

M 5.5, MINDANAO, PHILIPPINES

Origin Time: Sun 2016-02-28 09:06:25 UTC (09:06:25 local)

Location: 5.28°N 125.33°E Depth: 175 km

Created: 5 weeks, 5 days after earthquake

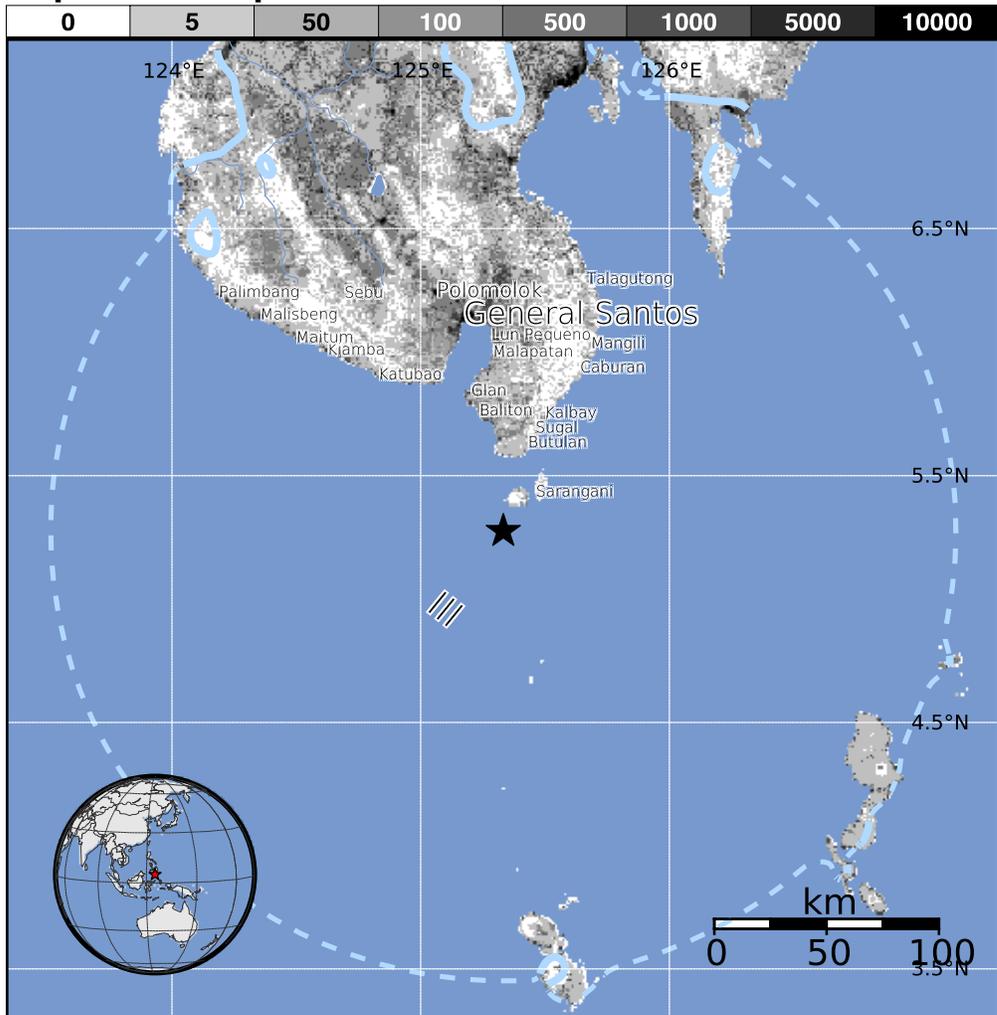


Estimated Population Exposed to Earthquake Shaking

| | | | | | | | | | | |
|---|-----------------------|----------|--------|-------|----------|----------|----------------|----------------|----------|----------|
| ESTIMATED POPULATION EXPOSURE (k = x1000) | | --* | 8,935k | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESTIMATED MODIFIED MERCALLI INTENSITY | | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | none | none | none | V. Light | Light | Moderate | Moderate/Heavy | Heavy | V. Heavy |
| | Vulnerable Structures | none | none | none | Light | Moderate | Moderate/Heavy | Heavy | V. Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure



Structures:

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

| Date (UTC) | Dist. (km) | Mag. | Max MMI(#) | Shaking Deaths |
|------------|------------|------|--------------|----------------|
| 2007-08-20 | 248 | 6.4 | IV(12,961k) | 0 |
| 2005-02-05 | 218 | 7.1 | III(15,484k) | 2 |
| 2002-03-05 | 149 | 7.5 | VIII(12k) | 15 |

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

| MMI City | Population |
|--------------------|------------|
| III Buayan | 15k |
| III Baliton | 6k |
| III Katangawan | 8k |
| III Ilaya | 3k |
| III Pangyan | 5k |
| III Tinagacan | 5k |
| III Koronadal | 126k |
| III Davao | 1,213k |
| III Malingao | 1,122k |
| III Budta | 1,274k |
| III Cotabato | 179k |

bold cities appear on map

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<http://earthquake.usgs.gov/earthquakes/eventpage/us10004taw>

Event ID: us10004taw