

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:

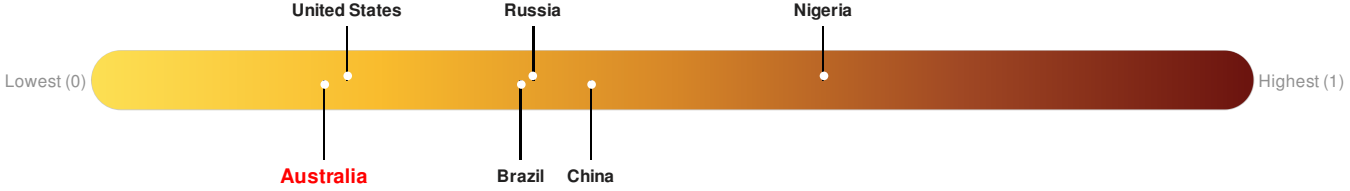
Active Wild Fire				
Event	Severity	Date (UTC)	Name	Lat/Long
		18-Apr-2018 04:00:50	Wildfire - SE of Kununurra, Western Australia - Australia	16.68° S / 130.41° E

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.

Australia ranks **154** out of **165** countries assessed for Lack of Resilience. Australia is less resilient than 7% of countries assessed. This indicates that Australia has very low susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.



Source: [PDC](#)

Regional Overview

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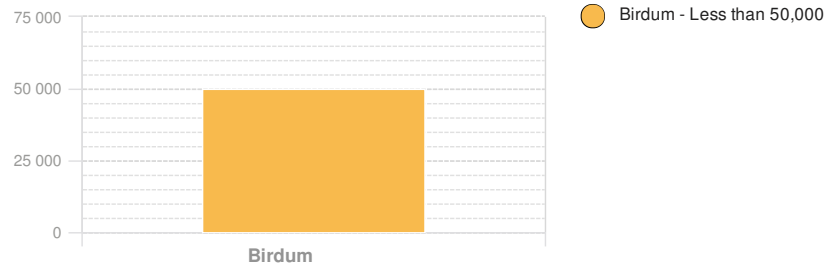
Population Data:

Populated Areas:

2011

Total: 40,680

Max Density: 1,876 (ppl/km²)



Source: [iSciences](#)

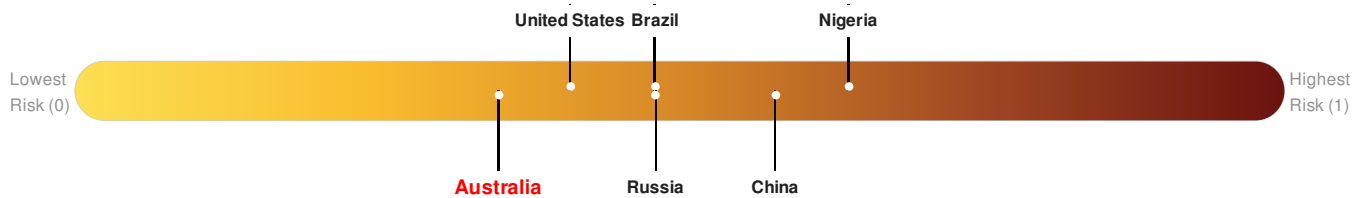
Risk & Vulnerability

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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

Multi-Hazard Exposure **Australia** ranks 142 out of 165 countries assessed for Multi Hazard Risk. Australia has a Multi Hazard Risk higher than 14% of countries assessed. This indicates that Australia has less likelihood of loss and/or disruption to normal function if exposed to a hazard.

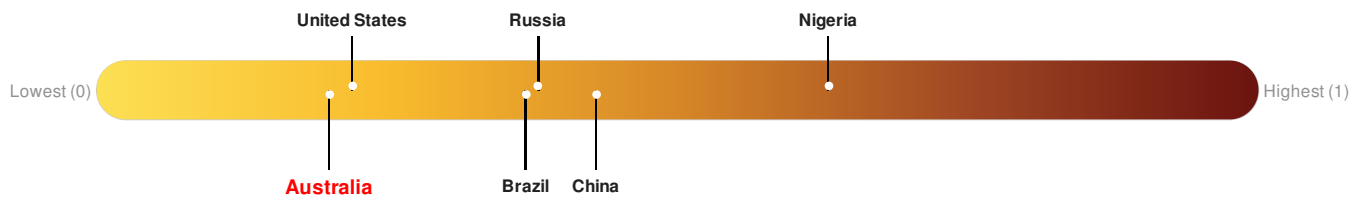


Source: [PDC](#)

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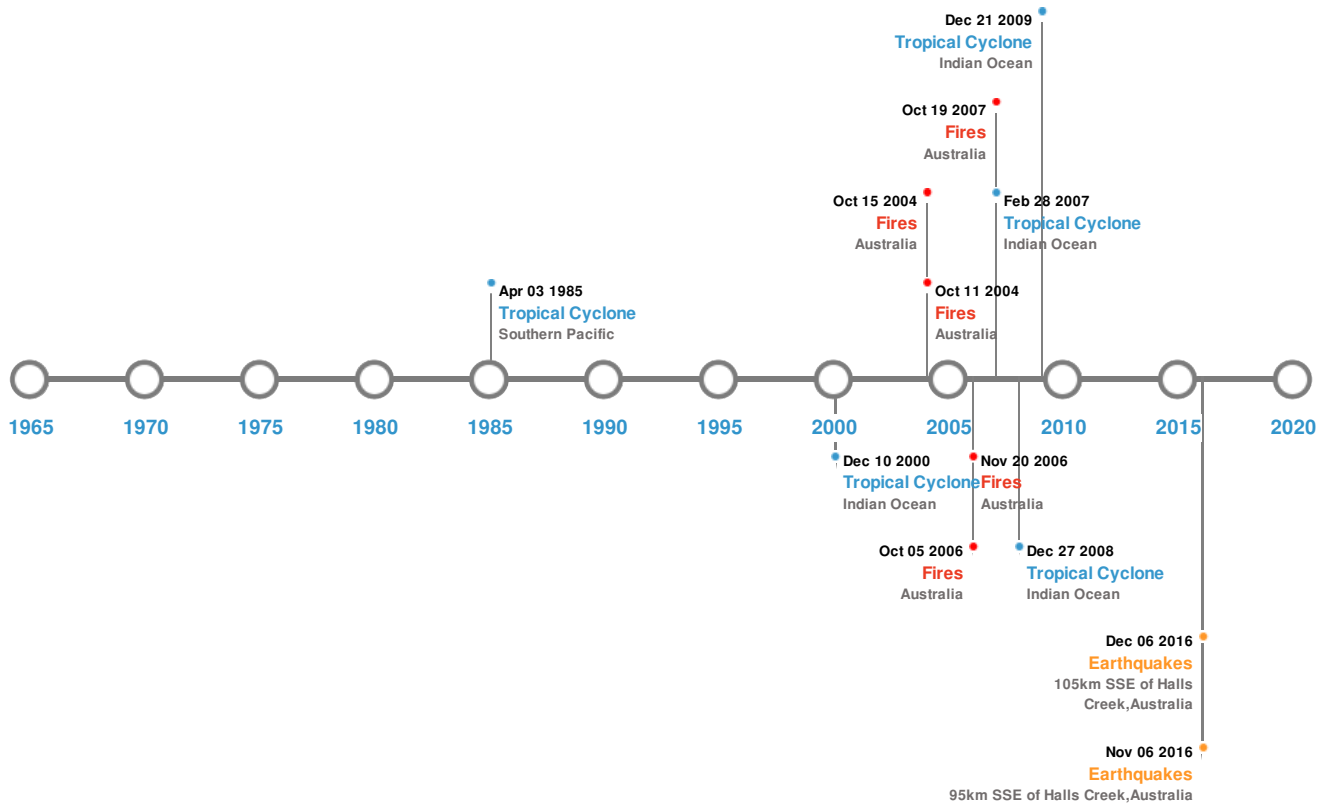


Source: [PDC](#)

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
	06-Aug-2017 04:21:51	4.90	14.25	105km SSE of Halls Creek, Australia	19.16° S / 128.09° E
	06-Nov-2016 09:54:32	4.80	10.61	95km SSE of Halls Creek, Australia	19.1° S / 128° E

Source: [Earthquakes](#)

Wildfires:

5 Largest Wildfires






Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	09-Oct-2007 00:00:00 - 19-Oct-2007 00:00:00	132.90	Australia	17.76° S / 132.76° E
	04-Sep-2004 00:00:00 - 11-Oct-2004 00:00:00	119.50	Australia	13.7° S / 133.62° E
	27-Sep-2006 00:00:00 - 05-Oct-2006 00:00:00	92.90	Australia	14.2° S / 132.37° E
	14-Nov-2006 00:00:00 - 20-Nov-2006 00:00:00	88.40	Australia	19.25° S / 130.53° E

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	20-Sep-2004 00:00:00 - 15-Oct-2004 00:00:00	87.40	Australia	13.55° S / 133.16° 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
	1985-03-19	19-Mar-1985 12:00:00 - 03-Apr-1985 12:00:00	138	No Data	Southern Pacific	14.63° S / 122.95° E
	LAURENCE	13-Dec-2009 18:00:00 - 21-Dec-2009 12:00:00	132	No Data	Indian Ocean	16.32° S / 124.2° E
	GEORGE	04-Mar-2007 00:00:00 - 09-Mar-2007 00:00:00	127	No Data	Indian Ocean	18.25° S / 123.95° E
	2000-12-03	03-Dec-2000 06:00:00 - 10-Dec-2000 12:00:00	127	No Data	Indian Ocean	16.57° S / 124.6° E
	BILLY	19-Dec-2008 00:00:00 - 27-Dec-2008 18:00:00	121	No Data	Indian Ocean	16.47° S / 120.8° E

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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