Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	NAIROBI	THIMPHU	BANGKOK
Area Brief: General	17:59:35	23:59:35	03:59:35	06:59:35	09:59:35	10:59:35
Executive Summary	22 Mar 2018	22 Mar 2018	23 Mar 2018	23 Mar 2018	23 Mar 2018	23 Mar 2018

Region Selected » Lower Left Latitude/Longitude: 23.059083033 N°, 92.248808206 E° Upper Right Latitude/Longitude: 29.059083033 N°, 98.248808206 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 Wild Fire						
Event	Severity	Date (UTC)	Name	Lat/Long		
	1	23-Mar-2018 03:59:03	Wildfire - E of Kohima, Nagaland - India	26.06° N/95.25° 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.

Bangladesh ranks 29 out of 165 countries assessed for Lack of Resilience. Bangladesh is less resilient than 83% of countries assessed. This indicates that Bangladesh has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

China ranks 82 out of 165 countries assessed for Lack of Resilience. China is less resilient than 51% of countries assessed. This indicates that China has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

India ranks 39 out of 165 countries assessed for Lack of Resilience. India is less resilient than 77% of countries assessed. This indicates that India has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Myanmar ranks 21 out of 165 countries assessed for Lack of Resilience. Myanmar is less resilient than 88% of countries assessed. This indicates that Myanmar has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



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Population Data:

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 **Bangladesh** ranks **5** out of **165** countries assessed for Multi Hazard Risk. Bangladesh has a Multi Hazard Risk higher than 97% of countries assessed. This indicates that Bangladesh has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

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

Multi-Hazard Exposure India ranks 14 out of 165 countries assessed for Multi Hazard Risk. India has a Multi Hazard Risk higher than 92% of countries assessed. This indicates that India has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

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



Source: PDC

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.

Bangladesh ranks 29 out of 165 countries assessed for Lack of Resilience. Bangladesh is less resilient than 83% of countries assessed. This indicates that Bangladesh has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

China ranks 82 out of 165 countries assessed for Lack of Resilience. China is less resilient than 51% of countries assessed. This indicates that China has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

India ranks 39 out of 165 countries assessed for Lack of Resilience. India is less resilient than 77% of countries assessed. This indicates that India has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

Myanmar ranks 21 out of 165 countries assessed for Lack of Resilience. Myanmar is less resilient than 88% of countries assessed. This indicates that Myanmar 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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Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)							
Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long		
	15-Aug-1950 00:14:00	8.60	33	INDIA-CHINA	28.5° N / 96.5° E		
	29-Jul-1947 00:13:00	7.90	60	INDIA-CHINA	28.5° N / 94° E		
	12-Sep-1946 00:15:00	7.80	60	MYANMAR (BURMA)	23.9° N/96.2° E		
	04-Feb-1961 00:08:00	7.60	141	INDIA	24.9° N/93.34° E		
	27-Jan-1931 00:20:00	7.60	60	MYANMAR (BURMA): KACHIN	25.6° N/96.8° E		

Source: Earthquakes

Wildfires:

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
	07-Mar-2005 00:00:00 - 08-Apr-2005 00:00:00	29.30	Bangladesh,India	23.75° N/92.36° E		
	25-Mar-2003 00:00:00 - 08-Apr-2003 00:00:00	23.10	India,Bangladesh	23.34° N/92.37° E		

@	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
	11-Mar-2006 00:00:00 - 26-Apr-2006 00:00:00	22.60	India,Bangladesh	23.05° N/92.52° E			
	17-Mar-2006 00:00:00 - 29-Mar-2006 00:00:00	21.80	India,Bangladesh	23.76° N/92.21° E			
	15-Mar-2006 00:00:00 - 06-Apr-2006 00:00:00	19.60	Myanmar	23.05° N/97.55° E			
Source: <u>Wildfires</u>							

Tropical Cyclones:

5 Largest Tropical Cyclones						
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
٢	1991-04- 22	23-Apr-1991 00:00:00 - 30-Apr-1991 12:00:00	161	No Data	Indian Ocean	16.73° N/92.1° E
٢	GIRI	21-Oct-2010 00:00:00 - 23-Oct-2010 06:00:00	155	No Data	Indian Ocean	20.06° N / 94.15° E
٩	1997-05- 13	13-May-1997 06:00:00 - 20-May-1997 00:00:00	132	No Data	Indian Ocean	13.9° N / 92.45° E
٢	1998-05- 13	13-May-1998 06:00:00 - 20-May-1998 12:00:00	81	No Data	Indian Ocean	13.45° N / 86.6° E
٢	1997-09- 19	20-Sep-1997 00:00:00 - 27-Sep-1997 12:00:00	75	No Data	Indian Ocean	18.47° N / 87.85° 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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