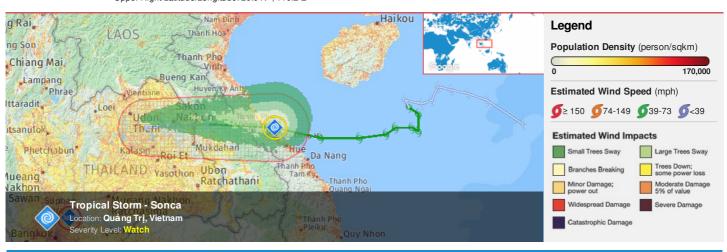


HONOLULU 23:26:29 24 Jul 2017 WASH.D.C. 05:26:29 25 Jul 2017 ZULU **09:26:29** 25 Jul 2017 NAIROBI 12:26:29 25 Jul 2017 BANGKOK 16:26:29 25 Jul 2017 VIENTIANE 16:26:29 25 Jul 2017

Region Selected » Lower Left Latitude/Longitude: 14.0 N°, 104.2 E° Upper Right Latitude/Longitude: 20.0 N°, 110.2 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.

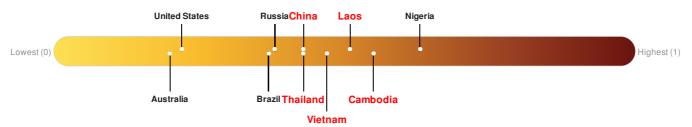
#### **Current Hazards:**

Active Tropical Cyclones										
Event	Severity	Name	Wind Speed (mph)	Wind Gusts (mph)	Heading	Track Speed (mph)	Advisory Num	Status	Pressure (mb)	Lat/Long
	•	Tropical Storm - Sonca	46	58	W	14	18	Tropical Storm	-	17° N / 107.2° 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. Cambodia ranks 39 out of 165 on the Lack of Resilience index with a score of 0.55. China ranks 82 out of 165 on the Lack of Resilience index with a score of 0.43. Laos ranks 51 out of 165 on the Lack of Resilience index with a score of 0.51. Thailand ranks 82 out of 165 on the Lack of Resilience index with a score of 0.43. Vietnam ranks 61 out of 165 on the Lack of Resilience index with a score of 0.47.



Cambodia ranks 39 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 Recent Disaster Impacts, Info Access Vulnerability and Clean Water Vulnerability.

China ranks 82 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, Governance and Marginalization.

Laos 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 Info Access Vulnerability, Population Pressures and Infrastructure.

Thailand ranks 82 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 Recent Disaster Impacts, Governance and Infrastructure.

Vietnam ranks 61 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, Marginalization and Governance.

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 <u>register here</u>. Validation of registration information may take 24-48 hours.

#### **Population Data:**

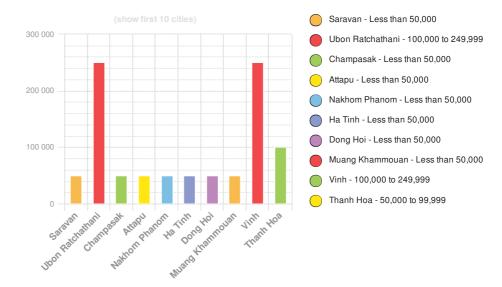
## 2011

Total: 27, 386, 796

Max Density: 46, 647(ppl/km<sup>2</sup>)

Source: iSciences

## **Populated Areas:**



#### **Risk & Vulnerability**

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### Multi Hazard Risk Index:

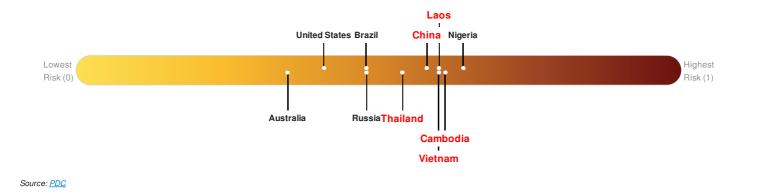
Cambodia ranks 18 out of 165 on the Multi-Hazard Risk Index with a score of 0.61. Cambodia is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

China ranks 32 out of 165 on the Multi-Hazard Risk Index with a score of 0.58. China is estimated to have relatively very high overall exposure, low vulnerability, and medium coping capacity.

Laos ranks 24 out of 165 on the Multi-Hazard Risk Index with a score of 0.6. Laos is estimated to have relatively high overall exposure, medium vulnerability, and medium coping capacity.

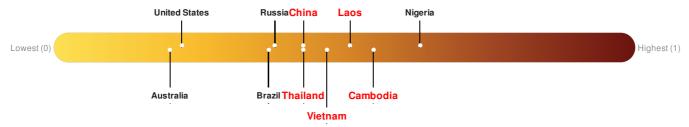
Thailand ranks 53 out of 165 on the Multi-Hazard Risk Index with a score of 0.54. Thailand is estimated to have relatively high overall exposure, low vulnerability, and medium coping capacity.

Vietnam ranks 24 out of 165 on the Multi-Hazard Risk Index with a score of 0.6. Vietnam is estimated to have relatively very high overall exposure, low vulnerability, and medium 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. **Cambodia** ranks **39** out of **165** on the Lack of Resilience index with a score of 0.55. **China** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.51. **Thailand** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43. **Vietnam** ranks **61** out of **165** on the Lack of Resilience index with a score of 0.47.



Cambodia ranks 39 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 Recent Disaster Impacts, Info Access Vulnerability and Clean Water Vulnerability.

China ranks 82 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, Governance and Marginalization.

Laos 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 Info Access Vulnerability, Population Pressures and Infrastructure.

Thailand ranks 82 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 Recent Disaster Impacts, Governance and Infrastructure.

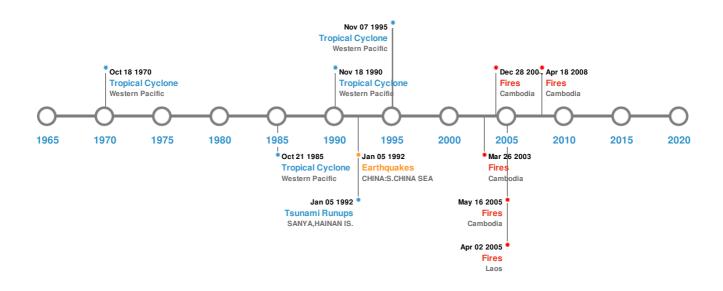
Vietnam ranks 61 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Marginalization and Governance.

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			
<b></b>	05-Jan-1992 00:06:00	3.70	8	CHINA: S. CHINA SEA	18° N / 108° E			

Source: Earthquakes

## **Volcanic Eruptions:**

5 Largest Volcanic Eruptions (Last updated in 2000)							
Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long		
<b>♦</b>	CU-LAO RE GROUP	02-Mar-1923 00:00:00	2.00	SE ASIA	15.38° N / 109.11° E		

Source: Volcanoes

## Tsunami Runups:

5 Largest Tsunami Runups								
Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long		
<b>\$</b>	05-Jan-1992 00:00:00	CHINA	0.8	-	SANYA, HAINAN IS.	18.23° N / 109.51° E		

Source: <u>Tsunamis</u>

## Wildfires:

5 Largest Wildfires							
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long			
<b>*</b>	16-Jan-2004 00:00:00 - 28-Dec-2004 00:00:00	32.20	Cambodia	14.18° N / 104.39° E			
<b>*</b>	02-Mar-2005 00:00:00 - 02-Apr-2005 00:00:00	18.40	Laos	16.05° N / 106.53° E			
<b>*</b>	11-Jan-2005 00:00:00 - 16-May-2005 00:00:00	12.80	Cambodia	14.14° N / 104.35° E			
<b>*</b>	15-Jan-2008 06:20:00 - 18-Apr-2008 18:45:00	11.00	Cambodia	14.14° N / 104.26° E			
<b>\lambda</b>	11-Mar-2003 00:00:00 - 26-Mar-2003 00:00:00	10.30	Cambodia	14.17° N / 104.34° E			

Source: Wildfires

# **Tropical Cyclones:**

5 Largest Tropical Cyclones								
Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long		
	WILMA	21-Oct-1952 18:00:00 - 31-Oct-1952 12:00:00	184	No Data	Western Pacific	10.3° N / 127.5° E		
	ANGELA	20-Oct-1995 12:00:00 - 07-Nov-1995 12:00:00	178	No Data	Western Pacific	11.95° N / 141.65° E		
	JOAN	10-Oct-1970 06:00:00 - 18-Oct-1970 00:00:00	173	No Data	Western Pacific	15.13° N / 125.35° E		
	DOT	12-Oct-1985 00:00:00 - 21-Oct-1985 18:00:00	173	No Data	Western Pacific	12.49° N / 130.15° E		
	MIKE	06-Nov-1990 06:00:00 - 18-Nov-1990 12:00:00	173	No Data	Western Pacific	13.84° N / 129.45° E		

Source: Tropical Cyclones

### **Disclosures**

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<sup>\*</sup> 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.