



Region Selected » Lower Left Latitude/Longitude: -25.6501 N° , -177.5778 E°
 Upper Right Latitude/Longitude: -19.6501 N° , -171.5778 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:

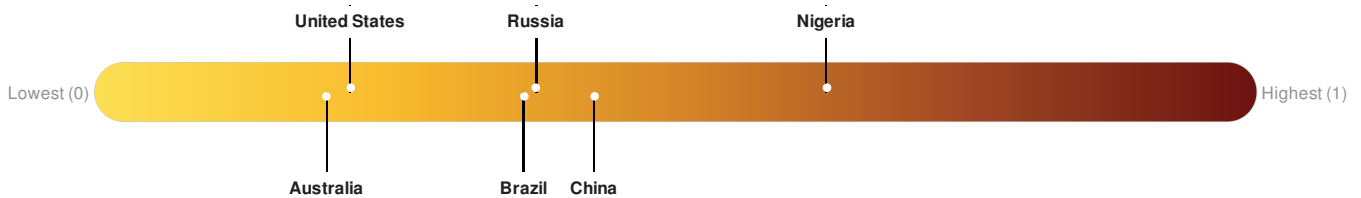
Recent Earthquakes						
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		20-Apr-2018 00:31:45	5.3	10	150km SSE of 'Ohonua, Tonga	22.65° S / 174.58° W

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 **Tonga**.



Source: [PDC](#)

Regional Overview

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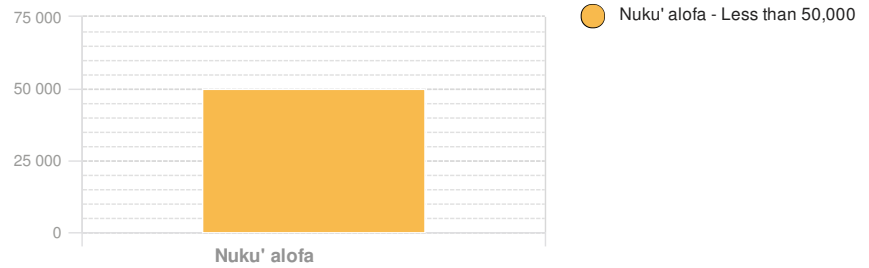
Population Data:

Populated Areas:

2011

Total: 97, 108

Max Density: 13, 230(ppl/km²)



Source: [iSciences](#)

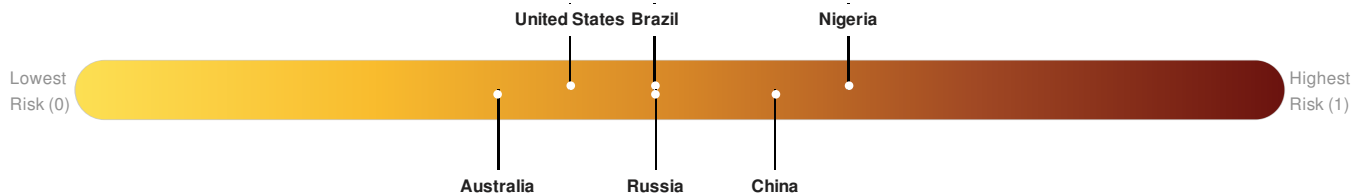
Risk & Vulnerability

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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 **Tonga**.

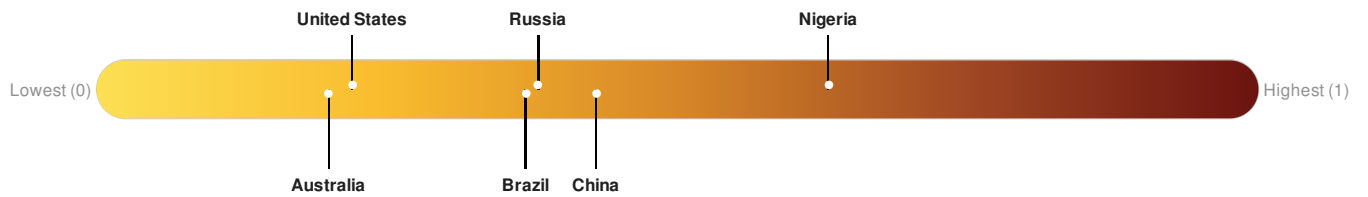


Source: [PDC](#)

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 **Tonga**.

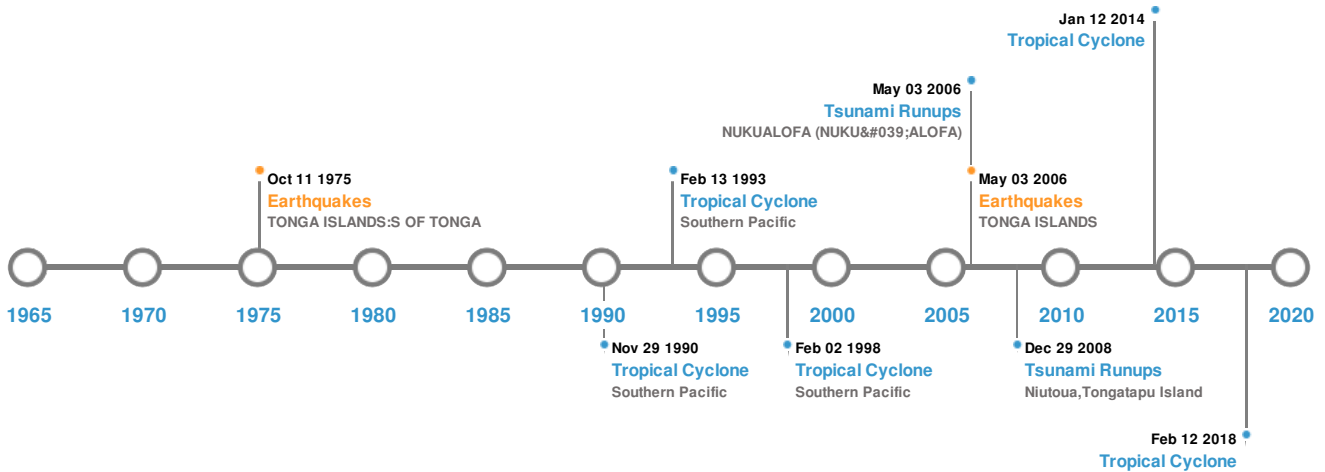


Source: [PDC](#)

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
	04-Jan-1903 00:05:00	8.00	400	TONGA ISLANDS	20° S / 175° W
	03-May-2006 00:15:00	7.90	55	TONGA ISLANDS	20.19° S / 174.12° W
	08-Sep-1948 00:15:00	7.90	25	TONGA ISLANDS	21° S / 174° W
	11-Oct-1975 00:14:00	7.80	9	TONGA ISLANDS: S OF TONGA	24.89° S / 175.12° W

Source: [Earthquakes](#)

Volcanic Eruptions:






5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	FALCON ISLAND	11-Oct-1885 00:00:00	3.00	TONGA-SW PACIFIC	20.31° S / 175.41° W
	TOFUA	31-Dec-1958 00:00:00	2.00	TONGA-SW PACIFIC	19.75° S / 176.08° W

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	FALCON ISLAND	01-Jun-1936 00:00:00	2.00	TONGA-SW PACIFIC	20.31° S / 175.41° W
	FALCON ISLAND	01-Apr-1933 00:00:00	2.00	TONGA-SW PACIFIC	20.31° S / 175.41° W
	FALCON ISLAND	01-May-1928 00:00:00	2.00	TONGA-SW PACIFIC	20.31° S / 175.41° W






Source: [Volcanoes](#)

Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	26-Jun-1917 00:00:00	TONGA	4.2	-	HAAPAI	19.78° S / 174.34° W
	10-May-1877 00:00:00	TONGA	3.6	-	TONGA ISLANDS	20.4° S / 174.6° W
	30-Apr-1919 07:53:00	TONGA	2.5	-	HAAPAI	19.78° S / 174.34° W
	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'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
	1998-01-01	01-Jan-1998 18:00:00 - 02-Feb-1998 00:00:00	167	No Data	Southern Pacific	18.6° S / 5.5° W
	IAN	06-Jan-2014 00:00:00 - 12-Jan-2014 00:00:00	144	-	-	22.11° S / 173.33° W
	NINE	09-Feb-2018 03:00:00 - 12-Feb-2018 21:00:00	144	-	-	21.43° S / 174.63° W
	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°

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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