<u>^</u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	HARARE	NAIROBI	BANGKOK
	Area Brief: General	<b>17:55:20</b>	<b>23:55:20</b>	03:55:20	05:55:20	06:55:20	<b>10:55:20</b>
	Executive Summary	24 Sep 2016	24 Sep 2016	25 Sep 2016	25 Sep 2016	25 Sep 2016	25 Sep 2016

**Region Selected »** 

Lower Left Latitude/Longitude: -21.318595379  $\textrm{N}^\circ$  , 30.156459853  $\textrm{E}^\circ$ 





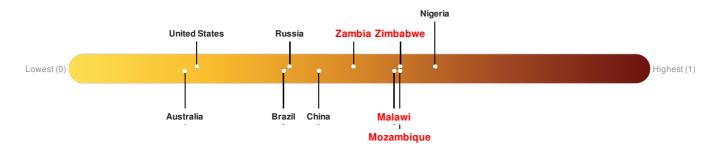
# Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

## **Current Hazards:**

Active Wild Fire						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	25-Sep-2016 03:53:14	Wildfire - N of Manica - Mozambique	18.32° S/33.16° 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 0.49. Zimbabwe ranks 29 out of 165 on the Lack of Resilience index with a score of 0.49. Zimbabwe 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.

Zambia ranks 56 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 Population Pressures, Vulnerability Health Status and Infrastructure.

Zimbabwe 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 Governance, Vulnerability Health Status and Clean Water Vulnerability.

Source: PDC

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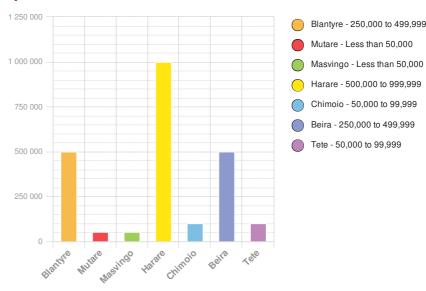
### **Population Data:**

#### **Populated Areas:**



Total: 17, 135, 934 Max Density: 62, 846(ppl/km<sup>2</sup>)





#### **Risk & Vulnerability**

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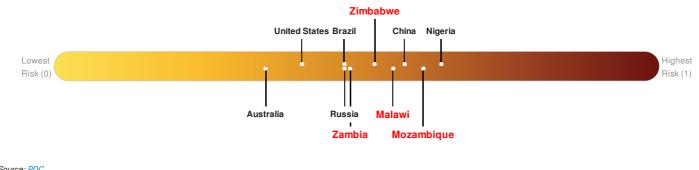
### Multi Hazard Risk Index:

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.

Zambia ranks 81 out of 165 on the Multi-Hazard Risk Index with a score of 0.49. Zambia is estimated to have relatively medium overall exposure, medium vulnerability, and medium coping capacity.

Zimbabwe ranks 59 out of 165 on the Multi-Hazard Risk Index with a score of 0.53. Zimbabwe is estimated to have relatively medium overall exposure, medium vulnerability, and low coping capacity.

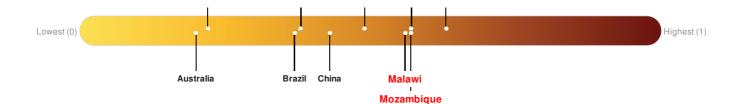


#### Source: PDC

### 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. Zambia ranks 56 out of 165 on the Lack of Resilience index with a score of 0.49. Zimbabwe ranks 29 out of 165 on the Lack of Resilience index with a score of 0.57.

		Nigeria
United States	Russia	Zambia Zimbabwe
1	1	i i



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.

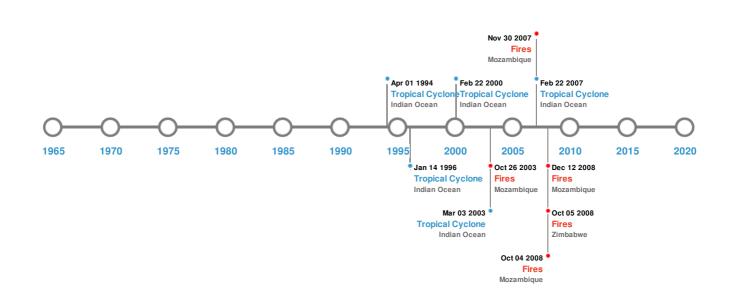
Zambia ranks 56 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Population Pressures, Vulnerability Health Status and Infrastructure.

Zimbabwe 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 Governance, Vulnerability Health Status and Clean Water Vulnerability.

Source: <u>PDC</u>

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## **Historical Hazards:**



#### 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		
	01-Jun-2008 11:45:00 - 05-Oct-2008 12:00:00	36.80	Zimbabwe	19.91° S/32.8° E		
<b></b>	04-Jun-2008 20:00:00 - 12-Dec-2008 11:35:00	35.50	Mozambique	18.73° S/35.87° E		
<b></b>	06-Jul-2008 23:10:00 - 01-Sep-2008 07:45:00	34.90	Mozambique	18.49° S/34.26° E		
<b></b>	29-Sep-2003 00:00:00 - 27-Oct-2003 00:00:00	34.90	Mozambique	16.4° S/35.45° E		

Source: Wildfires

# **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	FAVIO	15-Feb-2007 00:00:00 - 23-Feb-2007 00:00:00	144	No Data	Indian Ocean	21.23° S/50.35° E

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
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	JAPHET	26-Feb-2003 12:00:00 - 03-Mar-2003 12:00:00	132	No Data	Indian Ocean	22.57° S/37.9° E
٢	2000-02- 03	03-Feb-2000 06:00:00 - 23-Feb-2000 06:00:00	132	No Data	Indian Ocean	16.81° S/70.55° 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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