



Hurricane Dorian - Advisory #52

For Planning Purposes Only!

WASHINGTON, DC
08:53:15
06 Sep 2019

CHICAGO
07:53:15
06 Sep 2019

LOS ANGELES
05:53:15
06 Sep 2019

http://simsuite.usace.army.mil/wab/v2.10/index.html?config=config-mission-models.json&_25=95

Updated as of 6 Sep 2019 (8:53 AM Eastern Daylight Time)



Debris

52,461
cu. yd.

North Carolina 100% (52,461)

Maine <1% (0)

Massachusetts <1% (0)

Virginia <1% (0)



Temporary Roofing

97
units

North Carolina 100% (97)

Maine <1% (0)

Massachusetts <1% (0)

Virginia <1% (0)



Population

1,692,587
people

Virginia 44% (748,016)

North Carolina 41% (701,414)

Massachusetts 14% (236,379)

Maine <1% (6,779)



Households

595,831
households

Virginia 43% (256,407)

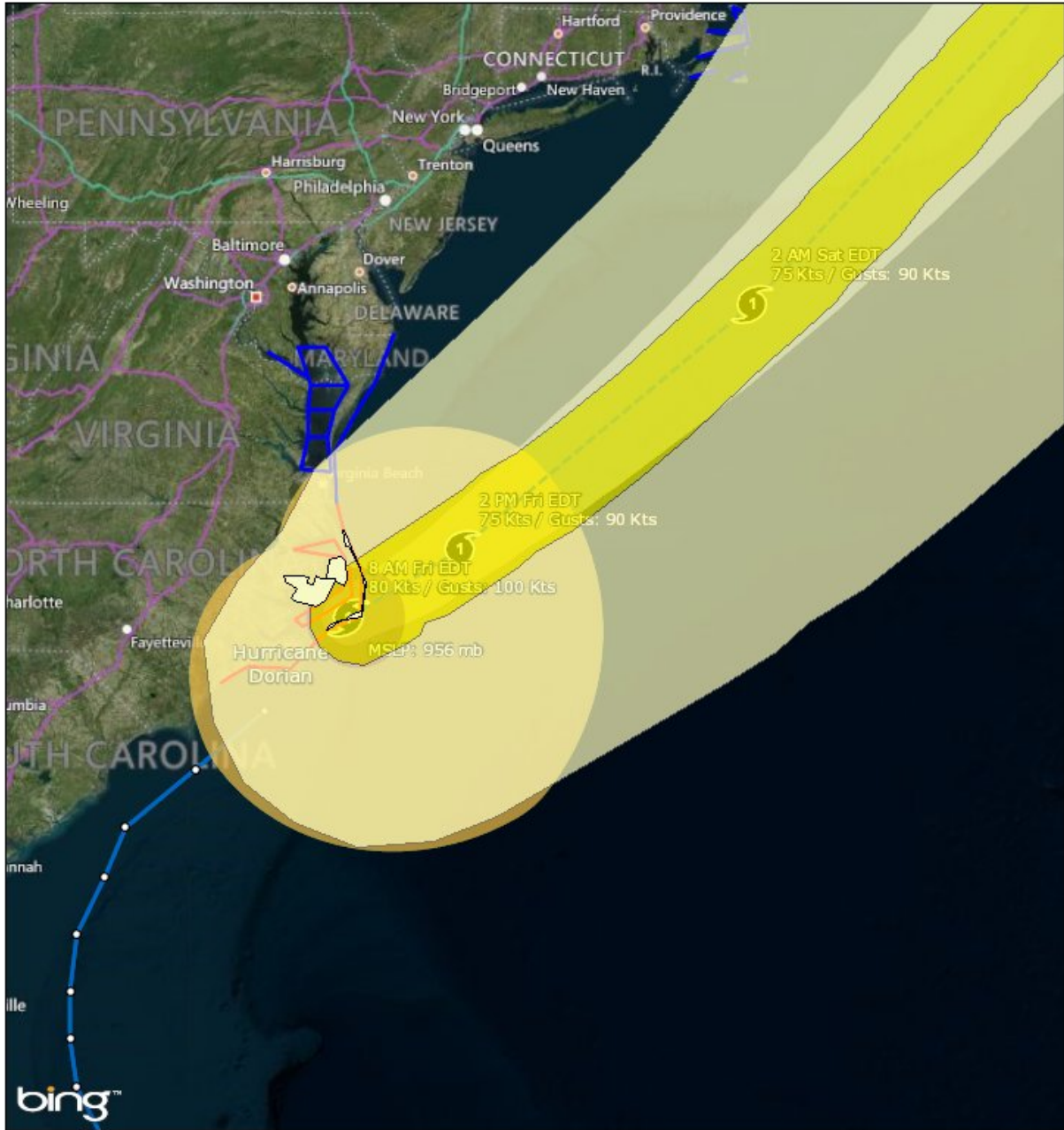
North Carolina 40% (236,088)

Massachusetts 17% (100,413)

Maine <1% (2,923)



Critical Infrastructure



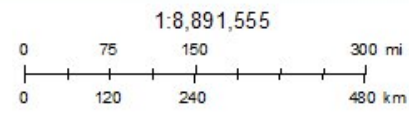
Mission Summaries

BlueRoof

- < 2,000 units
- 0
- 1

— Hurricane Watch

- Hurricane Warning
- Tropical Storm Watch
- Tropical Storm Warning



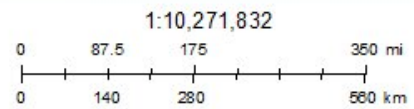
NOAA/NOS/OCES now COAST, NOAA/NWS/NHC, NOAA/NWS/OPHC
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Mission Summaries

Debris

< 100,000 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.

Mission Summary	
Total Counties	29
Debris (cu. yd.)	52,461
Temporary Roofing (units)	97
Population	1,692,587.344
Households	595,831.083

Population Distribution	
Tropical Storm	1,676,510
Category 1	16,071

MAINE	Yards of Debris (0)	Roof Units (0)	Population (6,779)	Households (2,923)
Washington	0	0	6,779	2,923

MASSACHUSETTS	Yards of Debris (0)	Roof Units (0)	Population (236,379)	Households (100,413)
Barnstable	0	0	221,015	94,822
Dukes	0	0	4,631	1,892
Nantucket	0	0	10,733	3,699

NORTH CAROLINA	Yards of Debris (52,461)	Roof Units (97)	Population (701,414)	Households (236,088)
Beaufort	0	0	46,951	18,319
Bertie	0	0	5,960	2,305
Camden	0	0	10,301	2,662
Carteret	0	0	64,494	25,204
Chowan	0	0	14,807	5,580
Craven	0	0	99,813	34,582
Currituck	0	0	24,830	6,902
Dare	47,305	87	34,000	12,688
Duplin	0	0	7,970	2,677
Gates	0	0	1,270	408
Hyde	5,156	10	5,428	2,185
Jones	0	0	10,288	4,061
Lenoir	0	0	22,652	9,453
Martin	0	0	11,895	5,003
Onslow	0	0	172,836	48,122
Pamlico	0	0	12,853	5,178
Pasquotank	0	0	42,443	12,907
Pender	0	0	10,793	3,177
Perquimans	0	0	13,145	4,645
Pitt	0	0	71,444	23,127
Tyrrell	0	0	4,244	1,537
Washington	0	0	12,996	5,367
VIRGINIA	Yards of Debris (0)	Roof Units (0)	Population (748,016)	Households (256,407)
Chesapeake	0	0	223,279	69,900
Norfolk	0	0	88,095	32,052
Virginia Beach	0	0	436,642	154,455

Critical Infrastructure

Summary			
Total Structures		87	
Power Requirements		4,383.0	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (0)	0.0	35 - 75	0.0
Cellular Towers (12)	7.2	35 - 75	396.0
FM Antennas (0)	0.0	35 - 75	0.0
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (0)	0.0	200 - 300	0.0
Public Schools (31)	9.3	200 - 300	2,325.0
Colleges and Universities (1)	0.0	200 - 300	5.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (8)	0.8	15 - 35	20.0
Fire Stations (9)	0.9	15 - 35	22.5
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 (3)	0.9	800 - 2000	1,260.0
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 (1)	0.2	400 - 600	100.0
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 (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 (11)	1.1	100 - 200	165.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (0)	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 (10)	1.2	40 - 100	84.0

Water_Waster 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

Report Generated by SimSuite

<http://simsuite.usace.army.mil/wab/v2.10/index.html?config=config-mission-models.json& 25=95>