

**Table 5.11-- EARTHQUAKES OF MAGNITUDE 5 OR GREATER: 1973 TO 1999**

(Complete through April 18, 1999)

| <b>Date and time</b>    | <b>Location</b>          | <b>Magnitude (Richter scale)</b> |
|-------------------------|--------------------------|----------------------------------|
| 1973: Apr. 26           | Honomu, Hawaii           | 6.2                              |
| Oct. 9                  | Hawaii                   | 4.8-5                            |
| 1974: Nov. 30           | Hawaii                   | 5.5-6                            |
| 1975: Jan. 2, 3:27 AM   | Near Pahala, Hawaii      | 5.0                              |
| Nov. 29, 3:35 AM        | Puna, Hawaii             | 5.7                              |
| Nov. 29, 4:47 AM        | Puna, Hawaii             | 7.2                              |
| 1976: Feb. 20, 7:51 AM  | Between Maui and Hawaii  | 5.1                              |
| 1977: Jan. 22, 12:36 PM | 100 miles S. of Kauai    | 5.1                              |
| Apr. 20, 6:49 PM        | Hamakua, Hawaii          | 5.0                              |
| Jun. 5, 11:42 PM        | Puna, Hawaii             | 5.1                              |
| 1979: Mar. 29, 11:06 PM | 40 miles S.W. of Oahu    | 5.5                              |
| Sept. 21, 9:59 PM       | Puna, Hawaii             | 5.5                              |
| 1981: Mar. 5, 4:09 AM   | Molokai area             | 5.3                              |
| Nov. 10, 3:02 AM        | Kilauea, Hawaii          | 5.3                              |
| 1982: Jan. 21, 11:52 AM | Mauna Loa, Hawaii        | 5.5                              |
| Jan. 21, 12:29 PM       | Mauna Loa, Hawaii        | 5.5                              |
| May 14, 6:26 AM         | Off Kawaihae, Hawaii     | 5.0                              |
| 1983: Mar. 20, 5:18 PM  | Off Kalapana, Hawaii     | 5.0                              |
| Sept. 9, 6:30 AM        | Off Kalapana, Hawaii     | 5.4                              |
| Nov. 16, 6:13 AM        | S.E. flank of Mauna Loa  | 6.7                              |
| 1984: Jun. 8, 5:34 PM   | 80 miles S. of Honolulu  | 5.3                              |
| 1986: Apr. 26, 7:19 AM  | 28 miles N.E. of Maui    | 5.1                              |
| 1987: Feb. 3, 4:22 PM   | 26 miles S. of Kahoolawe | 5.0                              |
| 1988: Mar. 24, 2:30 PM  | 30 miles S. of Kahoolawe | 5.0                              |
| Mar. 27, 5:33 PM        | 30 miles S. of Kahoolawe | 5.5                              |
| June 7, 12:49 PM        | S. Flank of Kilauea      | 5.0                              |
| July 3, 7:38 PM         | Near Pahala              | 5.3                              |
| 1989: June 25, 5:27 PM  | S. Flank of Kilauea      | 6.1                              |
| Dec. 27, 11:13 PM       | S. Flank of Kilauea      | 5.1                              |
| 1990: Aug. 8, 4:06 PM   | Kilauea East Rift Zone   | 5.0                              |
| 1991: May 8, 8:21 AM    | Off Kealakekua           | 5.5                              |
| Dec. 9, 1:14 PM         | Off South Point          | 5.2                              |
| 1993: Jan. 3, 5:24 AM   | Pahala                   | 5.0                              |
| 1994: Feb. 1, 1:00 AM   | S. Flank of Kilauea      | 5.2                              |
| 1997: June 30, 5:47 AM  | S. Flank of Kilauea      | 5.2                              |
| 1999: April 16, 2:56 PM | Near Pahala              | 5.6                              |

Source: Hawaii State Department of Business, Economic Development and Tourism, State of Hawaii Data Book, 1990 (November 1990), table 141; and U.S. Geological Survey's Hawaiian Volcano Observatory, records.

