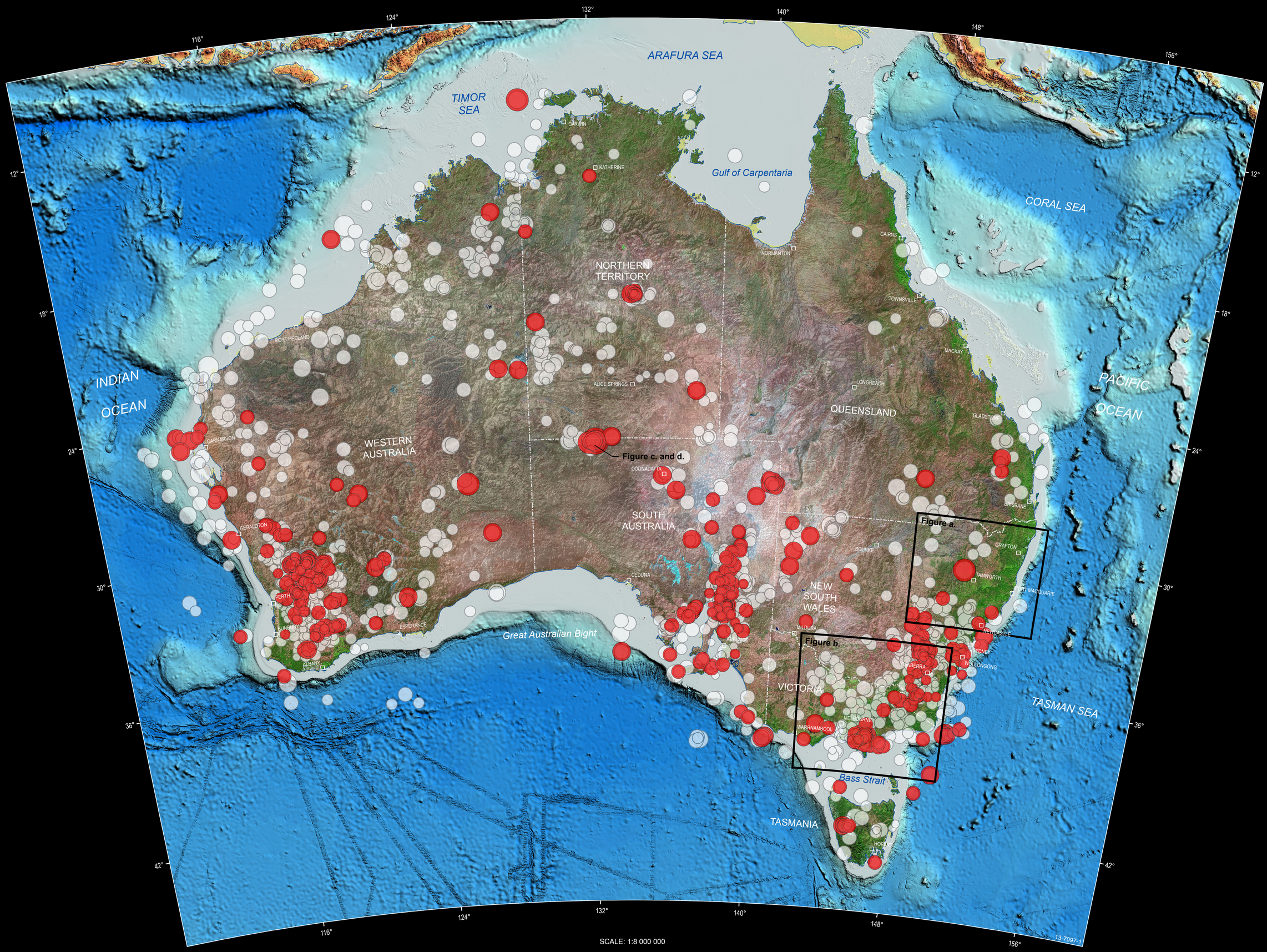
Australian Government
Geoscience Australia

AUSTRALIAN EARTHQUAKES 2012



SCALE: 1:8 000 000

0 1000 km

LAMBERT CONFORMAL CONIC PROJECTION
Central Meridian: 134°E Standard Parallels: -18°S, -36°S
Geocentric Datum of Australia
GeoCat No: 77011

13-7097-1

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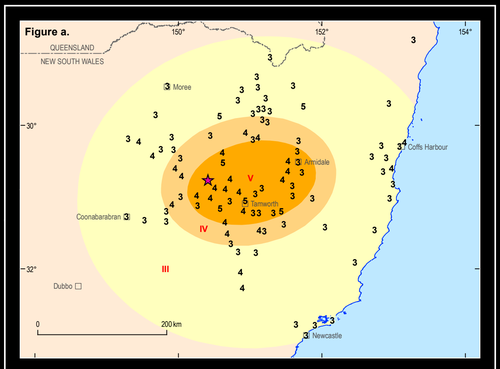


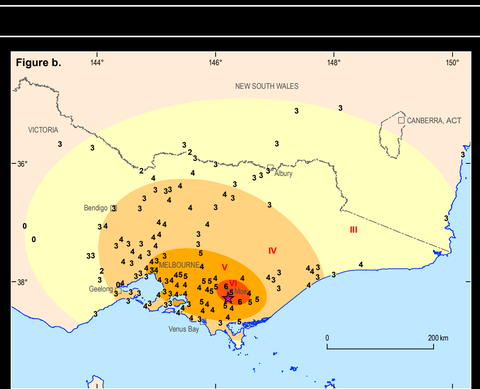
Fault scarp near Ernabella, South Australia, GPS for scale. Maximum displacement of scarp was 0.4m.

Earthquake data for 2012
Magnitude (ML)

- 0.00–1.00
- 1.01–1.90
- 1.91–2.90
- 2.91–3.90
- 3.91–4.90
- 4.91–5.90

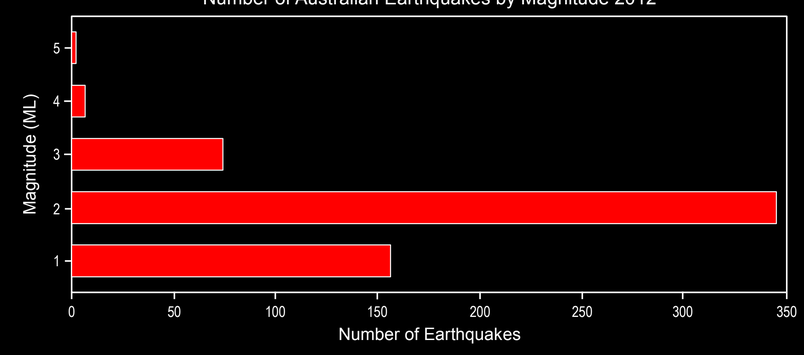
Australia's Top 11 Earthquakes 2012

Magnitude (ML)	Date	Time (UTC)	Latitude	Longitude	Depth (km)	Comments
5.7	23 Mar 12	09:25:19	-26.124	132.124	0	Near Ernabella, SA.
5.4	19 Jun 12	10:53:29	-38.304	146.200	10	SW of Moe, VIC.
4.5	05 Nov 12	19:31:49	-11.546	129.045	39	Offshore Bathurst Island, NT.
4.4	20 Jul 12	09:11:30	-38.307	146.230	0	Near Moe, VIC.
4.3	16 Mar 12	11:24:36	-26.174	131.824	15	Musgrave Ranges, SA.
4.2	08 Jun 12	11:31:00	-30.759	150.413	0	NW of Tamworth, NSW.
4.1	08 Jun 12	11:32:39	-30.748	150.400	0	NW of Tamworth, NSW.
4.0	28 Nov 12	22:35:22	-27.757	125.943	0	SW of Warburton, WA.
3.9	21 Mar 12	17:07:09	-28.231	136.001	0	SE of Oodnadatta, SA.
3.9	25 Mar 12	20:53:20	-30.324	136.821	0	Near Andamooka, SA.
3.9	29 Nov 12	19:21:18	-27.756	140.659	5	Near Innamincka, SA.



Surface rupture along fault scarp near Ernabella, South Australia, GPS for scale.

Earthquake data for the previous 10 year period
Magnitude (ML)

- 0.00–1.00
- 1.01–1.90
- 1.91–2.90
- 2.91–3.90
- 3.91–4.90
- 4.91–5.90

Number of Australian Earthquakes by Magnitude 2012