



Seismo-Watch

Earthquakes for week of
July 6 - July 12, 1997

	1-2	2-3	3+	Total
Regional	6	4	0	10
Mammoth Lakes Region	535	63	1	598
This Week	541	67	1	608
Previous week	68	12	0	80

▼ **Mammoth Lakes Region:** A vigorous earthquake swarm began mid-Monday morning, July 7, about 2 miles east of Mammoth Lakes, near Casa Diablo Hot Springs. By week's end, at least 534 quakes had occurred in the swarm and another 62 events were detected in the surrounding region. A total of 64 tremors registered M2 or stronger, but only one measured in the M3 range, and it was centered a few miles south of the swarm's principal epicentral area near Casa Diablo Hot Springs. The focal depths of the swarm were generally between 5-8 km below the surface suggesting the activity happened within the crystalline cap of the magma chamber and the result of hot, high pressure gasses or fluids flow through fissures in the rock and less likely of magma diking.

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