## 22 April 2014: Pacific - Recent earthquakes



**PACIFIC OCEAN** 

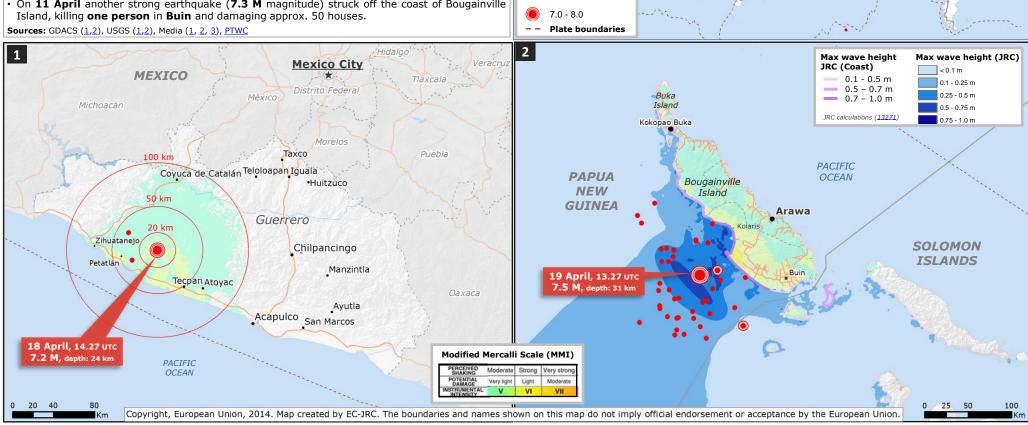
## 1 Mexico - Earthquake

- On 18 April at 14.27 UTC an earthquake of 7.2 M magnitude (depth 24 km) struck southwestern Mexico. The epicenter was located approx. 36 km north-northwest of Tecpan de Galeana (Guerrero State). USGS-PAGER indicates shaking up to "Strong" for 263 000 people.
- The quake was felt across several states and in Mexico City. There were no reports of casualties; tens of houses were reported damaged along the coast of Guerrero (most affected the municipalities of **Tecpan de Galeana**, **Petatlan** and **Zihuatanejo**); a state of emergency was declared for ten municipalities in Guerrero; power outages were observed in Mexico City and Chilpancingo.

Sources: ECHO, GDACS, USGS, Mexico Gov. (1, 2), Media

## 2 Papua New Guinea, Solomon Islands - Earthquakes

- On **19 April** at 13.27 UTC, an earthquake of **7.5 M** magnitude (depth 31 km), struck off the coast of the island of Bougainville (Papua New Guinea). The epicenter was located approx. 87 km south-west of Arawa. A tsunami warning was briefly issued for the Pacific Island nation and neighbouring Solomon Islands. JRC calculations indicated a wave of 0.7 m in Koiaris. Aftershocks followed this event, including one of magnitude 6.1 M on 20 April.
- As of early 22 April (media), one person was reported injured in Buin (Bougainville island).
- On 11 April another strong earthquake (7.3 M magnitude) struck off the coast of Bougainville Island, killing **one person** in **Buin** and damaging approx. 50 houses.



Earthquake magnitude (16 -22 April 2014)

4.0 - 6.0

6.0 - 7.0