

**Table 5.20-- EARTHQUAKES OF MAGNITUDE 6.2 OR GREATER: 1823 TO 2019**

[As of December 31, 2019. Includes all earthquakes with magnitudes of 6.2 or greater]

Date and time (HST)		Location	Magnitude
1823: June 1	10:00 PM	Kaimu, Hawaii	7.0
1825: January 6	11:30 PM	Kona, Hawaii	6.2
1832: January 10	6:00 PM	Kilauea, south flank, Hawaii	6.2
1841: April 7	11:45 PM	Kilauea, south flank, Hawaii	6.5
1849: July 15	4:05 AM	Hilea, Hawaii	6.2
1852: March 31	4:15 PM	Kaoiki, Hawaii	6.2
1865: March 3	12:45 AM	West Hawaii, deep	6.5
1868: March 28	1:28 PM	Hilea, Hawaii	7.0
April 2	4:00 PM	Hilea, Hawaii	7.9
April 3	1:45 AM	Hilea, Hawaii	6.2
April 4	12:30 AM	West Hawaii, deep	6.5
May 24	12:00 AM	Kilauea, south flank, Hawaii	6.2
1870: March 21	8:30 PM	South Hawaii	6.2
August 7	4:13 AM	Molokai	6.4
1871: February 19	10:15 PM	Lanai	6.8
1877: May 31	4:20 AM	Kilauea, caldera deep, Hawaii	6.3
1880: September 23	3:15 PM	Kaoiki, Hawaii	6.6
1881: September 30	4:53 AM	Mauna Kea, deep, Hawaii	6.4
1887: January 23	11:30 PM	Hilea, Hawaii	6.5
1890: August 6	11:10 PM	Kilauea, south flank, Hawaii	6.5
1894: December 3	3:30 AM	Molokai, deep	6.4
1895: January 22	10:00 PM	Molokai	6.5
December 8	11:04 PM	Kona offshore, Hawaii	6.8
1896: September 13	4:59 AM	East Maui	6.6
1905: May 3	4:07 PM	Kilauea, south flank, Hawaii	6.2
1908: September 20	8:15 PM	Kilauea, south flank, Hawaii	6.7
1915: March 28	8:26 AM	Kaoiki, Hawaii	6.4
1918: November 1	11:33 PM	Kaoiki, Hawaii	6.4
1927: March 20	4:52 AM	Mauna Kea, offshore deep, Hawaii	6.8
1929: September 25	6:20 PM	Hualalai, Hawaii	6.2
October 5	9:22 PM	Hualalai, Hawaii	6.5
1938: January 22	10:03 PM	Maui	6.8
1950: May 29	3:17 PM	Kona, Hawaii	6.3
1951: April 22	2:52 PM	Kilauea, caldera deep, Hawaii	6.2
August 21	12:57 AM	Kona, Hawaii	6.9
1952: March 29	11:59 PM	Kilauea, south flank, Hawaii	6.2
1954: March 30	8:42 AM	Kalapana, Hawaii	6.5
1962: June 27	6:27 PM	Kaoiki, Hawaii	6.2
1973: April 26	10:26 AM	Honomu, Hawaii	6.2

Continued on next page.

**Table 5.20-- EARTHQUAKES OF MAGNITUDE 6.2 OR GREATER:  
1823 TO 2019 -- Con.**

Date and time (HST)		Location	Magnitude
1975: November 29	4:47 AM	Kalapana, Hawaii	7.7
1983: November 16	6:13 AM	Kaoiki, Hawaii	6.7
1989: June 25	5:27 PM	Kalapana, Hawaii	6.2
2006: October 15	7:07 AM	Kiholo Bay, Hawaii	6.7
2018: May 4	12:32 PM	Kalapana, Hawaii	6.9

Source: Klein, F.C. and T.L. Wright (2000), "Catalog of Hawaiian Earthquakes, 1823-1959", U.S. Geological Survey Professional Paper 1623, 98 pp; Klein, F.C., et al. (2001), *Seismic Hazard in Hawaii: High Rate of Large Earthquakes and Probabilistic Ground-Motion Maps*, Bulletin of the Seismological Society of America, Vol. 91, No. 3, pp. 479-498; Wyss, M. and R.Y. Koyanagi (1992), *Isoseismal maps, macroseismic epicenters, and estimated magnitudes of historical earthquakes in the Hawaiian Islands*, U.S. Geological Survey Bulletin 2006, 93 pp; U.S. Geological Survey, Hawaiian Volcano Observatory, Seismic Catalog; <<https://earthquake.usgs.gov/earthquakes/>>; and records.