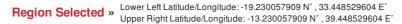
<u>^</u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	BLANTYRE	NAIROBI	BANGKOK
	Area Brief: General	<b>17:59:52</b>	<b>23:59:52</b>	<b>03:59:52</b>	05:59:52	<b>06:59:52</b>	<b>10:59:52</b>
	Executive Summary	28 Sep 2016	28 Sep 2016	29 Sep 2016	29 Sep 2016	29 Sep 2016	29 Sep 2016





#### **Situational Awareness**

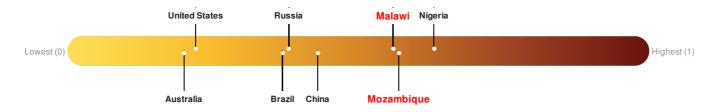
Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

#### **Current Hazards:**

Active Wild Fire					
Event	Severity	Date (UTC)	Name	Lat/Long	
	1	29-Sep-2016 03:58:05	Wildfire - E of Mulanje - Malawi	16.23° S/36.45° E	
Source: <u>PDC</u>					

### Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. Malawi ranks 33 out of 165 on the Lack of Resilience index with a score of 0.56. Mozambique ranks 29 out of 165 on the Lack of Resilience index with a score of 0.57.



Malawi ranks 33 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Infrastructure, Info Access Vulnerability and Population Pressures.

Mozambique ranks 29 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Clean Water Vulnerability, Infrastructure and Info Access Vulnerability.

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:**

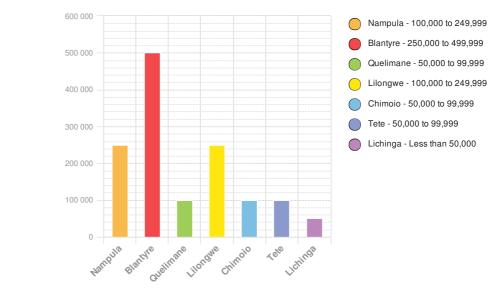
Total: 19, 311, 838

Max Density: 70, 910(ppl/km<sup>2</sup>)

2011

Source: iSciences

# **Populated Areas:**



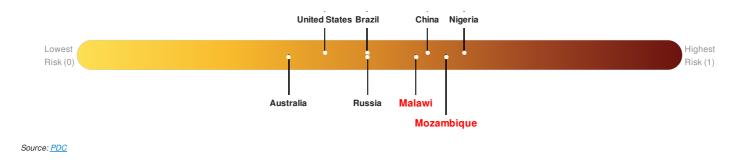
#### **Risk & Vulnerability**

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:**

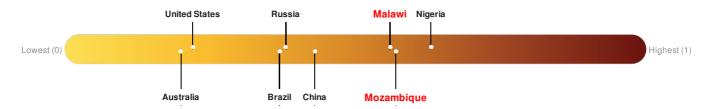
Malawi ranks 40 out of 165 on the Multi-Hazard Risk Index with a score of 0.56. Malawi is estimated to have relatively medium overall exposure, medium vulnerability, and medium coping capacity.

Mozambique ranks 18 out of 165 on the Multi-Hazard Risk Index with a score of 0.61. Mozambique is estimated to have relatively high overall exposure, medium vulnerability, and low coping capacity.



### Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. Malawi ranks 33 out of 165 on the Lack of Resilience index with a score of 0.56. Mozambique ranks 29 out of 165 on the Lack of Resilience index with a score of 0.57.



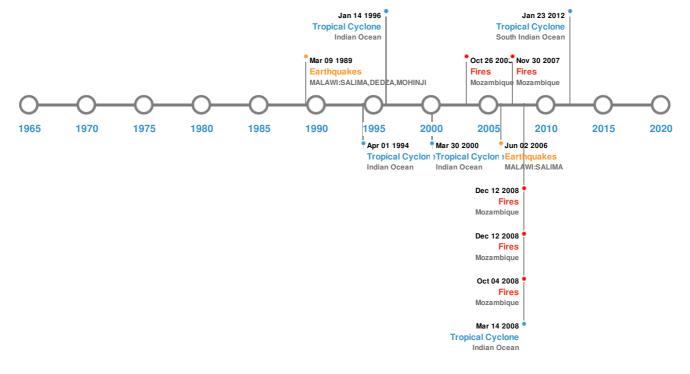
Malawi ranks 33 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Infrastructure, Info Access Vulnerability and Population Pressures.

Mozambique ranks 29 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Clean Water Vulnerability, Infrastructure and Info Access Vulnerability.

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	
	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		
	04-Jun-2008 20:00:00 - 12-Dec-2008 11:35:00	35.50	Mozambique	18.73° S/35.87° E		
	06-Jul-2008 23:10:00 - 01-Sep-2008 07:45:00	34.90	Mozambique	18.49° S/34.26° E		
	29-Sep-2003 00:00:00 - 27-Oct-2003 00:00:00	34.90	Mozambique	16.4° S/35.45° E		
	07-Aug-2008 20:00:00 - 12-Dec-2008 11:35:00	26.60	Mozambique	18.81° S/34.42° E		

Source: Wildfires

## **Tropical Cyclones:**

5 Large	5 Largest Tropical Cyclones					
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
٢	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
٢	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
٢	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
٢	FUNSO	23-Jan-2012 18:00:00 - 23-Jan-2012 18:00:00	115	No Data	South Indian Ocean	- / -
٢	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: <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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