

HONOLULU 18:01:44 16 Sep 2018 WASH.D.C. 00:01:44 17 Sep 2018 ZULU 04:01:44 17 Sep 2018 BLANTYRE 06:01:44 17 Sep 2018 NAIROBI 07:01:44 17 Sep 2018 BANGKOK 11:01:44 17 Sep 2018

Region Selected » Lower Left Latitude/Longitude: -19.416926748 N°, 33.374996638 E° Upper Right Latitude/Longitude: -13.416926748000002 N°, 39.374996638 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:

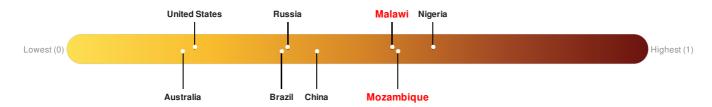
Active Wild Fire								
Event	Severity	Date (UTC)	Name	Lat/Long				
	1	17-Sep-2018 03:57:39	Wildfire - SE of Mulanje - Malawi	16.42° S / 36.37° E				
	•	17-Sep-2018 03:57:39	Wildfire - SE of Ligonha, Nampula - Mozambique	15.54° S/38.04° E				

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.

Malawi ranks 33 out of 165 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 more able to respond to and recover from a disruption to normal function.

Mozambique ranks 29 out of 165 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 more able to respond to and recover from a disruption to normal function.



Source: PDC

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Population Data:

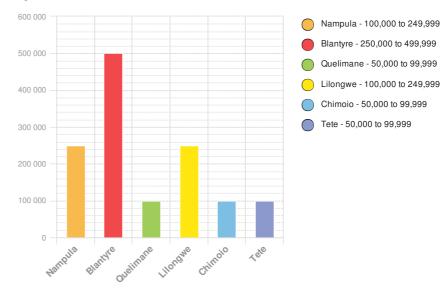
2011

Total: 19, 046, 762

Max Density: 70, 910(ppl/km²)

Source: iSciences

Populated Areas:



Risk & Vulnerability

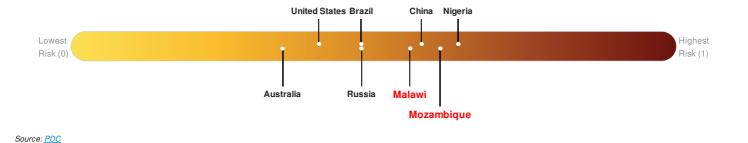
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Multi Hazard Risk Index:

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

Multi-Hazard Exposure Malawi ranks 40 out of 165 countries assessed for Multi Hazard Risk. Malawi has a Multi Hazard Risk higher than 76% of countries assessed. This indicates that Malawi has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Mozambique ranks 18 out of 165 countries assessed for Multi Hazard Risk. Mozambique has a Multi Hazard Risk higher than 90% of countries assessed. This indicates that Mozambique has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

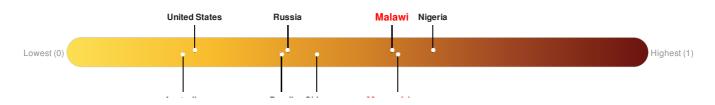


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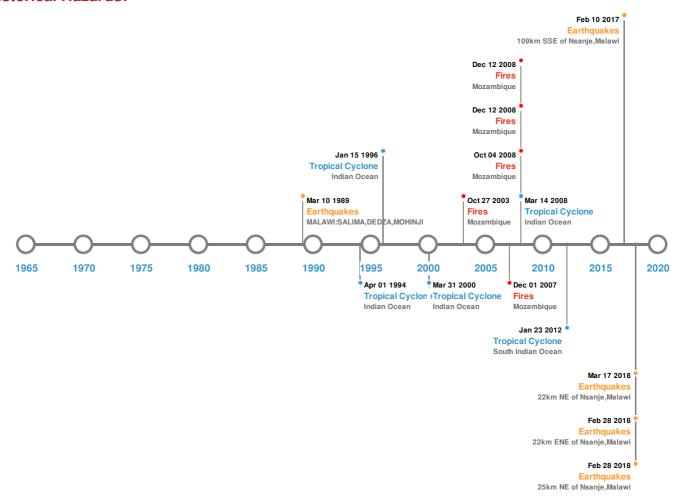
Australia Brazil China <mark>Mozambique</mark>

Source: PDC

Historical Hazards

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Historical Hazards:



Earthquakes:

5 Larges	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					
*	08-Mar-2018 08:49:44	5.60	6.41	25km NE of Nsanje, Malawi	16.76° S / 35.43° E					
	08-Mar-2018 09:52:04	5.20	10	22km ENE of Nsanje, Malawi	16.84° S/35.45° E					
*	10-Feb-2017 16:43:38	5.20	10	109km SSE of Nsanje, Malawi	17.87° S/35.54° E					
*	17-Mar-2018 15:12:22	4.90	10	22km NE of Nsanje, Malawi	16.76° S/35.39° E					

Source: Earthquakes

Wildfires:

5 Largest Wildfires Event Start/End Date(UTC) Location Size (sq. km.) Mean Lat/Long 08-Aug-2008 11:20:00 - 04-Oct-2008 11:15:00 16.52° S/35.51° E 38.70 Mozambique 18.73° S / 35.87° E 04-Jun-2008 20:00:00 - 12-Dec-2008 11:35:00 35.50 Mozambique 06-Jul-2008 23:10:00 - 01-Sep-2008 07:45:00 18.49° S/34.26° E 34.90 Mozambique 29-Sep-2003 00:00:00 - 27-Oct-2003 00:00:00 16.4° S/35.45° E 34.90 Mozambique 18.81° S/34.42° E 07-Aug-2008 20:00:00 - 12-Dec-2008 11:35:00 26.60 Mozambique

Source: Wildfires

Tropical Cyclones:

5 Largest Tropical Cyclones								
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long		
	1995-12- 31	01-Jan-1996 00:00:00 - 15-Jan-1996 00:00:00	155	No Data	Indian Ocean	13.84° S / 54.9° E		
	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		
	FUNSO	23-Jan-2012 18:00:00 - 23-Jan-2012 18:00:00	115	No Data	South Indian Ocean	-/-		
	JOKWE	05-Mar-2008 12:00:00 - 14-Mar-2008 18:00:00	115	No Data	Indian Ocean	19.05° S / 46.4° E		

Source: Tropical Cyclones

Disclosures

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^{*} 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.