

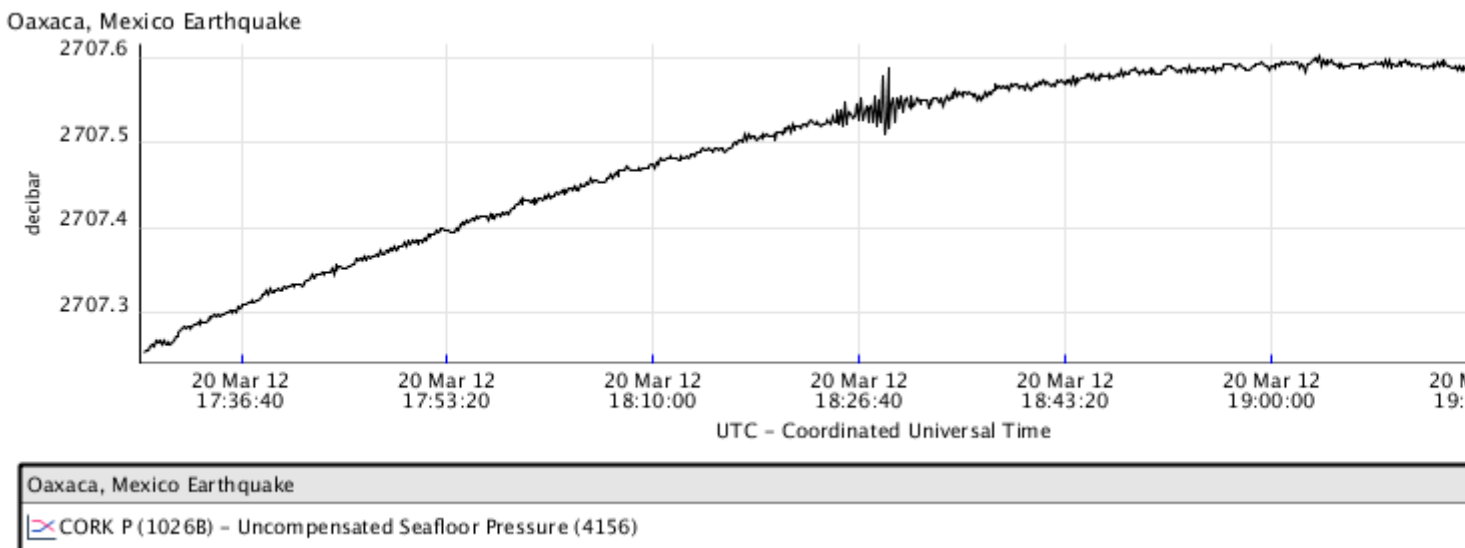
Oaxaca Earthquake Sensed by ONC CORKs

[1]

Submitted by Rory Lattimer Tue, 2012-03-20 00:00

A magnitude 7.4 earthquake struck the state of Oaxaca, Mexico at 12:02 local time, 20 March 2012. This region is above a tectonic plate boundary where the Cocos Plate is being subducted below the North American Plate at a rate of 6.4 cm/yr. Moderate to very strong shaking [2] was experienced throughout an area within 100km of the epicenter.

24 minutes later, the seafloor pressure sensor on CORK [3] 1026B at our Cascadia Basin [4] (formerly ODP 1027) location sensed the pressure waves as they propagated through the earth. This trace shows these observations:



[5]

For more information:

[USGS Info Page](#) [6]

[Wikipedia Info Page](#) [7]

[Data Trace in our Plotting Utility](#) [8] (login required)

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document.getElementById("breadcrumb"); if (ONC_breadcrumb) { var ONC_innerHTML =  
ONC_breadcrumb.innerHTML; ONC_innerHTML = ONC_innerHTML.replace("&", "&");  
ONC_breadcrumb.innerHTML = ONC_innerHTML; }
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(function () { var d = new Date; var year = d.getFullYear();  
document.getElementById("copyright-date").innerHTML = year; })();
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Source URL: <http://www.oceannetworks.ca/oaxaca-earthquake-sensed-onc-corks>

Links:

- [1] <http://www.oceannetworks.ca/oaxaca-earthquake-sensed-onc-corks>
- [2] http://en.wikipedia.org/wiki/File:Intensity_Oaxaca_2012.jpg
- [3] <http://www.oceannetworks.ca/corks>
- [4] <http://www.oceannetworks.ca/installations/observatories/northeast-pacific/cascadia-basin>
- [5] http://www.oceannetworks.ca/sites/default/files/images/pages/data/oaxaca_eq_20mar2012.png
- [6] <http://earthquake.usgs.gov/earthquakes/recenteqsww/Quakes/usc0008m6h.php>

- [7] http://en.wikipedia.org/wiki/2012_Oaxaca_earthquake
- [8] <http://dmas.uvic.ca/PlottingUtility?refLink=MjYwM3w1MTU5NEQ>
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