



**Region Selected »** Lower Left Latitude/Longitude: -26.724 N° , -178.4335 E°  
 Upper Right Latitude/Longitude: -20.724 N° , -172.4335 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.

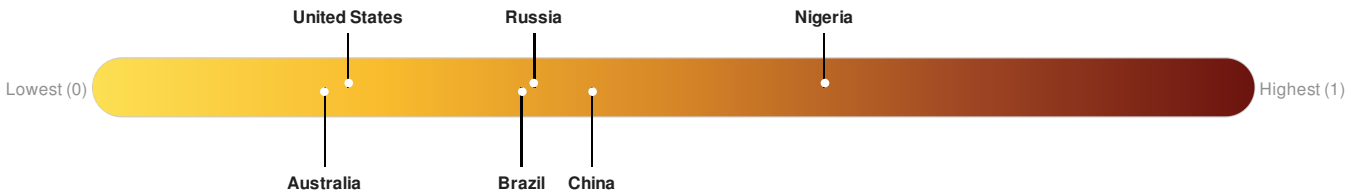
## Current Hazards:

Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		16-Oct-2017 18:39:24	5.4	10	269km S of `Ohonua, Tonga	23.72° S / 175.43° W

Source: [PDC](#)

## Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. There was insufficient data to determine the Lack of Resilience Index score for **Tonga**.



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Source: [PDC](#)

## Regional Overview

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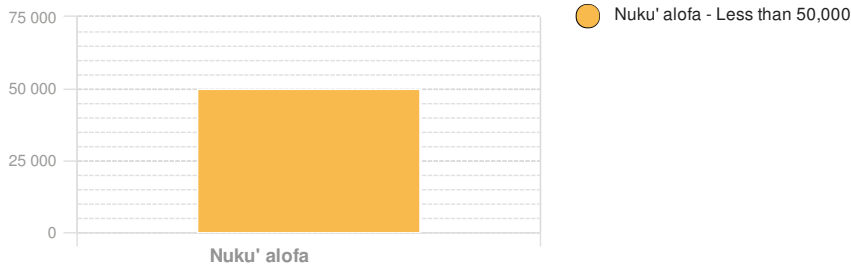
## Population Data:

## Populated Areas:

**2011**

Total: 88,501  
Max Density: 13,230(ppl/km<sup>2</sup>)

Source: [iSciences](#)

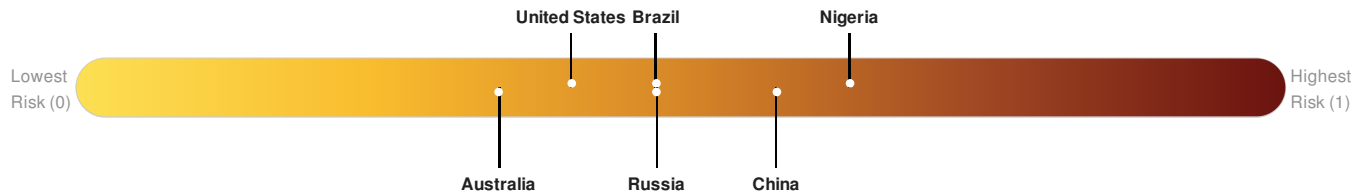


Risk & Vulnerability

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Multi Hazard Risk Index:

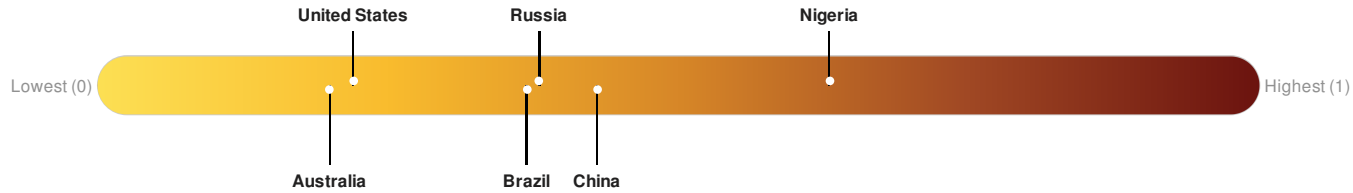
There was insufficient data to determine the Multi Hazard Risk Index score for **Tonga**.



Source: [PDC](#)

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. There was insufficient data to determine the Lack of Resilience Index score for **Tonga**.



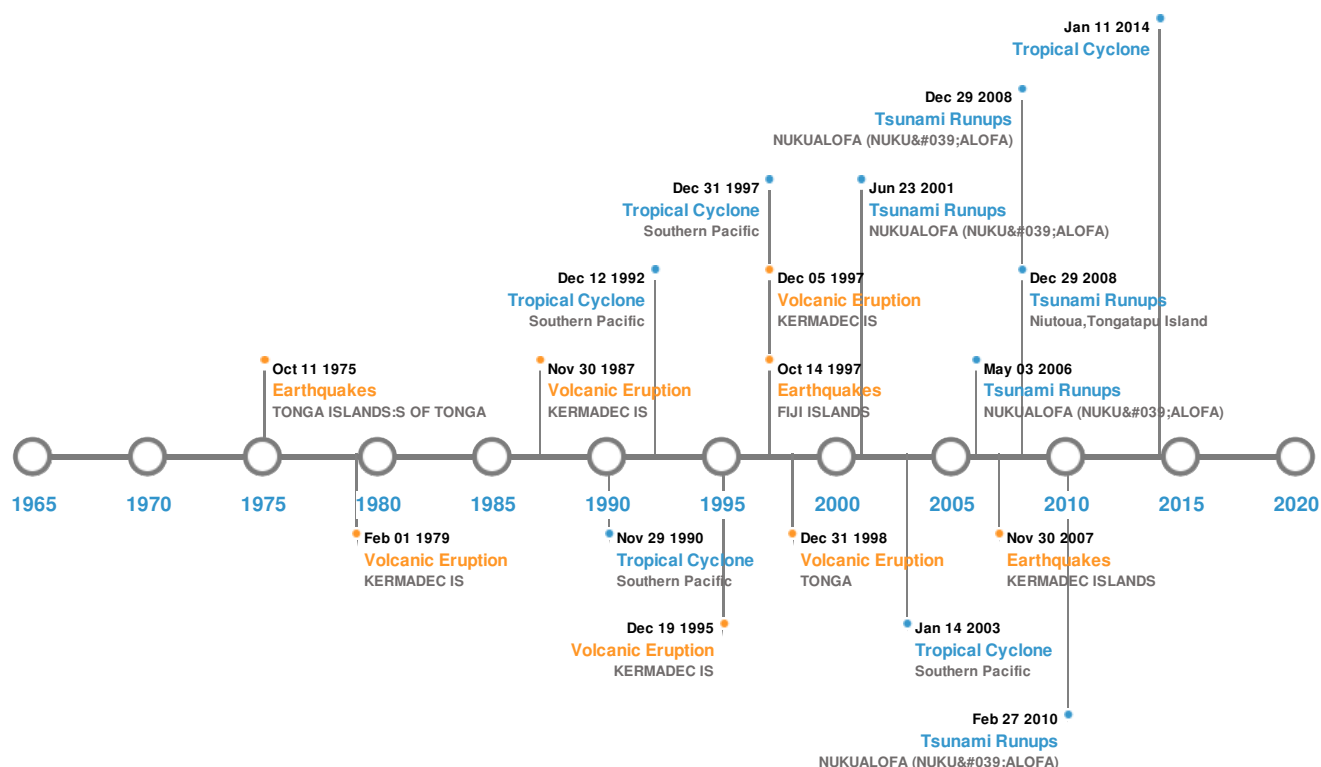
There was insufficient data to determine the Lack of Resilience Index score for **Tonga**.

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
	16-Apr-1937 00:03:00	8.10	400	FIJI ISLANDS	21.5° S / 177° W
	08-Sep-1948 00:15:00	7.90	25	TONGA ISLANDS	21° S / 174° W
	09-Dec-2007 00:07:00	7.80	153	KERMADEC ISLANDS	26° S / 177.51° W
	11-Oct-1975 00:14:00	7.80	9	TONGA ISLANDS: S OF TONGA	24.89° S / 175.12° W
	14-Oct-1997 00:09:00	7.70	167	FIJI ISLANDS	22.1° S / 176.77° 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

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	UNNAMED	08-Jan-1999 00:00:00	1.00	TONGA	21.08° S / 175.02° W
	MONOWAI SEAMOUNT	19-Sep-1996 00:00:00	0.00	KERMADEC IS	25.89° S / 177.19° W
	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






Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	29-Sep-2009 00:00:00	TONGA	0.78	-	Niutoua, Tongatapu Island	21.14° S / 175.04° W
	03-May-2006 16:00:00	TONGA	0.21	-	NUKUALOFA (NUKU&#039;ALOFA)	21.13° S / 175.17° W
	29-Sep-2009 18:44:00	TONGA	0.15	-	NUKUALOFA (NUKU&#039;ALOFA)	21.13° S / 175.17° W
	27-Feb-2010 20:24:00	TONGA	0.1	-	NUKUALOFA (NUKU&#039;ALOFA)	21.13° S / 175.17° W
	23-Jun-2001 11:40:00	TONGA	0.1	-	NUKUALOFA (NUKU&#039;ALOFA)	21.13° S / 175.17° W

Source: [Tsunamis](#)

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°
	1990-11-23	23-Nov-1990 12:00:00 - 29-Nov-1990 06:00:00	144	No Data	Southern Pacific	14.13° S / 0°
	IAN	06-Jan-2014 00:00:00 - 11-Jan-2014 00:00:00	144	-	-	22.59° S / 173.22° W
	AMI	12-Jan-2003 06:00:00 - 14-Jan-2003 18:00:00	127	No Data	Southern Pacific	18.4° S / 0°
	1992-12-03	03-Dec-1992 12:00:00 - 12-Dec-1992 18:00:00	127	No Data	Southern Pacific	14.33° S / 0°

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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