| Pacific Disaster Center Area Brief: General Executive Summary | honolutu <br> 05:18:36 <br> 06 Dec 2017 | $\begin{aligned} & \text { WASH.D.C. } \\ & \text { 10:18:36 } \\ & \text { 06 Dec 2017 } \end{aligned}$ | $\begin{gathered} \text { ZULU } \\ \text { 15:18:36 } \\ 06 \text { Dec 2017 } \end{gathered}$ | $\begin{gathered} \text { NAIROBI } \\ \text { 18:18:36 } \\ \text { 06 Dec 2017 } \end{gathered}$ | $\begin{aligned} & \text { BANGKOK } \\ & \text { 22:18:36 } \\ & \text { 06 Dec 2017 } \end{aligned}$ | SINGAPORE <br> 23:18:36 <br> 06 Dec 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Region Selected » Lower Left Latitude/Longitude: -6.1098 N, 99.1893 E ${ }^{\circ}$ Upper Right Latitude/Longitude: - $0.1097999999999999 \mathrm{~N}^{\circ}, 105.1893 \mathrm{E}^{\circ}$


## 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:

| Recent Earthquakes |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long |
|  |  | 05-Dec-2017 21:18:54 | 5.1 | 41.11 | 54 km NW of Curup, Indonesia | $3.11^{\circ} \mathrm{S} / 102.19^{\circ} \mathrm{E}$ |

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.

Indonesia ranks $\mathbf{7 1}$ out of $\mathbf{1 6 5}$ countries assessed for Lack of Resilience. Indonesia is less resilient than $57 \%$ of countries assessed. This indicates that Indonesia has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.


Source: $\underline{P D C}$

## Regional Overview

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Population Data:

Total: 19, 114, 162
Max Density: 83, 773(ppl/km²)


Source: isciences

## 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 Indonesia ranks 40 out of 165 countries assessed for Multi Hazard Risk. Indonesia has a Multi Hazard Risk higher than $76 \%$ of countries assessed. This indicates that Indonesia 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.

Indonesia ranks 71 out of $\mathbf{1 6 5}$ countries assessed for Lack of Resilience. Indonesia is less resilient than $57 \%$ of countries assessed. This indicates that Indonesia has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.


Source: $\underline{P D C}$

## 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 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 12-Sep-2007 00:11:00 | 8.40 | 34 | INDONESIA: SUMATRA | $4.44{ }^{\circ} \mathrm{S} / 101.37^{\circ} \mathrm{E}$ |
|  | 24-Nov-1833 00:00:00 | 8.30 | 75 | INDONESIA: SUMATRA: BENGKULU | $2.5{ }^{\circ} \mathrm{S} / 100.5^{\circ} \mathrm{E}$ |
|  | 12-Sep-2007 00:23:00 | 7.90 | 35 | INDONESIA: SUMATRA | $2.62{ }^{\circ} \mathrm{S} / 100.84{ }^{\circ} \mathrm{E}$ |


| Event | Date (UTC) | Magnitude | Depth (Km) | Location | Lat/Long |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 04-Jun-2000 00:16:00 | 7.90 | 33 | INDONESIA: SUMATRA: BENGKULU, engagno | $4.72{ }^{\circ} \mathrm{S} / 102.09^{\circ} \mathrm{E}$ |
|  | 25-Oct-2010 00:14:00 | 7.70 | 21 | INDONESIA: SUMATRA | $3.48^{\circ} \mathrm{S} / 100.11^{\circ} \mathrm{E}$ |

Source: Earthquakes

## Volcanic Eruptions:

## 5 Largest Volcanic Eruptions (Last updated in 2000)

Event | Name |
| :---: |
| MARAPI |

Source: Volcanoes

## Tsunami Runups:

| 5 Largest Tsunami Runups |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|  | 25-Oct-2010 00:00:00 | INDONESIA | 3 | - | BETUMONGA, NORTH PAGAI ISLAND | $2.82{ }^{\circ} \mathrm{S} / 100.03^{\circ} \mathrm{E}$ |
|  | 25-Oct-2010 00:00:00 | INDONESIA | 3 | 1 | BULASAT, NORTH PAGAI ISLAND | $3.01^{\circ} \mathrm{S} / 100.28^{\circ} \mathrm{E}$ |
|  | 25-Oct-2010 00:00:00 | INDONESIA | 3 | 170 | DETUMONGA, NORTH PAGAI ISLAND | $2.7{ }^{\circ} \mathrm{S} / 100^{\circ} \mathrm{E}$ |
|  | 25-Oct-2010 00:00:00 | INDONESIA | 3 | - | SIPORA ISLAND, MENTAWAI ISLANDS | $2.18{ }^{\circ} \mathrm{S} / 99.63^{\circ} \mathrm{E}$ |
|  | 25-Oct-2010 00:00:00 | INDONESIA | 3 | - | MUNTEI BARU, SILABU ISLAND | $2.75{ }^{\circ} \mathrm{S} / 100^{\circ} \mathrm{E}$ |

Source: Tsunamis

Wildfires:

| 5 Largest Wildfires |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Event | Startend Date(UTC) | Size (sq. km.) | Location | Mean LatLong |
| 1is | 17-Jun-2004 00:00:00- 16-OCl-2004 00:00:00 | 38.50 | Indonesia | $1.65{ }^{\circ} \mathrm{S} / 0.0 .99^{\circ} \mathrm{E}$ |

## Tropical Cyclones:

## 5 Largest Tropical Cyclones

| Event | Name | Start/End Date(UTC) | Max Wind Speed (mph) | Min Pressure (mb) | Location | Lat/Long |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { 1992-04- } \\ 05 \end{gathered}$ | $\begin{gathered} 05-A p r-1992 \text { 12:00:00-18-Apr-1992 } \\ \text { 06:00:00 } \end{gathered}$ | 138 | No Data | Indian Ocean | $11.6^{\circ} \mathrm{S} / 91.8^{\circ} \mathrm{E}$ |
| (c) | $\begin{gathered} \text { 1964-02- } \\ 24 \end{gathered}$ | $\begin{gathered} \text { 25-Feb-1964 00:00:00-01-Mar-1964 } \\ \text { 06:00:00 } \end{gathered}$ | 46 | No Data | Indian Ocean | $18.35{ }^{\circ} \mathrm{S} / 94.1^{\circ} \mathrm{E}$ |

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.

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