwin	461,282	553	186,407	55,336
Barbour	0	0	28,759	10,409
Bullock	0	0	10,926	3,986
Butler	0	0	20,159	8,398
Choctaw	0	0	45	20
Clarke	4,916	6	18,669	7,435
Coffee	0	0	48,378	17,421
Conecuh	18,829	23	13,272	5,794
Covington	0	0	36,768	15,640
Crenshaw	0	0	13,812	5,577
Dale	0	0	48,162	18,878
Dallas	0	0	18,738	7,804
Elmore	0	0	80,859	22,737
Escambia	119,180	143	37,531	14,297
Geneva	0	0	26,158	10,477
Henry	0	0	1,725	667
Houston	0	0	3,030	1,076
Lee	0	0	775	258
Lowndes	0	0	12,852	4,909
Macon	0	0	22,463	8,950
Mobile	1,217,184	1,460	398,860	146,015
Monroe	26,932	32	23,425	9,383
Montgomery	0	0	227,425	86,068
Pike	0	0	30,173	11,933
Russell	0	0	8,002	3,046
Tallapoosa	0	0	5,110	2,090
Washington	4,492	5	15,799	6,099
Wilcox	0	0	12,943	4,776

FLORIDA	Yards of Debris (1,290,765)	Roof Units (1,548)	Population (719,037)	Households (239,634)
Escambia	925,706	1,110	314,018	111,049
Holmes	0	0	5,517	1,975
Okaloosa	0	0	191,856	66,269
Santa Rosa	365,059	438	149,686	43,793
Walton	0	0	57,960	16,548

LOUISIANA	Yards of Debris (0)	Roof Units (0)	Population (9,065)	Households (3,984)
Plaquemines	0	0	6,690	2,404
St. Bernard	0	0	2,374	1,580

MISSISSIPPI	Yards of Debris (411,452)	Roof Units (494)	Population (358,424)	Households (131,385)
George	13,985	17	22,075	6,744
Greene	39	0	10,476	3,113
Harrison	0	0	183,018	71,538
Jackson	397,428	477	135,395	47,676
Perry	0	0	721	260
Stone	0	0	5,809	1,701
Wayne	0	0	929	352

Critical Infrastructure

Summary			
Total Critical Facilities		1,972	
Power Requirements (kW)		65,682.3	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (31)	1.6	35 - 75	85.3
Cellular Towers (105)	63.0	35 - 75	3,465.0
FM Antennas (60)	3.0	35 - 75	165.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (99)	0.0	200 - 300	0.0
Public Schools (343)	102.9	200 - 300	25,725.0
Colleges and Universities (22)	0.4	200 - 300	110.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (2)	0.2	15 - 35	5.0
Emergency Medical Service (171)	17.1	15 - 35	427.5
Fire Stations (226)	22.6	15 - 35	565.0
Service Providers (3)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (126)	18.9	35 - 100	1,275.8
Hospitals (32)	9.6	800 - 2000	13,440.0
Urgent Care Facilities (15)	3.0	200 - 300	750.0
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 (14)	0.0	15 - 35	0.0
National Security Government Military Facilities (214)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (25)	5.0	400 - 600	2,500.0
Local Police (43)	4.3	15 - 35	107.5
State Police (7)	0.4	15 - 35	8.8
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 (257)	0.0	600 - 1200	0.0
Amtrak Stations (5)	0.0	100 - 300	0.0
Bus Stations (27)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (12)	0.0	100 - 300	0.0
Railroad Stations (6)	0.0	100 - 300	0.0
Public-Use Airports (91)	10.9	40 - 100	764.4

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (1)	0.4	800 - 2000	560.0
Wastewater Treatment Plants (28)	11.2	800 - 2000	15,680.0

COVID-19

#	County	Cases
1	Mobile	12,559
2	Escambia	11,891
3	Montgomery	8,188
4	Santa Rosa	5,139
5	Baldwin	4,800
6	Okaloosa	4,637
7	Harrison	3,625
8	Lee	3,622
9	Jackson	3,297
10	Elmore	2,223
11	Houston	2,016
12	Walton	1,830
13	Russell	1,578
14	Dallas	1,475
15	Autauga	1,447
16	St. Bernard	1,335
17	Escambia	1,302
18	Dale	1,094
19	Coffee	1,047
20	Tallapoosa	958
21	Clarke	936
22	Pike	883
23	Butler	867
24	Wayne	863
25	Covington	845
26	George	729
27	Holmes	707
28	Plaquemines	663
29	Barbour	626
30	Lowndes	606
31	Bullock	558
32	Washington	509
33	Wilcox	480
34	Monroe	445
35	Conecuh	444
36	Geneva	424
37	Crenshaw	421
38	Macon	421
39	Perry	374

40	Henry	362
41	Stone	343
42	Choctaw	331
43	Greene	326

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