



US Army Corps
of Engineers®
BUILDING STRONG®

Typhoon Mawar (Advisory #15)

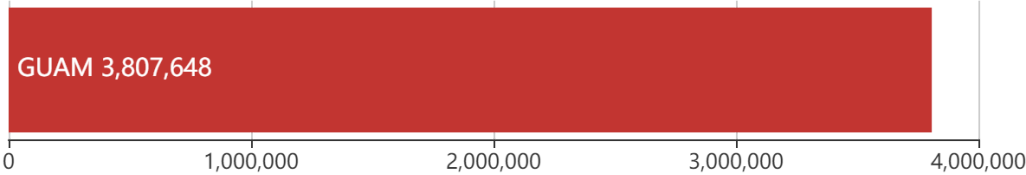
For Planning Purposes Only!

WASHINGTON, DC	CHICAGO	LOS ANGELES
12:18:42	11:18:42	09:18:42
23 May 2023	23 May 2023	23 May 2023

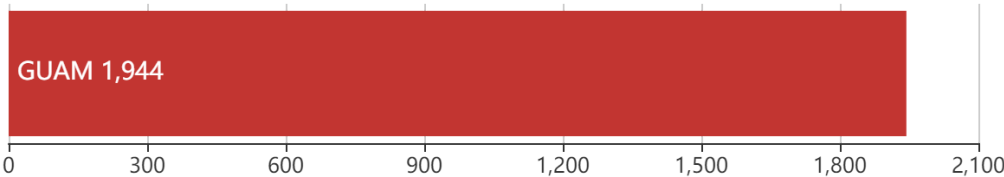
<https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html#>

Updated as of 23 May 2023 (11:18 AM Central Daylight Time)

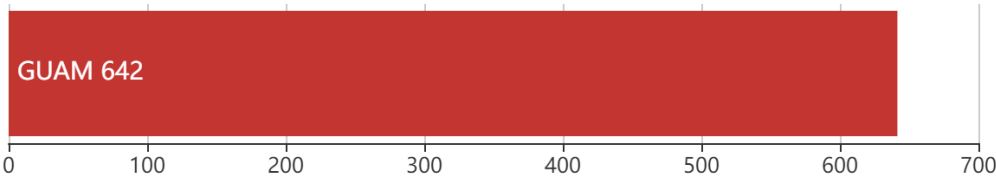
Debris



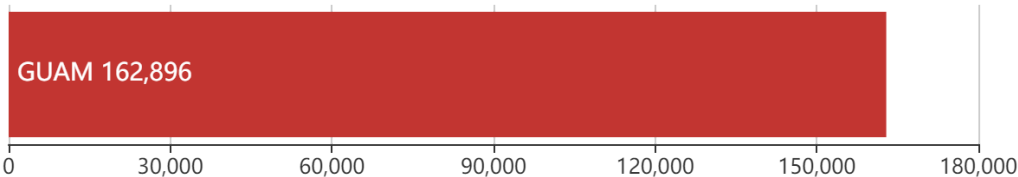
Est. Temp. Roofing



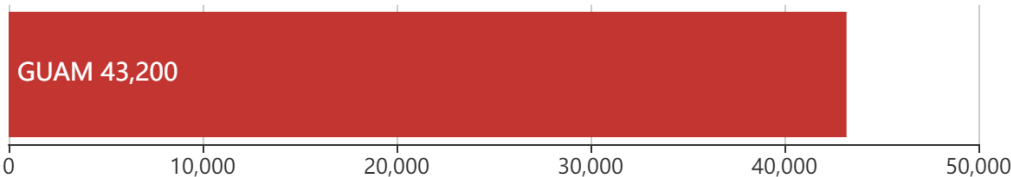
Act. Temp. Roofing



Population



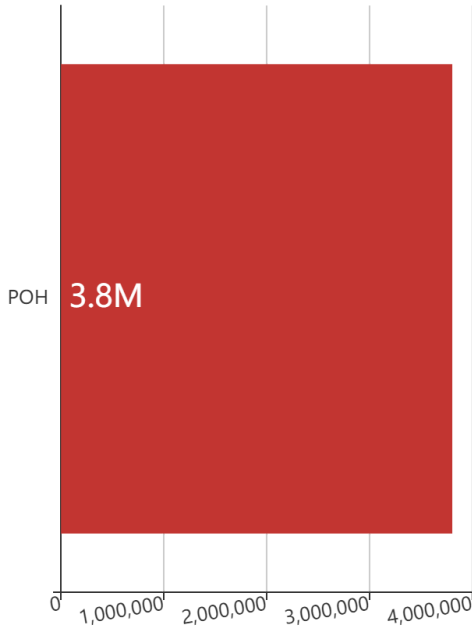
Households



Mission Model Summary

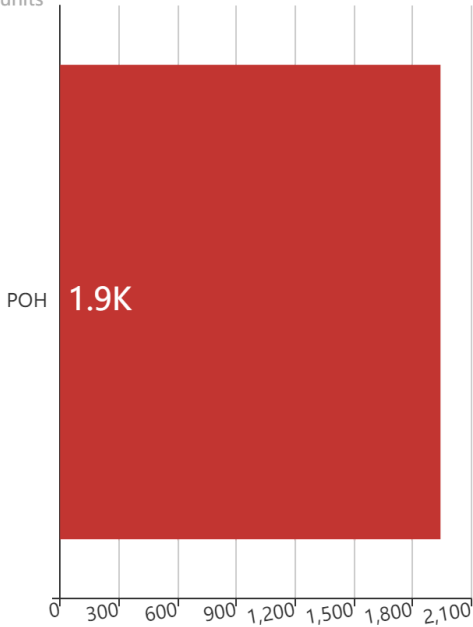
Debris By USACE District

cu. yd.

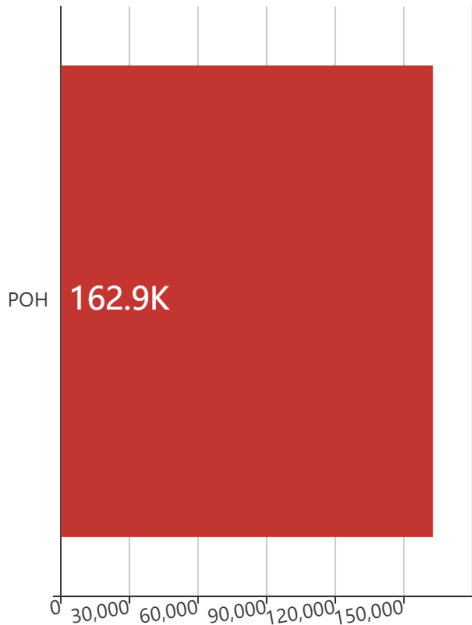


Est. Temp. Roofing By USACE District

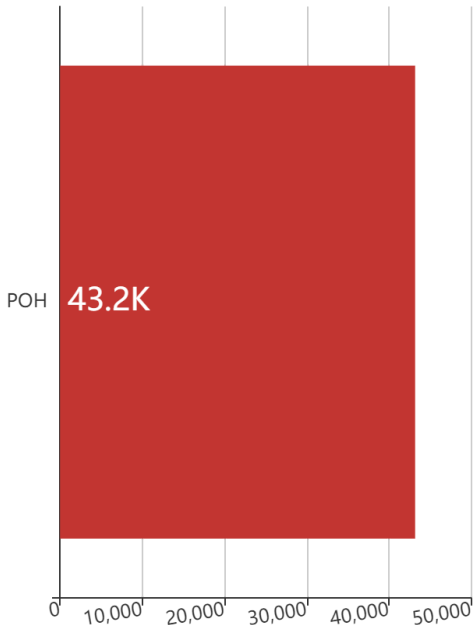
units



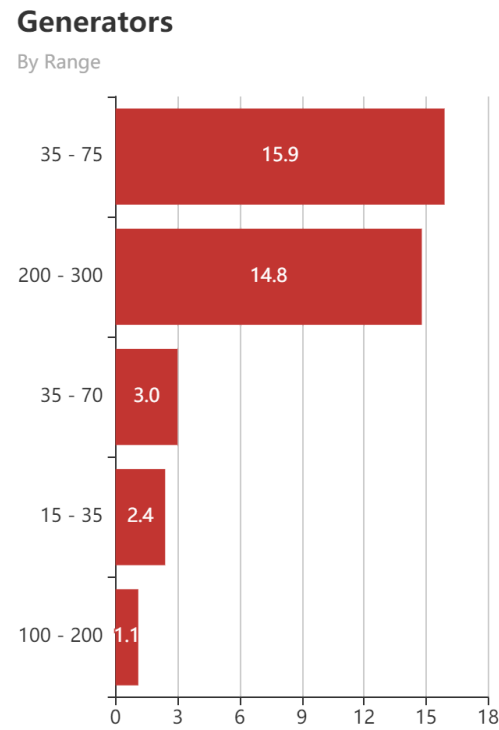
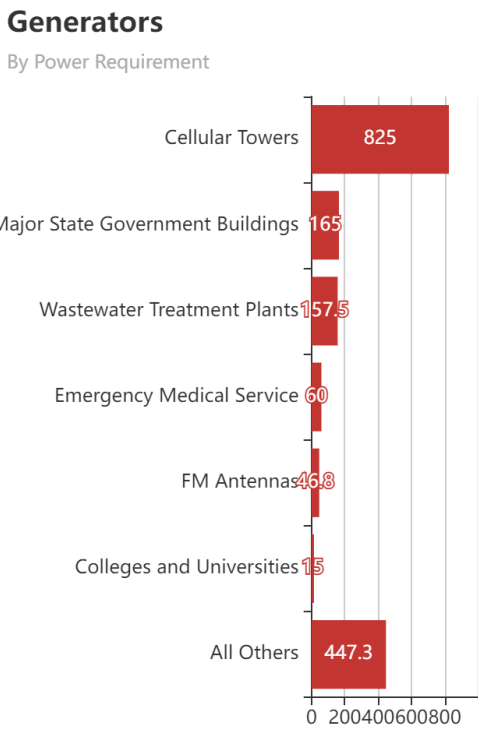
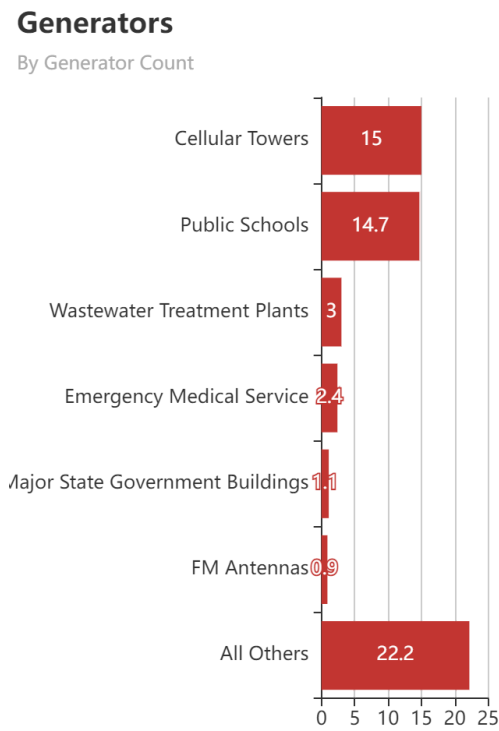
Population By USACE District



Households By USACE District

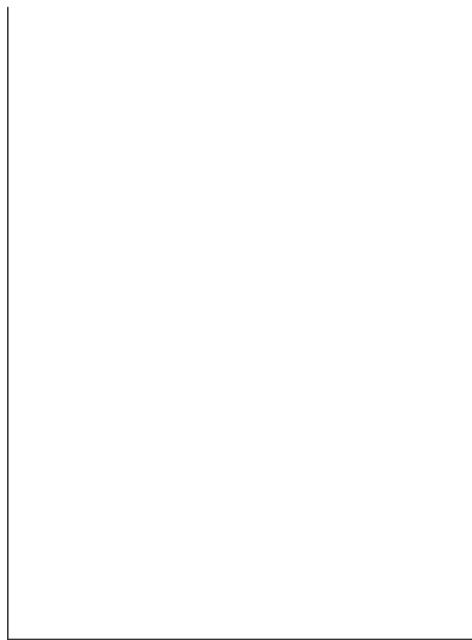


Critical Infrastructure Summary



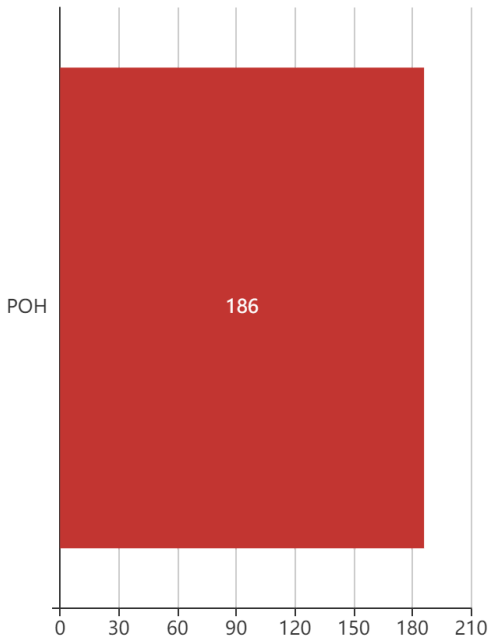
Structures

By County



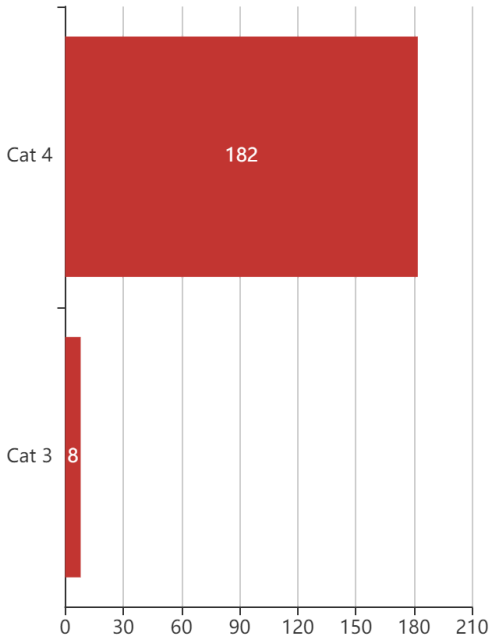
Structures

By USACE District



Structures

By Intensity



Letter ANSI A Portrait



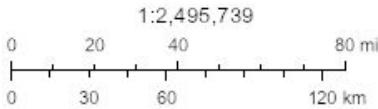
Mission Summaries

100,000 - 174,999 persons

Mission Model Swaths

TS

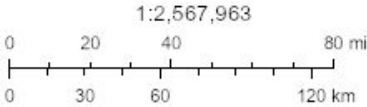
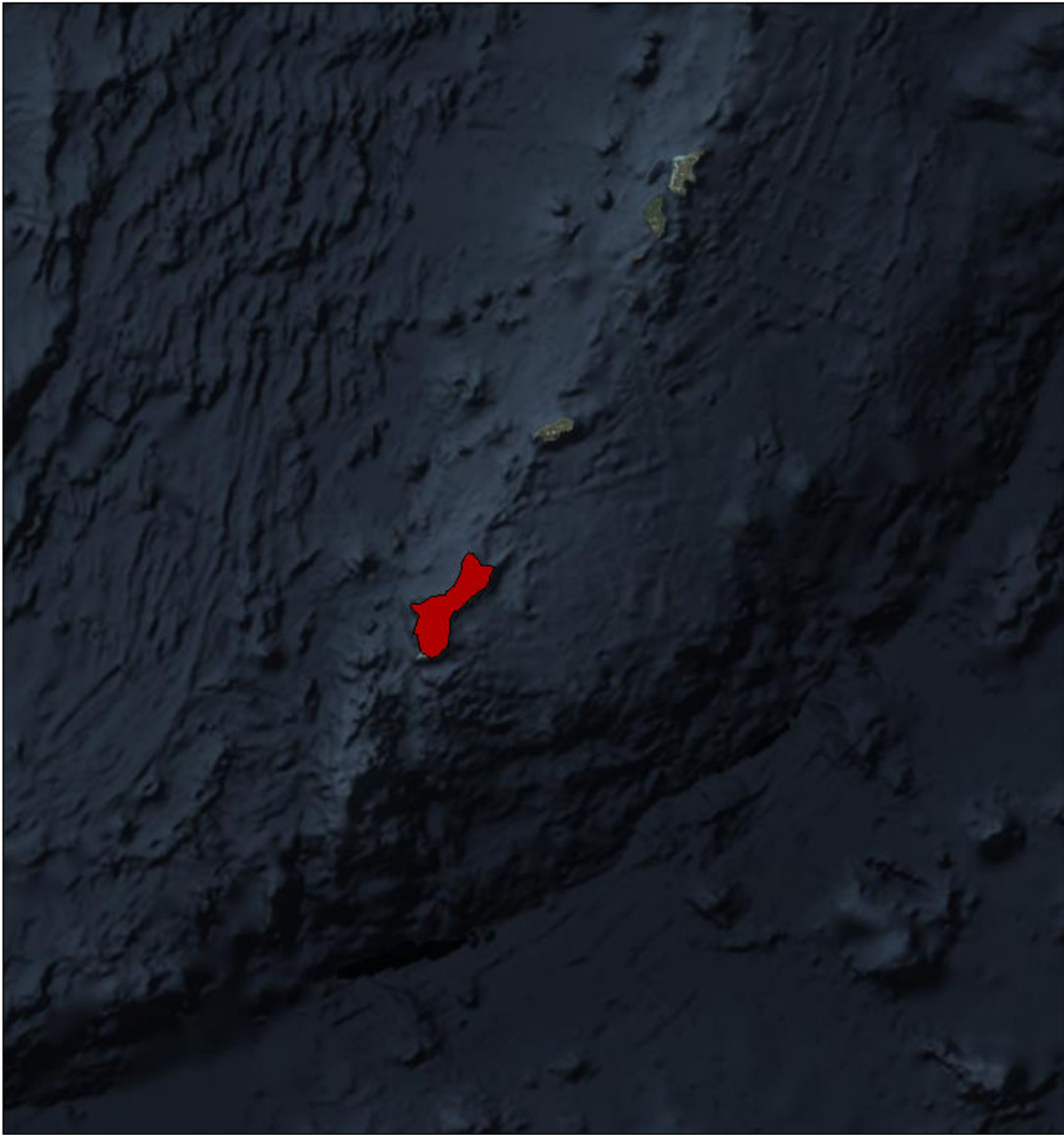
Cat 3
Cat 4



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

Created by SimSuite

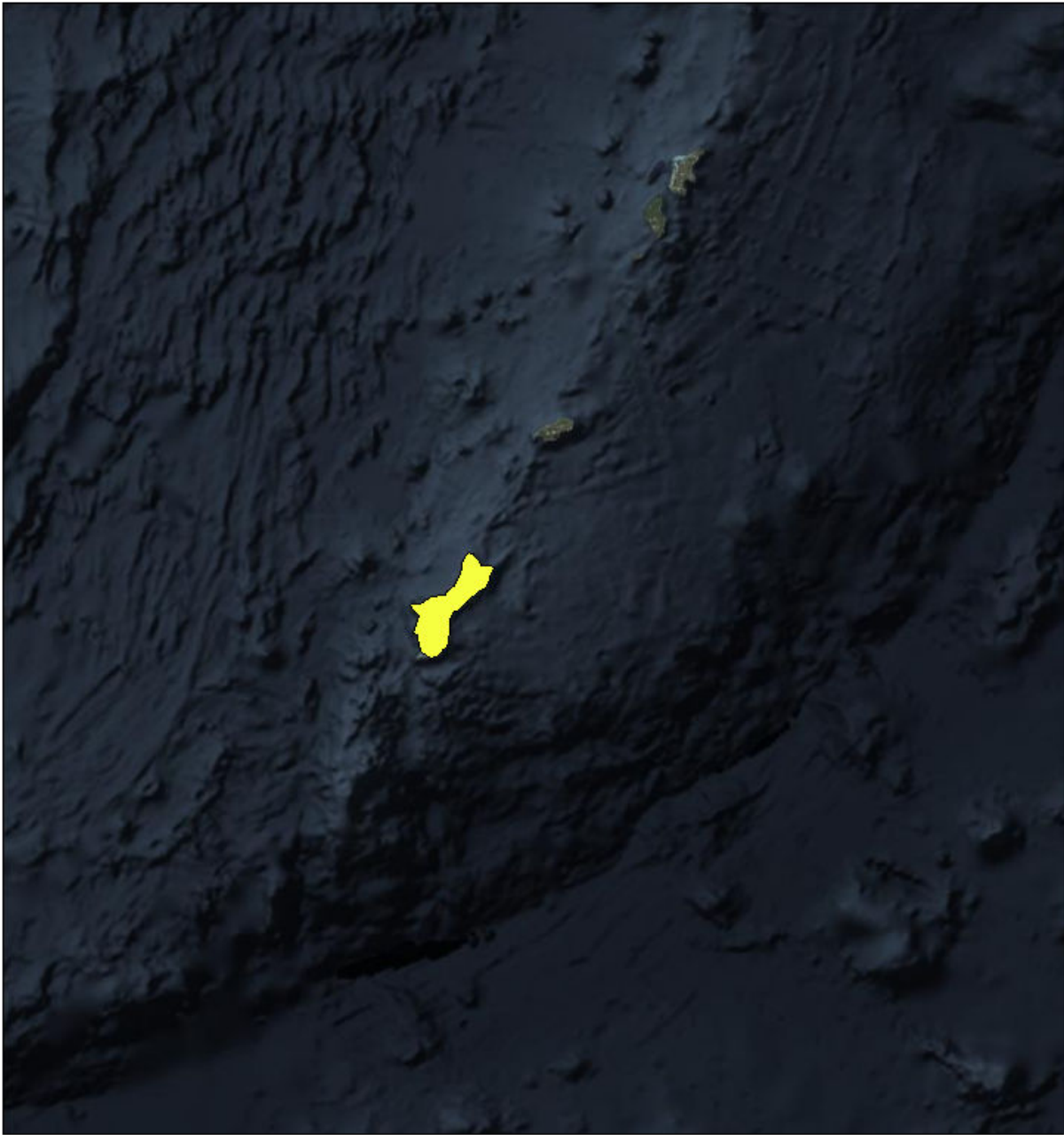
Debris



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

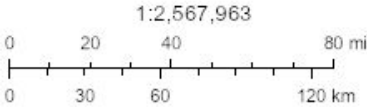
Created by SimSuite

Est. Temp. Roofing



Est. Temp. Roofing

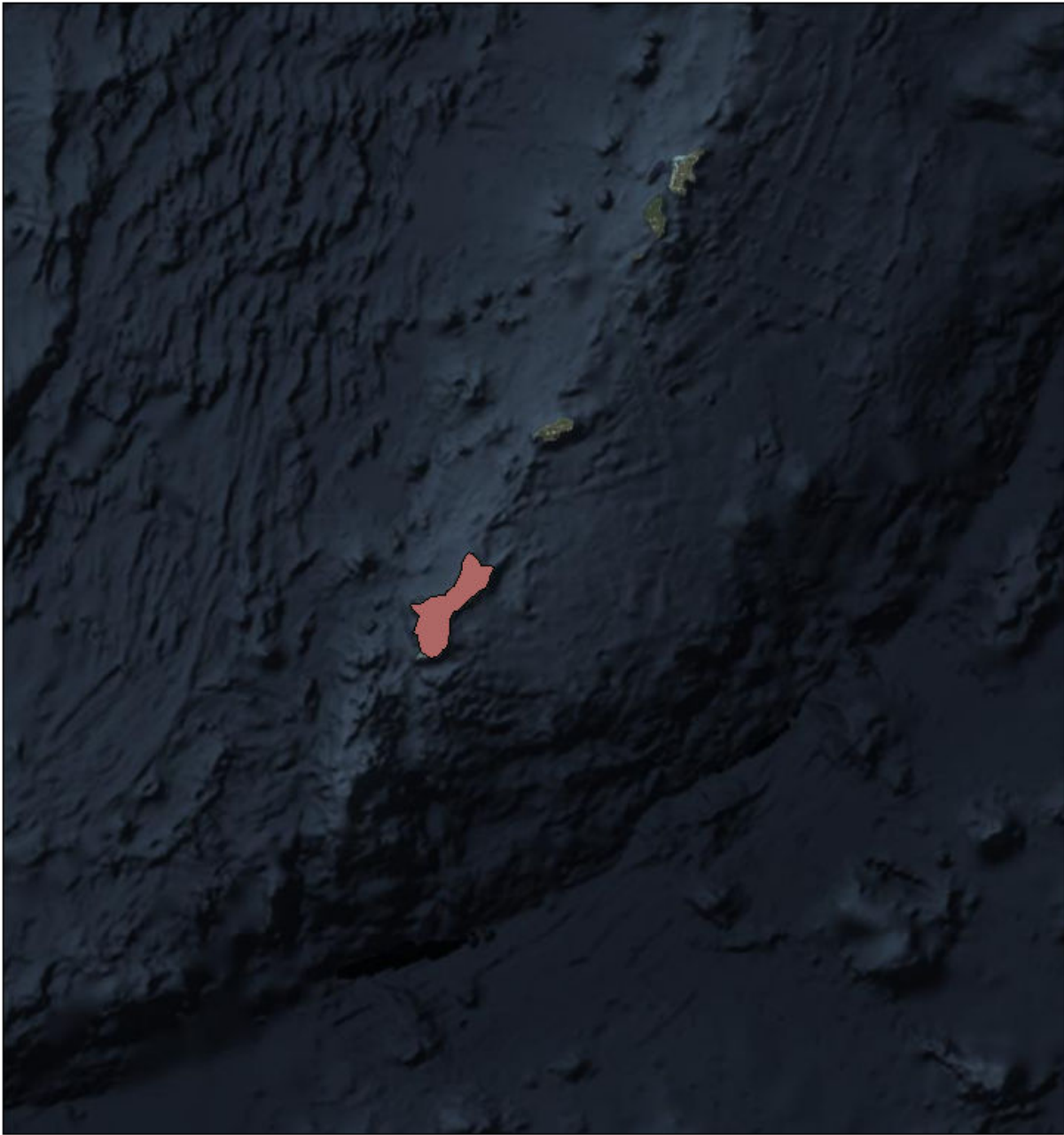
1000 - 4999 units



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

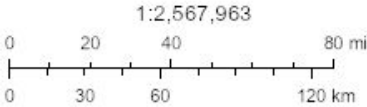
Created by SimSuite

Population



Population

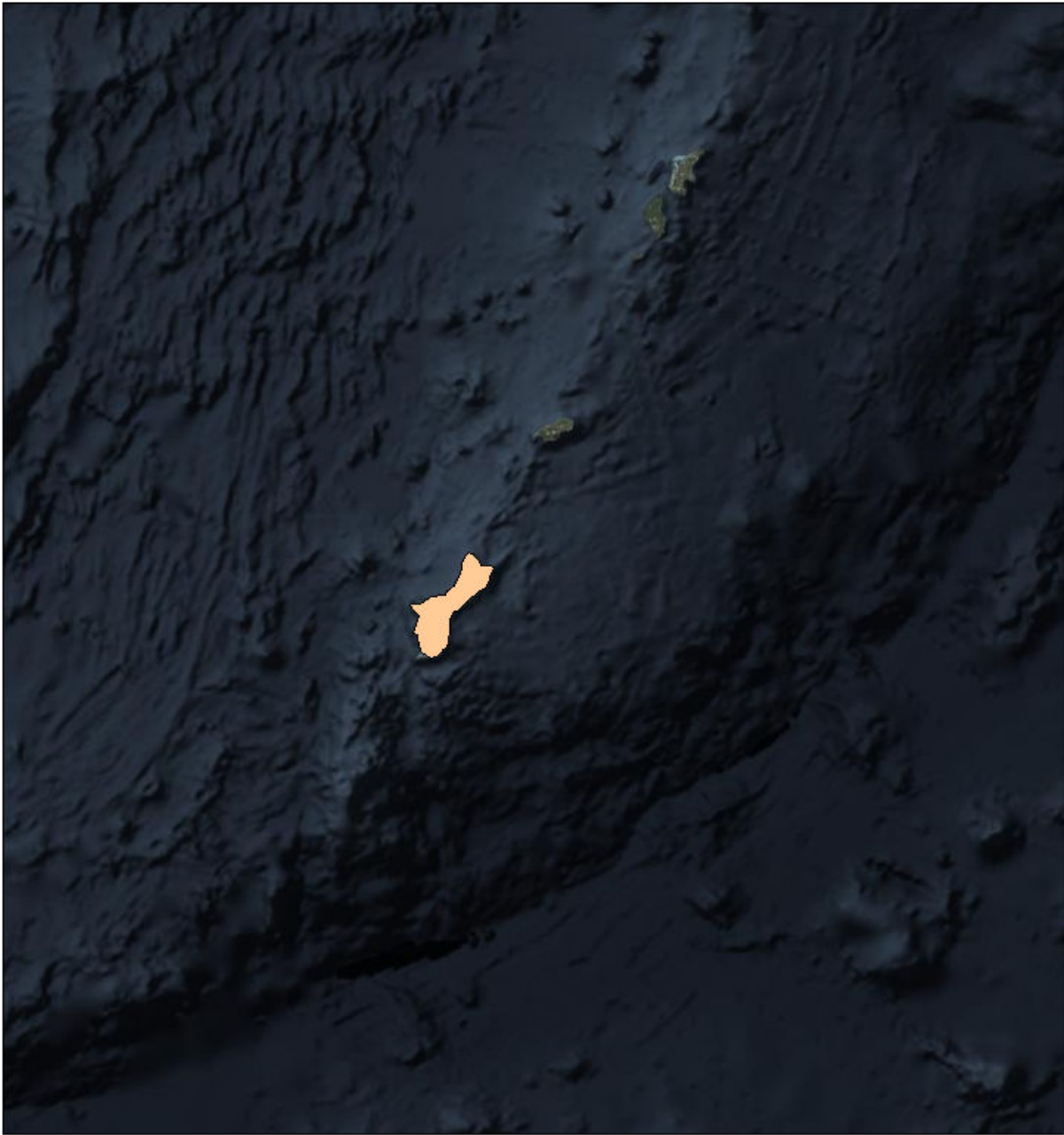
100,000 - 174,999 persons



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

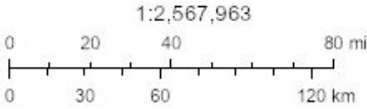
Created by SimSuite

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.)	3,807,648
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 (3,807,648)	Est. Roof Units (1,944)	Act. Roof Units (642)	Population (162,896)	Households (43,200)
GUAM	3,807,648	1,944	642	162,896	43,200

Critical Infrastructure

Summary			
Total Critical Facilities		190	
Power Requirements (kW)		4,944.3	
Range (kW)			
Communications	# FED Gen Req	Range (kW)	Req kW
Cellular Towers (25)	15.0	35 - 75	825.0
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 (49)	14.7	200 - 300	3,675.0
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

Water and Wastewater	# FED Gen Req	Range (kW)	Req kW
Wastewater Treatment Plants (60)	3.0	35 - 70	157.5

Poverty Level

#	County	Cat	Pop. below Federal poverty line	% Population
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Social Vulnerability Index



Possible scores range from **0** (lowest vulnerability) to **1** (highest vulnerability).

#	Location	Cat	Overall SVI Score
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Report Generated by SimSuite
<https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html#>