



US Army Corps  
of Engineers®  
BUILDING STRONG®

# Hurricane Marco Adv. #13

For Planning Purposes Only!

WASHINGTON, DC  
12:24:37  
23 Aug 2020

CHICAGO  
11:24:37  
23 Aug 2020

LOS ANGELES  
09:24:37  
23 Aug 2020

[https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?\\_65=142](https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?_65=142)

Updated as of 23 Aug 2020 (11:24 AM Central Daylight Time)

	<b>Debris</b>	311,548 cu. yd.	<div style="background-color: #76b82a; border-radius: 10px; padding: 5px;">Louisiana 100% (311,548)</div> Mississippi <1% (0) Texas <1% (0)
	<b>Temporary Roofing</b>	1,794 units	<div style="background-color: #3498db; border-radius: 10px; padding: 5px;">Louisiana 100% (1,794)</div> Mississippi <1% (0) Texas <1% (0)
	<b>Population</b>	2,269,228 people	<div style="background-color: #e74c3c; border-radius: 10px; padding: 5px;">Louisiana 98% (2,217,943)</div> Texas 2% (49,045) Mississippi <1% (2,241)
	<b>Households</b>	845,721 households	<div style="background-color: #f1c40f; border-radius: 10px; padding: 5px;">Louisiana 98% (825,753)</div> Texas 2% (19,033) Mississippi <1% (935)

## Critical Infrastructure Summary

Total

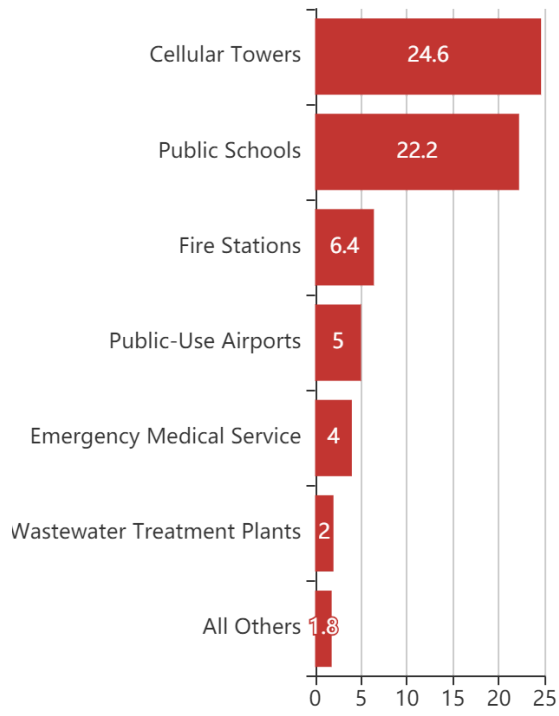


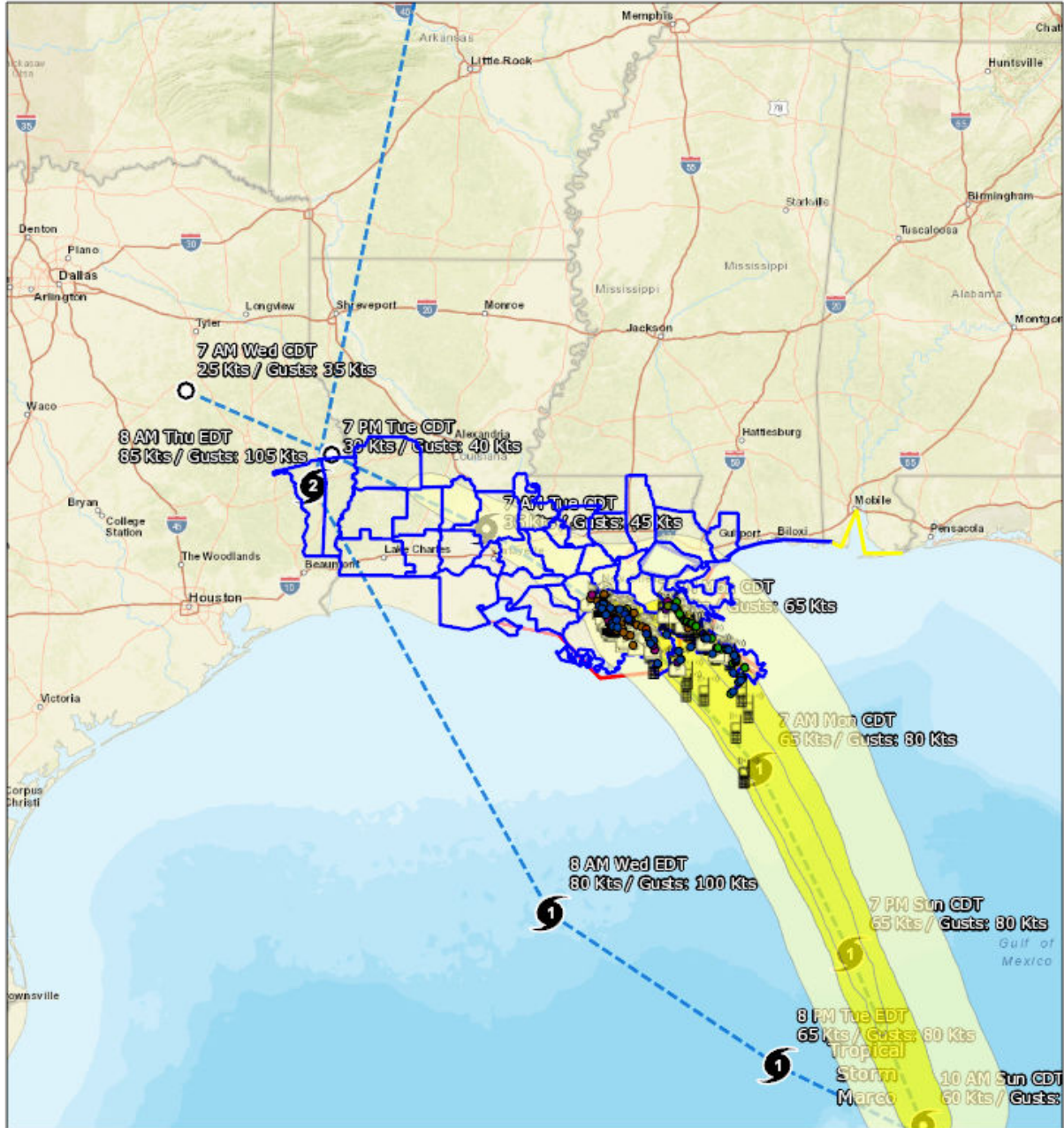
Power Requirements



# Generators

By Generator Count



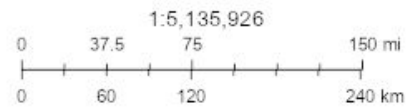
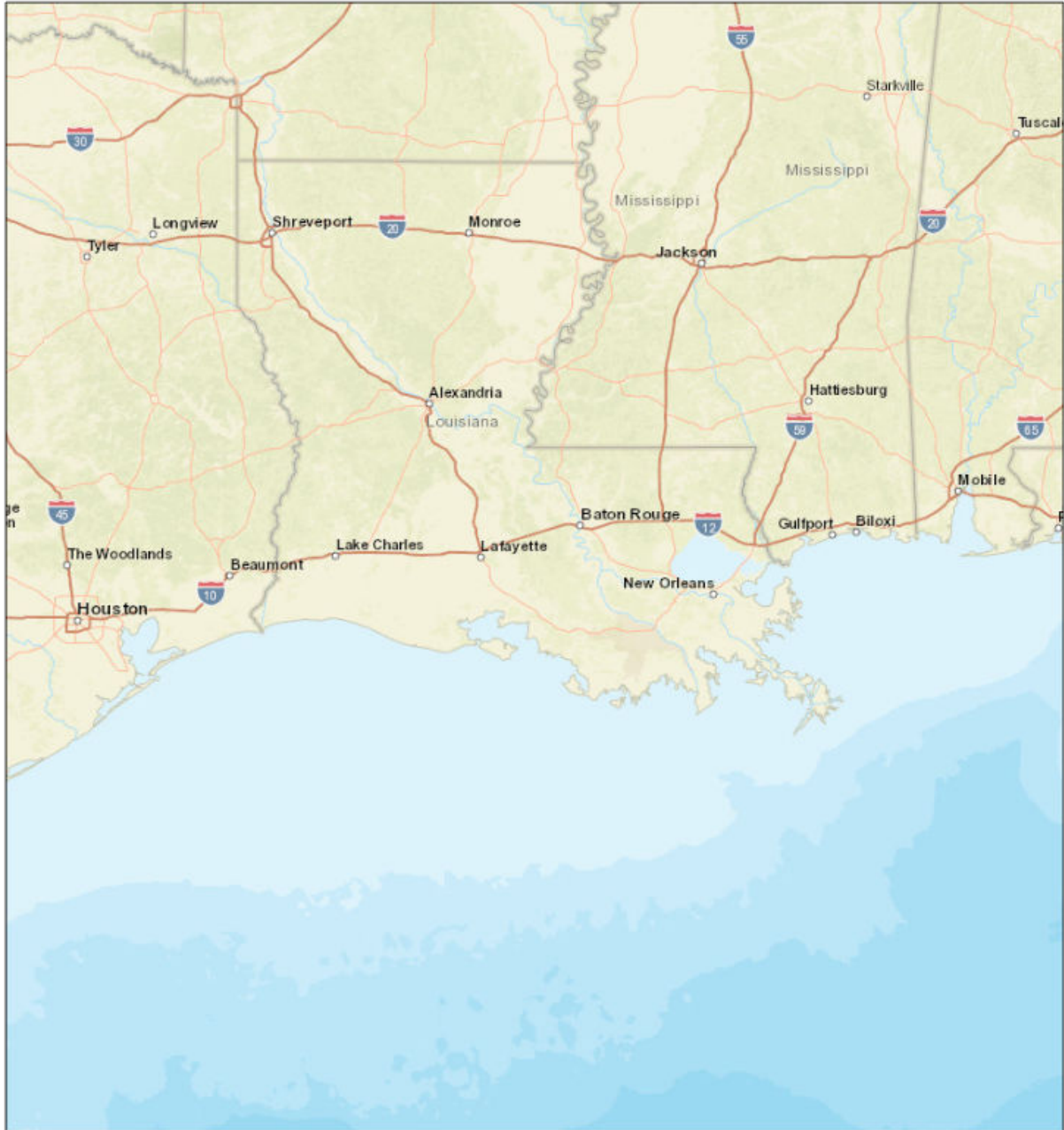


- |                 |                           |
|-----------------|---------------------------|
| Structures      | Colleges and Universities |
| AM Antennas     | Emergency Medical Service |
| Cellular Towers | Fire Stations             |
| FM Antennas     | Nursing Homes             |
| Private Schools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

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



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	34
Debris (cu. yd.)	311,548
Temporary Roofing (units)	1,794
Population	2,269,228.422
Households	845,721.038
Population Distribution	
Tropical Storm	1,771,267
Category 1	366,111

<b>LOUISIANA</b>	<b>Yards of Debris (311,548)</b>	<b>Roof Units (1,794)</b>	<b>Population (2,217,943)</b>	<b>Households (825,753)</b>
Acadia	0	0	60,988	21,142
Allen	0	0	25,818	8,102
Ascension	0	0	107,959	26,691
Assumption	14,308	82	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	979	241,926	97,938
Jefferson Davis	0	0	31,375	11,480
Lafayette	0	0	210,850	72,372
Lafourche	55,498	320	93,506	31,957
Livingston	0	0	125,599	32,630
Orleans	0	0	351,222	188,251
Plaquemines	10,707	62	17,158	6,165
Pointe Coupee	0	0	1,801	663
St. Bernard	0	0	37,764	25,123
St. Charles	28,520	164	52,742	16,422
St. James	1,711	10	21,505	6,992
St. John the Baptist	2,037	12	47,737	14,283
St. Landry	0	0	93,358	32,328
St. Martin	0	0	52,518	17,164
St. Mary	873	5	43,578	16,522
St. Tammany	0	0	105,584	30,740
Tangipahoa	0	0	39,310	11,998
Terrebonne	27,809	160	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
<b>MISSISSIPPI</b>	<b>Yards of Debris (0)</b>	<b>Roof Units (0)</b>	<b>Population (2,241)</b>	<b>Households (935)</b>
Hancock	0	0	2,241	935
<b>TEXAS</b>	<b>Yards of Debris (0)</b>	<b>Roof Units (0)</b>	<b>Population (49,045)</b>	<b>Households (19,033)</b>
Jasper	0	0	34,760	13,450
Newton	0	0	14,285	5,583

## Critical Infrastructure

Summary			
Total Critical Facilities		467	
Power Requirements (kW)		13,065.2	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (3)	0.2	35 - 75	8.3
Cellular Towers (41)	24.6	35 - 75	1,353.0
FM Antennas (12)	0.6	35 - 75	33.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (11)	0.0	200 - 300	0.0
Public Schools (74)	22.2	200 - 300	5,550.0
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 (40)	4.0	15 - 35	100.0
Fire Stations (64)	6.4	15 - 35	160.0
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (10)	1.5	35 - 100	101.3
Hospitals (5)	1.5	800 - 2000	2,100.0
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 (2)	0.0	15 - 35	0.0
National Security Government Military Facilities (18)	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 (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 (1)	0.2	15 - 40	5.5
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 (115)	0.0	600 - 1200	0.0
Amtrak Stations (1)	0.0	100 - 300	0.0
Bus Stations (2)	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 (42)	5.0	40 - 100	352.8

<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 (5)	2.0	800 - 2000	2,800.0



## COVID-19

#	County	Cases
1	Jefferson	16,006
2	East Baton Rouge	13,226
3	Orleans	11,134
4	Lafayette	8,103
5	St. Tammany	5,760
6	Tangipahoa	3,899
7	Rapides	3,642
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	St. Mary	1,711
17	St. Charles	1,568
18	St. John the Baptist	1,484
19	Allen	1,402
20	Iberville	1,318
21	Avoyelles	1,196
22	St. Bernard	1,169
23	Evangeline	995
24	Pointe Coupee	874
25	Vernon	869
26	West Baton Rouge	771
27	St. James	745
28	Assumption	628
29	Plaquemines	481
30	Hancock	450

Report Generated by SimSuite  
[https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?\\_65=142](https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?_65=142)