 <b>Pacific Disaster Center</b> <i>Area Brief: General Executive Summary</i>	<b>HONOLULU</b> <b>18:06:30</b> 13 Aug 2018	<b>WASH.D.C.</b> <b>00:06:30</b> 14 Aug 2018	<b>ZULU</b> <b>04:06:30</b> 14 Aug 2018	<b>NAIROBI</b> <b>07:06:30</b> 14 Aug 2018	<b>BANGKOK</b> <b>11:06:30</b> 14 Aug 2018	<b>DARWIN</b> <b>13:36:30</b> 14 Aug 2018
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**Region Selected »** Lower Left Latitude/Longitude: -17.163575404 N° , 123.826709982 E°  
Upper Right Latitude/Longitude: -11.163575404 N° , 129.826709982 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:

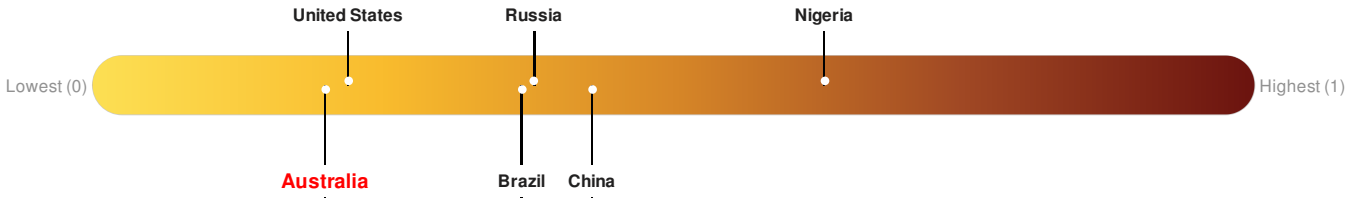
Active Wild Fire				
Event	Severity	Date (UTC)	Name	Lat/Long
		14-Aug-2018 04:03:16	Wildfire - NW of Wyndham, Western Australia - Australia	14.16° S / 126.83° E

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:

Total: 16,923  
Max Density: 1,876(ppl/km<sup>2</sup>)

Source: [iSciences](#)

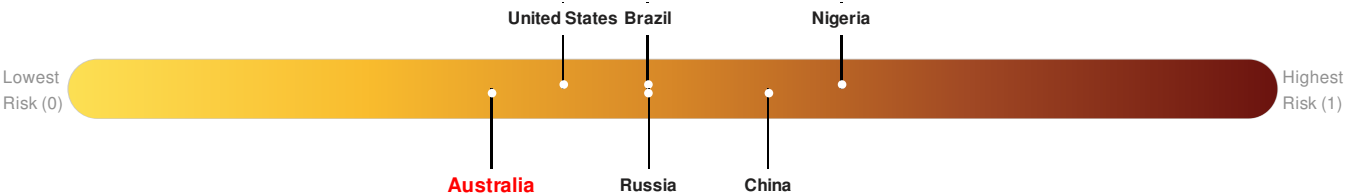
Risk & Vulnerability

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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.

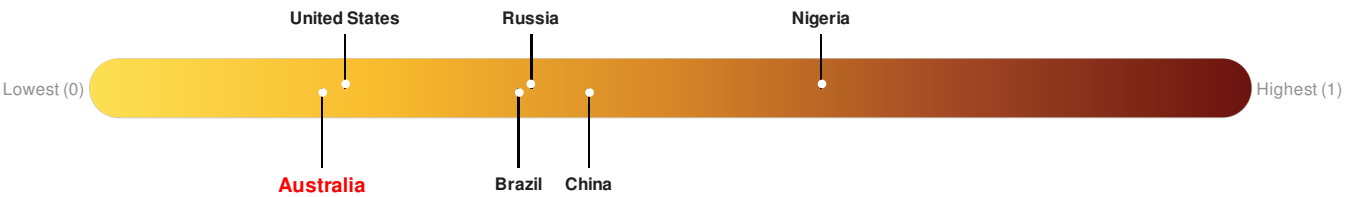


Source: [PDC](#)

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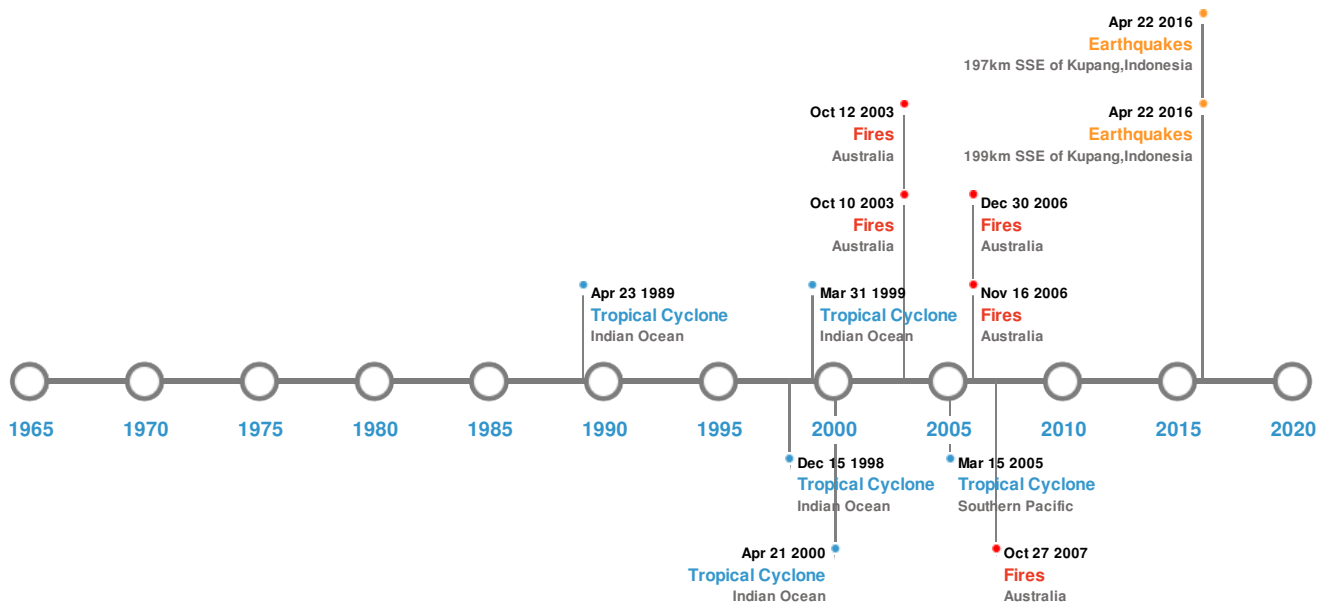


Source: [PDC](#)

## 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
	22-Apr-2016 18:28:11	4.40	46.6	197km SSE of Kupang, Indonesia	11.75° S / 124.42° E
	22-Apr-2016 18:28:10	4.40	45.53	199km SSE of Kupang, Indonesia	11.79° S / 124.39° E

Source: [Earthquakes](#)

### Wildfires:




#### 5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	08-Aug-2007 00:00:00 - 27-Oct-2007 00:00:00	228.40	Australia	15.42° S / 125.39° E
	08-Aug-2007 00:00:00 - 30-Aug-2007 00:00:00	176.80	Australia	15.45° S / 125.37° E
	27-Aug-2006 00:00:00 - 16-Nov-2006 00:00:00	86.40	Australia	16.46° S / 127.38° E
	08-Jul-2003 00:00:00 - 10-Oct-2003 00:00:00	79.10	Australia	15.53° S / 125.29° E
	31-May-2003 00:00:00 - 12-Oct-2003 00:00:00	77.60	Australia	15.26° S / 125.39° E

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
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Source: [Wildfires](#)

## Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	1989-04-16	16-Apr-1989 12:00:00 - 23-Apr-1989 06:00:00	161	No Data	Indian Ocean	17.61° S / 121.9° E
	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
	2000-04-11	11-Apr-2000 06:00:00 - 21-Apr-2000 12:00:00	150	No Data	Indian Ocean	14.38° S / 109.5° E
	INGRID	06-Mar-2005 18:00:00 - 15-Mar-2005 18:00:00	150	No Data	Southern Pacific	13.19° S / 137.9° E
	1999-04-03	03-Apr-1999 18:00:00 - 08-Apr-1999 06:00:00	150	No Data	Indian Ocean	17.31° S / 121.45° 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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