



Hurricane Dorian - Advisory #25

For Planning Purposes Only!

WASHINGTON, DC
12:16:58
30 Aug 2019

CHICAGO
11:16:58
30 Aug 2019

LOS ANGELES
09:16:58
30 Aug 2019

http://simsuite.usace.army.mil/wab/v2.10/index.html?config=config-mission-models.json&_25=80

Updated as of 30 Aug 2019 (12:16 PM Eastern Daylight Time)



Debris

11,573,088
cu. yd.

Florida 100% (11,573,088)



Temporary Roofing

10,835
units

Florida 100% (10,835)



Population

8,229,735
people

Florida 100% (8,229,735)



Households

2,749,605
households

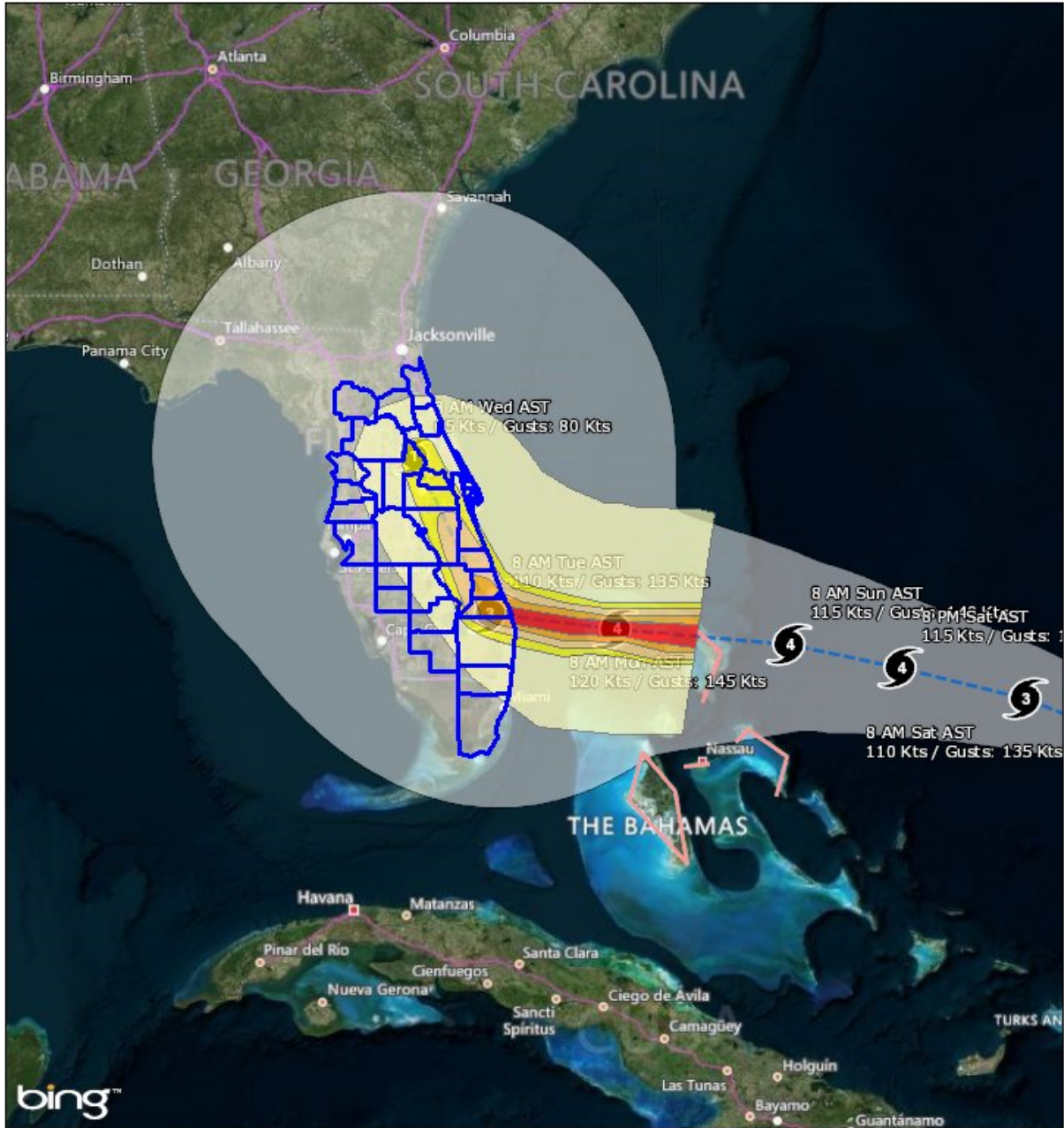
Florida 100% (2,749,605)



Critical Infrastructure

Florida

- (53) 15 - 35 kW
- (2) 15 - 40 kW
- (69) 35 - 75 kW
- (83) 35 - 100 kW
- (16) 40 - 100 kW
- (222) 200 - 300 kW
- (9) 400 - 600 kW
- (25) 800 - 2000 kW



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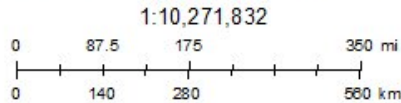


Mission Summaries

Debris

- < 100,000 cubic yards
- 100,000 - 249,000 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards

> 1,000,000 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.)	11,573,088
Temporary Roofing (units)	10,835
Population	8,229,735.052
Households	2,749,605.155

Population Distribution	
Tropical Storm	4,673,441
Category 1	2,212,260
Category 2	790,057
Category 3	389,838
Category 4	14,773

FLORIDA	Yards of Debris (11,573,088)	Roof Units (10,835)	Population (8,229,735)	Households (2,749,605)
Alachua	0	0	8,507	2,991
Brevard	1,317,982	1,579	558,355	198,194
Broward	0	0	1,754,788	654,445
Citrus	0	0	23,535	8,452
DeSoto	0	0	168	52
Flagler	0	0	96,812	21,294
Glades	1,073	2	7,244	2,509
Hardee	0	0	8,709	2,449
Hendry	2	0	7,006	1,862
Hernando	0	0	20,154	6,348
Highlands	3,349	5	91,610	33,461
Hillsborough	0	0	1,960	631
Indian River	677,927	736	143,384	49,137
Lake	124,207	199	306,234	88,413
Marion	3,908	6	267,522	83,069
Martin	1,763,245	944	143,526	55,360
Miami-Dade	0	0	45,164	14,240
Okeechobee	123,096	138	40,564	12,593
Orange	1,136,266	1,821	1,119,078	336,505
Osceola	460,728	559	281,754	60,951
Palm Beach	2,684,280	2,005	1,283,834	470,251
Pasco	0	0	56,120	17,607
Polk	16,422	26	529,264	165,280
Putnam	0	0	74,733	27,839
Seminole	557,498	893	424,370	139,572
St. Johns	0	0	52,754	13,664
St. Lucie	2,369,844	1,389	277,378	76,936
Sumter	0	0	96,296	20,779
Volusia	333,261	534	508,913	184,723

Critical Infrastructure

Summary			
Total Structures		3,374	
Power Requirements		112,841.3	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (48)	2.4	35 - 75	132.0
Cellular Towers (115)	69.0	35 - 75	3,795.0
FM Antennas (126)	6.3	35 - 75	346.5
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (325)	0.0	200 - 300	0.0
Public Schools (690)	207.0	200 - 300	51,750.0
Colleges and Universities (60)	1.2	200 - 300	300.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (5)	0.5	15 - 35	12.5
Emergency Medical Service (275)	27.5	15 - 35	687.5
Fire Stations (288)	28.8	15 - 35	720.0
Service Providers (4)	0.0	0 - 0	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (581)	87.1	35 - 100	5,882.6
Hospitals (46)	13.8	800 - 2000	19,320.0
Urgent Care Facilities (102)	20.4	200 - 300	5,100.0
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 (10)	0.0	15 - 35	0.0
National Security Government Military Facilities (217)	0.0	15 - 35	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Prison Points (48)	9.6	400 - 600	4,800.0
Local Police (62)	6.2	15 - 35	155.0
State Police (13)	0.7	15 - 35	16.3
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOC	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (11)	2.2	15 - 40	60.5
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 (1)	0.1	100 - 200	15.0

Transportation	# FED Gen Req	Range (kW)	Req kW
Ports (12)	0.0	600 - 1200	0.0
Amtrak Stations (7)	0.0	100 - 300	0.0
Bus Stations (114)	0.0	100 - 300	0.0
Intermodal Terminal Facilities (20)	0.0	100 - 300	0.0
Railroad Stations (10)	0.0	100 - 300	0.0
Public-Use Airports (151)	18.1	40 - 100	1,268.4

Water_Waster Water	# FED Gen Req	Range (kW)	Req kW
Water Treatment Facilities (0)	0.0	800 - 2000	0.0
Wastewater Treatment Plants (33)	13.2	800 - 2000	18,480.0

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