



US Army Corps of Engineers  
BUILDING STRONG®

# Typhoon Mawar (Advisory #18/Landfall)

For Planning Purposes Only!

WASHINGTON, DC  
07:19:20  
24 May 2023

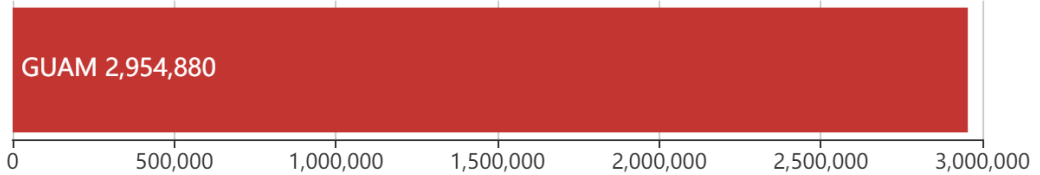
CHICAGO  
06:19:20  
24 May 2023

LOS ANGELES  
04:19:20  
24 May 2023

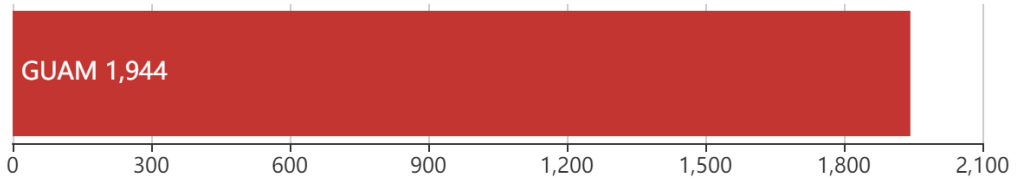
[https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html#advid=303&oid=91&name=Typhoon%20MAWAR&advisory=Adv.%20%2318%20\(Landfall\)&advf=H](https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html#advid=303&oid=91&name=Typhoon%20MAWAR&advisory=Adv.%20%2318%20(Landfall)&advf=H)

Updated as of 24 May 2023 (6:19 AM Central Daylight Time)

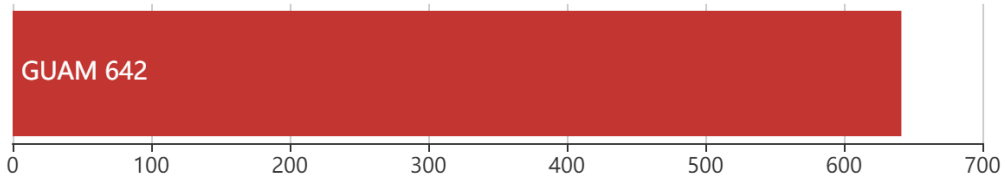
## Debris



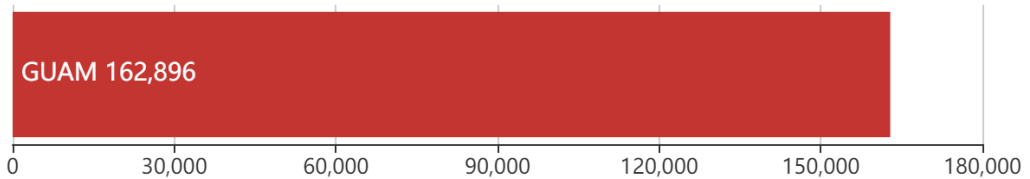
## Est. Temp. Roofing



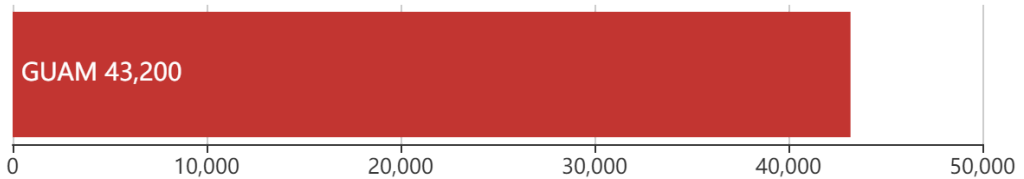
## Act. Temp. Roofing



## Population



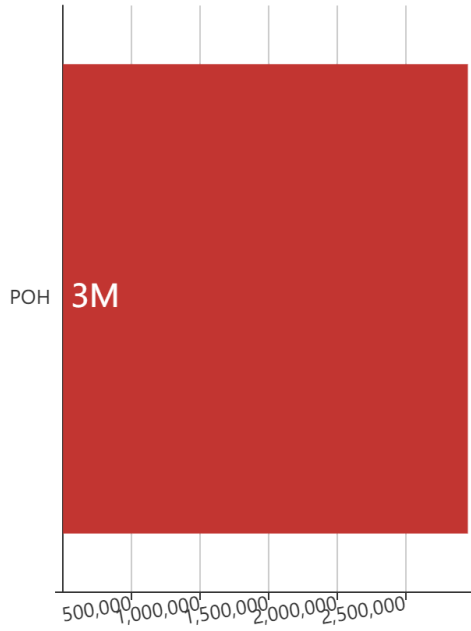
## Households



## Mission Model Summary

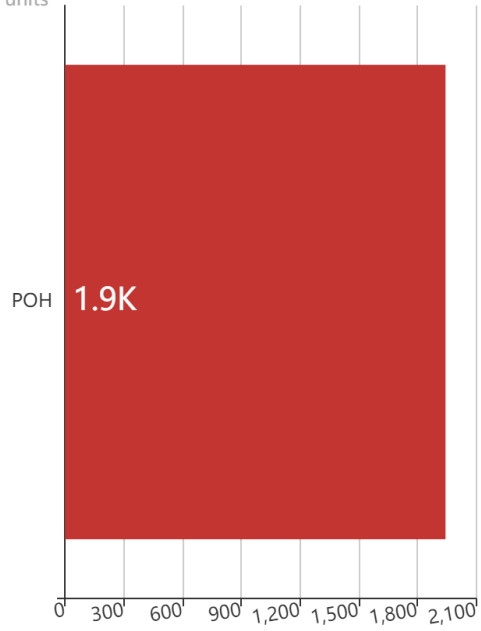
### Debris By USACE District

cu. yd.

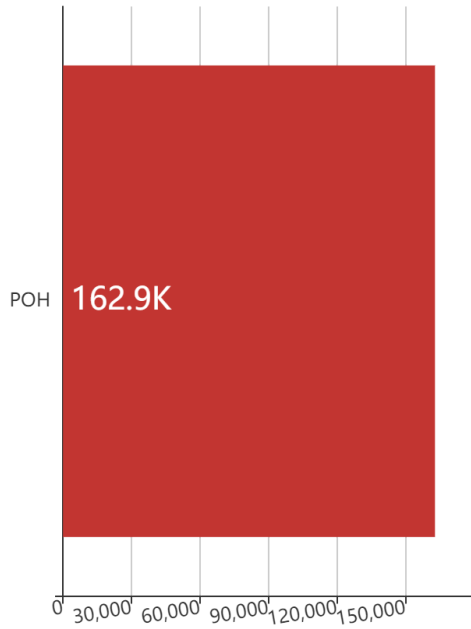


### Est. Temp. Roofing By USACE District

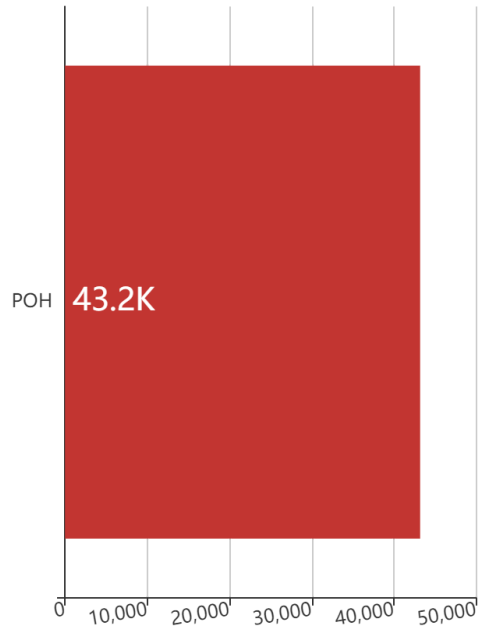
units



### Population By USACE District



### Households By USACE District



# Critical Infrastructure Summary

## Total

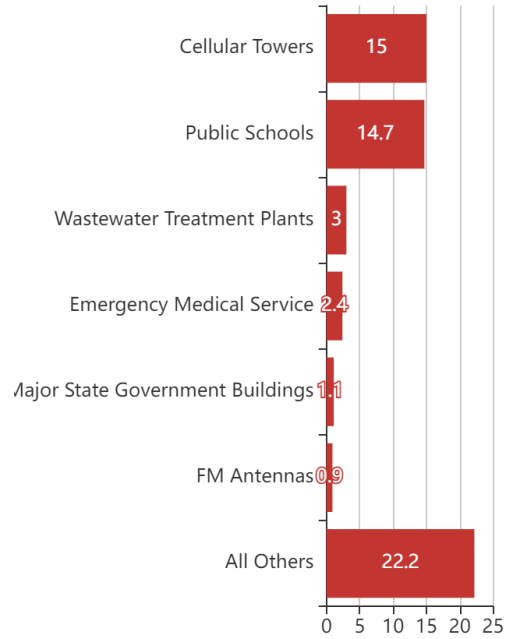


## Power Requirements



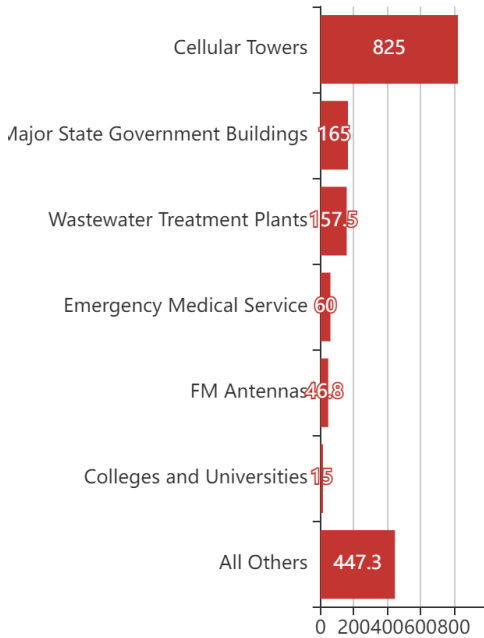
## Generators

By Generator Count



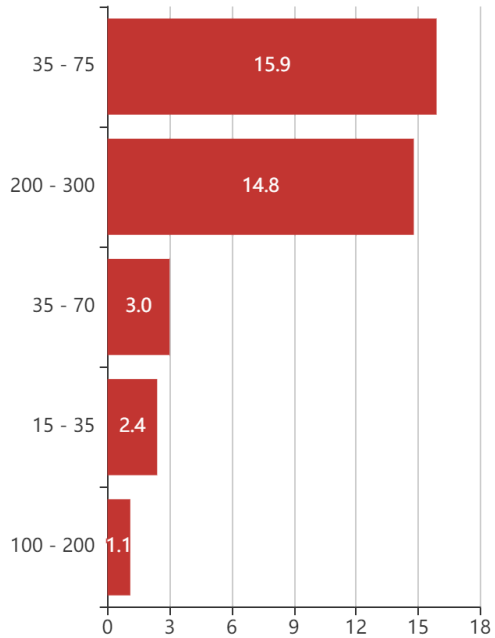
## Generators

By Power Requirement



## Generators

By Range



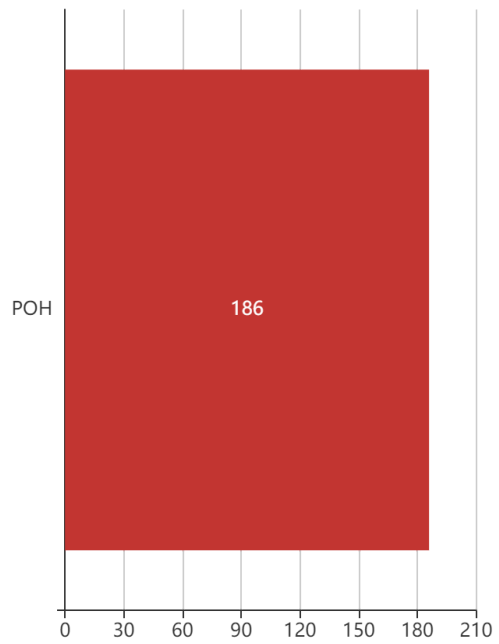
### Structures

By County



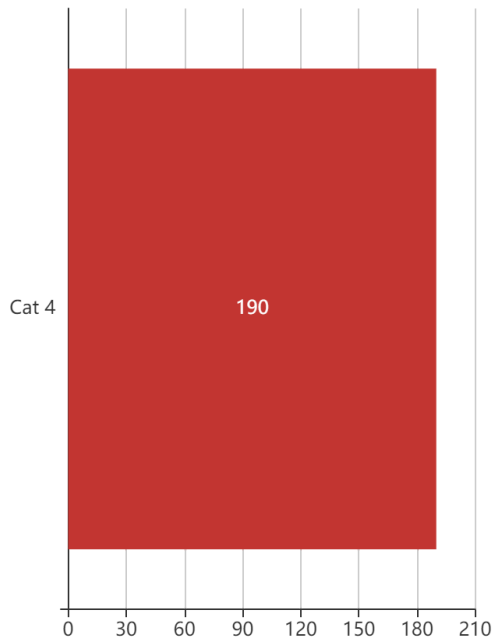
### Structures

By USACE District

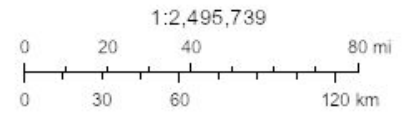
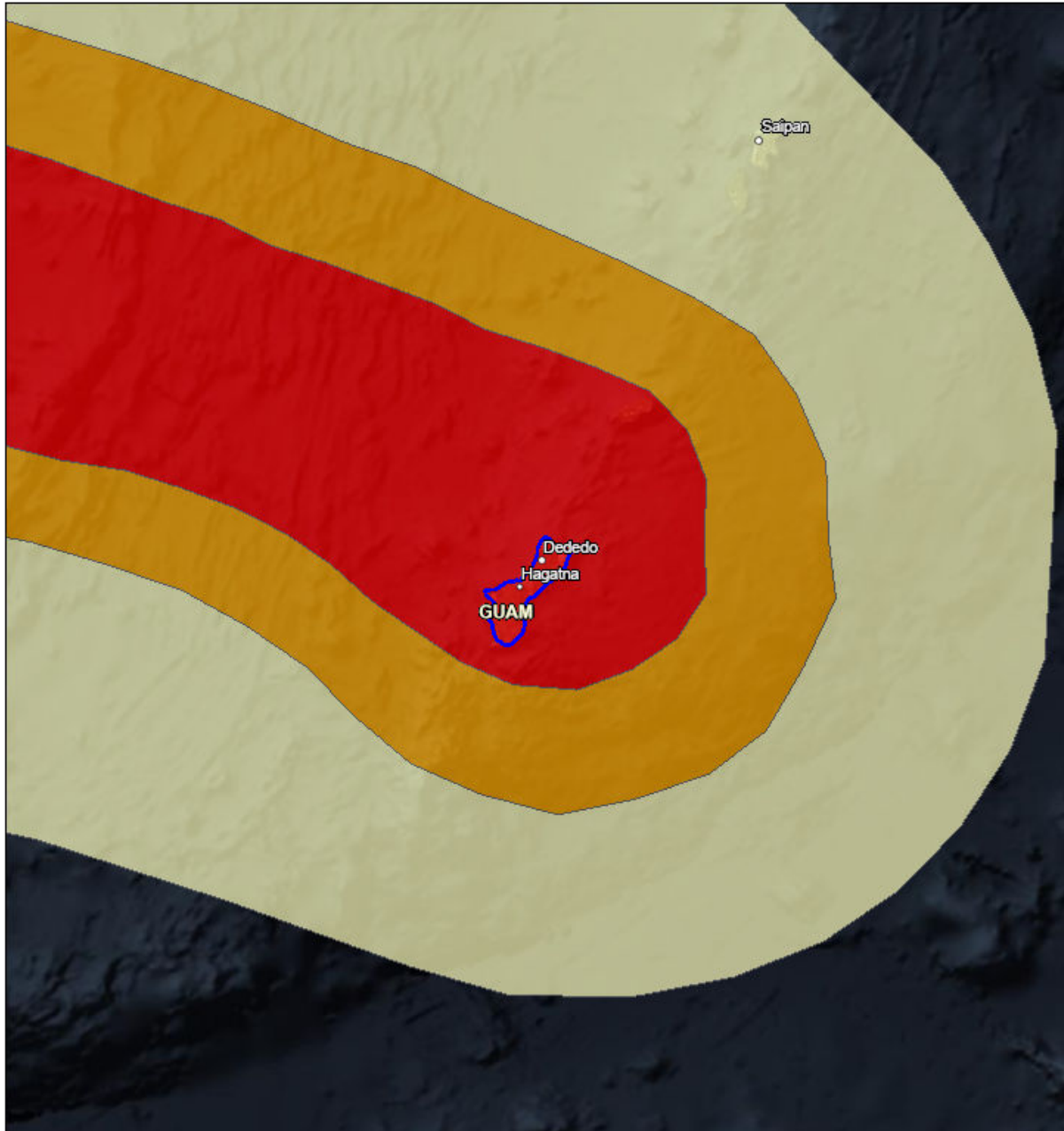


### Structures

By Intensity



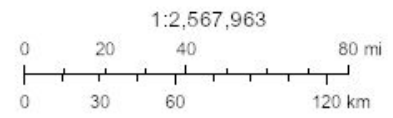
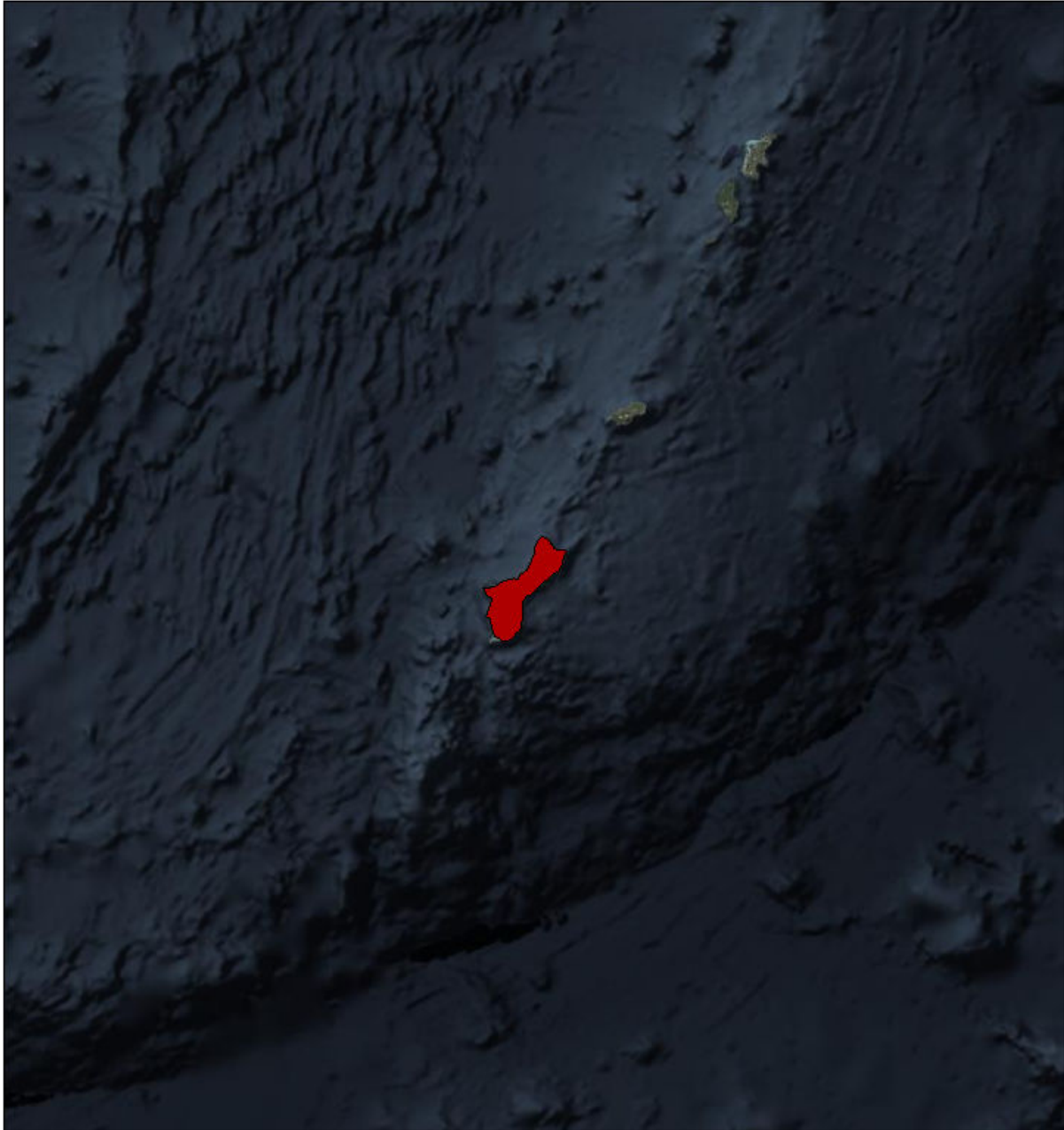
# Letter ANSI A Portrait



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

Created by SimSuite

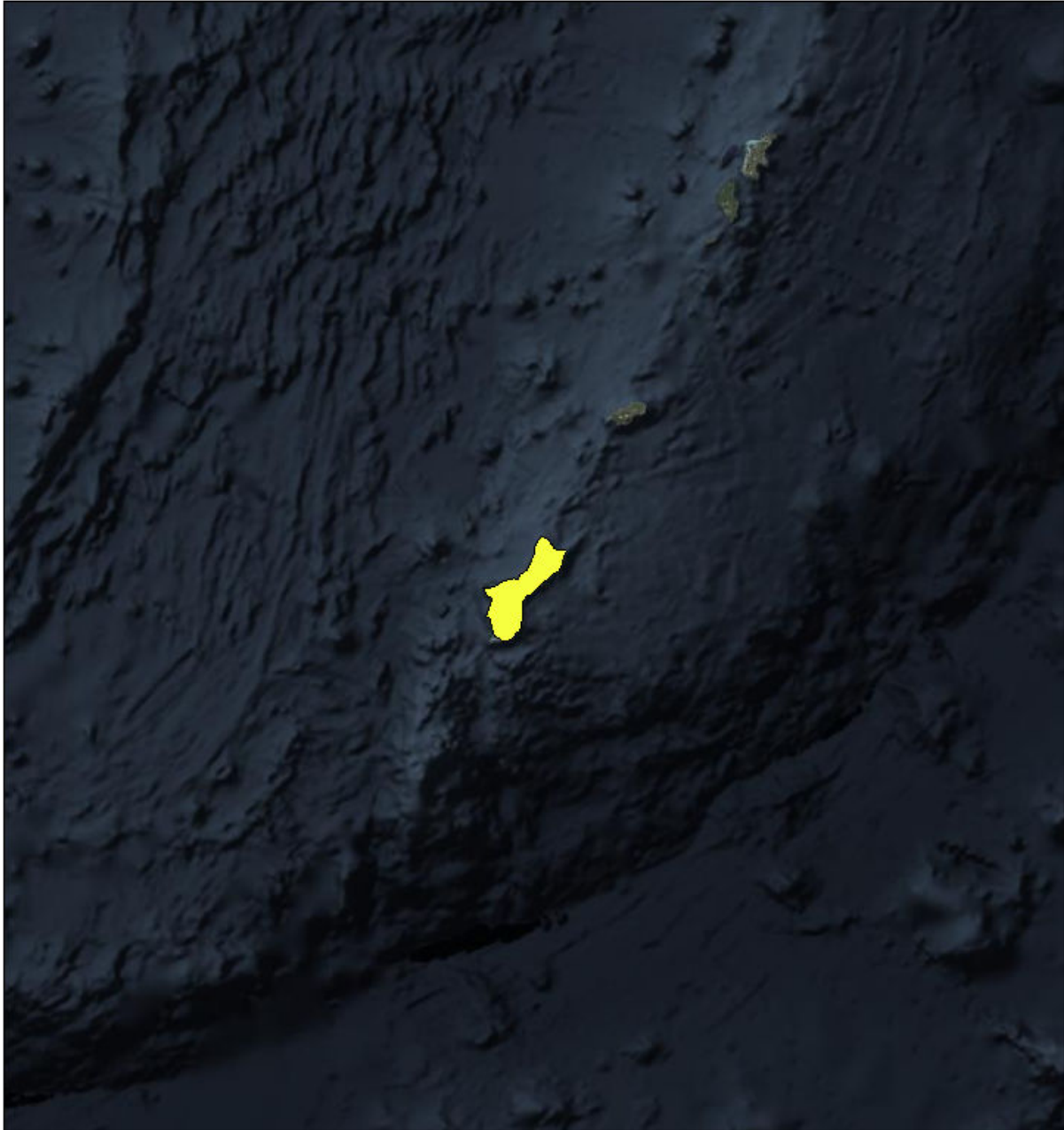
# Debris




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

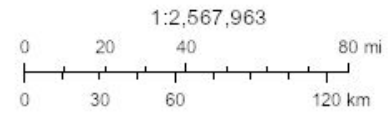
Created by SimSuite

# Est. Temp. Roofing



Est. Temp. Roofing

 1000 - 4999 units

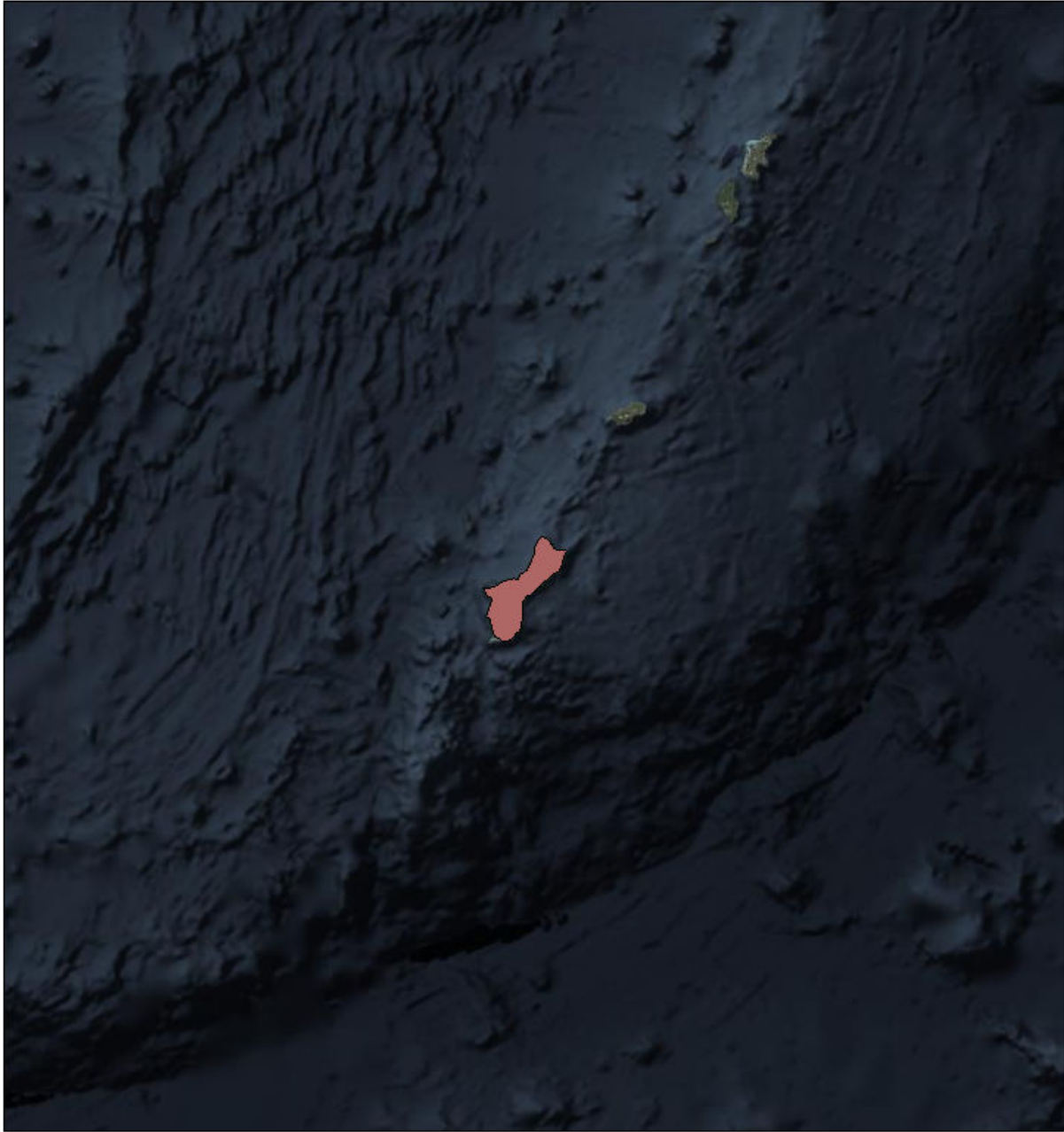


Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Created by SimSuite

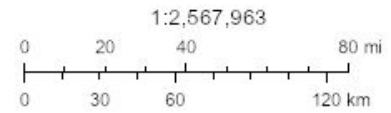


# Population



Population

100,000 - 174,999 persons

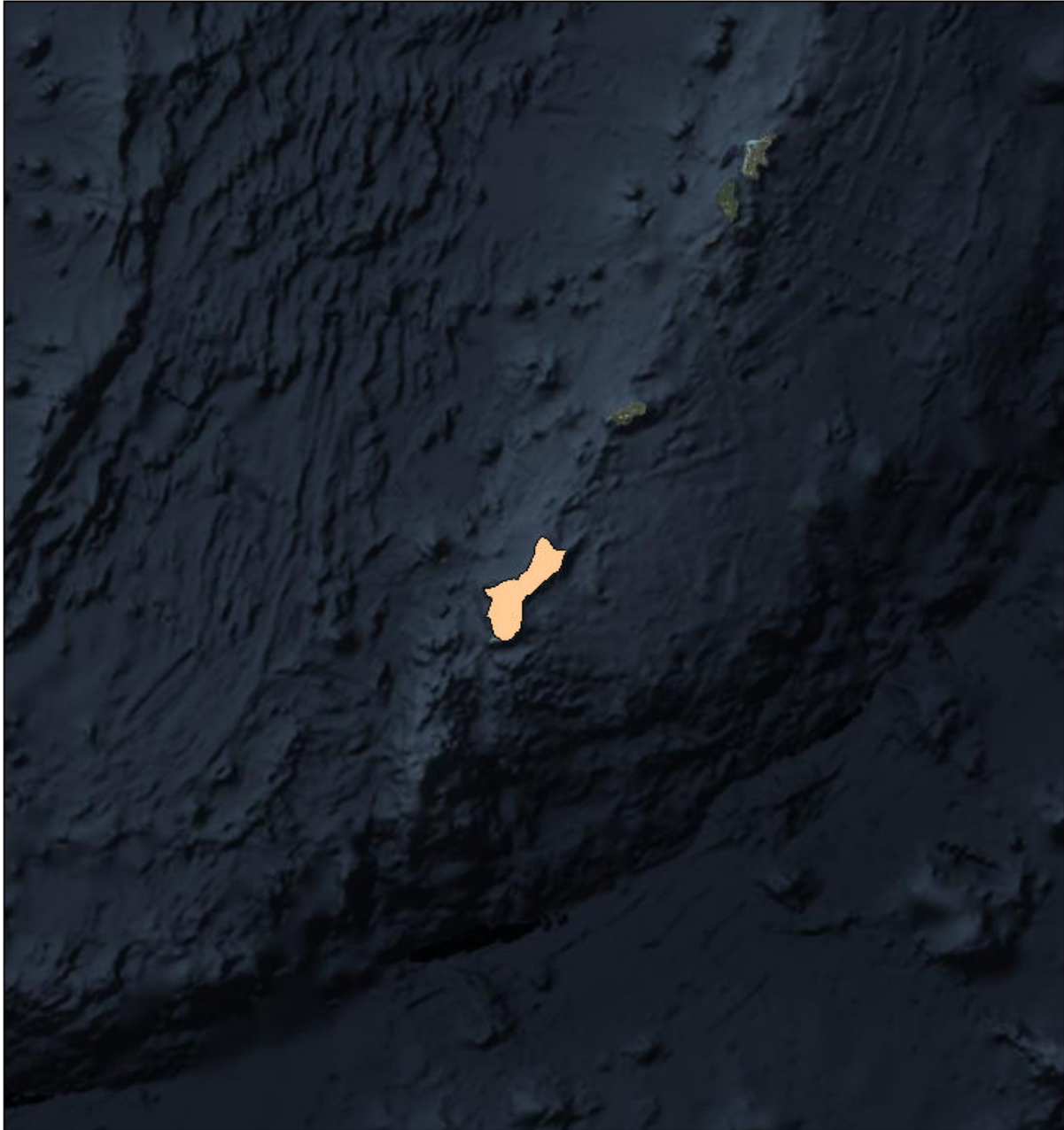


Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Created by SimSuite

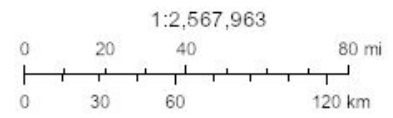


# Households



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.)	2,954,880
Est. Temp. Roofing (units)	1,944
Act. Temp. Roofing (units)	642
Population	162,896
Households	43,200

Population Distribution	
Category 4	162,896

<b>GUAM</b>	<b>Yds of Debris (2,954,880)</b>	<b>Est. Roof Units (1,944)</b>	<b>Act. Roof Units (642)</b>	<b>Population (162,896)</b>	<b>Households (43,200)</b>
GUAM	2,954,880	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

<b>Water and Wastewater</b>	<b># FED Gen Req</b>	<b>Range (kW)</b>	<b>Req kW</b>
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#advid=303&oid=91&name=Typhoon%20MAWAR&advisory=Adv.%20%2318%20\(Landfall\)&advf=H](https://simsuite.usace.army.mil/wab/v2.15/MissionModels/index.html#advid=303&oid=91&name=Typhoon%20MAWAR&advisory=Adv.%20%2318%20(Landfall)&advf=H)