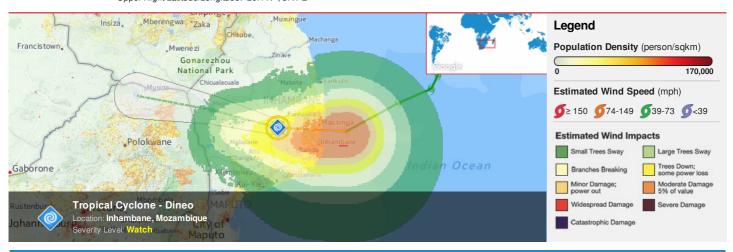


HONOLULU 16:01:43 15 Feb 2017 WASH.D.C. 21:01:43 15 Feb 2017 ZULU **02:01:43** 16 Feb 2017 MAPUTO 04:01:43 16 Feb 2017 NAIROBI 05:01:43 16 Feb 2017 BANGKOK 09:01:43 16 Feb 2017

Region Selected » Lower Left Latitude/Longitude: -26.4 N°, 31.1 E° Upper Right Latitude/Longitude: -20.4 N°, 37.1 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.

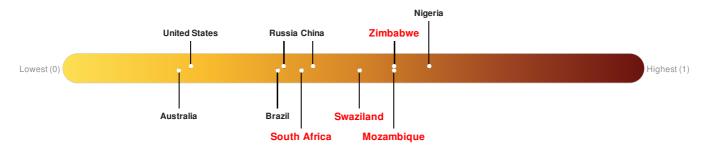
Current Hazards:

Active Tropical Cyclones										
Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
	•	Tropical Cyclone - Dineo	69	86	W	10	6	Tropical Storm	-	23.4° S/34.1° E

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. Mozambique ranks 29 out of 165 on the Lack of Resilience index with a score of 0.57. South Africa ranks 89 out of 165 on the Lack of Resilience index with a score of 0.41. Swaziland ranks 51 out of 165 on the Lack of Resilience index with a score of 0.51. Zimbabwe ranks 29 out of 165 on the Lack of Resilience index with a score of 0.57.



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.

South Africa ranks 89 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 Environmental Capacity, Population Pressures and Vulnerability Health Status.

Swaziland ranks 51 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 Environmental Capacity, 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.

Regional Overview

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Population Data:

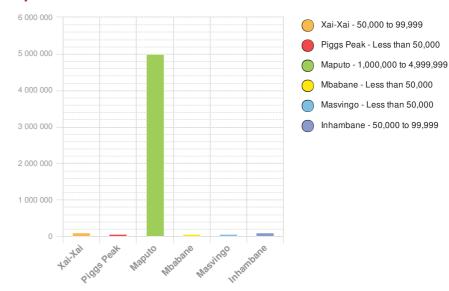
2011

Total: 7, 559, 284

Max Density: 82, 735(ppl/km²)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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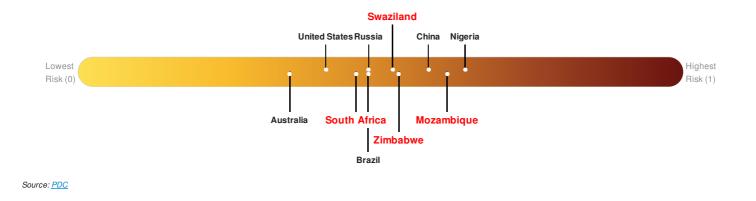
Multi Hazard Risk Index:

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.

South Africa ranks 103 out of 165 on the Multi-Hazard Risk Index with a score of 0.46. South Africa is estimated to have relatively medium overall exposure, low vulnerability, and medium coping capacity.

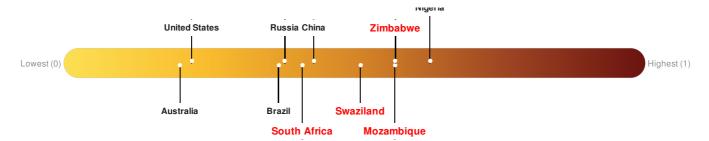
Swaziland ranks 66 out of 165 on the Multi-Hazard Risk Index with a score of 0.52. Swaziland is estimated to have relatively medium overall exposure, medium vulnerability, and medium coping capacity.

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.



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. Mozambique ranks 29 out of 165 on the Lack of Resilience index with a score of 0.57. South Africa ranks 89 out of 165 on the Lack of Resilience index with a score of 0.41. Swaziland ranks 51 out of 165 on the Lack of Resilience index with a score of 0.51. Zimbabwe ranks 29 out of 165 on the Lack of Resilience index with a score of 0.57.



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.

South Africa ranks 89 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 Environmental Capacity, Population Pressures and Vulnerability Health Status.

Swaziland ranks 51 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 Environmental Capacity, Vulnerability Health Status and Infrastructure.

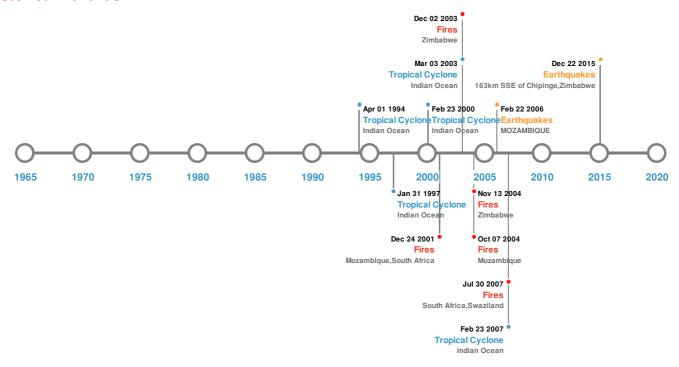
Zimbabwe ranks 29 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Governance, Vulnerability Health Status and Clean Water Vulnerability.

Source: PDC

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		
*	22-Feb-2006 00:22:00	7.00	11	MOZAMBIQUE	21.32° S/33.58° E		
	22-Sep-2016 20:06:11	5.60	10	163km SSE of Chipinge, Zimbabwe	21.51° S/33.33° E		

Source: Earthquakes

Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
*	09-Jan-2004 00:00:00 - 13-Nov-2004 00:00:00	50.20	Zimbabwe	21.45° S/31.22° E			
*	12-Sep-2004 00:00:00 - 07-Oct-2004 00:00:00	27.50	Mozambique	23.4° S/32.11° E			
*	12-Jun-2007 00:00:00 - 30-Jul-2007 00:00:00	26.90	South Africa, Swaziland	25.94° S/31.28° E			
*	24-May-2002 00:00:00 - 24-Aug-2002 00:00:00	26.60	Mozambique,South Africa	24.91° S/31.88° E			
	01-Sep-2004 00:00:00 - 02-Sep-2004 00:00:00	20.00	Zimbabwe	21.6° S/31.73° E			



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

Tropical Cyclones:

5 Largest Tropical Cyclones Max Wind Speed Min Pressure Event Name Start/End Date(UTC) Location Lat/Long (mph) (mb) 15-Feb-2007 00:00:00 - 23-Feb-2007 FAVIO 144 No Data Indian Ocean 21.23° S / 50.35° E 00:00:00 1994-03-18-Mar-1994 00:00:00 - 01-Apr-1994 138 No Data Indian Ocean 16.42° S / 54.65° E 18:00:00 17 26-Feb-2003 12:00:00 - 03-Mar-2003 JAPHET 132 No Data Indian Ocean 22.57° S/37.9° E 12:00:00 2000-02-03-Feb-2000 06:00:00 - 23-Feb-2000 132 No Data Indian Ocean 16.81° S / 70.55° E 03 06:00:00 1997-01-18-Jan-1997 06:00:00 - 31-Jan-1997 132 No Data Indian Ocean 22.28° S / 47.45° E 18 12:00:00

Source: <u>Tropical Cyclones</u>

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.