	Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	JUBA	NAIROBI	BANGKOK
	Area Brief: General	18:01:17	23:01:17	04:01:17	07:01:17	07:01:17	11:01:17
	Executive Summary	11 Dec 2017	11 Dec 2017	12 Dec 2017	12 Dec 2017	12 Dec 2017	12 Dec 2017





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	12-Dec-2017 04:00:04	Wildfire - W of Kaabong - Uganda	3.56° N / 33.52° E		
	1	12-Dec-2017 04:00:04	Wildfire - S of Juba, Central Equatoria - South Sudan	4.36° N/31.77° E		
Source: <u>PDC</u>						

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.

Ethiopia ranks 18 out of 165 countries assessed for Lack of Resilience. Ethiopia is less resilient than 90% of countries assessed. This indicates that Ethiopia has high susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Kenya ranks 18 out of 165 countries assessed for Lack of Resilience. Kenya is less resilient than 90% of countries assessed. This indicates that Kenya has high susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

There was insufficient data to determine the Lack of Resilience Index score for **South Sudan**. **Uganda** ranks **26** out of **165** countries assessed for Lack of Resilience. Uganda is less resilient than 85% of countries assessed. This indicates that Uganda has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Congo, DRC ranks 3 out of 165 countries assessed for Lack of Resilience. Congo, DRC is less resilient than 99% of countries assessed. This indicates that Congo, DRC has high susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Brazil China

Kenya Nigeria

Source: PDC

2011

Regional Overview

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Population Data:

Total: 24, 481, 652

Max Density: 46, 043(ppl/km²)

Populated Areas:



Source: <u>iSciences</u>

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 Ethiopia ranks 24 out of 165 countries assessed for Multi Hazard Risk. Ethiopia has a Multi Hazard Risk higher than 86% of countries assessed. This indicates that Ethiopia has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Kenya ranks 32 out of 165 countries assessed for Multi Hazard Risk. Kenya has a Multi Hazard Risk higher than 81% of countries assessed. This indicates that Kenya has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

There was insufficient data to determine the Multi Hazard Risk Index score for South Sudan.

Multi-Hazard Exposure Uganda ranks 66 out of 165 countries assessed for Multi Hazard Risk. Uganda has a Multi Hazard Risk higher than 60% of countries assessed. This indicates that Uganda has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Congo, DRC ranks 7 out of 165 countries assessed for Multi Hazard Risk. Congo, DRC has a Multi Hazard Risk higher than 96% of countries assessed. This indicates that Congo, DRC has more likelihood of loss and/or disruption to normal function if exposed to a hazard.



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.

Ethiopia ranks 18 out of 165 countries assessed for Lack of Resilience. Ethiopia is less resilient than 90% of countries assessed. This indicates that Ethiopia has high susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Kenya ranks 18 out of 165 countries assessed for Lack of Resilience. Kenya is less resilient than 90% of countries assessed. This indicates that Kenya has high susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

There was insufficient data to determine the Lack of Resilience Index score for South Sudan.

Uganda ranks 26 out of 165 countries assessed for Lack of Resilience. Uganda is less resilient than 85% of countries assessed. This indicates that Uganda has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Congo, **DRC** ranks **3** out of **165** countries assessed for Lack of Resilience. Congo, DRC is less resilient than 99% of countries assessed. This indicates that Congo, DRC has high susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Source: <u>PDC</u>

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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
	20-May-1990 00:02:00	7.10	15	SUDAN: JUBA, MAYA; UGANDA: NAKURA	5.12° N / 32.15° E
	24-May-1990 00:20:00	7.00	16	SUDAN: JUBA, KAPENGURIA	5.36° N/31.85° E
	25-Feb-2017 17:19:35	4.70	10	25km W of Hoima, Uganda	1.42° N/31.11° E
	06-Jan-1857 00:00:00	0.00		SUDAN: GONDOKORO, ILENGWE	4.9° N/31.7° E

Source: Earthquakes

Wildfires:

5 Largest Wildfires					
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long	
	08-Jan-2003 00:00:00 - 30-Jan-2004 00:00:00	62.50	Uganda	2.37° N / 31.8° E	
	03-Jan-2002 00:00:00 - 19-Jan-2003 00:00:00	57.60	Sudan	3.94° N / 32.29° E	
	15-Oct-2007 00:00:00 - 26-Jan-2008 00:00:00	57.00	Sudan	6.09° N/34.78° E	

e	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	13-Jan-2006 00:00:00 - 29-Jan-2007 00:00:00	54.40	Sudan	6.56° N/31.32° E
	01-Jan-2003 00:00:00 - 16-Jan-2004 00:00:00	48.90	Sudan	3.93° N / 32.27° E

Source: Wildfires

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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