

**WORLD EARTHQUAKES OF MAGNITUDE 6.0 AND
GREATER
August 1998 to October 1998.**

head of
livestock killed in
Jiashi county.

Data from the U.S. National Earthquake Information Service.

Date	Lat.	Long.	Depth (km)	Mag.					
Aug 04	0.55S	80.41W	19	7.1	Near coast of Ecuador. Three people killed and forty injured in the Bahia de Caraquez-Canoa area. Approximately sixty percent of the buildings at Canoa severely damaged. Most buildings with three or more stories sustained some damage in Bahia de Caraquez. Considerable damage in many other parts of western Manabi Province. Landslides blocked a road between Canoa and Bahia de Caraquez. Felt strongly at Guayaquil and Quito. Also felt in the Cali, Colombia area.	Aug 28	0.19S 125.14E 66	6.1	Southern Molucca Sea.
Aug 05	54.7S	135.5W	10	6.2	Pacific-Antarctic Ridge.	Aug 29	55.7S 27.08W 33	6.0	South Sandwich Islands region.
Aug 10	7.3N	94.31E	33	6.0	Nicobar Islands, India.	Aug 30	17.0N 148.11E 33	6.2	Mariana Islands region.
Aug 20	28.9N	139.35E	422	7.0	Bonin Islands region. Felt (III JMA) on Chichijima and at Tateyama; felt (II JMA) in the Tokyo-Yokohama area.	Aug 30	51.1N 130.36W 10	6.1	Queen Charlotte Islands region.
Aug 20	51.6N	175.27E	33	6.2	Rat Islands, Aleutian Islands.	Sep 02	5.45N 126.75E 33	6.8	Mindanao, Philippine Islands. Minor damage in the General Santos area. Felt strongly in many parts of southern Mindanao.
Aug 23	14.7N	120.13E	75	6.0	Luzon, Phillipine Is. Felt (V RF) in the Manila area.	Sep 03	29.3S 71.62W 33	6.5	Near coast of central Chile. Two people injured at La Serena. Felt (VI) at Andacollo, Coquimbo, Hurtado, La Higuera, La Serena, Monte Patria,,Paihuano, Punitaqui, Tulahuen and Vicuna; (V) at Alto de Carmen, Combarbala and Ovalle; (IV) at Copiapo, El Palqui, Freirina, Huasco, Illapel, Los Molles, Salamanca, Quillota, Quintero and Valparaiso; (II) at Santiago. Also felt (III) at San Juan and (II) at Mendoza, Argentina.
Aug 23	11.6N	87.97W	33	6.7	Near coast of Nicaragua. Felt at Managua and along the Pacific coast of Nicaragua.	Sep 07	36.29S 97.76W 10	6.1	West Chile Rise.
Aug 27	39.6S	77.35E	33	6.3	Southern Xinjiang, China. Three people killed, 18,771 houses destroyed and 159	Sep 14	51.7N 173.15W 33	6.2	Andreanof Islands, Aleutian Is. Felt on Adak.
						Sep 15	5.48S 151.63E 33	6.3	New Britain region, P.N.G.
						Sep 21	0.27N 122.49E 149	6.0	Minahassa Peninsula, Sulawesi.
						Sep 21	13.5S 166.76E 33	6.4	Vanuatu Islands.
						Sep 22	11.8N 143.06E 10	6.1	South of Mariana Islands.

Sep 28	8.18S	112.47E	153	6.5	Jawa, Indonesia. One person killed, 200 homeless, 38 buildings collapsed and 62 damaged in the Malang area. Felt in central and eastern Jawa. Also felt on Bali, Lombok and Sumbawa.
Oct 01	13.7N	45.54W	10	6.1	Northern Mid-Atlantic Ridge.
Oct 03	28.5N	127.55E	226	6.1	Northwest of Ryukyu Islands.
Oct 08	15.9S	71.47W	136	6.2	Southern Peru. Light damage at Arequipa. Felt strongly in the Atico Mollendo-Ilo area. Landslides along the Pan-American Highway.
Oct 09	11.3N	86.43W	10	6.0	Near coast of Nicaragua. Felt at Managua and in Carazo, Granada, Masaya, and Rivas Departments. Also felt in Guanacaste Province, Costa Rica.
Oct 10	0.37S	119.78E	33	6.1	Minahassa Peninsula, Sulawesi.
Oct 10	0.41S	119.74E	33	6.0	Minahassa Peninsula, Sulawesi.
Oct 11	56.7S	142.32W	10	6.3	Pacific-Antarctic Ridge.
Oct 14	5.87S	151.02E	33	6.0	New Britain region, P.N.G.
Oct 19	17.3S	167.72E	33	6.0	Vanuatu Islands.
Oct 28	0.80N	125.93E	33	6.6	Northern Molucca sea. Felt at Manado and Ternate, Indonesia.

SIGNIFICANT NEW ZEALAND EARTHQUAKES August 1998 to October 1998.

The locations of these earthquakes are preliminary as final analyses have not been completed.

Date	Lat.	Long.	Depth (km)	Mag.	
Aug 28	41.8S	173.47E	49	4.3	56 km south-west of Blenheim Felt in Wellington City.
Aug 29	39.5S	173.57E	12	4.7	25 km south-west of Cape Egmont Felt in New Plymouth.
Sep 02	37.3S	177.57E	135	5.4	41 km north-east of White Island Felt in Opotiki and Gisborne.
Sep 03	38.8S	175.96E	5	4.4	18 km south-west of Taupo Felt in Taupo
Oct 03	40.1S	175.65E	40	4.6	32 km north of Palmerston North
Oct 06	41.6S	172.35E	12	4.2	23 km north of Murchison Felt in Westport.
Oct 20	43.5S	169.08E	12	6.1	44 km north of Haast Felt widely in the lower South Island with some damage reported.
Oct 21	38.1S	175.93E	245	5.2	19 km NNE of Tokoroa Felt in Napier.