

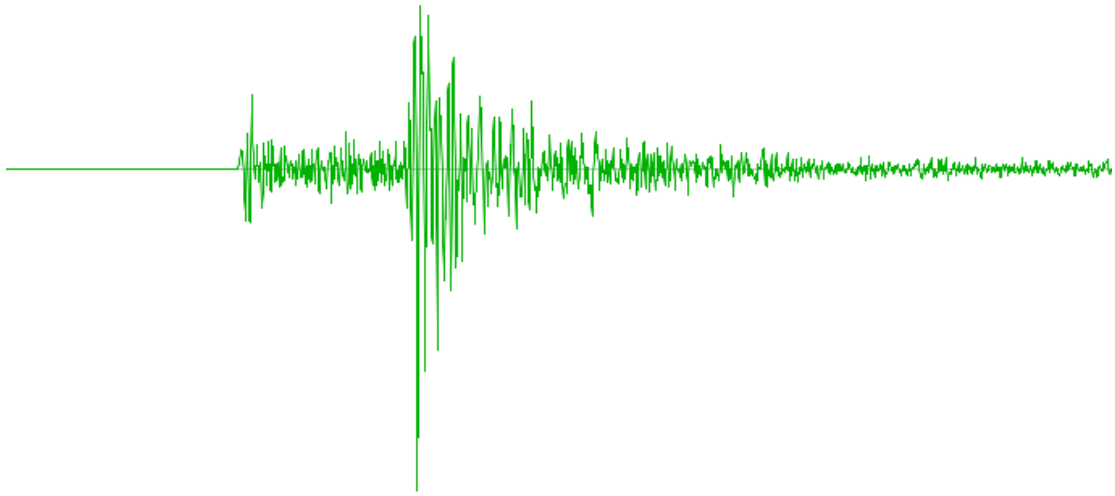
## Earthquake near Cleve 1<sup>st</sup> July 2018

David Love

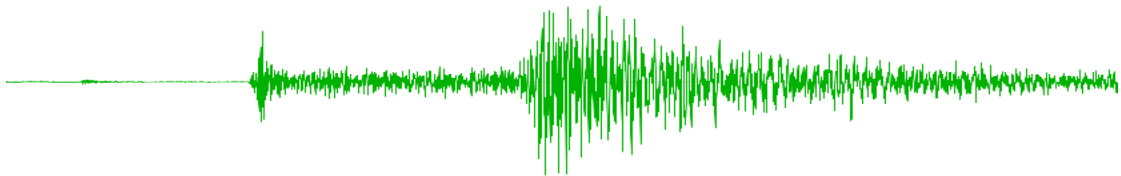
Seismologist, Seismological Association of Australia.

An earthquake occurred near Cleve on 1<sup>st</sup> July at 11:57am local time.

The Seismological Association of Australia calculated that it was centred 18km north-east of Cleve, at a depth of about 26km.



Earthquake recording from Cleve seismograph.

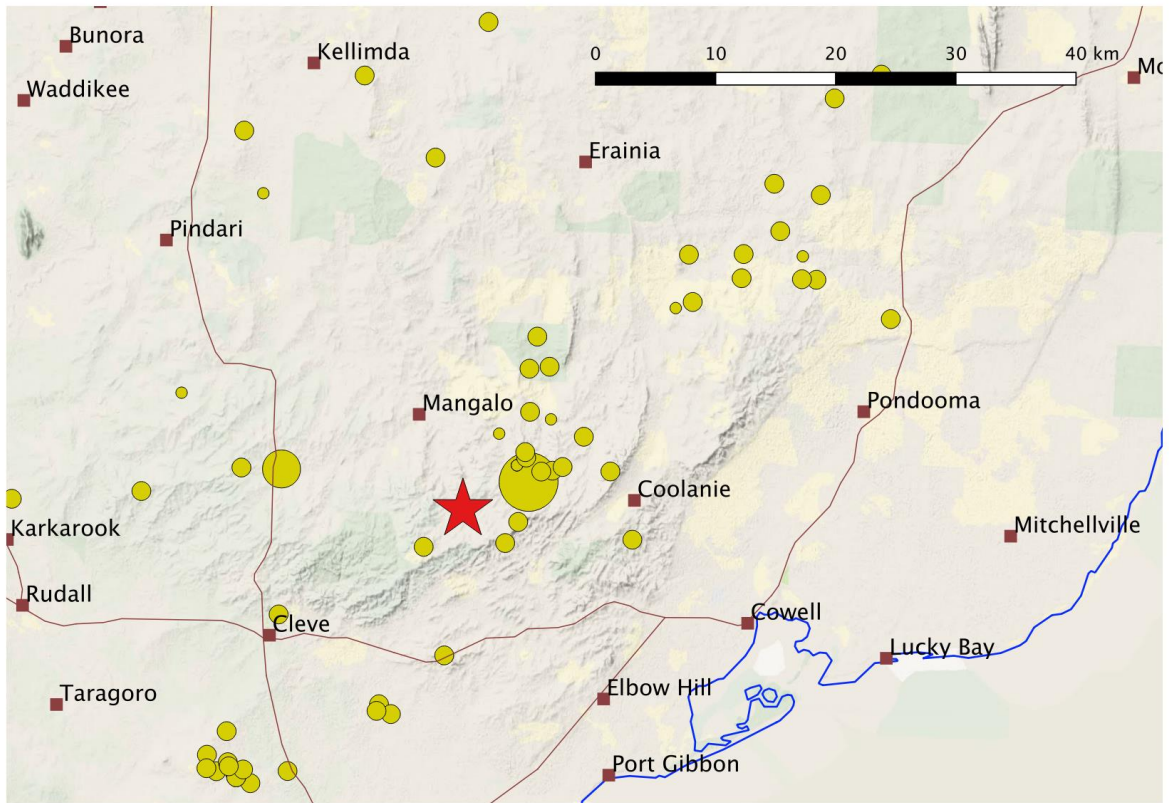


Earthquake recording from Cummins Area School seismograph.

It had a magnitude of 3.7, which would normally be felt up to about 45km away, however being at a depth of 26km would mean that people nearby were unlikely to get strong shaking.

Many seismographs operated by the Seismological Association, Geoscience Australia, schools and local citizen scientists have recorded the event. The nearest seismograph was on the outskirts of Cleve.

The hilly area to the north-east of Cleve has occasional activity. In 2010 an earthquake of about magnitude 5.0 occurred further to the north-east. It had a depth of about 20km. The following year, a magnitude 4.0 earthquake occurred only slightly north of Cleve.



Earthquakes over magnitude 2 from 2008 to 2018.



Seismographs used to calculate the epicentre of the earthquake.