

HONOLULU 17:54:10 17 Nov 2017 WASH.D.C. 22:54:10 17 Nov 2017 ZULU 03:54:10 18 Nov 2017 NAIROBI 06:54:10 18 Nov 2017 BANGKOK 10:54:10 18 Nov 2017 EUCLA 12:39:10 18 Nov 2017

Region Selected » Lower Left Latitude/Longitude: -35.177712185 N°, 123.525339816 E° Upper Right Latitude/Longitude: -29.177712184999997 N°, 129.52533981599998 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 <u>register here</u>. Validation of registration information may take 24-48 hours.

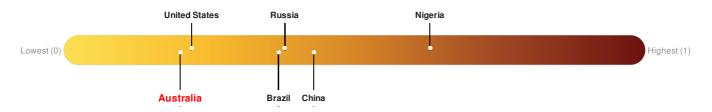
Current Hazards:

Active Wild Fire					
Event	Severity	Date (UTC)	Name	Lat/Long	
	1	18-Nov-2017 03:53:31	Wildfire - E of Norseman, Western Australia - Australia	32.18° S / 126.53° E	

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

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Regional Overview

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Population Data:

Total: 797

Max Density: 26(ppl/km²)

Source: iSciences

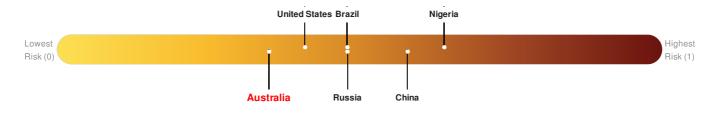
Risk & Vulnerability

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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.

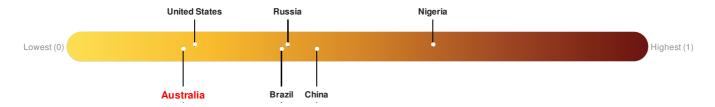


Source: PDC

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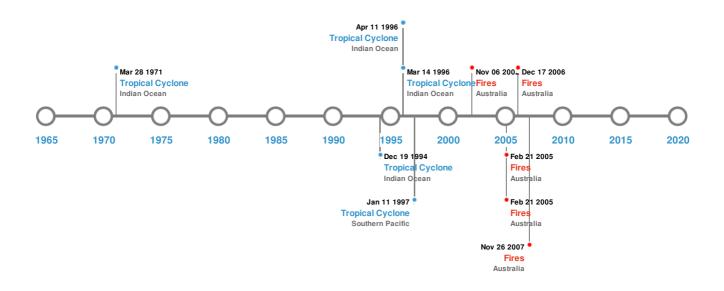


Source: PDC

Historical Hazards

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Historical Hazards:



Wildfires:

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
*	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		
*	29-Nov-2006 00:00:00 - 17-Dec-2006 00:00:00	57.60	Australia	32.17° S / 123.51° E		
*	19-Nov-2007 00:00:00 - 26-Nov-2007 00:00:00	50.50	Australia	29.76° S / 123.36° E		
	24-Oct-2002 00:00:00 - 06-Nov-2002 00:00:00	41.80	Australia	29.37° S / 124.1° 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
	1996-04- 03	03-Apr-1996 18:00:00 - 11-Apr-1996 18:00:00	144	No Data	Indian Ocean	19.3° S/123.9° E
	1994-12-	10-Dec-1994 06:00:00 - 19-Dec-1994				

Event	10 Name	18:00:00 Start/End Date(UTC)	Max Wind Speed (mph)	No Data Min Pressure (mb)	Indian Ocean Location	19.5° S / 119.55° E Lat/Long
	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
	1971-03- 23	23-Mar-1971 06:00:00 - 28-Mar-1971 18:00:00	52	No Data	Indian Ocean	24.31° S / 115.8° E

Source: Tropical Cyclones

Disclosures

* As defined by the source (<u>Dartmouth Flood Observatory</u>, 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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