





**Region Selected »** Lower Left Latitude/Longitude: -35.22744609 N° , 117.986892809 E°  
Upper Right Latitude/Longitude: -29.22744609 N° , 123.986892809 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:

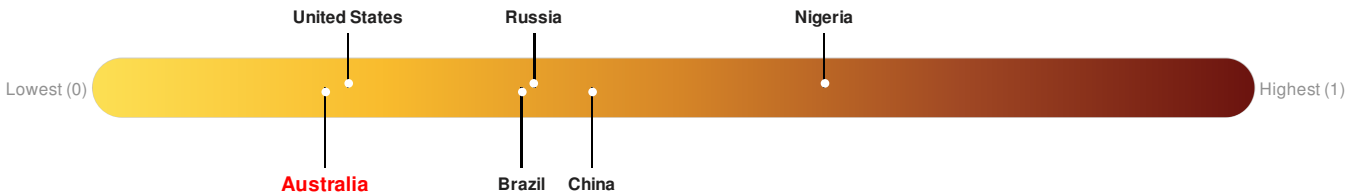
Active Wild Fire				
Event	Severity	Date (UTC)	Name	Lat/Long
		14-Jan-2018 04:01:32	Wildfire - W of Norseman, Western Australia - Australia	32.23° S / 120.99° E
		04-Jan-2018 03:52:51	Wildfire - E of Esperance, Western Australia - Australia	33.29° S / 123.47° E

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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apply for access, please [register here](#). Validation of registration information may take 24-48 hours.

## Population Data:

2011

Total: 72, 645

Max Density: 2, 160(ppl/km<sup>2</sup>)

## 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](#)

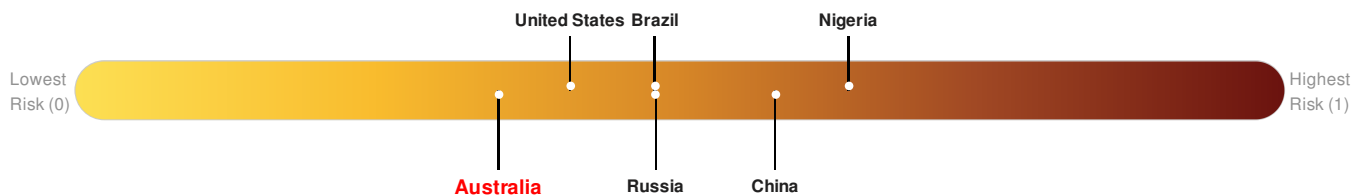
### Risk & Vulnerability

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## Multi Hazard Risk Index:

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.

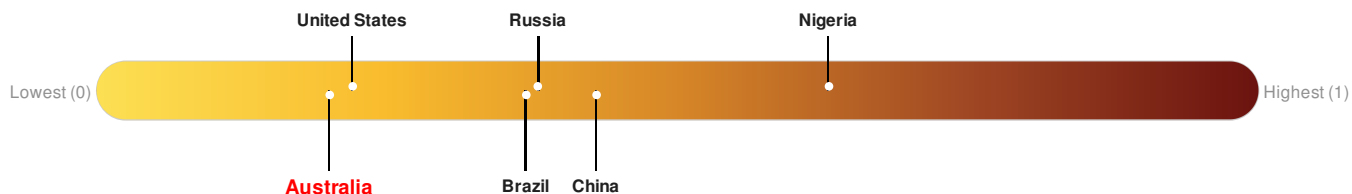


Source: [PDC](#)

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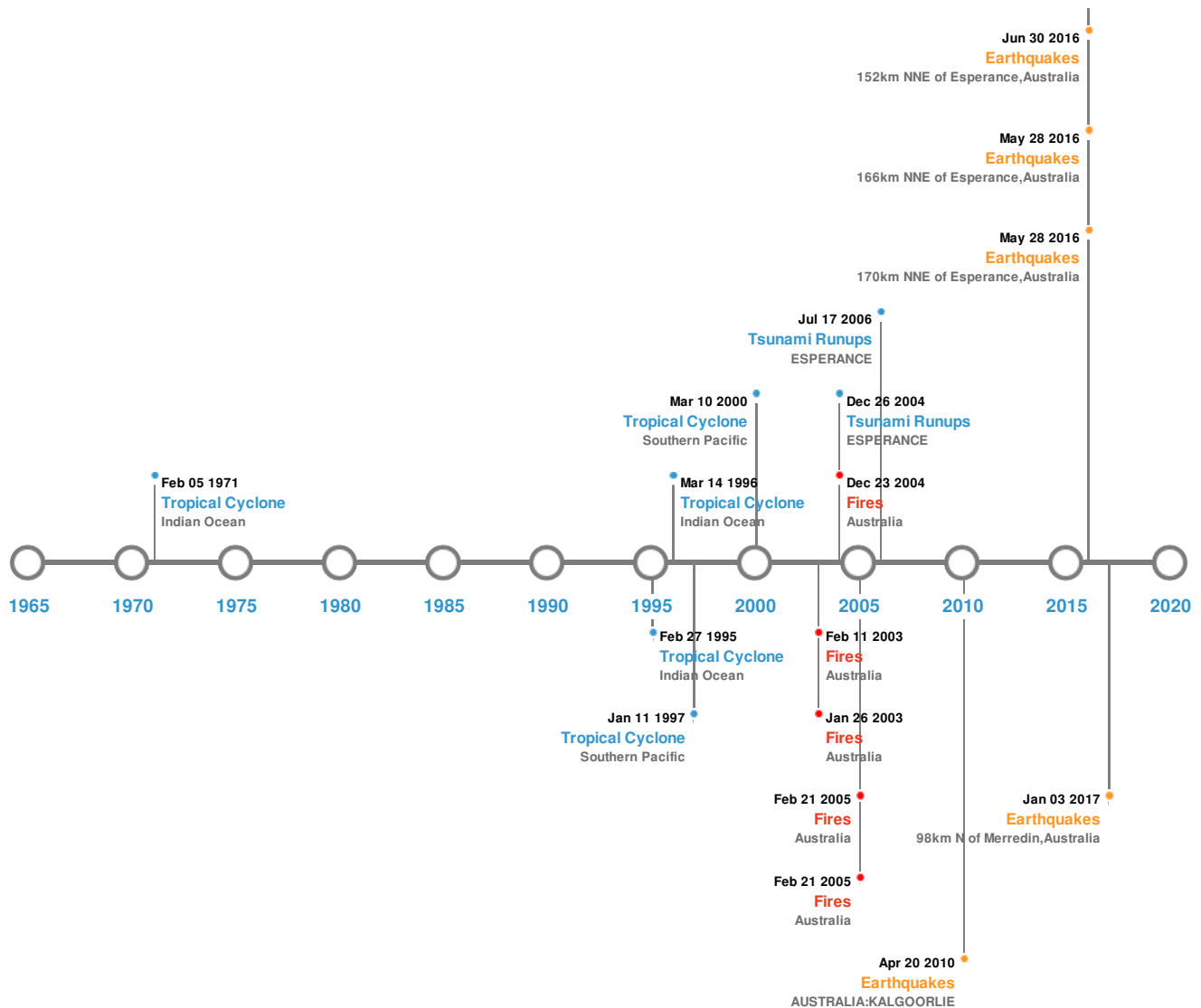


Source: [PDC](#)

## 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
	08-Jul-2016 09:40:51	5.20	10	152km NNE of Esperance, Australia	32.54° S / 122.35° E
	20-Apr-2010 00:00:00	5.20	-	AUSTRALIA: KALGOORLIE	30.79° S / 121.41° 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
	03-Jan-2017 15:30:19	4.50	10	98km N of Merredin, Australia	30.61° S / 118.45° E






Source: [Earthquakes](#)

Tsunami Runups:

5 Largest Tsunami Runups						
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	26-Dec-2004 08:57:00	AUSTRALIA	0.8	-	ESPERANCE	33.87° S / 121.9° E
	17-Jul-2006 14:35:00	AUSTRALIA	-	-	ESPERANCE	33.87° S / 121.9° E






Source: [Tsunamis](#)

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
	16-Dec-2004 00:00:00 - 23-Dec-2004 00:00:00	98.80	Australia	31.6° S / 120.47° E
	07-Jan-2005 00:00:00 - 21-Feb-2005 00:00:00	94.20	Australia	33.02° S / 124.02° E
	30-Jan-2005 00:00:00 - 21-Feb-2005 00:00:00	81.80	Australia	31.58° S / 123.71° 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
	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
	1971-01-29	29-Jan-1971 06:00:00 - 05-Feb-1971 18:00:00	81	No Data	Indian Ocean	23.67° S / 119° E
	2000-02-25	25-Feb-2000 12:00:00 - 10-Mar-2000 18:00:00	75	No Data	Southern Pacific	22.62° S / 131.9° 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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