

How OCHA uses geo-referenced data to prepared for and respond to humanitarian emergencies

John Marinos, Information Management Officer Bangkok, 20 February

www.unocha.org

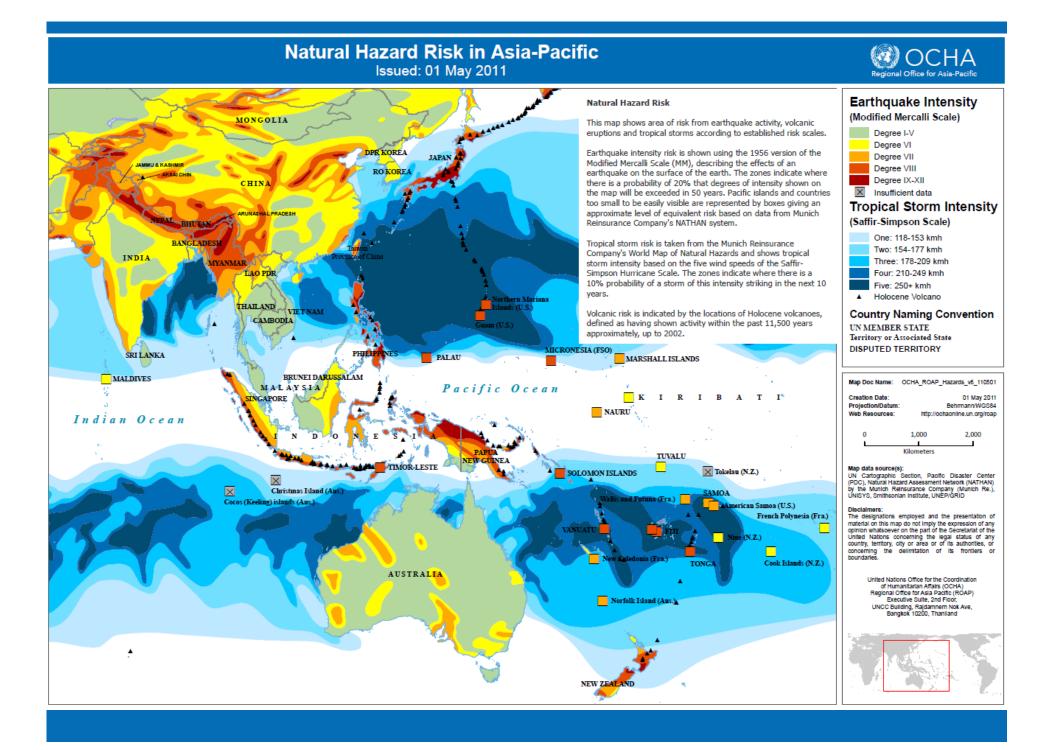


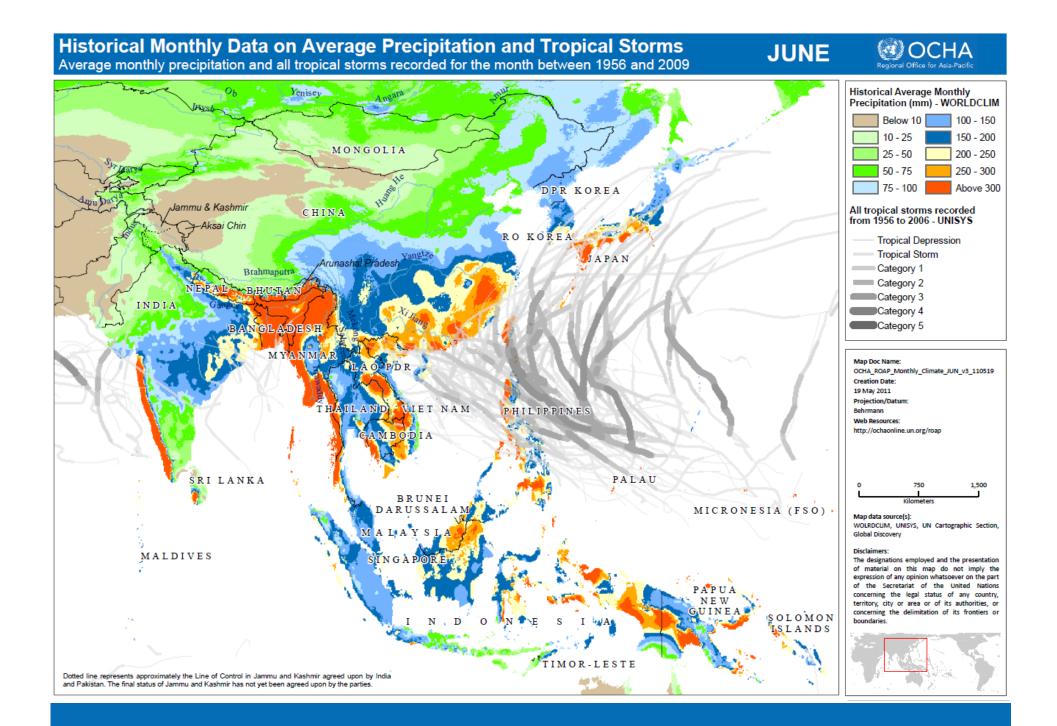
Understanding the region

The UN-OCHA Regional Office provides access to information products which show the nature of natural hazards which threaten member states in the Asia-Pacific region.

We do this to:

- Raise awareness
- Prioritize preparedness activities



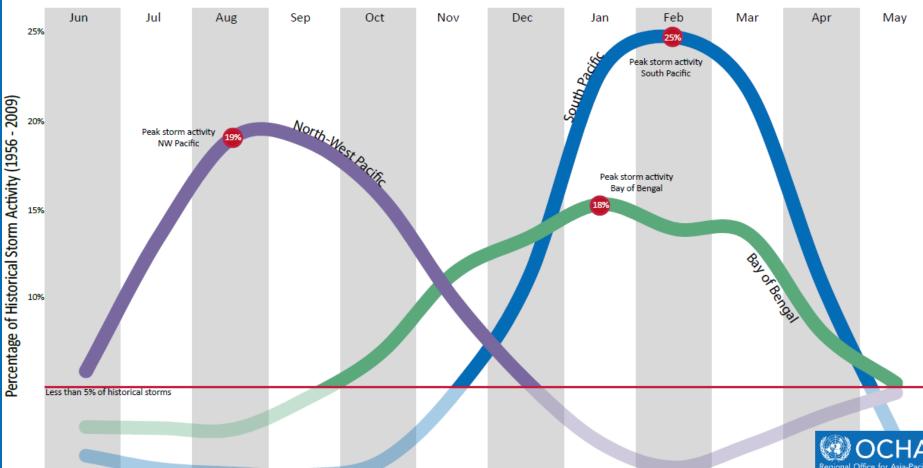


Storm Seasons in the Asia-Pacific As of August 2011 Storm season in the South Pacific runs from November to April. February is the peak month for storm activity. Storm season in the Eastern Indian Ocean/Bay of Bengal runs from September to May. January is the peak month for storm activity. Storm season in the Northwest Pacific runs from June to December. August is the peak month for storm activity.

South Pacific

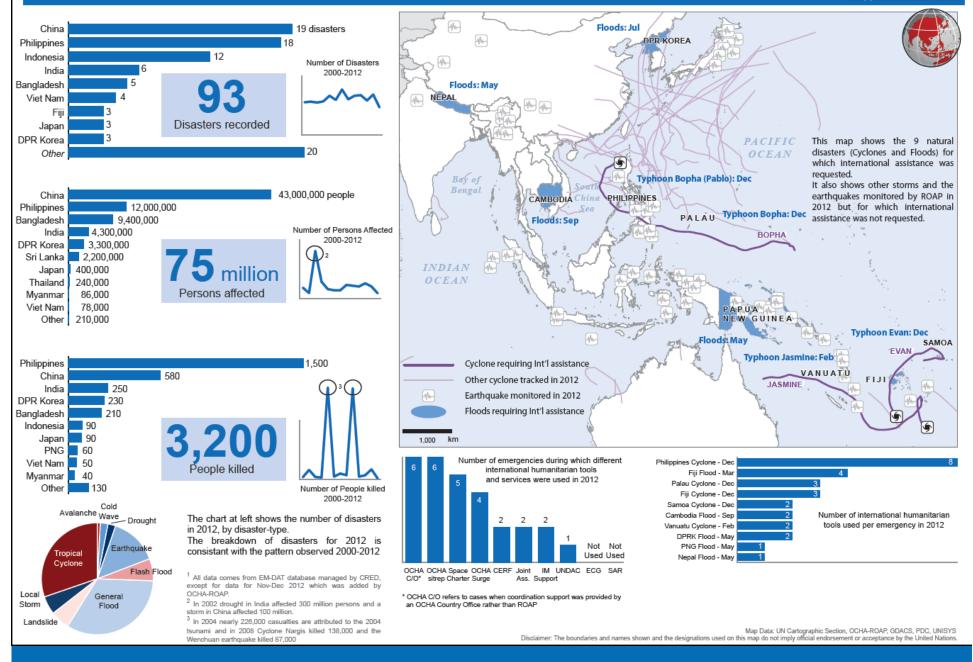
The graph below was created by calculating the historical storm activity for each region and for each month as a percentage of the total for that region. For example approximately 25% of all storm activity in the South Pacific occurred in February, while nearly 0% took place in August and September.

Data Source: UNISYS Storm tracks 1956-2009



Humanitarian Snapshot: Natural Disasters in Asia-Pacific - 2012¹

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Responding to emergencies

The UN-OCHA Regional Office (and all other OCHA offices) use Geo-referenced data to:

- understand
- explain
- visualize
- coordinate....

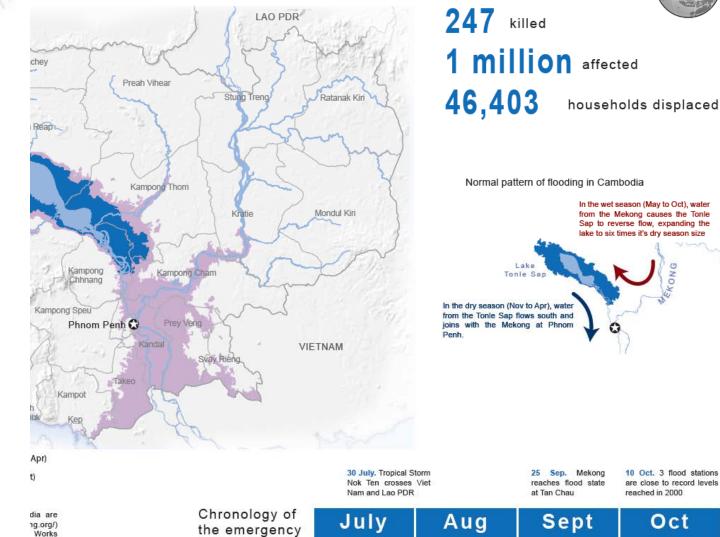
.... Emergency response operations, on behalf of the international community, in support of, and under the overall leadership of national governments.

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y monsoon rains and a series of tropical storms caused sia, affecting 18 of Cambodia's 24 provinces.





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In the wet season (May to Oct), water from the Mekong causes the Tonle Sap to reverse flow, expanding the lake to six times it's dry season size

> 10 Oct. 3 flood stations are close to record levels reached in 2000

> > Oct

NO