



US Army Corps of Engineers
BUILDING STRONG®

Typhoon Mawar (Advisory #16)

For Planning Purposes Only!

WASHINGTON, DC
17:17:59
23 May 2023

CHICAGO
16:17:59
23 May 2023

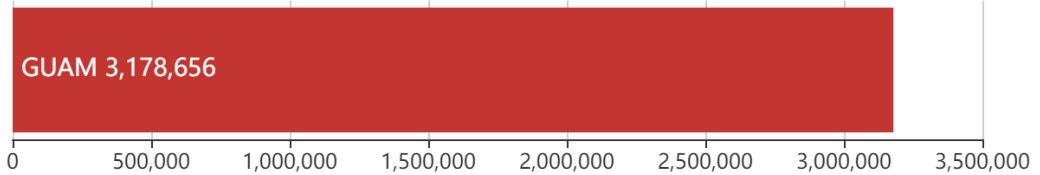
LOS ANGELES
14:17:59
23 May 2023

<https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html#advid=302&cid=91&name=Typhoon%20MAWAR&advisory=Adv.%20%2316&advlf=H>

Updated as of 23 May 2023 (4:17 PM Central Daylight Time)

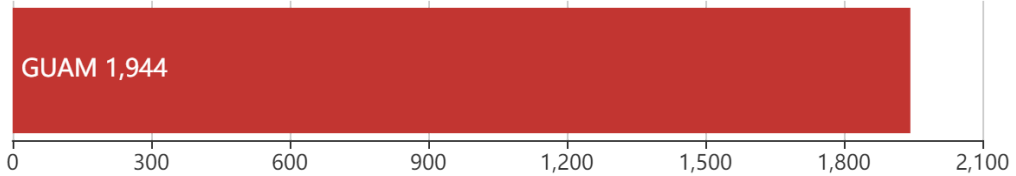
Debris

3.2M
cu. yd.



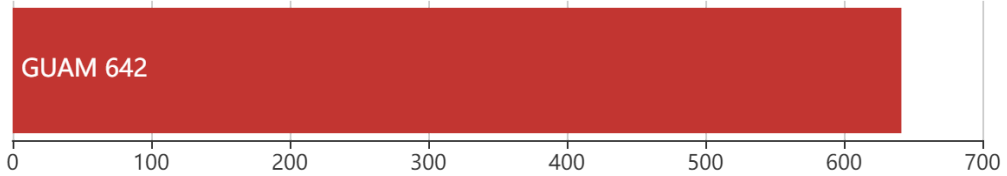
Est. Temp. Roofing

1.9K
units



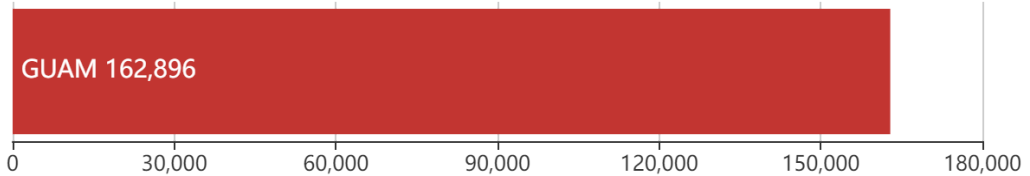
Act. Temp. Roofing

642
units



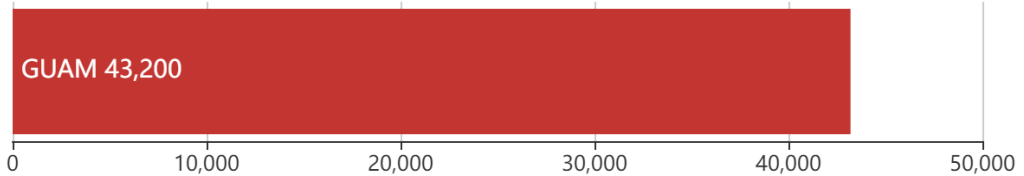
Population

162.9K
people



Households

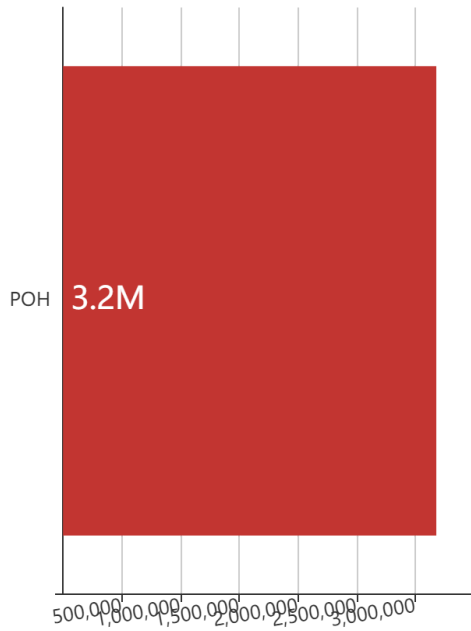
43.2K
households



Mission Model Summary

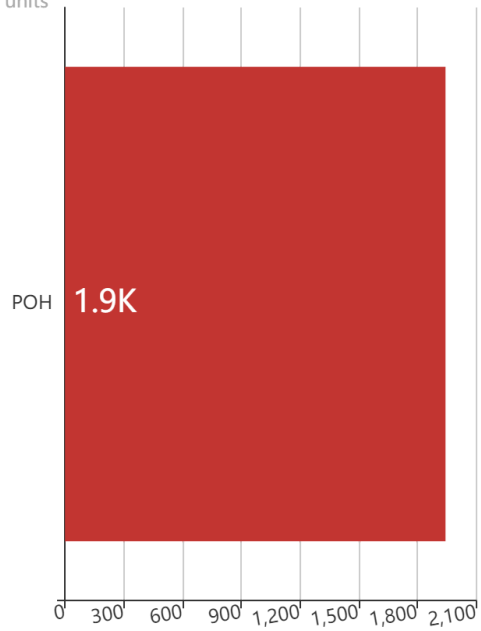
Debris By USACE District

cu. yd.

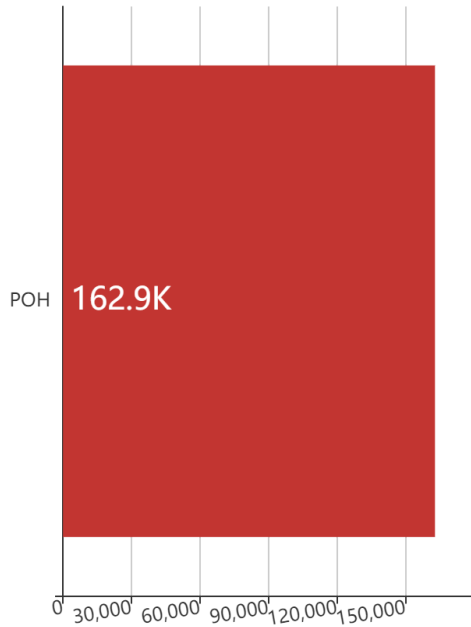


Est. Temp. Roofing By USACE District

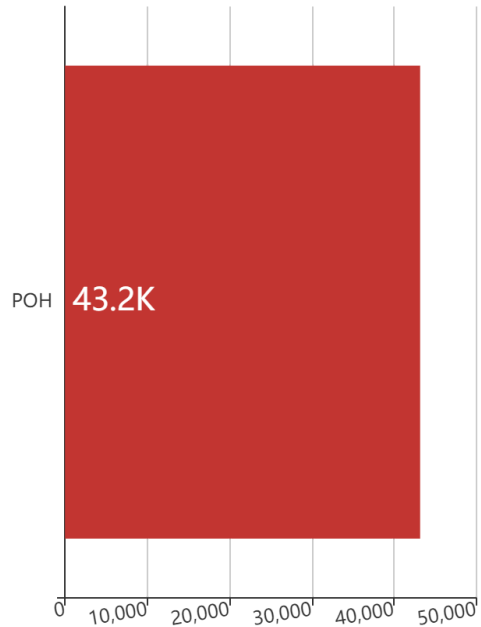
units



Population By USACE District



Households By USACE District



Critical Infrastructure Summary

Total

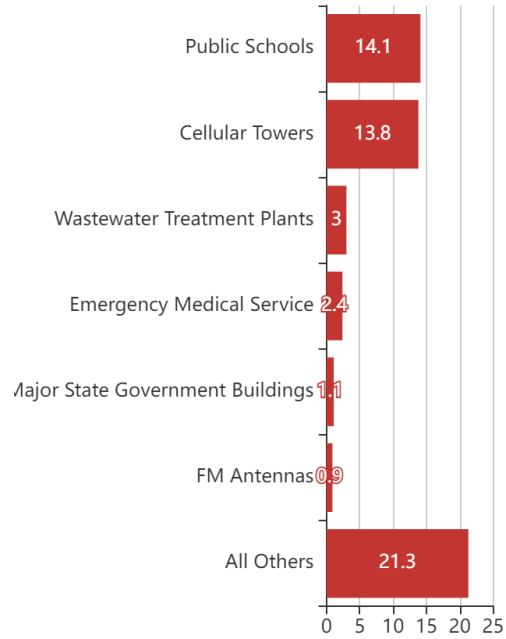


Power Requirements



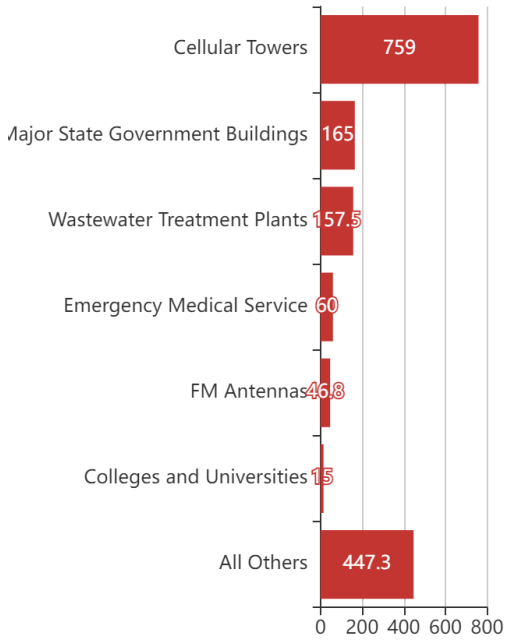
Generators

By Generator Count



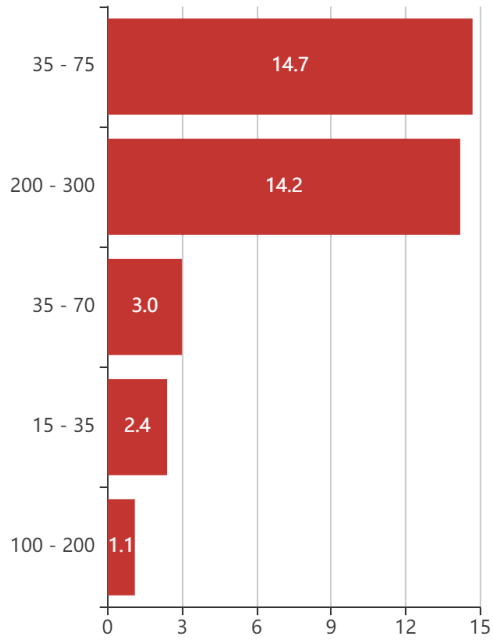
Generators

By Power Requirement



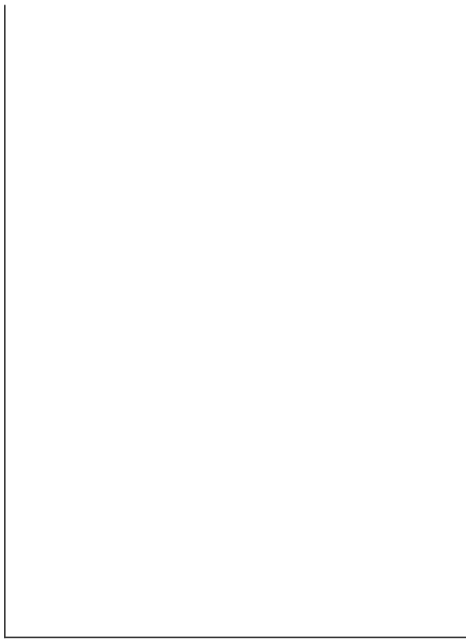
Generators

By Range



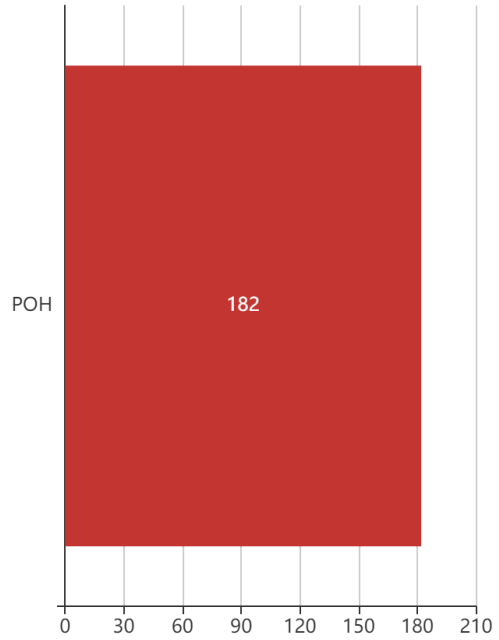
Structures

By County



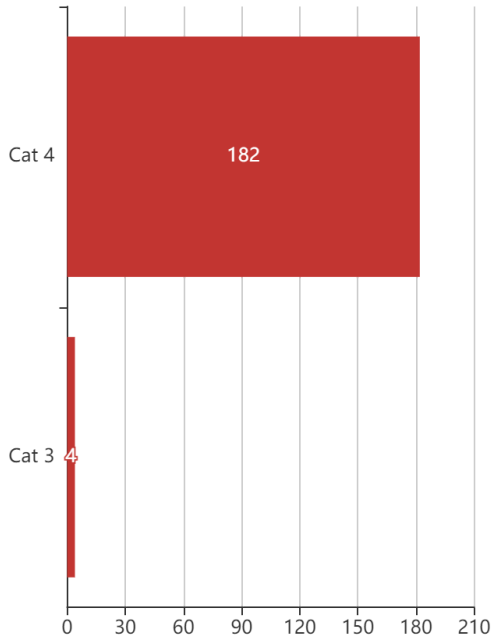
Structures

By USACE District

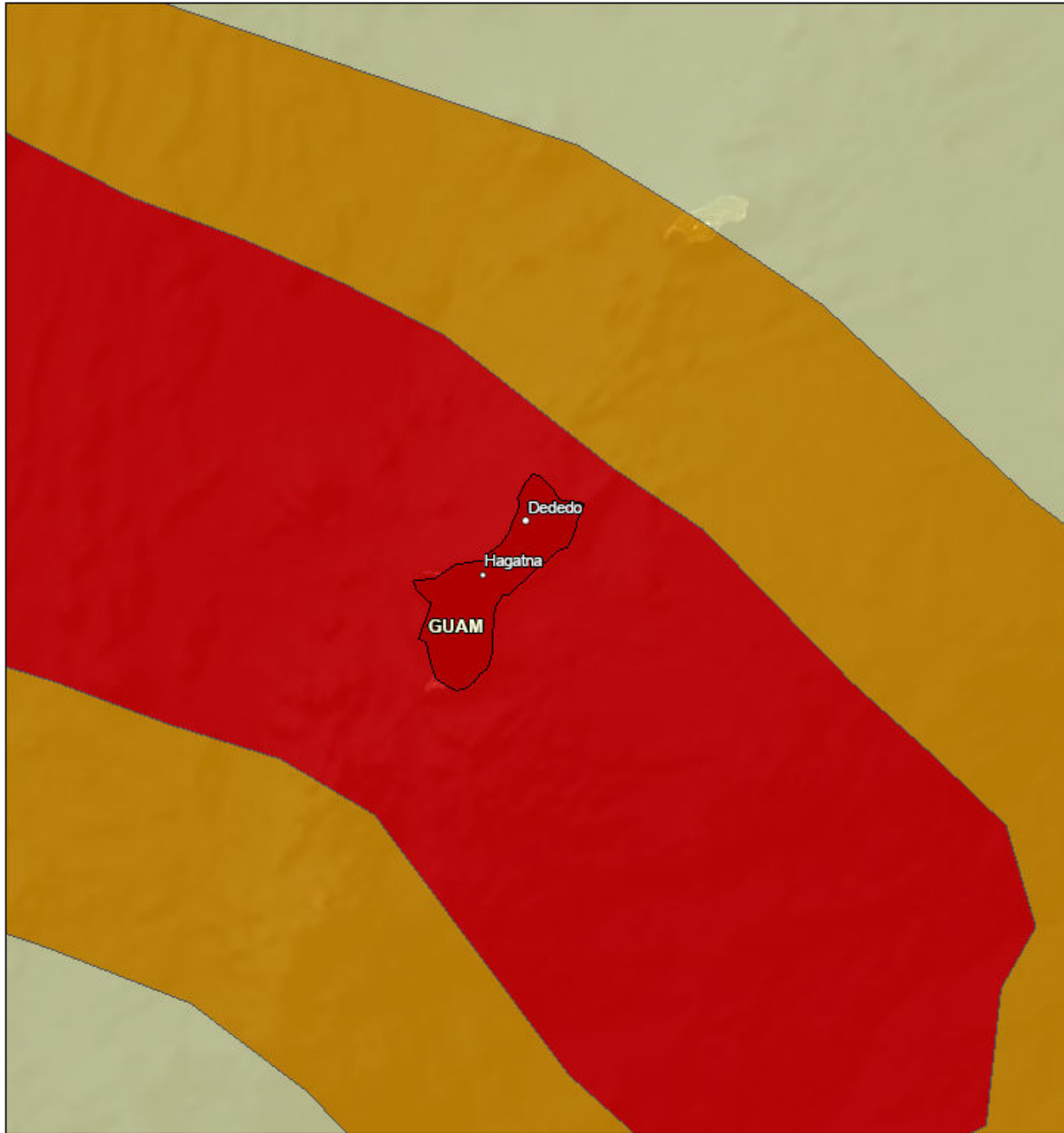


Structures

By Intensity

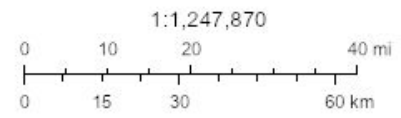


Letter ANSI A Portrait



Mission Model Swaths

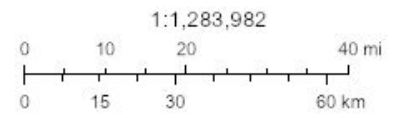
- TS
- Cat 3
- Cat 4



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, Esri, HERE, Garmin, FAO, NOAA, USGS

Created by SimSuite

Debris




Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

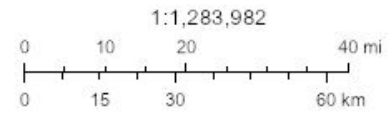
Created by SimSuite

Est. Temp. Roofing



Est. Temp. Roofing

 1000 - 4999 units



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

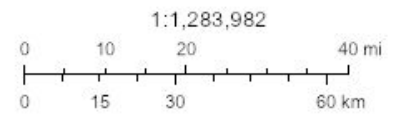
Created by SimSuite

Population



Population

100,000 - 174,999 persons




Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

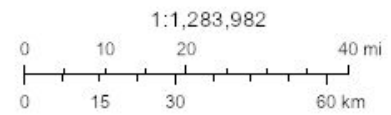
Created by SimSuite

Households



Households

-  < 7,500 Households
-  25,000 - 49,999 Households



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Created by SimSuite

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	1
Debris (cu. yd.)	3,178,656
Est. Temp. Roofing (units)	1,944
Act. Temp. Roofing (units)	642
Population	162,896
Households	43,200

Population Distribution	
Category 4	162,896

GUAM	Yds of Debris (3,178,656)	Est. Roof Units (1,944)	Act. Roof Units (642)	Population (162,896)	Households (43,200)
GUAM	3,178,656	1,944	642	162,896	43,200

Critical Infrastructure

Summary			
Total Critical Facilities		186	
Power Requirements (kW)		4,728.3	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
Cellular Towers (23)	13.8	35 - 75	759.0
FM Antennas (17)	0.9	35 - 75	46.8
Education	# FED Gen Req	Range (kW)	Req kW
Private Schools (0)	0.0	200 - 300	0.0
Public Schools (47)	14.1	200 - 300	3,525.0
Colleges and Universities (3)	0.1	200 - 300	15.0
Emergency Services	# FED Gen Req	Range (kW)	Req kW
911 Call Centers (0)	0.0	15 - 35	0.0
Emergency Medical Service (24)	2.4	15 - 35	60.0
Fire Stations (0)	0.0	15 - 35	0.0
Healthcare	# FED Gen Req	Range (kW)	Req kW
Nursing Homes (0)	0.0	35 - 100	0.0
Urgent Care Facilities (0)	0.0	200 - 300	0.0
Law Enforcement	# FED Gen Req	Range (kW)	Req kW
Local Police (0)	0.0	15 - 35	0.0
Correctional Facilities (0)	0.0	400 - 600	0.0
State and Local EOCs	# FED Gen Req	Range (kW)	Req kW
Local Emergency Operations Centers (0)	0.0	15 - 40	0.0
State Facilities	# FED Gen Req	Range (kW)	Req kW
Governors Mansions (1)	0.0	100 - 200	0.0
Major State Government Buildings (11)	1.1	100 - 200	165.0
Transportation	# FED Gen Req	Range (kW)	Req kW
Amtrack 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