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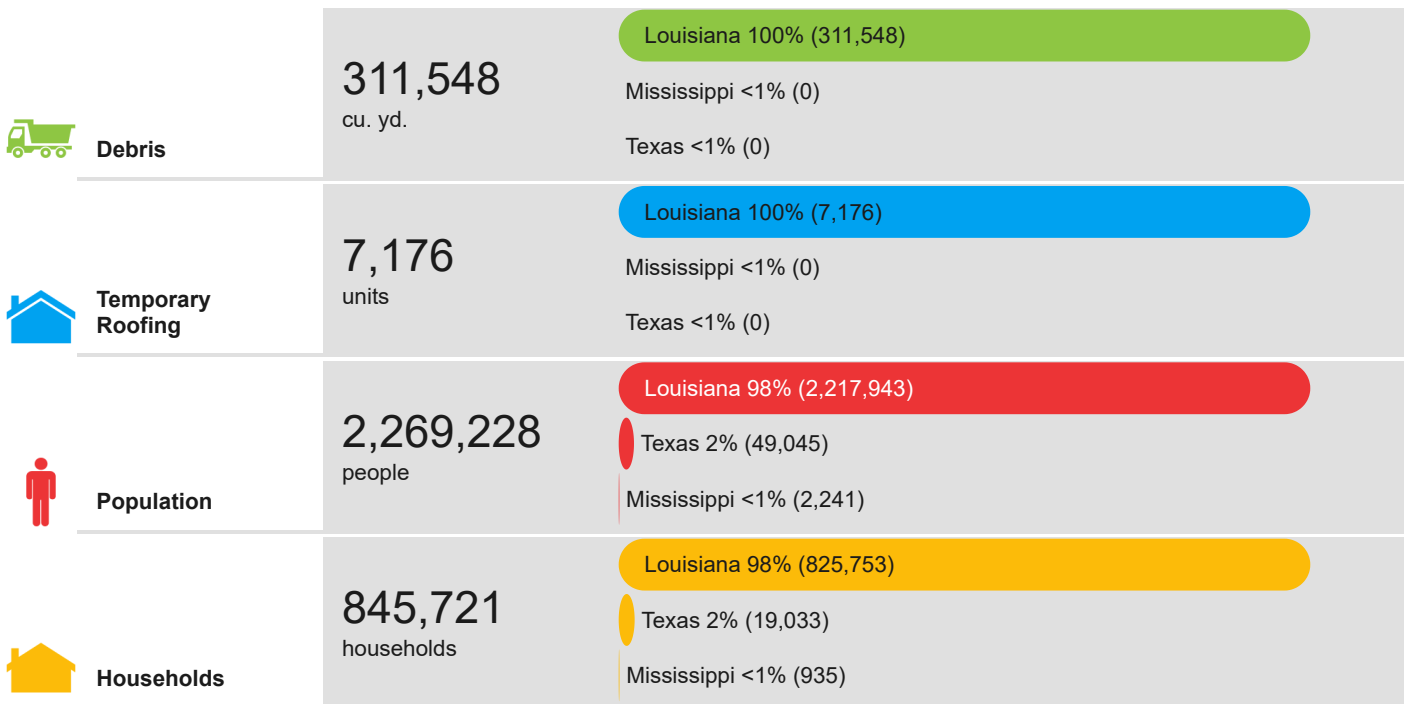
Hurricane Marco Adv. #12

For Planning Purposes Only!

WASHINGTON, DC 09:23:16 23 Aug 2020	CHICAGO 08:23:16 23 Aug 2020	LOS ANGELES 06:23:16 23 Aug 2020
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Updated as of 23 Aug 2020 (8:23 AM Central Daylight Time)



Critical Infrastructure Summary

Total

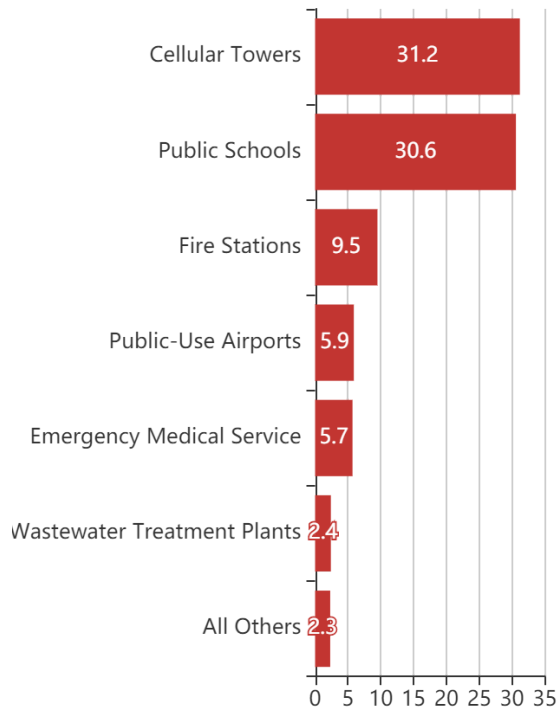


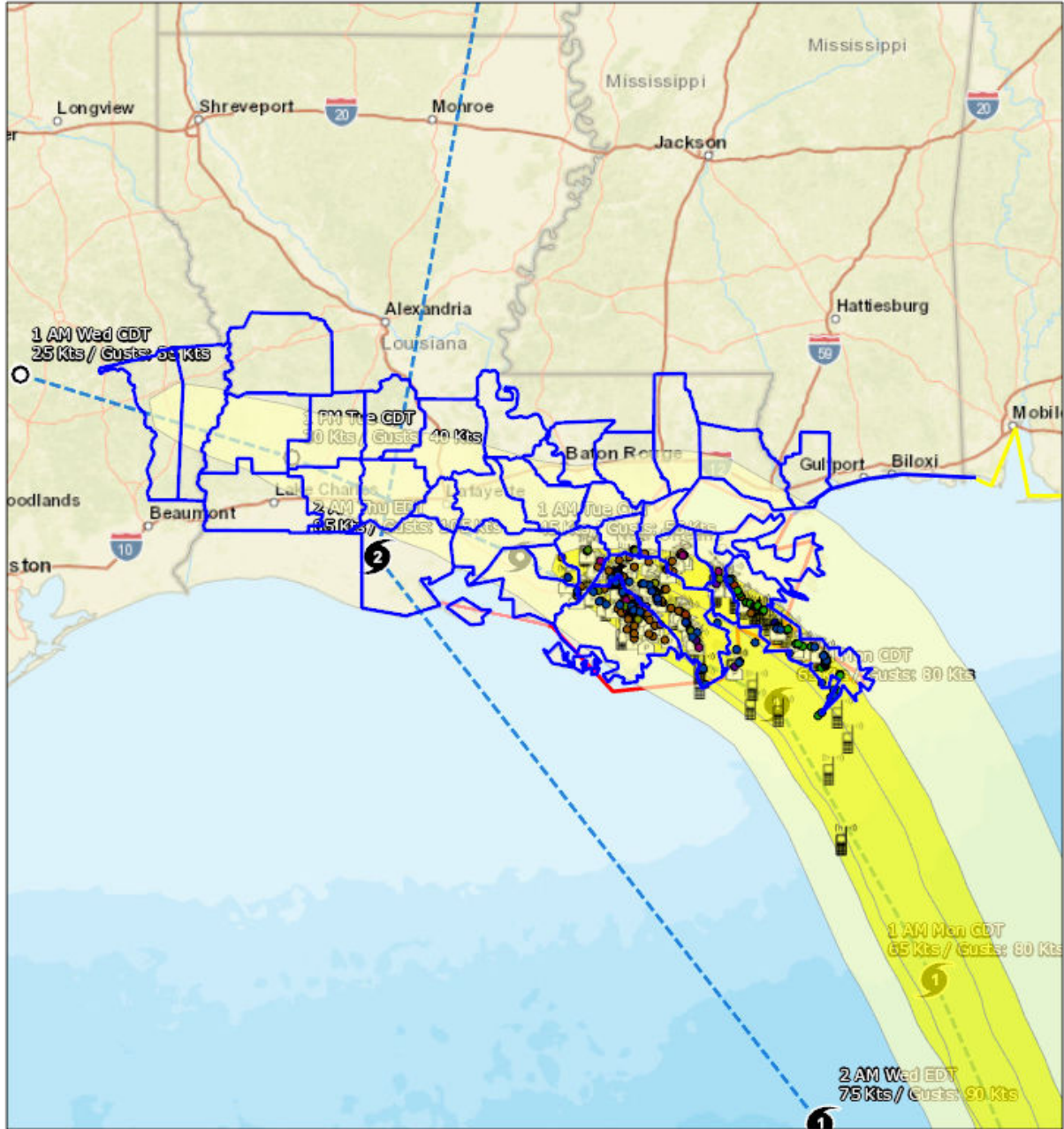
Power Requirements



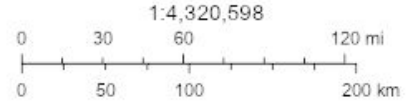
Generators

By Generator Count





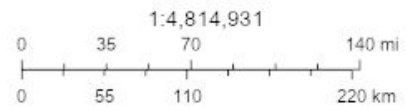
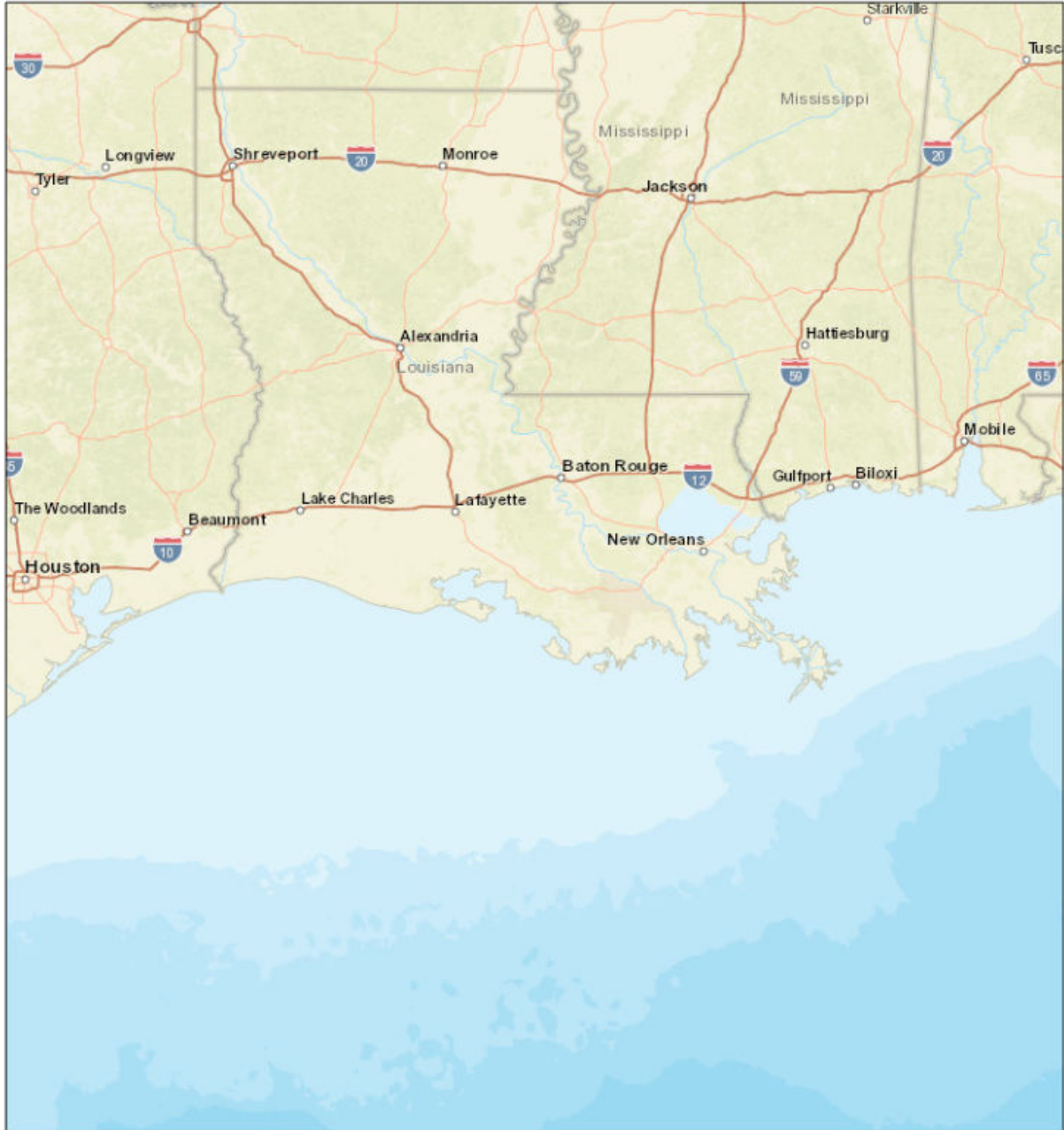
- | | |
|-------------------|---------------------------|
| Counties | Public Schools |
| Structures | Colleges and Universities |
| AM Antennas | Emergency Medical Service |
| Cellular Towers | Fire Stations |
| FM Antennas | Nursing Homes |
| Private Schools | Hospitals |



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



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	34
Debris (cu. yd.)	311,548
Temporary Roofing (units)	7,176
Population	2,269,228.422
Households	845,721.038
Population Distribution	
Tropical Storm	1,771,267
Category 1	366,111

LOUISIANA	Yards of Debris (311,548)	Roof Units (7,176)	Population (2,217,943)	Households (825,753)
Acadia	0	0	60,988	21,142
Allen	0	0	25,818	8,102
Ascension	0	0	107,959	26,691
Assumption	14,308	330	23,119	8,239
Beauregard	0	0	35,093	12,104
Calcasieu	0	0	23,184	8,478
East Baton Rouge	0	0	118,718	43,096
Evangeline	0	0	13,964	4,939
Iberia	0	0	75,402	25,381
Iberville	0	0	32,992	10,674
Jefferson	170,085	3,918	241,926	97,938
Jefferson Davis	0	0	31,375	11,480
Lafayette	0	0	210,850	72,372
Lafourche	55,498	1,278	93,506	31,957
Livingston	0	0	125,599	32,630
Orleans	0	0	351,222	188,251
Plaquemines	10,707	247	17,158	6,165
Pointe Coupee	0	0	1,801	663
St. Bernard	0	0	37,764	25,123
St. Charles	28,520	657	52,742	16,422
St. James	1,711	39	21,505	6,992
St. John the Baptist	2,037	47	47,737	14,283
St. Landry	0	0	93,358	32,328
St. Martin	0	0	52,518	17,164
St. Mary	873	20	43,578	16,522
St. Tammany	0	0	105,584	30,740
Tangipahoa	0	0	39,310	11,998
Terrebonne	27,809	641	96,175	31,379
Vermilion	0	0	13,600	4,743
Vernon	0	0	237	96
West Baton Rouge	0	0	23,162	7,663
MISSISSIPPI	Yards of Debris (0)	Roof Units (0)	Population (2,241)	Households (935)
Hancock	0	0	2,241	935
TEXAS	Yards of Debris (0)	Roof Units (0)	Population (49,045)	Households (19,033)
Jasper	0	0	34,760	13,450
Newton	0	0	14,285	5,583

COVID-19

#	County	Cases
1	Jefferson	16,006
2	East Baton Rouge	13,226
3	Orleans	11,134
4	Lafayette	8,103
5	Calcasieu	7,235
6	St. Tammany	5,760
7	Tangipahoa	3,899
8	Terrebonne	3,285
9	Livingston	3,236
10	Ascension	3,175
11	Lafourche	3,073
12	St. Landry	2,976
13	Acadia	2,735
14	Iberia	2,648
15	St. Martin	1,827
16	Vermilion	1,768
17	St. Mary	1,711
18	St. Charles	1,568
19	St. John the Baptist	1,484
20	Allen	1,402
21	Iberville	1,318
22	St. Bernard	1,169
23	Jefferson Davis	1,111
24	Evangeline	995
25	Beauregard	928
26	Pointe Coupee	874
27	Vernon	869
28	West Baton Rouge	771
29	St. James	745
30	Assumption	628
31	Plaquemines	481
32	Hancock	450
33	Jasper	393
34	Newton	162

Critical Infrastructure

Summary			
Total Critical Facilities		589	
Power Requirements (kW)		17,807.8	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (6)	0.3	35 - 75	16.5
Cellular Towers (52)	31.2	35 - 75	1,716.0
FM Antennas (16)	0.8	35 - 75	44.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (14)	0.0	200 - 300	0.0
Public Schools (102)	30.6	200 - 300	7,650.0
Colleges and Universities (7)	0.1	200 - 300	35.0
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 (95)	9.5	15 - 35	237.5
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (15)	2.3	35 - 100	151.9
Hospitals (8)	2.4	800 - 2000	3,360.0
Urgent Care Facilities (3)	0.6	200 - 300	150.0
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 (3)	0.0	15 - 35	0.0
National Security Government Military Facilities (21)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (5)	1.0	400 - 600	500.0
Local Police (6)	0.6	15 - 35	15.0
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 (114)	0.0	600 - 1200	0.0
Amtrak Stations (1)	0.0	100 - 300	0.0
Bus Stations (4)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (0)	0.0	100 - 300	0.0
Railroad Stations (1)	0.0	100 - 300	0.0
Public-Use Airports (49)	5.9	40 - 100	411.6

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (6)	2.4	800 - 2000	3,360.0

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