amous facts about the ~~earthquake~~ '89

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Santa Cruz City

SANTA CRUZ — Piece by piece, day by day, the facts of the Quake of '89 have emerged.

How many roads and bridges went out, how many homes lost power, how many dogs and cats ran away, what was the best excuse used to get over Highway 17.

The following is a round-up of statistics, facts and estimates relating to the 7.1-magnitude earthquake of Oct. 17 and its subsequent aftershocks, and the damage all that rocking and rolling wrought in Santa Cruz County.

Many of the statistics are still being gathered by city and county governments, scientists, and public and private agencies. The information here reflects the best that planners, politicians, police, scientists, publicists, business people and victims could provide as of this week.

Magnitude of main earthquake: 7.1

Length of time shaking was felt: 15 to 40 seconds

Length of time main shock reverberated in the Santa Cruz Mountains: Up to 6 minutes

Number of aftershocks over 3.0 magnitude in first month: 90

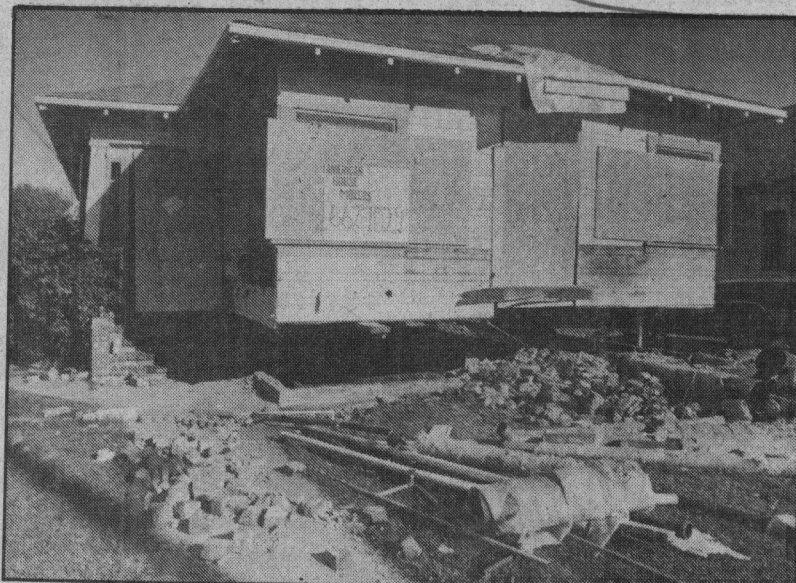**Of those, number which were 4.0 or larger:** 22

Largest aftershock: 5.2 magnitude, 37 minutes after main quake

Second largest aftershock: 5.0 magnitude, 3:14 a.m. Oct. 19

Chances of a 6.0 magnitude aftershock in the next two months: 3 percent

Chances of a 5.0 magnitude aftershock in the same period: 20 percent

U.S. Geological Survey's opinion on the chances of a quake as large or larger than the

Bill Lovejoy/Sentinel

Earthquake left in ruins many homes in Watsonville.

Oct. 17 shock: "Very small, but not zero"

Number of calls to 911 in the first 24 hours after the quake: 1,400

Normal daily 911 volume: 260 calls

Homes destroyed countywide: 592

Homes with major damage: 2,069

Homes with minor damage: 9,210

Mobile homes destroyed or with major damage: 668

Estimate of damage to homes: $161,687,405

Demolition permits issued by the City of Capitola: 1

County residents displaced from their homes: Approximately 3,000

Number of Red Cross shelters opened: 21