<u> </u>	Pacific Disaster Center	HONOLULU	WASH.D.C.	ZULU	NAIROBI	BANGKOK	VIENTIANE
	Area Brief: General	08:15:43	14:15:43	18:15:43	21:15:43	01:15:43	01:15:43
	Executive Summary	01 Aug 2016	01 Aug 2018	01 Aug 2018	01 Aug 2018	02 Aug 2018	02 Aug 2018

Region Selected »

Lower Left Latitude/Longitude: 18.01905 N° , 102.84617 E° Upper Right Latitude/Longitude: 24.01905 N° , 108.84617 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 Floods						
Event	Severity	Date (UTC)	Name	Lat/Long		
	0	01-Aug-2018 18:15:08	Floods - Hanoi, Vietnam	21.02° N / 105.85° E		
Active Storm						
Event	Severity	Date (UTC)	Name	Lat/Long		
\bigcirc	0	31-Jul-2018 21:26:15	Storms - Northern Vietnam	21.51° N / 105.13° 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.

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.

Laos ranks 51 out of 165 countries assessed for Lack of Resilience. Laos is less resilient than 70% of countries assessed. This indicates that Laos has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.

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

Vietnam ranks 61 out of 165 countries assessed for Lack of Resilience. Vietnam is less resilient than 64% of countries assessed. This indicates that Vietnam has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.





Source: PDC

Regional Overview

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Population Data:

Populated Areas:



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

Multi-Hazard Exposure **Thailand** ranks **53** out of **165** countries assessed for Multi Hazard Risk. Thailand has a Multi Hazard Risk higher than 68% of countries assessed. This indicates that Thailand has more likelihood of loss and/or disruption to normal function if exposed to a hazard.

Multi-Hazard Exposure Vietnam ranks 24 out of 165 countries assessed for Multi Hazard Risk. Vietnam has a Multi Hazard Risk higher than 86% of countries assessed. This indicates that Vietnam 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.

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

Vietnam ranks 61 out of 165 countries assessed for Lack of Resilience. Vietnam is less resilient than 64% of countries assessed. This indicates that Vietnam 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		
	13-Sep-1950 00:00:00	5.80		CHINA: YUNNAN PROVINCE	23.5° N / 103.1° E		
	23-Apr-1962 00:04:00	5.50	-	CHINA: YUNNAN PROVINCE	23.6° N / 106.1° E		
	10-Nov-1988 00:01:00	4.60	10	CHINA: E, QINZHOU-FANGCHENG, NANNING	21.23° N / 108.55° E		
	04-May-2016 09:24:02	4.50	15.17	17km SW of Wenlan, China	23.23° N / 103.33° E		
	04-May-2016 07:51:52	4.50	15.15	10km SW of Wenlan, China	23.29° N / 103.37° E		

Source: Earthquakes

Wildfires:

5 Largest Wildfires						
Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
	01-Feb-2004 00:00:00 - 30-Mar-2004 00:00:00	17.90	Laos	20.41° N / 103.57° E		
	08-Apr-2005 00:00:00 - 05-May-2005 00:00:00	17.80	Laos	20.61° N / 104.32° E		

even.	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long		
-	25-Mar-2006 00:00:00 - 06-Apr-2006 00:00:00	16.10	Laos	19.9° N / 102.76° E		
	14-Mar-2007 00:00:00 - 22-Apr-2007 00:00:00	14.80	Vietnam	21.55° N / 103.82° E		
	01-Apr-2005 00:00:00 - 14-May-2005 00:00:00	13.10	Vietnam,Laos	20.86° N / 104.26° 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	CARLA	12-Oct-1967 12:00:00 - 20-Oct-1967 00:00:00	184	No Data	Western Pacific	15.38° N / 124.8° E
٢	ANGELA	20-Oct-1995 12:00:00 - 07-Nov-1995 12:00:00	178	No Data	Western Pacific	11.95° N / 141.65° E
٢	IDA	18-Aug-1954 18:00:00 - 31-Aug-1954 12:00:00	173	No Data	Western Pacific	17.43° N / 129.25° E
٢	DOT	12-Oct-1985 00:00:00 - 21-Oct-1985 18:00:00	173	No Data	Western Pacific	12.49° N / 130.15° E
٢	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

* 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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