



Published on *Ocean Networks Canada* (<https://www.oceannetworks.ca>)

[Home](#) > Ocean Networks Canada sensors detect earthquake in central Mexico

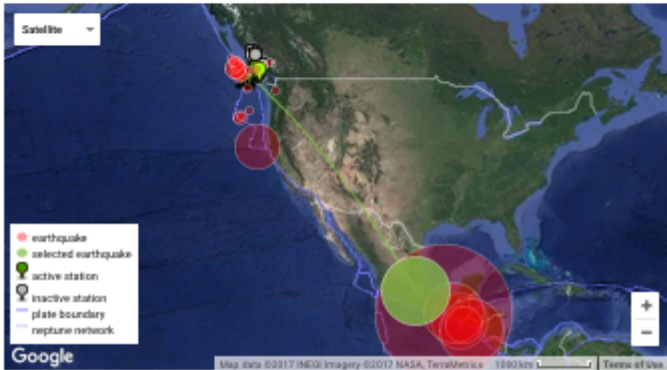
Ocean Networks Canada sensors detect earthquake in central Mexico

Submitted by Katie Shoemaker Tue, 2017-09-19 13:10

Ocean Networks Canada (ONC) underwater earthquake sensors off the west coast of Vancouver Island detected in real-time the magnitude 7.1 earthquake in central Mexico today.

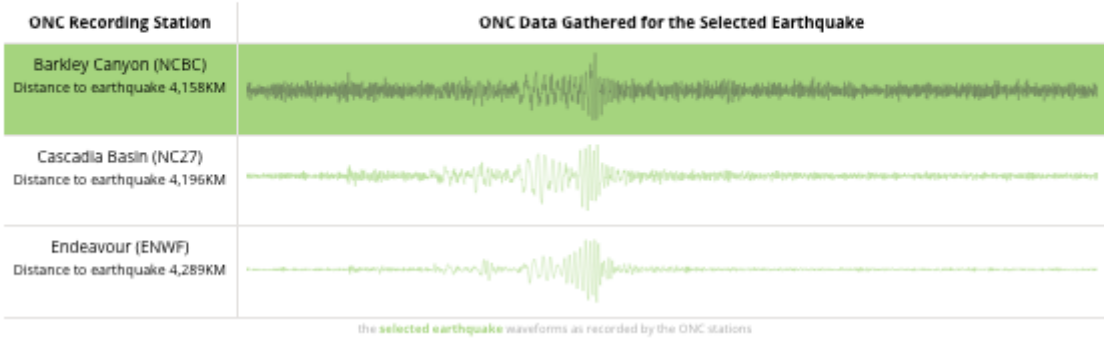
Earthquake Data Dashboard

The interactive dashboard below lets you explore recent earthquakes around Vancouver Island and around the world (see below for additional information and instructions).



Mag.	Date (UTC)	Location
7.1	2017-09-19 18:14:39	CENTRAL MEXICO
8.1	2017-09-08 04:49:21	NEAR COAST OF CHIAPAS, MEXICO
6.1	2017-09-07 17:26:49	BONIN ISLANDS, JAPAN REGION
6	2017-09-04 08:07:35	SOUTH SANDWICH ISLANDS REGION
6.3	2017-09-03 03:30:01	NORTH KOREA

selected earthquakes within the last year



The sensors located at Barkley Canyon, Cascadia Basin and Endeavour on and near the Cascadia subduction zone recorded seismic activity from more than 4,000 kilometres away.

Today's earthquake in central Mexico is yet another reminder and opportunity for

British Columbia to ramp up efforts to complete our earthquake early warning system before the 'Big One' hits,' says ONC Innovation Centre Business Analyst Teron Moore.

Earlier this month, ONC sensors also picked up the magnitude 8.1 earthquake that struck off Mexico's southwest coast near the Guatemalan border.

In February 2016, the Government of British Columbia invested \$5 million for ONC to develop and install an earthquake early warning system.

British Columbia's earthquake early warning system is currently in development and will be installed, tested and delivered to Emergency Management BC by March 2019. Once completed, the system will be capable of providing British Columbians with advance warning of a large mega-thrust earthquake occurring at the Cascadia subduction zone.

Unlike Mexico's land-based sensors, British Columbia's earthquake early warning system has the advantage of underwater sensors deployed on or near the Cascadia subduction zone. The closer a sensor is to an earthquake's epicentre, the more advance warning can be provided.

ONC is an initiative of the University of Victoria.

More Information:

[Ocean Networks Canada Earthquake Data Dashboard webpage](#)

[Ocean Networks Canada Earthquake Early Warning webpage](#)

Media Contact:

Greig Bethel

Media Relations Officer

Ocean Networks Canada

250-472-4743

gbethel@oceannetworks.ca

Categories:

- [News Release](#)

```
// FIXES AMPERSAND IN BREADCRUMB var ONC_breadcrumb =  
document.getElementById("breadcrumb"); if (ONC_breadcrumb) { var ONC_innerHTML =  
ONC_breadcrumb.innerHTML; ONC_innerHTML = ONC_innerHTML.replace("&", "&");  
ONC_breadcrumb.innerHTML = ONC_innerHTML; }
```

Highlights

- [Audio](#)
- [Data](#)
- [Learning](#)
- [Science](#)
- [Video](#)

Reading Room

- [Active Research](#)
- [Backgrounders](#)
- [FAQs](#)
- [Glossary](#)
- [News Briefs](#)
- [News Stories](#)
- [Newsletters](#)
- [Publications](#)

Cool Stuff

- [Apps](#)
- [Digital Fishers](#)
- [iBooks & e-Pubs](#)
- [Live Video](#)
- [Maps](#)
- [Images](#)
- [State of the Ocean](#)

Data & Tools

- [Apps](#)
- [Data Plots](#)
- [Data Search](#)
- [Data Policy](#)
- [Data Help](#)
- [OPeNDAP Web Services](#)

Opportunities

- [Calendar](#)
- [Educator Opportunities](#)
- [Global Partnerships](#)
- [Industry Network](#)
- [Jobs](#)
- [Staff List](#)
- [Technology Services](#)

Sites & Instruments

- [Arctic Sites](#)
- [Northeast Pacific Sites](#)
- [Salish Sea Sites](#)
- [Notice to Mariners](#)

Follow Us



[Sign up for our newsletter](#)

Feedback

Send us your questions and comments *

How could we improve this page?

Your Name

Your Email *

Your Location

CAPTCHA

This question is for testing whether or not you are a human visitor and to prevent automated spam submissions.



What code is in the image? *
Enter the characters shown in the image.



[About Us](#) | [Contact Us](#) | [Media Relations](#) | [Legal Notices](#)

© Ocean Networks Canada. All rights reserved. 2474 Arbutus Road, Victoria, BC, V8N 1V8
| 1.250.472.5400

```
(function () { var d = new Date; var year = d.getFullYear();  
document.getElementById("copyright-date").innerHTML = year; })();
```

Source URL: <https://www.oceannetworks.ca/ocean-networks-canada-sensors-detect-earthquake-central-mexico>