



Government of Samoa

## Ministry of Natural Resources, Environment & Meteorology

### METEOROLOGY DIVISION

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### FELT EARTHQUAKE REPORT

COMPILED AND ISSUED BY THE SAMOA METEOROLOGY DIVISION

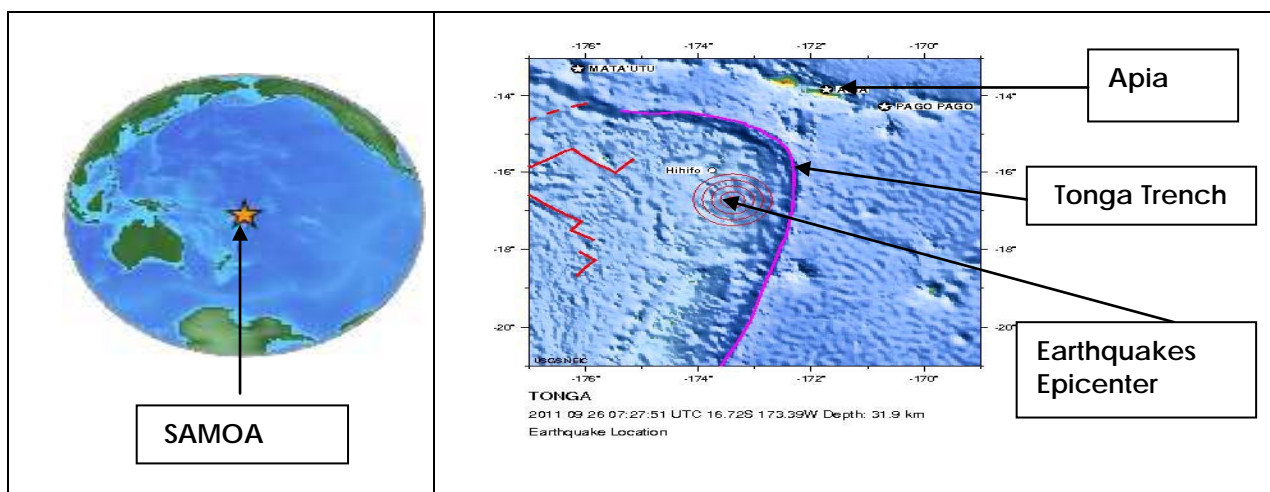
DATE – 25<sup>TH</sup> SEPTEMBER 2011

A magnitude 5.1 earthquake in the Tongan Region has occurred at: 16.716°S, 173.394°W, Depth of 31.9 km on Sunday September 25 2011 at 07:27:51 UTC, 9:27:51 pm Samoan local time.

### SUMMARY

Magnitude (Richter) – GSN reading	5.1
MMI Scale	MM 2
Region	Tongan Region
Coordinate Location	16.716°S, 173.394°W
Depth (km)	31.9 km
Time (SLT)	9:27:51 pm Sun 25/09/2011
Distance from Samoa (km)	<b>365 km SSW of Apia, Samoa</b>
Felt (YES / NO / ?)	Yes. (Moataa, Matautu, Lotopa villages)
Tsunami (YES / NO / ?)	No generated Tsunami
Damaging (YES / NO / ?)	No report of any damage from this ground motion shaking.

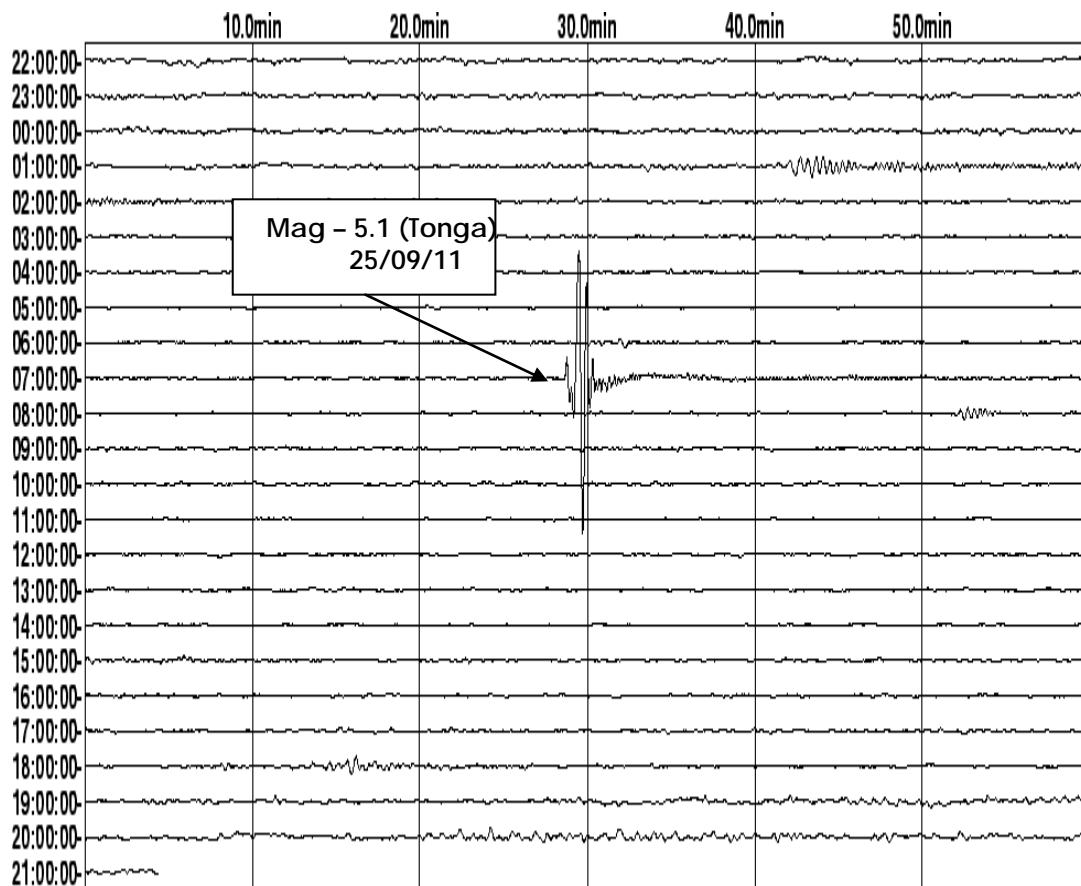
### MAP



Map: [www.usgs.cr.guv](http://www.usgs.cr.guv)

**Note: The parameters are preliminary and subject to revision. If anyone felt this event or experienced and damaged as a result please report it to the National Disaster Management Office or, the Samoa Meteorology Division.**

### AFIAMALU SEISMIC STATION DATA



AFI\_00/LHZ Start Date:09/25/11 Filter: band-pass Displacement Magnification = 3000.00 @ 0.020 Hz