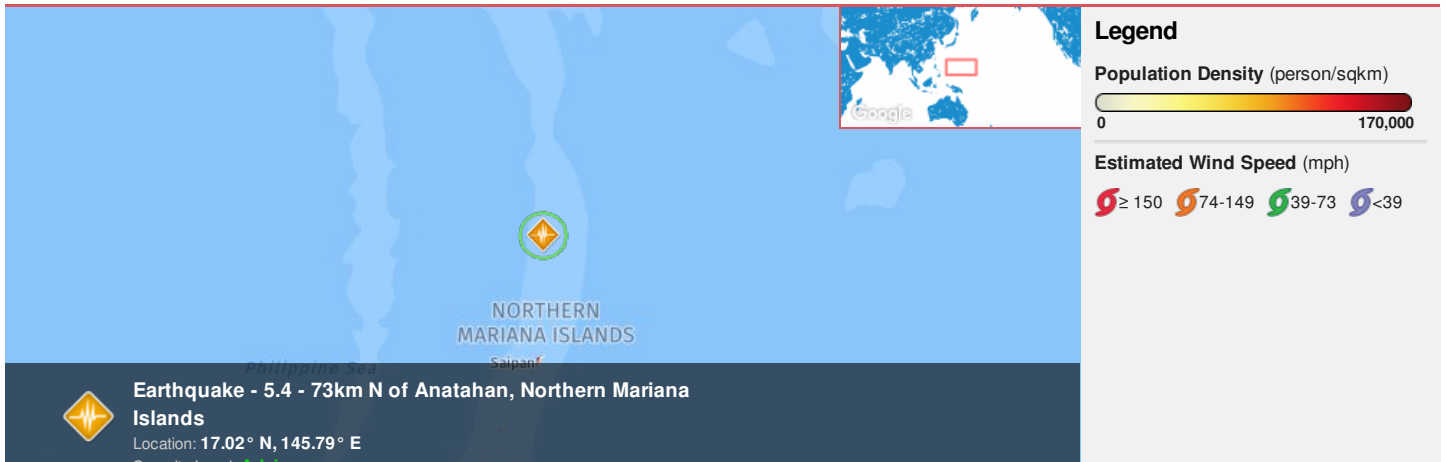




Region Selected » Lower Left Latitude/Longitude: 14.0154 N°, 142.7855 E°
 Upper Right Latitude/Longitude: 20.0154 N°, 148.7855 E°



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:

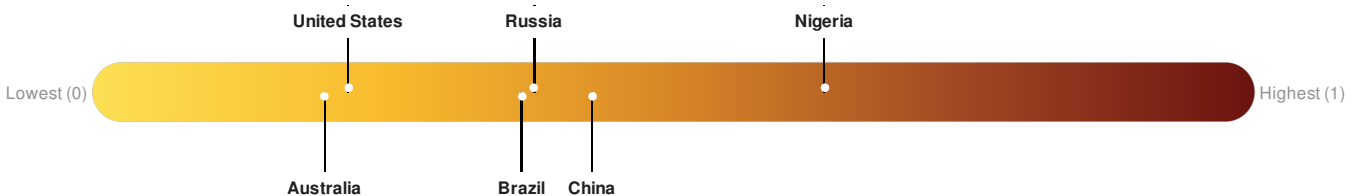
Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		20-Sep-2018 05:08:48	5.4	209.23	73km N of Anatahan, Northern Mariana Islands	17.02° N / 145.79° E

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 **Northern Mariana Is..**



Source: [PDC](#)

Regional Overview

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.

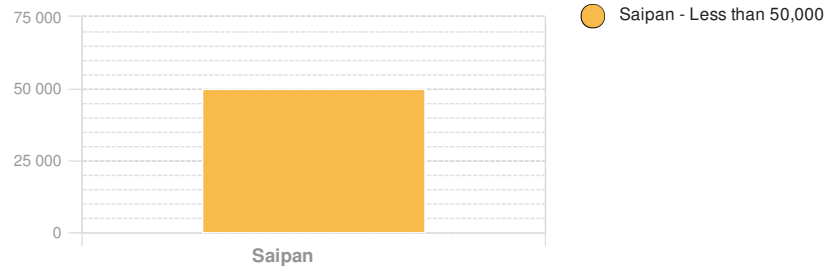
Population Data:

Populated Areas:

2011

Total: 84,685

Max Density: 15,824 (ppl/km²)



Source: [iSciences](#)

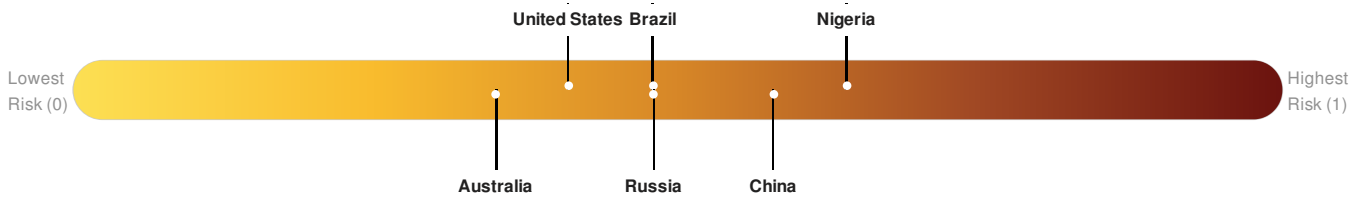
Risk & Vulnerability

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.

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.**

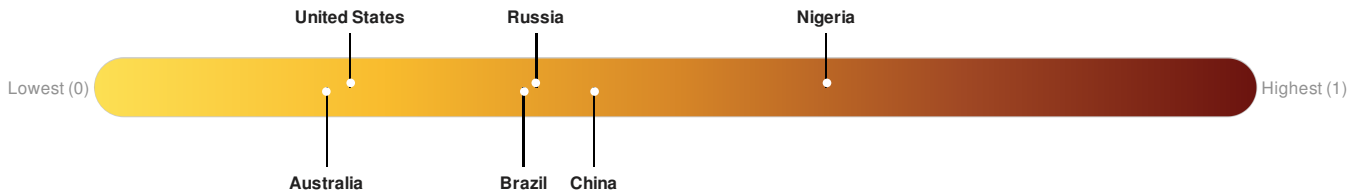


Source: [PDC](#)

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 **Northern Mariana Is.**

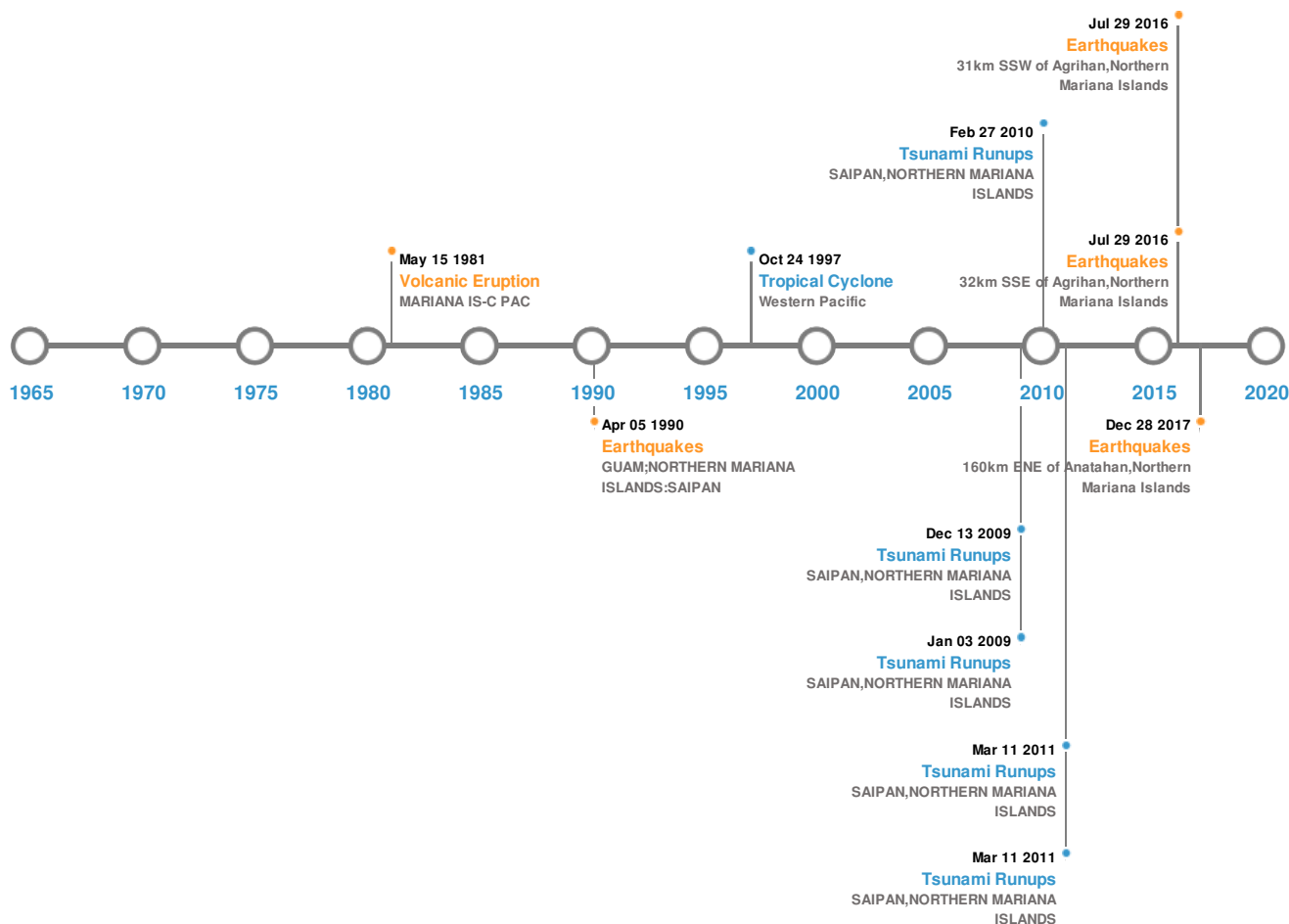


Source: [PDC](#)

Historical Hazards

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.

Historical Hazards:



Earthquakes:




5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	22-Sep-1902 00:01:00	8.10	33	GUAM: AGANA	18° N / 146° E
	29-Jul-2016 21:18:25	7.70	212.43	31km SSW of Agrihan, Northern Mariana Islands	18.52° N / 145.53° E
	29-Jul-2016 21:18:24	7.70	188	32km SSE of Agrihan, Northern Mariana Islands	18.5° N / 145.8° E
	05-Apr-1990 00:21:00	7.50	11	GUAM; NORTHERN MARIANA ISLANDS: SAIPAN	15.13° N / 147.6° E
	28-Aug-2018 22:35:14	6.60	53	160km ENE of Anatahan, Northern Mariana Islands	16.8° N / 147.1° E

Source: [Earthquakes](#)

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	AGRIGAN	09-Apr-1917 00:00:00	4.00	MARIANA IS-C PAC	18.76° N / 145.66° E
	PAGAN, MOUNT	15-May-1981 00:00:00	3.00	MARIANA IS-C PAC	18.13° N / 145.8° E
	PAGAN, MOUNT	03-Mar-1923 00:00:00	3.00	MARIANA IS-C PAC	18.13° N / 145.8° E
	PAGAN, MOUNT	01-Jan-1873 00:00:00	3.00	MARIANA IS-C PAC	18.13° N / 145.8° E
	ESMERALDA BANK	14-Apr-1964 00:00:00	2.00	MARIANA IS-C PAC	15° N / 145.25° 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	1.2	-	SAIPAN, NORTHERN MARIANA ISLANDS	- / -
	11-Mar-2011 09:03:24	USA TERRITORY	0.8	-	SAIPAN, NORTHERN MARIANA ISLANDS	- / -
	27-Feb-2010 00:00:00	USA TERRITORY	0.15	-	SAIPAN, NORTHERN MARIANA ISLANDS	15.23° N / 145.73° E
	03-Jan-2009 23:12:00	USA TERRITORY	0.11	-	SAIPAN, NORTHERN MARIANA ISLANDS	15.23° N / 145.73° E
	13-Aug-2010 22:16:00	USA TERRITORY	0.07	-	SAIPAN, NORTHERN MARIANA ISLANDS	15.23° N / 145.73° 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
	VIOLET	04-Oct-1961 06:00:00 - 11-Oct-1961 12:00:00	207	No Data	Western Pacific	30.93° N / 142.35° E
	JOAN	25-Aug-1959 12:00:00 - 31-Aug-1959 12:00:00	196	No Data	Western Pacific	22.51° N / 130° E
	VERA	22-Sep-1959 00:00:00 - 28-Sep-1959 12:00:00	190	No Data	Western Pacific	28.93° N / 150.95° E
	JOAN	13-Oct-1997 12:00:00 - 24-Oct-1997 00:00:00	184	No Data	Western Pacific	20.07° N / 151.85° E
	WANDA	27-Jul-1956 06:00:00 - 03-Aug-1956 12:00:00	184	No Data	Western Pacific	27.06° N / 128.3° E

Source: [Tropical Cyclones](#)

Disclosures

* As defined by the source ([Dartmouth Flood Observatory](#), University of Colorado), Flood Magnitude = $\text{LOG}(\text{Duration} \times \text{Severity} \times \text{Affected Area})$. Severity classes are based on estimated recurrence intervals and other criteria.

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