

**WORLD EARTHQUAKES OF MAGNITUDE 6.0 AND  
GREATER.**

**January to March 2001.**

Data from the U.S. National Information Service.

| Date   | Lat.    | Long.    | Depth<br>(km) | Mag. |   |
|--------|---------|----------|---------------|------|---|
| JAN 01 | 6.790N  | 126.613E | 33            | 7.4  | <b>Mindanao, Philippines.</b><br>Minor damage in the Davao area. Felt on much of northern Mindanao.   |
| JAN 02 | 6.747N  | 126.781E | 33            | 6.3  | <b>Mindanao, Philippines.</b><br>Felt in the areas of Cagayan de Oro, Cotabato and Davao.   |
| JAN 07 | 33.409S | 72.084W  | 33            | 5.9  | <b>Off Coast Of Central Chile.</b><br>Felt (IV) at Hualane, Quillota, San Antonio, Valparaiso, Vichuquen and Vina del Mar; (III) at Curico, Rancagua and Santiago.  |
| JAN 09 | 14.898S | 167.154E | 111           | 7.0  | <b>Vanuatu Islands.</b><br>Felt on the northern Vanuatu Islands.  |
| JAN 10 | 57.019N | 153.398W | 33            | 7.1  | <b>Kodiak Island Region, Alaska.</b><br>Felt (VI) at Kodiak, (III) at Anchorage and Seward. Also felt at Kenai, King Salmon and Perryville.   |
| JAN 11 | 49.199N | 128.873W | 10            | 6.0  | <b>Vancouver Island, Canada Region.</b>   |
| JAN 13 | 13.063N | 88.787W  | 39            | 7.7  | <b>El Salvador.</b><br>At least 683 people killed, some missing, 3,440 injured, 38,628 houses destroyed, 84,682 houses damaged and some churches, schools and other buildings destroyed or damaged in El Salvador. A large number of the casualties and damage were caused by large landslides in the Santa Tecla area. At least 6 people killed in south-  |
| JAN 15 | 40.369S | 78.365E  | 10            | 6.4  | <b>Mid-Indian Ridge.</b>  |
| JAN 16 | 3.942S  | 101.810E | 33            | 6.8  | <b>Southern Sumatera, Indonesia.</b><br>Felt in the Bengkulu area.  |
| JAN 19 | 11.642S | 166.309E | 50            | 6.3  | <b>Santa Cruz Islands.</b>  |
| JAN 26 | 23.326N | 70.317E  | 23            | 7.7  | <b>Southern India.</b><br>At least 14,240 people confirmed killed, more than 61,638 injured, 600,000 homeless and extensive damage in Gujarat. Most recent estimates of the death toll in India range between 25,000 and 100,000 people. At least 18 people killed and some injured in southern Pakistan. Felt throughout northern India and much of Pakistan. Also felt in western Nepal and Bangladesh. |
| JAN 29 | 0.679S  | 133.197E | 33            | 6.2  | <b>Irian Jaya Region, Indonesia.</b>  |
| FEB 01 | 51.401N | 177.857W | 33            | 6.0  | <b>Andreanof Islands, Aleutian Is.</b><br>Felt strongly at Adak and Atka.   |
| FEB 13 | 13.613N | 89.069W  | 13            | 6.6  | <b>El Salvador.</b><br>At least 283 people killed, 2,937 people injured and extensive damage. The most severe damage occurred in the San Juan Tepezoutes-San Vicente-Cojutepeque area. Landslides occurred in various areas of the country. Felt throughout El Salvador and in  |
|        |         |          |               |      | eastern Guatemala. Felt strongly in Chiapas, Mexico. Felt at Mexico City, most of Honduras and Nicaragua, in parts of Belize, Costa Rica and Panama and tall buildings in some cities of Colombia.  |

- Guatemala and Honduras.
- FEB 13 4.618S 102.937E 36 7.4 **Southern Sumatera, Indonesia.**  
Felt (III) at Bengkulu and (II) at Jakarta. Felt throughout much of southern Sumatera.
- FEB 14 19.275S 177.148E 33 6.1 **South Of Fiji Islands.**
- FEB 14 19.679S 177.371E 10 6.2 **124 South Of Fiji Islands.**  
Felt on Vatoa Island.
- FEB 16 7.108S 117.578E 519 6.1 **Bali Sea.**
- FEB 17 54.074N 133.704W 10 6.2 **Queen Charlotte Islands Region.**  
Felt (V) at Annette, Craig, and Hydrburg, (IV) at Ketchikan and Wrangell; also felt at Metlakatla and Petersburg, Alaska. Felt at Prince Rupert and on Graham Island, British Columbia, Canada.
- FEB 18 47.439S 32.472E 10 6.0 **Prince Edward Islands Region.**
- FEB 21 4.838S 102.612E 33 6.0 **Southern Sumatera, Indonesia.**  
Felt in southern Sumatera.
- FEB 24 1.463N 126.268E 35 7.1 **Northern Molucca Sea.**  
Felt (V) on Ternate and (IV) on Manado, Sulawesi, Indonesia.
- FEB 24 1.549N 126.335E 33 6.2 **Northern Molucca Sea.**  
Felt (IV) on Ternate and (IV) at Manado, Sulawesi, Indonesia.
- FEB 25 36.477N 70.904E 202 6.1 **Hindu Kush Region, Afghanistan.**  
Felt strongly in the areas of Chitral, Faisalabad, Islamabad, Lahore, Peshawar, Rawalpindi, other areas of northern Pakistan and as far south as Quetta. Also felt in Kashmir. Felt in the Kabul area,
- Afghanistan; Dushanbe, Tajikistan; and in the Toshkent, Uzbekistan area. Also felt in the New Delhi, India area.
- FEB 26 46.831N 144.517E 390 6.1 **Sea Of Okhotsk.**  
Recorded (2 JMA) in southern Hokkaido. Also recorded (2 JMA) in Aomori and (1 JMA) in Iwate and Miyagi Prefectures, Honshu.
- FEB 28 22.008S 170.204E 33 6.7 **Southeast Of Loyalty Islands.**
- FEB 28 21.996S 170.139E 33 6.2 **Southeast Of Loyalty Islands.**
- FEB 28 13.172N 88.937W 65 6.1 **El Salvador.**  
Felt strongly in El Salvador. Also felt in Guatemala.
- FEB 28 47.149N 122.72W 52 6.8 **Washington.**  
One person died of a heart attack, at least 407 people injured and major damage in the Olympia-Seattle-Tacoma area. Landslides also reported in the epicentral area. Felt from central Oregon to southern British Columbia and as far east as northwestern Montana.
- MAR 06 54.601S 157.26E 10 6.1 **Macquarie Island Region.**
- MAR 07 7.189S 12.94W 10 6.0 **Ascension Island Region.**
- MAR 14 0.434N 121.927E 108 5.9 **Minahassa Peninsula, Sulawesi.**
- MAR 15 8.679N 94.009E 24 6.0 **Nicobar Islands, India Region.**
- MAR 15 32.237S 71.318W 47 6.0 **Near Coast Of Central Chile.**  
Felt (V) at Illapel, La Ligua, Ovalle, Quillota, San Antonio and Valparaiso; (IV) Rancagua and San Fernando; (III) at

|   |         |          |            |   |   |  |  |  |  |
|---|---------|----------|------------|---|---|--|--|--|--|
|   |         |          |            | Constitucion, Curico, Santiago and Talca; (II) at Coquimbo and La Serena. |   |  |  |  | Felt Patoka and Hastings.  |
| MAR 19                                      | 3.914S  | 127.965E | 40         | 6.5   | Seram, Indonesia.   |  |  |  | 10 km north-east of Eketahuna. Felt Wanganui, Marton, Foxton and Mauriceville.   |
| MAR 23                                      | 44.126N | 148.04E  | 33         | 6.0   | Kuril Islands. Recorded (2 JMA) in the Bekkai and Shimizu-Shizunai-Urakawa areas, Hokkaido. Also recorded (1 JMA) in Aomori Prefecture, Honshu.   |  |  |  | within 5 km of Rotorua. This event was the largest of a swarm of earthquakes felt in Rotorua over a period of about 3 hours. |
| MAR 24                                      | 34.066N | 132.53E  | 33         | 6.8   | Western Honshu, Japan. Two people killed, 161 injured, and about 3,700 buildings damaged or destroyed in the Hiroshima area. Main water lines broken and railroad tracks damaged in the epicentral area. Felt throughout much of southwestern Honshu, from Kyoto to Kyushu. Recorded (5U JMA) in Hiroshima and Okayama Prefectures, Honshu and Kagawa Prefecture, Shikoku; (5L JMA) in other parts of Okayama Prefectures, Honshu and Ehime and Kochi Prefectures, Shikoku. Also recorded (5U JMA) on Shodo-shima and (4 JMA) in much of Shikoku, western Honshu and northwestern Kyushu. Also felt in South Korea. |  |  |  | 100 km north-east of Opotiki. Felt north-eastern North Island.   |
|   |         |          |            |   |   |  |  |  | 10 km east of Atiamuri. This event was the largest of a sequence of more than 10 events felt in Taupo.                       |
|   |         |          |            |   |   |  |  |  | 20 km west of Westport. Felt in Westport.  |
|   |         |          |            |   |   |  |  |  | 10 km south-east of Hastings. Felt in Hastings and Havelock North.   |
|   |         |          |            |   |   |  |  |  | 60 km east of Gisborne.  |
|   |         |          |            |   |   |  |  |  | 10 km west of Marton. Felt in Wanganui and Marton.   |
|   |         |          |            |   |   |  |  |  | 10 km south-west of Waipukurau.  |
|   |         |          |            |   |   |  |  |  | 20 km south-east of Hanmer Springs. Felt from Westport to Christchurch.  |
|   |         |          |            |   |   |  |  |  | 30 km south-west of Ohura.   |
|   |         |          |            |   |   |  |  |  | 20 km east of Seddon.  |
| <b>SIGNIFICANT NEW ZEALAND EARTHQUAKES.</b> |         |          |            |   |   |  |  |  |  |
| <b>January - March 2001</b>                 |         |          |            |   |   |  |  |  |  |
| Date  | Lat.    | Long.    | Depth (km) | Mag.  |   |  |  |  |  |
| JAN 02                                      | 39.05S  | 176.83E  | 49         | 4.5   | 50 km north of Napier.  |  |  |  |  |