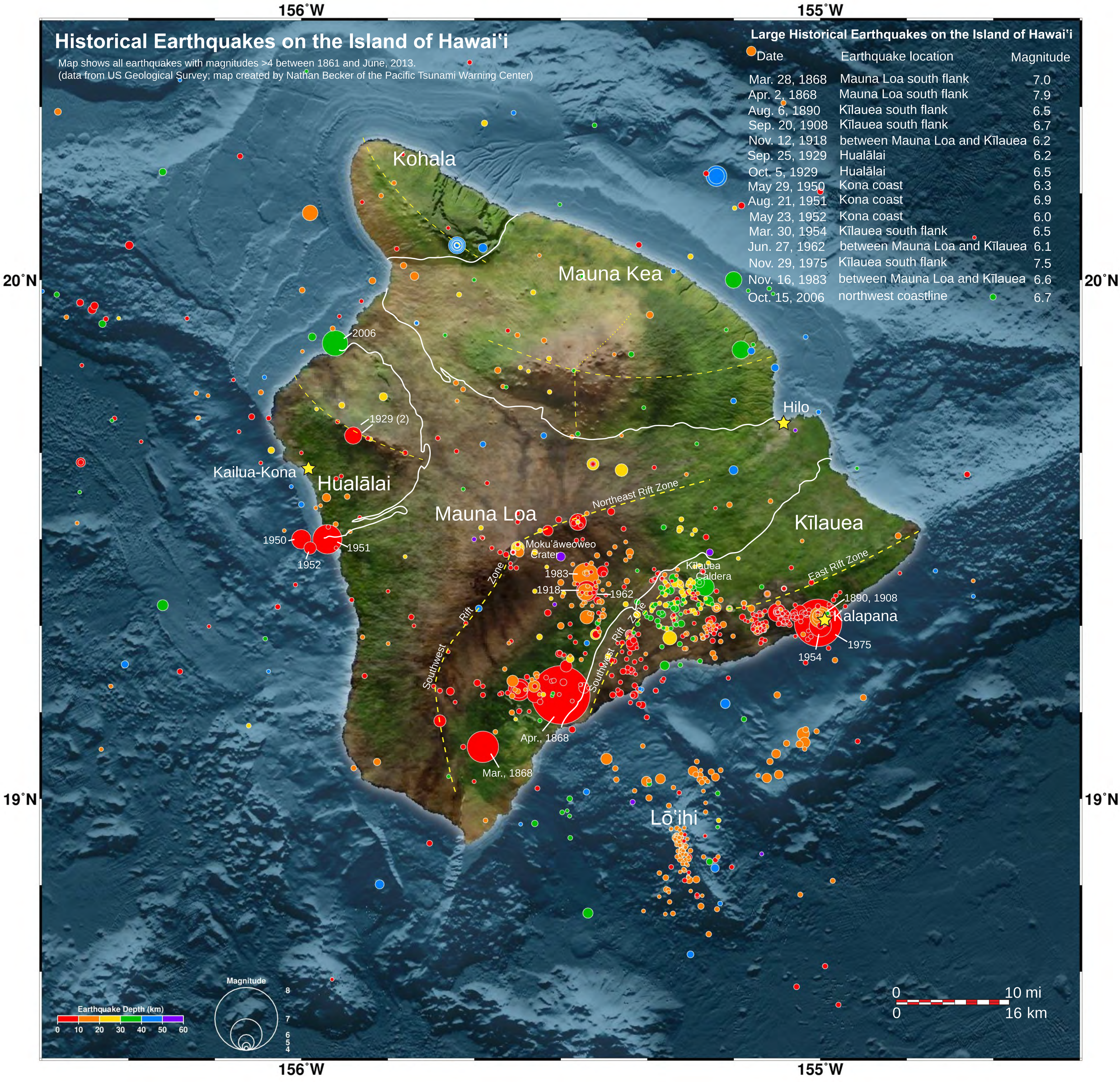
Historical Earthquakes on the Island of Hawai'i
Map shows all earthquakes with magnitudes >4 between 1861 and June, 2013.
(data from US Geological Survey; map created by Nathan Becker of the Pacific Tsunami Warning Center)
Large Historical Earthquakes on the Island of Hawai'i
Date
Earthquake location
Magnitude
Mar. 28, 1868 Mauna Loa south flank 7.0
Apr. 2, 1868 Mauna Loa south flank 7.9
Aug. 6, 1890 Kīlauea south flank 6.5
Sep. 20, 1908 Kīlauea south flank 6.7
Nov. 12, 1918 between Mauna Loa and Kīlauea 6.2
Sep. 25, 1929 Hualālai 6.2
Oct. 5, 1929 Hualālai 6.5
May 29, 1950 Kona coast 6.3
Aug. 21, 1951 Kona coast 6.9
May 23, 1952 Kona coast 6.0
Mar. 30, 1954 Kīlauea south flank 6.5
Jun. 27, 1962 between Mauna Loa and Kīlauea 6.1
Nov. 29, 1975 Kīlauea south flank 7.5
Nov. 16, 1983 between Mauna Loa and Kīlauea 6.6
Oct. 15, 2006 northwest coastline 6.7
156˚W
155˚W
20˚N
19˚N
Kohala
Mauna Kea
Hilo
Kailua-Kona
Hualālai
Mauna Loa
Kīlauea
Lō'ihi
Northeast Rift Zone
East Rift Zone
Southwest Rift Zone
Kīlauea Caldera
Moku'āweoweo Crater
Kalapana
2006
1929 (2)
1950
1951
1952
1983
1918
1962
1890, 1908
1954
1975
Apr., 1868
Mar., 1868
Earthquake Depth (km)
0 10 20 30 40 50 60
Magnitude
8
7
6
5
4
0 10 mi
0 16 km