



**Pacific Disaster Center**  
*Area Brief: General  
 Executive Summary*

HONOLULU  
 18:15:40  
 17 Sep 2018

WASH.D.C.  
 00:15:40  
 18 Sep 2018

ZULU  
 04:15:40  
 18 Sep 2018

NAIROBI  
 07:15:40  
 18 Sep 2018

BANGKOK  
 11:15:40  
 18 Sep 2018

DARWIN  
 13:45:40  
 18 Sep 2018

**Region Selected** » Lower Left Latitude/Longitude: -16.833158861999998 N° , 129.56600484 E°  
 Upper Right Latitude/Longitude: -10.833158862 N° , 135.56600484 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

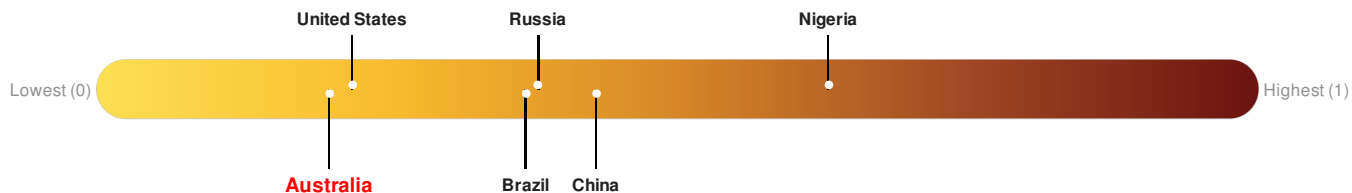
Event	Severity	Date (UTC)	Name	Lat/Long
		18-Sep-2018 04:14:44	Wildfire - NE of Katherine, Northern Territory - Australia	13.83° S / 132.57° E

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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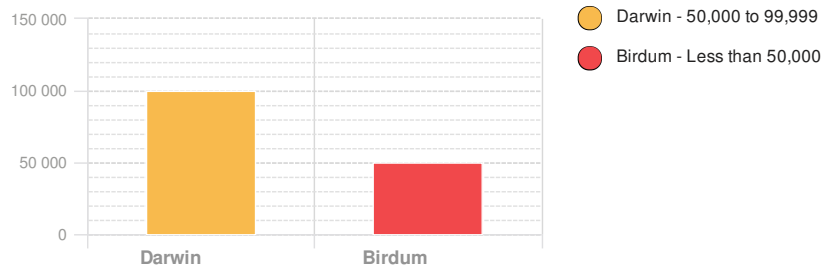
### Population Data:

### Populated Areas:

# 2011

Total: 157,044

Max Density: 4,744 (ppl/km<sup>2</sup>)



Source: [iSciences](#)

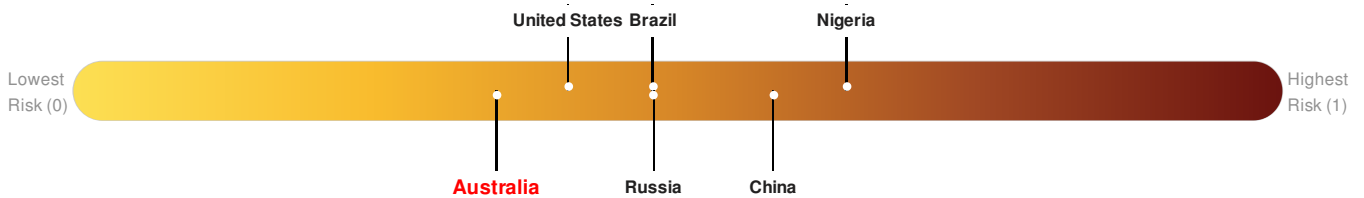
## Risk & Vulnerability

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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.

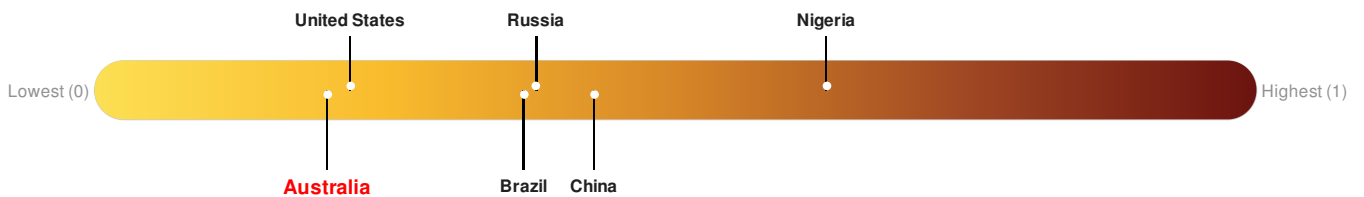


Source: [PDC](#)

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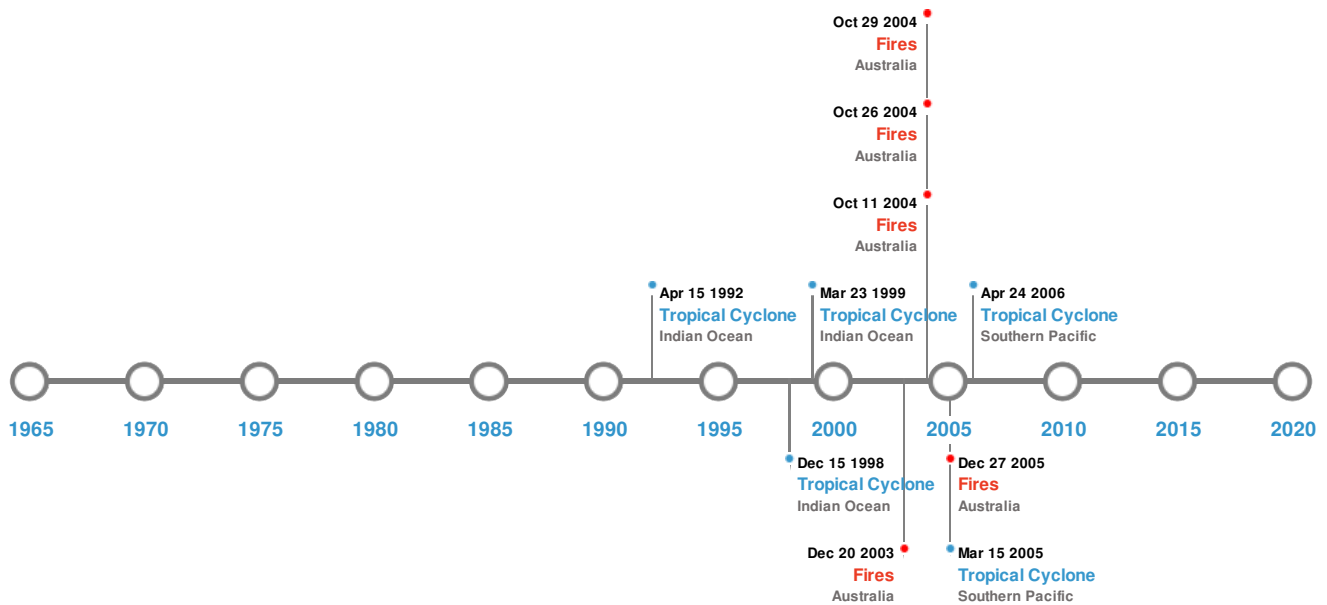


Source: [PDC](#)

## 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
	29-Jan-1899 00:00:00	0.00	-	AUSTRALIA: POINT CHARLES, DARWIN	12.4° S / 130.7° E

Source: [Earthquakes](#)

### Tsunami Runups:

#### 5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	29-Jan-1899 00:00:00	AUSTRALIA	1.8	-	POINT CHARLES	12.39° S / 130.63° E

Source: [Tsunamis](#)

### Wildfires:

#### 5 Largest Wildfires






Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	14-Jun-2004 00:00:00 - 26-Oct-2004 00:00:00	277.40	Australia	13.24° S / 133.44° E
	24-May-2006 00:00:00 - 27-Sep-2006 00:00:00	136.30	Australia	12.31° S / 133.46° E

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	12-Sep-2004 00:00:00 - 20-Sep-2004 00:00:00	123.90	Australia	15.58° S / 134.25° E
	27-Sep-2004 00:00:00 - 29-Oct-2004 00:00:00	119.90	Australia	12.85° S / 133.43° E
	04-Sep-2004 00:00:00 - 11-Oct-2004 00:00:00	119.50	Australia	13.7° S / 133.62° 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
	MONICA	17-Apr-2006 12:00:00 - 24-Apr-2006 18:00:00	178	No Data	Southern Pacific	12.89° S / 141.55° 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
	INGRID	06-Mar-2005 18:00:00 - 15-Mar-2005 18:00:00	150	No Data	Southern Pacific	13.19° S / 137.9° E
	1999-03-16	16-Mar-1999 06:00:00 - 23-Mar-1999 06:00:00	144	No Data	Indian Ocean	20.24° S / 123.3° E
	1992-04-04	05-Apr-1992 00:00:00 - 15-Apr-1992 06:00:00	138	No Data	Indian Ocean	11.4° S / 128.4° 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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