Pacific Disaster Center
Area Brief: General Executive Summary

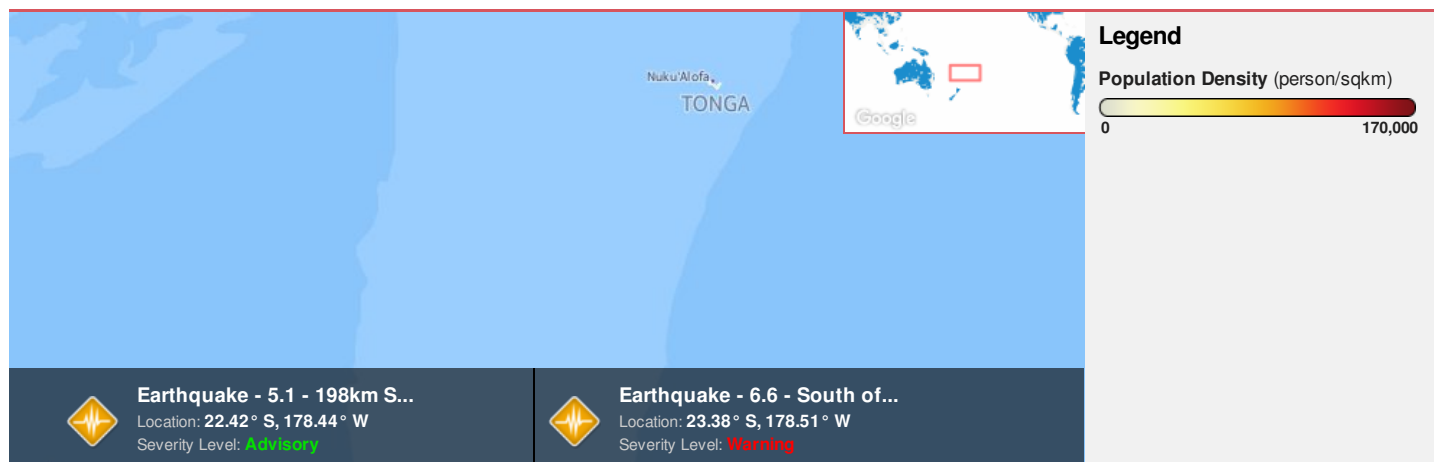| HONOLULU 07:41:56 24 Feb 2017 | WASH.D.C. 12:41:56 24 Feb 2017 | ZULU 17:41:56 24 Feb 2017 | NAIROBI 20:41:56 24 Feb 2017 | BANGKOK 00:41:56 25 Feb 2017 | TONGATAPU 06:41:56 25 Feb 2017 |

Region Selected » Lower Left Latitude/Longitude: -26.4 N˚ , -180.0 E˚
Upper Right Latitude/Longitude: -20.4 N˚ , -175.5 E˚

Nuku'Alofa
TONGA

Legend

Population Density (person/sqkm)

0   170,000

Earthquake - 5.1 - 198km S...
Location: **22.42° S, 178.44° W**
Severity Level: **Advisory**

Earthquake - 6.6 - South of...
Location: **23.38° S, 178.51° W**
Severity Level: **Warning**

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
		24-Feb-2017 17:38:46	6.6	416.5	South of the Fiji Islands	23.38° S / 178.51° W
		23-Feb-2017 21:19:00	5.1	396.62	198km S of Ndoi Island, Fiji	22.42° S / 178.44° W

Active Recent Tsunamis

Event	Severity	Date (UTC)	Name	Lat/Long
		24-Feb-2017 17:40:54	Tsunami Information (Pacific Ocean) - South Of The Fiji Islands - 6.6	23.4° S / 178.5° W

Source: PDC

Regional Overview

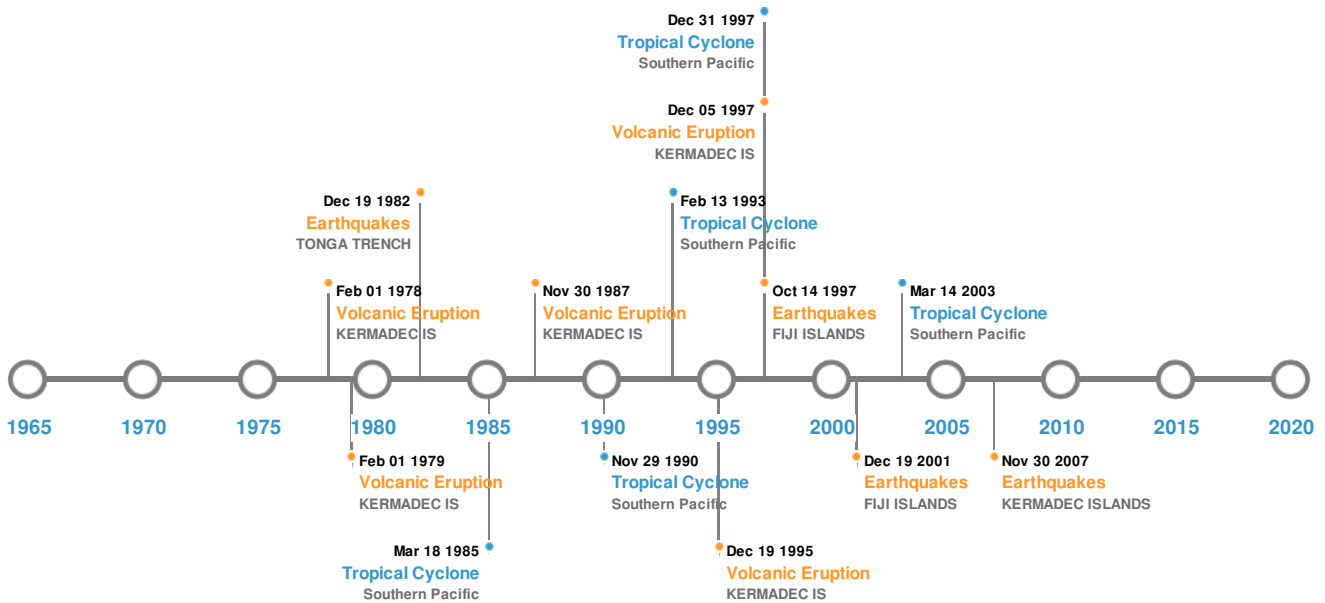Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

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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Historical Hazards:

Earthquakes:

	5 Largest Earthquakes (Resulting in significant damage or deaths)				
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	16-Apr-1937 00:03:00	8.10	400	FIJI ISLANDS	21.5° S / 177° W
	09-Dec-2007 00:07:00	7.80	153	KERMADEC ISLANDS	26° S / 177.51° W
	19-Aug-2002 00:11:00	7.70	580	FIJI ISLANDS	21.7° S / 179.51° W
	14-Oct-1997 00:09:00	7.70	167	FIJI ISLANDS	22.1° S / 176.77° W
	19-Dec-1982 00:17:00	7.70	33	TONGA TRENCH	24.13° S / 175.86° W

Source: Earthquakes

Volcanic Eruptions:

	5 Largest Volcanic Eruptions (Last updated in 2000)				
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MONOWAI SEAMOUNT	05-Dec-1997 00:00:00	2.00	KERMADEC IS	25.89° S / 177.19° W
	MONOWAI SEAMOUNT	19-Sep-1996 00:00:00	0.00	KERMADEC IS	25.89° S / 177.19° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	MONOWAI SEAMOUNT	08-Sep-1988 00:00:00	0.00	KERMADEC IS	25.89° S / 177.19° W
	MONOWAI SEAMOUNT	01-Feb-1979 00:00:00	0.00	KERMADEC IS	25.89° S / 177.19° W
	MONOWAI SEAMOUNT	01-Feb-1978 00:00:00	0.00	KERMADEC IS	25.89° S / 177.19° W

Source: Volcanoes

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	1997-12-20	01-Jan-1998 00:00:00 - 09-Jan-1998 12:00:00	161	No Data	Southern Pacific	22.67° S / 0°
	1985-03-12	12-Mar-1985 06:00:00 - 18-Mar-1985 18:00:00	155	No Data	Southern Pacific	23.07° S / 0°
	1990-11-23	23-Nov-1990 12:00:00 - 29-Nov-1990 06:00:00	144	No Data	Southern Pacific	14.13° S / 0°
	1993-02-03	03-Feb-1993 06:00:00 - 13-Feb-1993 18:00:00	132	No Data	Southern Pacific	19.15° S / 0°
	ESETA	11-Mar-2003 00:00:00 - 14-Mar-2003 00:00:00	127	No Data	Southern Pacific	20.29° S / 0°

Source: Tropical Cyclones