



US Army Corps
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Hurricane Laura Adv. #30

For Planning Purposes Only!

WASHINGTON, DC
07:53:44
27 Aug 2020

CHICAGO
06:53:44
27 Aug 2020

LOS ANGELES
04:53:44
27 Aug 2020

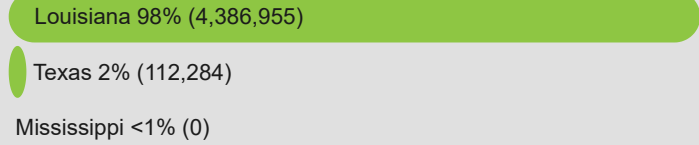
<https://go.usa.gov/xGa8W>

Updated as of 27 Aug 2020 (6:53 AM Central Daylight Time)



Debris

4,499,239
cu. yd.



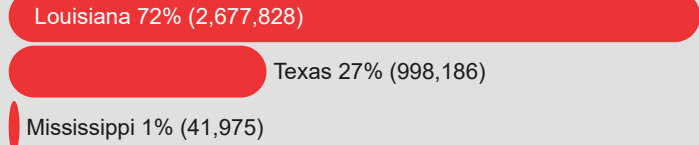
Temporary Roofing

8,356
units



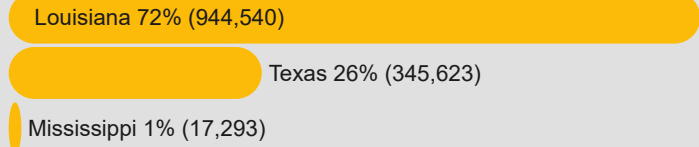
Population

3,717,989
people



Households

1,307,456
households



Critical Infrastructure Summary

Total

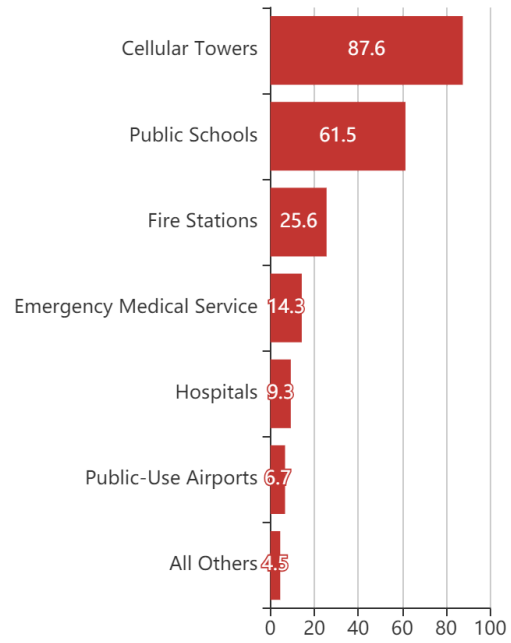


Power Requirements



Generators

By Generator Count





Key Messages for Hurricane Laura

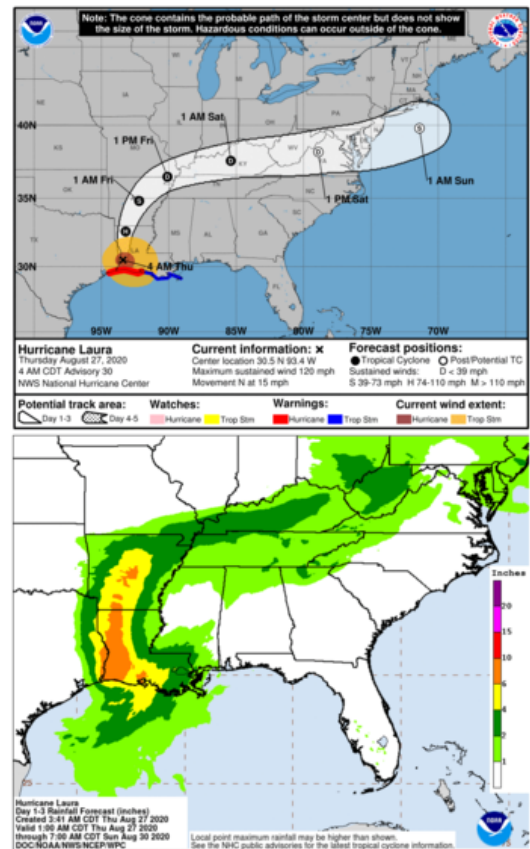
Advisory 30: 4:00 AM CDT Thu Aug 27, 2020



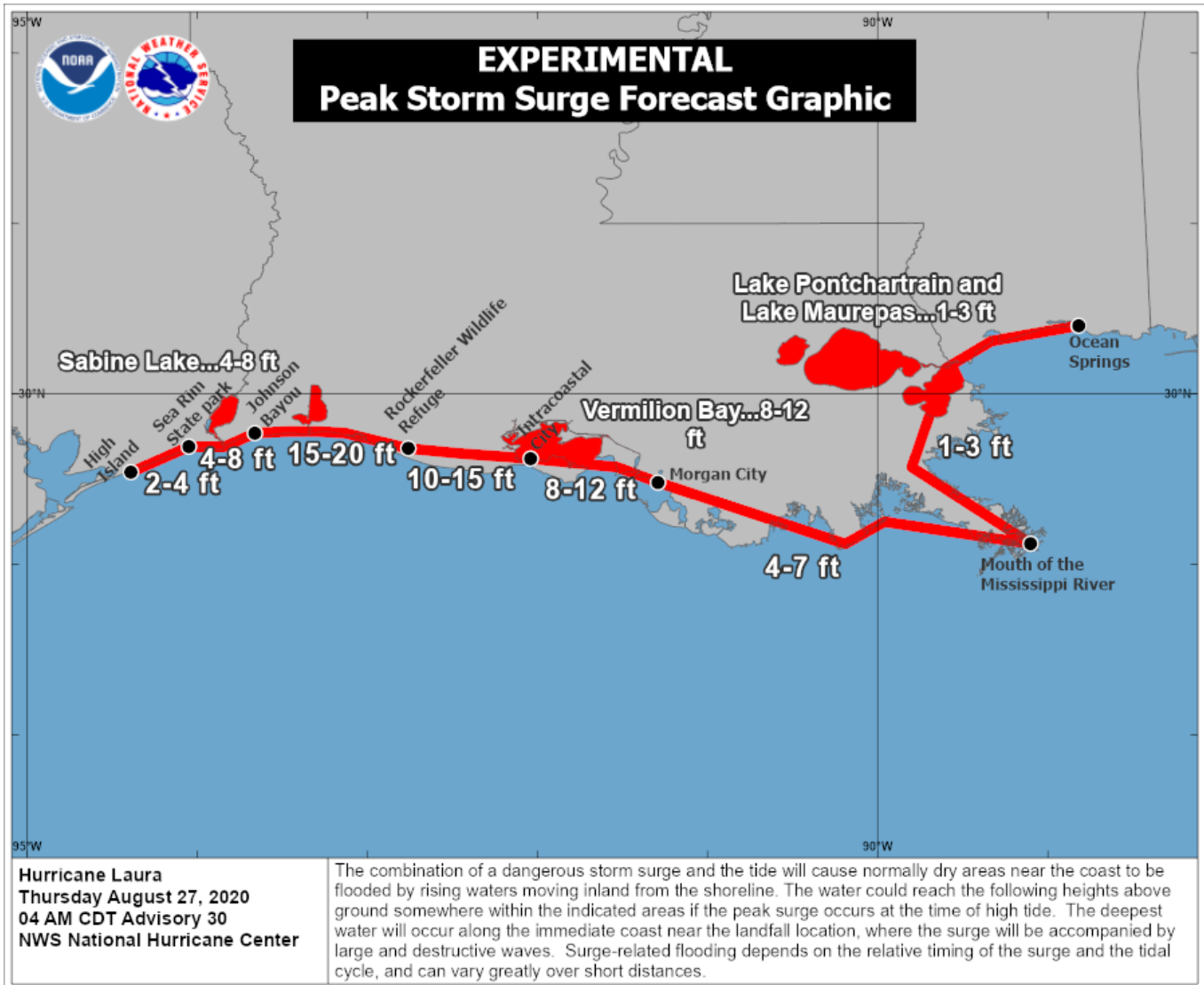
1. Unsurvivable storm surge with large and destructive waves will cause catastrophic damage from Sea Rim State Park, Texas, to Intracoastal City, Louisiana, including Calcasieu and Sabine Lakes. This surge could penetrate up to 40 miles inland from the immediate coastline, and flood waters will not fully recede for several days after the storm.

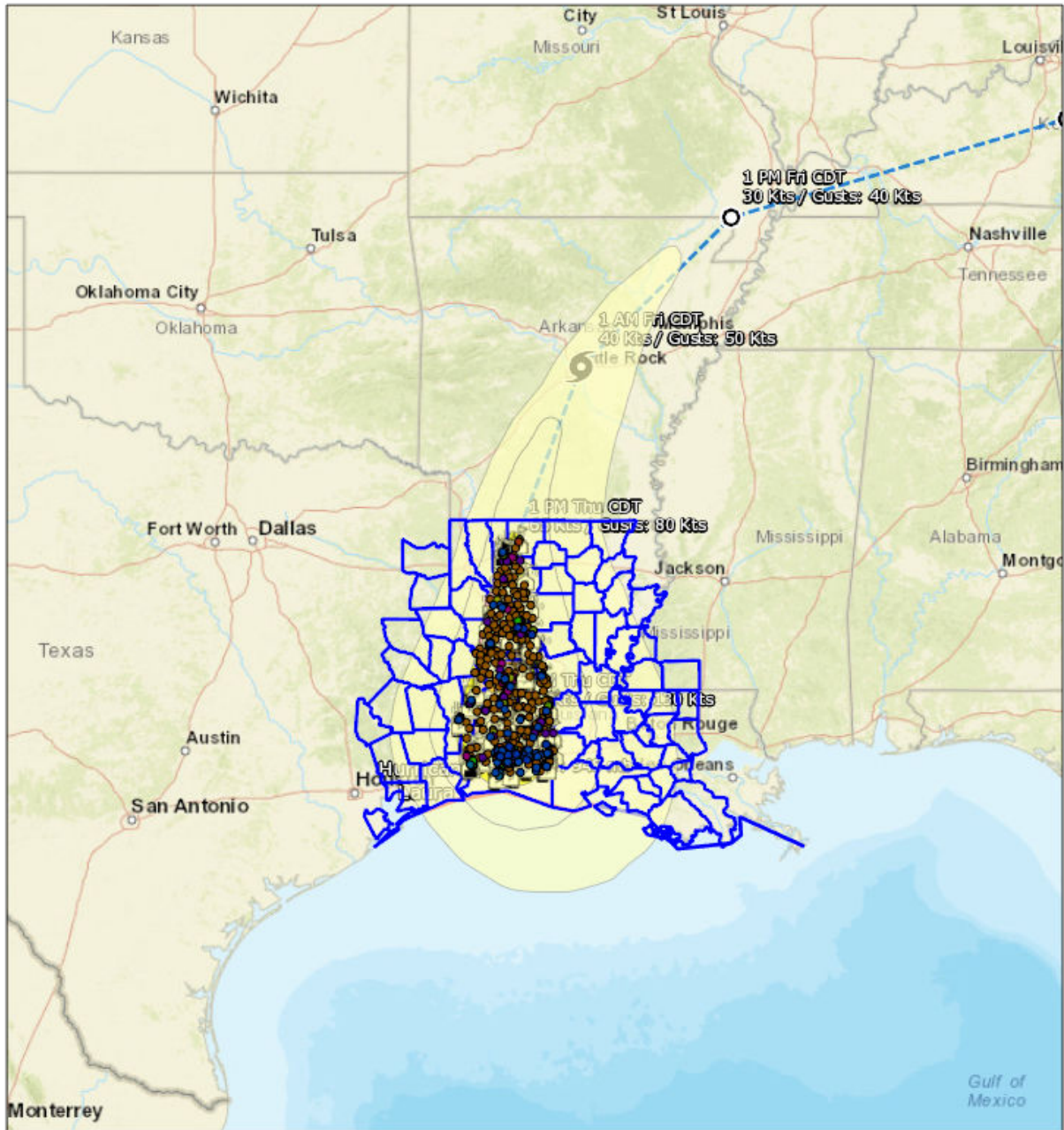
2. Hurricane-force winds will continue this morning in portions of the hurricane warning area, with catastrophic wind damage expected near Laura's eyewall. Hurricane-force winds and widespread damaging wind gusts will continue to spread well inland into portions of extreme eastern Texas and western Louisiana through the day.

3. Widespread flash flooding along small streams, urban areas, and roadways is expected across portions of Louisiana, Mississippi, and Arkansas. This will also lead to minor to moderate freshwater river flooding. The heavy rainfall threat and flash and urban flooding potential will spread northeastward into the middle-Mississippi, lower Ohio, Tennessee Valley, and Mid-Atlantic States Friday and Saturday.

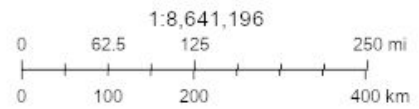


For more information go to hurricanes.gov





- | | |
|-----------------|---------------------------|
| Structures | Colleges and Universities |
| AM Antennas | Emergency Medical Service |
| Cellular Towers | Fire Stations |
| FM Antennas | Nursing Homes |
| Private Schools | Hospitals |
| Public Schools | Urgent Care Facilities |



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.)	4,499,239
Temporary Roofing (units)	8,356
Population	3,717,989.456
Households	1,307,455.941

Population Distribution	
Tropical Storm	2,838,279
Category 1	178,555
Category 2	204,444
Category 3	88,963

LOUISIANA	Yards of Debris (4,386,955)	Roof Units (8,009)	Population (2,677,828)	Households (944,540)
Acadia	9,152	32	60,988	21,142
Allen	157,751	336	24,875	7,806
Ascension	0	0	107,959	26,691
Assumption	0	0	23,119	8,239
Avoyelles	0	0	42,425	14,738
Beauregard	681,095	831	35,086	12,102
Bienville	31,565	101	9,204	3,782
Bossier	297	1	113,582	36,628
Caddo	0	0	186,592	71,732
Calcasieu	1,803,251	3,572	187,688	68,636
Caldwell	0	0	10,332	3,941
Cameron	9,983	34	2,842	1,391
Catahoula	0	0	10,656	4,082
Claiborne	9,434	33	16,231	6,270
Concordia	0	0	19,307	7,521
De Soto	8,195	26	16,323	5,964
East Baton Rouge	0	0	430,746	156,365
East Feliciana	0	0	20,723	6,699
Evangeline	1,177	4	36,010	12,736
Franklin	0	0	19,999	7,754
Grant	2,418	8	21,401	6,964
Iberia	0	0	75,402	25,381
Iberville	0	0	32,992	10,674
Jackson	0	0	15,165	6,086

Jefferson Davis	154,266	404	31,016	11,349
La Salle	0	0	14,165	5,291
Lafayette	0	0	210,850	72,372
Lafourche	0	0	2,771	947
Lincoln	0	0	42,709	15,235
Livingston	0	0	15,584	4,049
Morehouse	0	0	9,778	3,864
Natchitoches	348,393	670	38,978	13,961
Ouachita	0	0	151,722	55,216
Pointe Coupee	0	0	22,820	8,397
Rapides	84,388	290	125,526	44,308
Red River	52,772	131	7,944	2,930
Richland	0	0	20,657	7,490
Sabine	160,650	290	23,637	9,213
St. Helena	0	0	25	9
St. James	0	0	4,828	1,570
St. Landry	0	0	93,358	32,328
St. Martin	0	0	52,518	17,164
St. Mary	0	0	50,951	19,317
Tensas	0	0	676	294
Terrebonne	0	0	29,384	9,587
Union	0	0	22,626	8,855
Vermilion	76	0	52,903	18,450
Vernon	830,480	1,105	41,525	16,745
Webster	38,535	133	39,577	15,906
West Baton Rouge	0	0	23,162	7,663
West Feliciana	0	0	15,318	3,645
Winn	3,076	11	13,173	5,063

MISSISSIPPI	Yards of Debris (0)	Roof Units (0)	Population (41,975)	Households (17,293)
Adams	0	0	31,752	13,677
Amite	0	0	95	38
Wilkinson	0	0	10,128	3,578

TEXAS	Yards of Debris (112,284)	Roof Units (348)	Population (998,186)	Households (345,623)
Angelina	0	0	44,422	15,204
Chambers	0	0	16,002	4,348
Galveston	0	0	297,386	94,782
Hardin	0	0	52,981	17,801
Harrison	0	0	533	191
Jasper	8,694	30	32,370	12,525
Jefferson	0	0	246,119	92,880
Liberty	0	0	76,782	23,242
Nacogdoches	0	0	16,811	5,871
Newton	60,395	168	12,910	5,046
Orange	38,961	135	84,767	31,642
Panola	0	0	6,954	2,650
Polk	0	0	46,488	15,119
Sabine	4,235	15	10,438	4,485
San Augustine	0	0	8,709	3,575
San Jacinto	0	0	427	143
Shelby	0	0	23,133	8,341
Tyler	0	0	20,955	7,777

Critical Infrastructure

Summary			
Total Critical Facilities		1,293	
Power Requirements (kW)		44,789.0	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (13)	0.7	35 - 75	35.8
Cellular Towers (146)	87.6	35 - 75	4,818.0
FM Antennas (45)	2.3	35 - 75	123.8
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (24)	0.0	200 - 300	0.0
Public Schools (205)	61.5	200 - 300	15,375.0
Colleges and Universities (13)	0.3	200 - 300	65.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (143)	14.3	15 - 35	357.5
Fire Stations (256)	25.6	15 - 35	640.0
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (44)	6.6	35 - 100	445.5
Hospitals (31)	9.3	800 - 2000	13,020.0
Urgent Care Facilities (5)	1.0	200 - 300	250.0
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 (8)	0.0	15 - 35	0.0
National Security Government Military Facilities (94)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (23)	4.6	400 - 600	2,300.0
Local Police (35)	3.5	15 - 35	87.5
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 (11)	2.2	15 - 40	60.5
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 (112)	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 (5)	0.0	100 - 300	0.0
Railroad Stations (1)	0.0	100 - 300	0.0
Public-Use Airports (56)	6.7	40 - 100	470.4

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (12)	4.8	800 - 2000	6,720.0

COVID-19

#	County	Cases
1	East Baton Rouge	13,391
2	Galveston	10,430
3	Lafayette	8,136
4	Calcasieu	7,256
5	Caddo	7,117
6	Pulaski	6,675
7	Jefferson	6,559
8	Ouachita	5,355
9	Rapides	3,679
10	Livingston	3,313
11	Terrebonne	3,259
12	Ascension	3,245
13	Lafourche	3,211
14	St. Landry	3,006
15	Acadia	2,776
16	Iberia	2,686
17	Bossier	2,619
18	Angelina	1,968
19	St. Martin	1,928
20	Jefferson	1,924
21	Vermilion	1,842
22	Orange	1,744
23	St. Mary	1,739
24	Craighead	1,701
25	Hot Spring	1,684
26	Liberty	1,602
27	Faulkner	1,579
28	Allen	1,426
29	Saline	1,409
30	Lincoln	1,384
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	Franklin	1,059
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	West Baton Rouge	809
48	De Soto	804
49	Union	796
50	Harrison	774
51	Polk	774
52	St. James	752
53	Adams	744
54	Sabine	735
55	Independence	705
56	Richland	664
57	Lonoke	661
58	Assumption	651
59	Union	650
60	Greene	587
61	Morehouse	580
62	Miller	578
63	Winn	531
64	West Feliciana	504
65	White	472
66	Poinsett	432
67	Shelby	428
68	Jackson	425
69	Concordia	420
70	Bienville	409
71	Jasper	393
72	Grant	388
73	Ashley	380
74	LaSalle	379
75	St. Helena	368
76	Catahoula	354
77	Claiborne	342
78	Hempstead	312
79	Red River	309
80	Panola	305
81	Drew	294
82	Randolph	291
83	Columbia	284

84	Wilkinson	273
85	Caldwell	271
86	Bradley	267
87	Arkansas	266
88	Amite	265
89	Cleburne	247
90	Lawrence	245
91	Clark	215
92	Cameron	201
93	San Jacinto	197
94	San Augustine	186
95	Tyler	175
96	Jackson	175
97	Grant	169
98	Newton	162
99	Nevada	158
100	Sharp	137
101	Tensas	134
102	Ouachita	133
103	Cleveland	130
104	Prairie	114
105	Dallas	103
106	Monroe	90
107	Sabine	72
108	Lafayette	65
109	Woodruff	27
110	Calhoun	23