



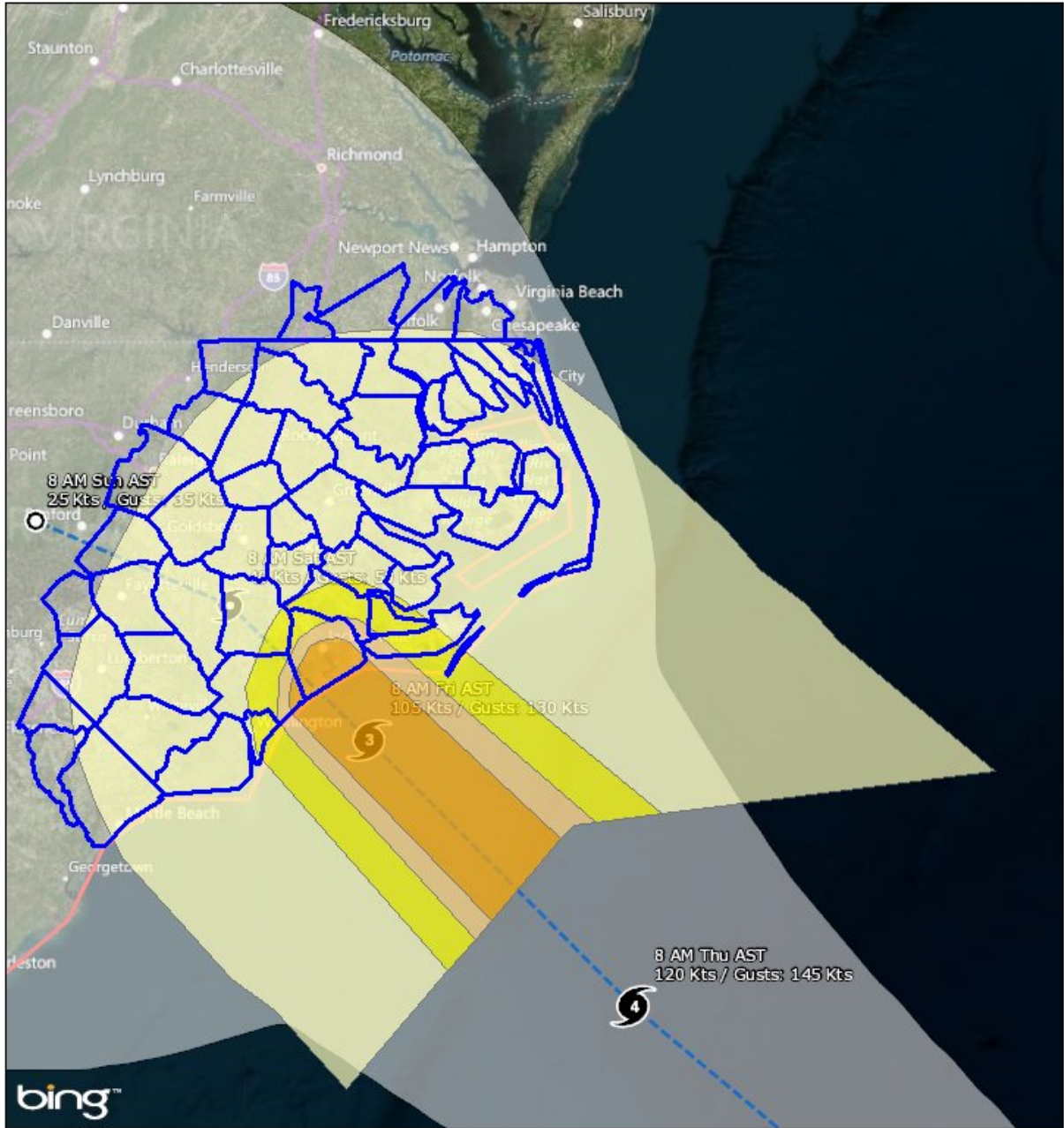
Hurricane Florence - Advisory #49

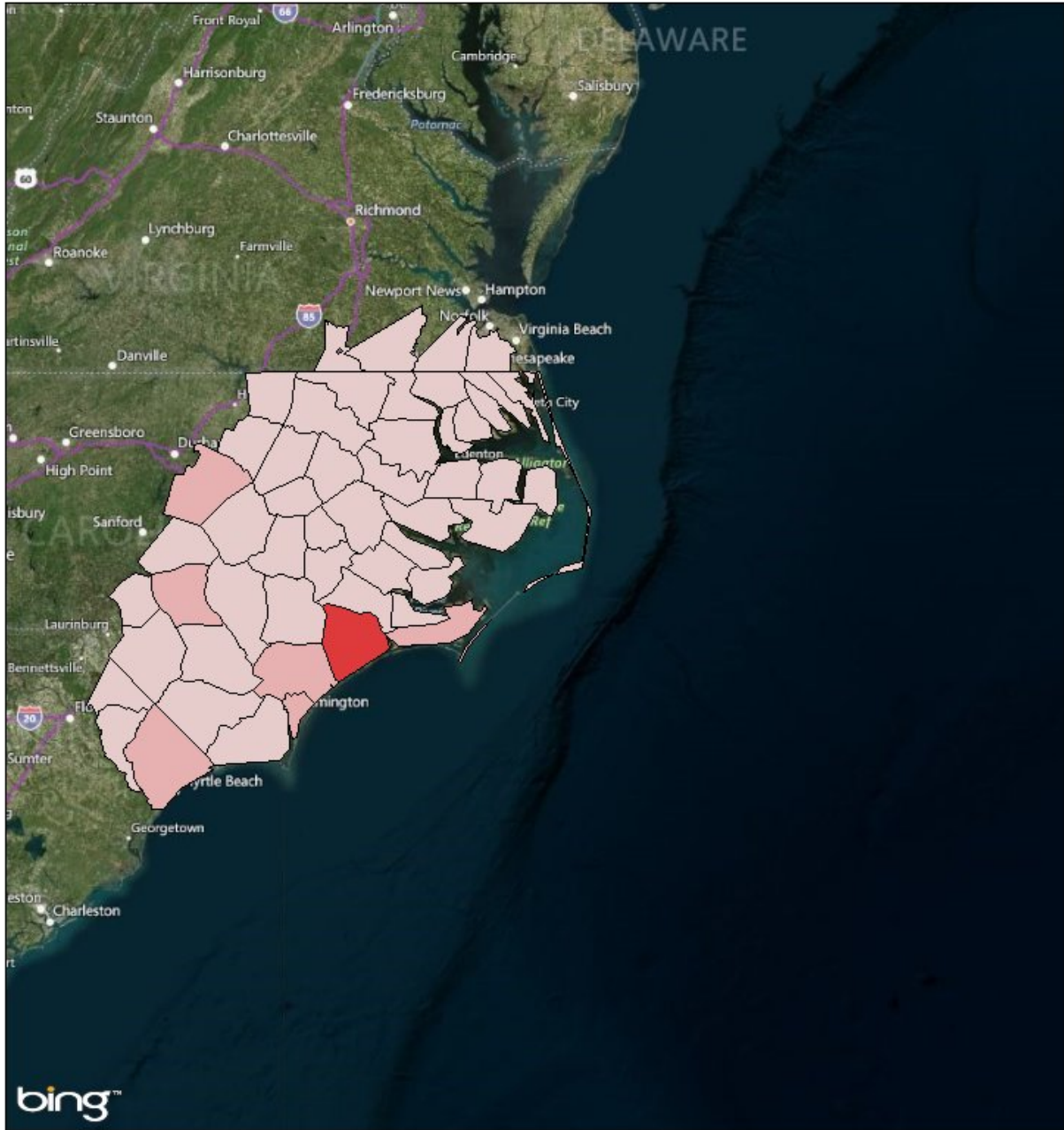
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http://simsuite.usace.army.mil/agol/apps/missionmodels/index.html?_66=37

Updated as of 11 Sep 2018 (1:23 PM Eastern Daylight Time)

	Debris	2,835,409 cu. yd.	<p>North Carolina 90% (2,550,013)</p> <p>South Carolina 5% (145,061)</p> <p>Virginia 5% (140,335)</p>
	Temporary Roofing	12,891 units	<p>North Carolina 100% (12,891)</p> <p>South Carolina <1% (0)</p> <p>Virginia <1% (0)</p>
	Population	4,367,616 people	<p>North Carolina 84% (3,683,053)</p> <p>South Carolina 8% (344,705)</p> <p>Virginia 8% (339,858)</p>
	Households	1,368,680 households	<p>North Carolina 85% (1,159,543)</p> <p>South Carolina 8% (106,300)</p> <p>Virginia 8% (102,837)</p>
	Critical Infrastructure	<p>North Carolina</p> <ul style="list-style-type: none"> (24) 15 - 35 kW (1) 15 - 40 kW (31) 35 - 75 kW (7) 35 - 100 kW (3) 40 - 100 kW (43) 200 - 300 kW (2) 400 - 600 kW (6) 800 - 2000 kW 	

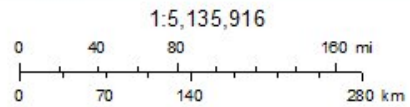




Mission Summaries

Debris

- < 100,000 cubic yards
- 100,000 - 249,000 cubic yards
- 500,000 - 999,999 cubic yards



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.

Total Counties	50
Debris (cu. yd.)	2,835,409
Temporary Roofing (units)	12,891
Population	4,367,616
Households	1,368,680

NORTH CAROLINA	Yards of Debris (2,550,013)	Roof Units (12,891)	Population (3,683,053)	Households (1,159,543)
Beaufort	24,999	0	46,951	18,319
Bertie	10,566	0	20,019	7,743
Bladen	17,600	0	32,577	12,897
Brunswick	41,537	0	113,235	30,438
Camden	3,633	0	10,301	2,662
Carteret	135,121	1,676	64,494	25,204
Chowan	7,615	0	14,807	5,580
Columbus	29,078	0	54,899	21,308
Craven	80,651	1,383	99,813	34,582
Cumberland	146,505	0	324,167	107,358
Currituck	9,419	0	24,830	6,902
Dare	17,317	0	34,007	12,690
Duplin	97,931	1,215	54,388	18,267
Edgecombe	27,828	0	52,057	20,392
Franklin	24,349	0	60,792	17,843
Gates	5,323	0	12,160	3,901
Greene	9,138	0	21,331	6,696
Halifax	30,188	0	55,202	22,122
Harnett	46,125	0	115,536	33,800
Hertford	12,218	0	23,672	8,953
Hoke	15,520	0	46,265	11,373
Hyde	2,982	0	5,428	2,185
Johnston	63,585	0	174,426	46,595
Jones	21,771	270	10,288	4,061
Lenoir	32,563	0	57,180	23,862
Martin	13,674	0	23,823	10,020
Nash	45,912	0	95,531	33,644
New Hanover	159,013	2,727	199,320	68,183
Northampton	11,860	0	21,041	8,691
Onslow	729,332	4,058	172,836	48,122
Pamlico	12,076	207	12,853	5,178
Pasquotank	17,613	0	42,443	12,907
Pender	187,962	1,354	54,546	16,054
Perquimans	6,339	0	13,145	4,645
Pitt	71,697	0	162,304	52,539
Robeson	59,603	0	132,092	43,677
Sampson	30,395	0	65,513	22,273
Tyrrell	2,097	0	4,244	1,537
Wake	173,840	0	927,140	242,040
Warren	10,519	0	19,843	7,708
Washington	7,324	0	12,996	5,367
Wayne	58,150	0	115,330	42,612

Wilson	39,046	0	79,228	28,613
SOUTH CAROLINA	Yards of Debris (145,061)	Roof Units (0)	Population (344,705)	Households (106,300)
Dillon	15,283	0	30,941	11,199
Horry	111,627	0	279,428	81,800
Marion	18,151	0	34,336	13,301
VIRGINIA	Yards of Debris (140,335)	Roof Units (0)	Population (339,858)	Households (102,837)
Chesapeake	95,388	0	223,279	69,900
Greensville	4,606	0	12,351	3,375
Southampton	8,569	0	19,004	6,279
Suffolk	31,773	0	85,224	23,283

Critical Infrastructure

Total: **843 Structures**

Power Requirements: **26,779.0 kW**

Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (9)	0.5	35 - 75	24.8
Cellular Towers (51)	30.6	35 - 75	1,683.0
FM Antennas (28)	1.4	35 - 75	77.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (37)	0.0	200 - 300	0.0
Public Schools (131)	39.3	200 - 300	9,825.0
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 (112)	11.2	15 - 35	280.0
Fire Stations (119)	11.9	15 - 35	297.5
Service Providers (1)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (48)	7.2	35 - 100	486.0
Hospitals (9)	2.7	800 - 2000	3,780.0
Urgent Care Facilities (23)	4.6	200 - 300	1,150.0
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 (3)	0.0	15 - 35	0.0
National Security Government Military Facilities (134)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (10)	2.0	400 - 600	1,000.0
Local Police (22)	2.2	15 - 35	55.0
State Police (4)	0.2	15 - 35	5.0
Correctional Facilities (11)	2.2	400 - 600	1,100.0
State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (6)	1.2	15 - 40	33.0
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 (28)	0.0	600 - 1200	0.0
Amtrak Stations (0)	0.0	100 - 300	0.0
Bus Stations (10)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (1)	0.0	100 - 300	0.0
Railroad Stations (0)	0.0	100 - 300	0.0
Public-Use Airports (28)	3.4	40 - 100	235.2

Water_Waster 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