

22 March, 11:44:21*. Intensity VII. (cont.)

INTENSITY VI - San Francisco

San Francisco (Letterman Housing, Quarters 1135-F, Presidio).

Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Sloping.

San Francisco (2026-19th Ave.). Small objects and furnishings shifted. Dishes broke. Walls and ceilings cracked. Damage slight. Separated plumbing under kitchen sink (south side of house). "Sheet rock did not do as well as plastered walls. Did not roll a long time after major shake. Just a quick, hard shake. Some of the little shocks have been pretty sharp and quick, and can be heard before they are felt." Ground: Soil, loose, sloping.

San Francisco (1721 Judah St.). "When the big shock came, the only noise we heard was the joists, or the frame of the house, breaking up. It's a two-story house and I thought it would collapse before we got out. I didn't notice any particular direction, but the description I read in the paper of a 'dust map shaken out' is most apt, to us. A salt shaker and a bottle of after-shave lotion were the only things that fell, but our square grand piano moved 2 inches. Our house is built on sandy soil and is about 33 years old. The ceilings were cracked at one time but were painted over. The point is still intact."

San Francisco (1330-14th Ave., St. Anne's School). Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Level.

San Francisco (28 Masonic Ave., Presentation High School). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Small statues twisted. Damage slight. Ground: Level.

San Francisco (25th St., between Diamond and Douglass Sts., New Valley District). "My feet on the sidewalk sort of moved back and forth like a roller coaster movement. I saw a high antenna bend nearly in half. At the Bank of America, 24th and Castro Sts., people were nervous. They were taking the big pots of plants from the balcony ridge and putting them on the floor. Shoemaker said his machine rolled back and forth. On Hill Street (level) bookcase moved away from wall. Cans and packages fell in grocery store at 24th and Castro Sts., and my husband ran to the street. No great damage to the grocery store."

San Francisco (245 Leavenworth St., 6th floor). "My T.V. was at the foot of my bed on a table about 6 inches higher than bed. I fell to the floor and the T.V. hit the bed where I'd been. The place shook like a freight train going through. Two lamps fell and a bookcase fell forward. Everything in refrigerator was a mess. The subsequent tremors

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were enough to make me a little jumpy, so I put everything on the floor. Dishes broke. Plaster cracked. Damage slight."

San Francisco (780 Junipero Serra Blvd.). "Very noisy and very heavy. Glass shelves in bathroom fell out. Water in fish bowl (2/3 full) splashed on the floor. Pictures fell from walls. Lights activated by mercury switches flashed on and off. Plaster buckled under canvas wall covering. Stove and refrigerator shifted. Minor shocks were felt, accompanied by earth noises, at frequent intervals until seven o'clock. From about ten o'clock until midnight minor tremors were felt hourly. A heavy jolt about midnight activated mercury switches again. Minor tremors were felt occasionally until Sunday night, the 24th."

Ground: Soil, compact, sloping.

San Francisco (698 Bush St., Apt. 506). Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Steep.

San Francisco (30 Aptos Ave.). Small objects and furnishings shifted. Dishes, windows, and furniture broke. Plaster cracked. Damage slight. Ground: Compact, sloping.

San Francisco (Fox's Restaurant, near Bayshore Highway, at south-east county line, Leland Ave.). Small objects and furnishings shifted; tables moved. Dishes broke. Plaster cracked. Threw objects off shelves. Damage considerable to bottled goods. Ground: Soil, level.

San Francisco (577 Ulloa St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Soil, level.

San Francisco (2090 Fell St.). Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Sandy soil, sloping.

San Francisco (820 Rockdale Dr.). Small objects and furnishings shifted. Plaster cracked. Lamps fell; food fell out of cupboards. Damage slight. Ground: Sloping.

San Francisco (2183-40th Ave.). Small objects shifted. Plaster cracked beneath two windows. Damage slight. Ground: Topsoil over sand, level.

San Francisco (16th and Mission Sts., Lachman Bros.). Small objects and furnishings shifted. Windows and furniture broke. Damage slight. "Considerable fright among employees." Ground: Level.

San Francisco (Spreckels Bldg., 2 Pine St., Rm. 311). Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Level, filled in.

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- San Francisco (832 York St.). Upper flat; Plaster cracked in kitchen. Sliding doors in dining room slid to north. Room seemed to twist in the lower flat. Bird cage and light fixture swung to north. Next door, 826 York St., upper flat, cupboard doors opened in pantry. Small objects shifted. In lower flat, cupboard doors opened in pantry. Ground: Compact, level.
- San Francisco (221-24th Ave.). Small objects and furnishings shifted. Plaster cracked. Damage slight.
- San Francisco (1622-38th Ave.). Furnishings shifted. Dishes broke. Damage slight. Ground: Loose, level.
- San Francisco (271 Louisburg St.). Small objects and furnishings shifted. Plaster cracked. Ground: Sloping.
- San Francisco (1366 Plymouth Ave.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Soil, compact, sloping.
- San Francisco (1358 Plymouth Ave.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Soil, compact, sloping.
- San Francisco (Old Medical School Bldg., University of California, Parnassus St.). Few books shifted. Plaster cracked. Ground: Rocky soil, compact, level.
- San Francisco (1854-8th Ave.). Small objects shifted. Plaster cracked. Damage slight. Ground: Compact, steep.
- San Francisco (228 Mc Allister St., Woodbridge Bldg.). Plaster cracked. Damage slight. Ground: Level, filled in. "Felt six or seven shocks in all. Other shocks were felt on second floor at 228 Mc Allister St., or on fourth floor at 952 Sutter St. No damage."
- San Francisco (1751 Market St.). Small objects and furnishings shifted. Ceiling cracked. Ground: Compact.
- San Francisco (Mission and Third Sts.). Plaster cracked. Damage slight. Ground: Filled in.
- San Francisco (24th and Valencia Sts.). Dishes and windows broke. Iron light standard swayed. Damage slight. Ground: Level.
- San Francisco (671-23rd Ave.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Soil.
- San Francisco (Divisadero and Hayes Sts.). Small objects shifted. Plaster cracked. Damage slight. Ground: Sloping, filled in.
- San Francisco (570 Lisbon St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Rocky, steep.
- San Francisco (909 Hyde St.). Plaster cracked (5th and 6th floors only) where new building joins old building. Damage slight. Ground: Level.

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- San Francisco (2660 Chestnut St.). Dishes broke. Plaster cracked. Damage slight. Ground: Loose, sloping, filled in.
- San Francisco (431 Flood St.). Furnishings shifted. Kitchen ceiling plaster cracked. Ground: Soil, compact, level.
- San Francisco (225 Bush St., Standard Oil Bldg.). Small objects shifted. Plaster cracked. Ground: Compact, level.
- San Francisco (2534-31st Ave.). Small objects shifted. Plaster cracked. Damage slight. Ground: Soil, loose.
- San Francisco (16 Beale St., 3rd floor). Objects shifted. Plaster cracked. Damage slight. Ground: Level, filled in.
- San Francisco (350 Faxon Ave.). Small objects and furnishings shifted. Dishes broke. Plaster and walls cracked. Damage slight. Ground: Compact, sloping.
- San Francisco (100 Font Blvd., Apt. 12F). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Loose, level, partly filled in.
- San Francisco (47 Coloneal Way). Small objects shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Rocky soil, compact, level.
- San Francisco (311 California St., Robert Dollar Bldg.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Level.
- San Francisco (621-4th St.). Small objects and furnishings shifted. Damage slight to concrete. Ground: Marshy, fairly level.
- San Francisco (40 First St.). Light fixtures and files moved. Dishes broke. Walls cracked. Damage slight.
- San Francisco (1125 Bayshore Blvd.). Furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Rocky, level.
- San Francisco (372 Santa Clara Ave.). Small objects and furnishings shifted. Windows broke. Plaster cracked. Damage slight. Ground: Rocky.
- San Francisco (461 Market St., Sheldon Bldg.). Floor cracked at junction with beams. Ground: Filled in, but foundation of building may be on rock.
- San Francisco (1414-20th Ave.). Plaster cracked. Damage slight. Ground: Sloping.
- San Francisco (1979-33rd Ave.). Small objects and furnishings shifted. Some inside plaster cracked. Damage slight. Ground: Sandy, sloping.
- San Francisco (1011 Bryant St., Warehouse Office Bldg., 1st floor). Plaster cracked. Damage slight. Ground: Compact.
- San Francisco (224 Santa Paula Ave.). Small objects and pictures shifted. Plaster and windows cracked. Damage slight. Ground: Soil, compact, steep.

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- San Francisco (1731-22nd Ave.). Small objects shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Sandy, compact, level.
- San Francisco (1707-23rd Ave.). Small objects and furnishings shifted, including refrigerator and double bed. Plaster and walls cracked. Ground: Level.
- San Francisco (2350 Anza St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Loose, level.
- San Francisco (2090-43rd Ave.). Small objects and furnishings shifted. Dishes broke. Plaster broken and chipped in all seams. Damage slight. Ground: Sandy, compact, sloping.
- San Francisco (15 Vasquez Ave.). Small objects shifted. Plaster walls and ceiling cracked. Damage slight. Ground: Soil, compact, slightly sloping.
- San Francisco (1478 Page St.). Small objects shifted. Plaster cracked. Dirt fell down fireplace. Damage slight (about \$35). Ground: Compact, sloping.
- San Francisco (2390-15th Ave.). Furniture moved 2 inches from south and east walls. One horizontal crack, about 1 foot from floor, in lower hall. Damage slight. Ground: Soil, compact, sloping.
- San Francisco (839 Head St.). Small objects and furnishings shifted. Dishes, furniture, and mirrors broke. Plaster and walls cracked. Damage slight. Ground: Sloping, filled in.
- San Francisco (68 Middlefield Dr.). Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Level.
- San Francisco (3747 Divisadero St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Level, filled in.
- San Francisco (The Emporium, between 4th and 5th Sts.). Small objects and furnishings shifted. Plaster cracked. "I ran out." Ground: Level, filled in.
- San Francisco (1652 Dolores St.). Windows broke. Plaster cracked. Damage slight. Ground: Level.
- San Francisco (2921 Washington St.). Small objects shifted. Plaster cracked on ground floor only. Damage slight. Ground: Level.
- San Francisco (2187-25th Ave.). Plaster cracked. Damage slight. Ground: Rocky soil, sloping.
- San Francisco (2301-27th Ave.). Small objects shifted. Plaster cracked. Damage slight. Ground: Sandy, level.
- San Francisco (1962 Quesada). Small objects and furnishings shifted. Plaster cracked. Ground: Soil, compact, level.
- San Francisco (666-20th Ave.). Plaster cracked. Damage slight. Ground: Soil, sloping.
- San Francisco (501-43rd Ave.). Small objects and furnishings shifted. Three dishes broke. Plaster and walls cracked. Damage slight. Ground: Sandy, sloping.

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- San Francisco (50 Urbana Dr.). Small objects and furnishings shifted. Plaster cracked. Damage slight to plaster, dishes, lamp, etc. Ground: Soil, compact, level.
- San Francisco (771-29th Ave.). Small objects and furnishings shifted. Dishes broke. Plaster cracked on ceilings. Damage slight. Ground: Sloping.
- San Francisco (133 Noriega St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Sandy, level.
- San Francisco (2387 Funston Ave.). Furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Sandy, sloping.
- San Francisco (234 Granada, Ingleside District). Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Soil, compact, sloping (N-S).
- San Francisco (1235-22nd Ave.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Loose.
- San Francisco (446-5th Ave.). Small objects, pictures, mirrors, etc., shifted. Plaster cracked slightly. Damage slight. Ground: Compact, level.
- San Francisco (22nd St. at Potrero Ave.). Glass vials broke. Plaster cracked. Ground: Soil, compact.
- San Francisco (139 Lincoln Way). Plaster cracks in part of house. Ground: Level.
- San Francisco (200 Naylor St.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Sandy soil, level.
- San Francisco (Fulton St. at 5th Ave., Lucky Supermarket). Small objects shifted. Bottles fell from shelves and broke. Damage slight. Ground: Soil, level.
- San Francisco (740-A Shrader St.). Small objects shifted. Plaster cracked in two corners of living room. Damage slight. Ground: Level, compact.
- San Francisco (721 Market St., 2nd floor). Small objects shifted. Windows broke. Plaster cracked. Damage slight to concrete. Ground: Level, filled in (?).
- San Francisco (711 Rutland St., Visitacion Valley). Small objects shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Compact, level.
- San Francisco (195 Raymond St., Visitacion Valley). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Compact, level.
- San Francisco (3466 Jackson St.). Plaster cracked. Damage slight. Ground: Level.
- San Francisco (525-4th St.). Plaster cracked. Damage slight. Ground: Level, filled in.

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- San Francisco (195-7th St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Level.
- San Francisco (2382-29th Ave.). Small objects shifted. Plaster cracked. Damage slight. Ground: Soil, level.
- San Francisco (44 Forest View Dr.). Small objects shifted. Plaster cracked. Damage slight. Ground: Sandy, level.
- San Francisco (2327 Van Ness Ave.). Small objects shifted. Dishes broke. Plaster and walls cracked.
- San Francisco (348 De Long St.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Soil, sloping.
- San Francisco (201 Sansone St., Royal Insurance Bldg.). Plaster and walls cracked. Damage slight. Ground: Filled in.
- San Francisco (232 Dolores St.). Small objects shifted. Walls cracked. Damage slight. Ground: Soil.
- San Francisco (256 Dorantes Ave.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. "Felt all aftershocks." Ground: Sandy, compact, sloping.
- San Francisco (555 Eddy St.). Small objects shifted. Plaster cracked. Ground: Sandy, level.
- San Francisco (Van Ness Ave. at Post St.). Plaster cracked. Ground: Level. Damage slight.
- San Francisco (415 Belvedere St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Rocky soil, compact, sloping.
- San Francisco (Alemany and Orono). Small objects and furnishings shifted. Plaster cracked. Ground: Compact, level.
- San Francisco (62 Prentiss St.). Small objects shifted. Plaster cracked. Ground: Rocky, sloping.
- San Francisco (2643-39th Ave.). Small objects and furnishings shifted. Stucco cracked slightly. Damage slight. Ground: Sandy, gently sloping.
- San Francisco (1945 Jefferson St., 3rd floor). Very few small objects shifted. Some plaster wall cracks. Damage slight. Steel-frame apartment building. Ground: Sandy, filled in.
- San Francisco (52 Vallejo St.). Light fixtures swung violently. Ground: Level, filled in.
- San Francisco (1651-45th Ave.). Small objects shifted. Plaster cracked. Damage slight to stucco. Ground: Sandy, level.
- San Francisco (1871-19th Ave.). Small objects and one large object shifted. One bottle broke. Ceiling plaster cracked in basement only. Damage slight. Ground: Loose; general area slopes toward ocean.
- San Francisco (3072-22nd St.). Plaster cracked. Ground: Filled in, level.

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- San Francisco (2130 Fulton St., University of San Francisco). Moved outdoor bench observer was sitting on. Windows broke. Plaster cracked. St. Ignatius Church towers swayed. Damage slight. Ground: Rocky, compact, level.
- San Francisco (University of San Francisco). Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Soil.
- San Francisco (Market St., near Taylor). Small objects shifted. Plaster cracked. Damage slight. Ground: Compact, level.
- San Francisco (2086-45th Ave.). Small objects and furnishings shifted. Dishes broke. Plaster and walls cracked. Damage slight. Ground: Sandy, level.
- San Francisco (3215 Balboa St.). Small objects shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Soil, sloping.
- San Francisco (1722-35th Ave.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight to concrete. Ground: Soil, compact, sloping.
- San Francisco (Market and 2nd Sts.). Small objects and furnishings shifted. Windows broke. Plaster cracked. Ground: Level.
- San Francisco (4524 Balboa St.). Small objects and furnishings shifted. Dishes broke. Some plaster cracked. Damage slight. Ground: Sandy.
- San Francisco (429 Colon Ave.). Furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Sloping.
- San Francisco (3129 Geary Blvd.). Small objects shifted. Plaster cracked. Damage slight. Ground: Loose, level.
- San Francisco (2170-45th Ave.). Small objects shifted. Threw lid off toilet tank onto floor. Dishes broke. Plaster ceiling cracked. Damage slight. Ground: Sandy, loose, level.
- San Francisco (444 Waller St., top flat). Tank water spilled. Dishes moved slightly. Plaster cracked. Brick fell from roof of house next door (450 Waller). Ground: Compact, level.
- San Francisco (2026-22nd Ave.). Small objects and furnishings shifted. Dishes and windows broke. Plaster cracked. Rugs twisted. Damage slight to dishes and bric-a-brac. Ground: Soil, compact, level.
- San Francisco (1121 Mission St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Soil, loose, level.
- San Francisco (34 Shawnee Ave.). Small objects fell. Plaster cracked. Damage slight. Ground: Loose, sloping.
- San Francisco (195-25th Ave.). Small objects and furniture shifted on fourth floor. Dishes broke. Plaster and walls cracked slightly. Damage slight. Ground: Sloping.

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- San Francisco (150 Brighton Ave.). Furnishings shifted 6 inches. Dishes broke. Plaster and wallpaper cracked. Damage slight. Ground: Soil, compact, level.
- San Francisco (2306-44th Ave.). Small objects and furnishings shifted. Dishes broke. Plaster and walls cracked. Damage slight. Ground: Sandy, filled in (?).
- San Francisco (Woolworth's, Excelsior District). Small objects shifted. Walls cracked; windows broke. Damage slight. Ground: Soil, level.
- San Francisco (257-259 Church St.). Small objects and furnishings shifted. Dishes and four windows broke. Plaster cracked. Damage slight. Ground: Rocky, sandy, sloping.
- San Francisco (1600 Divisadero St., Mount Zion Hospital). Plaster cracked. Windows broke nearby. "Small objects and furnishings probably shifted." Damage slight. Ground: Soil, level, compact.
- San Francisco (70 Ravenwood Dr.). Small objects and furnishings shifted. Plaster and walls cracked some. Damage slight. "Many aftershocks felt." Ground: Rocky, sloping.
- San Francisco (671-35th Ave.). Small objects shifted. Dishes broke. Plaster cracked. Damage slight to exterior stucco. Ground: Soil, level.
- San Francisco (2462-45th Ave., Parkside). "When objects started to fall, I ran out back with the children." Refrigerator and cupboards moved 1 inch. Few dishes broke. Ground: Sandy, level.
- San Francisco (10 Linares Ave.). Small objects and furnishings moved about 6 inches. Dishes broke. Plaster and walls cracked. Damage slight. Ground: Rocky soil, level.
- San Francisco (2887 $\frac{1}{2}$ Bush St.). Plaster cracked. Damage slight. Ground: Soil, compact, level.
- San Francisco (4683-18th St.). Small objects and furnishings shifted. Plaster and walls cracked. Damage slight. Ground: Rocky soil, sloping.
- San Francisco (160 Bemis St.). Furnishings shifted. Plaster cracked in few places. Damage slight. Ground: Rocky soil.
- San Francisco (41 Theresa St.). Small objects shifted. Dishes broke. Plaster and windows broke. Damage slight. Ground: Compact, level.
- San Francisco (133-30th Ave.). "I was standing by west windows, which look out on garden and alley. Everything seemed to move, and I thought I was going to fall over." Small vase fell and broke. Plaster cracked in one room (ceiling). Damage slight. Ground: Rocky; covered by sandy soil.
- San Francisco (451 Jackson St.). Plaster cracked. Ground: Soil, sloping.

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INTENSITY VI - San Francisco

- San Francisco (2037 Rivera St.). Small objects and furnishings shifted. Dishes and bottles broke. Plaster and walls cracked (mostly fireplace wall). Damage slight. Ground: Rocky, compact, sloping, filled in.
- San Francisco (232 Granada Ave.). Small objects and furnishings shifted. Dishes broke. Plaster and walls cracked. Damage slight. Ground: Compact; small hill.
- San Francisco (2312-21st Ave.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Sandy soil, compact, sloping.
- San Francisco (170 McKinley Ave., Bldg. 32, Candlestick Cove Housing Project). Small objects and furnishings shifted. Walls cracked. Damage slight.
- San Francisco (2063-43rd Ave.). Stove, refrigerator, and dressers shifted. Dishes thrown out of closed cupboard. Plaster cracked. Damage slight. Ground: Sandy, sloping.
- San Francisco (Sixty-Four Pine Street Bldg., 3rd floor). Eight-story, steel-frame building. Some plaster cracked.
- San Francisco (180 Hernandez). Small objects shifted. Two cups broke. Slight horizontal plaster cracks between ceiling and walls. Stucco wall cracks? Damage slight? Ground: Sandy soil, probably rock base; slightly sloping.
- San Francisco (Bon Omi Store, 16th and Mission Sts.). Bottles and jars fell from wall shelves. "I heard glass tinkling in the store and saw small broken plaster items." Ground: Soil, rocky, level.
- San Francisco (424-40th Ave.). Small objects shifted. Plaster cracked. Damage slight. Ground: Soil, sloping.
- San Francisco (235-15th St.). Small objects and furnishings shifted. Walls cracked. Damage slight to radios. Ground: Compact.
- San Francisco (1610 Sutter St.). Pictures shifted. Small plaster cracks. Ground: Rocky, sloping.
- San Francisco (65 Lopez Ave.). Small objects shifted. Hairline cracks in outdoor wall in yard at garage door. Damage slight. Ground: Sandy, sloping.
- San Francisco (341 Foerster St.). Small objects and furnishings shifted. Vase broke. Wall plaster cracked. Damage slight. Ground: Rocky soil, level.
- San Francisco (185 San Aleso Ave.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Under supports twisted. Damage slight-considerable? Ground: Rocky soil, compact, sloping.
- San Francisco (80 Terrace Dr.). Small objects shifted. Chimneys cracked. Damage slight. Ground: Compact, level.
- San Francisco (150 Navajo Ave.). Small objects shifted. Plaster cracked. Damage slight. Ground: Soil.

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- San Francisco (2 Valdez Ave.). Objects shifted. Plaster cracked. Damage slight. Ground: Soil, sloping.
- San Francisco (1192 Sanchez St.). Small objects and furnishings shifted. Opened corner trim in ceiling. Ground: Rocky, level.
- San Francisco (253-2nd Ave.). Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Soil, compact.
- San Francisco (340 Pacheco St.). Small objects shifted. Glasses broke. Plaster cracked around mantel. Ground: Sloping, soil.
- San Francisco (7th and Clement, Lick's Market). Cans, bottles, and jars fell from shelves; bottles and jars broke. Plaster and walls cracked. Damage slight to masonry. Ground: Level.
- San Francisco (181 Lowell St.). Small objects and furnishings shifted. Dishes and figurines broke. Plaster, walls, and stucco (exterior) cracked. Damage slight. Ground: Soil.
- San Francisco (431-16th Ave.). Mirrors shifted. Plaster cracked. Damage slight. Ground: Soil, sloping.
- San Francisco (779 Brunswick St.). Small objects and furnishings shifted. Dishes and windows broke. Plaster cracked. Damage slight. Ground: Soil, compact, sloping.
- San Francisco (547-42nd Ave.). Small objects and furnishings shifted; lamps broke. Plaster and walls cracked. Damage slight. Ground: Sandy soil, sloping; on hill.
- San Francisco (425 Battery St.). Small objects and furnishings shifted, including safe. Plaster cracked. Damage slight to plaster and masonry. Ground: Level, filled in.
- San Francisco (1400 Eucalyptus Dr., 1 block north of Lake Merced). Small objects and furnishings shifted. Dishes and mirrors broke. Walls cracked. Damage slight. Ground: Sandy, sloping.
- San Francisco (132-27th Ave.). Table turned around. Small table with flower pot fell. Damage slight. Clock facing south stopped. Ground: Sandy, loose, sloping.
- San Francisco (7th and Balboa Sts.). Small objects shifted. Plaster cracked. Springs leaning against wall twisted around. Damage slight. Ground: Level.
- San Francisco (2219-35th Ave.). Small objects and furnishings shifted, including stove. Dishes broke. Plaster and walls cracked. Damage slight. Ground: Loose, sandy, sloping.
- San Francisco (166 Funston Ave., near Lake St.). Small objects and furnishings shifted. Plaster cracked and buckled horizontally. Damage slight. Ground: Soil, compact, level.
- San Francisco (170 Fell St., 3rd floor). Plaster cracked. Damage slight. Ground: Soil, level.

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- San Francisco (351 Naples St.). Small objects and furnishings shifted. Dishes broke. Plaster and walls cracked. Stove-pipe came out of wall. Damage slight. Ground: Compact.
- San Francisco (2042-43rd Ave.). All furniture shifted. Dishes broke. Plaster and stucco front cracked. "Damage slight compared with Westlake area." Ground: Sandy, level.
- San Francisco (2359-27th Ave.). Small objects and furnishings shifted. Plaster and walls cracked. Damage slight. Ground: Sandy soil, level.
- San Francisco (1721 Filbert St., near Marina district). Small objects and furnishings shifted. Dishes broke. Plaster and walls cracked. Damage slight. Ground: Rocky soil, level.
- San Francisco (907 Ellsworth St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Soil, sloping.
- San Francisco (795 Sutter St., corner Jones). Small objects and furnishings shifted. Plaster and chimneys cracked. Damage slight to exterior concrete. Ground: Sloping.
- San Francisco (Langley Porter Clinic, Parnassus Ave. and Arguello Blvd.). Small objects and furnishings shifted; small objects fell. Plaster cracks in two walls. Damage slight.
- San Francisco (110 Valdez Ave.). Small objects shifted. Plaster cracked. Damage slight (about \$1000). Ground: Sloping, soil.
- San Francisco (1615 Monterey Blvd.). Dishes broke. Plaster cracked. Damage slight to concrete. Ground: Rocky soil, sloping.
- San Francisco (1271-3-5 Mission St.). Plaster damage.
- San Francisco (65 Santa Paula Ave.). Small objects shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Sloping, compact soil.
- San Francisco (30 Vasquez Ave.). Small objects and furnishings shifted. Plaster cracked. Damage slight to brick and masonry: walls cracked. Ground: Filled in.
- San Francisco (Southern Pacific Hospital, Fell and Baker Sts.). Plaster cracked. Damage slight. "No apparent damage to high chimney." Ground: Rocky, level?
- San Francisco (3175-26th St., at Folsom). Small objects and furnishings shifted slightly. Plaster cracked. Ground: Compact, level soil.
- San Francisco (Hunter's Point Naval Shipyard, Bldg. 35-A.). Plaster cracked. Ground: Filled in.
- San Francisco (143 Clearfield Dr., Lakeshore Park area). Small objects and furnishings shifted. Plaster cracked. Damage slight. Ground: Sandy, level.

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- San Francisco (635 Folsom St.). Plaster and windows cracked. Damage slight. Ground: Rocky.
- San Francisco (462-17th Ave.). Small objects shifted. Plaster cracked. Damage slight. Ground: Soil, sloping.
- San Francisco (3328-24th St., at Mission). Small objects and furnishings shifted. Dishes and ceramics broke. Water heater chimney fell to floor. Damage slight. Ground: Soil, compact, level.
- San Francisco (1580 Filbert St., at Franklin). Small objects shifted. Dishes broke. Plaster and walls cracked. Damage slight. Ground: Soil, sloping.
- San Francisco (1666-25th Ave.). Small objects and furnishings shifted. Plaster and windows cracked. Damage slight. Ground: Sandy, sloping.
- San Francisco (184 Santa Rosa Ave.). Small objects shifted. Plaster cracked. Damage slight. Ground: Compact, level.
- San Francisco (366 Monticello St.). Small objects shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Soil, level.
- San Francisco (1012 Randolph St.). Small objects and furnishings shifted. Dishes broke. Plaster cracked. Damage slight. Ground: Sandy, sloping.
- San Francisco (1227-47th Ave.). Small objects and furnishings shifted. Dishes broke. Damage slight to wood and brick. Ground: Loose, level.
- San Francisco (1385 Greenwich St.). Small objects shifted. Plaster cracked. Damage slight. Ground: Rocky, steep.
- San Francisco (2567 San Bruno Ave.). Small objects shifted. Dishes broke. Plaster cracked. Damage slight.
- San Francisco (731-12th Ave.). Small objects and furnishings shifted. Walls cracked. Damage slight to concrete. Ground: Rocky, level.
- San Francisco (2086-45th Ave.). Small objects shifted. Dishes broke. Plaster and walls cracked. Damage slight. Ground: Sandy, level.
- San Francisco (1219 Clayton St.). Small objects shifted. Plaster cracked. Ground: Compact, sloping.
- San Francisco (600 Stockton St.). Plaster cracked. Damage slight. Ground: Rocky.
- San Francisco (1472 Filbert St.). Small standing objects and wall picture shifted. Plaster and walls cracked at ceiling junction. Ground: Soil, sloping, steep.
- San Francisco (57 San Jacinto Way). One or two slight plaster cracks. "From past experience my home is located in a very earthquake-resistant area." Ground: Rocky slopes of Monterey Heights.

22 March, 11:44:21*. Intensity VII. (cont.)

INTENSITY VI - San Francisco

- San Francisco (2586-28th Ave.). Small objects, pictures, etc., fell. Bottles broke. Plaster cracked in basement. Damage slight. Ground: Sloping, filled in.
- San Francisco (1124 Kearny St., Telegraph Hill). Plaster cracked. Ground: Rocky.
- San Francisco (1950 Gough St.). Small objects shifted. Small plaster cracks.
- San Francisco (3439 Ortega St.). Small objects shifted; one piece of furniture shifted. Thin stucco cracks. Damage very slight. Ground: Soil, level.
- San Francisco (26 Graystone Terrace). Plaster cracked around fireplace. Damage very slight. Ground: Steep; on east side of Twin Peaks.
- San Francisco (658-20th Ave.). Small objects and furnishings shifted. Plaster cracked. Ground: Sandy, level.
- San Francisco (One Eleven Sutter Bldg., 18th floor). "When I tried to stand I was thrown in an easterly direction." Minor plaster cracking. Dishes, etc., broke downstairs. Ground: Level.
- San Francisco (2395 Sacramento St., at Webster, 2nd floor). Books shifted. Plaster and glass floors cracked. Damage very slight. Ground: Soil, loose, sloping.
- San Francisco (2170-47th Ave.). Small objects shifted. Dishes broke. Plaster cracked. "Three statues facing north were found in exactly the same place but facing south." Damage very slight. Ground: Sandy soil, level.
- San Francisco (2025 Santiago St.). Small objects shifted. Plaster cracked. Damage very slight to plaster. Ground: Loose, level.
- San Francisco (2155 Alemany Blvd.). Small objects and furnishings shifted. Dishes broke. Plaster cracked slightly. Damage slight. Ground: Soil, level.
- San Francisco (367 Madrid, Excelsior District). Small objects shifted; few knickknacks broke. Plaster cracked slightly. Damage slight to concrete. Ground: Soil.
- San Francisco (769 Joost Ave.). Small objects shifted. Dishes broke. Plaster cracked very slightly. Ground: Soil, sloping.
- San Francisco (343 Sansome St.). Pictures askew. Few plaster cracks. Ground: Filled in.
- San Francisco (1148 Shotwell St.). Figurines and books shifted. Slight plaster cracks. Ground: Soil, compact, level.
- San Francisco (609 Sutter St.). Plaster cracked.
- San Francisco (604 Irving St.). Unsecured pictures fell. Windows broke; glass in large picture broke. Thin bathroom plaster cracks. Ground: Rocky, sandy, nearly level.

22 March, 11:44:21*. Intensity VII. (cont.)

INTENSITY VI - San Francisco

- San Francisco (1900 Jefferson St.). Small objects shifted. "PG&E high voltage power wire broke between poles on Jefferson St., in front of apartment building." Ground: Level, filled in; 1915 World's Fair site.
- San Francisco (608 Laguna Honda Blvd.). Small objects shifted. Plaster cracked slightly. Damage slight. Ground: Top-soil over sand, compact.
- San Francisco (114 Sansome St., Adam Grant Bldg.). Small objects shifted. Plaster cracked. Damage very slight. Ground: Level.
- San Francisco (Adam Grant Bldg.). V. Motion rapid, lasted 3 seconds. Moderate earth noises heard. Felt by all; frightened few.
- San Francisco (Municipal Railway Bldg., Geary Blvd. and Presidio Ave.). Concrete Class A building. Office cabinets and bookcases shook very noticeably. Glass panel from fluorescent light fixture fell to floor and broke. Small objects shifted. Ground: Sandy, level.
- San Francisco (121-19th Ave.). Two small objects shifted. Small plaster crack. Damage very slight. Ground: Soil, level.
- San Francisco (2426-32nd Ave.). Small objects and furnishings shifted; books thrown to floor. Slight plaster cracks. All pictures tilted, with top toward east. Damage slight to plaster. Ground: Sandy, sloping.
- San Francisco (1987-19th Ave.). Small objects and furnishings shifted (N-S walls). Very slight plaster cracks. Ground: Soil, level. Car rocked N-S.
- San Francisco (Grand Central Market, Sacramento and Fillmore Sts.). Large windows broke.
- San Francisco (642-10th Ave.). Small objects shifted. Plaster cracked very slightly. Damage very slight. Ground: Soil, loose, level.
- San Francisco (123 Winding Way). Small objects and furnishings shifted. Dishes broke. Plaster cracked slightly. Ground: Rocky, sloping (4 to 100 feet). "Ground rolled like waves."
- San Francisco (646-38th Ave.). Small objects and furnishings shifted. Plaster cracked slightly. Damage slight. Ground: Sandy soil, level.
- San Francisco (134 Staples Ave.). Small objects shifted. Glass in picture broke. Plaster cracked slightly. Damage slight. Ground: Compact, level.
- San Francisco (600 Stockton St.). Plaster cracked. Damage very slight. Ground: Compact, sloping.
- San Francisco (Telephone Bldg., 140 New Montgomery St.). "I was standing still in the basement. It felt like a lift up, then rolled or swayed from side to side. No damage to amount to anything in the building." Ground: Rocky, level.

22 March, 11:44:21*. Intensity VII. (cont.)

INTENSITY VI - San Francisco

- San Francisco (2323 Laguna St., corner Washington). Small objects shifted. Plaster cracked very slightly. Ground: Sloping, compact.
- San Francisco (2274-48th Ave.). Small objects and furnishings shifted. "Felt like house was going straight up in the air, then from side to side, like a ship listing." Small stucco crack. Damage slight. Ground: Sandy.
- San Francisco (930 Sutter St.). Lamps shifted. Plaster cracked.
- San Francisco (1050 Green St.). Small objects and furnishings shifted. Plaster cracked slightly. No damage of any consequence. Ground: Rocky, sloping in rear.
- San Francisco (58 Hanover St.). China plates rolled on floor. Stovepipe fell. Ground: Rocky, sloping.
- San Francisco (54 Fair Ave., Mission District). Plaster cracked very slightly. Ground: Soil, compact, sloping.
- San Francisco (4027 Clement St.). Small objects shifted. Plaster cracked very slightly. Ground: Loose, sloping.
- San Francisco (45 Lopez Ave., Forest Hills). Small objects and furnishings shifted. Slight plaster cracks. Ground: Rocky, sandy; on hillside.
- San Francisco (440 Turk St.). Plaster cracked.
- San Francisco (1370-9th Ave.). Plaster cracked. "Fifty-year-old building." No damage other than plaster.

INTENSITY V - San Francisco

San Francisco (Shell Bldg., 100 Bush St.). Slight paint flaking at existing cracks. One light fixture in general office area (5th floor) in south bays dropped slightly. It was reported that chimes in old grandfather clock were set in motion. Slight movement was noted along existing crack in partition in southeast corner of building off lobby on first floor. Crack occurs along juncture of partition to column. Light fixture at ceiling reported to have shifted slightly. 100 Bush Street: Existing crack at juncture of partition to south wall column opened. This was the most notable damage. In the subbasement a slight leak developed in the 8-inch main steam line at the point where the horizontal line joins the tee fitting to the main riser. The repairs consisted of replacing the gasket, which had been in service 27 years. Top of building: Wedges shimming wood flagpole, where it passes through roof of small tower structure, dropped out. This may have occurred during the earthquake or they may have worked loose prior to the earthquake. Essentially no damage to the building. No damage noted in building adjoining to the north (465 Battery St.).

22 March, 11:44:21*. Intensity VII. (cont.)

INTENSITY V - San Francisco

- San Francisco (California Commercial Union Bldg., 315 Montgomery St.). Motion rapid, lasted about 3 seconds. Moderate earth noises heard by many at beginning of shock. Felt by all in building; frightened many. Windows and doors rattled. Small objects shifted.
- San Francisco (Physicians Bldg., 516 Sutter St.). Motion rapid, lasted few seconds. Felt by several on third floor of strongly built brick building (active); frightened few. Windows and doors rattled.
- San Francisco (Four Fifty Sutter Bldg.). Motion slow, lasted 45 seconds. Felt by all on sixth floor of steel and concrete building; frightened many in community.
- San Francisco (Hyde and Greenwich Sts.). Motion rapid, lasted several seconds. Loud earth noises from W heard by many. Felt by and frightened many (some outdoors; active). Windows, doors, and dishes (everything) rattled. Hanging objects swung. Trees, bushes shaken strongly. Small objects shifted and overturned; one knickknack fell. "Damage very slight, practically nil. Reinforced-concrete building. Many heavy shocks over a period of three days." Ground: Rocky, compact, sloping.
- San Francisco (142 Downey St.). Motion rapid, lasted 5-10 seconds. Felt by all; frightened all in home. Ground: Rocky.
- San Francisco (51 Belden St.). Basement of concrete building. "The shock did not feel too strong here." One object shifted.
- San Francisco (Battery St., at Clay). "Trolley wires swayed a great deal. This was the only indication I had of a shock. I was walking rapidly northward. However, a few seconds later people 'boiled' out of the buildings along Battery St."
- San Francisco:
2622 Yorba St.
485 Eddy St., 4th floor
Capitol and Montana Sts., Ocean View Playground
1733 Geneva Ave.
1511-30th Ave.
1360 Lombard St.
2850 Golden Gate Ave.
182 Inverness Dr.
1428-9th Ave.
140 Alton Ave.
2421 Quintara St.
2318-17th Ave.
120 Westmorland Dr.
1951-11th Ave.
1 Grant Ave.
245 San Fernando Way