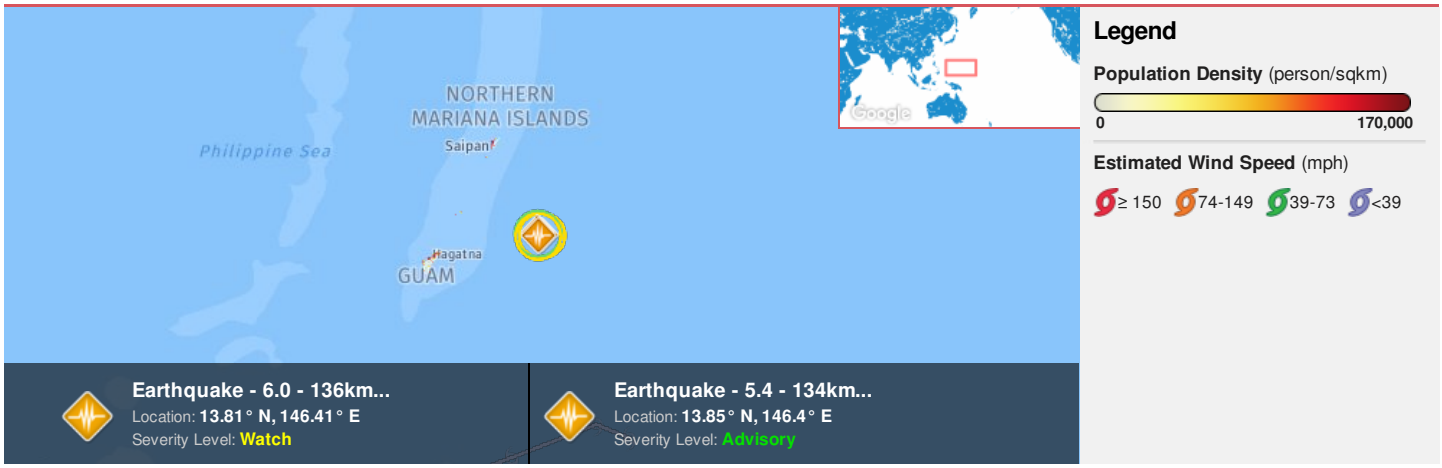
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 16:17:50 12 Feb 2018	WASH.D.C. 21:17:50 12 Feb 2018	ZULU 02:17:50 13 Feb 2018	NAIROBI 05:17:50 13 Feb 2018	BANGKOK 09:17:50 13 Feb 2018	GUAM 12:17:50 13 Feb 2018

Region Selected » Lower Left Latitude/Longitude: 10.8221 N˚ , 143.4707 E˚
Upper Right Latitude/Longitude: 16.8221 N˚ , 149.4707 E˚



Situational Awareness

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Recent Earthquakes

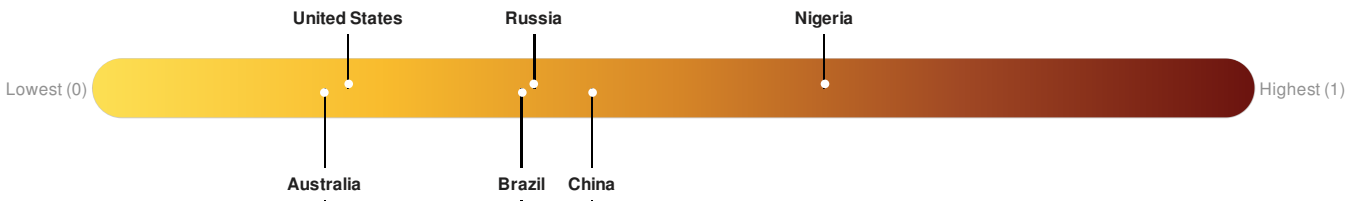
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		13-Feb-2018 02:13:59	5.7	10	141km ESE of Rota, Northern Mariana Islands	13.82° N / 146.47° E
		13-Feb-2018 01:21:47	5.4	11.59	134km ESE of Rota, Northern Mariana Islands	13.85° N / 146.4° E
		11-Feb-2018 23:23:52	6	10	136km ESE of Rota, Northern Mariana Islands	13.81° N / 146.41° E

Source: PDC

Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

There was insufficient data to determine the Lack of Resilience Index score for **Guam**. There was insufficient data to determine the Lack of Resilience Index score for **Northern Mariana Is.**.



Source: PDC

Regional Overview

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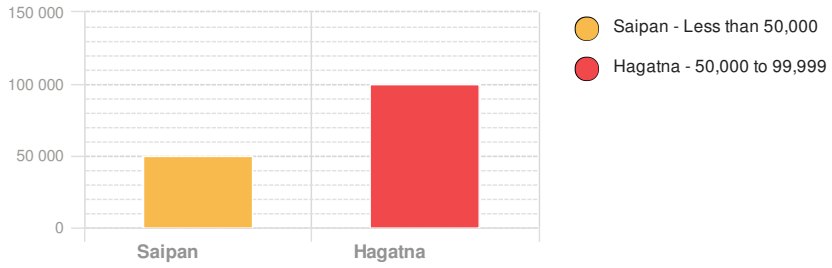
Population Data:

2011

Total: 258, 423
Max Density: 15, 824(ppl/km^2)

Populated Areas:



Source: iSciences

Risk & Vulnerability

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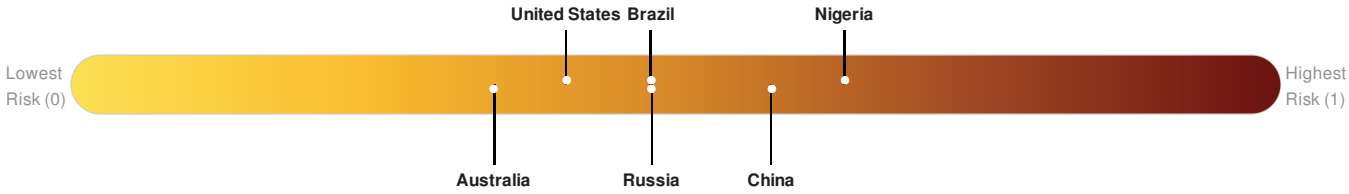
Multi Hazard Risk Index:

The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

There was insufficient data to determine the Multi Hazard Risk Index score for **Northern Mariana Is.**.

There was insufficient data to determine the Multi Hazard Risk Index score for **Guam**.



Source: PDC

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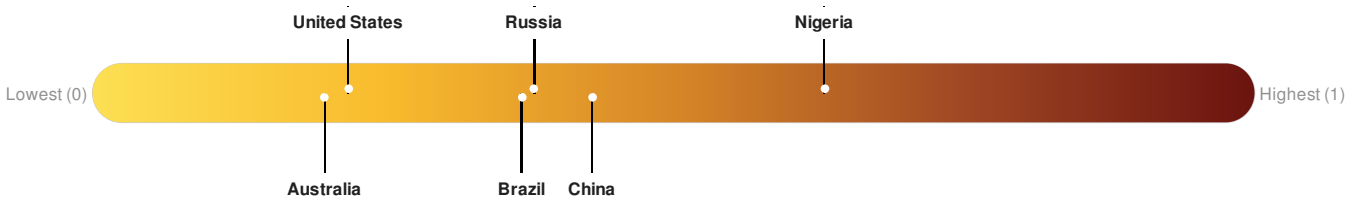

Source: PDC

Historical Hazards

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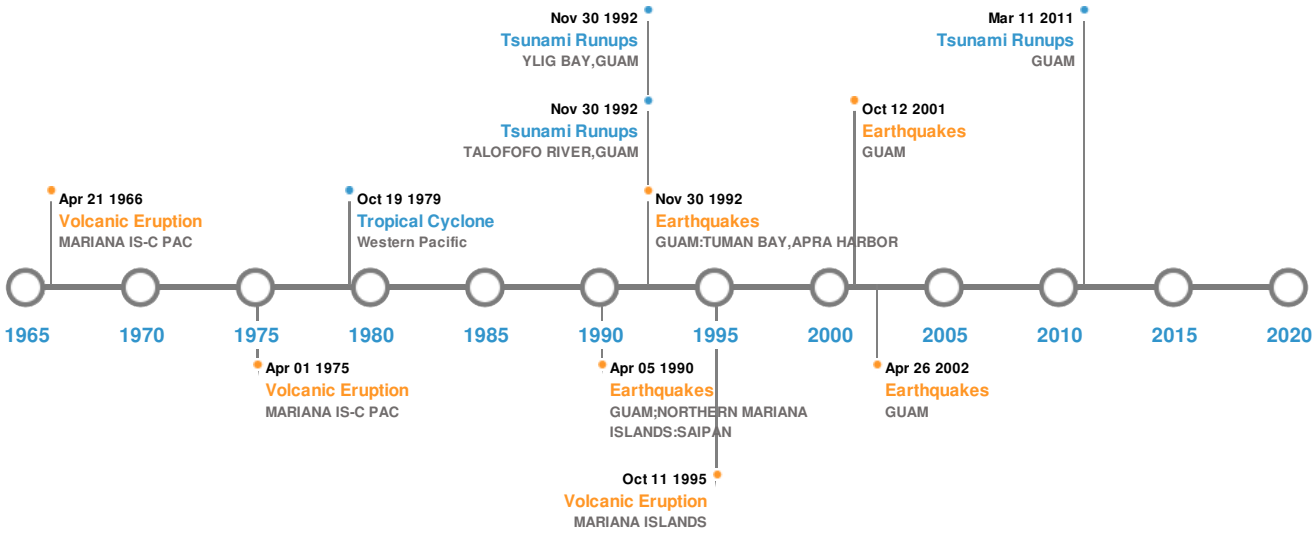
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	09-Dec-1909 00:23:00	8.00	100	GUAM	12.5° N / 145° E
	08-Aug-1993 00:08:00	7.80	59	GUAM: TUMAN BAY, APRA HARBOR	12.98° N / 144.8° E
	05-Apr-1990 00:21:00	7.50	11	GUAM; NORTHERN MARIANA ISLANDS: SAIPAN	15.13° N / 147.6° E
	26-Apr-2002 00:16:00	7.10	86	GUAM	13.09° N / 144.62° E
	12-Oct-2001 00:15:00	7.00	37	GUAM	12.69° N / 144.98° E

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	ESMERALDA BANK	14-Apr-1964 00:00:00	2.00	MARIANA IS-C PAC	15° N / 145.25° E
	RUBY SEAMOUNT	11-Oct-1995 00:00:00	1.00	MARIANA ISLANDS	15.62° N / 145.57° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	ESMERALDA BANK	01-Apr-1975 00:00:00	0.00	MARIANA IS-C PAC	15° N / 145.25° E
	ANATAHAN	21-Apr-1966 00:00:00	0.00	MARIANA IS-C PAC	16.35° N / 145.66° E

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 00:00:00	USA TERRITORY	-	-	GUAM	- / -
	25-Jan-1849 00:00:00	USA TERRITORY	6.1	-	AGAT, GUAM	13.38° N / 144.66° E
	25-Jan-1849 00:00:00	USA TERRITORY	3.5	-	INARAJAN, GUAM	13.28° N / 144.74° E
	08-Aug-1993 00:00:00	USA TERRITORY	2.4	-	TALOFOFO RIVER, GUAM	13.33° N / 144.77° E
	08-Aug-1993 00:00:00	USA TERRITORY	1.8	-	YLIG BAY, GUAM	13.39° N / 144.75° E

Source: Tsunamis

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	NANCY	07-Sep-1961 18:00:00 - 17-Sep-1961 12:00:00	213	No Data	Western Pacific	31.48° N / 146.6° E
	VIOLET	04-Oct-1961 06:00:00 - 11-Oct-1961 12:00:00	207	No Data	Western Pacific	30.93° N / 142.35° E
	IDA	20-Sep-1958 18:00:00 - 27-Sep-1958 18:00:00	201	No Data	Western Pacific	26.88° N / 140.85° E
	SALLY	03-Sep-1964 06:00:00 - 11-Sep-1964 12:00:00	196	No Data	Western Pacific	18.13° N / 133.15° E
	TIP	04-Oct-1979 06:00:00 - 19-Oct-1979 18:00:00	190	No Data	Western Pacific	23.8° N / 141.4° E

Source: Tropical Cyclones

Disclosures

* As defined by the source (Dartmouth Flood Observatory, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.