### **Raspberry Shake**

An affordable, professional earthquake registration device (Seismograph)

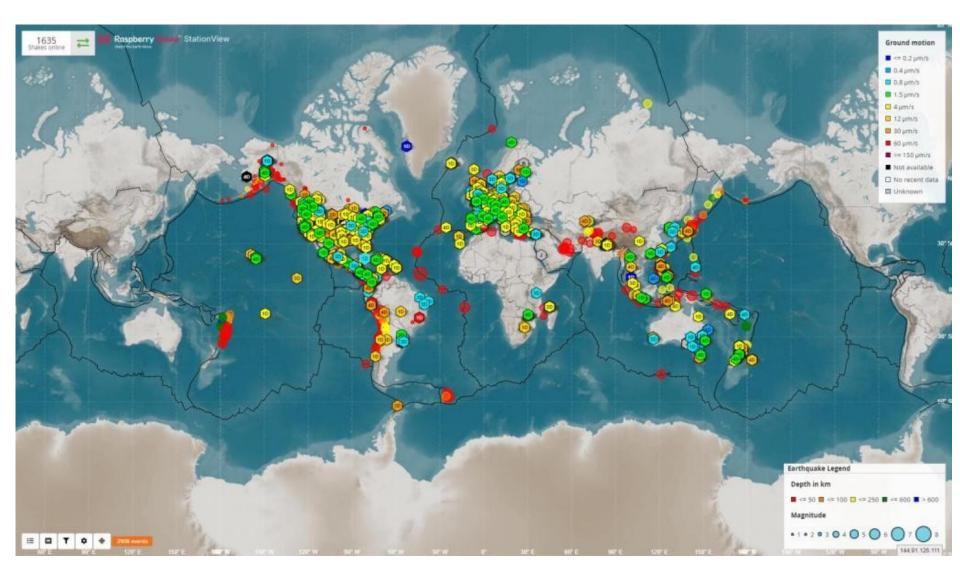






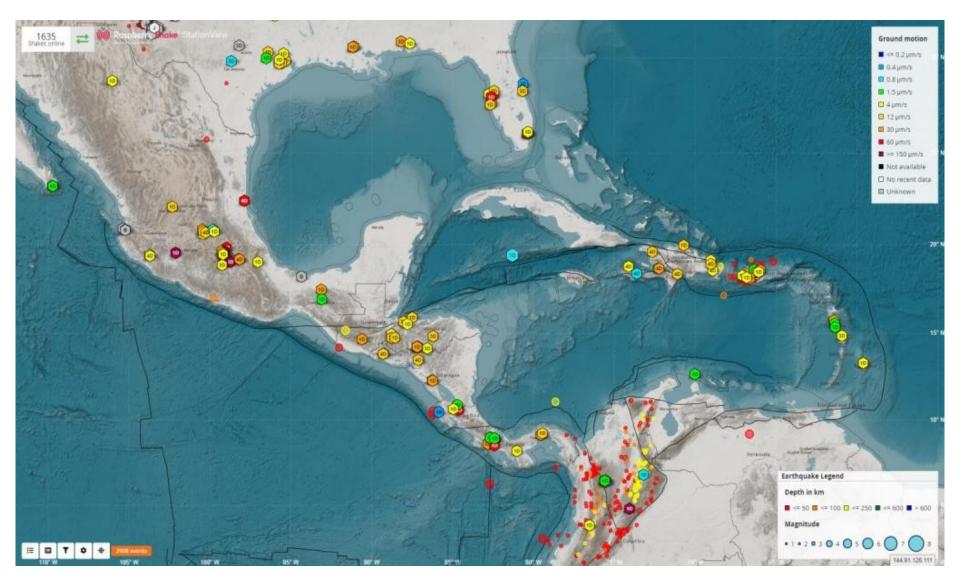
### US\$ 375 for a complete Turnkey System or US\$ 160 for Board and Sensor only (Supply your own Raspberry Pi)





More then 1600 devices connected all around the world





We need some more devices in the Caribbean



## **Raspberry Shake**

- Uses Internet connection through WiFi or ethernet cable
- Can be put anywhere, preferably in a quiet place on the (ground) floor
- Runs 24/7 non stop without any attention
- Output always available in your web browser



## **Raspberry Shake**

- Software is free for personal and educational use
- Software allows for looking at all 1600 devices
- Lots of educational info (YouTube) available for use in schools
- Software can be extended easily (Python)
- Active user forum for support
- Go to <u>www.raspberryshake.org</u> for all info



### Guatemala - Earthquake (GDACS, CONRED, USGS, INSIVUMEH) (ECHO Daily Flash of 17 February 2022)

News and Press Release • Source: ECHO • Posted: 17 Feb 2022 • Originally published: 17 Feb 2022 • Origin: View original #

#### An earthquake of 6.8 M at a depth of 84 km occurred on 16 February at 7.12 UTC (1.12 local time) in the eastern Escuintla Department (southern Guatemala).

- The epicentre was located in the Nueva Concepción Town area (Escuintla Department) and USGS PAGER estimates that up to 3,838 people were exposed to moderate shaking.
- Reports of over 25 aftershocks, some with magnitude up to 5.0 M have been recorded in different parts of the country according to the National Coordinator for Disaster Reduction (CONRED).
- According to the CONRED, three people have died and almost 31,300 people have been affected across eight departments (Baja Verapaz, Chimaltenango, Guatemala, Quetzaltenango, Sacatepéquez, Sololá, Suchitepéquez and Totonicapán). In addition, three houses have been damaged, ten buildings and 16 roads affected.

#### Primary country:

#### Guatemala

#### Source:

European Commission's Directorate-General for European Civil Protection and Humanitarian Aid Operations

#### Format:

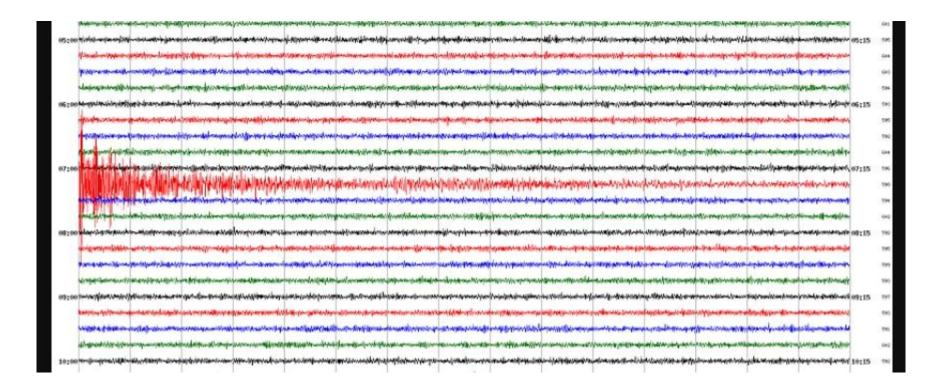
News and Press Release

#### Theme:

Shelter and Non-Food Items

Disaster type: Earthquake







# Reasons to get a Seismograph

- Get early earthquake info (Tsunami warning)
- Use as an educational tool at schools
- Can also detect heavy traffic, explosions, washing machines etc.
- Help the scientific community with getting data
- It's fun to see what's happening in your area



### www.raspberryshake.org

