



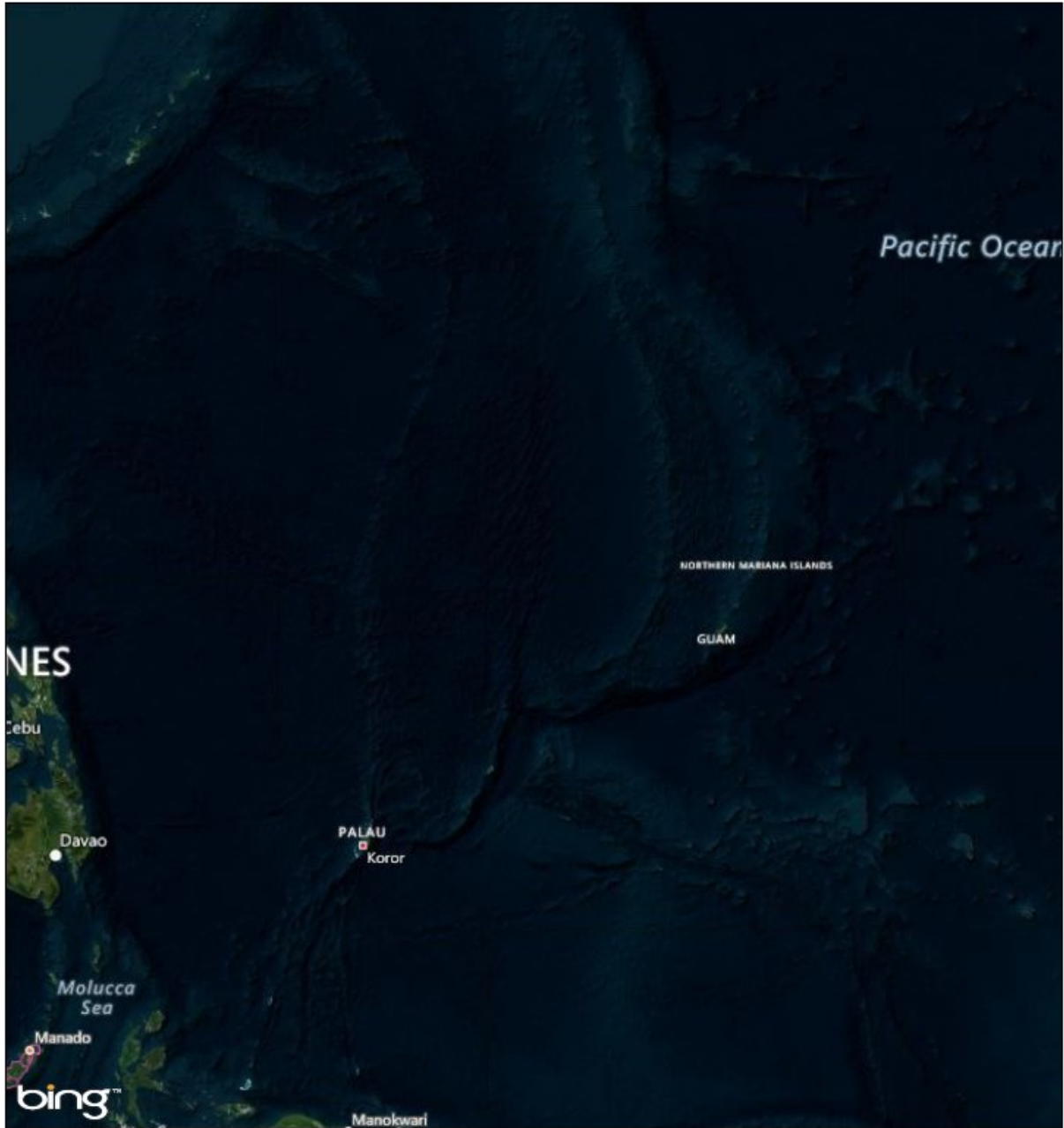
Typhoon Mangkhut - Advisory 12

For Planning Purposes Only!

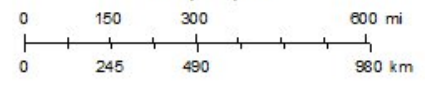
http://simsuite.usace.army.mil/agol/apps/missionmodels/index.html?_66=32

Updated as of 9 Sep 2018 (6:24 PM Eastern Daylight Time)

	Debris	65,993 cu. yd.	
	Temporary Roofing	864 units	
	Population	227,896 people	
	Households	61,255 households	
	Critical Infrastructure		



1:17,783,109



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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	2
Debris (cu. yd.)	65,993
Temporary Roofing (units)	864
Population	227,896
Households	61,255

COMMONWEALTH OF NORTHERN MARIANA ISLANDS	Yards of Debris (12,968)	Roof Units (0)	Population (65,000)	Households (18,055)
SIAPAN	12,968	0	65,000	18,055

GUAM	Yards of Debris (53,026)	Roof Units (864)	Population (162,896)	Households (43,200)
GUAM	53,026	864	162,896	43,200

Critical Infrastructure

Total: **10 Structures**

Power Requirements: **829.9 kW**

Communications	# FED Gen Req	Range (kW)	Req kW
AM Antennas (0)	0.0	35 - 75	0.0
Cellular Towers (3)	1.8	35 - 75	99.0
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 (4)	1.2	200 - 300	300.0
Colleges and Universities (0)	0.0	200 - 300	0.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (0)	0.0	15 - 35	0.0
Fire Stations (1)	0.1	15 - 35	2.5
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 (1)	0.3	800 - 2000	420.0
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 (0)	0.0	400 - 600	0.0
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 (0)	0.0	15 - 40	0.0
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 (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 (1)	0.1	40 - 100	8.4

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