

HONOLULU 05:54:56 18 Jan 2017 WASH.D.C. 10:54:56 18 Jan 2017 ZULU 15:54:56 18 Jan 2017 NAIROBI 18:54:56 18 Jan 2017 BANGKOK 22:54:56 18 Jan 2017 FIJI 03:54:56 19 Jan 2017

Region Selected » Lower Left Latitude/Longitude: -21.6541 N°, 173.0897 E° Upper Right Latitude/Longitude: -15.6541 N°, 179.0897 E°



Situational Awareness

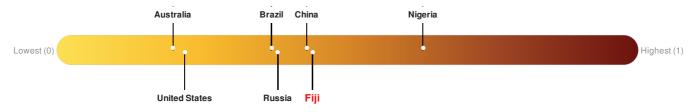
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

Recent Earthquakes							
Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long	
	1	14-Jan-2017 18:48:52	5.7	4.58	169km SW of Nadi, Fiji	18.65° S / 176.09° E	
Source: <u>PDC</u>							

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. Fiji ranks 79 out of 165 on the Lack of Resilience index with a score of 0.44.



Fiji ranks 79 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Recent Disaster Impacts and Marginalization.

Source: PDC

Regional Overview

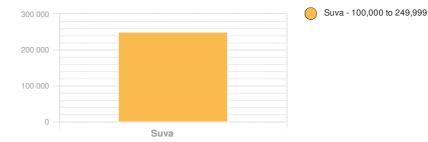
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Population Data:

Populated Areas:

Total: 742, 153

Max Density: 9, 586(ppl/km²)



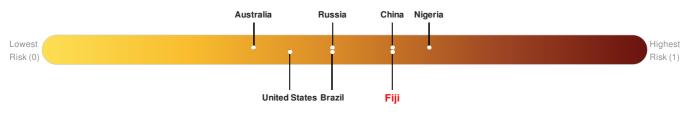
Source: iSciences

Risk & Vulnerability

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Multi Hazard Risk Index:

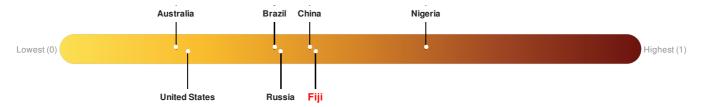
Fiji ranks 32 out of 165 on the Multi-Hazard Risk Index with a score of 0.58. Fiji is estimated to have relatively very high overall exposure, low vulnerability, and medium coping capacity.



Source: PDC

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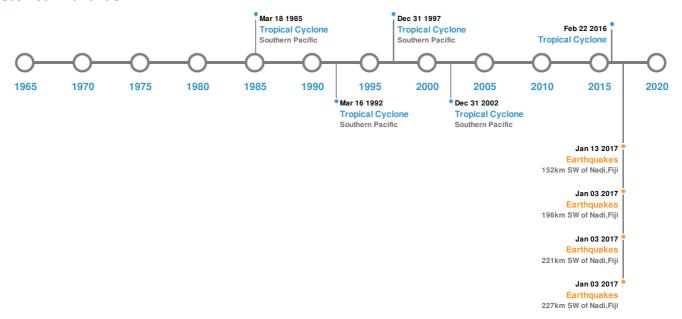
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Source: PDC

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			
*	03-Jan-2017 21:52:27	7.20	10	227km SW of Nadi, Fiji	19.5° S / 176.2° E			
*	03-Jan-2017 21:52:31	6.90	17.1	221km SW of Nadi, Fiji	19.33° S/176.05° E			
*	14-Sep-1953 00:00:00	6.80	60	FIJI ISLANDS	18.2° S/178.3° E			
*	14-Jan-2017 06:11:41	6.10	10	152km SW of Nadi, Fiji	18.59° S / 176.23° E			
*	03-Jan-2017 22:40:12	5.80	10	196km SW of Nadi, Fiji	19.14° S / 176.2° E			

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
	14-Sep-1953 00:00:00	FIJI	15	-	SOUTHERN COAST VITI LEVU ISLAND	18.28° S / 178.13° E		
	14-Sep-1953 00:00:00	FIJI	4.57	2	NAKASALEKA, KANDAVU ISLAND	19.05° S / 178.22° E		
\$	14-Sep-1953 00:00:00	FIJI	3	3	SUVA, VITI LEVU ISLAND	18.13° S / 178.43° E		

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
\$	10-May-1877 00:00:00	FIJI	2	2000	FIJI ISLANDS	18° S / 178° E
\$	14-Sep-1953 00:00:00	FIJI	1.8	-	LAMI	18.12° S / 178.42° E

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	10-Feb-2016 00:00:00 - 23-Feb-2016 00:00:00	184	-	-	18.99° S / 175.52° E		
	ZOE	26-Dec-2002 00:00:00 - 31-Dec-2002 12:00:00	178	No Data	Southern Pacific	14.83° S / 173.45° E		
	1997-12- 20	01-Jan-1998 00:00:00 - 09-Jan-1998 12:00:00	161	No Data	Southern Pacific	22.67° S / 0°		
	1992-03- 04	04-Mar-1992 06:00:00 - 16-Mar-1992 18:00:00	161	No Data	Southern Pacific	17.91° 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°		

Source: Tropical Cyclones

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.