Pacific Disaster Center
Area Brief: General Executive Summary

HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	DILI
18:14:10	23:14:10	04:14:10	07:14:10	11:14:10	13:14:10
15 Nov 2018	15 Nov 2018	16 Nov 2018	16 Nov 2018	16 Nov 2018	16 Nov 2018

Region Selected » Lower Left Latitude/Longitude: -20.031080337 N˚ , 122.425041849 E˚
Upper Right Latitude/Longitude: -14.031080336999999 N˚ , 128.425041849 E˚

Legend

Population Density (person/sqkm)

0   170,000

Wildfire - E of Derby, Western Australia - Australia
Location: **Western Australia, Australia**
Severity Level: **Information**

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
🔥	ⓘ	16-Nov-2018 04:10:43	Wildfire - E of Derby, Western Australia - Australia	17.03° S / 125.43° 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 **164** 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 better able to respond to and recover from a disruption to normal function.

Lowest (0)   Highest (1)

United States   Russia   Nigeria

Australia   Brazil   China
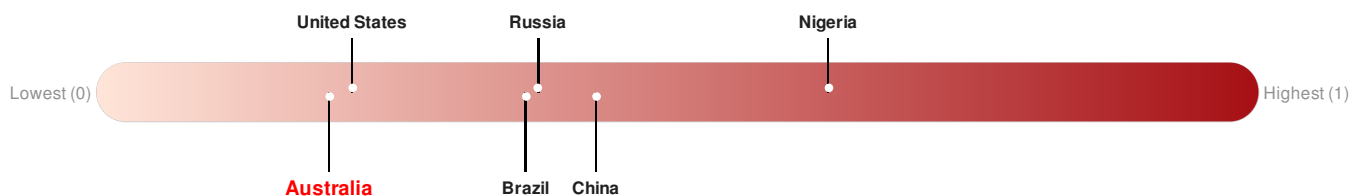
Source: PDC

Regional Overview

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.

Population Data: Populated Areas:

2011

Total: 20,771
Max Density: 1,499 (ppl/km^2)
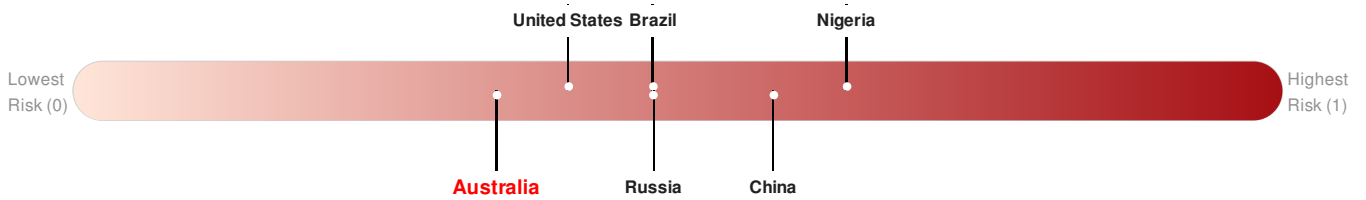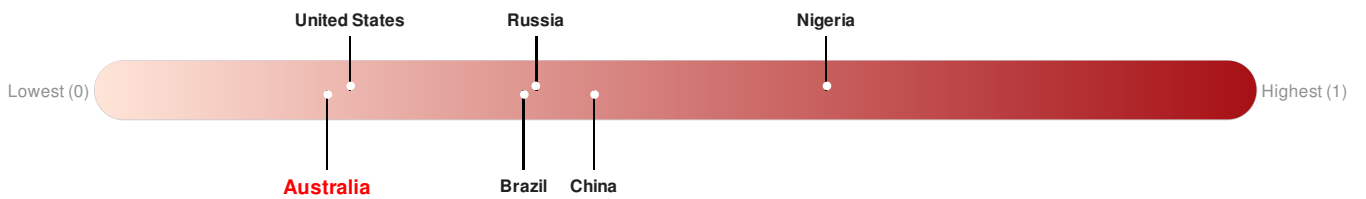
Source: iSciences

Risk & Vulnerability

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.

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

Australia ranks **86** out of **164** countries assessed for Multi Hazard Risk. Australia has a Multi Hazard Risk higher than 14% of countries assessed. This indicates that Australia has a low likelihood of loss and/or disruption to normal function if exposed to a hazard.

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 **164** 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 better able to respond to and recover from a disruption to normal function.
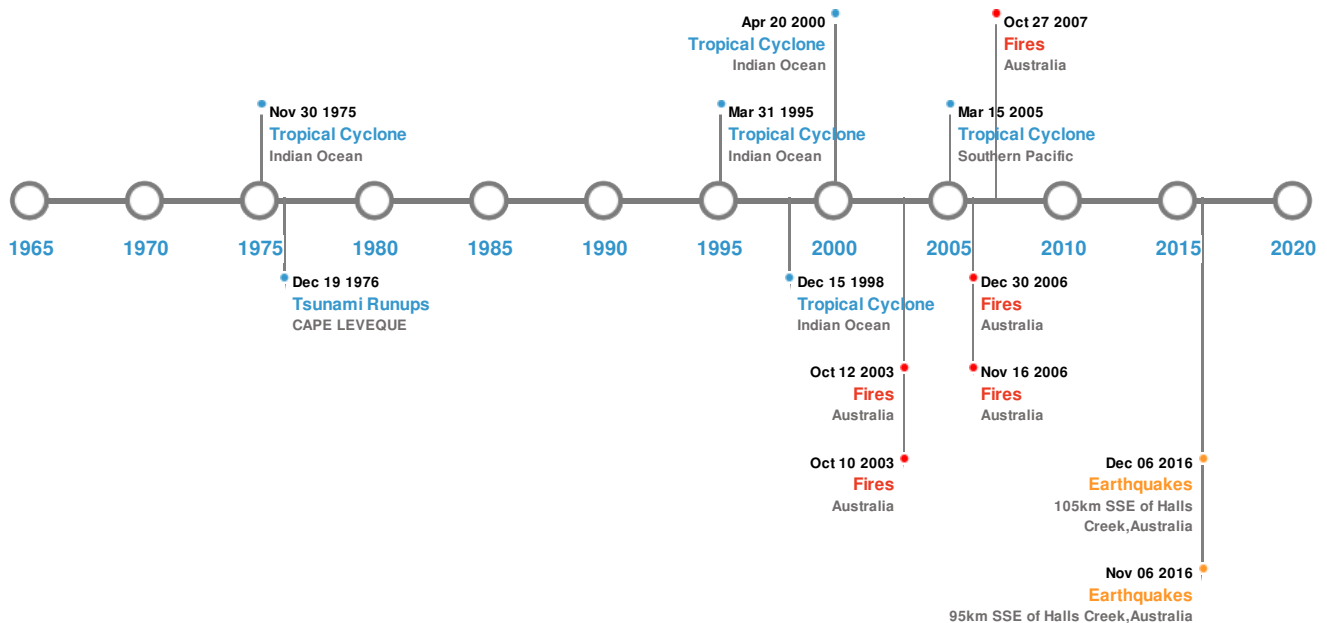

Source: PDC

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.

Historical Hazards:

Earthquakes:

	5 Largest Earthquakes (Resulting in significant damage or deaths)				
Event	**Date (UTC)**	**Magnitude**	**Depth (Km)**	**Location**	**Lat/Long**
	06-Aug-2017 04:21:51	4.90	14.25	105km SSE of Halls Creek, Australia	19.16° S / 128.09° E
	06-Nov-2016 09:54:32	4.80	10.61	95km SSE of Halls Creek, Australia	19.1° S / 128° E

Source: Earthquakes

Tsunami Runups:

	5 Largest Tsunami Runups					
Event	**Date (UTC)**	**Country**	**Runup (m)**	**Deaths**	**Location**	**Lat/Long**
	19-Aug-1977 00:00:00	AUSTRALIA	6	-	CAPE LEVEQUE	16.24° S / 122.56° E

Source: Tsunamis

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

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	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

Source: *Wildfires*

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	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
	1995-03-29	30-Mar-1995 00:00:00 - 09-Apr-1995 00:00:00	144	No Data	Indian Ocean	14.18° S / 126.1° E
	2000-04-16	17-Apr-2000 00:00:00 - 20-Apr-2000 18:00:00	144	No Data	Indian Ocean	17.06° S / 123.2° E
	1975-11-30	30-Nov-1975 06:00:00 - 09-Dec-1975 18:00:00	144	No Data	Indian Ocean	18.5° S / 122.55° E

Source: *Tropical Cyclones*