



*Plate boundaries enclosing the Australian tectonic plate with locations of major earthquakes in the complex collision zone north of Australia (large orange dots) during the week 19–25 March 2024*

# WA Array: listening to the Earth

This StoryMap is the newest release in the series published by the Geological Survey of Western Australia (GSWA). It illustrates how we use earthquakes to explore Western Australia's geology.

The StoryMap contains the following sections:

- Western Australia shaken
- Earthquakes Australia-wide
- WA Array
- What is a seismometer?
- WA Array is listening
- Putting it together
- Monitoring the pulse



*WA Array field team meet the helicopter pilot to begin the day's work*

GSWA has launched a long-term program of earthquake monitoring called **WA Array**. This ambitious project is mapping the state's seismic activity in greater detail than ever before. It is one of the largest high-resolution passive-seismic experiments carried out anywhere.

The program is funded by the State Government as part of its ongoing program of providing the public with data and information about the geoscience of Western Australia.

## WA Array: listening to the Earth

Enquiries to [publications@dmirs.wa.gov.au](mailto:publications@dmirs.wa.gov.au)

Free (online): <https://storymaps.arcgis.com/stories/aac96da6c12f431f95463d1f16aa7bdf>



Department of Energy, Mines,  
Industry Regulation and Safety

Geological Survey of  
Western Australia

