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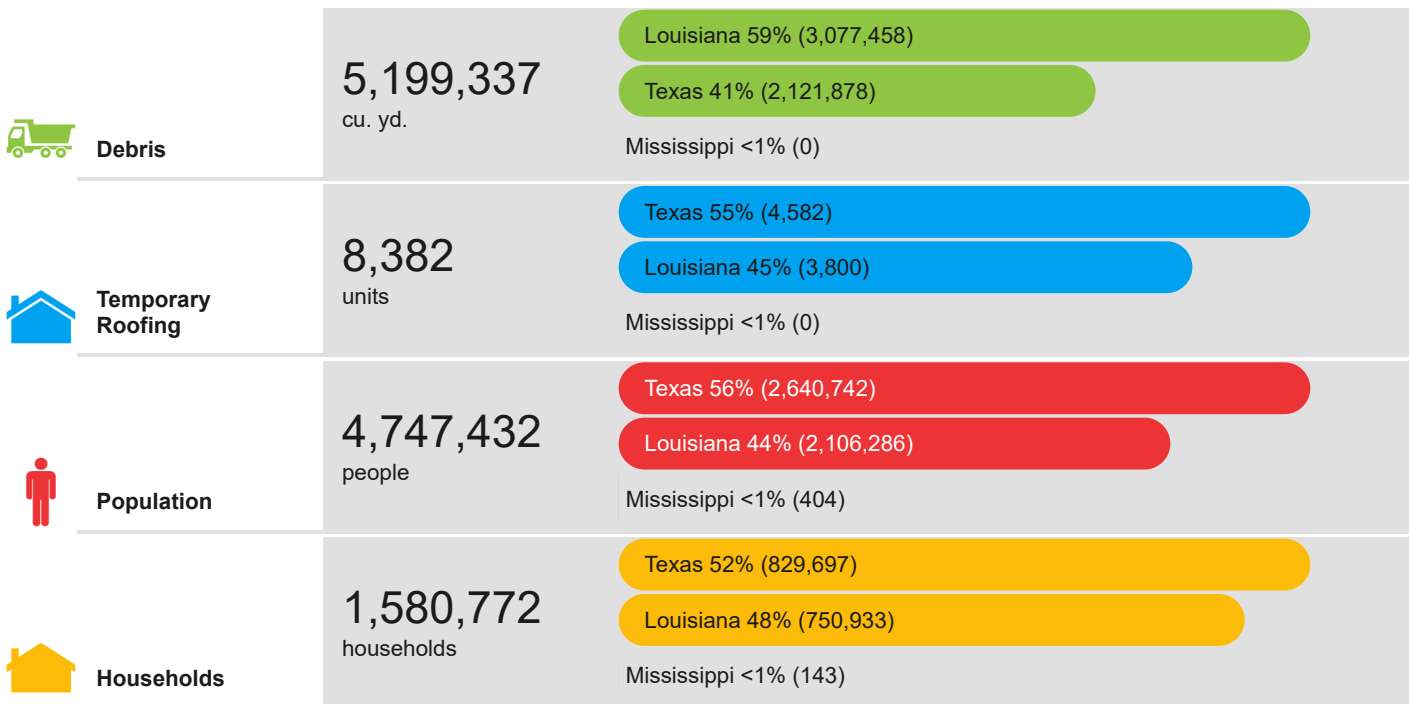
Hurricane Laura Adv. #27

For Planning Purposes Only!

WASHINGTON, DC 12:41:46 26 Aug 2020	CHICAGO 11:41:46 26 Aug 2020	LOS ANGELES 09:41:46 26 Aug 2020
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https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html?_65=154

Updated as of 26 Aug 2020 (11:41 AM Central Daylight Time)

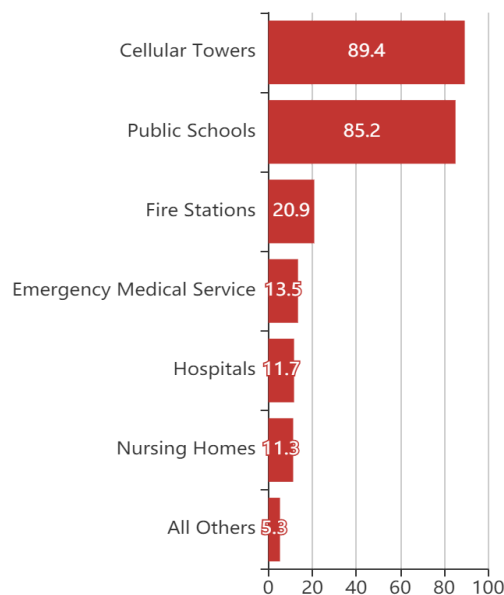


Critical Infrastructure Summary



Generators

By Generator Count





Key Messages for Hurricane Laura

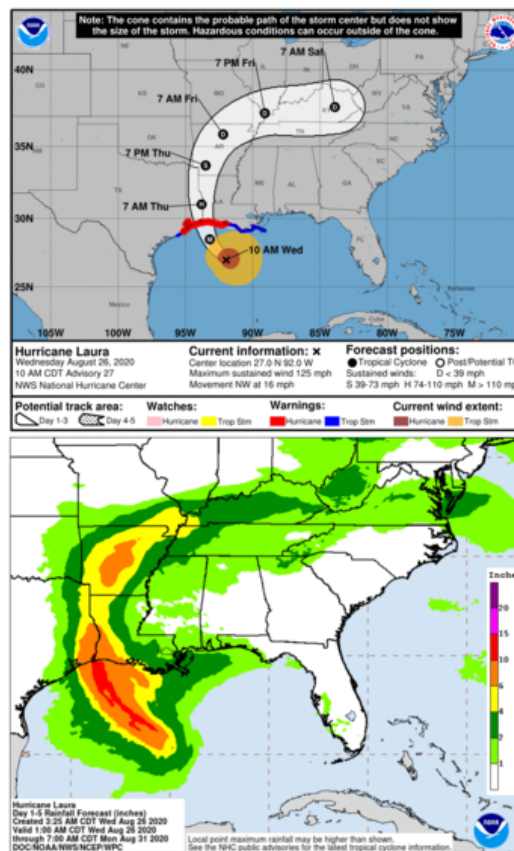
Advisory 27: 10:00 AM CDT Wed Aug 26, 2020



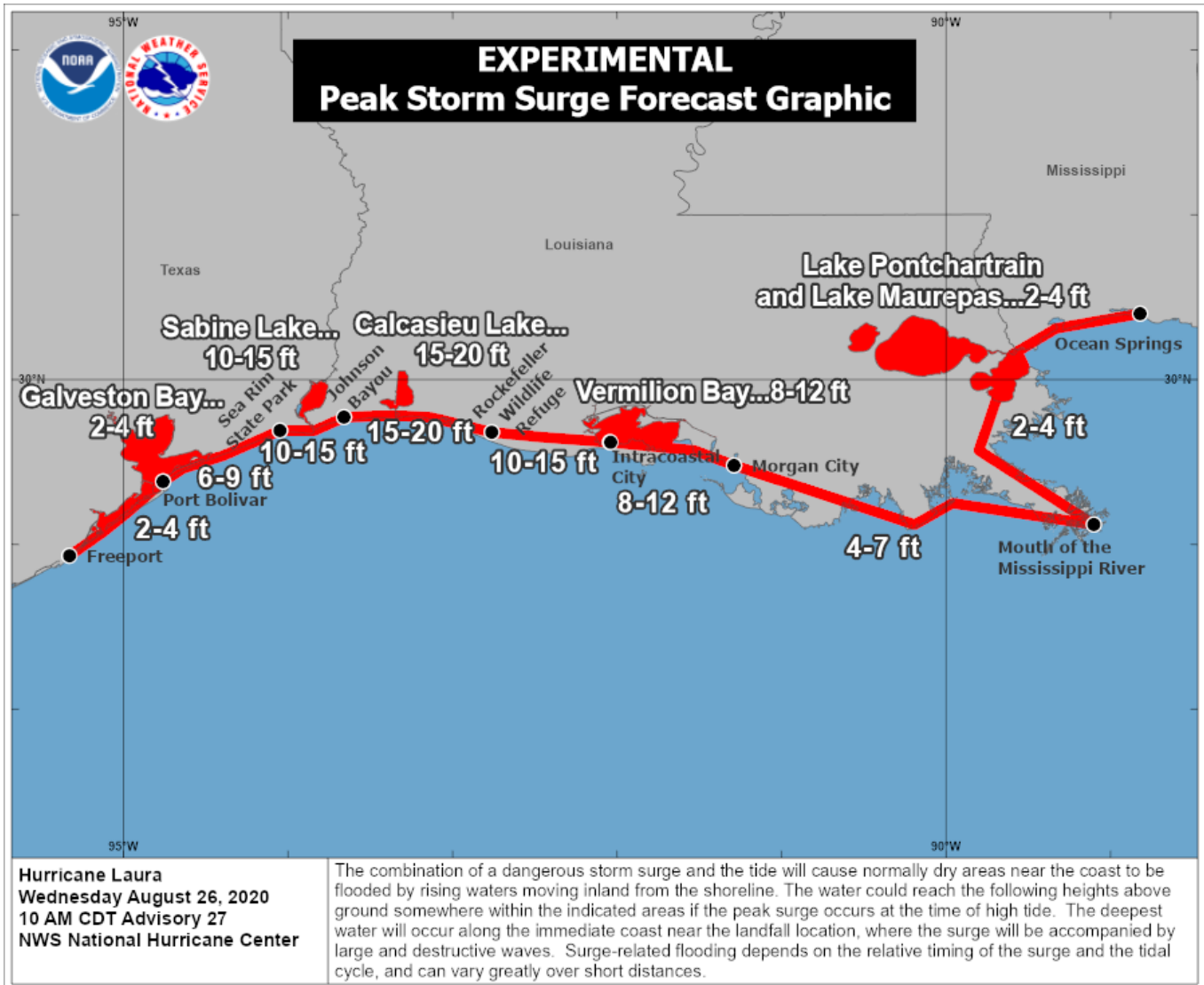
1. Unsurvivable storm surge with large and destructive waves will cause catastrophic damage from Sea Rim State Park, Texas, to Intracoastal City, Louisiana, including Calcasieu and Sabine Lakes. This surge could penetrate up to 30 miles inland from the immediate coastline. Only a few hours remain to protect life and property and all actions should be rushed to completion.

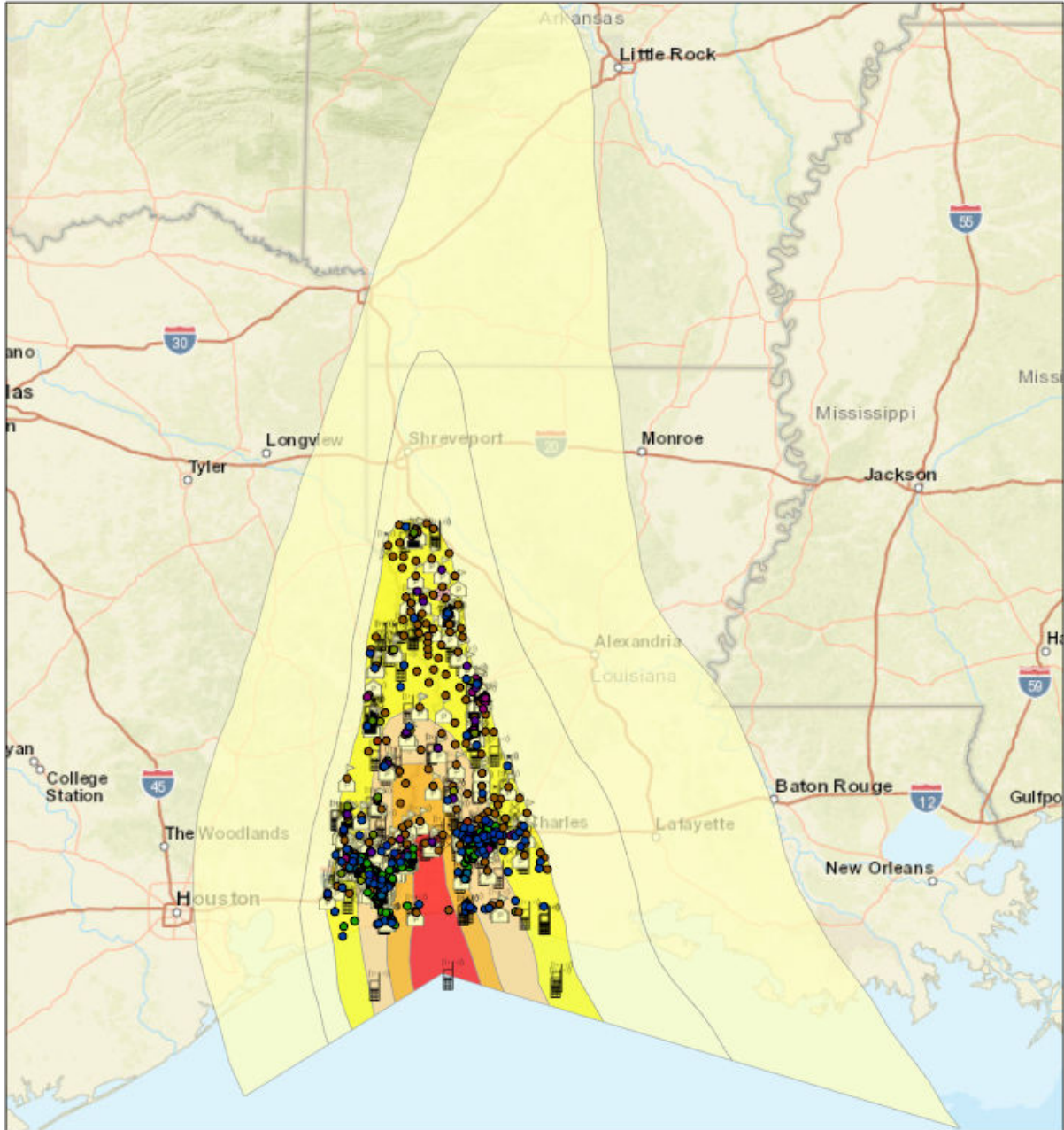
2. Hurricane-force winds are expected tonight in portions of the hurricane warning area from San Luis Pass, Texas, to west of Morgan City, Louisiana, with catastrophic wind damage expected where Laura's eyewall makes landfall. Hurricane-force winds and widespread damaging wind gusts will spread well inland across portions of eastern Texas and western Louisiana early Thursday.

3. Widespread flash flooding along small streams, urban areas, and roadways is expected to begin this afternoon into Thursday from far eastern Texas, across Louisiana and Arkansas. This will also lead to minor to isolated moderate freshwater river flooding. The heavy rainfall threat and localized flash and urban flooding potential will spread northeastward into the middle-Mississippi, lower Ohio and Tennessee Valleys Friday night and Saturday.

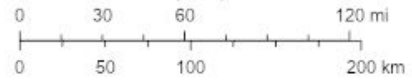


For more information go to hurricanes.gov





1:4,320,598



- Structures
- AM Antennas
 - Cellular Towers
 - FM Antennas
 - Private Schools
 - Public Schools
 - Colleges and Universities
 - Emergency Medical Service

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	68
Debris (cu. yd.)	5,199,337
Temporary Roofing (units)	8,382
Population	4,747,431.843
Households	1,580,772.344

Population Distribution	
Tropical Storm	4,102,490
Category 1	286,668
Category 2	215,159
Category 3	107,388
Category 4	27,157

LOUISIANA	Yards of Debris (3,077,458)	Roof Units (3,800)	Population (2,106,286)	Households (750,933)
Acadia	0	0	60,985	21,141
Allen	5,353	20	25,818	8,102
Ascension	0	0	207	51
Assumption	0	0	23,119	8,239
Avoyelles	0	0	42,420	14,736
Beauregard	205,908	413	35,094	12,104
Bienville	0	0	14,864	6,108
Bossier	0	0	113,576	36,626
Caddo	0	0	254,855	97,974
Calcasieu	2,608,225	2,771	187,702	68,641
Caldwell	0	0	3,747	1,429
Cameron	125,601	106	7,340	3,593
Catahoula	0	0	2,037	780
Claiborne	0	0	16,230	6,270
Concordia	0	0	3,175	1,237
De Soto	23,600	88	26,524	9,691
East Baton Rouge	0	0	14,837	5,386
Evangeline	0	0	36,010	12,736
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	23,233	86	31,373	11,479

La Salle	0	0	14,165	5,291
Lafayette	0	0	210,850	72,372
Lafourche	0	0	1,062	363
Lincoln	0	0	42,709	15,235
Natchitoches	734	3	39,823	14,263
Ouachita	0	0	44,272	16,112
Pointe Coupee	0	0	22,820	8,397
Rapides	0	0	133,494	47,121
Red River	0	0	9,255	3,414
Sabine	44,114	164	23,657	9,221
St. Landry	0	0	93,361	32,329
St. Martin	0	0	52,518	17,164
St. Mary	0	0	50,951	19,317
Terrebonne	0	0	110,329	35,997
Union	0	0	22,631	8,857
Vermilion	0	0	56,867	19,832
Vernon	40,691	150	45,282	18,260
Webster	0	0	41,057	16,501
West Baton Rouge	0	0	23,162	7,663
West Feliciana	0	0	7,383	1,757
Winn	0	0	15,430	5,930
MISSISSIPPI	Yards of Debris (0)	Roof Units (0)	Population (404)	Households (143)
Wilkinson	0	0	404	143

TEXAS	Yards of Debris (2,121,878)	Roof Units (4,582)	Population (2,640,742)	Households (829,697)
Angelina	0	0	74,017	25,333
Brazoria	0	0	5,031	1,301
Chambers	0	0	33,626	9,138
Galveston	0	0	297,386	94,782
Hardin	21,091	78	52,979	17,800
Harris	0	0	1,392,268	403,461
Harrison	0	0	64,427	23,087
Jasper	111,817	322	34,760	13,450
Jefferson	803,044	2,210	246,138	92,887
Liberty	0	0	76,787	23,244
Montgomery	0	0	47,472	10,591
Nacogdoches	0	0	63,010	22,006
Newton	124,187	230	14,285	5,583
Orange	1,024,902	1,605	84,762	31,641
Panola	0	0	23,152	8,821
Polk	0	0	46,488	15,119
Rusk	0	0	5,197	1,830
Sabine	24,046	89	10,437	4,485
San Augustine	499	2	8,709	3,575
San Jacinto	0	0	11,172	3,758
Shelby	8,927	33	26,610	9,595
Trinity	0	0	1,073	434
Tyler	3,364	12	20,956	7,777

Critical Infrastructure

Summary			
Total Critical Facilities		1,698	
Power Requirements (kW)		57,996.3	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (19)	1.0	35 - 75	52.3
Cellular Towers (149)	89.4	35 - 75	4,917.0
FM Antennas (62)	3.1	35 - 75	170.5
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (32)	0.0	200 - 300	0.0
Public Schools (284)	85.2	200 - 300	21,300.0
Colleges and Universities (17)	0.3	200 - 300	85.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (135)	13.5	15 - 35	337.5
Fire Stations (209)	20.9	15 - 35	522.5
Service Providers (1)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (75)	11.3	35 - 100	759.4
Hospitals (39)	11.7	800 - 2000	16,380.0
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 (7)	0.0	15 - 35	0.0
National Security Government Military Facilities (89)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (28)	5.6	400 - 600	2,800.0
Local Police (37)	3.7	15 - 35	92.5
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 (14)	2.8	15 - 40	77.0
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 (2)	0.2	100 - 200	30.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (354)	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 (89)	10.7	40 - 100	747.6

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (17)	6.8	800 - 2000	9,520.0

COVID-19

#	County	Cases
1	Harris	100,171
2	East Baton Rouge	13,391
3	Galveston	10,430
4	Brazoria	8,824
5	Montgomery	8,268
6	Lafayette	8,136
7	Calcasieu	7,256
8	Caddo	7,117
9	Pulaski	6,675
10	Jefferson	6,559
11	Ouachita	5,355
12	Rapides	3,679
13	Terrebonne	3,259
14	Ascension	3,245
15	Lafourche	3,211
16	St. Landry	3,006
17	Acadia	2,776
18	Iberia	2,686
19	Bossier	2,619
20	Angelina	1,968
21	St. Martin	1,928
22	Vermilion	1,842
23	Orange	1,744
24	St. Mary	1,739
25	Hot Spring	1,684
26	Pope	1,605
27	Liberty	1,602
28	Faulkner	1,579
29	Allen	1,426
30	Saline	1,409
31	Garland	1,320
32	Iberville	1,311
33	Nacogdoches	1,292
34	Avoyelles	1,248
35	Hardin	1,233
36	Jefferson Davis	1,149
37	Chambers	1,123
38	Yell	1,113
39	Evangeline	1,019

40	Webster	993
41	Vernon	927
42	Beauregard	924
43	Pointe Coupee	917
44	Natchitoches	898
45	Lincoln	883
46	East Feliciana	865
47	Bowie	860
48	West Baton Rouge	809
49	De Soto	804
50	Union	796
51	Harrison	774
52	Polk	774
53	Sabine	735
54	Assumption	651
55	Union	650
56	Miller	578
57	Rusk	556
58	Winn	531
59	West Feliciana	504
60	Shelby	428
61	Jackson	425
62	Concordia	420
63	Bienville	409
64	Howard	398
65	Jasper	393
66	Grant	388
67	LaSalle	379
68	Catahoula	354
69	Claiborne	342
70	Hempstead	312
71	Red River	309
72	Panola	305
73	Columbia	284
74	Wilkinson	273
75	Caldwell	271
76	Bradley	267
77	Little River	265
78	Cass	229
79	Clark	215
80	Cameron	201
81	San Jacinto	197
82	Conway	193
83	San Augustine	186

84	Tyler	175
85	Trinity	172
86	Grant	169
87	Newton	162
88	Pike	161
89	Nevada	158
90	Marion	139
91	Ouachita	133
92	Cleveland	130
93	Dallas	103
94	Sabine	72
95	Lafayette	65
96	Montgomery	61
97	Perry	58
98	Calhoun	23

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