



**Region Selected »** Lower Left Latitude/Longitude: -33.789255464 N° , 146.314536367 E°  
 Upper Right Latitude/Longitude: -27.789255464 N° , 152.314536367 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:

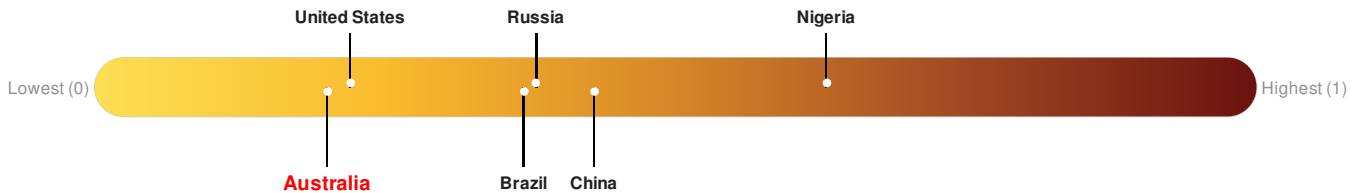
| Active Wild Fire   |   |                      |  |                      |
|--|---|----------------------|--|----------------------|
| Event  | Severity  | Date (UTC)           | Name   | Lat/Long             |
|  |  | 18-Jan-2018 03:55:45 | Wildfire - SW of Narrabri, New South Wales - Australia | 30.79° S / 149.31° 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

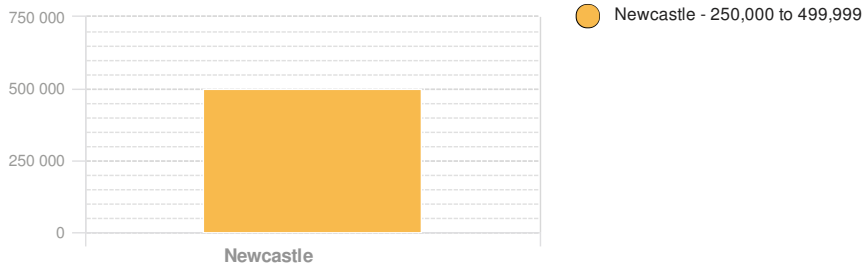
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## Population Data:

## Populated Areas:

2011

Total: 2,640,176  
Max Density: 10,727 (ppl/km<sup>2</sup>)



Source: [iSciences](#)

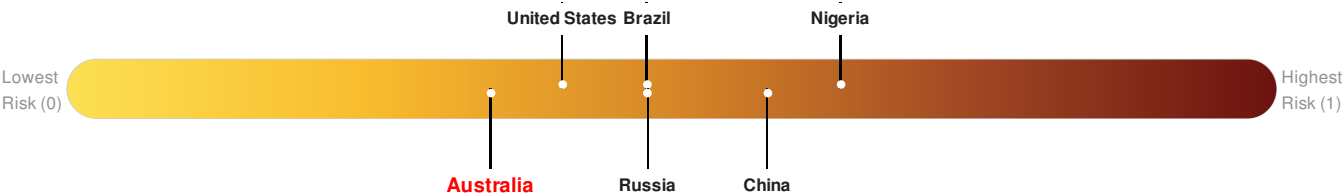
Risk & Vulnerability

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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.

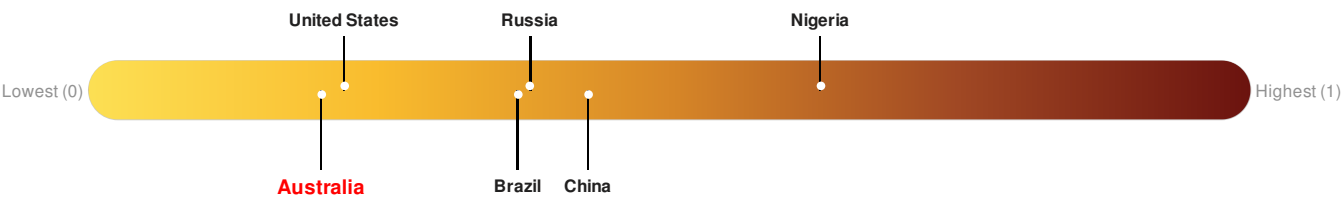


Source: [PDC](#)

Lack of Resilience Index:

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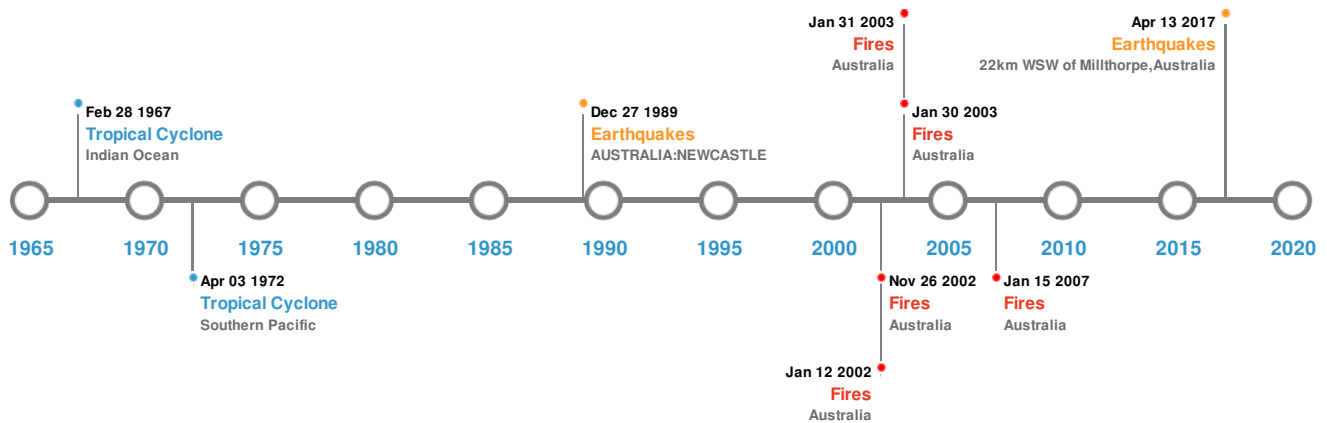


Source: [PDC](#)

## 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             |
|---|----------------------|-----------|------------|-----------------------------------|----------------------|
|  | 27-Dec-1989 00:23:00 | 5.40      | 10         | AUSTRALIA: NEWCASTLE              | 32.97° S / 151.62° E |
|  | 13-Apr-2017 16:31:06 | 4.20      | 12.67      | 22km WSW of Millthorpe, Australia | 33.54° S / 148.97° E |

Source: [Earthquakes](#)

### Tsunami Runups:






#### 5 Largest Tsunami Runups

| Event   | Date (UTC)           | Country   | Runup (m) | Deaths | Location  | Lat/Long             |
|---|----------------------|-----------|-----------|--------|-----------|----------------------|
|  | 13-Aug-1868 00:00:00 | AUSTRALIA | 1         | -      | NEWCASTLE | 32.93° S / 151.78° E |
|  | 10-May-1877 00:00:00 | AUSTRALIA | 0.6       | -      | NEWCASTLE | 32.93° S / 151.78° E |
|  | 22-May-1960 12:00:00 | AUSTRALIA | 0.55      | -      | NEWCASTLE | 32.93° S / 151.78° E |

Source: [Tsunamis](#)

### Wildfires:






## 5 Largest Wildfires

| Event   | Start/End Date(UTC)                         | Size (sq. km.) | Location  | Mean Lat/Long        |
|---|---|----------------|-----------|----------------------|
|  | 18-Apr-2002 00:00:00 - 26-Nov-2002 00:00:00 | 242.60         | Australia | 29.55° S / 152.41° E |
|  | 01-Jan-2002 00:00:00 - 30-Jan-2003 00:00:00 | 207.70         | Australia | 33.18° S / 150.63° E |
|  | 29-Nov-2006 00:00:00 - 15-Jan-2007 00:00:00 | 109.70         | Australia | 30.78° S / 149.34° E |
|  | 13-Dec-2001 00:00:00 - 12-Jan-2002 00:00:00 | 101.50         | Australia | 33.31° S / 150.63° E |
|  | 07-Jan-2003 00:00:00 - 31-Jan-2003 00:00:00 | 80.90          | Australia | 33.18° S / 150.42° 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             |
|---|------------|---|----------------------|-------------------|------------------|----------------------|
|   | 1972-03-28 | 28-Mar-1972 06:00:00 - 03-Apr-1972 12:00:00 | 75                   | No Data           | Southern Pacific | 20.64° S / 155.25° E |
|  | 1967-03-03 | 03-Mar-1967 12:00:00 - 08-Mar-1967 06:00:00 | 46                   | No Data           | Indian Ocean     | 22.57° S / 135.55° E |
|  | 1963-05-06 | 06-May-1963 06:00:00 - 07-May-1963 12:00:00 | 40                   | No Data           | Southern Pacific | 28.68° S / 152.55° E |
|  | 1956-02-05 | 05-Feb-1956 18:00:00 - 10-Feb-1956 12:00:00 | No Data              | No Data           | Southern Pacific | 28.64° S / 150.8° E  |
|  | 1955-03-23 | 23-Mar-1955 18:00:00 - 06-Apr-1955 18:00:00 | No Data              | No Data           | Southern Pacific | 24.41° S / 158.1° 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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