



US Army Corps
of Engineers®
BUILDING STRONG®

Hurricane Beta Adv. #7

For Planning Purposes Only!

WASHINGTON, DC
07:42:09
19 Sep 2020

CHICAGO
06:42:09
19 Sep 2020

LOS ANGELES
04:42:09
19 Sep 2020

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

Updated as of 19 Sep 2020 (7:42 AM Eastern Daylight Time)



Debris

9,254
cu. yd.

Texas 100% (9,254)



Temporary Roofing

36
units

Texas 100% (36)



Population

3,706,412
people

Texas 100% (3,706,412)



Households

1,053,967
households

Texas 100% (1,053,967)

Critical Infrastructure Summary

Total

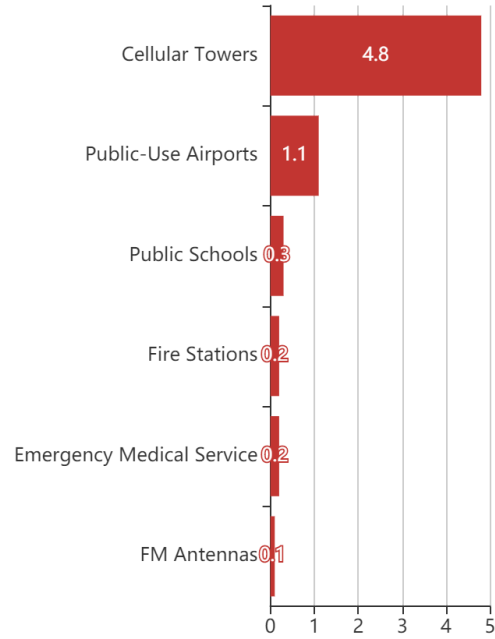


Power Requirements



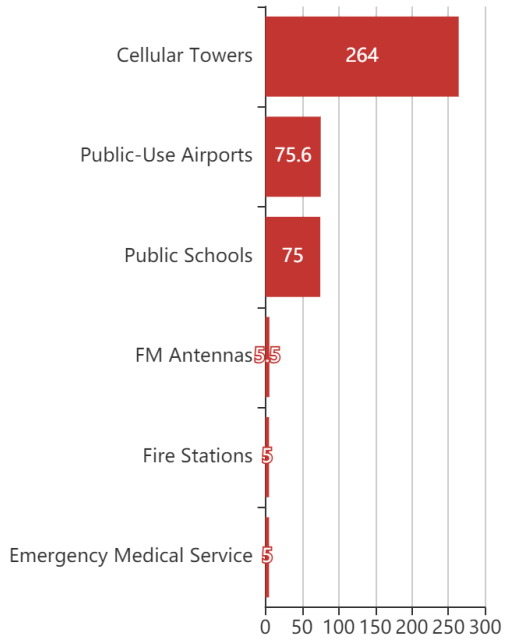
Generators

By Generator Count



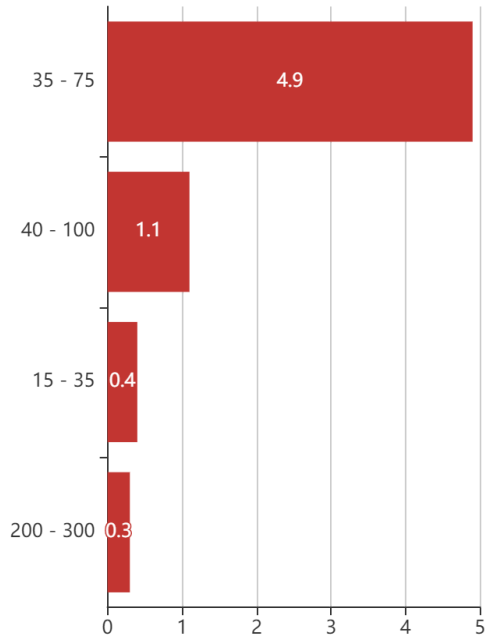
Generators

By Power Requirement



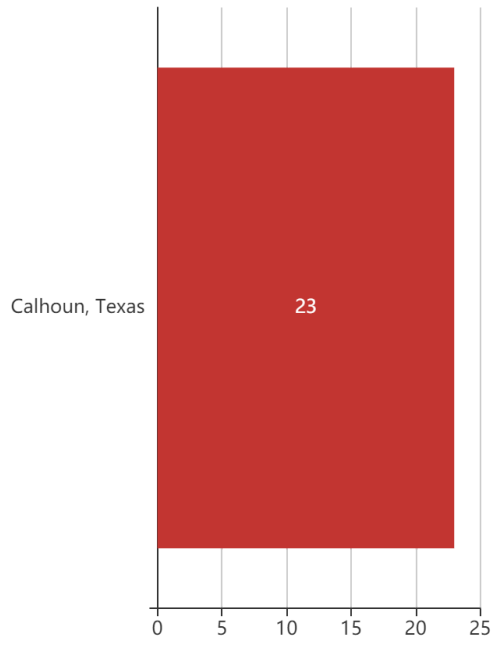
Generators

By Range



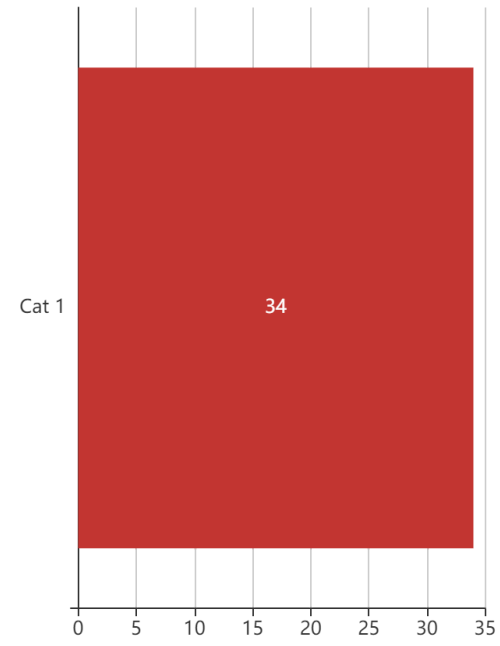
Structures

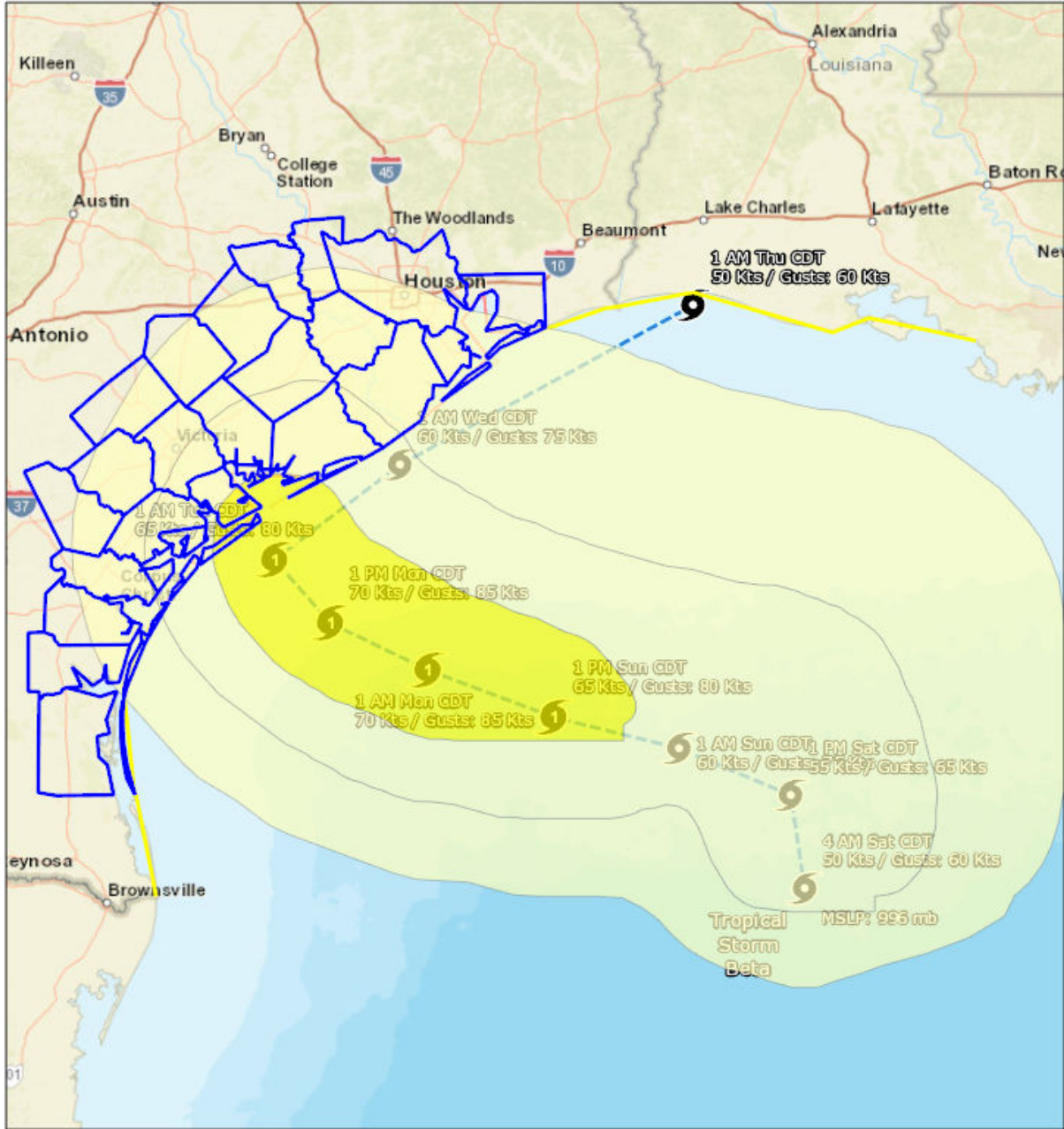
By County



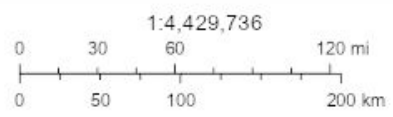
Structures

By Intensity



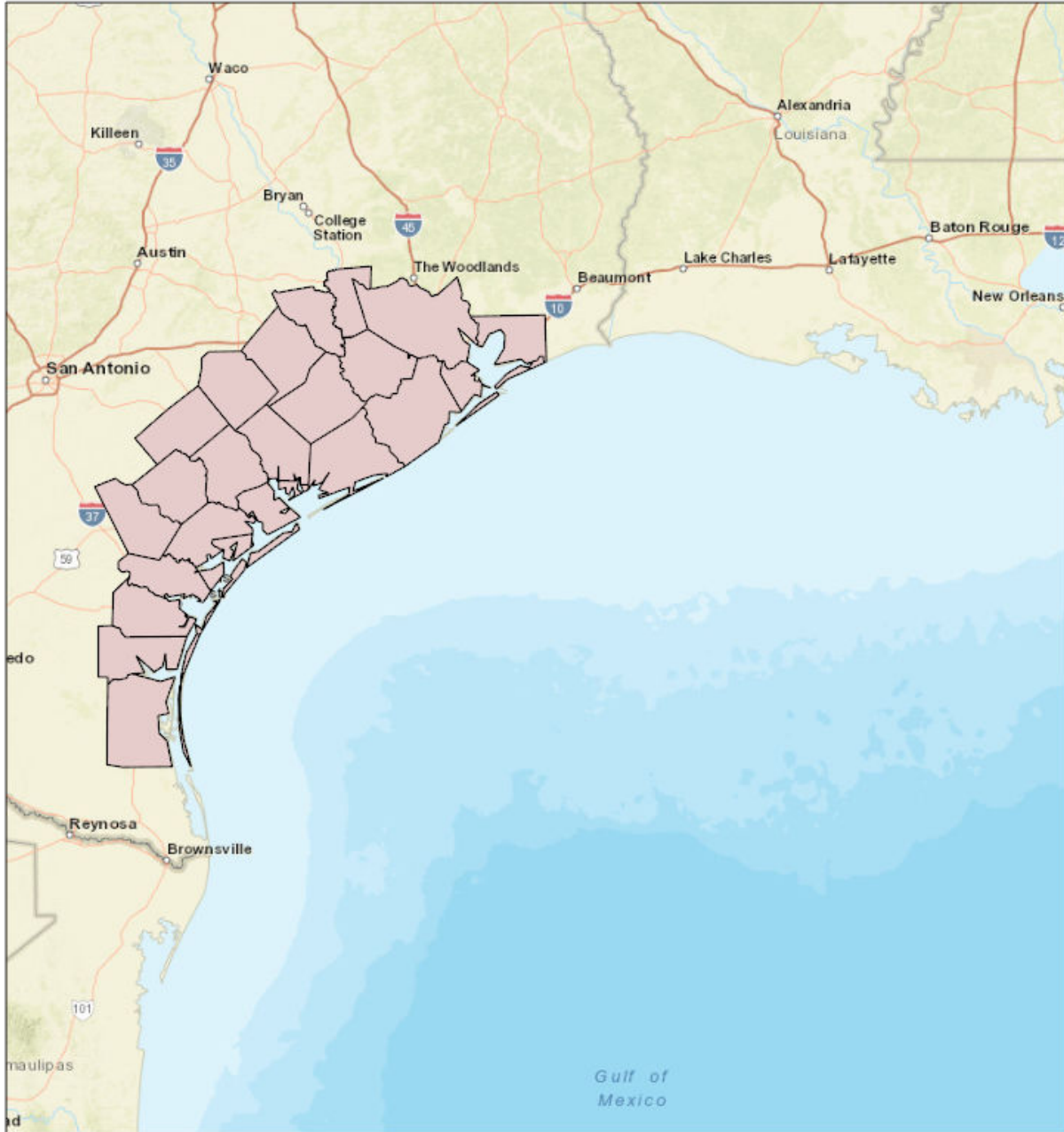


- Counties
- Mission Model Swaths
- TS
- Cat 1
- 120-hr Forecast Track Line



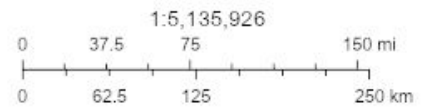
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community, NOAA/NOS/OCs nowCOAST, NOAA/NWS/NHC, NOAA/NWS/CPHC

Debris



Debris

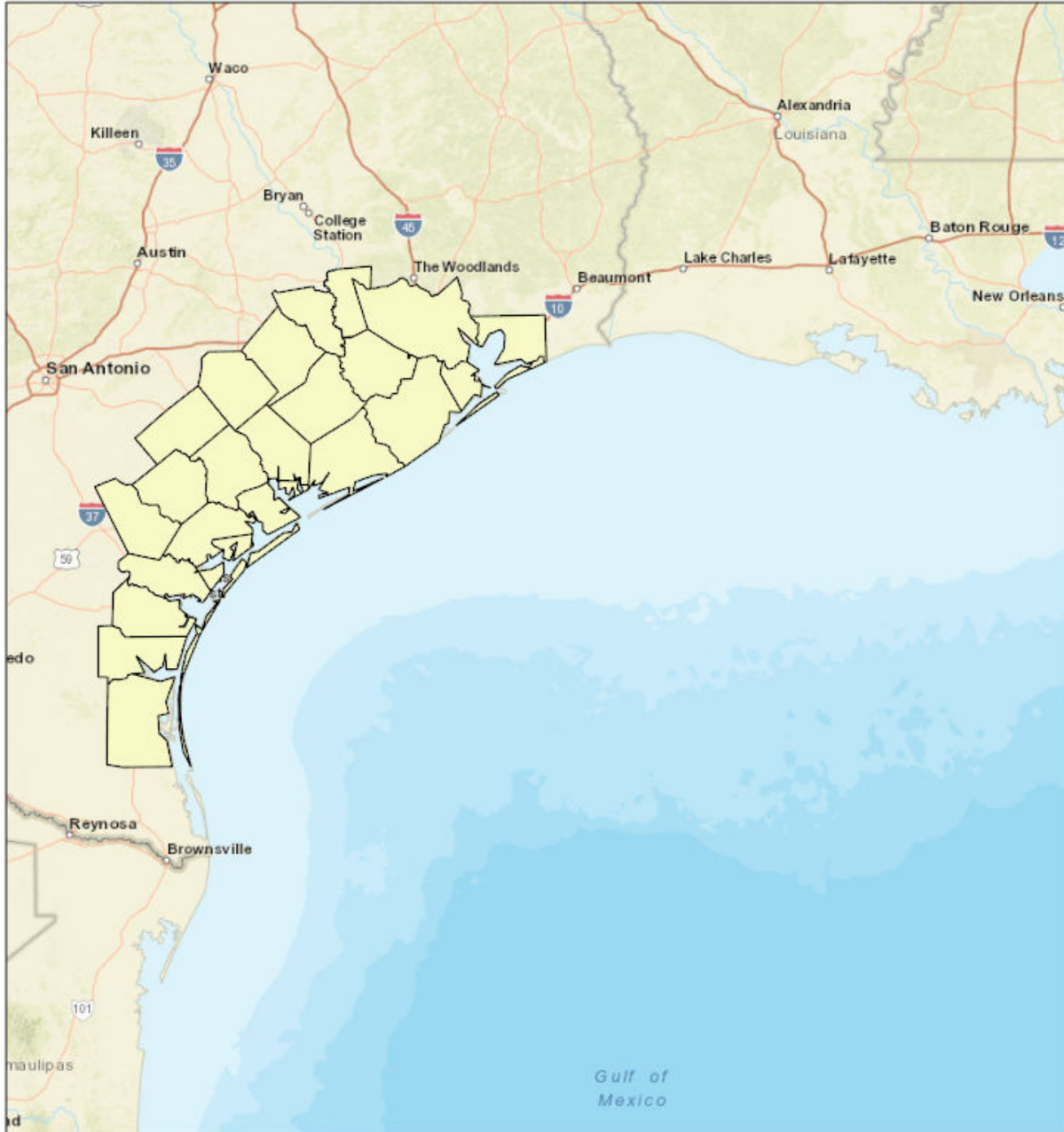
 < 100,000 cubic yards



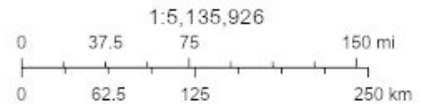
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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Temporary Roofing



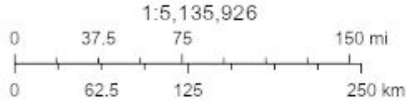
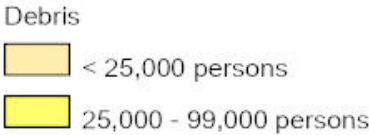
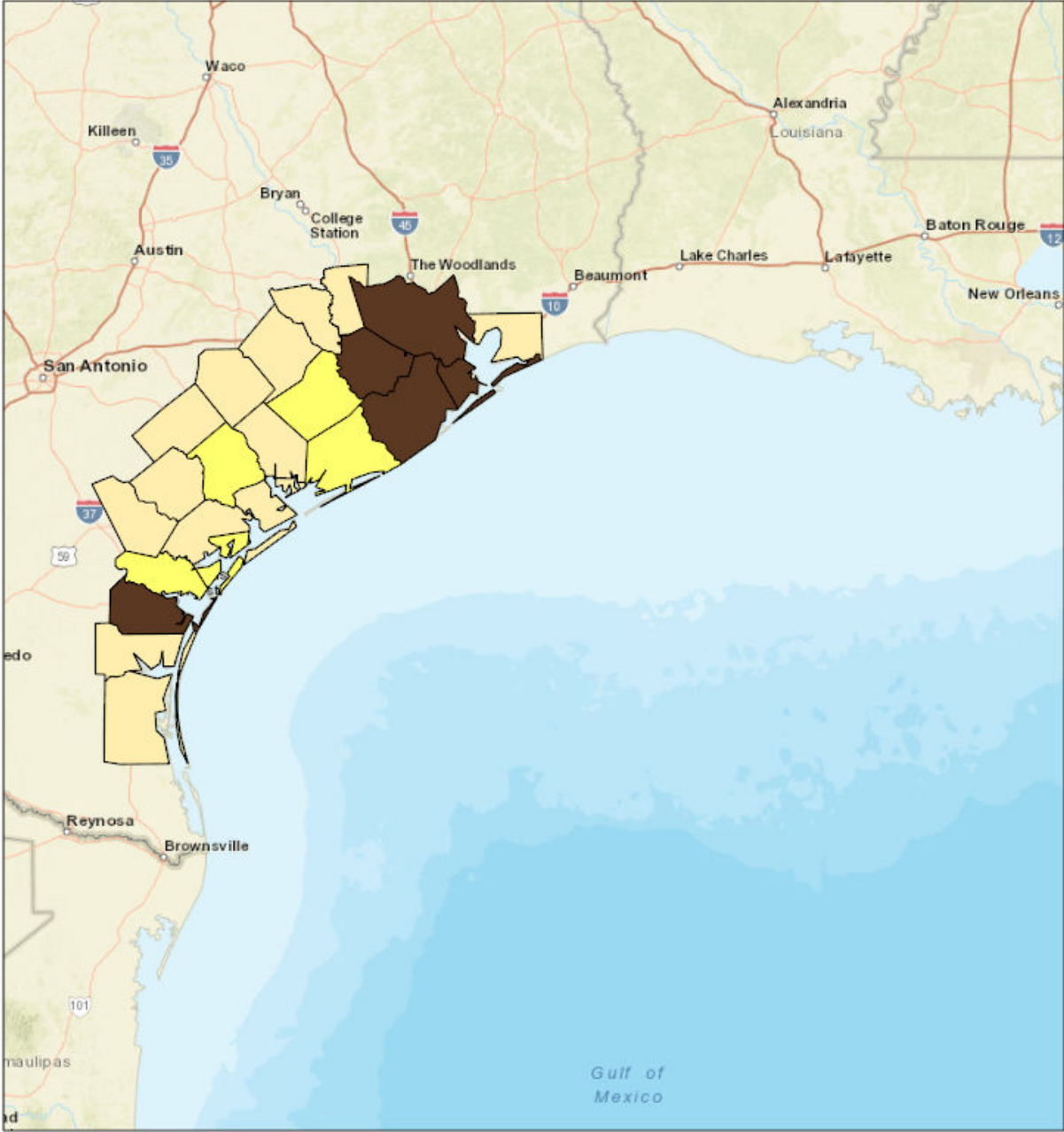
Debris
 < 2,000 units



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

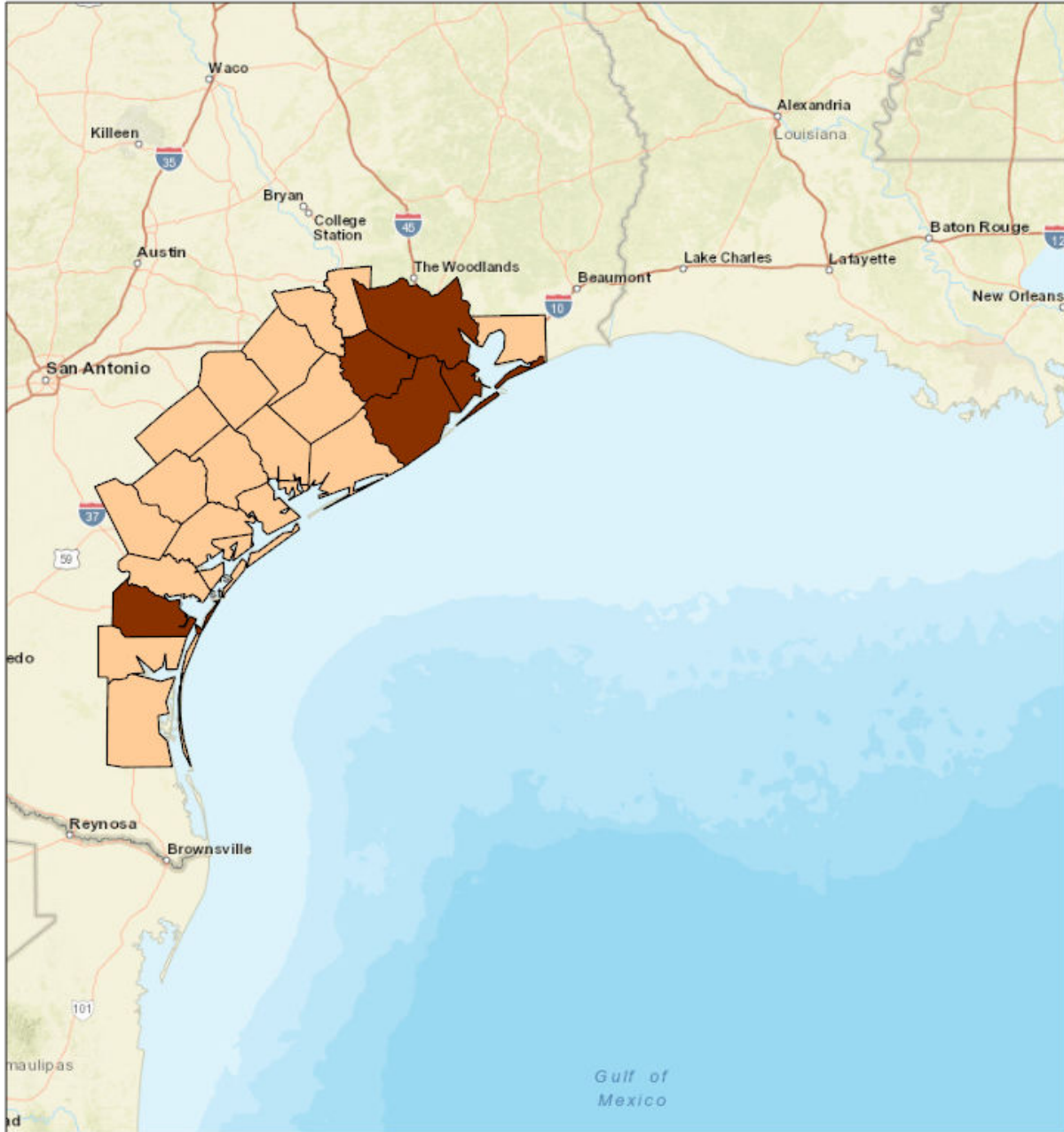
Created by SimSuite

Population

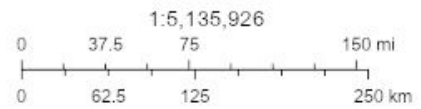


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Households



Debris



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

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	23
Debris (cu. yd.)	9,254
Temporary Roofing (units)	36
Population	3,706,412.381
Households	1,053,967.071

Population Distribution	
Tropical Storm	3,687,050
Category 1	9,957

TEXAS	Yards of Debris (9,254)	Roof Units (36)	Population (3,706,412)	Households (1,053,967)
Aransas	0	0	25,715	9,132
Austin	0	0	11,039	3,509
Bee	0	0	15,345	4,228
Brazoria	0	0	316,943	81,958
Calhoun	8,519	33	20,928	7,444
Chambers	0	0	3,440	935
Colorado	0	0	21,362	7,641
DeWitt	0	0	19,796	7,207
Fort Bend	0	0	577,874	110,915
Galveston	0	0	297,386	94,782
Goliad	0	0	7,294	2,644
Harris	0	0	1,771,609	513,389
Jackson	0	0	14,569	5,336
Kenedy	0	0	382	138
Kleberg	0	0	7,531	2,650
Lavaca	0	0	19,024	7,669
Matagorda	735	3	37,457	13,861
Nueces	0	0	329,298	110,365
Refugio	0	0	7,400	2,985
San Patricio	0	0	59,029	18,747
Victoria	0	0	88,358	30,071
Waller	0	0	12,874	3,562
Wharton	0	0	41,761	14,801

COVID-19

#	County	Cases
1	Harris	121,628
2	Nueces	19,913
3	Fort Bend	15,678
4	Galveston	11,402
5	Brazoria	10,872
6	Victoria	3,972
7	Bee	1,791
8	San Patricio	1,398
9	Wharton	1,309
10	Chambers	1,244
11	Matagorda	1,011
12	Kleberg	966
13	DeWitt	945
14	Waller	808
15	Lavaca	708
16	Calhoun	623
17	Fayette	553
18	Jackson	526
19	Austin	481
20	Colorado	465
21	Aransas	308
22	Refugio	301
23	Goliad	152
24	Kenedy	7

Critical Infrastructure

Summary			
Total Critical Facilities		34	
Power Requirements (kW)		430.1	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (0)	0.0	35 - 75	0.0
Cellular Towers (8)	4.8	35 - 75	264.0
FM Antennas (2)	0.1	35 - 75	5.5
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (0)	0.0	200 - 300	0.0
Public Schools (1)	0.3	200 - 300	75.0
Colleges and Universities (0)	0.0	200 - 300	0.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (2)	0.2	15 - 35	5.0
Fire Stations (2)	0.2	15 - 35	5.0
Service Providers (0)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (0)	0.0	35 - 100	0.0
Hospitals (0)	0.0	800 - 2000	0.0
Urgent Care Facilities (0)	0.0	200 - 300	0.0
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 (0)	0.0	15 - 35	0.0
National Security Government Military Facilities (0)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (0)	0.0	400 - 600	0.0
Local Police (0)	0.0	15 - 35	0.0
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 (0)	0.0	15 - 40	0.0
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 (0)	0.0	100 - 200	0.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (10)	0.0	600 - 1200	0.0
Amtrak Stations (0)	0.0	100 - 300	0.0
Bus Stations (0)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (0)	0.0	100 - 300	0.0
Railroad Stations (0)	0.0	100 - 300	0.0
Public-Use Airports (9)	1.1	40 - 100	75.6

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (0)	0.0	800 - 2000	0.0

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