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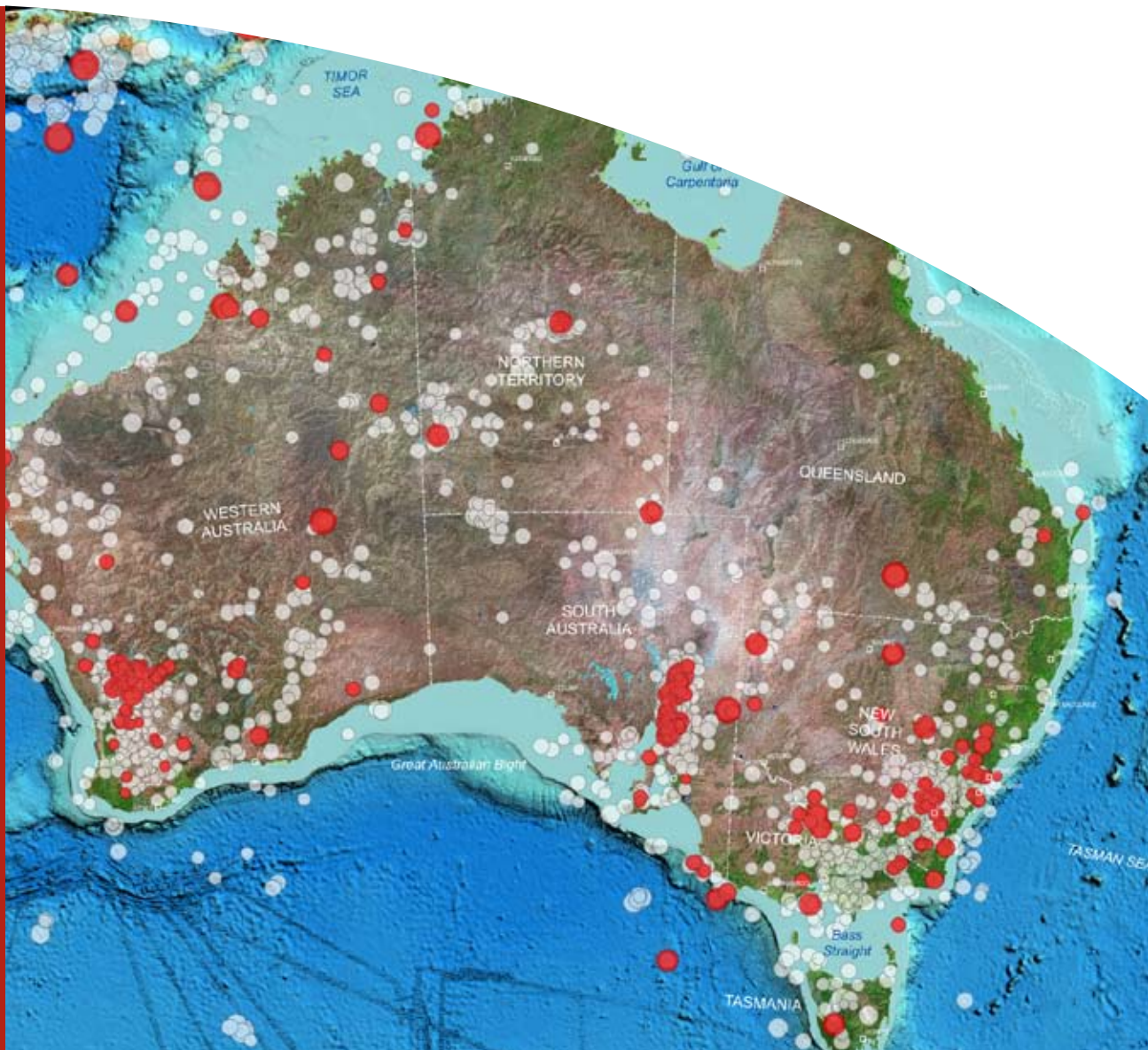
Australian Seismological Report 2008

D.H. Glanville

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RECORD 2009/37

by

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Australian Government
Geoscience Australia

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Introduction

This report details earthquakes detected and located by Geoscience Australia in 2008. Detailed summaries of earthquakes in Australia are provided, along with earthquakes detected within the Australian Region and the World as part of earthquake monitoring conducted in the operation of the Joint Australian Tsunami Warning System. Individual State and Territory earthquake summaries are included for more detailed information regarding earthquakes in that State/Territory. Tables are also provided detailing the largest earthquakes ever recorded in that State/Territory and largest earthquakes for that State/Territory in 2008, where appropriate. The date and time of the earthquake is provided in Universal Time (UTC).

More information can be accessed at the Geoscience Australia Recent Earthquakes Website:

<http://www.ga.gov.au/earthquakes/>

More information about the Joint Australian Tsunami Warning System can be accessed at:

<http://www.bom.gov.au/tsunami/>

If you have felt an earthquake you can lodge a felt report on our website. We use this information to construct isoseismal maps detailing intensity and felt radius for Australian earthquakes near population centres, and to gain a better understanding of the ground shaking characteristics for Australian earthquakes.

<http://www.ga.gov.au/hazards/earthquake/feltreport.jsp>

or follow the link from:

<http://www.ga.gov.au/earthquakes>

More earthquake and seismic information for New South Wales, Queensland, Tasmania and Victoria from ES&S can be found at:

<http://www.esands.com>

More earthquake and seismic information for South Australia can be found at:

http://www.pir.sa.gov.au/minerals/earthquakes/recent_earthquakes_in_sa

Australia

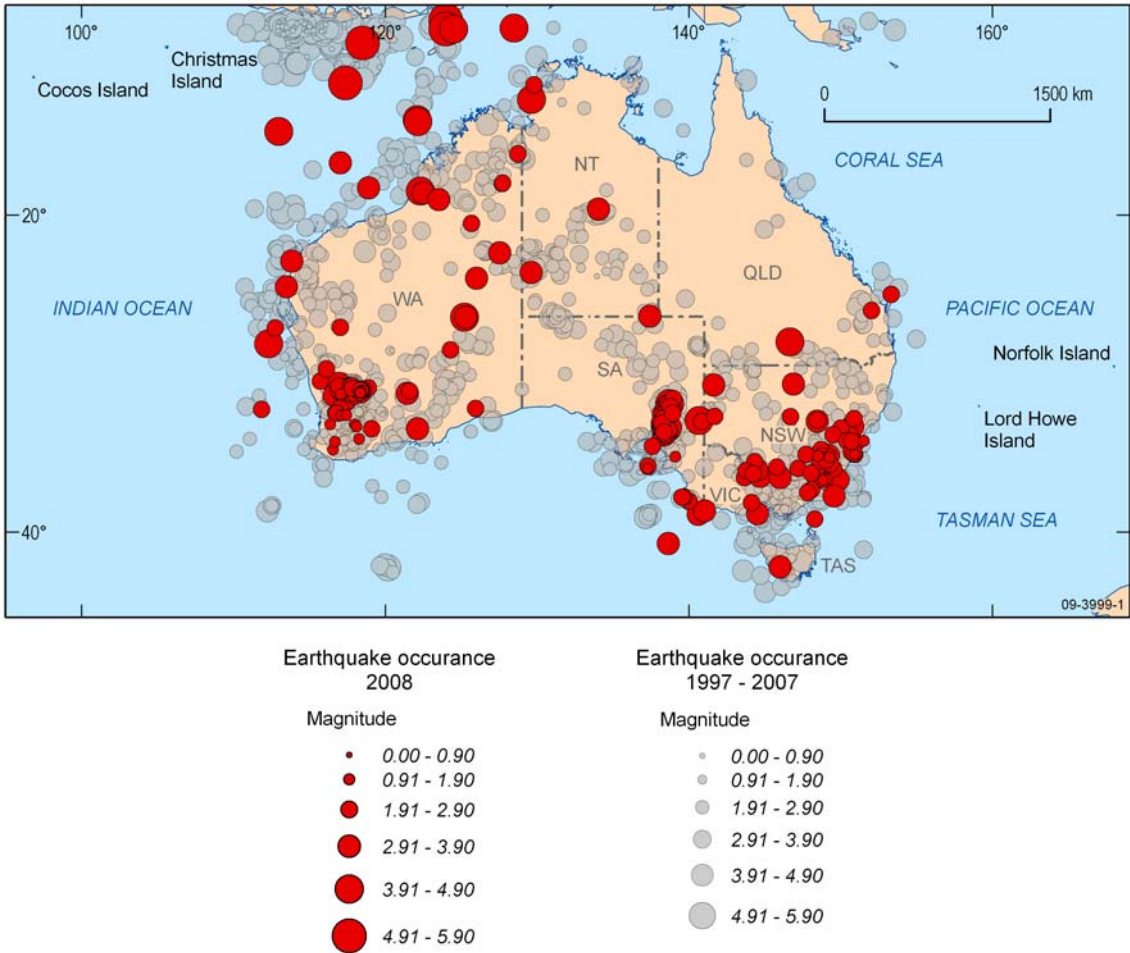


Figure 1: Map of 2008 Australian Earthquakes (magnitude sized circles with subdued historical seismicity).

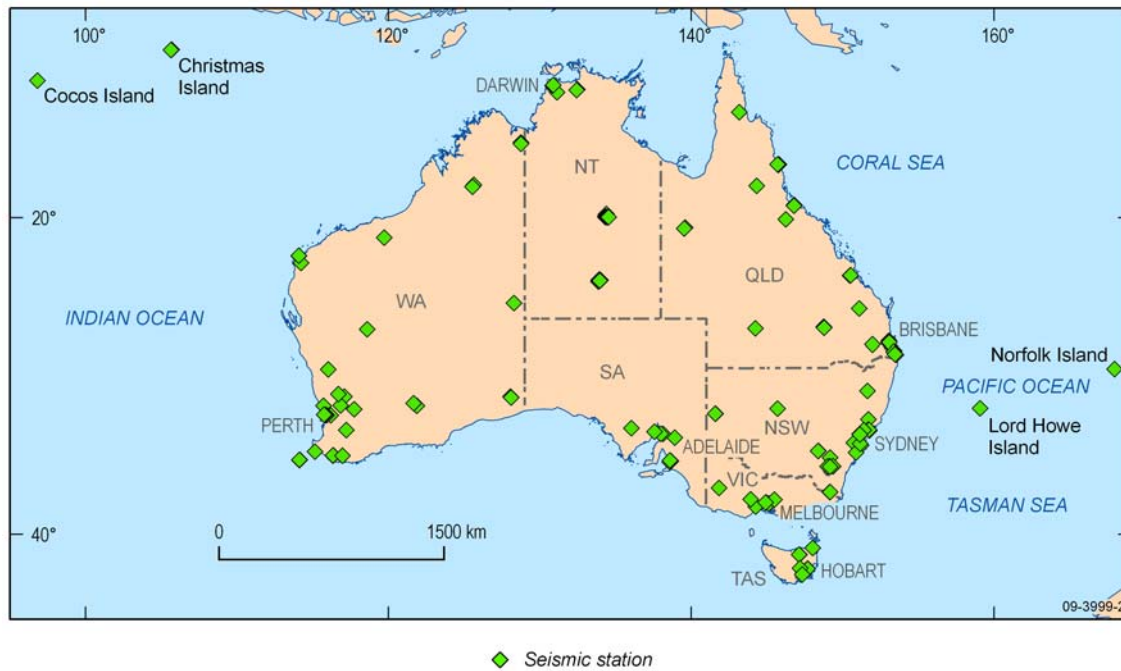


Figure 2: Map of Australian Seismic Stations (stations that are operated by Geoscience Australia, includes triggered stations).

Table 1: Australian Top 10 Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
4.7	28-May-08	4:30:52	-18.596	122.323	0	S of Broome WA.
4.5	9-Jul-08	23:45:20	-26.034	125.223	1	W of Warburton WA.
4.5	29-Jul-08	11:09:20	-14.550	122.110	0	Scott Reef, WA.
4.4	31-Mar-08	8:27:48	-27.666	112.332	17	SW of Carnarvon WA.
4.2	6-Feb-08	6:46:47	-13.402	129.644	6	SW of Darwin NT.
4.2	13-Feb-08	21:57:27	-27.551	146.651	0	NE of Cunnamulla QLD.
4.2	16-Nov-08	2:02:18	-31.402	138.729	19	NE of Hawker SA.
4.1	2-Aug-08	5:18:23	-14.656	122.166	2	Scott Reef, WA.
4.0	23-Oct-08	11:52:05	-32.477	140.656	6	SE of Radium Hill, SA.
4.0	21-Nov-08	4:26:55	-15.210	113.000	0	North-West Shelf, WA.

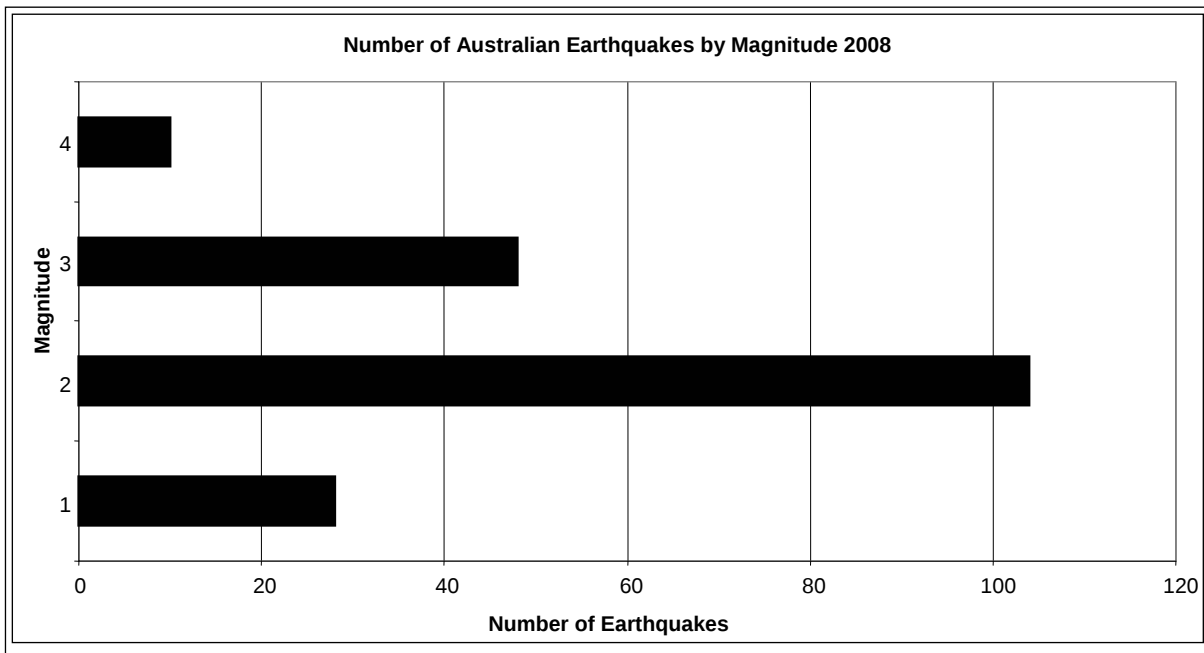


Figure 3: Number of Australian Earthquakes by Magnitude 2008

Table 2: Australian Top 10 Earthquakes

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
7.3	29-Apr-1941	01:35:39	-26.920	115.800	0	Meeberrie WA.
6.9	26-Jan-1892	16:48:00	-40.400	149.500	0	Tasman Sea NE TAS.
6.9	14-Oct-1968	02:58:50	-31.620	116.980	10	Meckering WA.
6.8	12-May-1885	23:37:00	-39.900	148.900	0	Tasman Sea NE TAS.
6.7	24-Mar-1970	10:35:17	-22.050	126.610	8	L Mckay WA.
6.7	22-Jan-1988	12:05:00	-19.838	133.994	5	Tennant Creek NT.
6.6	16-Aug-1929	21:28:23	-16.990	120.660	33	Broome WA.
6.6	23-Apr-1979	05:45:10	-16.660	120.270	26	Broome WA.
6.5	10-May-1897	05:26:00	-37.333	139.750	0	Beachport SA.
6.5	27-Jun-1941	07:55:49	-25.950	137.340	0	Simpson Desert NT.

Table 3: Time since last Magnitude 5, 6, and 7 in Australia as of end 2008.

MAGNITUDE	DATE	TIME (UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS	TIME SINCE
5.3	15-Feb-2007	15:38:36	-25.967	113.276	18	Shark Bay WA.	1 yr, 11 Mths
6.3	10-Aug-1997	09:20:31	-16.050	124.423	10	Collier Bay WA.	11 yrs
7.3	29-Apr-1941	01:35:39	-26.920	115.800	0	Meeberrie WA.	67 yrs

Table 4: Australian Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
2.1	08-Jan-2008	13:02:43	-30.272	117.823	1	N of Beacon WA.
1.8	12-Jan-2008	11:17:59	-30.810	117.086	0	N of Manmanning WA.
2.9	12-Jan-2008	12:24:29	-32.039	138.330	13	Port Augusta SA.
2.9	13-Jan-2008	16:16:58	-26.650	117.069	2	W of Meekatharra WA.
2.9	13-Jan-2008	21:01:05	-32.043	138.315	10	Port Augusta SA.
2.3	15-Jan-2008	12:51:52	-29.990	115.739	10	E of Eneabba WA.
1.4	17-Jan-2008	16:03:21	-32.863	118.122	0	NW of Lake Grace WA.
3.4	18-Jan-2008	00:42:45	-32.059	138.319	10	NE of Port Augusta SA.
2.8	18-Jan-2008	10:40:55	-30.534	118.590	13	E of Bonnie Rock WA.
2.1	18-Jan-2008	13:25:54	-30.543	118.439	0	E of Bonnie Rock WA.
2.1	18-Jan-2008	16:50:25	-29.215	116.150	0	E of Morawa WA.
3.2	19-Jan-2008	12:24:06	-33.016	122.127	0	S of Norseman WA.
1.8	22-Jan-2008	17:11:41	-32.144	117.139	0	E of Beverley WA.
2.7	23-Jan-2008	15:27:30	-31.690	117.050	0	Meckering WA.
2.7	23-Jan-2008	19:36:06	-33.050	138.629	10	Port Pirie SA.
3.4	24-Jan-2008	03:21:29	-38.705	144.505	9	SE of Anglesea VIC.
2.6	26-Jan-2008	23:21:24	-32.943	138.161	10	Port Pirie SA.
1.9	27-Jan-2008	06:30:24	-30.839	117.072	0	NW of Manmanning WA.
1.9	27-Jan-2008	15:20:00	-30.578	118.429	0	SE of Bonnie Rock WA.
3.1	28-Jan-2008	15:37:13	-22.683	113.872	7	SW of Learmonth WA.
1.8	28-Jan-2008	22:51:01	-32.157	117.142	3	E of Beverley WA.
1.9	30-Jan-2008	21:55:11	-32.140	117.163	2	E of Beverley WA.
2.5	31-Jan-2008	12:46:28	-37.047	148.067	0	SW of Suggan Buggan VIC.
4.2	06-Feb-2008	06:46:47	-13.402	129.644	6	Offshore 166 km SW of Darwin NT.
2.6	06-Feb-2008	16:44:44	-32.825	138.274	11	Booleroo Centre SA.
2.2	07-Feb-2008	19:56:38	-30.275	117.712	6	25 km NW of Beacon WA.
2.0	08-Feb-2008	13:29:37	-30.549	118.387	0	SE of Bonnie Rock WA.
1.9	08-Feb-2008	17:41:48	-30.591	118.554	8	E of Bonnie Rock WA.
2.2	09-Feb-2008	01:05:42	-33.897	151.033	2	W of Sydney NSW.
2.6	10-Feb-2008	12:53:28	-33.366	150.554	7	38 km E of Lithgow NSW.
3.2	12-Feb-2008	00:12:24	-32.876	138.348	10	Booleroo Centre SA.
4.2	13-Feb-2008	21:57:27	-27.551	146.651	0	112 km NE of Cunnamulla QLD.
2.9	16-Feb-2008	02:44:26	-31.773	111.883	10	W of Perth WA.
2.7	16-Feb-2008	20:05:24	-33.449	138.483	16	SE of Gladstone SA.
1.4	17-Feb-2008	00:17:18	-32.129	117.461	0	NW of Corrigin WA.
3.1	17-Feb-2008	11:48:40	-38.506	141.022	10	S of Mt Gambier VIC.
2.8	18-Feb-2008	19:18:55	-26.693	112.770	10	SW of Carnarvon WA.
2.3	21-Feb-2008	16:09:03	-32.733	138.189	6	SE of Port Augusta SA.
3.1	22-Feb-2008	02:58:49	-19.097	123.526	2	SE of Broome WA.
1.9	25-Feb-2008	04:40:40	-36.280	148.856	10	N of Berridale NSW.
1.9	26-Feb-2008	22:37:24	-33.801	151.498	0	E of Sydney NSW.

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3.7	01-Mar-2008	00:24:37	-36.154	144.668	10	SW of Echuca VIC.
2.5	05-Mar-2008	06:54:06	-30.764	117.983	6	NE of Bencubbin WA.
2.7	07-Mar-2008	01:32:10	-33.374	138.412	10	Port Pirie SA.
2.8	09-Mar-2008	04:41:05	-34.905	149.067	1	Near Yass NSW.
3.1	09-Mar-2008	07:03:51	-31.683	138.737	10	Port Augusta SA.
2.3	13-Mar-2008	15:03:53	-30.512	116.915	11	NE of Ballidu WA.
1.9	17-Mar-2008	01:11:26	-34.684	150.911	16	E of Kiama NSW.
3.7	17-Mar-2008	06:56:17	-25.975	137.427	10	Simpson Desert NT.
2.5	17-Mar-2008	10:47:23	-32.468	148.449	0	SW of Dubbo NSW.
3.7	18-Mar-2008	01:02:32	-32.519	148.433	11	SW of Dubbo NSW.
3.7	19-Mar-2008	07:17:37	-19.654	134.047	15	W of Tennant Creek NT.
2.4	20-Mar-2008	02:24:46	-30.516	118.571	12	E of Bonnie Rock WA.
3.0	20-Mar-2008	05:15:51	-23.696	126.017	0	SW of Lake Mackay WA.
1.9	21-Mar-2008	16:03:44	-32.724	118.022	0	S of Corrigin WA.
1.8	21-Mar-2008	16:19:58	-30.666	118.389	15	S of Bonnie Rock WA.
2.2	21-Mar-2008	16:44:36	-30.687	118.379	7	S of Bonnie Rock WA.
1.5	21-Mar-2008	17:15:12	-30.696	118.369	13	S of Bonnie Rock WA.
2.2	23-Mar-2008	14:52:16	-35.145	148.656	8	SW of Wee Jasper NSW.
3.5	23-Mar-2008	20:00:37	-33.418	138.308	10	Crystal Brook area, SA.
3.0	24-Mar-2008	17:31:56	-30.668	118.385	12	S of Bonnie Rock WA.
1.9	24-Mar-2008	18:10:59	-30.707	118.333	2	S of Bonnie Rock WA.
2.6	24-Mar-2008	19:24:49	-30.649	118.392	7	S of Bonnie Rock WA.
4.4	31-Mar-2008	08:27:48	-27.666	112.332	17	SW of Carnarvon WA.
2.4	31-Mar-2008	08:57:40	-34.816	148.755	0	SW of Bowning NSW.
2.4	01-Apr-2008	23:22:35	-33.409	149.492	2	W of Bathurst NSW.
3.5	02-Apr-2008	08:14:43	-16.982	117.070	8	NW of Port Hedland WA.
2.7	03-Apr-2008	11:18:55	-32.310	138.332	10	Port Augusta SA.
2.4	03-Apr-2008	13:22:24	-30.261	117.694	0	NW of Beacon WA.
2.5	03-Apr-2008	21:18:07	-37.580	139.546	10	Millicent SA.
1.8	05-Apr-2008	01:04:51	-36.352	149.091	15	S of Cooma NSW.
2.7	05-Apr-2008	12:04:25	-30.349	117.781	1	NW of Beacon WA.
2.6	05-Apr-2008	19:00:59	-37.837	139.994	10	Millicent SA.
1.4	05-Apr-2008	20:14:08	-34.836	139.102	10	Murray Bridge SA.
1.8	06-Apr-2008	21:25:13	-32.155	117.115	0	E of Beverley WA.
2.3	07-Apr-2008	04:26:22	-32.648	138.232	10	Port Augusta SA.
1.5	07-Apr-2008	04:58:57	-32.717	116.392	0	NW of Boddington WA.
2.0	07-Apr-2008	15:16:23	-33.828	150.688	9	S of Penrith NSW.
2.9	08-Apr-2008	12:33:04	-31.393	138.484	10	Port Augusta West SA.
1.5	08-Apr-2008	23:50:53	-33.674	118.284	0	NE of Gnowangerup WA.
2.8	10-Apr-2008	08:13:13	-30.429	116.960	12	SW of Kalannie WA.
2.7	11-Apr-2008	00:00:43	-34.381	148.697	5	N of Boorowa NSW.
2.7	12-Apr-2008	23:53:33	-30.925	118.023	6	W of Mukinbudin WA.
2.4	14-Apr-2008	15:01:51	-37.940	144.112	0	S of Meredith VIC.
3.2	17-Apr-2008	18:22:34	-18.709	122.519	10	S of Broome WA.
2.7	19-Apr-2008	16:24:10	-20.470	125.698	10	Great Sandy Desert WA.
1.9	20-Apr-2008	02:56:47	-34.678	149.297	0	N of Gunning NSW.

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2.8	21-Apr-2008	07:29:40	-30.581	117.210	10	SE of Burakin WA.
3.6	30-Apr-2008	21:11:10	-30.215	141.620	0	N of Broken Hill NSW.
2.8	01-May-2008	13:52:14	-28.028	124.316	8	Near Yeo Lake WA.
3.7	03-May-2008	22:14:31	-31.168	117.365	5	Near Wyalkatchem WA.
3.5	07-May-2008	07:27:30	-31.149	117.352	6	Wyalkatchem WA.
2.1	07-May-2008	14:56:42	-32.226	141.682	12	SE of Broken Hill NSW.
3.1	12-May-2008	19:44:22	-32.858	138.267	10	Port Pirie SA.
3.4	17-May-2008	00:36:45	-30.117	116.975	0	NE of Kalannie WA.
2.7	17-May-2008	09:05:27	-30.664	117.501	11	North of Koorda WA.
3.6	17-May-2008	13:57:41	-40.818	138.637	15	SW of Mt Gambier SA.
3.6	20-May-2008	08:25:12	-23.363	129.609	0	SE of Kintore NT.
1.9	20-May-2008	11:46:35	-34.378	116.581	0	NW of Rocky Gully WA.
2.3	23-May-2008	04:44:57	-34.534	150.671	0	SE of Bowral NSW.
3.1	23-May-2008	09:16:39	-36.392	149.819	2	W of Bermagui NSW, felt.
2.2	26-May-2008	05:15:10	-34.641	150.862	6	Near Kiama NSW, felt.
4.7	28-May-2008	04:30:52	-18.596	122.323	0	S of Broome WA.
3.6	28-May-2008	09:35:24	-18.430	118.920	5	221km N of Port Hedland.
3.1	29-May-2008	05:35:55	-31.874	138.629	10	Port Augusta SA, felt.
3.1	29-May-2008	10:05:46	-31.624	138.532	10	Port Augusta SA, felt.
3.1	01-Jun-2008	12:14:26	-24.208	113.506	10	North of Carnarvon WA.
2.3	03-Jun-2008	05:16:47	-34.692	150.909	10	E of Kiama NSW.
3.7	09-Jun-2008	01:37:29	-30.167	146.881	10	South of Brewarrina NSW.
2.3	10-Jun-2008	18:39:33	-30.276	116.964	0	Kalannie area WA.
2.3	11-Jun-2008	22:42:26	-33.224	138.351	10	Gladstone SA.
2.2	12-Jun-2008	11:43:49	-33.024	119.123	0	N of Newdegate WA.
2.4	17-Jun-2008	09:34:25	-35.323	149.290	1	NE of Queanbeyan ACT.
2.0	19-Jun-2008	11:31:38	-16.482	128.741	0	South of Kununurra WA.
2.8	23-Jun-2008	13:17:39	-18.176	127.722	0	Halls Creek WA.
2.6	23-Jun-2008	16:04:56	-37.559	139.661	10	Millicent SA.
3.5	24-Jun-2008	07:02:58	-38.745	140.612	10	Portland VIC.
2.8	25-Jun-2008	20:34:50	-31.637	138.628	10	NE of Hawker SA.
3.2	01-Jul-2008	06:50:50	-33.092	138.707	10	Mannanarie SA.
3.3	02-Jul-2008	02:40:56	-30.739	121.473	0	N of Kalgoorlie WA.
2.5	03-Jul-2008	00:07:57	-33.091	138.675	10	Mannanarie SA.
2.7	04-Jul-2008	15:25:33	-31.700	125.965	0	N of Cocklebidy WA.
1.8	06-Jul-2008	21:45:51	-33.866	116.715	7	E of Boyup Brook WA.
4.5	09-Jul-2008	23:45:20	-26.034	125.223	1	W of Warburton WA.
3.6	10-Jul-2008	00:05:28	-26.029	125.316	9	W of Warburton WA.
2.7	12-Jul-2008	11:32:43	-32.229	146.687	3	SE of Cobar NSW.
2.4	14-Jul-2008	13:23:14	-35.774	143.768	10	Kerang VIC.
2.4	15-Jul-2008	14:57:19	-36.373	148.827	6	East of Berridale NSW.
1.6	15-Jul-2008	22:56:12	-34.893	149.250	10	S of Gunning NSW.
1.9	16-Jul-2008	00:56:07	-34.796	148.507	10	E of Jugiong NSW.
2.7	17-Jul-2008	02:58:22	-35.627	147.182	10	Holbrook NSW.
2.6	20-Jul-2008	21:14:47	-32.004	116.759	3	NW of Beverley WA.
2.6	21-Jul-2008	22:01:00	-36.240	143.660	10	Boort VIC.

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2.1	24-Jul-2008	00:50:35	-30.440	117.851	10	Near Beacon WA.
2.7	25-Jul-2008	18:48:40	-34.691	147.714	10	West of Cootamundra NSW .
2.1	26-Jul-2008	03:37:50	-31.987	116.773	0	South of York WA.
2.8	27-Jul-2008	06:44:05	-18.144	127.744	0	Halls Creek WA.
3.1	27-Jul-2008	07:34:28	-32.677	138.315	12	E of Wilmington SA.
2.1	29-Jul-2008	05:39:57	-32.015	116.812	12	NW of Beverley WA.
4.5	29-Jul-2008	11:09:20	-14.550	122.110	0	Scott Reef WA.
3.1	01-Aug-2008	17:27:48	-30.495	117.132	0	NW of Burakin WA.
4.1	02-Aug-2008	05:18:23	-14.656	122.166	2	Scott Reef WA.
2.6	07-Aug-2008	23:54:28	-34.160	137.600	10	S of Moonta SA.
2.5	08-Aug-2008	10:27:25	-30.466	117.281	3	NE of Burakin WA.
2.7	08-Aug-2008	12:50:25	-35.479	137.299	10	Kangaroo Island SA.
2.7	15-Aug-2008	00:30:41	-32.990	138.095	7	Port Pirie SA.
3.2	26-Aug-2008	05:34:02	-34.753	149.162	0	S of Dalton NSW.
2.9	31-Aug-2008	08:02:34	-33.117	138.702	10	Mannanarie SA.
2.3	04-Sep-2008	19:45:54	-35.986	144.234	10	NE of Pyramid Hill VIC.
3.1	05-Sep-2008	05:39:20	-32.848	150.776	0	Howes Valley NSW.
2.7	21-Sep-2008	11:16:02	-24.665	153.295	10	N end of Fraser Island QLD.
2.9	21-Sep-2008	13:09:41	-39.090	148.280	35	Flinders Island TAS.
3.4	24-Sep-2008	23:31:17	-35.732	144.475	8	S of Caldwell VIC-NSW border.
2.2	25-Sep-2008	02:27:50	-35.943	148.047	9	Tumbarumba NSW.
3.0	30-Sep-2008	07:04:05	-37.484	149.540	0	NW of Mallacoota VIC.
2.5	07-Oct-2008	08:38:29	-33.054	138.270	10	Port Pirie SA.
3.1	07-Oct-2008	12:38:57	-32.118	138.542	10	Port Augusta SA.
2.4	13-Oct-2008	10:59:03	-33.801	150.375	5	Katoomba area NSW.
2.6	15-Oct-2008	20:05:03	-35.529	145.787	8	North of Berrigan NSW.
3.2	18-Oct-2008	02:02:57	-32.930	138.784	10	Peterborough SA.
2.5	21-Oct-2008	18:48:55	-25.640	152.000	2	Biggenden QLD.
4.0	23-Oct-2008	11:52:05	-32.477	140.656	6	SE of Radium Hill SA.
1.7	28-Oct-2008	11:51:00	-35.640	137.290	10	Kangaroo Island SA.
2.5	30-Oct-2008	11:49:44	-31.080	138.982	10	NE of Blinman SA.
3.2	30-Oct-2008	13:11:51	-36.229	145.988	10	SE of Tungamah VIC.
1.8	04-Nov-2008	15:05:29	-36.404	148.837	9	Berridale NSW.
3.2	06-Nov-2008	14:56:27	-30.876	116.655	8	NE of Calingiri WA.
2.4	09-Nov-2008	15:29:45	-30.611	121.615	4	NE of Kalgoorlie WA.
2.8	14-Nov-2008	21:15:15	-12.600	129.800	0	SW of Darwin NT.
2.5	16-Nov-2008	01:29:47	-31.591	138.761	10	NE of Hawker SA.
4.2	16-Nov-2008	02:02:18	-31.402	138.729	19	NE of Hawker SA, Felt.
2.7	16-Nov-2008	02:44:39	-31.403	138.632	21	NE of Hawker SA.
2.1	16-Nov-2008	06:00:03	-32.019	138.938	10	Cradock SA.
4.0	21-Nov-2008	04:26:55	-15.210	113.000	0	North-West Shelf WA.
2.7	26-Nov-2008	13:53:08	-31.585	138.793	10	NE of Hawker SA.
2.2	27-Nov-2008	21:46:47	-32.535	140.833	10	SW of Broken Hill SA.
3.6	29-Nov-2008	21:41:30	-42.517	145.983	8	Strathgordon TAS.
2.5	04-Dec-2008	05:35:00	-32.981	149.995	1	W of Bogee NSW.
2.3	04-Dec-2008	11:09:43	-32.369	150.856	5	S of Muswellbrook NSW.

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3.1	04-Dec-2008	16:35:12	-33.412	138.388	10	SE of Crystal Brook SA.
3.0	05-Dec-2008	15:30:05	-22.203	127.550	3	West of Lake Mackay WA.
2.7	06-Dec-2008	18:05:40	-35.170	144.332	10	East of Moulamein NSW.
2.6	07-Dec-2008	04:03:56	-35.641	149.516	8	SE of Captains Flat NSW.
2.0	12-Dec-2008	02:28:00	-35.092	149.027	0	Quarry Blast Hall ACT.
2.3	15-Dec-2008	07:00:18	-35.733	148.392	10	Talbingo NSW.
2.8	15-Dec-2008	16:52:48	-30.409	118.889	7	Near Woongaring Hills WA.
2.0	19-Dec-2008	02:50:11	-37.248	147.818	11	Omeo VIC.
2.9	25-Dec-2008	11:09:10	-31.480	138.567	10	North of Wilpena Pound SA.
3.1	28-Dec-2008	14:02:11	-32.656	138.265	14	E of Wilmington SA.
2.8	31-Dec-2008	11:39:24	-31.792	138.515	10	North of Hawker SA.

Australian Capital Territory

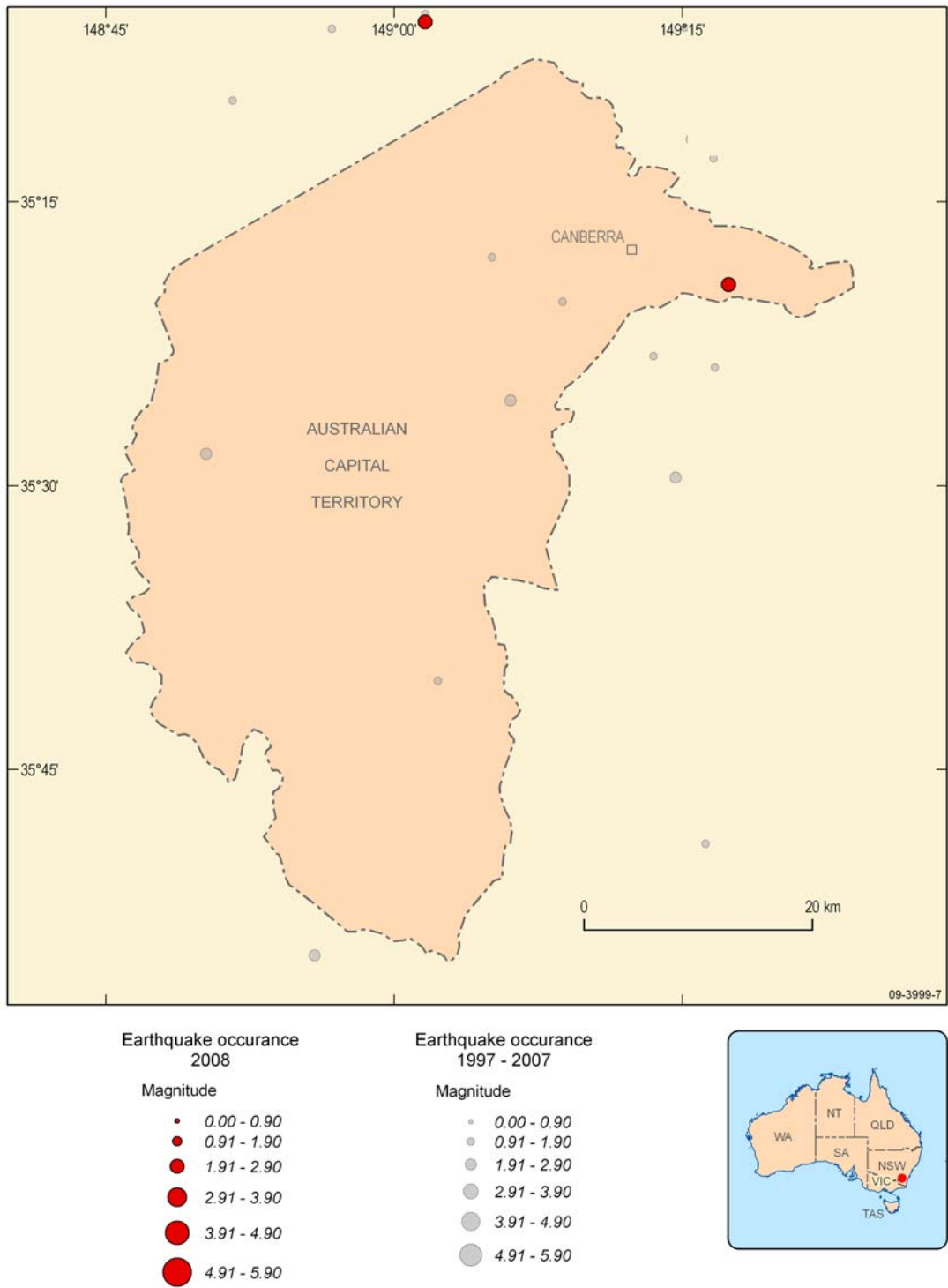


Figure 4: Map of 2008 Australian Capital Territory Earthquakes (magnitude sized circles with subdued historical seismicity).

Table 5: Australian Capital Territory Top 8 Earthquakes

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
3.0.	19-Aug-1998	11:12:44	-35.654	148.951	0	ACT
2.9	23-Oct-2000	1:20:25	-35.472	148.837	1	ACT
2.8	10-Jan-1976	1:27:46	-35.610	149.030	13	ACT
2.5	21-Jun-1999	13:59:35	-35.193	149.164	7	ACT
2.5	19-Feb-1972	5:18:49	-35.360	149.010	4	ACT
2.5	7-Dec-1975	10:31:26	-35.340	149.090	0	ACT
2.5	12-Feb-1977	11:56:46	-35.540	148.850	13	ACT
2.5	19-Sep-1976	2:04:52	-35.900	149.000	20	ACT

Table 6: Australian Capital Territory Earthquakes 2008 (Quarry blast included, widely felt within Canberra)

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
2.4	17-Jun-08	9:34:25	-35.323	149.290	1	NE of Queanbeyan ACT.
2.0	12-Dec-08	2:28:00	-35.092	149.027	0	Quarry Blast, Hall, ACT.

New South Wales

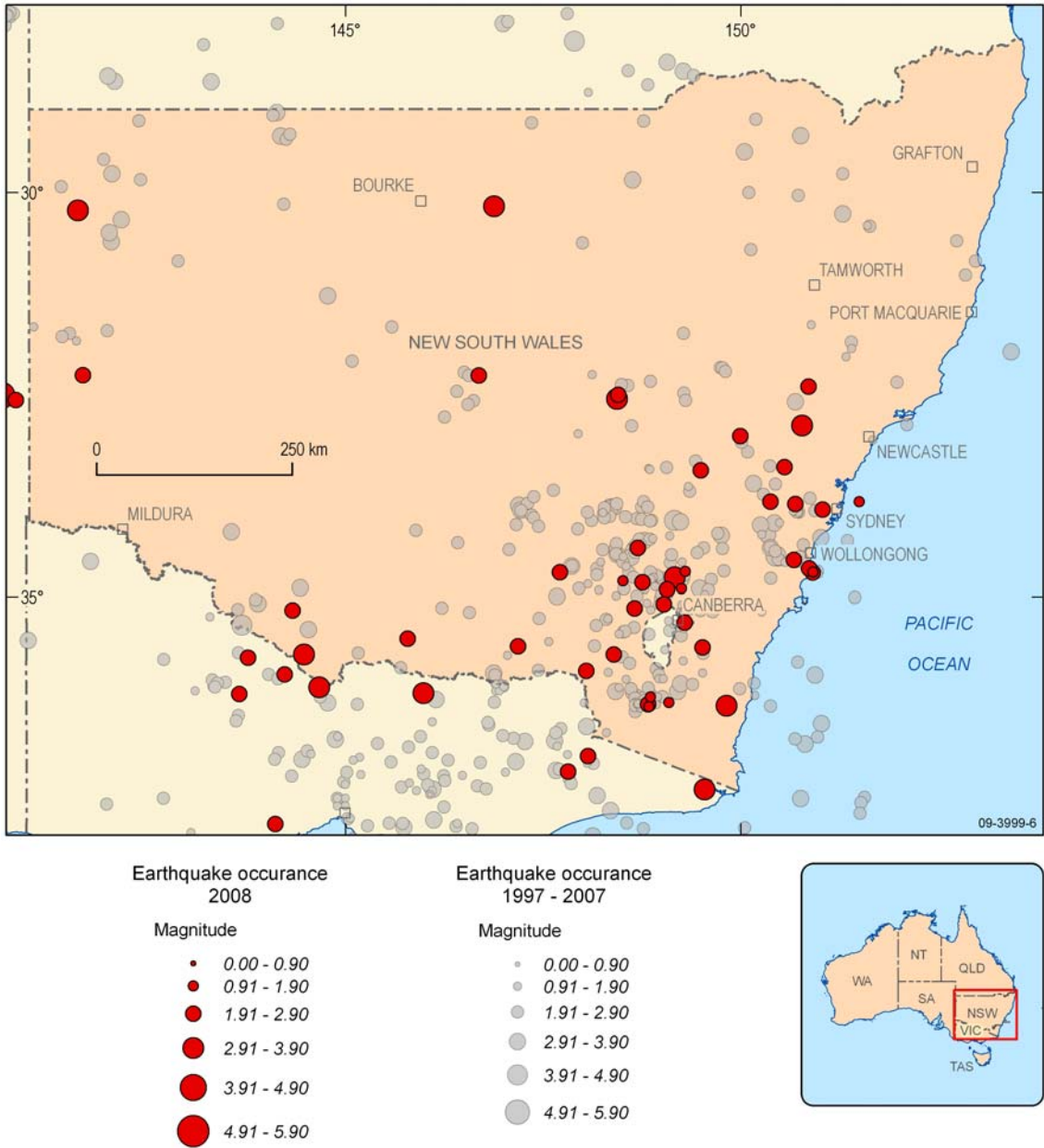


Figure 5: Map of 2008 New South Wales Earthquakes (magnitude sized circles with subdued historical seismicity).

Table 7: New South Wales Top 8 Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
3.7	18-Mar-08	1:02:32	-32.519	148.433	11	SW of Dubbo NSW.
3.7	9-Jun-08	1:37:29	-30.167	146.881	10	South of Brewarrina NSW.
3.6	30-Apr-08	21:11:10	-30.215	141.620	0	N of Broken Hill NSW.
3.4	24-Sep-08	23:31:17	-35.732	144.475	8	S of Caldwell VIC-NSW border.
3.2	26-Aug-08	5:34:02	-34.753	149.162	0	S of Dalton NSW.
3.1	23-May-08	9:16:39	-36.392	149.819	2	W of Bermagui NSW, felt.
3.1	5-Sep-08	5:39:20	-32.848	150.776	0	Howes Valley NSW.
2.8	9-Mar-08	4:41:05	-34.905	149.067	1	Near Yass NSW.

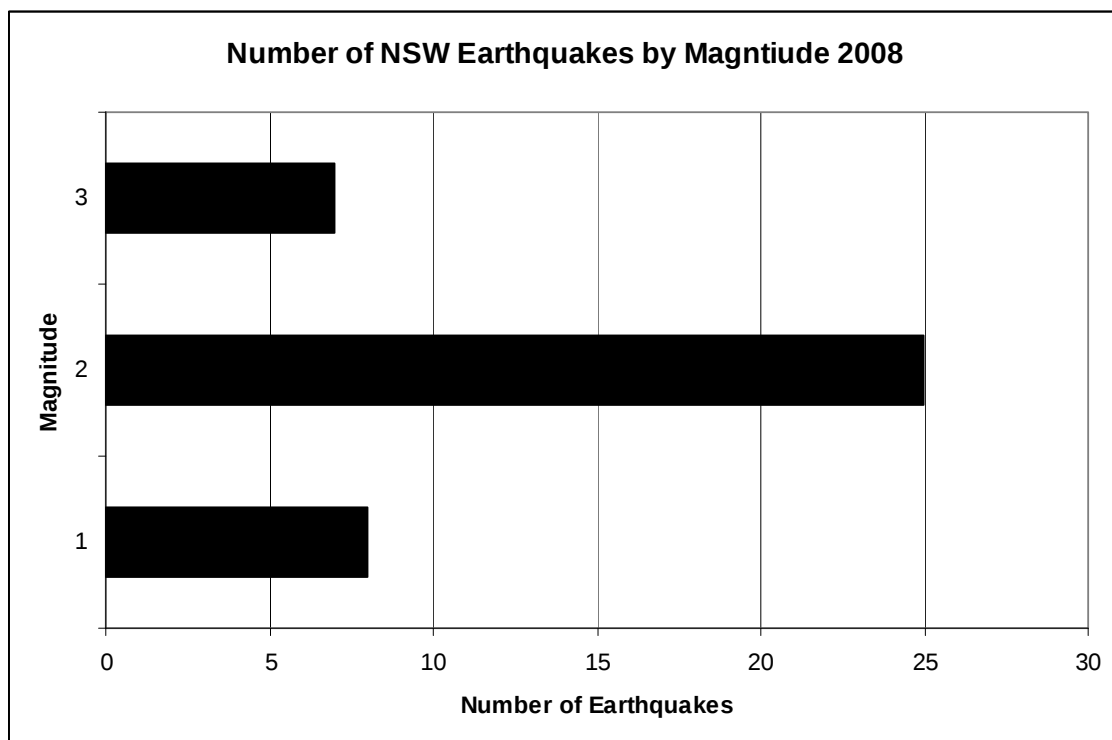


Figure 6: Number of New South Wales Earthquakes by Magnitude 2008

Table 8: New South Wales Top 7 Earthquakes

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
5.8	21-May-1961	21:40:03	-34.547	150.503	19	Bowral NSW.
5.7	27-Dec-1989	23:26:57	-32.946	151.607	11	Newcastle NSW.
5.6	18-Nov-1934	21:58:41	-34.800	149.200	10	Gunning NSW.
5.5	29-Nov-1886	17:00:00	-34.750	148.800	0	Magnitude from Iseismal Map.
5.5	30-May-1921	14:51:59	-35.000	145.000	0	Hay NSW.
5.5	10-Mar-1949	22:30:33	-34.740	149.200	0	Dalton NSW.
5.5	9-Mar-1973	19:09:14	-34.170	150.320	21	Picton NSW.

Table 9: New South Wales Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
2.2	9-Feb-08	1:05:42	-33.897	151.033	2	W of Sydney NSW.
2.6	10-Feb-08	12:53:28	-33.366	150.554	7	38 km E of Lithgow NSW.
1.9	25-Feb-08	4:40:40	-36.280	148.856	10	N of Berridale NSW.
1.9	26-Feb-08	22:37:24	-33.801	151.498	0	E of Sydney NSW.
2.8	9-Mar-08	4:41:05	-34.905	149.067	1	Near Yass NSW.
1.9	17-Mar-08	1:11:26	-34.684	150.911	16	E of Kiama NSW.
2.2	23-Mar-08	14:52:16	-35.145	148.656	8	SW of Wee Jasper NSW.
2.5	17-Mar-08	10:47:23	-32.468	148.449	0	SW of Dubbo NSW.
3.7	18-Mar-08	1:02:32	-32.519	148.433	11	SW of Dubbo NSW.
2.4	31-Mar-08	8:57:40	-34.816	148.755	0	SW of Bowning NSW.
2.4	1-Apr-08	23:22:35	-33.409	149.492	2	W of Bathurst NSW.
1.8	5-Apr-08	1:04:51	-36.352	149.091	15	S of Cooma NSW.
2.0	7-Apr-08	15:16:23	-33.828	150.688	9	S of Penrith NSW.
2.7	11-Apr-08	0:00:43	-34.381	148.697	5	N of Boorowa NSW.
1.9	20-Apr-08	2:56:47	-34.678	149.297	0	N of Gunning NSW.
3.6	30-Apr-08	21:11:10	-30.215	141.620	0	N of Broken Hill NSW.
2.1	7-May-08	14:56:42	-32.226	141.682	12	SE of Broken Hill NSW.
2.3	23-May-08	4:44:57	-34.534	150.671	0	SE of Bowral NSW.
3.1	23-May-08	9:16:39	-36.392	149.819	2	W of Bermagui NSW, felt.
2.2	26-May-08	5:15:10	-34.641	150.862	6	Near Kiama NSW, felt.
2.3	3-Jun-08	5:16:47	-34.692	150.909	10	E of Kiama NSW.
3.7	9-Jun-08	1:37:29	-30.167	146.881	10	South of Brewarrina NSW.
2.7	12-Jul-08	11:32:43	-32.229	146.687	3	SE of Cobar NSW.
2.4	15-Jul-08	14:57:19	-36.373	148.827	6	East of Berridale NSW.
1.6	15-Jul-08	22:56:12	-34.893	149.250	10	S of Gunning NSW.
1.9	16-Jul-08	0:56:07	-34.796	148.507	10	E of Jugiong NSW.
2.7	17-Jul-08	2:58:22	-35.627	147.182	10	Holbrook NSW.
2.7	25-Jul-08	18:48:40	-34.691	147.714	10	West of Cootamundra NSW .
3.2	26-Aug-08	5:34:02	-34.753	149.162	0	S of Dalton NSW.
3.1	5-Sep-08	5:39:20	-32.848	150.776	0	Howes Valley NSW.
3.4	24-Sep-08	23:31:17	-35.732	144.475	8	S of Caldwell VIC-NSW border.
2.2	25-Sep-08	2:27:50	-35.943	148.047	9	Tumbarumba NSW.
2.4	13-Oct-08	10:59:03	-33.801	150.375	5	Katoomba area NSW.
2.6	15-Oct-08	20:05:03	-35.529	145.787	8	North of Berrigan NSW.
1.8	4-Nov-08	15:05:29	-36.404	148.837	9	Berridale NSW.
2.5	4-Dec-08	5:35:00	-32.981	149.995	1	W of Bogee NSW.
2.3	4-Dec-08	11:09:43	-32.369	150.856	5	S of Muswellbrook NSW.
2.7	6-Dec-08	18:05:40	-35.170	144.332	10	East of Moulamein NSW.
2.6	7-Dec-08	4:03:56	-35.641	149.516	8	SE of Captains Flat NSW.
2.3	15-Dec-08	7:00:18	-35.733	148.392	10	Talbingo area NSW.

Northern Territory

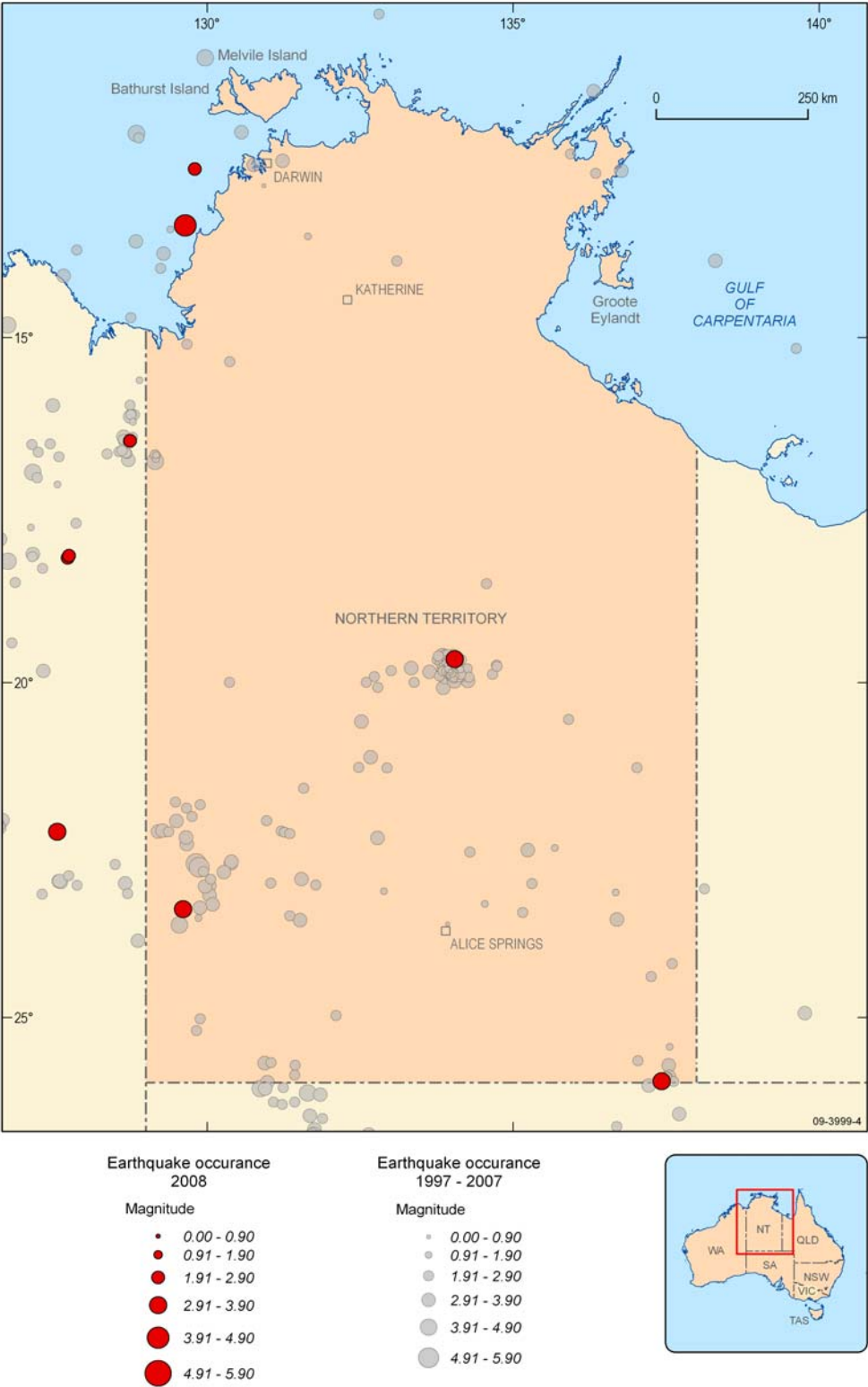


Figure 8: Map of 2008 Northern Territory Earthquakes (magnitude sized circles with subdued historical seismicity).

Table 10: Northern Territory Top 9 Earthquakes

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
6.7	22-Jan-1988	12:05:00	-19.838	133.994	5	Tennant Creek NT.
6.5	27-Jun-1941	7:55:49	-25.950	137.340	0	Simpson Desert NT.
6.4	22-Jan-1988	3:57:28	-19.826	133.984	4	Tennant Creek NT.
6.3	22-Jan-1988	0:36:01	-19.812	133.975	6	Tennant Creek NT.
6.0	15-Dec-1873	4:00:00	-26.250	127.500	0	This earthquake strongly felt by explorer Giles estimated intensity of MM 7 and nearby epicentre.
6.0	20-Dec-1937	22:35:02	-25.400	136.500	33	Simpson Desert NT.
5.9	17-Apr-1938	8:56:22	-25.500	137.200	0	Simpson Desert NT.
5.8	22-Jan-1988	20:54:05	-19.887	134.084	3	Tennant Creek NT.
5.8	12-Mar-1999	0:29:14	-11.119	130.666	100	Not reviewed by the ISC.

Table 11: Northern Territory Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
4.2	6-Feb-08	6:46:47	-13.402	129.644	6	Offshore, 166 km SW of Darwin NT.
3.7	17-Mar-08	6:56:17	-25.975	137.427	10	Simpson Desert NT.
3.7	19-Mar-08	7:17:37	-19.654	134.047	15	W of Tennant Creek NT.
3.6	20-May-08	8:25:12	-23.363	129.609	0	SE of Kintore NT.
2.8	14-Nov-08	21:15:15	-12.600	129.800	0	SW of Darwin NT.

Queensland

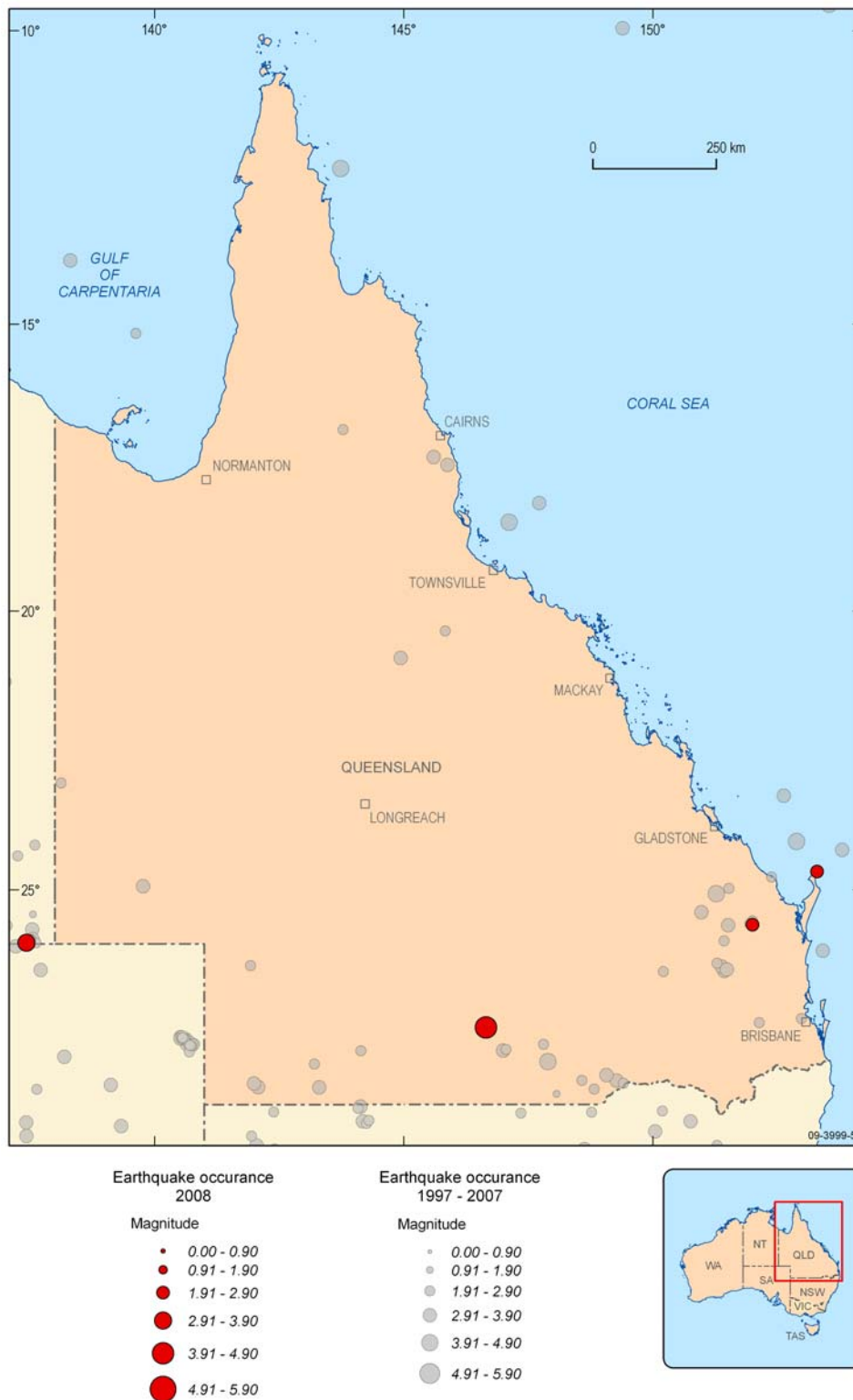


Figure 9: Map of 2008 Queensland Earthquakes (magnitude sized circles with subdued historical seismicity).

Table 12: Queensland Top 9 Earthquakes

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
6.0	06-Jun-1918	18:14:24	-23.500	152.500	15	
6.0	01-May-1973	10:40:45	-10.005	150.200	15	
5.7	18-Dec-1913	13:54:00	-20.000	147.000	33	Charters Towers QLD.
5.7	06-Jun-1918	19:20:00	-23.500	152.500	0	Magnitude from isoseismal map, MMIII radius.
5.7	14-May-1928	02:46:55	-15.000	144.000	10	
5.6	28-Aug-1883	16:55:00	-25.500	151.670	20	Gayndah QLD.
5.5	06-Jun-1918	18:23:00	-23.500	152.500	0	Magnitude from isoseismal map, MMIII radius.
5.5	04-May-1925	11:28:48	-16.000	140.000	10	
5.5	12-Apr-1935	01:32:24	-25.500	151.670	10	Gayndah QLD.

Table 13: Queensland Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
4.2	13-Feb-08	21:57:27	-27.551	146.651	0	112 km NE of Cunnamulla QLD.
2.7	21-Sep-08	11:16:02	-24.665	153.295	10	N end of Fraser Island QLD.
2.5	21-Oct-08	18:48:55	-25.640	152.000	2	Biggenden QLD.

South Australia

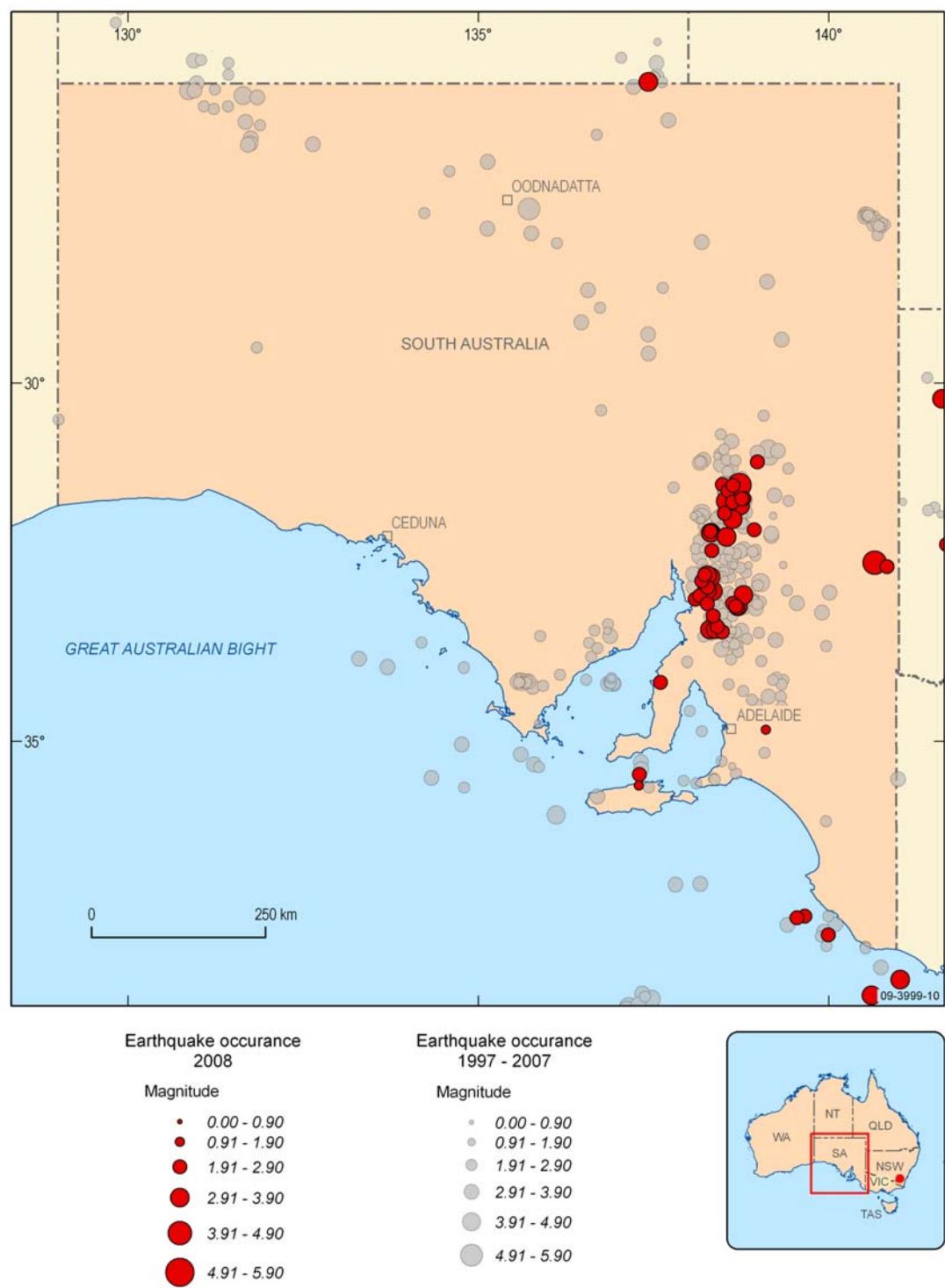


Figure 10: Map of 2008 South Australian Earthquakes (magnitude sized circles with subdued historical seismicity).

Table 14: Top 8 South Australian Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
4.2	16-Nov-08	2:02:18	-31.402	138.729	19	NE of Hawker SA, Felt.
4.0	23-Oct-08	11:52:05	-32.477	140.656	6	SE of Radium Hill SA.
3.6	17-May-08	13:57:41	-40.818	138.637	15	SW of Mt Gambier SA.
3.5	23-Mar-08	20:00:37	-33.418	138.308	10	Crystal Brook area SA.
3.4	18-Jan-08	0:42:45	-32.059	138.319	10	NE of Port Augusta SA.
3.2	12-Feb-08	0:12:24	-32.876	138.348	10	Booleroo Centre SA.
3.2	1-Jul-08	6:50:50	-33.092	138.707	10	Mannanarie SA.
3.2	18-Oct-08	2:02:57	-32.930	138.784	10	Peterborough SA.

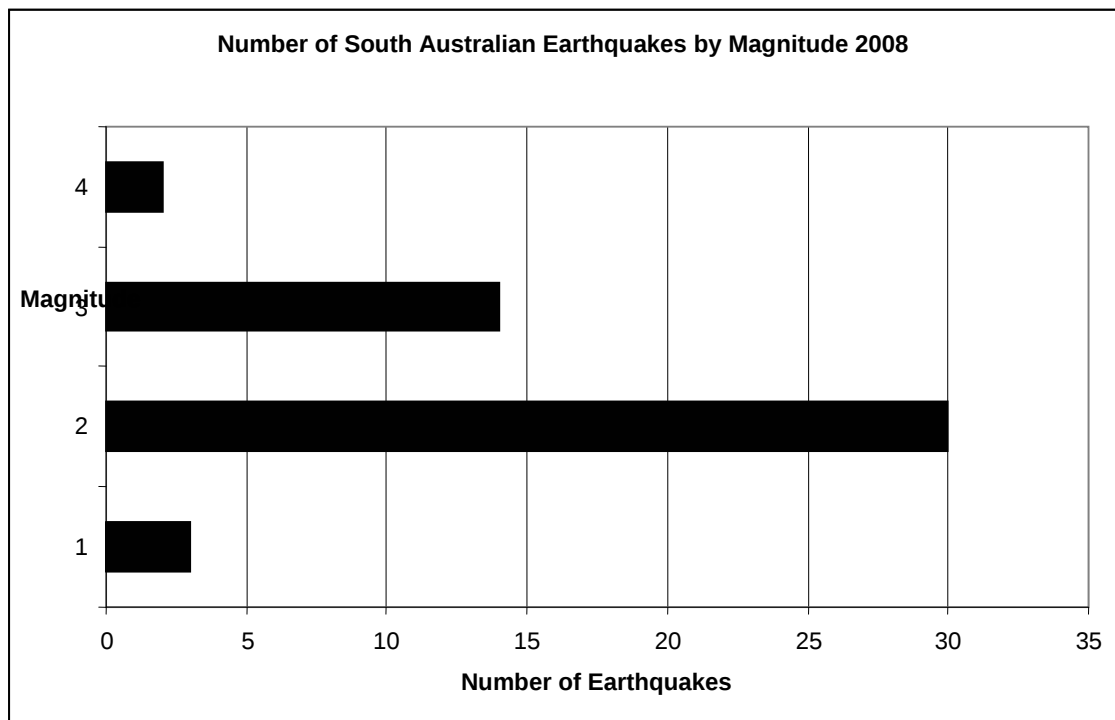


Figure 11: Number of South Australian Earthquakes by Magnitude 2008

Table 15: South Australian Top 10 Earthquakes

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
6.5	10-May-1897	05:26:00	-37.333	139.750	0	Beachport SA.
6.0	19-Sep-1902	10:35:00	-35.000	138.000	14	Warooka SA.
5.8	26-Mar-1939	03:56:00	-32.000	138.000	0	Motpena SA.
5.8	04-May-1941	22:07:30	-26.300	136.900	33	Simpson Desert SA.
5.7	16-Apr-1887	22:10:00	-34.300	135.800	10	Eyre Peninsula SA.
5.6	04-May-1941	22:23:57	-26.300	136.900	33	Simpson Desert SA.
5.6	06-Aug-1948	03:29:23	-37.360	139.680	18	Robe SA.
5.5	26-Oct-1911	10:00:00	-33.667	136.417	0	Cleve SA.
5.5	18-Apr-1972	22:20:39	-31.580	138.620	12	Wilpena SA.

6.0	30-Mar-1986	08:53:48	-26.333	132.517	5	Marryat Creek SA.
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Table 16: South Australian Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
2.9	12-Jan-08	12:24:29	-32.039	138.330	13	Port Augusta SA.
2.9	13-Jan-08	21:01:05	-32.043	138.315	10	Port Augusta SA.
2.7	23-Jan-08	19:36:06	-33.050	138.629	10	Port Pirie SA.
3.4	18-Jan-08	0:42:45	-32.059	138.319	10	NE of Port Augusta SA.
2.6	26-Jan-08	23:21:24	-32.943	138.161	10	Port Pirie SA.
2.6	6-Feb-08	16:44:44	-32.825	138.274	11	Booleroo Centre SA.
3.2	12-Feb-08	0:12:24	-32.876	138.348	10	Booleroo Centre SA.
2.7	16-Feb-08	20:05:24	-33.449	138.483	16	SE of Gladstone SA.
2.3	21-Feb-08	16:09:03	-32.733	138.189	6	SE of Port Augusta SA.
2.7	7-Mar-08	1:32:10	-33.374	138.412	10	Port Pirie SA.
3.1	9-Mar-08	7:03:51	-31.683	138.737	10	Port Augusta SA.
3.5	23-Mar-08	20:00:37	-33.418	138.308	10	Crystal Brook area SA.
2.7	3-Apr-08	11:18:55	-32.310	138.332	10	Port Augusta SA.
2.5	3-Apr-08	21:18:07	-37.580	139.546	10	Millicent SA.
2.6	5-Apr-08	19:00:59	-37.837	139.994	10	Millicent SA.
1.4	5-Apr-08	20:14:08	-34.836	139.102	10	Murray Bridge SA.
2.3	7-Apr-08	4:26:22	-32.648	138.232	10	Port Augusta SA.
2.9	8-Apr-08	12:33:04	-31.393	138.484	10	Port Augusta West SA.
3.1	12-May-08	19:44:22	-32.858	138.267	10	Port Pirie SA.
3.6	17-May-08	13:57:41	-40.818	138.637	15	SW of Mt Gambier SA.
3.1	29-May-08	5:35:55	-31.874	138.629	10	Port Augusta SA, felt.
3.1	29-May-08	10:05:46	-31.624	138.532	10	Port Augusta SA, felt.
2.3	11-Jun-08	22:42:26	-33.224	138.351	10	Gladstone SA.
2.6	23-Jun-08	16:04:56	-37.559	139.661	10	Millicent SA.
2.8	25-Jun-08	20:34:50	-31.637	138.628	10	NE of Hawker SA.
3.2	1-Jul-08	6:50:50	-33.092	138.707	10	Mannanarie SA.
2.5	3-Jul-08	0:07:57	-33.091	138.675	10	Mannanarie SA.
3.1	27-Jul-08	7:34:28	-32.677	138.315	12	E of Wilmington SA.
2.6	7-Aug-08	23:54:28	-34.160	137.600	10	S of Moonta SA.
2.7	8-Aug-08	12:50:25	-35.479	137.299	10	Kangaroo Island SA.
2.7	15-Aug-08	0:30:41	-32.990	138.095	7	Port Pirie SA.
2.9	31-Aug-08	8:02:34	-33.117	138.702	10	Mannanarie SA.
2.5	7-Oct-08	8:38:29	-33.054	138.270	10	Port Pirie SA.
3.1	7-Oct-08	12:38:57	-32.118	138.542	10	Port Augusta SA.
3.2	18-Oct-08	2:02:57	-32.930	138.784	10	Peterborough SA.
4.0	23-Oct-08	11:52:05	-32.477	140.656	6	SE of Radium Hill SA.
1.7	28-Oct-08	11:51:00	-35.640	137.290	10	Kangaroo Island SA.
2.5	30-Oct-08	11:49:44	-31.080	138.982	10	NE of Blinman SA.
2.5	16-Nov-08	1:29:47	-31.591	138.761	10	NE of Hawker SA.
4.2	16-Nov-08	2:02:18	-31.402	138.729	19	NE of Hawker SA, felt.
2.7	16-Nov-08	2:44:39	-31.403	138.632	21	NE of Hawker SA.
2.1	16-Nov-08	6:00:03	-32.019	138.938	10	Cradock SA.
2.7	26-Nov-08	13:53:08	-31.585	138.793	10	NE of Hawker SA.

2.2	27-Nov-08	21:46:47	-32.535	140.833	10	SW of Broken Hill SA.
3.1	4-Dec-08	16:35:12	-33.412	138.388	10	SE of Crystal Brook SA.
2.9	25-Dec-08	11:09:10	-31.480	138.567	10	North of Wilpena Pound, SA.
3.1	28-Dec-08	14:02:11	-32.656	138.265	14	E of Wilmington SA.
2.8	31-Dec-08	11:39:24	-31.792	138.515	10	North of Hawker SA.

Tasmania

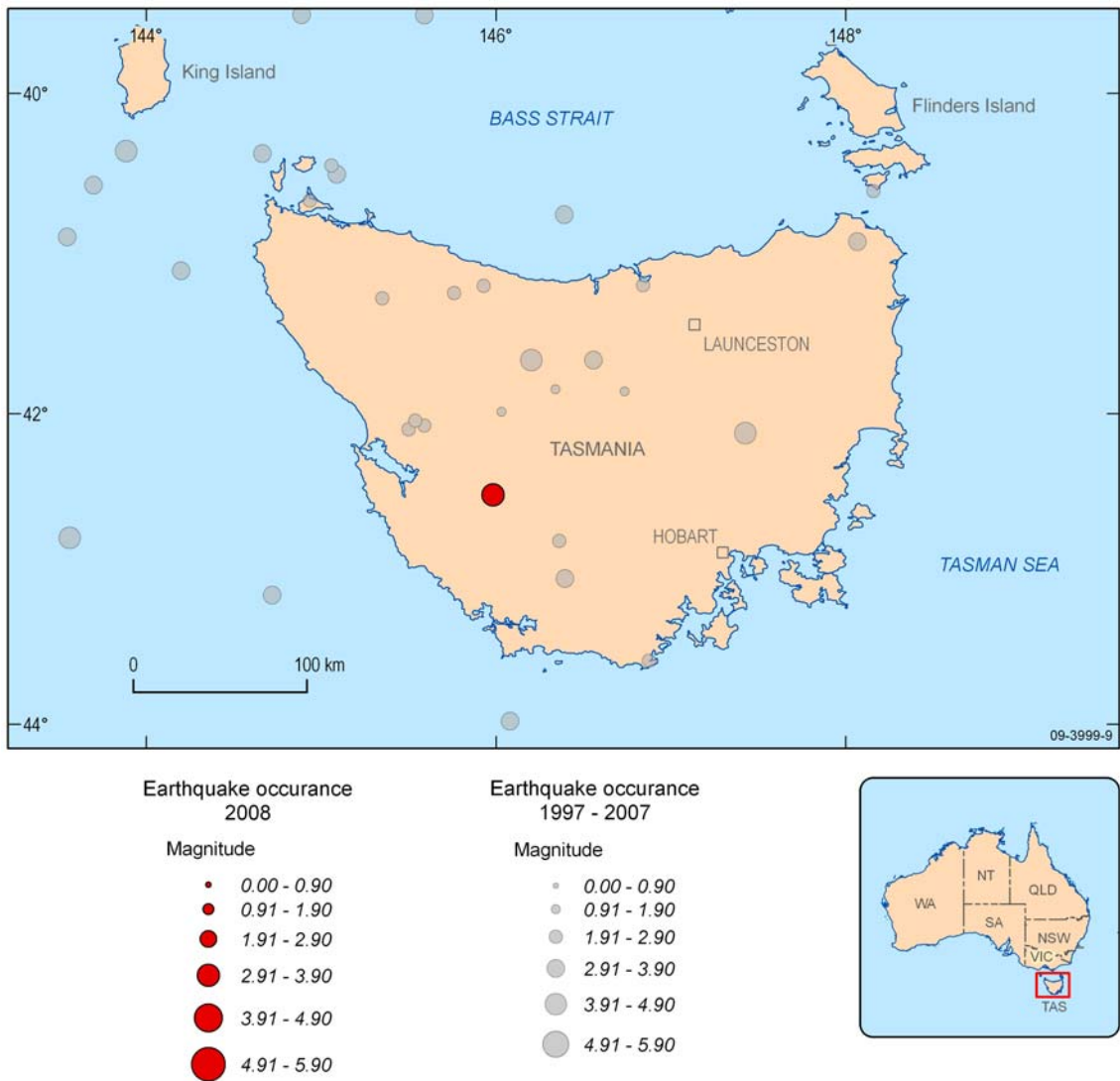


Figure 12: Map of 2008 Tasmanian Earthquakes (magnitude sized circles with subdued historical seismicity).

Table 17: Tasmanian Top 9 Earthquakes

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
6.9	26-Jan-1892	16:48:00	-40.400	149.500	0	Tasman Sea NE TAS.
6.8	23-Apr-1946	4:55:56	-50.000	140.000	0	
6.5	14-Jun-1927	17:16:55	-50.000	140.000	0	
6.4	13-Jul-1884	3:55:00	-40.500	148.500	0	Cape Barren Island NE TAS.
6.4	19-Sep-1884	10:27:00	-40.800	149.500	0	
5.9	28-Mar-1884	13:12:00	-41.200	148.900	0	
5.9	10-May-1884	21:30:00	-41.200	148.900	0	
5.9	09-Jun-1884	9:20:00	-40.800	149.500	0	
5.9	20-Mar-1885	23:03:00	-40.500	149.500	0	

Table 18: Tasmanian Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
2.9	21-Sep-08	13:09:41	-39.090	148.280	35	Flinders Island TAS.
3.6	29-Nov-08	21:41:30	-42.517	145.983	8	Strathgordon TAS.

Victoria

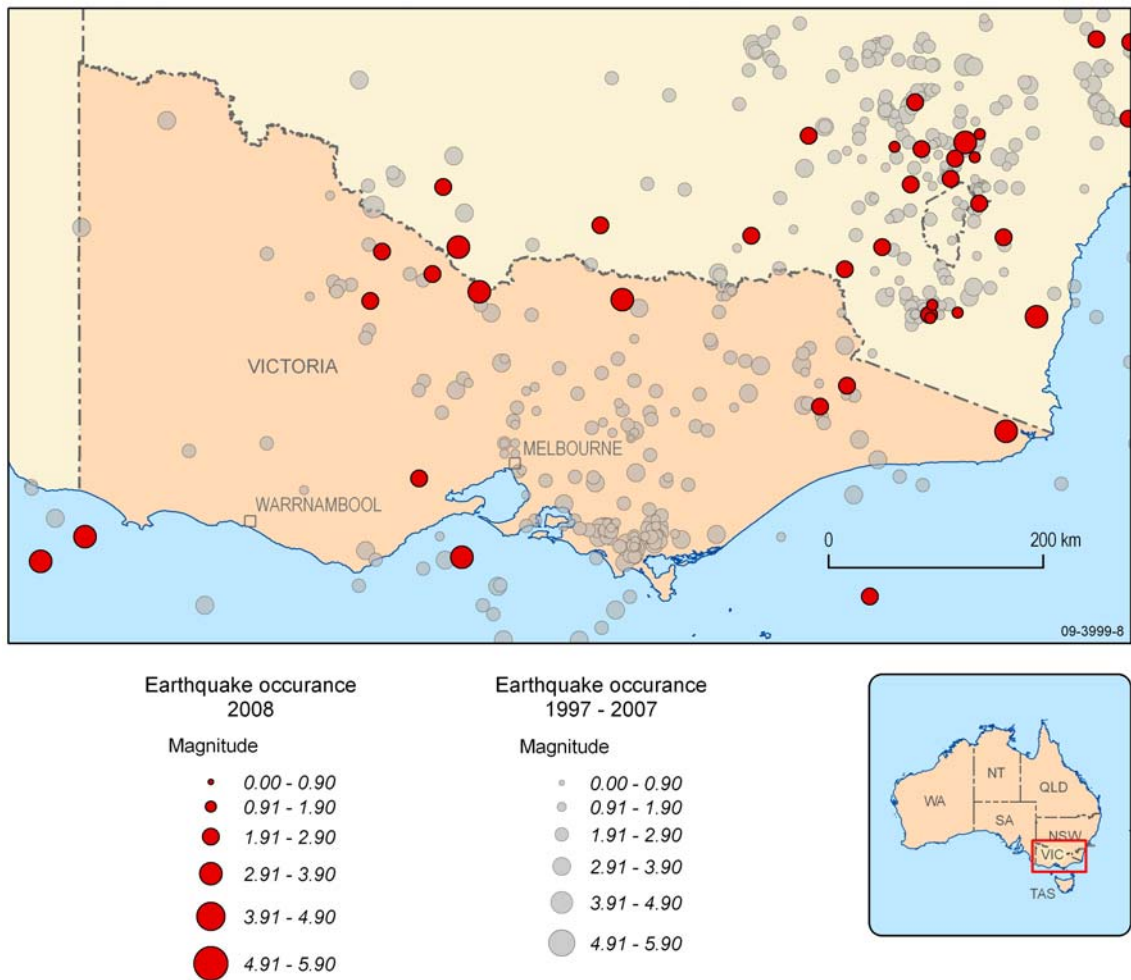


Figure 14: Map of 2008 Victorian Earthquakes (magnitude sized circles with subdued historical seismicity).

Table 19: Victorian Top 7 Earthquakes

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
5.7	02-Jul-1885	16:03:00	-39.000	146.000	0	Magnitude from isoseismal map, MMIV radius.
5.7	14-Sep-65	12:53:13	-38.700	144.300	10	Second shock of doublet off Otway Ranges in Bass Strait Victoria.
5.7	3-May-66	19:07:54	-37.100	147.170	24	Mt Hotham VIC.
5.4	21-Nov-82	11:34:18	-37.205	146.956	17	
5.3	14-Jul-03	10:29:00	-38.430	142.530	0	Warrnambool / Otway Basin VIC.
5.3	24-Dec-60	16:42:10	-38.880	143.590	0	Cape Otway VIC.
5.3	20-Jun-69	11:15:28	-38.470	146.300	19	Boolarra VIC.

Table 20: Victorian Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
3.4	24-Jan-08	3:21:29	-38.705	144.505	9	SE of Anglesea VIC.
2.5	31-Jan-08	12:46:28	-37.047	148.067	0	SW of Suggan Buggan VIC.
3.1	17-Feb-08	11:48:40	-38.506	141.022	10	S of Mt Gambier VIC.
3.7	1-Mar-08	0:24:37	-36.154	144.668	10	SW of Echuca VIC.
2.4	14-Apr-08	15:01:51	-37.940	144.112	0	S of Meredith VIC.
3.5	24-Jun-08	7:02:58	-38.745	140.612	10	Portland VIC.
2.4	14-Jul-08	13:23:14	-35.774	143.768	10	Kerang VIC.
2.6	21-Jul-08	22:01:00	-36.240	143.660	10	Boort VIC.
2.3	4-Sep-08	19:45:54	-35.986	144.234	10	NE of Pyramid Hill VIC.
3.0	30-Sep-08	7:04:05	-37.484	149.540	0	NW of Mallacoota VIC.
3.2	30-Oct-08	13:11:51	-36.229	145.988	10	SE of Tungamah VIC.
2.0	19-Dec-08	2:50:11	-37.248	147.818	11	Omeo VIC.

Western Australia

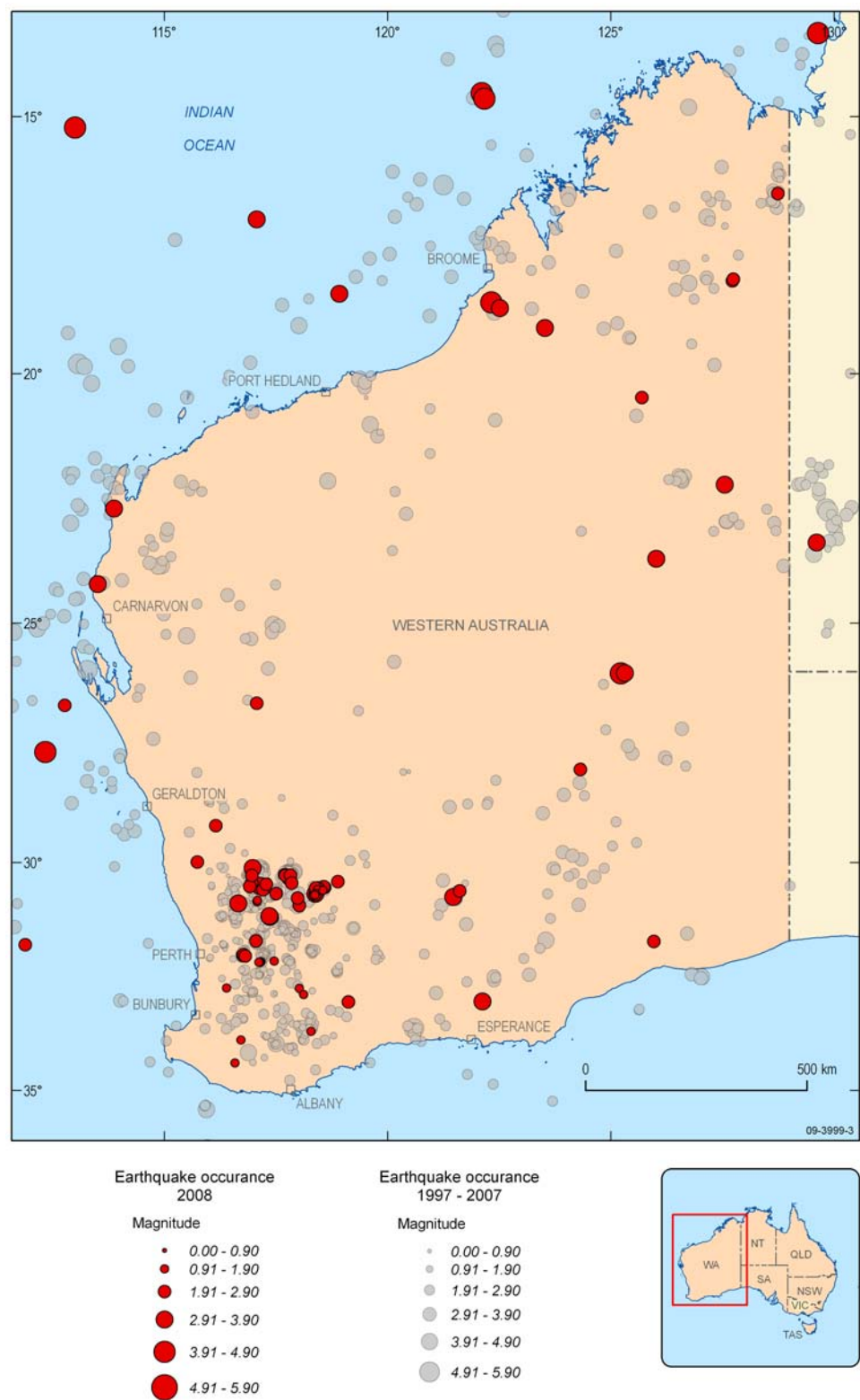


Figure 16: Map of 2008 Western Australian Earthquakes (magnitude sized circles with subdued historical seismicity).

Table 21: Western Australian Top 11 Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
4.7	28-May-08	4:30:52	-18.596	122.323	0	S of Broome WA.
4.5	9-Jul-08	23:45:20	-26.034	125.223	1	W of Warburton WA.
4.5	29-Jul-08	11:09:20	-14.550	122.110	0	Scott Reef, WA.
4.4	31-Mar-08	8:27:48	-27.666	112.332	17	SW of Carnarvon WA.
4.1	2-Aug-08	5:18:23	-14.656	122.166	2	Scott Reef, WA.
4.0	21-Nov-08	4:26:55	-15.210	113.000	0	North-West Shelf, WA.
3.7	3-May-08	22:14:31	-31.168	117.365	5	Near Wyalkatchem, WA.
3.6	28-May-08	9:35:24	-18.430	118.920	5	221km N of Port Hedland WA.
3.6	10-Jul-08	0:05:28	-26.029	125.316	9	W of Warburton WA.
3.5	2-Apr-08	8:14:43	-16.982	117.070	8	NW of Port Hedland WA.
3.5	7-May-08	7:27:30	-31.149	117.352	6	Wyalkatchem WA.

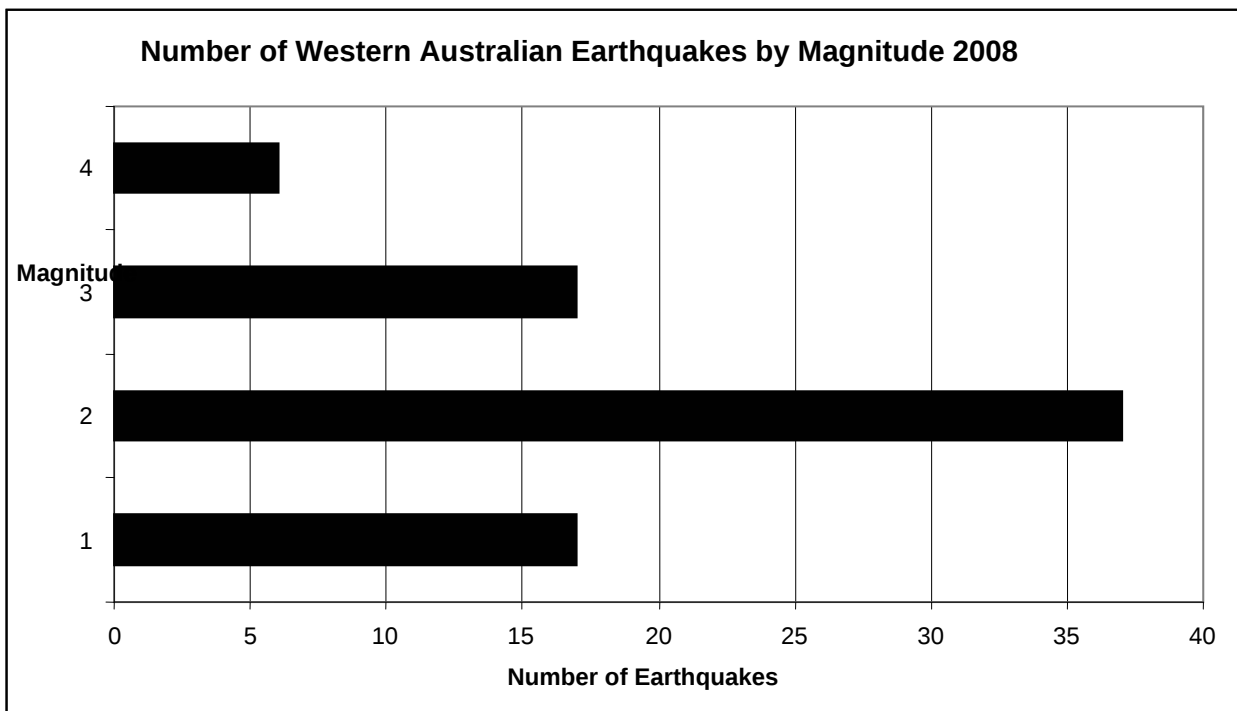


Figure 17: Number of Western Australian Earthquakes by Magnitude 2008

Table 22: Western Australian Top 11 Earthquakes

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
7.3	29-Apr-1941	1:35:39	-26.920	115.800	0	Meeberrie WA.
6.9	14-Oct-1968	2:58:50	-31.620	116.980	10	Meckering WA.
6.7	24-Mar-1970	10:35:17	-22.050	126.610	8	L Mckay WA.
6.6	16-Aug-1929	21:28:23	-16.990	120.660	33	Broome WA.
6.6	23-Apr-1979	5:45:10	-16.660	120.270	26	Broome WA.
6.5	05-Jan-1885	14:25:00	-29.000	114.000	0	ET-Everingham estimated the intensity and epicentre from felt reports at Geraldton, MM6 .
6.3	10-Aug-1997	9:20:31	-16.050	124.423	10	Collier Bay WA Epicentre offshore near Cockatoo Is WA.
6.2	8-Feb-1920	5:24:30	-35.000	111.000	33	Offshore WA.
6.2	6-May-1978	19:52:19	-19.550	126.560	17	L Mckay WA.
6.2	2-Jun-1979	9:47:59	-30.827	117.179	3	Cadoux WA.
6.2	18-Mar-1999	23:57:23	-12.118	121.607	2	

Table 23: Western Australian Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
2.1	8-Jan-08	13:02:43	-30.272	117.823	1	N of Beacon WA.
1.8	12-Jan-08	11:17:59	-30.810	117.086	0	N of Manmanning WA.
2.9	13-Jan-08	16:16:58	-26.650	117.069	2	W of Meekatharra WA.
2.3	15-Jan-08	12:51:52	-29.990	115.739	10	E of Eneabba WA.
1.4	17-Jan-08	16:03:21	-32.863	118.122	0	NW of Lake Grace WA.
2.8	18-Jan-08	10:40:55	-30.534	118.590	13	E of Bonnie Rock WA.
2.1	18-Jan-08	13:25:54	-30.543	118.439	0	E of Bonnie Rock WA.
2.1	18-Jan-08	16:50:25	-29.215	116.150	0	E of Morawa WA.
3.2	19-Jan-08	12:24:06	-33.016	122.127	0	S of Norseman WA.
1.8	22-Jan-08	17:11:41	-32.144	117.139	0	E of Beverley WA.
2.7	23-Jan-08	15:27:30	-31.690	117.050	0	Meckering WA.
1.9	27-Jan-08	6:30:24	-30.839	117.072	0	NW of Manmanning WA.
1.9	27-Jan-08	15:20:00	-30.578	118.429	0	SE of Bonnie Rock WA.
3.1	28-Jan-08	15:37:13	-22.683	113.872	7	SW of Learmonth WA.
1.8	28-Jan-08	22:51:01	-32.157	117.142	3	E of Beverley WA.
1.9	30-Jan-08	21:55:11	-32.140	117.163	2	E of Beverley WA.
2.2	7-Feb-08	19:56:38	-30.275	117.712	6	25 km NW of Beacon WA.
2.0	8-Feb-08	13:29:37	-30.549	118.387	0	SE of Bonnie Rock WA.
1.9	8-Feb-08	17:41:48	-30.591	118.554	8	E of Bonnie Rock WA.
2.9	16-Feb-08	2:44:26	-31.773	111.883	10	W of Perth WA.
1.4	17-Feb-08	0:17:18	-32.129	117.461	0	NW of Corrigin WA.
2.8	18-Feb-08	19:18:55	-26.693	112.770	10	SW of Carnarvon WA.
3.1	22-Feb-08	2:58:49	-19.097	123.526	2	SE of Broome WA.
2.5	5-Mar-08	6:54:06	-30.764	117.983	6	NE of Bencubbin WA.
2.3	13-Mar-08	15:03:53	-30.512	116.915	11	NE of Ballidu WA.
2.4	20-Mar-08	2:24:46	-30.516	118.571	12	E of Bonnie Rock WA.

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3.0	20-Mar-08	5:15:51	-23.696	126.017	0	SW of Lake Mackay WA.
1.9	21-Mar-08	16:03:44	-32.724	118.022	0	S of Corrigin WA.
1.8	21-Mar-08	16:19:58	-30.666	118.389	15	S of Bonnie Rock WA.
2.2	21-Mar-08	16:44:36	-30.687	118.379	7	S of Bonnie Rock WA.
1.5	21-Mar-08	17:15:12	-30.696	118.369	13	S of Bonnie Rock WA.
3.0	24-Mar-08	17:31:56	-30.668	118.385	12	S of Bonnie Rock WA.
1.9	24-Mar-08	18:10:59	-30.707	118.333	2	S of Bonnie Rock WA.
2.6	24-Mar-08	19:24:49	-30.649	118.392	7	S of Bonnie Rock WA.
4.4	31-Mar-08	8:27:48	-27.666	112.332	17	SW of Carnarvon WA.
3.5	2-Apr-08	8:14:43	-16.982	117.070	8	NW of Port Hedland WA.
2.4	3-Apr-08	13:22:24	-30.261	117.694	0	NW of Beacon WA.
2.7	5-Apr-08	12:04:25	-30.349	117.781	1	NW of Beacon WA.
1.5	7-Apr-08	4:58:57	-32.717	116.392	0	NW of Boddington WA.
1.5	8-Apr-08	23:50:53	-33.674	118.284	0	NE of Gnowangerup WA.
2.8	10-Apr-08	8:13:13	-30.429	116.960	12	SW of Kalannie WA.
2.7	12-Apr-08	23:53:33	-30.925	118.023	6	W of Mukinbudin WA.
3.2	17-Apr-08	18:22:34	-18.709	122.519	10	S of Broome WA.
2.7	19-Apr-08	16:24:10	-20.470	125.698	10	Great Sandy Desert WA.
2.8	21-Apr-08	7:29:40	-30.581	117.210	10	SE of Burakin WA.
2.8	1-May-08	13:52:14	-28.028	124.316	8	Near Yeo Lake WA.
3.7	3-May-08	22:14:31	-31.168	117.365	5	Near Wyalkatchem, WA.
3.5	7-May-08	7:27:30	-31.149	117.352	6	Wyalkatchem WA.
3.4	17-May-08	0:36:45	-30.117	116.975	0	NE of Kalannie, WA.
2.7	17-May-08	9:05:27	-30.664	117.501	11	North of Koorda WA.
1.9	20-May-08	11:46:35	-34.378	116.581	0	NW of Rocky Gully WA.
4.7	28-May-08	4:30:52	-18.596	122.323	0	S of Broome WA.
3.6	28-May-08	9:35:24	-18.430	118.920	5	221km N of Port Hedland WA.
3.1	1-Jun-08	12:14:26	-24.208	113.506	10	North of Carnarvon WA.
2.3	10-Jun-08	18:39:33	-30.276	116.964	0	Kalannie area WA.
2.2	12-Jun-08	11:43:49	-33.024	119.123	0	N of Newdegate WA.
2.0	19-Jun-08	11:31:38	-16.482	128.741	0	South of Kununurra WA.
2.8	23-Jun-08	13:17:39	-18.176	127.722	0	Halls Creek WA.
3.3	2-Jul-08	2:40:56	-30.739	121.473	0	N of Kalgoorlie WA.
2.7	4-Jul-08	15:25:33	-31.700	125.965	0	N of Cocklebidy WA.
1.8	6-Jul-08	21:45:51	-33.866	116.715	7	E of Boyup Brook WA.
4.5	9-Jul-08	23:45:20	-26.034	125.223	1	W of Warburton WA.
3.6	10-Jul-08	0:05:28	-26.029	125.316	9	W of Warburton WA.
2.6	20-Jul-08	21:14:47	-32.004	116.759	3	NW of Beverley WA.
2.1	24-Jul-08	0:50:35	-30.440	117.851	10	Near Beacon WA.
2.1	26-Jul-08	3:37:50	-31.987	116.773	0	South of York, WA.
2.8	27-Jul-08	6:44:05	-18.144	127.744	0	Halls Creek WA.
2.1	29-Jul-08	5:39:57	-32.015	116.812	12	NW of Beverley WA.
4.5	29-Jul-08	11:09:20	-14.550	122.110	0	Scott Reef, WA.
3.1	1-Aug-08	17:27:48	-30.495	117.132	0	NW of Burakin, WA.
4.1	2-Aug-08	5:18:23	-14.656	122.166	2	Scott Reef, WA.
2.5	8-Aug-08	10:27:25	-30.466	117.281	3	NE of Burakin WA.
3.2	6-Nov-08	14:56:27	-30.876	116.655	8	NE of Calingiri WA.
2.4	9-Nov-08	15:29:45	-30.611	121.615	4	NE of Kalgoorlie WA.
4.0	21-Nov-08	4:26:55	-15.210	113.000	0	North-West Shelf, WA.

3.0	5-Dec-08	15:30:05	-22.203	127.550	3	West of Lake Mackay WA.
2.8	15-Dec-08	16:52:48	-30.409	118.889	7	Near Woongaring Hills WA.

Australian Region

Geoscience Australia detects and locates earthquakes of magnitude 5 or higher in the Australian region, which for earthquakes encompasses Latitude 10° to -65° and Longitude 90° to -170° .

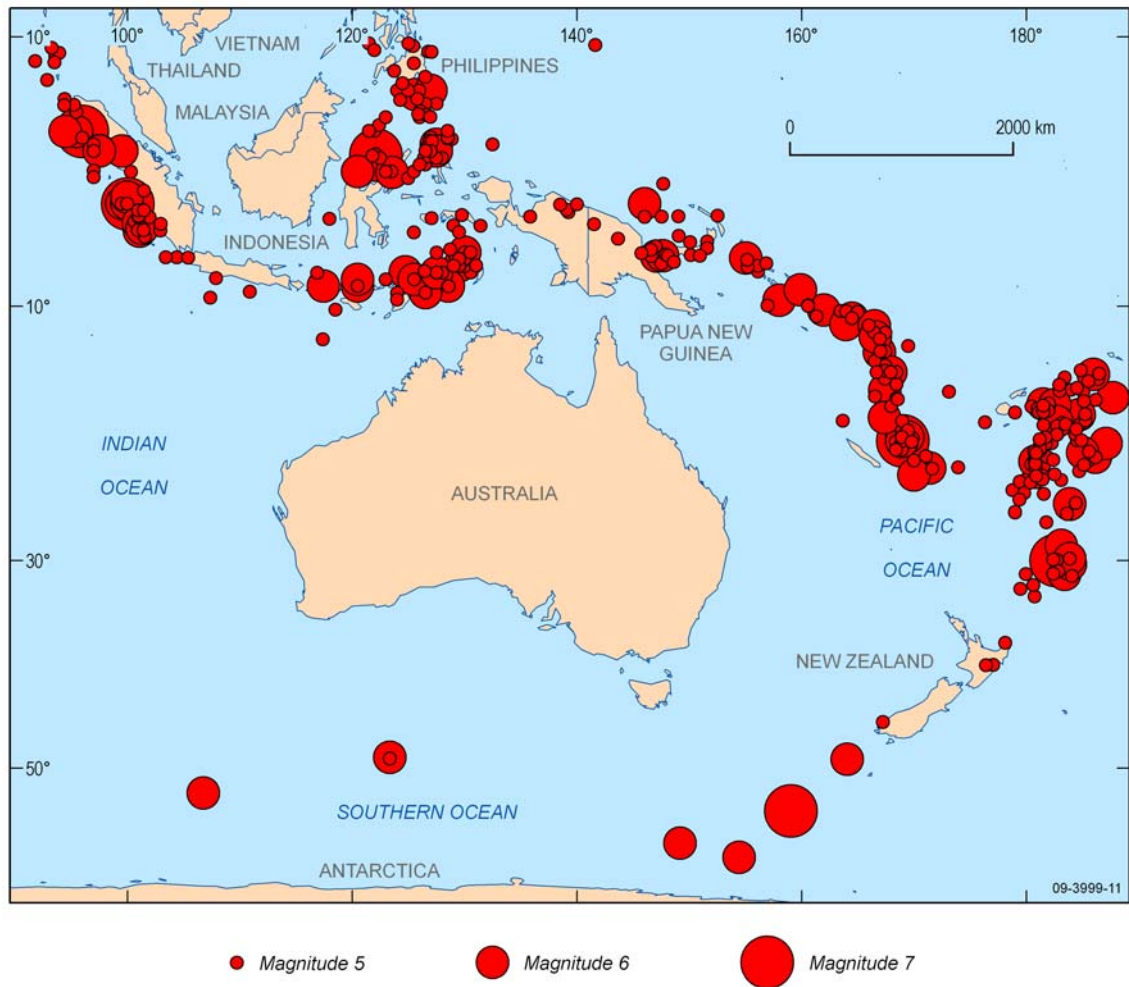


Figure 18: Map of 2008 Magnitude 5+ Australian Region Earthquakes.

Table 24: Australian Region Top 10 Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
7.4	12-Apr-08	0:30:16	-55.160	159.040	10	Macquarie Island.
7.4	16-Nov-08	17:02:30	1.210	122.110	8	Minahassa Peninsula, Borneo - Celebes.
7.3	9-Apr-08	12:46:16	-20.300	169.000	35	Loyalty Islands, New Hebrides Islands.
7.2	20-Feb-08	8:08:31	2.960	95.980	30	Off W Coast of Sumatra, Indonesia.
7.1	29-Sep-08	15:19:28	-29.980	-177.350	10	Kerdamec Islands, Tonga - Samoa region.
6.9	25-Feb-08	8:36:31	-2.400	100.050	10	Southern Sumatra, Sunda Arc.
6.9	8-Sep-08	18:52:07	-13.470	166.940	115	Vanuatu Islands region.
6.9	19-Oct-08	5:10:32	-21.590	-173.860	10	Tonga.
6.8	28-Apr-08	18:33:32	-20.000	168.940	100	Vanuatu Islands.
6.8	19-Jul-08	9:27:05	-10.900	164.470	30	Santa Cruz Islands.

Table 25: Australian Region Earthquakes (Magnitude 5+) 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
5.4	1-Jan-08	16:46:49	8.000	125.510	60	Mindanao, Philippine Islands.
6.5	1-Jan-08	18:55:03	-6.250	147.110	60	East Papua New Guinea Region, New Guinea.
5.6	5-Jan-08	20:01:54	5.360	94.430	60	Northern Sumatra, Andaman Islands to Sumatra.
5.4	9-Jan-08	21:33:18	2.440	128.510	215	Halmahera, Borneo.
5.4	10-Jan-08	1:33:13	-19.140	-177.250	569	Fiji Islands.
5.0	12-Jan-08	10:13:27	4.030	126.950	81	Talau Islands.
6.4	15-Jan-08	17:52:15	-21.930	-179.220	600	Fiji Islands Region.
5.1	16-Jan-08	20:11:52	-21.910	-179.200	606	Fiji Islands.
5.1	18-Jan-08	8:08:09	-20.910	-178.770	600	Fiji Islands Region.
5.7	18-Jan-08	19:31:08	-20.910	-178.770	600	Fiji Islands Region.
5.1	19-Jan-08	13:45:22	-21.800	-177.610	450	Fiji Islands Region.
5.2	19-Jan-08	19:33:47	-14.880	167.430	100	Vanuatu Islands.
5.0	20-Jan-08	10:27:27	1.530	126.540	106	Molucca Passage, Borneo - Celebes.
5.3	20-Jan-08	18:41:49	-44.990	167.240	5	South Island, New Zealand.
5.9	20-Jan-08	20:26:07	2.500	127.000	60	Molucca Passage.
5.6	22-Jan-08	7:55:52	-16.530	-174.940	10	Tonga Samoa Area.
5.7	22-Jan-08	10:49:20	-14.840	-175.160	10	Tonga Samoa Area.
6.2	22-Jan-08	17:14:56	1.540	97.540	6	N Sumatra, Andaman Islands.
5.6	23-Jan-08	13:54:22	-21.890	-179.140	596	Fiji Islands Region.
5.9	24-Jan-08	22:29:57	-6.260	146.610	60	Eastern New Guinea Region, Papua New Guinea.
5.3	25-Jan-08	13:29:16	3.000	122.000	600	Celebes Sea, Borneo.
6.2	30-Jan-08	7:32:48	-7.490	127.530	30	Banda Sea, Sunda Arc.
5.2	30-Jan-08	11:26:34	-7.490	127.530	10	Banda Sea, Sunda Arc.
5.2	30-Jan-08	12:48:26	0.000	125.500	10	Molucca Passage, Borneo -

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						Celebes.
5.0	30-Jan-08	17:55:44	-6.480	129.530	30	Banda Sea, Sunda Arc.
5.2	30-Jan-08	23:48:06	-13.390	167.450	200	Vanuatu Islands.
5.8	31-Jan-08	1:04:32	-5.980	130.030	60	Banda Sea, Sunda Arc.
5.2	31-Jan-08	1:41:57	-6.480	130.030	10	Banda Sea, Sunda Arc.
5.8	1-Feb-08	12:10:07	-21.360	-179.240	605	Fiji Islands Region.
5.4	3-Feb-08	17:10:25	-6.190	150.130	30	New Britain.
5.7	5-Feb-08	5:56:53	-3.490	117.990	60	Kalimantan, Borneo - Celebes.
5.1	6-Feb-08	5:12:34	1.500	127.000	100	Halmahera, Borneo - Celebes.
5.7	7-Feb-08	7:50:58	1.000	122.500	60	Minahassa Peninsula, Borneo.
5.4	7-Feb-08	9:25:29	-22.420	-179.180	450	South of Fiji Islands, Kermadec-Tonga-Samoa area.
5.7	7-Feb-08	20:58:17	-7.500	116.900	303	Bali Sea, Sunda Arc.
5.3	7-Feb-08	21:30:13	-23.530	179.420	583	South of Fiji Islands - Tonga - Kermadec - Samoa area.
5.3	9-Feb-08	18:34:05	-0.500	125.000	60	Molucca Sea, Borneo-Celebes.
6.4	13-Feb-08	19:58:45	-8.480	128.550	10	Timor Sea, Sunda Arc.
5.3	14-Feb-08	7:59:22	-8.511	128.579	10	Timor Sea, Sunda Arc.
5.3	14-Feb-08	17:28:25	-21.930	-179.220	600	Fiji Islands Region.
5.6	16-Feb-08	20:12:51	-17.760	-178.980	576	Fiji Islands.
5.6	17-Feb-08	21:38:54	-15.500	-173.610	10	Tonga - Samoa area.
5.6	18-Feb-08	9:54:34	-21.840	170.000	200	Loyalty Islands Region, New Hebrides Islands.
5.0	19-Feb-08	8:51:29	-25.000	179.380	600	South of Fiji Islands.
5.1	19-Feb-08	17:01:31	-2.380	99.480	30	Southern Sumatra, Sunda Arc.
7.2	20-Feb-08	8:08:31	2.960	95.980	30	Off W Coast of Sumatra, Indonesia.
5.9	21-Feb-08	23:55:33	-2.380	99.480	10	Southern Sumatra, Indonesia.
5.1	23-Feb-08	7:17:11	-2.380	99.980	30	Southern Sumatra, Sunda Arc.
5.2	24-Feb-08	4:36:30	-3.380	101.970	60	Southern Sumatra, Sunda Arc.
6.3	24-Feb-08	14:46:20	-2.380	99.980	10	Southern Sumatra, Sunda Arc.
5.5	24-Feb-08	14:57:35	-2.380	99.980	60	Southern Sumatra, Sunda Arc.
6.9	25-Feb-08	8:36:31	-2.400	100.050	10	Southern Sumatra, Sunda Arc.
5.4	25-Feb-08	11:38:49	-8.480	128.560	5	Timor Sea, Sunda Arc.
6.4	25-Feb-08	18:06:02	-2.340	99.970	10	Southern Sumatra, Sunda Arc.
6.7	25-Feb-08	21:02:16	-2.350	99.520	19	Southern Sumatra, Sunda Arc.
6.2	26-Feb-08	18:18:31	-3.800	101.000	30	Southern Sumatra, Sunda Arc.
5.4	26-Feb-08	19:47:08	-7.000	130.000	100	Banda Sea, Sunda Arc.
5.0	28-Feb-08	9:14:01	9.370	141.650	450	West Caroline Islands, Caroline Islands to Guam.
6.3	3-Mar-08	2:37:31	-1.890	99.990	60	Southern Sumatra, Sunda Arc.
5.0	5-Mar-08	16:11:03	-13.400	167.000	60	Vanuatu Islands, New Hebrides Islands.
5.0	5-Mar-08	17:04:03	4.900	94.400	30	Off W Coast of Northern Sumatra.
5.4	6-Mar-08	1:21:56	2.500	128.500	100	Halmahera, Borneo - Celebes.
5.1	6-Mar-08	3:36:27	-2.880	100.980	60	Southern Sumatra, Sunda Arc.
5.0	6-Mar-08	4:27:53	-23.370	-178.560	450	South of Fiji Islands.
5.4	12-Mar-08	1:32:36	2.000	132.500	10	West Irian region.
5.6	12-Mar-08	2:07:28	-16.850	166.540	168	Vanuatu Islands.

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6.5	12-Mar-08	11:23:43	-16.360	167.410	60	Vanuatu Islands, New Hebrides Islands.
5.3	12-Mar-08	11:38:07	-18.730	163.680	450	New Caledonia, New Hebrides Islands.
6.0	15-Mar-08	14:43:24	2.960	94.480	10	Off W Coast of Northern Sumatra, Indonesia.
6.2	18-Mar-08	8:22:46	-28.700	-176.900	30	Kermadec Islands Region, Kermadec-Tonga-Samoa Area.
5.3	19-Mar-08	11:55:59	-7.080	155.200	63	Solomon Islands, Bismarck and Solomon Islands Region.
5.3	20-Mar-08	12:15:41	1.500	127.000	100	Halmanero, Borneo-Celebes.
6.0	20-Mar-08	14:10:47	6.000	127.010	100	Philippine Islands Region, Philippines.
5.0	22-Mar-08	5:53:41	4.240	125.900	147	Talau Islands, Borneo - Celebes.
5.2	22-Mar-08	21:38:59	-19.800	-177.300	450	Fiji Islands Region.
5.5	26-Mar-08	13:57:08	-21.800	-177.600	300	Fiji Islands.
5.7	28-Mar-08	6:38:55	-32.420	179.470	450	South of Kermadec Islands, Kermadec - Tonga - Samoa Area.
5.2	29-Mar-08	1:53:43	1.000	126.400	56	Molucca Passage, Borneo-Celebes.
5.2	29-Mar-08	2:23:10	0.500	126.500	34	Molucca Passage, Borneo - Celebes.
6.3	29-Mar-08	17:30:54	2.960	95.480	30	Off W Coast of Northern Sumatra.
5.9	2-Apr-08	8:48:50	-4.370	102.950	10	Southern Sumatra, Indonesia.
5.8	2-Apr-08	19:10:22	-6.980	129.030	150	580km North of Darwin, Banda Sea, Sunda Arc.
5.4	7-Apr-08	5:50:30	-17.390	-177.990	450	Fiji Islands Region, Fiji Islands Area.
5.8	7-Apr-08	22:54:43	-19.850	168.940	100	Vanuatu Islands, New Hebrides Islands.
5.0	8-Apr-08	9:17:28	-20.910	-178.770	600	Fiji Islands Region.
6.4	9-Apr-08	11:13:24	-20.300	169.000	35	Loyalty Islands, New Hebrides Islands.
6.3	9-Apr-08	11:23:47	-20.300	169.000	30	Loyalty Islands, New Hebrides Islands.
7.3	9-Apr-08	12:46:16	-20.300	169.000	35	Loyalty Islands, New Hebrides Islands.
5.4	9-Apr-08	14:11:50	-20.300	169.000	100	Loyalty Islands, New Hebrides Islands.
5.2	9-Apr-08	14:21:15	-19.900	169.000	10	Vanuatu Islands, New Hebrides.
6.4	9-Apr-08	14:47:47	-19.900	169.000	10	Vanuatu Islands, New Hebrides Islands.
5.9	10-Apr-08	1:10:10	-20.350	168.940	60	Loyalty Islands, New Hebrides Islands.
5.5	10-Apr-08	13:07:18	-26.000	179.000	600	South of Fiji Islands, Kermadec-Tonga-Samoa Area.
5.3	10-Apr-08	21:47:50	-6.540	130.030	112	Banda Sea, Sunda Arc.
5.7	11-Apr-08	15:54:20	-20.340	169.020	65	Loyalty Islands, New Hebrides Islands.
6.1	11-Apr-08	16:36:01	-20.350	168.940	60	Loyalty Islands, New Hebrides Islands.
6.1	11-Apr-08	17:45:09	-20.350	168.940	60	Loyalty Islands, New Hebrides Islands.
7.4	12-Apr-08	0:30:16	-55.160	159.040	10	Macquarie Island.
5.1	14-Apr-08	3:15:42	-6.980	129.030	200	Banda Sea, Sunda Arc.
5.3	15-Apr-08	17:25:22	-18.990	-176.490	240	Fiji Islands Region.
5.4	16-Apr-08	9:46:12	-19.800	-177.260	450	Fiji Islands Region.

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5.3	16-Apr-08	22:59:18	-19.060	-178.480	611	Fiji Islands Region.
5.2	17-Apr-08	3:34:40	-24.450	179.820	582	S of Fiji Islands.
5.5	17-Apr-08	8:29:05	8.180	91.810	10	Nicobar Islands.
5.4	17-Apr-08	22:52:19	-13.410	167.260	222	Vanuatu Islands.
6.3	18-Apr-08	20:39:08	-17.430	-178.510	600	Fiji Islands Region.
6.2	19-Apr-08	3:12:26	-8.000	125.520	10	Timor, Sunda Arc.
6.5	19-Apr-08	5:58:51	-20.350	168.940	100	Loyalty Islands Region.
6.0	19-Apr-08	10:21:14	-8.000	125.520	10	Timor, Sunda Arc.
5.9	20-Apr-08	13:01:25	-8.000	125.520	10	Timor, Sunda Arc.
5.3	21-Apr-08	5:33:32	-6.980	129.540	100	Banda Sea, Sunda Arc.
5.1	23-Apr-08	14:05:44	-4.010	131.440	12	West Irian region.
5.7	24-Apr-08	1:19:24	-20.350	168.400	100	Loyalty Islands, New Hebrides.
5.1	25-Apr-08	18:23:03	-16.180	-175.490	300	Tonga Islands.
5.0	26-Apr-08	15:28:30	-26.800	-178.220	300	South of Fiji Islands.
6.1	26-Apr-08	23:34:56	-48.980	164.050	60	Off West coast of South Island, New Zealand.
5.5	27-Apr-08	1:16:13	-3.370	100.970	60	Southern Sumatra, Sunda Arc.
5.2	27-Apr-08	5:02:36	-7.890	107.890	10	Java, Sunda Arc.
6.8	28-Apr-08	18:33:32	-20.000	168.940	100	Vanuatu Islands.
6.4	28-Apr-08	20:26:55	-20.000	168.940	60	Loyalty Islands, New Hebrides Islands.
5.8	29-Apr-08	19:10:04	-5.990	127.520	450	Banda Sea, Sunda Arc.
5.5	1-May-08	4:57:57	-19.500	168.940	100	Vanuatu Islands.
5.4	3-May-08	0:52:19	-19.790	-175.670	200	Tonga Islands - Kermadec - Samoa region.
5.4	3-May-08	3:53:36	-2.880	101.480	60	Southern Sumatra, Sunda Arc.
5.2	3-May-08	19:01:49	-6.540	155.170	60	Solomon Islands.
5.5	5-May-08	2:50:32	-22.400	173.920	40	Loyalty Islands.
5.7	6-May-08	12:42:23	-20.500	168.900	100	Loyalty Islands, New Hebrides Islands.
5.5	6-May-08	23:27:37	-8.000	123.000	200	Flores Islands Region, Indonesia.
5.5	7-May-08	19:16:37	-17.550	-178.500	600	Fiji Islands Region.
5.8	13-May-08	10:29:28	4.400	95.460	100	Northern Sumatra, Indonesia.
5.3	15-May-08	22:19:12	-10.420	164.990	30	Santa Cruz Islands Region, New Hebrides.
5.1	17-May-08	14:17:27	6.000	125.000	100	Mindanao, Philippines Islands, Philippines.
5.9	18-May-08	12:17:25	-3.400	101.000	60	Southern Sumatra, Sunda Arc.
5.5	19-May-08	5:40:38	-7.470	130.550	10	Tanimbar Islands Region, Sunda Arc.
6.1	19-May-08	14:26:51	1.510	99.500	30	W coast of Northern Sumatra.
5.8	19-May-08	15:19:20	-5.770	147.100	100	Eastern Papua New Guinea.
5.6	19-May-08	19:02:28	-31.300	-175.940	30	Kermadec Islands region.
5.5	20-May-08	17:07:55	-2.880	101.480	10	Southern Sumatra.
5.6	21-May-08	22:22:53	-4.340	100.950	10	Southwest of Sumatra, Sunda Arc.
5.7	23-May-08	22:50:33	-7.000	129.500	100	Banda Sea, Sunda Arc.
5.4	24-May-08	7:40:41	-9.000	124.000	60	Timor, Sunda Arc.
5.1	24-May-08	9:24:04	-22.100	-179.210	600	S of Fiji.
5.0	24-May-08	10:28:46	-19.500	169.470	300	Vanuatu Islands.

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5.9	24-May-08	13:24:14	-7.400	156.140	100	Solomon Islands.
5.0	24-May-08	19:48:03	-23.090	-179.130	450	S of Fiji.
5.0	27-May-08	17:34:23	-20.000	168.940	100	Loyalty Islands, New Hebrides Islands.
5.0	31-May-08	3:16:12	-17.220	-174.870	200	Tonga Islands.
6.4	1-Jun-08	14:31:03	-59.510	149.170	10	W of Macquarie Island.
5.2	1-Jun-08	22:55:34	-4.490	129.520	10	Banda Sea.
5.0	2-Jun-08	4:19:46	-15.090	-173.520	10	Tonga Islands.
5.6	2-Jun-08	19:47:19	0.000	123.500	200	Minahassa Peninsula, Borneo-Celebes.
6.3	3-Jun-08	16:20:45	-10.290	161.980	60	Solomon Islands Region.
6.2	3-Jun-08	17:31:33	-8.000	120.480	10	Flores Island Region, Sunda Arc.
6.3	3-Jun-08	21:03:54	-8.500	120.500	30	Flores Island Region, Sunda Arc.
6.4	3-Jun-08	22:04:37	-8.500	120.500	60	Flores Island region, Sunda Arc.
5.6	4-Jun-08	21:28:31	-22.700	-175.300	60	Tonga Islands region, Kermadec-Tonga-Samoa Area.
5.0	5-Jun-08	21:10:31	-13.000	169.500	600	Vanuatu Islands Region, New Hebrides Islands.
6.0	6-Jun-08	13:42:47	-7.490	127.530	100	Banda Sea.
5.1	7-Jun-08	20:05:58	9.000	121.990	600	Sulu Sea, Philippines.
5.9	7-Jun-08	22:03:27	-8.500	120.480	60	Flores Island Region, Sunda Arc.
6.0	10-Jun-08	4:13:49	-18.480	167.370	100	Vanuatu Island Region.
5.7	10-Jun-08	7:44:42	5.000	126.500	100	Mindanao, Phillippines.
5.4	11-Jun-08	2:30:05	-33.090	-179.260	30	South of Kermadec Islands.
5.7	11-Jun-08	8:37:45	6.000	124.000	10	Mindanao, Phillippines.
5.1	11-Jun-08	13:13:23	4.000	123.000	600	Celebes Sea.
5.0	11-Jun-08	14:30:56	-32.100	-179.380	450	South of Kermadec Islands.
5.1	11-Jun-08	17:29:38	-21.100	-179.290	600	Fiji Islands Region.
5.2	12-Jun-08	2:09:57	-7.470	127.530	30	Banda Sea.
5.9	15-Jun-08	1:13:10	-17.630	-179.550	600	Fiji Islands Area.
5.1	17-Jun-08	17:05:25	-12.480	117.400	10	South of Sumbawa Island, Sunda Arc.
5.2	18-Jun-08	18:34:37	-18.210	-174.770	100	Tonga Islands.
5.0	19-Jun-08	0:35:35	6.770	92.880	30	Nicobar Islands Region, Andaman Islands to Sumatra.
5.6	19-Jun-08	0:36:53	-5.190	151.600	200	New Britain Region, Bismarck and Solomon Islands.
5.5	20-Jun-08	0:18:29	-18.700	-174.720	100	Tonga Islands Region.
5.5	20-Jun-08	3:16:01	-4.760	149.070	600	Bismark Sea, New Guinea.
5.1	20-Jun-08	10:01:39	-2.880	101.480	60	Southern Sumatra, Sunda Arc.
5.3	21-Jun-08	0:29:09	-22.490	171.620	30	Loyalty Islands Region.
5.6	21-Jun-08	14:04:00	-23.050	-178.580	600	Fiji Region.
5.6	21-Jun-08	22:41:54	-16.340	-175.990	300	Tonga Islands Region.
5.9	22-Jun-08	7:22:36	-9.960	156.980	200	Solomon Islands Region.
5.2	24-Jun-08	19:14:45	-3.300	101.020	71	Southern Sumatra.
5.5	24-Jun-08	19:48:06	-2.450	138.510	10	West Irian.
5.0	25-Jun-08	1:52:38	1.520	97.000	30	Northern Sumatra, Andaman Islands to Sumatra.
5.3	25-Jun-08	2:53:27	1.520	97.000	30	Northern Sumatra, Andaman Islands to Sumatra.
5.8	25-Jun-08	15:41:36	-5.680	151.570	104	New Britain region.

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6.2	26-Jun-08	21:19:20	-20.490	-172.910	60	Tonga Islands, Tonga-Samoa Area.
5.8	27-Jun-08	13:07:52	9.170	93.270	300	Nicobar Islands Region.
5.0	27-Jun-08	14:07:22	-22.950	-177.500	450	South of Fiji Islands.
5.4	27-Jun-08	14:16:21	0.070	97.000	10	Northern Sumatra.
5.5	27-Jun-08	18:05:47	9.170	93.270	200	Nicobar Islands Region.
5.0	28-Jun-08	13:57:39	9.170	93.270	200	Nicobar Islands Region.
5.0	28-Jun-08	17:20:29	-22.100	-179.210	600	South of Fiji Islands.
5.5	2-Jul-08	12:45:49	-18.900	-176.810	450	Fiji Islands Region.
5.1	6-Jul-08	4:30:24	-25.270	-175.600	60	South of Tonga Islands.
5.6	6-Jul-08	13:23:11	-17.630	-178.500	594	Fiji Islands region.
5.4	9-Jul-08	2:34:40	-12.470	166.960	30	Santa Cruz Islands.
5.7	9-Jul-08	8:24:59	-21.000	168.930	60	New Caledonia, New Hebrides Islands.
5.1	9-Jul-08	22:17:46	-1.420	101.490	100	Southern Sumatra, Sunda Arc.
5.0	10-Jul-08	3:46:53	-20.990	168.400	100	Loyalty Islands Region.
5.6	10-Jul-08	5:16:37	-15.480	167.420	200	Vanuatu Islands.
5.0	10-Jul-08	6:29:58	0.500	126.000	100	Molucca Passage, Borneo-Celebes.
5.4	10-Jul-08	16:01:05	-20.000	169.470	60	Vanuatu Islands, New Hebrides Islands.
5.0	10-Jul-08	17:32:29	6.540	124.490	32	Mindanao, Philippines.
5.6	11-Jul-08	6:51:38	-9.360	107.380	23	South of Java.
5.5	11-Jul-08	9:58:57	-3.330	147.540	60	Bismarck Sea, New Guinea.
5.6	14-Jul-08	4:44:46	2.000	97.000	30	Northern Sumatera, Indonesia.
5.7	16-Jul-08	8:11:21	-17.110	-173.830	100	Tonga Islands, Kermadec - Tonga - Samoa Area.
5.7	16-Jul-08	17:09:14	-30.910	-177.160	100	Kermadec Islands Region, Kermadec-Tonga-Samoa Area.
6.8	19-Jul-08	9:27:05	-10.900	164.470	30	Santa Cruz Islands.
5.2	19-Jul-08	9:34:34	-10.900	164.470	60	Santa Cruz Islands.
6.2	19-Jul-08	11:01:33	-11.380	163.950	10	Santa Cruz Islands.
5.0	19-Jul-08	11:15:30	-10.900	164.470	60	Santa Cruz islands.
5.0	19-Jul-08	22:34:18	-20.030	-178.310	600	Fiji Islands Region.
6.3	19-Jul-08	22:39:59	-17.470	-177.460	450	Fiji Islands Region.
5.1	19-Jul-08	23:19:55	-0.420	97.000	10	Southwest of Sumatra, Sunda Arc.
5.2	20-Jul-08	6:10:58	-8.920	110.890	10	Java, Sunda Arc.
5.1	20-Jul-08	21:14:07	-5.230	150.090	200	New Britain Region, Bismarck and Solomon Islands.
5.2	23-Jul-08	9:54:57	4.000	126.000	10	Talaud Islands, Borneo - Celebes.
5.0	24-Jul-08	20:45:02	-21.250	-179.130	631	Fiji Islands region.
5.9	25-Jul-08	5:01:28	-18.090	178.990	600	Fiji Islands Region.
5.4	25-Jul-08	20:11:16	-6.260	146.610	100	East Papua New Guinea.
5.2	26-Jul-08	16:49:56	9.170	93.270	60	Nicobar Islands Region, Andaman Islands to Sumatra.
5.0	27-Jul-08	19:30:51	-7.374	126.466	316	Kepulauan Barat Daya, Indonesia.
5.9	28-Jul-08	21:37:36	-10.360	163.480	60	Solomon Islands.
5.9	28-Jul-08	21:40:41	-10.380	163.980	10	Solomon Islands.
5.9	29-Jul-08	18:54:48	-3.260	152.540	100	New Ireland Region, Bismark and Solomon Islands.

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5.7	30-Jul-08	12:59:15	-22.010	-179.180	618	South of Fiji Islands.
5.6	1-Aug-08	10:36:30	9.500	121.490	600	Sulu Sea, Philippines.
5.5	4-Aug-08	15:17:03	-5.670	151.610	100	New Britain Region, Bismark and Solomon Islands.
6.2	4-Aug-08	20:45:17	-5.980	130.030	200	Banda Sea.
5.0	5-Aug-08	8:02:49	-20.170	-178.800	650	Fiji Islands.
5.0	5-Aug-08	8:27:05	-17.950	-178.050	594	Fiji Islands.
6.1	6-Aug-08	22:41:06	-8.480	117.450	30	Sumbawa Island Region, Sunda Arc.
5.8	8-Aug-08	6:37:42	-3.850	100.960	30	Southern Sumatra, Sunda Arc.
6.5	9-Aug-08	6:01:40	-61.600	154.430	10	Balleny Islands Region, Macquarie Loop.
6.0	9-Aug-08	16:36:31	-61.600	154.430	10	Balleny Islands Region, Macquarie Loop.
5.7	11-Aug-08	21:30:06	-20.480	-177.740	600	Fiji Islands Region.
6.2	12-Aug-08	5:26:00	-11.460	166.470	30	Santa Cruz Islands, New Hebrides Islands.
5.5	19-Aug-08	16:30:51	-15.690	-174.490	300	Tonga Islands.
5.1	20-Aug-08	13:18:47	9.500	125.020	200	Mindanao, Philippine Islands.
5.5	23-Aug-08	4:47:17	-4.500	125.510	450	Banda Sea, Sunda Arc.
5.5	24-Aug-08	2:46:28	-7.500	128.000	100	Banda Sea, Sunda Arc.
5.8	25-Aug-08	2:43:17	9.310	125.440	66	Mindanao, Philippine Islands.
5.6	25-Aug-08	11:25:38	-39.350	176.420	33	North Island, New Zealand.
5.4	25-Aug-08	13:17:20	-16.430	-177.030	450	Fiji Islands Region.
5.8	26-Aug-08	3:07:34	-6.350	104.400	57	Sunda Strait, Indonesia.
5.0	28-Aug-08	8:56:46	-18.050	-178.470	600	Fiji Islands Region.
6.3	30-Aug-08	6:54:03	-6.240	147.620	30	East Papua New Guinea Region.
5.5	30-Aug-08	14:48:23	-6.990	156.110	81	SE of Bougainville Island.
5.9	1-Sep-08	1:21:40	-39.320	177.060	60	Off E Coast of N Island, New Zealand.
6.2	1-Sep-08	4:00:33	-25.320	-176.150	200	South of Fiji Islands.
5.1	1-Sep-08	5:32:00	-15.940	-177.070	300	Fiji Islands Region.
5.1	1-Sep-08	6:14:29	-23.620	-179.630	600	South of Fiji islands.
5.3	1-Sep-08	7:06:29	-15.400	-176.590	100	Fiji Islands Region.
5.5	1-Sep-08	17:19:10	4.450	126.060	91	S of Mindanao, Philippines.
5.7	4-Sep-08	9:36:55	-11.980	167.470	200	Santa Cruz Islands, New Hebrides Islands.
5.0	6-Sep-08	23:01:59	-6.970	131.050	10	Tanimbar Islands.
6.3	8-Sep-08	3:03:12	-20.000	169.470	42	Vanuatu Islands.
6.9	8-Sep-08	18:52:07	-13.470	166.940	115	Vanuatu Islands region.
5.5	9-Sep-08	3:07:31	-3.880	102.960	60	Southern Sumatra, Sunda Arc.
6.1	9-Sep-08	12:22:55	-9.540	158.010	30	Solomon Islands Region.
5.6	9-Sep-08	23:18:38	-11.960	166.460	200	Santa Cruz Islands, New Hebrides Islands.
5.5	10-Sep-08	3:00:25	2.480	95.990	10	Off W Coast of Northern Sumatra, Andaman Islands to Sumatra.
6.7	10-Sep-08	23:59:55	2.000	127.500	100	Molucca Passage, Borneo - Celebes.
6.6	11-Sep-08	0:00:05	1.500	127.500	100	Kepulauan Talaud Indonesia.
5.6	11-Sep-08	21:04:29	-21.520	-178.180	450	Fiji Islands Region.
5.8	12-Sep-08	16:44:26	-21.500	171.070	100	Loyalty Islands region.

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5.8	13-Sep-08	0:04:05	-3.990	129.010	100	Ceram, Borneo - Celebes.
5.0	13-Sep-08	7:32:07	-20.990	168.400	10	Loyalty Islands, New Hebrides Islands.
5.3	13-Sep-08	19:19:23	-20.520	-178.270	450	Fiji Islands Region.
5.9	14-Sep-08	0:00:09	-8.990	126.530	30	Timor, Sunda Arc.
5.3	14-Sep-08	18:51:04	-7.490	128.030	100	Banda Sea, Sunda Arc.
5.4	14-Sep-08	20:18:51	-23.400	-176.910	200	South of Fiji Islands.
6.1	16-Sep-08	11:15:47	-8.990	126.530	100	Timor, Sunda Arc.
5.6	21-Sep-08	7:05:46	-3.900	141.540	100	Papua New Guinea.
5.0	21-Sep-08	16:23:22	-17.550	-178.500	600	Fiji Islands Region.
5.1	21-Sep-08	18:50:28	-31.150	179.940	450	Kermadec Islands Region, Kermadec - Tonga - Samoa Area.
5.0	21-Sep-08	19:19:12	-15.690	-174.490	200	Tonga Islands.
5.2	22-Sep-08	20:20:50	-23.090	-179.130	450	South of Fiji Islands.
5.5	26-Sep-08	5:48:53	-17.510	-177.980	600	Fiji Islands Region.
5.2	26-Sep-08	23:10:01	-5.980	130.530	60	Banda Sea.
5.3	28-Sep-08	13:43:03	-6.480	130.030	200	Banda Sea, Sunda Arc.
7.1	29-Sep-08	15:19:28	-29.980	-177.350	10	Kermadec Islands, Tonga - Samoa region.
5.3	29-Sep-08	16:10:38	-29.900	-177.600	35	Kermadec Islands.
5.3	1-Oct-08	6:19:50	-17.940	-178.490	602	Fiji Islands region.
5.0	2-Oct-08	4:16:20	-20.260	-175.090	140	Tonga Islands.
5.4	2-Oct-08	13:03:05	-30.910	-177.160	100	Kermadec Islands Region.
6.1	2-Oct-08	23:28:16	-23.000	170.000	60	Loyalty Islands, New Hebrides Islands.
5.4	4-Oct-08	14:50:25	-29.820	-176.140	30	Kermadec Islands Region.
6.3	5-Oct-08	9:12:58	-30.310	-176.080	30	Kermadec Islands Region.
6.0	9-Oct-08	17:50:14	-21.220	-174.980	100	Tonga Islands Area.
5.2	10-Oct-08	18:21:53	1.000	127.500	200	Halmanero, Borneo.
5.2	11-Oct-08	16:34:45	-9.500	124.000	60	Timor, Sunda ARC.
5.2	11-Oct-08	19:57:31	-5.440	109.950	600	Java Sea, Sunda Arc.
5.0	13-Oct-08	12:07:48	-21.160	-174.410	49	Tonga Islands.
5.6	13-Oct-08	15:56:53	-20.630	-178.770	602	Fiji Islands region.
5.5	14-Oct-08	16:52:58	-21.540	-178.160	450	Fiji Islands region.
5.3	15-Oct-08	16:35:54	-6.480	129.530	200	Banda Sea, Sunda Arc.
5.9	18-Oct-08	0:54:36	-6.820	147.520	54	East Papua New Guinea.
6.9	19-Oct-08	5:10:32	-21.590	-173.860	10	Tonga.
5.6	19-Oct-08	12:55:03	-21.600	-173.820	10	Tonga.
6.0	20-Oct-08	4:54:20	0.000	120.500	100	Sulawesi, Indonesia.
5.8	21-Oct-08	13:00:44	-7.490	127.530	100	Banda Sea, Sunda Arc.
6.5	22-Oct-08	12:55:54	-18.260	-175.290	200	Tonga Islands, Kermadec-Tonga-Samoa Region.
5.7	22-Oct-08	17:03:39	-24.530	-178.450	300	South of Fiji Islands, Kermadec-Tonga-Samoa Area.
5.7	23-Oct-08	9:21:12	5.990	125.980	105	Mindanao, Philippines.
6.2	23-Oct-08	10:04:33	-2.370	146.030	6	Admiralty Islands region.
5.6	26-Oct-08	9:08:31	0.000	123.000	60	Minahassa Peninsula, Borneo-Celebes.
5.6	27-Oct-08	5:43:46	-14.480	167.440	100	Vanuatu Islands, New Hebrides Islands.

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5.6	28-Oct-08	15:55:57	-23.580	-179.080	450	South of Fiji Islands.
5.8	28-Oct-08	16:00:04	-3.350	146.030	10	Bismarck Sea, New Guinea.
5.2	29-Oct-08	22:17:01	4.200	126.660	63	Talaud Islands region.
5.8	1-Nov-08	1:13:11	-3.310	149.040	30	Bismarck Sea.
5.9	1-Nov-08	1:34:29	-6.980	129.030	10	Banda Sea, Sunda Arc.
5.1	2-Nov-08	21:59:04	3.000	121.500	450	Celebes Sea, Borneo-Celebes.
6.0	3-Nov-08	19:22:05	1.520	97.500	60	Northern Sumatra.
5.6	3-Nov-08	19:36:14	-16.340	-176.000	300	Kermadec-Tonga-Samoa Area.
5.9	4-Nov-08	18:35:45	-16.990	168.440	200	Vanuatu Islands.
6.0	6-Nov-08	9:11:01	-29.820	-176.140	30	Kermadec Islands Region.
6.7	7-Nov-08	7:19:43	-14.990	167.940	60	Vanuatu Islands.
5.1	7-Nov-08	7:35:53	-14.990	167.940	60	Vanuatu Islands.
5.2	7-Nov-08	7:45:59	-14.990	167.940	60	Vanuatu Islands.
5.3	7-Nov-08	8:43:21	-24.230	178.780	600	South of Fiji Islands, Kermadec.
5.5	7-Nov-08	9:40:05	-14.990	168.460	60	Vanuatu Islands.
6.4	7-Nov-08	16:04:29	-6.980	129.540	100	Banda Sea, Sunda Arc.
6.0	8-Nov-08	7:49:56	-15.150	-174.030	100	Kermadec-Tonga-Samoa Area.
5.2	9-Nov-08	10:38:46	-6.990	129.520	65	Banda Sea.
5.5	10-Nov-08	7:51:57	-18.070	-178.900	650	Fiji Islands region.
5.1	10-Nov-08	8:58:47	-0.020	100.330	94	Sumatra.
5.3	12-Nov-08	2:04:53	7.000	126.510	60	Mindanao, Philippines.
5.9	14-Nov-08	22:52:53	-21.500	171.070	100	Loyalty Islands.
5.3	15-Nov-08	21:58:22	-18.740	168.960	20	Vanuatu Islands.
7.4	16-Nov-08	17:02:30	1.210	122.110	8	Minahassa Peninsula, Borneo - Celebes.
5.8	16-Nov-08	17:34:40	1.270	122.080	47	Minahassa Peninsula, Borneo - Celebes.
5.5	16-Nov-08	18:20:36	1.160	121.820	108	Minahassa Peninsula, Borneo - Celebes.
5.5	17-Nov-08	6:00:58	-5.770	128.740	311	Banda Sea, Sunda Arc.
5.4	17-Nov-08	8:07:13	-5.530	147.020	185	East Papua New Guinea Region.
5.4	17-Nov-08	11:32:05	-11.450	165.970	200	Santa Cruz Islands, New Hebrides Islands.
5.5	17-Nov-08	13:16:22	-16.470	173.110	0	Fiji Islands Region.
5.4	19-Nov-08	0:54:44	-4.980	143.660	95	Papua New Guinea.
5.6	19-Nov-08	17:14:21	8.560	93.610	59	Nicobar Islands Region.
5.6	19-Nov-08	20:38:58	-22.160	-179.570	588	South of Fiji Islands.
6.1	21-Nov-08	7:05:30	-8.760	159.900	90	75km North of Honiara, Solomon Islands.
6.5	22-Nov-08	16:00:58	-4.420	101.070	0	Souther Sumatra, Sunda Arc.
6.6	22-Nov-08	16:01:38	-22.460	171.400	45	Loyalty Islands Region.
5.6	22-Nov-08	16:11:54	-4.350	101.450	60	Southern Sumatra, Sunda Arc.
5.8	22-Nov-08	17:22:37	-22.490	171.620	100	Loyalty Islands Region.
5.5	23-Nov-08	7:53:45	-20.250	-175.490	209	Tonga Islands Region.
5.6	23-Nov-08	8:58:18	-22.490	171.620	60	Loyalty Islands Region.
5.3	24-Nov-08	19:53:33	-5.780	146.600	30	Papua New Guinea.
5.7	25-Nov-08	1:36:28	-29.930	-177.290	30	Kermadec Islands region.
5.1	25-Nov-08	4:17:45	-6.230	148.120	200	Papua New Guinea.
5.2	25-Nov-08	10:21:21	7.450	123.750	0	Mindanao, Philippine Islands.

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5.2	25-Nov-08	15:04:37	-22.200	-174.870	0	Tonga Islands Region.
5.0	25-Nov-08	19:20:44	-6.980	129.030	35	Banda Sea.
5.8	26-Nov-08	4:01:58	-20.100	169.890	170	Vanuatu Islands region.
5.8	27-Nov-08	17:31:24	-17.590	167.980	0	Vanuatu Islands Region.
5.9	28-Nov-08	8:50:46	-4.840	101.560	28	Southern Sumatra, Sunda Arc.
6.1	29-Nov-08	5:59:15	-18.780	-177.300	410	Fiji Islands Area.
5.5	1-Dec-08	20:21:28	-22.200	-174.870	15	Tonga Islands Region.
5.0	2-Dec-08	9:10:55	-2.430	140.010	5	West Irian.
5.0	2-Dec-08	17:05:59	-20.380	169.810	188	Vanuatu Islands region.
6.5	2-Dec-08	18:39:08	-52.910	106.770	0	Southeast Indian Ridge.
5.3	3-Dec-08	1:52:17	-6.150	147.920	0	East Papua New Guinea Region.
5.2	4-Dec-08	23:13:33	3.420	122.410	596	Celebes Sea, Borneo-Celebes.
5.3	5-Dec-08	23:24:40	8.080	93.510	2	Nicobar Islands Region, Andaman Islands to Sumatra.
5.4	6-Dec-08	0:43:07	8.780	93.930	27	Nicobar Islands region, Andaman Islands to Sumatra.
6.4	6-Dec-08	10:55:26	-7.430	124.730	393	Banda Sea, Sunda Arc.
5.2	6-Dec-08	23:36:41	-19.390	-175.540	218	Tonga Islands.
5.1	8-Dec-08	0:07:07	-6.700	148.640	43	East of Papua New Guinea.
6.5	8-Dec-08	18:39:09	-52.910	106.770	0	Southeast Indian Rise, Indian Ocean.
5.2	9-Dec-08	3:06:57	-6.050	145.760	112	Papua New Guinea.
5.2	9-Dec-08	5:33:16	1.110	126.820	86	Molucca Sea.
6.6	9-Dec-08	6:24:02	-31.180	-176.590	28	Kermadec Islands region.
5.2	9-Dec-08	9:29:26	-6.230	150.950	78	New Britain Region, Bismarck and Solomon Islands.
5.7	9-Dec-08	15:31:52	-3.000	139.240	54	West Irian, New Guinea.
5.0	9-Dec-08	16:06:59	-3.460	127.060	94	Ceram, Borneo - Celebes.
5.2	9-Dec-08	16:48:41	1.000	128.000	60	Halmahera, Borneo - Celebes.
5.9	9-Dec-08	17:28:55	-15.890	168.450	202	Vanuatu Islands, New Hebrides Islands.
5.4	9-Dec-08	18:51:15	-21.060	-178.760	600	Fiji Islands Region.
6.1	10-Dec-08	13:15:36	-12.310	166.550	71	Santa Cruz Islands, New Hebrides Islands.
5.8	11-Dec-08	16:29:08	-18.980	-175.180	225	Tonga Islands.
5.8	11-Dec-08	17:06:06	-3.680	100.640	11	Southern Sumatera, Sunda Arc.
5.5	11-Dec-08	20:55:11	-6.370	105.420	100	Sunda Strait, Sunda Arc.
6.0	11-Dec-08	21:40:58	-0.080	123.550	160	Minahassa Peninsula, Borneo-Celebes.
5.0	12-Dec-08	21:12:10	-3.340	135.860	72	West Irian Region, New Guinea.
6.2	13-Dec-08	8:45:39	-48.790	123.360	18	Antarctic Ridge, South of Australia.
5.2	13-Dec-08	8:59:42	-48.930	123.370	5	Antarctic Ridge, South of Australia.
5.2	13-Dec-08	19:00:39	-3.220	129.770	61	Seram, Indonesia.
5.3	13-Dec-08	22:37:31	-14.130	166.510	99	Vanuatu Islands, New Hebrides Islands.
5.1	13-Dec-08	23:17:20	-14.970	166.690	0	Vanuatu Islands, New Hebrides Islands.
5.4	14-Dec-08	19:32:28	2.270	126.940	76	Molucca Passage.
5.0	15-Dec-08	5:17:43	-26.110	-176.400	49	South of Fiji Islands.
5.8	17-Dec-08	10:56:02	-17.900	-178.050	593	Fiji Islands Area.

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5.3	17-Dec-08	16:06:56	-6.340	103.410	25	Southwest of Sumatera, Sunda Arc.
5.5	17-Dec-08	20:33:54	-37.270	178.130	100	Off East Coast of New Zealand.
5.6	18-Dec-08	3:20:09	-17.060	168.560	308	Vanuatu Islands.
5.5	18-Dec-08	6:22:17	-6.790	156.860	129	Solomon Islands.
5.4	18-Dec-08	15:50:17	2.220	127.120	116	Molucca Passage, Borneo.
5.6	18-Dec-08	20:57:39	-23.410	179.910	540	South of Fiji Islands.
5.1	19-Dec-08	4:04:03	3.000	128.500	100	North of Halmahera, Borneo - Celebes.
5.3	19-Dec-08	8:06:16	1.090	126.870	104	Molucca Passage, Borneo - Celebes.
5.0	19-Dec-08	20:02:24	-9.970	160.570	78	Solomon Islands.
5.5	19-Dec-08	22:33:21	-9.920	160.570	50	Solomon Islands.
5.1	20-Dec-08	6:10:36	-31.120	-177.590	57	Kermadec Islands region.
5.0	20-Dec-08	13:49:59	8.860	127.080	53	Philippine Islands Region.
5.4	20-Dec-08	15:43:07	8.870	126.790	67	Mindanao, Philippine Islands.
5.6	20-Dec-08	17:44:46	-2.820	139.080	32	Near the North Coast of West Irian, New Guinea.
5.6	21-Dec-08	13:47:58	4.920	95.270	108	Northern Sumatra.
6.2	23-Dec-08	11:15:22	-6.410	155.030	66	Solomon Islands.
5.7	23-Dec-08	17:51:46	2.390	128.860	57	Halmahera, Borneo-Celebes.
6.3	24-Dec-08	9:11:35	-16.940	-172.280	0	Samoa Islands Region.
5.0	24-Dec-08	9:57:11	-0.920	147.690	90	Admiralty Islands Region, New Guinea.
5.7	25-Dec-08	0:11:06	-18.860	176.320	100	Fiji Islands Region.
6.3	25-Dec-08	3:20:29	5.680	125.640	206	Mindanao, Philippine Islands.
5.6	25-Dec-08	18:12:06	5.280	124.290	427	Mindanao, Philippine Islands.
5.4	30-Dec-08	3:20:55	5.360	125.820	129	Mindanao, Philippine Islands.
5.3	30-Dec-08	17:43:52	-10.760	161.330	50	Solomon Islands.
5.1	30-Dec-08	18:09:26	-10.260	118.530	45	South of Sumbawa Island, Indonesia.
6.1	30-Dec-08	19:49:57	-4.210	101.320	43	Southern Sumatra, Sunda Arc.
5.8	31-Dec-08	11:39:55	5.000	127.510	60	Talaud Islands, Borneo-Celebes.

World

Geoscience Australia detects and locates any earthquakes in the World of Magnitude 6 or higher.

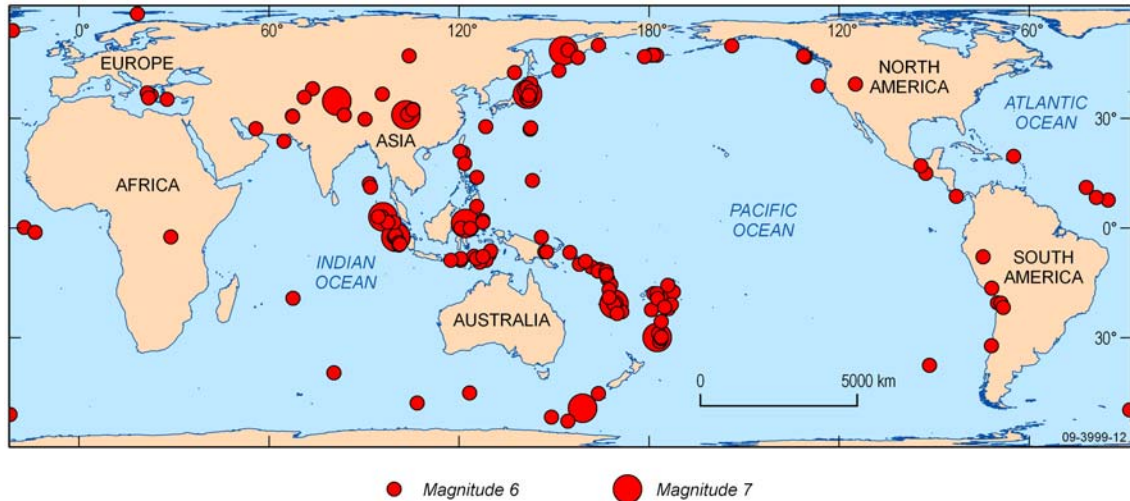


Figure 19: Map of 2008 Magnitude 6+ World Earthquakes.

Table 26: World Top 9 Earthquakes 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
7.8	12-May-08	6:28:01	31.120	103.260	10	Eastern Sichuan, China.
7.5	5-Jul-08	2:12:03	53.890	153.030	605	Sea of Okhotsk.
7.4	12-Apr-08	0:30:16	-55.160	159.040	10	Macquarie Island.
7.4	16-Nov-08	17:02:30	1.210	122.110	8	Minahassa Peninsula, Borneo - Celebes.
7.3	9-Apr-08	12:46:16	-20.300	169.000	35	Loyalty Islands, New Hebrides Islands.
7.2	20-Feb-08	8:08:31	2.960	95.980	30	Off W Coast of Sumatra, Indonesia.
7.2	20-Mar-08	22:33:00	35.424	81.386	37	Xinjiang-Xizang Border Region.
7.1	29-Sep-08	15:19:28	-29.980	-177.350	10	Kerdamec Islands, Tonga - Samoa region.
7.0	19-Jul-08	2:39:25	37.630	141.640	10	Near East Coast of Honshu, Japan.

Table 27: World Earthquakes Magnitude 6+ 2008

MAGNITUDE	DATE	TIME(UTC)	LATITUDE	LONGITUDE	DEPTH (KM)	COMMENTS
6.5	1-Jan-08	18:55:03	-6.250	147.110	60	East Papua New Guinea Region, New Guinea.
6.5	5-Jan-08	11:01:05	51.300	-130.710	10	Queen Charlotte Islands, Canada.
6.5	5-Jan-08	11:44:48	51.170	-130.560	10	Queen Charlotte Islands, Canada.
6.1	6-Jan-08	5:14:20	37.226	22.727	74	Southern Greece.
6.1	9-Jan-08	14:40:01	51.690	-131.130	10	Queen Charlotte Islands, Canada.
6.4	15-Jan-08	17:52:15	-21.930	-179.220	600	Fiji Islands Region.
6.2	22-Jan-08	17:14:56	1.540	97.540	6	N Sumatra, Andaman Islands.
6.2	30-Jan-08	7:32:48	-7.490	127.530	30	Banda Sea, Sunda Arc.
6.0	3-Feb-08	7:34:12	-2.314	28.896	10	Dem. Rep. of Congo.
6.3	4-Feb-08	17:01:31	-20.020	-69.840	35	Tarapaca Chile.
6.7	8-Feb-08	9:38:14	10.703	-41.879	10	Northern Mid-Atlantic Ridge.
6.5	10-Feb-08	12:22:04	-60.750	-25.500	10	South Sandwich Islands Region.
6.4	12-Feb-08	12:50:22	16.510	-94.100	115	Onshore Mexico near Oaxaca.
6.4	13-Feb-08	19:58:45	-8.480	128.550	10	Timor Sea, Sunda Arc.
6.7	14-Feb-08	10:09:24	36.600	21.800	30	Southern Greece.
6.0	14-Feb-08	12:08:57	36.400	21.900	30	Southern Greece.
6.0	16-Feb-08	14:45:12	-21.233	-68.013	134	Potosi, Bolivia.
7.2	20-Feb-08	8:08:31	2.960	95.980	30	Off W Coast of Sumatra, Indonesia.
6.2	20-Feb-08	18:27:12	36.624	21.828	35	Southern Greece.
6.2	21-Feb-08	2:46:18	77.051	18.349	10	Svalbard region.
6.0	21-Feb-08	14:16:05	41.077	-114.750	9	Nevada, USA.
6.8	23-Feb-08	15:57:25	-57.110	-23.600	35	SW Atlantic Ocean.
6.3	24-Feb-08	14:46:20	-2.380	99.980	10	Southern Sumatra, Sunda Arc.
6.9	25-Feb-08	8:36:31	-2.400	100.050	10	Southern Sumatra, Sunda Arc.
6.4	25-Feb-08	18:06:02	-2.340	99.970	10	Southern Sumatra, Sunda Arc.
6.7	25-Feb-08	21:02:16	-2.350	99.520	19	Southern Sumatra, Sunda Arc.
6.2	26-Feb-08	18:18:31	-3.800	101.000	30	Southern Sumatra, Sunda Arc.
6.4	27-Feb-08	6:54:25	26.835	142.422	47	Bonin Islands, Japan Region.
6.3	3-Mar-08	2:37:31	-1.890	99.990	60	Southern Sumatra, Sunda Arc.
6.5	3-Mar-08	9:31:06	45.840	151.570	10	Kuril Islands, Japan.
6.1	3-Mar-08	13:49:59	17.120	121.840	10	Luzon, Philippine Islands, Philippines.
6.9	3-Mar-08	14:11:15	13.357	125.665	24	Philippine Islands Region.
6.5	12-Mar-08	11:23:43	-16.360	167.410	60	Vanuatu Islands, New Hebrides Islands.
6.3	14-Mar-08	22:32:16	27.201	142.681	46	Bonin Islands, Japan Region.
6.0	15-Mar-08	14:43:24	2.960	94.480	10	Off W Coast of Northern Sumatra, Indonesia.
6.2	18-Mar-08	8:22:46	-28.700	-176.900	30	Kermadec Islands Region, Kermadec-Tonga-Samoa Area.
7.2	20-Mar-08	22:33:00	35.424	81.386	37	Xinjiang-Xizang Border Region.
6.2	22-Mar-08	21:24:12	52.100	-178.600	132	Andreanof Islands, Aleutian Islands.
6.1	24-Mar-08	20:39:07	-20.035	-68.792	119	Tarapaca, Chile.
6.3	29-Mar-08	17:30:54	2.960	95.480	30	Off W Coast of Northern Sumatra.

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6.4	9-Apr-08	11:13:24	-20.300	169.000	35	Loyalty Islands, New Hebrides Islands.
6.3	9-Apr-08	11:23:47	-20.300	169.000	30	Loyalty Islands, New Hebrides Islands.
7.3	9-Apr-08	12:46:16	-20.300	169.000	35	Loyalty Islands, New Hebrides Islands.
6.4	9-Apr-08	14:47:47	-19.900	169.000	10	Vanuatu Islands, New Hebrides Islands.
6.1	11-Apr-08	16:36:01	-20.350	168.940	60	Loyalty Islands, New Hebrides Islands.
6.1	11-Apr-08	17:45:09	-20.350	168.940	60	Loyalty Islands, New Hebrides Islands.
7.4	12-Apr-08	0:30:16	-55.160	159.040	10	Macquarie Island.
6.0	14-Apr-08	9:45:18	-55.943	-28.099	117	South Sandwich Islands Region.
6.3	15-Apr-08	22:59:55	52.000	-179.400	30	Andreanof Islands, Aleutian Islands, Alaska.
6.5	16-Apr-08	5:54:23	51.900	-179.100	31	Andreanoff Islands, Aleutian Islands, Alaska.
6.3	18-Apr-08	20:39:08	-17.430	-178.510	600	Fiji Islands Region.
6.2	19-Apr-08	3:12:26	-8.000	125.520	10	Timor, Sunda Arc.
6.5	19-Apr-08	5:58:51	-20.350	168.940	100	Loyalty Islands Region.
6.0	19-Apr-08	10:21:14	-8.000	125.520	10	Timor, Sunda Arc.
6.1	26-Apr-08	23:34:56	-48.980	164.050	60	Off West coast of South Island, New Zealand.
6.0	28-Apr-08	15:57:56	-58.677	-24.850	35	South Sandwich Islands region.
6.8	28-Apr-08	18:33:32	-20.000	168.940	100	Vanuatu Islands.
6.4	28-Apr-08	20:26:55	-20.000	168.940	60	Loyalty Islands, New Hebrides Islands.
6.6	2-May-08	1:33:36	51.901	-177.590	10	Andreanof Islands, Alaska.
6.2	7-May-08	16:02:02	36.088	142.026	35	Off East Coast of Honshu, Japan.
6.8	7-May-08	16:45:20	36.137	141.446	35	Near East Coast of Honshu, Japan.
6.7	9-May-08	21:51:31	12.509	143.157	87	Guam region.
7.8	12-May-08	6:28:01	31.120	103.260	10	Eastern Sichuan, China.
6.0	12-May-08	6:43:15	31.225	103.761	10	Eastern Sichuan, China.
6.2	17-May-08	17:08:25	31.600	104.100	10	Sichuan Province, China.
6.1	19-May-08	14:26:51	1.510	99.500	30	W coast of Northern Sumatra.
6.0	20-May-08	13:53:39	51.340	178.650	52	Rat Islands, Aleutian Islands.
6.4	23-May-08	19:35:35	7.300	-34.900	10	Central Mid-Atlantic Ridge.
6.0	25-May-08	8:21:49	32.600	105.400	10	Sichuan Province, China.
6.2	25-May-08	19:18:24	56.100	-153.800	10	Kodiak Island, Alaska.
6.2	29-May-08	15:46:00	64.007	-21.006	10	Iceland.
6.6	31-May-08	4:37:57	-41.293	80.474	10	Mid-Indian Ridge, Indian Ocean.
6.4	1-Jun-08	1:57:23	20.115	121.317	22	Batan Islands Region, Philippines.
6.4	1-Jun-08	14:31:03	-59.510	149.170	10	W of Macquarie Island.
6.3	3-Jun-08	16:20:45	-10.290	161.980	60	Solomon Islands Region.
6.2	3-Jun-08	17:31:33	-8.000	120.480	10	Flores Island Region, Sunda Arc.
6.3	3-Jun-08	21:03:54	-8.500	120.500	30	Flores Island Region, Sunda Arc.
6.4	3-Jun-08	22:04:37	-8.500	120.500	60	Flores Island region, Sunda Arc.
6.0	5-Jun-08	2:16:49	-38.784	-91.377	10	West Chile Rise.
6.0	6-Jun-08	13:42:47	-7.490	127.530	100	Banda Sea.
6.1	8-Jun-08	12:25:29	38.029	21.464	10	Greece.

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6.0	10-Jun-08	4:13:49	-18.480	167.370	100	Vanuatu Island Region.
6.8	13-Jun-08	23:43:46	39.100	140.668	10	Eastern Honsu, Japan.
6.0	23-Jun-08	12:32:15	45.840	151.570	10	Kuril Islands, Japan-Kuriles-Kamchatka.
6.2	26-Jun-08	21:19:20	-20.490	-172.910	60	Tonga Islands, Tonga-Samoa Area.
6.8	27-Jun-08	11:40:09	11.680	91.690	10	Andaman Islands Region.
6.3	28-Jun-08	12:55:21	11.680	91.690	10	Andaman Islands Region.
6.0	29-Jun-08	20:53:03	45.147	137.505	314	Primor'ye, Russia.
6.7	30-Jun-08	6:17:44	-58.160	-21.894	10	East of the South Sandwich Islands.
7.5	5-Jul-08	2:12:03	53.890	153.030	605	Sea of Okhotsk.
6.2	8-Jul-08	7:42:12	27.520	128.400	49	Ryukyu Islands, Japan.
6.0	8-Jul-08	9:13:02	-15.960	-71.680	74	Southern Peru.
6.3	13-Jul-08	14:58:33	20.470	120.310	10	Philippine Islands Region.
6.4	15-Jul-08	3:26:37	35.980	27.790	68	Dodecanese Islands, Greece.
7.0	19-Jul-08	2:39:25	37.630	141.640	10	Near East Coast of Honshu, Japan.
6.8	19-Jul-08	9:27:05	-10.900	164.470	30	Santa Cruz Islands.
6.2	19-Jul-08	11:01:33	-11.380	163.950	10	Santa Cruz Islands.
6.3	19-Jul-08	22:39:59	-17.470	-177.460	450	Fiji Islands Region.
6.1	21-Jul-08	11:30:32	37.235	142.061	33	Near the east coast of Honshu, Japan.
6.8	23-Jul-08	15:25:57	39.795	141.427	111	Eastern Honshu, Japan.
6.4	24-Jul-08	1:43:17	51.000	157.600	35	Kuril Islands.
6.2	4-Aug-08	20:45:17	-5.980	130.030	200	Banda Sea.
6.2	5-Aug-08	9:49:18	32.750	105.520	10	Sichuan-Gansu Province, China.
6.1	6-Aug-08	22:41:06	-8.480	117.450	30	Sumbawa Island Region, Sunda Arc.
6.5	9-Aug-08	6:01:40	-61.600	154.430	10	Balleny Islands Region, Macquarie Loop.
6.0	9-Aug-08	16:36:31	-61.600	154.430	10	Balleny Islands Region, Macquarie Loop.
6.2	10-Aug-08	8:21:43	10.800	92.000	18	Andaman Islands Region.
6.2	12-Aug-08	5:26:00	-11.460	166.470	30	Santa Cruz Islands, New Hebrides Islands.
6.0	22-Aug-08	7:47:54	-18.710	67.580	10	Mid-Indian Rise, Indian Ocean.
6.6	25-Aug-08	13:22:02	31.000	83.700	33	Tibet-Nepal Border Region.
6.3	26-Aug-08	21:00:37	-7.540	-74.470	152	NE of Lima, Peru.
6.3	27-Aug-08	1:35:31	51.720	104.250	10	Near Lake Baikal, Russia.
6.2	28-Aug-08	15:22:26	0.185	-17.366	10	North of Ascension Island.
6.3	30-Aug-08	6:54:03	-6.240	147.620	30	East Papua New Guinea Region.
6.2	1-Sep-08	4:00:33	-25.320	-176.150	200	South of Fiji Islands.
6.3	8-Sep-08	3:03:12	-20.000	169.470	42	Vanuatu Islands.
6.9	8-Sep-08	18:52:07	-13.470	166.940	115	Vanuatu Islands region.
6.1	9-Sep-08	12:22:55	-9.540	158.010	30	Solomon Islands Region.
6.1	10-Sep-08	11:00:41	27.010	55.781	55	Southern Iran.
6.4	10-Sep-08	13:08:15	8.000	-38.690	10	Central Mid-Atlantic Ridge.
6.7	10-Sep-08	23:59:55	2.000	127.500	100	Molucca Passage, Borneo - Celebes.
6.6	11-Sep-08	0:00:05	1.500	127.500	100	Kepulauan Talaud Indonesia.

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6.9	11-Sep-08	0:20:52	41.200	142.640	10	Hokkaido, Japan Region.
6.0	12-Sep-08	23:07:51	56.355	164.066	15	Komandorskiye Ostrova, Russia Region.
6.1	16-Sep-08	11:15:47	-8.990	126.530	100	Timor, Sunda Arc.
7.1	29-Sep-08	15:19:28	-29.980	-177.350	10	Kermadec Islands, Tonga - Samoa region.
6.1	2-Oct-08	23:28:16	-23.000	170.000	60	Loyalty Islands, New Hebrides Islands.
6.3	5-Oct-08	9:12:58	-30.310	-176.080	30	Kermadec Islands Region.
6.6	5-Oct-08	15:52:49	39.516	73.767	27	Kyrgyzstan.
6.4	6-Oct-08	8:30:46	29.759	90.302	10	Eastern Xizang.
6.0	9-Oct-08	17:50:14	-21.220	-174.980	100	Tonga Islands Area.
6.1	11-Oct-08	10:40:16	19.150	-64.810	29	Virgin Islands Region.
6.7	16-Oct-08	19:41:31	14.500	-92.500	68	Near the coast of Oaxaca, Mexico.
6.9	19-Oct-08	5:10:32	-21.590	-173.860	10	Tonga.
6.0	20-Oct-08	4:54:20	0.000	120.500	100	Sulawesi, Indonesia.
6.5	22-Oct-08	12:55:54	-18.260	-175.290	200	Tonga Islands, Kermadec-Tonga-Samoa Region.
6.2	23-Oct-08	10:04:33	-2.370	146.030	6	Admiralty Islands region.
6.4	28-Oct-08	23:09:58	30.750	67.340	10	Pakistan.
6.2	29-Oct-08	11:32:49	30.541	67.457	10	Pakistan.
6.0	3-Nov-08	19:22:05	1.520	97.500	60	Northern Sumatra.
6.0	6-Nov-08	9:11:01	-29.820	-176.140	30	Kermadec Islands Region.
6.7	7-Nov-08	7:19:43	-14.990	167.940	60	Vanuatu Islands.
6.4	7-Nov-08	16:04:29	-6.980	129.540	100	Banda Sea, Sunda Arc.
6.0	8-Nov-08	7:49:56	-15.150	-174.030	100	Kermadec-Tonga-Samoa Area.
6.5	10-Nov-08	1:22:01	37.600	95.800	10	Northern Qinghai.
7.4	16-Nov-08	17:02:30	1.210	122.110	8	Minahassa Peninsula, Borneo - Celebes.
6.1	19-Nov-08	6:11:23	8.295	-82.928	48	Panama-Costa Rica Border Region.
6.1	21-Nov-08	7:05:30	-8.760	159.900	90	75km North of Honiara, Solomon Islands.
6.5	22-Nov-08	16:00:58	-4.420	101.070	0	Souther Sumatra, Sunda Arc.
6.6	22-Nov-08	16:01:38	-22.460	171.400	45	Loyalty Islands Region.
6.2	22-Nov-08	18:49:45	-1.140	-13.900	10	North of Ascension Island, Atlantic Ocean.
6.8	24-Nov-08	9:02:58	54.200	154.500	488	Sea of Okhotsk.
6.2	28-Nov-08	13:42:25	40.400	-126.500	33	Off the Coast of Northern California.
6.1	29-Nov-08	5:59:15	-18.780	-177.300	410	Fiji Islands Area.
6.5	2-Dec-08	18:39:08	-52.910	106.770	0	Southeast Indian Ridge.
6.2	3-Dec-08	23:16:59	38.566	142.762	35	Near the East Coast of Honshu, Japan.
6.4	6-Dec-08	10:55:26	-7.430	124.730	393	Banda Sea, Sunda Arc.
6.5	8-Dec-08	18:39:09	-52.910	106.770	0	Southeast Indian Rise, Indian Ocean.
6.6	9-Dec-08	6:24:02	-31.180	-176.590	28	Kermadec Islands region.
6.1	10-Dec-08	13:15:36	-12.310	166.550	71	Santa Cruz Islands, New Hebrides Islands.
6.0	11-Dec-08	21:40:58	-0.080	123.550	160	Minahassa Peninsula, Borneo-Celebes.

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6.2	13-Dec-08	8:45:39	-48.790	123.360	18	Antarctic Ridge, South of Australia.
6.0	18-Dec-08	21:19:27	-32.500	-71.800	23	Offshore Central Chile.
6.5	20-Dec-08	10:29:22	36.603	142.356	10	Off the East Coast of Honshu, Japan.
6.2	23-Dec-08	11:15:22	-6.410	155.030	66	Solomon Islands.
6.3	24-Dec-08	9:11:35	-16.940	-172.280	0	Samoa Islands Region.
6.3	25-Dec-08	3:20:29	5.680	125.640	206	Mindanao, Philippine Islands.
6.2	25-Dec-08	22:40:25	23.340	64.750	15	Near Coast of Pakistan.
6.1	29-Dec-08	3:37:40	36.600	71.100	134	Afghanistan-Tajikistan Border Region.
6.1	30-Dec-08	19:49:57	-4.210	101.320	43	Southern Sumatra, Sunda Arc.