

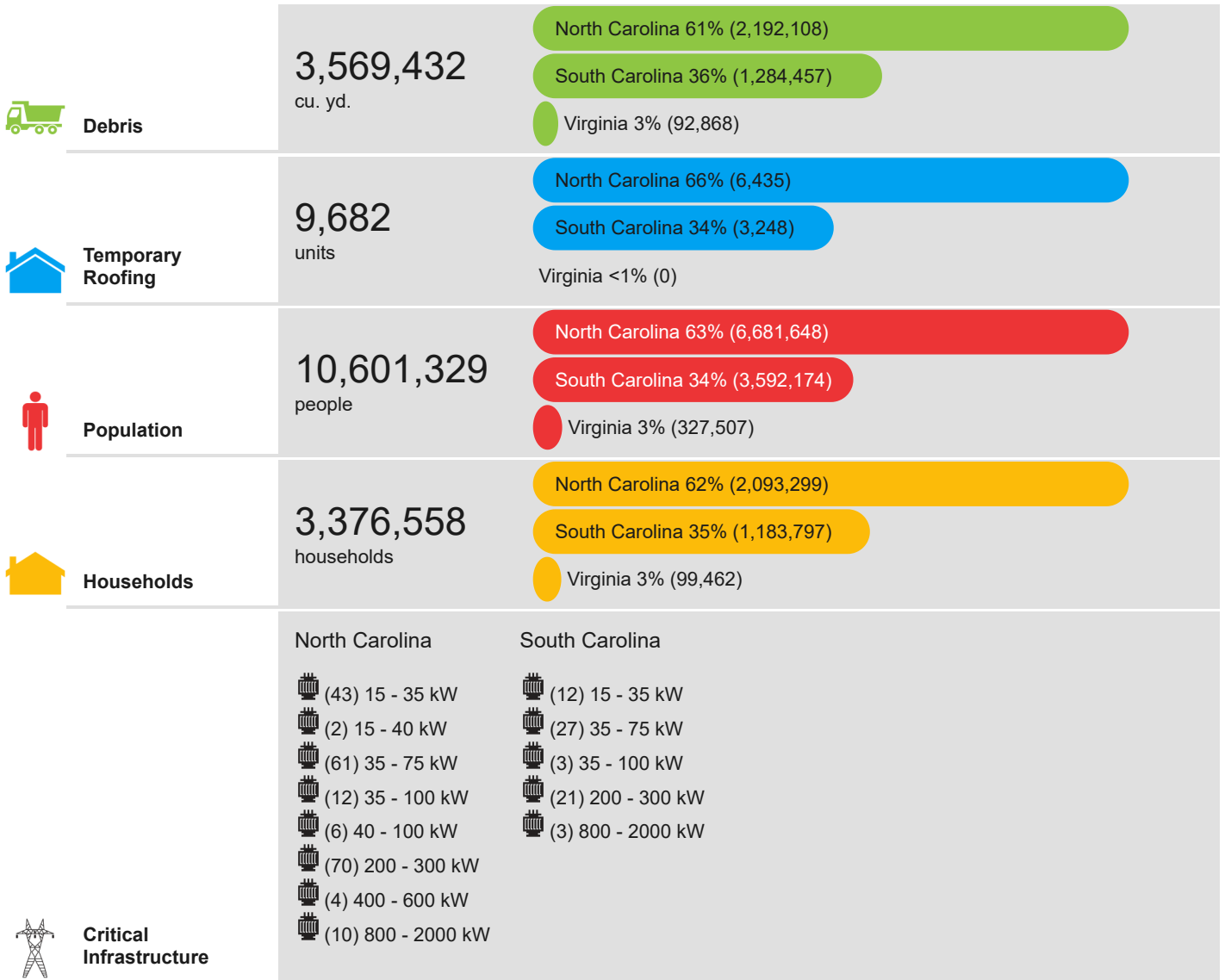


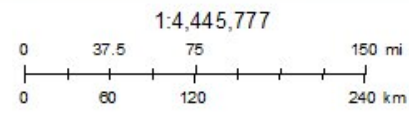
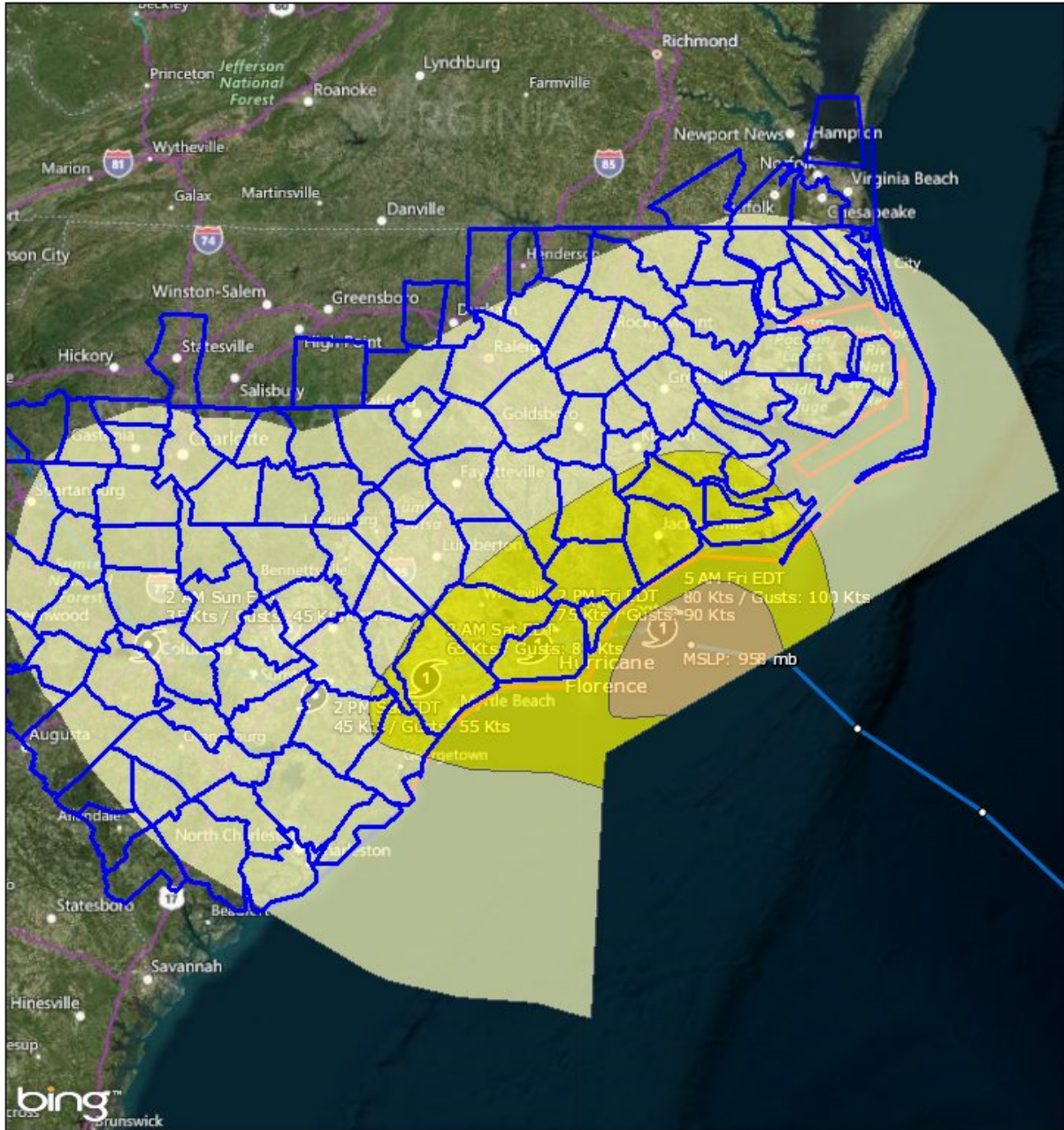
# Hurricane Florence - Advisory #60

For Planning Purposes Only!

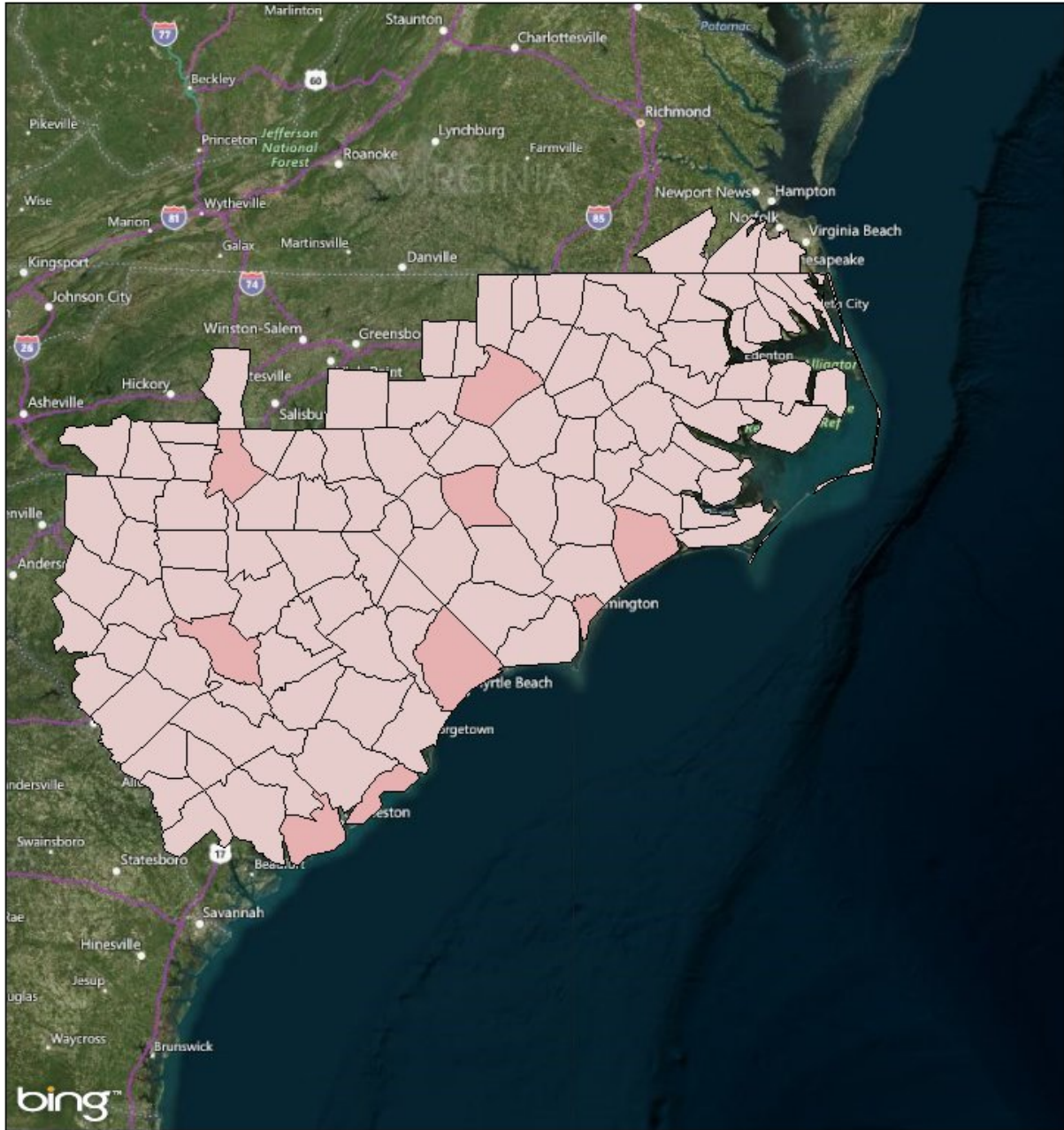
[http://simsuite.usace.army.mil/agol/apps/missionmodels/index.html?\\_66=45](http://simsuite.usace.army.mil/agol/apps/missionmodels/index.html?_66=45)

Updated as of 14 Sep 2018 (7:20 AM Eastern Daylight Time)





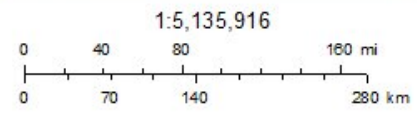
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**Mission Summaries**

**Debris**

- < 100,000 cubic yards
- 100,000 - 249,000 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	105
Debris (cu. yd.)	3,569,432
Temporary Roofing (units)	9,682
Population	10,601,329
Households	3,376,558

<b>NORTH CAROLINA</b>	<b>Yards of Debris (2,192,108)</b>	<b>Roof Units (6,435)</b>	<b>Population (6,681,648)</b>	<b>Households (2,093,299)</b>
Anson	8,594	0	25,341	9,204
Beaufort	17,104	0	46,951	18,319
Bertie	7,230	0	20,019	7,743
Bladen	20,580	222	32,577	12,897
Brunswick	68,719	524	113,235	30,438
Cabarrus	46,236	0	179,310	49,519
Camden	2,486	0	10,301	2,662
Carteret	40,218	434	64,494	25,204
Chatham	18,432	0	64,256	19,741
Chowan	5,210	0	14,807	5,580
Cleveland	34,590	0	99,430	37,046
Columbus	34,001	366	54,899	21,308
Craven	55,182	595	99,813	34,582
Cumberland	100,240	0	324,167	107,358
Currituck	6,444	0	24,830	6,902
Dare	11,849	0	34,007	12,690
Duplin	29,148	314	54,388	18,267
Durham	83,113	0	270,938	89,015
Edgecombe	19,040	0	52,057	20,392
Franklin	16,660	0	60,792	17,843
Gaston	69,034	0	210,477	73,936
Gates	3,642	0	12,160	3,901
Granville	15,550	0	59,205	16,654
Greene	6,252	0	21,331	6,696
Halifax	20,655	0	55,202	22,122
Harnett	31,559	0	115,536	33,800
Hertford	8,359	0	23,672	8,953
Hoke	10,619	0	46,265	11,373
Hyde	2,040	0	5,428	2,185
Iredell	44,220	0	163,072	47,360
Johnston	43,506	0	174,426	46,595
Jones	6,480	70	10,288	4,061
Lee	17,242	0	60,038	18,466
Lenoir	38,076	410	57,180	23,862
Lincoln	22,447	0	78,115	24,041
Martin	9,356	0	23,823	10,020
Mecklenburg	137,463	0	937,963	273,416
Montgomery	9,195	0	27,572	9,848
Moore	28,677	0	88,177	30,713
Nash	31,413	0	95,531	33,644
New Hanover	153,935	1,173	199,320	68,183
Northampton	8,115	0	21,041	8,691

Onslow	108,644	828	172,836	48,122
Orange	42,822	0	131,514	45,863
Pamlico	8,262	89	12,853	5,178
Pasquotank	12,051	0	42,443	12,907
Pender	36,245	276	54,546	16,054
Perquimans	4,337	0	13,145	4,645
Pitt	49,056	0	162,304	52,539
Randolph	47,300	0	143,505	50,659
Richmond	16,688	0	46,893	17,873
Robeson	69,695	751	132,092	43,677
Rutherford	23,521	0	63,969	25,191
Sampson	35,541	383	65,513	22,273
Scotland	12,511	0	37,059	13,399
Stanly	20,750	0	60,892	22,223
Tyrrell	1,435	0	4,244	1,537
Union	40,513	0	207,572	43,390
Vance	15,125	0	43,297	16,199
Wake	225,993	0	927,140	242,040
Warren	7,197	0	19,843	7,708
Washington	5,011	0	12,996	5,367
Wayne	39,787	0	115,330	42,612
Wilson	26,716	0	79,228	28,613



<b>SOUTH CAROLINA</b>	<b>Yards of Debris (1,284,457)</b>	<b>Roof Units (3,248)</b>	<b>Population (3,592,174)</b>	<b>Households (1,183,797)</b>
Aiken	51,902	0	157,068	55,587
Allendale	3,655	0	10,678	3,915
Bamberg	5,717	0	15,647	6,123
Barnwell	8,423	0	23,224	9,021
Berkeley	46,612	0	175,573	49,922
Calhoun	5,525	0	15,660	5,917
Charleston	115,149	0	361,569	123,326
Cherokee	19,136	0	55,063	20,495
Chester	12,026	0	33,146	12,880
Chesterfield	15,459	0	43,753	16,557
Clarendon	11,029	0	34,508	11,812
Colleton	13,511	0	39,678	14,470
Darlington	24,083	0	67,389	25,793
Dillon	17,870	193	30,941	11,199
Dorchester	32,408	0	134,691	34,709
Edgefield	7,722	0	26,391	8,270
Fairfield	8,192	0	24,241	8,774
Florence	75,232	811	136,016	47,147
Georgetown	34,561	373	64,020	21,659
Greenwood	24,023	0	70,122	25,729
Hampton	6,950	0	21,122	7,444
Horry	184,677	1,407	279,428	81,800
Kershaw	18,850	0	61,757	20,188
Lancaster	21,641	0	76,643	23,178
Laurens	24,547	0	71,133	26,290
Lee	6,429	0	20,260	6,886
Lexington	77,721	0	257,183	83,240
Marion	21,224	229	34,336	13,301
Marlboro	9,783	0	28,995	10,478
Newberry	13,096	0	38,285	14,026
Orangeburg	31,856	0	91,486	34,118
Richland	112,138	0	380,494	120,101
Saluda	6,654	0	19,157	7,127
Spartanburg	91,255	0	289,999	97,735
Sumter	35,227	0	104,976	37,728
Union	11,286	0	28,233	12,087
Williamsburg	21,883	236	36,494	13,714
York	57,003	0	232,815	61,051

<b>VIRGINIA</b>	<b>Yards of Debris (92,868)</b>	<b>Roof Units (0)</b>	<b>Population (327,507)</b>	<b>Households (99,462)</b>
Chesapeake	65,266	0	223,279	69,900
Southampton	5,863	0	19,004	6,279
Suffolk	21,739	0	85,224	23,283



## Critical Infrastructure

Total: **1837 Structures**

Power Requirements: **57,366.8 kW**

<b>Communications</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
AM Antennas (29)	1.5	35 - 75	79.8
Cellular Towers (139)	83.4	35 - 75	4,587.0
FM Antennas (93)	4.7	35 - 75	255.8
<b>Education</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Private Schools (76)	0.0	200 - 300	0.0
Public Schools (282)	84.6	200 - 300	21,150.0
Colleges and Universities (16)	0.3	200 - 300	80.0
<b>Emergency Services</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
911 Call Centers (1)	0.1	15 - 35	2.5
Emergency Medical Service (233)	23.3	15 - 35	582.5
Fire Stations (295)	29.5	15 - 35	737.5
Service Providers (2)	0.0	0 - 0	0.0
<b>Healthcare</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Nursing Homes (108)	16.2	35 - 100	1,093.5
Hospitals (21)	6.3	800 - 2000	8,820.0
Urgent Care Facilities (44)	8.8	200 - 300	2,200.0
<b>Military</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Air National Guard (ANG) Sites (0)	0.0	15 - 35	0.0
Army National Guard (ARNG) Sites (16)	0.0	15 - 35	0.0
National Security Government Military Facilities (176)	0.0	15 - 35	0.0
<b>Law Enforcement</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
Prison Points (23)	4.6	400 - 600	2,300.0
Local Police (63)	6.3	15 - 35	157.5
State Police (9)	0.5	15 - 35	11.3
Correctional Facilities (24)	4.8	400 - 600	2,400.0
<b>State and Local EOC</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
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 (0)	0.0	100 - 200	0.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (63)	0.0	600 - 1200	0.0
Amtrak Stations (0)	0.0	100 - 300	0.0
Bus Stations (24)	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 (61)	7.3	40 - 100	512.4

Water_Waster Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (22)	8.8	800 - 2000	12,320.0