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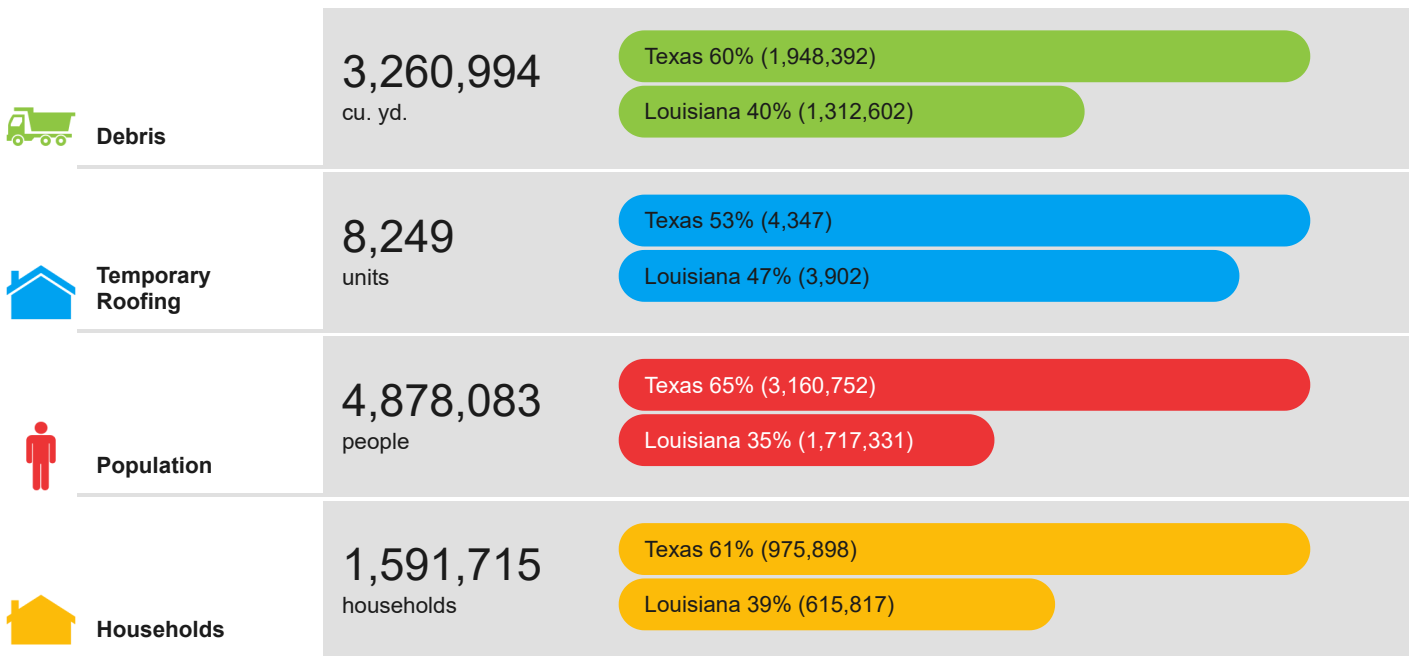
Hurricane Laura Adv. #23

For Planning Purposes Only!

WASHINGTON, DC 15:20:30 25 Aug 2020	CHICAGO 14:20:30 25 Aug 2020	LOS ANGELES 12:20:30 25 Aug 2020
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https://esamw07404nb251:3344/webappbuilder/apps/2/?_65=151

Updated as of 25 Aug 2020 (2:20 PM Central Daylight Time)



Critical Infrastructure Summary

Total

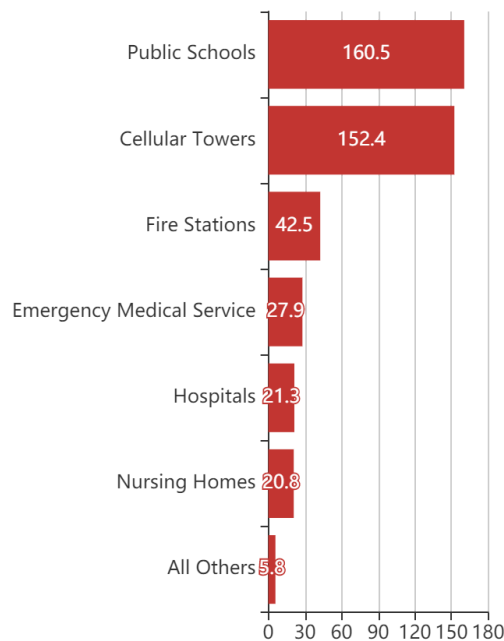


Power Requirements



Generators

By Generator Count





Key Messages for Hurricane Laura

Advisory 23: 10:00 AM CDT Tue Aug 25, 2020

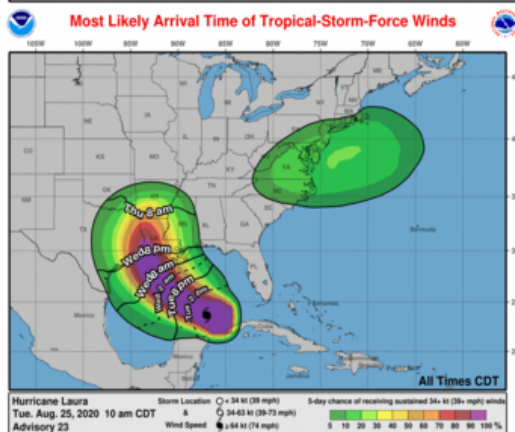


1. Laura is forecast to reach the northwestern Gulf Coast at or near major hurricane intensity Wednesday night. Do not focus on the details of the official forecast given the typical uncertainty in NHC's track and intensity predictions. Storm surge, wind, and rainfall hazards will extend well away from Laura's center along the Gulf Coast.

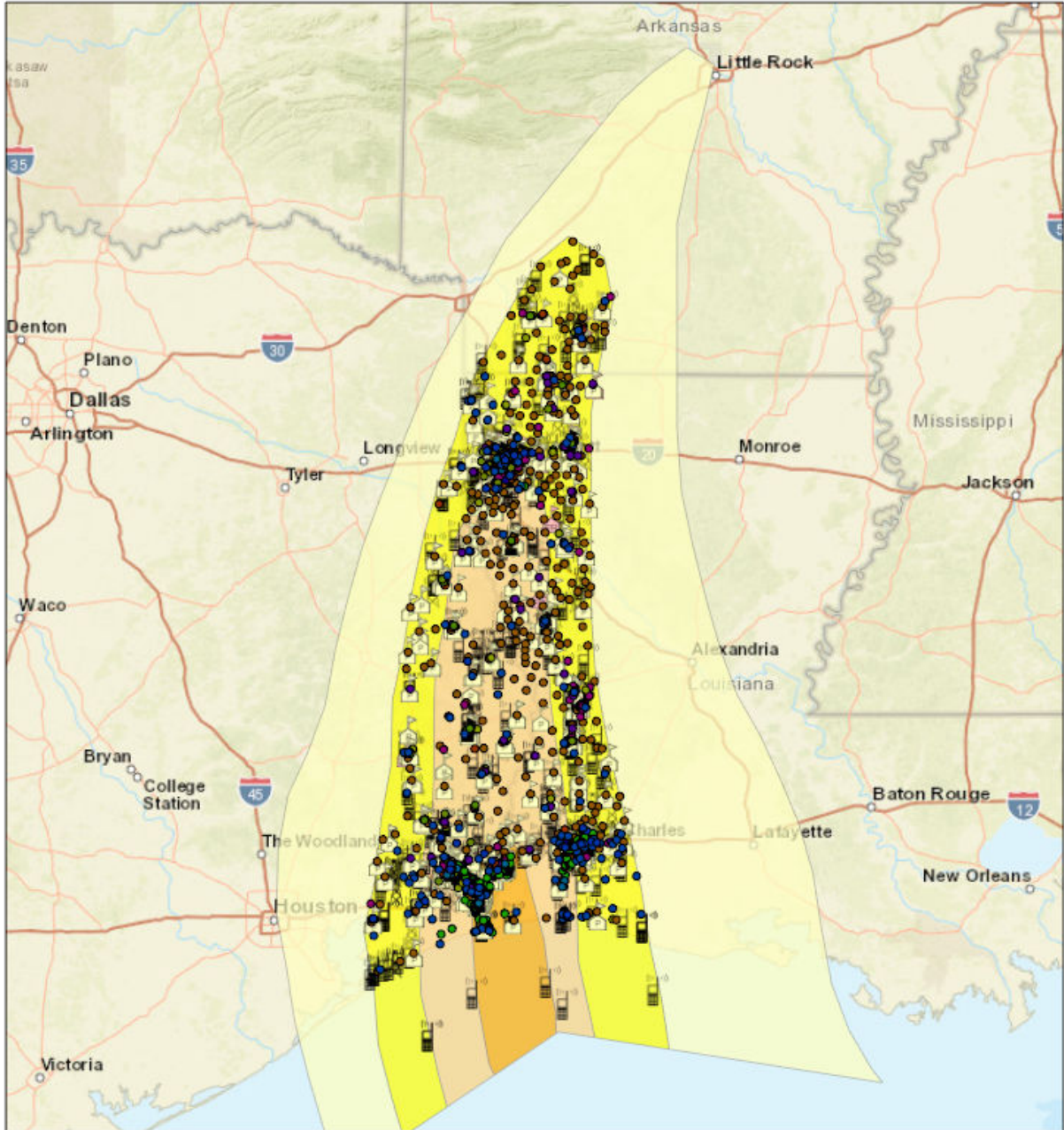
2. There is the danger of life-threatening storm surge accompanied by large and dangerous waves from San Luis Pass, Texas, to the Mouth of the Mississippi River, including areas inside the Port Arthur Hurricane Flood Protection system. A Storm Surge Warning is in effect and residents should follow any advice given by local officials. Actions to protect life and property should be rushed to completion today, as water levels will begin to rise Wednesday.

3. Hurricane conditions are expected by Wednesday evening in the area from San Luis Pass, Texas, to west of Morgan City, Louisiana, and a Hurricane Warning is in effect. Tropical storm conditions are expected to begin in the warning area Wednesday afternoon.

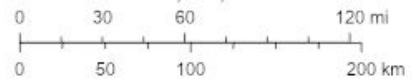
4. The threat of widespread flash and urban flooding along with small streams overflowing their banks will be increasing Wednesday night into Thursday from far eastern Texas, across Louisiana, and Arkansas. This will also lead to minor to isolated moderate river flooding. The heavy rainfall threat will spread northeastward into the middle-Mississippi, lower Ohio, and Tennessee Valleys Friday and Saturday.



For more information go to hurricanes.gov



1:4,320,598



- Structures
- AM Antennas
 - Cellular Towers
 - FM Antennas
 - Private Schools
 - Public Schools
 - Colleges and Universities
 - 911 Call Centers

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	56
Debris (cu. yd.)	3,260,994
Temporary Roofing (units)	8,249
Population	4,878,083.327
Households	1,591,715.387
Population Distribution	
Tropical Storm	3,521,951
Category 1	705,275
Category 2	545,309
Category 3	81,908

LOUISIANA	Yards of Debris (1,312,602)	Roof Units (3,902)	Population (1,717,331)	Households (615,817)
Acadia	0	0	60,988	21,142
Allen	3,209	12	25,819	8,102
Avoyelles	0	0	12,279	4,266
Beauregard	65,395	189	35,093	12,104
Bienville	4,257	16	14,864	6,108
Bossier	99,157	374	113,582	36,628
Caddo	351,819	1,166	254,849	97,972
Calcasieu	484,477	1,244	187,694	68,638
Cameron	26,865	53	7,340	3,592
Claiborne	2,824	11	16,230	6,270
De Soto	85,378	221	26,524	9,691
Evangeline	0	0	36,010	12,736
Grant	0	0	21,735	7,073
Iberia	0	0	75,402	25,381
Jackson	0	0	15,165	6,086
Jefferson Davis	9,253	36	31,374	11,480
La Salle	0	0	220	82
Lafayette	0	0	210,850	72,372
Lincoln	0	0	42,709	15,235
Natchitoches	12,518	48	39,823	14,263
Rapides	0	0	133,492	47,120
Red River	11,479	39	9,256	3,414
Sabine	67,828	183	23,657	9,221
St. Landry	0	0	93,358	32,328
St. Martin	0	0	52,518	17,164
St. Mary	0	0	13,495	5,116
Union	0	0	4,368	1,709
Vermilion	0	0	56,867	19,832
Vernon	45,215	146	45,282	18,260
Webster	42,928	165	41,058	16,501
Winn	0	0	15,430	5,930

TEXAS	Yards of Debris (1,948,392)	Roof Units (4,347)	Population (3,160,752)	Households (975,898)
Angelina	27,138	96	81,568	27,918
Brazoria	0	0	39,756	10,280
Chambers	17,891	69	33,615	9,135
Cherokee	0	0	100	34
Galveston	0	0	297,386	94,782
Gregg	0	0	203	73
Hardin	76,345	233	52,983	17,801
Harris	0	0	1,814,655	525,863
Harrison	9,498	36	45,369	16,258
Jasper	118,912	308	34,758	13,449
Jefferson	924,392	2,084	246,127	92,883
Liberty	10,555	41	76,799	23,247
Montgomery	0	0	102,129	22,784
Nacogdoches	10,799	41	55,242	19,293
Newton	50,491	130	14,285	5,583
Orange	541,754	849	84,764	31,641
Panola	13,635	48	23,158	8,823
Polk	482	2	45,161	14,687
Rusk	0	0	17,514	6,167
Sabine	40,432	104	10,437	4,485
San Augustine	24,050	66	8,708	3,575
San Jacinto	0	0	25,717	8,651
Shelby	53,283	150	26,602	9,592
Trinity	0	0	2,760	1,116
Tyler	28,735	91	20,956	7,777

Critical Infrastructure

Summary			
Total Critical Facilities		2,901	
Power Requirements (kW)		104,650.2	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (34)	1.7	35 - 75	93.5
Cellular Towers (254)	152.4	35 - 75	8,382.0
FM Antennas (117)	5.9	35 - 75	321.8
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (58)	0.0	200 - 300	0.0
Public Schools (535)	160.5	200 - 300	40,125.0
Colleges and Universities (34)	0.7	200 - 300	170.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (1)	0.1	15 - 35	2.5
Emergency Medical Service (279)	27.9	15 - 35	697.5
Fire Stations (425)	42.5	15 - 35	1,062.5
Service Providers (1)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (139)	20.8	35 - 100	1,407.4
Hospitals (71)	21.3	800 - 2000	29,820.0
Urgent Care Facilities (12)	2.4	200 - 300	600.0
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 (12)	0.0	15 - 35	0.0
National Security Government Military Facilities (194)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (47)	9.4	400 - 600	4,700.0
Local Police (64)	6.4	15 - 35	160.0
State Police (7)	0.4	15 - 35	8.8
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (26)	5.2	15 - 40	143.0
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 (5)	0.5	100 - 200	75.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (360)	0.0	600 - 1200	0.0
Amtrak Stations (3)	0.0	100 - 300	0.0
Bus Stations (28)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (22)	0.0	100 - 300	0.0
Railroad Stations (2)	0.0	100 - 300	0.0
Public-Use Airports (143)	17.2	40 - 100	1,201.2

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (28)	11.2	800 - 2000	15,680.0

COVID-19

#	County	Cases
1	Harris	99,290
2	Galveston	10,400
3	Brazoria	8,662
4	Lafayette	8,168
5	Montgomery	8,122
6	Calcasieu	7,284
7	Caddo	7,180
8	Pulaski	6,590
9	Jefferson	6,499
10	Rapides	3,703
11	St. Landry	3,001
12	Acadia	2,748
13	Iberia	2,670
14	Bossier	2,557
15	Angelina	1,964
16	St. Martin	1,839
17	Vermilion	1,789
18	Orange	1,736
19	St. Mary	1,726
20	Hot Spring	1,681
21	Faulkner	1,535
22	Allen	1,409
23	Saline	1,384
24	Liberty	1,376
25	Cherokee	1,339
26	Garland	1,308
27	Nacogdoches	1,279
28	Avoyelles	1,218
29	Hardin	1,217
30	Jefferson Davis	1,120
31	Chambers	1,103
32	Evangeline	1,006
33	Webster	988
34	Beauregard	941
35	Vernon	898
36	Natchitoches	894
37	Lincoln	885
38	Bowie	860
39	De Soto	803
40	Union	788
41	Harrison	774
42	Polk	773

43	Sabine	712
44	Union	634
45	Miller	572
46	Winn	517
47	Rusk	446
48	Shelby	426
49	Jackson	421
50	Bienville	403
51	Jasper	393
52	Grant	382
53	LaSalle	379
54	Claiborne	331
55	Hempstead	307
56	Panola	302
57	Red River	300
58	Columbia	281
59	Little River	258
60	Cass	227
61	Clark	210
62	San Jacinto	193
63	San Augustine	185
64	Cameron	175
65	Tyler	175
66	Grant	169
67	Trinity	169
68	Newton	162
69	Pike	157
70	Nevada	156
71	Marion	139
72	Ouachita	132
73	Dallas	90
74	Sabine	72
75	Lafayette	65
76	Calhoun	23