



Pacific Disaster Center
Area Brief: General
Executive Summary

HONOLULU
 17:55:35
 10 Jan 2018

WASH.D.C.
 22:55:35
 10 Jan 2018

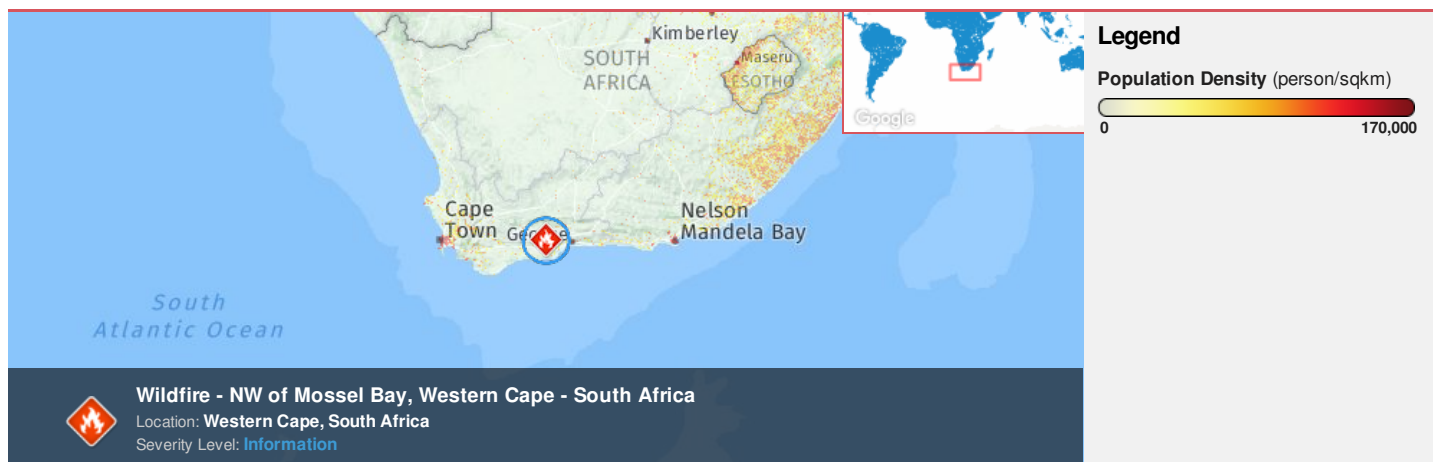
ZULU
 03:55:35
 11 Jan 2018

MASERU
 05:55:35
 11 Jan 2018

NAIROBI
 06:55:35
 11 Jan 2018

BANGKOK
 10:55:35
 11 Jan 2018

Region Selected » Lower Left Latitude/Longitude: -36.943947173 N° , 18.639860187 E°
 Upper Right Latitude/Longitude: -30.943947172999998 N° , 24.639860187 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

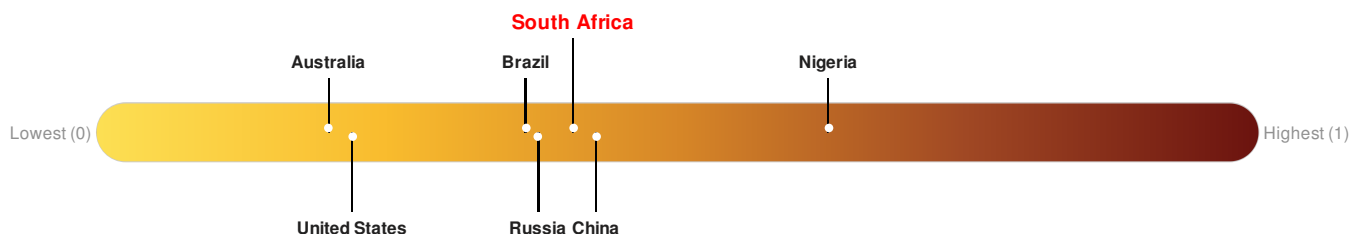
Event	Severity	Date (UTC)	Name	Lat/Long
		11-Jan-2018 03:53:20	Wildfire - NW of Mossel Bay, Western Cape - South Africa	33.94° S / 21.64° E

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.

South Africa ranks **89** out of **165** countries assessed for Lack of Resilience. South Africa is less resilient than 47% of countries assessed. This indicates that South Africa has medium 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:

2011

Total: 1,994,213

Max Density: 25,441 (ppl/km²)

Populated Areas:

No significant land or population areas exist within the current map extent. Please use <http://atlas.pdc.org/atlas/> for dynamic mapping capabilities.

Source: [iSciences](#)

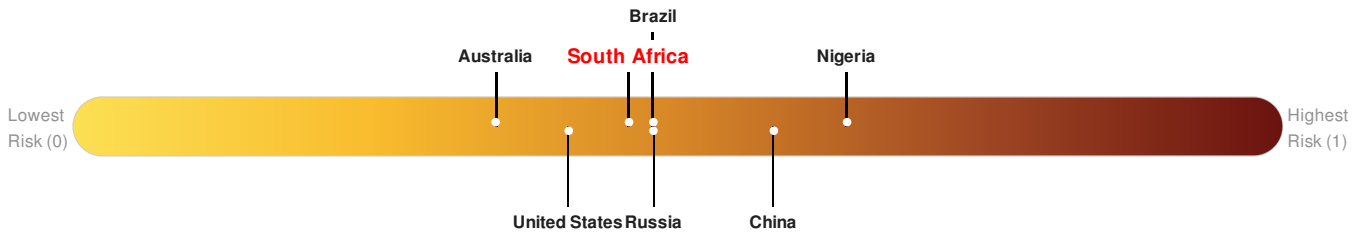
Risk & Vulnerability

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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 **South Africa** ranks **103** out of **165** countries assessed for Multi Hazard Risk. South Africa has a Multi Hazard Risk higher than 38% of countries assessed. This indicates that South Africa has less likelihood of loss and/or disruption to normal function if exposed to a hazard.

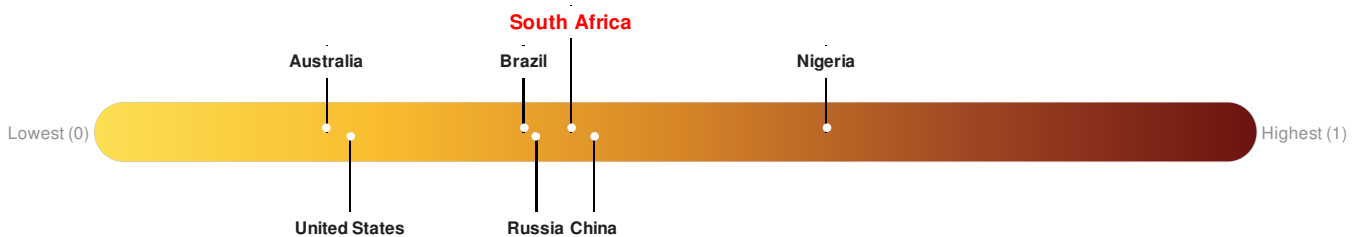


Source: [PDC](#)

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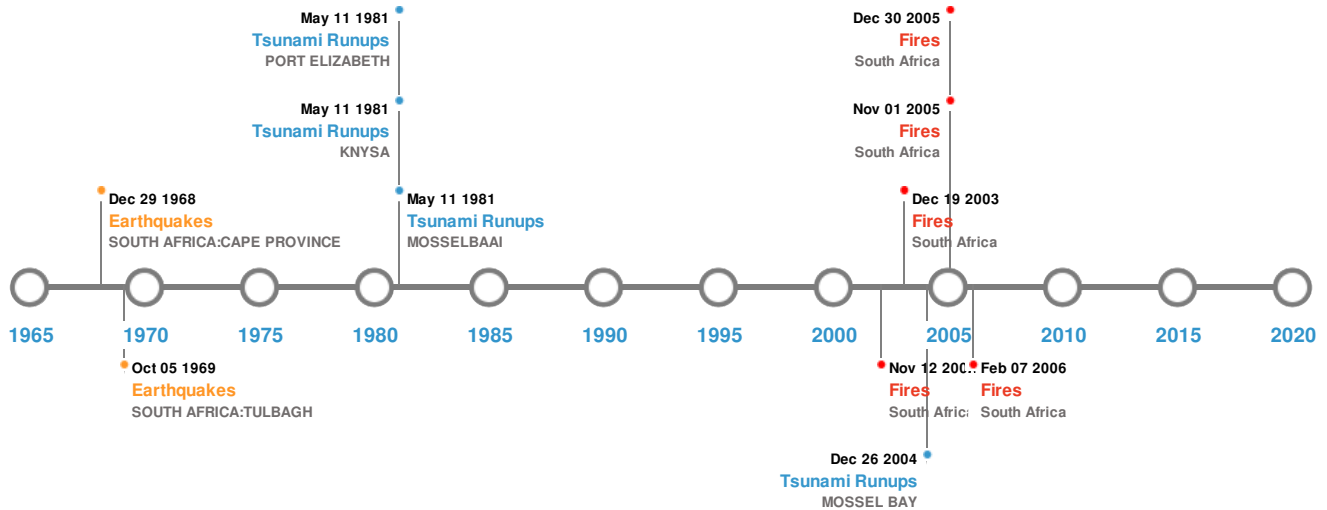


Source: [PDC](#)

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-Sep-1969 00:20:00	6.30	33	SOUTH AFRICA: CAPE PROVINCE	32.9° S / 19.7° E
	05-Oct-1969 00:01:00	5.80	33	SOUTH AFRICA: TULBAGH	33.1° S / 19.6° E

Source: [Earthquakes](#)

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	26-Dec-2004 14:01:00	SOUTH AFRICA	1.6	-	MOSSEL BAY	34.18° S / 22.14° E
	11-May-1981 11:40:00	SOUTH AFRICA	0.29	-	MOSSELBAAI	34.18° S / 22.15° E
	11-May-1981 14:35:00	SOUTH AFRICA	0.24	-	PORT ELIZABETH	33.97° S / 23.63° E
	11-May-1981 12:15:00	SOUTH AFRICA	0.21	-	KNYSA	34.07° S / 23.15° E

Source: [Tsunamis](#)

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	20-Jan-2006 00:00:00 - 07-Feb-2006 00:00:00	39.70	South Africa	34.51° S / 19.54° E
	21-Oct-2005 00:00:00 - 01-Nov-2005 00:00:00	27.60	South Africa	33.89° S / 23.6° E
	10-Oct-2002 00:00:00 - 12-Nov-2002 00:00:00	26.20	South Africa	33.58° S / 24.28° E
	26-Dec-2005 00:00:00 - 30-Dec-2005 00:00:00	21.70	South Africa	33.82° S / 19.11° E
	31-Jan-2003 00:00:00 - 19-Dec-2003 00:00:00	18.40	South Africa	33.96° S / 21.21° E

Source: [Wildfires](#)

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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