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Hurricane Laura Adv. #20

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WASHINGTON, DC 17:16:44 24 Aug 2020	CHICAGO 16:16:44 24 Aug 2020	LOS ANGELES 14:16:44 24 Aug 2020
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https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?_65=149

Updated as of 24 Aug 2020 (4:16 PM Central Daylight Time)

 Debris	733,204 cu. yd.	<div style="background-color: #76b82a; width: 100%; height: 15px; border-radius: 5px;"></div> Louisiana 100% (733,204) Mississippi <1% (0) Texas <1% (0)
 Temporary Roofing	2,252 units	<div style="background-color: #3498db; width: 100%; height: 15px; border-radius: 5px;"></div> Louisiana 100% (2,252) Mississippi <1% (0) Texas <1% (0)
 Population	3,765,815 people	<div style="background-color: #e74c3c; width: 77%; height: 15px; border-radius: 5px;"></div> Louisiana 77% (2,910,272) <div style="background-color: #e74c3c; width: 21%; height: 15px; border-radius: 5px;"></div> Texas 21% (808,064) <div style="background-color: #e74c3c; width: 1%; height: 15px; border-radius: 5px;"></div> Mississippi 1% (47,479)
 Households	1,312,887 households	<div style="background-color: #f1c40f; width: 77%; height: 15px; border-radius: 5px;"></div> Louisiana 77% (1,008,362) <div style="background-color: #f1c40f; width: 22%; height: 15px; border-radius: 5px;"></div> Texas 22% (285,085) <div style="background-color: #f1c40f; width: 1%; height: 15px; border-radius: 5px;"></div> Mississippi 1% (19,441)

Critical Infrastructure Summary

Total

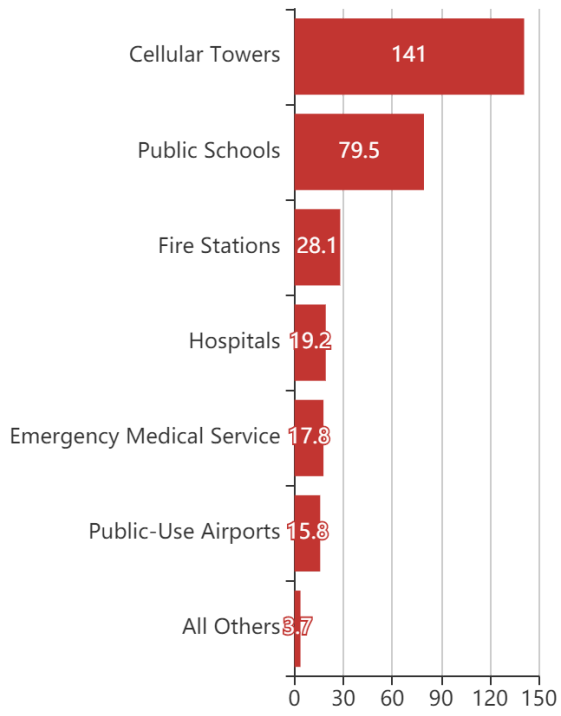


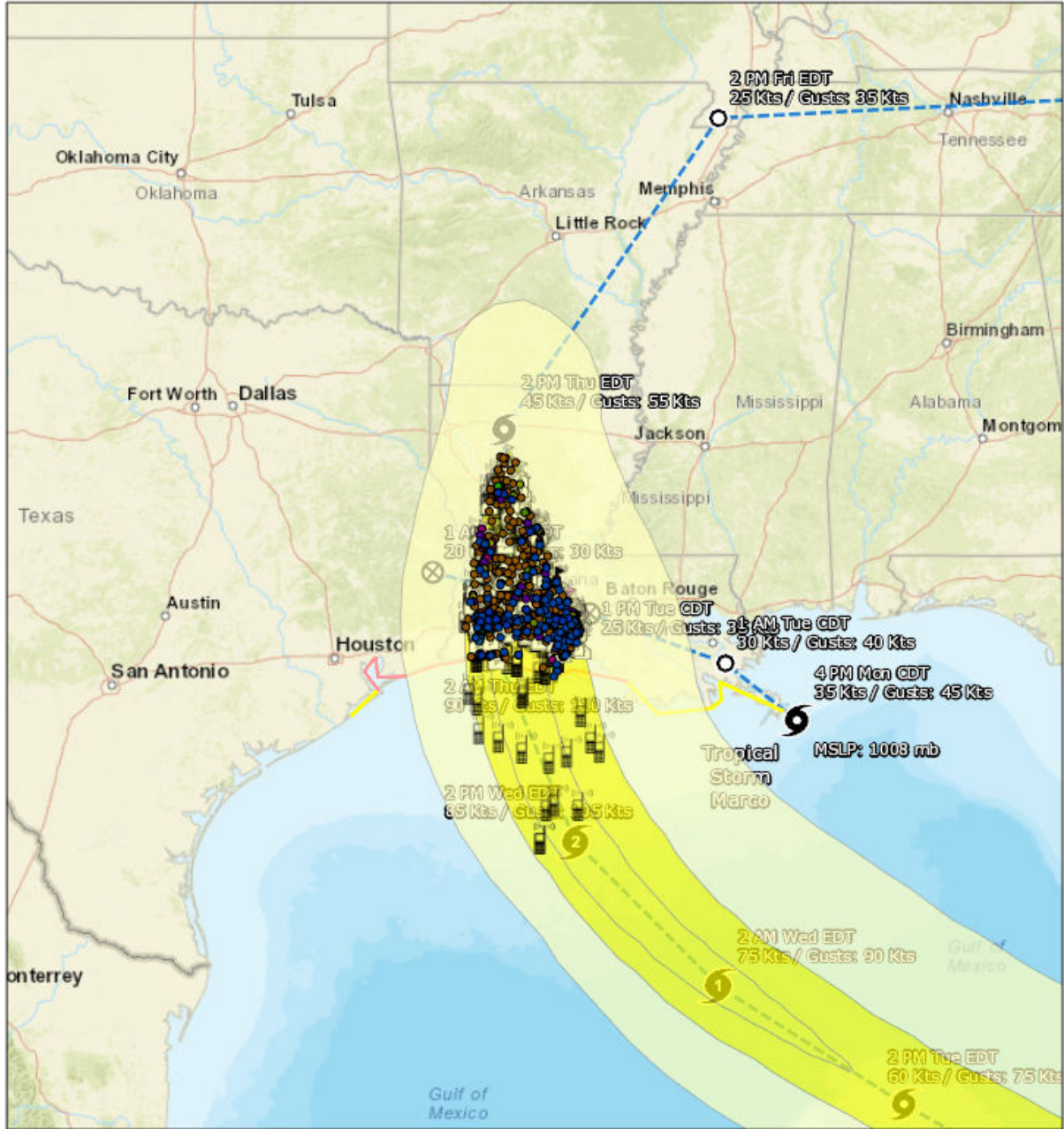
Power Requirements



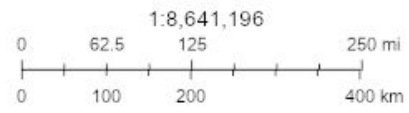
Generators

By Generator Count





- Structures
- AM Antennas
 - Cellular Towers
 - FM Antennas
 - Private Schools
 - Public Schools
 - Colleges and Universities
 - 911 Call Centers
 - Emergency Medical Service
 - Fire Stations
 - Service Providers
 - 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	73
Debris (cu. yd.)	733,204
Temporary Roofing (units)	2,252
Population	3,765,814.829
Households	1,312,887.436
Population Distribution	
Tropical Storm	2,673,312
Category 1	707,593

LOUISIANA	Yards of Debris (733,204)	Roof Units (2,252)	Population (2,910,272)	Households (1,008,362)
Acadia	55,075	169	60,988	21,142
Allen	21,106	65	25,818	8,102
Ascension	0	0	107,959	26,691
Assumption	0	0	23,119	8,239
Avoyelles	0	0	42,420	14,736
Beauregard	22,577	69	25,127	8,667
Bienville	1,039	3	14,865	6,108
Bossier	0	0	113,582	36,628
Caddo	0	0	112,788	43,359
Calcasieu	136,449	419	143,234	52,380
Caldwell	0	0	10,332	3,941
Cameron	7,532	23	5,907	2,891
Catahoula	0	0	10,656	4,082
Claiborne	0	0	16,230	6,270
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	33,177	102	36,010	12,736
Franklin	0	0	19,999	7,754
Grant	5,893	18	21,737	7,073
Iberia	17,890	55	75,402	25,381
Iberville	0	0	32,992	10,674
Jackson	0	0	15,165	6,086
Jefferson Davis	29,905	92	31,375	11,480
La Salle	0	0	14,165	5,291
Lafayette	188,529	579	210,850	72,372
Lafourche	0	0	93,799	32,057
Lincoln	0	0	42,709	15,235
Livingston	0	0	125,599	32,630
Madison	0	0	157	58
Morehouse	0	0	28,799	11,382
Natchitoches	28,895	89	30,970	11,092
Ouachita	0	0	151,722	55,216
Pointe Coupee	0	0	22,820	8,397
Rapides	74,618	229	81,150	28,644
Red River	50	0	9,256	3,414
Richland	0	0	20,657	7,490
Sabine	1,220	4	23,657	9,221
St. Charles	0	0	16,604	5,170
St. Helena	0	0	4,054	1,515
St. James	0	0	21,505	6,992

St. John the Baptist	0	0	47,737	14,283
St. Landry	14,114	43	93,358	32,328
St. Martin	53	0	52,518	17,164
St. Mary	8	0	50,952	19,317
Tensas	0	0	2,246	977
Terrebonne	0	0	110,329	35,997
Union	0	0	22,631	8,857
Vermilion	51,665	159	56,870	19,833
Vernon	39,061	120	37,184	14,995
Webster	0	0	41,058	16,501
West Baton Rouge	0	0	23,162	7,663
West Feliciana	0	0	15,318	3,645
Winn	4,347	13	15,431	5,930

MISSISSIPPI	Yards of Debris (0)	Roof Units (0)	Population (47,479)	Households (19,441)
Adams	0	0	31,752	13,677
Amite	0	0	3,647	1,453
Franklin	0	0	960	372
Jefferson	0	0	992	361
Wilkinson	0	0	10,128	3,578

TEXAS	Yards of Debris (0)	Roof Units (0)	Population (808,064)	Households (285,085)
Angelina	0	0	6,410	2,194
Chambers	0	0	4,101	1,114
Galveston	0	0	297,386	94,782
Hardin	0	0	52,994	17,805
Jasper	0	0	34,760	13,450
Jefferson	0	0	246,120	92,880
Newton	0	0	14,285	5,583
Orange	0	0	84,766	31,642
Panola	0	0	536	204
Sabine	0	0	10,437	4,485
San Augustine	0	0	8,709	3,575
Shelby	0	0	26,610	9,595
Tyler	0	0	20,950	7,775

Critical Infrastructure

Summary			
Total Critical Facilities		1,811	
Power Requirements (kW)		71,685.9	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (16)	0.8	35 - 75	44.0
Cellular Towers (235)	141.0	35 - 75	7,755.0
FM Antennas (56)	2.8	35 - 75	154.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (56)	0.0	200 - 300	0.0
Public Schools (265)	79.5	200 - 300	19,875.0
Colleges and Universities (24)	0.5	200 - 300	120.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (2)	0.2	15 - 35	5.0
Emergency Medical Service (178)	17.8	15 - 35	445.0
Fire Stations (281)	28.1	15 - 35	702.5
Service Providers (1)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (65)	9.8	35 - 100	658.1
Hospitals (64)	19.2	800 - 2000	26,880.0
Urgent Care Facilities (8)	1.6	200 - 300	400.0
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 (12)	0.0	15 - 35	0.0
National Security Government Military Facilities (109)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (32)	6.4	400 - 600	3,200.0
Local Police (51)	5.1	15 - 35	127.5
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 (12)	2.4	15 - 40	66.0
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 (4)	0.4	100 - 200	60.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (157)	0.0	600 - 1200	0.0
Amtrak Stations (2)	0.0	100 - 300	0.0
Bus Stations (17)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (7)	0.0	100 - 300	0.0
Railroad Stations (2)	0.0	100 - 300	0.0
Public-Use Airports (132)	15.8	40 - 100	1,108.8

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (18)	7.2	800 - 2000	10,080.0

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	Ouachita	5,372
8	Rapides	3,682
9	Terrebonne	3,315
10	Livingston	3,266
11	Ascension	3,218
12	Lafourche	3,101
13	St. Landry	3,000
14	Acadia	2,743
15	Iberia	2,661
16	Bossier	2,549
17	Angelina	1,964
18	St. Martin	1,836
19	Vermilion	1,784
20	Orange	1,736
21	St. Mary	1,720
22	St. Charles	1,580
23	St. John the Baptist	1,487
24	Allen	1,409
25	Liberty	1,339
26	Iberville	1,325
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	Webster	986
34	Beauregard	938
35	Vernon	889
36	Natchitoches	889
37	Pointe Coupee	888
38	Lincoln	881
39	De Soto	802
40	West Baton Rouge	787
41	Union	783
42	St. James	747

43	Adams	731
44	East Feliciana	721
45	Sabine	711
46	Richland	664
47	Madison	655
48	Assumption	631
49	Union	627
50	Miller	571
51	Morehouse	570
52	Winn	511
53	West Feliciana	467
54	Shelby	426
55	Jackson	416
56	Bienville	403
57	Concordia	402
58	Jasper	393
59	Ashley	379
60	LaSalle	378
61	Grant	377
62	Catahoula	346
63	Claiborne	327
64	Hempstead	306
65	St. Helena	305
66	Panola	302
67	Red River	300
68	Drew	296
69	Columbia	274
70	Caldwell	264
71	Amite	262
72	Bradley	260
73	Wilkinson	258
74	Jefferson	211
75	Clark	208
76	San Augustine	185
77	Tyler	175
78	Cameron	174
79	Franklin	168
80	Newton	162
81	Nevada	156
82	Ouachita	130
83	Cleveland	129
84	Tensas	127
85	Dallas	90

86	Sabine	72
87	Lafayette	65
88	Calhoun	23

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