



Pacific Disaster Center
Area Brief: General
Executive Summary

HONOLULU
 11:40:25
 29 Jul 2016

WASH.D.C.
 17:40:25
 29 Jul 2016

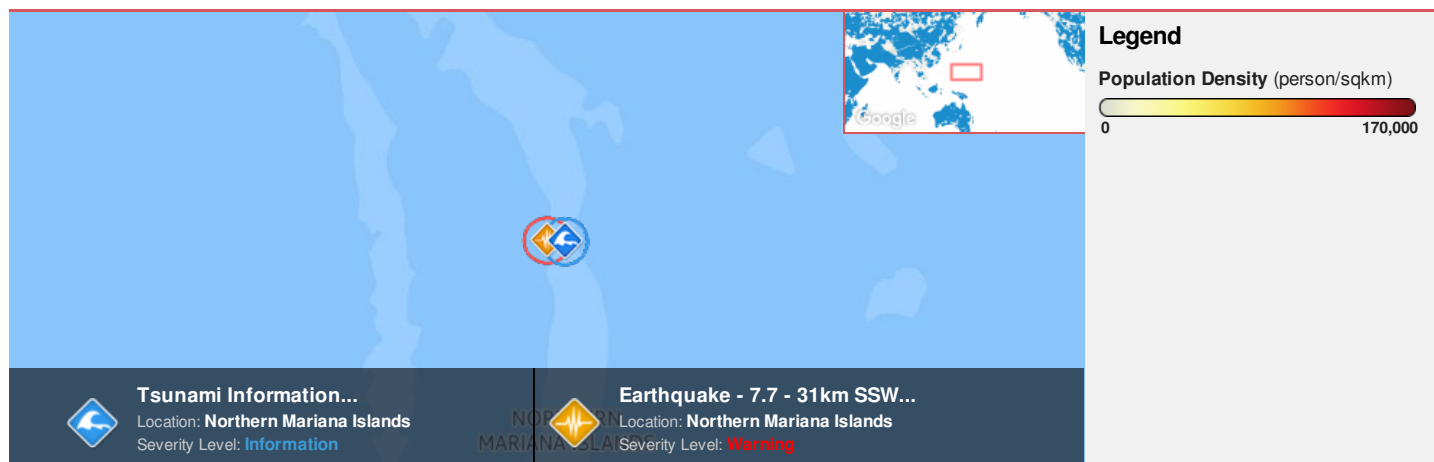
ZULU
 21:40:25
 29 Jul 2016

NAIROBI
 00:40:25
 30 Jul 2016

BANGKOK
 04:40:25
 30 Jul 2016

SAIPAN
 07:40:25
 30 Jul 2016

Region Selected » Lower Left Latitude/Longitude: 15.5153 N° , 142.5293 E°
 Upper Right Latitude/Longitude: 21.5153 N° , 148.5293 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
		29-Jul-2016 21:29:45	7.7	212.43	31km SSW of Agrihan, Northern Mariana Islands	18.52° N / 145.53° E

Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		29-Jul-2016 21:28:56	Tsunami Information (Pacific Ocean) - Mariana Islands - 7.7	18.5° N / 145.8° E

Source: [PDC](#)

Regional Overview

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*No significant land or population areas exist within the current map extent.
 Please use <http://atlas.pdc.org/atlas/> for dynamic mapping capabilities of this hazard.*

Risk & Vulnerability

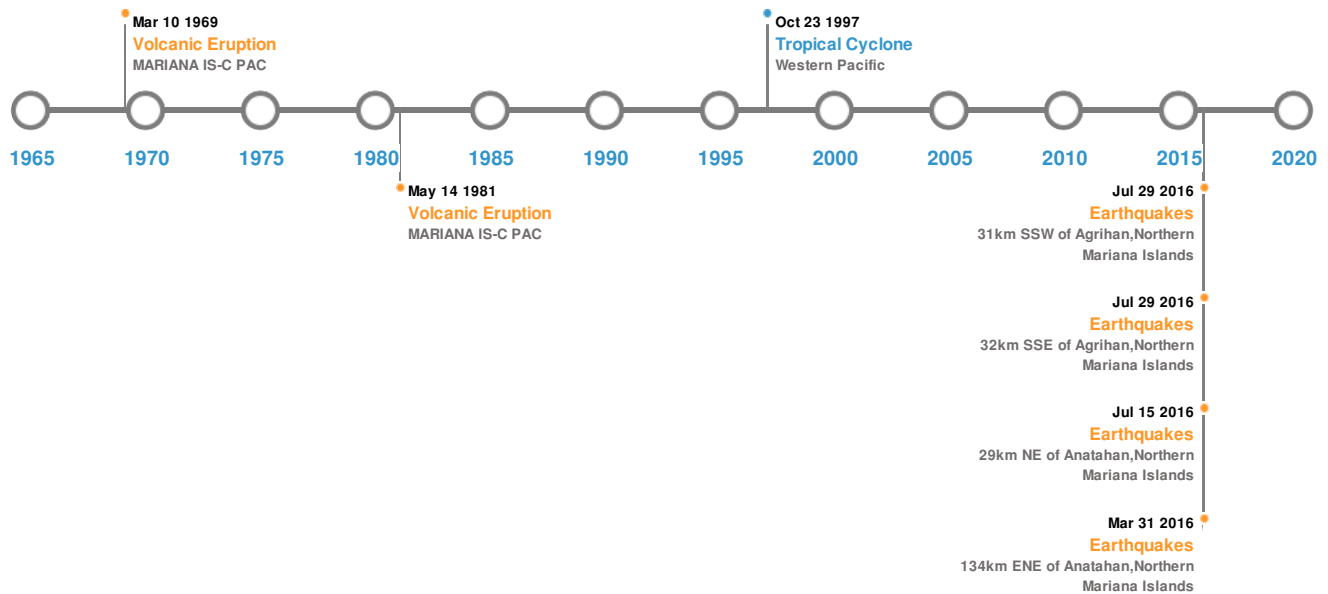
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*No significant land or population areas exist within the current map extent.
 Please use <http://atlas.pdc.org/atlas/> for dynamic mapping capabilities of this hazard.*

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
	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
	16-Jul-2016 08:21:25	5.00	133.45	29km NE of Anatahan, Northern Mariana Islands	16.57° N / 145.84° E
	08-Apr-2016 14:48:38	5.00	35	134km ENE of Anatahan, Northern Mariana Islands	16.73° N / 146.86° 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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	PAGAN, MOUNT	01-Jan-1873 00:00:00	3.00	MARIANA IS-C PAC	18.13° N / 145.8° E
	FARALLON DE PAJAROS	11-Mar-1969 00:00:00	2.00	MARIANA IS-C PAC	20.53° N / 144.9° E

Source: [Volcanoes](#)

Tsunami Runups:






5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	01-Jan-1819 00:00:00	USA TERRITORY	-	-	ASUNCION IS, N MARIANA ISLANDS	19.67° N / 145.4° 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
	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
	RUTH	14-Aug-1962 00:00:00 - 25-Aug-1962 00:00:00	184	No Data	Western Pacific	33.16° N / 0°
	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 = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.

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