



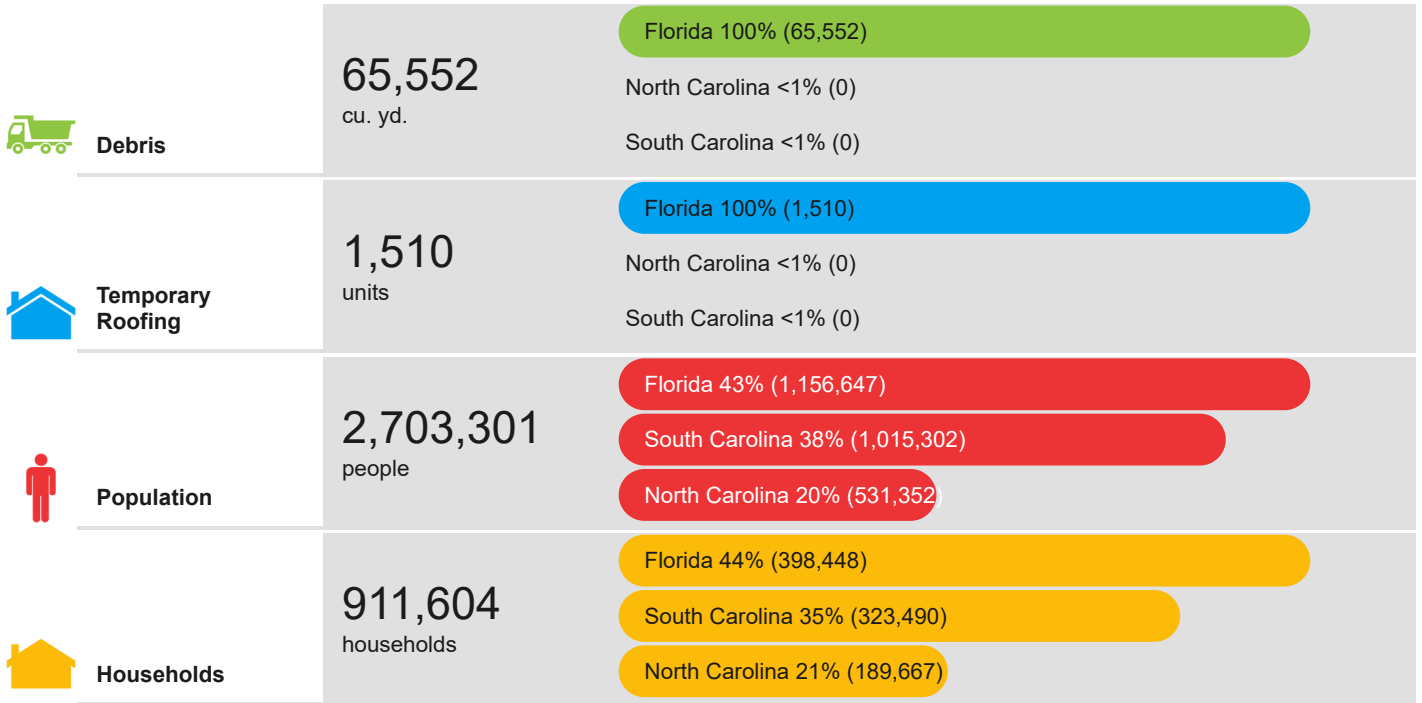
Hurricane Isaias Adv. 19

For Planning Purposes Only!

WASHINGTON, DC 19:11:13 01 Aug 2020	CHICAGO 18:11:13 01 Aug 2020	LOS ANGELES 16:11:13 01 Aug 2020
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https://esamw07404nb251:3344/webappbuilder/apps/2/?_65=123

Updated as of 1 Aug 2020 (6:11 PM Central Daylight Time)



Critical Infrastructure Summary

Total

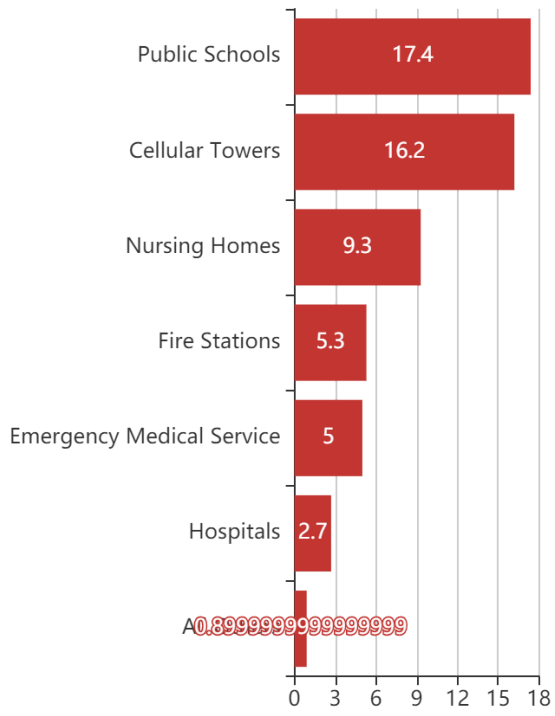


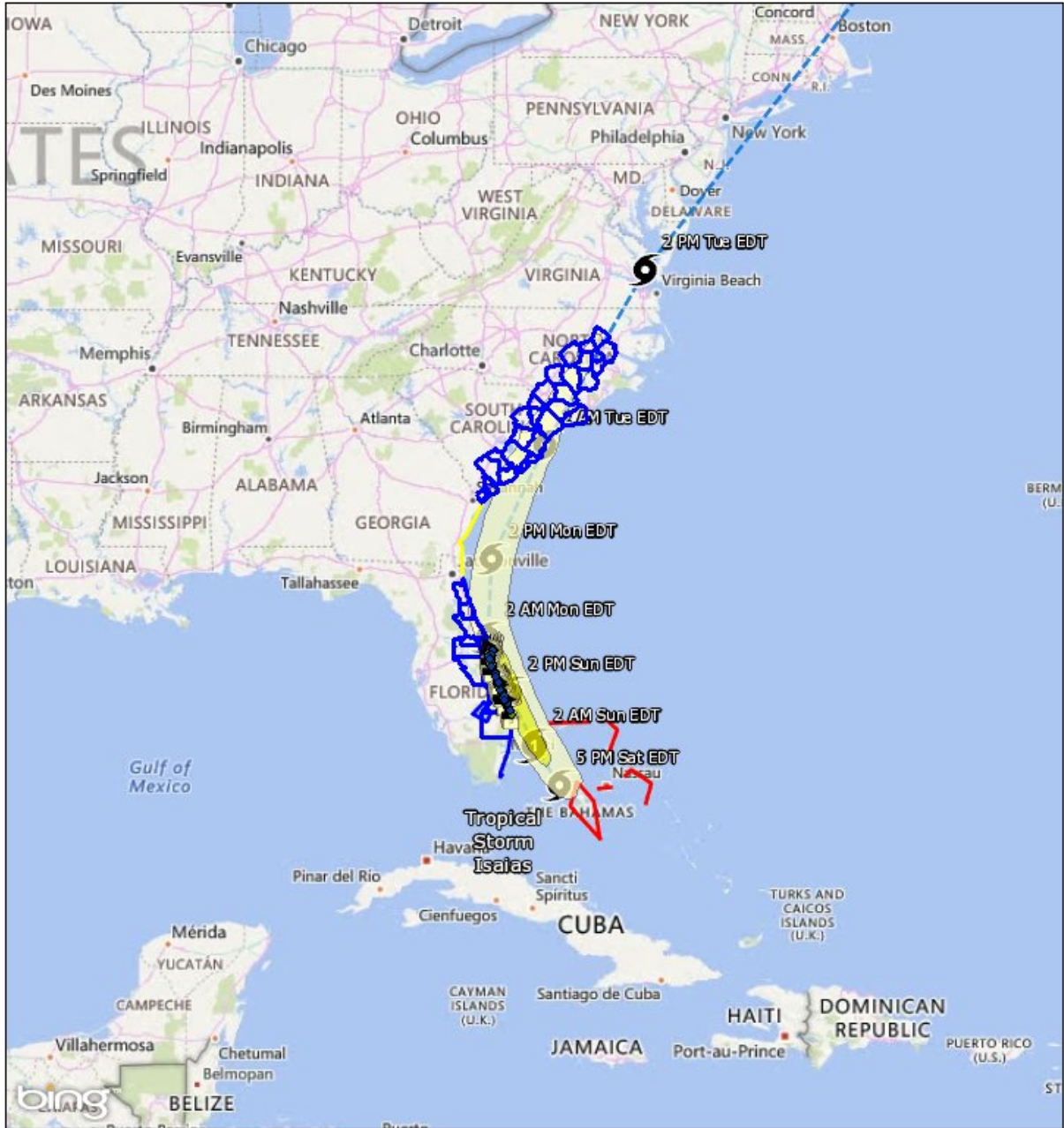
Power Requirements



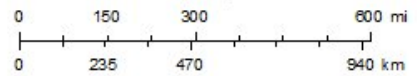
Generators

By Generator Count





1:17,282,357




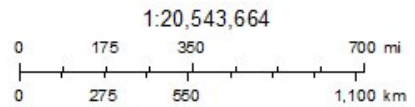
NOAA/NOS/IOCS now COAST, NOAA/NWS/NHC, NOAA/NWS/OPHC
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Mission Summaries

Debris

 < 100,000 cubic yards



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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	36
Debris (cu. yd.)	65,552
Temporary Roofing (units)	1,510
Population	2,703,301.35
Households	911,604.474

Population Distribution	
Tropical Storm	2,412,427
Category 1	74,690

FLORIDA	Yards of Debris (65,552)	Roof Units (1,510)	Population (1,156,647)	Households (398,448)
Brevard	42,758	985	457,518	162,400
Flagler	0	0	26,718	5,877
Indian River	9,280	214	70,221	24,064
Martin	4,028	93	42,216	16,283
Orange	0	0	51,889	15,603
Osceola	0	0	707	153
Palm Beach	0	0	135,470	49,621
Seminole	0	0	7,094	2,333
St. Johns	0	0	1,157	300
St. Lucie	9,487	219	118,977	33,001
Volusia	0	0	244,681	88,813

NORTH CAROLINA	Yards of Debris (0)	Roof Units (0)	Population (531,352)	Households (189,667)
Bladen	0	0	32,577	12,897
Brunswick	0	0	4,567	1,228
Columbus	0	0	54,899	21,308
Cumberland	0	0	44,884	14,865
Duplin	0	0	13,287	4,463
Edgecombe	0	0	52,057	20,392
Greene	0	0	8,331	2,615
Johnston	0	0	25,959	6,934
Lenoir	0	0	159	66
Pitt	0	0	3,884	1,257
Robeson	0	0	30,678	10,144
Sampson	0	0	65,513	22,273
Wayne	0	0	115,330	42,612
Wilson	0	0	79,228	28,613

SOUTH CAROLINA	Yards of Debris (0)	Roof Units (0)	Population (1,015,302)	Households (323,490)
Beaufort	0	0	8,627	2,410
Berkeley	0	0	175,573	49,922
Charleston	0	0	361,569	123,326
Colleton	0	0	534	195
Dillon	0	0	3,830	1,386
Dorchester	0	0	20,951	5,399
Florence	0	0	29,940	10,378
Georgetown	0	0	64,020	21,659
Horry	0	0	279,428	81,800
Marion	0	0	34,336	13,301
Williamsburg	0	0	36,494	13,714

Critical Infrastructure 2020

Summary			
Total Structures		492	
Power Requirements		13,713.3	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (3)	0.2	35 - 75	8.3
Cellular Towers (27)	16.2	35 - 75	891.0
FM Antennas (19)	1.0	35 - 75	52.3
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (39)	0.0	200 - 300	0.0
Public Schools (58)	17.4	200 - 300	4,350.0
Colleges and Universities (5)	0.1	200 - 300	25.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (1)	0.1	15 - 35	2.5
Emergency Medical Service (50)	5.0	15 - 35	125.0
Fire Stations (53)	5.3	15 - 35	132.5
Service Providers (1)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (62)	9.3	35 - 100	627.7
Hospitals (9)	2.7	800 - 2000	3,780.0
Urgent Care Facilities (13)	2.6	200 - 300	650.0
Military	# FED Gen Req	Range (kW)	Req kW
Air National Guard (ANG) Sites (1)	0.0	15 - 35	0.0
Army National Guard (ARNG) Sites (0)	0.0	15 - 35	0.0
National Security Government Military Facilities (65)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (1)	0.2	400 - 600	100.0
Local Police (14)	1.4	15 - 35	35.0
State Police (2)	0.1	15 - 35	2.5
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (1)	0.2	15 - 40	5.5
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 (0)	0.0	100 - 200	0.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (30)	0.0	600 - 1200	0.0
Amtrak Stations (0)	0.0	100 - 300	0.0
Bus Stations (15)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (3)	0.0	100 - 300	0.0
Railroad Stations (0)	0.0	100 - 300	0.0
Public-Use Airports (15)	1.8	40 - 100	126.0

Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (5)	2.0	800 - 2000	2,800.0

COVID-19

#	County	Cases
1	Palm Beach	33,274
2	Orange	29,011
3	Charleston	11,345
4	Osceola	8,470
5	Horry	7,975
6	Volusia	6,834
7	Seminole	6,487
8	Brevard	5,420
9	St. Lucie	5,002
10	Berkeley	3,760
11	Martin	3,591
12	Beaufort	3,503
13	St. Johns	3,216
14	Johnston	2,929
15	Florence	2,853
16	Dorchester	2,702
17	Cumberland	2,636
18	Robeson	2,563
19	Wayne	2,285
20	Indian River	2,204
21	Duplin	1,913
22	Pitt	1,699
23	Sampson	1,411
24	Wilson	1,370
25	Georgetown	1,237
26	Brunswick	1,165
27	Flagler	901
28	Williamsburg	860
29	Columbus	807
30	Colleton	739
31	Edgecombe	564
32	Bladen	563
33	Dillon	541
34	Lenoir	522
35	Marion	511
36	Greene	297