




Region Selected » Lower Left Latitude/Longitude: -32.7721779 N° , 121.62849333 E°
 Upper Right Latitude/Longitude: -26.7721779 N° , 127.62849333 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.

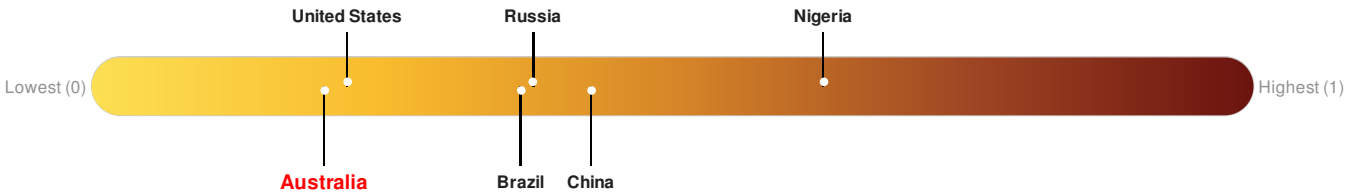
Current Hazards:

Active Wild Fire				
Event	Severity	Date (UTC)	Name	Lat/Long
		08-Dec-2016 03:47:45	Wildfire - SE of Laverton, Western Australia - Australia	29.77° S / 124.63° E
		08-Dec-2016 03:47:45	Wildfire - E of Norseman, Western Australia - Australia	32.12° S / 126.19° 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:

2011

Total: 5,445

Max Density: 790(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.

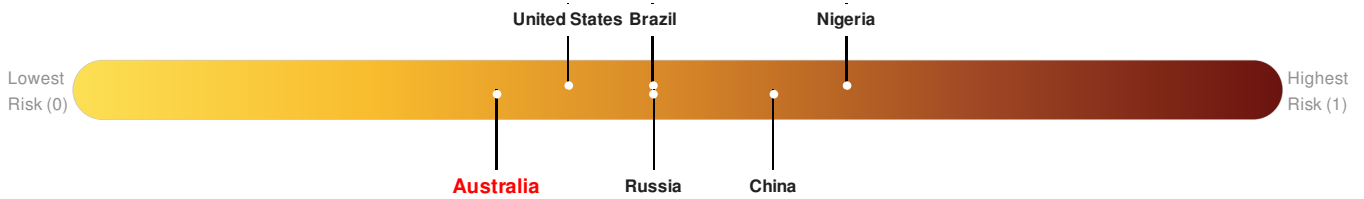
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

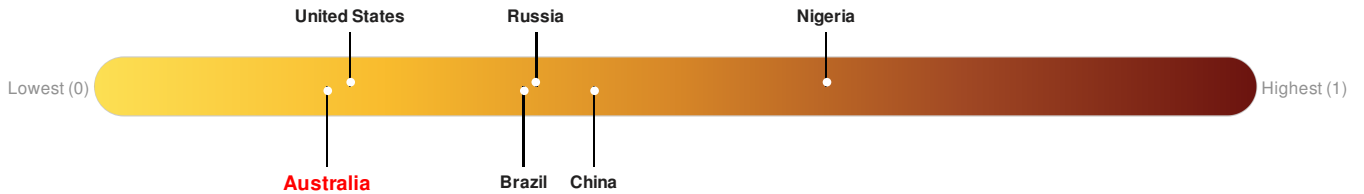
Australia ranks 142 out of 165 on the Multi-Hazard Risk Index with a score of 0.35. Australia is estimated to have relatively high overall exposure, low vulnerability, and very high coping capacity.



Source: [PDC](#)

Lack of Resilience Index:

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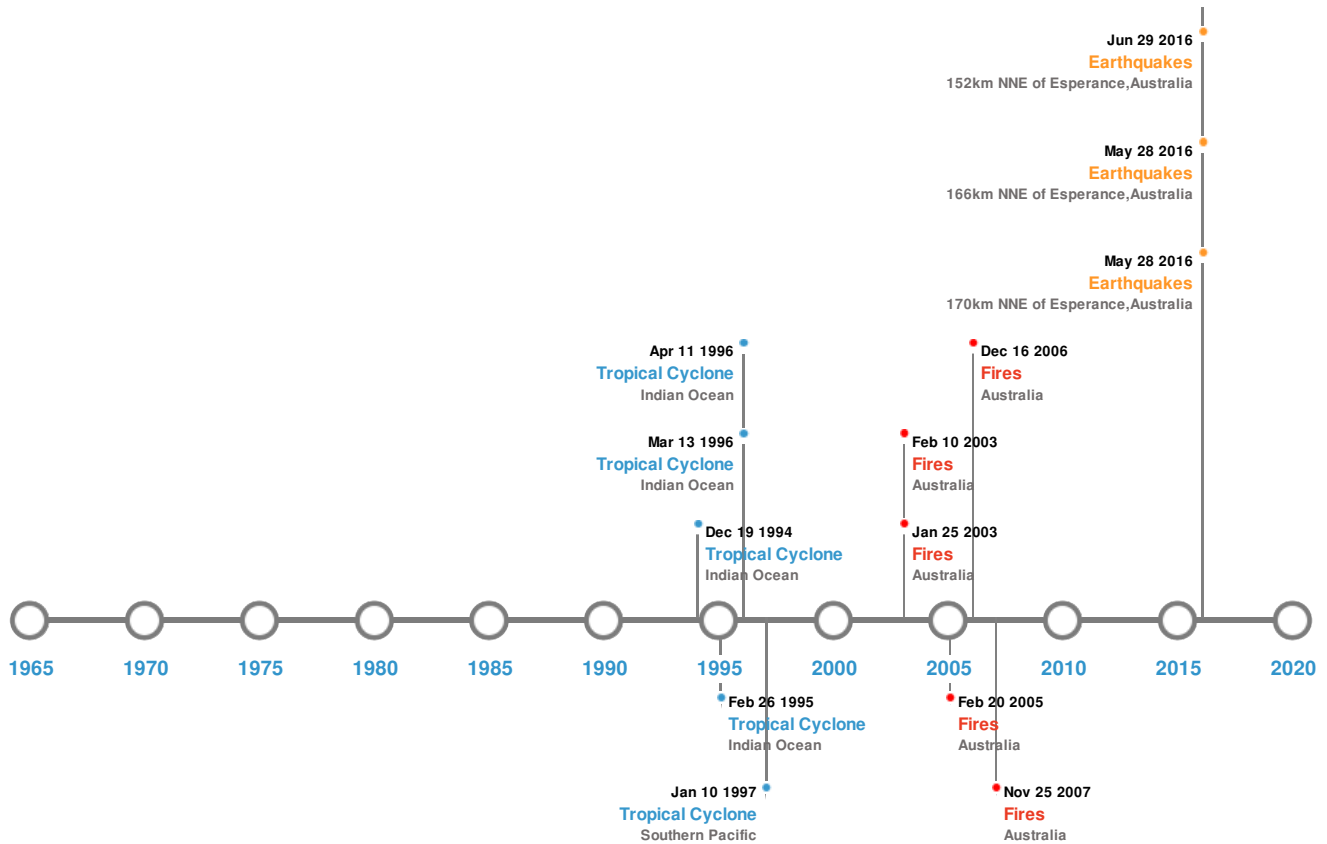
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Source: [PDC](#)

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
	08-Jul-2016 09:40:51	5.20	10	152km NNE of Esperance, Australia	32.54° S / 122.35° E
	28-May-2016 16:38:44	4.80	8.69	166km NNE of Esperance, Australia	32.43° S / 122.44° E
	28-May-2016 15:30:26	4.80	9.74	170km NNE of Esperance, Australia	32.4° S / 122.42° E

Source: [Earthquakes](#)

Wildfires:

5 Largest Wildfires






Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	10-Jan-2003 00:00:00 - 11-Feb-2003 00:00:00	196.70	Australia	32.44° S / 122.3° E
	10-Jan-2003 00:00:00 - 26-Jan-2003 00:00:00	192.60	Australia	32.44° S / 122.32° E
	30-Jan-2005 00:00:00 - 21-Feb-2005 00:00:00	81.80	Australia	31.58° S / 123.71° E

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	29-Nov-2006 00:00:00 - 17-Dec-2006 00:00:00	57.60	Australia	32.17° S / 123.51° E
	19-Nov-2007 00:00:00 - 26-Nov-2007 00:00:00	50.50	Australia	29.76° S / 123.36° 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
	1996-04-03	03-Apr-1996 18:00:00 - 11-Apr-1996 18:00:00	144	No Data	Indian Ocean	19.3° S / 123.9° E
	1994-12-10	10-Dec-1994 06:00:00 - 19-Dec-1994 18:00:00	127	No Data	Indian Ocean	19.5° S / 119.55° E
	1995-02-18	18-Feb-1995 06:00:00 - 27-Feb-1995 06:00:00	127	No Data	Indian Ocean	20.59° S / 124.1° E
	1996-03-06	06-Mar-1996 12:00:00 - 14-Mar-1996 06:00:00	115	No Data	Indian Ocean	23.66° S / 124.05° E
	1996-12-30	01-Jan-1997 00:00:00 - 11-Jan-1997 06:00:00	92	No Data	Southern Pacific	20.49° S / 126.05° 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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