HONOLULU 15:20:17 18 Aug 2018 WASH.D.C. 21:20:17 18 Aug 2018 ZULU 01:20:17 19 Aug 2018 NAIROBI 04:20:17 19 Aug 2018 BANGKOK 08:20:17 19 Aug 2018 TONGATAPU 14:20:17 19 Aug 2018

Region Selected » Lower Left Latitude/Longitude: -20.8508 N°, -180.0 E° Upper Right Latitude/Longitude: -14.8508 N°, -175.0782 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:

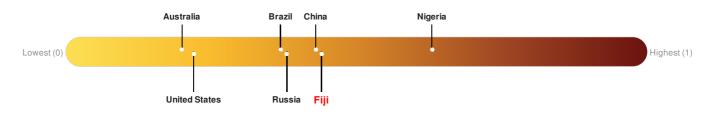
Recent	Recent Earthquakes								
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long			
	0	19-Aug-2018 01:19:43	5.4	510	Fiji region	17.85° S / 178.08° W			
	0	19-Aug-2018 01:14:43	5.4	521.74	276km N of Ndoi Island, Fiji	18.17° S / 178.33° W			
	0	19-Aug-2018 01:14:43	5.4	552.31	272km NNE 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.

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.



Regional Overview

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Population Data:

2011

Total: 19,908

Max Density: 1, 236(ppl/km²)

Populated Areas:

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

Source: iSciences

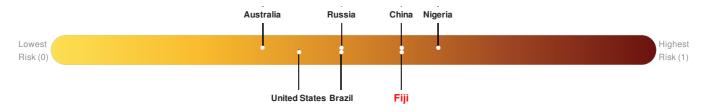
Risk & Vulnerability

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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

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.

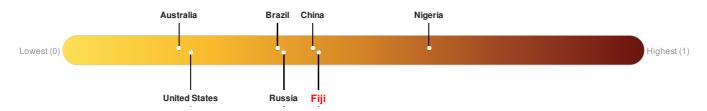


Source: PDC

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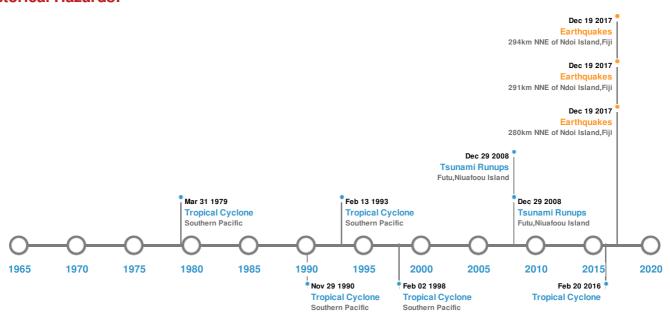


Source: PDC

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			
*	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'OU	FO'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		

Event	Name Date (UTC)		Volcanic Explosivity Index	Location	Lat/Long
	TOFUA	31-Dec-1958 00:00:00	2.00	TONGA-SW PACIFIC	19.75° S / 176.08° W
♦	NIUAFO'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, Niuafoou Island	15.59° S / 175.67° W		
\$	29-Sep-2009 00:00:00	TONGA	3.49	-	Futu, Niuafoou Island	15.59° S / 175.68° W		

Source: <u>Tsunamis</u>

Tropical Cyclones:

5 Large	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	-	-	18.58° 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°		
	1993-02- 03	03-Feb-1993 06:00:00 - 13-Feb-1993 18:00:00	132	No Data	Southern Pacific	19.15° S / 0°		
	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: <u>Tropical Cyclones</u>

Disclosures

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^{*} As defined by the source (<u>Dartmouth Flood Observatory</u>, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.