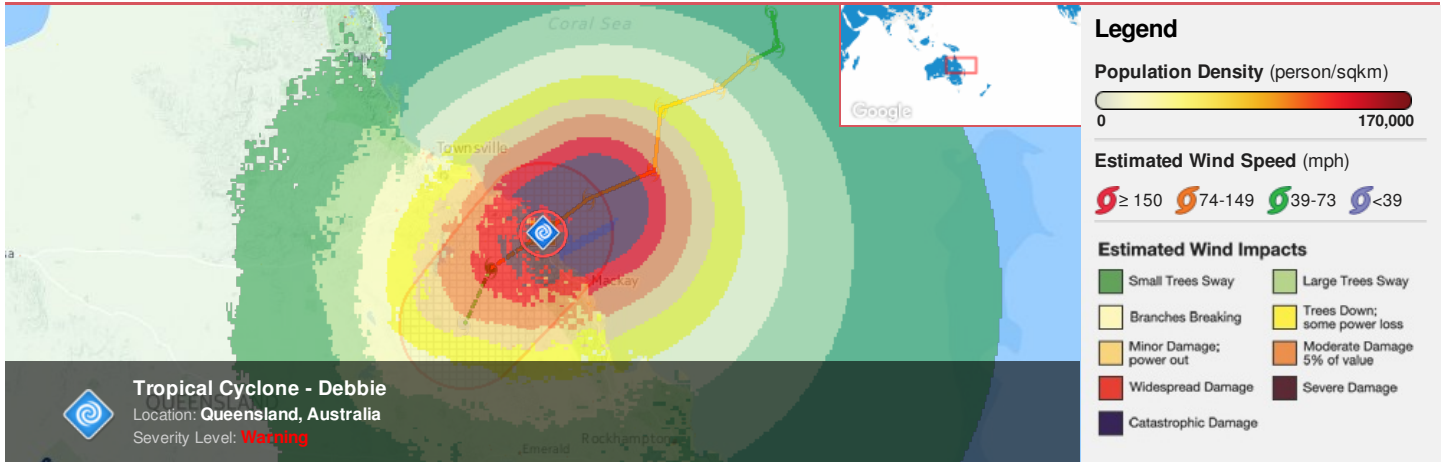


Region Selected »
Lower Left Latitude/Longitude: -23.4 N° , 145.5 E°
Upper Right Latitude/Longitude: -17.4 N° , 151.5 E°





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:

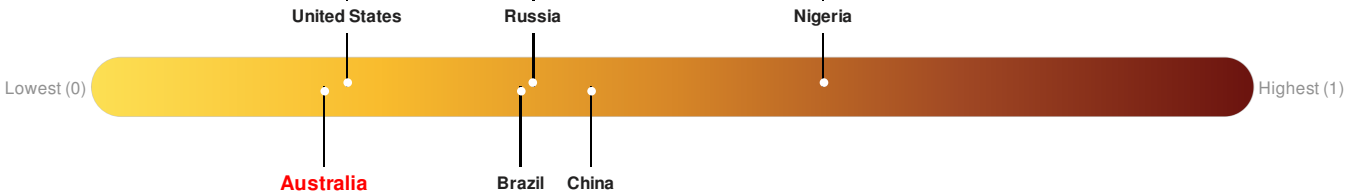
Active Tropical Cyclones

Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
		Tropical Cyclone - Debbie	86	104	SW	6	8	Hurricane/Typhoon > 74 mph	-	20.4° S / 148.5° E

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. **Australia** ranks **154** out of **165** on the Lack of Resilience index with a score of 0.2.



Australia ranks **154** 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 Recent Disaster Impacts, Population Pressures and Economic Constraints.

Source: [PDC](#)

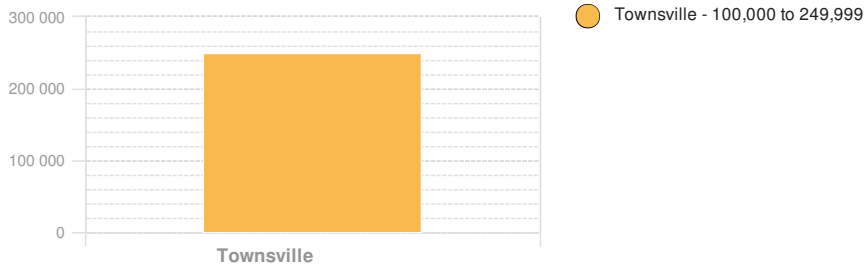
Regional Overview

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: Populated Areas:

2011

Total: 495,050
Max Density: 12,654 (ppl/km²)



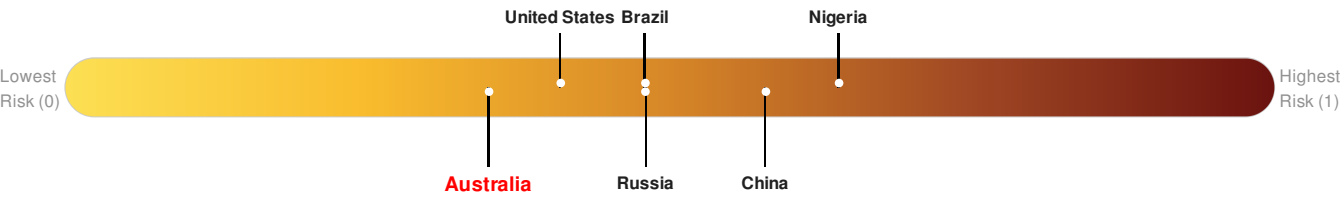
Source: [iSciences](#)

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:

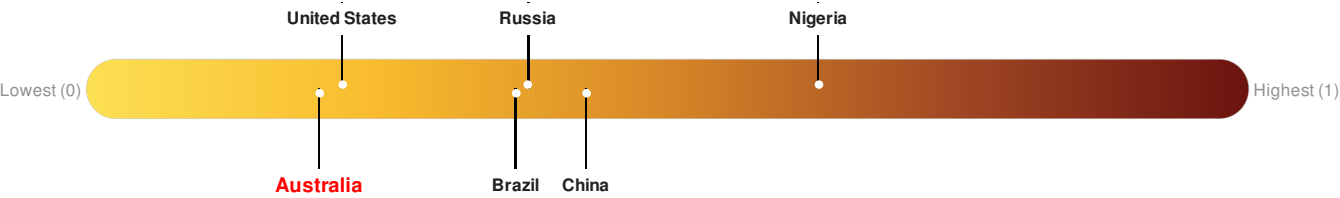
Australia ranks 142 out of 165 on the Multi-Hazard Risk Index with a score of 0.35. Australia is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



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. **Australia** ranks 154 out of 165 on the Lack of Resilience index with a score of 0.2.



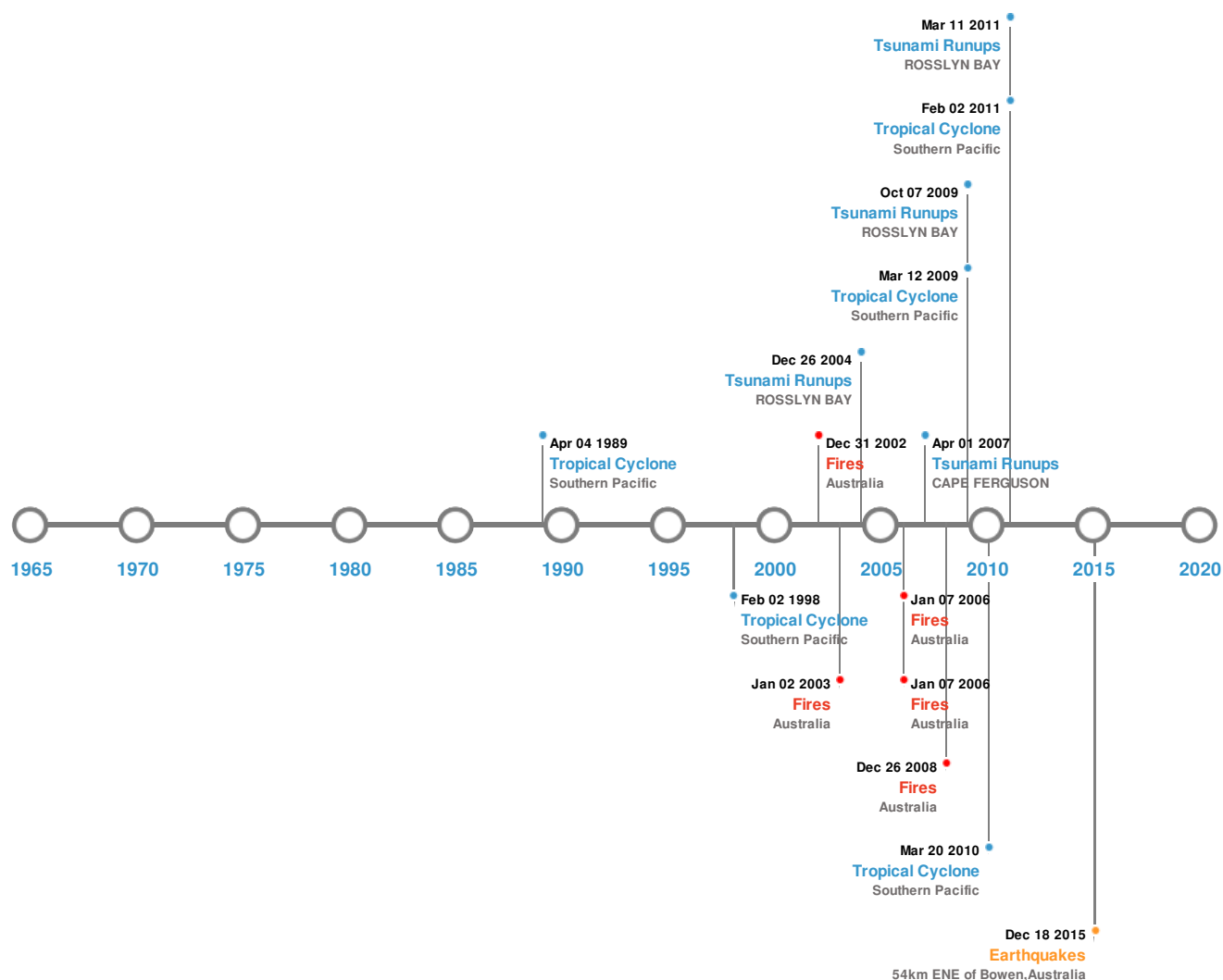
Australia ranks 154 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Population Pressures and Economic Constraints.

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
	18-Aug-2016 04:30:08	5.70	7.82	54km ENE of Bowen, Australia	19.86° S / 148.73° E

Source: [Earthquakes](#)

Tsunami Runups:






5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	11-Mar-2011 19:16:24	AUSTRALIA	0.41	-	ROSSLYN BAY	- / -
	22-May-1960 16:05:00	AUSTRALIA	0.3	-	TOWNSVILLE, QUEENSLAND	19.27° S / 146.83° E

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	26-Dec-2004 00:00:00	AUSTRALIA	0.25	-	ROSSLYN BAY	23.16° S / 150.79° E
	07-Oct-2009 04:50:00	AUSTRALIA	0.12	-	ROSSLYN BAY	23.16° S / 150.79° E
	01-Apr-2007 01:35:00	AUSTRALIA	0.11	-	CAPE FERGUSON	19.28° S / 147.06° E





Source: [Tsunamis](#)

Wildfires:

5 Largest Wildfires				
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	25-Dec-2002 00:00:00 - 02-Jan-2003 00:00:00	74.00	Australia	21.81° S / 145.71° E
	01-Nov-2008 12:50:00 - 26-Dec-2008 12:55:00	45.90	Australia	20.89° S / 147.54° E
	07-Oct-2005 00:00:00 - 07-Jan-2006 00:00:00	38.60	Australia	20.87° S / 148.44° E
	09-Oct-2005 00:00:00 - 07-Jan-2006 00:00:00	34.10	Australia	22.66° S / 147.3° E
	24-Dec-2002 00:00:00 - 09-Jan-2003 00:00:00	33.40	Australia	18.32° S / 145.61° E

Source: [Wildfires](#)

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
	ULUI	11-Mar-2010 18:00:00 - 20-Mar-2010 06:00:00	161	No Data	Southern Pacific	16.86° S / 157.35° E
	HAMISH	06-Mar-2009 00:00:00 - 12-Mar-2009 00:00:00	150	No Data	Southern Pacific	19.3° S / 151.45° E
	1989-03-29	29-Mar-1989 18:00:00 - 04-Apr-1989 18:00:00	138	No Data	Southern Pacific	15.67° S / 151.6° E
	YASI	02-Feb-2011 12:00:00 - 02-Feb-2011 12:00:00	135	No Data	Southern Pacific	- / -

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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