



# Hurricane Laura - Adv. #22

For Planning Purposes Only!

WASHINGTON, DC  
09:19:04  
25 Aug 2020

CHICAGO  
08:19:04  
25 Aug 2020

LOS ANGELES  
06:19:04  
25 Aug 2020

[https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?\\_65=150](https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?_65=150)

Updated as of 25 Aug 2020 (9:19 AM Eastern Daylight Time)



Debris

1,076,227  
cu. yd.

Texas 67% (715,934)

Louisiana 33% (360,293)



Temporary Roofing

2,775  
units

Texas 63% (1,746)

Louisiana 37% (1,030)



Population

2,466,935  
people

Louisiana 51% (1,262,028)

Texas 49% (1,204,907)



Households

865,072  
households

Louisiana 53% (458,163)

Texas 47% (406,909)

## Critical Infrastructure Summary

Total

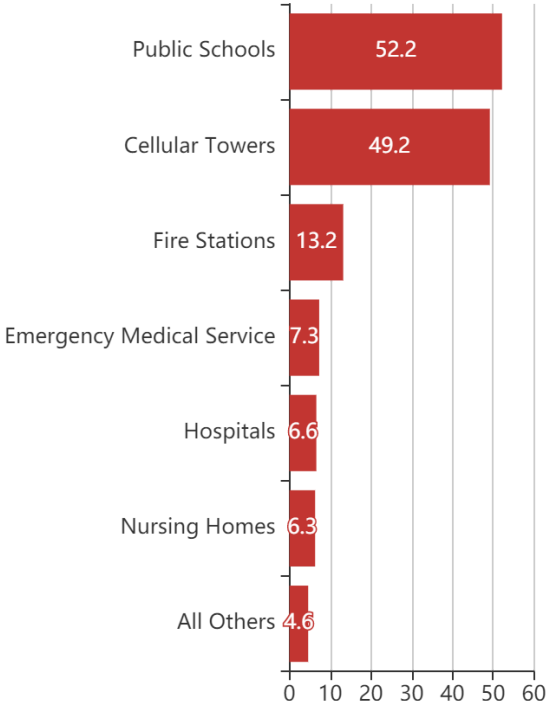


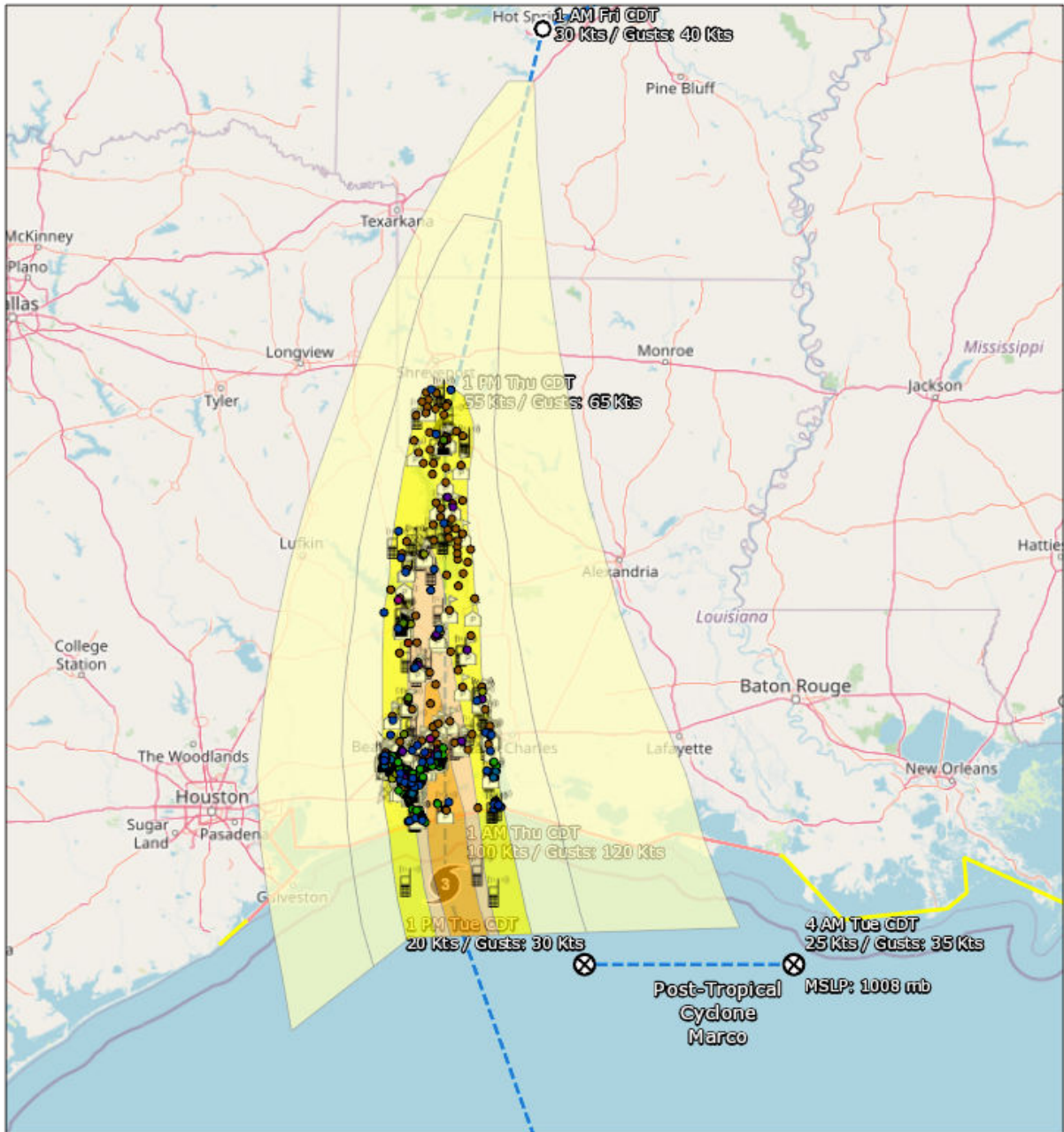
Power Requirements



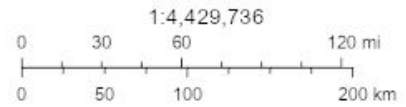
# Generators

By Generator Count





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



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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	47
Debris (cu. yd.)	1,076,227
Temporary Roofing (units)	2,775
Population	2,466,935.129
Households	865,072.092

Population Distribution	
Tropical Storm	2,018,674
Category 1	287,342
Category 2	89,485
Category 3	40,058

<b>LOUISIANA</b>	<b>Yards of Debris (360,293)</b>	<b>Roof Units (1,030)</b>	<b>Population (1,262,028)</b>	<b>Households (458,163)</b>
Acadia	0	0	60,988	21,142
Allen	0	0	25,818	8,102
Beauregard	19,316	65	35,093	12,104
Bienville	0	0	13,967	5,739
Bossier	0	0	113,582	36,628
Caddo	20,290	82	254,855	97,974
Calcasieu	258,978	674	187,703	68,642
Cameron	18,493	33	7,340	3,593
Claiborne	0	0	16,230	6,270
De Soto	23,367	95	26,527	9,692
Evangeline	0	0	36,010	12,736
Grant	0	0	6,341	2,063
Iberia	0	0	10,395	3,499
Jackson	0	0	148	60
Jefferson Davis	0	0	31,375	11,480
Lafayette	0	0	74,494	25,569
Lincoln	0	0	453	162
Natchitoches	0	0	39,823	14,263
Rapides	0	0	133,492	47,120
Red River	419	2	9,256	3,414
Sabine	15,178	62	23,655	9,220
St. Landry	0	0	6,173	2,138
Vermilion	0	0	56,867	19,832
Vernon	4,253	17	45,283	18,260
Webster	0	0	41,057	16,501
Winn	0	0	5,103	1,961

<b>TEXAS</b>	<b>Yards of Debris (715,934)</b>	<b>Roof Units (1,746)</b>	<b>Population (1,204,907)</b>	<b>Households (406,909)</b>
Angelina	0	0	68,069	23,297
Chambers	0	0	33,630	9,139
Galveston	0	0	131,326	41,856
Hardin	4,548	18	52,980	17,800
Harris	0	0	256,613	74,363
Harrison	0	0	27,864	9,985
Jasper	62,251	201	34,759	13,449
Jefferson	130,961	489	246,132	92,885
Liberty	0	0	76,782	23,242
Nacogdoches	0	0	40,172	14,030
Newton	60,772	139	14,284	5,583
Orange	424,724	780	84,762	31,641
Panola	0	0	19,224	7,324
Polk	0	0	46,488	15,119
Rusk	0	0	2,559	901
Sabine	21,182	71	10,438	4,485
San Augustine	2,104	9	8,708	3,575
San Jacinto	0	0	2,494	839
Shelby	7,949	32	26,605	9,593
Trinity	0	0	63	25
Tyler	1,445	6	20,955	7,777



#	County	Cases
1	Harris	99,290
2	Galveston	10,400
3	Lafayette	8,168
4	Calcasieu	7,284
5	Caddo	7,180
6	Jefferson	6,499
7	Rapides	3,703
8	St. Landry	3,001
9	Acadia	2,748
10	Iberia	2,670
11	Bossier	2,557
12	Angelina	1,964
13	Vermilion	1,789
14	Orange	1,736
15	Allen	1,409
16	Liberty	1,376
17	Nacogdoches	1,279
18	Hardin	1,217
19	Jefferson Davis	1,120
20	Chambers	1,103
21	Evangeline	1,006
22	Webster	988
23	Beauregard	941
24	Vernon	898
25	Natchitoches	894
26	Lincoln	885
27	De Soto	803
28	Harrison	774
29	Polk	773
30	Sabine	712
31	Union	634
32	Miller	572
33	Winn	517
34	Rusk	446
35	Shelby	426
36	Jackson	421
37	Bienville	403
38	Jasper	393
39	Grant	382
40	Claiborne	331
41	Hempstead	307
42	Panola	302



43	Red River	300
44	Columbia	281
45	Cass	227
46	Clark	210
47	San Jacinto	193
48	San Augustine	185
49	Cameron	175
50	Tyler	175
51	Trinity	169
52	Newton	162
53	Pike	157
54	Nevada	156
55	Marion	139
56	Ouachita	132
57	Sabine	72
58	Lafayette	65



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## Critical Infrastructure

Summary			
Total Critical Facilities		1,030	
Power Requirements (kW)		32,608.9	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (12)	0.6	35 - 75	33.0
Cellular Towers (82)	49.2	35 - 75	2,706.0
FM Antennas (34)	1.7	35 - 75	93.5
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (16)	0.0	200 - 300	0.0
Public Schools (174)	52.2	200 - 300	13,050.0
Colleges and Universities (9)	0.2	200 - 300	45.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (73)	7.3	15 - 35	182.5
Fire Stations (132)	13.2	15 - 35	330.0
Service Providers (1)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (42)	6.3	35 - 100	425.3
Hospitals (22)	6.6	800 - 2000	9,240.0
Urgent Care Facilities (1)	0.2	200 - 300	50.0
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 (4)	0.0	15 - 35	0.0
National Security Government Military Facilities (28)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (20)	4.0	400 - 600	2,000.0
Local Police (23)	2.3	15 - 35	57.5
State Police (0)	0.0	15 - 35	0.0
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (9)	1.8	15 - 40	49.5
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 (1)	0.1	100 - 200	15.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (272)	0.0	600 - 1200	0.0
Amtrak Stations (1)	0.0	100 - 300	0.0
Bus Stations (5)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (12)	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 (7)	2.8	800 - 2000	3,920.0