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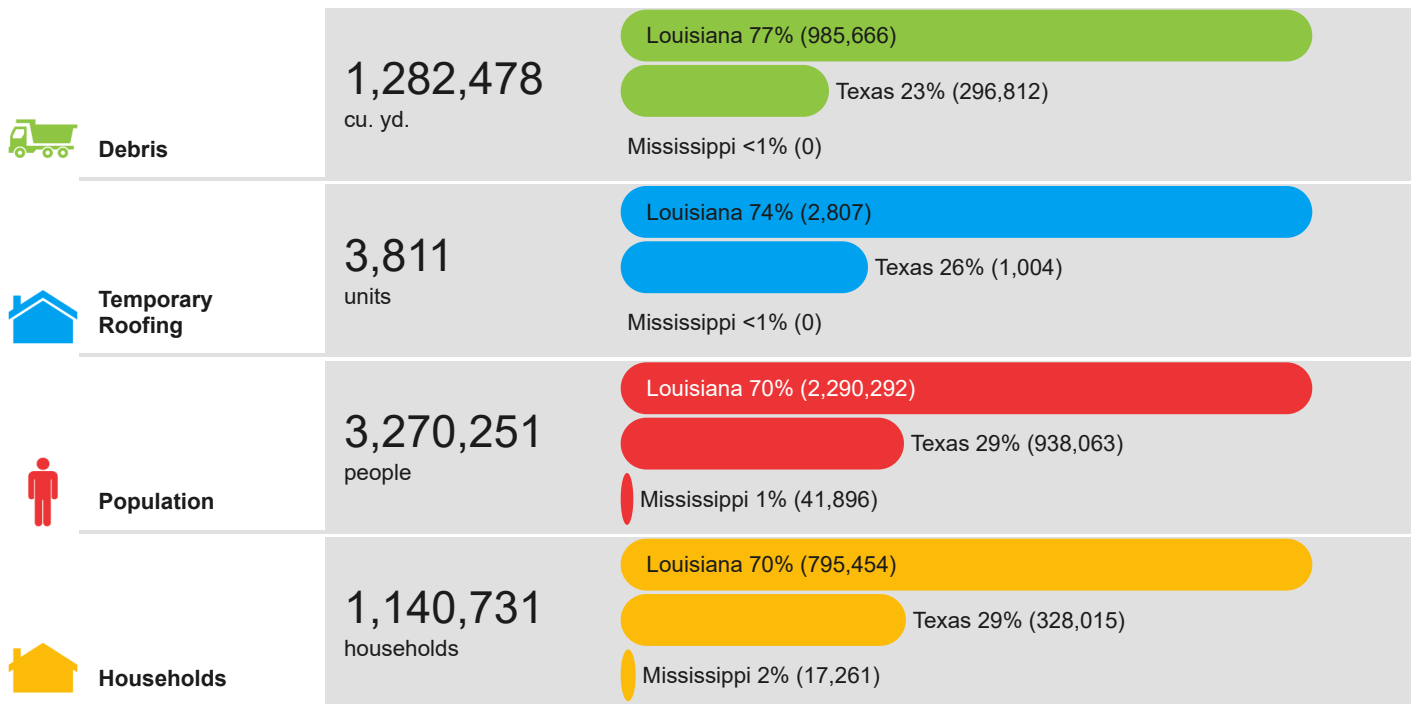
# Hurricane Laura Adv. #18

For Planning Purposes Only!

WASHINGTON, DC <b>08:40:06</b> 24 Aug 2020	CHICAGO <b>07:40:06</b> 24 Aug 2020	LOS ANGELES <b>05:40:06</b> 24 Aug 2020
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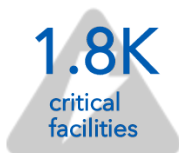
[https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?\\_65=147](https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?_65=147)

Updated as of 24 Aug 2020 (7:40 AM Central Daylight Time)



## Critical Infrastructure Summary

Total

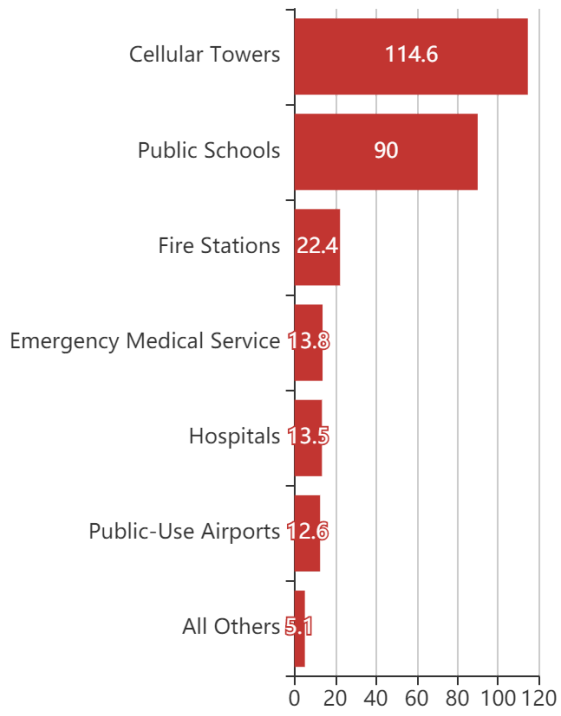


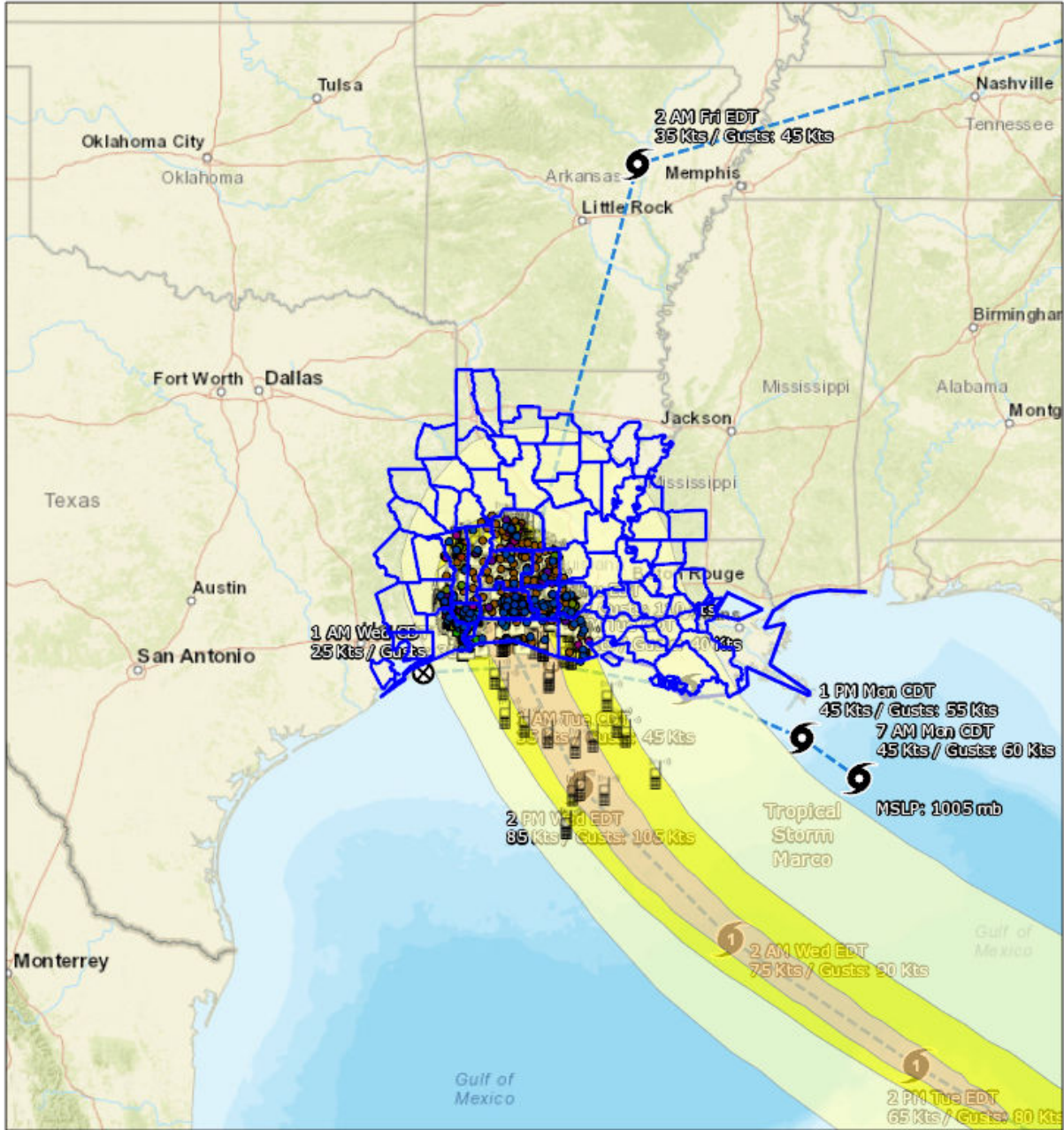
Power Requirements



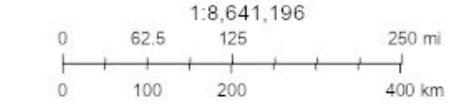
# Generators

By Generator Count





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



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

## 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	64
Debris (cu. yd.)	1,282,478
Temporary Roofing (units)	3,811
Population	3,270,250.9
Households	1,140,730.71

Population Distribution	
Tropical Storm	2,287,252
Category 1	414,491
Category 2	266,487

<b>LOUISIANA</b>	<b>Yards of Debris (985,666)</b>	<b>Roof Units (2,807)</b>	<b>Population (2,290,292)</b>	<b>Households (795,454)</b>
Acadia	55,075	211	60,988	21,142
Allen	23,815	86	25,327	7,948
Ascension	0	0	107,959	26,691
Assumption	0	0	23,119	8,239
Avoyelles	0	0	42,420	14,736
Beauregard	109,118	281	35,093	12,104
Bienville	0	0	6,993	2,873
Bossier	0	0	2,246	724
Caddo	0	0	2,131	819
Calcasieu	618,546	1,595	187,625	68,613
Caldwell	0	0	10,332	3,941
Cameron	32,382	84	7,339	3,592
Catahoula	0	0	10,656	4,082
Concordia	0	0	19,307	7,521
De Soto	0	0	26,524	9,691
East Baton Rouge	0	0	430,746	156,365
East Feliciana	0	0	20,723	6,699
Evangeline	3,634	14	36,010	12,736
Franklin	0	0	1,247	484
Grant	0	0	21,735	7,073
Iberia	0	0	75,402	25,381
Iberville	0	0	32,992	10,674
Jackson	0	0	15,165	6,086
Jefferson Davis	37,703	131	31,375	11,480
La Salle	0	0	14,165	5,291
Lafayette	0	0	210,850	72,372
Lafourche	0	0	93,799	32,057
Livingston	0	0	19,376	5,034
Natchitoches	0	0	39,823	14,263
Pointe Coupee	0	0	22,820	8,397
Rapides	4,945	19	133,494	47,121
Red River	0	0	9,256	3,414
Sabine	1,160	4	23,657	9,221
St. James	0	0	21,505	6,992
St. John the Baptist	0	0	4,858	1,454
St. Landry	59	0	93,359	32,328
St. Martin	0	0	52,518	17,164
St. Mary	0	0	50,951	19,317
Tensas	0	0	19	8
Terrebonne	0	0	110,329	35,997
Vermilion	51,662	198	56,867	19,832
Vernon	47,567	183	45,282	18,260

West Baton Rouge	0	0	23,162	7,663
West Feliciana	0	0	15,318	3,645
Winn	0	0	15,430	5,930

<b>MISSISSIPPI</b>	<b>Yards of Debris (0)</b>	<b>Roof Units (0)</b>	<b>Population (41,896)</b>	<b>Households (17,261)</b>
Adams	0	0	31,752	13,677
Amite	0	0	16	6
Wilkinson	0	0	10,128	3,578

<b>TEXAS</b>	<b>Yards of Debris (296,812)</b>	<b>Roof Units (1,004)</b>	<b>Population (938,063)</b>	<b>Households (328,015)</b>
Angelina	0	0	83,810	28,685
Chambers	0	0	9,543	2,593
Galveston	0	0	297,386	94,782
Hardin	13,455	52	52,981	17,801
Jasper	32,383	120	29,939	11,585
Jefferson	72,795	279	246,126	92,882
Liberty	0	0	18,438	5,581
Nacogdoches	0	0	15,110	5,277
Newton	29,607	87	14,284	5,583
Orange	141,789	439	84,765	31,641
Panola	0	0	62	24
Polk	0	0	18,908	6,149
Sabine	1,674	6	10,437	4,485
San Augustine	0	0	8,709	3,575
Shelby	0	0	26,610	9,595
Tyler	5,107	20	20,955	7,777

## Critical Infrastructure

Summary			
Total Critical Facilities		1,832	
Power Requirements (kW)		63,464.9	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (18)	0.9	35 - 75	49.5
Cellular Towers (191)	114.6	35 - 75	6,303.0
FM Antennas (52)	2.6	35 - 75	143.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (37)	0.0	200 - 300	0.0
Public Schools (300)	90.0	200 - 300	22,500.0
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 (138)	13.8	15 - 35	345.0
Fire Stations (224)	22.4	15 - 35	560.0
Service Providers (1)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (79)	11.8	35 - 100	799.9
Hospitals (45)	13.5	800 - 2000	18,900.0
Urgent Care Facilities (4)	0.8	200 - 300	200.0
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 (9)	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 (35)	7.0	400 - 600	3,500.0
Local Police (46)	4.6	15 - 35	115.0
State Police (4)	0.2	15 - 35	5.0
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (15)	3.0	15 - 40	82.5
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 (2)	0.2	100 - 200	30.0

<b>Transportation</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Ports (352)	0.0	600 - 1200	0.0
Amtrak Stations (2)	0.0	100 - 300	0.0
Bus Stations (12)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (15)	0.0	100 - 300	0.0
Railroad Stations (2)	0.0	100 - 300	0.0
Public-Use Airports (105)	12.6	40 - 100	882.0

<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 (16)	6.4	800 - 2000	8,960.0



## COVID-19

#	County	Cases
1	East Baton Rouge	13,350
2	Galveston	10,350
3	Lafayette	8,148
4	Calcasieu	7,277
5	Caddo	7,156
6	Jefferson	6,499
7	Rapides	3,682
8	Terrebonne	3,315
9	Livingston	3,266
10	Ascension	3,218
11	Lafourche	3,101
12	St. Landry	3,000
13	Acadia	2,743
14	Iberia	2,661
15	Bossier	2,549
16	Angelina	1,964
17	St. Martin	1,836
18	Vermilion	1,784
19	Orange	1,736
20	St. Mary	1,720
21	Monroe	1,693
22	St. John the Baptist	1,487
23	Allen	1,409
24	Liberty	1,339
25	Iberville	1,325
26	Nacogdoches	1,270
27	Hardin	1,217
28	Avoyelles	1,211
29	Jefferson Davis	1,116
30	Chambers	1,080
31	Franklin	1,042
32	Evangeline	1,004
33	Beauregard	938
34	Vernon	889
35	Natchitoches	889
36	Pointe Coupee	888
37	De Soto	802
38	West Baton Rouge	787
39	Polk	773
40	St. James	747
41	Adams	731
42	East Feliciana	721

43	Sabine	711
44	Assumption	631
45	Winn	511
46	West Feliciana	467
47	Shelby	426
48	Jackson	416
49	Bienville	403
50	Concordia	402
51	Jasper	393
52	LaSalle	378
53	Grant	377
54	Catahoula	346
55	Panola	302
56	Red River	300
57	Caldwell	264
58	Amite	262
59	Wilkinson	258
60	San Augustine	185
61	Tyler	175
62	Cameron	174
63	Newton	162
64	Tensas	127
65	Sabine	72

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