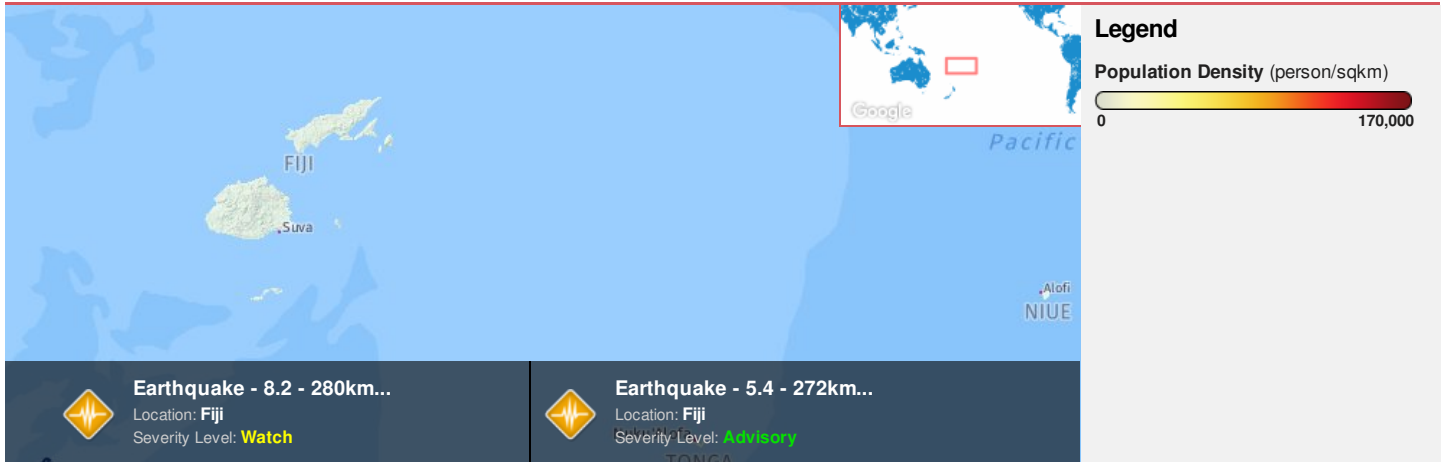








**Region Selected »** Lower Left Latitude/Longitude: -21.1777 N° , -180.0 E°  
Upper Right Latitude/Longitude: -15.177700000000002 N° , -175.1109 E°



## 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
		19-Aug-2018 01:14:43	5.4	521.74	276km N of Ndoi Island, Fiji	18.17° S / 178.33° W
		19-Aug-2018 01:14:43	5.4	552.31	272km NNE of Ndoi Island, Fiji	18.25° S / 178.12° W
		19-Aug-2018 00:29:24	8.2	563.41	280km NNE of Ndoi Island, Fiji	18.18° S / 178.11° W

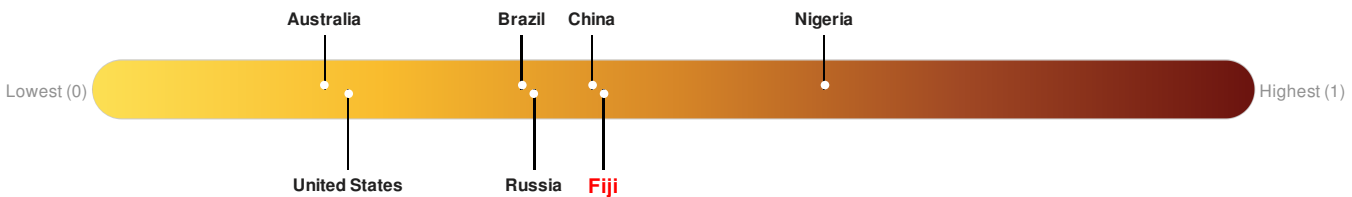
Source: [PDC](#)

## 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**.

**Fiji** ranks **79** out of **165** countries assessed for Lack of Resilience. Fiji is less resilient than 53% of countries assessed. This indicates that Fiji has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



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.

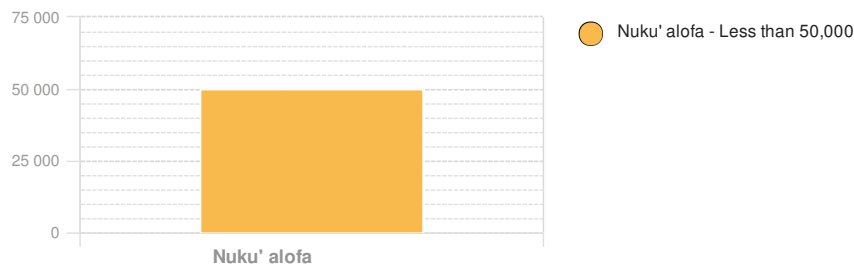
### Population Data:

2011

Total: 77,279

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

### Populated Areas:



Source: [iSciences](#)

## Risk & Vulnerability

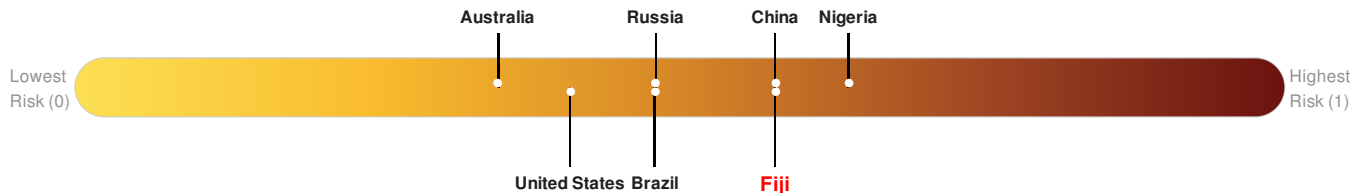
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

### 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 **Tonga**.

Multi-Hazard Exposure **Fiji** ranks **32** out of **165** countries assessed for Multi Hazard Risk. Fiji has a Multi Hazard Risk higher than 81% of countries assessed. This indicates that Fiji has more likelihood of loss and/or disruption to normal function if exposed to a hazard.



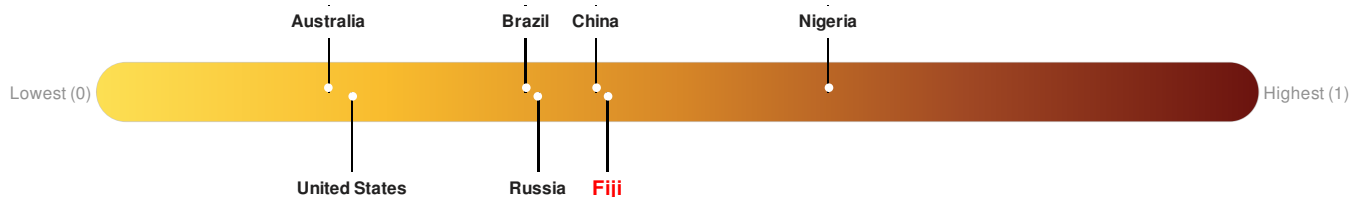
Source: [PDC](#)

### 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**.

**Fiji** ranks **79** out of **165** countries assessed for Lack of Resilience. Fiji is less resilient than 53% of countries assessed. This indicates that Fiji has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

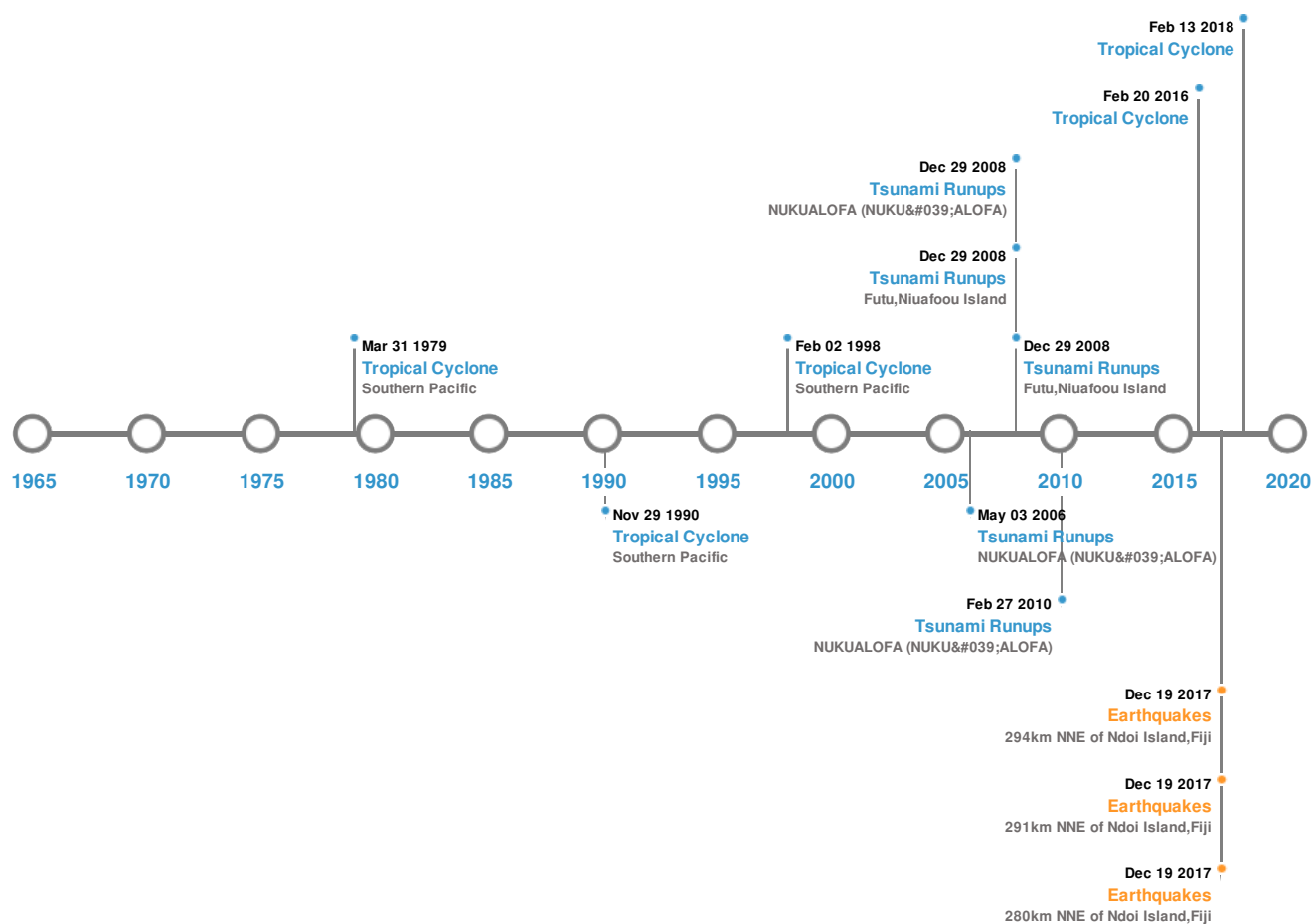


Source: [PDC](#)

## 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
	01-Jan-1919 00:02:00	8.30	180	FIJI ISLANDS	19.5° S / 176.5° W
	19-Aug-2018 00:19:37	8.20	563.41	280km NNE of Ndoi Island, Fiji	18.18° S / 178.11° W
	19-Aug-2018 00:19:37	7.90	570	291km NNE of Ndoi Island, Fiji	18.1° S / 178° W
	19-Aug-2018 00:19:37	7.90	570.1	294km NNE of Ndoi Island, Fiji	18.07° S / 178.02° W
	22-Feb-1909 00:09:00	7.80	550	FIJI ISLANDS	18° S / 179° W

Source: [Earthquakes](#)






### Volcanic Eruptions:

#### 5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	NIUAFO&#039;OU	09-Sep-1946 00:00:00	3.00	TONGA-SW PACIFIC	15.6° S / 175.63° W
	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
	NIUAFO&#039;OU	01-Sep-1943 00:00:00	2.00	TONGA-SW PACIFIC	15.6° S / 175.63° W
	FALCON ISLAND	01-Jun-1936 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
	29-Sep-2009 00:00:00	TONGA	4.6	-	Futu, Niuafouu Island	15.59° S / 175.67° W
	29-Sep-2009 00:00:00	TONGA	3.49	-	Futu, Niuafouu Island	15.59° S / 175.68° 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

Source: [Tsunamis](#)

Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	WINSTON	12-Feb-2016 00:00:00 - 20-Feb-2016 00:00:00	184	-	-	18.63° S / 177.2° W
	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
	1990-11-23	23-Nov-1990 12:00:00 - 29-Nov-1990 06:00:00	144	No Data	Southern Pacific	14.13° S / 0°
	NINE	09-Feb-2018 03:00:00 - 13-Feb-2018 09:00:00	138	-	-	20.99° S / 178.45° W
	1979-03-24	24-Mar-1979 06:00:00 - 31-Mar-1979 06:00:00	132	No Data	Southern Pacific	26.4° S / 0°

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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