

HONOLULU 17:57:47 18 Sep 2018 WASH.D.C. 23:57:47 18 Sep 2018 ZULU 03:57:47 19 Sep 2018 BLANTYRE 05:57:47 19 Sep 2018 NAIROBI 06:57:47 19 Sep 2018 BANGKOK 10:57:47 19 Sep 2018

Region Selected » Lower Left Latitude/Longitude: -16.518486651 N°, 33.662090243 E° Upper Right Latitude/Longitude: -10.518486651 N°, 39.662090243 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)	Date (UTC) Name		
	0	19-Sep-2018 03:57:27	Wildfire - W of Marrupa, Niassa - Mozambique	13.52° S/36.66° E	
	•	17-Sep-2018 03:57:39	Wildfire - SE of Mulanje - Malawi	16.34° S/36.41° E	
	•	17-Sep-2018 03:57:39	Wildfire - SE of Ligonha, Nampula - Mozambique	15.44° S/38.11° E	

Source: PDC

Lack of Resilience Index:

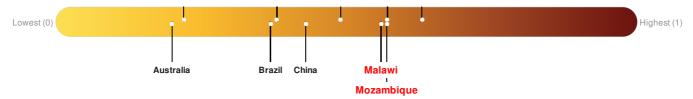
The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Malawi ranks 33 out of 164 countries assessed for Lack of Resilience. Malawi is less resilient than 80% of countries assessed. This indicates that Malawi has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Mozambique ranks 29 out of 164 countries assessed for Lack of Resilience. Mozambique is less resilient than 83% of countries assessed. This indicates that Mozambique has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Tanzania ranks 29 out of 164 countries assessed for Lack of Resilience. Tanzania is less resilient than 83% of countries assessed. This indicates that Tanzania has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Zambia ranks 56 out of 164 countries assessed for Lack of Resilience. Zambia is less resilient than 66% of countries assessed. This indicates that Zambia 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:

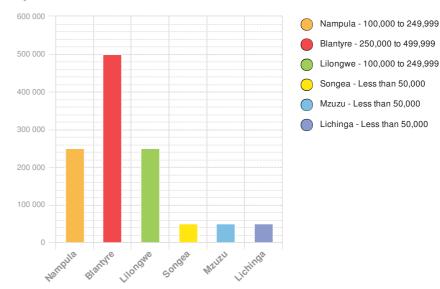
2011

Total: 18, 875, 062

Max Density: **70**, **910**(ppl/km²)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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Multi Hazard Risk Index:

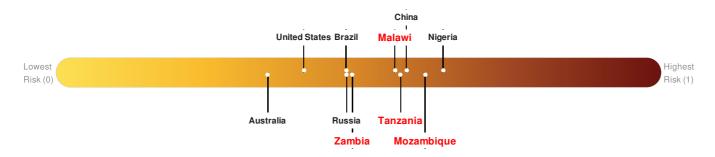
The Multi Hazard Risk index assesses the likelihood of losses or disruptions to a country's normal function due to the interaction between exposure to multiple hazards (tropical cyclone winds, earthquake, flood and tsunami), socioeconomic vulnerability, and coping capacity

Malawi ranks 24 out of 164 countries assessed for Multi Hazard Risk. Malawi has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Malawi has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

Mozambique ranks 10 out of 164 countries assessed for Multi Hazard Risk. Mozambique has a Multi Hazard Risk higher than 90% of countries assessed. This indicates that Mozambique has a high likelihood of loss and/or disruption to normal function if exposed to a hazard.

Tanzania ranks 22 out of 164 countries assessed for Multi Hazard Risk. Tanzania has a Multi Hazard Risk higher than 78% of countries assessed. This indicates that Tanzania has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.

Zambia ranks 49 out of 164 countries assessed for Multi Hazard Risk. Zambia has a Multi Hazard Risk higher than 51% of countries assessed. This indicates that Zambia has a medium likelihood of loss and/or disruption to normal function if exposed to a hazard.



Source: PDC

Lack of Resilience Index:

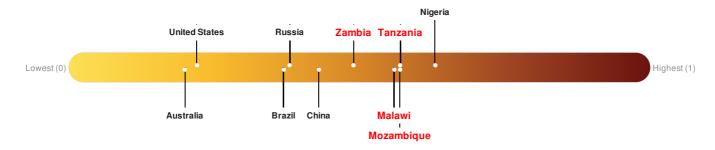
The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Malawi ranks 33 out of 164 countries assessed for Lack of Resilience. Malawi is less resilient than 80% of countries assessed. This indicates that Malawi has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Mozambique ranks 29 out of 164 countries assessed for Lack of Resilience. Mozambique is less resilient than 83% of countries assessed. This indicates that Mozambique has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Tanzania ranks 29 out of 164 countries assessed for Lack of Resilience. Tanzania is less resilient than 83% of countries assessed. This indicates that Tanzania has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

Zambia ranks 56 out of 164 countries assessed for Lack of Resilience. Zambia is less resilient than 66% of countries assessed. This indicates that Zambia has medium susceptibility to negative impacts, and is less able to respond to and recover from a disruption to normal function.

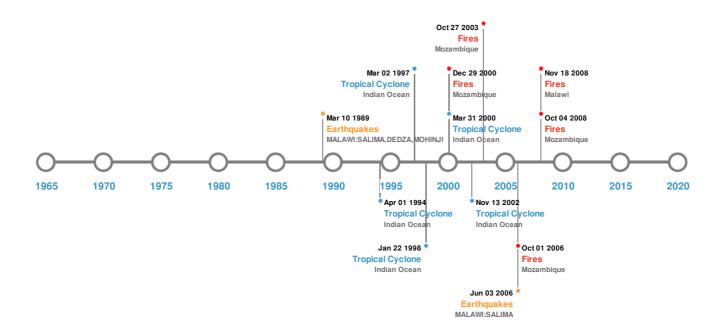


Source: PDC

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	
*	10-Mar-1989 00:21:00	6.10	30	MALAWI: SALIMA, DEDZA, MOHINJI	13.7° S/34.42° E	
*	03-Jun-2006 00:16:00	3.80	10	MALAWI: SALIMA	14.52° S / 34.28° E	

Source: Earthquakes

Wildfires:

5 Largest Wildfires				
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
•	08-Aug-2008 11:20:00 - 04-Oct-2008 11:15:00	38.70	Mozambique	16.52° S/35.51° E
*	29-Sep-2003 00:00:00 - 27-Oct-2003 00:00:00	34.90	Mozambique	16.4° S/35.45° E
*	15-Sep-2006 00:00:00 - 01-Oct-2006 00:00:00	24.30	Mozambique	16.47° S/35.56° E
*	28-Aug-2008 08:05:00 - 18-Nov-2008 20:10:00	20.30	Malawi	11.66° S/33.81° E
	26-Aug-2001 00:00:00 - 29-Aug-2001 00:00:00	19.80	Mozambique	11.8° S/37.7° E



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

Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	2000-03- 22	23-Mar-2000 00:00:00 - 09-Apr-2000 06:00:00	144	No Data	Indian Ocean	17.06° S/70.1° E
	1994-03- 17	18-Mar-1994 00:00:00 - 01-Apr-1994 18:00:00	138	No Data	Indian Ocean	16.42° S / 54.65° E
	1997-02- 25	26-Feb-1997 00:00:00 - 02-Mar-1997 12:00:00	86	No Data	Indian Ocean	17.96° S / 37.25° E
	ATANG	06-Nov-2002 18:00:00 - 13-Nov-2002 00:00:00	52	No Data	Indian Ocean	10.56° S / 49.3° E
	1998-01- 17	17-Jan-1998 12:00:00 - 22-Jan-1998 18:00:00	40	No Data	Indian Ocean	20.88° S / 40° E

Source: <u>Tropical Cyclones</u>

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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