



Region Selected » Lower Left Latitude/Longitude: -22.111148876 N°, 122.153431989 E°
 Upper Right Latitude/Longitude: -16.111148876 N°, 128.153431989 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:

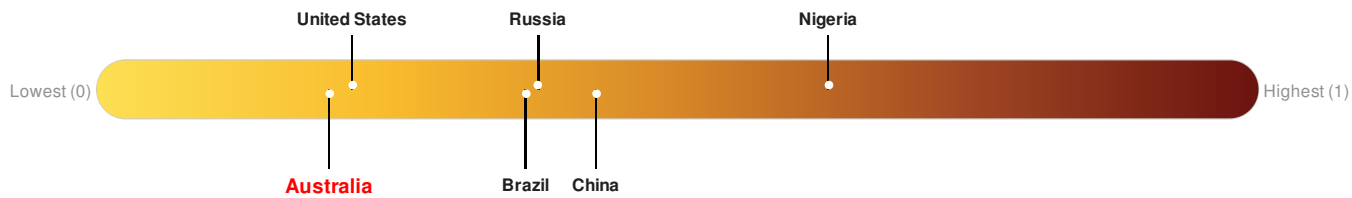
Active Wild Fire

Event	Severity	Date (UTC)	Name	Lat/Long
		24-Sep-2017 04:07:15	Wildfire - SE of Derby, Western Australia - Australia	19.11° S / 125.15° 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

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Population Data:

Populated Areas:

No significant land or population areas exist within the current map extent.

Total: 28,478

Max Density: 5,024 (ppl/km²)

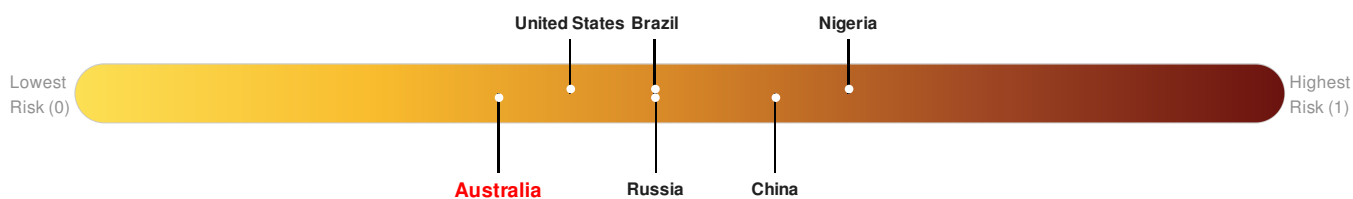
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

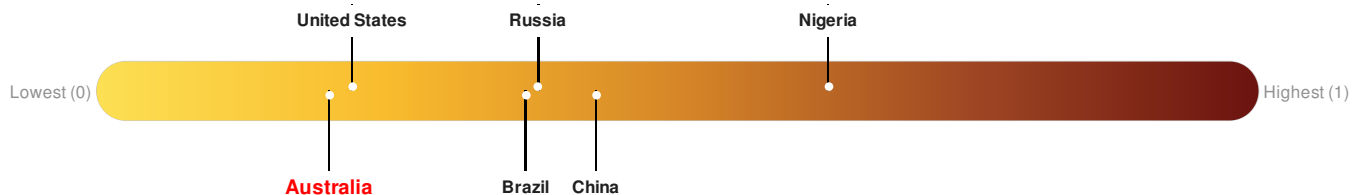
Australia ranks 142 out of 165 on the Multi-Hazard Risk Index with a score of 0.35. Australia is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

Lack of Resilience Index:

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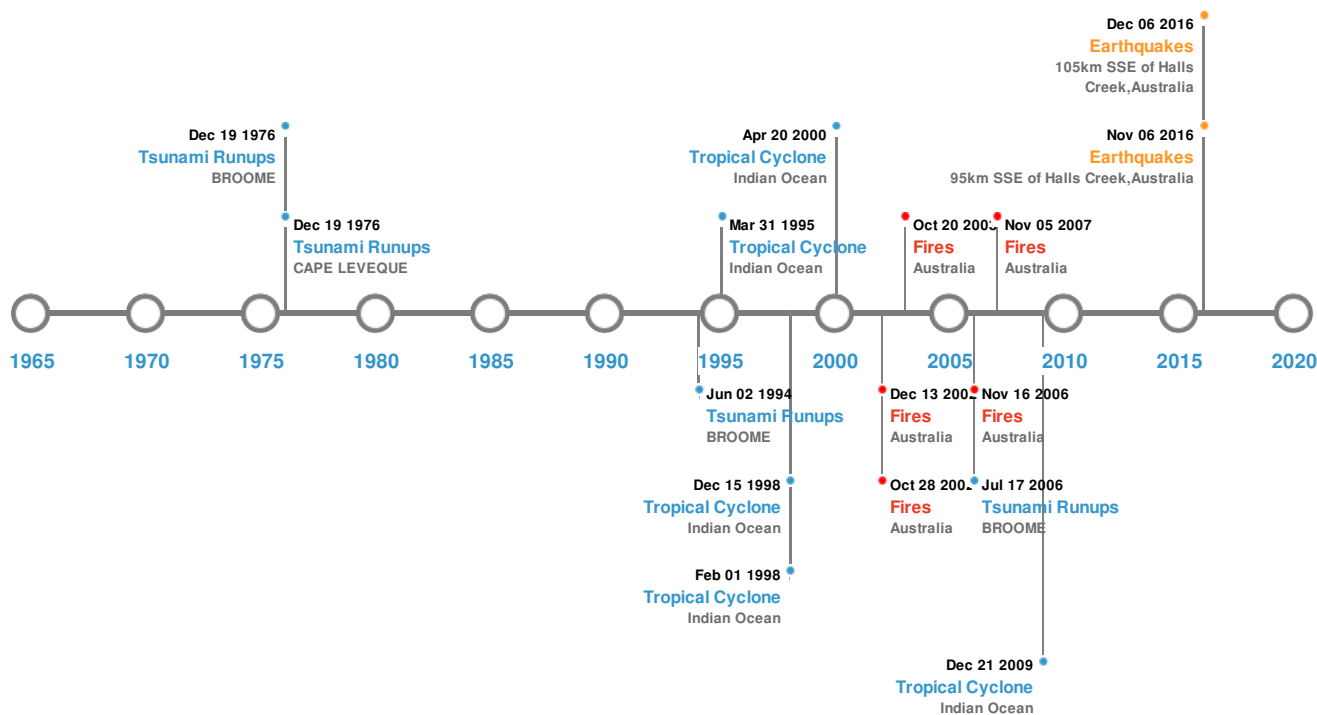
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Source: [PDC](#)

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
	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](#)

Tsunami Runups:




5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	19-Aug-1977 00:00:00	AUSTRALIA	6	-	CAPE LEVEQUE	16.24° S / 122.56° E
	17-Jul-2006 13:02:00	AUSTRALIA	-	-	BROOME	17.92° S / 122.22° E
	02-Jun-1994 00:00:00	AUSTRALIA	-	-	BROOME	18° S / 122.22° E
	19-Aug-1977 00:00:00	AUSTRALIA	-	-	BROOME	17.92° S / 122.22° E

Source: [Tsunamis](#)

Wildfires:


5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	14-Jan-2002 00:00:00 - 13-Dec-2002 00:00:00	124.70	Australia	20.44° S / 126.24° E
	27-Aug-2006 00:00:00 - 16-Nov-2006 00:00:00	86.40	Australia	16.46° S / 127.38° E
	01-Aug-2007 00:00:00 - 05-Nov-2007 00:00:00	74.60	Australia	16.23° S / 125.18° E
	09-Oct-2003 00:00:00 - 20-Oct-2003 00:00:00	68.60	Australia	16.54° S / 124.66° E
	24-Jan-2002 00:00:00 - 28-Oct-2002 00:00:00	63.20	Australia	20.51° S / 126.83° 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
	1998-12-04	04-Dec-1998 06:00:00 - 15-Dec-1998 00:00:00	155	No Data	Indian Ocean	14.83° S / 126.75° E
	2000-04-16	17-Apr-2000 00:00:00 - 20-Apr-2000 18:00:00	144	No Data	Indian Ocean	17.06° S / 123.2° E
	1995-03-29	30-Mar-1995 00:00:00 - 09-Apr-1995 00:00:00	144	No Data	Indian Ocean	14.18° S / 126.1° E
	1998-01-22	22-Jan-1998 18:00:00 - 01-Feb-1998 06:00:00	138	No Data	Indian Ocean	18.4° S / 115.1° 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

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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