



Typhoon Yutu - Advisory #13

For Planning Purposes Only!

http://simsuite.usace.army.mil/wab/v2.10/index.html?config=config-mission-models.json&_25=62

Updated as of 24 Oct 2018 (12:07 PM Eastern Daylight Time)

COMMONWEALTH OF NORTHERN MARIANA ISLANDS



Critical Infrastructure

- (6) 35 - 75 kW
- (1) 40 - 100 kW
- (1) 100 - 200 kW
- (8) 200 - 300 kW



Debris

367,700
cu. yd.

COMMONWEALTH OF NORTHERN MARIANA ISLANDS 97% (357,000)

GUAM 3% (9,308)



Temporary Roofing

397
units

COMMONWEALTH OF NORTHERN MARIANA ISLANDS 100% (397)

GUAM <1% (0)



Population

227,896
people

GUAM 71% (162,896)

COMMONWEALTH OF NORTHERN MARIANA ISLANDS 29%

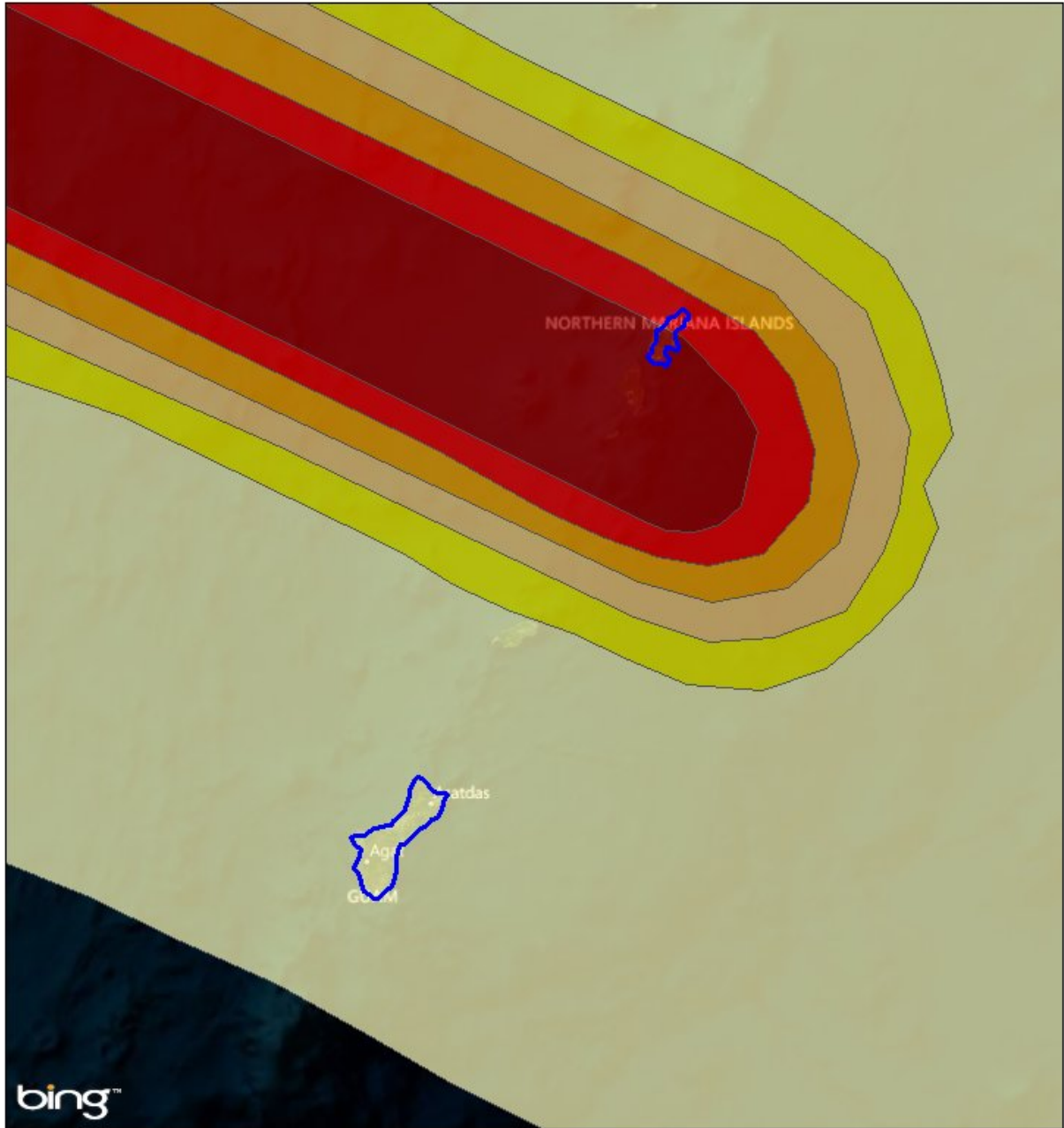


Households

61,255
households

GUAM 71% (43,200)

COMMONWEALTH OF NORTHERN MARIANA ISLANDS 29%

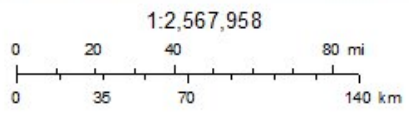




Mission Summaries

Debris

- < 100,000 cubic yards
- 250,000 - 499,999 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.

Mission Summary	
Total Counties	2
Debris (cu. yd.)	367,700
Temporary Roofing (units)	397
Population	227,896
Households	61,255

Population Distribution	
Tropical Storm	162,896
Category 5	65,000

COMMONWEALTH OF NORTHERN MARIANA ISLANDS	Yards of Debris (358,392)	Roof Units (397)	Population (65,000)	Households (18,055)
SIAPAN	358,392	397	65,000	18,055

GUAM	Yards of Debris (9,308)	Roof Units (0)	Population (162,896)	Households (43,200)
GUAM	9,308	0	162,896	43,200

Critical Infrastructure

Summary	
Total Structures	78
Power Requirements	3,586.1

Range (kW)	# Cat 1	# Cat 2	# Cat 3	# Cat 4	# Cat 5
15 - 35	0.0	0.0	0.0	0.2	1.4
15 - 40	0.0	0.0	0.0	0.0	0.2
35 - 75	0.0	0.0	0.0	1.8	4.2
40 - 100	0.0	0.0	0.0	0.1	1.0
100 - 200	0.0	0.0	0.0	0.0	1.1
200 - 300	0.0	0.0	0.0	0.6	7.5
400 - 600	0.0	0.0	0.0	0.0	0.2
800 - 2000	0.0	0.0	0.0	0.0	0.6

Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (0)	0.0	35 - 75	0.0
Cellular Towers (10)	6.0	35 - 75	330.0
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 (27)	8.1	200 - 300	2,025.0
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 (8)	0.8	15 - 35	20.0
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 (2)	0.6	800 - 2000	840.0
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 (9)	1.1	40 - 100	75.6

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

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