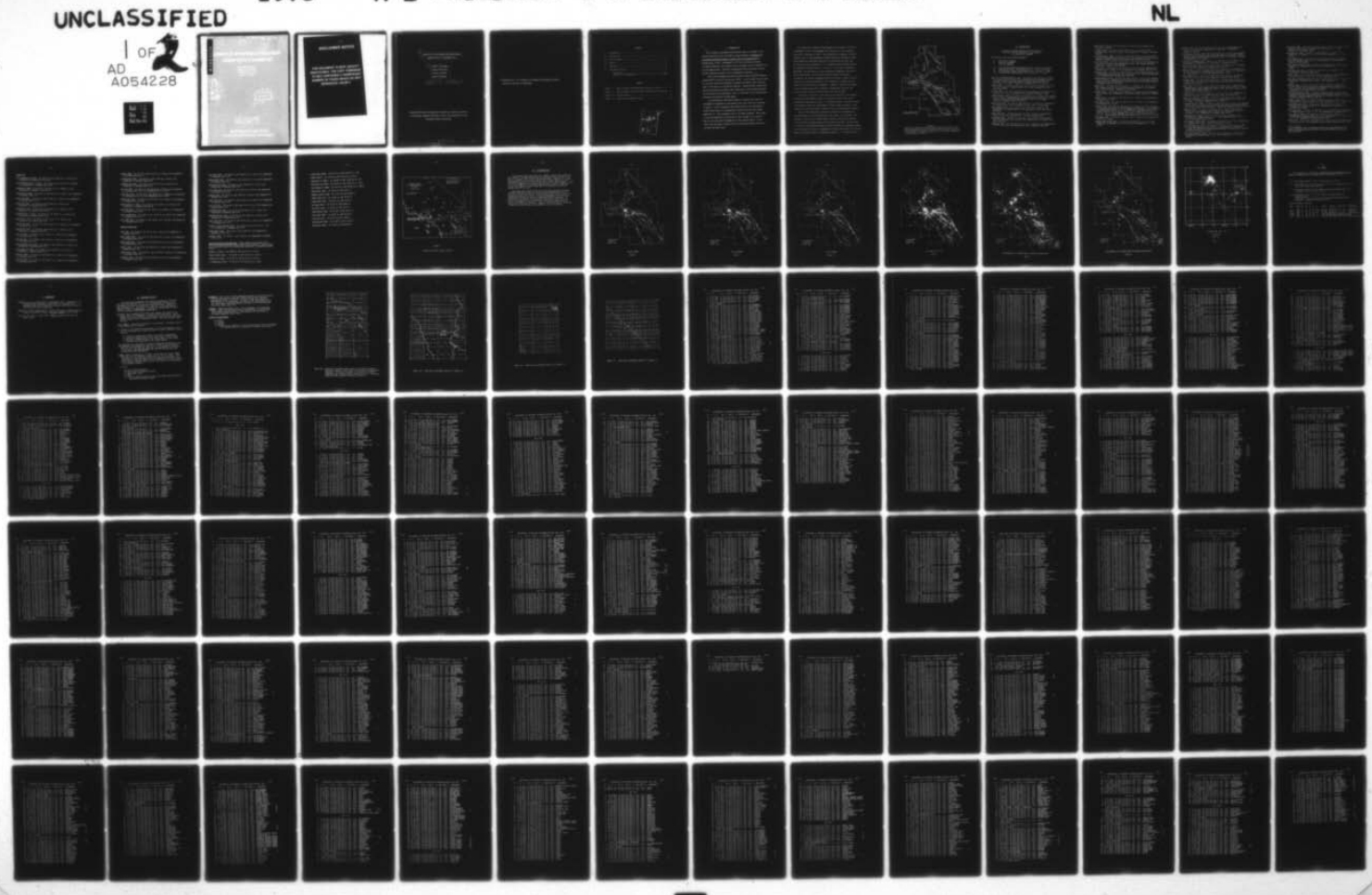
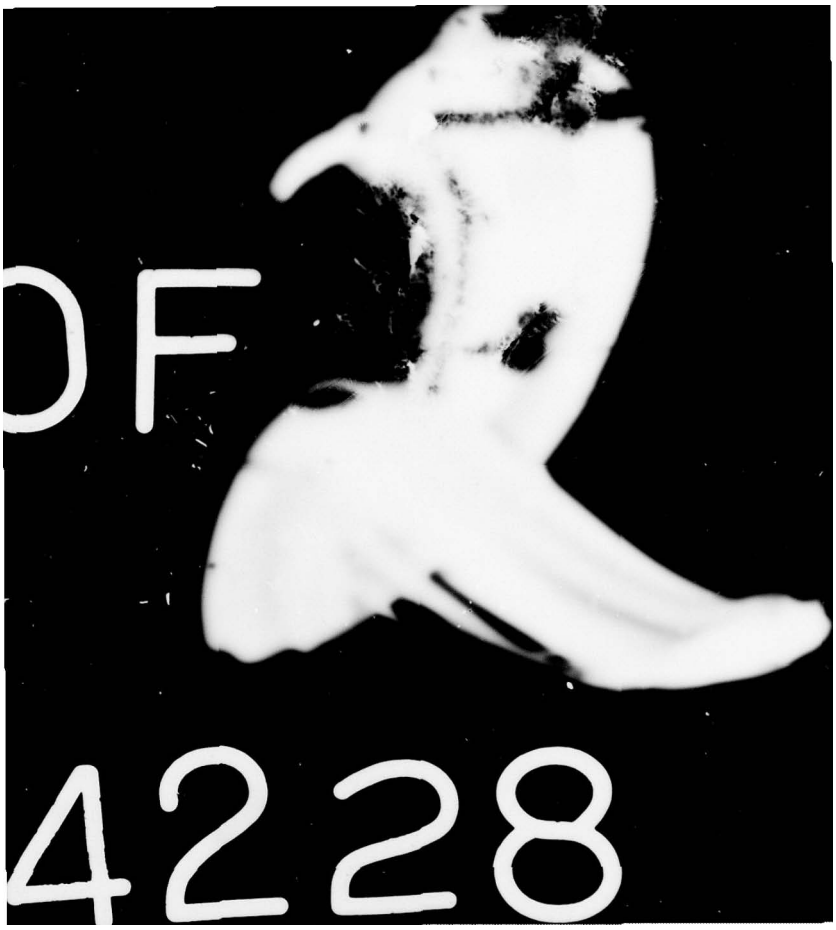
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SEISMICITY OF THE SOUTHERN CALIFORNIA REGION

1 JANUARY 1972 TO 31 DECEMBER 1974

MARTIN E. FRIEDMAN
JAMES H. WHITCOMB
CLARENCE R. ALLEN
JAMES A. HILEMAN

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SEISMOLOGICAL LABORATORY
CALIFORNIA INSTITUTE OF TECHNOLOGY

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SEISMICITY OF THE SOUTHERN CALIFORNIA REGION

1 JANUARY 1972 TO 31 DECEMBER 1974

(10) Martin E. /Friedman,
James H. /Whitcomb,
Clarence R. /Allen
James A. /Hileman

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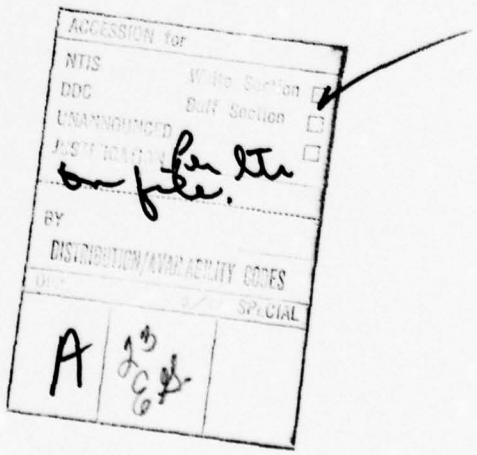
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I. INTRODUCTION

This listing of earthquakes and epicenter maps is an update to the southern California local earthquake catalog published in Seismicity of the Southern California Region 1 January 1932 to 31 December 1972 by Hileman et al. (1973). Earthquakes in 1972 are relisted here because of numerous additions that resulted from an intensive study of seismicity in the Los Angeles basin. The basic seismological data was obtained from the southern California network of the Seismological Laboratory.

Since 1974, earthquakes have been routinely located using the computer program HYPO71 written by Lee and Lahr (1975). A four layered velocity model for southern California determined by Kanamori and Hadley (1975) has been used for the majority of epicenter solutions. Several special studies with epicenter locations included in this listing use a velocity model modified for the specific area considered. Prior to 1974 most of the locations were computed as described in Hileman et al.

The Seismological Laboratory attempts to identify and locate all earthquakes of magnitude 3.0 and greater that occur within the area shown on Figure 1, with the exception that shocks south of the international border within Mexico are systematically located only when they exceed magnitude 4.0. This coverage is felt to be nearly complete. Many shocks of less than magnitude 3.0 are given in this listing, but no claim is made for the statistical homogeneity of these smaller shocks. Every effort has been made to exclude from the listing non-seismic events such as quarry and mine blasts.

The Seismological Laboratory was founded by the Carnegie Institution of Washington in 1927, and management was transferred to the California Institute of Technology in 1936. These organizations themselves initially supported most of the seismographic network operations, although in recent years significant additional assistance of various types has come from the National Science Foundation, U. S. Geological Survey, National Oceanic and Atmospheric Administration, U. S. Navy, U. S. Air Force, California Department of Water Resources, Nuclear Regulatory Commission, Western Oil and Gas Association, and California Division of Mines and Geology. In addition, the Caltech Earthquake Research Affiliates, a group of private sponsors, has contributed markedly to the Laboratory's program since the time of the 1952 Kern County earthquake. A number of agencies have helped in the continuing operation of individual seismographic stations, and these are listed together with the station data that follows.

During the time period of this catalog, the operation of the Southern California Seismic Network, Figure 2, has become a joint effort by the Seismological Laboratory and the U. S. Geological Survey. The latter's main contribution has been the establishment of dense seismic networks to study seismicity in the Mojave desert, Imperial Valley, and Santa Barbara Channel.

Many of the Seismological Laboratory personnel have contributed to the preparation of the data presented in this volume. In particular, John Nordquist, Violet Taylor, Shirley Fisher, and Marla Turner have read most of the records and computed many of the epicenter solutions. We would like to thank the following institutions for their assistance in supplying readings for the epicenter locations: Seismographic Stations, University of California, Berkeley; National Center for Earthquake Research, U. S. Geological Survey.

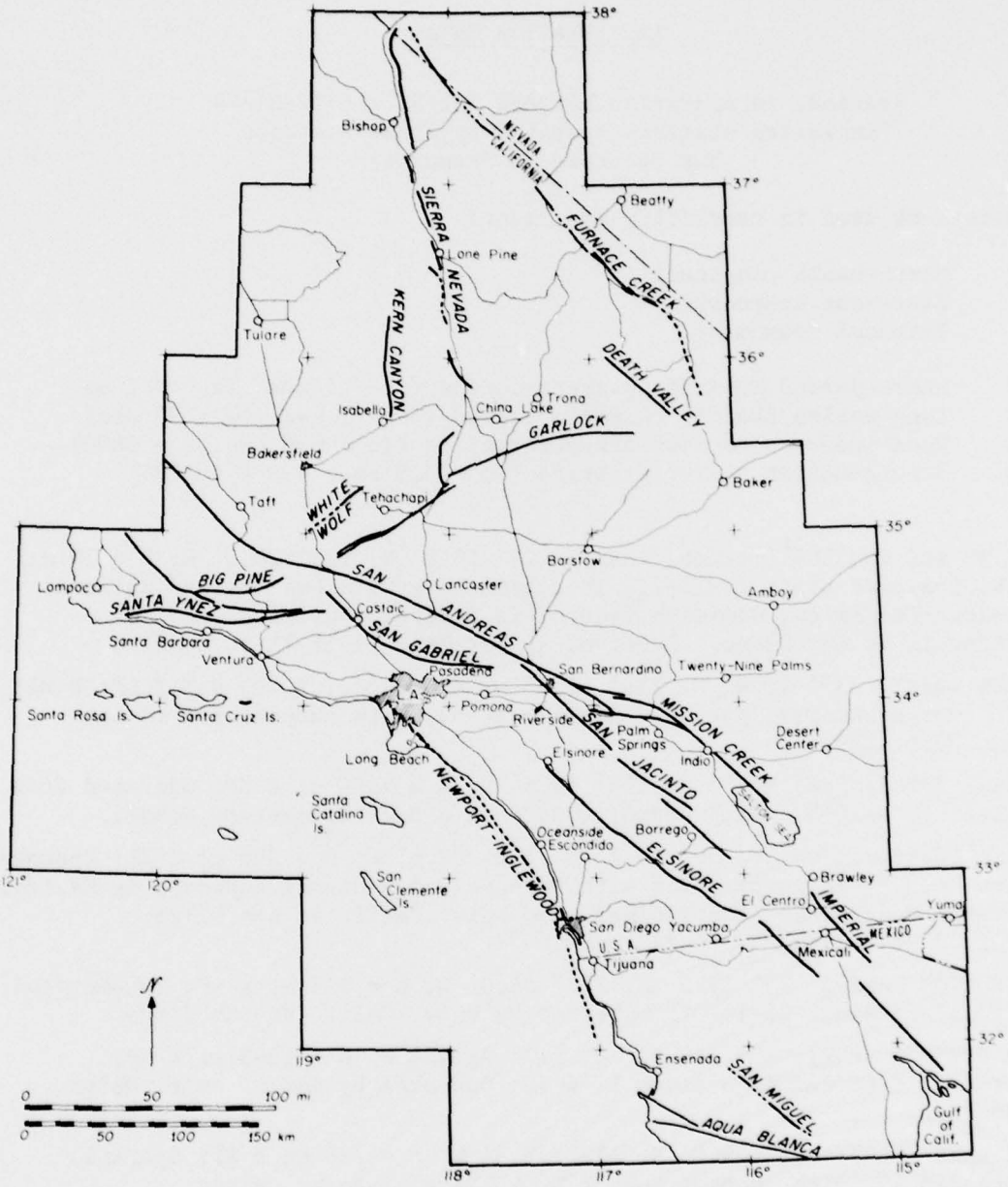


Figure 1.
Base map of southern California region with major faults. The outline encloses the area for which network coverage is believed to be complete for events of magnitude 3.0 and greater (magnitude 4.0 and greater in Mexico).

II. STATION DATA

Stations in operation between 1-1-32 and 12-31-74
(including stations operated by other agencies
but recorded at Pasadena)

Abbreviations used in describing equipment:

N	North-south component
E	East-west component
Z	Vertical component
SP	Short-period Benioff characteristics (To = 1 sec; Tg = 0.2 sec)
LP	Long-period Benioff characteristics (To = 1 sec; Tg = 90 sec)
WA	Wood-Anderson torsion characteristics (To = 0.8 sec; V = 2800)
SM	Strong-motion characteristics (To = 0.8 sec; V = 4 to 125)

BAHIA DE LOS ANGELES*[Mexico] (LAX): 28° 56.8' N, 113° 34.0' W; h = 50 m; Z SP; Operated since 12-31-71, in cooperation with Universidad Nacional Autonoma de Mexico, Comision Federal de Electricidad, and Univ. of California at San Diego. Received at Pasadena 12-31-71 to 8-20-73.

BARRETT (BAR): 32° 40.8' N, 116° 40.3' W; h = 510 m; Z SP; N,E,Z LP: N WA; Z SM (not standard); Operated since 1-17-52, with cooperation of San Diego Water Dept.

BIG BEAR (BBC): 34° 14.5' N, 116° 54.5' W; h = 2060 m; Z SP; Operated from 6-21-51 to 9-20-57, with cooperation of Big Bear Elementary School.

CABORCA*[Mexico] (CBR): 30° 43.7' N, 112° 09.6' W; h = 300 m; Z SP; Operated since 7-30-72 in cooperation with Universidad Nacional Autonoma de Mexico, Comision Federal de Electricidad, and Univ. Calif. at San Diego. Received at Pasadena 7-30-72 to 8-31-73.

CAMP ELLIOT (CPE): 32° 52.8' N, 117° 06.0' W; h = 213 m; Z SP; Telemetered to Pasadena since 11-16-72; Operated by Univ. Calif. at San Diego.

CEDAR SPRINGS (CSP): 34° 17.87' N, 117° 21.45' W; h = 1268 m; Z SP; Telemetered to Pasadena since 11-4-70; Operated by Calif. Dept. Water Resources.

CHINA LAKE (CLC): 35° 49.0' N, 117° 35.8' W; h = 766 m; Z SP; Operated since 7-8-49, with cooperation of U. S. Naval Weapons Center.

COTTONWOOD (CWC): 36° 26.3' N, 118° 04.7' W; h = 1620 m; Z SP; N,E WA; N,E,Z SM; Operated since 10-13-65, with cooperation of Los Angeles Dept. Water and Power.

CRESTLINE (CRS): 34° 14.6' N, 117° 15.7' W; h = 1430 m; Z SP; Operated from 5-19-49 to 8-31-50, when destroyed by fire. Replaced by Big Bear.

DALTON (DLT): 34° 10.2' N, 117° 48.6' W; h = 523 m; Z SP; Operated from 7-20-50 to 8-29-59.

EL CENTRO (ECC): 32° 47.9' N, 115° 32.9' W; h = - 15 m; N, E, Z SM; Operated from 11-28-56 to 9-30-70, with cooperation of Imperial Irrigation District.

EL GOLFO*[Mexico] (EGM): 31° 40.7' N, 114° 29.5' W; h = 5 m; Z SP; N,E LP (special); Operated from 4-26-69 to 9-7-70 in cooperation with Universidad Nacional Autonoma de Mexico and Comision Federal de Electricidad.

FORT TEJON (FTC): 34° 52.4' N, 118° 53.6' W; h = 990 m; Z SP; Operated from 11-21-52 to 9-30-70, with cooperation of Calif. Div. Beaches and Parks. Replaced by telemetry from Pyramid.

GLAMIS (GLA): 33° 03.15' N, 114° 49.59' W; h = 627 m; Z SP; Telemetered to Pasadena since 12-20-66; N, E, WA; Telemetered to Pasadena since 2-27-73.

GOLDSTONE (GSC): 35° 18.1' N, 116° 48.3' W; h = 990 m; WWSSS equipment, plus Z SP; Operated since 11-7-61, with cooperation of Jet Propulsion Laboratory (Z SP telemetered to Pasadena since 10-12-66).

GUAYMAS*[Mexico] (GYM): 27° 54.6' N, 110° 57.1' W; h = 15 m; Z SP; Operated since 3-19-72 in cooperation with Universidad Nacional Autonoma de Mexico, Comision Federal de Electricidad, and Univ. Calif. at San Diego. Received at Pasadena 3-19-72 to 10-7-23.

HAIWEE (HAI): 36° 08.2' N, 117° 56.8' W; h = 1150 m; Z SP; N,E, WA; N,E,Z SM; Operated from 9-11-29 to 10-27-65, with cooperation of Los Angeles Dept. Water and Power. Replaced by Cottonwood.

HAYFIELD (HAY): 33° 42.50' N, 115° 38.30' W; h = 439; Z SP; Z LP; Operated since 6-20-56, with cooperation of Metropolitan Water District of Southern Calif.

INKOPAH (IKP): 32° 38.93' N, 116° 06.48' W; h = 957 m; Z SP; Telemetered to Pasadena since 11-8-72.

IRON CANYON (IRC): 34° 23.4' N, 118° 24.0' W; h = 580 m; Z SP; Telemetered to Pasadena since 11-1-71.

ISABELLA (ISA): 35° 39.8' N, 118° 28.4' W; h = 835 m; Z SP, N, E WA, plus 2 strain extensometers and 3 ultra-long-period pendulums. Z SP telemetered to Pasadena since 4-5-67. N, E WA telemetered to Pasadena since 4-18-74. Earlier station (Z SP; N WA; N, E SM; Z LP) at nearby dam (35° 38.6' N, 118° 28.7' W; h = 760 m) operated from 1-6-54 to 1-24-57 and 1-14-62 to 4-17-67. Same equipment operated near present site from 2-5-57 to 6-13-62.

KING RANCH (KRC): 35° 19.6' N, 119° 44.7' W; h = 680 m; Z SP; Operated from 10-16-52 to 12-3-65.

LAKEWOOD GOLF COURSE (LGC): 33° 50.15', 118° 09.02' W; h = 17 m; Z SP; Telemetered to Pasadena 7-7-71 to 3-15-74 with cooperation U. S. Geol. Survey.

LA JOLLA (LJC): 32° 51.8' N, 117° 15.2' W; h = 8 m; Z SP; Operated from 5-4-27 to 7-30-52, with cooperation of Scripps Inst. Oceanography. Replaced by Barrett.

LA PAZ*[Mexico] (LAP): 24° 09.6' N, 110° 16.8' W; h = 65 m; Z SP; Operated since 8-2-72 in cooperation with Universidad Nacional Autonoma de Mexico; Comision Federal de Electricidad, and Univ. Calif. at San Diego. Received at Pasadena 8-2-72 to 7-19-73.

LITTLE SKULL MOUNTAIN (LSM): 36° 44.3' N, 116° 16.3' W; h = 1146 m; Z SP; Telemetered to Pasadena 5-31-71 to 10-17-73. Operated by NOAA.

MOUNT WILSON (MWC); 34° 13.43' N, 118° 03.46' W; h = 1730 m; Z SP; Operated since 4-23-28 (telemetered to Pasadena since 9-25-70).

PALOMAR (PLM): 33° 21.2' N, 116° 51.7' W; h = 1692 m; Z SP; Operated since 9-7-39 (telemetered to Pasadena since 12-22-66). N WA; N, E, Z SM; N, E, Z WA (long period: To = 6; V = 800) operated since 4-9-74.

PALOS VERDES (PVR): 33° 45.5' N, 118° 21.4' W; h = 340 m; Z SP; Operated from 3-21-56 to 11-21-62, with cooperation of Palos Verdes Schools.

PASADENA (PAS): 34° 08.9' N, 118° 10.3' W; h = 295 m; N,E,Z SP; N,E,Z LP; N,E WA; N,E,Z SM; plus strain, Press-Ewing, and experimental instruments; Operated since 3-17-27.

PERRIS (PEC): 33° 53.5' N; 117° 09.6' W; h = 616 m; Z SP: Telemetered to Pasadena since 11-2-71; Operated by Calif. Dept. Water Resources. Earlier station nearby, PERRIS (PRR): 33° 46.8' N, 117° 14.0' W; h = 430 m; Z SP; Operated from 3-1-50 to 9-11-51.

PYRAMID (PYR): 34° 34.1' N, 118° 44.5' W; h = 1247 m; Z SP; Telemetered to Pasadena since 11-3-70; Operated by Calif. Dept. Water Resources.

RANCHO SAN JOSE*[Mexico] (RSJ): 30° 58.4' N, 115° 44.7' W; h = 650 m; Z SP; Operated intermittently since 8-9-71 in cooperation with Univ. Calif. at San Diego. Received at Pasadena 8-9-71 to 8-19-73.

RIO HARDY*[Mexico] (RHM): 32° 08.5' N, 115° 17.0' W; h = 20 m; Z SP; Operated since 2-16-69, in cooperation with Universidad Nacional Autonoma de Mexico and Comision Federal de Electricidad. Received at Pasadena 2-16-69 to 9-4-73.

RIVERSIDE (RVR): 33° 59.6' N, 117° 22.5' W; h = 260 m; Z SP; N,E,Z LP; N,E WA; N,E,Z SM; Operated since 10-19-26, with cooperation of City of Riverside. Z SP; Telemetered to Pasadena since 10-4-73.

SADDLEBACK BUTTE (SBB): 34° 41.3' N, 117° 49.5' W; h = 832 m; Z SP Telemetered to Pasadena since 1-3-74. Z LP telemetered since 1-28-74. N, E SP telemetered since 5-12-75.

SAN CLEMENTE ISLAND (SCI): 32° 58.8' N, 118° 32.8' W; h = 219 m; Telemetered to Pasadena from 7-27-67 to 10-17-68 and since 11-11-71.

SAN FELIPE*[Mexico] (SFP): 31° 01.9' N, 114° 49.8' W; h = 4 m; Z SP; N,E LP (Special); Operated since 4-26-69, in cooperation with Universidad Nacional Autonoma de Mexico and Comision Federal de Electricidad. Received at Pasadena 4-26-69 to 1-13-73.

SAN JOAQUIN RESERVOIR (SJQ): 33° 37.2' N, 117° 50.7' W; h = 165 m; Z SP; Telemetered to Pasadena since 7-7-71, with cooperation of U. S. Geol. Survey.

SAN NICOLAS (SNC): 33° 14.9' N, 119° 31.4' W; h = 275 m; Z SP; Z LP; E WA; Operated from 7-24-57 to 1-24-68, with cooperation of U. S. Navy. Replaced by San Clemente Island.

SAN PEDRO HILL (SPH): 33° 44.8' N, 118° 20.08' W; h = 445 m; Z SP; Telemetered to Pasadena 7-7-71 to 3-15-74 with cooperation U. S. Geol. Survey.

SANTA BARBARA (SBC): 34° 26.5' N, 119° 42.8' W; h = 90 m; Z SP; N,E WA; N,E,Z SM; Operated since 5-10-27, with cooperation of Santa Barbara Museum of Natural History.

SANTA CATALINA ISLAND (CIS): 33° 24.4' N, 118° 24.2' W; h = 485 m; Z SP; Telemetered to Pasadena since 7-1-71, with cooperation of U. S. Geol. Survey.

SANTA YNEZ PEAK (SYP): 34° 31.6' N, 119° 58.7' W; h = 1305 m; Z SP; Telemetered to Pasadena since 6-7-67.

SAWMILL (SWM): 34° 43.1' N, 118° 34.9' W; h = 1220 m; Z SP; Operated from 3-7-66 to 12-8-70. Z SP; E SM; N, E WA; Reactivated 2-9-73.

STONE CANYON RESERVOIR (SCY): 34° 06.37' N, 118° 27.25' W; h = 287 m; Z SP; Telemetered to Pasadena since 9-16-71, with cooperation of U. S. Geol. Survey.

TINEMAHA (TIN): 37° 03.3' N, 118° 13.7' W; h = 1195 m; Z SP; N,E,Z LP; N,E WA; Operated since 9-4-29, with cooperation of Los Angeles Dept. Water and Power (Z SP telemetered to Pasadena 7-7-72 to 3-21-74; N, E, WA; telemetered to Pasadena 9-6-72 to 3-21-74).

TOPOLOBAMPO*[Mexico] (TPB): 25° 35.8' N, 109° 03.2' W; h = 25 m; Z SP; Operated since 8-8-72 in cooperation with Universidad Nacional Autonoma de Mexico, Comision Federal de Electricidad, and Univ. Calif. at San Diego. Received at Pasadena 8-8-72 to 8-20-73.

TURNBULL CANYON (TCC): 33° 59.67' N, 118° 00.77' W; h = 299 m; Z SP; Telemetered to Pasadena since 7-7-71 with cooperation of U. S. Geol. Survey.

TWENTYNINE PALMS (TPC): 34° 06.35' N, 116° 02.92' W; h = 720 m; Z SP; Telemetered to Pasadena since 5-5-72; Operated with cooperation of National Park Service.

TWIN LAKES (TWL): 34° 16.7' N, 118° 35.67' W; h = 390 m; Z SP; Telemetered to Pasadena since 11-1-71. N, E, Z LP; Telemetered to Pasadena since 2-12-74.

VILLA PARK DAM (VPD): 33° 48.96' N, 117° 45.73' W; h = 183 m; Z SP; Telemetered to Pasadena since 7-7-71, with cooperation of U. S. Geol. Survey. N, E, Z LP; Telemetered to Pasadena since 5-6-74.

WOODY (WDY): 35° 42.0' N, 118° 50.6' W; h = 500 m; Z SP; E WA; Operated from 8-5-52 to 8-27-70, with cooperation of Kern County Forestry and Fire Dept.

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*since September, 1973, all Mexican stations have been operated by the Centro de Investigaciones Cientificas y Educacion Superior de Ensenada, Baja California

Mojave Net:

BIG CHUCKWALLA MTS (BCM): 33° 39.32' N, 115° 26.88' W; h = 1135 m; Z SP telemetered to Pasadena 4-74 to 11-74.

BIG CHUCKWALLA MTS NO. 2 (BC2): 33° 39.42' N, 115° 27.67' W; h = 1185 m; Z SP telemetered to Pasadena since 11-74.

BIGHORN MTN (BHM): 34° 16.73' N, 116° 36.91' W; h = 1850 m; Z, N SP telemetered to Pasadena 4-74 to 11-74.

BIG MARIA MTS (BMM): 33° 45.40' N, 114° 35.14' W; h = 564 m; Z SP telemetered to Pasadena since 4-74.

BLACK PEAK (BPK): 34° 07.48' N, 114° 12.58' W; h = 504 m; Z SP telemetered to Pasadena since 4-74.

COPPER MTN (CPM): 34° 09.24' N, 116° 11.80' W; h = 937 m; Z SP telemetered to Pasadena since 6-74.

COXCOMB MTS (COX): 33° 52.35' N, 115° 19.68' W; h = 884 m; Z, N SP telemetered to Pasadena 4-74 to 11-74.

COXCOMB MTS NO. 2 (CO2): 33° 50.83' N, 115° 20.68' W; h = 276 m; Z SP telemetered to Pasadena since 11-74.

GRANITE PASS (GRP): 34° 48.26' N, 115° 36.27' W; h = 1238 m; Z SP telemetered to Pasadena since 4-74.

HIDALGO MTN (HDG): 34° 25.73' N, 116° 18.30' W; h = 1347 m; Z SP telemetered to Pasadena since 4-74.

INSPIRATION (INS): 33° 56.14' N, 116° 11.66' W; h = 1700 m; Z, N SP telemetered to Pasadena since 4-74.

IRON MTS (IRN): 34° 09.60' N, 115° 11.04' W; h = 980 m; Z SP telemetered to Pasadena since 9-74.

LEAD MTN (LED): 34° 28.06' N, 115° 56.19' W; h = 853 m; Z SP telemetered to Pasadena since 4-74.

LITTLE CHUCKWALLA MTS (LTC): 33° 29.34' N, 115° 04.20' W; h = 458 m; Z SP telemetered to Pasadena since 4-74.

LITTLE MARIA MTS (LTM): 33° 54.90' N, 114° 55.10' W; h = 744 m; Z SP telemetered to Pasadena since 4-74.

PINTO MTS (PNM): 33° 58.34' N, 115° 48.05' W; h = 1147 m; Z SP telemetered to Pasadena since 4-74.

PIUTE MTS (PIU): 34° 44.42' N, 115° 05.64' W; h = 1206 m; Z SP telemetered to Pasadena since 4-74.

RIMROCK (RMR): 34° 12.77' N, 116° 34.52' W; h = 1702 m; Z SP telemetered to Pasadena since 11-74.

RIVERSIDE MTS (RVS): 34° 02.08' N, 114° 31.08' W; h = 677 m; Z SP telemetered to Pasadena since 4-74.

SHEEPHOLE MTS (SHH): 34° 11.26' N, 115° 39.27' W; h = 1122 m; Z SP telemetered to Pasadena since 4-74.

SHIP MTS (SPM): 34° 28.32' N, 115° 24.16' W; h = 915 m; Z SP telemetered to Pasadena since 4-74; N SP telemetered 4-74 to 11-74.

TURTLE MTS (TTM): 34° 20.12' N, 114° 49.65' W; h = 1098 m; Z SP telemetered to Pasadena since 4-74; N SP telemetered 4-74 to 11-74.

WHIPPLE MTS (WHP): 34° 18.42' N, 114° 29.75' W; h = 606 m; Z SP telemetered to Pasadena 4-74 to 10-74.

WHIPPLE MTS NO. 2 (WH2): 34° 18.87' N, 114° 24.55' W; h = 1245 m; Z SP telemetered to Pasadena since 10-74.

EAGLE MTN (EAG): 33° 50.94' N, 115° 28.39' W; h = 366 m; Z SP telemetered to Pasadena since 11-74.

DEVIL CANYON (DVL): 34° 12.02' N, 117° 19.71' W; h = 598 m; Z SP telemetered to Pasadena since 12-74.

MILL CREEK (MLL): 34° 05.48' N, 116° 56.18' W; h = 1513 m; Z SP telemetered to Pasadena since 12-74.

Imperial Valley Net:

AMOS (AMS): 33° 08.48' N, 115° 15.25' W; h = 146 m; Z SP telemetered to Pasadena since 3-73.

BONDS CORNER (BON): 32° 41.67' N, 115° 16.11' W; h = 14 m; Z SP telemetered to Pasadena since 3-73.

BROCKS FARM (BCK): 32° 43.49' N, 115° 02.64' W; h = 43 m; Z SP telemetered to Pasadena since 3-73.

CARRIZO (CRR): 32° 53.18' N, 115° 58.10' W; h = 82 m; Z SP telemetered to Pasadena since 3-73.

CHOCOLATE MTS (COT): 33° 18.29' N, 115° 21.20' W; h = 293 m; Z SP telemetered to Pasadena since 3-73.

COACHELLA (COA): 32° 51.01 N, 115° 07.36' W; h = 35 m; Z SP telemetered to Pasadena since 3-73.

COOK RANCH (COK): 32° 50.95' N, 115° 43.61' W; h = -15 m; Z SP telemetered to Pasadena since 4-73.

INGRAM RANCH (ING): 32° 59.30' N, 115° 18.61' W; h = 2 m; Z SP telemetered to Pasadena since 3-73.

OBSIDIAN BUTTE (OBB): 33° 10.04' N, 115° 38.20' W; h = -61 m; Z SP telemetered to Pasadena since 4-73.

PILOT KNOB (PLT): 32° 43.87' N, 114° 43.76' W; h = 61 m; Z SP telemetered to Pasadena since 3-73.

RUTHVEN (RUN): 32° 58.33' N, 114° 58.63 W; h = 151 m; Z SP telemetered to Pasadena since 3-73.

SIGNAL MTN (SGL): 32° 38.95' N, 115° 43.92' W; h = 104 m; Z SP telemetered to Pasadena since 3-73.

SAN LUIS (SLU): 32° 30.10' N, 114° 46.64' W; h = 41 m; Z SP telemetered to Pasadena since 3-73.

SCHAFFNER RANCH (SNR): 32° 51.71' N, 115° 26.21' W; h = -29 m; Z SP telemetered to Pasadena since 3-73.

SUPERSTITION MTN (SUP): 32° 57.31' N, 115° 49.43' W; h = 221 m; Z SP telemetered to Pasadena since 3-73.

WIEST LAKE (WLK): 33° 03.08' N, 115° 29.44' W; h = -44 m; Z SP telemetered to Pasadena since 3-73.

IMPERIAL VALLEY HOSPITAL (HSP): 32° 44.81' N, 115° 33.71' W; h = -6 m; Z SP telemetered to Pasadena since 1-74.

KUBBER RANCH (KUB): 32° 41.21' N, 115° 34.86' W; Z SP telemetered to Pasadena 1-74 to 1-75.

CEMETARY (CEM): 32° 42.96 N, 115° 30.07 W; Z SP telemetered to Pasadena 1-74 to 1-75.

Santa Barbara and Point Mugu Nets: These stations are recorded at the National Earthquake Research Center, Menlo Park, California. Arrival times are occasionally used by the Seismological Laboratory for epicenter determination.

ANACAPA IS (SBAI): 34° 00.80' N, 119° 26.23' W; h = 113 m

COLSON CANYON (SBCC): 34° 56.48' N, 120° 10.32' W; h = 610 m

CASITAS DAM (SBCD): 34° 22.12' N, 119° 20.16' W; h = 213 m

LA CUMBRE PEAK (SBLC): 34° 29.79' N, 119° 42.81' W; h = 1190

LAGUNA PEAK (SBLG): 34° 06.57' N, 119° 03.85' W; h = 415

LOMPOC (SBLP): 34° 33.62' N, 120° 24.03' W; h = 134 m

SANTA CRUZ IS (SBSC): 33° 59.68' N, 119° 37.99' W; h = 457

SAN MIGUEL IS (SBSM): 34° 02.25' N, 120° 20.99' W; h = 172 m

SAN NICOLAS IS (SBSN): 33° 14.70' N, 119° 30.40' W; h = 259 m

SADDLE PEAK (SAD): 34° 04.87' N, 118° 39.9' W

CAMARILLO HILLS (CAM): 34° 15.27' N, 119° 02.00' W

CANEJO PEAK (CJP): 34° 10.92' N, 118° 59.19' W

CLARKS PEAK (CLP): 34° 05.33' N, 118° 57.85' W

EGG RANCH (EGG): 34° 07.95' N, 119° 08.82' W

KEY POINT (KYP): 34° 06.11' N, 118° 52.77' W

OCEAN BOTTOM (OCB): 34° 02.20' N, 119° 01.01' W

POINT DUME (PTD): 34° 00.25' N, 118° 48.38' W

SIMI PEAK (SIP): 34° 12.25' N, 118° 47.92' W

SULFUR RIDGE (SUF): 34° 24.58' N, 119° 12.15' W

ECHO FALLS (ECF): 34° 27.48' N, 119° 05.44' W

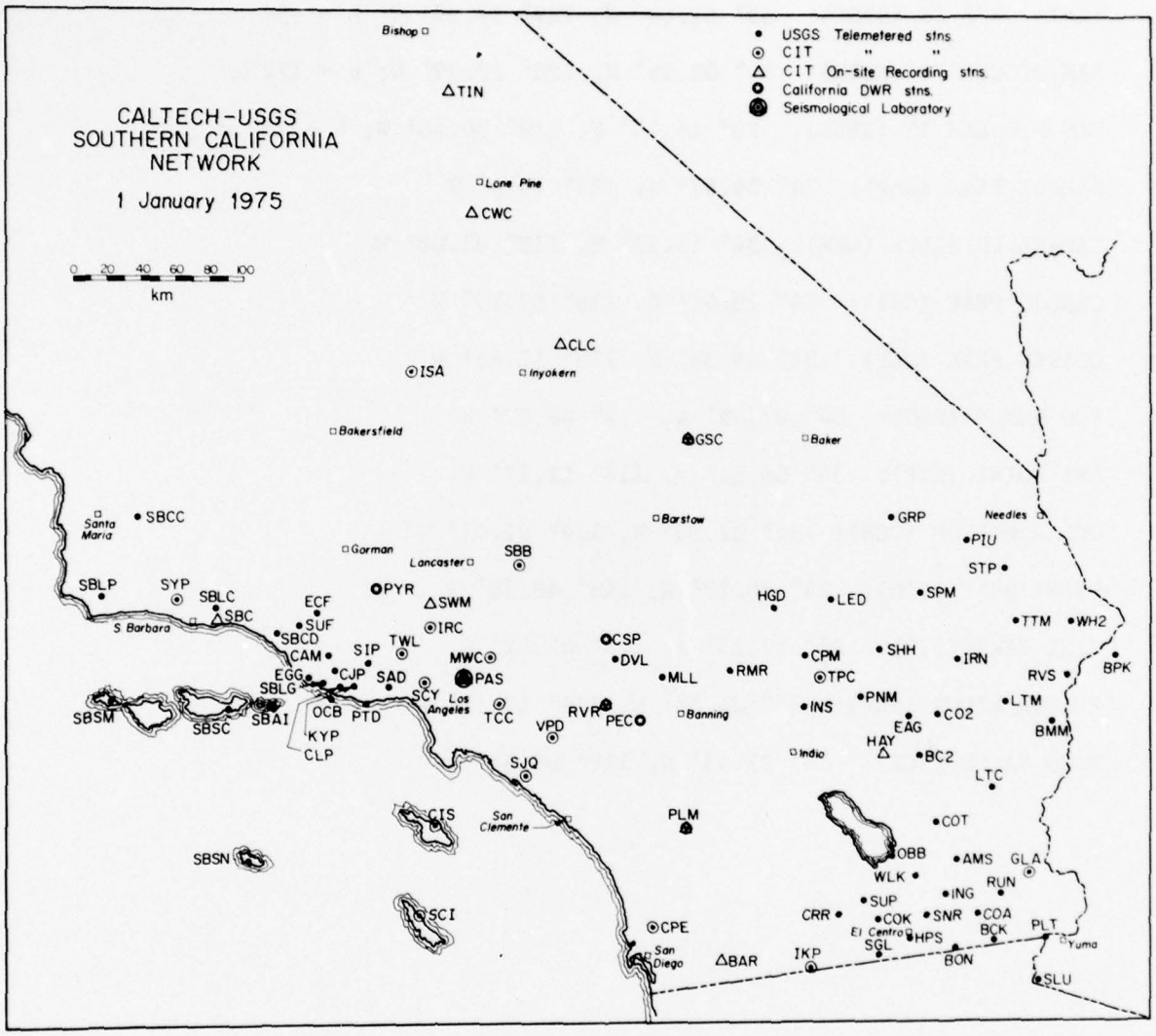


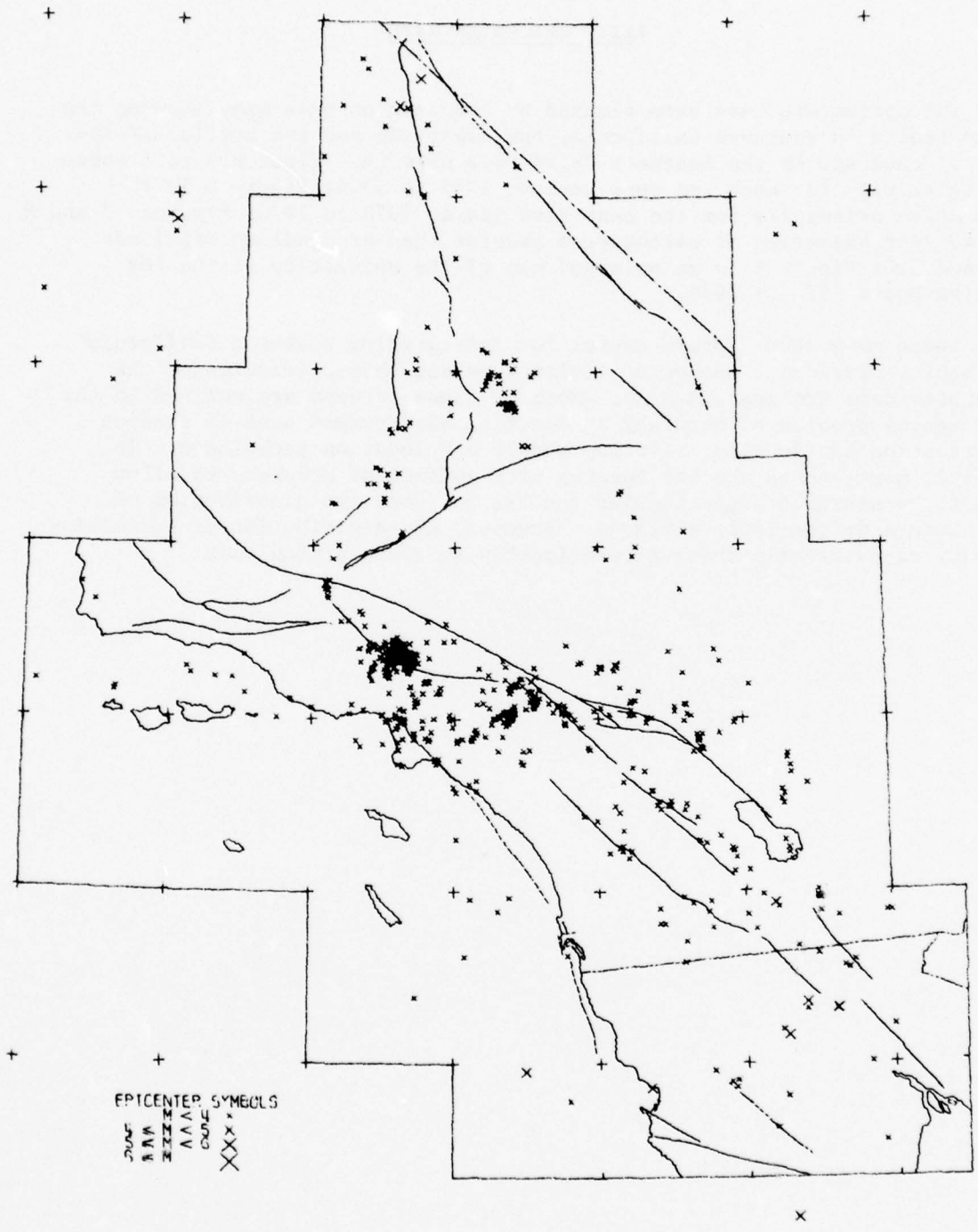
Figure 2

Southern California Seismic Network

III. EPICENTER MAPS

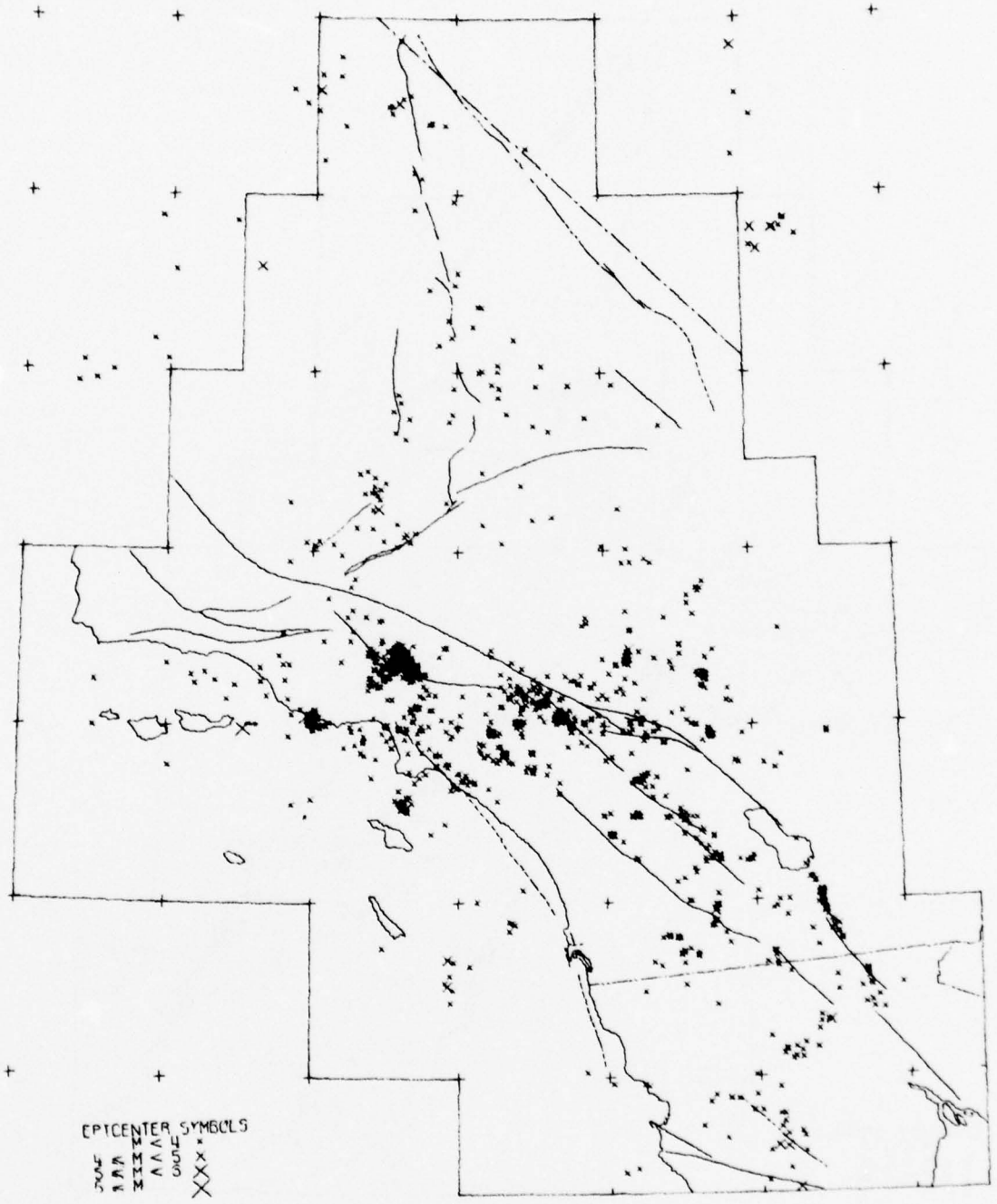
The epicenters have been plotted by computer on base maps showing the major faults in southern California, the coastline and the outline of the area of coverage by the Southern California network. Figures 3 to 5 shows the seismicity for each one year period, 1972 to 1974; Figure 6 is the cumulative seismicity for the past five years, 1970 to 1974; Figures 7 and 8 are 43 year summaries of earthquakes greater than or equal to magnitude 4.0 and 5.0; Figure 9 is an enlarged map of the seismicity of the Los Angeles basin 1970 to 1974.

These maps should prove useful for interpreting southern California seismicity provided a number of limitations and characteristics of the epicenter data are kept in mind. Most of these effects are related to the fundamental problem of accuracy in locating earthquakes such as station distribution and density, velocity models and location techniques. In general, most events are not located with sufficient accuracy to allow them to be assigned to particular faults, nor does the distribution of hypocenters define fault surfaces. However, the distribution of seismicity in many cases clearly shows a relationship to zones of faulting.



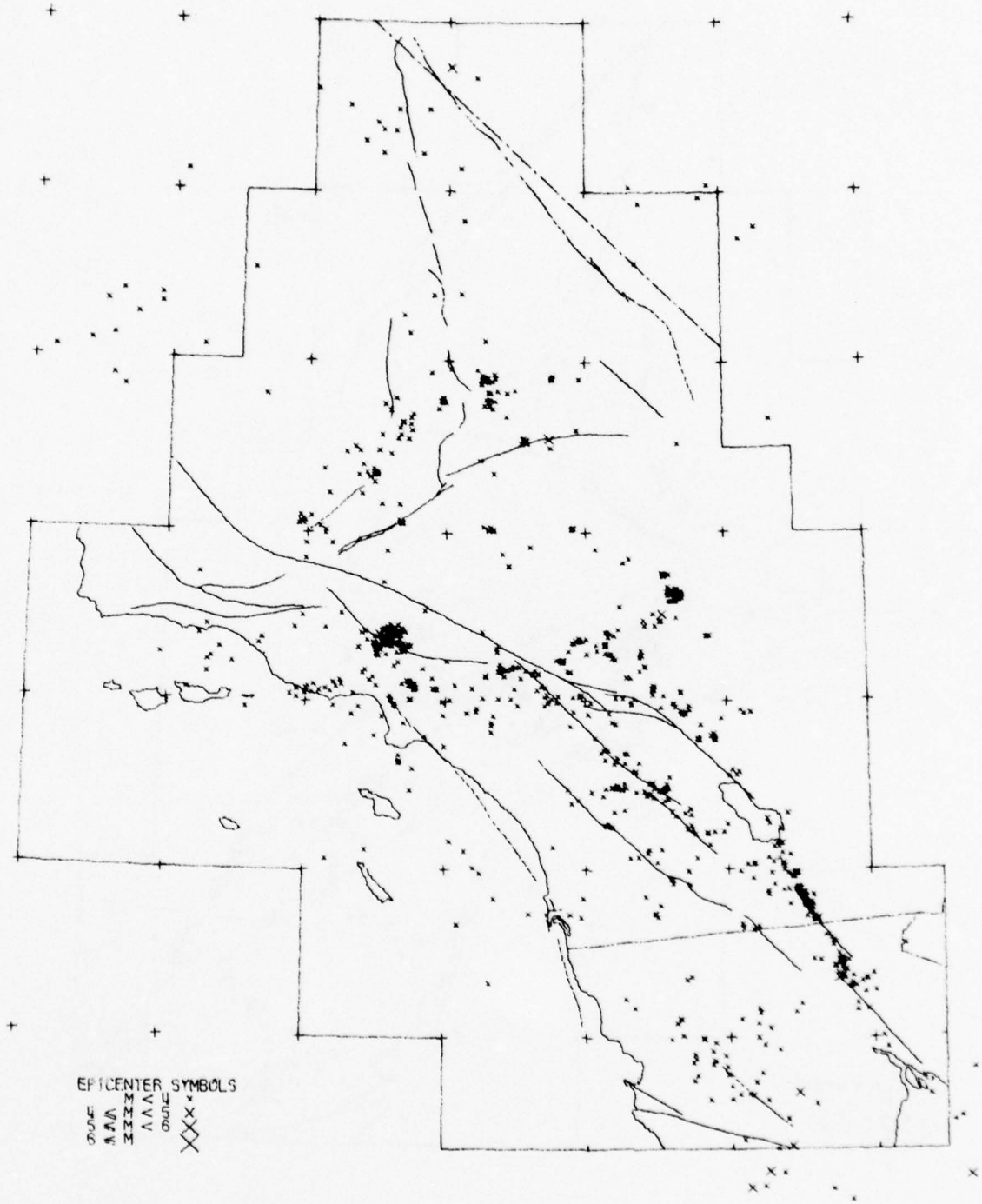
1972 ALL EVENTS

Figure 3



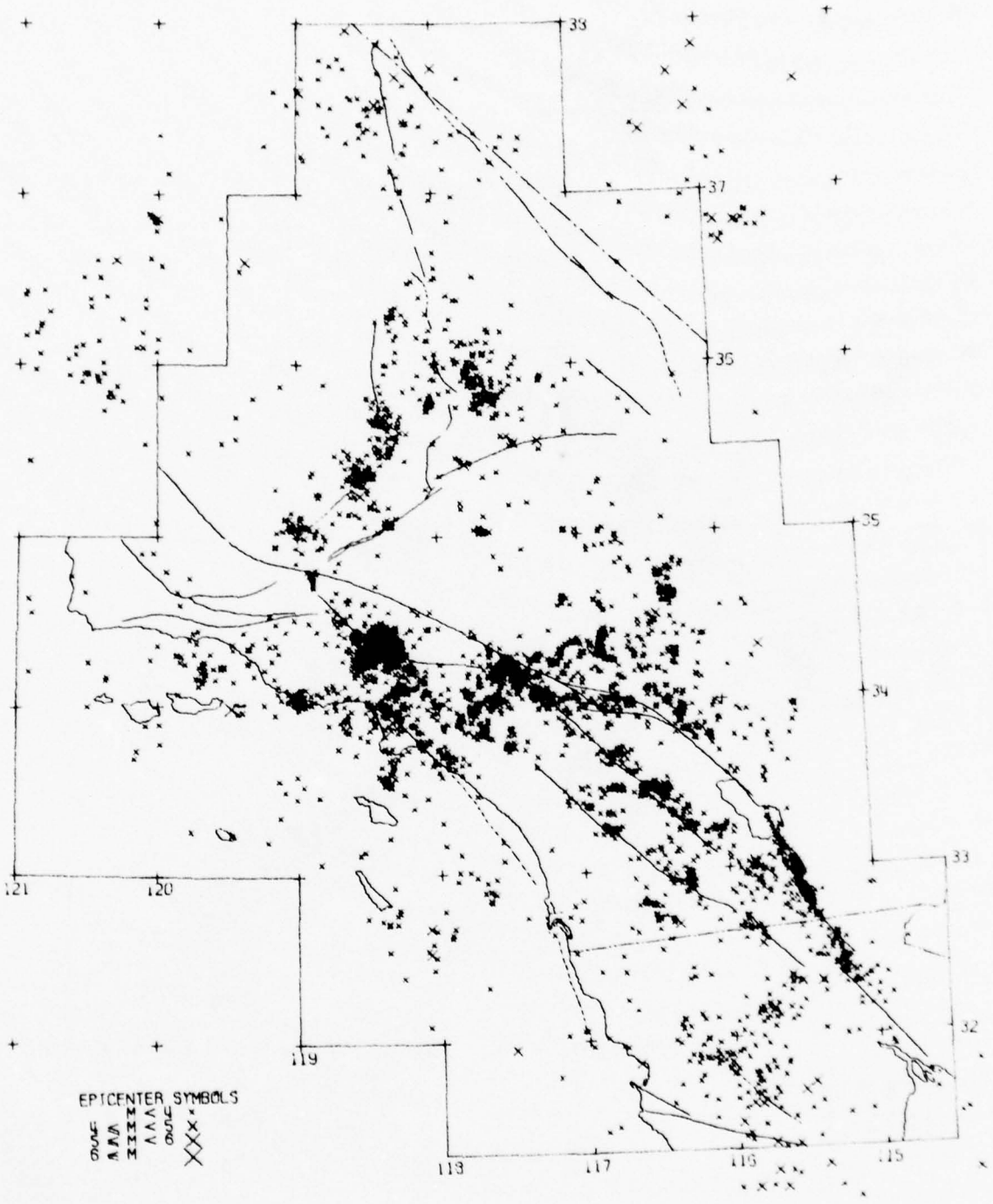
1973 ALL EVENTS

Figure 4



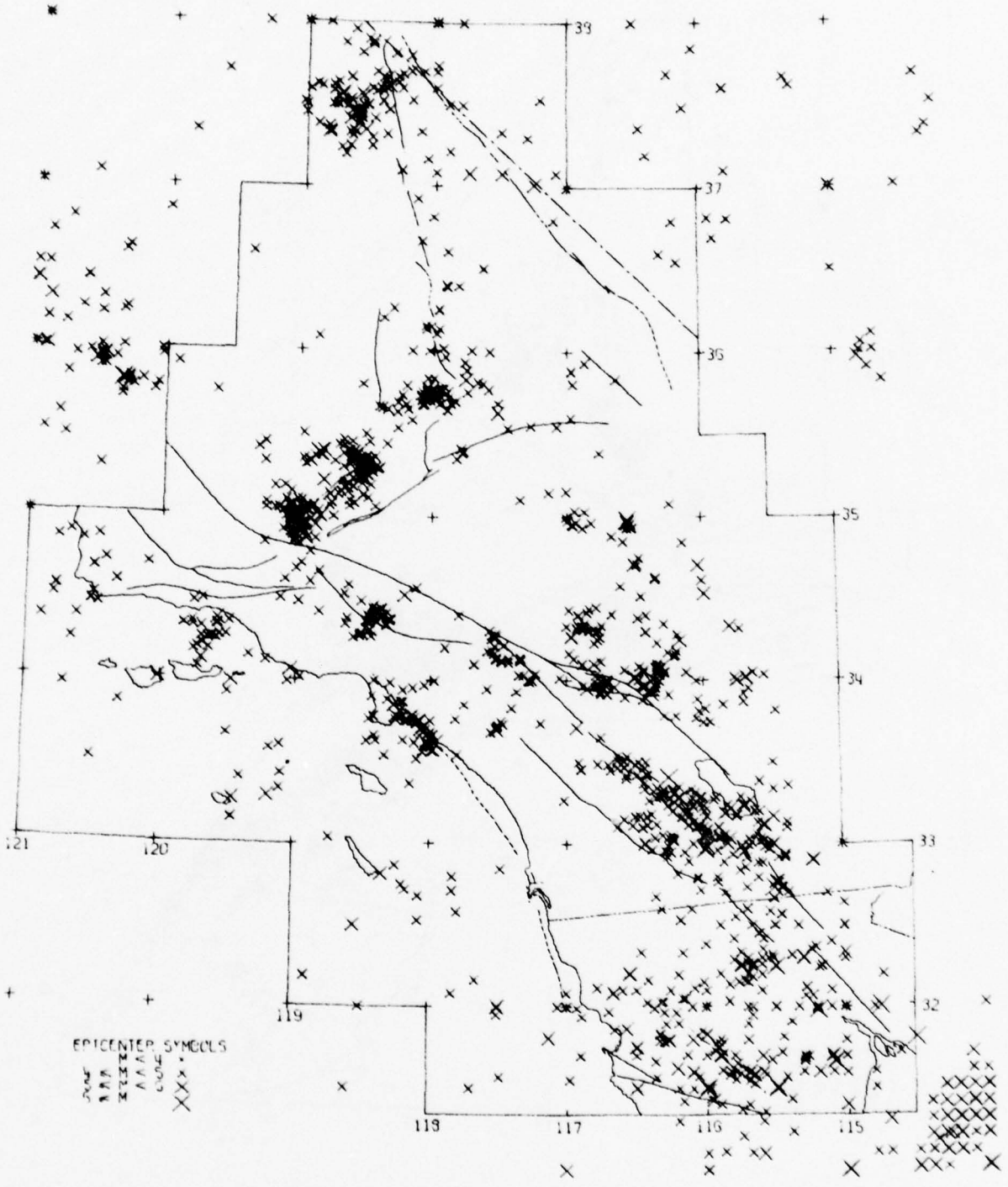
1974 ALL EVENTS

Figure 5



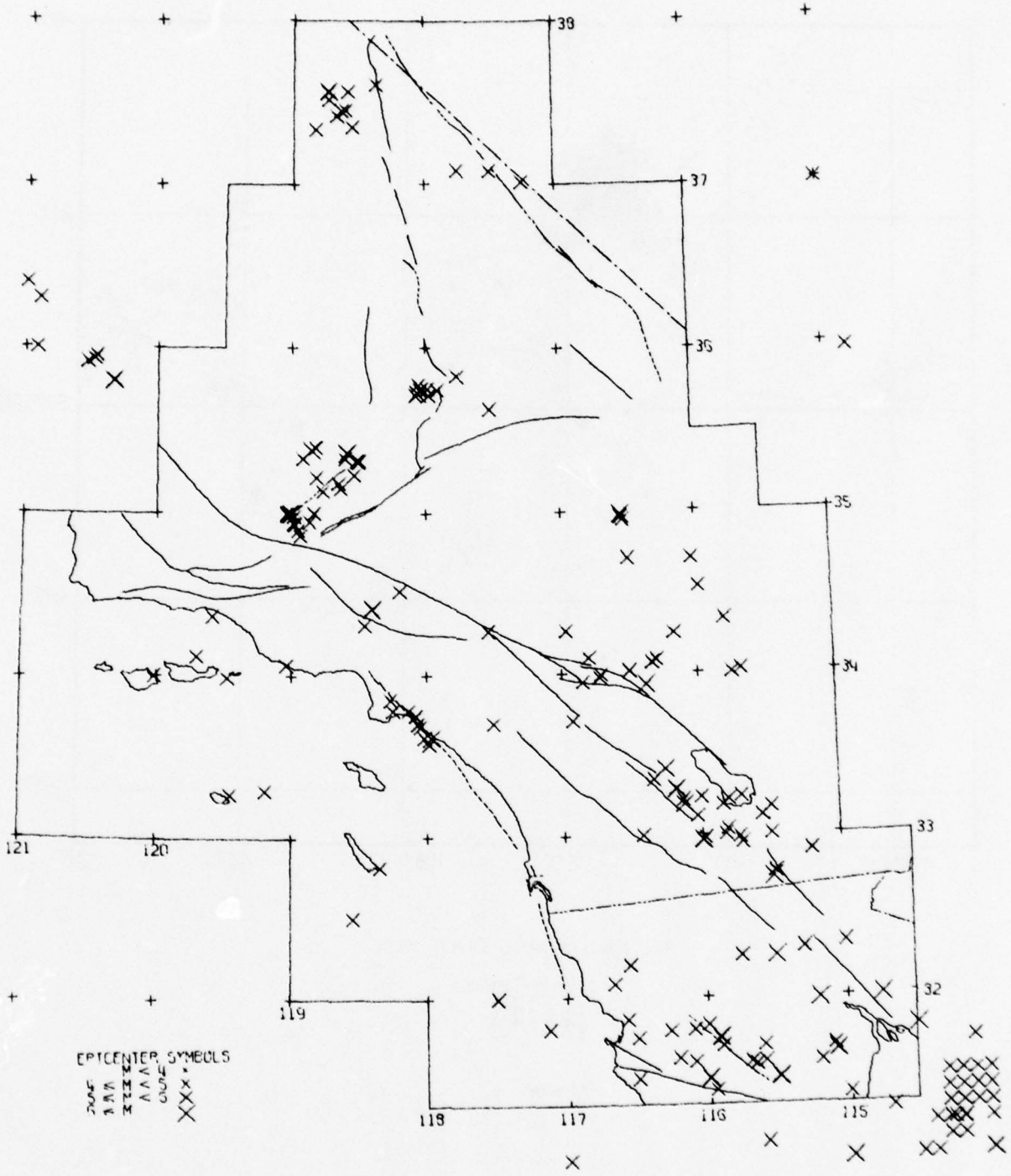
ALL EVENTS 1970 - 1974

Figure 6



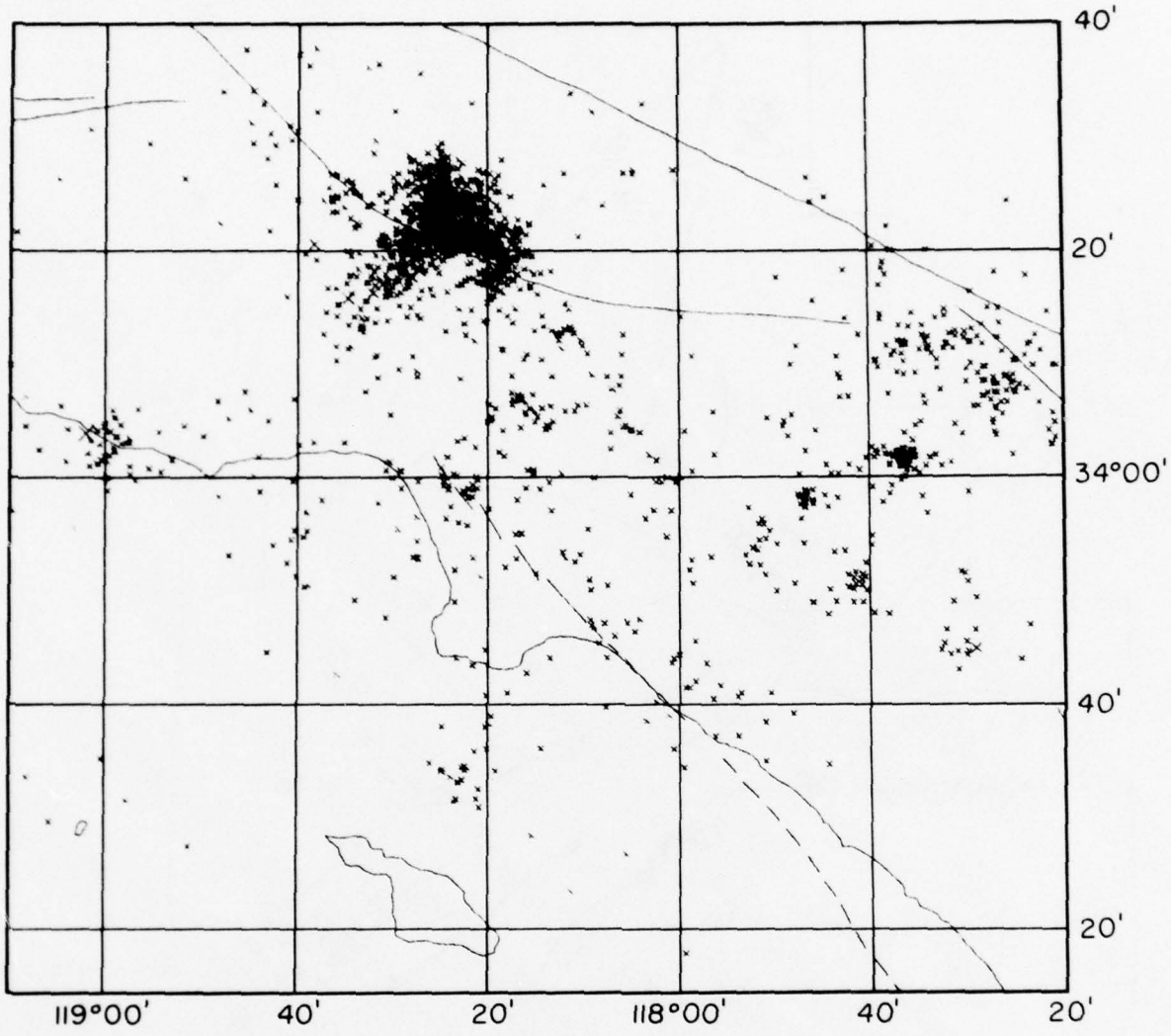
1932 THROUGH 1974 ALL EVENTS EQUAL OR GREATER THAN MAGNITUDE 4

Figure 7



1932 THROUGH 1974 ALL EVENTS EQUAL OR GREATER THAN MAGNITUDE 5

Figure 8



LOS ANGELES AREA, 1971 - 1974

EPICENTER SYMBOLS

Figure 9.

IV. ERRATA

The following are corrections to Seismicity of the Southern California Region 1 January 1932 to 31 December 1972 by Hileman et al. (1972).

p. 6; SAN NICOLAS (SNC) 33° 58.8' N should read 33° 14.9' N

p. 7; WOODY (WDY) 34° 42.0' N should read 35° 42.0' N; Operated from 8-5-52 to 8-27-50 should read to 8-27-70

p. 11; Map should include 1941 Casa Diablo Mountain earthquake (mag. 6.0), coordinates 37° 34.0' N 118° 44.0' W

p. 80; Quadrangle 34° 00' N 119° 30' W Santa Cruz (NW) should read Santa Cruz (NE)
Quadrangle 34° 30' N 119° 15' W Peyes Peak should read Reyes Peak
This error is repeated throughout catalog.

Events missing or incorrect:

PAGE	YEAR	MO	DA	H	M	S	LAT-N	LONG-W	Q	MAG	DEP	S	QUADRANGLE
A-3	1932	3	31	18	42	10.0	34 50.0	116 20.0	D	2.5	0.0		CADY MTNS
A-17	1933	12	8	4	37	0.0	32 30.0	115 36.0	D	4.0	0.0		HEBER
A-380	1971	6	22	9	53	59.2	34 37.0	118 20.3	C	2.5	2.0		SAN FERNANDO
A-384	1971	9	30	22	46		FELT IMPERIAL AND COACHELLA VALLEYS						
B-6	1971	9	30	22	46	11.3	33 02.0	115 49.2	B	5.1	8.0	R	KANE SPRINGS

V. REFERENCES

Hileman, J. A., C. A. Allen, and J. M. Nordquist (1973). Seismicity of the Southern California Region 1 January 1932 to 31 December 1972, Contribution No. 2385, Division of Geological and Planetary Sciences, California Institute of Technology.

Kanamori, H., and D. Hadley (1975). Crustal structure and temporal velocity change in southern California, Pure Appl. Geophys., 113, 257-380.

Lee, W. H. K., and J. C. Lahr (1975). HYPO71 (Revised), USGS Open File Report 75-311.

VI. EARTHQUAKE CATALOG

The catalog of earthquakes that follows is divided into two parts. The first part, pages A-1 to A-63 is a chronological listing of all earthquakes that occurred in southern California between 1 January 1972 and 31 December 1974. The second part, page B-1, is the same catalog limited to events 5.0 and greater. In using this catalog readers should note the following column-heading explanations:

DA H M S: These columns give the date, hour, minute, and second of the origin time of the earthquake, in Greenwich Civil Time (GCT). Pacific Standard Time can be obtained by subtracting 8 hours from the given time, Pacific Daylight time by subtracting 7 hours. Note that this may change the date.

LAT N LONG W: Latitude and longitude of the epicenter, in degress, minutes, and decimal parts of minutes.

Q: Quality of the epicentral determination, which varies depending on how well the earthquake was recorded and where it occurred relative to network stations.

A = specially investigated (usually with portable seismographs)
B = epicenter probably within 5 km, origin time to nearest second
C = epicenter probably within 15 km, origin time to a few seconds
D = epicenter not known within 15 km, rough location

MAG: Magnitude (M_L) determined by average of magnitude determinations from Wood-Anderson seismographs at some or all of the following stations: BAR, CWC, GLA, PAS, RVR, SBC, SWM, TIN. For earthquakes in some parts of the region, supplementary magnitude data have been obtained from calibrated vertical instruments.

DEPTH: Depth in kilometers (+ is down). An asterisk (*) in this column indicates that the hypocenter solution was at -2.0 km or above. Where an R appears in the following column, the depth was restricted to the figure given. Generally, depth can not be computed to the same accuracy as the epicenter because there is often little control on this parameter in the computer solution.

S: Source

No entry = Caltech solution
B = University of California, Berkeley
E = ESSA (USCGS, NOAA)
G = USGS
R = Caltech computer solution in which focal depth was restricted to that given in previous column.

QUADRANGLE: This is the 15' USGS quadrangle map sheet in which the epicenter lies, the name usually having been derived from the most prominent geographical feature of the area. In Mexico, names have arbitrarily been assigned to 30' quadrangles, and names for all quandrangles within the entire region (including offshore) are given on the four index maps that follow (Figs. 65a,b,c,d).

COMMENTS: Comments generally refer to felt earthquakes, and information results either from telephone calls to the Laboratory or from the NOAA (ESSA, USCGS) published reports. Roman numerals are intensities on the Modfied Mercalli scale of 1931.

SYMBOLS ON RIGHT MARGIN:

M = Mexico
A = Arizona
N = Nevada
* = California, but outside of area for which Caltech locates earthquakes on a routine basis (i.e., outside of the heavy line on Fig. 1).

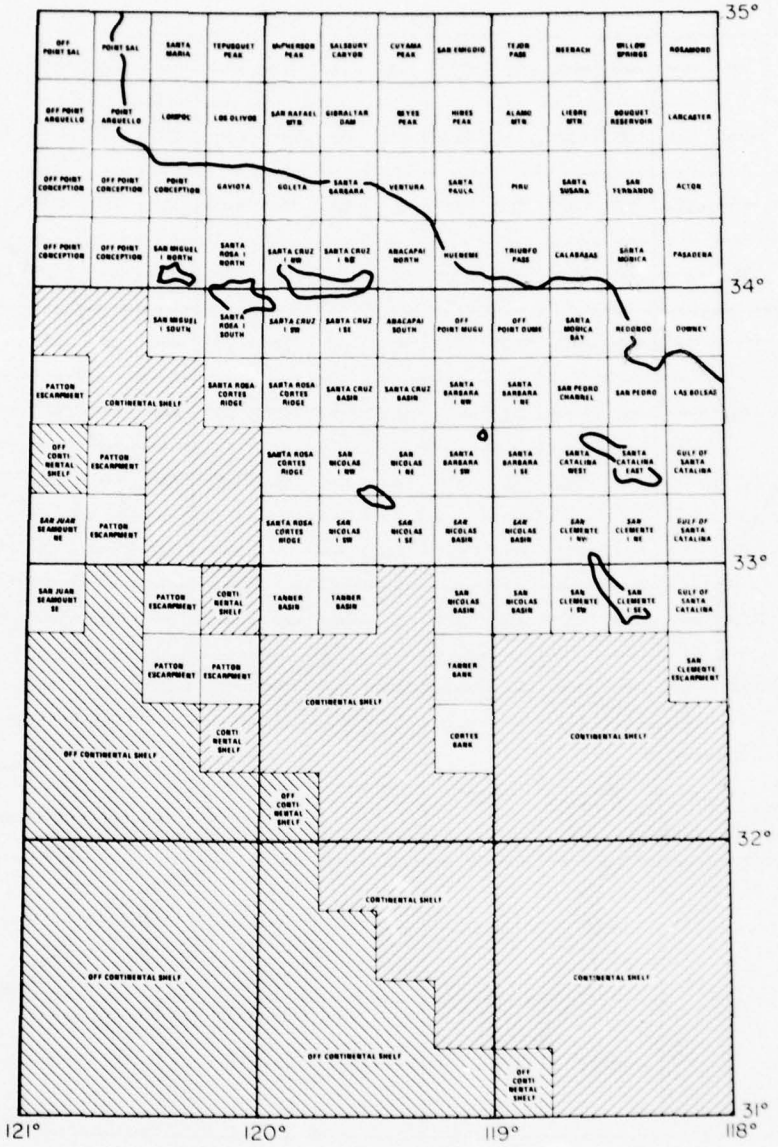


Figure 10a. Index map of quadrangle names used in the catalog listing of epicenter locations. Heavy lines are coastlines or geographical boundaries. The names correspond to the usage of the USGS topographic map 15-minute series, wherever possible. Quadrangle names have been assigned arbitrarily in Mexico.

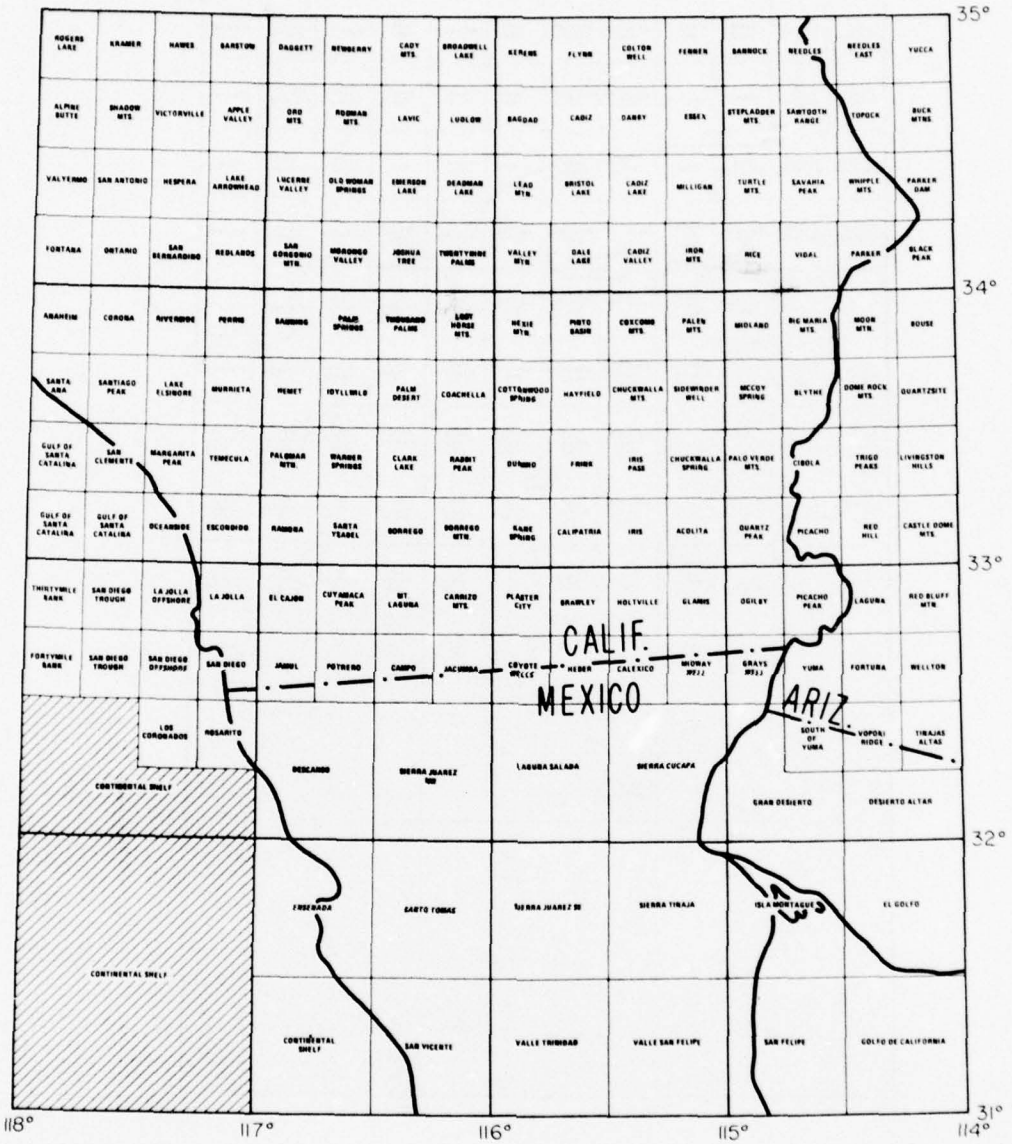


Figure 10b. Index map of quadrangle names as in Figure 10a.

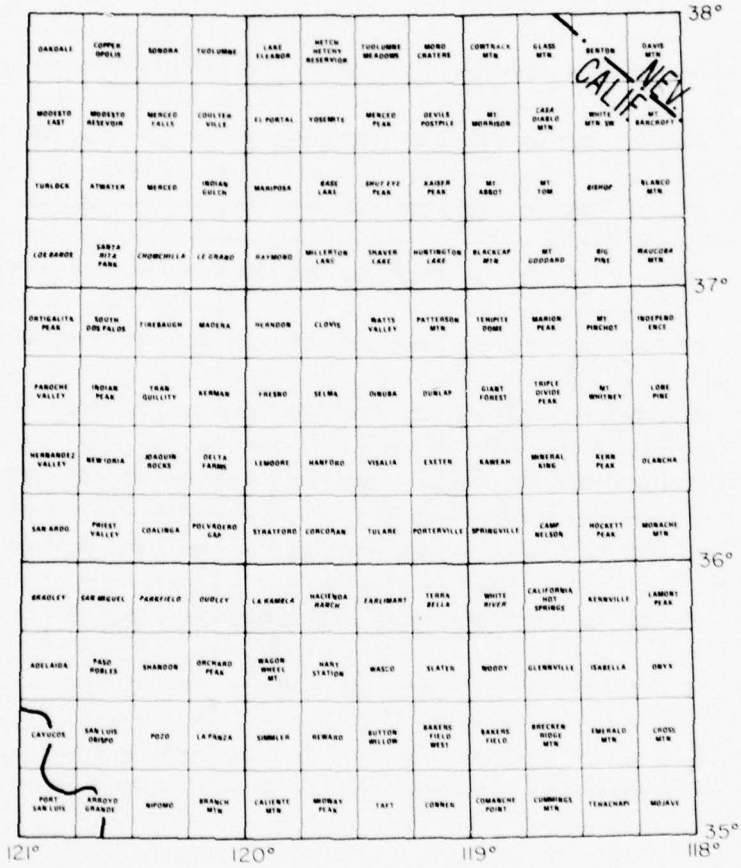


Figure 10c. Index map of quadrangle names as in Figure 10a.

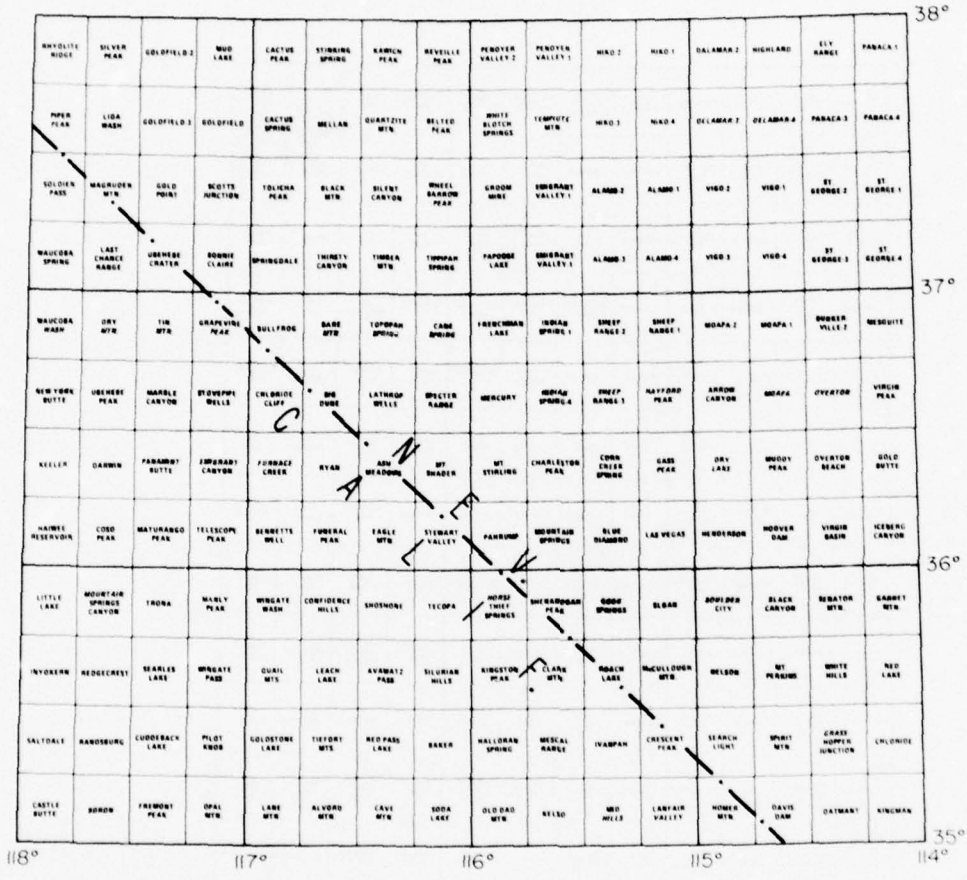


Figure 10d. Index map of quadrangle names as in Figure 10a.

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
1	14	37	30.0	34 18.1	118 20.7	C	1.7	9.7		SAN FERNANDO	
2	4	47	10.9	34 9.6	116 43.1	B	2.8	8.0	R	MORONGO VALLEY	
6	2	59	33.6	34 19.5	118 18.0	C	2.5	0.1		SAN FERNANDO	
6	8	4	1.1	34 20.4	118 25.1	C	1.7	4.8		SAN FERNANDO	
6	10	10	35.3	35 42.4	118 19.3	B	3.6	8.0	R	ISABELLA	
	FELT ISABELLA										
6	10	32	59.9	34 20.7	118 23.5	B	1.7	3.4		SAN FERNANDO	
6	16	26	52.9	34 10.1	117 24.6	A	2.8	8.0	R	SAN BERNARDINO	
7	4	8	25.3	33 15.8	116 50.3	B	3.4	11.7		PALOMAR MTN	
9	4	25	24.3	31 53.8	116 6.9	C	3.6	8.0	R	SANTO TOMAS	M
10	0	53	7.4	34 23.5	118 24.1	D	1.7	5.0		SAN FERNANDO	
11	1	34	11.8	33 52.4	116 18.1	B	3.1	8.0	R	THOUSAND PALMS	
11	1	47	33.6	33 48.7	116 20.3	B	3.5	8.0	R	THOUSAND PALMS	
11	1	56	22.1	33 49.3	116 16.2	B	2.5	8.0	R	THOUSAND PALMS	
11	2	17	9.1	33 49.7	116 17.0	B	3.4	8.0	R	THOUSAND PALMS	
11	4	23	43.5	33 53.3	116 17.6	B	3.7	8.0	R	THOUSAND PALMS	
11	6	13	43.8	33 54.6	116 18.6	B	3.5	8.0	R	THOUSAND PALMS	
11	6	15	10.6	33 50.1	116 17.5	B	3.0	8.0	R	THOUSAND PALMS	
11	10	9	55.8	34 21.1	118 24.0	C	1.7	5.0		SAN FERNANDO	
11	18	0	4.2	34 21.0	118 24.1	D	1.7	4.5		SAN FERNANDO	
12	12	31	9.6	32 55.9	115 47.9	C	4.0	0.0	R	PLASTER CITY	
14	18	59	56.9	34 23.7	118 18.6	C	1.7	5.7		SAN FERNANDO	
16	11	58	56.3	37 31.4	118 50.0	C	3.5	8.0	R	MT MORRISON	
17	5	49	56.4	34 9.3	120 22.5	C	3.2	8.0	R	SAN MIGUEL I NORTH	
17	9	10	36.0	34 10.1	120 22.1	C	2.5	8.0	R	SAN MIGUEL I NORTH	
19	1	59	42.8	32 9.6	115 43.4	B	4.0	8.0	R	LAGUNA SALADA	M
20	18	15	39.4	34 26.9	118 29.2	B	3.1	12.0		SAN FERNANDO	
	FELT SAN FERNANDO AREA										
20	22	34	46.6	34 19.9	118 23.3	C	1.7	3.1		SAN FERNANDO	
22	2	57	18.5	37 41.1	118 15.8	C	4.6	8.0	R	WHITE MTN SW	
24	6	4	24.6	34 16.9	116 53.3	A	2.7	8.0	R	LUCERNE VALLEY	
24	7	25	7.7	34 18.8	116 52.0	A	2.6	8.0	R	LUCERNE VALLEY	
24	13	30	57.7	36 46.5	115 40.9	C	3.2	8.0	R	INDIAN SPRING-1	* N
24	21	20	27.2	31 37.5	115 48.4	C	3.8	8.0	R	SIERRA JUAREZ SE	M
25	4	13	40.1	34 20.8	118 28.9	B	2.5	8.0	R	SAN FERNANDO	
25	17	16	47.6	34 19.8	118 33.4	C	2.2	8.0	R	SANTA SUSANA	
26	0	0	30.4	32 56.4	116 14.2	A	3.3	8.0	R	CARRIZO MTN	
26	3	33	18.6	34 22.7	118 24.1	B	2.5	2.4		SAN FERNANDO	
26	12	51	2.5	36 15.3	118 12.4	A	2.5	8.0	R	OLANCHA	
26	14	56	23.5	36 6.5	117 46.5	B	2.5	8.0	R	HAIWEE RESERVOIR	
28	17	0	21.4	34 20.0	116 9.0	B	3.7	0.7		DEADMAN LAKE	
29	10	12	22.7	33 52.9	116 18.3	B	3.5	8.0	R	THOUSAND PALMS	
29	10	57	4.7	33 52.3	116 18.1	B	2.9	8.0	R	THOUSAND PALMS	
31	1	46	58.0	31 51.8	116 4.8	C	3.3	8.0	R	SANTO TOMAS	M
31	1	55	4.2	34 18.7	116 52.8	B	4.0	8.0	R	LUCERNE VALLEY	
	FELT BIG BEAR SAN BERNARDINO RIVERSIDE										

A-2

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
2	16	56	26.2	34 24.5	118 26.0	A	3.7	11.7		SAN FERNANDO
	FELT SAN FERNANDO REGION									
5	8	25	26.4	34 20.2	118 25.1	B	2.5	8.0	R	SAN FERNANDO
6	6	48	45.4	34 21.5	118 31.0	B	2.4	8.0	R	SANTA SUSANA
8	2	49	11.8	34 24.2	118 24.7	A	3.6	9.1		SAN FERNANDO
	FELT SAN FERNANDO REGION									
9	2	25	48.5	34 20.9	118 19.8	C	2.5	2.8		SAN FERNANDO
9	6	28	33.4	34 20.5	118 23.5	C	2.0	2.8		SAN FERNANDO
10	3	22	12.2	34 28.4	118 24.1	C	1.7	5.0		SAN FERNANDO
10	3	48	51.5	34 26.1	118 34.2	D	2.4	5.0		SANTA SUSANA
11	20	55	13.5	34 19.5	118 19.6	D	2.3	5.5		SAN FERNANDO
12	8	58	0.6	34 23.5	118 21.1	D	2.5	8.4		SAN FERNANDO
12	22	36	38.3	35 40.0	118 28.0	B	2.7	8.0	R	ISABELLA
13	14	24	56.8	31 53.0	115 4.5	C	3.9	8.0	R	SIERRA TINAJA
15	19	28	22.4	34 27.4	118 26.3	B	2.5	-1.6		SAN FERNANDO
16	4	27	50.7	35 21.2	118 29.6	B	2.9	8.0	R	EMERALD MTN
16	23	50	38.6	34 46.0	120 36.9	C	3.3	8.0	R	POINT SAL
17	7	55	32.6	37 10.9	117 33.8	A	3.2	8.0	R	LAST CHANCE RANGE
17	11	9	59.5	37 31.2	118 24.9	B	4.0	8.0	R	WHITE MTN SW
17	15	54	30.1	34 2.6	116 28.2	B	3.4	8.0	R	JOSHUA TREE
17	17	52	10.6	34 23.5	118 26.4	C	1.7	9.8		SAN FERNANDO
19	0	26	49.7	34 22.0	119 27.8	B	2.8	8.0	R	VENTURA
19	4	25	38.9	34 24.2	118 27.9	A	2.7	10.2		SAN FERNANDO
20	13	48	32.3	33 29.9	116 36.0	D	1.7	16.3		WARNER SPRINGS
21	8	57	5.4	34 20.9	118 22.3	D	1.7	5.0		SAN FERNANDO
21	9	2	23.6	34 23.7	118 21.6	C	1.7	1.9		SAN FERNANDO
23	14	43	42.9	33 51.9	118 23.4	B	2.4	*		REDONDO
	FELT TORRANCE MANHATTAN BEACH HAWTHORNE									
25	7	43	38.2	33 57.5	118 23.9	C	1.7	0.8		REDONDO
25	9	55	39.5	34 23.0	118 24.1	C	1.7	9.9		SAN FERNANDO
25	19	6	55.0	34 25.9	118 25.9	A	3.8	13.3		SAN FERNANDO
	FELT SAN FERNANDO PASADENA LOS ANGELES									
26	1	12	48.9	34 22.9	118 16.7	A	2.8	3.1		SAN FERNANDO
27	6	5	39.3	34 19.8	118 27.6	C	1.7	3.6		SAN FERNANDO
27	22	13	53.4	34 17.8	118 28.2	C	1.7	8.4		SAN FERNANDO
28	4	37	15.2	34 22.1	118 23.6	B	1.7	9.8		SAN FERNANDO
29	21	0	21.5	32 47.0	115 55.9	C	3.3	8.0	R	PLASTER CITY
	MAR, 1972									
1	3	56	46.0	34 23.5	118 24.1	D	1.7	8.8		SAN FERNANDO
1	7	49	37.1	33 24.6	117 0.4	B	3.0	8.0	R	TEMECULA
2	5	2	0.4	34 1.4	118 30.6	C	2.1	4.9		CALABASAS
2	10	9	57.5	33 44.1	118 23.2	C	1.7	0.2		SAN PEDRO
4	1	55	25.0	35 53.8	117 48.5	B	3.2	8.0	R	LITTLE LAKE
4	15	29	20.9	33 13.4	116 55.5	B	3.5	8.0	R	RAMONA
5	19	15	29.5	34 23.2	118 25.4	C	1.7	5.2		SAN FERNANDO
6	5	4	34.8	34 21.2	118 23.3	C	1.7	4.1		SAN FERNANDO
6	7	33	35.3	33 37.3	117 53.7	C	1.7	5.7		SANTA ANA
6	12	59	40.1	35 40.3	118 21.3	A	2.8	8.0	R	ISABELLA
6	13	14	48.9	35 38.7	118 26.9	B	2.9	8.0	R	ISABELLA

A-3

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
6	23	37	54.8	35 0.3	118 49.0	B	3.0	8.0	R	COMANCHE POINT	
7	0	10	32.7	34 55.8	118 51.4	B	2.6	8.0	R	TEJON PASS	
9	1	23	53.4	34 22.6	118 22.8	C	1.7	7.3		SAN FERNANDO	
9	3	27	29.3	33 43.5	118 21.5	C	2.5	5.0		SAN PEDRO	
9	13	46	56.8	34 21.4	118 24.6	B	1.7	7.8		SAN FERNANDO	
9	17	28	45.8	37 24.3	118 31.4	C	3.0	0.0	R	MT TOM	
11	17	8	58.4	34 21.6	118 23.7	B	1.7	6.0		SAN FERNANDO	
11	20	33	5.6	32 23.2	118 16.1	C	3.4	8.0	R	CONTINENTAL SHELF	
12	3	23	35.2	34 22.4	118 25.6	B	2.7	7.5		SAN FERNANDO	
13	11	21	29.6	34 18.1	118 25.1	C	2.1	5.7		SAN FERNANDO	
13	22	24	59.3	37 13.4	118 58.0	C	3.0	8.0	R	BLACKCAP MTN	
14	20	47	9.7	34 21.8	118 16.7	C	1.7	8.5		SAN FERNANDO	
15	7	22	53.3	34 20.1	118 23.0	C	1.7	1.5		SAN FERNANDO	
15	13	33	11.4	34 12.6	118 12.5	D	1.7	2.0		PASADENA	
17	0	29	1.3	32 21.3	115 35.6	B	4.5	8.0	R	LAGUNA SALADA	M
	FELT EL CENTRO										
17	19	48	8.1	34 0.1	117 9.9	A	3.0	8.0	R	REDLANDS	
	FELT RIVERSIDE										
18	0	16	25.9	34 20.4	118 28.2	D	1.7	5.6		SAN FERNANDO	
18	6	30	35.7	34 23.5	118 24.1	D	1.7	5.0		SAN FERNANDO	
18	16	13	23.5	34 21.6	118 23.9	B	1.7	8.0		SAN FERNANDO	
19	11	19	43.9	34 23.5	118 22.4	D	1.7	0.3		SAN FERNANDO	
21	1	21	13.9	36 1.1	117 35.4	B	3.4	8.0	R	COSO PEAK	
21	8	48	7.8	34 23.5	118 24.4	C	1.7	9.4		SAN FERNANDO	
22	12	54	3.9	34 2.5	117 14.9	B	2.6	8.0	R	REDLANDS	
	FELT RIVERSIDE										
23	6	35	56.0	34 25.8	118 24.9	A	2.6	6.1		SAN FERNANDO	
23	12	1	17.4	34 22.3	118 18.1	D	1.7	5.0		SAN FERNANDO	
23	16	1	0.4	32 57.9	117 37.2	B	3.2	8.0	R	SAN DIEGO TROUGH	
24	3	36	5.9	35 45.2	118 2.1	B	2.9	8.0	R	LAMONT PEAK	
25	2	27	40.7	33 7.3	115 58.3	B	3.6	8.0	R	KANE SPRING	
25	6	4	15.1	34 21.3	118 21.0	C	1.7	5.0		SAN FERNANDO	
25	13	17	48.5	34 24.2	118 25.0	C	1.7	9.6		SAN FERNANDO	
26	5	55	3.3	34 17.4	118 29.3	B	1.7	9.0		SAN FERNANDO	
26	7	55	3.6	34 20.5	118 21.7	C	1.7	3.0		SAN FERNANDO	
26	14	53	37.1	34 5.3	117 50.6	D	1.7	5.6		FONTANA	
26	15	20	24.6	34 21.8	118 25.0	C	1.7	6.3		SAN FERNANDO	
26	16	30	2.4	34 21.8	118 24.3	B	1.7	4.2		SAN FERNANDO	
27	1	45	18.1	34 16.9	118 28.2	C	2.1	5.8		SAN FERNANDO	
27	7	50	21.8	35 21.5	118 34.6	A	3.4	8.0	R	BRECKENRIDGE MTN	
28	7	49	15.4	34 23.5	118 23.7	D	1.7	0.6		SAN FERNANDO	
28	10	41	3.4	34 21.2	118 20.7	C	1.7	5.1		SAN FERNANDO	
28	19	29	13.9	34 16.7	118 19.3	B	1.7	8.8		SAN FERNANDO	
29	16	9	16.3	34 17.6	118 20.2	C	2.2	5.9		SAN FERNANDO	
30	16	53	48.9	34 20.8	118 20.0	C	1.7	5.5		SAN FERNANDO	
31	2	25	37.7	32 41.0	115 38.8	C	3.1	8.0	R	HEBER	
31	2	25	46.7	32 18.8	115 35.5	C	3.2	8.0	R	LAGUNA SALADA	M
31	13	51	44.5	34 22.3	118 20.8	C	1.7	2.0		SAN FERNANDO	
31	21	14	6.1	36 51.1	120 0.5	A	4.1	8.0	R	MADERA	*
	FELT MADERA										

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
1	21	21	2.8	34 20.8	118 17.4	A	3.0	8.8		SAN FERNANDO
1	23	55	14.8	33 53.6	116 18.1	B	3.3	8.0	R	THOUSAND PALMS
2	6	44	56.7	35 34.5	117 29.2	A	3.0	8.0	R	SEARLES LAKE
2	22	38	48.0	34 23.5	118 25.7	C	1.7	9.9		SAN FERNANDO
3	2	33	0.6	34 20.6	118 23.4	C	1.7	2.6		SAN FERNANDO
3	3	55	29.2	34 21.3	118 23.5	C	1.7	5.0		SAN FERNANDO
3	9	30	29.4	34 6.9	118 16.4	C	1.7	9.1		SANTA MONICA
3	9	53	54.3	34 9.0	118 17.4	C	1.7	5.0		SANTA MONICA
4	5	2	56.3	34 14.2	119 33.2	B	3.2	8.0	R	SANTA CRUZ I NE
4	11	15	17.4	34 20.0	118 24.3	B	1.7	1.2		SAN FERNANDO
5	5	53	28.4	33 47.5	115 41.5	A	3.0	7.9		PINTO BASIN
5	9	20	56.0	33 43.3	115 40.6	B	2.7	8.0	R	HAYFIELD
5	9	24	56.4	33 40.7	115 40.2	C	3.1	8.0	R	HAYFIELD
5	11	16	6.8	33 46.0	115 41.7	C	2.9	*		PINTO BASIN
5	13	11	5.4	34 22.5	118 24.4	C	1.7	7.4		SAN FERNANDO
5	14	13	42.5	33 35.0	115 44.1	C	3.0	8.0	R	HAYFIELD
5	19	52	52.6	33 30.1	115 43.6	C	3.2	8.0	R	HAYFIELD
5	21	18	5.8	34 20.7	118 20.6	C	1.7	2.5		SAN FERNANDO
6	1	11	27.3	32 0.3	115 9.3	D	3.6	8.0	R	SIERRA CUCAPA
6	6	1	15.8	33 31.7	115 44.4	B	3.0	8.0	R	HAYFIELD
6	7	19	29.6	34 19.8	118 16.5	D	1.7	5.9		SAN FERNANDO
7	1	22	41.4	33 37.3	115 33.5	B	2.8	8.0	R	HAYFIELD
7	7	17	54.4	33 33.5	115 43.2	B	3.0	8.0	R	HAYFIELD
7	12	22	10.3	34 21.3	118 25.1	C	1.7	4.9		SAN FERNANDO
7	22	51	41.2	34 56.4	116 45.4	C	3.0	8.0	R	DAGGETT
7	22	51	49.1	34 59.7	116 43.8	B	3.0	8.0	R	NEWBERRY
8	4	56	59.8	34 23.5	118 24.1	C	1.7	6.4		SAN FERNANDO
8	12	19	39.4	34 20.0	118 24.5	B	1.7	3.0		SAN FERNANDO
8	13	42	26.5	34 24.4	118 25.8	C	1.7	1.7		SAN FERNANDO
9	6	56	21.7	33 54.7	117 50.8	D	1.7	7.3		ANAHEIM
9	15	35	32.9	34 22.0	118 22.5	C	1.7	3.9		SAN FERNANDO
9	17	48	55.2	34 25.2	118 25.7	A	2.6	7.5		SAN FERNANDO
9	23	35	54.1	34 21.4	118 17.3	A	2.5	-1.8		SAN FERNANDO
10	11	45	35.0	34 21.1	118 21.1	C	1.7	2.7		SAN FERNANDO
10	12	37	49.4	34 19.7	118 21.9	D	1.7	0.8		SAN FERNANDO
10	13	24	12.9	34 23.6	118 20.0	D	1.7	5.0		SAN FERNANDO
10	16	10	25.1	34 17.2	118 19.4	D	1.7	5.6		SAN FERNANDO
10	16	21	6.3	32 58.3	115 30.6	B	3.0	8.0	R	HEBER
10	22	57	7.0	34 0.1	118 21.2	C	1.7	9.4		SANTA MONICA
11	4	29	53.1	34 18.3	118 17.8	C	1.7	6.7		SAN FERNANDO
11	5	15	38.3	34 21.4	118 20.9	D	1.7	7.9		SAN FERNANDO
11	18	13	36.7	34 20.8	118 24.1	C	1.7	3.5		SAN FERNANDO
12	18	58	12.3	34 18.0	118 19.8	C	1.7	5.3		SAN FERNANDO
13	19	45	48.6	34 23.2	118 25.1	C	1.7	5.3		SAN FERNANDO
14	3	5	3.1	34 17.8	119 52.5	B	3.4	8.2	R	GOLETA
	FELT		GOLETA VALLEY							
14	20	0	56.5	34 4.9	116 23.1	B	3.9	8.0	R	JOSHUA TREE
16	12	56	25.6	34 11.1	117 37.2	A	2.3	8.0	R	ONTARIO
17	0	28	37.4	34 15.6	119 50.6	B	2.9	8.0	R	GOLETA
17	6	24	22.8	34 6.1	116 44.7	B	3.2	8.0	R	MORONGO VALLEY
17	23	47	9.4	34 4.1	116 28.2	B	2.6	8.0	R	JOSHUA TREE

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
18	23	52	56.4	32 55.8	116 21.6	C	3.0	8.0	R	MT LAGUNA	
20	10	3	17.2	34 21.1	118 24.1	C	2.1	3.8		SAN FERNANDO	
21	5	7	8.6	35 59.9	117 26.2	C	2.9	8.0	R	TRONA	
21	8	17	20.8	35 58.4	117 27.8	C	2.7	8.0	R	TRONA	
21	21	10	35.4	34 17.3	118 20.8	C	1.7	5.9		SAN FERNANDO	
23	2	59	45.1	33 57.4	117 7.0	A	2.5	8.0	R	PERRIS	
23	11	17	55.5	31 6.2	115 41.0	C	4.5	8.0	R	VALLE TRINIDAD	M
23	13	21	49.9	34 5.3	116 23.9	B	2.8	8.0	R	JOSHUA TREE	
24	1	10	44.4	34 0.2	118 23.2	B	1.6	0.8		SANTA MONICA	
	FELT BALDWIN HILLS										
24	10	6	28.3	34 20.0	117 6.9	A	2.7	3.2		LAKE ARROWHEAD	
25	2	26	31.5	32 53.2	117 42.0	B	3.6	12.7		SAN DIEGO TROUGH	
25	17	37	14.5	33 25.7	116 19.0	A	3.0	7.0	R	CLARK LAKE	
26	1	56	45.7	34 9.0	118 13.1	D	1.7	3.1		PASADENA	
26	2	11	14.4	34 22.5	118 18.7	D	1.7	3.6		SAN FERNANDO	
27	4	45	16.8	34 4.1	118 59.6	B	3.2	10.2		TRIUNFO PASS	
	FELT THOUSAND OAKS										
27	9	10	26.5	34 20.2	118 20.7	C	1.7	3.8		SAN FERNANDO	
27	10	33	29.0	34 21.0	118 24.7	B	1.7	3.6		SAN FERNANDO	
27	22	29	42.1	33 27.4	116 51.2	B	3.1	1.8		PALOMAR MTN	
28	0	17	20.7	34 12.8	118 12.1	B	1.7	*		PASADENA	
	FELT LA CANADA										
28	2	44	44.9	34 20.9	118 25.5	C	1.7	3.6		SAN FERNANDO	
28	16	8	55.6	34 20.7	118 22.6	C	1.7	4.2		SAN FERNANDO	
30	3	19	30.2	34 9.0	118 27.3	D	1.7	5.0		SANTA MONICA	
30	13	28	19.1	34 21.0	118 23.8	B	1.7	4.7		SAN FERNANDO	

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1	17	33	34.2	32 58.2	116 25.1	C	2.7	8.0	R	MT LAGUNA	
1	21	51	10.6	36 25.7	120 57.5	C	3.3	8.0	R	HERNANDEZ VALLEY	*
1	22	17	17.8	32 54.0	116 35.3	C	2.9	8.0	R	CUYAMACA PEAK	
5	6	38	43.6	35 59.5	118 20.8	A	2.6	8.0	R	KERNVILLE	
5	11	12	27.4	33 14.1	116 50.1	B	2.4	8.0	R	RAMONA	
5	11	48	44.1	36 0.8	118 17.1	B	2.7	8.0	R	HOCKETT PEAK	
5	13	49	29.5	34 19.6	118 15.3	A	2.8	0.1		SAN FERNANDO	
	FELT GLENDALE AND BURBANK										
7	10	14	5.1	34 21.0	118 17.5	A	2.1	-1.2		SAN FERNANDO	
	FELT SAN FERNANDO VALLEY										
7	12	27	2.6	34 10.9	116 51.0	A	2.5	8.0	R	SAN GORGONIO MTN	
7	13	13	44.7	33 59.1	118 29.0	A	2.4	7.4		REDONDO	
	FELT VENICE AND SANTA MONICA										
8	5	11	42.7	34 22.7	118 24.2	B	1.7	8.0		SAN FERNANDO	
9	15	39	51.7	35 55.3	117 47.3	B	2.5	8.0	R	LITTLE LAKE	
10	0	26	46.5	34 0.1	118 8.8	D	1.7	7.7		PASADENA	
10	3	19	43.8	34 20.6	118 22.4	C	1.7	3.4		SAN FERNANDO	
11	4	50	48.4	35 10.0	116 44.1	B	2.9	8.0	R	ALVORD MTN	
11	11	45	21.3	34 21.4	118 21.2	C	1.7	4.0		SAN FERNANDO	
12	10	48	13.0	34 17.8	118 18.6	C	1.7	6.7		SAN FERNANDO	
12	14	49	16.6	34 17.7	118 19.5	C	1.7	5.2		SAN FERNANDO	
13	2	54	10.8	37 30.6	118 21.5	B	3.2	8.0	R	WHITE MTN SW	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
13	17	28	36.4	34 17.7	118 19.5	C	1.7	5.9		SAN FERNANDO
13	17	38	3.4	33 19.2	116 9.9	B	2.8	8.0	R	RABBIT PEAK
14	9	52	11.9	34 24.7	118 25.8	C	1.7	0.8		SAN FERNANDO
14	14	15	39.7	33 58.8	116 40.2	A	2.6	8.0	R	PALM SPRINGS
14	23	1	56.8	34 22.3	118 24.9	C	1.7	7.5		SAN FERNANDO
15	9	39	7.1	34 22.6	118 25.2	C	1.7	8.2		SAN FERNANDO
15	15	52	39.1	34 25.2	118 25.5	B	2.5	8.6		SAN FERNANDO
	FELT SAUGUS									
15	16	2	9.4	34 20.5	118 23.7	B	1.7	2.8		SAN FERNANDO
19	23	23	10.5	34 22.9	118 23.8	A	3.3	8.0	R	SAN FERNANDO
	FELT SAN FERNANDO									
20	0	52	48.0	34 24.3	118 23.9	B	2.2	8.0	R	SAN FERNANDO
20	17	59	31.8	34 13.1	118 11.1	B	1.3	8.0	R	PASADENA
	FELT LA CANADA									
20	21	44	15.7	34 0.3	116 37.8	A	3.0	8.0	R	MURONGO VALLEY
23	10	19	44.4	34 3.7	117 14.0	A	3.0	8.0	R	REDLANDS
24	17	53	28.6	34 21.1	118 24.1	C	1.7	4.5		SAN FERNANDO
26	7	35	32.2	33 26.3	117 5.7	A	2.8	8.0	R	TEMECULA
27	0	7	23.5	35 33.8	119 26.2	B	3.0	8.0	R	WASCO
27	3	52	32.4	31 48.5	115 44.0	C	3.6	8.0	R	SIERRA JUAREZ SE M
27	9	13	14.8	34 24.4	118 23.1	A	2.1	7.2		SAN FERNANDO
29	2	11	13.3	34 6.4	117 25.3	A	1.4	8.0	R	SAN BERNARDINO
30	6	55	15.0	34 1.8	117 35.0	A	2.5	0.4		ONTARIO
30	20	45	45.9	34 12.8	118 10.8	A	1.5	8.0	R	PASADENA
31	9	17	32.7	34 22.5	118 22.6	C	1.7	7.2		SAN FERNANDO
31	22	53	41.8	34 21.3	118 18.9	D	1.7	5.0		SAN FERNANDO

JUN, 1972

1	4	52	41.5	34 6.5	117 25.9	A	2.7	*		SAN BERNARDINO
3	9	54	38.3	34 1.7	117 11.6	A	2.6	4.6		REDLANDS
4	23	32	18.1	34 22.0	118 23.1	C	1.7	4.0		SAN FERNANDO
5	19	46	5.9	34 18.9	118 26.0	D	1.7	7.8		SAN FERNANDO
8	11	1	34.6	32 37.1	117 55.8	B	3.0	8.0	R	FORTYMILE BANK
8	8	14	51.0	37 25.3	118 12.6	C	2.5	8.0	R	BLANCO MTN
9	9	6	12.8	34 24.2	118 25.2	C	1.7	8.4		SAN FERNANDO
9	9	21	35.8	34 55.7	116 56.3	A	2.7	8.0	R	DAGGETT
11	11	5	5.0	33 52.5	118 41.0	A	3.0	4.1		SANTA MONICA BAY
11	14	26	22.5	33 17.4	116 18.4	B	3.0	8.0	R	CLARK LAKE
11	14	26	27.0	33 16.6	116 15.8	B	3.0	8.0	R	CLARK LAKE
12	3	51	14.1	33 45.7	117 58.2	C	1.7	5.0		ANAHEIM
12	3	57	18.2	33 42.9	116 45.8	A	3.2	8.0	R	HEMET
12	5	28	58.3	33 0.3	115 30.3	B	2.8	8.0	R	CALIPATRIA
13	8	47	2.4	35 34.6	117 31.6	A	3.1	8.0	R	RIDGECREST
13	12	19	51.4	34 13.2	118 11.8	C	1.7	5.0		PASADENA
14	13	37	34.6	34 45.0	118 54.4	B	2.5	8.0	R	TEJON PASS
14	13	38	22.9	34 46.8	118 53.8	B	2.6	8.0	R	TEJON PASS
15	13	31	34.6	34 4.5	118 16.5	C	1.7	6.2		SANTA MONICA
15	19	54	36.7	34 12.4	120 55.1	C	3.0	8.0	R	OFF POINT CONCEPTION
17	3	32	52.6	34 21.0	118 25.4	C	1.7	4.1		SAN FERNANDO
17	13	41	25.8	34 23.5	118 24.1	C	1.7	0.0		SAN FERNANDO

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUN, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
18	2	34	30.1	33 34.5	117 59.4	C	1.7	5.7		SANTA ANA
18	2	49	0.2	37 44.0	118 39.3	C	2.5	8.0	R	CASA DIABLO MTN
18	2	51	32.0	37 2.0	118 21.0	D	3.6	8.0	R	BIG PINE
18	2	57	12.0	37 1.0	118 14.0	D	3.7	8.0	R	WAUCUBA MTN
18	3	12	2.1	37 47.4	118 41.8	C	3.0	8.0	R	GLASS MOUNTAIN
18	3	43	24.0	37 0.0	118 14.0	D	3.6	8.0	R	WAUCOBA MTN
19	2	54	33.4	34 22.1	118 25.0	C	1.7	5.1		SAN FERNANDO
19	16	8	26.8	34 4.6	117 26.8	A	3.0	5.5		SAN BERNARDINO
	FELT FONTANA SAN BERNARDINO SANTA ANA									
20	7	17	25.3	34 18.2	118 19.1	A	2.5	1.6		SAN FERNANDO
21	0	43	3.6	34 23.5	118 25.3	C	1.7	8.5		SAN FERNANDO
21	4	4	12.5	33 29.6	116 53.2	A	2.6	8.0	R	PALOMAR MTN
21	4	19	2.1	34 26.1	118 25.3	A	2.8	4.7		SAN FERNANDO
21	12	47	37.1	34 24.0	118 25.6	A	2.5	6.1		SAN FERNANDO
21	14	38	35.7	34 19.7	118 27.5	B	1.7	2.1		SAN FERNANDO
22	13	35	19.6	34 21.6	118 23.4	B	1.7	5.0		SAN FERNANDO
22	19	21	30.0	33 29.7	116 30.3	A	3.4	8.0	R	WARNER SPRINGS
22	22	2	0.8	33 15.0	116 5.2	A	3.0	8.0	R	BORREGO MTN
23	3	45	27.6	33 31.2	116 30.2	A	2.6	8.0	R	IDYLLWILD
23	9	55	29.0	34 23.5	118 24.8	D	1.7	1.9		SAN FERNANDO
26	6	13	22.4	35 53.0	117 39.2	C	2.9	8.0	R	MOUNTAIN SPRINGS CANYON
26	9	21	14.9	35 49.2	117 41.6	B	3.0	8.0	R	MOUNTAIN SPRINGS CANYON
26	23	41	37.5	34 25.5	118 26.3	A	2.5	2.1		SAN FERNANDO
28	5	29	10.8	35 49.3	117 37.9	B	3.2	8.0	R	MOUNTAIN SPRINGS CANYON
29	2	1	52.4	33 59.2	118 21.1	A	2.7	*		REDONDO
	FELT NORTH HOLLYWOOD LA CIENAGA									
29	6	41	9.2	34 19.5	117 7.9	A	3.4	8.0	R	LAKE ARROWHEAD
30	8	45	30.2	34 9.0	118 5.9	D	1.7	5.0		PASADENA
30	9	48	28.2	33 13.1	115 41.5	B	2.6	8.0	R	CALIPATRIA
	FELT FONTANA RIALTO									
30	9	50	15.3	33 10.9	115 40.5	B	2.8	8.0	R	CALIPATRIA
30	9	54	21.0	34 5.8	117 26.4	A	2.7	2.4		SAN BERNARDINO
30	9	58	4.6	33 14.8	115 41.7	B	2.3	8.0	R	CALIPATRIA
30	20	43	27.2	33 38.0	116 49.6	C	2.9	8.0	R	HEMET

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1	2	40	5.0	35 48.5	117 35.5	C	2.8	8.0	R	MOUNTAIN SPRINGS CANYON
4	8	20	4.0	35 48.3	117 37.9	A	4.0	8.0	R	MOUNTAIN SPRINGS CANYON
4	8	26	13.1	35 53.0	117 35.1	C	2.7	8.0	R	MOUNTAIN SPRINGS CANYON
4	8	37	15.7	35 49.1	117 36.3	A	3.4	8.0	R	MOUNTAIN SPRINGS CANYON
5	5	31	23.4	34 3.8	117 26.7	B	2.0	*		SAN BERNARDINO
5	19	37	39.7	34 24.7	118 22.3	A	3.4	9.2		SAN FERNANDO
	FELT SYLMAR SHERMAN OAKS AND SILVERLAKE DISTRICT OF LOS ANGELES									
5	19	58	26.4	34 26.4	118 21.4	C	2.4	9.8		SAN FERNANDO
	FELT SAN BERNARDINO									
5	20	8	22.7	34 10.2	117 36.3	B	2.2	5.8		ONTARIO
5	20	8	47.8	34 14.0	117 32.9	B	2.5	*		ONTARIO
5	20	10	43.6	34 20.4	117 39.5	B	2.5	2.0		SAN ANTONIO
6	3	2	37.1	34 22.7	118 25.7	C	1.7	7.2		SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
6	22	38	8.9	34 24.3	118 21.7	A	3.3	5.9		SAN FERNANDO
	FELT	PASADENA	GLENDALE	SAN FERNANDO	NORTH HOLLYWOOD					
7	12	53	58.9	34 4.9	117 26.8	A	3.1	*		SAN BERNARDINO
	FELT	FONTANA AREA								
8	4	33	40.1	34 22.2	118 22.0	C	1.7	7.2		SAN FERNANDO
9	8	23	13.6	34 21.8	118 22.9	C	1.7	8.9		SAN FERNANDO
9	21	19	25.5	34 12.5	117 34.3	D	1.7	9.1		ONTARIO
10	6	15	37.2	34 1.0	118 24.9	C	1.7	5.9		SANTA MONICA
10	7	22	27.4	33 58.9	118 22.5	C	1.7	5.9		REDONDO
11	9	41	47.4	33 49.0	117 31.0	D	1.7	8.1		CORONA
11	23	46	32.1	32 47.3	116 13.6	B	3.2	*		CARRIZO MTN
12	8	28	0.3	34 22.5	118 15.5	D	1.7	5.0		SAN FERNANDO
13	2	29	17.0	34 23.5	118 24.1	C	1.7	9.9		SAN FERNANDO
13	13	29	14.8	34 15.9	118 27.1	C	1.7	7.0		SAN FERNANDO
14	23	1	14.8	34 1.9	118 44.0	C	2.7	0.6		CALABASAS
15	7	19	0.6	35 40.4	118 23.8	A	2.8	8.0	R	ISABELLA
16	6	9	19.5	34 21.7	118 23.8	B	1.7	5.5		SAN FERNANDO
17	7	39	2.1	34 6.0	117 26.5	D	1.7	5.4		SAN BERNARDINO
18	4	8	45.6	34 14.2	117 31.9	D	2.3	9.3		ONTARIO
19	3	37	4.7	33 26.6	116 34.2	A	3.0	8.0	R	WARNER SPRINGS
20	4	5	27.4	34 5.4	117 25.8	A	2.4	8.0	R	SAN BERNARDINO
21	19	25	6.7	34 17.7	116 58.5	A	2.6	8.0	R	LUCERNE VALLEY
21	19	57	7.1	34 17.7	116 59.0	A	2.5	8.0	R	LUCERNE VALLEY
21	22	26	28.3	34 18.3	116 59.4	A	2.5	8.0	R	LUCERNE VALLEY
22	13	30	27.8	33 53.0	118 21.4	B	2.4	8.0	R	REDONDO
23	0	15	10.0	33 7.1	116 4.4	A	3.0	8.0	R	BORREGO MTN
23	12	40	12.8	34 23.5	118 20.9	C	1.7	8.0		SAN FERNANDO
27	0	31	17.4	34 47.0	118 54.1	A	4.4	8.0	R	TEJON PASS
	FELT	VENTURA	AGOURA	SAN FERNANDO						
27	0	39	27.4	34 42.0	118 53.2	A	2.5	8.0	R	ALAMO MTN
27	0	50	21.5	34 48.0	118 52.5	A	2.7	8.0	R	TEJON PASS
27	1	12	4.8	34 42.6	118 53.5	B	3.0	8.0	R	ALAMO MTN
27	3	53	20.2	34 44.9	118 53.2	B	2.9	8.0	R	ALAMO MTN
28	13	9	26.7	33 50.3	117 4.1	B	2.8	8.0	R	PERRIS
29	1	18	51.0	33 11.6	116 47.6	B	3.2	8.0	R	RAMONA
29	4	45	0.8	35 47.2	117 37.8	B	3.0	8.0	R	MOUNTAIN SPRINGS CANYON
30	14	9	54.6	35 46.4	117 34.8	A	3.0	8.0	R	MOUNTAIN SPRINGS CANYON
30	19	2	14.5	35 47.3	117 38.3	B	3.4	1.0	R	MOUNTAIN SPRINGS CANYON
30	21	0	15.5	34 23.5	118 26.4	C	1.7	9.9		SAN FERNANDO
30	21	17	5.8	35 47.6	117 34.7	B	3.3	1.0	R	MOUNTAIN SPRINGS CANYON

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1	3	14	31.2	36 7.4	117 48.6	A	2.7	8.0	R	HAIWEE RESERVOIR
1	6	4	16.7	33 55.1	116 9.5	B	2.4	8.0	R	LOST HORSE MTN
1	9	20	1.6	34 18.2	116 58.8	A	3.1	*		LUCERNE VALLEY
2	1	23	19.4	34 34.2	118 44.6	D	1.7	5.0		LIEBRE MTN
2	23	18	12.1	35 18.2	116 50.6	B	2.7	8.0	R	GOLDSTONE LAKE
3	2	24	28.0	34 26.7	118 35.8	D	1.7	8.8		SANTA SUSANA
3	7	55	13.9	33 59.7	118 13.4	D	1.7	5.0		DOWNEY
3	16	13	9.1	34 11.4	118 18.3	A	2.3	2.7		SANTA MONICA
	FELT	BURBANK AND GLENDALE								

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
4	4	43	25.8	33 53.1	117 56.5	C	1.7	9.1		ANAHEIM	
4	8	32	36.9	35 19.0	116 49.6	B	2.3	8.0	R	GOLDSTONE LAKE	
4	12	44	26.5	34 26.0	118 24.8	B	3.1	11.1	R	SAN FERNANDO	
	FELT SAUGUS										
4	13	52	31.6	34 19.5	118 20.2	B	1.9	*		SAN FERNANDO	
4	19	36	10.8	34 7.1	119 8.5	B	2.4	8.0	R	HUENEME	
6	16	29	21.6	34 11.5	118 18.5	A	2.5	3.2		SANTA MONICA	
	FELT NORTH HOLLYWOOD AND BURBANK										
7	2	33	11.2	34 0.2	116 39.9	A	2.8	8.0	R	MORONGO VALLEY	
7	6	51	25.4	34 24.7	118 24.1	D	1.7	2.4		SAN FERNANDO	
7	10	17	49.9	34 8.8	119 27.8	B	3.0	8.0	R	ANACAPA I NORTH	
8	0	10	2.1	34 20.4	118 26.2	C	1.7	2.8		SAN FERNANDO	
8	3	19	42.3	34 16.1	116 24.5	B	2.5	8.0	R	EMERSON LAKE	
9	12	7	24.1	33 45.3	117 32.0	A	2.6	8.0	R	CORONA	
9	13	29	33.1	34 4.2	117 45.5	D	1.7	9.8		FONTANA	
9	19	13	14.1	34 59.5	117 0.5	B	2.4	8.0	R	BARSTOW	
10	12	3	7.1	33 49.0	117 41.6	D	1.7	6.0		CORONA	
10	21	50	54.8	34 33.2	118 3.6	D	1.7	5.0		LANCASTER	
13	4	21	28.4	34 20.8	118 23.2	C	1.7	7.6		SAN FERNANDO	
13	9	44	19.4	32 51.4	115 21.9	C	2.9	8.0	R	HOLTVILLE	
13	13	29	30.8	34 9.6	117 27.8	D	1.7	7.0		SAN BERNARDINO	
14	2	37	17.9	33 57.3	118 0.7	D	1.7	5.0		DOWNEY	
14	21	55	19.2	34 18.7	118 17.1	C	1.7	6.6		SAN FERNANDO	
14	22	49	30.6	36 5.8	120 6.6	A	2.9	8.0	R	PULVADERO GAP	*
15	6	26	24.4	35 55.1	120 26.3	B	3.0	8.0	R	PARKFIELD	*
15	18	46	16.4	33 52.7	118 10.8	B	2.1	8.0	R	DOWNEY	
17	8	29	22.3	34 12.0	117 33.9	A	2.8	8.0	R	ONTARIO	
18	6	26	38.7	34 25.7	118 29.0	C	1.7	1.8		SAN FERNANDO	
20	21	33	49.3	34 24.3	118 23.3	C	1.7	2.1		SAN FERNANDO	
21	18	34	44.4	33 13.9	116 46.4	B	2.2	8.0	R	RAMONA	
22	13	31	41.7	34 27.6	118 25.6	A	2.5	8.0	R	SAN FERNANDO	
	FELT SAUGUS										
22	23	27	38.0	34 27.0	118 4.6	C	1.7	6.5		ACTON	
23	9	8	39.5	34 0.7	117 40.9	C	1.7	5.7		ONTARIO	
24	4	59	57.5	33 53.3	118 10.2	B	2.5	8.0	R	DOWNEY	
24	11	41	48.6	34 0.5	119 14.4	B	2.4	8.0	R	HUENEME	
24	22	32	32.8	35 49.3	117 35.8	B	2.4	8.0	R	MOUNTAIN SPRINGS CANYON	
25	2	50	33.3	33 11.9	116 3.5	A	2.8	8.0	R	BORREGO MTN	
25	14	36	51.4	33 31.1	116 35.3	A	2.3	8.0	R	IDYLLWILD	
26	0	17	21.6	32 42.6	116 24.6	C	2.5	8.0	R	CAMPO	
26	16	53	59.0	34 23.5	118 22.8	C	2.6	9.4		SAN FERNANDO	
27	8	49	27.0	34 3.3	118 23.1	A	3.2	8.0	R	SANTA MONICA	
	FELT BEVERLY HILLS ETC.										
27	15	50	55.8	34 1.0	116 21.3	A	2.0	8.0	R	JOSHUA TREE	
28	12	43	42.8	33 55.1	118 17.0	D	1.7	7.8		REDONDO	
28	16	55	14.5	34 23.8	116 11.5	B	2.0	8.0	R	DEADMAN LAKE	
30	5	7	38.3	34 3.7	117 30.1	D	1.7	7.1		ONTARIO	
30	7	22	43.9	33 55.4	117 50.4	D	1.7	8.6		ANAHEIM	
30	8	10	22.1	33 52.5	117 52.5	A	2.3	8.0	R	ANAHEIM	
30	8	16	37.4	33 53.7	117 51.7	D	1.7	7.9		ANAHEIM	
30	10	22	15.7	36 52.8	120 3.6	B	3.3	8.0	R	MADERA	*

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
30	12	16	7.6	36 46.8	120 C.7	B	2.8	8.0	R	MADERA	*

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1	6	13	4.8	35 24.9	118 24.1	B	3.7	8.0	R	EMERALD MTN	
	FELT ISABELLA										
1	6	20	21.0	35 27.1	118 33.8	B	2.2	8.0	R	BRECKENRIDGE MTN	
1	6	34	16.1	35 27.0	118 33.8	B	2.9	8.0	R	BRECKENRIDGE MTN	
1	8	5	56.3	33 55.6	118 9.4	C	1.7	1.6		DOWNEY	
3	9	22	22.8	34 15.2	118 28.0	C	1.7	7.0		SAN FERNANDO	
3	9	37	17.3	31 47.0	117 12.4	C	3.4	8.0	R	CONTINENTAL SHELF	M
3	18	53	54.5	35 21.2	118 37.3	B	2.2	8.0	R	BRECKENRIDGE MTN	
4	0	31	7.1	35 20.4	118 26.6	B	2.8	8.0	R	EMERALD MTN	
4	0	35	18.7	35 26.2	118 31.8	B	2.4	8.0	R	BRECKENRIDGE MTN	
4	13	40	46.6	34 23.3	116 30.5	B	2.4	8.0	R	OLD WOMAN SPRINGS	
5	9	47	12.6	34 23.5	118 23.1	D	1.7	7.4		SAN FERNANDO	
6	3	53	53.8	37 4.8	117 38.4	B	2.7	8.0	R	LAST CHANCE RANGE	
7	15	3	0.1	37 16.9	118 11.3	C	2.5	0.0	R	BLANCO MTN	
8	0	11	51.4	34 5.5	117 20.5	A	2.6	8.0	R	SAN BERNARDINO	
9	3	23	9.9	34 21.6	118 23.1	C	1.7	5.5		SAN FERNANDO	
10	5	19	6.2	34 2.8	118 21.2	A	2.7	8.0	R	SANTA MONICA	
	FELT WEST LOS ANGELES										
11	6	44	0.2	33 30.4	116 23.8	A	3.0	8.0	R	PALM DESERT	
11	7	6	10.5	34 22.5	118 22.5	C	1.7	4.3		SAN FERNANDO	
11	7	26	31.0	34 21.9	118 21.4	C	1.7	7.5		SAN FERNANDO	
11	9	40	28.7	34 5.1	117 14.1	A	3.8	8.0	R	REDLANDS	
	FELT SAN BERNARDINO AREA										
11	10	16	23.9	33 28.4	116 24.2	B	2.6	8.0	R	CLARK LAKE	
11	13	47	38.4	35 49.3	118 2.2	A	3.0	8.0	R	LAMONT PEAK	
11	19	58	32.3	34 1.7	116 22.9	B	3.1	8.0	R	JOSHUA TREE	
12	12	38	46.0	34 21.0	118 20.6	C	1.7	2.9		SAN FERNANDO	
13	20	7	22.7	34 26.8	118 24.1	D	1.7	2.1		SAN FERNANDO	
14	6	47	30.8	34 23.5	118 23.6	C	1.7	9.7		SAN FERNANDO	
15	8	12	0.2	33 59.4	116 24.3	A	2.8	8.0	R	THOUSAND PALMS	
16	16	54	24.5	34 9.3	117 36.9	A	2.0	8.0	R	ONTARIO	
17	14	59	49.8	33 44.3	118 7.5	C	1.7	1.1		LAS BOLSAS	
17	23	0	45.9	34 19.8	118 39.1	C	1.7	3.9		SANTA SUSANA	
18	0	24	50.9	34 21.1	118 27.6	D	1.7	5.9		SAN FERNANDO	
18	21	50	51.1	37 33.7	118 32.5	B	3.6	8.0	R	CASA DIABLO MTN	
18	23	44	42.6	34 20.5	118 19.2	C	1.7	6.1		SAN FERNANDO	
20	6	43	24.0	34 20.4	118 23.0	C	1.7	2.7		SAN FERNANDO	
20	17	20	1.0	34 7.0	117 27.9	B	2.3	8.0	R	SAN BERNARDINO	
20	17	32	27.0	34 8.1	117 26.3	A	2.2	8.0	R	SAN BERNARDINO	
20	17	48	12.6	34 7.4	117 26.6	A	2.9	8.0	R	SAN BERNARDINO	
	FELT FONTANA AREA										
20	23	48	6.5	35 24.5	118 28.6	B	2.4	8.0	R	EMERALD MTN	
21	3	35	47.6	34 6.2	117 28.3	A	2.5	8.0	R	SAN BERNARDINO	
22	13	31	16.6	34 2.8	117 1.7	A	2.5	8.0	R	REDLANDS	
23	0	53	7.2	34 23.0	118 18.0	A	2.0	8.0	R	SAN FERNANDO	
23	2	50	42.1	34 17.4	118 18.8	C	1.7	7.1		SAN FERNANDO	
23	3	43	45.4	34 40.3	120 31.2	B	3.3	8.0	R	PT ARGUELLO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, SEP, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
23	6	14	46.2	36 49.8	115 32.9	C	3.0	8.0	R	INDIAN SPRING-1	* N
23	22	7	33.5	34 20.5	118 23.8	B	1.7	2.5		SAN FERNANDO	
24	1	30	43.8	34 25.9	117 13.4	A	2.6	8.0	R	LAKE ARROWHEAD	
26	12	32	48.7	36 4.1	118 17.0	B	2.9	8.0	R	HUCKETT PEAK	
26	21	48	9.9	35 3.6	118 22.1	B	2.4	8.0	R	TEHACHAPI	
27	4	9	20.6	34 2.5	117 36.2	B	2.4	8.0	R	ONTARIO	
27	4	10	56.3	34 1.0	117 36.7	B	2.7	8.0	R	ONTARIO	
27	4	11	32.8	33 57.8	117 38.4	B	2.4	8.0	R	CORONA	
27	4	15	52.5	33 58.5	117 37.7	B	2.7	8.0	R	CORONA	
27	5	2	48.9	34 4.5	117 35.0	D	1.7	3.4		ONTARIO	
27	10	9	25.8	34 21.3	118 31.0	D	1.7	2.2		SANTA SUSANA	
28	13	2	8.3	34 25.9	118 23.0	B	1.7	8.0	R	SAN FERNANDO	
	FELT SAUGUS										
29	4	39	51.8	34 3.9	116 58.9	A	2.3	8.0	R	SAN GORGONIO MTN	
29	5	48	46.6	33 49.4	117 3.3	A	2.4	8.0	R	PERRIS	
29	7	32	15.5	34 10.0	117 48.1	D	1.7	7.3		FONTANA	
29	14	13	41.2	31 57.2	117 30.3	C	4.3	8.0	R	CONTINENTAL SHELF	M
	FELT SAN DIEGO AREA										
30	17	1	29.1	33 54.0	117 39.7	D	2.5	5.9		CORONA	

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1	6	58	46.6	34 14.0	117 38.7	C	1.7	7.2		ONTARIO	
1	6	58	59.3	34 10.7	117 43.3	D	1.7	5.0		ONTARIO	
1	18	1	46.8	34 27.0	118 11.8	C	1.7	5.0		ACTON	
2	4	41	56.3	33 58.5	117 44.5	D	1.7	9.3		CORONA	
2	7	40	47.6	34 22.2	118 26.8	B	1.7	6.2		SAN FERNANDO	
2	15	46	24.4	34 5.7	118 15.9	A	2.4	8.0	R	SANTA MONICA	
	FELT NORTH HOLLYWOOD AND GLENDALE										
3	11	32	10.7	34 21.0	118 21.3	B	1.7	3.0		SAN FERNANDO	
5	13	53	35.0	34 24.5	118 39.9	C	1.7	5.0		SANTA SUSANA	
5	21	51	31.0	35 3.4	118 22.4	B	2.9	8.0	R	TEHACHAPI	
6	11	8	3.9	35 15.1	118 29.9	A	3.0	8.0	R	EMERALD MTN	
6	20	43	12.0	34 22.4	118 21.8	A	2.4	8.0	R	SAN FERNANDO	
7	6	3	9.8	34 2.5	117 36.3	C	2.3	4.9		ONTARIO	
8	2	15	10.5	34 1.7	117 36.8	A	2.5	8.0	R	ONTARIO	
8	11	47	17.5	34 13.3	117 28.0	A	3.5	8.0	R	SAN BERNARDINO	
	FELT SAN BERNARDINO AREA										
8	17	10	21.6	34 25.1	118 33.8	C	1.7	6.7		SANTA SUSANA	
8	21	51	24.2	34 0.2	118 1.1	C	1.7	5.0		PASADENA	
10	7	53	52.0	34 17.3	118 20.0	A	2.0	8.0	R	SAN FERNANDO	
10	13	0	34.2	34 23.5	118 20.6	D	1.7	5.8		SAN FERNANDO	
11	6	56	46.5	34 14.8	117 26.2	C	1.7	5.2		SAN BERNARDINO	
11	7	12	14.5	34 1.2	116 45.2	A	2.7	8.0	R	SAN GORGONIO MTN	
11	7	49	53.4	34 20.6	118 25.0	B	1.7	2.5		SAN FERNANDO	
11	18	45	28.9	34 17.7	117 49.7	C	1.7	5.0		VALYERMO	
12	3	6	5.1	34 12.0	117 36.3	C	1.7	6.9		ONTARIO	
12	6	53	10.6	34 19.0	118 17.7	C	1.7	5.9		SAN FERNANDO	
13	6	46	12.0	34 24.7	118 22.6	A	2.5	9.9		SAN FERNANDO	
15	18	22	32.8	33 21.2	116 49.8	B	2.2	8.0	R	PALOMAR MTN	
16	3	32	48.6	34 1.8	117 15.3	A	2.4	8.0	R	SAN BERNARDINO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
16	7	48	21.4	34 21.4	118 20.8	C	1.7	3.0		SAN FERNANDO	
16	10	36	2.3	34 26.5	118 24.1	A	2.8	8.0	R	SAN FERNANDO	
16	12	34	14.2	33 49.1	118 23.4	A	3.4	12.7		REDONDO	
	FELT REDONDO BEACH AND SAN PEDRO										
17	0	23	48.1	34 23.3	118 20.4	A	2.3	-1.5		SAN FERNANDO	
17	4	17	27.9	33 17.5	115 43.1	B	2.6	8.0	R	FRINK	
17	4	21	11.9	32 54.4	115 46.7	B	2.8	8.0	R	PLASTER CITY	
17	19	39	36.7	34 4.8	117 16.5	A	2.1	8.0	R	SAN BERNARDINO	
18	0	24	4.5	34 45.0	116 25.2	B	2.1	8.0	R	CADY MTS	
18	13	9	58.4	34 22.2	118 23.4	C	1.7	7.1		SAN FERNANDO	
18	22	41	56.8	34 3.2	118 38.2	D	1.7	5.6		CALABASAS	
19	13	26	45.9	32 52.6	116 15.2	B	3.5	8.0	R	MT LAGUNA	
19	13	41	25.7	34 24.9	118 35.8	C	1.7	0.8		SANTA SUSANA	
19	13	42	45.7	34 25.7	118 34.1	C	1.7	1.5		SANTA SUSANA	
20	0	3	38.0	34 24.8	118 25.1	C	3.6	0.3		SAN FERNANDO	
20	5	16	13.4	34 9.6	117 27.6	C	1.7	6.9		SAN BERNARDINO	
20	17	53	24.5	34 1.6	117 36.8	A	3.0	3.0		ONTARIO	
	FELT ONTARIO										
21	0	3	39.0	34 24.6	118 25.4	A	3.6	8.6		SAN FERNANDO	
	FELT SAN FERNANDO VALLEY										
21	0	7	44.3	34 22.7	118 25.0	C	1.7	7.2		SAN FERNANDO	
21	0	7	45.7	34 23.5	118 25.1	A	2.0	5.6		SAN FERNANDO	
21	0	41	51.5	34 21.9	118 24.5	C	1.7	5.2		SAN FERNANDO	
21	12	53	7.6	34 2.0	117 38.2	A	2.8	2.2		ONTARIO	
21	12	43	2.7	34 2.4	117 18.8	C	1.7	6.6		SAN BERNARDINO	
	FELT ONTARIO										
21	15	45	14.6	34 5.6	117 48.0	D	1.7	5.7		FONTANA	
21	19	53	52.6	34 18.0	117 26.5	D	2.5	5.0		HESPERA	
21	20	27	34.9	34 11.7	117 36.0	C	1.7	7.6		ONTARIO	
22	5	8	23.2	34 1.1	117 42.0	C	2.1	5.0		ONTARIO	
22	12	40	38.0	33 59.8	117 36.5	A	2.6	-1.0		CORONA	
22	12	50	23.8	33 46.1	118 6.5	C	1.7	1.1		DOWNEY	
23	1	59	56.9	34 11.7	117 31.7	C	1.7	5.0		ONTARIO	
25	5	24	58.8	34 2.1	117 39.0	D	1.7	5.6		ONTARIO	
25	7	8	44.2	34 12.0	115 57.2	B	2.4	8.0	R	VALLEY MTN	
26	7	18	12.4	34 6.2	118 15.5	A	2.1	8.0	R	SANTA MONICA	
26	12	47	2.8	34 1.8	117 37.3	A	2.2	8.0	R	ONTARIO	
27	4	36	52.5	34 23.2	118 20.2	A	2.5	8.0	R	SAN FERNANDO	
27	4	37	51.5	34 22.0	118 20.2	C	2.5	4.7		SAN FERNANDO	
27	8	15	25.3	34 23.5	118 25.8	B	2.0	8.0	R	SAN FERNANDO	
27	8	53	24.2	34 23.0	118 25.1	B	2.4	8.0	R	SAN FERNANDO	
27	19	49	28.1	35 5.0	116 23.2	A	3.1	8.0	R	CAVE MTN	
28	1	50	31.6	34 2.3	117 36.8	A	2.3	8.0	R	ONTARIO	
28	8	47	1.6	33 45.5	118 8.2	B	2.2	4.0		DOWNEY	
28	12	47	35.9	32 52.9	115 1.7	C	3.6	8.0	R	GLAMIS	
28	12	55	38.0	32 33.0	115 18.0	D	3.5	8.0	R	CALEXICO	
28	12	58	38.0	32 19.0	115 23.0	D	3.6	8.0	R	SIERRA CUCAPA	M
28	13	7	49.0	32 34.0	115 20.0	D	3.6	8.0	R	CALEXICO	
28	13	15	50.0	32 53.0	115 0.0	D	3.1	8.0	R	GLAMIS	
28	13	22	50.0	32 19.0	115 23.0	D	4.0	8.0	R	SIERRA CUCAPA	M
28	13	38	24.0	32 19.0	115 23.0	D	4.0	8.0	R	SIERRA CUCAPA	M

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
28	15	17	35.3	34 26.5	118 19.1	D	1.7	5.0		SAN FERNANDO	
28	18	25	51.6	32 13.3	115 0.0	C	2.7	8.0	R	SIERRA CUCAPA	M
30	2	46	6.0	34 16.5	118 24.2	C	1.7	7.7		SAN FERNANDO	
30	19	25	4.5	34 2.7	117 38.3	C	2.4	5.4		ONTARIO	
31	6	41	46.6	34 0.4	117 43.9	C	2.4	3.5		ONTARIO	
31	7	35	18.3	33 51.9	117 58.8	C	2.4	5.0		ANAHEIM	
31	9	56	10.0	33 15.1	116 51.4	B	3.2	8.0	R	PALOMAR MTN	
31	11	16	26.9	34 2.1	117 12.6	A	2.6	8.0	R	REDLANDS	
31	13	19	6.2	33 59.0	117 14.0	D	2.3	7.2		PERRIS	
31	13	27	33.7	33 58.3	117 13.9	A	2.4	8.0	R	PERRIS	
31	21	58	32.1	32 52.8	115 29.2	B	2.5	8.0	R	HOLTVILLE	

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2	21	58	31.0	34 21.8	118 16.5	D	1.7	6.3		SAN FERNANDO	
3	22	53	23.5	33 59.8	118 2.2	C	2.8	5.0		DOWNEY	
4	1	58	2.8	33 53.5	118 12.1	C	2.1	1.2		DOWNEY	
4	4	28	2.5	33 55.2	118 16.4	C	1.7	5.0		REDONDO	
4	7	16	44.0	33 41.9	116 40.7	A	3.0	8.0	R	IDYLLWILD	
5	11	34	11.1	34 14.3	119 40.4	B	2.6	8.0	R	SANTA CRUZ I NE	
6	23	35	43.7	34 25.2	118 24.7	D	1.7	7.6		SAN FERNANDO	
7	10	14	45.4	34 9.9	117 29.1	D	1.7	6.7		SAN BERNARDINO	
7	12	27	46.0	34 11.0	118 5.8	C	1.7	4.3		PASADENA	
7	15	51	49.9	34 20.8	118 23.4	C	1.7	5.8		SAN FERNANDO	
7	21	57	34.0	34 1.7	118 2.3	D	1.7	3.9		PASADENA	
8	4	58	13.4	34 20.8	118 18.9	C	1.7	8.0		SAN FERNANDO	
8	14	28	51.6	33 57.2	118 13.3	D	1.7	5.0		DOWNEY	
9	5	24	8.5	32 59.0	115 52.8	A	2.6	8.0	R	PLASTER CITY	
9	13	12	52.4	34 21.2	118 26.8	C	1.7	5.0		SAN FERNANDO	
9	21	6	0.9	33 14.1	116 50.2	B	2.3	8.0	R	RAMONA	
9	22	48	7.0	34 5.1	118 43.0	B	2.5	8.0	R	CALABASAS	
10	21	2	52.4	34 1.7	116 55.4	A	3.2	8.0	R	SAN GORGONIO MTN	
10	23	33	34.1	32 57.5	115 28.8	B	2.4	8.0	R	HOLTVILLE	
11	0	7	30.8	32 57.6	115 29.3	B	2.6	8.0	R	HOLTVILLE	
11	1	8	52.9	32 57.8	115 30.0	B	2.6	8.0	R	BRAWLEY	
11	3	6	31.0	32 58.3	115 30.4	B	3.2	8.0	R	BRAWLEY	
11	20	10	30.8	34 21.9	118 23.0	D	1.7	5.0		SAN FERNANDO	
12	4	37	54.4	34 36.4	118 38.7	B	2.5	8.0	R	LIEBRE MTN	
12	9	53	1.3	34 1.9	117 35.3	A	2.7	8.0	R	ONTARIO	
12	9	53	1.3	34 1.9	117 36.1	A	2.7	8.0	R	ONTARIO	
12	23	1	17.2	34 23.5	118 26.3	C	1.7	7.4		SAN FERNANDO	
13	1	18	12.7	36 3.5	117 38.8	A	2.9	8.0	R	COSO PEAK	
13	6	22	41.0	34 37.3	118 39.8	D	1.7	5.0		LIEBRE MTN	
13	15	3	23.0	34 7.3	117 24.4	D	1.7	5.0		SAN BERNARDINO	
13	15	18	39.2	34 18.5	117 38.5	D	1.7	5.0		SAN ANTONIO	
14	1	37	36.9	31 54.3	116 4.3	B	3.5	8.0	R	SANTO TOMAS	M
14	3	39	53.1	34 18.5	118 18.6	C	1.7	5.0		SAN FERNANDO	
14	7	25	53.5	36 3.2	117 38.9	B	2.2	8.0	R	COSO PEAK	
14	11	7	50.8	34 34.1	118 11.1	A	2.9	8.0	R	LANCASTER	
	FELT		PALMDALE								
14	14	46	41.3	34 20.4	118 30.1	C	1.7	8.2		SANTA SUSANA	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1972

CA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
15	0	37	53.4	34 22.0	118 22.4	C	1.7	5.3		SAN FERNANDO	
15	1	10	13.1	33 54.5	116 16.4	A	2.4	8.0	R	THOUSAND PALMS	
15	6	58	59.7	33 53.9	117 52.1	A	2.2	8.0	R	ANAHEIM	
15	14	49	5.7	35 14.8	118 51.9	B	3.3	8.0	R	COMANCHE POINT	
	FELT ARVIN-LAMONT AREA										
15	16	4	49.9	33 53.3	117 52.8	C	1.7	5.0		ANAHEIM	
15	16	44	9.9	35 14.6	118 50.5	B	3.0	8.0	R	COMANCHE POINT	
15	20	51	17.4	31 51.6	116 39.4	B	4.0	8.0	R	ENSENADA	M
16	1	42	14.6	34 1.6	117 35.8	A	2.2	8.0	R	ONTARIO	
16	6	32	59.7	34 32.4	118 29.6	D	1.7	5.0		BOUQUET RESERVOIR	
16	7	14	50.4	34 1.7	117 35.1	A	2.1	8.0	R	ONTARIO	
16	7	52	48.1	34 13.5	118 34.5	D	1.7	3.7		CALABASAS	
16	20	15	41.1	34 17.8	118 33.7	C	1.7	0.3		SANTA SUSANA	
16	21	53	18.2	33 44.3	117 31.4	A	3.1	8.0	R	SANTIAGO PEAK	
	FELT ONTARIO										
17	3	39	27.3	34 21.3	118 22.7	D	1.7	5.4		SAN FERNANDO	
17	9	18	0.1	34 23.4	118 24.7	A	2.4	8.0	R	SAN FERNANDO	
17	10	25	48.4	34 17.9	118 34.4	C	1.7	1.3		SANTA SUSANA	
17	18	27	57.1	35 54.9	116 15.6	B	2.6	8.0	R	SHOSHONE	
18	15	8	38.7	34 2.9	116 46.4	A	3.4	8.0	R	SAN GORGONIO MTN	
18	19	33	25.5	34 17.2	118 34.7	A	2.2	8.0	R	SANTA SUSANA	
18	20	17	9.5	34 23.7	118 25.6	A	2.3	8.0	R	SAN FERNANDO	
18	20	34	17.6	34 23.2	118 24.1	C	1.7	9.3		SAN FERNANDO	
20	6	1	53.1	34 0.3	118 24.7	D	1.7	5.0		SANTA MONICA	
20	6	56	5.6	34 4.2	117 16.9	B	2.3	8.0	R	SAN BERNARDINO	
20	8	4	58.3	34 21.4	118 10.4	D	1.7	5.0		ACTON	
21	4	48	41.3	34 22.2	118 20.4	C	1.7	7.2		SAN FERNANDO	
21	9	27	1.2	34 5.5	116 46.7	A	2.6	8.0	R	SAN GORGONIO MTN	
21	20	20	1.2	34 27.4	118 0.4	B	1.9	8.0	R	ACTON	
21	23	41	58.5	33 36.2	118 0.4	C	1.7	8.9		LAS BOLSAS	
22	2	20	59.9	34 1.0	116 47.2	A	2.9	8.0	R	SAN GORGONIO MTN	
22	12	10	50.3	34 1.1	117 37.8	A	2.0	8.0	R	ONTARIO	
23	2	32	35.5	32 48.7	116 35.3	A	2.4	8.0	R	CUYAMACA PEAK	
23	14	4	55.5	34 28.0	118 24.8	C	1.7	9.8		SAN FERNANDO	
23	14	5	24.5	34 24.8	118 24.1	C	1.7	1.6		SAN FERNANDO	
23	14	36	7.1	34 26.2	118 21.2	C	1.7	8.1		SAN FERNANDO	
23	16	13	13.4	34 24.3	118 32.0	C	1.7	0.0		SANTA SUSANA	
23	18	23	41.2	34 25.9	118 29.7	D	1.7	1.3		SAN FERNANDO	
23	18	56	48.1	34 25.0	118 31.3	C	2.5	5.0		SANTA SUSANA	
24	2	51	26.4	32 57.3	117 53.4	B	2.8	8.0	R	THIRTYMILE BANK	
24	7	13	39.6	33 51.3	118 29.8	D	1.7	6.3		REDONDO	
24	13	2	8.2	34 32.3	118 37.8	D	1.7	4.6		LIEBRE MTN	
24	20	4	4.4	34 23.5	118 28.6	D	1.7	7.7		SAN FERNANDO	
24	23	16	10.8	33 38.5	117 50.8	D	1.7	2.7		SANTA ANA	
25	0	5	35.9	34 1.5	117 36.1	A	2.8	8.0	R	ONTARIO	
25	3	20	2.9	34 0.7	117 36.0	A	2.7	8.0	R	ONTARIO	
25	3	21	48.2	33 56.4	117 51.2	D	1.7	3.1		ANAHEIM	
25	3	24	59.7	34 1.0	117 36.1	A	3.0	8.0	R	ONTARIO	
25	6	57	38.2	34 1.0	117 35.8	A	3.4	8.0	R	ONTARIO	
	FELT ONTARIO										
25	7	2	6.5	34 0.9	117 36.4	A	3.5	8.0	R	ONTARIO	
	FELT ONTARIO										

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
25	7	7	39.6	34 1.0	117 36.3	A	3.2	8.0	R	ONTARIO	
	FELT ONTARIO										
25	7	45	57.9	34 0.3	117 43.2	C	1.7	5.3		ONTARIO	
25	7	48	38.2	33 52.8	117 58.6	C	1.7	6.5		ANAHEIM	
25	7	49	20.0	34 2.4	117 39.2	D	1.7	5.6		ONTARIO	
25	8	6	8.0	34 1.8	117 39.4	C	1.7	5.8		ONTARIO	
25	8	14	23.5	34 1.7	117 40.2	D	1.7	5.8		ONTARIO	
25	8	22	14.4	34 1.9	117 36.4	A	2.6	8.0	R	ONTARIO	
25	8	22	47.5	34 3.2	117 35.3	A	2.6	8.0	R	ONTARIO	
25	8	36	28.5	33 18.1	117 59.3	A	2.3	8.0	R	GULF OF SANTA CATALINA	
25	11	21	32.4	33 59.2	117 39.5	B	2.9	8.0	R	CORONA	
25	19	31	39.2	36 39.0	118 0.2	B	2.6	8.0	R	LONE PINE	
26	0	13	10.2	34 24.7	118 35.8	D	1.7	0.9		SANTA SUSANA	
26	0	59	1.9	34 1.0	117 35.9	B	2.6	8.0	R	ONTARIO	
26	3	23	6.9	33 59.3	117 37.4	D	1.7	8.6		CORONA	
26	4	32	4.7	34 22.6	118 23.5	C	1.7	8.5		SAN FERNANDO	
26	5	19	4.7	34 17.8	118 34.5	C	1.7	1.3		SANTA SUSANA	
26	6	57	17.5	34 16.3	117 0.3	A	2.8	8.0	R	LAKE ARROWHEAD	
27	2	30	15.8	34 22.0	118 22.1	C	1.7	5.5		SAN FERNANDO	
27	9	30	29.8	34 1.9	117 37.4	A	2.6	8.0	R	ONTARIO	
27	11	4	15.3	34 2.3	117 36.6	A	2.3	8.0	R	ONTARIO	
27	20	40	25.8	34 19.1	118 18.5	B	2.3	8.0	R	SAN FERNANDO	
28	1	13	46.3	32 48.6	116 33.1	A	2.2	8.0	R	CUYAMACA PEAK	
28	4	18	0.3	33 53.0	118 16.9	A	2.3	8.0	R	REDONDO	
	FELT GARDENA AND VENICE										
28	8	55	44.9	34 2.1	117 36.9	A	2.0	8.0	R	ONTARIO	
28	13	15	31.8	33 35.1	116 37.6	B	2.1	8.0	R	IDYLLWILD	
28	16	18	59.1	33 35.0	116 38.2	A	2.7	8.0	R	IDYLLWILD	
28	19	31	48.9	34 14.4	118 27.3	C	1.7	5.0		SANTA MONICA	
29	21	25	37.2	32 11.6	115 45.6	C	2.4	8.0	R	LAGUNA SALADA	M
29	22	50	36.1	35 5.1	118 22.1	B	2.2	8.0	R	TEHACHAPI	
30	6	17	7.6	34 24.4	118 23.2	A	2.0	8.0	R	SAN FERNANDO	

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1	1	42	26.9	34 34.0	118 47.7	B	2.6	8.0	R	ALAMO MTN	
2	3	39	36.9	32 35.8	115 15.7	C	2.6	8.0	R	CALEXICO	
2	5	3	0.6	34 2.7	117 39.6	C	1.7	5.3		ONTARIO	
3	14	19	43.2	34 15.7	117 45.8	D	1.7	5.8		VALYERMO	
3	15	15	40.4	34 25.0	118 25.1	C	1.7	5.0		SAN FERNANDO	
3	16	2	52.6	33 54.2	117 46.8	C	1.7	5.0		ANAHEIM	
4	3	2	44.7	33 14.2	116 4.5	A	3.2	8.0	R	BORREGO MTN	
5	3	0	37.0	34 22.2	118 23.4	C	1.7	5.6		SAN FERNANDO	
6	10	56	31.7	35 49.3	117 40.0	A	2.6	8.0	R	MOUNTAIN SPRINGS CANYON	
6	14	28	35.6	34 21.5	118 24.6	D	1.7	5.0		SAN FERNANDO	
9	1	7	27.4	34 16.1	118 19.4	C	1.7	5.5		SAN FERNANDO	
10	5	5	51.4	34 15.4	118 35.6	C	1.7	6.6		SANTA SUSANA	
10	9	59	38.6	34 2.2	117 35.1	A	1.8	8.0	R	ONTARIO	
10	10	22	10.1	33 60.0	117 36.2	A	3.2	8.0	R	CORONA	
10	10	54	26.1	34 2.2	117 35.5	A	2.1	8.0	R	ONTARIO	
10	11	14	44.6	34 1.2	117 36.4	A	2.0	8.0	R	ONTARIO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, DEC, 1972

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
11	3	32	43.2	34 2.0	117 37.8	A	2.0	8.0	R	ONTARIO	
12	11	23	21.7	34 21.8	118 23.5	B	1.7	5.0		SAN FERNANDO	
12	18	49	10.0	33 59.8	118 27.2	C	1.7	9.2		REDONDO	
13	5	4	19.9	34 1.4	117 36.4	A	3.1	8.0	R	ONTARIO	
	FELT ONTARIO										
13	5	12	55.8	34 1.1	117 36.6	A	3.4	8.0	R	ONTARIO	
	FELT ONTARIO										
15	11	29	13.9	34 9.1	117 28.3	D	1.7	5.6		SAN BERNARDINO	
16	13	5	26.3	33 35.0	117 50.8	D	1.7	7.3		SANTA ANA	
18	1	59	37.4	32 37.8	117 13.4	B	2.5	8.0	R	SAN DIEGO	
18	5	52	32.4	33 14.4	116 4.1	A	3.2	8.0	R	BORREGO MTN	
18	10	56	49.8	35 16.4	118 29.8	B	2.9	8.0	R	EMERALD MTN	
18	22	8	4.9	32 51.8	115 59.4	A	2.8	8.0	R	PLASTER CITY	
19	22	31	59.4	33 59.7	116 3.1	B	2.0	8.0	R	LOST HORSE MTN	
19	22	32	21.9	33 58.7	116 3.6	B	3.8	8.0	R	LOST HORSE MTN	
20	1	44	14.5	34 9.0	118 7.4	D	1.7	5.0		PASADENA	
20	23	19	49.1	34 23.5	118 35.8	D	1.7	5.0		SANTA SUSANA	
21	2	37	55.2	35 58.9	117 41.5	B	3.9	8.0	R	MOUNTAIN SPRINGS CANYON	
	FELT LITTLE LAKE										
21	2	50	7.3	35 57.8	117 46.1	A	3.3	8.0	R	LITTLE LAKE	
21	2	56	37.2	36 0.1	117 44.8	B	3.3	8.0	R	COSO PEAK	
21	5	11	24.6	34 21.9	118 20.6	C	1.7	5.9		SAN FERNANDO	
21	5	15	54.0	35 56.3	117 41.3	B	3.6	8.0	R	MOUNTAIN SPRINGS CANYON	
21	10	31	27.6	35 58.6	117 42.2	B	3.7	8.0	R	MOUNTAIN SPRINGS CANYON	
21	17	43	10.1	34 23.5	118 24.8	D	1.7	0.5		SAN FERNANDO	
22	0	52	35.6	35 58.8	117 46.0	B	2.9	8.0	R	LITTLE LAKE	
22	2	37	3.8	35 57.9	117 45.5	B	2.6	8.0	R	LITTLE LAKE	
22	2	37	44.6	36 4.3	117 34.6	B	3.2	8.0	R	COSO PEAK	
22	11	28	36.1	34 6.1	116 46.1	A	3.4	8.0	R	SAN GORGONIO MTN	
22	13	6	28.3	34 1.4	118 30.2	C	2.2	9.1		CALABASAS	
24	14	9	31.8	34 22.2	118 23.2	C	1.7	6.8		SAN FERNANDO	
24	17	23	0.9	33 49.3	117 28.6	C	1.7	6.7		RIVERSIDE	
25	2	19	37.1	33 50.4	118 39.1	D	1.7	5.0		SANTA MONICA BAY	
25	12	39	17.3	34 25.7	118 26.0	C	1.7	5.0		SAN FERNANDO	
25	16	24	36.6	35 59.7	118 0.3	A	2.9	8.0	R	LAMONT PEAK	
26	14	41	20.9	35 56.7	117 46.9	B	2.4	8.0	R	LITTLE LAKE	
28	19	49	36.3	33 29.8	116 31.4	A	3.1	8.0	R	WARNER SPRINGS	
28	20	7	25.1	33 29.7	116 30.9	A	3.1	8.0	R	WARNER SPRINGS	
29	20	24	0.4	33 56.5	118 24.2	C	1.7	5.0		REDONDO	
30	0	37	49.3	32 35.4	116 25.2	C	2.5	8.0	R	CAMPO	
30	18	1	41.0	34 3.9	117 36.2	C	2.4	8.8		ONTARIO	
31	2	0	56.4	34 15.2	118 29.2	D	1.7	5.0		SAN FERNANDO	
31	6	6	39.3	31 57.5	116 13.5	C	2.6	8.0	R	SANTO TOMAS	M
31	15	25	29.9	34 11.2	117 34.5	C	1.7	9.6		ONTARIO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
1	0	55	55.2	34 10.3	117 32.7	C	1.7	5.0		ONTARIO	
2	2	45	48.6	33 37.4	117 19.1	A	3.1	8.0	R	LAKE ELSINORE	
3	0	59	38.2	34 49.0	116 19.3	B	2.6	6.0	R	CADY MTS	
3	3	21	53.9	31 34.5	115 43.0	C	3.7	8.0	R	SIERRA JUAREZ SE	M
3	6	30	44.3	32 36.4	115 16.2	A	2.3	8.0	R	CALEXICO	
3	22	47	23.4	34 22.7	118 24.3	B	1.7	8.7		SAN FERNANDO	
3	22	52	49.7	34 25.7	118 24.1	D	1.7	3.1		SAN FERNANDO	
4	3	37	48.0	33 59.9	117 12.9	C	1.7	7.3		PERRIS	
4	20	31	8.8	34 9.5	119 35.4	B	2.6	8.0	R	SANTA CRUZ I NE	
4	20	55	18.8	34 13.1	118 13.2	C	1.7	4.4		PASADENA	
5	1	6	35.7	32 23.1	115 14.0	C	2.7	8.0	R	SIERRA CUCAPA	M
5	6	37	45.1	31 41.2	115 44.2	C	3.5	8.0	R	SIERRA JUAREZ SE	M
5	14	11	33.3	33 37.3	117 56.1	C	1.7	0.8		SANTA ANA	
6	0	5	26.0	31 42.8	115 52.2	C	3.2	8.0	R	SIERRA JUAREZ SE	M
6	0	33	27.2	33 51.6	117 30.2	C	1.7	5.0		CORONA	
6	0	57	53.1	32 41.3	116 23.8	B	2.1	8.0	R	CAMPO	
6	1	44	14.3	34 37.7	118 45.4	B	2.4	8.0	R	ALAMO MTN	
6	8	7	35.5	34 22.1	117 37.9	D	1.7	5.9		SAN ANTONIO	
7	3	51	39.1	33 54.8	118 39.2	D	2.2	5.0		SANTA MONICA BAY	
8	7	38	27.1	34 1.6	117 36.6	A	3.0	8.0	R	ONTARIO	
8	9	5	40.6	34 12.9	117 30.7	C	1.7	5.5		ONTARIO	
8	23	50	38.0	33 41.2	117 18.5	C	1.7	6.4		LAKE ELSINORE	
9	7	34	59.2	34 21.5	118 16.8	D	1.7	7.9		SAN FERNANDO	
9	10	3	34.9	34 2.2	118 2.9	C	1.7	1.5		PASADENA	
9	12	59	10.9	31 22.0	115 45.2	C	4.2	8.0	R	VALLE TRINIDAD	M
9	14	17	31.9	34 0.7	117 35.1	C	1.7	6.2		ONTARIO	
10	6	9	36.1	34 0.9	117 33.9	D	1.7	8.6		ONTARIO	
10	11	35	49.1	33 56.8	117 33.8	D	1.7	6.0		CORONA	
11	4	48	20.7	33 46.9	118 8.8	C	1.7	5.0		DOWNEY	
11	11	44	44.0	34 13.3	117 35.7	D	1.7	8.9		ONTARIO	
11	19	53	48.4	33 43.6	118 3.5	B	2.5	8.0	R	ONYX	
12	3	56	35.0	33 0.3	117 52.6	B	3.0	8.0	R	GULF OF SANTA CATALINA	
13	0	34	19.7	32 42.5	116 23.7	B	2.0	8.0	R	CAMPO	
13	6	52	10.0	34 11.7	117 47.6	C	1.7	5.0		FONTANA	
13	12	23	35.8	31 39.3	116 13.6	C	3.4	8.0	R	SANTO TOMAS	M
13	12	34	37.5	34 17.0	117 38.8	D	1.7	5.5		SAN ANTONIO	
13	14	5	38.1	34 21.1	118 25.2	B	1.7	7.7		SAN FERNANDO	
13	18	46	21.0	33 28.4	116 27.5	A	3.3	8.0	R	CLARK LAKE	
13	19	36	5.6	33 28.3	116 27.8	A	2.6	8.0	R	CLARK LAKE	
13	21	37	54.0	33 27.6	116 28.4	A	2.5	8.0	R	CLARK LAKE	
13	21	38	41.4	33 28.0	116 28.1	A	2.5	8.0	R	CLARK LAKE	
14	3	5	41.3	35 46.0	118 2.3	B	2.7	8.0	R	LAMONT PEAK	
14	4	44	11.1	34 26.7	118 22.6	C	2.4	8.0		SAN FERNANDO	
14	6	53	32.5	34 3.7	117 2.5	C	1.7	4.2		REDLANDS	
14	7	52	27.1	33 54.2	117 45.6	C	1.7	5.0		ANAHEIM	
15	4	52	36.6	34 24.2	118 7.8	C	1.7	5.0		ACTON	
15	20	3	3.3	34 23.5	118 24.1	D	1.7	9.6		SAN FERNANDO	
16	0	11	43.9	32 39.1	115 56.2	B	3.0	8.0	R	COYOTE WELLS	
16	13	29	38.6	34 24.8	118 23.5	D	1.7	0.1		SAN FERNANDO	
16	13	38	27.0	34 8.6	117 26.7	A	2.3	8.0	R	SAN BERNARDINO	
16	14	35	31.6	34 23.5	118 24.1	C	1.7	9.0		SAN FERNANDO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
16	22	44	45.6	34 6.1	117 28.8	D	1.7	5.5		SAN BERNARDINO	
18	3	19	22.3	34 27.3	118 4.6	B	2.2	8.0	R	ACTON	
18	15	31	19.1	35 56.3	117 45.8	C	2.7	8.0	R	LITTLE LAKE	
18	19	21	35.7	34 1.9	117 32.9	A	2.7	8.0	R	ONTARIO	
19	15	16	38.8	34 3.4	117 16.7	D	1.7	9.7		SAN BERNARDINO	
19	23	13	2.7	34 26.4	118 24.8	C	1.7	1.4		SAN FERNANDO	
20	11	22	33.6	33 4.4	117 34.1	A	2.5	8.0	R	GULF OF SANTA CATALINA	
21	1	12	27.0	34 57.3	116 43.1	B	2.3	8.0	R	NEWBERRY	
21	16	27	33.7	34 1.4	117 35.6	C	1.7	9.9		ONTARIO	
22	10	7	27.9	34 9.6	117 32.6	C	1.7	8.6		ONTARIO	
22	10	24	29.2	33 15.4	116 14.2	A	3.0	8.0	R	RABBIT PEAK	
22	13	28	0.0	34 5.2	117 19.4	C	1.7	5.4		SAN BERNARDINO	
23	0	5	20.3	34 1.9	117 36.6	A	2.7	8.0	R	ONTARIO	
23	6	30	38.1	33 19.5	116 21.8	A	2.9	8.0	R	CLARK LAKE	
23	13	5	37.6	36 0.4	120 23.8	B	3.5	8.0	R	COALINGA	*
23	15	18	45.5	34 3.5	117 18.6	D	1.7	9.6		SAN BERNARDINO	
23	15	19	22.8	34 2.7	117 20.0	C	1.7	5.7		SAN BERNARDINO	
23	17	29	28.6	34 1.9	117 36.3	A	2.6	8.0	R	ONTARIO	
23	21	1	8.5	34 8.0	117 24.0	C	1.7	6.0		SAN BERNARDINO	
24	0	41	26.6	32 47.9	116 38.1	B	1.8	8.0	R	COYAMACA PEAK	
24	1	33	26.2	34 45.9	116 21.0	B	2.7	8.0	R	CADY MTS	
24	1	41	20.8	32 48.5	116 35.4	A	2.3	8.0	R	COYAMACA PEAK	
25	5	25	5.7	34 20.4	118 17.0	D	1.7	6.1		SAN FERNANDO	
25	10	27	20.7	34 2.4	117 35.3	D	1.7	5.6		ONTARIO	
25	15	18	6.9	31 57.7	116 46.2	B	2.5	8.0	R	ENSENADA	M
25	22	37	58.6	31 57.2	116 44.6	A	3.0	8.0	R	ENSENADA	M
26	0	34	47.6	32 43.9	116 26.8	A	2.6	8.0	R	CAMPO	
27	0	38	5.7	32 41.7	116 23.8	B	2.0	8.0	R	CAMPO	
27	2	7	37.8	34 26.9	118 35.8	D	1.7	1.6		SANTA SUSANA	
27	9	0	31.5	33 58.5	117 13.4	D	1.7	5.7		PERRIS	
27	12	42	4.2	34 27.5	118 24.7	C	1.7	8.8		SAN FERNANDO	
27	12	52	29.0	34 21.8	118 24.8	C	1.7	7.8		SAN FERNANDO	
27	13	42	19.0	34 23.5	118 24.1	C	1.7	8.8		SAN FERNANDO	
27	13	45	47.3	34 20.2	118 25.3	D	1.7	0.8		SAN FERNANDO	
27	13	48	51.3	34 26.5	118 24.9	A	3.7	8.0	R	SAN FERNANDO	
	FELT	NEWHALL	SAUGUS	AND LOS FELIZ	DISTRICT						
27	13	54	46.9	34 23.5	118 24.1	C	1.7	9.5		SAN FERNANDO	
27	13	55	14.4	34 26.5	118 26.0	A	3.5	8.0	R	SAN FERNANDO	
27	13	58	44.2	34 23.0	118 25.7	C	1.7	0.1		SAN FERNANDO	
27	13	59	45.4	34 27.0	118 24.7	C	1.7	0.6		SAN FERNANDO	
27	14	0	30.1	34 26.8	118 24.8	C	1.7	0.0		SAN FERNANDO	
27	14	28	20.6	34 27.3	118 24.9	C	1.7	0.2		SAN FERNANDO	
27	14	31	50.3	33 43.8	117 24.0	D	1.7	9.4		LAKE ELSINORE	
27	14	32	46.8	34 23.5	118 24.1	C	1.7	9.6		SAN FERNANDO	
27	21	54	51.3	31 43.6	116 23.1	C	2.9	8.0	R	SANTO TOMAS	M
28	1	12	16.4	36 22.1	117 49.8	B	2.7	8.0	R	KEELER	
28	2	20	2.4	32 58.1	115 52.1	B	2.4	8.0	R	PLASTER CITY	
28	6	3	21.1	34 22.9	118 25.4	C	1.7	9.5		SAN FERNANDO	
28	7	24	49.0	34 8.8	117 25.3	D	1.7	5.8		SAN BERNARDINO	
28	12	44	6.6	34 27.5	118 26.3	A	2.3	8.0	R	SAN FERNANDO	
28	13	56	58.2	34 3.6	117 26.5	C	1.7	9.7		SAN BERNARDINO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
28	14	5	23.3	34 8.7	117 25.5	D	1.7	5.9		SAN BERNARDINO	
28	19	30	18.2	33 42.8	118 35.8	D	2.4	6.3		SAN PEDRO CHANNEL	
29	3	31	54.5	34 21.6	118 22.7	D	1.7	4.2		SAN FERNANDO	
29	6	25	50.3	34 11.5	118 12.2	C	1.7	6.4		PASADENA	
29	21	37	53.6	31 36.5	115 53.5	C	4.0	8.0	R	SIERRA JUAREZ SE	M
30	2	51	48.8	33 49.9	115 48.7	B	2.7	8.0	R	HEXIE MTNS	
30	10	44	13.1	33 47.0	115 55.8	A	2.6	8.0	R	HEXIE MTNS	
30	22	39	36.3	34 6.4	117 34.0	D	1.7	4.8		ONTARIO	
31	0	14	40.2	35 11.5	117 21.0	B	2.7	8.0	R	FREMONT PEAK	
31	7	36	36.5	34 16.4	118 18.3	C	1.7	5.5		SAN FERNANDO	
31	9	12	8.2	34 7.1	117 34.2	C	1.7	6.6		ONTARIO	
31	16	43	49.8	34 22.1	118 21.9	D	1.7	0.0		SAN FERNANDO	

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1	8	12	31.6	34 27.0	118 5.5	A	2.0	8.0	R	ACTON	
1	8	27	22.6	35 19.9	118 35.8	B	2.2	8.0	R	BRECKENRIDGE MTN	
1	8	45	18.7	32 34.3	115 28.4	C	2.6	8.0	R	CALEXICO	
1	11	53	35.9	34 7.1	117 27.8	A	2.7	8.0	R	SAN BERNARDINO	
3	0	37	51.6	32 31.6	116 28.9	C	2.6	8.0	R	CAMPO	
3	22	46	59.9	34 20.8	118 21.4	C	1.7	3.0		SAN FERNANDO	
3	22	57	49.9	34 20.3	118 21.2	C	1.7	0.5		SAN FERNANDO	
3	23	45	12.6	34 3.2	116 44.4	A	3.0	8.0	R	MORONGO VALLEY	
4	2	30	50.3	34 24.4	118 21.4	A	3.2	8.0	R	SAN FERNANDO	
	FELT GLENDALE										
4	5	16	42.3	34 37.8	118 38.0	D	1.7	7.0		LIEBRE MTN	
5	1	37	45.6	34 26.1	118 22.2	A	3.5	8.0	R	SAN FERNANDO	
	FELT SAUGUS										
5	3	11	15.6	34 20.8	118 19.1	C	1.7	6.3		SAN FERNANDO	
5	7	22	4.3	34 21.4	118 22.1	C	1.7	4.2		SAN FERNANDO	
5	8	14	41.8	34 20.5	118 24.3	B	1.7	3.4		SAN FERNANDO	
5	15	7	39.0	34 9.5	118 27.3	D	1.7	5.0		SANTA MONICA	
5	15	50	3.6	34 4.8	117 34.4	D	1.7	3.2		ONTARIO	
5	18	29	37.7	34 11.0	118 15.8	B	1.7	3.4		SANTA MONICA	
6	1	1	0.5	33 36.0	118 21.3	B	3.5	8.0	R	SAN PEDRO	
6	1	5	2.8	34 25.5	118 24.1	C	1.7	9.6		SAN FERNANDO	
6	13	39	2.8	34 22.0	118 22.9	C	1.7	7.9		SAN FERNANDO	
7	16	55	21.0	34 18.3	118 15.2	C	1.7	4.7		SAN FERNANDO	
8	16	38	16.3	33 59.8	118 40.4	B	3.3	8.0	R	SANTA MONICA BAY	
	FELT MALIBU										
8	19	34	14.5	34 22.3	118 18.9	D	1.7	9.4		SAN FERNANDO	
8	22	28	28.9	34 20.9	118 24.3	B	1.7	4.0		SAN FERNANDO	
9	7	41	5.6	34 8.1	116 8.4	B	3.2	8.0	R	TWENTYNINE PALMS	
9	12	50	21.8	33 43.9	116 44.3	A	2.7	8.0	R	IDYLLWILD	
9	20	50	46.3	34 22.8	116 49.4	A	2.7	8.0	R	LUCERNE VALLEY	
9	22	19	52.1	34 12.9	116 53.3	A	2.9	8.0	R	SAN GORGONIO MTN	
9	23	10	36.6	36 41.7	115 53.5	C	4.0	8.0	R	MERCURY	* N
10	0	31	47.1	33 51.4	117 29.9	C	1.7	6.9		RIVERSIDE	
10	16	49	26.0	33 51.3	118 40.1	D	1.7	5.0		SANTA MONICA BAY	
10	21	7	4.3	34 11.9	116 55.1	D	1.7	5.8		SAN GORGONIO MTN	
10	22	54	38.9	33 58.8	118 43.9	C	1.7	4.0		SANTA MONICA BAY	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE		
11	4	49	22.4	34 22.0	118 24.1	B	1.7	6.1		SAN FERNANDO		
12	2	40	1.8	34 21.2	118 30.3	A	2.5	8.0	R	SANTA SUSANA		
12	14	23	1.1	35 14.0	118 35.1	B	2.6	8.0	R	CUMMINGS MTN		
12	14	31	27.5	36 9.3	118 7.8	B	3.0	8.0	R	MONACHE MTN		
13	2	13	27.7	34 22.2	118 21.9	B	1.7	7.3		SAN FERNANDO		
13	15	27	38.4	34 21.1	116 50.0	B	2.8	8.0	R	LUCERNE VALLEY		
15	13	33	20.3	32 41.3	115 52.7	B	2.4	8.0	R	COYOTE WELLS		
15	14	3	59.3	34 26.8	118 24.3	B	2.5	8.0	R	SAN FERNANDO		
16	5	5	21.6	34 20.8	118 20.0	D	1.7	5.2		SAN FERNANDO		
16	5	12	7.8	34 14.4	117 38.8	C	1.7	9.7		ONTARIO		
16	6	14	32.7	34 7.6	117 23.2	C	1.7	7.8		SAN BERNARDINO		
17	6	40	35.5	34 23.0	118 24.1	B	1.7	9.1		SAN FERNANDO		
17	8	3	31.1	34 22.8	118 24.1	B	1.7	7.9		SAN FERNANDO		
17	11	9	59.5	37 31.2	118 24.9	B	4.0	8.0	R	WHITE MTN SW		
17	14	58	27.4	31 29.1	116 49.1	C	2.7	8.0	R	CONTINENTAL SHELF		M
17	16	12	55.9	33 49.2	118 33.9	D	1.7	5.0		SANTA MONICA BAY		
18	5	20	41.0	33 22.7	116 56.8	A	2.3	8.0	R	PALOMAR MTN		
18	6	21	13.6	33 22.8	116 58.0	A	2.5	8.0	R	PALOMAR MTN		
18	8	32	34.5	33 22.8	116 57.2	A	2.7	8.0	R	PALOMAR MTN		
18	18	4	45.5	36 49.2	115 55.7	B	4.0	8.0	R	FRENCHMAN LAKE	*	N
19	3	10	44.2	36 43.0	115 56.3	B	3.0	8.0	R	MERCURY	*	N
19	11	15	22.4	36 48.6	115 46.6	B	4.1	8.0	R	FRENCHMAN LAKE	*	N
19	11	18	42.2	36 46.3	115 36.9	B	3.0	8.0	R	INDIAN SPRING-1	*	N
19	11	26	51.2	36 49.0	115 43.3	B	3.7	8.0	R	INDIAN SPRING-1	*	N
19	11	39	0.3	36 51.7	115 41.8	C	3.2	8.0	R	INDIAN SPRING-1	*	N
19	12	22	31.3	36 52.2	115 41.4	C	3.1	8.0	R	INDIAN SPRING-1	*	N
19	13	43	19.6	36 48.7	115 46.1	B	3.8	8.0	R	FRENCHMAN LAKE	*	N
20	10	49	5.0	32 43.1	115 53.3	B	3.5	8.0	R	COYOTE WELLS		
20	14	33	46.8	34 26.0	118 24.4	C	1.7	9.7		SAN FERNANDO		
21	10	24	50.1	36 52.7	120 4.0	A	3.1	8.0	R	MADERA	*	
21	14	45	57.3	34 3.9	119 2.1	B	5.9	8.0	R	HUENEME		
	DAMAGE IN OXNARD FELT SAN LUIS OBISPO TO SAN DIEGO											
21	14	55	8.6	34 3.0	118 58.4	B	3.7	8.0	R	TRIUNFO PASS		
21	14	56	45.6	34 4.7	118 58.5	B	3.6	8.0	R	TRIUNFO PASS		
21	15	59	26.8	34 1.6	119 0.5	B	3.8	8.0	R	HUENEME		
21	23	55	2.5	34 1.0	118 57.5	B	3.3	8.0	R	TRIUNFO PASS		
22	0	14	41.7	34 0.8	118 55.5	B	3.4	8.0	R	TRIUNFO PASS		
22	4	16	47.3	34 4.8	119 0.1	B	3.0	8.0	R	HUENEME		
22	9	30	15.8	34 4.1	119 0.9	B	3.8	8.0	R	HUENEME		
22	12	42	58.4	34 8.4	117 27.6	D	1.7	5.8		SAN BERNARDINO		
22	15	22	47.1	33 60.0	118 59.9	B	2.8	8.0	R	OFF POINT DUME		
23	8	17	17.1	34 4.5	119 8.5	B	3.0	8.0	R	HUENEME		
23	12	32	35.9	33 44.5	117 59.9	C	1.7	9.7		SANTA ANA		
24	9	7	5.4	34 5.3	118 59.0	C	2.3	8.0	R	TRIUNFO PASS		
24	13	12	30.8	34 2.3	118 59.0	C	2.1	8.0	R	TRIUNFO PASS		
24	13	26	31.8	34 2.4	118 59.2	B	2.4	8.0	R	TRIUNFO PASS		
24	20	13	20.1	33 50.0	117 40.2	C	1.7	10.0		CORONA		
24	23	24	9.4	34 23.3	116 18.6	A	3.0	8.0	R	EMERSON LAKE		
25	5	41	41.9	33 15.0	116 47.4	A	3.4	8.0	R	PALOMAR MTN		
26	6	50	40.8	34 6.0	118 59.3	C	2.9	8.0	R	TRIUNFO PASS		
26	12	3	45.7	33 14.5	116 48.2	A	2.7	8.0	R	RAMONA		

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
26	22	29	35.9	34 15.9	118 19.5	A	2.4	8.0	R	SAN FERNANDO	
27	2	10	22.6	34 1.3	119 1.0	B	2.6	8.0	R	HUENEME	
27	4	19	4.6	34 3.3	119 1.6	B	2.8	8.0	R	HUENEME	
28	12	36	10.3	34 2.1	119 1.9	B	2.8	8.0	R	HUENEME	
					MAR, 1973						
1	18	41	41.8	34 4.0	118 59.9	B	2.8	8.0	R	TRIUNFO PASS	
2	2	51	41.2	34 5.0	116 47.0	B	2.8	8.0	R	SAN GORGONIO MTN	
2	12	36	48.0	33 43.0	116 45.3	A	2.7	8.0	R	HEMET	
2	13	45	47.1	35 39.9	118 25.8	B	2.4	8.0	R	ISABELLA	
2	18	31	13.9	35 52.6	118 24.6	B	3.1	8.0	R	KERNVILLE	
	FELT ISABELLA										
2	18	44	28.4	35 47.1	118 27.0	C	2.3	8.0	R	KERNVILLE	
3	13	35	46.6	34 23.0	118 26.0	C	1.7	8.3		SAN FERNANDO	
3	14	15	35.1	34 18.5	118 17.9	D	1.7	5.7		SAN FERNANDO	
3	18	14	49.5	35 14.1	118 32.9	A	4.0	8.0	R	CUMMINGS MTN	
	FELT ARVIN										
3	23	45	16.4	34 10.9	117 58.5	A	2.5	8.0	R	FONTANA	
4	1	55	7.6	34 20.1	118 24.3	B	1.7	0.7		SAN FERNANDO	
5	12	55	59.8	34 2.0	119 0.1	A	3.4	8.0	R	HUENEME	
	FELT CAMARILLO										
6	6	27	37.1	33 55.5	118 29.3	C	1.7	5.0		REDONDO	
6	19	45	18.0	34 21.1	118 22.0	D	1.7	3.4		SAN FERNANDO	
7	0	39	1.8	34 1.0	119 1.7	B	2.7	8.0	R	HUENEME	
7	11	55	35.0	31 52.6	116 8.9	B	3.5	8.0	R	SANTO TOMAS	M
7	12	13	25.5	33 53.8	117 7.2	C	1.7	1.5		PERRIS	
7	16	19	10.5	32 24.8	115 17.0	B	2.4	8.0	R	SIERRA CUCAPA	M
7	18	3	14.1	34 18.3	117 42.6	B	2.8	8.0	R	SAN ANTONIO	
7	22	48	34.6	35 4.9	118 22.2	B	2.5	8.0	R	TEHACHAPI	
7	22	59	14.6	33 2.7	116 15.3	A	2.8	8.0	R	BORREGO	
7	23	49	52.8	33 50.5	118 38.7	B	2.8	8.0	R	SANTA MONICA BAY	
8	6	26	39.9	32 57.5	115 53.5	B	3.0	8.0	R	PLASTER CITY	
8	10	35	6.4	34 26.8	118 36.3	C	1.7	5.7		SANTA SUSANA	
8	10	47	13.2	34 16.8	118 35.8	D	1.7	5.0		SANTA SUSANA	
8	13	39	11.5	34 22.1	118 23.6	C	1.7	7.3		SAN FERNANDO	
9	4	39	4.5	34 39.3	116 51.4	B	2.5	8.0	R	ORD MTS	
9	7	19	0.0	32 39.3	115 52.2	B	2.8	8.0	R	COYOTE WELLS	
9	8	55	32.9	35 23.0	118 30.1	B	2.8	8.0	R	BRECKENRIDGE MTN	
9	23	37	33.6	34 23.5	118 23.8	C	1.7	8.6		SAN FERNANDO	
10	1	40	52.5	34 3.1	118 57.8	A	2.4	8.0	R	TRIUNFO PASS	
10	5	1	45.1	34 21.7	118 22.5	B	1.7	5.8		SAN FERNANDO	
10	14	9	12.8	33 56.6	118 27.3	D	1.7	5.0		REDONDO	
10	15	9	25.5	34 17.4	117 16.1	A	2.0	8.0	R	HESPERA	
11	9	10	49.0	34 5.7	117 14.4	A	2.4	8.0	R	REDLANDS	
11	19	19	39.4	34 24.5	118 37.2	B	2.6	8.0	R	SANTA SUSANA	
12	15	8	38.0	35 55.5	117 27.2	C	3.3	8.0	R	TRONA	
14	22	29	7.7	33 47.9	117 37.9	D	1.7	5.3		CORONA	
15	1	55	39.9	34 25.6	118 25.4	A	2.9	8.0	R	SAN FERNANDO	
15	2	14	42.9	34 22.4	118 24.1	B	1.7	6.7		SAN FERNANDO	
15	2	21	35.4	34 22.7	118 23.4	C	1.7	6.6		SAN FERNANDO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
15	5	42	38.8	32 30.3	115 18.5	C	2.8	8.0	R	CALEXICO
15	10	8	17.9	33 43.7	117 57.1	C	1.7	9.2		SANTA ANA
15	20	26	12.8	33 41.7	117 55.6	D	1.7	3.2		SANTA ANA
16	22	38	21.0	34 3.6	118 59.0	B	3.5	8.0	R	TRIUNFO PASS
	FELT OXNARD AND SYLMAR									
17	0	54	36.1	34 3.6	118 58.8	B	3.7	8.0	R	TRIUNFO PASS
17	3	38	24.4	34 17.4	118 28.4	C	1.7	5.6		SAN FERNANDO
17	6	25	58.8	35 16.4	118 4.6	B	2.2	8.0	R	CROSS MTN
17	8	17	26.6	33 0.4	115 50.8	B	2.8	8.0	R	KANE SPRING
17	9	53	25.6	33 40.6	117 56.4	B	2.6	8.0	R	SANTA ANA
18	23	20	32.5	33 34.9	118 26.0	D	1.7	8.3		SAN PEDRO
19	2	13	48.5	33 34.5	118 22.1	A	3.5	8.0	R	SAN PEDRO
19	2	37	18.7	33 34.2	118 24.8	B	2.4	8.0	R	SAN PEDRO
19	7	14	25.3	33 33.2	118 23.0	B	2.2	8.0	R	SAN PEDRO
19	10	13	27.9	34 21.4	118 23.5	C	1.7	5.0		SAN FERNANDO
19	11	14	44.0	33 33.7	118 23.9	B	2.4	8.0	R	SAN PEDRO
19	19	58	19.0	33 38.7	118 3.2	A	2.5	8.0	R	LAS BOLSAS
19	20	11	51.2	34 17.3	118 28.0	C	1.7	3.1		SAN FERNANDO
20	1	8	35.5	34 46.9	116 21.8	B	2.5	8.0	R	CADY MTS
20	2	15	35.5	33 40.3	118 2.2	C	1.7	5.0		LAS BOLSAS
20	6	35	3.0	33 15.5	116 0.9	A	2.8	8.0	R	RABBIT PEAK
20	13	1	45.1	33 33.2	118 23.0	B	2.2	8.0	R	SAN PEDRO
21	0	14	49.7	34 21.4	118 23.7	C	1.7	5.1		SAN FERNANDO
21	4	11	49.7	33 51.4	118 20.7	A	3.5	8.0	R	REDONDO
	FELT LONG BEACH AND REDONDO BEACH									
21	9	58	6.5	33 34.2	118 19.1	D	1.7	5.8		SAN PEDRO
21	10	0	1.9	33 34.7	118 22.4	C	1.7	5.3		SAN PEDRO
21	10	7	32.5	33 34.5	118 22.6	A	2.6	*		SAN PEDRO
21	10	45	13.6	33 32.7	118 20.9	C	1.7	9.0		SAN PEDRO
21	17	4	22.8	33 33.4	118 22.7	B	2.6	8.0	R	SAN PEDRO
21	17	54	41.2	33 34.4	118 24.7	B	2.9	8.0	R	SAN PEDRO
21	18	55	52.6	34 20.7	118 22.7	C	1.7	5.0		SAN FERNANDO
22	3	39	53.5	34 21.0	118 25.2	B	1.7	3.4		SAN FERNANDO
22	4	40	52.6	34 22.2	118 20.2	D	1.7	4.5		SAN FERNANDO
23	8	26	34.3	34 14.5	117 35.4	A	2.4	8.0	R	ONTARIO
23	8	32	20.9	34 6.3	119 4.7	B	2.3	8.0	R	HUENEME
24	5	31	8.1	33 0.1	116 26.2	A	3.1	8.0	R	BORREGO
24	8	11	31.5	34 27.6	116 29.4	A	3.0	8.0	R	EMERSON LAKE
24	8	23	30.7	34 24.6	116 29.0	B	3.0	8.0	R	EMERSON LAKE
24	8	23	54.6	34 26.1	116 15.5	D	2.7	8.0	R	EMERSON LAKE
24	8	34	50.3	34 27.9	116 29.5	A	2.7	8.0	R	EMERSON LAKE
24	9	53	38.9	33 54.2	116 36.4	B	2.1	8.0	R	PALM SPRINGS
24	13	8	30.6	33 27.0	118 5.5	D	1.7	5.5		GULF OF SANTA CATALINA
25	10	13	4.9	34 6.7	117 27.0	B	2.5	8.0	R	SAN BERNARDINO
25	21	53	51.8	33 23.7	116 58.9	A	3.0	8.0	R	PALOMAR MTN
26	1	27	45.4	33 54.1	118 42.5	B	2.6	8.0	R	SANTA MONICA BAY
26	7	32	59.0	34 10.1	117 24.3	D	1.7	5.9		SAN BERNARDINO
26	9	30	40.7	33 58.9	118 59.8	C	2.3	8.0	R	OFF POINT DUME
26	9	57	52.1	34 7.4	117 25.4	A	3.0	8.0	R	SAN BERNARDINO
	FELT FONTANA									
26	10	5	34.8	34 0.6	117 0.5	A	2.6	8.0	R	REDLANDS

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
26	15	13	31.7	34 3.2	118 34.9	C	3.0	8.0	R	CALABASAS	
	FELT CAMARILLO										
27	0	39	19.8	33 59.8	118 56.9	B	2.3	8.0	R	OFF POINT DUME	
27	0	39	55.6	34 38.0	116 23.7	B	2.5	8.0	R	LAVIC	
27	10	44	56.9	34 13.8	116 20.5	B	3.0	8.0	R	JOSHUA TREE	
28	9	22	24.6	34 0.5	118 12.2	D	1.7	5.9		PASADENA	
28	17	52	26.1	34 9.6	117 18.8	A	3.4	8.0	R	SAN BERNARDINO	
	FELT FONTANA										
28	22	46	27.8	35 1.7	118 25.3	B	2.5	8.0	R	TEHACHAPI	
29	12	19	57.9	34 16.2	116 19.7	A	2.6	8.0	R	EMERSON LAKE	
29	17	54	15.7	34 15.0	119 48.5	B	3.7	8.0	R	SANTA CRUZ I NW	
29	20	40	40.0	32 31.5	115 14.9	C	3.0	8.0	R	MIDWAY WELL	M
29	21	35	34.7	34 0.0	118 29.9	B	3.3	8.0	R	SANTA MONICA	
	FELT SANTA MONICA										
30	5	25	55.2	33 29.5	117 0.7	A	2.5	8.0	R	TEMECULA	
30	5	52	35.5	35 3.5	118 30.9	B	2.7	8.0	R	CUMMINGS MTN	
30	12	47	53.3	34 21.7	118 24.4	B	1.7	6.8		SAN FERNANDO	
30	15	50	21.9	34 2.4	117 16.3	A	3.2	8.0	R	SAN BERNARDINO	
	FELT SAN BERNARDINO										
30	21	35	33.7	34 0.7	118 29.1	C	1.7	5.0		SANTA MONICA	
31	2	59	6.1	34 20.0	117 33.9	D	1.7	8.3		SAN ANTONIO	
31	3	51	39.2	34 1.6	117 17.5	A	2.5	8.0	R	SAN BERNARDINO	
31	5	33	46.4	34 0.7	118 30.6	C	1.7	2.8		CALABASAS	
31	6	11	47.0	34 9.5	117 2.8	A	2.5	8.0	R	REDLANDS	

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2	4	30	48.7	35 18.9	118 33.4	C	2.3	8.0	R	BRECKENRIDGE MTN	
3	0	11	7.5	34 25.9	118 20.9	B	2.3	8.0	R	SAN FERNANDO	
3	7	9	22.7	34 0.6	118 29.0	C	1.7	6.5		SANTA MONICA	
3	22	30	44.4	34 15.9	116 19.4	A	2.8	8.0	R	EMERSON LAKE	
4	5	32	9.1	34 6.3	117 18.3	D	1.7	5.0		SAN BERNARDINO	
4	17	24	26.7	34 25.2	118 24.3	C	1.7	0.4		SAN FERNANDO	
5	11	13	41.0	34 1.1	116 39.6	A	2.6	8.0	R	MORONGO VALLEY	
5	12	42	14.1	35 49.9	118 23.8	B	2.8	8.0	R	KERNVILLE	
5	22	51	57.4	35 3.0	118 19.8	B	2.3	8.0	R	TEHACHAPI	
6	2	13	4.9	33 51.6	117 41.3	D	2.4	2.8		CORONA	
6	4	56	43.3	34 9.0	117 36.2	C	1.7	9.8		ONTARIO	
6	11	5	18.4	33 41.1	117 53.4	C	1.7	8.2		SANTA ANA	
6	11	7	39.6	32 38.0	115 52.0	B	2.5	8.0	R	COYOTE WELLS	
7	0	4	9.8	35 21.9	118 34.7	B	2.5	8.0	R	BRECKENRIDGE MTN	
7	7	43	44.9	33 28.6	116 35.3	A	2.4	8.0	R	WARNER SPRINGS	
7	17	11	1.1	32 30.3	118 2.8	C	3.0	8.0	R	SAN CLEMENTE ESCARPMENT	
7	22	51	13.7	34 17.0	116 19.0	A	3.2	8.0	R	EMERSON LAKE	
8	1	41	0.3	34 17.4	116 18.7	A	2.3	8.0	R	EMERSON LAKE	
8	5	48	39.3	34 17.3	116 18.8	A	2.3	8.0	R	EMERSON LAKE	
8	13	10	31.2	35 26.1	118 40.8	B	2.3	8.0	R	BRECKENRIDGE MTN	
8	19	11	35.6	33 23.6	118 11.3	B	2.7	8.0	R	GULF OF SANTA CATALINA	
8	20	52	45.9	34 21.9	118 26.3	B	1.7	7.6		SAN FERNANDO	
9	4	1	59.4	34 18.3	116 19.6	B	2.3	8.0	R	EMERSON LAKE	
9	4	11	35.8	34 28.1	118 22.9	D	1.7	9.9		SAN FERNANDO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
9	5	22	39.7	34 17.0	116 19.2	A	2.7	8.0	R	EMERSON LAKE
9	9	16	36.3	32 54.7	115 31.4	C	2.5	8.0	R	BRAWLEY
9	9	46	25.7	34 17.7	116 18.8	A	3.0	8.0	R	EMERSON LAKE
9	10	41	3.5	34 14.3	118 35.3	C	1.7	7.3		CALABASAS
9	19	25	13.8	34 13.4	116 20.0	B	3.0	8.0	R	JOSHUA TREE
9	20	0	47.1	34 24.1	118 22.1	A	2.5	8.0	R	SAN FERNANDO
10	11	4	50.2	34 11.7	117 27.9	D	1.7	7.2		SAN BERNARDINO
10	18	8	52.4	34 6.7	118 15.9	D	1.7	5.1		SANTA MONICA
11	0	57	21.3	34 17.6	117 23.3	C	1.7	5.0		HESPERA
11	5	40	14.3	34 20.1	118 21.9	C	1.7	1.2		SAN FERNANDO
11	8	0	48.9	34 7.3	117 26.4	A	3.3	8.0	R	SAN BERNARDINO
	FELT SAN BERNARDINO AND RIALTO									
11	8	48	7.4	34 20.3	118 21.5	C	1.7	6.2		SAN FERNANDO
12	0	15	7.3	34 2.6	118 6.9	D	1.7	8.1		PASADENA
12	3	33	10.9	34 25.6	118 25.3	A	2.7	8.0	R	SAN FERNANDO
12	13	57	2.6	34 18.2	116 19.1	A	3.5	8.0	R	EMERSON LAKE
12	14	6	30.0	34 18.0	116 20.2	B	2.5	8.0	R	EMERSON LAKE
12	14	48	54.2	34 16.4	118 30.6	B	2.0	8.0	R	SANTA SUSANA
12	21	22	33.3	34 18.3	116 22.3	B	2.9	8.0	R	EMERSON LAKE
13	0	25	57.5	33 49.0	117 45.8	D	1.7	5.0		ANAHEIM
13	4	40	57.9	34 22.8	118 24.9	B	1.7	6.7		SAN FERNANDO
13	8	45	32.7	35 42.3	116 35.9	B	3.0	8.0	R	LEACH LAKE
13	12	48	49.2	34 23.5	118 21.8	C	1.7	9.8		SAN FERNANDO
13	12	49	11.3	34 23.5	118 24.1	C	1.7	10.0		SAN FERNANDO
13	16	50	6.2	32 42.7	115 52.7	B	2.0	8.0	R	COYOTE WELLS
14	9	17	4.9	33 39.2	118 0.9	D	1.7	5.9		LAS BOLSAS
15	3	18	5.3	32 37.2	117 7.9	B	3.2	8.0	R	SAN DIEGO
15	11	21	27.1	34 21.1	118 21.1	C	1.7	4.5		SAN FERNANDO
15	17	15	24.3	34 44.1	118 53.5	B	2.4	8.0	R	ALAMO MTN
16	12	52	11.2	33 13.8	116 20.1	A	2.7	8.0	R	BORREGO
17	13	27	31.0	34 58.9	118 48.0	B	2.7	8.0	R	TEJON PASS
17	18	23	5.9	34 20.7	118 22.6	B	1.7	2.5		SAN FERNANDO
17	20	12	37.1	34 56.0	116 49.1	A	2.6	8.0	R	DAGGETT
17	21	33	13.8	34 20.5	118 23.3	B	1.7	3.3		SAN FERNANDO
17	21	34	7.3	34 23.5	118 24.1	D	1.7	9.5		SAN FERNANDO
17	21	34	22.5	34 23.7	118 25.1	A	3.1	8.0	R	SAN FERNANDO
	FELT SYLMAR									
19	10	25	31.6	34 40.2	118 43.6	B	3.3	8.0	R	LIEBRE MTN
19	12	49	54.3	34 22.1	118 22.5	D	1.7	4.9		SAN FERNANDO
19	19	29	44.8	33 57.0	118 38.9	B	2.5	8.0	R	SANTA MONICA BAY
20	0	49	33.9	36 33.6	117 59.9	B	3.0	8.0	R	NEW YORK BUTTE
20	3	44	44.1	37 7.6	118 18.3	C	3.0	8.0	R	BIG PINE
20	22	11	0.8	34 33.0	116 49.4	A	2.3	8.0	R	OKO MTS
21	5	50	41.3	37 5.7	118 15.1	C	2.9	8.0	R	BIG PINE
22	10	1	5.9	34 19.4	118 20.6	C	1.7	7.8		SAN FERNANDO
22	11	42	24.8	34 17.1	118 22.5	D	1.7	8.0		SAN FERNANDO
22	11	48	47.9	34 17.2	118 22.7	D	1.7	7.8		SAN FERNANDO
22	16	15	46.1	34 15.1	117 10.5	A	2.7	8.0	R	LAKE ARROWHEAD
22	20	4	8.3	34 16.8	118 36.7	C	1.7	4.7		SANTA SUSANA
23	0	49	12.3	34 11.0	118 9.5	B	1.7	9.9		PASADENA
23	7	10	58.3	34 14.5	117 10.7	A	2.7	8.0	R	REDLANDS

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
23	16	15	16.3	34 21.2	120 0.1	C	2.4	8.0	R	GAVIOTA	
23	21	4	36.7	34 10.7	117 0.8	A	2.5	8.0	R	REDLANDS	
24	8	39	33.8	34 32.5	116 49.9	A	2.7	8.0	R	ORD MTS	
24	14	54	56.8	34 2.3	118 18.7	C	1.7	1.0		SANTA MONICA	
25	5	1	27.6	34 1.1	117 19.7	D	1.7	5.1		SAN BERNARDINO	
25	17	41	48.2	34 23.6	118 24.9	A	2.8	8.0	R	SAN FERNANDO	
26	5	58	53.7	34 14.9	117 27.3	D	1.7	6.8		SAN BERNARDINO	
26	22	11	24.7	34 16.9	116 21.8	B	2.2	8.0	R	EMERSON LAKE	
27	1	13	35.4	34 23.5	118 23.2	C	1.7	9.3		SAN FERNANDO	
27	3	21	13.1	34 22.8	118 23.5	C	1.7	9.3		SAN FERNANDO	
27	10	24	59.6	34 21.5	118 21.7	C	1.7	5.8		SAN FERNANDO	
27	13	34	7.8	31 34.8	115 56.9	D	2.6	8.0	R	SIERRA JUAREZ SE	M
27	16	1	45.8	34 19.7	118 19.0	C	1.7	7.8		SAN FERNANDO	
27	20	43	38.3	36 34.4	119 58.6	B	2.7	8.0	R	FRESNO	*
27	22	48	57.4	35 6.3	118 17.7	B	2.4	8.0	R	TEHACHAPI	
28	7	9	48.5	34 19.9	118 19.2	D	1.7	6.9		SAN FERNANDO	
28	20	57	8.7	33 54.8	117 9.5	C	1.7	3.1		PERRIS	
28	22	13	17.6	37 29.9	118 29.4	C	2.9	8.0	R	BISHOP	
29	17	32	9.0	36 55.2	118 18.1	C	2.4	8.0	R	MT PINCHOT	
29	20	38	34.5	34 8.3	117 26.7	D	1.7	8.8		SAN BERNARDINO	
30	3	2	32.2	33 22.7	116 58.1	B	2.5	8.0	R	PALOMAR MTN	
30	3	42	29.8	31 40.4	115 49.7	C	3.4	8.0	R	SIERRA JUAREZ SE	M
30	4	1	42.7	33 24.0	116 21.6	A	2.6	8.0	R	CLARK LAKE	

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1	23	31	22.8	34 18.9	118 25.8	B	1.7	5.0		SAN FERNANDO	
2	1	33	13.8	34 18.1	118 14.4	C	1.7	6.0		ACTON	
2	3	32	18.2	33 14.1	116 13.7	A	2.7	8.0	R	BORREGO MTN	
2	7	16	19.7	34 19.4	118 17.4	C	1.7	8.8		SAN FERNANDO	
2	11	26	1.0	34 29.8	118 31.7	D	1.7	5.0		SANTA SUSANA	
2	15	5	0.2	34 20.2	118 22.0	C	1.7	1.8		SAN FERNANDO	
2	15	29	23.0	34 15.9	116 19.0	B	2.9	8.0	R	EMERSON LAKE	
2	19	25	25.0	34 0.2	116 22.5	A	2.8	8.0	R	JOSHUA TREE	
3	10	9	47.7	34 12.6	116 9.8	B	3.5	8.0	R	TWENTYNINE PALMS	
3	15	58	26.7	33 42.1	117 58.2	C	1.7	9.0		SANTA ANA	
3	19	43	35.2	34 24.4	118 24.1	C	2.3	3.8		SAN FERNANDO	
3	21	22	19.7	34 3.0	117 15.8	C	1.7	6.5		SAN BERNARDINO	
4	7	18	2.3	36 0.6	117 49.8	A	2.6	8.0	R	HAIWEE RESERVOIR	
4	8	12	22.8	35 59.9	117 51.2	A	2.7	8.0	R	LITTLE LAKE	
5	4	31	56.5	32 35.8	115 47.2	B	2.9	8.0	R	COYOTE WELLS	
5	4	39	0.6	34 23.0	117 0.7	B	2.4	8.0	R	LAKE ARROWHEAD	
5	5	18	57.4	34 25.5	118 24.8	C	1.7	2.4		SAN FERNANDO	
6	8	52	27.6	33 14.3	116 14.8	B	2.1	8.0	R	BORREGO MTN	
6	10	23	4.1	34 26.5	118 26.9	D	1.7	8.1		SAN FERNANDO	
6	14	35	29.9	34 22.3	118 23.0	B	1.7	7.7		SAN FERNANDO	
7	3	18	12.2	33 6.9	116 31.5	A	2.6	8.0	R	SANTA YSABEL	
7	13	29	31.9	34 23.5	118 21.7	D	1.7	6.7		SAN FERNANDO	
8	7	36	47.7	32 35.5	115 16.0	B	2.5	8.0	R	CALEXICO	
8	8	8	20.9	34 1.8	117 36.6	C	1.7	5.9		ONTARIO	
8	10	52	54.6	32 24.9	116 16.5	B	2.3	8.0	R	SIERRA JUAREZ NW	M

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
8	11	19	9.8	34 56.6	119 9.5	A	2.8	8.0	R	SAN EMIGDIO	
8	12	41	26.5	34 12.8	116 19.0	B	3.6	8.0	R	JOSHUA TREE	
8	13	57	13.7	33 47.9	116 7.2	A	2.4	8.0	R	LOST HORSE MTN	
8	14	0	54.5	34 29.4	118 55.5	B	2.7	8.0	R	PIRU	
8	19	5	13.1	34 25.5	118 24.9	B	2.5	8.0	R	SAN FERNANDO	
8	20	37	27.3	34 25.0	118 25.1	A	3.1	8.0	R	SAN FERNANDO	
	FELT NEWHALL										
8	20	38	51.5	34 24.0	118 25.2	C	1.7	9.3		SAN FERNANDO	
8	20	39	23.1	34 25.0	118 24.5	A	2.5	8.0	R	SAN FERNANDO	
8	20	47	22.0	34 24.2	118 25.0	B	2.3	8.0	R	SAN FERNANDO	
9	3	35	16.4	33 44.2	118 13.4	C	1.7	0.1		LAS BOLSAS	
9	11	53	51.9	34 8.7	116 10.5	A	3.0	8.0	R	TWENTYNINE PALMS	
10	2	15	48.0	34 20.7	118 24.1	D	1.7	5.2		SAN FERNANDO	
10	5	32	24.1	35 55.8	117 13.8	A	3.1	8.0	R	MANLY PEAK	
10	13	30	48.7	33 22.1	116 16.9	A	3.1	8.0	R	CLARK LAKE	
10	13	51	42.9	34 0.3	117 34.6	C	1.7	5.9		ONTARIO	
11	2	35	36.8	33 57.8	118 31.4	B	2.6	8.0	R	SANTA MONICA BAY	
	FELT SANTA MONICA										
11	3	19	9.3	32 31.3	115 1.9	B	3.1	8.0	R	MIDWAY WELL	M
11	3	25	12.6	32 27.1	115 11.7	B	3.8	8.0	R	SIERRA CUCAPA	M
11	14	1	23.0	33 34.3	118 22.3	B	2.8	8.0	R	SAN PEDRO	
11	16	30	38.9	34 9.7	119 10.1	C	2.1	8.0	R	HUENEME	
	FELT OXNARD										
11	23	26	45.8	34 26.0	118 24.1	D	1.7	2.6		SAN FERNANDO	
12	4	41	25.4	34 25.0	118 24.1	C	1.7	1.6		SAN FERNANDO	
12	12	54	23.1	33 55.3	118 38.9	C	1.7	5.0		SANTA MONICA BAY	
12	21	55	24.0	34 2.0	118 59.6	B	3.2	8.0	R	TRIUNFO PASS	
13	1	22	44.4	34 21.9	118 23.1	C	1.7	7.3		SAN FERNANDO	
13	1	52	35.0	33 59.9	118 20.9	A	2.5	8.0	R	REDONDO	
13	2	29	28.6	34 11.6	117 38.1	A	1.9	8.0	R	ONTARIO	
14	0	5	40.6	34 1.4	118 59.8	A	2.4	8.0	R	TRIUNFO PASS	
14	9	59	15.9	34 14.3	118 14.2	C	1.7	6.5		PASADENA	
15	2	21	15.9	34 4.2	118 18.3	B	2.3	8.0	R	SANTA MONICA	
	FELT HOLLYWOOD										
15	4	56	7.7	33 43.9	116 42.9	B	2.5	8.0	R	IDYLLWILD	
15	5	38	49.5	34 21.6	118 21.4	C	1.7	4.5		SAN FERNANDO	
15	17	18	51.1	35 10.5	117 28.9	A	3.1	8.0	R	FREMONT PEAK	
16	0	22	6.8	32 48.0	116 35.3	A	2.1	8.0	R	CUYAMACA PEAK	
16	2	10	38.6	34 17.7	119 50.0	B	2.7	8.0	R	GOLETA	
16	14	11	11.8	34 20.4	118 27.5	C	1.7	4.2		SAN FERNANDO	
16	23	2	60.0	34 48.0	118 44.1	A	2.5	8.0	R	NEENACH	
17	11	30	43.0	33 26.5	116 26.3	A	2.8	8.0	R	CLARK LAKE	
18	6	35	12.2	34 0.2	117 14.0	C	1.7	6.0		REDLANDS	
18	6	35	19.6	34 1.8	117 8.1	A	3.3	8.0	R	REDLANDS	
	FELT RIVERSIDE										
18	23	13	41.2	33 50.2	117 41.6	B	2.0	8.0	R	CORONA	
18	23	37	9.3	32 6.5	115 42.9	C	3.1	8.0	R	LAGUNA SALADA	M
19	0	24	1.1	33 36.0	116 36.0	A	2.4	8.0	R	IDYLLWILD	
19	4	15	30.3	32 1.9	117 8.8	C	3.1	8.0	R	CONTINENTAL SHELF	M
19	13	1	32.5	34 26.0	118 24.1	D	1.7	1.9		SAN FERNANDO	
20	13	39	34.4	34 21.2	118 22.6	C	1.7	4.5		SAN FERNANDO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
20	13	43	7.9	34 22.0	118 25.2	B	1.7	7.8		SAN FERNANDO	
20	14	14	16.0	34 16.1	116 18.4	B	2.4	8.0	R	EMERSON LAKE	
20	17	50	30.4	33 56.5	116 43.2	A	2.6	8.0	R	PALM SPRINGS	
20	18	8	41.9	33 55.8	118 22.0	C	1.7	5.0		REDONDO	
20	20	46	48.3	34 21.3	118 21.2	C	1.7	5.6		SAN FERNANDO	
21	16	49	42.7	35 45.0	117 6.9	B	2.8	8.0	R	MANLY PEAK	
21	23	41	33.9	34 18.2	118 20.7	C	1.7	7.5		SAN FERNANDO	
22	9	22	49.0	33 29.7	116 46.6	A	2.1	8.0	R	PALOMAR MTN	
22	12	13	5.3	33 48.0	117 39.4	A	2.1	8.0	R	CORONA	
22	12	24	50.5	33 48.0	117 44.2	D	1.7	3.0		CORONA	
22	13	11	45.2	34 20.2	118 20.0	C	1.7	5.6		SAN FERNANDO	
23	2	41	25.4	34 19.4	118 18.2	B	2.2	8.0	R	SAN FERNANDO	
23	7	47	6.4	34 15.9	117 11.8	A	2.3	8.0	R	LAKE ARROWHEAD	
23	9	30	36.6	34 22.4	118 22.5	C	1.7	7.8		SAN FERNANDO	
23	17	19	28.7	33 39.5	116 40.9	B	2.5	8.0	R	IDYLLWILD	
24	9	22	43.4	34 19.7	118 18.6	D	1.7	7.6		SAN FERNANDO	
24	9	59	16.4	34 7.5	118 17.4	B	1.9	8.0	R	SANTA MONICA	
	FELT HOLLYWOOD										
25	2	8	41.0	34 24.4	118 24.1	D	1.7	0.3		SAN FERNANDO	
25	18	7	25.3	34 22.9	118 20.3	A	2.0	8.0	R	SAN FERNANDO	
25	20	9	50.3	33 41.8	116 47.7	A	2.8	8.0	R	HEMET	
25	21	21	39.6	33 29.6	116 49.3	A	2.6	8.0	R	PALOMAR MTN	
25	21	23	17.1	34 34.8	117 9.0	A	2.8	8.0	R	APPLE VALLEY	
25	22	56	20.4	34 1.9	117 35.6	D	1.7	7.0		ONTARIO	
26	23	46	33.3	32 31.7	118 4.9	B	4.3	8.0	R	SAN CLEMENTE ESCARPMENT	
27	0	8	1.4	35 27.0	118 37.6	B	2.9	8.0	R	BRECKENRIDGE MTN	
27	13	44	6.9	32 35.3	118 3.8	B	3.8	8.0	R	SAN CLEMENTE ESCARPMENT	
27	20	22	58.6	32 58.8	116 16.1	B	3.2	8.0	R	MT LAGUNA	
28	15	42	45.2	33 16.6	116 16.5	A	3.1	8.0	R	CLARK LAKE	
30	9	40	57.9	32 58.6	116 15.5	A	3.0	8.0	R	MT LAGUNA	
30	17	53	39.2	34 20.1	118 22.3	C	1.7	1.5		SAN FERNANDO	
30	19	53	45.1	34 7.3	117 27.3	A	2.3	8.0	R	SAN BERNARDINO	
31	2	17	13.8	34 18.1	116 58.2	A	2.6	8.0	R	LUCERNE VALLEY	
31	7	24	13.7	34 26.8	118 24.1	D	1.7	1.1		SAN FERNANDO	

JUN, 1973

1	1	1	45.5	33 15.8	116 14.6	A	2.8	8.0	R	RABBIT PEAK	
1	19	10	57.0	32 25.9	118 3.6	B	2.8	8.0	R	CONTINENTAL SHELF	M
2	6	48	28.2	33 55.1	118 16.3	D	1.7	9.6		REDONDO	
2	9	6	56.8	34 28.1	118 25.3	D	1.7	4.5		SAN FERNANDO	
2	12	59	43.9	31 53.0	116 12.0	B	3.4	8.0	R	SANTO TOMAS	M
2	17	7	18.1	33 46.8	117 23.1	D	1.7	5.6		RIVERSIDE	
3	17	6	26.0	34 21.5	118 22.4	C	1.7	4.7		SAN FERNANDO	
3	19	59	2.5	35 26.5	117 49.9	A	2.7	8.0	R	SALTDALE	
4	19	30	16.1	31 54.1	116 18.1	B	3.0	8.0	R	SANTO TOMAS	M
5	5	9	51.9	34 24.8	118 36.3	A	2.6	8.0	R	SANTA SUSANA	
5	9	11	2.0	37 32.6	118 23.1	C	3.5	8.0	R	WHITE MTN SW	
5	11	55	59.8	34 23.5	118 23.3	C	1.7	2.4		SAN FERNANDO	
6	3	14	11.3	34 16.0	119 11.2	C	2.5	8.0	R	SANTA PAULA	
6	4	19	54.5	33 40.8	117 53.8	C	1.7	8.7		SANTA ANA	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUN, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
6	4	31	31.2	34 13.5	117 26.1	A	2.2	8.0	R	SAN BERNARDINO	
7	1	18	5.0	34 20.8	118 24.1	C	1.7	4.5		SAN FERNANDO	
7	7	23	28.0	33 50.0	117 49.6	C	1.7	6.9		ANAHEIM	
7	8	48	46.8	33 59.0	118 24.1	A	1.8	8.0	R	REDONDO	
7	10	38	12.7	33 59.4	118 24.5	A	2.2	8.0	R	REDONDO	
7	13	22	45.9	34 23.5	118 25.3	A	1.8	8.0	R	SAN FERNANDO	
7	23	4	49.3	33 51.2	117 41.5	A	2.1	8.0	R	CORONA	
8	1	46	22.2	35 51.8	117 43.1	B	2.9	8.0	R	MOUNTAIN SPRINGS CANYON	
8	5	58	13.5	34 21.8	118 22.9	D	1.7	5.1		SAN FERNANDO	
8	23	4	47.3	33 51.2	117 40.3	C	2.1	0.2		CORONA	
9	7	20	22.9	34 22.1	118 24.5	B	1.7	7.6		SAN FERNANDO	
9	11	26	52.5	34 0.5	118 15.1	C	1.7	5.8		SANTA MONICA	
9	12	10	20.4	33 58.6	117 5.9	B	2.7	8.0	R	PERRIS	
10	3	54	35.3	35 3.0	119 2.8	B	2.8	8.0	R	CONNER	
10	6	38	18.3	36 17.6	118 3.7	B	2.9	8.0	R	OLANCHA	
10	7	19	57.4	34 36.2	118 32.4	D	1.7	6.2		LIEBRE MTN	
10	8	41	41.9	34 24.6	118 24.1	D	1.7	9.6		SAN FERNANDO	
10	22	22	9.1	37 13.8	116 2.7	C	3.8	8.0	R	TIPPIPAH SPRING	* N
11	7	56	18.2	37 27.3	115 54.8	D	3.2	8.0	R	GROOM MINE	* N
12	2	49	27.4	34 22.4	118 48.1	D	1.7	5.5		PIRU	
12	6	48	48.5	37 34.5	116 0.6	C	3.4	8.0	R	BELTED PEAK	* N
12	8	15	43.8	37 50.9	116 2.2	C	4.5	8.0	R	REVEILLE PEAK	* N
12	12	54	38.6	35 54.9	117 42.7	C	2.1	8.0	R	MOUNTAIN SPRINGS CANYON	
15	0	44	35.8	32 11.4	115 41.8	B	3.4	8.0	R	LAGUNA SALADA	M
15	3	46	18.5	33 47.6	118 4.0	C	1.7	4.7		DOWNEY	
15	4	40	49.3	34 19.7	118 19.3	C	1.7	4.9		SAN FERNANDO	
15	19	42	30.1	34 1.7	117 33.5	A	3.0	8.0	R	ONTARIO	
16	5	35	15.0	34 22.2	118 21.7	C	1.7	8.4		SAN FERNANDO	
16	11	33	22.1	34 19.7	118 24.1	C	1.7	1.0		SAN FERNANDO	
16	11	33	52.9	34 22.2	118 21.3	C	1.7	8.9		SAN FERNANDO	
16	11	45	33.2	34 21.2	118 21.7	B	1.7	4.0		SAN FERNANDO	
16	11	47	43.4	34 20.9	118 22.0	C	1.7	3.3		SAN FERNANDO	
16	17	40	30.4	32 57.3	116 15.9	B	3.4	8.0	R	MT LAGUNA	
18	4	12	43.9	32 7.9	115 50.3	B	2.4	8.0	R	LAGUNA SALADA	M
18	16	32	13.5	34 27.4	118 25.6	D	1.7	6.8		SAN FERNANDO	
19	10	26	31.3	32 53.3	117 38.6	B	3.9	8.0	R	SAN DIEGO TROUGH	
	FELT SAN DIEGO AND EL CAJON										
19	10	50	11.2	32 52.5	117 37.5	A	3.2	8.0	R	SAN DIEGO TROUGH	
20	3	19	23.6	34 26.7	118 26.1	D	1.7	6.3		SAN FERNANDO	
20	5	22	28.9	34 25.5	118 23.8	A	2.0	8.0	R	SAN FERNANDO	
20	5	32	20.2	33 19.0	116 18.7	A	2.8	8.0	R	CLARK LAKE	
20	6	20	13.6	34 24.5	118 23.3	C	1.7	3.8		SAN FERNANDO	
20	20	51	49.8	34 22.0	118 24.1	B	1.7	8.5		SAN FERNANDO	
21	1	33	39.8	34 24.4	118 30.6	D	1.7	6.6		SANTA SUSANA	
21	7	9	45.3	33 1.8	115 33.2	A	2.1	8.0	R	CALIPATRIA	
21	13	9	33.0	33 2.9	115 33.5	A	2.8	8.0	R	CALIPATRIA	
	FELT IMPERIAL VALLEY										
21	13	11	5.9	33 2.9	115 33.6	A	3.8	8.0	R	CALIPATRIA	
	FELT IMPERIAL VALLEY										
21	13	21	15.6	33 2.9	115 33.1	A	2.5	8.0	R	CALIPATRIA	
21	13	23	17.1	33 3.2	115 33.6	A	2.3	8.0	R	CALIPATRIA	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUN, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
21	13	33	36.6	33 2.6	115 33.8	A	3.0	8.0	R	CALIPATRIA
21	13	58	22.0	33 2.0	115 32.8	A	2.3	8.0	R	CALIPATRIA
21	14	41	39.5	33 2.3	115 34.7	A	2.2	8.0	R	CALIPATRIA
21	14	55	7.1	33 2.5	115 33.2	A	3.0	8.0	R	CALIPATRIA
21	15	45	29.0	33 2.5	115 33.5	A	3.4	8.0	R	CALIPATRIA
21	22	47	19.2	33 3.4	115 33.8	A	3.0	8.0	R	CALIPATRIA
22	0	33	39.4	33 2.4	115 34.0	A	2.7	8.0	R	CALIPATRIA
22	1	23	31.8	33 50.5	117 40.7	B	2.2	8.0	R	CORONA
22	3	17	18.2	32 49.8	115 30.1	B	3.0	8.0	R	BRAWLEY
22	22	9	58.6	34 19.4	118 27.0	B	1.7	3.4		SAN FERNANDO
23	5	45	15.5	34 21.4	118 24.1	B	1.7	4.6		SAN FERNANDO
23	15	3	32.0	36 2.7	117 43.0	D	2.7	8.0	R	COSO PEAK
23	18	36	41.6	34 22.1	118 21.9	C	1.7	7.8		SAN FERNANDO
25	12	39	50.1	33 50.9	116 49.3	A	3.2	8.0	R	BANNING
	FELT PALM SPRINGS AND BANNING									
26	2	46	39.4	34 17.1	118 20.4	C	1.7	5.3		SAN FERNANDO
26	9	49	47.1	34 21.6	118 20.9	D	1.7	5.1		SAN FERNANDO
26	23	37	56.5	34 1.2	116 45.2	A	3.0	8.0	R	SAN GORGONIO MTN
27	10	12	20.0	33 45.3	115 51.3	A	2.9	8.0	R	HEXIE MTNS
27	16	28	42.0	34 0.2	116 23.0	B	2.2	8.0	R	JOSHUA TREE
27	21	19	29.2	34 9.6	118 29.3	D	1.7	5.0		SANTA MONICA
27	23	31	7.6	33 13.7	116 3.6	B	2.8	8.0	R	BORREGO MTN
28	0	17	57.2	34 37.3	117 7.5	A	3.0	8.0	R	APPLE VALLEY
28	1	56	27.6	34 17.7	117 9.5	D	1.7	1.7		LAKE ARROWHEAD
28	2	30	24.7	34 55.9	116 40.7	B	3.3	8.0	R	NEWBERRY
28	6	51	43.1	34 24.2	118 24.1	D	1.7	9.6		SAN FERNANDO
29	4	14	43.3	33 39.2	117 47.9	C	1.7	5.0		SANTA ANA
29	13	38	12.7	34 25.7	118 24.0	A	3.2	10.5		SAN FERNANDO
	FELT NORTHRIDGE AND NORTHWEST PART OF ALTADENA									
29	22	17	23.4	34 50.8	118 42.5	B	2.4	8.0	R	NEENACH
30	11	49	0.2	33 57.5	117 44.2	C	1.7	9.3		CORONA
30	23	46	24.6	32 6.8	115 45.9	C	2.6	8.0	R	LAGUNA SALADA M

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1	0	32	10.1	34 1.2	116 49.0	A	3.0	8.0	R	SAN GORGONIO MTN
1	6	31	56.7	33 12.0	115 40.2	A	2.7	8.0	R	CALIPATRIA
1	21	44	19.8	33 51.1	118 9.3	B	2.7	8.0	R	DOWNEY
	FELT LONG BEACH									
2	15	48	54.4	34 6.5	118 19.7	A	3.2	8.0	R	SANTA MONICA
	FELT HOLLYWOOD BURBANK AND BEVERLY HILLS									
2	16	4	11.4	34 5.4	118 19.5	D	1.7	7.1		SANTA MONICA
2	21	3	43.3	34 10.5	118 14.2	A	1.6	8.0	R	PASADENA
3	2	29	24.6	34 2.0	118 18.2	B	1.6	8.0	R	SANTA MONICA
3	2	32	1.1	34 6.5	118 17.3	B	2.7	8.0	R	SANTA MONICA
	FELT HOLLYWOOD BURBANK AND PACIFIC PALISADES									
3	2	53	38.5	33 58.8	117 46.6	C	1.7	9.4		ANAHEIM
3	5	14	58.5	33 53.0	118 11.8	C	1.7	5.0		DOWNEY
3	6	50	23.8	34 25.3	118 25.1	C	1.7	1.0		SAN FERNANDO
3	8	44	16.4	33 41.6	117 58.8	A	2.7	8.0		SANTA ANA
3	9	0	14.4	34 24.5	118 24.4	C	1.7	9.5		SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
3	10	45	55.9	34 3.0	117 5.3	C	1.7	1.5		REDLANDS	
4	5	24	33.2	34 23.5	118 24.1	C	1.7	9.7		SAN FERNANDO	
4	6	32	4.2	34 9.4	116 44.0	A	3.4	8.0		MORONGO VALLEY	
4	12	25	40.6	37 27.8	118 28.0	C	3.6	8.0	R	BISHOP	
4	17	2	5.6	34 1.7	117 15.8	D	1.7	6.5		SAN BERNARDINO	
5	12	45	39.2	33 33.6	119 8.2	B	2.6	8.0	R	SANTA BARBARA 1 NW	
5	19	48	8.5	33 35.3	119 0.4	B	2.5	8.0	R	SANTA BARBARA 1 NW	
6	12	33	0.2	34 12.2	117 26.3	D	1.7	5.3		SAN BERNARDINO	
6	22	27	7.9	35 17.4	118 32.2	B	2.7	8.0	R	BRECKENRIDGE MTN	
6	22	42	6.7	34 11.0	116 52.4	A	2.5	8.0	R	SAN GORGONIO MTN	
7	5	8	51.0	31 53.9	116 1.8	C	3.1	8.0	R	SANTO TOMAS	M
8	5	18	38.8	34 2.7	118 59.3	B	2.3	8.0	R	TRIUNFO PASS	
8	12	9	39.3	34 24.5	118 23.8	B	1.8	8.0	R	SAN FERNANDO	
8	12	44	0.7	34 21.6	118 24.1	B	1.7	6.9		SAN FERNANDO	
8	18	42	24.6	34 22.1	118 25.9	B	1.7	8.2		SAN FERNANDO	
8	22	40	58.1	34 15.8	117 13.7	D	1.7	6.9		LAKE ARROWHEAD	
8	22	48	25.0	32 55.9	115 32.4	A	2.7	8.0	R	BRAWLEY	
9	1	59	49.2	34 17.8	118 19.7	C	1.7	6.0		SAN FERNANDO	
9	4	21	39.0	34 5.1	118 19.6	D	1.7	4.9		SANTA MONICA	
9	11	23	47.6	34 23.9	118 35.0	C	1.7	2.1		SANTA SUSANA	
9	22	19	6.5	33 53.3	117 14.9	C	1.7	8.3		PERRIS	
10	8	22	55.9	33 29.1	116 33.7	A	2.8	8.0	R	WARNER SPRINGS	
10	22	22	48.4	34 2.7	117 16.4	C	1.7	5.8		SAN BERNARDINO	
10	23	57	21.0	33 29.4	116 46.9	A	2.9	8.0	R	PALOMAR MTN	
11	12	10	2.4	33 7.9	116 28.6	B	2.0	8.0	R	BORREGO	
11	16	10	4.9	33 58.2	117 43.2	D	1.7	7.1		CORONA	
12	12	46	11.5	34 5.9	118 11.8	C	1.7	8.0		PASADENA	
13	10	19	35.0	34 0.3	117 47.3	C	1.7	5.6		FONTANA	
13	10	23	45.2	34 20.8	118 31.4	C	1.7	3.0		SANTA SUSANA	
14	1	54	28.0	33 29.7	117 0.2	B	2.4	8.0	R	TEMECULA	
14	2	6	52.3	33 30.5	116 58.1	A	2.6	8.0	R	HEMET	
14	2	7	12.9	33 35.9	116 40.9	B	2.7	8.0		IDYLLWILD	
14	4	7	5.3	34 22.6	116 51.7	A	3.0	8.0	R	LUCERNE VALLEY	
14	5	24	12.9	32 50.5	117 39.9	B	2.8	8.0	R	SAN DIEGO TROUGH	
14	6	13	23.7	34 22.3	118 22.7	C	1.7	7.5		SAN FERNANDO	
14	8	0	20.1	34 26.2	116 50.0	A	4.8	8.0	R	LUCERNE VALLEY	
	FELT SAN BERNARDINO AREA AND TO LOS ANGELES										
14	8	26	1.2	34 25.1	116 50.1	A	2.4	8.0	R	LUCERNE VALLEY	
14	8	43	8.8	34 25.3	116 50.5	A	2.3	8.0	R	LUCERNE VALLEY	
14	10	36	31.6	34 23.9	116 51.6	B	2.5	8.0	R	LUCERNE VALLEY	
14	21	46	4.8	32 53.7	117 39.7	B	2.7	8.0	R	SAN DIEGO TROUGH	
14	22	56	11.9	33 46.5	117 28.9	B	2.8	8.0	R	RIVERSIDE	
15	10	15	26.2	33 7.8	115 38.4	A	2.3	8.0	R	CALIPATRIA	
15	19	54	2.7	34 21.2	118 30.8	B	2.3	8.0	R	SANTA SUSANA	
16	3	43	2.1	34 0.6	116 24.8	A	3.0	8.0	R	JOSHUA TREE	
16	4	20	24.4	34 25.2	118 21.8	B	2.5	8.0	R	SAN FERNANDO	
16	6	43	53.2	34 10.0	117 17.3	D	1.7	5.7		SAN BERNARDINO	
16	15	54	38.0	32 9.5	115 49.5	B	2.3	8.0	R	LAGUNA SALADA	M
16	16	33	16.9	32 13.8	115 55.4	B	2.6	8.0	R	LAGUNA SALADA	M
16	16	43	22.9	34 24.9	118 25.1	B	2.5	8.0	R	SAN FERNANDO	
17	10	4	30.4	34 19.8	118 26.8	B	1.7	3.6		SAN FERNANDO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
17	14	15	23.2	34 22.6	116 50.1	B	3.4	8.0	R	LUCERNE VALLEY	
18	19	2	40.4	32 48.7	116 35.9	B	2.2	8.0	R	CUYAMACA PEAK	
18	19	37	16.2	34 0.7	116 45.0	A	2.5	8.0	R	MORONGO VALLEY	
19	20	13	29.6	36 11.2	117 36.5	B	2.6	8.0	R	COSO PEAK	
19	23	2	2.9	34 23.5	118 22.6	C	1.7	6.1		SAN FERNANDO	
20	5	11	35.9	32 9.0	115 49.3	B	3.4	8.0	R	LAGUNA SALADA	M
20	16	35	11.0	34 26.4	118 24.5	D	1.7	0.8		SAN FERNANDO	
20	23	10	45.0	35 57.2	120 31.0	B	3.0	8.0	R	SAN MIGUEL	*
22	1	36	5.6	32 10.1	115 45.4	C	3.2	8.0	R	LAGUNA SALADA	M
22	5	23	6.1	34 7.7	117 32.4	C	1.7	6.4		ONTARIO	
22	6	39	22.5	32 19.0	115 31.4	C	4.0	8.0	R	LAGUNA SALADA	M
22	9	15	37.5	34 18.4	118 27.0	C	1.7	6.3		SAN FERNANDO	
22	12	9	31.3	34 26.6	118 24.3	C	1.7	0.4		SAN FERNANDO	
22	14	18	59.4	34 24.9	118 24.1	D	1.7	0.1		SAN FERNANDO	
22	14	57	23.2	34 21.8	118 22.4	C	1.7	8.4		SAN FERNANDO	
23	7	23	42.3	34 17.4	118 21.0	A	1.8	8.0	R	SAN FERNANDO	
24	0	30	58.4	34 1.9	117 24.7	D	1.7	5.7		SAN BERNARDINO	
24	3	31	18.0	33 44.7	116 26.8	A	2.6	8.0	R	PALM DESERT	
	FELT COACHELLA VALLEY										
24	3	37	26.1	34 1.8	117 16.0	C	1.7	7.6		SAN BERNARDINO	
24	6	57	25.9	34 1.2	119 0.8	B	2.8	8.0	R	HUENEME	
24	10	55	17.5	33 38.2	118 24.7	D	1.7	9.4		SAN PEDRO	
24	21	35	48.7	33 57.3	118 2.5	A	1.7	3.8		DOWNEY	
24	21	53	45.9	33 56.5	118 3.3	A	1.7	4.6		DOWNEY	
24	21	54	51.7	34 25.1	118 24.1	C	1.7	2.3		SAN FERNANDO	
26	0	30	10.3	34 25.8	118 26.5	A	2.0	8.0	R	SAN FERNANDO	
26	11	4	56.2	34 19.4	118 16.8	C	1.7	5.5		SAN FERNANDO	
26	22	48	26.2	34 27.3	118 24.1	D	1.7	8.9		SAN FERNANDO	
27	0	23	48.8	32 42.6	116 29.3	B	2.7	8.0	R	CAMPO	
27	1	22	57.1	32 44.6	115 35.6	A	2.4	8.0	R	HEBER	
27	2	3	57.0	35 19.7	118 34.3	B	2.8	8.0	R	BRECKENRIDGE MTN	
27	14	29	1.3	34 2.7	117 20.6	B	1.8	8.0	R	SAN BERNARDINO	
28	7	15	55.5	33 14.4	116 6.5	A	2.8	8.0	R	BORREGO MTN	
28	7	42	56.5	36 28.2	118 11.7	B	2.4	8.0	R	OLANCHA	
28	21	47	42.2	33 30.2	116 27.5	A	2.3	8.0	R	PALM DESERT	
29	4	44	54.6	36 29.7	118 0.9	B	2.4	8.0	R	OLANCHA	
29	7	57	12.9	34 3.5	118 57.5	A	2.4	8.0	R	TRIUNFO PASS	
	FELT SAUGUS										
29	10	30	27.5	34 6.9	118 17.0	A	2.0	8.0	R	SANTA MONICA	
30	4	13	3.8	35 16.5	119 9.4	B	2.8	8.0	R	BAKERSFIELD WEST	
30	19	13	28.6	34 21.6	118 20.7	B	1.7	6.4		SAN FERNANDO	
30	21	33	19.5	34 36.5	118 31.3	D	1.7	6.0		LIEBRE MTN	
31	20	51	25.0	34 11.3	117 32.0	C	1.7	7.9		ONTARIO	
31	23	31	21.3	34 41.8	116 25.8	B	2.5	8.0	R	LAVIC	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
1	9	14	53.1	36 15.5	117 53.4	B	2.7	8.0	R	KEELER	
1	9	20	48.3	35 56.3	120 38.5	B	3.0	8.0	R	SAN MIGUEL	*
1	15	25	23.1	36 11.8	118 2.4	C	2.6	3.0		MONACHE MTN	
1	17	54	53.6	33 54.5	117 51.5	A	2.3	8.0	R	ANAHEIM	
1	20	20	6.3	34 28.1	118 18.4	B	2.1	8.0	R	SAN FERNANDO	
1	23	14	5.2	33 51.0	117 40.7	B	1.7	4.9		CORONA	
2	1	3	26.5	34 12.4	117 22.3	A	3.0	8.0	R	SAN BERNARDINO	
2	1	7	44.0	34 11.7	117 22.9	A	2.4	8.0	R	SAN BERNARDINO	
2	1	10	19.5	34 11.5	117 23.1	A	2.3	8.0	R	SAN BERNARDINO	
2	10	18	36.9	34 18.1	118 16.8	A	3.3	8.0	R	SAN FERNANDO	
	FELT SAN FERNANDO BURBANK GLENDALE AND PASADENA										
2	10	32	38.3	34 17.6	118 17.8	C	1.7	7.1		SAN FERNANDO	
2	10	42	59.0	34 17.5	118 17.2	C	1.7	6.2		SAN FERNANDO	
2	23	33	17.1	33 58.0	117 45.8	A	2.4	8.0	R	ANAHEIM	
3	1	13	42.7	34 23.5	118 23.1	D	1.7	9.2		SAN FERNANDO	
5	9	18	58.3	34 12.7	118 37.1	C	1.7	3.0		CALABASAS	
5	13	25	17.3	33 45.4	117 29.7	A	3.3	8.0	R	RIVERSIDE	
6	15	58	51.3	31 47.5	115 52.3	C	2.8	8.0	R	SIERRA JUAREZ SE	M
6	23	29	17.0	33 59.2	119 28.5	A	5.0	16.9		ANACAPA I SOUTH	
	LANDSLIDES ON ANACAPA ISLAND										
7	6	28	13.2	34 8.3	117 24.7	C	1.7	6.1		SAN BERNARDINO	
7	11	47	0.8	34 23.6	118 22.3	C	1.7	1.4		SAN FERNANDO	
7	11	50	27.4	32 32.8	118 5.8	B	3.3	8.0	R	SAN CLEMENTE ESCARPMENT	
7	19	5	25.2	34 19.5	118 27.8	C	1.7	5.0		SAN FERNANDO	
8	0	36	50.4	34 22.2	118 24.1	B	1.7	9.3		SAN FERNANDO	
8	2	21	51.3	34 2.6	116 46.4	A	2.4	8.0	R	SAN GORGONIO MTN	
8	8	21	12.2	34 24.2	118 24.0	C	1.7	9.0		SAN FERNANDO	
8	9	29	52.5	32 40.0	118 2.3	C	2.3	8.0	R	SAN CLEMENTE ESCARPMENT	
8	10	3	33.0	34 24.5	118 24.1	C	1.7	2.5		SAN FERNANDO	
8	14	11	18.6	34 2.8	117 20.6	C	1.7	6.0		SAN BERNARDINO	
8	15	23	13.9	34 23.5	118 24.1	C	1.7	0.4		SAN FERNANDO	
8	15	24	18.6	34 24.4	118 25.3	A	2.5	8.0	R	SAN FERNANDO	
9	15	36	6.3	35 8.1	118 42.0	B	2.8	8.0	R	CUMMINGS MTN	
10	0	45	48.6	34 2.1	117 16.8	D	1.7	6.1		SAN BERNARDINO	
10	0	49	10.5	32 39.1	116 29.5	B	2.6	8.0	R	CAMPO	
10	11	23	24.3	34 17.6	118 17.2	D	1.7	6.7		SAN FERNANDO	
10	12	38	8.5	33 46.5	117 31.9	D	1.7	6.4		CORONA	
10	16	29	23.2	34 32.8	115 48.5	B	2.6	8.0	R	BAGDAD	
10	22	7	58.7	33 29.0	116 29.5	A	2.7	8.0	R	CLARK LAKE	
11	0	43	10.1	34 25.0	118 24.1	C	1.7	2.2		SAN FERNANDO	
11	19	3	11.2	33 59.0	116 38.1	A	2.6	8.0	R	PALM SPRINGS	
12	13	33	21.6	32 55.1	115 47.8	A	2.6	8.0	R	PLASTER CITY	
12	20	27	3.9	34 16.8	118 30.6	B	1.7	3.9		SANTA SUSANA	
12	21	9	39.6	34 23.5	118 24.1	D	1.7	5.0		SAN FERNANDO	
15	2	16	22.8	34 10.6	119 19.0	B	3.1	8.0	R	ANACAPA I NORTH	
15	6	37	55.7	31 51.8	116 19.9	C	2.6	8.0	R	SANTO TOMAS	M
15	12	20	56.6	33 18.1	116 19.5	A	3.0	8.0	R	CLARK LAKE	
16	1	1	13.4	35 55.9	116 55.7	B	2.8	8.0	R	WINGATE WASH	
16	15	33	58.2	34 1.9	116 26.6	B	3.0	8.0		JOSHUA TREE	
16	15	37	14.4	34 5.5	116 28.4	B	2.3	8.0		JOSHUA TREE	
16	22	32	24.0	34 35.4	117 7.0	B	2.8	1.9		APPLE VALLEY	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
17	0	22	27.9	32 43.2	116 29.2	A	2.6	8.0	R	CAMPO	
17	7	11	35.2	36 57.7	118 1.2	B	2.5	1.2		INDEPENDENCE	
18	15	59	13.5	33 50.6	117 41.4	B	2.3	8.0		CORONA	
18	21	34	41.6	34 23.5	118 24.1	C	1.7	9.4		SAN FERNANDO	
20	3	47	40.3	34 22.0	118 16.6	A	3.6	8.0		SAN FERNANDO	
	FELT SAN FERNANDO VALLEY										
20	13	39	21.1	32 18.4	115 35.5	C	3.6	8.0	R	LAGUNA SALADA	M
20	14	1	49.9	33 57.0	119 9.8	A	2.7	8.0		OFF POINT MUGU	
20	14	27	10.9	32 15.8	115 36.1	B	2.8	8.0	R	LAGUNA SALADA	M
20	15	43	10.5	32 20.6	115 35.2	B	2.9	8.0	R	LAGUNA SALADA	M
21	9	39	58.3	34 22.3	118 24.8	C	1.7	5.7		SAN FERNANDO	
22	1	35	47.6	36 11.0	120 6.9	C	3.0	8.0	R	PULVADERO GAP	*
22	8	56	56.3	34 21.9	118 22.7	C	1.7	7.1		SAN FERNANDO	
22	13	29	54.8	34 19.6	116 32.3	B	3.2	8.0		OLD WOMAN SPRINGS	
22	21	3	53.3	33 15.4	116 14.6	A	2.6	8.0		RABBIT PEAK	
23	17	20	30.7	33 6.2	115 36.4	A	2.8	8.2	R	CALIPATRIA	
23	22	48	55.7	34 26.1	118 20.6	A	2.6	8.0		SAN FERNANDO	
24	1	41	19.6	34 8.1	117 26.7	C	1.7	7.1		SAN BERNARDINO	
24	9	4	56.2	37 31.9	119 12.0	B	2.9	8.0	R	HINES PEAK	
25	3	38	30.3	36 4.3	120 0.7	B	2.9	8.0	R	PULVADERO GAP	*
25	5	27	10.7	34 15.8	119 40.2	C	2.9	8.0	R	SANTA BARBARA	
25	9	23	24.6	34 25.4	118 24.1	C	1.7	2.0		SAN FERNANDO	
25	18	8	41.6	34 24.7	118 25.7	C	1.7	1.5		SAN FERNANDO	
25	18	14	28.5	33 9.7	116 24.1	B	3.3	8.0	R	BORREGO	
25	23	9	43.9	37 24.3	118 11.8	C	3.3	8.0	R	BLANCO MTN	
26	5	53	29.3	34 13.5	117 5.7	C	1.7	5.8		REDLANDS	
26	5	57	20.8	34 8.2	117 24.9	D	1.7	5.8		SAN BERNARDINO	
26	13	4	13.6	33 54.9	116 20.4	B	2.6	8.0		THOUSAND PALMS	
26	22	9	55.6	34 21.8	116 33.0	A	2.9	8.0	R	OLD WOMAN SPRINGS	
27	7	39	51.6	33 6.5	115 35.8	A	2.9	8.0	R	CALIPATRIA	
27	13	1	36.2	33 7.9	115 37.0	A	2.8	8.0	R	CALIPATRIA	
27	21	26	44.0	34 23.5	118 25.9	C	1.7	8.5		SAN FERNANDO	
28	8	18	56.7	33 29.7	116 47.2	B	2.7	8.0		PALOMAR MTN	
30	11	51	51.1	33 52.9	118 27.2	B	2.1	8.0	R	REDONDO	
30	11	52	49.9	33 53.0	118 27.4	C	1.7	5.7		REDONDO	
30	12	5	33.9	34 7.1	117 43.0	A	2.5	8.0	R	ONTARIO	
	FELT CLAREMONT										
30	12	5	42.7	34 7.1	117 42.1	C	1.7	6.2		ONTARIO	
30	15	59	32.9	32 59.0	115 32.9	A	3.2	8.0	R	BRAWLEY	
30	17	50	37.7	32 52.7	115 29.0	C	2.9	8.0	R	HOLTVILLE	
30	18	42	49.0	32 58.4	115 32.9	A	3.2	8.0	R	BRAWLEY	
30	18	49	13.9	32 58.2	115 33.5	B	3.3	8.0	R	BRAWLEY	
30	19	0	0.9	34 8.9	117 24.7	C	1.7	6.5		SAN BERNARDINO	
30	19	17	13.6	32 55.9	115 32.5	B	3.1	8.0	R	BRAWLEY	
30	19	38	17.4	32 58.7	115 33.0	A	3.0	8.0	R	BRAWLEY	
30	20	13	51.8	32 59.7	115 33.8	B	2.9	8.0	R	BRAWLEY	
30	21	17	0.8	33 1.8	115 34.4	B	3.0	8.0	R	CALIPATRIA	
30	21	40	9.4	34 23.5	118 26.6	C	1.7	0.2		SAN FERNANDO	
31	0	38	41.9	32 42.4	116 30.6	A	2.8	8.0	R	POTRERO	
31	0	52	28.6	34 24.8	118 25.0	D	1.7	9.9		SAN FERNANDO	
31	4	18	39.8	32 53.2	115 29.8	C	2.7	8.0	R	HOLTVILLE	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
31	5	42	6.7	32 59.4	115 33.6	A	2.9	8.0	R	BRAWLEY	

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1	1	6	45.1	32 59.6	115 33.7	B	2.2	8.0	R	BRAWLEY	
1	1	21	17.6	32 58.3	115 33.0	B	2.3	8.0	R	BRAWLEY	
1	1	23	40.0	32 59.0	115 35.0	A	2.7	8.0	R	BRAWLEY	
1	13	31	56.5	33 58.6	118 4.9	D	1.7	10.0		DOWNEY	
1	15	20	23.8	34 21.1	118 22.4	B	1.7	4.2		SAN FERNANDO	
1	15	46	34.5	34 23.5	118 24.1	D	1.7	1.1		SAN FERNANDO	
1	19	0	46.3	34 6.9	118 17.3	C	1.7	3.1		SANTA MONICA	
1	21	18	18.3	34 23.5	118 20.9	D	1.7	3.7		SAN FERNANDO	
2	6	28	4.4	34 0.2	118 44.5	A	2.5	8.0		CALABASAS	
2	11	36	56.2	34 2.4	117 46.6	A	2.0	8.0		FONTANA	
2	12	13	36.5	33 30.3	116 29.4	A	2.2	8.0		PALM DESERT	
2	13	24	38.1	34 26.2	118 25.1	C	1.7	4.1		SAN FERNANDO	
2	14	40	2.2	33 52.4	117 51.4	C	1.7	5.0		ANAHEIM	
2	17	40	55.2	32 51.1	115 29.2	B	2.5	8.0	R	HOLTVILLE	
2	17	43	33.7	32 51.6	115 27.1	C	2.3	10.5		HOLTVILLE	
2	17	53	18.4	32 49.0	115 27.2	B	2.9	8.0	R	HOLTVILLE	
3	6	10	46.4	33 58.6	116 52.6	B	2.5	8.0		BANNING	
4	9	11	26.4	34 20.4	119 21.5	B	3.6	8.0		VENTURA	
	FELT VENTURA TO GOLETA										
4	13	11	6.1	34 15.5	120 29.8	B	3.1	8.0	R	POINT CONCEPTION	
5	9	33	19.5	34 16.2	118 30.1	D	1.7	4.3		SANTA SUSANA	
5	10	45	15.8	31 27.5	116 53.7	C	2.9	8.0	R	CONTINENTAL SHELF	M
6	8	39	19.1	35 19.6	118 38.6	B	2.7	8.0	R	BRECKENRIDGE MTN	
6	16	34	6.6	34 5.4	117 18.3	D	1.7	5.8		SAN BERNARDINO	
7	8	9	33.6	34 21.9	116 51.1	A	2.7	8.0	R	LUCERNE VALLEY	
7	15	18	1.7	34 26.0	118 25.6	A	2.2	8.0	R	SAN FERNANDO	
7	15	18	10.7	34 15.7	119 21.1	B	3.1	8.0	R	VENTURA	
7	19	37	38.2	34 26.4	118 24.1	D	1.7	3.9		SAN FERNANDO	
8	4	13	55.7	34 21.4	119 9.5	B	2.6	8.0	R	SANTA PAULA	
8	7	33	16.3	34 20.3	118 30.2	C	1.7	9.3		SANTA SUSANA	
8	7	50	44.2	34 21.2	118 22.9	C	1.7	5.0		SAN FERNANDO	
8	13	38	31.8	32 49.3	116 12.9	A	2.6	8.0	R	CARRIZO MTN	
8	15	47	8.0	34 0.7	117 13.0	C	1.7	8.5		REDLANDS	
8	16	54	5.3	32 18.9	115 32.6	C	2.7	8.0	R	LAGUNA SALADA	M
9	2	50	17.1	34 21.1	118 22.8	C	1.7	4.5		SAN FERNANDO	
9	7	42	18.4	34 25.4	118 26.0	D	1.7	1.1		SAN FERNANDO	
9	7	52	39.7	34 22.4	118 26.1	B	1.7	7.5		SAN FERNANDO	
10	8	1	44.7	34 22.8	118 20.6	C	1.7	8.2		SAN FERNANDO	
10	11	22	40.7	34 26.1	118 24.7	B	2.2	8.0	R	SAN FERNANDO	
10	11	34	2.8	33 58.3	117 47.2	C	1.7	9.6		ANAHEIM	
10	13	38	37.1	34 23.5	118 25.1	C	1.7	0.3		SAN FERNANDO	
11	2	39	46.7	37 47.1	118 49.8	B	3.9	8.0	R	COWTRACK MTN	
11	9	9	55.0	34 27.5	118 25.5	A	2.0	8.0	R	SAN FERNANDO	
12	2	0	6.1	34 2.7	117 15.8	C	1.7	8.2		SAN BERNARDINO	
12	13	46	17.1	34 17.2	118 20.0	B	1.7	7.0		SAN FERNANDO	
12	14	52	40.4	34 16.9	118 19.0	A	2.4	8.0		SAN FERNANDO	
	FELT SUNLAND										

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, SEP, 1973

DA	H	M	S	LAT N	LONG W	G	MAG	DEPTH	S	QUADRANGLE	
13	7	0	51.3	33 29.3	116 46.9	A	2.2	8.0	R	PALOMAR MTN	
13	10	49	16.7	35 46.3	117 39.8	B	2.4	8.0	R	MOUNTAIN SPRINGS CANYON	
13	13	7	45.9	34 21.4	119 11.9	B	2.8	8.0	R	SANTA PAULA	
13	13	8	38.7	34 24.4	119 13.6	B	2.4	8.0	R	SANTA PAULA	
13	17	30	39.8	32 57.1	116 16.8	B	4.8	8.0	R	MT LAGUNA	
	FELT IMPERIAL VALLEY AND FROM SAN DIEGO TOHUNTINGTON BEACH										
13	17	40	1.4	32 53.6	116 16.2	A	2.3	8.0	R	MT LAGUNA	
13	21	6	18.6	34 26.3	118 21.7	A	3.2	8.0	R	SAN FERNANDO	
	FELT SYLMAR										
13	22	48	45.4	32 53.5	116 17.0	A	3.2	8.0	R	MT LAGUNA	
14	0	28	1.8	32 41.9	116 30.5	B	2.7	8.0	R	POTRERO	
14	5	24	25.3	32 51.9	116 17.4	A	3.0	8.0	R	MT LAGUNA	
14	5	56	50.8	32 51.7	116 18.3	B	2.8	8.0	R	MT LAGUNA	
14	7	4	42.8	32 53.6	116 16.5	A	2.9	8.0	R	MT LAGUNA	
14	16	19	8.1	33 57.9	116 43.4	A	2.5	8.0	R	PALM SPRINGS	
14	17	5	33.1	34 27.8	118 24.1	D	1.7	1.0		SAN FERNANDO	
14	23	3	57.3	34 20.8	118 22.9	B	1.7	3.3		SAN FERNANDO	
14	23	57	9.1	32 8.8	115 43.2	C	3.5	8.0	R	LAGUNA SALACA	M
15	1	3	15.4	36 36.1	119 22.5	B	4.4	8.0		DINUBA	
	FELT GRAYEAGLE										
15	2	15	21.0	34 4.9	117 15.9	A	2.6	8.0	R	SAN BERNARDINO	
15	6	41	9.2	34 23.0	118 23.8	B	1.7	7.7		SAN FERNANDO	
15	10	37	5.1	34 19.9	118 20.0	C	1.7	6.1		SAN FERNANDO	
15	15	5	26.0	33 23.0	116 28.5	B	2.3	8.0	R	CLARK LAKE	
15	16	56	54.1	34 18.8	118 32.6	C	1.7	9.5		SANTA SUSANA	
15	16	57	4.4	34 16.8	118 26.6	D	1.7	5.0		SAN FERNANDO	
15	21	19	55.3	35 14.1	116 53.8	B	3.1	8.0	R	LANE MTN	
15	23	3	0.7	34 18.7	118 32.3	C	1.7	6.5		SANTA SUSANA	
15	23	4	51.2	34 19.6	118 34.3	A	2.5	8.0	R	SANTA SUSANA	
15	23	28	18.2	34 22.8	118 22.4	C	1.7	7.1		SAN FERNANDO	
16	3	0	49.4	32 25.4	115 14.6	C	3.0	8.0	R	SIERRA CUCAPA	M
16	6	58	23.2	35 0.4	115 47.1	B	3.2	8.0	R	KANE SPRING	
16	14	22	10.0	34 17.7	118 29.4	C	1.7	8.6		SAN FERNANDO	
16	15	1	27.1	33 46.5	118 4.5	C	1.7	5.0		DOWNEY	
17	1	25	51.1	33 50.6	118 7.4	B	2.0	8.0	R	DOWNEY	
17	9	38	2.3	34 24.4	118 22.9	B	2.0	8.0	R	SAN FERNANDO	
17	13	44	16.8	34 19.0	118 21.7	A	2.0	8.0	R	SAN FERNANDO	
17	15	53	16.9	34 18.3	118 31.9	C	1.7	5.0		SANTA SUSANA	
17	23	50	48.7	34 44.5	116 25.7	B	2.6	1.6		LAVIC	
18	2	37	37.1	33 57.9	117 45.8	D	1.7	5.8		ANAHEIM	
18	7	6	49.5	34 22.1	118 24.1	C	1.7	6.1		SAN FERNANDO	
18	7	24	44.8	33 50.7	117 47.8	C	1.7	7.0		ANAHEIM	
18	10	8	6.5	37 11.9	118 57.1	B	3.9	8.0		BLACKCAP MTN	
19	0	1	0.6	33 11.3	116 24.9	B	3.4	8.0	R	BORREGO	
	FELT BORREGO SPRINGS										
19	5	15	56.9	34 3.4	117 17.0	D	1.7	7.4		SAN BERNARDINO	
19	10	42	31.4	35 54.8	118 1.5	A	2.4	8.0	R	LAMONT PEAK	
19	11	41	57.5	33 43.2	116 44.0	A	2.3	8.0	R	IDYLLWILD	
19	15	38	20.5	34 0.0	120 30.0	D	2.8	0.0		OFF POINT CONCEPTION	
19	16	48	53.3	35 40.2	117 22.0	A	3.1	8.0	R	SEARLES LAKE	
19	23	49	43.8	35 9.3	118 25.0	B	2.4	8.0	R	TEHACHAPI	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, SEP, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
20	1	10	19.1	32 47.5	116 32.2	B	2.5	8.0	R	CUYAMACA PEAK	
20	11	31	21.7	34 28.7	118 31.9	A	2.0	8.0	R	SANTA SUSANA	
20	11	32	54.0	34 25.7	118 36.7	C	1.7	2.4		SANTA SUSANA	
20	15	8	53.5	34 20.6	118 25.1	B	1.7	7.4		SAN FERNANDO	
21	12	48	5.1	34 20.0	118 34.6	C	1.7	8.4		SANTA SUSANA	
21	14	19	42.3	34 3.1	117 20.0	C	1.7	5.4		SAN BERNARDINO	
22	3	0	37.8	33 44.5	117 29.5	D	1.7	5.6		LAKE ELSINORE	
22	3	53	42.4	34 25.0	118 25.3	C	1.7	0.6		SAN FERNANDO	
22	16	28	47.5	34 26.3	118 34.8	D	1.7	5.0		SANTA SUSANA	
22	20	40	20.3	33 28.7	116 23.1	A	3.0	8.0	R	CLARK LAKE	
23	0	16	2.1	33 28.9	116 34.8	A	3.0	8.0	R	WARNER SPRINGS	
23	3	58	38.1	34 27.6	118 24.8	D	1.7	5.8		SAN FERNANDO	
24	1	29	55.1	33 58.3	117 13.7	C	1.7	4.2		PERRIS	
25	12	33	45.8	33 53.5	117 43.6	D	1.7	4.6		CORONA	
25	12	59	37.3	34 21.8	118 24.8	A	3.6	8.0	R	SAN FERNANDO	
	FELT SAN FERNANDO AND PASADENA										
25	13	2	0.3	34 20.7	118 25.0	A	2.2	8.0	R	SAN FERNANDO	
25	14	24	57.0	34 20.8	118 25.3	B	1.7	5.1		SAN FERNANDO	
25	15	2	37.7	33 41.1	118 17.9	B	2.4	8.0	R	SAN PEDRO	
25	15	3	37.2	33 42.9	118 15.9	B	1.7	3.9		SAN PEDRO	
25	18	54	28.3	34 20.8	118 24.1	D	1.7	7.8		SAN FERNANDO	
26	3	50	43.9	34 7.2	118 16.7	D	1.7	5.5		SANTA MONICA	
26	3	56	13.0	34 33.0	118 43.5	B	2.3	8.0	R	LIEBRE MTN	
26	3	59	50.7	34 23.5	118 28.2	D	1.7	5.0		SAN FERNANDO	
26	3	59	56.1	34 29.5	118 44.6	D	1.7	5.0		SANTA SUSANA	
26	7	6	11.0	33 43.4	116 45.1	A	2.8	8.0	R	HEMET	
26	7	16	15.3	31 44.8	115 51.0	C	2.7	8.0	R	SIERRA JUAREZ SE	M
	FELT HEMET										
26	11	19	31.7	34 22.7	118 20.8	B	2.3	8.0	R	SAN FERNANDO	
26	11	58	46.7	34 13.5	118 33.2	D	1.7	5.0		CALABASAS	
26	12	30	24.0	34 11.2	117 33.6	C	1.7	5.8		ONTARIO	
27	3	29	19.5	33 58.3	117 46.5	C	1.7	10.0		ANAHEIM	
27	7	20	41.7	34 18.6	118 31.4	C	1.7	3.3		SANTA SUSANA	
27	11	48	22.0	33 41.6	116 44.5	A	2.7	8.0	R	IDYLLWILD	
27	12	54	43.7	32 33.6	115 15.7	B	2.7	8.0	R	CALEXICO	
27	13	38	57.2	34 22.6	118 24.9	B	1.7	1.3		SAN FERNANDO	
28	2	44	44.5	35 22.2	117 33.8	B	2.5	5.8		RANDSBURG	
28	12	22	24.0	34 13.7	118 31.7	D	1.7	2.9		CALABASAS	
28	14	21	33.1	34 4.1	117 19.0	A	2.4	8.0	R	SAN BERNARDINO	
28	19	12	41.8	33 47.1	118 9.1	C	1.7	9.4		DOWNEY	
29	12	46	4.4	33 21.3	116 23.9	A	2.3	8.0	R	CLARK LAKE	
30	0	54	38.2	34 55.8	116 52.6	B	2.7	8.0	R	DAGGETT	
30	6	20	33.1	34 18.4	118 18.3	A	2.6	8.0	R	SAN FERNANDO	
30	6	25	8.8	34 15.8	118 19.7	B	1.9	8.0	R	SAN FERNANDO	
30	6	33	39.3	34 17.6	118 19.0	A	2.5	8.0	R	SAN FERNANDO	
30	7	52	39.0	34 17.1	118 19.8	C	1.7	5.9		SAN FERNANDO	
30	7	52	56.3	34 17.1	118 19.8	C	1.7	5.8		SAN FERNANDO	
30	9	56	54.0	34 22.6	118 22.0	C	1.7	5.9		SAN FERNANDO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
1	0	2	40.4	34 14.1	118 32.6	C	1.7	5.0		CALABASAS	
1	13	35	44.9	33 53.2	118 47.1	D	1.7	5.0		OFF POINT DUME	
1	15	47	56.1	34 26.2	118 28.4	C	1.7	8.0		SAN FERNANDO	
2	4	0	12.6	37 34.1	118 20.0	D	2.6	8.0		WHITE MTN SW	
2	7	31	49.6	33 20.5	115 43.6	A	2.5	8.0	R	FRINK	
2	22	20	24.2	34 25.3	118 20.7	C	1.7	2.9		SAN FERNANDO	
3	0	52	1.6	32 44.6	118 31.1	B	2.5	8.0	R	CONTINENTAL SHELF	
3	1	34	55.2	37 23.7	118 4.9	D	2.5	1.5		BLANCO MTN	
3	2	7	54.7	36 51.3	119 32.8	C	3.2	8.0		CLOVIS	*
	FELT BISHOP										
4	3	54	51.8	34 24.5	118 25.5	B	2.0	8.0	R	SAN FERNANDO	
4	5	4	6.4	34 21.9	118 24.1	B	1.7	6.7		SAN FERNANDO	
5	16	47	47.8	34 14.8	116 47.5	B	3.3	8.0	R	SAN GORGONIO MTN	
6	7	36	10.6	36 2.2	117 24.7	B	2.7	8.0	R	MATURANGO PEAK	
6	8	45	22.3	34 21.5	118 21.3	C	1.7	4.3		SAN FERNANDO	
7	6	38	8.2	33 14.6	116 18.0	A	2.7	8.0	R	BORREGO	
7	7	43	29.1	33 14.8	116 17.2	A	2.9	8.0	R	BORREGO	
7	15	37	17.0	32 29.6	116 45.3	B	2.4	16.3		DESCANSO	M
7	16	39	31.4	37 40.6	118 50.1	B	3.5	8.0		MT MORRISON	
7	17	30	53.4	37 35.6	118 58.9	B	4.0	8.0		MT MORRISON	
9	10	18	48.4	34 20.5	118 22.4	C	1.7	3.3		SAN FERNANDO	
9	10	32	24.2	33 51.6	118 14.9	B	1.7	0.7		DOWNEY	
9	13	24	10.0	33 57.5	117 0.7	A	2.3	8.0	R	PERRIS	
9	22	39	16.6	33 44.7	117 32.4	A	2.7	8.0	R	SANTIAGO PEAK	
10	10	12	19.2	34 28.9	118 24.8	A	2.7	8.0	R	SAN FERNANDO	
	FELT SYLMAR										
11	14	15	21.4	34 4.7	117 20.3	A	2.2	8.0	R	SAN BERNARDINO	
12	0	35	40.0	32 47.6	116 31.0	A	2.7	8.0	R	COYAMACA PEAK	
12	4	25	18.5	34 1.6	118 53.1	B	2.6	8.0	R	TRIUNFO PASS	
12	9	57	9.5	33 47.3	118 5.3	A	2.1	8.0	R	DOWNEY	
12	14	17	5.5	34 20.4	118 25.1	C	1.7	7.7		SAN FERNANDO	
12	17	20	32.8	37 23.6	118 47.7	B	3.4	8.0		MT ABBOT	
13	4	52	47.5	32 36.1	115 16.0	B	2.4	8.0	R	CALEXICO	
13	13	55	45.1	34 24.6	116 50.3	A	2.8	8.0	R	LUCERNE VALLEY	
14	7	31	51.8	34 23.2	116 39.3	A	3.3	8.0	R	OLD WOMAN SPRINGS	
14	9	33	10.7	31 52.9	116 12.1	D	2.6	8.0		SANTO TOMAS	M
14	23	39	59.9	34 14.1	117 42.4	C	1.7	5.7		ONTARIO	
15	8	11	51.9	34 18.5	119 44.5	A	2.6	8.0	R	SANTA BARBARA	
16	1	37	44.7	33 48.4	116 59.8	A	2.3	8.0	R	BANNING	
16	8	12	39.5	34 20.3	118 16.7	D	1.7	5.0		SAN FERNANDO	
16	13	56	50.4	34 21.4	118 27.6	C	1.7	5.9		SAN FERNANDO	
16	14	53	52.4	31 36.1	115 49.8	D	4.9	8.0		SIERRA JUAREZ SE	M
16	15	0	37.7	31 47.4	115 50.8	D	3.1	8.0		SIERRA JUAREZ SE	M
16	15	56	21.8	31 48.5	116 2.9	D	2.9	8.0		SANTO TOMAS	M
16	18	25	40.0	31 48.7	115 59.5	D	3.2	12.1		SIERRA JUAREZ SE	M
16	23	22	46.8	34 2.4	117 5.3	D	1.7	1.4		RED [illegible]NDS	
17	8	20	5.8	33 57.8	117 40.8	A	2.2	8.0	R	AN[illegible]M	
17	9	37	50.7	36 3.3	120 36.2	B	3.3	8.0		PRIEST VALLEY	*
17	11	16	39.5	32 29.2	115 28.0	B	3.0	8.0	R	SIERRA CUCAPA	M
17	15	13	21.9	37 28.7	118 59.6	D	2.7	3.1		MT ABBOT	
17	15	22	13.9	37 31.3	119 4.1	C	2.8	8.0		DEVILS POSTPILE	*

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
17	15	31	52.8	37 36.0	119 9.9	B	3.4	8.0	R	DEVILS POSTPILE	*
17	15	34	29.1	37 40.9	118 57.9	B	3.8	8.0		MT MORRISON	
18	10	40	3.1	34 25.4	118 25.9	B	2.1	8.0	R	SAN FERNANDO	
18	17	38	31.8	35 0.5	116 50.8	B	1.9	8.0		LANE MTN	
19	1	41	37.2	32 39.5	116 41.4	B	3.1	8.0	R	POTRERO	
19	8	0	50.9	34 19.8	118 27.5	B	1.7	3.8		SAN FERNANDO	
19	11	16	12.0	33 57.4	117 46.6	A	1.9	8.0	R	ANAHEIM	
19	18	37	19.8	33 36.2	118 20.0	A	3.1	8.0	R	SAN PEDRO	
19	19	0	37.5	32 38.1	116 38.6	C	2.3	8.0	R	POTRERO	
20	1	33	33.5	34 4.5	116 32.9	A	2.8	8.0	R	MORONGO VALLEY	
20	8	9	13.3	35 1.6	117 0.8	A	3.3	8.0	R	OPAL MTN	
20	8	15	9.6	34 24.1	118 25.2	C	1.7	9.3		SAN FERNANDO	
20	10	12	54.8	34 16.3	117 29.1	A	2.4	8.0	R	HESPERA	
20	13	26	50.3	34 16.8	118 15.4	D	1.7	5.9		SAN FERNANDO	
20	14	24	28.5	35 2.9	117 42.0	B	2.7	3.6		BORON	
21	4	56	23.2	35 20.8	118 32.2	B	2.9	8.0	R	BRECKENRIDGE MTN	
21	14	37	22.7	37 16.0	117 30.7	D	2.5	8.0		MAGRUDER MTN	N
21	23	20	52.4	33 3.3	115 59.5	B	3.6	8.0	R	KANE SPRING	
22	1	48	53.9	31 39.6	115 43.0	B	3.8	8.0	R	SIERRA JUAREZ SE	M
22	21	2	53.8	34 21.8	118 23.3	C	1.7	6.9		SAN FERNANDO	
23	2	18	45.4	34 23.5	118 26.4	C	1.7	6.3		SAN FERNANDO	
23	4	57	57.1	33 49.1	117 43.4	A	3.3	8.0	R	CORONA	
	FELT SANTA ANA AREA										
23	7	7	20.8	33 40.8	116 49.1	A	2.6	8.0	R	HEMET	
23	10	37	35.3	34 2.5	117 11.9	A	2.6	8.0	R	REDLANDS	
23	13	36	28.2	33 31.6	118 23.5	B	2.4	8.0	R	SAN PEDRO	
23	13	41	59.5	33 31.7	118 23.3	B	2.5	8.0	R	SAN PEDRO	
23	16	38	30.2	34 25.5	118 23.9	B	2.0	8.0	R	SAN FERNANDO	
24	0	58	22.7	33 31.0	116 20.9	B	2.3	8.0	R	SAN PEDRO	
24	13	58	9.3	33 31.8	118 21.2	B	2.5	8.0	R	SAN PEDRO	
24	21	3	30.8	33 58.7	117 46.4	C	1.7	9.3		ANAHEIM	
25	10	20	58.9	33 30.4	116 47.2	A	2.4	8.0	R	HEMET	
25	23	7	9.0	33 47.5	116 5.9	A	2.9	8.0	R	LOST HORSE MTN	
26	9	30	49.8	34 18.0	118 19.5	C	1.7	8.3		SAN FERNANDO	
26	13	56	5.9	34 22.5	118 33.8	B	1.7	4.1		SANTA SUSANA	
26	14	4	57.1	34 22.3	118 33.5	C	1.7	5.7		SANTA SUSANA	
26	16	45	12.5	34 0.5	118 54.3	B	2.6	8.0	R	TRIUNFO PASS	
27	0	26	58.9	34 46.8	116 20.2	B	2.7	8.0	R	CADY MTS	
27	8	6	14.1	34 3.0	117 15.9	D	1.7	7.3		SAN BERNARDINO	
27	17	19	53.8	33 55.2	116 44.3	A	2.4	8.0	R	PALM SPRINGS	
27	18	37	19.3	35 9.2	117 49.6	B	2.5	8.0	R	CASTLE BUTTE	
27	20	40	33.7	34 27.2	118 25.3	C	1.7	4.3		SAN FERNANDO	
28	6	24	28.3	33 40.9	116 45.9	A	2.6	8.0	R	HEMET	
28	7	24	5.9	34 22.3	118 24.0	B	1.7	6.0		SAN FERNANDO	
28	22	0	2.7	32 40.8	118 4.6	B	4.5	8.0	R	SAN CLEMENTE ESCARPMENT	
	FELT SAN DIEGO AND LAGUNA BEACH										
29	4	54	33.4	33 29.0	116 48.9	A	2.6	8.0	R	PALOMAR MTN	
30	11	13	45.5	34 0.7	116 49.9	A	2.8	8.0	R	SAN GORGONIO MTN	
30	15	39	29.0	34 3.3	117 18.7	C	1.7	9.9		SAN BERNARDINO	
30	19	48	9.9	34 18.1	118 18.7	D	1.7	7.3		SAN FERNANDO	
31	7	5	38.4	34 18.4	118 20.3	C	1.7	9.6		SAN FERNANDO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
31	8	58	18.4	34 25.8	118 28.4	C	1.7	3.5		SAN FERNANDO	
31	10	5	37.7	34 19.0	118 27.8	B	1.7	9.5		SAN FERNANDO	
31	16	19	56.2	35 44.5	118 20.4	A	2.5	8.0		ISABELLA	
31	21	34	16.3	34 21.6	116 51.6	A	2.4	8.0	R	LUCERNE VALLEY	
					NOV, 1973						
1	11	31	1.8	35 37.7	118 21.7	A	2.7	8.0		ISABELLA	
1	11	33	55.4	35 7.8	118 35.3	B	2.4	8.0		CUMMINGS MTN	
1	22	43	59.6	34 14.2	119 31.9	B	2.8	8.0	R	SANTA CRUZ I NE	
2	0	50	40.3	31 28.7	115 49.0	D	2.7	8.0		VALLE TRINIDAD	M
2	1	8	1.7	33 58.9	117 46.6	D	1.7	6.1		ANAHEIM	
2	13	50	14.3	33 0.2	116 27.0	B	2.8	8.0		BORREGO	
2	14	19	55.0	34 26.1	118 24.7	B	2.2	8.0	R	SAN FERNANDO	
2	14	34	2.8	34 21.5	118 24.1	C	1.7	5.2		SAN FERNANDO	
3	5	28	35.9	34 21.5	118 22.6	B	1.7	4.7		SAN FERNANDO	
3	16	0	12.6	33 50.3	117 42.1	A	2.0	8.0	R	CORONA	
3	23	26	8.5	33 29.4	116 46.0	A	2.2	8.0	R	PALOMAR MTN	
4	0	29	24.9	33 58.8	116 48.7	B	3.0	8.0	R	BANNING	
4	7	6	3.7	34 22.1	118 22.5	C	1.7	8.0		SAN FERNANDO	
4	15	11	2.4	34 5.3	117 18.3	D	1.7	6.2		SAN BERNARDINO	
5	5	13	18.8	35 3.4	118 57.5	B	2.1	8.0	R	COMANCHE POINT	
5	16	49	32.2	33 54.4	116 35.9	B	2.5	8.0	R	PALM SPRINGS	
7	5	43	23.4	33 57.7	117 45.8	D	1.7	6.6		ANAHEIM	
7	17	47	16.9	33 22.6	116 16.5	A	2.4	8.0	R	CLARK LAKE	
8	8	0	28.1	33 23.1	116 57.8	A	2.2	8.0	R	PALOMAR MTN	
8	10	46	35.3	34 17.4	118 20.1	D	1.7	6.0		SAN FERNANDO	
8	12	29	53.7	33 23.5	116 57.2	A	1.2	8.0	R	PALOMAR MTN	
8	12	40	12.8	33 23.5	116 58.0	A	2.3	8.0	R	PALOMAR MTN	
8	12	44	57.5	34 23.5	118 23.8	C	1.7	9.7		SAN FERNANDO	
9	11	40	26.3	33 39.4	116 43.9	A	2.7	8.0		IDYLLWILD	
9	15	28	44.6	34 3.2	117 19.3	C	1.7	5.0		SAN BERNARDINO	
9	16	5	33.3	32 6.1	115 47.0	C	2.4	8.0	R	LAGUNA SALADA	M
9	18	1	44.0	34 20.3	118 23.1	B	1.7	0.3		SAN FERNANDO	
10	11	27	53.2	32 0.6	116 1.7	B	2.8	3.5		SIERRA JUAREZ NW	M
10	13	15	57.7	34 25.9	118 24.3	B	2.2	8.0	R	SAN FERNANDO	
10	16	22	34.7	34 8.6	117 25.0	C	1.8	5.8		SAN BERNARDINO	
11	6	23	1.2	33 29.0	116 25.1	B	2.3	8.0	R	CLARK LAKE	
11	12	34	8.6	34 20.5	118 20.5	D	1.3	5.0		SAN FERNANDO	
11	13	59	60.0	34 21.1	118 24.3	C	1.0	9.3		SAN FERNANDO	
12	23	15	33.8	34 22.9	118 34.4	D	1.7	5.7		SANTA SUSANA	
12	23	25	55.0	33 44.9	118 20.2	D	1.7	5.0		SAN PEDRO	
13	0	52	17.0	31 57.9	116 58.5	D	3.3	8.0		ENSENADA	M
14	1	29	10.6	33 29.4	116 28.8	A	3.0	8.0		CLARK LAKE	
14	17	15	32.5	34 16.0	118 30.7	A	2.9	8.0	R	SANTA SUSANA	
	FELT		ENCINO								
14	23	26	42.6	34 37.0	116 35.4	B	2.7	8.0	R	RODMAN MTS	
16	0	28	0.5	32 48.8	115 27.7	B	3.0	12.6		HOLTVILLE	
16	6	30	51.6	34 16.1	118 19.3	C	1.7	5.8		SAN FERNANDO	
16	9	21	0.2	34 11.9	117 36.0	C	1.7	9.9		ONTARIO	
16	15	19	41.5	34 3.5	117 20.0	B	1.8	8.0	R	SAN BERNARDINO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
16	15	20	16.7	34 3.3	117 20.3	B	2.0	8.0	R	SAN BERNARDINO	
16	21	58	4.5	33 56.8	115 29.6	C	2.4	8.0		COXCOMB MTS	
16	22	23	37.1	34 20.8	118 23.1	C	1.7	5.2		SAN FERNANDO	
16	23	23	1.3	34 21.5	118 24.1	C	1.7	0.9		SAN FERNANDO	
17	1	32	35.7	34 7.6	117 24.7	C	1.7	9.8		SAN BERNARDINO	
17	23	38	36.7	33 58.1	116 17.3	A	2.7	8.0	R	THOUSAND PALMS	
18	7	30	0.2	33 58.4	118 21.5	A	3.2	8.0		REDONDO	
	FELT WEST LOS ANGELES										
18	7	35	47.0	33 59.5	118 21.5	C	1.7	5.3		REDONDO	
19	2	29	35.4	34 25.2	118 22.4	A	3.3	8.0	R	SAN FERNANDO	
19	3	7	31.2	34 22.3	118 23.0	C	2.0	6.9		SAN FERNANDO	
19	12	41	25.3	34 9.3	116 59.2	C	1.5	6.1		SAN GORGONIO MTN	
19	18	57	56.4	33 57.7	117 47.2	A	3.1	8.0	R	ANAHEIM	
19	20	39	21.9	33 57.9	117 46.6	A	3.0	8.0	R	ANAHEIM	
19	21	15	50.3	33 44.3	117 29.7	A	2.3	8.0	R	LAKE ELSINORE	
19	22	34	29.8	33 57.8	116 17.7	A	2.7	8.0	R	THOUSAND PALMS	
20	0	15	42.6	33 57.5	116 17.3	A	2.7	8.0	R	THOUSAND PALMS	
20	0	25	38.8	33 57.3	116 16.6	C	2.2	11.8		THOUSAND PALMS	
20	0	41	53.4	33 58.2	116 18.0	B	2.4	8.0	R	THOUSAND PALMS	
20	1	14	22.8	33 57.5	116 17.6	A	2.2	8.0	R	THOUSAND PALMS	
20	2	54	41.7	33 59.3	116 17.8	B	2.0	8.0	R	THOUSAND PALMS	
20	13	52	3.5	34 21.4	118 23.3	D	1.0	5.0		SAN FERNANDO	
20	16	32	14.8	33 53.5	117 42.5	C	2.6	8.0	R	CORONA	
20	19	1	4.4	33 57.6	115 29.7	B	2.9	8.0	R	COXCOMB MTS	
20	20	0	22.0	33 50.7	117 29.6	C	1.4	4.5		RIVERSIDE	
21	10	8	3.3	34 21.0	118 22.7	D	1.2	3.0		SAN FERNANDO	
21	14	24	1.9	33 58.0	116 17.6	B	2.1	8.0	R	THOUSAND PALMS	
21	17	27	53.4	34 13.0	117 29.0	D	1.7	6.5		SAN BERNARDINO	
21	19	35	15.8	32 38.3	117 55.7	B	2.9	8.0	R	FORTYMILE BANK	
22	1	19	38.3	34 25.0	118 24.1	D	1.7	2.1		SAN FERNANDO	
22	3	43	53.1	33 56.9	116 15.8	A	2.9	8.0	R	THOUSAND PALMS	
22	14	9	27.0	33 56.2	116 17.1	A	2.5	8.0	R	THOUSAND PALMS	
22	14	40	29.3	33 58.2	116 40.2	B	2.4	8.0	R	PALM SPRINGS	
22	15	46	44.1	33 56.6	116 16.7	B	2.6	8.0	R	THOUSAND PALMS	
22	15	56	58.4	33 56.8	116 17.0	B	2.4	8.0	R	THOUSAND PALMS	
23	2	53	13.7	33 30.4	116 47.0	A	2.2	8.0	R	HEMET	
23	11	4	9.7	32 30.7	115 14.4	A	2.9	0.0	R	MIDWAY WELL	M
23	20	36	55.8	33 42.6	116 39.3	B	2.3	8.0	R	IDYLLWILD	
24	11	40	6.2	33 58.4	117 46.9	C	1.7	7.3		ANAHEIM	
25	19	25	16.2	34 10.3	117 39.2	D	2.2	9.8		ONTARIO	
25	20	47	49.1	34 1.5	117 8.6	C	1.8	7.6		REDLANDS	
26	5	44	58.6	32 59.4	115 33.3	A	3.2	8.0	R	BRAWLEY	
	FELT BRAWLEY										
27	2	49	44.7	34 10.6	117 23.5	D	1.7	8.4		SAN BERNARDINO	
27	10	32	52.1	33 56.3	116 16.9	B	2.7	8.0	R	THOUSAND PALMS	
27	12	4	42.5	33 56.5	116 16.8	A	2.3	8.0	R	THOUSAND PALMS	
27	12	31	55.2	33 56.8	116 17.8	B	2.4	8.0	R	THOUSAND PALMS	
27	18	49	53.2	33 0.1	115 33.6	A	2.5	8.0	R	CALIPATRIA	
28	7	29	27.7	32 58.7	115 33.3	A	2.5	8.0	R	BRAWLEY	
28	8	31	7.7	32 59.3	115 33.3	B	2.8	8.0	R	BRAWLEY	
28	9	24	30.3	34 21.4	118 19.8	C	1.7	5.9		SAN FERNANDO	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
28	14	22	55.5	34 14.9	117 4.0	A	2.4	8.0	R	REDLANDS	
28	20	20	33.2	32 43.0	117 11.9	B	2.5	14.7		SAN DIEGO	
28	20	36	57.4	34 20.9	116 55.4	B	2.0	8.0		LUCERNE VALLEY	
28	20	39	11.7	34 13.3	117 34.3	C	1.7	5.9		ONTARIO	
29	0	27	53.2	33 58.1	116 49.9	A	2.3	8.0	R	BANNING	
29	1	32	40.0	34 21.3	118 28.8	B	2.3	8.0		SAN FERNANDO	
29	3	21	44.0	31 48.6	116 2.6	B	2.9	8.0	R	SANTO TOMAS	M
29	4	35	37.6	34 8.3	117 29.7	C	1.7	9.7		SAN BERNARDINO	
29	11	25	20.0	33 59.4	118 24.0	A	2.5	8.0	R	REDONDO	
30	11	55	15.9	32 50.1	115 38.0	B	2.5	8.0	R	BRAWLEY	

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1	3	46	16.5	33 20.6	116 53.3	B	1.9	8.0	R	PALOMAR MTN	
1	8	11	47.2	32 56.6	115 32.0	B	2.6	8.0	R	BRAWLEY	
1	15	13	48.7	32 57.1	115 32.1	B	2.6	8.0	R	BRAWLEY	
2	0	59	55.1	34 13.5	117 5.3	A	2.4	8.0	R	REDLANDS	
2	12	32	4.5	32 9.7	115 36.7	B	2.8	8.0	R	LAGUNA SALADA	M
3	7	11	3.0	33 51.5	117 50.8	B	1.7	5.0		ANAHEIM	
3	7	28	41.8	34 24.1	118 18.9	B	3.0	8.0	R	SAN FERNANDO	
	FELT SAUGUS										
3	19	12	12.9	34 27.3	118 24.1	C	1.7	8.3		SAN FERNANDO	
4	12	0	14.2	34 5.1	117 48.8	B	2.0	8.0	R	FONTANA	
5	9	5	3.0	34 21.6	118 20.8	C	1.5	4.3		SAN FERNANDO	
5	16	7	20.5	34 0.9	117 7.6	C	1.7	6.4		REDLANDS	
6	0	35	58.8	32 48.4	116 32.3	A	2.3	8.0	R	CUYAMACA PEAK	
6	14	9	14.2	32 45.8	116 11.1	B	3.1	8.0		CARRIZO MTN	
6	15	54	51.8	35 42.1	117 28.2	B	2.4	8.0	R	SEARLES LAKE	
6	19	34	53.8	34 21.3	116 51.4	B	2.2	8.0	R	LUCERNE VALLEY	
6	21	7	0.2	34 23.5	118 21.3	D	1.5	7.5		SAN FERNANDO	
6	21	25	45.2	34 25.4	116 45.6	D	2.4	8.0	R	LUCERNE VALLEY	
7	8	11	16.8	36 22.1	117 51.4	B	2.5	8.0	R	KEELER	
7	12	0	15.4	33 46.6	119 59.5	C	3.0	8.0		SANTA CRUZ I SW	
7	13	13	46.3	33 58.5	117 47.4	C	1.6	8.1		ANAHEIM	
7	15	19	22.5	33 58.3	117 34.3	D	1.8	8.0	R	CORONA	
8	18	49	53.9	34 21.0	118 22.5	B	1.6	3.3		SAN FERNANDO	
8	20	14	29.2	34 18.3	118 13.3	D	1.1	5.6		ACTON	
9	6	59	3.8	34 6.0	118 10.8	B	2.0	8.0	R	PASADENA	
9	15	36	14.8	33 59.7	118 24.5	B	2.0	8.0	R	REDONDO	
10	9	0	48.8	34 3.6	118 22.4	C	1.7	3.7		SANTA MONICA	
11	4	18	18.5	35 24.9	118 34.6	B	1.9	8.0	R	BRECKENRIDGE MTN	
11	4	55	29.0	34 3.6	117 12.3	A	2.5	8.0	R	REDLANDS	
11	5	49	27.3	36 0.5	117 43.0	B	3.0	8.0	R	COSO PEAK	
11	22	49	24.9	35 5.8	118 21.3	B	2.4	8.0		TEHACHAPI	
12	1	28	0.1	34 21.2	116 55.1	A	2.0	8.0		LUCERNE VALLEY	
12	3	45	36.4	35 2.5	118 51.6	A	2.4	8.0		COMANCHE POINT	
12	10	1	38.4	34 4.6	119 1.3	C	2.2	8.0		HUENEME	
13	5	39	39.0	33 57.4	116 4.2	A	2.2	8.0	R	LOST HORSE MTN	
13	6	46	22.4	34 9.5	117 29.6	A	2.2	8.0	R	SAN BERNARDINO	
13	13	25	17.1	34 20.7	118 22.6	C	1.2	3.3		SAN FERNANDO	
14	2	59	27.3	31 56.6	115 52.4	B	3.7	8.0	R	SIERRA JUAREZ SE	M

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, DEC, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
14	3	40	49.7	34 20.3	118 23.8	C	1.7	2.9		SAN FERNANDO	
14	5	27	36.9	37 52.5	118 23.9	C	3.6	8.0	R	BENTON	
14	10	47	56.1	34 10.3	117 39.3	A	3.1	8.0	R	ONTARIO	
	FELT		ONTARIO								
14	12	11	28.6	33 58.2	117 9.7	C	2.2	0.4		PERRIS	
14	19	21	37.9	34 25.0	118 33.4	A	2.4	8.0		SANTA SUSANA	
15	6	9	15.2	34 12.6	117 41.0	A	2.2	8.0	R	ONTARIO	
15	7	47	12.9	33 41.8	116 48.4	A	2.3	8.0	R	HEMET	
15	20	11	33.8	33 49.0	117 45.8	D	2.0	5.0		ANAHEIM	
16	2	45	30.0	33 58.9	117 45.8	C	2.2	8.1		ANAHEIM	
16	4	25	21.7	33 50.3	118 9.1	C	1.9	5.0		DOWNEY	
16	4	56	37.4	34 19.6	118 25.1	D	1.0	4.2		SAN FERNANDO	
16	12	33	18.3	33 44.2	118 0.5	C	2.1	4.5		LAS BOLSAS	
17	14	41	19.9	34 3.6	117 15.3	D	1.7	8.0		SAN BERNARDINO	
18	0	52	14.9	33 58.1	117 46.5	C	2.3	8.7		ANAHEIM	
18	14	34	27.4	34 0.9	117 13.9	C	2.3	6.6		REDLANDS	
19	15	22	36.4	34 2.4	117 19.9	B	1.8	8.0		SAN BERNARDINO	
20	4	30	17.7	34 4.2	117 59.4	C	1.0	9.1		FONTANA	
20	14	23	20.9	34 0.3	118 57.5	A	2.6	8.0	R	TRIUNFO PASS	
20	20	42	17.7	32 22.8	115 9.9	C	3.3	8.0	R	SIERRA CUCAPA	M
21	0	30	30.7	33 15.0	116 20.3	A	3.5	8.0	R	CLARK LAKE	
21	1	19	50.7	33 41.3	116 47.0	A	2.9	8.0	R	HEMET	
21	14	14	27.5	33 49.5	116 57.3	A	2.4	8.0	R	BANNING	
21	19	51	15.7	32 47.7	116 32.0	B	2.5	8.0	R	CUYAMACA PEAK	
21	21	24	32.7	34 21.8	118 19.8	D	1.7	5.0		SAN FERNANDO	
21	23	2	24.3	37 24.5	118 10.6	C	2.8	8.0	R	BLANCO MTN	
22	2	46	33.6	33 24.6	116 20.7	A	2.5	8.0	R	CLARK LAKE	
23	10	4	27.4	34 0.1	117 36.1	A	2.7	8.0	R	ONTARIO	
24	5	53	31.9	34 21.5	118 20.5	A	2.6	19.5		SAN FERNANDO	
24	6	10	13.7	33 59.2	118 15.9	B	1.8	11.0		REDONDO	
24	6	23	44.6	34 14.7	118 36.9	A	2.5	5.3		CALABASAS	
24	6	36	5.7	33 58.2	118 16.9	C	1.9	2.3		REDONDO	
24	16	43	38.0	34 26.5	117 46.4	A	2.0	12.5		VALYERMO	
24	19	0	33.1	34 22.8	118 19.4	D	1.9	5.3		SAN FERNANDO	
24	21	2	8.2	33 13.9	116 1.2	B	2.5	8.0	R	BORREGO MTN	
25	6	9	3.8	34 20.6	118 31.2	A	2.8	16.3		SANTA SUSANA	
25	9	52	52.1	33 14.3	116 1.9	A	2.4	8.0	R	BORREGO MTN	
25	10	1	57.0	32 59.2	116 16.3	B	1.8	8.0	R	MT LAGUNA	
25	11	23	59.9	34 20.7	118 30.4	B	1.3	2.3		SANTA SUSANA	
25	17	0	34.3	34 14.9	118 33.4	C	2.2	2.3		CALABASAS	
25	17	43	13.7	34 9.7	117 38.9	C	1.7	6.1		ONTARIO	
25	20	16	22.6	34 15.3	118 35.8	C	1.4	4.2		SANTA SUSANA	
25	21	6	18.0	37 30.3	118 28.0	C	2.9	4.5		WHITE MTN SW	
26	1	10	17.9	34 24.4	117 46.1	A	1.5	8.0	R	VALYERMO	
26	5	28	26.9	33 59.8	118 0.2	B	2.2	5.7		DOWNEY	
26	10	23	50.1	34 25.2	118 34.0	D	2.1	6.5		SANTA SUSANA	
26	10	41	7.4	34 16.3	116 51.6	A	2.2	8.0	R	LUCERNE VALLEY	
27	1	35	56.4	31 24.5	115 57.4	D	3.2	8.0	R	VALLE TRINIDAD	M
27	13	49	13.8	33 31.8	116 30.1	A	2.9	8.0	R	IDYLLWILD	
27	14	28	46.2	33 59.1	118 14.4	B	1.5	8.0	R	DOWNEY	
28	0	32	57.5	34 12.3	117 33.6	A	2.1	8.0		ONTARIO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, DEC, 1973

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
28	15	30	26.6	33 34.7	117 44.2	A	3.6	0.0	SANTIAGO PEAK
	FELT LAGUNA BEACH AND CORONA DEL MAR								
29	21	23	19.0	32 46.4	115 26.1	A	2.4	17.4	HOLTVILLE
30	13	46	35.5	32 47.1	115 26.1	A	2.5	14.4	HOLTVILLE
31	14	0	53.7	35 1.9	118 59.2	A	3.3	0.0	COMANCHE POINT
31	17	22	45.0	34 20.8	118 31.1	C	1.7	7.7	SANTA SUSANA

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
1	3	22	53.4	35 50.1	118 7.3	B	2.4	3.0		LAMONT PEAK	
2	8	50	30.0	34 19.7	118 23.7	C	1.1	1.2		SAN FERNANDO	
2	10	27	53.9	34 25.9	118 24.8	C	1.7	2.9		SAN FERNANDO	
2	11	32	13.3	34 16.7	118 25.9	C	1.8	5.0		SAN FERNANDO	
2	13	4	14.0	34 19.0	117 38.4	D	1.6	5.6		SAN ANTONIO	
2	13	49	55.9	35 33.1	117 15.8	B	4.2	6.5		SEARLES LAKE	
3	0	20	30.4	34 19.6	118 16.7	C	1.2	8.0		SAN FERNANDO	
3	5	49	22.0	33 6.0	115 37.7	B	2.7	14.8		CALIPATRIA	
4	2	0	31.2	31 42.7	115 60.0	C	2.7	5.1		SIERRA JUAREZ SE	M
4	2	39	44.8	34 21.0	118 25.2	B	2.0	5.4		SAN FERNANDO	
4	4	22	37.6	34 21.0	118 24.1	C	1.1	3.0		SAN FERNANDO	
4	20	59	14.5	34 0.7	117 58.5	B	2.2	5.7		FONTANA	
6	9	28	12.0	34 12.7	118 22.2	D	1.7	5.8		SANTA MONICA	
6	22	14	45.1	33 59.8	117 12.5	A	2.0	15.7		PERRIS	
6	23	1	55.8	33 29.3	116 49.1	B	1.9	8.0		PALOMAR MTN	
7	5	18	6.2	34 8.3	116 40.9	B	2.6	11.4		MORONGO VALLEY	
7	7	52	26.5	34 18.1	118 18.5	D	1.0	7.2		SAN FERNANDO	
7	11	0	56.3	34 23.1	116 50.7	B	2.8	4.9		LUCERNE VALLEY	
8	9	59	2.5	32 20.7	116 18.1	C	3.5	28.1		SIERRA JUAREZ NW	M
8	12	50	24.1	34 20.8	118 25.0	B	1.2	4.2		SAN FERNANDO	
8	16	58	46.4	33 55.8	116 18.3	B	2.5	8.0		THOUSAND PALMS	
8	17	22	32.3	33 56.3	116 19.5	B	2.5	8.0		THOUSAND PALMS	
9	5	52	30.6	34 22.9	118 25.8	A	2.0	0.5		SAN FERNANDO	
9	5	36	0.6	33 55.1	116 18.7	B	2.5	5.8		THOUSAND PALMS	
9	6	57	17.1	34 24.7	118 36.4	C	1.7	5.0		SANTA SUSANA	
9	6	57	18.4	34 25.5	118 30.5	D	1.5	8.5		SANTA SUSANA	
9	7	17	34.7	33 56.8	116 15.9	B	2.8	2.8		THOUSAND PALMS	
9	14	47	25.2	33 55.3	116 17.4	C	2.5	5.4		THOUSAND PALMS	
9	14	52	59.1	33 55.7	116 19.0	B	2.3	5.8		THOUSAND PALMS	
9	15	14	23.1	33 2.3	115 37.0	C	2.5	8.0		CALIPATRIA	
10	13	42	0.1	34 4.2	119 4.1	B	2.8	11.6		HUENEME	
11	0	11	0.1	31 55.7	115 59.9	D	2.6	8.0		SIERRA JUAREZ SE	M
11	1	13	38.5	34 44.4	116 26.5	B	2.7	2.0		LAVIC	
11	22	35	10.6	34 24.4	118 20.2	C	1.5	2.5		SAN FERNANDO	
12	2	24	10.3	34 6.1	118 56.7	B	2.6	14.9		TRIUNFO PASS	
12	5	9	9.6	33 27.6	116 38.8	B	2.2	22.1		WARNER SPRINGS	
12	12	42	54.3	33 15.8	116 15.6	B	2.0	5.4		CLARK LAKE	
13	16	4	27.5	33 58.6	117 29.4	B	2.7	8.0		RIVERSIDE	
14	5	15	37.4	34 16.9	116 59.7	A	2.3	12.1		LUCERNE VALLEY	
14	7	16	2.7	34 14.0	117 10.0	B	2.2	5.0		REDLANDS	
14	13	46	22.6	35 43.4	118 3.9	B	2.3	11.6		ONYX	
15	9	11	56.8	31 51.2	116 15.8	C	2.9	3.9		SANTO TOMAS	M
16	4	0	5.0	31 47.4	115 47.0	C	2.7	8.0		SIERRA JUAREZ SE	M
16	12	47	56.8	32 54.8	116 16.5	B	2.1	8.0		MT LAGUNA	
17	8	30	51.4	33 52.2	118 18.1	B	2.8	12.6		REDONDO	
	FELT LAWNDALE										
17	22	46	31.7	33 38.2	118 20.2	C	1.7	8.8		SAN PEDRO	
18	0	26	53.6	34 2.2	117 2.7	B	2.9	15.3		REDLANDS	
18	8	37	8.1	32 19.5	117 41.0	D	2.5	8.0		CONTINENTAL SHELF	M
18	18	33	19.7	32 49.8	117 1.4	B	2.3	5.0		LA JOLLA	
18	22	57	21.1	33 59.8	118 1.6	C	1.7	5.0		DOWNEY	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
18	23	51	34.3	33 54.9	117 39.6	D	1.7	5.0		CORONA	
19	5	36	37.2	32 51.0	115 43.4	B	2.8	7.1		BRAWLEY	
19	13	13	36.9	34 21.4	117 3.1	A	3.8	5.3		LAKE ARROWHEAD	
	FELT VICTORVILLE										
20	5	56	51.9	34 23.5	116 7.3	B	2.9	8.3		DEADMAN LAKE	
20	6	48	3.6	34 23.2	116 8.4	B	2.3	6.2		DEADMAN LAKE	
20	8	47	56.1	33 58.6	117 17.6	C	1.9	12.5		RIVERSIDE	
20	8	50	59.6	34 23.1	116 8.5	C	2.2	8.0		DEADMAN LAKE	
20	10	41	52.2	34 23.4	116 7.3	B	2.3	6.0		DEADMAN LAKE	
21	4	52	49.7	35 4.7	118 20.5	B	2.5	8.2		TEHACHAPI	
21	11	26	9.3	34 24.7	116 51.4	A	2.7	2.8		LUCERNE VALLEY	
21	17	51	44.3	33 28.8	117 7.9	D	2.0	6.0		TEMECULA	
21	18	35	54.9	34 26.4	118 51.8	D	1.7	9.4		PIRU	
22	4	57	38.6	34 20.2	118 27.3	C	1.7	3.2		SAN FERNANDO	
22	19	7	58.6	34 23.5	118 24.1	C	1.7	9.3		SAN FERNANDO	
23	1	37	58.3	36 23.8	120 22.5	B	3.3	12.4		JOAQUIN ROCKS	*
23	1	43	3.4	34 45.3	119 46.4	D	2.2	19.0		MCPHERSON PEAK	
23	1	43	36.9	34 26.6	119 42.9	C	2.7	25.0		SANTA BARBARA	
23	3	29	18.7	34 1.9	118 24.1	C	1.7	4.0		SANTA MONICA	
23	6	15	24.7	32 5.0	115 48.6	C	3.5	8.0		LAGUNA SALADA	M
23	21	45	4.5	35 10.1	118 20.8	C	2.2	8.0		TEHACHAPI	
23	21	51	3.8	35 3.4	118 19.4	B	2.6	3.5		TEHACHAPI	
23	23	46	50.7	34 0.8	118 15.1	C	1.7	5.0		SANTA MONICA	
24	2	57	12.0	34 0.8	118 15.8	C	1.5	3.7		SANTA MONICA	
24	5	2	0.8	35 4.0	119 2.9	A	4.3	6.4		CONNER	
24	5	15	10.3	35 4.1	119 1.2	B	2.5	5.0		CONNER	
24	7	26	25.0	34 17.9	117 38.2	D	1.5	5.3		SAN ANTONIO	
25	1	4	33.9	34 18.8	118 17.8	C	1.7	8.2		SAN FERNANDO	
25	7	27	21.0	33 58.1	118 37.4	D	1.7	0.3		SANTA MONICA BAY	
25	9	35	27.1	35 1.3	117 6.0	B	2.4	5.0		OPAL MTN	
25	18	33	11.6	33 54.5	118 27.3	D	1.7	5.0		REDONDO	
26	10	49	5.0	35 30.1	117 15.3	B	2.5	4.3		SEARLES LAKE	
26	12	36	26.1	35 1.7	117 5.5	B	3.0	4.1		OPAL MTN	
26	14	50	4.2	33 55.3	116 58.9	B	2.5	15.0		BANNING	
26	22	1	38.7	34 5.6	118 30.1	C	1.7	4.1		CALABASAS	
27	0	42	46.4	35 1.6	117 5.2	B	2.7	4.9		OPAL MTN	
27	2	37	12.5	35 1.7	117 5.8	B	2.2	5.6		OPAL MTN	
27	7	43	23.1	34 20.7	118 21.7	D	1.7	5.0		SAN FERNANDO	
27	21	28	54.8	32 56.1	116 23.6	B	2.9	22.1		MT LAGUNA	
27	21	50	29.1	31 21.4	115 35.3	D	4.0	8.0		VALLE TRINIDAD	M
29	2	48	33.5	31 59.4	116 11.2	D	2.9	0.1		SANTO TOMAS	M
29	3	35	29.8	31 38.0	115 60.0	C	3.6	8.0		SIERRA JUAREZ SE	M
29	6	55	50.3	34 16.8	116 50.3	A	2.2	7.3		LUCERNE VALLEY	
29	9	6	23.7	34 25.5	118 26.3	C	1.5	2.1		SAN FERNANDO	
29	14	46	8.6	37 36.4	118 59.4	D	2.8	8.0		MT MORRISON	
29	22	38	38.0	34 19.9	116 52.2	B	2.0	1.6		LUCERNE VALLEY	
29	22	46	31.7	34 20.8	116 51.5	B	1.9	3.9		LUCERNE VALLEY	
30	0	38	40.9	32 39.7	115 47.9	B	3.1	11.8		COYOTE WELLS	
30	7	6	31.4	33 30.8	116 31.8	A	3.3	10.6		IDYLLWILD	
30	7	12	34.2	37 18.0	118 37.8	D	3.1	8.0		MT TOM	
30	20	44	53.9	34 7.7	118 32.8	D	1.7	5.0		CALABASAS	

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JAN, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
31	0	4	19.4	33 30.9	116 32.4	B	2.5	1.9	IDYLLWILD	
31	1	43	16.5	34 24.8	117 44.5	B	2.3	1.9	SAN ANTONIO	
31	6	5	28.6	34 2.2	117 1.9	A	3.8	11.4	REDLANDS	
	FELT RIVERSIDE AREA ANAHEIM									
31	6	27	39.1	34 17.9	118 19.5	D	1.7	6.1	SAN FERNANDO	
31	6	36	19.3	34 1.5	117 2.8	B	2.3	14.7	REDLANDS	

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1	1	14	35.9	32 47.7	115 34.6	C	2.8	8.0	BRAWLEY	
1	1	37	9.3	32 21.1	115 14.6	C	4.1	12.1	SIERRA CUCAPA	M
1	1	50	42.2	32 9.8	115 7.4	D	2.6	8.0	SIERRA CUCAPA	M
1	1	55	10.7	32 21.6	115 13.0	C	3.7	8.0	SIERRA CUCAPA	M
1	8	9	29.4	34 24.8	118 22.8	A	1.7	9.3	SAN FERNANDO	
1	19	21	17.3	35 3.2	119 3.4	B	2.5	20.5	CONNER	
1	23	25	47.4	35 20.4	118 30.3	C	2.5	8.0	BRECKENRIDGE MTN	
2	9	39	47.5	35 21.3	118 34.6	B	2.9	7.9	BRECKENRIDGE MTN	
2	12	19	54.0	34 12.3	117 26.4	C	1.7	7.2	SAN BERNARDINO	
3	9	51	48.6	34 25.4	118 27.4	D	1.7	6.0	SAN FERNANDO	
3	14	24	26.8	34 24.4	118 24.1	C	1.7	1.0	SAN FERNANDO	
4	10	17	54.1	34 0.4	117 15.9	D	2.2	9.1	SAN BERNARDINO	
4	12	3	55.6	33 59.7	117 16.2	B	2.1	17.7	RIVERSIDE	
4	12	4	55.3	34 2.5	117 16.7	C	2.1	7.9	SAN BERNARDINO	
4	12	6	27.3	33 29.2	116 31.4	B	2.6	13.3	WARNER SPRINGS	
5	12	47	14.2	32 28.0	115 25.1	D	2.5	8.0	SIERRA CUCAPA	M
6	1	11	56.3	33 19.6	116 15.7	B	2.7	12.7	CLARK LAKE	
6	1	48	9.8	33 30.8	116 43.8	C	2.0	8.0	IDYLLWILD	
6	1	48	47.6	33 29.2	116 43.1	B	2.5	8.0	WARNER SPRINGS	
6	3	39	3.3	34 14.0	118 20.3	C	1.2	9.6	SANTA MONICA	
7	6	26	5.9	34 20.7	118 18.7	D	1.6	2.8	SAN FERNANDO	
7	7	36	8.0	35 38.2	118 15.9	C	2.2	8.0	ISABELLA	
7	21	30	43.1	33 27.8	116 57.3	C	1.8	12.2	PALOMAR MTN	
7	22	3	6.3	33 30.0	116 46.8	B	2.5	11.7	HEMET	
8	5	5	55.4	33 42.5	116 50.6	B	2.8	16.6	HEMET	
8	10	45	14.9	34 24.2	118 24.1	C	1.7	1.6	SAN FERNANDO	
9	1	27	5.0	34 19.8	118 28.3	C	1.7	0.8	SAN FERNANDO	
9	3	13	57.7	33 29.2	116 47.5	B	2.2	10.6	PALOMAR MTN	
9	7	44	9.2	33 24.8	117 3.3	C	1.5	6.7	TEMECULA	
9	13	57	10.5	33 23.7	117 6.1	C	1.7	3.0	TEMECULA	
9	18	27	13.9	33 56.0	117 51.0	D	1.7	8.7	ANAHEIM	
10	15	6	2.3	34 0.4	118 23.5	B	2.3	8.0	SANTA MONICA	
10	15	18	16.8	35 31.5	116 20.1	C	2.5	8.0	AVAWATZ PASS	
11	5	46	56.9	32 50.5	116 35.2	D	2.0	3.4	CUYAMACA PEAK	
11	12	10	26.3	33 27.3	116 33.9	B	3.4	8.0	WARNER SPRINGS	
11	12	11	14.4	33 26.4	116 34.4	B	3.4	14.8	WARNER SPRINGS	
11	12	17	22.6	33 27.3	116 32.8	A	2.4	5.2	WARNER SPRINGS	
11	12	20	56.8	34 6.2	118 14.2	A	3.4	13.5	PASADENA	
	FELT SILVER LAKE DISTRICT									
11	12	23	25.4	34 7.4	118 16.8	C	1.7	4.8	SANTA MONICA	
11	13	2	49.5	34 17.7	118 21.4	C	1.7	6.3	SAN FERNANDO	
11	18	39	46.9	34 21.0	118 21.4	C	2.1	3.9	SAN FERNANDO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
13	10	24	37.6	34 1.6	117 5.6	C	1.7	0.1		REDLANDS	
13	21	47	22.5	35 3.6	118 19.1	B	2.3	0.1		TEHACHAPI	
14	4	44	5.3	34 25.5	118 24.1	D	1.4	9.8		SAN FERNANDO	
14	9	56	58.0	34 15.4	116 48.6	B	3.0	8.0		LUCERNE VALLEY	
14	12	33	16.6	34 26.3	119 5.0	B	2.5	8.0		SANTA PAULA	
14	17	32	35.6	31 49.7	116 1.8	C	3.1	16.6		SANTO TOMAS	M
15	14	44	29.0	34 25.1	118 22.5	A	3.6	10.2		SAN FERNANDO	
	FELT SAUGUS AREA										
15	14	45	35.3	34 27.3	118 20.9	B	2.7	6.0		SAN FERNANDO	
15	18	56	36.1	34 5.5	118 14.7	B	2.1	8.0		PASADENA	
16	1	22	40.6	34 23.5	118 23.6	C	1.7	0.9		SAN FERNANDO	
16	10	41	1.7	34 11.9	117 36.4	C	2.2	5.6		ONTARIO	
16	13	1	50.7	34 21.5	117 1.7	A	3.0	5.1		LAKE ARROWHEAD	
16	22	14	27.9	35 27.8	116 27.9	B	2.6	7.7		CLARK LAKE	
16	22	47	2.6	35 20.0	116 18.1	B	2.2	8.0		CLARK LAKE	
17	5	24	3.5	34 23.5	118 23.5	C	1.7	9.6		SAN FERNANDO	
17	14	28	14.9	34 1.8	117 17.8	C	1.7	7.5		SAN BERNARDINO	
17	21	26	49.7	35 28.1	116 29.3	B	2.2	21.5		CLARK LAKE	
18	7	18	2.6	34 23.5	116 48.0	D	3.3	8.0		LUCERNE VALLEY	
18	8	14	45.3	34 20.9	118 22.2	C	1.7	2.8		SAN FERNANDO	
18	10	13	50.3	33 47.7	118 30.7	C	1.7	5.0		SANTA MONICA BAY	
18	13	12	21.0	34 11.6	117 36.4	B	2.6	3.9		ONTARIO	
18	13	30	29.9	34 11.7	117 36.1	C	1.7	8.0		ONTARIO	
19	6	7	55.0	35 46.3	116 5.4	B	3.1	8.0		LOST HORSE MTN	
19	6	42	5.5	33 0.7	117 48.2	B	3.0	11.5		GULF OF SANTA CATALINA	
19	10	35	18.6	32 21.7	116 16.1	D	2.0	3.5		SIERRA JUAREZ NW	M
20	5	18	15.6	33 57.6	119 25.8	B	2.5	8.0		ANACAPA I SOUTH	
20	6	17	21.1	33 4.0	116 41.5	B	2.6	15.5		SANTA YSABEL	
20	12	41	52.6	34 12.0	117 36.8	C	2.2	8.3		ONTARIO	
20	23	21	32.6	34 7.4	118 15.2	A	2.4	8.0		SANTA MONICA	
	FELT GLENDALE BURBANK										
21	4	38	24.9	32 59.6	115 55.3	B	3.1	8.0		PLASTER CITY	
21	5	4	33.0	36 5.0	119 46.4	B	2.7	0.8		STRATFORD	*
21	6	20	11.3	35 49.6	117 38.5	B	2.5	4.8		MOUNTAIN SPRINGS CANYON	
21	18	37	17.9	34 19.0	118 18.2	C	1.4	8.4		SAN FERNANDO	
22	20	15	57.5	32 56.4	116 24.0	B	2.3	12.7		MT LAGUNA	
23	0	29	55.9	33 6.3	117 14.3	D	1.9	12.7		ESCONDIDO	
24	2	52	49.4	35 55.5	117 39.9	B	2.6	8.0		MOUNTAIN SPRINGS CANYON	
24	5	36	3.4	34 1.9	117 12.0	C	1.7	0.5		REDLANDS	
24	11	51	0.3	34 7.3	118 16.4	D	1.7	7.0		SANTA MONICA	
24	11	51	42.6	34 13.4	117 36.8	C	1.7	5.0		ONTARIO	
25	5	20	52.0	34 24.5	118 24.1	C	1.9	0.3		SAN FERNANDO	
25	10	45	48.3	33 2.7	116 30.0	B	2.2	13.3		SANTA YSABEL	
25	10	51	23.2	34 11.4	118 34.6	D	1.9	2.7		CALABASAS	
25	10	52	32.8	34 10.4	118 35.8	D	1.4	5.0		CALABASAS	
25	11	34	39.6	34 16.9	116 49.2	B	2.6	11.2		LUCERNE VALLEY	
25	11	40	18.0	34 21.7	117 4.2	B	1.9	8.0		LAKE ARROWHEAD	
25	15	47	42.6	34 22.5	118 26.2	A	2.9	9.5		SAN FERNANDO	
25	15	49	37.3	34 22.5	118 25.9	B	2.0	5.6		SAN FERNANDO	
25	16	5	37.5	34 21.9	118 25.8	B	2.0	9.8		SAN FERNANDO	
25	16	5	38.0	34 21.1	118 27.6	B	2.0	8.0		SAN FERNANDO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, FEB, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
25	17	35	29.7	34 23.1	118 27.9	C	1.6	5.0	SAN FERNANDO	
25	20	33	37.2	34 21.9	118 26.0	B	2.0	9.4	SAN FERNANDO	
25	20	45	42.4	34 21.5	118 26.8	B	1.8	7.3	SAN FERNANDO	
26	5	33	54.5	34 22.1	118 25.5	C	1.7	0.3	SAN FERNANDO	
26	12	54	36.0	34 11.0	117 21.8	B	1.8	5.2	SAN BERNARDINO	
26	13	7	47.5	34 21.9	118 24.6	C	1.3	1.8	SAN FERNANDO	
26	16	36	20.4	34 22.2	118 24.8	C	1.5	1.6	SAN FERNANDO	
26	17	22	23.2	33 28.4	116 26.9	B	2.5	3.9	CLARK LAKE	
27	0	39	48.0	34 22.1	118 24.1	D	1.4	1.0	SAN FERNANDO	
27	5	41	18.0	34 4.2	118 4.0	A	2.5	12.9	PASADENA	
	FELT			MONTEREY PARK	ALHAMBRA					
27	8	7	26.7	34 11.5	117 33.6	B	2.5	4.1	ONTARIO	
27	12	25	36.5	34 13.6	119 31.8	B	2.5	11.8	SANTA CRUZ I NE	
27	15	14	36.1	34 22.6	118 24.1	B	1.2	3.6	SAN FERNANDO	
27	19	38	26.2	34 20.7	117 5.0	D	2.2	5.9	LAKE ARROWHEAD	
28	17	30	26.8	34 20.5	118 30.8	B	1.4	2.2	SANTA SUSANA	
				MAR, 1974						
1	3	14	9.4	33 57.6	117 46.7	C	2.2	5.0	ANAHEIM	
1	5	42	33.1	34 22.5	118 24.5	B	1.4	1.3	SAN FERNANDO	
1	8	3	57.8	34 20.0	117 37.6	D	2.2	8.8	SAN ANTONIO	
1	11	22	3.3	34 20.9	117 5.9	B	2.4	8.0	LAKE ARROWHEAD	
2	0	8	36.7	32 44.3	116 31.3	B	2.3	8.0	POTRERO	
3	10	43	30.1	33 24.9	116 25.3	B	2.3	8.0	CLARK LAKE	
3	16	29	2.1	34 21.0	118 31.3	A	2.9	8.0	SANTA SUSANA	
3	16	32	39.0	34 7.6	118 45.5	B	2.6	8.0	TRIUNFO PASS	
3	16	59	24.0	34 5.3	118 59.2	B	2.6	13.2	TRIUNFO PASS	
4	0	34	12.7	34 19.6	118 30.0	C	2.0	6.4	SANTA SUSANA	
4	0	41	8.3	34 20.8	118 31.0	B	2.0	2.2	SANTA SUSANA	
4	3	23	29.3	34 12.2	117 29.8	C	2.0	6.6	SAN BERNARDINO	
4	8	3	56.0	32 33.1	114 46.7	D	2.7	3.9	GRAYS WELL	M
4	9	5	14.9	34 20.5	118 30.4	B	1.6	2.7	SANTA SUSANA	
4	20	10	51.2	34 5.2	117 19.0	D	1.8	7.9	SAN BERNARDINO	
5	5	30	7.7	34 20.9	118 20.4	C	1.7	2.9	SAN FERNANDO	
5	13	44	41.3	34 8.8	117 43.0	B	2.3	4.4	ONTARIO	
5	21	9	57.0	34 8.3	118 6.1	B	1.9	8.9	PASADENA	
6	1	52	34.4	34 6.4	118 13.3	B	2.6	12.7	PASADENA	
	FELT			LA CANADA	SANTA FE SPRINGS				HIGHLAND PARK	
6	6	29	8.1	33 55.4	118 40.3	C	2.1	5.0	SANTA MONICA BAY	
6	7	57	8.4	32 27.3	115 12.6	C	2.5	8.0	SIERRA CUCAPA	M
6	14	23	20.2	34 22.0	118 26.2	A	1.8	8.8	SAN FERNANDO	
6	14	23	51.4	34 20.8	118 27.1	A	1.8	6.4	SAN FERNANDO	
6	14	37	1.5	34 21.6	118 26.3	B	2.4	7.0	SAN FERNANDO	
6	14	52	3.0	34 22.3	118 25.6	B	2.0	9.5	SAN FERNANDO	
6	17	2	27.5	34 21.1	118 25.8	B	2.2	5.3	SAN FERNANDO	
6	20	1	3.0	34 20.3	116 55.7	A	2.2	8.0	LUCERNE VALLEY	
7	6	29	12.7	34 8.9	118 31.5	C	1.9	4.2	CALABASAS	
7	8	23	14.0	34 25.5	118 24.8	C	1.4	1.3	SAN FERNANDO	
7	20	0	4.6	34 21.8	118 25.9	A	2.6	8.0	SAN FERNANDO	
8	2	22	41.6	34 23.5	118 23.2	C	1.2	8.8	SAN FERNANDO	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE
8	13	20	47.0	33 43.8	118 0.6	D	2.2	9.8	LAS BOLSAS
8	18	1	58.0	34 22.0	118 25.1	B	1.7	1.6	SAN FERNANDO
8	18	2	26.0	34 22.6	118 25.7	B	2.9	11.9	SAN FERNANDO
8	21	4	8.4	34 20.5	118 25.2	B	2.0	4.9	SAN FERNANDO
9	0	54	13.2	34 22.9	118 26.2	A	3.5	10.1	SAN FERNANDO
	FELT OVER LOS ANGELES COUNTY								
9	0	54	31.9	34 23.9	118 28.4	C	4.7	24.4	SAN FERNANDO
	FELT SAN FERNANDO								
9	1	2	52.6	34 22.2	118 25.9	B	1.7	0.3	SAN FERNANDO
9	1	3	44.0	34 22.3	118 26.4	B	1.7	9.5	SAN FERNANDO
9	1	4	14.7	34 21.6	118 25.4	B	2.6	8.3	SAN FERNANDO
9	1	7	12.9	34 23.5	118 24.1	D	1.7	2.7	SAN FERNANDO
9	1	10	4.6	34 21.0	118 25.6	C	1.5	8.1	SAN FERNANDO
9	1	10	59.6	34 22.0	118 25.7	B	1.7	0.5	SAN FERNANDO
9	1	11	29.4	34 19.9	118 25.7	C	2.0	2.7	SAN FERNANDO
9	1	13	51.7	34 23.5	118 19.6	D	1.9	2.6	SAN FERNANDO
9	1	19	18.3	34 20.8	118 25.2	C	1.5	6.6	SAN FERNANDO
9	1	22	52.3	34 22.4	118 27.1	A	3.0	8.0	SAN FERNANDO
9	1	31	43.8	34 21.5	118 25.0	B	1.7	6.8	SAN FERNANDO
9	1	37	31.7	34 21.9	118 24.1	C	1.4	9.8	SAN FERNANDO
9	1	46	16.9	34 21.4	118 24.1	C	1.3	0.2	SAN FERNANDO
9	1	53	39.4	34 22.2	118 24.1	D	1.4	2.0	SAN FERNANDO
9	1	57	24.7	34 22.4	118 24.1	D	1.3	0.3	SAN FERNANDO
9	2	9	40.4	34 22.0	118 26.6	B	1.2	9.0	SAN FERNANDO
9	2	11	47.6	34 22.8	118 25.8	C	1.7	1.6	SAN FERNANDO
9	2	29	18.3	34 22.3	118 24.5	C	1.1	0.6	SAN FERNANDO
9	2	35	25.4	34 22.3	118 24.1	D	1.3	0.8	SAN FERNANDO
9	2	49	13.1	34 22.4	118 24.1	D	1.2	1.7	SAN FERNANDO
9	2	58	55.9	34 21.3	118 24.1	D	1.3	8.8	SAN FERNANDO
9	3	12	59.4	34 22.3	118 24.6	D	1.9	0.8	SAN FERNANDO
9	3	18	15.1	34 22.1	118 25.0	D	1.8	2.4	SAN FERNANDO
9	3	19	57.0	34 21.3	118 26.7	B	1.8	6.5	SAN FERNANDO
9	3	25	9.9	34 22.1	118 24.1	D	1.4	0.5	SAN FERNANDO
9	3	30	25.9	34 22.6	118 25.0	B	2.6	2.6	SAN FERNANDO
9	3	41	36.2	34 6.2	118 19.0	C	2.0	6.8	SANTA MONICA
9	4	10	11.9	34 21.9	118 25.3	B	1.6	8.7	SAN FERNANDO
9	4	19	9.1	34 23.0	118 26.3	A	3.2	10.6	SAN FERNANDO
9	5	2	29.9	34 22.6	118 24.9	D	1.7	3.1	SAN FERNANDO
9	5	2	41.4	34 21.2	118 26.0	C	1.9	8.1	SAN FERNANDO
9	5	33	2.5	34 21.2	118 25.5	C	1.4	7.7	SAN FERNANDO
9	8	55	51.5	34 21.6	118 24.1	C	1.8	1.3	SAN FERNANDO
9	15	4	54.3	34 20.6	118 26.0	C	1.6	4.6	SAN FERNANDO
9	15	24	26.9	34 21.9	118 26.1	B	2.4	0.5	SAN FERNANDO
9	22	27	12.7	33 4.0	118 50.8	C	2.5	17.2	SAN NICOLAS BASIN
10	5	23	10.2	34 21.6	118 25.6	B	1.7	8.7	SAN FERNANDO
10	6	26	52.0	33 27.6	118 24.8	B	2.5	8.0	EMERALD MTN
10	7	43	39.6	34 22.4	118 25.6	B	1.7	1.4	SAN FERNANDO
10	19	5	43.7	34 23.5	118 24.8	C	1.7	4.4	SAN FERNANDO
11	10	49	4.0	34 22.5	118 24.1	C	1.7	0.8	SAN FERNANDO
11	15	48	24.0	33 29.1	116 49.2	B	1.9	16.4	PALOMAR MTN
11	18	30	6.5	34 22.0	118 26.0	D	2.0	5.0	SAN FERNANDO

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAR, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
11	18	59	9.8	33 28.7	116 44.9	B	2.1	8.0	WARNER SPRINGS	
12	0	41	33.8	32 47.8	115 27.3	B	2.8	16.6	HOLTVILLE	
12	3	3	13.9	34 22.0	118 33.9	B	2.0	1.8	SANTA SUSANA	
12	7	35	45.3	34 4.5	118 13.5	A	3.1	8.0	PASADENA	
	FELT LOS ANGELES AREA									
12	7	38	43.7	34 4.7	118 13.7	B	2.0	3.2	PASADENA	
12	9	42	45.0	33 44.6	118 43.1	B	2.1	8.0	SAN PEDRO CHANNEL	
12	10	13	43.1	34 4.3	118 13.9	B	2.0	3.9	PASADENA	
12	11	9	30.3	32 47.4	115 27.0	B	2.6	8.7	HOLTVILLE	
12	14	24	34.0	34 4.0	117 21.0	B	1.9	0.2	SAN BERNARDINO	
12	15	37	28.9	34 48.3	117 33.2	A	3.4	2.0	KRAMER	
12	16	53	8.2	36 56.0	116 36.5	D	3.0	11.1	BARE MTN	N
12	23	14	28.0	35 22.5	118 32.0	B	1.9	3.7	BRECKENRIDGE MTN	
13	7	19	59.5	31 46.6	116 14.0	C	3.0	4.3	SANTO TOMAS	M
13	9	21	31.2	31 52.6	116 14.7	C	3.0	5.3	SANTO TOMAS	M
13	18	10	15.1	33 4.4	116 38.0	B	2.5	12.3	SANTA YSABEL	
13	23	55	58.2	32 47.5	115 27.1	B	2.7	8.0	HOLTVILLE	
14	0	2	3.1	32 48.0	115 27.7	B	2.7	14.9	HOLTVILLE	
14	13	38	45.9	33 43.5	116 51.8	B	2.5	11.4	HEMET	
15	0	25	1.8	34 12.6	117 31.4	B	2.7	2.0	ONTARIO	
15	5	36	45.7	34 5.1	118 13.0	B	1.8	12.3	PASADENA	
16	9	17	17.9	33 47.6	118 9.2	B	2.1	8.0	DOWNEY	
16	13	11	57.8	34 23.5	118 24.6	B	2.1	8.0	SAN FERNANDO	
16	16	25	22.3	36 32.6	119 24.8	D	2.9	16.4	DINUBA	
16	17	52	45.5	35 48.9	117 41.6	B	2.7	4.6	MOUNTAIN SPRINGS CANYON	
17	12	2	28.6	32 6.6	116 21.0	C	2.8	3.1	SIERRA JUAREZ NW	M
19	2	37	26.7	34 4.0	118 54.5	B	2.5	14.9	TRIUNFO PASS	
19	14	22	47.5	33 59.1	116 22.8	B	2.5	7.6	THOUSAND PALMS	
20	10	39	57.7	37 2.0	116 40.6	D	3.0	24.9	THIRSTY CANYON	* N
21	7	12	28.1	31 37.8	116 8.7	C	3.5	8.0	SANTO TOMAS	M
21	22	50	5.2	34 8.3	117 27.9	A	3.0	1.9	SAN BERNARDINO	
	FELT FONTANA									
21	23	38	2.2	32 44.1	116 30.7	B	2.5	5.1	POTRERO	
22	6	30	46.3	33 17.9	115 43.7	B	2.6	2.1	FRINK	
22	8	59	6.3	32 21.3	115 3.3	D	2.5	3.2	SIERRA CUCAPA	M
22	9	19	22.6	32 16.9	114 59.5	C	2.5	8.0	GRAN DESIERTO	M
22	11	7	24.4	32 20.8	115 2.7	C	2.7	6.0	SIERRA CUCAPA	M
22	19	16	1.3	32 50.4	115 28.3	B	2.5	14.6	HOLTVILLE	
23	14	14	34.8	32 59.2	115 31.8	A	2.4	14.2	BRAWLEY	
25	20	13	34.6	33 28.6	116 25.1	B	2.9	8.0	CLARK LAKE	
26	5	23	47.0	34 5.9	118 16.0	B	1.9	5.7	SANTA MONICA	
26	9	24	27.7	36 10.1	118 16.8	B	2.4	4.9	HOCKETT PEAK	
26	9	33	12.4	33 56.4	117 47.0	B	2.1	5.5	ANAHEIM	
27	6	47	56.7	34 28.6	116 27.6	B	3.6	8.0	EMERSON LAKE	
27	7	4	27.0	34 28.6	116 28.2	B	3.8	8.0	EMERSON LAKE	
27	17	22	53.8	33 55.9	115 52.8	B	3.4	2.3	HEXIE MTNS	
29	15	4	24.9	33 4.1	116 13.4	B	2.8	8.0	BORREGO MTN	
30	1	12	37.4	34 6.0	118 44.8	A	2.4	10.8	CALABASAS	
30	11	45	43.6	34 1.9	116 27.1	B	2.5	2.4	JOSHUA TREE	
31	0	13	18.9	32 44.5	115 26.5	B	2.9	18.5	CALEXICO	
31	11	20	49.3	34 3.0	118 39.7	B	3.1	6.2	CALABASAS	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, APR, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
1	14	7	21.9	33 28.9	116 26.3	B	3.2	8.0	CLARK LAKE	
1	14	7	41.7	33 32.9	116 24.7	C	3.1	6.0	PALM DESERT	
1	14	9	8.3	33 28.6	116 26.6	B	2.8	5.6	CLARK LAKE	
1	19	56	13.4	34 4.5	119 0.1	B	2.8	8.0	HUENEME	
2	10	16	59.8	34 31.3	118 44.8	B	2.7	18.0	LIEBRE MTN	
2	13	1	29.2	32 34.3	115 16.8	B	2.7	28.8	CALEXICO	
2	13	1	54.1	32 33.0	115 16.9	B	2.7	31.5	CALEXICO	
2	20	58	20.5	34 11.4	117 33.8	A	2.7	5.3	ONTARIO	
3	10	46	23.5	34 5.2	118 47.2	B	2.8	11.3	TRIUNFO PASS	
	FELT THOUSAND OAKS									
3	22	56	18.5	34 20.9	118 25.8	B	2.9	4.2	SAN FERNANDO	
	FELT VALENCIA									
4	11	38	23.4	34 19.2	118 37.9	B	2.1	0.0	SANTA SUSANA	
4	22	24	10.3	34 16.4	118 29.0	C	2.0	10.9	SAN FERNANDO	
5	1	39	39.2	34 3.7	118 49.8	B	2.8	8.0	TRIUNFO PASS	
5	10	42	50.7	34 31.0	116 27.1	B	4.1	4.8	LAVIC	
6	13	55	44.0	33 20.5	116 23.5	B	3.0	11.8	CLARK LAKE	
7	14	45	1.3	33 56.8	115 54.3	B	2.3	8.0	HEXIE MTNS	
8	2	8	1.4	34 17.3	116 52.0	B	2.3	8.6	LUCERNE VALLEY	
8	3	10	45.3	35 21.2	118 30.2	B	2.6	7.5	BRECKENRIDGE MTN	
9	16	22	58.0	31 51.6	116 7.0	C	3.4	8.0	SANTO TOMAS	M
12	0	3	46.4	34 0.7	116 39.1	B	2.4	8.0	MORONGO VALLEY	
12	19	38	21.9	34 1.0	117 14.9	B	2.5	16.0	REDLANDS	
15	1	41	14.5	33 37.7	116 48.0	B	2.6	7.8	HEMET	
15	14	20	14.7	33 41.8	116 53.7	B	2.4	11.2	HEMET	
15	17	24	12.3	32 58.4	115 32.2	B	3.0	15.3	BRAWLEY	
17	6	10	28.4	33 30.5	116 25.9	B	2.8	8.0	PALM DESERT	
17	11	23	58.9	33 20.6	116 47.9	B	2.7	13.5	PALOMAR MTN	
18	5	13	22.1	33 29.3	116 46.8	B	2.3	8.0	PALOMAR MTN	
18	11	34	0.2	33 29.0	116 47.5	B	2.4	8.0	PALOMAR MTN	
20	1	35	3.9	34 42.5	118 26.8	B	3.3	8.0	BOUQUET RESERVOIR	
21	0	17	38.8	33 2.7	115 41.4	B	2.2	8.0	CALIPATRIA	
21	6	19	57.5	33 4.0	115 38.9	B	2.5	13.5	CALIPATRIA	
22	14	53	35.0	34 19.4	118 30.8	B	2.4	5.3	SANTA SUSANA	
23	15	13	2.1	37 2.8	116 5.5	C	3.0	8.0	TIPPIPAH SPRING	* N
25	8	23	53.9	34 1.4	119 4.2	B	3.1	14.3	HUENEME	
25	8	28	42.6	34 2.3	119 7.1	B	2.2	12.0	HUENEME	
25	12	31	31.1	34 25.3	118 27.3	B	1.7	12.6	SAN FERNANDO	
26	6	37	12.0	36 56.8	117 45.3	B	2.6	8.0	THIRTYMILE BANK	
26	21	18	28.9	35 22.3	118 53.4	B	2.8	7.4	BAKERSFIELD	
28	4	17	28.3	34 1.2	117 44.4	A	2.5	5.5	ONTARIO	
29	10	18	0.2	32 0.8	116 19.8	C	2.9	8.0	SIERRA JUAREZ Mex	M
29	17	41	47.8	33 14.8	115 38.3	B	2.4	3.7	CALIPATRIA	
30	7	17	10.8	33 13.3	116 2.1	B	2.4	12.7	AGUANGA MTN	
30	17	21	42.3	32 58.7	115 31.3	A	2.8	13.4	BRAWLEY	
30	19	59	48.8	32 18.7	115 5.4	C	2.8	5.2	SIERRA CUCAPA	M

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
2	2	21	40.2	34 26.0	118 19.1	B	1.8	1.6	R	SAN FERNANDO	
2	7	33	45.6	34 17.9	118 18.3	B	2.3	1.2		SAN FERNANDO	
5	23	38	53.9	35 45.6	118 2.4	B	2.9	4.7		LAMONT PEAK	
6	4	12	57.7	33 28.1	116 35.5	B	2.6	8.0		WARNER SPRINGS	
6	7	29	28.0	32 24.2	115 11.8	C	2.5	12.0		SIERRA CUCAPA	M
6	9	18	7.8	34 4.0	116 31.2	B	2.2	2.0		MORONGO VALLEY	
6	20	29	26.6	34 5.6	116 31.2	B	2.4	0.3		MORONGO VALLEY	
6	20	31	48.2	34 4.6	116 31.5	A	3.0	3.9		MORONGO VALLEY	
6	20	57	46.0	34 2.4	116 31.6	B	2.2	8.0		MORONGO VALLEY	
7	5	6	36.1	34 5.1	116 30.8	B	2.6	2.1		MORONGO VALLEY	
7	22	48	28.2	34 26.9	116 30.2	B	2.3	5.3		OLD WOMAN SPRINGS	
9	19	27	35.6	31 45.6	114 40.1	D	2.8	8.0		ISLA MONTAGUE	M
9	5	43	57.8	32 25.2	115 13.1	C	2.6	15.9		SIERRA CUCAPA	M
9	12	59	2.1	32 21.2	115 12.3	C	2.5	15.6		SIERRA CUCAPA	M
10	7	14	59.7	32 27.0	115 13.3	B	3.2	25.0		SIERRA CUCAPA	M
10	7	22	28.7	32 22.1	115 12.9	B	2.4	21.1		SIERRA CUCAPA	M
13	8	46	19.5	36 49.8	117 53.5	C	2.3	3.4		WAUCOBA WASH	
13	10	6	57.7	34 24.8	116 50.6	A	2.8	5.7		LUCERNE VALLEY	
13	10	11	48.5	34 24.3	116 50.2	A	2.4	6.1		LUCERNE VALLEY	
13	17	44	48.7	32 35.6	115 17.5	B	2.5	12.5		CALEXICO	
14	6	25	43.2	33 38.4	118 19.8	A	2.1	13.3		SAN PEDRO	
14	6	29	3.8	33 39.1	118 19.5	B	2.2	8.0		SAN PEDRO	
14	8	37	23.7	35 20.6	117 39.7	B	2.0	3.7		RANDSBURG	
15	6	48	1.4	35 5.8	118 58.7	B	3.3	12.9		COMANCHE POINT	
17	5	3	45.1	35 13.8	118 36.9	B	2.6	1.7		CUMMINGS MTN	
18	0	7	15.6	31 59.3	116 24.6	B	2.8	8.0		SANTO TOMAS	M
18	6	25	41.2	31 46.7	116 1.2	C	2.8	12.4		SANTO TOMAS	M
18	21	49	38.2	32 13.9	116 43.9	C	2.2	6.0		DESCANSO	M
19	13	8	31.4	34 39.0	116 23.2	B	2.4	4.1		LAVIC	
19	13	23	8.9	34 39.9	116 20.7	B	2.6	8.0		LAVIC	
19	20	3	4.5	35 53.8	117 43.5	B	3.1	0.9		MOUNTAIN SPRINGS CANYON	
19	21	54	43.9	35 52.1	117 45.3	B	2.2	3.6		LITTLE LAKE	
19	21	58	2.6	35 53.8	117 44.7	B	2.0	3.8		MOUNTAIN SPRINGS CANYON	
19	22	9	14.9	35 53.8	117 43.5	B	2.2	2.9		MOUNTAIN SPRINGS CANYON	
19	22	58	57.8	35 55.3	117 44.9	B	2.1	0.6		MOUNTAIN SPRINGS CANYON	
19	23	43	37.6	35 54.1	117 44.4	B	2.2	4.3		MOUNTAIN SPRINGS CANYON	
20	0	16	1.5	35 54.3	117 42.8	B	3.0	4.4		MOUNTAIN SPRINGS CANYON	
20	0	27	17.1	35 53.9	117 44.7	B	2.2	3.6		MOUNTAIN SPRINGS CANYON	
20	3	27	55.0	35 53.1	117 44.1	B	2.1	2.3		MOUNTAIN SPRINGS CANYON	
20	6	3	20.0	35 53.9	117 44.5	B	2.2	3.5		MOUNTAIN SPRINGS CANYON	
20	6	25	5.9	35 53.7	117 45.4	B	2.5	8.0		LITTLE LAKE	
20	21	50	18.4	35 52.0	117 45.6	B	2.6	4.1		LITTLE LAKE	
21	23	3	49.2	32 10.2	115 46.3	C	3.5	10.3		LAGUNA SALADA	M
22	3	28	36.8	34 31.2	116 30.9	B	3.5	10.8		RUDMAN MTS	
23	2	8	34.3	34 46.9	116 26.7	B	2.0	2.0		LAVIC	
23	16	41	52.0	35 38.1	117 4.1	B	2.5	3.8		WINGATE PASS	
24	11	40	29.4	34 8.2	120 28.1	C	2.8	8.0		LOMPOC	
25	2	10	15.9	34 25.3	118 18.7	B	2.0	0.2		SAN FERNANDO	
25	3	36	28.3	32 46.4	115 28.7	B	2.2	20.8		HOLTVILLE	
25	16	52	42.7	36 14.2	118 56.0	C	3.2	0.4		UNGLEY	
26	1	27	17.6	35 39.8	118 23.0	C	3.0	1.4		CANADA	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, MAY, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE		
26	14	13	58.5	34 11.7	117 31.7	A	3.1	0.8	ONTARIO		
26	16	33	13.1	36 24.0	117 54.5	C	2.0	3.1	KEELER		
26	19	3	12.3	33 2.1	115 49.1	B	2.4	5.5	KANE SPRING		
26	22	50	48.3	35 19.6	118 33.3	B	2.4	4.3	BRECKENRIDGE MTN		
27	9	21	25.4	35 48.2	119 19.0	D	2.8	8.0	EARLIMART		
27	11	42	47.8	34 39.4	116 23.0	B	3.6	8.0	LAVIC		
27	11	56	28.2	34 40.7	116 24.6	B	3.1	8.0	LAVIC		
27	14	9	37.7	34 39.9	116 24.2	B	3.8	4.9	LAVIC		
28	15	2	34.2	36 6.0	120 35.9	D	3.0	8.0	PRIEST VALLEY	*	
28	15	11	9.2	34 21.5	117 2.4	B	2.7	8.0	LAKE ARROWHEAD		
28	17	3	51.7	35 28.8	118 38.2	B	3.2	8.0	BRECKENRIDGE MTN		
28	17	46	7.5	35 30.2	118 40.2	B	2.3	10.1	GLENNVILLE		
28	23	46	30.7	34 9.2	117 35.0	B	2.5	1.0	ONTARIO		
29	13	50	44.6	33 52.0	116 47.3	B	2.4	12.1	BANNING		
29	18	10	41.9	36 43.7	115 52.2	B	3.9	12.1	MERCURY	*	N
29	19	23	32.3	36 47.9	115 45.0	C	3.8	8.0	FRENCHMAN LAKE	*	N
30	0	45	43.7	34 48.4	117 32.9	A	3.1	5.4	KRAMER		
31	3	43	22.3	35 50.2	117 30.9	B	3.1	8.9	MOUNTAIN SPRINGS CANYON		

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1	12	32	2.6	34 21.4	118 23.7	A	2.0	4.0	SAN FERNANDO		
2	6	54	21.6	33 8.2	115 38.8	B	3.1	7.4	CALIPATRIA		
2	7	3	8.6	33 9.1	115 38.3	B	2.5	8.0	CALIPATRIA		
2	8	2	14.1	32 52.7	115 37.1	D	1.8	12.8	BRAWLEY		
3	1	28	22.5	32 57.9	115 33.0	C	1.9	8.0	BRAWLEY		
3	1	28	58.5	32 58.8	115 31.9	A	2.4	15.1	BRAWLEY		
3	3	11	29.2	32 58.5	115 32.2	B	2.1	8.0	BRAWLEY		
3	11	32	59.0	35 54.0	120 25.8	D	2.7	1.6	PARKFIELD	*	
3	21	24	2.3	35 2.3	118 54.5	A	3.3	3.2	COMANCHE POINT		
3	22	6	49.6	35 1.0	118 52.1	B	2.7	8.0	COMANCHE POINT		
5	5	12	2.8	33 9.8	115 39.1	B	2.1	8.0	CALIPATRIA		
5	5	27	8.5	33 9.3	115 37.6	B	2.2	4.6	CALIPATRIA		
5	10	33	58.1	31 44.1	115 49.7	C	3.3	9.9	SIERRA JUAREZ SE		M
6	7	7	38.1	31 53.5	116 2.6	D	2.6	8.0	SANTO TOMAS		M
6	8	44	38.6	33 9.2	115 39.7	C	2.0	8.0	CALIPATRIA		
6	21	53	8.7	35 3.5	118 19.5	B	2.3	3.6	TEHACHAPI		
7	2	11	33.9	37 7.0	119 55.6	D	2.8	3.6	RAYMOND	*	
7	7	9	58.4	33 40.9	118 20.1	B	2.8	15.6	SAN PEDRO		
8	2	44	6.4	33 8.0	115 40.9	B	2.3	8.0	CALIPATRIA		
8	23	32	14.7	32 57.4	115 33.2	C	2.7	8.0	BRAWLEY		
9	21	34	23.2	34 19.9	118 15.4	B	2.4	10.2	SAN FERNANDO		
9	22	27	33.8	35 32.1	117 25.8	B	3.8	8.0	SEARLES LAKE		
	FELT CHINA LAKE										
10	2	44	36.6	32 59.8	115 36.8	C	2.4	8.0	BRAWLEY		
10	3	4	46.3	32 58.7	115 35.2	C	2.5	8.0	BRAWLEY		
10	6	44	10.0	35 32.1	117 26.4	B	4.1	9.1	SEARLES LAKE		
	FELT CHINA LAKE										
10	6	48	51.6	35 31.5	117 27.9	B	2.5	6.0	SEARLES LAKE		
10	6	59	27.6	35 32.0	117 26.4	B	2.4	8.0	SEARLES LAKE		
11	9	47	6.3	32 58.5	116 40.2	C	3.1	27.4	HEBERGO		*

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUN, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
10	18	38	33.8	35 33.3	117 26.9	B	2.8	6.7		SEARLES LAKE	
11	4	55	7.7	35 40.1	115 40.1	C	3.8	8.0		CLARK MTN	*
11	13	56	35.4	34 26.0	118 26.7	B	2.6	7.4		SAN FERNANDO	
11	21	32	20.1	33 16.3	116 50.7	B	2.6	10.8		PALOMAR MTN	
11	21	33	29.5	33 15.2	116 48.8	B	2.6	10.1		PALOMAR MTN	
11	22	53	36.0	34 25.7	118 26.0	A	2.3	11.8		SAN FERNANDO	
12	23	48	20.2	32 42.9	117 2.2	B	2.7	8.0		SAN DIEGO	
14	23	47	53.3	34 10.6	117 6.5	A	3.0	4.5		REDLANDS	
15	21	37	56.9	34 10.5	117 6.7	B	2.9	8.0		REDLANDS	
15	21	41	37.5	34 10.9	117 7.9	A	2.3	6.2		REDLANDS	
16	17	55	56.8	37 13.7	118 29.6	D	2.8	5.8		BIG PINE	
18	21	24	52.1	34 24.6	118 20.7	B	2.5	2.0		SAN FERNANDO	
20	0	9	29.9	34 24.9	118 17.5	B	2.5	2.6		SAN FERNANDO	
21	2	5	17.9	34 3.0	119 0.6	B	2.6	17.7		HUENEME	
21	7	15	1.4	34 22.3	117 2.9	A	3.0	4.5		LAKE ARROWHEAD	
22	11	43	2.9	31 40.0	115 52.6	C	3.1	12.4		SIERRA JUAREZ SE	M
22	15	15	38.0	34 18.0	116 36.6	B	3.0	8.1		OLD WOMAN SPRINGS	
22	15	51	50.6	32 40.5	115 54.8	B	2.7	17.1		COYOTE WELLS	
22	16	12	23.6	32 39.0	115 54.4	B	2.4	8.0		COYOTE WELLS	
22	17	1	18.3	34 16.3	116 36.2	B	3.2	4.6		OLD WOMAN SPRINGS	
22	17	5	17.9	34 16.3	116 36.7	B	2.4	8.0		OLD WOMAN SPRINGS	
23	16	12	59.6	34 15.6	116 37.1	A	3.1	3.5		OLD WOMAN SPRINGS	
23	16	30	48.1	33 38.1	116 37.3	B	2.3	8.0		IDYLLWILD	
24	3	37	10.5	32 52.1	115 43.8	B	2.2	3.7		BRAWLEY	
24	22	30	1.3	33 56.2	115 50.0	B	2.5	7.3		HEXIE MTNS	
25	10	24	23.6	33 53.9	116 2.3	B	2.3	8.0		LOST HORSE MTN	
27	0	58	54.4	33 58.3	116 15.9	B	2.5	4.9		THOUSAND PALMS	
27	8	10	42.3	33 16.1	116 51.8	B	2.5	8.0		PALOMAR MTN	
27	8	56	48.0	33 58.7	116 40.5	A	2.1	13.5		PALM SPRINGS	
28	0	3	40.2	32 57.0	115 50.1	B	2.6	8.0		PLASTER CITY	
28	21	54	43.5	35 3.3	118 19.1	B	2.3	7.1		TEHACHAPI	
29	10	33	30.6	34 55.0	117 24.1	B	2.5	4.4		HAWES	
30	7	16	57.6	34 5.2	117 17.4	B	2.5	10.2		SAN BERNARDINO	
30	8	44	58.1	32 25.5	115 16.2	C	2.6	31.0		SIERRA CUCAPA	M
30	9	21	1.3	33 49.0	117 40.5	A	2.5	0.3		CORONA	
30	11	7	38.7	32 27.3	115 13.8	B	3.6	29.7		SIERRA CUCAPA	M
30	11	12	28.9	32 26.5	115 13.9	B	2.4	25.4		SIERRA CUCAPA	M
30	12	23	38.3	32 27.1	115 14.0	B	2.3	22.6		SIERRA CUCAPA	M
30	14	41	29.8	32 25.1	115 16.2	B	3.2	8.0		SIERRA CUCAPA	M
30	16	11	33.0	32 27.6	115 14.4	B	2.2	31.0		SIERRA CUCAPA	M
30	16	17	48.9	32 28.7	115 13.2	B	2.5	26.8		SIERRA CUCAPA	M
30	18	54	28.7	32 22.9	115 14.9	C	2.5	8.0		SIERRA CUCAPA	M

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3	0	56	56.1	37 24.5	118 32.3	C	3.0	3.7		MT TOM	
4	6	21	45.1	31 59.8	116 11.4	B	2.9	13.3		SANTO TOMAS	*
4	7	54	23.2	34 24.2	118 21.9	A	2.1	8.5		SAN FERNANDO	
7	13	10	32.9	35 54.1	117 2.4	B	2.3	1.3		MANLY PEAK	
9	21	17	38.5	33 15.8	116 49.9	B	2.3	12.5		PALOMAR MTN	
9	7	22	48.9	35 46.5	117 46.4	B	3.6	6.6		KINGSCREST	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
7	7	44	13.2	35 46.8	117 42.0	B	2.3	8.0		MOUNTAIN SPRINGS CANYON	
7	14	32	42.9	33 36.5	116 47.1	B	2.1	8.0		HEMET	
7	13	40	30.8	33 15.7	116 51.3	B	2.2	13.0		PALOMAR MTN	
8	0	52	8.4	35 1.3	117 41.8	C	1.7	7.0		BORON	
8	1	9	11.1	35 40.5	118 15.9	B	1.7	6.2		ISABELLA	
8	8	1	20.8	34 5.9	117 56.3	B	1.7	9.9		FONTANA	
8	13	20	18.3	35 20.4	118 31.5	C	2.0	5.1		BRECKENRIDGE MTN	
8	16	55	56.4	33 7.2	116 33.5	B	2.5	8.0		SANTA YSABEL	
8	17	26	45.7	35 45.6	117 42.4	B	2.9	3.2		MOUNTAIN SPRINGS CANYON	
9	0	58	49.0	34 9.7	119 42.9	C	2.3	8.0		SANTA CRUZ I NE	
9	15	16	3.1	35 6.0	119 3.2	B	2.5	1.9		CONNER	
10	7	46	28.0	34 8.5	116 42.3	A	3.3	13.9		MORONGO VALLEY	
	FELT SAN BERNARDINO AREA										
11	0	31	5.4	33 7.2	116 28.2	B	2.4	8.0		BORREGO	
12	0	57	46.7	33 57.7	116 28.1	A	2.5	8.0		THOUSAND PALMS	
12	1	8	9.3	34 37.2	116 20.6	A	2.8	8.0		LAVIC	
12	6	27	44.2	33 58.4	118 48.2	B	2.4	13.9		OFF POINT DUME	
15	4	37	17.8	34 35.4	116 21.6	B	2.8	6.6		LAVIC	
15	6	6	18.8	35 57.4	117 58.9	B	2.7	4.3		LITTLE LAKE	
18	18	2	6.3	33 26.4	116 52.6	B	2.9	9.1		PALOMAR MTN	
21	17	39	54.3	34 38.6	116 21.3	A	3.9	12.3		LAVIC	
21	17	40	57.0	34 38.8	116 25.1	C	3.3	8.0		LAVIC	
21	18	19	37.3	34 37.6	116 21.2	B	2.8	10.8		LAVIC	
21	22	37	43.8	34 38.1	116 21.4	B	3.0	8.0		LAVIC	
22	23	51	55.8	35 46.1	117 39.9	B	3.0	5.2		MOUNTAIN SPRINGS CANYON	
23	0	2	12.4	35 49.2	117 34.2	C	2.7	11.1		MOUNTAIN SPRINGS CANYON	
24	20	9	7.5	33 51.5	117 40.6	B	2.3	3.1		CORONA	
25	0	7	17.4	34 1.0	117 32.3	B	2.2	8.3		ONTARIO	
25	20	39	55.4	34 25.1	118 24.9	B	2.6	1.0		SAN FERNANDO	
26	14	0	36.6	33 10.1	117 58.3	C	2.5	11.2		GULF OF SANTA CATALINA	
28	5	53	45.9	32 41.8	115 24.9	A	2.9	13.9		CALEXICO	
28	7	43	37.9	34 39.8	116 21.3	C	2.3	8.0		LAVIC	
29	5	9	34.5	32 27.6	115 22.2	C	2.9	15.9		SIERRA CUCAPA	M
30	7	39	7.1	34 37.6	116 20.8	B	4.4	8.0		LAVIC	
30	7	46	35.4	34 37.9	116 20.6	B	3.3	5.1		LAVIC	
30	7	50	10.8	34 38.2	116 20.6	B	3.3	8.0		LAVIC	
30	7	51	59.8	34 37.5	116 20.2	A	3.4	5.4		LAVIC	
30	8	13	12.8	34 38.2	116 19.2	B	3.2	3.1		LAVIC	
30	8	13	23.0	34 38.0	116 19.0	D	3.0	8.0		LAVIC	
30	8	36	53.6	34 38.0	116 20.5	A	4.3	12.7		LAVIC	
30	8	52	54.6	34 37.0	116 20.1	A	3.2	0.9		LAVIC	
31	9	7	5.5	34 38.0	116 20.0	A	2.8	2.4		LAVIC	
31	10	22	20.7	34 38.8	116 20.9	B	3.0	12.0		LAVIC	
31	10	48	49.3	34 38.1	116 19.1	A	2.7	0.5		LAVIC	
31	12	23	6.5	34 37.9	116 23.2	A	3.2	8.0		LAVIC	
31	14	29	8.7	34 39.2	116 21.1	B	2.9	8.0		LAVIC	
31	1	19	5.1	34 37.0	116 21.0	A	2.9	5.5		LAVIC	
31	7	31	26.6	35 43.4	117 40.5	B	3.3	0.2		RIDGECREST	
31	8	7	19.2	34 37.8	116 20.6	A	3.2	8.0		LAVIC	
31	10	47	53.4	34 38.0	116 20.6	A	2.6	4.3		LAVIC	
31	11	28	15.9	34 37.9	116 20.7	A	3.0	8.0		LAVIC	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, JUL, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
31	21	52	9.3	34 37.0	116 20.7	A	3.1	6.6		LAVIC
31	21	56	3.5	34 37.7	116 19.4	A	2.7	8.0		LAVIC
					AUG, 1974					
1	0	27	58.9	34 37.8	116 20.2	A	2.7	5.5		LAVIC
1	5	47	57.8	34 36.7	116 20.1	A	3.3	8.0		LAVIC
1	7	21	9.0	32 36.7	115 19.8	B	3.3	16.3		CALEXICO
1	9	4	6.2	34 37.9	116 20.4	A	3.2	8.0		LAVIC
1	16	56	57.4	34 37.0	116 19.0	A	2.9	8.0		LAVIC
1	20	43	17.1	34 56.3	118 49.5	B	2.8	14.2		TEJON PASS
1	23	9	7.0	34 36.5	116 21.7	C	2.6	8.0		LAVIC
2	5	42	46.0	32 50.4	115 30.0	B	3.3	8.0		BRAWLEY
2	6	52	34.0	34 36.2	116 21.6	C	2.8	8.0		LAVIC
2	8	32	56.2	32 51.8	115 29.0	B	2.7	12.9		HOLTVILLE
2	10	16	13.3	32 51.8	115 28.9	B	2.4	12.6		HOLTVILLE
2	11	20	34.8	32 50.7	115 28.6	B	2.5	14.0		HOLTVILLE
2	12	37	40.6	34 37.7	116 25.0	B	2.8	6.8		LAVIC
2	13	28	2.6	32 51.8	115 28.2	B	2.3	12.3		HOLTVILLE
2	13	28	34.2	32 48.6	115 28.6	B	2.3	8.0		HOLTVILLE
2	13	29	9.5	32 47.9	115 27.7	B	2.3	10.6		HOLTVILLE
2	13	34	56.5	32 51.8	115 28.8	B	2.5	14.7		HOLTVILLE
2	13	35	37.2	32 50.0	115 27.8	B	2.6	11.7		HOLTVILLE
2	19	11	10.2	32 51.8	115 28.8	B	2.4	10.4		HOLTVILLE
2	19	24	47.7	32 49.9	115 28.4	B	2.5	11.8		HOLTVILLE
2	19	29	34.8	32 51.0	115 28.8	B	2.3	12.9		HOLTVILLE
2	19	37	20.8	32 50.6	115 28.5	B	2.5	14.6		HOLTVILLE
2	19	38	56.9	32 48.9	115 28.4	B	3.1	15.0		HOLTVILLE
2	21	7	54.4	34 9.7	117 22.6	D	0.0	8.0		SAN BERNARDINO
2	23	10	46.3	34 28.7	116 35.1	C	2.7	5.1		OLD WOMAN SPRINGS
3	1	51	26.2	35 44.4	117 42.1	B	2.8	0.6		RIDGECREST
3	3	7	14.2	34 37.8	116 20.7	B	2.7	8.0		LAVIC
3	20	25	54.9	34 36.7	116 20.9	A	2.7	8.0		LAVIC
4	8	30	31.8	34 37.7	116 21.3	A	3.0	3.9		LAVIC
4	8	31	56.0	34 37.7	116 21.2	A	2.6	8.0		LAVIC
4	9	2	2.7	34 14.6	117 10.7	A	2.9	8.0		REDLANDS
4	9	8	6.5	34 14.2	117 9.7	A	3.4	8.0		REDLANDS
	FELT		SAN BERNARDINO		ARROWHEAD					
5	1	24	47.9	34 26.9	116 34.9	B	2.6	8.0		OLD WOMAN SPRINGS
5	11	17	31.0	33 54.9	118 1.1	D	1.7	8.0		DOWNEY
	FELT		LAKEWOOD							
5	17	38	26.6	33 52.6	116 48.7	B	2.7	14.3		BANNING
5	19	32	3.5	33 51.7	116 11.1	B	2.7	8.0		LOST HORSE MTN
5	20	4	53.8	34 20.2	115 51.7		2.4	0.1		LUCERNE VALLEY
6	1	26	25.5	35 17.8	118 31.3	C	2.3	5.2		BRECKENRIDGE MTN
6	3	56	10.1	34 35.5	116 23.6	B	2.6	2.3		LAVIC
6	8	12	1.6	32 0.9	114 56.5	C	2.5	9.3		GRAN DESIERTO
6	13	50	29.2	32 57.5	115 32.7	B	2.9	8.0		BRAWLEY
7	5	51	4.1	32 3.3	115 48.5	C	3.1	14.6		LAGUNA SALADA
7	7	17	1.8	34 38.4	118 20.0	B	3.1	10.3		LAVIC
7	10	32	52.9	32 58.7	115 29.4	B	2.8	12.2		HOLTVILLE

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
8	10	53	31.7	32 4.9	116 22.1	C	2.5	5.1		SIERRA JUAREZ NW	M
8	13	31	56.3	32 6.6	115 55.6	C	2.8	5.0		LAGUNA SALADA	M
8	22	2	3.5	34 38.5	116 21.0	A	3.2	3.6		LAVIC	
9	2	28	5.4	34 37.7	116 21.4	A	2.7	6.1		LAVIC	
10	5	16	51.3	37 21.5	118 24.2	B	2.7	0.6		BISHOP	
12	1	43	27.7	34 18.6	119 37.5	C	2.2	8.0		SANTA BARBARA	
12	2	13	49.0	32 47.9	115 28.6	B	2.3	8.0		HULTVILLE	
12	2	30	16.2	32 47.1	115 28.7	B	2.5	15.3		HULTVILLE	
12	5	39	14.5	33 8.8	116 7.8	B	2.3	8.0		BORREGO MTN	
12	11	6	25.0	34 14.1	119 42.5	C	2.0	10.6		SANTA CRUZ I NE	
12	11	34	0.8	34 37.0	116 20.3	A	3.0	7.5		LAVIC	
12	12	45	51.0	32 46.8	115 27.7	B	2.7	15.7		HULTVILLE	
12	17	32	1.1	32 48.1	115 26.3	B	2.8	18.5		HULTVILLE	
12	19	28	10.2	34 15.3	119 40.9	B	2.8	12.6		SANTA BARBARA	
13	10	22	14.2	32 12.1	115 7.1	C	2.9	15.9		SIERRA CUCAPA	M
13	15	19	8.5	32 53.3	115 30.9	B	3.3	15.8		BRAWLEY	
13	15	46	28.4	33 1.8	115 52.1	C	2.7	8.0		KANE SPRING	
13	16	33	41.2	32 52.9	115 31.4	B	2.7	13.4		BRAWLEY	
13	17	7	22.0	32 54.0	115 31.1	A	2.3	4.3		BRAWLEY	
13	17	46	57.0	32 53.1	115 31.8	B	3.1	16.0		BRAWLEY	
13	17	54	46.0	32 52.9	115 30.9	B	3.2	12.2		BRAWLEY	
13	19	6	38.2	32 54.8	115 41.1	B	2.4	5.2		BRAWLEY	
13	20	36	21.7	34 37.4	116 20.3	A	3.3	8.0		LAVIC	
14	2	37	30.0	32 53.5	115 31.2	B	3.4	14.9		BRAWLEY	
14	2	42	47.8	32 52.8	115 30.3	B	2.7	12.7		BRAWLEY	
14	4	50	18.3	32 52.9	115 30.4	B	2.5	12.4		BRAWLEY	
14	13	43	46.7	32 51.8	115 30.9	B	2.7	15.1		BRAWLEY	
14	14	36	55.3	34 35.5	116 24.6	B	2.4	12.9		LAVIC	
14	14	45	55.2	34 25.9	118 22.1	A	4.2	8.2		SAN FERNANDO	
	FELT		SAN FERNANDO								
14	14	48	6.5	34 26.2	118 22.7	B	2.8	9.2		SAN FERNANDO	
14	15	21	25.4	34 23.7	118 22.2	B	1.8	13.6		SAN FERNANDO	
15	11	55	8.7	34 24.0	118 21.8	B	1.9	5.2		SAN FERNANDO	
15	13	46	48.5	34 24.3	118 22.1	A	3.2	8.8		SAN FERNANDO	
15	13	52	50.2	34 24.6	118 21.4	A	2.5	11.2		SAN FERNANDO	
15	14	2	8.4	34 23.5	118 21.1	B	1.7	8.0		SAN FERNANDO	
15	20	8	18.4	33 47.7	116 6.6	B	2.5	4.2		LOST HORSE MTN	
15	22	41	22.8	33 47.2	116 5.5	B	2.5	5.5		LOST HORSE MTN	
16	3	33	43.9	33 46.1	116 5.2	A	2.5	3.3		LOST HORSE MTN	
16	5	34	23.9	33 47.3	116 5.4	B	2.1	3.0		LOST HORSE MTN	
16	5	36	18.4	34 25.0	118 21.9	B	2.5	8.4		SAN FERNANDO	
17	6	56	45.9	34 36.0	116 21.4	A	2.7	8.0		LAVIC	
17	12	44	47.2	33 48.5	116 5.7	B	3.4	9.7		LOST HORSE MTN	
17	20	19	35.2	34 38.1	116 22.0	B	3.1	7.3		LAVIC	
18	12	24	7.3	32 19.4	115 6.8	B	2.5	12.5		SIERRA CUCAPA	M
19	12	25	2.5	32 18.5	115 7.3	C	2.6	12.5		SIERRA CUCAPA	M
19	23	16	23.5	32 30.0	115 14.7	C	2.4	24.3		MIDWAY WELL	M
19	23	19	58.8	32 18.0	115 9.3	C	2.7	12.4		SIERRA CUCAPA	M
19	23	27	25.7	32 20.0	115 9.7	C	2.6	11.8		SIERRA CUCAPA	M
20	1	1	43.8	34 18.4	118 17.4	B	3.0	4.4		SUN VALLEY	
20	6	51	51.4	33 57.7	116 21.8	B	2.4	8.0		THOUSAND PALMS	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, AUG, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
20	21	8	29.0	34 33.7	116 45.7	D	2.0	7.0		ORD MTS	
20	23	43	28.0	33 52.5	117 40.3	A	2.8	13.5		CORONA	
21	1	0	53.9	33 21.7	116 16.0	B	2.9	16.4		CLARK LAKE	
21	2	41	8.2	32 58.7	115 42.1	D	2.2	8.0		BRAWLEY	
22	19	4	36.5	32 43.1	116 30.1	B	2.4	4.6		POTRERO	
22	21	7	54.4	34 9.7	117 22.6	D	0.0	8.0		SAN BERNARDINO	
23	3	39	27.4	35 28.9	118 29.8	B	2.1	3.4		EMERALD MTN	
23	21	51	31.0	33 16.2	115 42.7	B	2.2	8.0		FRINK	
25	10	11	0.5	35 53.9	117 39.4	B	3.8	14.2		MOUNTAIN SPRINGS CANYON	
25	12	21	58.6	35 52.8	117 42.4	B	3.6	8.0		MOUNTAIN SPRINGS CANYON	
26	9	20	46.2	32 45.3	115 26.2	B	2.3	17.1		HOLTVILLE	
26	9	21	29.6	32 45.1	115 25.7	B	2.3	16.7		HOLTVILLE	
26	9	21	50.2	32 51.0	115 29.7	D	2.4	8.0		HOLTVILLE	
27	4	49	9.2	31 58.0	116 6.4	D	2.9	16.6		SANTO TOMAS	M
28	1	41	3.1	36 15.8	120 15.7	D	2.9	2.8		JOAQUIN ROCKS	*
28	17	2	44.0	35 36.1	118 15.5	D	1.7	11.4		ISABELLA	
28	19	27	44.7	31 44.8	116 15.5	D	2.9	4.1		SANTO TOMAS	M
29	17	15	59.5	35 46.5	117 43.6	B	2.8	4.0		MOUNTAIN SPRINGS CANYON	
29	20	22	6.8	33 59.7	116 40.9	A	2.3	12.0		PALM SPRINGS	
30	3	13	38.3	35 13.8	118 51.0	B	2.5	4.5		COMANCHE POINT	
30	8	53	20.5	31 39.4	115 51.1	C	2.9	8.0		SIERRA JUAREZ SE	M
30	18	9	4.1	33 56.4	117 5.1	A	2.9	15.9		PERRIS	
31	13	17	44.6	33 55.6	116 49.9	A	2.2	9.2		BANNING	
31	15	0	53.2	33 20.0	115 35.1	C	2.4	4.2		FRINK	

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1	17	17	54.7	32 38.4	115 50.2	C	2.3	4.8		COYOTE WELLS	
2	2	8	32.8	32 23.0	115 0.3	D	2.8	3.5		SIERRA CUCAPA	M
2	9	2	17.2	34 22.0	116 59.9	B	2.3	4.8		LUCERNE VALLEY	
3	7	22	52.0	35 47.3	118 2.2	B	2.6	5.6		LAMONT PEAK	
5	9	27	32.9	34 36.8	116 21.5	A	2.3	5.1		LAVIC	
5	21	41	8.4	31 48.2	114 19.5	D	3.4	7.2		EL GOLFO	M
5	22	3	22.5	31 39.2	114 37.7	D	3.3	1.5		ISLA MONTAGUE	M
5	22	19	38.6	34 37.1	116 21.1	A	2.6	8.0		LAVIC	
6	3	24	40.7	31 56.6	114 55.0	D	2.9	8.0		ISLA MONTAGUE	M
6	4	8	18.5	31 31.1	114 25.4	D	3.3	1.6		EL GOLFO	M
6	13	23	31.3	34 16.8	118 29.9	B	2.7	6.0		SAN FERNANDO	
	FELT SAN FERNANDO AREA										
6	14	40	43.9	34 18.5	118 30.3	B	3.0	8.0		SANTA SUSANA	
	FELT SAUGUS										
7	23	40	35.4	34 17.4	118 30.3	B	2.7	3.8		SANTA SUSANA	
8	12	20	48.1	33 13.2	116 8.9	A	3.5	8.8		BORREGO MTN	
8	12	57	43.0	33 12.8	116 8.8	A	2.8	8.0		BORREGO MTN	
10	1	42	33.1	34 20.4	119 20.6	B	2.3	27.3		VENTURA	
10	5	49	21.4	34 3.3	116 17.6	A	2.7	4.9		JOSHUA TREE	
10	7	57	45.8	34 2.8	116 19.8	B	2.6	4.2		JOSHUA TREE	
10	9	17	35.0	35 34.2	118 28.5	C	2.2	22.0		ISABELLA	
10	11	36	50.2	31 11.9	115 38.6	D	3.0	19.7		VALLE TRINIDAD	M
10	17	21	27.3	33 55.6	116 18.5	B	2.7	2.7		THOUSAND PALMS	
11	13	31	32.3	34 14.9	117 12.4	B	2.0	3.4		REDLANDS	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, SEP, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE
11	11	0	18.5	34 52.7	117 36.1	B	2.4	2.0		KRAMER
11	12	16	37.9	32 40.5	117 54.8	C	3.2	8.0		FORTYMILE BANK
12	12	57	43.3	33 34.7	115 55.1	C	2.6	3.5		COTTONWOOD SPRING
12	21	30	59.8	34 10.9	117 36.5	B	2.7	7.2		ONTARIO
13	12	5	53.9	35 41.9	118 15.0	C	2.5	0.4		ISABELLA
13	13	33	41.9	32 54.6	116 23.7	C	2.4	8.0		MT LAGUNA
13	16	29	28.7	35 54.1	117 14.9	C	3.2	9.4		MANLY PEAK
14	11	56	28.3	33 28.2	116 28.8	B	2.5	16.6		CLARK LAKE
15	10	31	6.5	33 36.2	118 14.3	B	2.4	8.0		LAS BOLSAS
16	23	54	46.7	34 18.3	116 55.4	A	2.7	8.0		LUCERNE VALLEY
17	0	48	6.4	34 45.6	116 27.0	C	2.1	8.0		CADY MTS
17	1	28	37.3	36 7.2	117 43.9	C	2.7	1.7		CUSO PEAK
17	2	44	40.2	34 50.8	119 0.7	B	3.1	11.8		SAN EMIGDIO
17	10	22	17.7	34 37.6	116 20.4	A	2.6	4.4		LAVIC
17	19	4	43.4	32 47.1	116 28.8	C	2.2	0.8		MT LAGUNA
17	21	27	50.0	34 19.9	116 51.8	A	2.5	8.2		LUCERNE VALLEY
17	22	0	35.0	33 28.5	116 45.0	B	2.0	18.7		WARNER SPRINGS
18	4	50	47.1	34 20.3	118 16.6	B	1.8	3.2		SAN FERNANDO
19	0	46	37.0	35 2.0	117 41.0	C	2.1	5.0		BORON
20	10	15	57.3	34 4.0	119 51.6	D	2.0	8.0		SANTA CRUZ I NW
21	10	37	41.8	33 51.2	117 6.6	A	3.9	13.4		PERRIS
	FELT SAN BERNARDINO AREA									
21	13	34	39.5	35 28.2	118 43.9	C	2.6	3.9		BRECKENRIDGE MTN
21	17	2	39.4	34 29.6	116 21.0	B	2.5	3.5		EMERSON LAKE
21	18	33	1.7	34 56.2	119 0.6	B	3.2	10.8		SAN EMIGDIO
21	20	16	17.8	35 49.1	117 42.7	C	2.2	16.1		MOUNTAIN SPRINGS CANYON
22	0	48	49.8	35 0.9	117 41.8	B	2.2	2.1		BORON
22	3	12	1.9	33 6.8	117 52.0	B	2.4	16.2		GULF OF SANTA CATALINA
22	22	48	17.4	34 24.2	118 24.7	A	2.2	9.6		SAN FERNANDO
22	23	52	1.1	34 24.3	118 24.1	B	2.1	10.3		SAN FERNANDO
23	2	23	0.0	34 22.4	119 19.3	B	2.4	16.6		VENTURA
23	17	3	3.6	34 9.1	117 43.2	B	2.0	5.3		ONTARIO
24	2	21	49.3	34 30.6	119 1.7	B	2.9	24.4		HINES PEAK
25	10	11	56.2	33 33.7	115 56.3	A	2.9	8.4		COTTONWOOD SPRING
25	10	20	6.3	33 46.2	116 11.8	B	2.6	6.6		LOST HORSE MTN
25	10	33	24.2	33 46.8	116 12.5	A	2.4	2.0		LOST HORSE MTN
25	10	37	30.4	33 33.6	115 59.1	B	2.5	12.5		COTTONWOOD SPRING
25	10	46	46.0	33 35.6	115 57.9	B	2.5	3.5		COTTONWOOD SPRING
25	15	25	14.8	33 46.5	116 12.1	A	3.1	1.6		LOST HORSE MTN
26	6	37	28.4	33 59.4	116 57.8	A	2.5	10.6		BANNING
27	3	10	35.7	35 53.1	117 41.0	B	2.6	8.0		MOUNTAIN SPRINGS CANYON
27	9	42	1.6	33 4.1	115 43.4	B	2.4	8.0		CALIPATRIA
27	21	21	9.0	35 10.1	118 28.5	D	1.9	6.0		TEHACHAPI
27	22	29	54.7	35 38.9	118 19.6	C	1.9	8.0		ISABELLA
29	4	53	9.7	33 47.3	116 56.0	B	2.7	12.6		BANNING
29	15	35	35.4	31 37.5	115 45.2	D	3.2	8.0		SIERRA JUAREZ SE M
29	16	15	8.7	33 39.1	116 51.8	B	2.2	16.6		HEMET
29	18	35	53.7	34 49.3	116 44.0	D	1.8	8.0		NEWBERRY
29	18	44	34.8	34 50.6	116 41.5	B	2.1	9.4		NEWBERRY
29	23	47	13.0	33 28.3	116 27.3	B	2.3	15.1		CLARK LAKE

EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH S	QUADRANGLE	
1	1	7	17.7	35 1.1	117 39.7	B	2.1	3.5	BORON	
1	1	8	12.9	35 0.7	117 39.9	B	1.9	3.0	BORON	
1	6	46	18.8	33 12.7	116 14.0	A	3.2	8.4	BORREGO MTN	
1	16	40	2.8	33 14.5	116 15.1	B	2.4	4.3	BORREGO	
2	21	53	45.1	31 39.9	115 56.7	D	3.1	8.0	SIERRA JUAREZ SE	M
3	7	1	3.4	35 34.3	118 20.3	C	1.8	8.0	ISABELLA	
4	0	34	5.6	36 19.8	120 5.4	D	3.4	8.0	DELTA FARMS	*
4	0	38	16.3	34 44.9	116 24.3	B	2.5	2.0	LAVIC	
4	0	58	52.3	33 47.4	116 5.3	B	2.7	4.4	LOST HORSE MTN	
4	9	40	6.1	31 57.3	115 46.3	D	2.8	12.1	SIERRA JUAREZ SE	M
4	17	43	10.3	35 54.4	117 14.6	B	3.0	1.6	MANLY PEAK	
5	4	58	36.6	33 25.8	116 31.6	B	2.1	10.7	WARNER SPRINGS	
5	12	15	54.6	35 57.1	117 47.4	B	2.3	8.0	LITTLE LAKE	
5	12	31	25.5	34 24.7	116 51.5	A	2.0	4.7	LUCERNE VALLEY	
8	0	56	6.4	34 4.6	118 51.8	B	3.8	10.7	TRIUNFO PASS	
	FELT VENTURA MALIBU CAMARILLO									
8	13	23	52.0	34 21.6	118 24.3	B	2.7	13.0	SAN FERNANDO	
9	16	9	5.5	33 5.3	115 34.2	B	2.7	11.9	CALIPATRIA	
10	3	34	44.5	34 32.4	118 8.9	B	2.2	5.7	LANCASTER	
11	12	4	46.2	35 20.3	118 38.3	B	2.4	1.7	BRECKENRIDGE MTN	
11	13	21	31.1	33 13.4	116 5.9	B	3.1	11.5	BORREGO MTN	
12	6	42	35.0	34 12.3	116 34.7	B	2.4	5.1	MORONGO VALLEY	
12	9	54	58.1	34 3.0	118 57.6	B	3.3	11.8	TRIUNFO PASS	
	FELT SOLROMAR									
12	12	21	26.1	33 42.4	116 52.1	B	2.9	16.9	HEMET	
	FELT HEMET									
12	20	20	44.3	34 12.4	116 34.5	A	2.9	5.1	MORONGO VALLEY	
14	17	33	0.1	34 14.8	117 9.4	A	3.2	3.4	REDLANDS	
	FELT ARROWHEAD									
14	18	11	13.2	34 14.8	117 10.0	A	2.7	2.4	REDLANDS	
16	3	16	50.6	34 27.3	118 23.6	A	2.7	11.2	SAN FERNANDO	
16	9	51	25.1	32 49.8	117 39.4	B	2.9	21.3	SAN DIEGO TROUGH	
16	10	21	15.0	33 41.4	116 43.6	B	2.0	8.0	IDYLLWILD	
16	21	58	49.7	35 38.5	118 19.4	B	2.9	8.0	ISABELLA	
16	23	42	5.3	34 44.9	116 25.8	B	2.7	2.9	LAVIC	
16	23	49	39.3	31 29.9	114 28.1	D	2.9	8.0	GOLFO DE CALIFORNIA	M
17	11	4	7.9	35 33.1	118 17.0	B	1.8	8.0	ISABELLA	
17	22	57	2.0	32 21.9	115 8.9	D	2.7	16.3	SIERRA CUCAPA	M
18	3	30	29.1	31 40.4	115 32.1	D	4.3	11.9	SIERRA JUAREZ SE	M
18	15	13	45.1	33 19.0	116 22.2	A	2.5	3.3	CLARK LAKE	
18	18	39	30.7	31 30.9	115 36.5	D	3.5	8.0	SIERRA JUAREZ SE	M
20	3	44	14.2	33 1.6	115 37.5	B	2.7	3.7	CALIPATRIA	
20	18	26	5.6	32 50.8	115 24.8	C	2.7	8.0	HOLTVILLE	
22	5	15	37.7	36 23.4	118 6.6	C	2.9	1.8	OLANCHA	
22	12	13	39.1	33 59.1	118 21.9	B	3.1	10.1	REDONDO	
	FELT WEST LOS ANGELES									
22	12	33	35.5	33 58.7	118 22.3	B	1.9	8.0	REDONDO	
23	13	3	57.5	33 28.9	116 51.8	C	1.8	11.4	PALOMAR MTN	
24	3	54	53.2	35 55.2	117 14.3	B	2.8	4.6	MANLY PEAK	
25	0	38	50.2	35 2.2	117 44.1	C	2.1	3.1	BORON	
25	13	29	52.7	33 1.0	115 36.6	B	3.4	15.6	CALIPATRIA	
	FELT IMPERIAL VALLEY									

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, OCT, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
25	18	5	54.1	34 59.9	118 52.5	B	3.0	15.9		TEJON PASS	
26	0	4	44.4	35 21.2	118 31.4	B	2.9	7.4		BRECKENRIDGE MTN	
26	3	33	18.4	31 7.0	115 46.9	D	3.2	4.2		VALLE TRINIDAD	M
28	9	12	6.9	35 47.1	118 22.7	B	3.5	8.0		KERNVILLE	
	FELT KERNVILLE										
28	9	33	34.3	35 42.8	118 24.9	B	2.5	4.3		ISABELLA	
29	10	53	51.7	34 1.2	116 47.4	A	3.0	20.1		SAN GORGONIO MTN	
30	13	19	21.5	34 22.9	118 25.7	B	2.2	13.2		SAN FERNANDO	
31	15	46	23.3	33 7.2	118 34.3	B	3.0	24.0		SAN CLEMENTE I NW	
31	23	45	8.8	34 4.6	117 49.0	B	2.0	15.5		FONTANA	

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1	3	31	49.2	34 26.4	118 25.0	B	2.0	10.5		SAN FERNANDO	
1	6	14	46.4	34 10.9	117 25.8	B	2.0	8.0		SAN BERNARDINO	
1	11	23	5.6	32 47.4	115 27.8	B	2.5	8.9		HOLTVILLE	
1	14	24	33.5	33 39.9	116 46.6	B	1.6	3.8		HEMET	
2	17	2	8.1	34 25.6	116 46.0	B	2.9	1.9		LUCERNE VALLEY	
6	0	38	27.7	34 11.7	118 10.0	B	3.0	1.0		PASADENA	
	FELT PASADENA										
6	9	26	20.6	32 59.5	116 17.0	B	2.5	9.8		MT LAGUNA	
7	10	52	54.1	31 50.4	116 7.7	D	2.5	4.1		SANTO TOMAS	M
9	10	10	35.8	33 34.9	116 39.0	A	3.2	14.3		IDYLLWILD	
	FELT PALM SPRINGS										
9	10	12	57.9	33 34.5	116 39.3	A	3.3	19.1		IDYLLWILD	
	FELT PALM SPRINGS										
11	14	16	51.5	33 16.2	116 0.3	A	2.5	8.0		RABBIT PEAK	
11	23	12	19.7	36 20.2	120 29.4	D	3.3	8.0		JOAQUIN ROCKS	*
12	6	57	49.8	34 1.0	117 37.7	A	2.5	3.0		ONTARIO	
12	9	14	52.6	34 24.4	118 25.0	B	2.3	7.9		SAN FERNANDO	
	FELT SAN FERNANDO										
12	20	53	31.9	34 14.4	117 59.7	C	1.8	11.1		FONTANA	
12	22	49	5.1	36 22.8	120 5.5	C	3.1	3.5		DELTA FARMS	*
13	11	24	31.6	34 18.5	118 28.6	B	2.0	0.8		SAN FERNANDO	
14	16	20	41.1	37 44.1	117 59.6	D	4.0	8.0		PIPER PEAK	N
16	6	41	5.3	34 9.7	117 20.2	B	2.4	6.6		SAN BERNARDINO	
16	7	39	9.3	31 9.8	114 21.8	D	4.1	8.0		GOLFO DE CALIFORNIA	M
17	3	47	21.5	34 23.3	119 46.4	C	2.1	29.4		GOLETA	
17	5	10	42.2	32 10.3	115 2.7	D	3.0	8.0		SIERRA CUCAPA	M
17	12	6	59.3	33 14.3	116 17.4	B	3.0	12.7		BORREGO	
18	2	4	53.5	37 30.3	118 44.7	D	3.8	1.7		CASA DIABLO MTN	
18	6	43	52.0	35 41.0	117 34.5	B	3.2	7.1		RIDGECREST	
	FELT RIDGECREST										
18	9	59	29.7	34 53.5	118 25.7	B	3.5	6.1		WILLOW SPRINGS	
18	14	27	54.2	37 40.3	117 48.0	D	3.2	8.0		PIPER PEAK	N
18	14	46	37.0	33 37.9	116 43.3	B	2.0	4.5		IDYLLWILD	
20	23	49	38.3	35 45.5	118 1.2	B	3.3	3.8		LAMONT PEAK	
21	2	7	40.5	35 46.9	118 2.1	B	2.4	7.0		LAMONT PEAK	
21	11	1	39.8	37 13.7	118 11.9	D	2.7	8.0		WAUCOBA MTN	
21	12	36	14.5	37 21.9	118 29.8	D	2.6	3.4		BISHOP	
21	12	55	16.3	37 29.0	118 22.7	B	2.6	11.2		BISHOP	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, NOV, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
21	16	26	24.9	37 29.3	118 9.0	D	2.6	8.0		BLANCO MTN	
21	19	2	34.4	34 10.7	116 36.8	A	3.3	6.3		MORONGO VALLEY	
22	13	58	33.7	34 9.7	117 20.5	A	2.3	8.0		SAN BERNARDINO	
23	0	57	28.1	32 8.7	115 47.8	C	3.1	19.6		LAGUNA SALADA	M
25	3	50	41.3	33 30.6	116 33.3	B	3.4	8.0		IDYLLWILD	
	FELT BANNING HEMET										
26	1	26	38.9	31 6.0	115 18.8	D	3.6	8.0		VALLE SAN FELIPE	M
26	1	29	10.7	32 9.3	115 32.9	C	3.1	17.6		LAGUNA SALADA	M
26	10	38	21.1	32 0.0	115 48.5	D	2.8	8.1		LAGUNA SALADA	M
27	4	11	5.4	35 46.1	118 3.0	B	2.9	8.0		LAMONT PEAK	
28	10	23	54.1	32 34.1	115 15.7	B	2.6	21.6		CALEXICO	
28	23	7	59.1	34 14.9	116 47.3	A	3.2	8.0		SAN GORGONIO MTN	
	FELT BIG BEAR										
29	18	22	13.0	31 20.5	115 41.2	D	3.4	8.0		VALLE TRINIDAD	M
30	16	18	41.4	34 4.6	117 30.8	A	2.5	8.0		ONTARIO	
30	20	10	20.2	33 21.3	116 43.7	B	2.9	18.0		WARNER SPRINGS	

DEC, 1974

1	10	1	1.8	33 24.6	116 27.0	B	2.1	8.0		CLARK LAKE	
1	11	28	38.5	34 25.1	118 34.9	B	2.8	0.8		SANTA SUSANA	
5	9	32	40.1	36 3.5	120 51.6	B	3.1	13.8		SAN ARDO	*
5	15	3	43.0	33 28.5	118 15.4	B	2.6	8.0		SANTA CATALINA EAST	
5	20	39	20.0	33 5.8	116 34.1	B	3.1	12.5		SANTA YSABEL	
6	12	13	8.3	32 42.5	115 23.5	B	4.5	24.3		CALEXICO	
	FELT CALEXICO										
6	12	19	3.4	32 42.4	115 23.0	B	2.4	18.2		CALEXICO	
6	12	20	37.1	32 42.8	115 23.3	B	2.4	16.2		CALEXICO	
6	12	39	1.0	32 47.9	115 26.3	C	2.2	20.1		HOLTVILLE	
6	13	45	13.3	34 6.0	118 15.0	B	3.5	11.3		PASADENA	
	FELT NORTHEAST LOS ANGELES COUNTY										
6	15	34	2.5	35 50.2	120 20.7	D	2.9	8.0		PARKFIELD	*
7	3	4	23.2	32 43.3	115 24.4	B	2.5	16.5		CALEXICO	
7	6	18	2.5	34 10.7	117 37.5	A	2.9	0.2		ONTARIO	
7	10	8	30.6	37 8.4	117 55.1	B	3.4	6.1		WAUCOBA SPRING	
7	21	54	13.2	34 18.0	117 7.7	A	2.8	8.0		LAKE ARROWHEAD	
8	15	21	30.3	32 53.1	115 35.0	B	2.5	12.6		BRAWLEY	
10	10	8	47.9	32 42.2	115 23.2	B	2.8	26.8		CALEXICO	
11	14	51	49.9	32 48.3	115 25.6	C	2.4	14.1		HOLTVILLE	
11	14	53	35.8	32 46.1	115 25.2	B	2.6	16.2		HOLTVILLE	
11	14	55	7.6	32 46.4	115 25.9	B	2.7	16.0		HOLTVILLE	
11	15	50	22.0	32 46.9	115 26.3	B	2.4	16.4		HOLTVILLE	
11	15	54	33.1	32 47.6	115 26.3	C	2.4	15.3		HOLTVILLE	
12	19	34	33.2	35 45.0	118 27.6	C	2.1	1.6		ISABELLA	
13	7	20	3.2	32 27.6	115 10.7	C	2.6	17.7		SIERRA CUCAPA	M
13	7	28	9.2	32 24.3	115 11.6	C	2.7	17.0		SIERRA CUCAPA	M
13	17	35	36.1	33 1.8	115 49.5	B	2.7	4.6		KANE SPRING	
13	22	48	27.4	35 3.6	118 19.4	B	2.5	0.8		TEHACHAPI	
14	4	1	22.4	32 44.1	117 24.4	B	3.1	8.0		SAN DIEGO OFFSHORE	
14	13	1	26.8	34 1.0	116 44.3	A	2.9	10.9		MORONGO VALLEY	
14	21	39	42.3	35 36.8	118 20.8	C	1.8	4.7		ISABELLA	

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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION, DEC, 1974

DA	H	M	S	LAT N	LONG W	Q	MAG	DEPTH	S	QUADRANGLE	
14	22	40	7.0	36 34.8	116 38.0	D	2.2	0.5		BIG DUNE	N
14	23	35	16.4	32 59.7	116 16.9	B	2.5	10.1		MT LAGUNA	
15	0	19	47.4	31 55.3	116 7.9	C	3.0	25.8		SANTO TOMAS	M
15	9	47	7.4	31 23.6	115 55.0	D	3.1	8.0		VALLE TRINIDAD	M
15	16	11	53.7	31 54.1	116 15.2	D	2.7	8.0		SANTO TOMAS	M
17	4	11	18.5	32 16.4	115 3.8	C	2.7	9.9		SIERRA CUCAPA	M
17	4	29	42.2	31 36.3	115 25.1	D	3.2	12.6		SIERRA TINAJA	M
17	15	48	46.4	31 2.0	115 11.4	D	3.1	8.0		VALLE SAN FELIPE	M
17	16	52	56.9	35 25.3	117 46.0	B	2.6	6.9		SALTDALE	
17	17	16	23.6	32 12.1	115 30.5	C	3.2	15.9		LAGUNA SALADA	M
19	12	36	16.9	34 4.4	118 4.8	A	3.5	9.3		PASADENA	
	FELT SAN GABRIEL VALLEY										
19	12	39	50.5	34 4.3	118 5.0	A	3.2	8.0		PASADENA	
	FELT SAN GABRIEL VALLEY										
19	15	15	19.8	34 4.5	118 5.7	A	1.6	5.0		PASADENA	
19	15	31	11.9	34 4.6	118 5.5	A	1.9	8.0		PASADENA	
20	14	23	20.0	34 6.8	118 48.3	B	2.4	15.6		TRIUNFO PASS	
22	15	16	31.3	32 44.1	117 6.9	B	2.3	12.8		SAN DIEGO	
23	20	51	41.0	33 59.0	116 22.3	A	3.1	8.0		THOUSAND PALMS	
24	2	54	43.4	32 43.3	115 27.5	C	2.4	13.0		CALEXICO	
25	8	31	27.5	32 24.9	115 12.5	C	2.8	8.0		SIERRA CUCAPA	M
25	15	55	52.3	33 41.1	116 42.5	B	2.7	14.5		IDYLLWILD	
25	17	14	9.5	32 24.0	115 12.7	D	2.5	8.0		SIERRA CUCAPA	M
26	1	38	56.3	35 24.0	118 36.6	B	2.8	3.5		BRECKENRIDGE MTN	
26	4	5	9.0	34 22.5	118 25.3	A	1.7	9.5		SAN FERNANDO	
27	1	13	42.3	32 27.9	115 13.4	C	2.6	8.0		SIERRA CUCAPA	M
27	3	43	19.9	32 6.4	116 20.6	C	2.5	8.0		SIERRA JUAREZ NW	M
27	4	49	45.9	36 58.3	116 9.3	D	3.4	8.0		CANE SPRING	* N
27	12	18	46.5	34 16.3	120 3.2	C	2.6	8.8		GAVIOTA	
29	12	7	4.8	31 6.6	115 52.4	D	4.0	8.0		VALLE TRINIDAD	M
30	13	12	24.4	31 12.3	115 44.8	D	4.4	8.0		VALLE TRINIDAD	M

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SEISMICITY OF THE SOUTHERN CALIFORNIA REGION 1 JANUARY 1972 TO --ETC(U)
1976 M E FRIEDMAN, J H WHITCOMB, C R ALLEN

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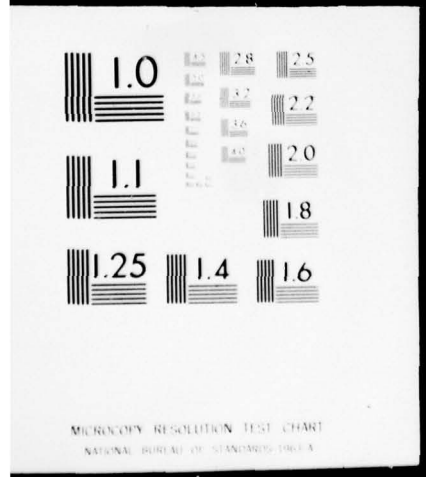


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EARTHQUAKES IN SOUTHERN CALIFORNIA REGION OF MAGNITUDE 5.0 OR GREATER
- 1972 THROUGH 1974 -

YEAR	MO	DA	H	M	S	LAT-N	LONG-W	Q	MAG	DEPTH	S	QUADRANGLE
1973	2	21	14	45	57.3	34 3.9	119 2.1	B	5.5	8.0	R	HUENEME
1973	8	6	23	29	17.0	33 59.2	119 28.5	A	5.0	16.9		ANACAPA I SOUTH