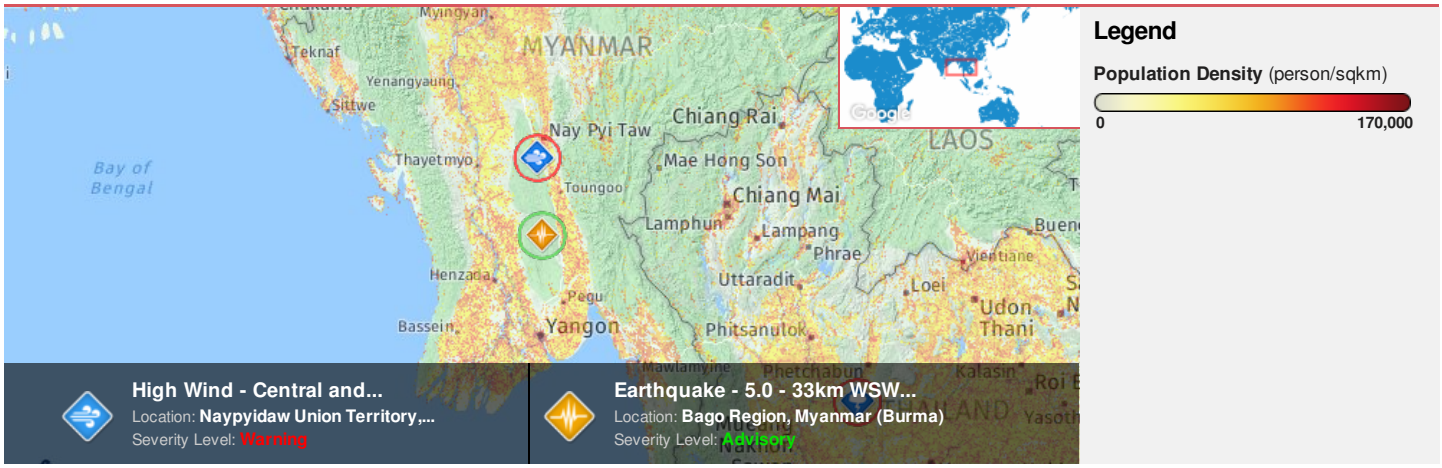
Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 11:55:30 21 Apr 2018	WASH.D.C. 17:55:30 21 Apr 2018	ZULU 21:55:30 21 Apr 2018	NAIROBI 00:55:30 22 Apr 2018	YANGON 04:25:30 22 Apr 2018	BANGKOK 04:55:30 22 Apr 2018

Region Selected » Lower Left Latitude/Longitude: 15.322099999999999 N˚ , 93.1596 E˚
Upper Right Latitude/Longitude: 21.3221 N˚ , 99.1596 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 High Winds

Event	Severity	Date (UTC)	Name	Lat/Long
		19-Apr-2018 19:53:03	High Wind - Central and Southern Myanmar	19.44° N / 96.09° E

Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		20-Apr-2018 22:51:42	5	17.07	33km WSW of Pyu, Burma	18.32° N / 96.16° E

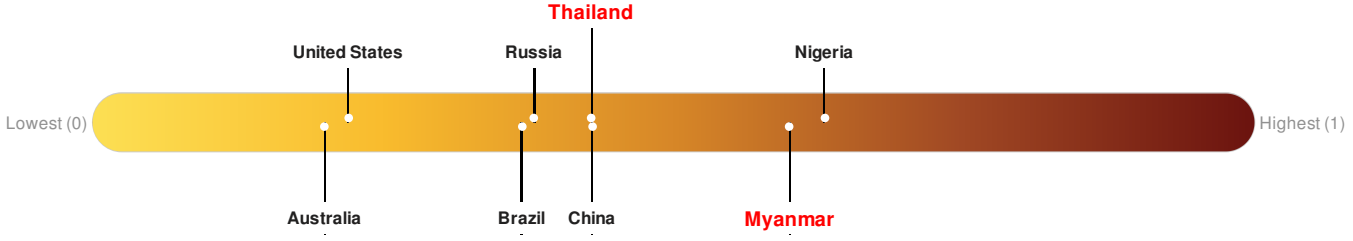
Source: PDC

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.

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.

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.



Source: PDC

Regional Overview

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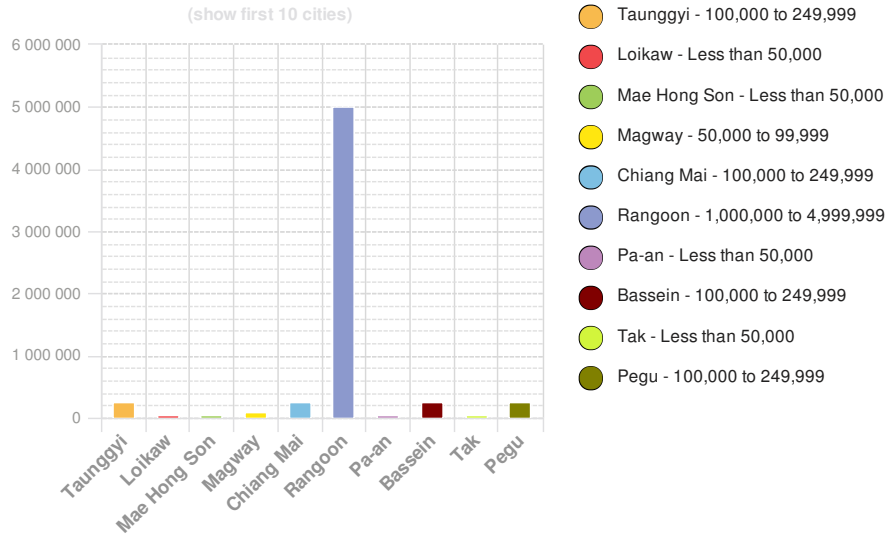
Population Data:

2011

Total: 33, 056, 954
Max Density: 57, 803(ppl/km^2)

Source: iSciences

Populated Areas:



Risk & Vulnerability

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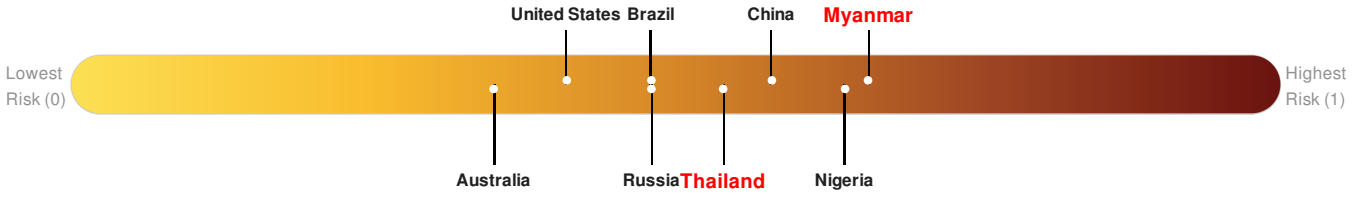
Multi Hazard Risk Index:

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 **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.

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.



Source: PDC

Lack of Resilience Index:

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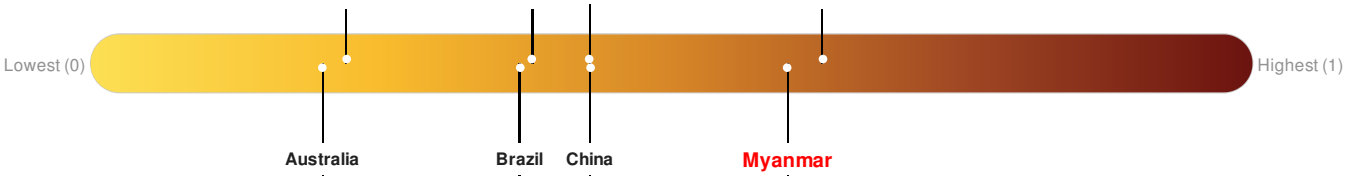
Thailand ranks **82** out of **165** countries assessed for Lack of Resilience. Thailand is less resilient than 51% of countries assessed. This indicates that Thailand has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Source: PDC

Historical Hazards

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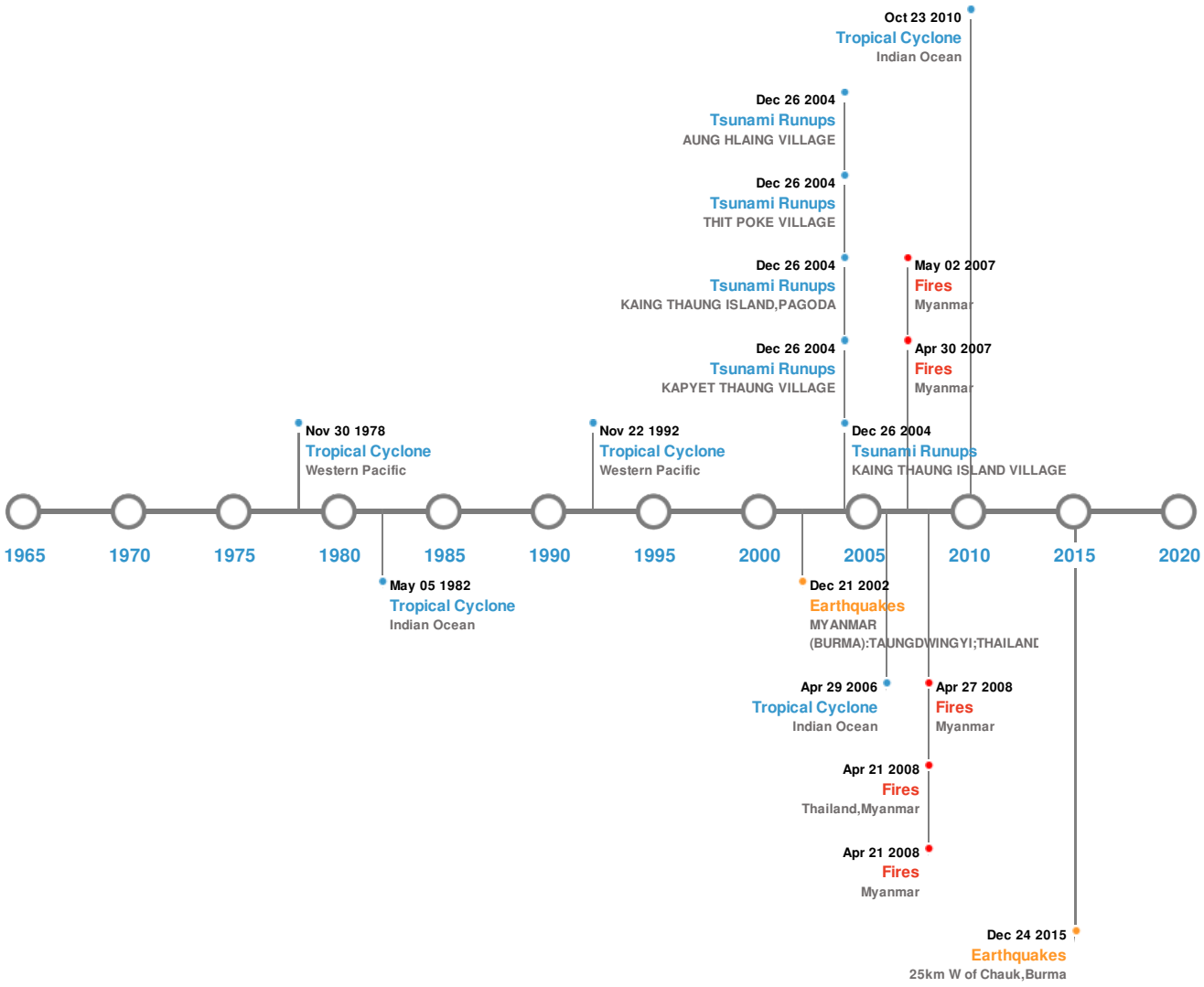
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	23-May-1912 00:02:00	8.00	25	MYANMAR (BURMA): MANDALAY, MOGOK, MAYMYO	21° N / 97° E
	03-Dec-1930 00:18:00	7.30	-	MYANMAR (BURMA): PYU	18.2° N / 96.4° E
	05-May-1930 00:13:00	7.30	-	MYANMAR (BURMA): PEGU, RANGOON	17.3° N / 96.5° E
	24-Aug-2016 10:34:55	6.80	84.07	25km W of Chauk, Burma	20.92° N / 94.58° E
	21-Sep-2003 00:18:00	6.60	10	MYANMAR (BURMA): TAUNGDWINGYI; THAILAND: BANGKOK	19.92° N / 95.67° E

Source: Earthquakes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	26-Dec-2004 00:00:00	MYANMAR (BURMA)	2.3	8	KAING THAUNG ISLAND VILLAGE	15.73° N / 95.06° E
	26-Dec-2004 00:00:00	MYANMAR (BURMA)	2	17	KAPYET THAUNG VILLAGE	15.81° N / 94.74° E
	26-Dec-2004 00:00:00	MYANMAR (BURMA)	1.9	-	KAING THAUNG ISLAND, PAGODA	15.73° N / 95.06° E
	26-Dec-2004 00:00:00	MYANMAR (BURMA)	1.7	-	THIT POKE VILLAGE	15.78° N / 94.98° E
	26-Dec-2004 00:00:00	MYANMAR (BURMA)	1.5	-	AUNG HLAING VILLAGE	15.77° N / 94.98° E

Source: Tsunamis

Wildfires:

5 Largest Wildfires

Event	Start/End Date(UTC)	Size (sq. km.)	Location	Mean Lat/Long
	11-Apr-2008 06:25:00 - 21-Apr-2008 07:05:00	120.70	Myanmar	18.18° N / 96.48° E
	07-Feb-2007 00:00:00 - 02-May-2007 00:00:00	71.10	Myanmar	20.37° N / 93.74° E
	11-Feb-2007 00:00:00 - 30-Apr-2007 00:00:00	54.60	Myanmar	19.67° N / 94.28° E
	19-Mar-2008 06:20:00 - 21-Apr-2008 07:05:00	49.80	Thailand,Myanmar	18.36° N / 97.8° E
	22-Feb-2008 19:35:00 - 27-Apr-2008 05:00:00	48.00	Myanmar	20.43° N / 93.82° 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
	GIRI	21-Oct-2010 00:00:00 - 23-Oct-2010 06:00:00	155	No Data	Indian Ocean	20.06° N / 94.15° E
	HOPE	24-Jul-1979 12:00:00 - 08-Aug-1979 12:00:00	150	No Data	Western Pacific	15.98° N / 116.2° E
	FORREST	08-Nov-1992 18:00:00 - 22-Nov-1992 00:00:00	144	No Data	Western Pacific	13.59° N / 114.2° E
	1982-04-30	30-Apr-1982 12:00:00 - 05-May-1982 06:00:00	138	No Data	Indian Ocean	14.38° N / 89.7° E

Event	MALA **Name**	25-Apr-2006 06:00:00 - 29-Apr-2006 **Start/End Date (UTC)**	132 **Max Wind Speed (mph)**	N Data **Min Pressure (mb)**	Indian Ocean **Location**	13.29° N / 92.45° E **Lat/Long**

Source: Tropical Cyclones

Disclosures

* As defined by the source (Dartmouth Flood Observatory, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.