

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
National Center for Earthquake Research

---

CATALOG OF EARTHQUAKES ALONG  
THE SAN ANDREAS FAULT SYSTEM IN CENTRAL CALIFORNIA  
FOR THE YEAR 1974

---

OPEN-FILE REPORT 78-1010

The report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

Any use of trade names and trademarks in this publication is for descriptive purposes only and does not constitute endorsement by the U.S. Geological Survey.

Menlo Park, California

1978

CATALOG OF EARTHQUAKES ALONG THE SAN ANDREAS FAULT  
SYSTEM IN CENTRAL CALIFORNIA, FOR THE YEAR 1974

by F. W. Lester and K. L. Meagher

CONTENTS

	Page
Introduction.....	2
Instrumentation.....	2
Data Processing and Analysis.....	3
Discussion of Catalog.....	13
Acknowledgments.....	16
References.....	17

ILLUSTRATIONS

Figure 1	Block diagram of the NCER telemetered seismograph system.....	4
2	System response of a typical NCER telemetered seismograph station.....	5
3	Map showing principal seismograph stations used in locating earthquakes.....	11
4	Map showing earthquake epicenters reported in the Appendix.....	15

TABLES

Table 1	Station data.....	6
---------	-------------------	---

APPENDIX

Central California Earthquakes, 1974.....	19
---	----

## INTRODUCTION

Numerous small earthquakes occur each day in the Coast Ranges of central California. The detailed study of these earthquakes provides a tool for gaining insight into the tectonic and physical processes responsible for the generation of damaging earthquakes. This catalog contains the fundamental parameters for earthquakes located within and adjacent to the seismograph network operated by the National Center for Earthquake Research (NCER), U.S. Geological Survey, for the year 1974.

The motivation for these detailed studies has been described by Pakisier and others (1969) and by Eaton and others (1970). Similar catalogs of earthquakes for the years 1969, 1970, and 1971 have been prepared by Lee and others (1972b, c and d). Catalogs for the first, second, third, and fourth quarters of 1972 and the first, second, third, and fourth quarters of 1973 have been prepared by Wesson and others (1972a, b, 1973b, and 1974a and b), by Bufe and others (1975), and by Lester and others (1976a and b). The basic data contained in these catalogs provide a foundation for further studies.

This catalog contains data on 3073 earthquakes in central California. Arrival times at 152 seismograph stations were used to locate the earthquakes listed in this catalog. Of these 136 were telemetered stations operated by NCER. Readings from the remaining 16 stations were obtained through the courtesy of the Seismographic Station, University of California, Berkeley (UCB), and the California Department of Water Resources, Sacramento.

The Seismographic Station of the University of California, Berkeley, has for many years published a bulletin that both describes earthquakes in northern California and the surrounding area and lists readings at UCB stations from more distant events. The purpose of the present catalog is not to replace the UCB Bulletin, but rather to supplement it, by describing the seismicity of a portion of central California in much greater detail.

## INSTRUMENTATION

The telemetered seismograph system used is illustrated by the block diagram in Figure 1. The equipment at each station includes a vertical component, 1 Hz seismometer (usually Mark Products, Model L-4C), a package containing a preamplifier and voltage-controlled oscillator (usually Develco, Model 6202), and batteries. The frequency-modulated tone produced at each station is carried by wire (occasionally by radio) to a terminal where it is combined with tones from up to 7 other stations. The resulting multiplexed signal is then transmitted by voice-grade telephone circuits or radio to the NCER office in Menlo Park, California.

The eight channels of data on each line are separated and demodulated by discriminators (usually Develco, Model 6203), and recorded on 16 mm film using a Develocorder (Teledyne, Geotech, Model FR-400). Each Develocorder records seismic signals from up to 17 stations. In addition, 2 timing signals (WWVB on 2 traces, and a chronometer on 1 trace) are recorded simultaneously with the seismic signals.

Figure 2 illustrates the overall response of the seismic system for a typical station. Magnification for individual stations is adjusted according to the background noise level in steps of 6 decibels. As a result, the response for an individual station may differ from that of the typical station by a factor of 2, 4, 8, or 16. Precise calibrations indicate that most stations are operated at magnifications of 25,000 to 100,000 at 1 Hz.

All stations used in the present study are listed in Table 1. Station locations are plotted on Figure 3, except for 13 stations which are located outside the map boundaries.

#### DATA PROCESSING AND ANALYSIS

The telemetered seismic data recorded on 16 mm film were processed manually to yield information on first P-arrivals, directions of first motions, maximum amplitudes, and signal durations. These data were then processed by computer, using the HYP071 computer program (Lee and Lahr, 1972), to give origin time, hypocenter location, magnitude, and pattern of first motions of the earthquakes. Each roll of film contains about 24 hours recording and was processed in the following steps" (1) scanning, (2) timing, (3) preparing punched cards, (4) batch processing by computer program HYP071, (5) correcting errors, (6) adding data from other sources, (7) rerunning HYP071, (8) analyzing poor solutions, and (9) eliminating explosions.

In March of 1973 an automatic real-time earthquake detection system was introduced. It resembles but was different in many respects to that described by Stewart and others (1971). During the period reported here, this new system was only experimental and was not used to replace the technique of manually scanning films to detect earthquakes.

In the routine data processing, local events with signal duration of 10 seconds or more were always timed (see p. 12 for an explanation of signal duration). This corresponds to a cutoff at about magnitude 1 for events within the NCER network. Some smaller events for which 6 clear first arrivals could be obtained were also timed. The magnitude cutoff for events outside, but near the NCER network, was somewhat larger than 1. The catalog of earthquakes reported here contains all hypocenter solutions obtained, based on the above criteria. Because the station coverage was not uniform and because some events outside the network were reported, the cutoff for small magnitudes was not uniform over the entire area reported.

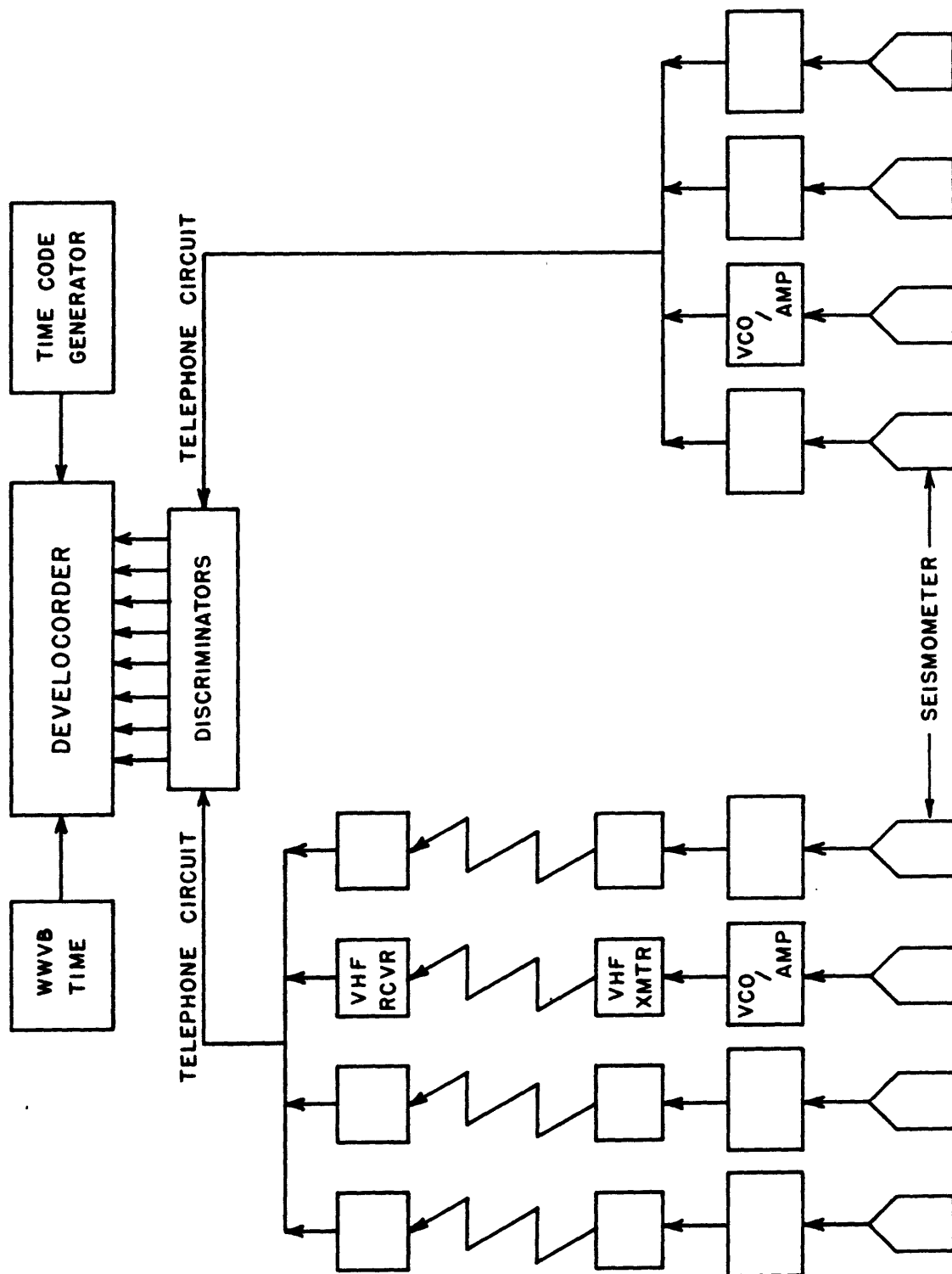


Figure 1. Block diagram of the NCER telemetered seismograph system.

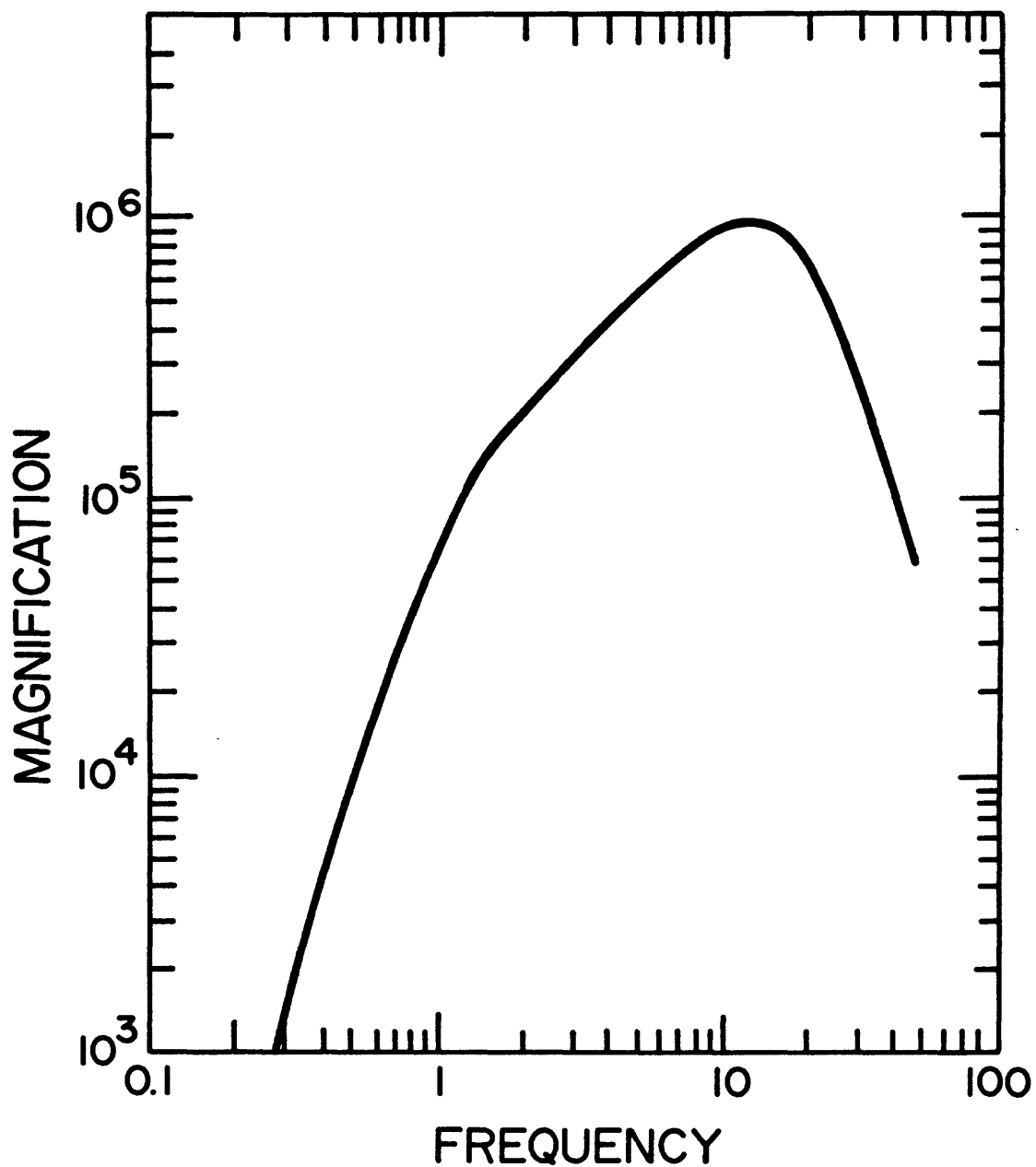


Figure 2 System response of a typical NCER telemetered seismograph station. This magnification curve is obtained for a typical system (L-4C seismometer, Develco VCO/Amplifier, Develco Discriminator, and Geotech Develocorder) with electronic gains adjusted to produce a 10 mm peak-to-peak record amplitude when a 10 v rms, 5 Hz, calibration signal is introduced in place of the seismometer (attenuation set at 42 db).

TABLE 1. STATION DATA\*

## OES TELEMETERED STATIONS

CODE	LAT N	LONG W	ELV	K	D(E)	D(W)	NOTE**
ABP	37-56.35	122-45.53	140	2	(3.5)	(3.5)	01/01 TO 10/31
ACH	37-58.57	121-45.62	74	1	7.0	6.2	
ALM	37- 9.50	121-50.82	244	1	1.6	1.8	
ALX	38-42.65	122-45.30	379	1	0.8	(3.5)	
AND	37- 9.77	121-37.45	244	1	3.0	3.2	
ANG	37-51.68	122-25.77	223	1	2.2	2.2	
ANZ	36-53.08	121-35.45	122	2	4.4	1.4	05/10 TO 12/31
ARN	37-20.96	121-31.96	628	1	3.9	4.2	
BBR	38-15.65	122-32.99	137	1	2.2	2.2	
BCR	37- 9.62	122- 1.57	660	2	3.7	4.7	
BEN	36-30.60	121- 4.53	448	2	3.4	3.0	
BGH	37-20.52	122-20.34	158	2	3.8	3.8	
BGM	36-35.48	121- 1.52	1216	1	3.0	(3.5)	
BOL	37-48.97	122- 3.72	610	1	4.6	5.0	
BRO	38- 0.48	120-24.92	387	1	(3.5)	(3.5)	
BRP	38-40.07	122-11.60	867	1	3.9	(3.5)	
BTW	36-18.90	120-55.75	381	2	2.1	2.1	
BVL	36-34.51	121-11.34	510	2	3.1	0.6	
BWR	37-55.45	122- 6.40	221	1	5.1	5.1	
CAL	37-27.07	121-47.95	265	1	4.9	4.3	
CAN	37- 1.52	121-29.02	332	1	3.6	5.0	
CAR	38-19.28	122-47.73	98	1	2.2	2.2	
CAS	35-55.90	120-20.22	1189	1	5.2	5.2	
CBC	36-55.88	121-39.63	219	2	4.4	3.2	
CBO	37- 6.71	121-41.33	192	1	2.2	2.7	
CCR	37-47.30	121-57.00	185	1	7.1	7.1	
CDR	38-22.19	122-27.70	620	1	2.2	2.2	
CHR	36-57.46	121-35.01	241	1	2.1	3.6	
CNR	36-42.55	121-20.60	305	2	4.8	0.7	
CNS	37-56.33	120-31.76	373	1	(3.5)	(3.5)	
COE	37-15.46	121-40.35	366	1	5.9	6.8	
COP	37-58.36	120-37.02	336	1	(3.5)	(3.5)	
CRH	38- 1.12	120-30.57	475	1	(3.5)	(3.5)	
CRK	37-14.50	122- 7.82	607	2	4.0	4.4	
CSH	37-38.88	122-02.57	170	1	(3.5)	4.0	
CYH	37-33.54	122- 5.62	38	1	2.5	3.2	
DIL	36-50.12	121-38.64	204	2	3.2	2.2	
DIR	36-20.18	120-22.58	496	1	5.1	4.6	
DOO	37-43.80	121-50.12	198	1	6.8	6.8	
DSR	37-57.98	122-15.17	109	1	(3.5)	(3.5)	
DUR	38- 1.78	122- 0.05	168	1	5.4	5.4	
EGR	37- 2.11	122- 6.25	442	2	1.7	1.7	

TABLE 1. STATION DATA (CONTINUED)

## OES TELEMETERED STATIONS

CODE	LAT N	LONG W	ELV	K	D(E)	D(W)	NOTE **
EKH	36-39.88	121-10.45	342	1	1.6	4.0	
EMM	36-39.68	121- 5.76	488	1	0.8	2.2	
EUC	37- 3.04	121-48.56	438	2	3.0	3.8	
FEL	36-59.00	121-24.09	323	1	3.2	4.3	
FRP	36-45.22	121-29.43	705	2	2.2	0.8	
FWL	38- 1.17	120-35.00	880	1	(3.5)	(3.5)	
GDH	35-49.86	120-21.17	433	1	3.3	3.4	
GHS	37- 5.75	121-26.83	778	1	2.3	4.4	
GVR	38-16.84	122-12.89	257	1	5.2	5.2	
HCC	36-58.88	121-43.35	159	2	4.0	4.2	
HEC	35-40.93	121-09.15	514	2	4.3	4.3	
HER	36-22.38	120-49.13	750	1	4.3	0.8	
HMR	38- 9.28	121-48.02	65	1	6.3	6.3	
JHC	36-32.82	121-23.53	207	2	0.9	0.9	
JOL	36- 5.02	121-10.15	336	2	2.1	1.1	
JON	36-36.65	121-18.81	1052	2	1.5	0.7	01/31 TO 12/31
LCH	37-44.28	122- 3.83	312	1	4.3	4.6	
LNS	38- 9.15	122-42.75	120	1	1.9	1.9	
LOR	36-14.79	121- 2.55	308	2	0.1	0.1	
LRV	36-25.46	121- 1.08	555	2	5.5	2.1	
LTR	36-53.07	121-18.49	183	1	3.0	4.5	
LTW	37-21.22	122-12.25	270	2	3.8	3.4	
LWR	36-39.96	121-16.36	232	2	5.1	2.4	
MCM	37-53.17	120-30.40	362	1	(3.5)	(3.5)	
MDC	37-52.90	121-54.85	1173	1	4.8	4.8	01/01 TO 06/01
MGA	37-38.22	122-28.43	201	2	2.4	2.4	
MHR	37-21.57	121-45.38	518	1	5.3	6.2	
MIL	37-46.88	122-10.55	90	1	3.1	(3.5)	
MIX	38-24.68	122- 3.44	177	1	5.7	5.7	
MNR	37-35.68	121-38.22	500	1	4.6	4.6	
MOB	37-27.01	122-11.00	21	1	3.8	2.6	
MON	36-36.03	121-55.06	192	2	1.1	1.1	
MOP	36-12.91	120-47.69	784	2	1.8	1.9	
MOR	37-48.68	121-48.15	792	1	6.6	6.6	
MRS	36-39.48	120-47.62	769	1	3.9	3.8	
MSJ	37-31.25	121-52.23	498	1	4.3	4.3	
MWS	38-33.03	122-43.37	134	1	3.3	3.3	
OBF	37-54.00	120-34.04	176	1	(3.5)	(3.5)	
OCR	36-55.03	121-30.46	98	1	3.0	4.4	
OLC	38- 2.38	122-47.55	30	2	2.6	2.6	
PAL	37-37.88	121-57.37	463	1	4.3	4.1	
PCL	37- 3.13	121-17.40	152	1	2.2	3.6	



TABLE 1. STATION DATA (CONTINUED)

## OES TELEMETERED STATIONS

CODE	LAT N	LONG W	ELV	K	D(E)	D(W)	NOTE **
PES	37-11.94	122-20.90	84	2	3.2	2.5	
PFP	36-13.82	121-46.32	349	1	2.2	2.4	
PKF	35-52.91	120-24.81	469	1	4.3	5.3	
PKH	36-51.38	121-24.37	122	1	4.6	6.5	
PLV	36-58.62	121-49.93	158	2	4.9	4.0	
PMR	36-57.19	121-41.70	94	2	3.7	3.5	
PNC	36-33.73	121-38.18	305	2	1.8	1.6	
PNM	38-50.85	122-56.78	783	1	1.7	1.6	
PNP	36-10.12	121-22.68	1591	2	2.1	1.3	
PTV	36- 6.50	120-43.27	506	2	1.9	1.9	
QSR	36-50.02	121-12.76	536	1	3.1	4.0	
RBM	36-50.70	120-49.40	372	1	5.7	5.4	
RUS	37-54.75	121-54.33	331	1	4.8	4.8	
SAC	37-34.95	122-25.03	207	2	2.2	2.2	
SAW	37-12.74	122-10.06	262	2	4.6	4.0	
SBAI	34-00.80	119-26.23	113	2	(3.5)	(3.5)	
SBCC	34-56.48	120-10.32	610	2	(3.5)	(3.5)	
SBCD	34-22.12	119-20.63	213	2	(3.5)	(3.5)	
SBLC	34-29.79	119-42.81	1190	2	(3.5)	(3.5)	
SBLG	34- 6.57	119- 3.85	415	2	(3.5)	(3.5)	
SBLP	34-33.62	120-24.03	134	2	(3.5)	(3.5)	
SBSC	33-59.68	119-37.99	457	2	(3.5)	(3.5)	
SBSM	34- 2.25	120-20.99	172	2	(3.5)	(3.5)	
SBSN	33-14.70	119-30.40	259	2	(3.5)	(3.5)	
SFR	37-47.28	122-23.37	8	1	1.9	1.9	
SFT	37-24.31	122-10.55	143	1	4.0	4.0	
SGM	38-52.03	122-42.58	1080	1	4.1	4.0	07/02 TO 12/31
SHC	38-40.22	122-38.03	1200	1	1.3	1.6	
SHG	36-24.83	121-15.22	192	2	0.5	0.1	
SHR	38-31.20	122-36.43	328	1	2.0	2.0	
SJG	36-47.88	121-34.43	171	2	3.0	1.5	
SL1	37-04.87	121-03.67	116	1	2.3	5.2	02/28 TO 12/31
SL2	37-01.90	121-03.32	293	1	2.3	5.2	02/28 TO 12/31
SL3	37-06.88	121-08.29	189	1	2.3	5.2	02/28 TO 12/31
SL4	37-00.26	121-06.90	219	1	2.3	5.2	02/28 TO 12/31
SL5	37-04.26	121-09.36	180	1	2.3	5.2	02/28 TO 12/31
SL6	37-01.70	121-05.52	302	1	2.3	5.2	02/28 TO 12/31
SL7	37-01.78	121-08.41	219	1	2.3	5.2	02/28 TO 12/31
SL8	37-04.81	121-05.65	122	1	2.3	5.2	02/28 TO 12/31
SPT	38-10.96	122-27.20	88	1	2.2	2.2	
SRS	36-40.11	121-31.13	399	2	1.4	0.5	
STC	36-38.10	121-14.38	259	2	5.5	1.9	

TABLE 1. STATION DATA (CONTINUED)

## OES TELEMETERED STATIONS

CODE	LAT N	LONG W	ELV	K	D(E)	D(W)	NOTE **
STJ	37-20.03	122- 5.48	122	1	6.1	4.1	
STN	37-54.27	120-24.29	366	1	(3.5)	(3.5)	
STV	37-17.07	122- 7.42	357	2	3.0	3.0	
SVC	37-17.11	121-46.35	128	1	5.4	4.8	
TAY	35-56.73	120-28.45	552	1	4.3	5.6	
TMN	38-23.15	122-40.83	105	1	2.7	2.7	
TWN	36-03.16	121-30.45	1476	2	2.4	0.8	
WDS	37-25.08	122-16.33	280	2	3.3	2.5	
WHW	38-27.42	122-53.26	50	1	1.6	1.6	
WKR	35-48.87	120-30.67	503	2	4.2	4.4	

\*\* THIS COLUMN INDICATES THE OPERATION PERIOD. IF IT IS BLANK THEN THIS STATION HAS BEEN OPERATED CONTINUOUSLY DURING 1974.

## UNIVERSITY OF CALIFORNIA STATIONS

CODE	LAT N	LONG W	ELV	K	D(E)	D(W)
BKS	37-52.60	122-14.10	276	1	2.4	2.4
BRK	37-52.40	122-15.60	81	1	2.4	2.4
FHC	40-48.10	123-59.10	610	1	(3.5)	(3.5)
FRI	36-59.50	119-42.50	119	1	(3.5)	(3.5)
GCC	37- 1.80	121-59.80	122	2	1.7	1.7
JAS	37-56.80	120-26.30	457	1	(3.5)	(3.5)
LLA	36-37.00	120-56.60	475	1	1.5	2.1
MHC	37-20.50	121-38.50	1282	1	4.5	5.0
MIN	40-20.70	121-36.30	1495	1	(3.5)	(3.5)
PCC	37-30.00	122-22.90	91	2	3.7	3.7
PRI	36- 8.50	120-39.90	1187	1	4.0	4.0
PRS	36-19.90	121-22.20	363	2	1.1	1.1
SAO	36-45.90	121-26.70	350	2	2.7	1.0
WDC	40-34.80	122-32.40	300	1	(3.5)	(3.5)

TABLE 1. STATION DATA (CONTINUED)

CALIFORNIA DEPARTMENT OF WATER RESOURCES STATIONS

CODE	LAT N	LONG W	ELV	K	D(E)	D(W)
ORV	39-33.33	121-30.00	362	1	(3.5)	(3.5)
SLD	37-04.48	121-13.33	443	1	2.3	5.2

\* LAT AND LONG ARE LATITUDE AND LONGITUDE IN DEGREES AND MINUTES. ELV IS ELEVATION IN METERS. D(E) AND D(W) ARE GIVEN IN KILOMETERS. SEE TEXT (P. 12) FOR EXPLANATION OF K, D(E), AND D(W).

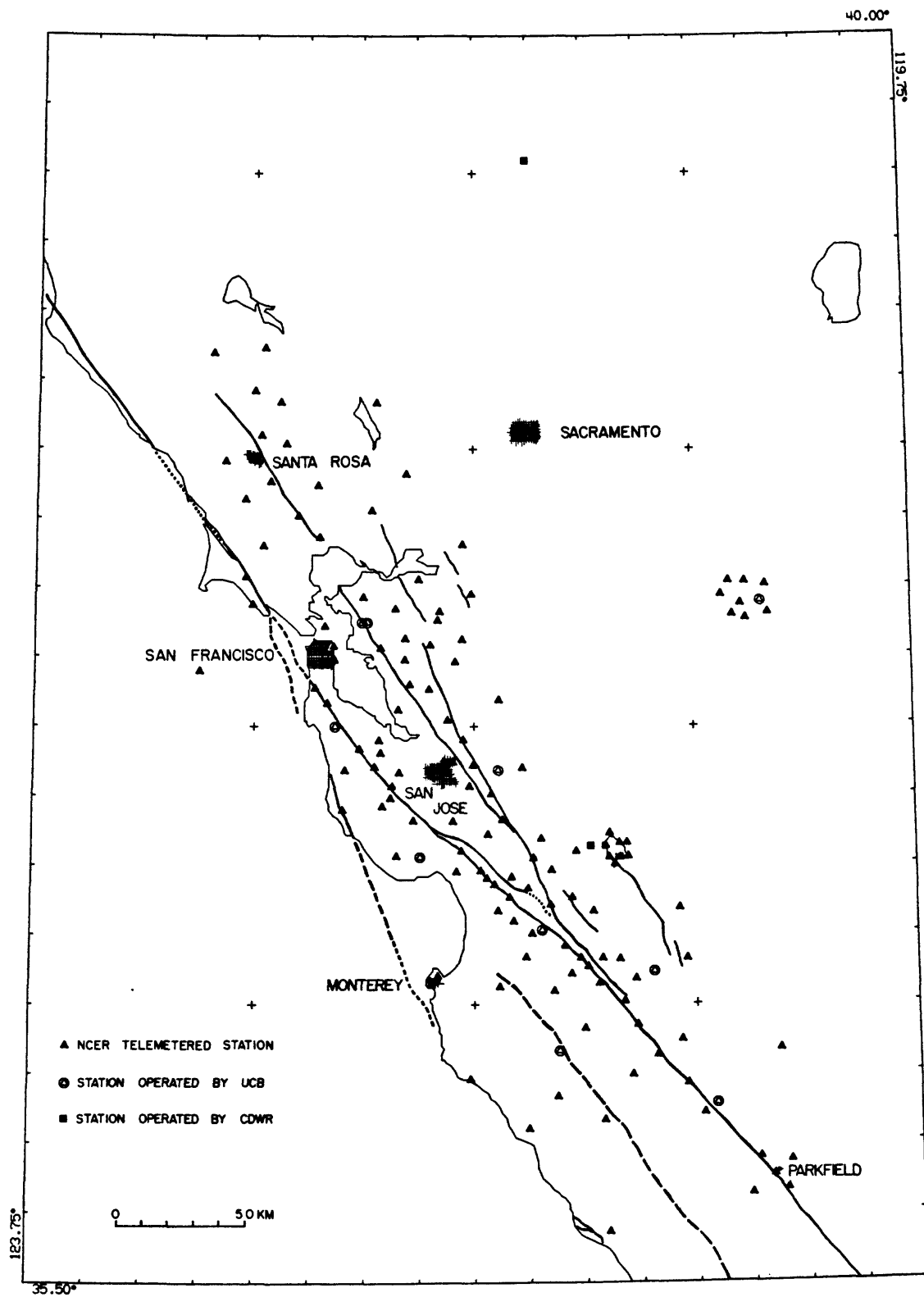


Figure 3. Map showing principal seismograph stations used in locating earthquakes.

Location of earthquakes was based mainly on first P-arrivals. When an adequate location could not be obtained using P-arrivals alone, S-arrivals were used to supplement the P-arrivals whenever possible. The HYP071 computer program uses Geiger's method (Geiger, 1912) to determine hypocenters by minimizing the residuals between observed and calculated arrivals in a least-squares sense. Traveltimes from a trial hypocenter to the stations and their partial derivatives are computed on the assumptions of a horizontal multilayer velocity model by a technique introduced by Eaton (1969).

The crustal velocity model used was derived mostly from analysis of explosion data by Wesson and others (1973a). It is specified by:

<u>Layer</u>	<u>Depth (km)</u>	<u>P-velocity (km/sec)</u>	<u>S-velocity (km/sec)</u>
1	0 to D	4.0	2.2
2	D to 15	5.9	3.3
3	15 to 25	6.8	3.8
4	below 25	8.05	4.5

The variable boundary between the first and second layer (depth D) is determined for each station from time-term analysis of explosion data. The variable first layer in the crustal model is an approximation of the sedimentary layer above the Pg refractor. To allow for sharp changes in sediment thickness across the San Andreas fault, two D values for each station were determined: one for sources east of the fault, and the other for sources west of the fault. The set of D values to be used in the program is determined by the location, relative to the fault, of the station with the earliest P-arrival time. For example, if the earliest P-arrival occurs at a station west of the fault, then the set of D values appropriate to the sources on the west side, D(W), of the fault is selected. Table 1 shows values of D, in kilometers, at each station for sources east (D(E)) and west (D(W)) of the San Andreas fault, as well as the location of the stations relative to the fault (K = 1 for east, and K = 2 for west). An assumed value for D of 3.5 km (about the median of the calculated values) is given in parentheses if a value could not be determined from the explosion data.

The method used for estimating the Richter magnitude of the earthquakes has been described by Lee and others (1972a). In brief, the magnitude of an earthquake is based on the average of magnitudes estimated at various stations. Station magnitude (M) is derived from its recorded signal duration ( $\tau$ ) according to:

$$M = -0.87 + 2.00 \log (\tau) + 0.0035\Delta$$

where  $\Delta$  is the epicentral distance in kilometers. The signal duration is defined as the duration time in seconds from the onset of the first P-arrival to the point where the trace amplitude (peak-to-peak) falls below 1 cm as it appears on the Geotech film viewer.

For earthquakes with Richter magnitudes of 3.5 and below, equation (1) gives a good estimate of the magnitude: however, for Richter magnitudes above 3.5, the relationship between signal duration and magnitude is still under investigation. Therefore, for earthquakes with signal duration magnitudes of 3.5 or greater, Richter magnitudes have been calculated (Richter, 1942) using records obtained from the UCB Wood-Anderson seismographs at Berkeley and Mount Hamilton, and the Stanford-USGS Wood-Anderson at Palo Alto. The earthquakes for which the Richter magnitude has been determined from Wood-Anderson records are indicated in the Appendix by an R next to the magnitude.

A substantial effort has been made to identify man-made explosions so as to eliminate them from the catalog. Explosions can be identified on the basis of one or more of the following criteria: location of a known quarry or blasting site, shallow focal depth, time of day, focal mechanism, and/or through correspondence with quarry operators. During 1974, 138 blasts were identified and eliminated from the catalog.

#### DISCUSSION OF CATALOG

The parameters for the earthquakes listed in the Appendix include the origin time, location of hypocenter (epicenter and focal depth), and magnitude. In addition, six other parameters are listed so that an evaluation of the quality of the hypocenter solution may be made. These parameters are (1) the largest azimuthal separation between stations, GAP, (2) epicentral distance to the nearest station, DMIN, (3) root-mean-square error of the time residuals, RMS, (4) standard error of the epicenter, ERH, (5) standard error of the focal depth, ERZ, and (6) number of P- and S-arrivals used in locating the event, NO. Based on these parameters, the general reliability of each earthquake solution is graded as either excellent (A), good (B), fair (C), or poor (D). Exact rules of quality classification are given in the Appendix.

A brief discussion on the accuracy of hypocenter determinations has been given by Lee and others (1971). To obtain a reliable epicenter, GAP should be less than  $180^\circ$ ; to obtain a reliable focal depth, DMIN should be less than the focal depth. In addition, systematic errors arise from uncertainties in the crustal velocity model. These errors cannot be determined except through controlled experiments, e.g., known explosions in the focal region. Because we present all hypocenter solutions of earthquakes in the region we studied, their quality varies. Although standard errors of epicenter and focal depth (ERH and ERZ) are given, they must be interpreted with caution, especially for quality C and D solutions. Hypocenter solutions for known blasts distributed throughout the San Francisco Bay region indicate that the true positions are often within the standard error limits of the solutions, provided that the conditions  $GAP < 180^\circ$  and DMIN is within a few kilometers are met. For example, comparison of locations determined for well-recorded quarry blasts (solution quality A) with the known coordinates indicate a typical

error of about 1 km. Based on comparisons between calculated and true quarry blast locations, a general statement on the accuracy of our hypocenter solutions is as follows:

Solution Quality	Approximate accuracy in	
	Epicenter	Focal Depth
A (excellent)	1 km	2 km
B (good)	2.5 km	5 km
C (fair)	5 km	5 km
D (poor)	5 km	5 km

Epicenters listed in the Appendix are plotted according to magnitude in Figure 4.

The dashed lines in Figure 4 indicate the boundaries of the NCER seismograph network as it existed during 1974. We feel that the hypocenters listed in the the Appendix represent a nearly complete set of earthquakes above magnitude 1 within these boundaries and that these earthquakes are generally well located. Earthquakes outside the dashed boundaries in Figure 4 tend to have less reliable locations, depending on their distance from the network and their relationship to its geometry. Further, the minimum magnitude event that we can detect and locate increases with increasing distance from the network. For earthquakes outside the network, which yielded unsatisfactory locations on the basis of first P-arrivals alone, S-arrivals were included whenever possible.

We believe that the precision of the earthquake locations (or the relative locations) is better than the absolute accuracy of the earthquake locations. Despite our attempts to model the laterally inhomogeneous nature of the velocity structure within the earth's crust using a variable surface layer, we suspect that the locations within certain parts of the area included in the boundaries of the network may be systematically biased by as much as 2-3 km (Mayer-Rosa, 1973).

Some of the earthquakes listed in this catalog represent multiple events, that is, earthquakes from a given source region which occur in such rapid succession that the seismographs are still recording arrivals from one earthquake when the first arrivals from a following earthquake begin to appear. Depending on the size of the individual events and their separation in time, it may not be possible to accurately time and locate the later event(s), and therefore only the location of the first event in the multiple sequence is listed in the Appendix.

The contents of the Appendix, along with similar location information for central California earthquakes since 1969, may be obtained (at modest cost) in forms amenable to computer input (magnetic tape) by contacting:

National Geophysical Data Center

Environmental Data Service

NOAA

Boulder, CO 80302

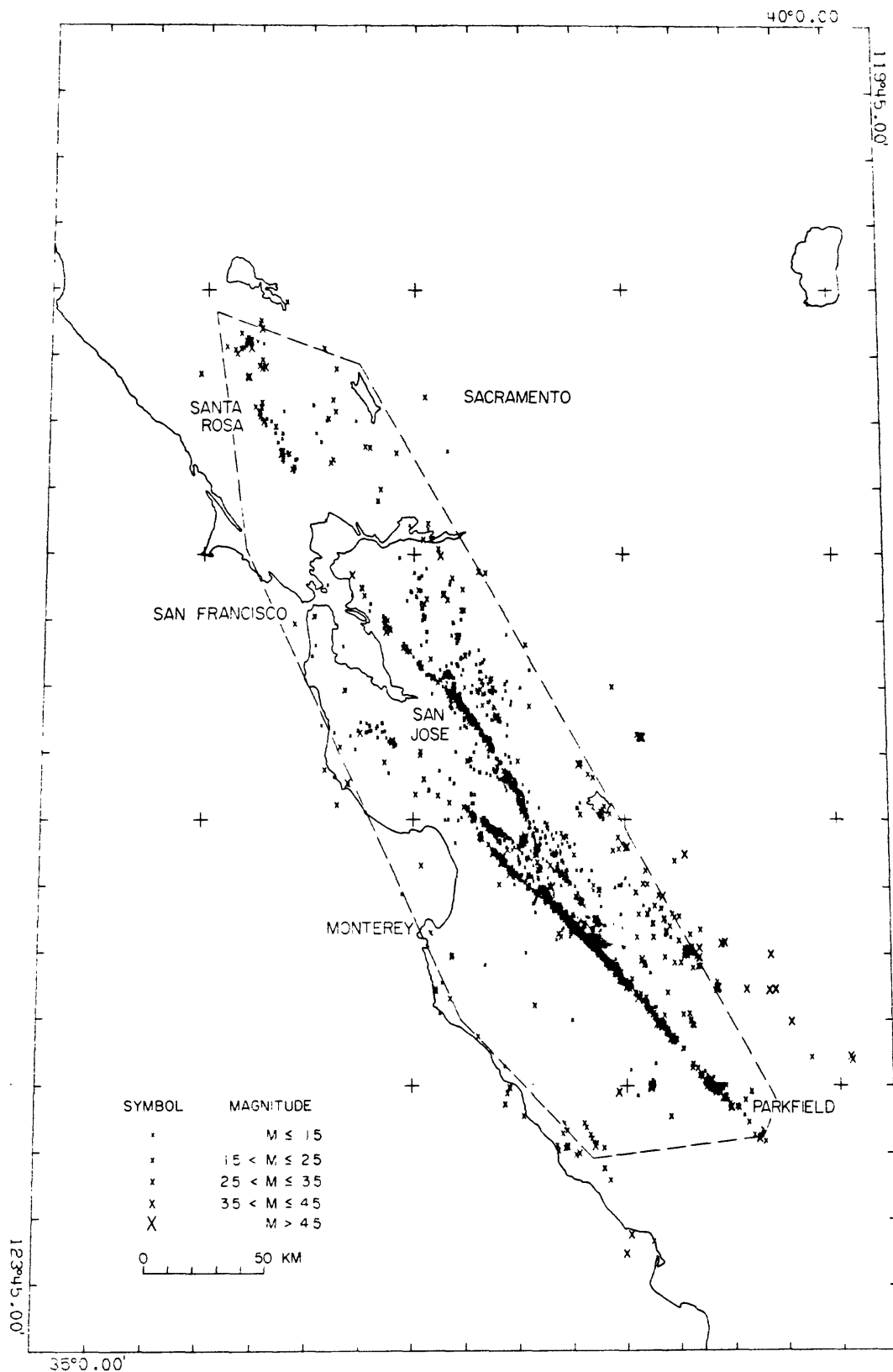


Figure 4. Map showing earthquake epicenters reported in the Appendix. Earthquakes in the region enclosed by the dashed line are generally well recorded and located.



## ACKNOWLEDGEMENTS

Some of the arrival times used in this study were obtained through the courtesy of the Seismographic Station, University of California, Berkeley, and the California Department of Water Resources, Sacramento. We thank Dr. B. A. Bolt, Director of the first institution, and Mr. Paul Morrison of the last institution, for their cooperation. Roy Miller of UCB and his staff offered generous help with their data and records. We are indebted to many quarry operators for helping us to eliminate blasts from the earthquake catalog.

We are grateful to Wayne Jackson, John Van Schaack, Ron Kadarabek, Wes Hall and their associates for operating the NCER seismograph stations and telemetry network. We thank Shirley Marks, Carol McHugh, Sharon Kirkman, and Sue Conens for their help in various phases of data processing and for comments on the manuscript.

We are most deeply indebted to J. P. Eaton, W. H. K. Lee, J. C. Lahr, and J. H. Pfluke of NCER for their development of the techniques and computer programs which have made the preparation of this catalog a routine production.

## REFERENCES

- Bufe, C. G., F. W. Lester, K. L. Meagher, and R. L. Wesson, Catalog of earthquakes along the San Andreas fault system in central California, April-June, 1973, U.S. Geological Survey Open-File Report 75-125, 44 p., 1975.
- Eaton, J. P., HYPOLAYR - a computer program for determining hypocenters of local earthquakes in an earth consisting of uniform flat layers over a half space, U.S. Geological Survey Open-File Report, 155 p., 1969.
- Eaton, J. P., W. H. K. Lee, and L. C. Pakiser, Use of microearthquakes in the study of the mechanics of earthquake generation along the San Andreas fault in central California, Tectonophysics, v. 9, p. 259-282, 1970.
- Geiger, L., Probability method for the determination of earthquake epicenters from the arrival time only (translated from Geiger's 1910 German article) Bulletin of St. Louis University, v. 8, p. 56-71, 1912.
- Lee, W. H. K., and J. C. Lahr, HYP071: a computer program for determining hypocenter, magnitude, and first motion pattern of local earthquakes, U.S. Geological Survey Open-File Report, 100 p., 1972.
- Lee, W. H. K., J. P. Eaton, and E. E. Brabb, The earthquake sequence near Danville, California, 1970, Bulletin Seismological Society of America, v. 61, p. 1771-1794, 1971.
- Lee, W. H. K., R. E. Bennett, and K. L. Meagher, A method of estimating magnitude of local earthquakes from signal duration, U.S. Geological Survey Open-File Report, 18 p., 1972a.
- Lee, W. H. K., J. C. Roller, P. G. Bauer, and J. D. Johnson, Catalog of earthquakes along the San Andreas fault system in central California for the year 1969, U.S. Geological Survey Open-File Report, 49 p., 1972b.
- Lee, W. H. K., J. C. Roller, K. L. Meagher, and R. E. Bennett, Catalog of earthquakes along the San Andreas fault system in central California for the year 1970, U.S. Geological Survey Open-File Report, 73 p., 1972c.
- Lee, W. H. K., K. L. Meagher, R. E. Bennett, and E. E. Matamoros, Catalog of earthquakes along the San Andreas fault system in central California for the year 1971, U.S. Geological Survey Open-File Report, 62 p., 1972d.

- Lester, F. W., K. L. Meagher, and R. L. Wesson, Catalog of earthquakes along the San Andreas fault system in central California, July-September, 1973, U.S. Geological Survey Open-File Report 76-169, 38 p., 1976a.
- Lester, F. W., S. L. Kirkman, and K. L. Meagher, Catalog of earthquakes along the San Andreas fault system in central California, October - December 1973, U.S. Geological Survey Open-File Report 76-732, 37 p., 1976b.
- Mayer-Rosa, Dieter, Traveltime anomalies and distribution of earthquakes along the Calaveras fault zone, California, Bulletin Seismological Society of America, v. 63, p. 713-729, 1973.
- Pakiser, L. C., J. P. Eaton, J. H. Healy, and C. B. Raleigh, Earthquake prediction and control, Science, v. 166, p. 1467-1474, 1969.
- Richter, C. F., An instrumental earthquake magnitude scale, Bulletin Seismological Society of America, v. 25, p. 1-32, 1942.
- Stewart, S. W., W. H. K. Lee, and J. P. Eaton, Location and real-time detection of microearthquakes along the San Andreas fault system in central California, Recent Crustal Movements, Royal Society of New Zealand Bulletin, v. 9, p. 205-209, 1971.
- Wesson, R. L., R. E. Bennett, and K. L. Meagher, Catalog of earthquakes along the San Andreas fault system in central California, January-March, 1972, U.S. Geological Survey Open-File Report, 60 p., 1972a.
- Wesson, R. L., R. E. Bennett, and F. W. Lester, Catalog of earthquakes along the San Andreas fault system in central California, April-June, 1972, U.S. Geological Survey Open-File Report, 42 p., 1972b.
- Wesson, R. L., J. C. Roller, and W. H. K. Lee, Time-term analysis and geologic interpretation of seismic traveltime data from the Coast Ranges of central California, Bulletin Seismological Society of America, v. 63, p. 1447-1471, 1973a.
- Wesson, R. L., K. L. Meagher, and F. W. Lester, Catalog of earthquakes along the San Andreas fault system in central California, July-September, 1972, U.S. Geological Survey Open-File Report, 49 p., 1973b.
- Wesson, R. L., F. W. Lester, and K. L. Meagher, Catalog of earthquakes along the San Andreas fault system in central California, October-December, 1972, U.S. Geological Survey Open-File Report, 46 p., 1974a.
- Wesson, R. L., F. W. Lester, and K. L. Meagher, Catalog of earthquakes along the San Andreas fault system in central California, January-March, 1973, U.S. Geological Survey Open-File Report, 46 p., 1974b.

## APPENDIX: CATALOG OF EARTHQUAKES FOR THE YEAR 1974

Earthquakes along the San Andreas fault system in central California for 1974, are listed chronologically in this Appendix.

The following data are given for each event:

1. Origin time in Coordinated Universal Time (UTC): date, hour (HR), minute (MN), and second (SEC). To convert to Pacific Standard Time (PST), subtract eight hours, to Pacific Daylight Time (PDT), subtract seven hours.

2. Epicenter in degrees and minutes of north latitude (LAT N) and west longitude (LONG W).

3. DEPTH, depth of focus in kilometers. If "\*" follows the DEPTH, it means that the focal depth is constrained by the location program.

4. MAG, local magnitude of the earthquake. If "R" follows the magnitude, it indicates the Richter magnitude calculated from Wood-Anderson seismograph records.

5. NO, number of P- and S-arrivals used in locating earthquake.

6. GAP, largest azimuthal separation in degrees between stations.

7. DMIN, epicentral distance in kilometers to the nearest station.

8. RMS, root-mean-square error of the time residuals:

$$RMS = \sqrt{\sum_i R_i^2 / NO}$$

where  $R_i$  is the observed seismic-wave arrival time minus the computed time at the  $i$ th station.

9. ERH, standard error of the epicenter in kilometers:

$$ERH = \sqrt{SDX^2 + SDY^2}$$

where SDX and SDY are the standard errors in latitude and longitude, respectively, of the epicenter.

10. ERZ, standard error of the depth in kilometers.

11. Q, solution quality of the hypocenter. This measure is intended to indicate the general reliability of each solution.

<u>Q</u>	<u>Epicenter</u>	<u>Focal Depth</u>
A	excellent	good
B	good	fair
C	fair	poor
D	poor	poor

Q is based on both the nature of the station distribution with respect to the earthquake and the statistical measure of the solution. These two factors are each rated independently according to the following schemes.

#### Station Distribution

	<u>NO</u>	<u>GAP</u>	<u>DMIN</u>
A	>6	< 90	< DEPTH or 5 km
B	>6	< 135	< 2 x DEPTH or 10 km
C	>6	< 180	< 50 km
D	Others		

#### Statistical Measures

	<u>RMS (sec)</u>	<u>ERH (km)</u>	<u>ERZ (km)</u>
A	< 0.15	< 1.0	< 2.0
B	< 0.30	< 2.5	< 5.0
C	< 0.50	< 5.0	
D	Others		

Q is taken as the average of the ratings from the two schemes, i.e., an A and a C yield a B, and two B's yield a B. When the two ratings are only one level apart the lower one is used, i.e., an A and a B yield a B.

12. QUADRANGLE, for earthquakes between 35° 00.0' and 40° 00.0' N latitude and 119° 45.0' and 123° 45.0' W. longitude, QUADRANGLE indicates the name of the U.S. Geological Survey 7.5 quadrangle (or quadrant of 15' quadrangle), on which the epicenter is located. For earthquakes offshore or outside the designated area, the entry is starred and indicates the general geographic area in which the epicenter is located, for example, "\*\*\*MONTEREY BAY\*\*\*".

## CENTRAL CALIFORNIA EARTHQUAKES--1974

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	ERZ	Q	QUADRANGLE
JAN	1	6	12	14.0	38-44.2	122-44.0	2.8	1.8	9	187	3.5	0.10	1.1	0.5	C		MOUNT ST HELENA
	1	7	9	10.9	36-27.3	121-4.3	5.2	0.6	7	128	5.8	0.12	1.2	3.6	B		TOPO VALLEY
	1	7	58	53.6	37-38.3	122-1.9	2.0	1.0	13	58	2.8	0.15	0.6	0.5	B		HAYWARD
	1	9	35	35.6	36-50.6	121-34.5	5.5	1.5	16	72	4.8	0.15	0.7	0.7	B		SAN JUAN BAUTISTA
	1	15	0	46.9	35-48.0	121-9.6	8.1	1.8	9	223	31.5	0.14	2.2	12.6	D		RURNETT PEAK
	1	17	47	4.0	36-57.7	121-39.0	2.5	0.8	10	60	3.5	0.05	0.2	0.2	A		WATSONVILLE EAST
	1	23	39	54.9	36-31.5	121-7.0	8.4	1.1	11	84	4.0	0.13	0.7	1.3	A		SAN RENITO
	2	1	15	47.0	36-54.6	121-47.9	11.2	1.1	13	178	8.0	0.11	0.8	1.5	B		WATSONVILLE WEST
	2	2	31	20.9	37-37.9	121-43.9	5.0	0.8	7	157	9.3	0.08	0.7	1.2	B		ALAMONT
	2	8	6	9.8	36-46.9	121-31.3	7.5	2.0	27	88	4.2	0.14	0.4	0.8	A		SAN JUAN BAUTISTA
	2	18	4	19.7	37-12.0	121-43.5	9.0	0.9	16	80	8.0	0.11	0.5	1.1	A		MORGAN HILL
	2	19	25	23.1	36-44.5	121-27.3	6.8	2.0	25	73	3.5	0.16	0.5	1.1	B		MT HARLAN
	2	21	6	8.4	36-30.8	121-7.9	10.9	0.9	9	91	5.1	0.12	0.9	2.3	B		BICKMORE CANYON
	3	1	32	45.3	36-16.0	120-43.7	10.3	1.7	7	111	8.3	0.06	0.5	1.1	B		SAN BENITO MOUNTAIN
	3	3	32	34.6	36-41.2	121-20.1	3.1	0.4	7	116	2.6	0.06	0.5	0.5	B		PAICINES
	3	8	55	16.2	36-56.7	121-36.5	9.6	0.4	8	79	2.6	0.10	1.0	1.7	A		CHITTENDEN
	3	11	28	40.7	37-17.3	121-38.6	3.0	0.9	9	86	4.3	0.06	0.3	0.2	A		LICK OBSERVATORY
	3	13	15	9.8	36-27.2	121-4.7	5.7	1.8	20	63	6.2	0.11	0.3	1.0	B		TOPO VALLEY
	3	21	38	13.6	36-30.3	121-7.1	7.5	1.3	8	95	3.8	0.05	0.4	0.8	B		SAN RENITO
	4	0	15	58.0	36-56.8	121-25.9	4.5	1.4	16	75	7.5	0.14	0.6	0.8	B		SAN FELIPE
	4	10	50	56.8	37-45.6	121-56.7	5.8	1.3	13	55	3.5	0.11	0.5	0.3	A		DIABLO
	4	17	25	38.5	36-36.7	121-15.0	5.5	1.1	14	60	2.8	0.07	0.3	0.6	A		RICKMORE CANYON
	5	3	56	47.1	37-26.9	121-32.1	7.8	1.3	9	208	10.9	0.20	3.1	8.2	D		EYLAR MTN
	5	4	0	51.0	37-15.3	121-57.8	5.3	1.7	16	58	14.4	0.07	0.3	0.3	B		SAN JOSE WEST
	5	4	12	4.6	36-24.1	120-58.1	5.3	1.7	11	125	10.3	0.12	0.6	2.9	B		ROCK SPRING PEAK
	5	10	46	59.5	36-56.8	121-36.9	8.1	0.5	10	84	3.0	0.06	0.4	0.7	A		CHITTENDEN
	5	17	27	19.0	36-38.8	121-17.6	1.7	1.1	12	52	2.8	0.07	0.3	0.3	A		PAICINES
	5	22	52	58.3	36-45.2	121-20.8	13.1	0.7	10	90	5.0	0.09	0.6	1.4	A		TRES PINOS
	5	23	6	53.0	37-49.8	121-56.1	7.4	1.6	16	57	4.5	0.13	0.5	0.5	A		DIABLO
	6	1	12	17.1	36-38.3	121-16.9	1.0	1.5	10	57	3.2	0.06	0.3	0.4	A		PAICINES
	6	2	35	17.4	36-57.2	121-38.0	5.2	1.7	23	45	3.4	0.13	0.4	0.4	A		WATSONVILLE EAST
	6	2	41	35.8	36-57.1	121-37.5	3.5	0.9	10	63	3.7	0.09	0.4	0.6	A		CHITTENDEN
	6	3	6	59.1	36-44.0	121-25.6	5.4	1.1	15	69	6.1	0.10	0.6	1.4	B		MT HARLAN
	6	4	55	54.1	36-39.8	121-19.4	5.4	2.1	21	59	4.6	0.14	0.3	0.4	A		PAICINES
	6	5	6	27.8	36-28.4	121-2.8	15.5	0.8	7	161	17.0	0.06	0.7	1.6	B		TOPO VALLEY
	6	21	52	39.0	37-25.0	121-49.2	3.2	0.7	9	118	4.2	0.12	1.0	0.5	B		CALAVERAS RESERVOIR
	6	22	43	14.0	37-25.5	121-41.6	1.5	0.8	9	106	9.2	0.16	0.9	0.7	B		MT DAY
	7	1	37	17.4	37-50.7	122-17.5	5.0	1.3	11	98	12.4	0.11	0.6	0.8	B		OAKLAND WEST
	7	5	53	12.0	36-32.3	121-8.6	9.4	0.9	7	154	5.7	0.08	0.9	1.8	B		BICKMORE CANYON
	7	10	38	39.7	37-0.9	121-43.1	9.9	1.7	24	48	3.7	0.10	0.4	0.5	A		MT MADONNA
	7	11	9	29.3	36-45.8	121-28.0	5.8	0.9	8	90	2.3	0.13	1.0	1.6	B		HOLLISTER
	7	15	45	52.4	37-50.3	121-59.0	11.8	1.2	13	61	6.0	0.09	0.5	0.9	A		DIABLO
	7	16	30	39.4	35-57.7	120-56.7	13.5	1.2	6	169	24.4	0.11	2.2	2.5	C		HAMES VALLEY
	7	17	0	47.0	37-51.8	121-57.8	5.5	1.0	11	75	4.8	0.17	0.9	0.7	B		DIABLO
	7	18	14	43.4	36-38.2	121-16.9	1.4	0.1	8	57	3.3	0.03	0.2	0.2	A		PAICINES

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JAN	7	21	4	8-6	37-51.9	121-58.5	5.2	1.9	20	53	5.7	0.22	0.7	0.8	B		DIABLO
	7	22	22	13.5	36-33.6	121-12.1	6.1	0.6	6	163	2.1	0.03	0.4	0.6	B		RICKMORE CANYON
	8	0	57	52.4	36-33.9	121-11.5	6.1	1.3	11	66	1.2	0.06	0.4	0.6	A		RICKMORE CANYON
	8	3	56	20.8	36-35.7	121-11.4	9.1	0.8	9	127	2.3	0.06	0.6	0.8	B		RICKMORE CANYON
	8	4	49	18.6	38-22.8	122-36.0	4.4	2.2	10	98	7.1	0.08	0.4	2.5	B		KENWOOD
	8	11	12	9.3	37-25.2	121-45.3	4.4	0.4	6	126	5.2	0.04	0.3	0.3	3		CALAVERAS RESERVOIR
	8	13	6	58.3	37-21.8	122-8.9	6.8	1.0	11	73	6.0	0.16	0.8	2.2	B		MINDEGO HILL
	8	16	38	32.1	37-29.0	121-36.2	0.6	0.8	6	171	12.6	0.02	0.1	0.1	B		EYLAR MTN
	8	20	30	14.4	37-22.9	121-42.6	0.6	0.6	8	88	4.8	0.06	0.4	1.2	A		MT DAY
	9	5	32	17.9	36-27.7	121-4.3	2.4	1.1	8	97	5.5	0.09	0.6	0.6	B		TOPO VALLEY
	9	6	0	42.7	37-3.6	121-12.6	6.4	1.1	6	222	7.2	0.04	0.8	1.0	C		PACHECO PASS
	9	20	17	39.6	36-36.4	121-7.0	5.6	0.8	7	84	6.4	0.13	1.1	2.9	B		SAN RENITO
	9	21	8	38.4	36-45.8	121-28.3	6.9	1.8	19	48	2.0	0.12	0.4	0.9	A		HOLLISTER
	10	7	37	16.2	36-33.7	121-11.6	6.2	0.6	11	120	1.5	0.08	0.5	0.8	B		BICKMORE CANYON
	10	9	27	31.6	36-37.7	121-8.7	14.3	1.5	19	65	4.8	0.15	0.7	0.5	B		CHERRY PEAK
	10	9	35	27.6	36-37.8	121-8.5	12.7	1.1	15	65	4.8	0.20	1.0	1.0	B		CHERRY PEAK
	10	10	55	41.4	36-37.6	121-8.5	15.5	2.0	19	63	5.1	0.15	0.6	0.8	A		CHERRY PEAK
	10	11	8	30.0	37-32.3	121-54.3	5.5	1.6	16	59	3.6	0.15	0.6	0.6	3		NILES
	10	11	18	1.7	37-32.0	121-54.3	5.1	1.9	28	58	3.3	0.18	0.5	0.4	B		NILES
	10	11	19	29.9	37-32.2	121-54.4	5.5	1.0	18	58	3.6	0.16	0.6	0.7	B		NILES
	10	11	22	24.7	36-57.1	121-35.7	7.7	4.3	59	33	1.3	0.14	0.3	0.4	A		CHITTENDEN
	10	11	33	39.6	37-32.3	121-54.5	5.4	1.2	17	59	3.9	0.15	0.5	0.5	A		NILES
	10	11	37	10.5	36-37.8	121-8.7	12.5	1.0	13	65	4.6	0.16	0.9	1.0	R		CHERRY PEAK
	10	11	38	5.8	36-33.5	121-11.5	8.1	0.8	11	81	1.8	0.05	0.3	0.5	A		BICKMORE CANYON
	10	11	44	10.4	36-57.1	121-35.4	5.8	1.7	24	39	1.0	0.06	0.2	0.3	A		CHITTENDEN
	10	12	21	25.1	36-56.8	121-35.0	5.9	1.2	16	52	1.2	0.04	0.1	0.3	A		CHITTENDEN
	10	12	26	52.3	36-57.1	121-34.7	7.1	0.8	11	85	0.8	0.04	0.3	0.4	A		CHITTENDEN
	10	12	53	57.8	36-37.4	121-8.6	14.6	1.6	16	60	5.4	0.13	0.6	0.5	A		BICKMORE CANYON
	10	13	0	59.2	36-57.0	121-37.1	12.7	0.8	9	78	3.3	0.09	1.1	1.0	B		CHITTENDEN
	10	13	5	36.1	36-57.1	121-34.9	5.8	0.8	10	84	0.6	0.03	0.3	0.3	A		CHITTENDEN
	10	13	21	19.4	37-2.6	121-44.8	12.8	1.3	27	42	5.7	0.13	0.4	0.5	A		MT MADONNA
	10	14	26	22.7	36-57.0	121-35.3	5.4	2.0	13	79	1.0	0.05	0.2	0.4	A		CHITTENDEN
	10	14	29	47.0	36-57.2	121-35.5	6.8	2.0	27	39	0.9	0.08	0.2	0.5	A		CHITTENDEN
	10	15	17	23.0	36-56.9	121-35.1	6.3	0.3	6	130	1.1	0.03	0.4	0.5	B		CHITTENDEN
	10	17	7	27.1	36-56.9	121-35.0	5.6	0.6	8	115	1.0	0.03	0.2	0.4	B		CHITTENDEN
	10	18	58	21.2	36-51.7	121-30.1	7.8	0.5	7	116	9.6	0.02	0.2	0.6	B		SAN JUAN BAUTISTA
	10	19	14	29.2	36-49.1	121-28.2	5.2	0.6	6	227	7.5	0.07	1.3	2.0	C		HOLLISTER
	10	21	21	53.6	36-57.2	121-35.3	6.5	0.8	11	85	0.6	0.04	0.2	0.4	A		CHITTENDEN
	10	23	12	42.4	38-42.8	122-44.9	1.2	1.7	8	230	0.7	0.15	5.5	3.2	D		MOUNT ST HELENA
	10	23	47	29.9	36-58.8	121-27.0	5.0	1.2	17	67	8.7	0.11	0.4	2.3	B		SAN FELIPE
	11	0	50	19.2	37-47.9	121-57.6	5.0	1.9	25	43	1.2	0.15	0.4	0.3	B		DIABLO
	11	0	56	45.5	37-47.8	121-57.6	6.7	0.7	10	76	1.2	0.06	0.4	0.2	A		DIABLO
	11	1	47	9.4	37-47.7	121-57.4	6.3	1.0	9	75	0.8	0.08	0.5	0.3	A		DIABLO
	11	5	29	42.2	37-10.4	122-6.9	3.8	1.2	11	101	7.8	0.09	0.4	0.3	B		CASTLE ROCK RIDGE
	11	11	26	24.2	36-27.8	121-4.9	6.0	1.9	22	64	5.2	0.12	0.4	1.2	A		TOPO VALLEY
	11	11	26	24.2	36-27.8	121-4.9	6.0	1.9	22	64	5.2	0.12	0.4	1.2	A		TOPO VALLEY

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	FPZ	Q	QUADRANGLE
JAN	11	14	14	48.9	36-56.8	121-35.2		3.5	1.4	15	78	1.3	0.04	0.2	0.2	A	CHITTENDEN
	11	14	22	47.4	36-56.9	121-35.0		6.4	1.5	16	81	1.0	0.05	0.2	0.4	A	CHITTENDEN
	11	20	13	32.5	37-29.9	121-50.6		7.0	0.6	9	106	3.4	0.14	0.9	1.5	B	CALAVERAS RESERVOIR
	11	21	9	26.2	36-47.1	121-26.3		8.2	1.5	17	43	5.8	0.16	0.6	1.5	B	HOLLISTER
	11	22	44	41.2	36-57.3	121-24.5		11.0	0.8	8	140	9.8	0.13	1.1	2.8	C	SAN FELIPE
	12	7	35	55.9	37-31.7	121-41.2		5.8	1.0	9	115	8.5	0.06	0.4	0.4	B	MENDENHALL SPRINGS
	12	10	56	10.5	36-33.0	121-11.6		7.4	0.7	8	99	2.9	0.15	1.1	2.1	R	RICKMORE CANYON
	12	18	46	50.9	36-56.8	121-35.0		6.1	0.8	9	77	1.2	0.06	0.4	0.6	A	CHITTENDEN
	13	0	31	11.5	36-27.1	121-4.3		7.8	2.2	22	64	6.5	0.13	0.4	1.2	A	TOPO VALLEY
	13	11	27	15.0	37-8.0	121-32.7		4.3	0.6	8	113	7.8	0.08	0.5	0.7	B	MT SIZER
	13	11	28	8.0	36-34.1	121-12.6		7.5	1.2	13	74	2.1	0.04	0.2	0.4	A	RICKMORE CANYON
	13	11	28	18.8	36-34.1	121-12.9		6.9	1.0	8	181	2.4	0.05	0.5	0.6	C	RICKMORE CANYON
	13	11	31	57.7	36-29.1	121-5.8		1.7	2.1	14	83	3.3	0.13	0.5	0.4	A	TOPO VALLEY
	13	12	2	55.8	36-46.1	121-16.7		4.7	0.8	11	88	8.8	0.08	0.4	0.4	B	TRES PINOS
	13	12	44	12.4	37-28.8	121-38.0		1.6	0.6	6	150	12.8	0.02	0.2	0.1	B	MT DAY
	13	14	9	52.7	37-25.1	121-37.2		1.9	0.5	8	139	10.8	0.10	0.7	0.8	B	EYLAR MTN
	13	22	49	10.1	36-57.2	121-35.7		7.3	2.7	40	33	1.2	0.10	0.2	0.5	A	CHITTENDEN
	14	0	14	50.3	36-46.1	121-16.5		5.0	0.9	16	50	8.9	0.08	0.3	0.7	B	TRES PINOS
	14	2	9	40.3	36-37.4	121-8.5		15.4	1.2	10	78	5.5	0.06	0.5	0.5	A	RICKMORE CANYON
	14	4	34	5.4	37-29.9	121-45.3		5.8	2.2	34	86	6.5	0.20	0.6	0.6	B	CALAVERAS RESERVOIR
	14	5	1	9.6	36-53.6	121-24.4		6.5	0.8	13	105	4.1	0.10	0.5	1.3	B	SAN FELIPE
	14	5	38	26.6	36-32.6	121-10.7		7.5	2.2	21	63	3.7	0.08	0.2	0.6	A	RICKMORE CANYON
	14	5	57	24.3	36-29.5	121-6.9		4.1	0.8	8	175	4.1	0.13	1.5	3.7	C	TOPO VALLEY
	14	6	56	34.2	36-32.7	121-10.7		6.4	2.3	21	62	3.5	0.08	0.2	0.3	A	RICKMORE CANYON
	14	7	43	10.2	36-42.9	121-22.3		3.1	1.7	16	78	2.6	0.16	0.7	0.6	B	PAICINES
	14	10	30	40.6	36-31.5	121-9.5		8.6	0.4	6	112	6.2	0.06	0.6	1.5	B	RICKMORE CANYON
	14	16	43	53.8	38-14.6	122-9.5		5.8	1.9	19	82	6.3	0.27	1.1	1.5	B	CORDELIA
	14	19	44	9.6	36-42.6	121-21.9		2.9	1.1	11	80	1.9	0.09	0.5	0.4	A	PAICINES
	14	19	51	50.7	36-21.0	120-48.1		6.9	1.7	7	208	2.9	0.03	0.6	0.7	C	HEPSEDAK PEAK
	14	23	22	10.9	36-56.8	121-34.8		5.4	0.8	10	72	1.3	0.09	0.5	0.9	A	CHITTENDEN
	14	23	25	41.1	36-28.8	121-5.9		5.9	2.2	19	62	3.8	0.13	0.4	1.1	A	TOPO VALLEY
	15	3	13	32.7	36-58.0	121-38.3		4.0	0.4	10	65	4.4	0.07	0.4	0.4	A	WATSONVILLE EAST
	15	8	14	37.3	36-35.1	121-17.6		3.3	1.0	10	76	7.7	0.09	0.6	0.5	B	MT JOHNSON
	15	9	46	43.0	36-47.3	121-30.5		4.7	0.7	10	99	4.2	0.11	0.6	1.2	B	SAN JUAN BAUTISTA
	15	10	26	9.4	36-57.2	121-35.6		6.4	1.7	26	46	1.0	0.06	0.2	0.4	A	CHITTENDEN
	15	10	26	44.1	36-57.2	121-35.7		5.5	1.9	27	42	1.1	0.07	0.2	0.3	A	CHITTENDEN
	15	13	5	1.9	36-49.9	121-18.9		6.6	0.9	14	82	5.9	0.10	0.5	1.6	A	TRES PINOS
	15	13	44	4.9	37-34.1	121-57.5		2.7	0.8	8	112	6.9	0.17	1.2	0.9	B	NILES
	15	14	16	16.0	36-49.8	121-33.7		5.8	1.0	13	78	3.7	0.15	0.8	1.5	B	SAN JUAN BAUTISTA
	15	15	45	3.3	36-33.5	121-3.8		12.2	1.6	19	69	5.0	0.13	0.5	0.8	A	SAN RENITO
	15	20	48	51.6	36-57.0	121-35.1		6.4	1.5	20	59	0.8	0.05	0.2	0.4	A	CHITTENDEN
	16	0	43	24.7	36-33.8	121-3.9		12.1	1.9	22	68	4.7	0.13	0.4	0.7	A	SAN RENITO
	16	1	16	3.1	36-56.9	121-35.1		5.7	1.4	21	40	1.0	0.05	0.2	0.4	A	CHITTENDEN
	16	4	43	23.1	37-19.8	122-8.8		6.3	0.9	10	73	5.0	0.14	0.8	1.8	A	MINDEGO HILL
	16	7	52	17.2	36-34.2	121-4.3		12.1	1.0	9	128	6.6	0.15	1.1	2.0	B	SAN RENITO



## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	FRZ	Q	QUADRANGLE
JAN	16	10	3	43.6	121-34.9	5.6	1.4	18	69	4.3	0.14	0.6	0.6	A	SAN JUAN BAUTISTA
	16	11	13	17.8	121-6.5	4.7	1.9	19	82	4.0	0.15	0.6	1.6	A	TOPO VALLEY
	16	11	54	18.3	121-1.4	8.2	2.2	20	73	3.4	0.15	0.5	1.0	A	TOPO VALLEY
	16	15	32	59.5	121-10.7	7.9	1.9	16	66	3.4	0.07	0.3	0.5	A	RICKMORE CANYON
	16	16	15	22.3	121-1.6	6.9	1.9	20	144	17.6	0.14	0.5	3.2	C	LOS BANOS VALLEY
	16	17	31	26.6	121-3.0	5.9	1.5	12	86	2.8	0.09	0.4	0.8	A	TOPO VALLEY
	16	22	26	43.6	121-11.4	7.5	1.9	16	60	2.4	0.05	0.2	0.3	A	BICKMORE CANYON
	16	23	0	47.2	121-11.4	7.3	2.0	12	67	1.9	0.06	0.3	0.5	A	BICKMORE CANYON
	17	3	7	7.4	121-4.1	6.6	1.5	17	65	5.5	0.10	0.4	1.0	A	TOPO VALLEY
	17	4	53	11.1	121-31.6	6.4	2.0	32	37	4.2	0.17	0.4	0.5	B	SAN JUAN BAUTISTA
	17	12	45	29.5	121-4.2	13.9	1.1	8	169	1.9	0.08	1.3	2.3	C	SAN RENITO
	18	1	7	18.3	121-4.2	6.6	1.5	20	65	5.7	0.10	0.4	0.9	A	TOPO VALLEY
	18	2	6	40.6	121-6.5	5.2	1.5	17	66	3.9	0.11	0.4	0.6	A	TOPO VALLEY
	18	4	24	17.7	120-58.6	10.8	2.1	25	63	6.8	0.18	0.6	0.8	B	LONOAK
	18	8	51	15.6	122-1.9	7.4	1.6	16	62	3.3	0.14	0.5	0.6	A	HAYWARD
	18	8	51	44.6	121-11.8	7.3	0.6	6	103	2.2	0.05	0.6	0.9	B	BICKMORE CANYON
	18	13	3	6.8	121-35.4	6.1	1.4	18	50	1.0	0.05	0.2	0.3	A	CHITTENDEN
	18	16	19	40.8	121-29.8	6.2	1.0	13	96	5.0	0.09	0.4	0.9	B	GILROY HOT SPRINGS
	18	16	32	20.5	121-10.0	9.2	1.1	7	93	3.2	0.13	1.3	2.1	B	BICKMORE CANYON
	18	23	30	58.4	121-29.5	4.5	0.8	13	81	7.7	0.20	1.0	3.9	B	HOLLISTER
	19	1	26	2.6	121-37.9	4.9	1.9	35	83	3.9	0.11	0.3	0.2	A	LICK OBSERVATORY
	19	1	36	34.3	121-31.3	3.8	0.7	8	103	6.7	0.13	0.9	1.3	B	GILROY
	19	2	52	17.7	121-17.5	5.4	0.5	7	119	4.6	0.09	3.1	8.5	C	TRES PINOS
	19	6	10	40.6	121-44.5	5.9	0.9	16	84	4.6	0.14	0.5	1.7	A	MT DAY
	19	7	22	7.4	121-57.8	9.6	0.8	15	79	6.2	0.10	0.6	1.2	A	NILES
	19	9	58	32.0	121-39.2	6.7	0.9	14	53	5.6	0.07	0.3	0.8	A	WATSONVILLE EAST
	19	13	25	33.3	121-3.4	12.9	1.1	12	128	4.4	0.08	0.6	0.6	B	SAN RENITO
	19	13	49	36.5	121-29.1	5.1	0.7	7	114	2.3	0.04	0.4	0.6	B	SAN FELIPE
	19	18	2	51.2	121-0.2	9.6	1.8	18	60	6.5	0.12	0.5	0.8	A	SAN RENITO
	19	18	32	44.3	121-29.7	3.8	1.4	14	52	7.1	0.14	0.4	0.7	A	HOLLISTER
	19	19	23	33.0	121-12.8	7.5	0.6	9	108	2.2	0.03	0.2	0.3	B	BICKMORE CANYON
	20	2	8	6.6	121-11.0	7.9	0.5	6	134	3.5	0.06	0.8	1.2	B	BICKMORE CANYON
	20	3	0	35.5	121-37.8	3.2	1.3	13	65	4.1	0.11	0.5	0.6	A	WATSONVILLE EAST
	20	3	26	27.8	121-11.3	5.9	1.0	9	82	1.9	0.06	0.4	0.7	A	BICKMORE CANYON
	20	7	3	51.2	121-34.7	4.5	0.8	9	103	4.3	0.07	0.4	0.5	B	MT SIZER
	20	11	50	7.8	121-20.0	7.1	1.0	11	91	9.3	0.22	1.2	4.4	B	TRES PINOS
	20	12	20	33.2	121-8.2	8.7	1.1	14	53	5.8	0.24	1.0	2.0	B	RICKMORE CANYON
	20	15	17	19.4	121-24.6	7.4	1.7	24	62	3.5	0.12	0.4	1.0	A	SAN FELIPE
	20	20	7	24.2	121-53.8	4.7	0.6	9	67	2.5	0.14	0.8	0.7	A	NILES
	20	21	48	45.2	122-1.9	5.6	1.3	15	59	2.9	0.13	0.5	0.4	A	LAS TRAMPAS RIDGE
	20	22	22	21.8	121-39.1	4.1	1.2	14	67	5.3	0.09	0.4	0.3	B	LICK OBSERVATORY
	21	1	54	3.5	121-21.0	10.7	1.3	19	56	3.9	0.13	0.5	0.9	A	PAICINES
	21	7	45	34.0	121-5.3	5.9	1.8	23	84	4.6	0.12	0.4	1.0	A	TOPO VALLEY
	21	11	35	13.6	121-9.2	10.0	0.6	8	101	5.4	0.05	0.4	1.0	B	BICKMORE CANYON
	21	12	42	55.6	120-54.2	3.2	1.7	9	84	3.0	0.16	1.0	1.5	B	LONOAK

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JAN	21	14	51	20.9	36-57.1	121-35.5	5.9	5.9	1.5	21	50	1.0	0.04	0.1	0.3	A	CHITTENDEN
	22	0	5	15.2	36-30.7	121-19.7	5.9	5.9	2.0	18	44	5.4	0.12	0.4	1.1	A	PAICINES
	22	1	32	35.5	37-31.3	121-33.3	5.3	5.3	1.3	10	216	10.9	0.17	1.6	0.8	C	CEDAR MTN
	22	5	4	58.1	36-39.1	121-18.1	3.5	3.5	0.6	9	89	3.0	0.09	0.5	0.9	A	PAICINES
	22	5	59	12.5	37-18.3	121-39.5	3.0	3.0	1.7	18	64	5.5	0.10	0.3	0.2	B	LICK OBSERVATORY
	22	9	15	56.5	36-35.0	121-12.3	2.8	2.8	1.1	9	70	1.7	0.06	0.4	0.3	A	BICKMORE CANYON
	22	10	26	6.4	36-35.3	121-14.2	7.9	7.9	1.3	12	74	4.5	0.04	0.2	0.4	A	BICKMORE CANYON
	22	15	3	0.2	36-57.0	121-35.4	6.0	6.0	1.3	13	110	1.0	0.03	0.1	0.2	B	CHITTENDEN
	22	19	1	11.9	36-32.0	121-9.8	7.6	7.6	1.7	16	63	5.2	0.07	0.3	0.6	A	BICKMORE CANYON
	23	1	8	48.8	35-59.5	121-32.8	9.2	9.2	2.1	21	242	7.6	0.28	3.1	1.0	D	***OFFSHORE - CAPE SAN MARTIN**
	23	1	37	58.5	36-21.7	120-26.0	10.9	10.9	3.2	33	118	5.8	0.16	0.6	0.5	B	JOAQUIN ROCKS
	23	6	39	18.4	37-28.7	121-39.5	5.2	5.2	1.1	12	133	12.7	0.18	1.0	0.9	C	MT DAY
	23	12	8	53.2	36-50.8	121-33.3	2.0	2.0	0.6	7	91	5.3	0.05	0.4	0.3	B	SAN JUAN BAUTISTA
	23	13	10	14.5	36-33.0	121-5.9	10.8	10.8	0.7	8	97	4.9	0.13	1.1	2.7	B	SAN RENITO
	23	13	33	52.8	36-32.7	121-5.0	11.8	11.8	0.8	9	111	4.0	0.20	1.8	4.0	B	SAN RENITO
	23	15	15	15.8	38-24.4	122-12.8	6.7	6.7	1.4	9	157	13.6	0.05	0.5	3.1	C	CAPELL VALLEY
	23	15	56	51.3	36-52.3	121-37.1	5.8	5.8	3.0	42	83	2.9	0.15	0.4	0.4	B	SAN JUAN BAUTISTA
	23	21	4	58.2	36-34.1	121-12.1	5.9	5.9	2.3	22	39	1.4	0.08	0.2	0.6	A	BICKMORE CANYON
	24	3	39	53.6	37-2.5	121-44.4	12.5	12.5	1.5	27	40	6.2	0.13	0.4	0.5	A	MT MADONNA
	24	9	27	13.2	36-56.4	121-22.2	5.2	5.2	1.3	13	88	8.3	0.16	0.7	4.5	B	THREE SISTERS
	24	12	44	47.1	36-32.8	121-10.6	6.8	6.8	0.4	6	157	3.5	0.03	0.4	0.5	B	BICKMORE CANYON
	24	12	58	39.6	36-34.2	121-11.0	9.4	9.4	0.7	8	76	0.8	0.10	0.8	1.7	A	BICKMORE CANYON
	24	15	31	23.4	36-27.3	121-3.6	4.9	4.9	1.0	9	120	4.9	0.11	0.8	1.8	B	TOPO VALLEY
	24	18	52	33.5	36-53.4	121-24.6	4.0	4.0	0.8	10	102	9.0	0.10	0.5	0.6	B	SAN FELIPE
	24	19	46	53.1	36-32.6	121-9.2	9.9	9.9	0.8	6	153	4.7	0.01	0.1	0.1	B	BICKMORE CANYON
	24	22	39	44.8	36-27.4	121-2.2	9.0	9.0	1.0	8	102	3.8	0.08	0.6	1.3	B	TOPO VALLEY
	25	2	16	53.0	36-50.0	121-18.9	6.6	6.6	0.9	12	83	5.7	0.08	0.5	1.3	A	TRES PINOS
	25	8	34	52.6	37-27.6	121-47.4	6.9	6.9	0.9	7	95	1.3	0.12	1.2	1.5	B	CALAVERAS RESERVOIR
	25	15	7	23.0	36-17.0	120-52.7	5.0	5.0	1.0	8	107	5.7	0.14	1.0	3.0	B	LONOAK
	25	16	5	21.5	36-27.5	121-2.3	8.3	8.3	1.3	12	72	4.1	0.10	0.5	0.9	A	TOPO VALLEY
	25	20	27	56.2	36-37.9	121-16.5	4.3	4.3	1.8	19	52	3.8	0.09	0.3	0.4	A	PAICINES
	25	22	36	5.7	36-37.1	121-16.2	7.6	7.6	1.6	16	46	3.7	0.05	0.2	0.4	A	MT JOHNSON
	26	0	12	58.6	36-27.8	121-4.4	3.9	3.9	2.2	24	65	5.2	0.14	0.4	0.5	B	TOPO VALLEY
	26	5	36	13.4	36-32.7	121-5.1	5.3	5.3	1.3	13	83	3.9	0.13	0.6	0.7	A	SAN RENITO
	26	9	2	51.5	36-17.3	120-52.8	4.7	4.7	1.0	8	106	5.3	0.12	0.9	2.7	B	LONOAK
	26	10	14	4.5	36-44.0	121-8.9	5.7	5.7	1.4	18	76	7.9	0.08	0.3	0.9	B	CHERRY PEAK
	26	10	42	58.2	36-27.1	121-4.3	8.1	8.1	0.7	10	108	5.6	0.10	0.6	1.3	B	TOPO VALLEY
	26	11	4	36.1	37-21.4	121-43.1	4.3	4.3	0.6	7	78	3.4	0.12	1.3	0.9	B	LICK OBSERVATORY
	26	11	24	25.8	38-30.3	122-25.2	12.7	12.7	1.2	8	154	15.4	0.10	0.9	2.4	C	ST HFLERA
	26	12	13	21.1	36-32.4	121-5.1	6.8	6.8	1.7	19	65	3.4	0.14	0.5	1.1	A	SAN RENITO
	26	12	14	8.9	36-32.5	121-5.1	6.6	6.6	1.4	16	65	3.6	0.16	0.6	1.4	B	SAN RENITO
	26	12	20	31.2	36-31.7	121-3.2	10.5	10.5	0.8	7	205	2.8	0.04	0.6	0.9	C	SAN RENITO
	26	12	53	46.7	36-48.5	121-32.5	6.1	6.1	2.1	30	54	3.0	0.16	0.5	0.7	B	SAN JUAN BAUTISTA
	26	15	11	53.8	37-20.4	121-50.7	5.0	5.0	0.9	12	72	4.2	0.15	0.7	0.6	B	CALAVERAS RESERVOIR
	26	17	43	1.5	37-26.2	121-46.8	3.7	3.7	0.9	10	120	2.3	0.15	1.0	0.5	B	CALAVERAS RESERVOIR

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
JAN	26	22	31	27.0	36-39.8	121-18.3	3.3	0.4	10	59	2.9	0.05	0.3	0.3	A	PAICINES
	26	23	33	37.4	36-21.2	120-57.0	6.8	0.8	7	117	4.7	0.13	1.0	2.5	B	LONOK
	27	1	35	57.7	36-37.2	121-16.3	7.2	1.4	12	57	3.8	0.13	0.7	1.1	A	MT JOHNSON
	27	8	26	17.9	36-47.8	121-32.0	8.0	0.0	8	145	3.6	0.09	1.0	1.2	B	SAN JUAN BAUTISTA
	27	11	50	56.7	37-23.2	121-43.1	5.4	0.8	7	87	4.6	0.07	0.5	0.9	A	MT DAY
	27	13	34	34.8	36-34.5	121-12.3	3.7	1.6	14	66	1.4	0.08	0.3	0.3	A	BICKMORE CANYON
	27	14	11	32.3	35-58.3	120-34.9	2.3	2.0	13	116	10.1	0.15	0.8	0.6	B	STOCKDALE MTN
	27	14	43	17.8	36-34.8	121-12.4	3.7	1.2	8	86	1.7	0.06	0.4	0.4	A	RICKMORE CANYON
	27	16	21	12.5	36-27.0	121-4.1	5.5	1.0	8	116	5.3	0.10	0.8	1.9	B	TOPO VALLEY
	27	19	22	13.7	36-35.3	121-13.9	6.9	2.7	32	28	4.0	0.12	0.3	0.6	A	BICKMORE CANYON
	27	21	47	37.0	37-18.5	121-39.1	4.3	0.8	7	107	6.0	0.05	0.4	0.4	B	LICK OBSERVATORY
	28	1	43	37.3	37-10.4	121-33.4	4.2	1.9	28	125	6.0	0.11	0.3	0.3	B	MT SIZER
	28	4	25	44.9	36-56.9	121-35.0	5.9	1.0	8	130	1.0	0.02	0.2	0.2	B	CHITTENDEN
	28	5	58	32.3	36-28.2	121-4.3	8.0	0.8	7	120	4.4	0.05	0.4	0.8	B	TOPO VALLEY
	28	6	15	21.2	38-5.7	121-55.9	18.9	1.4	10	78	9.5	0.13	1.0	2.1	B	HONKER BAY
	28	7	26	2.7	36-36.3	121-8.1	12.5	1.0	9	59	5.8	0.10	1.0	2.1	B	BICKMORE CANYON
	28	10	10	12.1	36-21.3	121-53.2	10.8	1.7	16	211	17.2	0.09	0.8	0.5	C	POINT SUR
	28	14	53	20.7	36-50.4	121-29.5	7.9	0.9	12	82	7.9	0.07	0.4	1.0	A	HOLLISTER
	28	19	6	49.6	35-59.9	120-36.5	0.9	1.8	10	118	13.4	0.15	1.0	1.4	C	STOCKDALE MTN
	28	21	0	0.3	36-33.3	121-10.3	3.5	0.8	6	194	2.7	0.05	0.7	0.3	C	BICKMORE CANYON
	28	22	40	12.2	36-27.3	121-4.7	8.9	2.3	29	54	6.2	0.16	0.4	0.9	B	TOPO VALLEY
	28	23	2	5.6	36-27.3	121-4.5	8.9	1.4	16	64	6.0	0.10	0.4	1.0	A	TOPO VALLEY
	29	2	29	22.8	36-49.6	121-57.6	13.8	1.5	18	159	20.2	0.11	0.6	0.5	B	***OFFSHORE
	29	2	50	30.2	36-27.3	121-4.7	5.9	1.3	20	62	6.0	0.12	0.4	1.1	B	TOPO VALLEY
	29	4	29	37.6	37-32.0	121-48.5	4.4	0.9	11	72	5.7	0.15	0.9	0.8	B	LA COSTA VALLEY
	29	8	35	44.9	36-38.2	121-11.0	11.4	1.0	16	48	3.3	0.06	0.3	0.4	A	CHERRY PEAK
	29	14	18	41.5	36-29.4	121-48.9	9.7	1.0	8	173	15.4	0.04	0.5	1.3	B	MT CARMEL
	29	21	38	40.4	36-13.3	120-49.2	6.6	1.0	7	106	2.4	0.08	0.8	1.4	B	MONARCH PEAK
	30	0	51	58.9	36-57.0	121-35.5	5.9	1.2	20	57	1.1	0.06	0.2	0.4	A	CHITTENDEN
	30	1	40	47.7	36-56.9	121-35.0	5.4	0.9	10	71	1.0	0.03	0.1	0.3	A	CHITTENDEN
	30	2	20	41.9	36-57.2	121-35.5	5.5	0.4	9	76	0.9	0.03	0.2	0.3	A	CHITTENDEN
	30	2	35	50.2	36-57.0	121-35.4	5.1	1.0	20	58	1.0	0.07	0.2	0.3	A	CHITTENDEN
	30	4	9	9.9	36-2.5	120-38.9	5.5	2.1	11	117	9.9	0.17	1.1	1.1	B	SLACK CANYON
	30	5	31	58.4	36-27.5	121-4.3	4.4	1.0	10	97	5.7	0.06	0.3	1.1	B	TOPO VALLEY
	30	5	54	40.3	36-27.4	121-4.6	7.6	2.2	28	64	6.0	0.12	0.3	0.9	A	TOPO VALLEY
	30	8	47	51.5	36-56.6	121-40.9	8.3	0.7	16	77	1.7	0.06	0.3	0.5	A	WATSONVILLE EAST
	30	8	53	4.9	36-37.9	121-16.1	4.7	0.7	11	54	3.7	0.07	0.3	1.0	A	PAICINES
	30	11	46	47.8	36-55.8	121-1.7	4.8	1.8	17	175	19.6	0.17	1.2	0.7	C	LOS GRANOS VALLEY
	30	22	3	34.7	36-49.1	121-32.9	5.5	0.6	8	84	3.3	0.04	0.3	0.7	A	SAN JUAN BAUTISTA
	31	3	40	43.6	36-39.1	121-18.0	3.4	1.4	14	54	3.0	0.11	0.5	0.5	A	PAICINES
	31	4	2	32.3	36-36.2	121-14.6	6.3	0.9	9	62	3.5	0.05	0.3	0.7	A	BICKMORE CANYON
	31	4	46	13.0	36-36.3	121-13.8	2.7	1.4	12	61	3.3	0.10	0.4	0.4	A	BICKMORE CANYON
	31	7	46	3.6	36-48.4	121-17.8	2.9	1.2	16	76	8.0	0.07	0.3	0.2	B	TRES PINOS
	31	8	8	35.2	36-57.1	121-35.1	5.6	0.7	8	87	0.7	0.02	0.1	0.2	A	CHITTENDEN
	31	11	6	43.9	36-57.0	121-34.9	6.1	1.2	14	59	0.9	0.07	0.3	0.5	A	CHITTENDEN

MONTEREY BAY\*\*\*

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	FRZ	Q	QUADRANGLE
FEB	1	0	5	7.2	36-33.4	121-4.0	13.6	0.6	7	144	5.2	0.12	2.1	4.3	C		SAN RENITO
	1	0	44	51.4	36-37.4	121-16.5	5.2	0.5	9	79	3.3	0.07	0.5	0.9	A		MT JOHNSON
	1	3	27	41.2	36-47.7	121-32.6	8.1	3.5	48	39	2.7	0.17	0.4	0.6	B		SAN JUAN BAUTISTA
	1	3	49	11.4	36-48.0	121-32.1	6.9	0.8	12	71	3.5	0.11	0.6	1.0	A		SAN JUAN BAUTISTA
	1	4	1	59.1	37-37.3	121-44.0	5.2	1.1	10	125	9.0	0.13	0.7	0.6	B		MENDENHALL SPRINGS
	1	4	30	1.3	36-48.0	121-31.8	6.2	0.9	18	67	4.0	0.11	0.4	0.7	A		SAN JUAN BAUTISTA
	1	7	24	43.2	36-50.6	121-26.3	5.5	1.8	34	51	3.2	0.14	0.3	1.1	A		HOLLISTER
	1	9	17	24.3	36-38.6	121-17.5	7.3	1.0	15	50	3.0	0.07	0.3	0.5	A		PAICINES
	1	18	15	7.9	36-48.1	121-32.3	6.6	1.5	23	64	3.3	0.13	0.5	1.0	A		SAN JUAN BAUTISTA
	1	22	23	46.5	36-38.3	121-16.5	4.0	1.0	8	109	3.2	0.01	0.1	0.1	B		PAICINES
	2	1	51	31.2	36-28.2	121-5.3	5.8	1.7	16	77	4.7	0.11	0.4	1.2	A		TOPO VALLEY
	2	9	27	38.8	37-2.1	121-27.8	8.7	1.0	13	123	2.1	0.08	0.4	0.7	B		GILROY HOT SPRINGS
	2	14	6	2.8	36-47.8	121-30.4	3.7	1.2	14	67	5.0	0.10	0.7	0.7	B		SAN JUAN BAUTISTA
	2	19	58	35.0	36-47.0	121-26.4	9.1	0.9	14	59	5.6	0.10	0.5	1.2	A		HOLLISTER
	2	22	15	17.6	36-45.9	121-15.6	10.5	0.8	13	75	8.7	0.11	0.6	1.4	A		TRES PINOS
	2	23	58	5.7	36-47.1	121-26.2	9.0	0.9	16	74	5.9	0.10	0.4	1.1	A		HOLLISTER
	3	1	48	7.4	36-27.3	121-4.6	7.0	1.7	23	62	6.1	0.12	0.4	1.2	A		TOPO VALLEY
	3	10	7	55.4	37-1.1	121-4.1	3.1	1.6	22	207	24.2	0.14	0.8	0.4	C		SAN LUIS DAM
	3	11	46	40.7	36-57.4	121-38.1	4.3	0.9	14	65	3.6	0.09	0.4	0.3	A		WATSONVILLE EAST
	3	12	13	14.0	36-57.8	121-38.0	3.8	1.4	19	44	4.3	0.15	0.5	0.4	A		WATSONVILLE EAST
	3	14	13	19.9	37-8.2	121-31.1	9.1	0.7	9	128	7.8	0.09	0.7	1.4	B		MT SIZER
	3	18	53	43.0	36-31.7	121-9.2	7.4	1.2	13	110	6.2	0.07	0.4	0.9	B		BICKMORE CANYON
	3	19	14	36.1	37-20.0	121-40.8	7.2	2.3	40	74	7.3	0.10	0.3	0.6	B		LICK OBSERVATORY
	3	19	52	20.8	36-26.3	121-2.0	10.9	1.1	11	80	8.8	0.11	0.7	1.7	A		TOPO VALLEY
	3	20	27	37.8	36-37.4	121-15.9	4.1	1.1	11	68	2.6	0.11	0.6	1.0	A		MT JOHNSON
	4	4	26	6.1	36-29.6	121-7.1	2.3	1.0	9	118	4.3	0.11	0.9	0.6	B		TOPO VALLEY
	4	7	23	58.3	36-31.5	121-9.1	6.7	0.6	9	113	6.5	0.08	0.5	1.3	B		BICKMORE CANYON
	4	13	20	11.5	36-51.5	121-35.3	3.7	1.1	11	75	3.0	0.12	0.8	0.7	A		SAN JUAN BAUTISTA
	4	17	53	30.3	36-50.0	121-17.3	8.3	2.0	26	106	5.9	0.12	0.4	1.0	B		TRES PINOS
	4	21	51	47.8	36-10.4	120-46.1	3.0	2.1	10	105	5.1	0.20	1.3	1.0	B		MONARCH PEAK
	5	4	19	51.2	36-32.9	121-10.7	7.1	1.9	18	45	3.1	0.06	0.2	0.5	A		BICKMORE CANYON
	5	4	38	5.6	36-33.0	121-10.8	7.6	0.5	8	88	2.9	0.04	0.3	0.6	A		BICKMORE CANYON
	5	4	57	57.1	36-54.3	121-17.7	4.6	0.7	9	136	2.6	0.15	1.0	1.0	B		THREE SISTERS
	5	14	57	16.2	36-32.3	121-10.2	7.3	2.1	23	42	4.5	0.10	0.3	0.7	A		BICKMORE CANYON
	5	16	24	1.0	36-28.6	121-2.7	5.6	1.3	10	112	4.5	0.07	0.4	0.9	B		TOPO VALLEY
	5	22	31	52.7	37-28.0	121-48.1	5.9	1.1	7	105	1.8	0.12	1.0	1.5	B		CALAVERAS RESERVOIR
	5	22	32	58.8	37-32.6	121-51.2	7.1	0.6	7	116	2.9	0.05	0.5	0.8	B		LA COSTA VALLEY
	5	23	36	17.6	36-31.4	121-6.5	13.0	0.8	8	84	3.3	0.08	0.7	2.1	B		SAN RENITO
	6	0	43	55.6	37-46.3	121-57.2	6.6	0.8	10	76	2.2	0.04	0.2	0.2	A		DIABLO
	6	8	34	31.1	36-27.5	121-4.5	5.9	0.5	10	96	5.8	0.10	0.6	1.5	B		TOPO VALLEY
	6	9	37	22.7	36-38.6	121-16.5	7.8	1.8	20	48	2.6	0.09	0.3	0.5	A		PAICINES
	6	10	42	54.1	36-32.9	121-10.7	7.1	1.4	12	90	3.2	0.05	0.3	0.5	A		BICKMORE CANYON
	6	17	16	16.9	36-1.0	120-52.5	13.4	1.4	7	161	17.2	0.05	0.5	0.6	B		SAN ARDO
	7	6	54	42.1	36-27.3	121-4.6	8.0	2.4	27	64	6.0	0.12	0.4	0.8	A		TOPO VALLEY
	7	9	27	42.3	37-40.5	121-47.2	8.4	0.9	10	129	7.5	0.10	0.6	2.0	B		LIVERMORE

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
FEB	7	9	48	23.9	36-59.8	121-50.8	14.1	0.6	7	211	2.6	0.09	2.4	3.1	C		WATSONVILLE WEST
	7	10	35	5.9	36-34.4	121-12.3	4.8	3.2	41	38	1.4	0.15	0.3	0.4	A		RICKMORE CANYON
	7	15	53	43.7	36-16.2	120-42.0	6.7	2.1	12	86	10.5	0.11	0.6	1.9	B		SAN BENITO MOUNTAIN
	7	16	37	9.9	36-56.9	121-34.9	5.5	0.8	9	72	1.0	0.04	0.2	0.4	A		CHITTENDEN
	7	18	5	58.0	36-20.1	120-55.8	3.6	0.7	7	84	2.2	0.11	0.9	1.7	A		LONOAK
	7	19	4	2.2	36-33.3	121-9.2	10.3	1.1	9	70	3.9	0.09	0.6	1.5	A		BICKMORE CANYON
	7	21	21	15.1	37-43.3	122-8.4	6.7	1.2	13	70	7.0	0.14	0.6	0.7	B		SAN LEANDRO
	7	21	35	9.2	36-56.9	121-35.0	5.4	1.6	17	46	1.1	0.04	0.2	0.3	A		CHITTENDEN
	7	22	27	23.8	36-41.0	121-19.4	3.2	0.9	10	95	3.4	0.12	0.7	0.6	B		PAICINES
	7	22	31	33.5	36-53.1	121-23.9	6.7	0.4	9	87	8.0	0.06	0.4	1.7	B		SAN FELIPE
	8	1	25	49.1	35-53.1	121-28.7	11.8	2.1	7	274	18.8	0.11	6.5	1.0	D		CAPE SAN MARTIN
	8	2	15	50.7	36-56.2	121-33.3	4.6	2.7	37	46	3.5	0.10	0.2	0.2	A		CHITTENDEN
	8	3	38	1.5	36-47.5	121-17.9	5.2	1.0	16	70	8.9	0.10	0.4	2.7	B		TRES PINOS
	8	3	56	7.5	37-44.8	122-8.1	5.8	1.5	21	43	5.3	0.09	0.3	0.4	A		SAN LEANDRO
	8	5	18	47.4	37-20.7	121-41.9	4.8	0.4	6	79	5.4	0.08	0.7	0.6	B		LICK OBSERVATORY
	8	6	0	16.8	35-47.4	120-21.0	5.1	1.9	6	276	4.5	0.02	0.5	0.1	C		CHOLAME VALLEY
	8	6	28	33.8	36-27.2	121-4.3	6.7	1.5	20	64	5.7	0.10	0.4	0.9	A		TOPO VALLEY
	8	8	8	12.7	36-20.8	120-56.8	5.0	1.1	10	67	3.8	0.09	0.5	1.2	A		LONOAK
	8	11	5	41.0	37-51.0	121-51.3	6.6	1.2	10	102	6.2	0.10	0.6	0.6	B		TASSAJARA
	8	12	58	41.6	36-57.8	121-38.1	4.6	1.0	15	65	4.2	0.07	0.3	0.4	A		WATSONVILLE EAST
	8	13	9	19.6	37-42.5	121-56.2	9.7	0.8	9	69	8.7	0.06	0.4	1.1	A		DUBLIN
	8	16	12	32.3	36-57.2	121-35.7	5.7	1.2	15	65	1.1	0.05	0.2	0.5	A		CHITTENDEN
	8	16	56	56.8	37-50.9	121-51.3	7.9	2.0	14	101	6.2	0.20	0.8	1.1	B		TASSAJARA
	8	16	57	59.3	37-51.2	121-51.6	4.0	0.7	9	100	5.8	0.13	0.8	0.4	B		TASSAJARA
	8	17	32	1.2	37-42.4	121-56.0	10.5	1.0	10	68	8.6	0.04	0.2	0.6	A		DUBLIN
	8	17	40	39.8	37-50.9	121-51.2	6.6	1.5	10	103	6.1	0.08	0.4	0.4	B		TASSAJARA
	8	17	44	26.2	37-42.5	121-56.1	10.7	1.2	9	77	8.8	0.08	0.5	1.4	A		DUBLIN
	8	18	10	25.5	37-50.9	121-51.1	6.7	1.0	9	104	6.0	0.05	0.3	0.2	B		TASSAJARA
	8	20	23	4.6	36-17.0	120-52.8	0.3	1.2	8	105	5.6	0.10	0.7	0.9	B		LONOAK
	8	21	1	33.2	36-17.1	120-53.0	0.9	1.0	8	103	5.3	0.14	1.0	1.1	B		LONOAK
	8	22	5	44.4	37-23.3	121-43.8	5.9	3.2	53	84	4.0	0.19	0.4	0.5	B		MT DAY
	9	2	26	23.4	36-34.4	121-12.6	6.4	0.7	9	72	2.0	0.06	0.4	0.7	A		BICKMORE CANYON
	9	4	40	59.3	38-26.2	122-38.1	10.1	0.7	6	101	6.9	0.05	0.6	1.5	B		SANTA ROSA
	9	4	47	18.2	36-33.5	121-11.3	6.2	1.8	17	66	1.8	0.06	0.2	0.5	A		BICKMORE CANYON
	9	7	8	56.0	37-20.7	121-41.9	4.7	0.2	6	79	5.4	0.09	0.9	0.7	B		LICK OBSERVATORY
	9	11	46	59.5	37-51.0	121-51.2	6.7	1.6	12	104	6.3	0.14	0.7	0.6	B		TASSAJARA
	9	12	41	20.2	36-37.8	121-16.8	7.0	0.4	12	53	3.7	0.08	0.4	0.8	A		PAICINES
	9	13	57	11.4	36-33.4	121-8.8	10.8	1.9	17	68	4.3	0.07	0.3	0.4	A		BICKMORE CANYON
	9	15	6	47.1	37-50.8	121-51.5	8.3	2.3	31	99	6.3	0.18	0.5	0.9	B		TASSAJARA
	9	15	50	15.1	36-27.4	121-4.5	7.6	2.2	28	54	6.0	0.13	0.3	0.9	A		TOPO VALLEY
	9	17	57	36.8	37-22.1	121-35.1	7.0	0.9	8	126	5.1	0.11	0.7	1.9	B		ISABEL VALLEY
	9	19	18	24.6	36-32.8	121-5.3	8.2	1.4	19	65	4.2	0.14	0.5	1.1	A		SAN RENITO
	9	20	33	34.2	36-27.4	121-4.4	6.0	1.2	15	96	5.9	0.09	0.4	1.0	B		TOPO VALLEY
	9	20	46	16.7	36-32.4	121-10.1	8.1	0.8	14	75	4.3	0.08	0.4	0.8	A		BICKMORE CANYON
	10	0	7	9.8	36-31.7	121-9.6	9.0	0.9	15	81	5.8	0.09	0.4	0.9	A		BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SFC	LAT	N	LONG	W	DEPTH	MAG	NO.	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
FFB	10	1	6	25.4	37-7.8	121-31.0		7.6	0.9	12	116	7.3	0.06	0.4	0.9	B	MT SIZER
	10	4	57	24.5	36-32.2	121-10.0		8.5	2.4	21	43	4.8	0.11	0.3	0.6	A	BICKMORE CANYON
	10	4	59	24.4	36-32.4	121-9.9		7.2	2.5	17	45	4.5	0.08	0.3	0.7	A	BICKMORE CANYON
	10	5	11	7.3	36-32.2	121-10.0		7.4	1.2	14	70	4.7	0.05	0.3	0.4	A	BICKMORE CANYON
	10	6	2	40.1	37-40.3	121-56.2		5.8	1.4	17	54	4.8	0.10	0.3	0.4	A	DUBLIN
	10	7	35	30.7	36-31.8	121-9.4		7.6	0.5	8	108	5.8	0.07	0.6	1.3	B	BICKMORE CANYON
	10	10	27	40.7	36-32.8	121-10.5		6.2	2.4	20	42	3.4	0.09	0.3	0.4	A	BICKMORE CANYON
	10	15	4	21.0	36-23.5	121-1.1		7.1	2.0	21	62	3.7	0.15	0.5	1.2	B	TOPO VALLEY
	10	16	53	56.9	36-36.4	121-6.6		13.1	2.3	26	69	6.2	0.14	0.5	0.3	A	SAN RENITO
	10	17	21	3.0	37-32.0	121-54.3		6.2	1.9	24	58	3.4	0.15	0.5	0.6	B	NILES
	10	19	43	14.7	37-32.0	121-54.4		5.9	2.1	30	58	3.5	0.15	0.4	0.4	B	NILES
	10	21	14	7.4	36-32.4	121-5.3		7.4	2.0	24	65	3.5	0.17	0.5	1.1	B	SAN RENITO
	10	23	22	3.3	36-43.5	121-22.5		2.6	1.8	17	48	3.3	0.14	0.7	0.6	A	MT HARLAN
	11	4	47	40.4	36-36.1	121-7.7		7.8	0.7	8	75	6.1	0.08	0.6	1.7	A	BICKMORE CANYON
	11	7	14	25.7	38-33.3	121-54.9		5.0	1.6	18	80	15.0	0.27	1.0	0.9	C	HONKFR BAY
	11	10	13	35.2	37-10.6	121-36.2		3.3	0.8	12	98	2.4	0.19	0.9	0.7	B	MT SIZER
	11	16	9	56.9	36-14.6	120-49.4		6.6	1.3	7	181	4.0	0.11	1.5	2.1	C	MONARCH PEAK
	11	16	40	14.9	36-27.9	121-4.6		5.0	0.7	8	112	5.0	0.10	0.7	2.0	B	TOPO VALLEY
	11	18	55	40.7	36-57.0	121-35.0		5.8	0.8	10	68	0.8	0.03	0.2	0.3	A	CHITTENDEN
	11	20	8	28.0	36-32.7	121-10.6		6.8	0.7	9	92	3.5	0.01	0.1	0.2	B	BICKMORE CANYON
	12	3	23	36.8	36-27.2	121-4.4		6.8	1.8	18	76	5.8	0.11	0.4	1.0	A	TOPO VALLEY
	12	6	36	57.7	35-59.2	120-34.5		4.1	1.5	7	144	10.1	0.11	8.0	17.0	D	STOCKDALE MTN
	12	8	35	22.4	36-51.9	121-19.6		9.2	1.8	24	72	2.7	0.11	0.4	0.9	A	TRES PINOS
	12	9	9	22.5	36-27.2	121-4.1		5.3	0.7	8	115	5.5	0.08	0.6	1.6	B	TOPO VALLEY
	12	10	38	53.5	35-55.1	120-28.9		3.5	1.5	6	122	3.1	0.03	0.3	0.2	B	PARKFIELD
	12	15	2	15.7	35-59.7	120-35.4		2.3	1.9	10	144	11.8	0.10	0.8	0.5	B	STOCKDALE MTN
	12	18	25	3.0	37-0.4	121-27.4		7.6	0.4	8	127	3.2	0.04	0.3	0.5	B	GILROY HOT SPRINGS
	12	23	30	35.7	37-30.0	121-3.3		9.4	1.9	16	114	45.5	0.13	0.7	0.8	B	BRUSH LAKE
	13	10	11	9.0	36-0.1	120-35.5		3.9	1.4	9	146	12.3	0.15	8.1	13.6	D	SMITH MTN
	13	11	15	21.5	37-11.4	121-37.1		3.9	0.8	11	101	3.0	0.13	0.7	0.5	B	MT SIZER
	13	13	16	26.5	38-7.7	122-25.3		5.1	1.3	10	83	6.7	0.07	0.4	0.6	B	SEARS POINT
	13	16	15	54.7	36-38.3	121-16.3		5.0	1.4	9	58	4.9	0.09	0.6	1.5	A	PAICINES
	13	19	57	50.6	36-3.7	120-39.9		4.2	2.2	12	116	7.2	0.25	2.6	3.2	C	SLACK CANYON
	13	20	40	21.3	37-7.3	121-31.1		9.2	0.5	7	175	6.9	0.07	0.7	1.6	B	GILROY
	13	21	10	51.6	36-31.2	121-8.1		10.7	1.3	9	87	7.9	0.07	0.5	1.4	A	BICKMORE CANYON
	13	21	49	48.7	36-55.6	121-32.0		5.6	0.6	6	87	2.6	0.00	0.0	0.0	A	CHITTENDEN
	13	21	58	41.9	36-22.0	120-59.1		7.4	1.5	12	81	7.1	0.14	0.7	1.7	A	LONOAK
	13	22	36	18.4	37-53.1	121-49.6		12.6	1.0	7	258	7.7	0.16	6.2	7.2	D	ANTIOCH SOUTH
	14	1	49	16.8	36-43.2	121-24.1		4.4	2.7	34	41	5.3	0.22	0.6	0.7	B	MT HARLAN
	14	4	20	2.3	36-43.2	121-24.3		4.5	3.1	44	42	5.7	0.21	0.5	0.6	B	MT HARLAN
	14	4	24	35.5	36-50.8	121-29.9		5.1	0.9	9	72	7.9	0.09	0.7	3.0	B	HOLLISTER
	14	4	32	8.5	36-29.9	121-7.0		3.3	0.9	9	100	3.9	0.10	0.6	0.7	B	TOPO VALLEY
	14	4	35	37.1	36-29.8	121-6.9		3.6	0.9	9	100	3.9	0.11	0.6	1.1	B	TOPO VALLEY
	14	4	44	19.0	36-27.4	121-4.3		9.3	2.1	15	79	5.9	0.11	0.5	1.0	A	TOPO VALLEY
	14	4	48	54.6	36-36.0	121-14.2		5.4	1.2	10	76	5.1	0.05	0.3	0.7	A	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	VO	GAP	DMIN	RMS	ERH	FRZ	Q	QUAD	PANGLE
FEB	14	8	22	32.9	36-23.8	121-0.5	5.2	1.0	8	103	3.2	0.07	0.5	0.9	B		TOPO VALLEY	
	14	8	59	40.6	36-39.6	121-18.6	3.5	1.2	13	55	3.4	0.11	0.5	0.5	A		PAICINES	
	14	12	49	23.6	36-29.7	121-7.3	2.0	1.0	7	103	4.5	0.05	0.3	0.2	B		TOPO VALLEY	
	14	13	3	25.7	36-29.6	121-7.4	2.0	1.0	9	104	4.5	0.07	0.4	0.3	B		TOPO VALLEY	
	14	13	52	58.0	36-44.5	121-23.8	1.3	2.3	21	50	6.0	0.16	0.6	0.5	B		MT HARLAN	
14	14	44	3.4	36-50.9	121-30.1	7.6	0.8	9	65	7.7	0.13	0.9	3.1	B		SAN JUAN BAUTISTA		
14	14	57	47.0	36-32.7	121-10.5	6.8	1.2	8	92	3.5	0.02	0.2	0.3	B		BICKMORE CANYON		
14	16	57	19.1	36-49.3	121-31.9	1.7	1.4	15	131	4.5	0.20	0.9	0.9	B		SAN JUAN BAUTISTA		
14	23	10	44.6	36-30.9	121-8.4	9.8	1.7	22	54	13.3	0.25	0.8	1.7	B		BICKMORE CANYON		
15	1	9	25.1	36-50.1	121-18.9	7.1	0.6	12	84	5.6	0.09	0.5	1.5	A		TRES PINOS		
15	2	23	42.7	36-43.3	121-22.2	2.1	1.7	18	57	2.7	0.19	0.8	0.7	B		PAICINES		
15	2	37	2.4	36-51.3	121-27.5	2.5	1.6	25	45	4.7	0.12	0.3	0.4	A		HOLLISTER		
15	11	12	49.8	36-6.9	120-13.4	1.4	2.6	9	230	22.8	0.15	2.0		D		AVENAL		
15	18	57	5.0	38-1.2	121-52.9	13.4	1.6	10	89	10.6	0.22	1.6	1.4	B		HONKER BAY		
16	5	15	17.1	36-36.8	121-14.8	3.6	0.8	11	61	5.9	0.10	0.5	0.6	B		BICKMORE CANYON		
16	6	21	47.9	36-30.4	121-7.2	8.2	0.6	10	94	4.0	0.11	0.7	1.5	B		SAN RENITO		
16	7	31	59.9	36-59.8	121-49.8	11.8	1.3	14	90	2.2	0.16	0.9	1.0	3		WATSONVILLE WEST		
16	13	30	2.4	36-48.4	121-9.3	5.8	1.3	14	142	5.9	0.12	0.6	1.6	B		QUIEN SABE VALLEY		
16	15	4	8.0	36-23.3	121-0.1	6.7	1.5	14	73	4.3	0.14	0.6	1.4	A		TOPO VALLEY		
16	16	19	39.3	36-45.2	120-58.6	1.9	0.8	9	257	14.8	0.10	2.6	0.8	D		ORTIGALITA PEAK		
16	18	34	17.4	37-29.1	121-33.7	5.1	1.0	7	199	13.9	0.13	1.4	0.9	C		EYLAR MTN		
17	0	26	45.2	36-37.9	121-17.3	9.9	0.8	12	70	3.1	0.08	0.4	0.8	A		PAICINES		
17	2	32	31.6	36-33.1	121-10.2	10.4	0.6	9	88	3.2	0.13	1.0	2.1	B		BICKMORE CANYON		
17	3	3	23.6	37-50.5	121-59.2	12.4	0.9	12	105	6.6	0.05	0.3	0.6	B		DIABLO		
17	6	12	51.3	36-55.5	121-40.1	9.0	1.6	25	80	1.0	0.07	0.2	0.4	A		WATSONVILLE EAST		
17	7	11	16.9	37-7.0	121-31.0	4.8	2.5	42	61	6.6	0.18	0.4	0.5	B		GILROY		
17	9	43	28.1	36-20.0	120-55.8	5.8	1.1	7	105	2.1	0.13	1.2	2.0	B		LONOK		
17	11	13	38.4	37-32.8	121-51.1	4.7	0.3	9	82	3.4	0.15	0.9	0.7	A		LA COSTA VALLEY		
17	13	39	31.9	37-47.2	122-12.5	7.8	0.6	13	79	3.0	0.15	0.7	1.3	B		OAKLAND EAST		
17	23	17	17.4	36-58.9	121-21.8	4.4	1.5	22	68	3.4	0.19	0.6	0.6	3		THREE SISTERS		
18	2	6	56.5	36-51.2	121-34.2	3.8	1.0	12	82	3.9	0.32	2.0	2.0	B		SAN JUAN BAUTISTA		
18	4	14	30.1	36-27.1	121-4.3	6.0	0.4	9	116	5.6	0.09	0.6	1.5	B		TOPO VALLEY		
18	5	12	31.8	36-30.0	121-28.1	7.9	1.5	19	73	8.6	0.13	0.3	1.5	B		PALO ESCRITO PEAK		
18	7	9	47.7	37-20.7	122-10.5	7.1	0.4	8	131	2.8	0.10	1.1	1.5	B		MINDEGO HILL		
18	7	18	11.2	36-5.7	119-56.3	6.3	2.7	10	275	40.2	0.07	2.5	1.4	D		KETTLEMAN CITY		
18	9	32	54.7	36-46.2	121-16.8	5.0	0.7	15	48	8.8	0.10	0.4	0.7	B		TRES PINOS		
18	15	23	49.1	37-30.1	121-51.5	4.2	1.0	13	88	2.4	0.21	1.1	0.7	B		LA COSTA VALLEY		
18	19	47	52.7	36-56.3	121-36.7	1.0	0.6	7	184	3.2	0.37	3.7	1.7	D		CHITTENDEN		
18	20	18	59.4	36-57.2	121-38.4	4.4	0.7	6	97	3.0	0.04	0.3	0.4	B		WATSONVILLE EAST		
19	2	27	30.1	36-55.4	121-20.1	4.6	1.7	23	85	5.0	0.16	0.5	0.5	B		THREE SISTERS		
19	3	41	23.6	38-30.5	122-44.1	2.5	1.4	8	109	4.7	0.06	0.8	0.7	B		MARK WEST SPRINGS		
19	3	43	27.5	38-30.7	122-43.8	2.5	1.4	7	108	4.4	0.06	0.9	0.9	B		MARK WEST SPRINGS		
19	13	43	13.5	36-33.0	121-7.6	3.8	1.5	11	72	6.2	0.15	0.8	0.8	B		BICKMORE CANYON		
19	13	45	47.4	35-55.3	120-28.8	4.5	1.8	8	93	2.7	0.06	0.4	0.4	B		PARKFIELD		
19	16	43	55.9	37-18.5	121-39.4	4.7	0.6	6	129	5.5	0.06	0.7	0.6	B		LICK OBSERVATORY		

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
FEB	19	22	16	25.2	38-33.3	122-44.1	11.3	1.7	8	124	1.2	0.10	0.9	1.4 B MARK WEST SPRINGS
	19	23	18	41.9	37-28.5	121-37.2	2.7	1.3	10	157	13.5	0.10	0.7	0.8 B EYLAR MTN
	20	3	21	14.4	37-0.3	121-30.8	9.4	1.0	16	51	5.9	0.12	0.6	1.5 A MT MADONNA
	20	3	49	35.1	36-39.5	121-17.7	3.1	0.3	7	104	2.2	0.06	0.5	0.5 B PAICINES
	20	9	26	8.8	36-36.8	121-7.8	9.3	0.8	8	75	6.2	0.10	0.9	2.0 B BICKMORE CANYON
	20	10	20	20.5	37-26.4	121-38.5	6.8	0.6	6	135	13.5	0.02	0.2	1.1 B MT DAY
	20	10	55	16.3	36-36.5	121-11.6	9.4	2.8	33	36	3.8	0.15	0.4	0.7 B BICKMORE CANYON
	20	21	34	54.5	37-3.3	121-28.9	4.7	0.4	6	105	3.3	0.04	0.4	0.9 B GILROY HOT SPRINGS
	20	22	21	54.4	36-16.4	120-51.9	4.9	1.6	7	114	7.4	0.10	0.9	3.8 B HEPSEDAK PEAK
	21	5	4	17.8	37-54.6	121-48.8	9.1	2.1	15	84	8.7	0.21	1.1	2.2 B ANTIOCH SOUTH
	21	5	4	29.7	36-6.4	119-56.7	6.4	2.8	8	281	40.3	0.08	4.0	1.9 D KETTLEMAN CITY
	21	6	33	59.2	37-25.2	121-48.6	2.4	1.4	11	69	3.5	0.18	0.8	0.5 B CALAVERAS RESERVOIR
	21	8	52	23.5	36-30.5	121-6.8	8.6	0.9	10	63	3.4	0.08	0.5	1.2 A SAN RENITO
	21	11	15	43.2	37-11.8	121-36.1	4.2	1.7	19	100	4.3	0.09	0.3	0.3 B MT SIZER
	21	11	20	14.1	36-13.6	120-49.1	5.3	0.5	6	123	2.4	0.07	0.8	1.5 B MONARCH PEAK
	21	11	46	52.9	37-11.8	121-35.9	4.2	1.0	11	102	4.5	0.11	0.5	0.5 B MT SIZER
	21	13	45	24.1	36-43.2	121-22.7	3.0	2.1	17	59	3.3	0.12	0.5	0.5 A MT HARLAN
	21	16	21	11.6	37-23.1	121-42.9	6.7	1.1	12	87	4.6	0.11	0.5	1.4 A MT DAY
	21	21	32	8.9	37-23.1	121-43.0	6.7	0.8	9	87	4.6	0.11	0.7	1.8 A MT DAY
	22	4	32	36.9	37-53.7	121-49.4	7.6	1.3	10	150	8.1	0.23	1.6	2.2 C ANTIOCH SOUTH
	22	6	55	43.3	36-53.7	121-25.0	6.6	0.7	13	66	4.4	0.08	0.4	1.1 A SAN FELIPE
	22	8	16	0.5	36-43.2	121-21.3	16.8	1.2	13	85	1.5	0.09	0.6	1.0 A PAICINES
	22	11	15	23.3	36-33.9	121-5.8	5.9	1.0	8	90	6.4	0.21	1.5	4.6 B SAN RENITO
	22	12	5	21.3	36-14.4	120-49.9	5.8	1.6	9	126	4.3	0.15	1.1	2.3 B MONARCH PEAK
	22	15	47	17.3	37-25.0	121-44.2	3.8	0.8	7	110	6.5	0.07	0.6	0.4 B MT DAY
	22	17	45	55.7	36-1.1	120-37.2	1.6	1.7	7	146	13.5	0.09	0.9	0.4 B SMITH MTN
	22	21	38	3.7	36-40.6	121-20.9	4.9	0.9	9	87	3.7	0.08	0.5	1.0 A PAICINES
	23	0	29	18.2	36-26.9	121-4.2	7.2	2.3	24	64	5.3	0.12	0.4	0.9 A TOPO VALLEY
	23	7	4	10.0	36-30.1	121-7.5	3.3	0.9	8	98	4.5	0.13	0.9	1.6 B BICKMORE CANYON
	23	7	43	48.9	36-30.2	121-7.3	5.6	1.4	12	64	4.2	0.08	0.4	1.0 A SAN BENITO
	23	9	21	7.2	36-55.1	121-35.7	5.6	1.3	10	88	3.7	0.08	0.5	0.9 A CHITTENDEN
	23	14	59	54.1	37-32.1	121-49.1	2.9	0.9	9	112	4.9	0.21	1.4	1.0 B LA COSTA VALLEY
	24	4	16	44.4	36-27.5	121-4.1	1.6	1.3	11	98	5.7	0.12	0.8	0.7 B TOPO VALLEY
	24	4	56	16.8	36-47.6	121-17.7	5.5	1.3	20	70	8.6	0.08	0.3	1.7 B TRES PINOS
	24	5	12	11.2	36-52.7	121-36.2	5.1	1.1	12	93	1.3	0.08	0.4	0.5 B CHITTENDEN
	24	6	13	7.8	36-43.1	121-21.1	14.5	1.4	16	62	1.3	0.09	0.4	0.5 A PAICINES
	24	6	59	13.9	36-32.6	121-4.3	11.8	0.6	6	169	3.6	0.14	2.1	4.0 C SAN RENITO
	24	7	41	23.1	36-27.7	121-4.8	7.4	0.4	6	125	5.4	0.06	0.7	1.6 B TOPO VALLEY
	24	15	18	31.5	36-34.3	121-12.0	5.0	1.2	12	73	1.0	0.06	0.3	0.5 A BICKMORE CANYON
	24	16	58	51.8	36-26.9	121-4.0	7.5	2.1	24	65	5.0	0.12	0.4	0.9 A TOPO VALLEY
	24	20	8	58.9	36-1.8	120-35.3	5.7	1.4	7	175	14.0	0.07	1.4	2.5 C SMITH MTN
	25	3	46	33.7	36-42.9	121-22.0	2.6	2.0	25	52	2.3	0.20	0.6	0.5 B PAICINES
	25	5	55	33.4	37-26.1	121-46.7	7.0	1.5	22	79	2.6	0.14	0.5	1.0 A CALAVERAS RESERVOIR
	25	8	2	2.4	37-22.2	121-42.8	6.3	2.0	33	83	4.0	0.13	0.3	1.1 A LICK OBSERVATORY
	25	8	28.0	38-47.3	122-48.8	4.9	4.9	1.6	7	183	10.1	0.14	3.5	3.5 D THE GEYSERS



## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	EPZ	Q	QUADRANGLE
FEB	25	8	14	49.4	120-52.5	6.0	2.4	9	211	55.3	0.13	2.7	3.3	D	CAYUCOS
	25	8	57	22.5	121-35.7	5.6	2.0	38	33	1.1	0.08	0.2	0.3	A	CHITTENDEN
	25	14	30	16.4	121-12.7	13.4	1.5	18	72	3.8	0.12	0.5	0.7	A	CHERRY PEAK
	26	2	21	25.9	121-6.3	1.6	0.5	6	85	7.3	0.02	0.1	0.6	B	SAN BENITO
	26	6	33	4.6	122-26.2	3.2	1.6	10	221	28.8	0.18	2.3	0.9	C	JERICHO VALLEY
	26	7	19	35.0	121-5.9	9.7	0.5	8	85	6.6	0.09	0.9	2.0	B	SAN RENITO
	26	15	45	3.8	120-36.3	5.8	3.0	18	133	13.3	0.21	1.2	4.5	C	SMITH MTN
	26	15	54	5.6	121-49.0	11.4	1.1	12	146	4.4	0.08	0.4	0.9	B	LIVERMORE
	26	17	7	58.6	121-6.6	3.4	1.5	9	99	3.3	0.09	0.6	0.6	B	TOPO VALLEY
	26	21	54	23.2	122-47.3	1.5	2.1	8	223	11.4	0.17	4.6	1.2	D	THE GEYSERS
	27	2	36	24.7	120-35.4	2.7	2.0	11	136	12.2	0.17	1.4	0.9	C	SMITH MTN
	27	3	46	13.4	121-36.6	3.1	0.9	8	80	2.4	0.10	0.7	0.5	A	CHITTENDEN
	27	9	17	53.3	121-28.9	7.8	1.5	19	45	7.0	0.08	0.3	0.9	A	HOLLISTER
	27	11	2	5.5	121-27.4	6.5	1.3	12	80	5.0	0.09	0.4	0.7	A	HOLLISTER
	27	12	58	16.6	121-27.1	5.5	2.0	18	54	5.3	0.14	0.5	1.0	A	HOLLISTER
	27	13	7	13.8	121-27.3	5.5	1.8	20	57	5.2	0.14	0.4	0.9	A	HOLLISTER
	27	14	51	41.7	121-34.9	5.6	0.9	11	101	1.0	0.03	0.2	0.3	B	CHITTENDEN
	27	21	18	34.5	120-37.5	0.1	1.7	6	171	14.5	0.07	1.3	1.1	C	VALLETON
	27	22	12	26.6	121-0.9	2.9	1.0	8	121	12.6	0.07	0.5	0.6	B	RUBY CANYON
	27	22	14	29.9	121-0.9	3.0	1.3	9	118	12.1	0.09	0.5	0.4	B	PANOCHE PASS
	27	22	44	25.8	121-11.8	7.0	0.4	9	119	1.5	0.02	0.1	0.2	B	BICKMORE CANYON
	27	23	6	19.0	121-35.4	5.8	1.0	14	62	1.0	0.05	0.2	0.4	A	CHITTENDEN
	28	5	40	6.1	121-21.1	4.2	2.3	32	40	2.0	0.19	0.5	0.5	B	PAICINES
	28	7	45	57.5	120-46.6	9.3	1.9	10	145	3.7	0.14	1.0	1.5	C	MONARCH PEAK
	28	7	52	22.5	121-21.0	3.0	2.2	26	61	1.0	0.15	0.5	0.4	B	PAICINES
MAR	28	12	24	28.3	121-48.9	6.3	0.7	8	141	3.7	0.13	1.0	1.4	C	CALAVERAS RESERVOIR
	1	4	57	33.5	122-26.4	5.0	1.9	7	246	29.6	0.12	3.4	17.2	D	JERICHO VALLEY
	1	12	22	32.0	121-35.1	5.4	0.9	10	61	0.9	0.03	0.2	0.3	A	CHITTENDEN
	1	13	1	33.8	122-49.6	3.0	1.9	7	197	10.1	0.09	3.3	0.8	D	THE GEYSERS
	1	19	17	39.4	120-51.6	5.9	1.7	12	95	6.3	0.13	0.7	2.2	B	MERCY HOT SPRINGS
	1	23	27	23.0	121-1.8	4.5	1.2	8	109	11.6	0.06	0.9	1.1	B	RUBY CANYON
	2	0	8	2.3	121-24.7	4.6	0.9	11	71	3.1	0.09	0.4	0.4	A	SAN FELIPE
	2	1	50	10.2	121-33.7	5.9	1.5	21	106	6.0	0.06	0.2	0.3	B	MT SIZER
	2	3	5	25.8	121-12.5	1.3	1.1	9	79	2.2	0.07	0.4	0.5	A	BICKMORE CANYON
	2	4	24	53.0	120-49.4	4.8	0.7	6	120	3.1	0.09	1.0	1.9	B	MONARCH PEAK
	2	8	3	37.4	122-51.4	0.8	1.6	6	169	10.3	0.06	2.0	0.6	C	THE GEYSERS
	2	8	28	24.8	121-38.0	4.7	3.2	53	76	3.9	0.19	0.4	0.3	B	LICK OBSERVATORY
	2	13	2	26.8	121-10.6	7.2	1.4	13	72	3.5	0.06	0.3	0.6	A	BICKMORE CANYON
	2	14	40	8.1	122-35.0	9.1	2.0	9	81	7.3	0.03	0.2	0.5	A	GLEN ELLEN
	2	15	49	39.1	121-33.4	3.1	0.6	10	129	6.5	0.10	0.6	0.5	B	MT SIZER
	2	20	2	38.7	121-36.0	4.4	0.6	6	108	3.3	0.06	0.6	0.4	B	MT SIZER
	2	21	24	29.5	122-7.7	3.1	1.3	13	47	5.4	0.15	0.5	0.5	B	OAKLAND EAST
	2	22	41	17.6	121-41.9	3.4	0.7	7	112	9.9	0.08	0.7	0.6	B	MT DAY
	2	22	54	30.7	121-18.8	11.3	1.0	11	66	3.7	0.09	0.5	0.9	A	PAICINES
	2	23	24	5.4	121-1.2	3.3	2.3	17	88	0.5	0.14	0.6	0.7	A	TOPO VALLEY

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	QUADRANGLE
MAR	3	0	20	52.7	36-32.9	121-7.4	6.4	1.5	13	73	6.0	0.13	0.6	1.3	A	SAN RENITO
	3	0	27	45.2	36-25.3	121-1.5	0.3	1.9	14	57	0.7	0.14	0.6	0.7	A	TOPO VALLEY
	3	7	50	44.6	37-36.1	121-39.8	8.1	0.8	10	135	2.4	0.12	0.9	1.3	B	MENDENHALL SPRINGS
	3	9	19	34.9	36-51.2	121-27.8	3.8	1.2	18	55	5.1	0.11	0.4	0.3	B	HOLLISTER
	3	12	46	0.7	36-17.2	120-53.0	2.4	1.6	11	103	5.1	0.16	0.8	1.4	B	LONOK
	3	14	20	30.9	37-27.8	121-47.8	7.7	1.0	10	89	1.3	0.15	0.8	1.3	A	CALAVERAS RESERVOIR
	3	23	49	13.8	35-60.0	120-52.5	13.0	1.8	10	154	18.3	0.10	0.8	0.7	B	WUNPOST
	4	0	48	48.9	37-45.2	122-7.9	3.1	1.3	11	76	4.9	0.14	0.6	0.4	A	OAKLAND EAST
	4	1	14	27.9	36-41.8	121-21.4	12.5	1.3	10	73	1.9	0.13	0.9	2.0	B	PAICINES
	4	1	56	58.0	36-32.1	121-9.1	10.3	1.6	13	79	5.6	0.08	0.5	1.0	A	BICKMORE CANYON
	4	2	12	9.0	36-25.4	121-1.1	0.4	2.0	10	94	0.1	0.13	0.8	0.4	B	TOPO VALLEY
	4	4	18	38.6	36-57.2	121-35.4	5.8	0.9	10	68	0.7	0.04	0.2	0.4	A	CHITTENDEN
	4	8	26	40.1	36-56.4	121-40.7	9.9	1.2	13	77	2.1	0.06	0.3	0.6	A	WATSONVILLE EAST
	4	9	36	54.5	36-31.7	121-9.8	7.7	1.7	14	63	5.6	0.06	0.2	0.6	A	BICKMORE CANYON
	4	9	39	40.4	36-31.8	121-9.7	8.5	1.1	11	84	5.6	0.04	0.2	0.4	A	BICKMORE CANYON
	4	10	20	11.7	36-51.9	121-14.4	2.1	1.5	12	117	4.2	0.09	0.4	0.3	B	QUIEN SABE VALLEY
	4	17	37	24.0	36-43.2	121-21.4	16.2	1.2	14	60	1.8	0.11	0.6	0.9	A	PAICINES
	4	17	51	1.5	36-35.6	121-14.4	9.6	1.4	17	66	4.9	0.08	0.3	0.6	A	BICKMORE CANYON
	4	19	27	35.6	36-29.2	121-6.2	3.4	1.4	14	72	3.5	0.11	0.5	0.5	A	TOPO VALLEY
	4	19	30	50.4	36-29.0	121-6.1	4.7	1.5	16	78	3.7	0.13	0.5	0.7	A	TOPO VALLEY
	4	20	24	33.9	36-43.2	121-21.3	16.3	1.0	13	79	1.6	0.08	0.5	0.8	A	PAICINES
	4	23	6	17.9	37-12.8	121-34.7	4.5	1.5	14	110	6.9	0.09	0.4	0.4	B	MT SIZER
	5	14	9	21.4	37-21.8	121-43.4	4.7	1.0	10	78	2.9	0.18	1.1	0.6	B	LICK OBSERVATORY
	5	21	23	51.1	36-36.4	121-14.7	4.5	0.6	11	61	6.1	0.05	0.3	0.7	B	BICKMORE CANYON
	5	22	55	13.6	36-44.1	121-25.8	5.3	0.8	15	65	5.8	0.15	0.6	1.5	B	MT HARLAN
	5	23	12	29.1	36-43.9	121-25.8	5.5	0.6	9	125	5.9	0.12	1.0	2.2	B	MT HARLAN
	6	4	41	6.6	36-32.0	121-9.7	5.9	0.7	13	73	5.3	0.16	0.7	1.8	B	BICKMORE CANYON
	6	5	1	44.6	36-40.5	121-20.2	5.1	0.5	14	62	3.8	0.12	0.5	1.1	A	PAICINES
	6	5	2	57.1	36-31.8	121-9.6	7.6	0.4	12	80	5.6	0.06	0.3	0.7	A	BICKMORE CANYON
	6	5	35	29.0	36-31.7	121-9.4	6.8	0.7	11	108	5.9	0.05	0.3	0.7	B	BICKMORE CANYON
	6	7	42	20.6	36-31.8	121-9.7	7.3	0.4	9	106	5.5	0.04	0.3	0.6	B	BICKMORE CANYON
	6	15	15	56.1	36-56.4	121-35.8	4.7	1.2	15	80	2.3	0.06	0.2	0.5	A	CHITTENDEN
	6	15	40	39.1	36-29.0	121-6.9	2.2	1.1	10	111	4.6	0.10	0.7	0.6	B	TOPO VALLEY
	6	19	55	0.3	36-35.7	121-13.8	4.0	0.5	6	130	4.3	0.10	1.1	1.1	B	BICKMORE CANYON
	7	4	26	13.2	36-37.2	121-6.9	14.3	1.1	16	61	4.9	0.09	0.5	0.5	A	SAN BENITO
	7	4	37	1.1	36-51.9	121-20.2	5.6	1.2	21	57	3.3	0.07	0.3	0.7	A	TRES PINOS
	7	4	59	5.3	37-10.2	121-10.2	1.2	1.5	18	194	6.7	0.18	1.1	0.8	C	CREVISON PEAK
	7	13	31	5.4	37-3.3	121-29.2	3.8	0.9	13	83	3.2	0.06	0.3	0.9	A	GILROY HOT SPRINGS
	7	14	54	10.0	36-57.1	121-35.4	5.4	2.3	39	54	0.9	0.08	0.2	0.3	A	CHITTENDEN
	7	15	32	56.7	36-27.8	120-46.1	7.7	1.9	9	161	10.9	0.13	1.3	4.0	C	HERNANDEZ RESERVOIR
	7	18	14	48.6	37-16.3	121-37.8	4.5	1.0	12	95	4.1	0.09	0.5	0.4	B	LICK OBSERVATORY
	7	19	8	6.9	36-56.9	121-34.8	5.6	0.8	8	85	1.1	0.03	0.2	0.3	A	CHITTENDEN
	7	22	38	49.3	36-17.7	120-51.3	6.2	1.2	7	127	7.0	0.12	1.1	2.9	B	HPPSEDAM PEAK
	8	11	5	41.2	36-34.2	121-12.1	4.5	1.1	12	75	1.3	0.06	0.3	0.5	A	BICKMORE CANYON
	8	12	47	21.1	36-33.9	121-6.4	11.1	1.5	14	148	6.7	0.10	0.6	1.1	B	SAN BENITO

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	ERZ	Q	QUADRANGLE
MAR	8	16	27	50.7	37-22.3	121-42.3	6.9	0.6	8	86	4.7	0.12	2.2	B	LICK OBSERVATORY
	8	18	55	15.0	36-38.3	121-17.4	4.3	2.8	30	34	3.4	0.15	0.4	B	PAICINES
	8	18	56	19.0	36-38.5	121-17.4	4.2	2.9	30	31	3.1	0.18	0.5	B	PAICINES
	8	19	10	14.9	36-38.4	121-17.3	4.4	3.1	40	36	3.3	0.19	0.4	B	PAICINES
	9	10	15	13.1	36-36.4	121-5.4	14.4	0.9	7	111	6.1	0.04	0.6	B	SAN BENITO
	9	11	25	21.3	36-56.6	121-41.3	8.3	1.5	17	78	1.3	0.10	0.4	A	WATSONVILLE EAST
	9	15	30	43.5	37-19.7	122-13.3	5.6	0.8	8	60	3.2	0.06	0.4	A	MINDEGO HILL
	9	16	21	11.4	37-19.7	122-13.1	6.6	0.7	6	136	3.1	0.03	0.6	B	MINDEGO HILL
	9	20	36	16.0	36-27.2	121-4.5	5.9	0.9	13	106	6.0	0.10	0.5	B	TOPO VALLEY
	9	23	9	19.4	36-26.0	121-1.8	5.6	1.2	7	118	1.4	0.07	0.6	B	TOPO VALLEY
	10	5	22	39.4	36-34.3	121-12.1	4.6	1.7	16	66	1.1	0.08	0.3	A	BICKMORE CANYON
	10	9	6	38.8	35-44.8	121-13.1	5.4	2.8	26	234	37.7	0.25	1.8	C	SAN SIMEON
	10	9	26	57.9	37-39.8	122-2.7	7.6	0.9	12	83	8.4	0.11	0.5	B	HAYWARD
	10	12	27	28.2	36-34.3	121-12.0	5.3	2.0	21	55	1.1	0.09	0.3	A	BICKMORE CANYON
	10	13	28	32.8	35-59.0	120-34.4	2.4	2.0	10	143	9.8	0.11	0.9	B	STOCKDALE MTN
	10	13	36	27.4	35-59.0	120-34.4	2.5	2.0	10	143	9.9	0.13	1.0	C	STOCKDALE MTN
	10	15	11	7.6	37-8.9	121-31.3	10.4	0.5	9	134	8.8	0.04	0.3	B	MT SIZER
	10	17	32	12.8	36-43.6	121-21.1	15.8	1.4	18	62	2.1	0.14	0.6	A	PAICINES
	10	20	52	58.2	37-2.3	121-28.9	5.9	1.3	18	55	1.4	0.13	0.5	A	GILROY HOT SPRINGS
	10	21	4	5.7	36-48.6	121-16.2	5.4	1.8	25	50	5.8	0.12	0.4	B	TRES PINOS
	10	23	21	8.6	37-17.3	121-38.8	4.6	3.0	52	84	4.1	0.22	0.5	B	LICK OBSERVATORY
	10	23	24	7.8	35-26.3	120-58.8	7.9	2.9	10	220	59.5	0.15	3.7	D	CAVUCOS
	11	3	11	55.0	36-49.4	121-33.8	6.6	1.5	20	81	3.0	0.12	0.5	A	SAN JUAN BAUTISTA
	11	10	37	29.8	36-24.0	121-1.3	8.2	2.3	25	64	2.8	0.13	0.6	A	TOPO VALLEY
	11	10	55	55.4	36-29.3	121-6.1	3.6	1.2	9	105	3.3	0.13	0.8	B	TOPO VALLEY
	11	11	10	31.1	36-29.2	121-6.1	3.3	0.9	9	106	3.4	0.13	0.8	B	TOPO VALLEY
	11	11	28	55.3	36-24.0	121-1.1	7.4	1.1	12	99	2.8	0.11	0.6	B	TOPO VALLEY
	11	12	3	21.5	37-5.5	121-42.4	7.8	0.8	10	78	10.2	0.09	0.5	B	MT MADONNA
	11	12	41	6.5	36-52.9	121-19.3	4.8	0.5	7	131	1.2	0.05	0.6	B	THREE SISTERS
	11	15	29	25.2	35-44.4	121-14.0	7.4	2.2	13	256	38.6	0.10	2.0	C	SAN SIMEON
	11	16	16	56.5	37-44.3	122-33.7	10.4	1.5	15	119	13.6	0.19	0.9	B	***GULF OF THE FARALLONES***
	11	17	8	20.6	37-26.0	121-45.5	4.4	0.5	7	105	4.1	0.15	1.0	B	CALAVERAS RESERVOIR
	11	22	47	41.8	36-37.2	121-15.0	8.9	0.8	11	59	2.0	0.08	0.5	A	BICKMORE CANYON
	12	4	56	42.1	38-12.0	122-10.2	5.3	1.3	11	76	9.8	0.19	1.3	B	CORDELIA
	12	6	15	41.1	37-7.6	121-32.4	5.2	0.9	10	111	8.5	0.08	0.5	B	MT SIZER
	12	7	13	30.1	37-39.1	122-19.9	3.5	0.8	11	165	10.8	0.10	0.8	B	HUNTERS POINT
	12	11	11	25.9	36-54.8	121-16.1	4.9	0.7	12	189	4.9	0.15	1.1	C	THREFF SISTERS
	12	12	41	51.8	37-28.2	121-48.8	5.3	0.9	12	83	2.4	0.18	0.9	B	CALAVERAS RESERVOIR
	12	12	45	28.4	37-19.5	122-15.0	10.1	3.2	41	71	5.2	0.17	0.5	B	LA HONDA
	12	12	47	52.1	37-19.9	122-15.4	9.6	0.6	8	73	5.3	0.05	0.4	A	LA HONDA
	12	13	20	59.5	37-20.1	122-15.6	10.0	0.6	9	77	5.3	0.06	0.4	A	LA HONDA
	12	16	3	52.2	37-0.4	121-42.0	5.4	0.9	13	59	3.4	0.10	0.5	A	MT MADONNA
	12	17	5	28.4	37-1.1	121-28.0	3.8	1.1	15	76	1.8	0.12	0.5	A	GILROY HOT SPRINGS
	12	21	5	11.5	36-2.1	120-39.3	4.2	2.4	14	133	10.1	0.25	1.9	C	SLACK CANYON
	12	21	16	10.2	36-35.2	121-5.7	13.9	0.6	7	85	6.3	0.04	0.6	A	SAN BENITO
	12	21	16	10.2	36-35.2	121-5.7	13.9	0.6	7	85	6.3	0.04	0.6	A	SAN BENITO

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
MAR	12	23	26	15.3	37-22.5	121-43.0	9.1	0.7	8	84	4.0	0.07	0.6	1.1	A	MT DAY	
	13	2	57	2.5	36-2.2	120-38.8	5.2	2.4	13	135	10.5	0.23	1.8	1.3	C	SLACK CANYON	
	13	4	21	49.9	36-34.4	121-12.0	4.1	2.2	26	55	1.0	0.11	0.3	0.5	A	BICKMORE CANYON	
	13	8	51	3.9	36-57.0	121-35.2	5.7	1.3	24	40	1.0	0.08	0.2	0.3	A	CHITTENDEN	
	13	20	3	42.0	37-32.0	121-51.3	12.4	0.4	7	81	2.0	0.15	1.6	3.3	B	LA COSTA VALLEY	
	14	1	5	2.0	36-38.9	121-18.8	8.1	1.3	16	42	4.1	0.09	0.3	0.7	A	PAICINES	
	14	2	38	58.1	37-7.3	121-33.8	5.6	0.5	8	139	7.1	0.03	0.2	0.2	B	GILROY	
	14	5	16	51.7	36-59.5	121-38.6	6.1	0.4	8	115	6.3	0.02	0.2	0.5	B	WATSONVILLE EAST	
	14	7	1	5.6	36-29.7	121-6.4	3.5	1.4	17	68	3.2	0.14	0.5	0.6	A	TOPO VALLEY	
	14	7	14	48.9	36-38.6	121-15.0	8.1	0.7	12	62	1.3	0.10	0.5	0.8	A	CHERRY PEAK	
	14	7	39	45.7	37-3.5	121-30.1	4.8	0.2	7	92	4.0	0.05	0.4	1.2	B	GILROY	
	14	8	57	47.0	36-33.9	121-11.6	5.9	0.8	14	78	1.2	0.03	0.1	0.2	A	BICKMORE CANYON	
	14	11	19	56.4	36-36.4	120-52.2	2.9	0.5	7	141	9.4	0.06	0.5	0.4	B	PANOCHÉ	
	14	12	52	30.5	36-46.0	121-25.7	10.7	0.9	17	44	5.7	0.13	0.5	1.2	A	HOLLISTER	
	14	13	54	26.0	36-32.2	121-9.8	7.4	2.2	26	43	4.9	0.10	0.3	0.7	A	BICKMORE CANYON	
	14	19	7	28.4	37-27.1	121-49.4	3.9	1.2	13	74	2.2	0.16	0.7	0.4	B	CALAVERAS RESERVOIR	
	14	21	14	21.5	36-59.8	121-27.8	3.4	0.7	6	143	3.7	0.06	0.3	0.4	B	SAN FELIPE	
	15	1	8	13.0	37-44.7	121-48.6	10.2	0.9	10	132	2.7	0.06	0.4	0.6	B	LIVERMORE	
	15	1	38	2.2	37-44.4	121-48.5	9.8	0.8	9	133	2.6	0.03	0.2	0.4	B	LIVERMORE	
	15	12	42	22.6	37-51.5	122-0.4	6.6	0.8	11	190	6.7	0.07	0.5	0.3	C	LAS TRAMPAS RIDGE	
	16	4	3	44.9	37-1.3	121-7.1	8.4	0.8	17	47	2.0	0.12	0.7	1.0	A	SAN LUIS DAM	
	16	6	39	14.1	38-3.7	121-54.2	17.3	1.3	19	86	9.3	0.24	1.2	2.0	B	HONKER BAY	
	16	12	29	54.8	36-34.2	121-12.0	4.8	0.8	14	75	1.1	0.06	0.3	0.5	A	BICKMORE CANYON	
	16	14	22	49.3	36-56.9	121-19.4	5.2	1.0	14	90	7.3	0.13	0.6	2.3	B	THREE SISTERS	
	16	16	24	20.9	37-1.1	121-43.7	9.7	3.0	54	43	4.2	0.15	0.3	0.4	B	MT MADONNA	
	16	20	41	56.4	37-19.3	121-39.9	5.0	0.6	9	71	7.1	0.08	0.5	0.4	B	LICK OBSERVATORY	
	17	0	29	36.4	36-33.2	121-10.9	3.4	2.5	30	44	2.5	0.14	0.4	0.3	A	BICKMORE CANYON	
	17	5	16	12.9	37-1.0	121-42.9	9.3	1.2	23	47	3.9	0.12	0.4	0.9	A	MT MADONNA	
	17	5	23	10.8	36-52.1	121-35.6	4.5	0.4	7	114	1.9	0.12	1.2	0.8	B	SAN JUAN BAUTISTA	
	17	5	46	28.7	36-34.6	121-8.5	8.7	1.2	17	62	4.3	0.11	0.4	0.9	A	BICKMORE CANYON	
	17	6	21	9.2	37-0.8	121-42.8	9.0	1.7	30	48	3.6	0.10	0.3	0.5	A	MT MADONNA	
	17	8	4	17.7	36-14.2	120-48.8	5.9	0.7	9	145	2.9	0.16	1.1	2.1	C	MONARCH PEAK	
	17	8	26	29.9	36-28.7	120-39.1	14.4	1.7	9	176	18.9	0.21	2.4	1.4	C	IDRIA	
	17	8	43	23.1	37-33.5	121-40.6	6.3	1.3	11	111	5.4	0.18	1.0	1.1	B	MENDENHALL SPRINGS	
	17	9	56	57.8	37-1.8	121-6.8	7.6	1.9	37	71	1.9	0.16	0.6	0.7	B	SAN LUIS DAM	
	17	15	8	46.6	36-33.8	121-5.5	13.4	0.7	7	104	6.1	0.03	0.4	1.0	B	SAN RENITO	
	17	20	4	29.3	36-55.1	121-29.0	5.6	0.4	6	83	2.2	0.05	0.5	0.9	A	SAN FELIPE	
	17	20	16	21.5	36-55.2	121-28.4	4.0	1.1	11	80	3.1	0.06	0.3	0.3	A	SAN FELIPE	
	17	20	19	23.7	36-55.2	121-28.5	4.8	0.5	9	80	3.0	0.07	0.4	0.9	A	SAN FELIPE	
	17	22	9	53.8	36-34.9	121-15.1	5.9	1.8	24	51	5.7	0.10	0.3	0.7	A	MT JOHNSON	
	17	22	25	27.2	37-5.7	121-30.0	8.6	0.5	6	172	4.7	0.03	0.4	0.8	B	GILROY	
	18	1	35	16.9	36-43.1	121-24.3	7.4	1.8	21	54	5.7	0.14	0.5	1.1	A	MT HARLAN	
	18	4	11	21.7	36-56.3	121-26.0	1.7	1.7	17	73	5.8	0.10	0.3	0.3	B	SAN FELIPE	
	18	4	37	28.8	36-33.4	121-10.9	4.1	0.8	7	128	2.2	0.01	0.1	0.1	B	BICKMORE CANYON	
	18	5	49	4.3	36-43.1	122-2.8	6.0	1.4	14	213	17.5	0.12	1.2	1.7	C	***OFFSHORE - MONTEREY BAY***	

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
MAR	18	6	19	1.0	36-27.8	121-4.8	4.6	4.6	1.3	13	79	5.2	0.09	0.4	1.4	B	TOPO VALLEY
	18	7	5	20.0	36-37.5	121-7.9	13.9	13.9	0.8	10	73	5.2	0.09	0.7	1.3	A	BICKMORE CANYON
	18	7	5	27.8	36-38.1	121-8.0	15.8	15.8	0.9	9	96	4.5	0.11	1.6	2.1	B	CHERRY PEAK
	18	7	5	37.1	36-37.5	121-7.4	14.6	14.6	1.2	13	65	4.7	0.15	0.9	1.5	A	PANOCH PASS
	18	8	48	32.4	36-56.5	121-33.7	5.9	5.9	1.0	7	83	2.7	0.04	0.3	0.5	A	CHITTENDEN
	18	9	59	59.5	36-29.0	120-39.1	11.8	11.8	3.0	33	180	19.3	0.15	0.7	0.5	C	IDRIA
	18	10	54	38.6	36-33.5	120-56.7	10.2	10.2	2.3	22	101	8.0	0.15	0.5	1.2	B	LLANADA
	18	15	8	20.9	36-34.3	121-5.6	14.5	14.5	0.7	7	97	6.4	0.04	0.6	1.5	B	SAN RENITO
	18	17	49	27.1	37-37.5	121-45.1	7.9	7.9	1.5	8	141	10.7	0.08	0.6	2.9	C	LIVERMORE
	18	18	43	50.8	36-19.6	121-49.3	10.1	10.1	2.3	22	187	11.6	0.13	0.7	0.7	C	BIG SUR
	19	3	40	37.8	36-32.1	121-9.8	3.5	3.5	1.0	7	165	5.1	0.02	0.3	0.2	B	BICKMORE CANYON
	19	13	6	13.0	36-32.9	121-10.9	7.5	7.5	1.5	16	66	3.1	0.07	0.3	0.6	A	BICKMORE CANYON
	19	14	55	43.4	37-20.1	122-12.0	9.2	9.2	1.2	17	53	2.1	0.13	0.6	0.9	A	MINDEGO HILL
	19	15	11	59.3	37-26.4	121-46.2	8.3	8.3	0.8	10	81	2.9	0.13	0.8	1.4	A	CALAVERAS RESERVOIR
	19	15	51	21.4	36-34.7	121-13.2	9.1	9.1	1.0	12	69	2.8	0.07	0.4	0.6	A	BICKMORE CANYON
	19	18	58	22.5	37-6.1	121-30.0	8.0	8.0	1.3	25	105	4.8	0.15	0.5	1.1	B	GILROY
	19	23	58	49.8	36-34.2	121-13.0	7.2	7.2	0.8	8	109	2.6	0.05	0.4	0.7	B	BICKMORE CANYON
	20	2	41	24.7	36-56.2	121-33.2	4.9	4.9	0.8	9	68	3.5	0.05	0.3	0.6	A	CHITTENDEN
	20	7	54	51.0	37-3.7	121-28.4	10.1	10.1	1.0	14	81	4.0	0.08	0.4	0.7	A	GILROY HOT SPRINGS
	20	9	22	22.5	36-32.7	121-4.9	7.6	7.6	1.0	13	85	3.9	0.18	0.9	1.9	B	SAN BENITO
	20	10	24	34.4	37-12.7	121-35.2	4.0	4.0	1.5	24	106	6.4	0.11	0.3	0.3	B	MT SIZER
	20	18	25	58.1	38-21.0	122-37.7	6.6	6.6	1.0	7	76	6.1	0.01	0.1	0.3	A	COTATI
	20	20	1	2.2	37-1.7	121-6.7	7.7	7.7	1.4	26	50	1.7	0.14	0.6	0.8	A	SAN LUIS DAM
	21	2	34	45.0	37-35.4	121-48.9	4.1	4.1	1.0	9	94	9.0	0.14	0.8	0.7	B	LA COSTA VALLEY
	21	6	47	33.8	38-6.4	122-1.2	17.8	17.8	1.2	10	95	8.8	0.08	0.7	1.4	B	PORT CHICAGO
	21	7	1	49.0	36-28.5	121-5.2	4.2	4.2	0.4	8	114	4.1	0.08	0.5	1.5	B	TOPO VALLEY
	21	11	56	24.0	36-59.4	121-27.0	3.5	3.5	1.1	15	100	4.5	0.22	0.9	0.9	B	SAN FELIPE
	21	12	3	31.9	37-35.4	121-57.8	6.3	6.3	1.4	25	53	9.5	0.16	0.5	0.7	B	NILES
	21	12	48	33.4	36-49.5	121-25.8	6.9	6.9	0.9	11	62	4.0	0.07	0.3	0.8	A	HOLLISTER
	21	13	11	54.4	36-28.8	121-6.3	1.8	1.8	1.1	9	147	4.2	0.10	0.7	0.5	B	TOPO VALLEY
	21	19	35	40.7	36-0.0	120-35.9	4.3	4.3	1.6	10	145	12.7	0.10	0.9	0.8	B	SMITH MTN
	21	21	16	3.4	38-42.5	122-43.2	4.7	4.7	3.2	13	156	17.5	0.18	2.7	3.3	C	MOUNT ST HELENA
	21	22	49	39.4	37-35.5	121-57.9	6.0	6.0	2.1	34	53	9.3	0.16	0.4	0.6	B	NILES
	21	22	50	51.8	37-35.1	121-58.2	6.5	6.5	0.4	7	121	11.2	0.11	1.2	1.1	B	NILES
	22	3	29	9.1	36-25.9	121-2.6	3.9	3.9	1.0	10	84	2.4	0.07	0.4	0.7	A	TOPO VALLEY
	22	4	48	11.7	36-37.9	121-16.5	5.9	5.9	0.7	12	54	3.2	0.11	0.5	1.0	A	PATCINES
	22	6	46	1.2	36-32.8	121-10.7	7.7	7.7	1.0	18	62	3.4	0.06	0.2	0.5	A	BICKMORE CANYON
	22	6	47	57.8	36-32.8	121-10.7	8.8	8.8	1.3	18	62	3.4	0.06	0.2	0.6	A	BICKMORE CANYON
	22	9	39	36.7	36-38.8	120-53.8	6.7	6.7	1.5	15	88	9.5	0.14	0.6	2.3	B	CERRO COLORADO
	22	9	40	2.2	36-38.6	120-53.6	7.6	7.6	0.9	11	128	9.3	0.13	0.8	2.3	B	CERRO COLORADO
	22	14	14	17.4	37-1.8	121-6.9	9.1	9.1	1.7	27	77	2.0	0.12	0.5	0.5	A	SAN LUIS DAM
	22	16	21	59.9	36-37.4	121-7.8	13.8	13.8	1.7	22	53	5.2	0.10	0.4	0.4	A	BICKMORE CANYON
	22	17	20	54.1	37-1.1	121-6.8	8.2	8.2	1.3	18	59	1.6	0.11	0.6	0.9	A	SAN LUIS DAM
	22	19	14	8.3	36-37.2	121-16.2	7.3	7.3	1.3	16	57	3.2	0.10	0.4	0.8	A	MT JOHNSON
	22	20	12	10.2	36-37.0	121-11.7	10.7	10.7	0.8	7	83	4.5	0.09	1.0	1.8	B	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
MAR	23	0	17	12.3	36-30.2	121-7.6	4.3	1.6	14	49	4.6	0.10	0.4	1.5	A	BICKMORE CANYON	
	23	1	3	48.2	37-23.5	121-43.6	2.7	1.2	10	86	4.4	0.11	0.6	0.4	A	MT DAY	
	23	3	36	54.1	36-57.2	121-35.4	5.8	0.9	11	75	0.7	0.03	0.2	0.3	A	CHITTENDEN	
	23	9	5	16.3	37-27.6	121-49.0	5.0	1.1	10	82	1.9	0.21	1.2	1.0	B	CALAVERAS RESERVOIR	
	23	13	31	35.1	37-19.7	121-40.3	3.0	0.9	9	88	7.8	0.09	0.4	0.3	B	LICK OBSERVATORY	
	23	14	11	59.3	36-31.9	121-8.6	4.8	1.2	11	81	6.4	0.18	0.9	2.9	B	BICKMORE CANYON	
	23	15	43	9.8	36-30.2	121-8.0	4.4	1.1	8	145	5.2	0.03	0.3	0.7	B	BICKMORE CANYON	
	24	1	37	15.1	37-8.0	122-18.5	11.2	2.9	47	184	8.1	0.17	0.7	0.4	C	FRANKLIN POINT	
	24	3	15	53.9	36-39.3	121-18.0	4.1	1.3	14	54	2.8	0.08	0.3	0.7	A	PAICINES	
	24	12	8	14.9	36-29.2	121-5.6	1.9	1.3	10	103	3.1	0.12	0.6	0.4	B	TOPO VALLEY	
	24	12	18	1.4	37-32.6	121-50.3	8.7	0.6	10	115	3.8	0.13	0.8	1.3	B	LA COSTA VALLEY	
	24	16	57	8.9	37-32.6	121-50.5	6.5	3.4	56	64	3.5	0.18	0.4	0.5	B	LA COSTA VALLEY	
	24	16	59	7.8	37-33.1	121-50.0	4.8	1.3	8	88	4.7	0.14	0.9	0.8	A	LA COSTA VALLEY	
	24	17	1	5.1	37-32.9	121-49.9	6.9	0.8	8	118	4.6	0.16	1.2	2.3	B	LA COSTA VALLEY	
	24	17	2	12.1	37-33.0	121-50.2	6.2	0.9	7	118	4.4	0.13	1.1	2.2	B	LA COSTA VALLEY	
	24	17	4	52.9	37-33.2	121-50.1	6.1	0.5	7	120	4.9	0.18	1.5	3.1	B	LA COSTA VALLEY	
	24	17	7	5.1	37-33.4	121-50.2	6.3	0.7	8	122	5.0	0.15	1.1	2.3	B	LA COSTA VALLEY	
	24	17	15	41.5	37-33.4	121-50.1	6.8	0.6	7	122	5.1	0.17	1.4	2.7	B	LA COSTA VALLEY	
	24	17	20	37.1	37-32.9	121-50.1	5.4	1.7	17	74	4.4	0.17	0.7	0.7	B	LA COSTA VALLEY	
	24	18	1	25.2	37-32.6	121-49.3	4.2	0.9	7	116	5.0	0.12	1.2	1.3	B	LA COSTA VALLEY	
	24	19	59	25.9	38-35.1	122-23.4	12.2	1.9	6	221	20.2	0.04	0.7	2.0	C	ST HELENA	
	24	22	10	19.6	37-33.0	121-49.8	6.0	0.8	6	119	4.8	0.18	1.8	4.2	B	LA COSTA VALLEY	
	24	23	50	35.6	37-42.5	122-7.7	8.7	2.8	48	51	6.6	0.15	0.3	0.5	B	SAN LEANDRO	
	25	8	2	53.9	36-32.1	121-8.8	9.5	0.8	7	103	5.9	0.02	0.2	0.5	B	BICKMORE CANYON	
	25	9	57	15.9	37-32.6	121-50.0	8.3	0.5	7	115	4.1	0.08	0.7	1.1	B	LA COSTA VALLEY	
	25	10	50	26.2	36-31.3	121-0.7	6.4	1.2	8	171	5.8	0.20	2.0	5.3	C	SAN RENITO	
	25	16	37	37.1	37-33.5	121-50.1	8.0	0.7	8	167	5.3	0.15	1.3	1.3	C	LA COSTA VALLEY	
	25	19	47	29.2	35-58.2	120-34.0	1.9	1.4	6	154	8.7	0.06	0.8	0.6	B	STOCKDALE MTN	
	25	19	57	3.8	36-53.7	121-15.8	3.8	0.8	8	155	4.2	0.14	1.1	3.6	C	THREE SISTERS	
	25	20	34	25.1	36-51.9	121-25.4	5.3	2.3	36	48	1.8	0.13	0.3	0.7	A	HOLLISTER	
	25	23	13	2.3	37-26.1	121-46.5	6.6	1.1	16	80	2.8	0.15	0.7	1.4	B	CALAVERAS RESERVOIR	
	25	23	20	23.0	36-31.7	121-7.5	4.7	1.9	14	79	4.8	0.13	0.5	1.6	A	SAN RENITO	
	25	23	48	22.2	36-31.7	121-7.5	5.0	1.7	11	82	4.6	0.17	0.9	2.6	B	SAN RENITO	
	26	9	3	56.3	36-12.1	120-48.5	4.5	1.7	8	105	1.9	0.20	1.8	2.8	B	MONARCH PEAK	
	26	9	49	22.7	35-58.7	120-24.9	4.6	1.6	6	188	6.4	0.05	1.0	1.7	C	PARKFIELD	
	26	10	2	22.5	35-58.3	120-25.0	5.3	1.4	6	184	6.0	0.04	0.6	1.7	C	PARKFIELD	
	26	10	28	46.2	36-22.6	120-58.5	2.5	1.3	11	71	6.6	0.14	0.9	0.8	B	ROCK SPRING PEAK	
	26	10	28	56.1	38-35.6	121-56.9	11.3	2.4	12	211	2.3	0.19	2.4	1.4	C	WINTERS	
	26	12	49	25.0	36-35.0	121-12.4	2.8	1.3	12	70	1.8	0.06	0.3	0.2	A	BICKMORE CANYON	
	27	2	26	19.4	37-22.6	121-37.7	2.9	0.8	8	112	4.1	0.14	0.9	0.8	B	MT DAY	
	27	5	54	41.0	37-29.0	121-50.2	5.0	1.1	12	64	4.9	0.26	1.3	1.1	B	CALAVERAS RESERVOIR	
	27	8	46	58.3	37-25.9	121-46.1	3.6	0.6	7	127	3.5	0.14	1.2	0.6	B	CALAVERAS RESERVOIR	
	27	10	56	46.5	36-32.5	121-7.4	6.2	1.5	8	162	7.0	0.20	1.7	4.5	C	SAN RENITO	
	27	21	13	26.4	36-42.5	121-22.4	2.9	1.5	18	51	2.7	0.16	0.6	0.6	B	PAICINES	
	27	21	17	31.9	36-42.7	121-22.2	3.2	1.3	17	52	2.4	0.15	0.7	0.6	B	PAICINES	

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUAD	PANGLE
MAR	28	5	32	24.8	37-32.4	121-50.9	5.8	1.2	13	69	2.8	0.08	0.4	0.4	A		LA COSTA VALLEY	
	28	7	52	20.3	36-34.2	121-5.6	16.8	0.8	6	291	8.6	0.03	0.9	1.2	C		SAN RENITO	
	28	11	36	44.4	37-2.5	121-24.2	3.9	0.7	10	102	6.5	0.07	0.4	0.8	B		GILROY HOT SPRINGS	
	28	12	41	15.0	36-56.9	121-34.9	5.6	1.1	11	60	1.1	0.03	0.1	0.3	A		CHITTENDEN	
	28	14	50	50.1	36-33.6	121-6.1	5.4	0.9	9	90	7.7	0.07	0.4	0.3	B		SAN RENITO	
	28	19	59	12.8	36-37.1	121-16.1	7.6	2.0	21	58	3.2	0.13	0.4	0.7	A		MT JOHNSON	
	29	1	2	30.8	36-39.1	121-17.3	3.4	0.9	12	79	2.1	0.07	0.3	0.3	A		PAICINES	
	29	2	2	12.6	37-53.1	122-24.5	10.9	1.4	13	101	3.2	0.11	0.6	0.7	B		SAN GUENTIN	
	29	3	48	26.6	35-59.3	120-34.1	0.9	2.6	14	135	9.7	0.24	1.6	1.7	B		STOCKDALE MTN	
	29	3	58	20.0	35-59.0	120-34.3	3.2	1.8	11	132	9.7	0.16	1.2	0.6	B		STOCKDALE MTN	
	29	5	6	25.4	38-30.3	122-43.3	3.7	1.8	11	109	5.1	0.16	0.8	1.3	B		MARK WEST SPRINGS	
	29	6	35	59.6	37-23.0	121-45.4	3.8	1.3	12	77	2.7	0.15	0.7	0.4	B		CALAVERAS RESERVOIR	
	29	8	43	5.2	36-34.6	121-12.1	3.7	1.2	15	65	1.2	0.09	0.4	0.4	A		BICKMORE CANYON	
	29	10	25	45.7	36-29.7	121-7.3	2.9	1.4	15	50	4.5	0.12	0.6	0.6	A		TOPO VALLEY	
	29	10	50	0.9	36-35.3	121-14.0	7.9	1.3	13	74	4.3	0.05	0.2	0.5	A		BICKMORE CANYON	
	29	17	37	57.3	36-54.9	121-35.2	4.4	0.6	9	86	3.5	0.17	1.0	2.5	B		CHITTENDEN	
	29	17	38	4.7	36-55.1	121-35.4	4.8	1.4	12	76	3.7	0.07	0.3	0.8	A		CHITTENDEN	
	29	20	53	10.2	36-35.3	121-13.1	4.7	1.4	14	65	3.1	0.06	0.3	0.5	A		BICKMORE CANYON	
	30	0	25	47.1	36-34.1	121-11.9	5.8	2.0	23	56	1.1	0.07	0.2	0.3	A		BICKMORE CANYON	
	30	2	44	15.8	36-41.0	121-20.0	3.3	1.2	13	66	3.1	0.10	0.5	0.5	A		PAICINES	
	30	17	28	25.2	37-6.7	121-31.3	6.3	0.6	8	163	6.9	0.10	0.9	1.3	B		GILROY	
	30	17	49	45.4	36-15.6	120-51.7	2.3	1.3	6	112	7.8	0.09	1.5	2.3	C		HEPSEDA PEAK	
	30	19	16	50.7	35-38.7	121-4.5	11.1	1.9	7	247	49.4	0.08	1.9	0.9	C		PEBBLESTONE SHUTTIN	
	30	23	21	57.2	37-32.7	121-46.2	6.0	0.9	7	81	9.3	0.02	0.2	0.2	B		LA COSTA VALLEY	
	30	23	26	37.4	36-32.4	121-10.2	6.7	1.5	16	75	4.2	0.07	0.3	0.6	A		BICKMORE CANYON	
	31	0	7	24.9	36-32.3	121-10.1	7.3	1.4	16	70	4.5	0.06	0.3	0.6	A		BICKMORE CANYON	
	31	1	15	6.8	37-27.4	121-34.5	6.1	1.3	12	170	12.4	0.17	1.0	1.3	C		EYLAR MTN	
	31	9	29	7.5	36-30.3	121-6.6	9.4	1.2	14	89	3.1	0.10	0.5	0.9	A		SAN RENITO	
	31	16	43	3.1	38-18.7	122-34.5	4.4	1.3	8	64	6.0	0.07	0.5	2.1	B		GLEN ELLEN	
	31	23	6	17.8	36-57.1	121-35.8	5.1	3.4	55	32	1.3	0.18	0.3	0.4	B		CHITTENDEN	
APR	31	23	9	14.7	36-57.2	121-35.7	4.1	2.2	34	32	1.2	0.12	0.3	0.2	A		CHITTENDEN	
	1	2	43	15.5	36-56.9	121-35.6	3.7	1.2	15	75	1.4	0.12	0.4	0.5	A		CHITTENDEN	
	1	3	31	37.9	36-27.6	121-5.0	7.5	1.7	20	93	5.6	0.10	0.4	0.9	B		TOPO VALLEY	
	1	6	45	53.9	37-5.7	121-43.4	10.2	1.3	16	65	3.5	0.08	0.3	0.7	A		MT MADONNA	
	1	6	55	20.2	37-39.2	122-1.8	3.9	1.2	16	75	9.9	0.10	0.3	0.3	B		HAYWARD	
	1	7	17	54.1	36-56.9	121-35.3	3.5	1.0	11	60	1.1	0.09	0.4	0.3	A		CHITTENDEN	
	1	11	19	43.8	36-56.9	121-35.3	4.9	1.8	24	42	1.1	0.12	0.3	0.4	A		CHITTENDEN	
	1	13	26	8.7	36-56.6	121-35.4	3.5	0.8	11	68	1.7	0.10	0.5	0.4	A		CHITTENDEN	
	1	22	19	6.7	36-23.1	121-1.2	8.2	1.3	12	146	4.5	0.12	0.8	1.3	B		TOPO VALLEY	
	2	6	51	8.4	36-50.7	121-17.8	4.9	1.0	12	99	4.5	0.10	0.5	1.6	B		TRES PINOS	
	2	11	32	30.0	36-33.6	121-18.0	9.7	1.8	21	62	5.8	0.10	0.4	0.6	A		MT JOHNSON	
	2	16	19	18.7	37-29.3	121-40.8	5.6	2.3	36	75	1.3	0.19	0.5	0.6	C		MT DAY	
	3	1	10	17.5	37-23.1	121-43.1	8.5	0.7	8	87	4.4	0.11	0.6	1.6	A		MT DAY	
	3	2	24	53.8	36-34.9	121-13.5	9.0	0.7	8	85	3.3	0.03	0.2	0.4	A		BICKMORE CANYON	
	3	3	17	37.1	36-58.0	121-21.9	3.1	0.7	7	116	3.7	0.07	0.5	0.4	B		THREE SISTERS	

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
APR	3	5	43	9.0	37-21.1	122-10.0	2.4	0.8	8	114	3.3	0.13	0.13	0.8	0.5	B	MINDFGO HILL
	3	10	43	11.7	37-6.6	121-30.6	8.7	0.7	8	147	5.8	0.08	0.08	0.7	1.5	B	GILROY
	3	14	11	6.9	36-13.3	120-49.4	1.2	1.2	6	105	2.6	0.09	0.09	0.8	0.5	B	MONARCH PEAK
	3	17	16	51.1	36-52.2	121-19.1	5.4	0.9	12	84	1.9	0.09	0.09	0.5	0.9	A	TRES PINOS
	4	7	28	35.4	36-27.5	121-4.3	2.1	1.6	15	97	5.7	0.11	0.11	0.4	0.3	B	TOPO VALLEY
	4	8	21	5.4	36-27.7	121-4.3	2.3	1.2	10	110	5.3	0.10	0.10	0.6	0.6	B	TOPO VALLEY
	4	19	36	37.7	36-56.7	121-35.3	3.5	1.0	7	75	1.5	0.04	0.04	0.3	0.2	A	CHITTENDEN
	5	1	1	34.3	36-34.2	121-12.6	7.4	2.0	18	68	1.9	0.05	0.05	0.2	0.3	A	BICKMORE CANYON
	5	2	47	59.1	35-59.6	120-33.1	13.7	2.6	9	153	8.9	0.06	0.06	0.6	0.5	B	STOCKDALE MTN
	5	7	37	45.6	37-1.0	121-12.5	1.7	1.8	23	53	6.3	0.14	0.14	0.5	0.5	B	PACHECO PASS
	5	10	24	46.7	36-32.8	121-10.2	3.6	1.3	7	92	3.7	0.05	0.05	0.5	0.3	B	BICKMORE CANYON
	5	11	57	19.1	36-57.5	121-21.6	2.0	0.9	8	119	4.7	0.07	0.07	0.7	0.5	B	THREE SISTERS
	5	13	40	56.9	36-13.2	120-49.3	1.3	1.3	6	101	2.5	0.07	0.07	0.6	0.4	B	MONARCH PEAK
	5	18	30	28.3	35-59.3	120-35.1	2.4	1.7	9	142	11.0	0.18	0.18	1.4	1.0	C	STOCKDALE MTN
	5	20	53	21.3	35-59.0	120-35.0	1.3	1.9	7	159	10.7	0.09	0.09	1.1	0.8	C	STOCKDALE MTN
	5	21	43	25.4	35-58.7	120-35.1	1.5	1.7	8	138	10.6	0.09	0.09	0.9	0.7	B	STOCKDALE MTN
	5	23	56	8.6	36-56.6	121-35.5	3.5	0.3	7	128	1.7	0.05	0.05	0.5	0.3	B	CHITTENDEN
	6	3	8	7.1	36-52.7	121-20.0	8.4	0.5	12	100	2.4	0.13	0.13	0.7	1.2	B	THREE SISTERS
	6	10	47	50.9	36-37.2	121-15.1	8.5	0.9	12	57	1.9	0.06	0.06	0.3	0.6	A	MT JOHNSON
	6	10	47	53.0	36-37.3	121-15.2	8.7	1.5	12	56	1.9	0.09	0.09	0.4	0.8	A	MT JOHNSON
	6	11	22	55.7	35-58.7	120-34.2	2.6	1.7	9	142	9.4	0.12	0.12	1.0	0.6	C	STOCKDALE MTN
	6	11	36	38.9	36-35.7	121-14.0	6.3	0.9	10	66	4.4	0.04	0.04	0.2	0.4	A	BICKMORE CANYON
	6	12	15	51.7	36-40.9	121-29.8	10.0	0.9	14	64	8.5	0.13	0.13	0.6	1.6	A	HOLLISTER
	6	15	8	36.8	36-15.2	120-51.3	5.6	1.7	9	114	6.9	0.14	0.14	1.1	3.3	B	HEPSEDAM PEAK
	6	15	11	29.2	37-4.5	121-30.0	7.2	1.3	16	69	5.2	0.08	0.08	0.3	0.7	A	GILROY HOT SPRINGS
	6	15	41	44.8	35-58.0	120-31.7	8.4	1.5	6	144	5.4	0.22	0.22	2.9	4.3	C	STOCKDALE MTN
	6	16	37	25.8	36-51.6	121-35.8	5.3	1.9	27	65	2.7	0.15	0.15	0.4	0.6	A	SAN JUAN BAUTISTA
	6	16	51	53.3	35-59.7	120-33.8	12.4	2.5	14	138	9.6	0.14	0.14	1.1	0.9	C	STOCKDALE MTN
	6	23	2	54.2	37-8.7	121-34.2	4.5	1.1	13	104	5.2	0.10	0.10	0.5	0.5	B	MT SIZER
	6	23	39	56.5	36-51.7	121-35.6	6.4	0.6	7	115	5.4	0.05	0.05	0.9	1.9	B	SAN JUAN BAUTISTA
	6	23	39	57.9	36-51.5	121-35.7	5.0	1.7	18	78	5.1	0.16	0.16	0.6	0.8	B	SAN JUAN BAUTISTA
	6	23	59	38.9	37-2.3	121-13.0	4.4	1.3	16	68	4.0	0.12	0.12	0.5	1.5	A	PACHECO PASS
	7	3	37	19.7	37-8.6	121-33.4	6.1	1.1	14	108	6.3	0.06	0.06	0.3	0.7	B	MT SIZER
	7	8	55	9.4	36-31.9	121-9.3	8.3	0.6	7	106	5.8	0.04	0.04	0.3	0.7	B	BICKMORE CANYON
	7	10	47	40.8	36-33.4	121-10.8	3.3	3.0	32	64	2.2	0.14	0.14	0.4	0.4	A	BICKMORE CANYON
	7	13	30	2.3	36-35.6	121-9.4	9.2	1.0	8	62	3.6	0.06	0.06	0.5	1.0	A	BICKMORE CANYON
	7	18	10	4.8	37-5.4	121-43.4	10.6	1.4	25	46	3.8	0.09	0.09	0.3	0.5	A	MT MADONNA
	7	19	30	1.9	37-8.7	121-30.7	4.2	0.8	11	122	8.0	0.09	0.09	0.9	3.2	B	MT SIZER
	7	22	7	32.4	36-32.5	121-7.8	9.9	2.8	30	64	6.0	0.12	0.12	0.3	0.5	A	BICKMORE CANYON
	8	0	46	44.3	36-56.9	121-35.7	3.5	0.8	8	83	1.4	0.09	0.09	0.6	0.5	A	CHITTENDEN
	8	1	26	31.3	37-55.1	121-57.5	5.8	0.5	10	115	4.7	0.07	0.07	0.4	0.3	B	CLAYTON
	8	2	35	1.1	36-32.6	121-7.8	8.8	0.8	9	75	6.2	0.10	0.10	0.7	1.8	A	BICKMORE CANYON
	8	6	49	10.4	36-29.1	121-6.1	4.9	2.1	22	76	3.7	0.12	0.12	0.4	0.6	A	TOPO VALLEY
	8	7	12	54.8	38-42.3	122-44.0	5.4	2.5	12	273	17.1	0.22	0.22	4.9	4.3	D	MOUNT ST HELENA
	8	9	20	48.7	36-58.8	121-39.1	2.6	0.8	8	76	4.8	0.06	0.06	0.4	0.4	A	WATSONVILLE EAST



## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	QUADRANGLE	
APR	8	14	22	1.9	37- 6.2	121-26.9	7.0	0.5	0.5	9	178	0.8	0.05	0.4	0.5	B	GILROY HOT SPRINGS
	8	16	6	7.4	36-33.1	121-11.2	7.8	0.8	0.8	10	87	2.7	0.05	0.3	0.5	A	BICKMORE CANYON
	8	18	28	48.1	35-59.9	120-52.9	10.7	2.5	2.5	27	155	18.9	0.16	0.6	0.7	C	HAMES VALLEY
	8	22	46	42.2	36-25.5	121- 2.2	3.4	0.9	0.9	8	88	1.6	0.10	0.8	0.7	A	TOPO VALLEY
	9	5	50	27.1	36- 0.9	120-52.4	13.9	1.1	1.1	6	221	17.2	0.06	1.5	1.1	C	PANCHO RICO VALLEY
	9	6	57	41.7	36-28.7	121- 6.9	0.5	0.5	0.8	10	115	4.9	0.09	0.6	0.8	B	TOPO VALLEY
	9	9	14	11.9	36-38.0	121-16.8	1.4	1.0	1.0	12	60	3.6	0.09	0.5	0.5	A	PAICINES
	9	16	37	31.7	36-34.6	121-12.6	5.1	2.8	1.0	30	35	1.9	0.15	0.4	0.5	B	BICKMORE CANYON
	10	1	55	14.8	37-21.2	122-26.0	11.7	0.7	0.7	6	248	8.4	0.01	0.3	0.3	C	SAN GREGORIO
	10	5	59	45.0	37-40.0	121-47.4	7.7	0.5	0.5	7	124	8.0	0.07	0.6	3.7	B	LIVERMORE
	10	8	46	11.9	36-36.4	121-13.8	2.1	1.7	1.7	17	60	3.3	0.12	0.4	0.4	A	BICKMORE CANYON
	10	17	13	35.1	36-57.0	121-35.7	4.6	2.5	2.5	31	42	1.4	0.10	0.3	0.3	A	CHITTENDEN
	10	17	34	27.9	36-56.8	121-35.6	3.6	1.0	1.0	10	64	1.6	0.07	0.4	0.3	A	CHITTENDEN
	10	20	0	50.2	36-56.7	121-35.6	3.7	0.8	0.8	14	98	1.7	0.10	0.4	0.4	B	CHITTENDEN
	10	22	5	59.3	36-56.8	121-35.6	4.6	1.9	1.9	21	54	1.6	0.10	0.3	0.4	A	CHITTENDEN
	11	4	37	57.6	36-32.4	121- 9.7	3.7	0.9	0.9	12	76	4.7	0.08	0.4	0.4	A	BICKMORE CANYON
	11	7	14	1.5	36-53.2	121-37.6	5.5	1.1	1.1	20	79	5.8	0.13	0.4	0.7	B	WATSONVILLE EAST
	11	11	19	16.4	36-53.1	121-20.9	6.9	1.0	1.0	11	124	3.6	0.10	0.7	1.3	B	THREE SISTERS
	11	20	18	10.1	36-38.2	121-16.1	4.0	1.1	1.1	11	76	2.6	0.08	0.4	0.4	A	PAICINES
	11	20	18	45.3	37-18.4	121-38.1	4.5	0.6	0.6	7	150	6.4	0.11	1.2	1.0	C	LICK OBSERVATORY
	12	0	13	19.4	36-38.1	121-16.8	1.5	1.2	1.2	11	70	3.6	0.08	0.3	0.3	A	PAICINES
	12	0	20	33.3	36-57.1	121-35.7	4.4	2.0	2.0	27	32	1.2	0.11	0.3	0.3	A	CHITTENDEN
	12	0	30	15.2	35-58.8	120-34.8	5.8	1.2	1.2	6	157	10.2	0.03	0.4	1.8	B	STOCKDALE MTN
	12	4	40	33.1	37-21.4	121-41.6	2.8	1.2	1.2	16	83	5.6	0.12	0.4	0.4	B	LICK OBSERVATORY
	12	12	44	52.8	36-28.9	121- 6.2	2.1	1.6	1.6	17	77	3.9	0.10	0.3	0.3	A	TOPO VALLEY
	12	13	28	39.0	36-55.3	121-34.1	6.4	1.4	1.4	23	57	4.3	0.07	0.2	0.5	A	CHITTENDEN
	12	13	38	30.3	36-55.3	121-33.9	6.7	1.4	1.4	24	56	4.4	0.06	0.2	0.4	A	CHITTENDEN
	12	14	0	59.1	36-58.2	121-38.5	5.2	2.0	2.0	26	38	4.5	0.12	0.3	0.6	A	WATSONVILLE EAST
	12	21	54	9.9	36-58.6	121-40.1	8.0	0.8	0.8	10	76	3.4	0.04	0.4	0.7	A	WATSONVILLE EAST
	13	0	47	23.9	36-31.7	121- 9.7	8.5	1.5	1.5	15	81	5.7	0.06	0.3	0.6	A	BICKMORE CANYON
	13	11	27	8.7	36-51.7	121-35.3	5.0	1.1	1.1	14	77	2.6	0.13	0.6	0.5	A	SAN JUAN BAUTISTA
	13	14	39	24.1	36-51.1	121-22.9	4.7	0.6	0.6	10	69	2.2	0.07	0.4	0.8	A	HOLLISTER
	14	6	33	40.3	37-18.6	121-39.5	3.0	0.6	0.6	10	65	5.9	0.14	0.6	0.4	B	LICK OBSERVATORY
	14	12	20	41.9	36- 4.8	120-51.6	14.1	1.0	1.0	7	158	12.8	0.05	0.7	0.4	B	PANCHO RICO VALLEY
	14	16	7	33.4	36-35.2	121-12.3	2.5	2.0	2.0	19	62	1.9	0.11	0.4	0.3	A	BICKMORE CANYON
	14	16	55	41.7	37- 4.5	121-30.0	7.5	1.2	1.2	19	70	5.2	0.12	0.4	1.0	A	GILROY
	14	20	17	42.9	36-28.6	121- 5.4	4.3	2.4	2.4	21	85	3.9	0.16	0.5	0.9	B	TOPO VALLEY
	14	20	48	11.6	37-25.5	121-44.9	3.6	1.0	1.0	9	99	5.3	0.07	0.6	0.3	B	MT DAY
	14	21	23	8.8	36-26.4	121- 3.7	7.2	0.6	0.6	8	121	4.3	0.09	0.7	1.4	B	TOPO VALLEY
	15	0	17	45.6	36- 4.0	120-22.0	5.3	1.4	1.4	6	236	15.2	0.13	3.0	17.9	D	KREYENHAGEN HILLS
	15	0	25	25.0	36-12.9	120-48.6	2.6	1.9	1.9	10	100	1.4	0.13	0.8	0.9	B	MONARCH PEAK
	15	5	6	29.5	35-59.4	120-33.9	4.3	1.8	1.8	9	148	9.6	0.12	1.5	1.1	C	STOCKDALE MTN
	15	9	59	32.0	36-19.0	120-54.9	6.4	1.2	1.2	7	93	1.3	0.10	0.9	1.4	B	LONOK
	15	14	11	56.0	36-37.4	121-16.0	8.5	1.8	1.8	20	56	2.7	0.11	0.4	0.6	A	MT JOHNSON
	15	15	41	17.8	36-32.5	121- 9.9	3.5	1.2	1.2	7	158	4.4	0.04	0.4	0.3	B	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	ERZ	Q	QUADRANGLE
APR	15	16	1	38.9	36-37.2	121-16.0		8.6	1.2	13	62	2.9	0.06	0.3	0.5	A	MT JOHNSON
	15	16	36	36.8	37-27.8	121-46.8		6.9	1.5	18	81	2.2	0.15	0.6	1.1	B	CALAVERAS RESERVOIR
	15	21	38	35.1	37-0.8	121-6.5		9.0	1.1	17	79	1.1	0.08	0.4	0.5	A	SAN LUIS DAM
	15	22	38	7.7	37-25.5	121-46.2		2.7	0.9	9	125	3.8	0.16	1.8	0.6	B	CALAVERAS RESERVOIR
	16	5	1	52.8	37-22.0	121-43.4		5.7	2.4	45	79	3.0	0.14	0.3	0.4	A	LICK OBSERVATORY
	16	14	11	53.2	36-0.2	120-36.6		4.2	1.6	8	153	13.8	0.14	10.4	17.4	D	SMITH MTN
	16	14	12	37.8	36-0.3	120-35.9		3.0	1.9	8	150	13.0	0.13	2.4	1.1	C	SMITH MTN
	16	14	17	16.7	36-35.0	121-9.2		10.0	1.6	12	60	3.3	0.10	0.6	1.2	A	RICKMORE CANYON
	16	14	46	10.0	36-55.0	121-25.1		8.9	1.0	10	109	7.5	0.08	0.5	1.2	A	SAN FELIPE
	16	15	37	21.7	37-22.5	121-45.3		2.9	0.9	6	145	1.8	0.07	1.0	0.5	C	CALAVERAS RESERVOIR
	16	16	27	17.5	37-32.3	121-39.1		6.2	1.2	10	142	6.4	0.20	1.2	1.3	C	MENDENHALL SPRINGS
	16	17	10	46.7	36-54.7	121-31.6		3.0	1.0	7	129	1.8	0.07	0.5	0.4	B	CHITTENDEN
	16	17	54	10.5	36-31.6	121-9.2		7.6	1.1	13	111	6.3	0.10	0.5	1.2	B	RICKMORE CANYON
	16	20	25	18.2	36-36.4	121-6.8		11.5	1.0	7	88	6.2	0.16	1.9	5.2	9	SAN RENITO
	17	3	39	21.8	36-53.4	121-24.5		3.7	1.3	15	64	3.7	0.11	0.4	0.3	A	SAN FELIPE
	17	6	45	19.3	37-22.5	121-45.5		3.1	0.7	7	141	1.7	0.10	1.3	0.6	C	SAN JOSE EAST
	17	8	37	59.5	36-49.2	121-23.9		10.6	1.0	13	74	10.8	0.12	0.6	1.7	B	HOLLISTER
	17	15	15	46.1	35-58.5	121-2.0		13.7	1.3	7	136	17.2	0.05	0.5	1.9	B	WILLIAMS HILL
	17	18	10	16.6	37-26.9	121-38.1		0.2	1.3	14	141	14.2	0.14	0.5	0.5	A	MT DAY
	17	19	30	20.2	36-57.1	121-35.9		4.8	3.3	51	44	1.4	0.15	0.3	0.3	A	CHITTENDEN
	17	19	49	59.2	36-57.1	121-35.7		4.4	1.5	21	51	1.2	0.08	0.2	0.3	A	CHITTENDEN
	17	20	0	25.3	37-25.1	121-46.8		3.2	0.6	7	136	4.0	0.12	1.0	0.5	C	CALAVERAS RESERVOIR
	17	20	1	13.9	37-25.8	121-47.3		4.0	1.7	28	75	2.6	0.18	0.5	0.3	B	CALAVERAS RESERVOIR
	17	20	22	38.2	36-57.0	121-35.6		4.9	1.8	24	55	1.2	0.10	0.3	0.3	A	CHITTENDEN
	17	22	8	22.8	36-57.0	121-35.6		3.8	1.4	16	55	1.2	0.08	0.3	0.3	A	CHITTENDEN
	17	22	34	43.8	36-57.0	121-35.7		4.7	1.4	20	56	1.3	0.08	0.3	0.3	A	CHITTENDEN
	17	22	37	29.0	36-14.1	120-49.9		1.0	1.6	10	119	4.0	0.16	0.9	0.7	9	MONARCH PEAK
	18	2	4	37.4	36-57.0	121-35.5		4.0	1.0	9	72	1.1	0.04	0.2	0.3	A	CHITTENDEN
	18	3	17	51.4	36-43.6	121-24.5		0.7	0.9	13	166	6.1	0.14	0.9	0.6	B	MT HARLAN
	18	5	17	5.8	35-47.1	121-8.3		9.3	1.7	12	125	11.5	0.10	0.6	0.8	B	BURNETT PEAK
	18	5	31	52.6	37-31.7	121-38.2		5.3	0.6	7	156	7.4	0.11	0.8	6.8	C	MENDENHALL SPRINGS
	18	7	3	47.5	36-57.1	121-35.7		4.5	1.9	28	44	1.2	0.11	0.3	0.3	A	CHITTENDEN
	18	7	21	17.6	36-56.9	121-35.6		3.6	0.9	10	66	1.4	0.07	0.4	0.3	A	CHITTENDEN
	18	7	40	23.1	36-57.1	121-35.8		4.5	1.4	23	57	1.4	0.09	0.2	0.3	A	CHITTENDEN
	18	8	16	46.7	36-37.7	121-12.3		5.9	1.0	8	96	3.1	0.04	0.3	0.6	B	CHERRY PEAK
	18	10	11	0.2	36-42.2	121-20.9		16.2	0.5	9	97	0.8	0.09	0.9	1.2	B	PAICINES
	18	10	15	20.2	36-57.1	121-35.3		3.7	1.0	21	45	0.8	0.10	0.3	0.3	A	CHITTENDEN
	18	10	15	29.4	36-56.9	121-35.6		3.7	1.5	16	59	1.3	0.09	0.3	0.3	A	CHITTENDEN
	18	12	7	36.0	36-32.2	121-3.6		6.6	0.9	8	103	3.2	0.13	1.0	1.8	9	SAN BENITO
	18	12	40	40.5	36-55.0	121-35.6		5.2	0.3	6	132	4.7	0.03	0.3	0.7	B	CHITTENDEN
	18	14	11	13.1	36-57.0	121-35.8		3.6	1.1	17	56	1.4	0.11	0.4	0.4	A	CHITTENDEN
	18	17	2	20.8	36-56.9	121-35.5		3.7	1.1	10	60	1.3	0.06	0.3	0.3	A	CHITTENDEN
	18	20	24	11.6	36-56.9	121-35.7		3.5	1.2	11	59	1.4	0.06	0.3	0.2	A	CHITTENDEN
	18	23	32	22.2	38-23.0	122-5.0		0.4	1.6	10	100	3.9	0.22	0.6	0.6	B	MT VACA
	19	3	32	13.7	36-33.1	121-10.7		3.7	0.7	7	152	2.8	0.02	0.2	0.1	B	RICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SFC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	FRZ	Q	QUADRANGLE
APR 19	5	13	44.6	37-39.3	122-27.7	6.3	1.4	9	158	2.3	0.05	1.2	1.7	C			SAN FRANCISCO SOUTH
19	5	38	34.6	36-42.2	121-21.0	16.7	0.8	11	104	0.9	0.10	0.9	1.2	B			PAICINES
19	8	46	41.7	36-46.2	121-27.8	9.7	0.8	12	75	3.0	0.12	0.6	1.1	A			HOLLISTER
19	8	49	15.4	36-34.6	121-9.1	11.1	0.8	9	109	3.3	0.06	0.5	1.1	B			BICKMORE CANYON
19	8	52	50.8	36-34.4	121-8.6	13.5	0.6	9	69	4.1	0.14	1.3	3.0	B			BICKMORE CANYON
19	9	34	32.3	36-34.4	121-9.1	11.2	2.3	29	47	3.4	0.12	0.4	0.4	A			BICKMORE CANYON
19	13	56	47.0	36-34.3	121-9.1	11.1	2.4	27	47	3.3	0.12	0.4	0.5	A			BICKMORE CANYON
19	14	5	59.3	36-34.1	121-8.7	12.4	0.4	7	91	4.0	0.04	0.5	1.0	B			BICKMORE CANYON
19	15	32	57.6	35-58.4	121-2.0	12.4	2.8	19	94	17.4	0.15	0.6	0.6	B			WILLIAMS HILL
19	19	53	34.5	36-32.7	121-3.9	9.9	1.5	15	96	4.0	0.11	0.5	0.9	B			SAN BENITO
19	20	10	50.7	36-35.1	121-12.3	2.8	1.0	10	126	1.8	0.07	0.4	0.3	B			RICKMORE CANYON
19	21	3	11.7	36-32.6	121-9.9	3.4	1.2	10	94	4.1	0.05	0.3	0.3	B			RICKMORE CANYON
19	23	2	15.4	36-57.5	121-36.2	8.0	1.1	12	60	1.8	0.04	0.2	0.4	A			CHITTENDEN
19	23	54	22.1	36-42.5	121-20.8	17.4	0.8	12	109	0.3	0.13	1.1	1.5	B			PAICINES
20	8	30	40.2	36-56.8	121-35.5	3.7	1.7	20	43	1.4	0.10	0.3	0.3	A			CHITTENDEN
20	8	49	21.7	36-42.2	121-20.9	16.1	0.8	11	96	0.8	0.09	0.8	1.0	B			PAICINES
20	10	9	59.6	37-0.8	121-42.3	11.6	1.2	16	78	6.7	0.10	0.5	1.1	A			MT MADONNA
20	13	18	4.5	36-42.5	121-20.6	15.9	1.2	13	66	0.1	0.13	0.8	1.1	A			PAICINES
20	15	55	47.6	36-57.2	121-35.9	3.5	1.3	17	58	1.4	0.07	0.3	0.2	A			CHITTENDEN
20	20	5	16.3	36-57.2	121-36.0	3.5	1.4	19	57	1.5	0.07	0.2	0.2	A			CHITTENDEN
21	0	7	25.9	36-52.9	121-26.5	3.1	1.3	15	71	4.2	0.12	0.5	0.3	A			SAN FELIPE
21	1	28	42.5	38-7.0	121-55.8	21.9	1.4	16	122	11.4	0.21	1.4	1.5	B			HONKER BAY
21	5	44	15.1	36-40.6	121-19.6	3.2	0.6	10	117	3.9	0.06	0.4	0.4	B			PAICINES
21	5	49	45.6	38-6.9	121-55.8	20.7	2.0	22	93	11.2	0.24	1.3	1.2	B			HONKER BAY
21	6	22	55.9	36-56.0	121-40.9	11.0	2.1	31	81	1.9	0.11	0.3	0.4	A			WATSONVILLE EAST
21	13	26	5.8	37-0.1	121-42.2	12.1	0.8	12	83	2.9	0.10	0.7	1.4	A			MT MADONNA
21	15	37	10.3	37-15.8	122-16.2	5.7	1.0	8	102	10.0	0.10	0.9	0.6	C			LA HONDA
21	21	10	7.7	36-56.6	121-34.6	4.4	0.6	8	81	1.8	0.06	0.4	0.6	A			CHITTENDEN
22	1	2	54.7	37-7.2	121-31.6	5.0	0.8	7	111	9.9	0.06	0.6	4.8	B			GILROY
22	2	16	56.3	36-59.3	121-22.5	1.1	0.6	7	111	10.4	0.04	0.4	0.4	B			SAN FELIPE
22	2	24	45.3	36-55.9	121-36.0	6.5	0.5	7	86	3.2	0.09	0.7	1.4	A			CHITTENDEN
22	3	55	46.8	37-29.8	121-37.3	5.1	1.5	11	161	11.1	0.17	1.1	0.7	C			EYLAR MTN
22	5	26	36.2	36-50.4	121-34.4	5.8	2.4	25	39	4.6	0.20	0.6	0.9	B			SAN JUAN BAUTISTA
22	8	21	12.6	36-50.3	121-34.7	6.1	2.7	28	38	4.5	0.21	0.6	0.7	B			SAN JUAN BAUTISTA
22	8	24	51.8	36-50.4	121-35.0	6.1	2.9	35	36	4.8	0.17	0.4	0.5	B			SAN JUAN BAUTISTA
22	9	2	2.6	37-12.9	122-8.1	9.2	1.3	18	90	2.9	0.08	0.4	0.5	B			BIG RASIN
22	14	26	18.6	38-3.3	121-57.0	12.5	2.1	23	197	16.2	0.14	0.8	0.5	C			HONKER BAY
22	14	35	26.0	35-59.3	120-34.5	2.5	1.8	9	146	10.3	0.10	1.3	0.5	C			STOCKDALE MTN
22	14	47	2.7	37-18.6	121-39.7	3.0	1.3	12	65	5.9	0.12	0.4	0.3	B			LICK OBSERVATORY
22	15	48	45.3	36-15.8	120-48.9	3.8	1.7	7	155	5.7	0.12	1.2	4.5	C			HEPSEDAM PEAK
22	19	18	59.5	36-42.3	121-22.5	1.0	0.3	6	145	2.8	0.08	0.8	0.7	B			PAICINES
22	20	20	8.3	37-7.3	121-31.2	9.7	0.6	6	174	10.4	0.05	0.7	2.4	C			GILROY
23	0	5	0.3	36-33.0	121-19.2	12.4	1.2	13	69	6.5	0.08	0.4	0.6	A			MT JOHNSON
23	4	19	3.2	36-31.4	121-9.4	9.1	1.4	11	84	6.4	0.05	0.3	0.7	A			BICKMORE CANYON
23	5	17	42.8	36-31.7	121-9.4	8.1	0.9	9	85	6.0	0.07	0.4	1.1	A			BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
APR 23	7	38	55.0	37-29.8		121-37.3		7.5	0.7	6	161	11.0	0.04	0.5	2.3	C	EYLAR MTN
23 10	4	46.1	38-30.2	122-16.8				12.0	0.9	6	204	21.7	0.11	1.8	7.6	D	CHILFS VALLEY
23 14	23	45.0	36-55.3	121-33.9				6.6	0.7	7	103	4.4	0.03	0.2	0.4	B	CHITTENDEN
23 14	57	37.4	37- 9.6	121-31.8				9.1	1.0	10	120	8.4	0.06	0.4	1.3	A	MT SIZER
23 23	8	24.7	38-23.2	121-50.2				3.3	1.3	6	325	19.5	0.24	58.8	2.1	D	DIXON
24 0	6	4.5	37-23.7	121-44.6				4.6	2.6	48	82	4.1	0.18	0.4	0.3	B	MT DAY
24 6	0	58.3	36-25.4	121- 2.4				6.9	1.2	7	151	10.2	0.12	1.1	4.8	C	TOPO VALLEY
24 8	12	18.0	37-59.2	122- 4.0				13.9	0.9	9	76	7.7	0.07	0.6	0.5	A	WALNUT CREEK
24 11	23	22.5	37-18.6	122- 7.5				5.2	0.9	9	104	2.8	0.10	0.7	1.0	B	MINDEGO HILL
24 11	32	59.4	37-29.5	121-37.2				5.9	1.9	16	162	11.5	0.21	1.1	0.7	C	EYLAR MTN
24 12	48	28.8	36-58.8	121-38.6				5.4	1.4	20	66	5.5	0.12	0.4	0.6	B	WATSONVILLE EAST
24 18	59	49.9	36-56.6	121-33.5				6.8	0.4	7	90	2.8	0.02	0.1	0.2	B	CHITTENDEN
24 19	36	47.0	36-37.0	121- 7.9				14.4	1.0	14	87	5.9	0.12	0.8	0.6	A	BICKMORE CANYON
25 2	1	54.2	37-22.2	121-44.0				3.2	1.5	20	93	8.7	0.13	0.5	0.6	B	LICK OBSERVATORY
25 2	3	9.3	37-22.5	121-43.7				3.4	1.3	11	97	8.5	0.08	0.4	0.4	B	LICK OBSERVATORY
25 4	40	2.6	36-27.1	121- 2.6				9.6	3.0	30	89	3.8	0.14	0.5	0.6	A	TOPO VALLEY
25 5	50	3.8	36-29.0	121- 6.6				0.9	1.3	13	72	4.2	0.09	0.5	0.6	A	TOPO VALLEY
25 6	1	29.0	36-26.6	121- 3.0				6.9	0.7	7	137	3.5	0.11	1.1	1.7	C	TOPO VALLEY
25 6	16	56.9	36-26.5	121- 3.0				5.9	0.8	7	134	3.4	0.12	1.3	1.8	B	TOPO VALLEY
25 6	37	33.9	36-55.8	121-36.2				7.6	0.4	8	88	3.4	0.04	0.3	0.7	A	CHITTENDEN
25 15	51	25.0	36-45.3	121-35.5				2.4	2.1	25	79	5.0	0.16	0.5	0.4	B	SAN JUAN BAUTISTA
25 17	36	16.7	36-37.5	121-16.8				4.1	1.9	11	55	3.4	0.17	0.9	2.6	B	PAICINES
25 19	5	55.1	36-35.5	121-14.5				10.1	2.5	27	67	4.9	0.12	0.3	0.6	A	BICKMORE CANYON
26 1	14	3.3	36-26.6	121- 2.6				7.5	1.8	16	116	3.0	0.10	0.5	0.8	B	TOPO VALLEY
26 3	8	59.4	36-33.4	121-10.8				3.6	1.7	12	67	2.1	0.04	0.2	0.2	A	BICKMORE CANYON
26 16	33	10.7	36-30.1	121- 6.9				3.7	0.8	9	97	3.7	0.12	0.7	2.5	B	SAN BENITO
26 20	25	16.2	36-56.7	121-34.7				7.1	0.7	8	69	7.0	0.05	0.4	1.6	A	CHITTENDEN
27 3	27	29.0	37-25.0	121-45.2				4.1	0.7	8	84	5.5	0.14	0.9	0.5	B	CALAVERAS RESERVOIR
27 6	14	46.1	38-20.7	122-23.9				7.1	1.8	14	120	6.1	0.11	0.5	0.6	B	SONOMA
27 7	39	6.2	36-56.8	121-34.7				5.6	0.8	9	104	1.4	0.09	0.5	0.9	B	CHITTENDEN
27 11	13	6.6	36-32.4	121- 6.3				10.5	0.8	8	139	4.3	0.11	0.9	1.7	B	SAN BENITO
27 12	20	31.6	37- 4.1	121-29.2				4.9	2.7	37	57	4.6	0.15	0.4	0.4	A	GILROY HOT SPRINGS
27 12	24	9.1	37- 3.2	121-28.9				4.6	0.8	10	70	3.2	0.06	0.3	0.4	A	GILROY HOT SPRINGS
27 12	32	0.6	37- 3.3	121-28.9				4.2	0.9	11	72	3.4	0.03	0.2	0.2	A	GILROY HOT SPRINGS
27 15	32	52.9	36-35.1	121-12.8				4.1	0.8	8	73	2.5	0.08	0.5	0.9	A	BICKMORE CANYON
27 17	8	0.6	36-37.2	121-15.9				1.3	0.8	9	67	4.5	0.09	0.5	0.6	A	MT JOHNSON
27 17	8	58.8	36-56.6	121-35.4				3.6	0.8	10	66	1.7	0.07	0.4	0.3	A	CHITTENDEN
27 17	45	0.0	38-32.4	122-22.5				10.7	1.5	8	205	20.3	0.13	1.4	4.8	C	ST HELENA
28 3	14	8.1	36-36.8	121-16.0				8.9	0.9	10	70	3.4	0.05	0.4	0.6	A	MT JOHNSON
28 11	14	0.6	36-50.0	121-33.9				5.6	1.5	19	63	4.0	0.15	0.5	0.7	A	SAN JUAN BAUTISTA
28 12	38	22.4	36-32.0	121- 8.5				9.5	2.2	20	74	6.2	0.04	0.2	0.3	A	BICKMORE CANYON
28 12	44	30.8	35-58.3	121- 2.0				11.4	1.5	9	117	17.4	0.16	1.3	2.1	B	WILLIAMS HILL
28 14	44	24.9	36-32.9	121- 7.4				7.1	1.1	10	123	6.1	0.12	0.7	1.5	B	SAN BENITO
28 16	50	41.6	38-27.4	122-28.2				10.0	1.1	9	191	9.7	0.09	0.9	1.5	C	RUTHERFORD
28 18	58	50.5	36- 0.4	120-52.1				13.6	1.5	11	107	17.5	0.07	0.4	0.4	B	PANCHO RICO VALLEY

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
APR	29	0	9	28.9	37-26.5	121-38.7	1.2	0.8	7	133	13.3	0.04	0.2	0.3	R		MT DAY
	29	0	16	59.1	37-35.0	121-41.9	5.9	0.8	6	113	5.6	0.09	1.0	1.1	R		MENDENHALL SPRINGS
	29	1	59	17.3	36-26.6	121-3.7	7.4	1.6	13	84	4.4	0.11	0.6	1.1	A		TOPO VALLEY
	29	2	43	1.4	37-39.5	121-57.8	9.6	1.0	12	66	7.2	0.09	0.4	1.1	A		DUBLIN
	29	3	27	34.6	36-45.5	121-19.8	9.8	0.6	9	102	5.6	0.14	1.0	2.7	B		TRES PINOS
	29	8	57	7.0	36-40.3	121-19.6	3.8	0.7	12	113	4.4	0.06	0.3	0.3	B		PAICINES
	29	12	55	2.6	37-35.5	121-40.1	7.4	0.7	6	128	2.8	0.07	0.9	1.3	B		MENDENHALL SPRINGS
	29	13	10	46.6	37-35.2	121-40.7	6.8	0.7	6	118	3.8	0.08	0.8	0.7	B		MENDENHALL SPRINGS
	29	21	47	59.1	35-56.7	120-26.5	4.4	1.6	6	146	2.9	0.05	0.5	0.8	B		PARKFIELD
	29	22	36	14.0	36-29.6	121-6.5	4.1	0.7	7	179	3.5	0.13	1.7	3.6	C		TOPO VALLEY
	30	5	45	6.4	36-34.5	121-12.5	5.4	2.8	27	37	1.8	0.12	0.3	0.5	A		BICKMORE CANYON
	30	8	13	46.2	37-27.5	121-48.5	5.6	1.6	16	71	1.2	0.18	0.7	0.6	B		CALAVERAS RESERVOIR
	30	13	45	21.3	37-29.2	121-50.4	4.8	0.9	10	92	4.6	0.17	1.0	1.0	B		CALAVERAS RESERVOIR
	30	14	37	53.3	37-24.2	121-47.9	2.9	1.0	6	189	5.3	0.07	1.0	0.3	C		CALAVERAS RESERVOIR
	30	15	56	32.7	36-46.2	121-28.8	5.1	1.3	16	79	2.0	0.12	0.5	0.9	A		HOLLISTER
MAY	30	17	15	32.3	36-10.2	120-45.7	2.1	2.0	6	165	5.8	0.17	2.4	1.7	C		MONARCH PEAK
	1	4	14	35.9	37-21.9	121-41.9	6.4	0.7	7	85	5.1	0.06	0.5	1.6	A		SLICK OBSERVATORY
	1	8	49	4.9	36-0.1	120-37.8	6.2	1.5	6	192	14.4	0.18	6.2	9.7	D		SLACK CANYON
	1	9	36	3.3	36-51.6	121-34.3	2.1	1.9	18	57	3.3	0.18	0.6	0.5	B		SAN JUAN BAUTISTA
	1	11	17	30.3	37-11.1	122-25.0	7.9	1.8	13	236	6.2	0.11	1.5	0.9	C		PIGEON POINT
	1	16	34	54.0	36-14.8	120-41.5	14.1	1.9	13	188	9.9	0.06	0.5	0.2	C		PRIEST VALLEY
	1	21	49	49.2	36-23.6	120-59.9	4.0	1.9	14	81	3.9	0.14	0.6	1.0	A		ROCK SPRING PEAK
	2	3	10	29.9	36-23.7	120-59.8	3.6	2.2	17	82	3.8	0.18	0.7	1.1	B		ROCK SPRING PEAK
	2	8	53	39.8	38-48.3	122-48.5	3.3	1.5	8	192	11.5	0.12	2.3	1.6	C		THE GEYSERS
	2	9	30	43.3	36-14.4	120-41.6	13.4	1.9	13	186	9.6	0.09	0.8	0.4	C		PRIEST VALLEY
	2	11	12	15.1	36-35.6	121-13.7	4.6	1.1	11	66	4.1	0.04	0.2	0.4	A		BICKMORE CANYON
	3	4	17	21.4	37-28.3	121-47.2	1.9	0.8	8	98	2.6	0.17	1.2	0.9	B		CALAVERAS RESERVOIR
	3	6	54	23.6	36-30.3	121-6.7	9.0	0.9	9	64	3.2	0.07	0.5	1.0	A		SAN RENITO
	3	7	8	24.8	36-57.7	121-35.6	1.4	0.9	10	81	6.9	0.06	0.2	0.2	B		CHITTENDEN
	3	18	30	12.7	36-18.1	121-25.5	3.7	1.9	16	71	6.0	0.10	0.4	1.0	B		SYCAMORE FLAT
	3	23	54	25.5	36-35.2	120-38.8	10.3	2.1	15	196	28.3	0.17	2.8	2.9	D		TUNEY HILLS
	4	3	8	34.9	36-32.9	121-11.1	7.8	0.8	6	130	2.9	0.03	0.4	0.6	B		BICKMORE CANYON
	4	3	47	30.5	36-31.0	121-7.8	11.0	3.1	37	50	4.9	0.14	0.4	0.4	A		BICKMORE CANYON
	4	4	1	39.4	36-30.9	121-7.6	10.2	0.8	8	90	4.7	0.09	0.8	1.8	A		BICKMORE CANYON
	4	4	35	22.9	36-31.1	121-7.8	10.5	2.5	26	52	5.0	0.10	0.3	0.5	A		BICKMORE CANYON
	4	7	32	48.3	36-31.1	121-8.0	10.9	1.1	7	88	5.2	0.04	0.4	0.9	A		BICKMORE CANYON
	4	13	59	17.2	37-35.3	121-58.7	4.6	1.3	16	50	5.1	0.19	0.7	0.6	B		NILES
	4	17	49	57.4	36-27.4	121-2.5	8.5	1.4	12	109	4.1	0.09	0.5	1.0	B		TOPO VALLEY
	4	19	26	57.0	36-57.6	121-24.6	9.6	0.7	8	114	2.7	0.04	0.4	0.6	B		SAN FELIPE
	4	22	42	32.5	36-31.0	121-7.7	10.4	0.9	10	89	4.9	0.08	0.6	1.0	A		BICKMORE CANYON
	5	9	39	38.6	36-35.0	121-9.4	10.1	0.9	8	93	3.1	0.07	0.7	0.9	9		BICKMORE CANYON
	5	10	9	35.8	37-34.4	121-58.0	7.8	0.3	7	130	6.5	0.07	0.6	1.3	B		NILES
	5	13	23	24.3	37-31.1	121-37.7	5.0	0.9	8	160	8.6	0.17	1.3	1.0	C		MENDENHALL SPRINGS
	5	16	9	1.7	36-40.3	121-20.7	3.2	0.9	11	91	4.2	0.12	0.6	0.6	A		PAICINES
	5	17	35	59.7	36-34.1	121-6.9	11.6	1.3	16	65	6.6	0.06	0.3	0.5	A		SAN RENITO

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO GAP	DMIN	RMS	ERH	ERZ Q	QUADRANGLE		
MAY	5	18	1	17.6	36-37.9	121-17.3	9.9	0.7	9	74	4.0	0.11	0.7	1.6 A	PAICINES
	5	19	7	21.9	37-2.7	121-29.3	5.9	1.6	23	55	2.3	0.15	0.5	0.7 B	GILROY HOT SPRINGS
	5	19	22	27.8	36-34.4	121-6.9	12.7	0.9	9	73	6.6	0.10	0.8	1.7 A	SAN BENITO
	5	19	40	2.2	36-39.4	121-18.1	4.1	1.9	19	42	2.8	0.14	0.5	0.5 A	PAICINES
	5	22	26	44.2	36-27.3	121-2.1	8.0	0.8	7	146	3.6	0.08	0.8	1.3 B	TOPO VALLEY
	5	23	1	52.9	37-17.6	122-6.2	6.2	1.4	17	40	2.1	0.12	0.5	0.6 A	CUPERTINO
	6	2	7	48.5	36-53.1	121-36.9	5.0	0.8	9	117	2.1	0.10	0.7	1.0 B	CHITTENDEN
	6	8	36	35.8	36-31.1	121-7.9	10.4	2.0	19	53	5.2	0.08	0.3	0.5 A	BICKMORE CANYON
	6	16	32	42.0	36-46.5	121-24.2	9.7	1.2	14	52	8.2	0.15	0.6	1.6 A	HOLLISTER
	7	4	49	41.9	36-4.7	120-41.1	7.6	1.5	8	150	4.7	0.21	2.3	2.4 C	SLACK CANYON
	7	8	41	43.3	38-30.7	122-42.6	6.2	1.3	8	96	4.5	0.10	0.7	1.9 B	MARK WEST SPRINGS
	7	11	22	55.2	37-29.0	121-37.7	5.6	1.0	12	154	12.3	0.14	0.8	0.8 B	MT DAY
	7	23	28	59.6	38-33.4	122-45.9	3.2	1.6	9	110	3.7	0.11	0.7	0.6 B	HEALDSBURG
	8	1	46	17.8	36-37.1	121-15.7	10.2	1.6	11	67	4.7	0.03	0.2	0.3 A	MT JOHNSON
	8	2	56	44.2	36-39.7	121-19.0	4.5	2.0	21	64	4.0	0.15	0.5	0.5 A	PAICINES
	8	12	51	20.8	36-43.4	121-13.1	12.4	1.7	18	79	7.7	0.10	0.4	1.0 A	CHERRY PEAK
	8	13	16	31.6	37-28.3	121-39.6	5.3	1.2	12	132	12.5	0.12	0.6	0.9 B	MT DAY
	9	0	31	28.3	36-54.3	121-25.0	4.3	1.3	16	69	5.5	0.10	0.4	0.5 B	SAN FELIPE
	9	5	40	42.7	36-54.5	121-22.1	4.8	1.0	21	92	6.1	0.11	0.4	0.6 B	THREE SISTERS
	9	11	32	12.1	36-34.3	121-12.7	7.9	1.0	12	110	2.1	0.05	0.3	0.5 B	BICKMORE CANYON
	9	19	32	10.8	35-51.5	121-11.7	9.0	1.9	8	138	19.9	0.04	0.3	0.5 B	BURNETT PEAK
	10	1	40	46.3	37-1.4	121-28.0	4.7	0.4	6	107	1.5	0.04	0.4	0.7 B	GILROY HOT SPRINGS
	10	8	34	9.0	37-28.7	121-37.4	4.8	1.0	8	156	13.0	0.12	0.9	0.7 B	EYLAR MTN
	10	9	56	7.4	36-55.5	121-25.2	7.5	0.8	10	100	6.7	0.07	0.5	1.2 B	SAN FELIPE
	10	10	53	2.7	37-4.2	121-30.2	9.2	0.8	7	106	5.2	0.02	0.3	0.6 B	GILROY
	10	10	53	40.4	37-4.4	121-30.2	7.9	1.1	15	69	5.6	0.08	0.4	0.8 A	GILROY
	10	12	17	58.6	36-31.0	121-8.1	10.4	1.3	13	82	5.5	0.10	0.5	1.0 A	BICKMORE CANYON
	10	15	19	14.7	36-52.7	121-37.3	5.7	1.9	27	98	5.2	0.19	0.6	0.8 B	CHITTENDEN
	10	15	20	15.3	36-52.5	121-37.1	5.7	2.5	28	98	4.9	0.14	0.4	0.6 B	SAN JUAN BAUTISTA
	10	16	42	27.3	36-52.6	121-36.3	5.1	1.1	11	98	5.8	0.10	0.5	1.5 B	CHITTENDEN
	10	22	57	46.3	37-41.8	121-33.3	10.4	1.3	11	237	13.5	0.13	1.8	2.8 C	MIDWAY
	11	2	37	19.1	36-48.0	121-17.8	4.8	1.0	15	67	8.4	0.07	0.3	0.4 B	TRES PINOS
	11	10	29	1.8	36-1.0	120-36.0	9.9	1.7	7	163	13.8	0.07	1.2	1.3 C	SMITH MTN
	11	10	33	46.7	36-54.2	121-38.3	5.0	1.3	16	103	3.6	0.11	0.4	0.6 B	WATSONVILLE EAST
	11	15	9	22.8	36-35.1	121-12.6	4.4	0.7	7	137	2.1	0.05	0.9	1.1 B	BICKMORE CANYON
	11	23	6	2.8	36-26.1	121-2.1	0.1	1.7	10	81	1.9	0.06	0.3	0.3 A	TOPO VALLEY
	11	23	32	11.6	36-31.1	121-7.8	10.7	1.4	15	72	4.9	0.08	0.3	0.7 A	BICKMORE CANYON
	12	2	42	6.0	37-18.0	121-39.2	3.2	1.1	8	108	5.0	0.05	0.3	0.2 B	LICK OBSERVATORY
	12	2	47	51.7	35-59.5	120-33.9	11.8	1.5	9	148	9.6	0.13	1.8	1.9 C	STOCKDALE MTN
	12	3	2	59.1	36-26.2	121-1.8	0.2	1.3	7	109	1.7	0.07	0.5	0.4 B	TOPO VALLEY
	12	5	14	58.3	38-32.4	122-44.5	5.4	1.7	10	123	2.0	0.11	0.8	1.3 B	MARK WEST SPRINGS
	12	5	36	57.1	36-37.6	121-16.2	1.3	1.5	11	67	4.3	0.09	0.4	0.3 A	PAICINES
	12	9	31	29.5	35-53.0	120-47.4	11.4	1.9	9	137	25.8	0.09	0.7	4.7 C	WUNPOST
	12	11	10	36.3	36-27.4	121-4.4	6.8	1.9	23	64	6.0	0.11	0.3	0.9 A	TOPO VALLEY
	12	16	4	41.1	36-33.6	121-4.3	13.2	0.7	7	195	5.5	0.04	0.7	1.1 C	SAN BENITO

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	VO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
MAY	12	16	26	40.5	36-56.0	121-22.3	5.6	0.6	12	99	6.1	0.10	0.10	0.5	1.6	B	THREE SISTERS
	12	20	15	31.9	36-31.4	121-18.8	5.1	1.9	18	57	6.5	0.10	0.10	0.3	0.6	B	RICKMORE CANYON
	13	0	0	17.6	37-29.0	121-48.8	5.8	0.6	8	118	3.8	0.14	0.14	1.0	1.8	B	CALAVERAS RESERVOIR
	13	1	44	38.8	36-27.8	121-5.2	8.7	2.3	24	63	5.2	0.10	0.10	0.3	0.7	A	TOPO VALLEY
	13	7	48	25.8	37-0.3	121-42.5	13.1	0.8	10	93	2.9	0.12	0.12	1.0	2.4	B	MT MADONNA
	13	16	46	30.4	37-7.7	122-18.3	10.8	1.4	12	213	8.7	0.11	0.11	0.9	1.6	C	FRANKLIN POINT
	13	17	39	46.4	36-17.4	120-53.0	4.7	1.2	6	115	5.0	0.15	0.15	1.5	4.4	B	LONDAK
	13	22	16	5.9	38-32.1	122-44.7	5.0	1.8	12	98	2.6	0.14	0.14	0.8	1.5	B	MARK WEST SPRINGS
	14	6	20	14.6	37-22.0	122-14.7	10.1	1.4	13	85	3.9	0.09	0.09	0.5	0.8	A	MINDEGO HILL
	14	6	51	7.9	36-41.9	121-21.1	2.6	0.6	11	69	1.3	0.07	0.07	0.4	0.3	A	PAICINES
	14	8	30	23.6	36-33.2	121-29.8	3.7	1.3	19	52	3.5	0.08	0.08	0.2	0.3	A	SAN FELIPE
	14	10	24	26.4	36-35.1	121-12.3	2.7	0.9	12	65	1.8	0.10	0.10	0.4	0.4	A	BICKMORE CANYON
	14	11	45	39.7	36-26.8	121-3.1	6.3	1.0	10	103	3.9	0.11	0.11	0.7	1.3	B	TOPO VALLEY
	14	18	20	19.2	36-37.7	121-16.1	4.1	0.9	9	71	4.2	0.13	0.13	0.8	1.8	A	PAICINES
	14	19	53	21.8	37-10.4	121-33.2	3.3	0.7	11	115	6.4	0.13	0.13	0.7	0.6	B	MT SIZER
	15	0	54	24.4	37-24.0	121-44.3	4.6	0.6	6	117	4.8	0.06	0.06	0.6	0.4	B	MT DAY
	15	14	8	29.4	35-49.0	120-24.2	6.4	1.8	7	187	4.8	0.06	0.06	5.3	11.8	D	CHOLAME HILLS
	15	14	44	13.6	35-50.0	120-21.8	10.3	2.4	8	155	1.0	0.04	0.04	1.1	0.5	C	CHOLAME VALLEY
	15	16	57	21.3	36-45.1	121-8.8	6.4	1.8	30	91	9.9	0.10	0.10	0.3	1.0	B	QUIEN SARE VALLEY
	15	17	14	8.2	36-32.7	121-5.7	11.3	1.9	21	80	4.2	0.11	0.11	0.4	0.6	A	SAN RENITO
	15	17	29	19.0	36-54.7	121-35.1	3.4	1.4	13	76	5.0	0.06	0.06	0.2	0.3	B	CHITTENDEN
	15	19	0	15.6	36-54.2	121-29.3	6.4	0.8	12	84	2.4	0.06	0.06	0.3	1.0	A	SAN FELIPE
	15	19	10	26.5	37-31.9	121-37.6	5.4	2.2	20	84	7.1	0.29	0.29	1.1	1.0	B	MENDENHALL SPRINGS
	15	20	2	59.5	36-41.5	121-19.6	11.8	2.0	22	74	2.4	0.13	0.13	0.5	0.9	A	PAICINES
	16	1	25	14.8	37-30.6	121-38.7	1.4	1.2	7	147	9.4	0.02	0.02	0.1	0.1	B	MENDENHALL SPRINGS
	16	2	9	13.6	36-26.1	121-2.1	0.1	1.4	8	106	1.8	0.08	0.08	0.5	0.5	B	TOPO VALLEY
	16	9	12	30.4	36-34.7	121-12.6	6.7	0.9	9	98	2.0	0.05	0.05	0.3	0.5	B	RICKMORE CANYON
	16	12	0	4.7	37-23.5	121-43.1	3.1	0.7	7	90	4.9	0.09	0.09	0.9	0.8	A	MT DAY
	16	21	56	34.9	36-43.7	121-25.1	6.0	1.0	15	75	7.0	0.15	0.15	0.7	1.5	B	MT HARLAN
	16	22	46	26.1	36-41.4	121-20.3	2.8	1.3	14	76	2.2	0.15	0.15	0.7	0.6	B	PAICINES
	16	23	20	33.8	36-3.1	120-37.8	5.6	1.1	7	169	10.4	0.13	0.13	2.6	4.5	C	SLACK CANYON
	16	23	22	17.2	36-54.3	121-38.5	4.4	1.6	20	101	3.3	0.09	0.09	0.3	0.3	B	WATSONVILLE EAST
	17	3	22	25.3	36-57.4	121-37.2	3.7	1.0	9	77	3.3	0.14	0.14	0.8	0.9	A	CHITTENDEN
	17	4	0	17.8	36-27.7	121-4.0	3.3	1.5	14	77	5.4	0.13	0.13	0.6	0.7	B	TOPO VALLEY
	17	5	25	4.1	35-55.6	120-28.3	4.2	1.4	6	116	2.0	0.04	0.04	0.5	0.2	B	PARKFIELD
	17	15	50	59.8	36-42.1	121-13.0	10.2	2.3	28	64	5.6	0.11	0.11	0.3	0.6	A	CHERRY PEAK
	17	16	13	38.0	36-41.9	121-12.6	11.6	1.2	14	97	4.0	0.09	0.09	0.5	0.8	B	CHERRY PEAK
	17	18	43	55.1	35-54.9	120-28.3	3.9	1.8	7	116	3.3	0.06	0.06	0.7	0.4	B	PARKFIELD
	17	20	28	53.7	36-42.2	121-12.3	11.7	0.7	10	193	5.1	0.07	0.07	0.8	1.3	C	CHERRY PEAK
	17	21	37	5.8	36-42.0	121-12.2	12.2	0.6	7	191	4.7	0.09	0.09	1.4	2.1	C	CHERRY PEAK
	17	22	41	15.9	36-42.0	121-12.1	13.5	0.8	9	192	4.6	0.08	0.08	1.1	1.6	C	CHERRY PEAK
	18	1	56	24.1	36-59.1	121-39.8	7.4	0.9	12	88	5.3	0.11	0.11	0.6	1.5	A	WATSONVILLE EAST
	18	6	38	43.4	37-21.5	121-33.0	7.5	1.2	16	137	1.8	0.12	0.12	0.6	1.1	B	ISABEL VALLEY
	18	9	26	52.8	36-58.0	121-41.7	12.9	1.3	22	70	2.9	0.08	0.08	0.3	0.4	A	WATSONVILLE EAST
	18	12	35	7.8	36-40.4	121-6.6	2.7	1.0	9	91	1.9	0.08	0.08	1.7	0.9	B	PANOCH PASS

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	FRZ	Q	QUADRANGLE
MAY	18	21	27	1.3	36-38.7	120-46.7	10.0	1.7	14	144	2.3	0.16	1.0	1.2	C		MERCY HOT SPRINGS
	19	11	4	12.9	36-47.7	121-18.6	5.8	0.5	7	127	10.0	0.04	0.4	1.6	B		TRES PINOS
	19	17	4	3.8	37-9.0	121-35.5	3.9	0.8	7	101	3.2	0.10	0.9	0.7	B		MT SIZER
	19	17	34	13.9	37-6.5	121-33.3	4.8	1.2	20	93	8.7	0.10	0.3	0.5	B		GILROY
	19	18	34	14.5	36-54.4	121-25.1	2.6	1.3	18	69	5.7	0.11	0.3	0.3	B		SAN FELIPE
	19	19	7	46.2	36-55.2	121-28.6	5.3	0.5	9	110	2.8	0.05	0.4	0.7	B		SAN FELIPE
	20	3	11	34.9	36-57.3	121-37.1	3.6	1.0	11	64	3.2	0.11	0.5	0.4	A		CHITTENDEN
	20	6	36	49.1	36-53.9	121-24.2	4.6	0.3	11	70	4.8	0.07	0.3	0.3	B		SAN FELIPE
	20	15	47	24.1	36-31.1	121-5.5	8.7	0.6	12	87	1.8	0.19	1.1	2.0	B		SAN RENITO
	20	15	47	52.0	36-31.6	121-5.1	6.8	1.0	11	89	2.1	0.20	1.1	2.0	B		SAN RENITO
	20	16	31	26.9	36-33.7	121-8.4	11.1	1.7	23	54	4.6	0.09	0.3	0.5	A		BICKMORE CANYON
	20	16	43	13.8	37-51.8	122-0.7	9.8	0.4	9	104	6.8	0.11	0.9	1.7	B		LAS TRAMPAS RIDGE
	21	4	7	20.1	37-45.1	121-57.2	6.0	0.5	8	97	4.4	0.06	0.4	0.3	B		DIABLO
	21	5	25	25.9	36-46.6	121-16.1	9.3	1.4	14	69	10.0	0.25	1.2	3.9	B		TRES PINOS
	21	5	44	28.6	36-32.1	121-6.5	10.0	1.1	12	78	3.9	0.15	0.8	1.8	B		SAN RENITO
	21	9	39	50.1	37-3.9	121-29.9	7.5	0.6	8	98	5.8	0.02	0.2	0.5	B		GILROY HOT SPRINGS
	21	12	9	8.8	36-55.0	121-28.7	4.8	1.7	33	50	2.6	0.09	0.2	0.3	A		SAN FELIPE
	21	19	37	10.0	36-31.9	121-4.6	10.5	0.9	9	121	2.4	0.13	1.4	2.5	B		SAN RENITO
	22	1	16	40.9	37-38.4	121-41.3	6.8	0.8	8	166	6.7	0.10	0.8	2.1	C		ALTAMONT
	22	2	50	52.7	36-41.9	121-22.2	4.3	1.4	17	73	2.7	0.17	0.7	0.7	B		PAICINES
	22	5	35	37.8	36-55.1	121-28.9	5.2	0.5	9	79	2.3	0.03	0.2	0.4	A		SAN FELIPE
	22	6	11	36.3	36-42.9	121-7.1	5.6	1.3	17	61	6.2	0.13	0.7	1.2	B		PANOCH PASS
	22	7	12	15.3	36-42.1	121-12.3	7.1	0.6	10	118	4.9	0.07	0.4	1.4	B		CHERRY PEAK
	22	7	44	48.6	36-31.8	121-9.4	7.1	1.1	17	81	5.9	0.08	0.3	0.8	A		BICKMORE CANYON
	22	13	41	22.9	36-52.1	121-20.8	5.5	0.7	9	83	3.9	0.07	0.5	1.2	A		TRES PINOS
	22	20	0	52.7	36-46.2	121-16.4	4.5	1.0	20	90	8.9	0.07	0.3	0.3	B		TRES PINOS
	23	2	26	17.6	36-16.3	121-52.0	4.7	1.5	11	226	9.7	0.07	0.9	3.3	C		BIG SUR
	23	4	59	51.1	37-19.7	121-40.4	9.3	1.8	31	73	8.1	0.10	0.3	0.7	A		LICK OBSERVATORY
	23	6	43	29.5	38-23.1	122-36.5	8.9	1.0	8	101	6.3	0.07	0.5	1.1	B		KENWOOD
	23	7	29	51.3	36-55.0	121-28.7	5.3	1.0	21	55	2.7	0.07	0.2	0.6	A		SAN FELIPE
	23	8	12	53.9	36-48.8	121-20.0	1.9	0.6	7	160	8.3	0.06	0.6	0.6	B		TRES PINOS
	23	12	33	26.1	37-5.6	121-59.1	10.5	1.7	15	95	8.4	0.10	0.5	0.6	B		LAUREL
	23	12	38	52.4	37-5.6	121-59.1	10.1	1.7	15	95	8.3	0.08	0.4	0.9	B		LAUREL
	23	15	27	45.9	36-33.5	121-3.4	17.9	0.8	8	161	4.6	0.03	0.6	0.9	B		SAN RENITO
	23	17	12	0.7	36-35.4	121-13.0	3.9	0.9	10	67	2.9	0.09	0.6	0.5	A		BICKMORE CANYON
	23	20	13	52.5	36-27.5	121-4.4	3.5	2.8	29	54	5.7	0.17	0.5	0.5	B		TOPO VALLEY
	24	0	16	11.6	36-33.0	121-10.9	6.6	1.7	25	61	2.9	0.09	0.3	0.6	A		BICKMORE CANYON
	24	0	20	34.9	36-33.2	121-10.9	5.9	1.6	21	60	2.6	0.09	0.3	0.7	A		BICKMORE CANYON
	24	1	47	35.3	37-6.1	121-29.2	6.0	0.7	16	109	3.5	0.13	0.6	1.2	B		GILROY HOT SPRINGS
	24	5	38	7.2	38-28.8	122-40.0	5.4	1.2	9	75	6.9	0.10	0.6	2.6	B		SANTA ROSA
	24	11	40	23.2	36-13.7	120-50.5	7.2	2.9	27	67	4.4	0.24	0.7	1.4	B		MONARCH PEAK
	24	12	14	15.8	36-14.6	120-50.0	2.9	1.2	9	126	4.7	0.15	1.0	5.6	C		MONARCH PEAK
	24	17	10	3.5	37-5.8	121-29.3	6.3	1.0	11	149	3.6	0.09	0.6	1.1	B		GILROY HOT SPRINGS
	24	23	15	57.5	36-28.4	121-5.3	5.2	1.4	16	85	4.3	0.08	0.3	0.4	A		TOPO VALLEY
	25	0	6	46.5	36-3.9	120-41.3	1.8	1.9	11	119	5.7	0.26	1.5	1.4	B		SLACK CANYON



## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	FRZ	Q	QUADRANGLE
MAY	25	0	46	15.5	38-23.4	122-38.2	2.9	1.5	8	98	3.9	0.15	0.6	0.9	B		SANTA ROSA
	25	2	48	20.2	37-29.1	121-41.5	4.1	1.6	14	115	10.2	0.12	0.5	0.5	B		MT DAY
	25	11	8	31.9	36-9.5	120-46.2	5.3	1.1	6	152	6.8	0.09	1.3	3.1	C		MONARCH PEAK
	25	15	24	44.3	36-51.2	121-34.2	3.0	0.2	6	153	3.9	0.04	0.4	0.4	R		SAN JUAN BAUTISTA
	26	2	42	36.7	36-35.7	121-13.7	4.0	1.1	14	65	4.2	0.08	0.4	0.4	A		BICKMORE CANYON
	26	8	44	2.5	36-38.0	121-15.9	3.7	1.1	9	77	2.3	0.10	0.7	0.5	A		PAICINES
	26	15	44	16.7	36-36.3	121-3.1	9.1	1.4	14	70	2.8	0.13	0.6	1.0	A		SAN RENITO
	26	21	55	39.8	37-2.0	121-44.2	13.5	1.5	25	40	5.9	0.10	1.3	0.3	A		MT MADONNA
	26	13	37	29.9	36-42.2	121-13.7	7.3	0.9	7	165	5.7	0.09	1.3	1.9	C		CHERRY PEAK
	27	13	56	9.9	38-12.1	122-10.3	8.1	1.6	11	76	9.5	0.23	1.0	4.3	B		CORDELIA
	27	17	10	11.3	36-48.0	121-24.7	6.8	1.2	14	82	6.2	0.15	0.7	2.4	B		HOLLISTER
	27	19	44	11.2	36-29.7	121-6.3	1.9	1.4	14	67	3.1	0.09	0.3	0.2	A		TOPO VALLEY
	27	20	6	10.3	36-34.1	121-4.1	11.6	1.5	19	67	4.6	0.12	0.4	0.8	A		SAN RENITO
	28	0	11	46.1	36-30.4	121-7.0	8.0	1.2	14	48	3.8	0.09	0.4	1.0	A		SAN BENITO
	28	0	38	50.7	36-35.5	121-0.6	5.4	1.3	10	114	1.3	0.08	0.5	0.4	B		SAN BENITO
	28	0	42	20.3	36-33.5	121-10.9	4.3	1.6	15	80	1.9	0.08	0.3	0.6	A		BICKMORE CANYON
	28	0	46	43.5	36-13.6	120-50.1	5.8	2.2	19	100	3.8	0.24	0.9	1.9	B		MONARCH PEAK
	28	4	1	25.3	36-32.7	121-10.8	8.7	1.2	11	92	10.1	0.03	0.2	0.7	B		BICKMORE CANYON
	28	8	18	43.7	38-21.4	122-23.2	5.1	2.0	14	58	6.7	0.22	0.9	1.4	B		SONOMA
	28	14	5	35.1	36-26.8	121-4.2	7.1	1.8	22	75	5.2	0.10	0.4	0.9	A		TOPO VALLEY
	28	15	2	32.8	36-10.6	120-47.1	8.4	3.0	28	65	4.4	0.23	0.8	1.0	B		MONARCH PEAK
	28	15	24	26.7	36-57.2	121-35.7	6.3	0.8	10	163	1.2	0.05	0.4	0.6	B		CHITTENDEN
	28	17	31	47.3	36-33.7	121-11.2	4.1	1.5	14	65	1.5	0.07	0.3	0.5	A		BICKMORE CANYON
	28	17	42	28.4	36-27.5	121-4.0	1.2	1.1	9	111	5.7	0.09	0.5	0.4	B		TOPO VALLEY
	28	19	39	20.7	36-25.4	121-2.7	6.6	2.8	19	45	2.3	0.12	0.4	0.9	A		TOPO VALLEY
	28	19	59	14.3	36-33.3	121-11.0	4.7	2.0	26	43	2.4	0.11	0.3	0.8	A		BICKMORE CANYON
	28	20	29	48.4	36-25.3	121-2.8	7.3	2.4	21	41	2.5	0.12	0.4	0.9	A		TOPO VALLEY
	28	21	6	46.7	36-25.0	121-2.5	9.0	1.1	9	131	10.7	0.06	0.4	1.5	B		TOPO VALLEY
	28	21	13	10.1	36-37.1	121-12.6	10.3	1.2	13	55	3.2	0.08	0.4	0.7	A		BICKMORE CANYON
	28	23	18	46.9	36-31.2	121-7.9	10.4	2.3	22	40	5.1	0.09	0.3	0.5	A		BICKMORE CANYON
	29	0	14	36.8	36-17.7	120-53.8	2.2	1.6	11	95	3.7	0.18	0.8	0.8	B		LONOK
	29	10	57	38.0	36-33.0	121-6.4	12.2	1.2	13	61	5.3	0.10	0.5	1.1	A		SAN RENITO
	29	12	12	24.8	37-4.8	121-28.5	12.5	0.5	10	93	3.0	0.20	1.5	2.4	B		GILROY HOT SPRINGS
	29	16	6	40.3	36-29.0	120-40.0	6.5	1.7	11	151	18.3	0.17	1.1	1.9	C		IDRIA
	29	19	7	59.8	36-25.2	121-2.4	7.4	1.9	21	71	2.0	0.10	0.3	0.6	A		TOPO VALLEY
	29	20	10	43.9	37-9.5	122-22.2	9.6	1.3	10	264	4.9	0.12	1.9	1.3	C		FRANKLIN POINT
	30	1	27	57.8	36-58.0	121-38.4	3.0	1.9	21	46	4.3	0.10	0.3	0.3	A		WATSONVILLE EAST
	30	1	36	36.2	36-28.7	121-5.6	3.5	1.5	17	106	3.9	0.18	0.7	0.9	B		TOPO VALLEY
	30	5	2	29.1	36-12.6	120-47.9	7.5	1.3	6	119	0.6	0.02	0.2	0.3	B		MONARCH PEAK
	30	9	41	50.6	36-27.2	121-4.1	8.2	0.8	9	97	5.5	0.07	0.5	0.9	B		TOPO VALLEY
	30	20	7	24.6	36-44.3	121-21.9	5.9	0.4	8	98	3.7	0.04	0.3	0.5	B		PAICINES
	30	22	41	20.1	36-55.1	121-28.6	4.9	0.8	10	109	2.7	0.09	0.5	1.3	B		SAN FELIPE
	31	0	53	56.6	36-33.4	121-11.5	8.1	0.7	11	83	2.1	0.08	0.5	0.9	A		BICKMORE CANYON
	31	3	42	2.6	36-31.1	121-7.9	10.9	0.8	9	88	8.2	0.08	0.6	1.5	A		BICKMORE CANYON
	31	7	35	4.4	38-22.0	122-37.4	1.5	1.3	7	96	5.4	0.06	0.5	0.5	B		GLEN ELLEN

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
MAY	31	7	57	31.6	37-20.0	122-12.4		5.8	0.8	7	90	2.2	0.07	0.6	1.0	A	MINDEGO HILL
	31	11	6	35.4	38-27.4	122-37.9		10.8	1.3	9	102	7.4	0.16	1.1	2.2	B	SANTA ROSA
	31	11	7	46.6	38-27.4	122-38.0		10.7	1.2	10	100	7.3	0.15	1.0	1.9	B	SANTA ROSA
	31	23	59	33.9	37- 5.1	121-30.1		9.4	0.6	7	128	5.0	0.03	0.3	0.7	B	GILROY
JUN	1	0	59	33.9	37- 5.1	121-30.1		9.4	0.8	7	128	5.0	0.03	0.3	0.7	B	GILROY
	1	7	57	20.8	36-27.8	120-44.3		0.6	1.6	11	201	12.3	0.15	1.3	1.2	C	IDRIA
	1	9	57	54.5	36-50.5	121-34.9		5.9	2.0	25	58	4.8	0.17	0.6	0.7	B	SAN JUAN BAUTISTA
	1	11	28	10.1	36-22.1	120-59.3		8.1	1.4	15	75	6.9	0.16	0.7	1.6	B	LONOK
	1	13	41	31.5	36-47.1	121-27.0		7.5	0.8	9	93	5.0	0.11	0.8	1.8	B	HOLLISTER
	2	0	48	42.5	36-33.1	121-10.4		3.6	1.4	13	87	3.0	0.07	0.3	0.3	A	BICKMORE CANYON
	2	1	59	25.1	36-33.3	121- 8.3		9.5	0.9	8	91	5.0	0.10	0.9	1.9	A	BICKMORE CANYON
	2	2	51	34.4	36-43.8	121-23.3		2.3	1.6	21	61	4.7	0.19	0.8	0.8	B	MT HARLAN
	2	3	29	28.8	36-29.6	121- 7.3		9.8	0.9	12	68	4.5	0.07	0.4	1.0	A	TOPO VALLEY
	2	4	49	58.2	38-25.4	122-26.8		5.5	1.1	10	123	6.1	0.11	0.6	1.7	B	RUTHERFORD
	2	9	1	33.3	36-47.2	121-26.3		5.8	0.7	9	104	5.9	0.07	0.5	0.8	B	HOLLISTER
	2	10	7	59.7	37-13.4	121-43.8		5.7	1.2	12	63	6.3	0.10	0.5	0.7	B	MORGAN HILL
	2	11	31	4.6	36-57.0	121-35.0		5.4	1.2	16	43	0.9	0.05	0.2	0.4	A	CHITTENDEN
	2	13	4	25.4	36-47.2	121-18.3		3.4	0.9	9	69	9.3	0.12	0.7	1.5	B	TRES PINOS
	2	20	14	38.8	35-59.4	120-36.0		1.4	1.4	10	117	12.4	0.11	0.7	0.9	B	STOCKDALE MTN
	2	20	22	22.0	35-59.4	120-36.0		1.2	1.5	11	78	12.4	0.12	0.7	0.9	B	STOCKDALE MTN
	2	23	47	11.4	36-35.3	121- 5.6		2.2	1.0	7	90	6.0	0.05	0.5	0.4	B	SAN RENITO
	3	0	55	21.4	36-46.9	121-21.7		13.3	0.5	7	128	8.2	0.04	0.4	1.0	B	TRES PINOS
	3	5	12	58.4	36-33.2	121-11.4		9.2	0.5	10	126	2.4	0.03	0.2	0.3	B	BICKMORE CANYON
	3	6	27	6.5	37-49.1	121-57.7		12.5	0.5	9	117	3.2	0.07	0.6	1.1	B	DIABLO
	3	11	32	19.1	36-33.8	121-11.5		6.4	0.9	12	121	1.4	0.03	0.2	0.3	B	BICKMORE CANYON
	3	11	32	59.5	35-55.8	120-30.8		9.4	2.0	11	100	3.9	0.15	1.0	1.6	B	STOCKDALE MTN
	3	12	23	22.8	36-51.8	121-35.5		3.8	1.6	20	64	2.4	0.13	0.4	0.4	A	SAN JUAN BAUTISTA
	3	14	55	44.4	36-49.6	121-23.8		7.2	0.7	10	96	3.5	0.13	0.8	1.7	B	HOLLISTER
	3	20	24	8.7	36-52.1	121-35.5		3.1	1.6	16	83	1.9	0.11	0.4	0.3	A	SAN JUAN BAUTISTA
	3	23	9	16.8	36-30.0	121- 7.0		5.2	1.7	24	46	3.8	0.14	0.4	0.6	A	SAN RENITO
	4	5	58	30.8	36-39.4	121-18.4		1.0	1.4	14	52	3.3	0.10	0.4	0.5	A	PAICINES
	4	6	22	44.4	37-45.8	122-28.1		17.5	1.4	14	125	11.3	0.11	0.7	1.1	B	SAN FRANCISCO NORTH
	4	11	12	15.8	35-49.0	121-10.0		10.0	1.7	10	259	29.7	0.14	2.4	1.4	C	BURNETT PEAK
	4	12	7	37.4	36- 2.1	120-37.2		8.5	1.0	8	166	12.2	0.11	1.5	1.8	C	SMITH MTN
	4	12	36	31.9	36-44.9	121-27.4		4.9	2.1	38	38	3.1	0.18	0.4	0.6	B	MT HARLAN
	4	12	41	19.6	36-32.7	121- 5.7		12.4	1.2	12	102	4.3	0.11	0.7	1.3	B	SAN RENITO
	4	13	31	28.5	36-32.7	121- 6.0		12.4	1.2	12	96	4.5	0.13	0.7	1.4	B	SAN RENITO
	4	13	33	45.1	36-34.1	121-16.9		1.5	1.2	12	59	3.5	0.10	0.4	0.3	A	PAICINES
	4	19	6	20.4	36-56.8	121-17.9		5.6	1.8	30	79	6.9	0.12	0.4	1.4	B	THREE SISTERS
	4	20	51	24.1	36-59.9	121-39.8		10.1	1.9	26	44	5.5	0.11	0.4	0.7	A	WATSONVILLE EAST
	5	5	42	54.0	37-33.8	121-52.2		7.4	0.4	10	122	4.7	0.09	0.6	1.2	B	LA COSTA VALLEY
	5	6	57	33.4	36-37.1	121-16.3		9.6	0.0	14	59	7.5	0.08	0.4	0.7	A	MT JOHNSON
	5	12	45	25.9	36-42.7	121-13.8		8.1	1.5	17	61	6.3	0.08	0.3	0.8	A	CHERRY PEAK
	5	14	38	45.9	37-45.9	122-28.2		16.8	2.0	25	80	7.6	0.12	0.4	0.7	A	SAN FRANCISCO NORTH
	5	16	40	28.2	36-36.9	121-15.2		4.4	1.2	15	59	2.5	0.08	0.3	0.4	A	MT JOHNSON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	FRZ	Q	QUADRANGLE
JUN	5	16	42	5.6	36-36.9	121-15.3	4.8	1.8	23	38	2.6	0.12	0.4	0.5	A		MT JOHNSON
	5	22	54	59.6	36-42.7	121-13.7	10.5	0.8	8	131	6.4	0.05	0.6	1.2	B		CHERRY PEAK
	5	22	58	13.1	37-13.0	122- 8.0	9.1	1.5	16	90	2.9	0.10	0.5	0.7	B		RIG RASIN
	6	2	26	54.2	36-29.7	121- 7.1	5.1	1.8	25	51	4.2	0.12	0.3	0.6	A		TOPO VALLEY
	6	11	46	29.8	36-48.4	120-54.1	4.6	1.7	21	111	8.2	0.18	0.8	0.7	B		ORTIGALITA PEAK
	6	12	13	50.9	38-22.8	122-38.2	5.0	2.8	20	50	3.9	0.17	0.6	1.0	B		SANTA ROSA
	6	12	14	43.0	38-23.4	122-37.7	3.8	2.4	15	80	4.6	0.16	0.7	0.8	B		SANTA ROSA
	6	12	31	55.3	38-23.4	122-38.0	4.8	2.0	14	89	4.1	0.15	0.6	1.2	A		SANTA ROSA
	6	13	30	23.1	38-23.1	122-38.4	3.2	1.3	11	92	3.5	0.12	0.6	0.7	B		SANTA ROSA
	6	15	1	48.7	37-22.6	121-43.3	6.0	1.2	9	83	3.6	0.07	0.4	0.9	A		MT DAY
	6	16	44	7.5	36-34.6	121-13.3	8.4	1.4	19	68	2.9	0.05	0.2	0.3	A		BICKMORE CANYON
	6	20	40	5.5	36-51.8	121-35.2	3.5	0.5	9	91	2.3	0.10	0.6	0.5	B		SAN JUAN BAUTISTA
	6	23	50	30.7	36-30.8	121- 7.9	9.6	1.4	13	60	5.0	0.09	0.5	1.0	A		BICKMORE CANYON
	7	0	5	37.9	36-36.6	121-14.1	2.2	1.0	12	59	2.8	0.11	0.5	0.5	A		BICKMORE CANYON
	7	14	3	7.1	38-23.4	122-37.7	1.6	1.4	9	92	4.6	0.11	0.6	0.7	B		SANTA ROSA
	7	19	14	36.7	36-31.8	121- 9.9	10.0	1.2	19	51	5.4	0.08	0.3	0.5	A		BICKMORE CANYON
	7	21	6	26.2	37-14.7	121-33.6	4.5	1.3	19	110	10.0	0.15	0.6	0.4	B		MT SIZER
	7	22	3	31.8	36-31.5	121- 6.6	11.6	1.3	20	57	3.5	0.09	0.3	0.6	A		SAN RENITO
	8	7	35	29.5	36-30.9	121- 7.8	10.4	0.8	11	90	4.9	0.06	0.4	1.0	A		BICKMORE CANYON
	8	8	57	3.9	36-39.1	121-25.2	10.4	1.5	26	75	9.0	0.12	0.4	0.7	A		MT HARLAN
	8	11	3	38.1	36-32.0	121- 7.1	4.1	1.1	9	79	4.6	0.15	0.9	2.9	B		SAN RENITO
	8	12	53	16.9	36-35.6	121-14.2	8.4	0.9	14	68	4.6	0.07	0.4	0.6	A		BICKMORE CANYON
	9	1	45	22.7	37-22.8	121-35.3	5.6	1.9	26	135	6.0	0.21	0.7	0.8	C		EYLAR MTN
	9	8	38	13.1	37-30.3	121-40.1	6.2	1.6	18	130	10.4	0.10	0.5	0.5	B		MENDENHALL SPRINGS
	9	10	3	38.6	36-29.4	121- 6.5	3.4	1.3	14	63	3.7	0.10	0.4	0.5	A		TOPO VALLEY
	9	19	39	21.7	36-40.7	121-19.1	1.1	0.4	8	130	4.0	0.06	0.4	0.7	B		PAICINES
	9	22	6	34.5	36-31.1	121- 8.2	9.6	1.1	14	82	5.5	0.07	0.3	0.7	A		BICKMORE CANYON
	9	23	36	53.2	36-35.1	121-14.2	9.0	2.1	29	28	4.4	0.11	0.3	0.6	A		BICKMORE CANYON
	10	0	3	56.6	36-35.2	121-14.2	8.9	3.0	36	28	4.4	0.13	0.3	0.6	A		BICKMORE CANYON
	10	0	28	13.8	35-46.4	121- 8.6	9.5	2.6	17	129	10.2	0.13	0.7	0.8	B		BURNETT PEAK
	10	2	42	42.9	36-32.7	121- 8.0	9.8	0.8	9	90	6.1	0.04	0.3	0.6	B		BICKMORE CANYON
	10	3	40	21.0	36-33.0	121- 8.3	10.8	0.6	6	148	5.3	0.02	0.3	0.6	B		BICKMORE CANYON
	10	5	12	11.4	36-35.3	121-14.3	9.1	2.2	31	29	4.6	0.12	0.3	0.6	A		BICKMORE CANYON
	10	14	11	23.9	36-33.9	121-10.9	3.3	1.3	15	64	1.3	0.09	0.4	0.3	A		BICKMORE CANYON
	10	15	1	36.8	38-30.1	122-43.4	2.9	2.6	13	102	5.5	0.12	0.6	0.6	B		MARK WEST SPRINGS
	10	15	38	18.9	36-40.5	121-19.3	15.5	1.0	11	65	4.3	0.09	0.7	1.1	A		PAICINES
	10	16	23	26.9	37-45.6	121-56.9	7.0	1.8	10	66	3.4	0.05	0.3	0.2	A		DIABLO
	10	22	36	14.5	36-44.2	121-23.0	8.4	0.7	6	133	4.6	0.04	0.5	0.9	B		MT HARLAN
	11	1	6	41.3	36-44.2	121-23.3	6.5	1.7	22	48	5.0	0.15	0.5	0.8	A		MT HARLAN
	11	4	14	20.4	37- 3.2	122-21.3	5.7	1.8	11	220	16.3	0.07	0.7	3.6	C		ANO NUEVO
	11	7	32	8.8	36-32.3	121- 9.0	10.5	1.2	14	73	5.5	0.06	0.3	0.5	A		BICKMORE CANYON
	11	11	0	1.9	36-33.8	121-13.0	1.9	1.8	24	40	2.8	0.18	0.5	0.4	B		BICKMORE CANYON
	11	13	34	7.0	36-44.2	121- 7.2	5.0	1.7	19	89	8.6	0.12	0.4	0.4	B		PANOCHÉ PASS
	11	14	3	20.5	36-44.1	121- 7.4	5.3	1.1	18	102	8.5	0.10	0.3	0.4	B		PANOCHÉ PASS
	11	16	36	29.6	36-30.9	121- 8.0	9.3	1.1	12	89	5.2	0.09	0.5	1.1	A		BICKMORE CANYON
	11	16	36	29.6	36-30.9	121- 8.0	9.3	1.1	12	89	5.2	0.09	0.5	1.1	A		BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MM	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JUN	11	17	47	24.7	36-57.8	121-38.3	2.9	1.6	18	48	4.1	0.10	0.4	0.3	A		WATSONVILLE EAST
	11	19	38	43.7	36-38.7	120-56.1	6.6	1.7	20	80	10.1	0.16	0.6	1.8	B		CERRO COLORADO
	11	20	17	22.3	36-40.6	121-19.8	3.3	1.3	17	64	3.8	0.18	0.7	0.7	B		PAICINES
	11	23	48	44.5	36-31.1	121-8.6	10.4	0.6	6	168	7.5	0.05	0.6	1.5	B		BICKMORE CANYON
	12	0	13	48.7	36-34.5	121-12.1	4.7	1.2	13	65	1.2	0.07	0.3	0.6	A		BICKMORE CANYON
	12	0	16	9.3	36-22.5	120-58.2	2.6	1.1	11	75	7.0	0.09	0.5	0.6	B		ROCK SPRING PEAK
	12	0	27	43.1	36-33.0	121-10.9	7.1	1.2	15	82	2.8	0.07	0.3	0.6	A		BICKMORE CANYON
	12	1	39	43.4	36-43.9	121-7.3	5.7	1.1	11	140	8.1	0.12	0.7	1.8	B		PANOCHÉ PASS
	12	4	39	17.3	36-37.5	121-17.0	10.3	1.6	25	44	3.1	0.12	0.4	0.5	A		MT JOHNSON
	12	6	32	1.2	36-13.3	120-49.5	5.8	3.1	26	69	2.8	0.24	0.8	1.5	9		MONARCH PEAK
	12	7	32	58.4	36-14.0	120-49.5	2.3	1.7	11	122	3.4	0.14	0.8	0.8	B		MONARCH PEAK
	12	15	37	56.0	36-54.3	121-14.1	1.2	0.9	7	182	6.9	0.09	0.7	0.6	C		MARIPOSA PEAK
	12	16	8	3.4	36-44.2	121-22.9	8.5	0.4	7	110	4.5	0.06	0.5	0.9	B		MT HARLAN
	12	16	12	44.0	36-34.3	121-18.5	10.1	0.4	10	85	4.3	0.11	0.7	1.3	A		MT JOHNSON
	12	16	16	24.6	36-44.3	121-23.3	6.2	1.8	20	58	5.1	0.16	0.6	0.9	B		MT HARLAN
	12	16	34	14.4	36-34.3	121-18.7	10.8	1.9	32	34	4.4	0.17	0.4	0.7	B		MT JOHNSON
	12	18	50	30.1	36-44.1	121-23.3	6.7	2.9	36	32	4.9	0.17	0.4	1.1	B		MT HARLAN
	12	18	54	16.8	36-44.5	121-23.2	7.0	0.4	8	93	5.2	0.03	0.2	0.4	B		MT HARLAN
	12	19	0	20.5	36-44.3	121-23.0	7.9	0.5	7	110	4.8	0.05	0.4	0.8	B		MT HARLAN
	12	19	3	47.2	36-44.4	121-23.0	7.1	0.8	6	111	5.0	0.01	0.1	0.2	B		MT HARLAN
	12	19	11	28.0	36-44.5	121-22.9	6.7	0.6	6	113	5.0	0.01	0.1	0.3	B		MT HARLAN
	12	19	13	22.5	36-44.1	121-22.8	7.1	1.1	9	77	4.4	0.15	0.9	2.2	B		MT HARLAN
	12	19	21	51.1	36-44.2	121-23.5	6.6	3.4	51	32	5.3	0.3	0.6	0.6	B		MT HARLAN
	12	19	23	37.2	36-44.6	121-23.6	3.6	1.6	13	91	5.9	0.25	1.8	2.0	B		MT HARLAN
	12	19	24	1.3	36-44.4	121-23.4	9.5	1.6	15	59	5.4	0.14	0.6	1.4	A		MT HARLAN
	12	19	26	16.8	36-44.4	121-23.0	8.1	1.1	9	88	4.9	0.05	0.3	0.7	A		MT HARLAN
	12	19	28	2.3	36-44.8	121-23.2	5.8	0.7	7	96	5.7	0.02	0.2	0.5	B		MT HARLAN
	12	19	34	58.2	36-44.4	121-23.6	6.1	1.5	16	90	5.6	0.18	0.7	1.7	B		MT HARLAN
	12	19	39	3.8	36-44.1	121-23.5	6.3	1.3	10	68	5.1	0.09	0.6	1.1	A		MT HARLAN
	12	19	54	30.9	36-44.2	121-23.7	6.4	2.2	21	89	5.4	0.14	0.5	1.1	A		MT HARLAN
	12	19	55	17.5	36-22.8	120-59.3	3.9	1.9	17	72	5.7	0.18	0.7	0.8	B		ROCK SPRING PEAK
	12	20	1	5.2	36-44.7	121-23.3	8.9	0.8	7	219	5.6	0.03	0.3	0.5	C		MT HARLAN
	12	20	10	49.6	36-44.2	121-23.2	7.8	1.0	7	102	5.0	0.04	0.3	0.7	B		MT HARLAN
	12	20	51	17.5	36-44.4	121-23.7	6.5	2.0	20	60	5.7	0.14	0.5	0.7	A		MT HARLAN
	12	21	49	19.8	36-44.4	121-23.1	6.6	1.5	11	89	5.1	0.08	0.4	1.0	A		MT HARLAN
	12	22	29	32.1	36-43.9	121-22.8	6.6	1.4	12	75	4.1	0.12	0.6	1.2	A		MT HARLAN
	12	22	33	33.4	36-44.4	121-23.2	6.8	1.0	8	92	5.1	0.03	0.2	0.4	B		MT HARLAN
	13	1	38	19.7	36-44.1	121-23.2	8.1	0.7	8	104	4.7	0.06	0.4	0.9	B		MT HARLAN
	13	5	8	36.3	36-44.4	121-23.4	7.4	0.5	8	105	5.4	0.06	0.5	1.0	B		MT HARLAN
	13	5	28	43.0	36-43.8	121-23.0	8.3	0.8	8	71	4.1	0.08	0.7	1.1	A		MT HARLAN
	13	6	50	16.8	36-44.3	121-23.2	8.1	0.3	6	107	5.1	0.04	0.5	0.9	B		MT HARLAN
	13	7	24	13.1	36-44.3	121-23.2	8.0	0.4	6	106	5.1	0.04	0.6	1.1	B		MT HARLAN
	13	7	39	30.1	37-33.8	121-45.7	1.4	1.1	11	92	10.8	0.15	0.6	0.6	C		LA COSTA VALLEY
	13	10	27	36.4	36-44.2	121-7.3	4.7	1.0	14	103	8.6	0.13	0.6	0.5	B		PANOCHÉ PASS
	13	11	21	12.3	36-44.3	121-22.8	7.3	0.4	8	113	4.6	0.05	0.4	0.8	B		MT HARLAN

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT N	LONG W	DEPTH	MAG	VO	GAP	DMIN	RMS	ERH	ERZ Q	QUADRANGLE	
JUN	13	13	52	46.7	36-44.2	121-23.2	6.9	0.8	10	91	4.9	0.05	0.3	0.7 B	MT HARLAN
	13	18	27	41.7	36-29.0	121-48.8	8.7	1.5	17	152	15.9	0.10	0.5	0.7 B	MT CARMEL
	14	0	31	45.9	36-44.0	121-23.0	5.8	1.5	16	63	4.4	0.11	0.4	0.8 A	MT HARLAN
	14	2	49	37.5	36-52.2	121-24.9	5.4	3.1	52	43	1.7	0.10	0.2	0.3 A	HOLLISTER
	14	2	59	8.2	36-44.3	121-23.2	6.3	1.8	19	57	4.9	0.13	0.4	0.7 A	MT HARLAN
	14	6	14	43.2	36-58.0	121-25.3	5.9	1.0	12	86	2.6	0.05	0.3	0.5 A	SAN FELIPE
	14	7	32	36.1	36-39.9	121-18.5	3.5	0.7	8	122	3.1	0.09	0.6	0.6 B	PAICINES
	14	10	35	34.3	36-44.2	121-23.0	6.5	1.4	16	61	4.7	0.09	0.3	0.8 A	MT HARLAN
	14	10	38	22.9	36-54.1	121-24.1	8.1	1.0	24	72	5.0	0.09	0.3	0.7 A	SAN FELIPE
	14	12	35	18.9	36-44.4	121-22.9	7.6	0.8	8	80	4.9	0.05	0.4	0.8 A	MT HARLAN
	14	13	8	9.1	36-43.8	121-23.0	7.2	1.4	13	70	4.4	0.08	0.4	0.8 A	MT HARLAN
	14	13	27	36.8	37-25.6	121-26.9	5.7	1.6	14	203	11.3	0.23	1.7	1.1 C	MT BOARDMAN
	14	17	56	11.6	36-44.3	121-23.2	7.0	1.7	15	62	4.9	0.08	0.3	0.8 A	MT HARLAN
	14	22	4	1.8	36-52.1	121-24.5	3.8	0.8	12	61	1.4	0.07	0.3	0.3 A	HOLLISTER
	14	22	37	10.3	36-15.9	120-52.3	0.1	1.7	14	59	7.5	0.18	0.7	0.8 B	HEPSEDA PEAK
	15	0	24	21.9	37-52.3	122-14.6	9.6	2.1	30	46	1.0	0.11	0.3	0.4 A	OAKLAND EAST
	15	1	16	38.1	36-54.8	121-28.7	5.4	0.5	10	103	2.7	0.05	0.3	0.7 B	SAN FELIPE
	15	2	18	23.7	37-4.9	121-29.6	4.3	0.9	17	107	6.3	0.14	0.6	0.6 B	GILROY HOT SPRINGS
	15	3	14	53.1	36-32.0	121-5.8	7.7	0.7	10	105	9.1	0.07	0.5	1.5 B	SAN BENITO
	15	12	46	52.9	36-35.0	121-13.6	8.7	0.6	8	83	3.5	0.05	0.4	0.8 A	BICKMORE CANYON
	15	14	8	23.7	37-45.0	122-7.3	5.3	2.2	40	32	5.3	0.12	0.3	0.3 B	LAS TRAMPAS RIDGE
	15	14	10	49.7	36-52.5	121-37.1	5.5	2.7	46	79	2.7	0.17	0.4	0.4 B	CHITTENDEN
	15	17	49	25.4	36-43.9	121-23.5	6.6	3.3	48	33	5.0	0.17	0.4	0.7 B	MT HARLAN
	15	17	51	41.3	36-43.8	121-22.7	7.1	1.4	11	84	3.9	0.11	0.6	1.4 A	MT HARLAN
	15	17	55	28.7	36-44.2	121-23.0	7.4	1.5	11	74	4.6	0.08	0.4	1.0 A	MT HARLAN
	15	17	57	36.5	36-44.2	121-23.4	4.7	1.3	17	62	5.1	0.14	0.5	0.8 B	MT HARLAN
	15	17	57	39.0	36-44.2	121-23.4	4.7	1.8	15	62	9.1	0.15	0.6	0.9 B	MT HARLAN
	15	18	0	58.0	36-44.1	121-23.1	7.3	0.4	7	100	4.7	0.05	0.4	0.8 B	MT HARLAN
	15	18	3	24.2	36-44.1	121-23.3	8.7	0.4	6	103	4.9	0.03	0.3	0.5 B	MT HARLAN
	15	18	5	41.6	36-44.2	121-22.9	7.5	0.5	6	110	4.5	0.04	0.5	0.9 B	MT HARLAN
	15	18	15	59.2	36-44.0	121-23.6	6.0	1.7	21	58	5.2	0.15	0.5	0.9 A	MT HARLAN
	15	18	16	23.7	36-44.2	121-23.8	6.5	2.5	27	32	5.6	0.20	0.5	0.9 B	MT HARLAN
	15	18	18	18.2	36-43.8	121-23.7	6.5	2.7	34	34	5.1	0.17	0.4	0.7 B	MT HARLAN
	15	18	41	28.0	36-44.0	121-23.7	6.4	2.3	26	33	5.2	0.17	0.5	0.7 B	MT HARLAN
	15	18	45	16.2	36-43.9	121-23.3	5.6	1.5	14	64	4.8	0.12	0.5	1.3 A	MT HARLAN
	15	18	47	3.9	36-44.0	121-23.3	8.2	0.6	7	100	4.8	0.05	0.4	1.2 B	MT HARLAN
	15	18	47	34.1	36-44.0	121-23.0	7.4	0.9	7	106	4.5	0.06	0.5	1.0 B	MT HARLAN
	15	18	51	20.3	36-44.1	121-23.4	7.8	0.7	6	100	5.0	0.04	0.5	1.0 B	MT HARLAN
	15	19	0	9.6	36-43.6	121-23.7	6.1	2.8	38	36	5.1	0.18	0.4	1.0 B	MT HARLAN
	15	19	1	28.2	36-44.1	121-23.5	5.0	1.6	15	58	5.2	0.16	0.7	1.7 B	MT HARLAN
	15	19	5	1.7	36-43.9	121-23.3	7.3	1.3	9	89	4.7	0.06	0.4	1.1 A	MT HARLAN
	15	19	18	27.9	36-43.8	121-23.2	6.1	1.3	10	68	4.5	0.08	0.4	1.0 A	MT HARLAN
	15	19	29	16.8	36-43.8	121-23.6	5.3	2.9	44	34	5.1	0.17	0.4	0.6 B	MT HARLAN
	15	19	51	8.5	36-44.0	121-22.9	7.2	1.7	10	74	4.4	0.06	0.4	0.9 A	MT HARLAN
	15	19	52	8.3	36-44.1	121-23.2	6.6	1.5	10	75	4.8	0.07	0.4	0.9 A	MT HARLAN

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JUN	15	19	53	36-44.1		121-22.9		7.8	0.6	6	109	4.5	0.05	0.6	1.0	P	MT HARLAN
	15	21	4	36-44.0		121-23.0		7.0	0.8	6	105	4.5	0.05	0.4	1.1	B	MT HARLAN
	15	22	24	36-44.1		121-23.3		6.4	0.9	7	100	5.0	0.12	1.0	2.2	B	MT HARLAN
	15	22	30	36-44.0		121-23.0		7.7	1.5	8	89	4.5	0.04	0.3	0.7	A	MT HARLAN
	15	22	32	36-44.0		121-23.0		7.0	1.4	11	74	4.4	0.06	0.3	0.7	A	MT HARLAN
	15	23	8	36-43.9		121-23.2		6.7	1.3	9	89	4.6	0.05	0.3	0.7	A	MT HARLAN
	15	23	27	36-44.0		121-22.9		7.8	0.7	7	99	4.4	0.04	0.3	0.7	B	MT HARLAN
	15	23	53	36-55.3		121-28.6		5.5	0.5	9	78	2.9	0.06	0.4	0.7	A	SAN FELIPE
	16	0	59	36-54.8		121-28.7		5.9	1.1	17	61	2.7	0.10	0.4	0.9	A	SAN FELIPE
	16	1	0	36-51.9		121-24.6		3.7	0.9	14	74	1.1	0.08	0.4	0.4	A	HOLLISTER
	16	3	9	36-44.2		121-23.2		7.8	1.2	8	104	4.9	0.04	0.3	0.7	B	MT HARLAN
	16	3	42	36-44.1		121-22.8		8.4	0.6	6	110	4.4	0.03	0.3	0.6	B	MT HARLAN
	16	5	12	36-41.8		121-22.2		9.1	1.2	14	75	2.7	0.12	0.5	1.0	A	PAICINES
	16	5	17	36-41.7		121-22.2		10.1	1.0	12	74	2.8	0.10	0.5	1.1	A	PAICINES
	16	5	38	36-55.0		121-28.4		5.0	1.4	18	63	3.0	0.06	0.2	0.6	A	SAN FELIPE
	16	5	39	36-41.1		121-22.4		6.6	0.4	7	97	3.8	0.05	0.5	1.0	B	PAICINES
	16	6	14	36-44.1		121-23.2		7.1	1.0	10	75	4.8	0.06	0.4	0.8	A	MT HARLAN
	16	8	11	36-56.3		121-25.7		5.0	0.9	10	94	5.5	0.07	0.4	1.5	B	SAN FELIPE
	16	8	29	37-22.5		121-42.8		6.7	0.8	8	84	4.1	0.08	0.6	1.3	A	MT DAY
	16	8	35	36-42.6		121-21.8		2.7	0.6	8	81	1.7	0.09	0.7	0.5	A	PAICINES
	16	9	4	36-43.9		121-23.2		6.4	1.5	21	53	4.6	0.13	0.4	0.6	A	MT HARLAN
	16	15	54	36-37.6		121-16.9		6.9	1.9	29	44	3.4	0.13	0.3	0.6	A	PAICINES
	16	17	37	36-55.3		121-28.5		5.3	1.7	28	48	3.0	0.08	0.2	0.4	A	SAN FELIPE
	16	22	14	36-57.3		121-25.0		7.8	0.8	14	105	3.4	0.10	0.6	1.1	B	SAN FELIPE
	17	1	36	36-59.6		121-39.1		7.2	1.2	17	91	5.9	0.07	0.3	0.2	B	WATSONVILLE EAST
	17	1	52	36-44.1		121-23.3		6.5	1.9	20	57	4.9	0.09	0.3	0.4	A	MT HARLAN
	17	2	36	36-59.4		121-39.1		2.4	1.0	10	89	5.7	0.07	0.3	0.3	B	WATSONVILLE EAST
	17	2	56	36-38.2		121-16.9		1.4	1.2	10	58	3.4	0.10	0.5	0.5	A	PAICINES
	17	4	45	36-47.4		121-17.8		6.4	1.0	14	135	10.0	0.07	0.3	1.9	B	TRES PINOS
	17	4	46	36-41.7		121-22.5		9.0	1.0	11	74	3.2	0.12	0.7	1.4	A	MT HARLAN
	17	4	46	36-47.4		121-18.4		3.7	0.6	9	128	9.5	0.08	0.5	0.5	B	TRES PINOS
	17	4	59	36-59.3		121-39.0		2.4	0.8	9	89	5.6	0.05	0.3	0.2	B	WATSONVILLE EAST
	17	6	40	36-57.2		121-36.9		3.7	0.8	10	76	2.9	0.07	0.4	0.3	A	CHITTENDEN
	17	7	32	37-10.7		121-36.2		5.7	1.2	12	130	2.6	0.10	0.6	0.6	B	MT SIZER
	17	10	59	36-44.2		121-22.7		6.6	1.3	13	61	4.3	0.09	0.4	1.0	A	MT HARLAN
	17	11	38	36-52.1		121-24.8		5.1	2.4	36	51	1.4	0.10	0.2	0.3	A	HOLLISTER
	17	12	13	36-19.3		120-54.6		1.2	1.5	8	84	1.9	0.14	1.1	0.9	B	LONOAK
	17	13	39	36-52.1		121-24.7		3.5	1.7	29	75	1.4	0.09	0.3	0.2	A	HOLLISTER
	17	13	47	36-44.0		121-23.3		5.1	1.2	14	84	4.8	0.12	0.5	1.2	A	MT HARLAN
	17	14	4	37-9.6		121-33.2		4.0	1.2	12	141	6.3	0.16	0.9	0.7	C	MT SIZER
	17	15	11	36-57.3		121-37.0		5.0	1.7	26	47	2.9	0.11	0.3	0.4	A	CHITTENDEN
	17	17	44	36-57.0		121-36.9		3.8	0.7	7	85	2.9	0.02	0.2	0.2	A	CHITTENDEN
	17	23	16	36-55.3		121-28.5		4.2	1.3	17	57	3.0	0.06	0.2	0.3	A	SAN FELIPE
	18	4	11	36-45.4		120-53.6		4.2	1.6	14	107	11.6	0.13	0.6	0.6	B	ORTIGALITA PEAK
	18	10	34	36-32.9		121-8.4		8.7	1.3	11	74	5.4	0.06	0.4	1.1	A	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JUN	18	18	9	24.6	36-53.4	121-24.3	1.4	1.0	11	109	8.6	0.07	0.3	0.4	B		SAN FELIPE
	18	18	51	16.1	36-44.2	121-7.2	4.3	1.2	11	111	9.4	0.08	0.4	0.3	B		PANOCHÉ PASS
	18	20	38	6.1	36-44.4	121-6.8	3.3	1.1	10	106	8.9	0.06	0.4	0.6	B		PANOCHÉ PASS
	18	21	37	51.9	36-44.2	121-7.2	4.4	1.3	16	61	8.7	0.13	0.5	0.5	B		PANOCHÉ PASS
	19	1	32	10.3	36-57.7	121-38.1	4.8	1.6	28	50	4.1	0.09	0.2	0.3	A		WATSONVILLE EAST
	19	9	40	32.9	36-33.1	121-10.7	8.3	1.1	10	76	10.7	0.04	0.3	1.0	B		RICKMORE CANYON
	19	12	15	44.9	36-33.2	121-11.1	6.8	1.2	11	75	10.4	0.07	0.4	1.5	B		RICKMORE CANYON
	19	14	14	1.7	36-38.5	121-18.1	6.6	1.8	25	48	3.6	0.13	0.4	0.6	A		PAICINES
	19	15	31	34.3	35-22.0	121-0.1	5.9	3.1	13	171	37.5	0.21	1.7	1.6	C		***OFFSHORE - MORO BAY***
	19	15	52	39.3	36-28.1	120-55.5	16.5	1.6	13	78	9.6	0.17	0.9	1.5	B		ROCK SPRING PEAK
	19	15	52	44.3	36-28.5	120-55.3	13.6	2.6	25	78	10.3	0.22	0.8	0.6	B		ROCK SPRING PEAK
	19	16	8	22.3	36-27.9	120-54.5	13.4	1.4	7	81	13.1	0.11	1.0	1.4	A		ROCK SPRING PEAK
	19	17	52	40.7	36-44.0	121-7.2	5.5	1.7	21	55	8.3	0.12	0.4	1.4	B		PANOCHÉ PASS
	19	17	58	47.5	36-32.4	121-10.5	8.3	1.7	13	74	4.1	0.06	0.3	0.6	A		RICKMORE CANYON
	19	21	5	29.1	36-43.7	121-23.8	5.9	1.1	10	63	8.9	0.17	1.2	4.6	B		MT HARLAN
	19	21	14	58.1	36-43.8	121-23.5	4.9	1.4	12	87	9.2	0.11	0.6	2.6	B		MT HARLAN
	19	22	25	14.8	36-44.9	121-22.3	0.8	1.0	9	67	10.7	0.09	0.5	0.5	B		PAICINES
	20	2	4	5.4	36-20.5	121-7.6	8.6	1.7	19	58	10.8	0.26	1.0	3.2	B		NORTH CHALONE PEAK
	20	3	49	47.4	36-38.5	121-17.4	1.3	1.5	10	85	3.1	0.11	0.5	0.4	A		PAICINES
	20	4	26	9.2	36-44.3	121-7.1	4.5	1.4	16	62	8.8	0.12	0.4	0.5	B		PANOCHÉ PASS
	20	4	44	27.9	36-44.4	121-23.0	5.9	1.1	9	101	9.7	0.06	0.4	1.3	B		MT HARLAN
	20	5	16	32.3	36-44.0	121-7.3	5.4	1.8	29	88	8.4	0.11	0.3	0.4	B		PANOCHÉ PASS
	20	6	16	41.2	37-34.7	121-47.0	3.7	1.2	9	97	9.9	0.09	0.6	0.7	B		LA COSTA VALLEY
	20	9	4	50.4	36-52.9	121-25.0	5.5	2.8	42	57	2.9	0.10	0.2	0.4	A		SAN FELIPE
	20	17	31	51.3	36-44.2	121-23.2	3.4	1.8	20	56	9.5	0.17	0.9	0.8	B		MT HARLAN
	20	22	25	13.9	36-52.9	121-25.0	4.6	1.1	13	72	3.0	0.08	0.4	0.5	A		SAN FELIPE
	21	1	47	43.9	36-19.5	120-54.6	1.3	1.4	7	94	2.1	0.16	1.6	1.4	B		LONOAK
	21	3	42	38.4	36-43.8	121-23.0	4.5	1.1	9	85	10.0	0.11	0.8	3.2	B		MT HARLAN
	21	6	24	27.4	36-37.9	121-16.4	4.9	1.5	19	53	3.0	0.10	0.3	0.4	A		PAICINES
	21	7	23	11.7	36-34.0	121-6.6	9.2	1.3	15	80	7.0	0.10	0.4	1.0	A		SAN BENITO
	21	8	19	33.5	36-34.0	121-6.6	9.9	2.2	32	48	7.1	0.11	0.3	0.5	A		SAN BENITO
	21	13	17	1.8	36-38.5	121-17.1	4.1	0.9	10	105	2.9	0.10	0.6	0.9	B		PAICINES
	21	13	57	32.0	36-44.2	121-22.9	3.5	1.3	15	65	9.9	0.17	1.0	1.1	B		MT HARLAN
	21	15	18	40.5	36-36.0	121-10.1	9.7	1.7	22	55	3.3	0.11	0.3	0.6	A		RICKMORE CANYON
	21	18	55	45.9	36-44.4	121-23.1	7.7	1.0	8	92	9.5	0.11	0.9	3.6	B		MT HARLAN
	21	22	22	27.0	36-44.0	121-23.4	4.4	1.6	16	61	4.9	0.14	0.6	0.7	A		MT HARLAN
	22	0	19	28.5	36-27.5	121-4.1	3.2	1.5	12	79	5.7	0.09	0.5	0.6	B		TOPO VALLEY
	22	0	58	47.6	36-35.3	121-8.5	9.0	1.6	19	59	4.5	0.11	0.4	0.9	A		RICKMORE CANYON
	22	3	15	27.2	37-16.4	122-5.5	1.1	1.4	9	72	3.1	0.10	0.5	0.5	A		CUPERTINO
	22	7	17	45.6	36-36.1	121-13.5	2.7	1.1	10	61	4.0	0.05	0.3	0.2	A		RICKMORE CANYON
	22	9	32	23.5	37-22.4	121-42.6	8.6	1.0	13	85	4.4	0.08	0.4	0.8	A		LICK OBSERVATORY
	22	9	48	38.0	37-22.5	121-42.8	10.1	2.1	32	84	4.2	0.13	0.4	0.7	A		LICK OBSERVATORY
	22	9	52	46.0	37-22.5	121-42.6	9.6	1.8	22	85	4.5	0.12	0.4	0.9	A		LICK OBSERVATORY
	22	10	48	6.8	36-38.7	121-17.9	4.3	2.0	33	36	3.3	0.14	0.4	0.4	A		PAICINES
	22	15	17	46.6	37-2.6	121-28.7	7.7	1.1	14	121	2.0	0.13	0.7	1.1	B		GILROY HOT SPRINGS

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	VO	GAP	DMIN	RMS	FRH	ERZ	Q	QUADRANGLE
JUN 23	8	41	10.8	37-21.9		122-8.6		5.0	1.2	12	72	5.3	0.14	0.7	2.0	B	MINDFGO HILL
23 13	12	27.2	36-44.1	121-23.1		121-23.1		6.5	2.7	35	48	4.7	0.16	0.4	0.6	B	MT HARLAN
23 18	17	0.1	36-22.3	120-59.5		120-59.5		8.0	1.9	25	60	6.4	0.20	0.6	1.3	B	LONOAK
23 21	42	8.5	36-48.7	121-32.5		121-32.5		5.9	0.7	9	82	3.2	0.07	0.6	1.0	A	SAN JUAN BAUTISTA
24 0	36	26.9	36-40.0	121-19.7		121-19.7		5.2	2.7	40	44	5.0	0.19	0.4	0.5	B	PAICINES
24 1	42	6.5	36-40.4	121-19.1		121-19.1		2.9	1.8	19	64	4.2	0.12	0.5	0.5	A	PAICINES
24 3	12	18.4	36-42.6	121-22.0		121-22.0		2.8	1.7	18	78	2.1	0.19	0.8	0.6	B	PAICINES
24 3	33	14.1	37-30.9	121-50.3		121-50.3		4.3	1.3	11	74	2.9	0.18	1.1	0.9	B	LA COSTA VALLEY
24 6	57	4.9	37-34.6	121-50.4		121-50.4		8.2	1.4	19	82	6.8	0.13	0.5	1.3	A	LA COSTA VALLEY
24 8	55	43.4	36-40.4	121-19.8		121-19.8		3.6	1.0	12	111	4.2	0.18	0.9	1.0	B	PAICINES
24 13	30	51.1	36-48.3	121-22.6		121-22.6		4.5	1.1	11	130	6.2	0.04	0.3	0.3	B	HOLLISTER
24 23	32	36.4	36-42.8	121-21.6		121-21.6		2.4	1.2	12	94	1.6	0.11	0.6	0.5	B	PAICINES
25 13	4	42.7	37-0.4	121-46.1		121-46.1		7.7	1.0	9	91	4.9	0.08	0.7	1.4	B	LOMA PRIETA
25 13	40	27.7	37-3.6	121-28.8		121-28.8		3.6	1.1	14	101	3.9	0.08	0.3	0.3	B	GILROY HOT SPRINGS
25 18	47	23.3	36-40.6	121-18.2		121-18.2		4.6	1.7	18	59	2.9	0.10	0.4	0.4	A	PAICINES
25 20	33	51.3	36-34.7	121-13.3		121-13.3		8.4	1.1	14	68	6.5	0.05	0.2	0.5	A	BICKMORE CANYON
25 21	37	4.7	36-40.3	121-19.9		121-19.9		4.7	1.0	15	63	4.3	0.13	0.5	1.1	A	PAICINES
26 1	40	23.3	35-55.1	120-30.4		120-30.4		12.0	3.3	19	97	4.2	0.18	1.0	0.8	B	STOCKDALE MTN
26 2	49	50.2	35-55.0	120-30.8		120-30.8		11.2	2.4	14	100	4.7	0.18	1.1	1.1	B	STOCKDALE MTN
26 7	25	43.4	37-26.6	121-46.4		121-46.4		5.9	0.9	6	113	2.4	0.12	1.3	2.0	B	CALAVERAS RESERVOIR
26 7	54	15.6	36-47.0	121-29.9		121-29.9		4.6	0.8	14	64	3.4	0.13	0.5	1.0	A	HOLLISTER
26 10	33	27.0	36-53.8	121-24.1		121-24.1		7.2	1.2	21	70	4.6	0.07	0.2	0.6	A	SAN FELIPE
26 11	41	59.5	36-52.1	121-24.9		121-24.9		3.5	1.6	22	71	1.4	0.11	0.3	0.3	A	HOLLISTER
26 12	58	10.7	36-38.1	121-16.7		121-16.7		5.3	1.0	11	73	3.4	0.11	0.6	0.9	A	PAICINES
26 13	13	48.9	38-21.7	122-37.7		122-37.7		3.2	1.6	9	81	5.3	0.05	0.2	0.8	B	COTATI
26 13	18	7.9	38-21.8	122-37.8		122-37.8		3.4	1.8	10	80	5.1	0.08	0.4	3.4	B	COTATI
26 15	53	12.7	36-48.4	121-12.4		121-12.4		5.0	0.9	12	129	12.5	0.05	0.3	0.3	B	QUIEN SABE VALLEY
26 17	29	32.8	36-24.1	121-1.1		121-1.1		6.2	1.9	22	65	2.6	0.17	0.6	1.2	B	TOPO VALLEY
26 19	28	0.3	36-43.8	121-23.1		121-23.1		5.8	1.4	11	90	4.3	0.09	0.5	1.0	A	MT HARLAN
27 0	21	12.1	37-27.2	121-47.8		121-47.8		5.5	1.8	17	74	0.3	0.12	0.5	0.4	A	CALAVERAS RESERVOIR
27 1	57	24.2	36-31.8	121-9.2		121-9.2		5.2	2.2	25	60	6.0	0.13	0.4	0.6	B	BICKMORE CANYON
27 6	23	19.0	36-28.8	121-5.3		121-5.3		1.4	0.9	8	110	3.5	0.10	0.7	0.6	B	TOPO VALLEY
27 9	19	54.6	36-44.3	121-23.5		121-23.5		8.9	0.8	6	103	5.4	0.05	0.6	1.6	B	MT HARLAN
27 10	3	12.5	36-48.4	121-19.1		121-19.1		4.5	0.9	12	153	8.8	0.07	0.4	0.3	B	TRES PINOS
27 10	41	23.2	36-11.8	120-48.1		120-48.1		5.6	2.0	23	101	2.1	0.25	0.9	1.6	B	MONARCH PEAK
27 11	28	3.8	37-21.8	122-13.1		122-13.1		7.0	0.8	12	67	1.7	0.11	0.6	0.8	A	MINDFGO HILL
27 13	11	32.3	36-27.6	121-4.6		121-4.6		6.7	2.0	25	64	5.5	0.12	0.3	0.9	A	TOPO VALLEY
27 13	56	35.1	36-27.2	121-4.5		121-4.5		6.1	1.5	18	82	6.1	0.09	0.3	0.9	B	TOPO VALLEY
27 20	41	23.6	37-36.8	121-59.8		121-59.8		5.7	1.5	24	44	4.1	0.15	0.4	0.5	B	NILES
27 22	24	44.9	36-30.0	121-6.0		121-6.0		0.3	1.4	10	74	2.4	0.10	0.6	0.7	A	SAN BENITO
28 6	13	12.4	35-46.6	121-19.2		121-19.2		11.5	1.8	9	244	35.0	0.04	0.8	0.5	C	BURRO MTN
28 6	42	28.2	36-41.5	121-21.4		121-21.4		3.7	1.1	11	90	2.3	0.17	0.9	0.9	B	PAICINES
28 8	23	53.6	36-44.6	121-26.8		121-26.8		5.4	0.9	13	76	4.1	0.15	0.6	1.5	A	MT HARLAN
28 11	0	0.9	36-30.8	121-16.4		121-16.4		2.6	1.0	22	77	10.3	0.13	0.4	0.5	B	MT JOHNSON
28 11	18	55.0	36-36.1	121-14.5		121-14.5		6.2	0.9	16	63	3.8	0.07	0.3	0.5	A	BICKMORE CANYON



## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO GAP	DMIN	RMS	ERH	ERZ	QUADRANGLE
JUN 29	0	9	9.9	37-32.1	121-54.7	4.4	0.6	11 123	3.9	0.18	1.2	0.8 B	NILES
29	2	24	56.4	36-38.6	121-16.3	4.0	0.5	7 117	2.5	0.07	0.7	0.4 B	PAICINES
29	9	42	41.5	36-43.8	121-23.2	5.6	1.2	14 60	4.5	0.11	0.5	1.1 A	MT HARLAN
29	14	47	12.5	36-28.5	121- 5.8	5.5	1.0	17 88	4.3	0.09	0.3	0.9 A	TOPO VALLEY
30	12	13	28.9	36-27.3	121- 4.4	7.0	1.3	21 64	6.0	0.09	0.3	0.8 A	TOPO VALLEY
30	14	13	10.0	36-55.1	121-28.4	5.0	0.9	12 68	3.1	0.07	0.3	0.7 A	SAN FELIPE
30	14	18	35.4	36-31.2	121- 8.6	5.9	2.3	27 56	6.1	0.13	0.3	1.2 B	BICKMORE CANYON
30	18	45	32.2	36-25.4	121- 1.5	0.8	1.6	12 44	0.7	0.10	0.5	0.4 A	TOPO VALLEY
30	22	38	13.4	36-28.6	121- 6.0	6.3	1.6	18 75	4.3	0.10	0.4	1.0 A	TOPO VALLEY
JUL 1	2	50	8.7	36-31.7	121- 4.6	9.2	1.1	9 93	2.0	0.03	0.3	0.5 B	SAN BENITO
1	3	57	24.6	38-32.5	122-37.6	3.1	1.2	8 74	2.9	0.14	1.1	0.9 9	MARK WEST SPRINGS
1	11	26	58.1	36-32.0	121- 8.6	9.5	1.3	15 75	6.6	0.07	0.3	1.0 A	BICKMORE CANYON
1	18	34	49.5	36-35.5	121-14.3	8.8	1.4	13 72	4.7	0.04	0.2	0.4 A	BICKMORE CANYON
2	4	41	45.1	36-33.3	121-10.8	4.3	2.2	26 68	2.3	0.11	0.3	0.4 A	BICKMORE CANYON
2	4	47	1.5	36-33.3	121-10.8	3.6	1.4	14 68	2.3	0.08	0.3	0.3 A	BICKMORE CANYON
2	7	33	4.4	36-56.9	121-35.1	3.5	1.7	20 43	1.0	0.09	0.3	0.3 A	CHITTENDEN
2	8	0	34.7	36-56.9	121-35.1	4.4	1.9	25 39	1.1	0.07	0.2	0.3 A	CHITTENDEN
2	15	35	59.9	36-34.5	121-13.1	6.8	1.7	20 69	2.6	0.08	0.3	0.6 A	BICKMORE CANYON
2	17	48	45.7	35-57.2	120-32.8	3.5	2.7	19 109	6.5	0.17	0.8	0.5 B	STOCKDALE MTN
3	0	4	1.0	37-23.6	121-38.8	4.2	1.3	11 114	10.4	0.16	0.8	0.7 C	MT DAY
3	1	58	49.9	36-32.9	121- 7.4	4.4	1.6	12 83	6.0	0.08	0.4	0.5 B	SAN BENITO
3	5	35	11.9	36-57.1	121-35.1	5.7	1.0	12 49	0.7	0.02	0.1	0.2 A	CHITTENDEN
3	7	24	12.1	36-25.5	120-52.9	8.5	1.3	9 119	8.1	0.12	1.5	6.4 C	ROCK SPRING PEAK
3	9	59	16.1	38-23.3	122-37.8	3.9	2.1	12 90	4.3	0.12	0.5	0.8 A	SANTA ROSA
3	10	57	6.9	36-53.2	121-36.8	4.4	1.0	12 94	2.0	0.13	0.6	0.7 B	CHITTENDEN
3	13	9	11.4	37- 3.5	121-42.7	5.0	0.9	9 77	6.2	0.07	0.4	0.6 B	MT MADONNA
3	23	30	20.6	36-52.3	121-25.1	3.7	0.7	10 64	2.1	0.08	0.4	0.3 A	HOLLISTER
4	2	17	48.3	36-37.7	120-48.9	6.3	1.6	13 101	4.3	0.11	0.5	1.1 B	MERCY HOT SPRINGS
4	5	44	42.7	36-40.2	121-19.9	4.5	2.3	36 45	4.4	0.15	0.3	0.4 A	PAICINES
4	10	1	43.1	36-10.9	121-41.4	11.4	1.8	13 205	21.8	0.07	0.5	0.5 C	PARTINGTON RIDGE
4	10	46	44.0	37-28.5	121-49.1	5.8	1.3	19 156	3.3	0.15	0.7	0.7 C	CALAVERAS RESERVOIR
4	10	47	29.0	36-34.0	121-12.1	7.3	1.0	9 77	1.5	0.02	0.1	0.2 A	BICKMORE CANYON
4	11	15	51.6	36-25.2	121- 1.3	3.0	1.4	12 83	0.6	0.06	0.3	0.2 A	TOPO VALLEY
4	11	41	36.4	36-23.8	121- 0.9	5.6	1.6	18 73	3.1	0.12	0.4	0.9 A	TOPO VALLEY
4	12	39	0.8	37-20.0	122-11.8	6.8	1.5	20 53	2.3	0.14	0.5	1.0 A	MINDEGO HILL
4	14	25	14.7	36-33.7	121-10.7	9.2	1.8	23 63	1.8	0.05	0.2	0.3 A	BICKMORE CANYON
4	19	57	21.2	36-35.5	121-14.3	9.6	0.8	11 72	4.8	0.05	0.3	0.6 A	BICKMORE CANYON
5	0	52	13.2	36-31.2	121- 8.2	4.2	1.8	17 81	5.6	0.15	0.6	1.2 B	BICKMORE CANYON
5	15	19	36.5	36-37.5	120-49.1	6.6	2.3	18 101	4.8	0.15	0.7	1.7 B	PANOCHÉ
5	17	0	27.1	37-23.2	121-44.3	3.7	0.8	7 115	3.4	0.07	0.7	0.4 B	MT DAY
5	18	33	7.4	36-53.9	121-18.6	5.4	1.1	18 74	1.6	0.10	0.4	0.8 A	THREE SISTERS
5	20	26	28.3	36-54.6	121-21.8	5.1	0.6	10 98	5.7	0.07	0.4	1.7 B	THREE SISTERS
5	21	40	4.3	36-32.7	121-10.5	7.2	1.7	21 62	3.6	0.07	0.2	0.5 A	BICKMORE CANYON
5	23	0	1.4	37-22.3	121-43.1	6.6	1.8	15 83	3.7	0.10	0.4	1.0 A	LICK OBSERVATORY
5	23	1	53.8	37-22.3	121-43.1	7.0	2.2	23 82	3.7	0.13	0.4	1.1 A	LICK OBSERVATORY

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JUL	6	4	3	36-33.2		121-10.8		5.0	3.1	38	60	2.6	0.14	0.3	0.4	A	BICKMORE CANYON
	6	4	5	36-33.3		121-10.9		4.1	2.1	27	60	2.3	0.15	0.4	0.6	A	BICKMORE CANYON
	6	5	21	33-6		121-28.5		5.8	1.5	21	55	2.9	0.06	0.2	0.5	A	SAN FELIPE
	6	5	22	36-54.8		121-28.6		5.1	0.6	10	82	2.8	0.09	0.5	1.1	A	SAN FELIPE
	6	10	41	36-36.7		120-52.0		6.1	1.7	21	121	6.8	0.16	0.6	2.0	B	PANOCHÉ
	6	10	57	22.3	36-43.8	121-22.9		6.1	0.8	10	87	4.1	0.05	0.3	0.6	A	MT HARLAN
	6	12	33	57.1	36-38.6	121-16.7		4.0	0.9	9	73	2.5	0.03	0.2	0.4	A	PAICINES
	6	15	31	26.3	37-2.9	121-28.6		7.4	0.9	13	158	2.6	0.13	0.7	1.2	B	GILROY HOT SPRINGS
	6	18	50	27.1	37-0.0	121-39.7		7.9	1.1	13	91	5.8	0.10	0.5	1.2	B	MT MADONNA
	6	19	48	7.5	36-25.1	121-2.3		9.0	1.8	21	42	1.9	0.11	0.4	0.8	A	TOPO VALLEY
	6	21	55	5.4	36-1.0	120-37.1		4.4	2.0	14	116	15.2	0.16	0.9	0.8	C	SMITH MTN
	6	22	34	3.6	36-0.6	120-37.2		2.8	2.1	15	78	15.0	0.22	1.0	1.2	C	SMITH MTN
	6	23	31	44.8	37-0.1	121-43.1		13.0	2.1	33	59	2.3	0.14	0.4	0.4	A	MT MADONNA
	7	8	33	41.5	36-59.1	121-39.3		6.1	1.7	18	58	4.9	0.08	0.3	0.4	A	WATSONVILLE EAST
	7	18	52	14.7	36-44.0	121-22.8		7.4	1.5	15	63	4.3	0.08	0.3	0.7	A	MT HARLAN
	8	7	48	32.4	36-33.6	121-6.5		9.3	1.5	18	61	6.4	0.12	0.4	0.9	A	SAN BENITO
	8	16	57	8.1	36-44.3	121-23.8		6.7	2.3	30	40	5.7	0.16	0.4	1.1	B	MT HARLAN
	8	21	37	33.3	35-59.7	120-36.5		1.3	1.5	11	118	13.3	0.14	0.8	1.0	B	STOCKDALE MTN
	9	6	9	10.4	37-28.7	121-49.6		3.6	0.4	6	153	3.8	0.15	1.5	0.7	C	CALAVERAS RESERVOIR
	9	11	4	35.1	36-44.2	121-23.4		7.6	1.5	12	71	5.1	0.09	0.5	1.0	A	MT HARLAN
	9	13	1	29.4	36-44.0	121-22.9		6.7	1.2	12	74	4.4	0.09	0.5	1.0	A	MT HARLAN
	9	13	6	49.4	36-0.8	120-37.5		2.4	1.6	12	118	15.6	0.16	1.0	1.1	C	SLACK CANYON
	9	23	52	5.3	37-3.2	121-29.0		6.1	1.1	15	94	3.1	0.14	0.7	1.2	B	GILROY HOT SPRINGS
	10	2	24	23.7	36-50.7	120-45.9		3.0	2.3	28	137	5.3	0.16	1.0	0.4	C	LAGUNA SECA RANCH
	10	3	55	3.9	37-51.3	121-51.2		3.7	1.3	14	115	7.9	0.14	0.6	0.4	B	TASSAJARA
	10	10	35	47.9	35-45.3	121-18.8		7.0	1.6	13	202	16.7	0.20	1.5	2.7	C	BURRO MTN
	10	11	3	50.8	36-57.9	121-38.1		2.8	1.1	11	80	4.3	0.08	0.4	0.3	A	WATSONVILLE EAST
	10	12	6	11.0	36-46.8	121-27.5		1.9	1.0	12	68	4.1	0.08	0.5	0.6	A	HOLLISTER
	10	12	40	0.8	36-48.9	121-32.9		5.4	0.7	11	53	3.0	0.20	1.2	2.2	B	SAN JUAN BAUTISTA
	10	13	11	25.6	36-41.2	121-25.5		7.7	0.4	11	109	7.8	0.13	0.7	1.8	B	MT HARLAN
	10	14	12	9.6	36-44.3	121-23.1		7.9	0.4	8	106	4.9	0.05	0.3	0.7	B	MT HARLAN
	10	15	28	40.1	36-52.1	120-43.0		2.3	2.8	22	85	9.9	0.16	1.1	0.8	B	HAMMONDS RANCH
	10	22	4	55.6	37-7.9	121-30.4		6.0	0.8	15	99	11.0	0.11	0.5	2.5	B	MT SIZER
	10	22	44	52.6	36-0.3	120-37.3		5.6	1.9	14	79	14.6	0.19	1.0	5.7	C	SMITH MTN
	11	0	7	5.0	36-53.2	121-24.6		5.9	0.7	12	66	3.4	0.09	0.4	1.4	A	SAN FELIPE
	11	2	2	31.2	36-44.0	121-22.8		7.5	1.4	11	75	4.3	0.08	0.4	0.8	A	MT HARLAN
	11	3	18	16.1	35-49.2	121-17.7		12.0	1.7	10	183	20.0	0.11	1.0	0.8	C	BURRO MTN
	11	6	13	18.8	37-43.4	122-6.7		6.0	1.9	29	48	4.6	0.14	0.4	0.4	A	HAYWARD
	11	7	18	9.2	36-38.1	121-17.7		6.5	2.4	31	32	3.1	0.13	0.3	0.6	A	PAICINES
	11	7	54	40.7	36-38.2	121-17.7		6.2	1.9	28	31	3.4	0.12	0.3	0.5	A	PAICINES
	11	9	11	41.2	36-32.4	121-2.7		7.1	1.2	13	73	4.3	0.13	0.7	1.2	A	SAN BENITO
	11	9	38	19.5	36-38.4	121-17.8		6.0	1.8	27	36	3.5	0.11	0.3	0.4	A	PAICINES
	11	13	35	26.3	37-9.0	121-31.0		5.3	1.1	12	122	14.2	0.11	0.6	0.8	B	MT SIZER
	11	19	20	52.9	36-69.1	121-26.7		6.0	0.9	15	99	3.9	0.12	0.5	1.1	B	SAN FELIPE
	12	0	19	2.4	37-26.1	121-45.9		4.5	1.4	11	82	3.6	0.19	1.0	0.9	B	CALAVERAS RESERVOIR

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SFC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ER2	Q	QUADRANGLE
JUL	12	12	3	34.8	121-29.9	8.6	1.0	17	83	2.4	0.06	0.3	0.5	A	SAN FELIPE
	12	22	7	48.1	121-25.2	12.1	0.2	6	121	7.0	0.01	0.2	0.4	B	MT HARLAN
	12	22	20	31.5	121-25.2	12.0	0.1	7	118	7.1	0.02	0.2	0.6	B	MT HARLAN
	12	22	21	59.9	121-12.9	9.6	0.9	9	58	4.4	0.07	0.5	1.0	A	BICKMORE CANYON
	13	2	40	43.2	121-9.6	6.3	2.2	28	42	5.5	0.10	0.3	0.8	A	BICKMORE CANYON
	13	5	50	15.8	121-33.9	5.6	0.3	7	126	2.9	0.02	0.3	0.4	B	SAN JUAN BAUTISTA
	13	6	38	49.1	121-8.6	12.2	0.6	9	69	4.1	0.04	0.3	0.8	A	BICKMORE CANYON
	13	9	10	52.2	120-53.3	0.4	1.5	11	99	5.3	0.15	0.7	1.1	R	LONOAK
	13	9	38	10.9	121-17.3	7.8	1.1	11	71	3.5	0.08	0.5	0.7	A	PAICINES
	13	11	54	8.3	121-22.8	6.8	1.5	9	89	4.3	0.06	0.4	0.7	A	MT HARLAN
	13	17	10	2.8	121-10.7	8.5	2.0	27	43	3.7	0.08	0.2	0.5	A	BICKMORE CANYON
	13	18	2	0.2	121-10.6	8.6	0.8	13	73	3.7	0.06	0.3	0.5	A	BICKMORE CANYON
	13	18	26	24.1	121-14.6	5.7	1.1	12	66	6.1	0.07	0.4	0.8	B	BICKMORE CANYON
	13	19	49	47.1	120-51.8	5.5	1.4	10	108	7.6	0.14	0.8	2.5	B	HEPSEDAM PEAK
	13	20	1	18.5	121-39.0	3.6	1.2	12	67	5.3	0.12	0.5	0.3	B	LICK OBSERVATORY
	14	0	30	17.0	121-12.5	6.1	2.1	27	55	1.7	0.09	0.3	0.3	A	BICKMORE CANYON
	14	1	49	42.3	121-10.6	7.4	1.4	18	72	3.5	0.05	0.2	0.4	A	BICKMORE CANYON
	14	2	32	9.6	120-37.0	5.7	1.3	9	124	14.6	0.18	1.5	6.9	C	SMITH MTN
	14	9	19	19.1	121-20.8	4.6	1.0	14	87	3.0	0.12	0.5	1.0	A	PAICINES
	14	12	20	45.3	120-51.7	2.5	1.5	11	112	7.7	0.14	0.7	0.8	B	HEPSEDAM PEAK
	14	13	42	15.6	121-7.5	14.8	1.0	11	71	5.6	0.09	0.9	0.5	A	BICKMORE CANYON
	14	14	50	2.8	120-58.5	10.1	1.5	12	147	17.7	0.11	0.6	2.4	C	SAN ARDO
	14	16	39	12.7	120-36.4	6.3	1.4	10	149	14.3	0.17	1.7	5.4	C	SMITH MTN
	14	17	35	59.2	121-13.5	3.7	2.1	24	64	3.8	0.13	0.4	0.4	A	BICKMORE CANYON
	14	18	40	47.0	120-48.6	1.0	1.2	8	174	11.0	0.16	3.6	4.9	C	PANOCHÉ
	14	18	59	40.7	120-47.1	8.8	1.2	9	237	11.7	0.12	1.5	3.0	C	PANOCHÉ
	14	18	59	53.0	120-48.4	5.1	1.5	11	175	9.8	0.14	0.9	0.8	B	PANOCHÉ
	14	19	14	6.4	120-48.3	7.8	1.6	13	175	9.1	0.12	0.8	2.3	C	PANOCHÉ
	14	20	9	45.5	121-18.3	4.6	2.0	24	41	3.2	0.13	0.4	0.5	A	PAICINES
	14	20	54	1.7	121-23.3	8.0	1.4	14	57	5.0	0.12	0.5	1.2	A	MT HARLAN
	14	23	22	11.0	121-22.9	7.1	1.6	12	88	4.3	0.05	0.2	0.5	A	MT HARLAN
	14	23	25	2.6	121-22.9	6.9	1.0	8	107	4.3	0.04	0.3	0.5	B	MT HARLAN
	15	12	0	51.4	121-6.3	3.3	1.0	8	102	3.1	0.10	0.7	0.6	B	TOPO VALLEY
	15	16	6	14.5	121-7.5	4.6	1.0	10	93	4.4	0.11	0.6	1.9	B	SAN BENITO
	15	23	41	58.3	121-36.4	4.9	1.5	21	77	1.9	0.14	0.5	0.5	A	SAN JUAN BAUTISTA
	16	1	34	3.9	121-9.0	8.8	1.8	12	76	5.1	0.12	0.6	1.6	A	BICKMORE CANYON
	16	3	21	6.9	120-7.7	4.8	2.3	12	219	26.9	0.14	2.3	0.8	C	AVENAL
	16	7	17	39.6	120-52.2	9.5	1.6	16	121	9.2	0.14	0.7	1.5	B	PANOCHÉ
	16	10	9	23.8	121-12.6	5.3	1.0	11	69	2.0	0.04	0.2	0.4	A	BICKMORE CANYON
	16	19	13	48.0	121-30.8	4.6	1.5	28	57	4.7	0.17	0.5	0.7	B	SAN JUAN BAUTISTA
	17	0	42	24.6	121-23.1	9.1	0.8	6	138	5.2	0.04	0.5	1.0	B	MT HARLAN
	17	6	41	54.6	121-23.3	6.6	2.3	22	58	5.1	0.13	0.4	1.0	A	MT HARLAN
	17	6	45	15.3	121-16.4	7.6	2.4	20	186	14.9	0.12	0.6	0.8	C	BURRO MTN
	17	6	46	31.9	121-22.8	8.8	0.8	9	90	4.5	0.05	0.4	0.7	A	MT HARLAN
	17	11	3	11.7	121-10.5	7.9	1.2	13	74	4.0	0.04	0.2	0.5	A	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
JUL	17	13	45	6.0	36-50.6	121-27.6	4.7	0.9	10	80	5.0	0.08	0.4	3.3	B	HOLLISTER
	17	14	13	30.9	36-39.8	121-17.6	4.7	1.6	13	61	2.0	0.10	0.5	0.8	A	PAICINES
	17	21	31	23.5	38-52.9	122-44.5	3.2	2.1	9	219	3.2	0.05	0.5	0.2	C	CLIFARLAKE HIGHLANDS
	18	7	32	13.8	38-52.4	122-44.8	2.8	2.0	7	201	3.2	0.08	0.9	0.4	C	WHISPERING PINES
18	7	55	12.3	35-46.2	121-16.4	7.9	2.2	19	187	14.6	0.10	0.6	0.7	C	BURRO MTN	
	18	11	42	42.2	36-58.8	121-38.3	2.7	1.0	14	66	5.5	0.09	0.4	0.3	B	WATSONVILLE EAST
	19	3	11	21.4	36-27.1	121-4.3	6.4	0.9	15	82	5.8	0.07	0.3	0.8	A	TOPO VALLEY
	19	3	31	7.2	37-28.8	121-50.1	6.7	1.0	8	89	4.6	0.13	0.9	1.6	A	CALAVERAS RESERVOIR
	19	3	34	11.5	37-28.8	121-50.1	5.7	1.6	24	65	4.5	0.15	0.5	0.6	B	CALAVERAS RESERVOIR
19	6	13	19.6	36-25.9	121-1.8	0.0	1.3	9	82	1.4	0.07	0.4	0.6	A	TOPO VALLEY	
	19	8	48	1.2	35-49.9	121-16.6	8.1	2.0	17	169	20.0	0.11	0.6	0.9	B	BURRO MTN
	19	11	39	23.9	36-0.9	120-37.0	5.7	1.2	10	122	14.1	0.16	1.3	5.5	C	SMITH MTN
	19	14	35	48.4	36-36.5	121-14.8	4.9	1.6	19	47	6.0	0.10	0.3	0.5	B	BICKMORE CANYON
	19	21	24	57.7	36-56.6	121-20.5	4.7	0.6	6	145	7.0	0.10	1.1	3.9	C	THREE SISTERS
20	5	7	29.3	36-10.4	120-46.9	6.0	1.9	13	106	4.8	0.16	0.8	1.6	B	MONARCH PEAK	
	20	5	53	28.6	36-54.9	121-31.5	2.9	1.4	21	51	1.5	0.09	0.3	0.2	A	CHITTENDEN
	20	6	51	2.5	36-10.4	120-47.4	5.9	2.2	23	64	4.7	0.21	0.7	1.5	B	MONARCH PEAK
	20	7	4	57.2	36-10.8	120-46.5	5.7	1.3	7	124	4.2	0.11	1.0	1.9	B	MONARCH PEAK
	20	22	0	28.8	36-26.0	121-2.0	0.0	1.6	12	69	1.7	0.09	0.4	0.4	A	TOPO VALLEY
20	22	11	58.1	36-48.7	121-16.2	11.0	1.2	17	68	5.8	0.09	0.4	0.6	A	TRES PINOS	
	20	22	16	45.1	36-36.6	121-14.0	1.7	1.3	10	70	5.5	0.12	0.6	0.7	B	BICKMORE CANYON
	20	22	19	3.3	36-57.5	121-37.9	4.4	0.9	10	77	4.0	0.04	0.2	0.2	A	WATSONVILLE EAST
	21	7	37	5.5	36-33.2	121-9.2	9.5	2.0	25	58	4.1	0.07	0.4	0.5	A	BICKMORE CANYON
	21	7	52	17.4	36-33.2	121-9.2	9.7	1.8	20	58	3.9	0.07	0.2	0.5	A	BICKMORE CANYON
21	8	18	27.3	36-33.5	121-9.2	10.7	1.2	13	62	3.8	0.06	0.3	0.7	A	BICKMORE CANYON	
	21	10	33	2.0	36-38.0	121-16.5	4.4	1.1	10	65	3.6	0.09	0.5	1.1	A	PAICINES
	21	11	50	22.7	36-33.2	121-9.0	11.9	0.8	8	85	4.3	0.03	0.2	0.6	A	BICKMORE CANYON
	21	12	53	44.7	36-38.1	121-16.5	5.2	1.1	12	66	3.5	0.08	0.4	0.8	A	PAICINES
	21	16	21	42.7	36-33.2	121-6.2	11.8	1.3	14	69	5.4	0.09	0.5	1.1	A	SAN BENITO
21	18	22	15.2	36-13.7	120-41.2	12.8	2.0	23	102	9.9	0.09	0.4	0.3	B	PRIEST VALLEY	
	21	21	26	46.3	36-26.0	121-2.1	0.2	1.9	18	69	1.8	0.11	0.3	0.4	A	TOPO VALLEY
	22	2	16	45.4	36-35.3	121-14.0	8.5	1.1	10	74	4.3	0.04	0.3	0.5	A	BICKMORE CANYON
	22	4	8	20.0	36-37.7	121-8.1	13.1	2.8	33	52	5.1	0.16	0.5	0.4	B	CHERRY PEAK
	22	7	4	11.3	36-20.7	120-55.7	9.7	2.0	17	68	3.4	0.17	0.8	1.5	B	LONOAK
22	16	42	21.4	35-51.8	120-25.7	8.5	1.6	8	117	2.5	0.22	1.9	3.2	B	CHOLAME HILLS	
	23	3	19	0.8	36-52.1	121-25.0	5.9	1.0	14	115	1.6	0.10	0.5	1.3	B	HOLLISTER
	23	3	36	17.5	36-45.6	121-15.2	10.6	1.4	15	86	9.0	0.06	0.3	0.6	A	TRES PINOS
	23	6	25	58.9	36-35.8	121-14.6	6.0	2.4	34	33	5.4	0.15	0.3	0.6	B	BICKMORE CANYON
	23	17	2	60.0	36-57.5	121-36.4	1.5	1.2	16	60	2.0	0.09	0.3	0.2	A	CHITTENDEN
23	19	35	28.4	36-31.1	121-7.7	9.8	1.8	21	52	4.8	0.08	0.3	0.5	A	BICKMORE CANYON	
	23	23	9	2.0	36-45.3	121-26.8	5.5	0.9	10	75	1.1	0.09	0.6	0.8	A	HOLLISTER
	24	3	48	4.1	36-38.0	121-16.9	6.3	1.1	12	55	3.6	0.06	0.3	0.5	A	PAICINES
	24	9	40	20.1	36-56.1	121-16.4	5.6	0.9	16	55	6.4	0.11	0.4	1.5	B	THREE SISTERS
	24	10	8	28.3	37-13.2	121-30.2	7.6	1.8	24	133	12.5	0.18	0.7	2.0	B	MT SIZER
24	20	48	19.7	37-29.0	121-48.6	4.5	0.9	7	117	3.6	0.11	0.9	0.7	B	CALAVERAS RESERVOIR	

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	ERZ	Q	QUADRANGLE
JUL	24	22	21	29.5	36-37.6	121-7.9	15.6	1.0	12	64	5.0	0.11	0.8	1.0	A		CHERRY PEAK
	25	1	21	14.6	36-36.4	121-14.6	5.5	1.3	16	61	3.2	0.07	0.3	0.5	A		BICKMORE CANYON
	25	7	27	0.9	36-44.0	121-23.0	6.1	0.9	12	64	4.4	0.15	0.7	1.5	A		MT HARLAN
	25	8	22	54.3	37-28.0	121-48.3	4.4	0.5	7	120	1.8	0.17	1.4	0.8	B		CALAVERAS RESERVOIR
	25	14	11	9.1	38-21.4	122-34.0	11.5	1.0	7	92	9.3	0.03	0.3	0.7	B		GLEN ELLEN
	25	21	39	12.6	36-57.2	121-36.7	4.4	0.9	11	77	2.5	0.05	0.3	0.5	A		CHITTENDEN
	26	0	6	15.2	36-32.3	121-0.4	15.0	1.1	8	259	6.1	0.07	2.1	1.6	C		SAN RENITO
	26	0	58	46.4	36-33.2	121-11.2	7.7	1.1	9	85	2.4	0.05	0.3	0.7	A		BICKMORE CANYON
	26	3	35	26.8	36-31.4	121-5.2	8.8	1.2	13	89	1.8	0.11	0.6	1.1	A		SAN RENITO
	26	3	37	1.8	36-31.1	121-5.2	7.5	1.3	16	90	1.4	0.12	0.6	1.0	A		SAN RENITO
	26	12	29	33.3	36-36.9	121-12.9	10.7	0.7	8	88	3.2	0.03	0.3	0.6	A		BICKMORE CANYON
	26	15	18	23.9	36-46.2	121-16.2	4.4	0.6	11	92	8.7	0.08	0.4	0.4	B		TRES PINOS
	26	20	39	15.1	37-28.0	121-46.6	5.9	2.2	28	81	2.6	0.15	0.5	1.1	B		CALAVERAS RESERVOIR
	27	7	15	57.9	36-44.1	121-22.9	5.6	1.5	14	90	4.5	0.13	0.6	1.3	A		MT HARLAN
	27	10	47	31.0	36-43.9	121-22.2	7.6	1.1	10	86	3.4	0.08	0.5	0.9	A		PAICINES
	27	16	7	24.9	38-21.4	122-34.2	8.4	1.4	10	91	9.6	0.09	0.5	1.3	B		GLEN ELLEN
	27	20	13	5.9	38-21.7	122-33.6	9.1	1.4	9	97	8.6	0.12	0.8	1.1	B		GLEN ELLEN
	27	22	38	6.6	36-35.6	121-11.4	9.0	0.9	7	85	2.0	0.12	1.3	2.4	B		BICKMORE CANYON
	28	0	21	45.1	36-38.0	121-15.9	4.0	1.1	11	55	2.3	0.06	0.3	0.3	A		PAICINES
	28	4	44	5.4	36-37.3	121-17.0	10.5	1.0	10	56	3.0	0.05	0.3	0.6	A		MT JOHNSON
	28	10	20	36.7	36-36.6	121-14.8	5.8	0.9	8	80	2.9	0.11	0.8	1.5	A		BICKMORE CANYON
	28	20	5	42.9	36-31.5	121-5.5	7.1	1.7	21	64	2.2	0.06	0.2	0.5	A		SAN RENITO
	28	20	8	10.3	36-31.5	121-5.2	8.0	0.7	9	111	1.9	0.11	0.7	1.3	B		SAN RENITO
	28	20	8	13.2	36-31.5	121-5.7	12.0	1.2	12	64	2.4	0.07	0.4	1.0	A		SAN RENITO
	28	22	9	8.1	36-14.3	120-50.3	2.6	1.6	10	117	4.6	0.15	1.0	0.9	B		MONARCH PEAK
	29	1	31	27.6	36-53.6	121-31.1	2.4	0.6	11	66	2.7	0.15	0.6	0.4	A		CHITTENDEN
	29	5	31	35.1	36-8.2	120-43.8	2.8	1.8	13	101	3.2	0.23	1.0	1.1	B		PRIEST VALLEY
	29	10	42	22.3	36-38.2	121-16.6	4.9	1.0	12	62	3.3	0.12	0.6	0.9	A		PAICINES
	29	13	16	5.8	36-37.9	120-46.1	0.9	2.2	17	201	4.0	0.19	1.3	1.0	C		MERCY HOT SPRINGS
	29	14	6	11.2	36-32.4	121-10.1	8.1	1.0	12	75	4.4	0.05	0.3	0.5	A		BICKMORE CANYON
	29	18	23	35.1	36-49.1	121-28.2	9.5	1.0	21	62	7.1	0.12	0.4	1.0	A		HOLLISTER
	30	0	58	50.0	36-33.8	121-3.6	12.7	1.2	15	70	4.4	0.07	0.4	0.6	A		SAN RENITO
	30	1	1	16.8	37-18.2	121-39.5	7.6	1.7	29	65	5.3	0.13	0.4	1.2	A		LICK OBSERVATORY
	30	6	0	22.8	37-13.7	121-43.5	5.4	1.7	24	62	5.7	0.11	0.3	0.3	B		MORGAN HILL
	30	14	31	49.9	36-27.5	121-4.8	7.2	1.2	13	94	5.8	0.10	0.5	1.1	B		TOPO VALLEY
	31	0	0	12.7	36-43.1	121-22.8	2.5	2.3	32	57	10.6	0.18	0.6	0.5	C		MT HARLAN
	31	21	16	3.1	36-38.1	121-16.4	6.3	1.0	11	74	3.4	0.08	0.5	0.8	A		PAICINES
	AUG 1	2	25	49.5	36-35.8	121-14.3	7.5	2.7	42	33	4.2	0.14	0.3	0.6	A		BICKMORE CANYON
	1	4	13	30.0	36-35.4	121-13.7	6.1	0.3	8	70	3.9	0.03	0.3	0.5	A		BICKMORE CANYON
	1	12	47	29.9	36-35.9	121-14.3	7.0	1.0	14	63	4.0	0.07	0.3	0.7	A		BICKMORE CANYON
	1	15	29	56.8	36-46.4	121-16.2	9.7	0.9	12	91	8.5	0.07	0.4	1.1	B		TRES PINOS
	1	18	32	34.0	36-44.8	121-20.9	9.7	1.6	21	59	4.2	0.11	0.3	0.8	A		PAICINES
	1	23	18	52.3	36-38.5	121-14.8	8.0	2.0	29	51	0.9	0.23	0.3	0.4	A		CHERRY PEAK
	1	23	27	57.9	36-26.6	120-40.9	10.0	1.8	16	201	14.6	0.20	1.1	2.6	C		IDRIA
	2	0	55	20.6	36-35.2	121-13.8	8.2	1.5	16	79	3.9	0.06	0.2	0.4	A		BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG	2	8	9	20.4	36-56.2	121-16.6	4.9	0.8	11	157	6.4	0.13	0.8	2.5	C		THREE SISTERS
	2	14	46	6.2	35-58.6	120-34.7	2.3	2.8	14	129	9.9	0.17	1.0	0.7	B		STOCKDALE MTN
	2	14	55	55.7	36-36.1	121-14.2	4.3	1.5	19	62	3.7	0.10	0.3	0.8	A		BICKMORE CANYON
	2	17	43	47.6	37-23.3	121-36.0	6.3	1.9	16	134	7.4	0.20	0.9	3.7	B		EYLAR MTN
	2	23	47	20.5	36-32.0	121-9.7	11.8	0.6	6	120	13.8	0.03	0.3	1.7	B		BICKMORE CANYON
	3	0	42	37.6	36-17.0	120-53.0	2.3	1.6	12	104	5.4	0.14	0.7	0.8	B		LONDAK
	3	1	12	40.0	36-33.6	121-11.3	4.1	2.3	27	59	9.5	0.11	0.3	0.5	B		BICKMORE CANYON
	3	6	55	0.4	36-33.7	121-11.1	3.8	0.7	8	123	11.5	0.06	0.4	0.5	B		BICKMORE CANYON
	3	8	11	44.8	36-37.8	121-13.4	15.2	0.3	8	98	1.6	0.07	1.6	2.2	B		CHERRY PEAK
	3	11	37	22.3	37-23.3	121-55.9	3.0	1.8	17	135	6.4	0.18	0.7	0.5	B		EYLAR MTN
	3	14	18	4.5	36-30.0	121-6.9	3.2	1.5	13	46	3.7	0.11	0.6	0.6	A		SAN RENITO
	3	14	39	32.5	36-34.0	121-11.9	6.8	0.3	8	77	11.1	0.05	0.3	1.6	B		BICKMORE CANYON
	3	17	24	23.3	35-59.1	120-35.1	0.8	1.5	10	141	11.0	0.11	0.9	0.7	B		STOCKDALE MTN
	3	23	54	32.8	36-20.5	120-57.1	7.8	1.4	12	68	3.6	0.12	0.6	1.2	A		LONDAK
	4	2	36	25.3	36-26.9	120-39.4	10.2	1.8	16	182	16.8	0.13	0.8	1.4	C		IDRIA
	4	2	52	45.3	36-31.2	121-8.5	7.4	0.9	9	86	6.0	0.07	0.7	2.3	B		BICKMORE CANYON
	4	3	43	54.1	37-59.6	121-52.2	14.7	2.9	43	82	9.5	0.19	0.6	0.4	B		ANTIOCH SOUTH
	4	7	58	41.9	36-35.2	121-13.4	6.3	1.0	11	99	5.5	0.05	0.3	0.7	B		BICKMORE CANYON
	4	8	28	58.6	36-51.6	121-35.7	5.1	1.6	36	64	2.7	0.19	0.5	0.6	B		SAN JUAN BAUTISTA
	4	13	46	26.0	36-47.2	121-30.8	6.1	1.6	26	43	4.2	0.16	0.5	0.8	B		SAN JUAN BAUTISTA
	4	15	3	45.5	36-36.3	121-14.9	6.0	3.2	43	43	3.4	0.15	0.3	0.5	A		BICKMORE CANYON
	4	15	17	3.4	36-54.2	121-23.5	6.5	0.6	10	87	7.8	0.08	0.5	1.8	B		SAN FELIPE
	4	15	30	29.0	36-36.3	121-15.0	6.2	2.2	36	43	3.5	0.13	0.3	0.5	A		MT JOHNSON
	4	15	43	45.3	36-36.4	121-15.1	6.4	2.2	33	42	3.2	0.14	0.3	0.6	A		MT JOHNSON
	4	16	14	14.2	36-31.0	121-8.2	9.8	1.0	12	82	5.6	0.10	0.5	1.4	A		BICKMORE CANYON
	4	17	23	0.5	36-59.8	121-39.7	2.6	1.2	12	74	5.7	0.12	0.5	0.4	B		WATSONVILLE EAST
	4	17	33	24.5	36-36.5	121-15.1	6.3	2.9	45	29	3.2	0.16	0.5	0.5	B		MT JOHNSON
	4	17	52	20.8	36-36.6	121-15.0	6.4	0.8	10	85	5.8	0.07	0.4	1.0	A		BICKMORE CANYON
	4	18	11	11.3	36-36.3	121-14.5	5.6	1.0	12	89	6.5	0.08	0.4	1.2	B		BICKMORE CANYON
	4	18	45	18.5	36-36.3	121-14.9	6.1	0.6	10	87	3.4	0.10	0.6	1.2	A		BICKMORE CANYON
	4	23	52	35.3	36-55.0	121-35.9	5.9	1.2	13	67	3.7	0.06	0.3	0.5	A		CHITTENDEN
	5	1	55	56.7	36-35.7	121-14.5	8.4	0.7	9	92	6.7	0.05	0.3	0.9	B		BICKMORE CANYON
	5	2	3	14.0	36-21.0	120-57.1	4.8	2.0	22	62	4.3	0.17	0.6	1.2	B		LONDAK
	5	3	2	1.0	36-36.3	121-14.5	6.4	1.3	14	88	3.3	0.07	0.3	0.6	A		BICKMORE CANYON
	5	5	42	26.2	36-36.2	121-14.9	6.8	2.0	30	43	3.6	0.12	0.3	0.7	A		BICKMORE CANYON
	5	5	43	1.7	36-36.0	121-14.7	6.2	2.0	31	44	3.9	0.12	0.3	0.6	A		BICKMORE CANYON
	5	5	51	41.3	36-36.5	121-14.9	6.2	1.9	27	42	3.1	0.12	0.3	0.7	A		BICKMORE CANYON
	5	6	10	48.1	36-38.2	120-44.8	3.5	2.1	19	179	5.1	0.20	1.3	0.6	C		CHOUNET RANCH
	5	9	58	32.5	36-46.2	121-10.0	5.5	1.3	19	56	8.1	0.08	0.3	1.1	B		QUIEN SABA VALLEY
	5	10	38	53.5	36-36.1	121-14.7	5.6	2.3	30	44	3.8	0.11	0.3	0.5	A		BICKMORE CANYON
	5	14	44	10.3	36-46.9	121-17.3	4.4	0.9	10	91	8.9	0.08	0.4	0.6	B		TRES PINOS
	5	15	13	36.7	36-32.4	121-10.2	8.8	0.9	10	97	9.0	0.05	0.3	1.4	B		BICKMORE CANYON
	5	15	18	37.2	36-32.1	121-9.8	9.4	0.8	8	101	8.4	0.04	0.4	2.1	B		BICKMORE CANYON
	5	15	44	32.9	36-34.3	121-11.8	5.5	0.9	7	155	10.6	0.06	0.6	2.9	C		BICKMORE CANYON
	5	18	56	33.7	36-36.7	121-15.1	6.1	1.2	17	60	2.8	0.07	0.3	0.5	A		MT JOHNSON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	FRZ	Q	QUADRANGLE	
AUG	5	18	58	40.8	36-36.6	121-15.0	6.1	1.0	11	85	5.7	0.08	0.4	1.0	A	MT JOHNSON
	5	20	42	58.5	36-26.8	121-3.1	9.1	2.0	24	67	3.9	0.08	0.3	0.6	A	TOPO VALLEY
	5	20	56	28.4	37-8.8	121-33.6	5.5	1.8	24	108	6.0	0.09	0.3	0.4	B	MT SIZER
	6	7	0	2.0	36-40.1	120-49.7	1.4	1.8	18	98	3.2	0.20	0.9	1.1	B	MERCY HOT SPRINGS
	6	8	20	57.1	36-36.3	121-7.2	15.2	1.0	12	60	6.6	0.16	1.2	1.3	B	SAN BENITO
	7	4	59	35.9	37-49.7	121-50.2	3.3	1.9	13	99	3.5	0.19	0.7	0.5	R	TASSAJARA
	7	9	33	39.0	37-28.7	121-46.5	5.1	0.6	6	85	3.7	0.04	0.4	0.4	A	CALAVERAS RESERVOIR
	7	13	43	28.5	36-57.1	121-36.9	3.6	0.4	7	84	2.9	0.05	0.3	0.4	A	CHITTENDEN
	7	14	37	46.4	36-26.6	121-2.9	9.7	1.3	15	81	3.5	0.10	0.5	1.0	A	TOPO VALLEY
	7	18	8	31.1	36-36.7	121-15.0	3.9	1.1	11	60	2.7	0.08	0.4	0.4	A	BICKMORE CANYON
	7	18	10	30.7	36-12.7	120-48.1	6.8	1.6	7	99	0.7	0.09	1.0	1.4	B	MONARCH PEAK
	7	21	0	48.4	36-53.2	121-24.8	7.0	1.6	33	52	3.4	0.12	0.3	0.8	A	SAN FELIPE
	8	6	46	32.2	36-53.0	121-24.6	7.3	1.3	32	60	3.1	0.10	0.3	0.6	A	SAN FELIPE
	8	7	55	36.7	35-58.9	120-34.1	2.5	2.0	10	143	9.4	0.13	1.1	0.6	C	STOCKDALE MTN
	8	8	22	24.2	35-59.0	120-34.4	2.4	1.7	10	143	9.9	0.13	1.1	0.6	C	STOCKDALE MTN
	8	10	57	24.2	36-40.7	121-18.1	5.1	1.1	12	73	3.0	0.09	0.4	0.8	A	PAICINES
	8	15	40	30.3	36-53.6	121-24.8	4.1	0.6	13	90	8.8	0.06	0.3	0.6	B	SAN FELIPE
	8	19	54	2.3	36-27.0	121-3.3	9.0	2.3	25	67	4.3	0.10	0.3	0.7	A	TOPO VALLEY
	8	20	4	37.9	36-36.4	121-14.6	4.7	1.3	14	61	6.3	0.07	0.3	1.0	B	BICKMORE CANYON
	8	20	5	6.5	36-36.0	121-14.7	6.0	2.3	32	35	6.2	0.13	0.3	0.5	B	BICKMORE CANYON
	8	21	16	57.6	36-36.4	121-14.6	7.8	2.2	24	50	6.3	0.13	0.4	1.0	A	BICKMORE CANYON
	9	7	12	49.8	36-27.1	121-3.2	8.9	2.1	22	68	4.3	0.09	0.3	0.6	A	TOPO VALLEY
	9	7	28	24.8	36-26.7	121-3.2	9.9	1.3	11	117	3.9	0.08	0.5	1.0	B	TOPO VALLEY
	9	10	7	57.8	36-40.7	121-18.3	4.4	1.8	20	41	3.3	0.11	0.4	0.4	A	PAICINES
	9	10	14	58.3	36-31.3	121-8.2	8.9	0.9	10	86	12.6	0.09	0.5	1.3	B	BICKMORE CANYON
	9	11	1	39.2	37-23.9	121-44.6	4.6	1.4	19	83	4.4	0.14	0.6	0.4	A	MT DAY
	9	22	0	17.3	36-33.9	121-11.7	5.7	0.9	13	66	1.3	0.08	0.4	0.7	A	BICKMORE CANYON
	9	23	31	12.8	36-55.0	121-31.4	2.5	0.8	7	81	1.5	0.09	0.7	0.3	A	CHITTENDEN
	10	2	30	15.5	36-55.4	121-33.8	4.9	0.8	11	66	4.2	0.09	0.5	0.5	A	CHITTENDEN
	10	9	1	8.6	36-33.1	121-10.7	4.3	1.2	9	173	2.9	0.06	0.5	0.7	B	BICKMORE CANYON
	10	10	22	56.6	36-37.8	121-16.3	4.4	1.0	13	61	2.8	0.06	0.3	0.3	A	PAICINES
	10	18	2	37.4	36-50.2	121-34.5	6.2	1.9	31	51	4.3	0.18	0.5	0.7	B	SAN JUAN BAUTISTA
	12	9	2	50.5	36-47.2	121-29.3	3.8	1.0	16	45	3.6	0.10	0.4	0.4	A	HOLLISTER
	12	11	31	10.1	36-13.6	120-49.7	5.5	1.7	9	119	3.3	0.13	1.0	2.0	B	MONARCH PEAK
	12	13	25	55.3	36-32.8	121-10.2	3.5	0.9	7	107	3.6	0.02	0.2	0.1	B	BICKMORE CANYON
	12	18	56	3.1	37-11.0	121-52.4	5.2	1.5	12	100	3.6	0.09	0.5	0.4	B	SANTA TERESA HILLS
	13	4	8	40.9	36-22.4	120-59.6	7.7	1.5	15	83	6.2	0.15	0.7	1.4	B	LONOK
	13	7	52	58.1	36-40.2	121-18.8	3.4	1.5	16	66	3.7	0.13	0.6	0.5	A	PAICINES
	13	12	33	37.7	36-49.3	121-23.4	6.7	1.0	19	49	4.2	0.11	0.4	1.1	A	HOLLISTER
	13	13	39	17.5	37-18.8	120-55.2	3.4	2.3	41	150	28.6	0.17	0.7	0.5	C	GUSTINE
	13	17	58	38.1	37-18.6	120-54.8	4.3	2.5	46	151	28.6	0.18	0.6	0.5	C	GUSTINE
	13	18	16	44.2	37-18.7	120-55.1	4.8	2.6	47	151	28.6	0.19	0.6	0.5	C	GUSTINE
	13	19	18	10.7	36-36.7	121-15.0	5.2	1.2	13	60	2.8	0.06	0.3	0.5	A	BICKMORE CANYON
	13	21	52	31.1	36-26.8	121-3.8	7.2	2.0	22	81	4.7	0.13	0.5	1.2	A	TOPO VALLEY
	13	22	28	58.3	36-26.5	121-4.0	7.7	1.7	19	115	4.8	0.11	0.5	1.0	B	TOPO VALLEY

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	EPH	ERZ	Q	QUADRANGLE
AUG 14	1	0	1.1	37-19.2		120-56.3		4.0	1.9	28	155	28.6	0.19	1.2	1.7	C	GUSTINE
14	3	52	10.8	37-18.8		120-55.6		3.8	2.5	43	150	28.5	0.18	0.7	0.5	C	GUSTINE
14	3	57	3.0	37-18.6		120-54.9		4.7	2.0	24	168	28.5	0.20	1.0	1.6	C	GUSTINE
14	7	46	36.5	36-26.9		121-4.3		7.9	2.6	37	113	5.5	0.19	0.6	0.8	B	TOPO VALLEY
14	10	16	50.3	37-18.7		120-55.2		4.1	2.8	52	150	28.5	0.17	0.5	0.4	C	GUSTINE
14	14	18	53.2	36-26.9		121-3.8		5.5	1.2	11	118	4.8	0.11	0.6	1.5	B	TOPO VALLEY
14	15	44	1.1	37-18.7		120-55.5		3.5	2.2	46	150	28.3	0.19	0.7	0.5	C	GUSTINE
14	20	39	15.9	38-48.2		122-45.6		2.7	1.6	11	111	8.3	0.17	2.1	3.4	B	THE GEYSERS
15	1	41	33.9	36-15.5		120-51.7		2.6	1.6	10	115	7.7	0.14	0.9	0.9	B	HEPSEDAH PEAK
15	11	58	27.1	37-1.9		121-28.6		9.1	0.9	14	62	1.0	0.09	0.4	0.8	A	GILROY HOT SPRINGS
15	12	53	26.7	36-33.6		120-52.0		5.3	1.7	14	138	9.4	0.23	0.9	1.0	C	PANOCHÉ
15	15	25	20.6	36-47.1		121-16.2		8.4	1.2	20	64	7.4	0.09	0.3	0.9	A	TRES PINOS
15	15	52	47.6	36-17.6		120-51.8		6.9	1.5	10	120	6.3	0.17	1.1	2.2	B	HEPSEDAH PEAK
16	2	37	17.1	36-32.4		121-10.0		8.9	1.6	17	71	8.8	0.06	0.2	0.8	A	BICKMORE CANYON
16	2	44	1.1	36-39.8		121-18.6		3.8	1.4	16	83	3.4	0.11	0.5	0.4	A	PAICINES
16	3	14	18.0	36-43.2		121-24.6		8.6	0.8	6	175	8.1	0.15	2.5	7.9	C	MT HARLAN
16	7	48	27.7	38-48.8		122-47.5		1.3	1.3	7	124	9.3	0.02	0.2	0.2	B	THE GEYSERS
16	11	26	16.2	36-47.1		121-29.5		5.8	0.8	8	91	3.4	0.08	0.7	1.1	B	HOLLISTER
16	12	4	56.8	36-29.0		121-6.5		1.1	1.2	9	85	4.1	0.06	0.4	0.5	A	TOPO VALLEY
16	16	1	6.0	36-39.9		121-18.7		4.0	1.0	18	86	3.5	0.15	0.6	0.6	A	PAICINES
16	16	1	16.5	36-39.8		121-19.0		4.1	1.5	18	83	3.9	0.13	0.5	0.9	A	PAICINES
16	18	18	43.4	36-52.0		121-19.5		5.7	1.6	30	56	2.5	0.11	0.3	0.8	A	TRES PINOS
16	18	27	54.1	35-59.3		121-32.5		9.3	1.6	16	253	7.7	0.10	1.4	0.4	C	+++OFFSHORE
16	21	24	40.8	36-36.7		121-13.7		2.9	1.3	10	89	2.8	0.11	0.7	0.6	A	BICKMORE CANYON
16	23	37	50.7	36-26.0		121-1.7		0.1	1.5	9	81	1.3	0.05	0.2	0.2	A	TOPO VALLEY
17	1	10	8.7	37-0.0		121-39.6		7.8	1.0	15	69	5.9	0.11	0.5	1.4	A	MT MADONNA
17	3	15	24.0	36-53.7		121-23.8		8.5	1.4	26	70	4.4	0.09	0.3	0.7	A	SAN FELIPE
17	4	31	30.7	37-54.6		121-58.4		6.0	1.3	15	79	6.0	0.22	0.9	0.8	B	CLAYTON
17	8	5	22.7	36-47.8		121-17.8		4.1	1.5	28	60	8.5	0.12	0.3	0.3	B	TRES PINOS
17	8	16	47.8	36-35.8		121-5.9		13.4	0.8	10	74	6.5	0.11	0.8	1.3	A	SAN BENITO
17	13	22	23.4	35-59.2		120-36.3		3.3	2.1	12	138	12.7	0.19	1.7	1.3	C	STOCKDALE MTN
17	22	59	9.6	36-57.4		121-36.2		6.7	1.5	26	47	1.8	0.06	0.2	0.4	A	CHITTENDEN
18	13	41	24.3	36-37.5		121-16.1		8.8	1.1	14	55	2.8	0.12	0.6	0.9	A	MT JOHNSON
18	14	11	59.2	36-29.7		121-6.9		4.6	1.3	14	67	3.9	0.12	0.5	0.9	A	TOPO VALLEY
19	4	18	44.1	37-22.3		121-35.8		5.3	1.0	7	121	6.1	0.19	2.0	1.9	B	ISABEL VALLEY
19	8	44	34.4	36-34.1		121-12.4		7.4	0.9	7	113	1.7	0.01	0.1	0.2	B	BICKMORE CANYON
19	9	9	57.9	37-45.3		121-46.3		7.4	1.4	13	170	6.3	0.17	1.0	0.9	C	TASSAJARA
19	9	36	37.2	36-35.7		121-14.8		7.8	2.1	30	46	4.4	0.12	0.3	0.6	A	BICKMORE CANYON
19	12	47	19.1	36-30.5		120-41.7		9.3	4.0	47	95	18.7	0.21	0.8	0.6	C	TUMNEY HILLS
19	12	51	19.6	36-30.3		120-42.6		5.4	3.1	36	167	17.6	0.24	0.9	0.8	C	TUMNEY HILLS
19	12	53	2.3	36-30.6		120-41.9		7.0	2.2	21	140	18.6	0.21	1.0	3.3	C	TUMNEY HILLS
19	12	58	13.2	36-30.3		120-41.7		7.6	2.7	13	191	18.4	0.25	2.9	3.7	D	TUMNEY HILLS
19	12	59	52.2	36-30.5		120-42.0		8.4	2.4	21	169	18.4	0.17	1.0	1.5	C	TUMNEY HILLS
19	13	3	21.0	36-30.7		120-41.9		5.4	2.7	28	147	18.7	0.22	1.1	0.8	C	TUMNEY HILLS
19	13	8	37.2	36-30.0		120-43.2		7.1	2.8	19	155	16.6	0.19	1.1	2.0	C	IDRIA

CAPE SAN MARTIN



## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG	19	13	9	17.8	36-30.7	120-43.0	5.6	2.9	31	145	17.9	0.23	1.0	1.0	1.0	C	TUMEY HILLS
	19	13	37	37.8	36-30.5	120-42.9	5.4	2.6	34	142	17.8	0.22	0.9	0.6	0.6	C	TUMEY HILLS
	19	13	42	34.8	35-58.6	120-35.1	2.3	2.1	12	128	10.5	0.14	0.0	0.6	0.6	C	STOCKDALE MTN
	19	13	54	34.8	36-30.2	120-42.3	7.3	2.3	19	168	17.7	0.24	1.5	2.6	2.6	C	TUMEY HILLS
	19	14	14	27.0	36-31.4	120-41.3	10.8	2.4	12	215	18.1	0.20	1.8	2.7	2.7	C	TUMEY HILLS
	19	14	20	33.5	36-30.9	120-41.7	7.1	2.1	12	223	18.6	0.16	1.6	2.6	2.6	C	TUMEY HILLS
	19	16	16	52.0	36-30.6	120-42.6	7.4	2.3	13	205	18.1	0.17	1.3	2.6	2.6	C	TUMEY HILLS
	19	22	33	22.6	36-30.5	120-41.5	5.6	2.3	22	187	18.8	0.20	1.7	1.5	1.5	C	TUMEY HILLS
	19	22	38	14.6	36-30.1	120-41.4	7.7	2.1	17	201	18.4	0.19	1.4	3.0	3.0	C	TUMEY HILLS
	19	22	38	45.3	36-30.4	120-42.1	8.3	2.6	17	198	18.2	0.19	1.1	2.7	2.7	C	TUMEY HILLS
	19	22	42	24.2	36-30.4	120-42.3	6.2	2.5	25	172	18.0	0.23	1.0	1.4	1.4	C	TUMEY HILLS
	20	4	10	32.9	36-30.2	121-7.6	5.2	0.7	9	97	4.7	0.10	0.7	1.8	1.8	B	BICKMORE CANYON
	20	6	34	45.8	36-22.0	120-59.7	9.9	2.4	31	58	6.7	0.19	0.6	0.7	0.7	B	LONOK
	20	12	26	14.8	36-26.7	121-3.8	6.5	1.8	22	65	4.7	0.11	0.4	0.9	0.9	A	TOPO VALLEY
	20	12	27	25.1	36-26.8	121-3.9	6.1	1.8	20	65	4.9	0.10	0.3	0.9	0.9	A	TOPO VALLEY
	20	12	53	18.2	36-26.7	121-3.9	5.8	1.3	15	84	4.8	0.09	0.4	1.0	1.0	A	TOPO VALLEY
	20	18	25	54.3	36-48.5	121-23.7	7.9	2.1	37	37	5.4	0.11	0.2	0.7	0.7	A	HOLLISTER
	20	20	36	53.8	36-30.8	120-42.3	10.0	3.4	35	148	18.3	0.19	0.7	0.6	0.6	C	TUMEY HILLS
	20	21	5	16.1	36-34.9	121-12.7	4.4	0.9	10	84	2.2	0.04	0.2	0.4	0.4	A	BICKMORE CANYON
	20	22	14	25.4	36-30.3	120-42.4	5.6	2.4	21	152	17.8	0.20	1.3	1.3	1.3	C	TUMEY HILLS
	20	22	15	7.5	36-30.5	120-43.1	7.5	2.0	15	195	17.6	0.19	1.0	3.0	3.0	C	TUMEY HILLS
	21	4	12	6.2	36-40.0	120-49.8	0.1	1.6	15	95	3.5	0.15	0.9	1.6	1.6	B	MERCY HOT SPRINGS
	21	8	42	1.7	36-41.9	121-11.7	12.5	1.1	14	102	4.2	0.11	0.6	1.1	1.1	B	CHERRY PEAK
	21	9	35	42.8	36-30.6	120-41.8	6.5	2.2	16	178	18.7	0.16	1.0	1.6	1.6	C	TUMEY HILLS
	21	12	47	48.0	36-33.9	121-12.1	7.3	0.9	11	77	1.6	0.03	0.2	0.3	0.3	A	BICKMORE CANYON
	21	13	5	30.8	36-40.7	120-54.7	3.9	1.2	11	80	10.9	0.09	0.5	0.5	0.5	B	CERRO COLORADO
	21	17	20	33.9	37-16.6	121-38.1	4.8	1.3	19	64	4.0	0.07	0.3	0.2	0.2	A	LICK OBSERVATORY
	22	2	47	8.7	36-34.5	121-12.4	7.0	1.4	11	64	1.6	0.03	0.2	0.3	0.3	A	BICKMORE CANYON
	22	6	7	35.3	37-8.2	121-31.1	9.6	0.8	13	118	7.8	0.08	0.4	0.9	0.9	B	MT SEZER
	22	8	32	3.9	36-39.9	121-19.5	4.9	2.5	38	43	4.7	0.16	0.4	0.4	0.4	B	PAICINES
	22	21	37	8.3	37-5.3	121-52.7	8.3	1.7	13	78	7.4	0.09	0.5	0.9	0.9	A	LAUREL
	22	21	58	22.2	36-17.9	120-53.9	0.9	1.6	8	111	3.4	0.23	1.5	1.4	1.4	B	LONOK
	23	1	12	11.4	36-38.7	121-17.5	1.2	1.3	13	70	2.9	0.08	0.4	0.4	0.4	A	PAICINES
	23	4	9	1.5	36-40.0	120-49.6	0.4	1.7	16	96	3.1	0.17	0.9	1.5	1.5	B	MERCY HOT SPRINGS
	23	5	30	47.3	37-20.3	121-40.5	4.6	0.6	6	126	7.6	0.05	0.7	0.6	0.6	B	LICK OBSERVATORY
	23	13	34	17.0	36-4.2	121-33.8	12.2	1.4	9	221	5.4	0.10	1.2	0.7	0.7	C	LOPEZ POINT
	23	14	28	46.4	36-55.9	121-32.9	5.2	0.3	11	61	3.9	0.06	0.3	0.6	0.6	A	CHITTENDEN
	23	18	41	7.7	36-28.8	121-5.8	0.5	1.9	16	73	3.8	0.11	0.4	0.5	0.5	A	TOPO VALLEY
	23	21	0	9.6	36-38.2	121-17.0	5.3	1.4	16	56	3.4	0.10	0.4	0.7	0.7	A	PAICINES
	23	22	19	23.8	36-15.7	120-51.7	2.3	1.4	10	113	8.0	0.13	0.8	1.0	1.0	B	HEPSEDAM PEAK
	24	1	46	2.3	36-31.7	121-9.4	6.3	1.8	20	61	5.9	0.09	0.3	0.8	0.8	A	RICKMORE CANYON
	24	3	54	9.6	36-59.8	121-47.0	11.9	1.3	15	66	4.8	0.07	0.4	0.6	0.6	A	WATSONVILLE WEST
	24	8	39	47.5	37-4.2	121-28.9	8.1	1.1	26	56	4.2	0.12	0.4	0.7	0.7	A	GILROY HOT SPRINGS
	24	10	16	24.3	36-29.4	121-6.2	1.8	0.9	9	97	3.4	0.11	0.6	0.4	0.4	B	TOPO VALLEY
	24	17	0	30.9	37-31.3	121-40.4	5.6	1.8	23	125	8.7	0.17	0.6	0.5	0.5	B	MENDENHALL SPRINGS

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG	24	19	29	10.4	36-36.7	121-15.2	4.6	1.8	28	40	2.8	0.13	0.13	0.3	0.5	A	MT JOHNSON
	24	22	19	27.3	35-33.4	121-6.7	6.0	1.1	8	84	6.1	0.08	0.08	0.6	2.1	B	SAN BENITO
	25	2	9	13.8	37-13.6	121-35.8	4.0	0.9	8	103	7.5	0.08	0.08	0.5	0.4	B	MT SIZER
	25	10	44	29.8	36-42.3	121-22.5	3.8	2.3	37	63	2.9	0.18	0.18	0.5	0.4	B	MT HARLAN
	25	11	33	39.1	36-44.8	121-20.4	10.6	1.1	10	75	4.1	0.07	0.07	0.5	0.9	A	PAICINES
	25	14	2	18.5	36-32.8	120-44.8	9.7	1.5	8	204	13.5	0.18	0.18	4.4	14.8	D	TUMNEY HILLS
	25	14	23	17.6	37-29.8	121-29.5	5.1	1.5	10	108	16.8	0.26	0.26	2.8	1.4	D	MT BOARDMAN
	25	15	6	19.5	36-22.2	120-33.9	12.4	3.4	30	72	17.3	0.20	0.20	0.7	0.6	B	SANTA RITA PEAK
	25	15	53	59.5	36-46.0	121-15.9	9.5	1.5	23	73	8.7	0.10	0.10	0.3	1.0	A	TRES PINOS
	25	17	15	7.1	36-57.8	121-37.9	4.6	2.0	35	43	4.3	0.11	0.11	0.3	0.3	A	WATSONVILLE EAST
	25	22	0	46.9	36-27.8	121-5.2	8.6	2.0	23	79	5.3	0.10	0.10	0.3	0.6	A	TOPO VALLEY
	26	0	22	42.9	36-37.4	121-37.7	4.3	1.1	15	64	4.0	0.08	0.08	0.3	0.3	A	WATSONVILLE EAST
	26	2	24	30.5	36-34.9	121-5.1	11.5	3.4	43	56	5.4	0.17	0.17	0.4	0.4	B	SAN BENITO
	26	2	32	10.2	36-44.9	121-21.3	10.1	1.8	26	49	4.5	0.13	0.13	0.4	0.9	A	PAICINES
	26	3	1	53.8	36-45.0	121-21.1	10.1	1.8	25	48	4.6	0.13	0.13	0.4	0.9	A	PAICINES
	26	4	9	24.8	36-34.6	121-4.7	10.4	1.7	22	63	5.1	0.12	0.12	0.4	0.6	A	SAN BENITO
	26	9	5	38.3	37-9.0	121-34.8	6.6	0.6	9	102	4.1	0.07	0.07	0.5	1.1	B	MT SIZER
	27	0	9	50.7	37-0.4	121-42.1	12.3	1.0	10	84	3.4	0.10	0.10	1.0	2.3	B	MT MADONNA
	27	1	46	37.0	37-24.0	121-44.2	4.9	0.8	6	113	4.9	0.10	0.10	0.9	0.7	B	MT DAY
	27	2	12	49.3	37-32.8	121-55.4	4.9	1.3	15	64	5.5	0.13	0.13	0.5	0.5	B	NILES
	27	2	48	13.7	36-51.0	121-34.8	5.0	1.5	21	57	3.9	0.15	0.15	0.5	0.6	A	SAN JUAN BAUTISTA
	27	3	0	47.3	36-38.2	121-16.8	1.3	1.1	11	60	3.3	0.07	0.07	0.3	0.2	A	PAICINES
	27	3	16	33.6	36-24.5	121-1.6	8.1	1.6	16	87	1.9	0.09	0.09	0.4	0.7	A	TOPO VALLEY
	27	6	24	12.1	36-38.4	120-53.7	5.6	1.4	9	130	9.5	0.11	0.11	0.7	2.7	B	CERRO COLORADO
	27	6	41	12.6	36-34.7	121-4.9	11.5	2.1	27	60	5.3	0.15	0.15	0.5	0.6	A	SAN BENITO
	27	7	42	6.2	37-27.2	121-46.7	5.5	2.4	52	79	1.8	0.16	0.16	0.4	0.4	B	CALAVERAS RESERVOIR
	27	10	12	38.8	36-23.9	121-1.3	9.0	2.8	37	64	2.9	0.17	0.17	0.4	0.6	B	TOPO VALLEY
	27	10	58	13.8	37-38.1	122-0.9	3.5	1.5	14	58	2.9	0.14	0.14	0.6	0.6	A	HAYWARD
	27	14	47	54.4	36-22.2	120-34.2	12.8	2.1	11	125	17.8	0.12	0.12	0.8	0.9	B	SANTA RITA PEAK
	27	17	10	12.6	35-49.3	120-21.7	4.5	1.4	6	227	1.2	0.06	0.06	1.0	0.5	C	CHOLAME VALLEY
	28	0	2	27.8	36-40.6	121-20.3	4.1	0.9	14	88	3.7	0.13	0.13	0.6	0.9	A	PAICINES
	28	1	41	0.4	36-21.8	120-34.2	12.5	2.5	24	123	17.6	0.19	0.19	0.7	0.6	B	SANTA RITA PEAK
	28	4	54	38.8	36-34.0	121-9.1	12.1	1.3	14	64	3.5	0.09	0.09	0.4	0.8	A	BICKMORE CANYON
	28	5	1	41.8	36-38.0	121-10.6	10.9	1.0	13	57	3.4	0.10	0.10	0.5	0.8	A	CHERRY PEAK
	28	9	20	30.8	36-36.3	121-11.3	9.5	0.9	10	84	3.3	0.07	0.07	0.4	0.8	A	BICKMORE CANYON
	28	13	34	34.4	36-42.3	121-21.1	3.0	1.1	11	77	0.9	0.12	0.12	0.7	0.5	A	PAICINES
	28	17	17	3.1	36-37.9	121-16.5	4.9	1.1	11	65	3.2	0.11	0.11	0.6	1.0	A	PAICINES
	28	18	27	9.8	37-13.2	121-44.5	7.4	1.6	17	59	7.4	0.09	0.09	0.3	1.0	A	MORGAN HILL
	28	22	4	26.2	36-43.2	121-24.8	5.4	1.1	13	85	6.4	0.17	0.17	0.9	2.0	B	MT HARLAN
	29	2	37	24.5	36-56.9	121-35.0	5.8	1.7	36	37	1.0	0.07	0.07	0.2	0.3	A	CHITTENDEN
	29	4	55	16.4	36-47.9	121-30.9	4.5	1.8	27	36	5.3	0.17	0.17	0.5	0.6	B	SAN JUAN BAUTISTA
	29	7	45	55.6	37-4.1	121-29.5	7.9	0.7	9	100	4.8	0.02	0.02	0.2	0.3	B	GILROY HOT SPRINGS
	29	8	8	33.2	36-29.3	120-43.3	7.3	2.3	17	173	15.5	0.19	0.19	1.3	7.0	C	IDRIA
	29	11	30	50.6	36-58.2	121-37.8	8.2	0.9	19	48	4.3	0.04	0.04	0.2	0.3	A	WATSONVILLE EAST
	29	17	34	17.3	36-57.9	121-26.5	5.5	0.9	9	74	4.1	0.11	0.11	0.6	1.8	A	SAN FELIPE

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ER2	Q	QUADRANGLE
AUG	29	21	10	31.9	36-21.3	121-53.4	8.5	1.5	9	212	17.5	0.08	1.8	6.8	D		POINT SUR
	30	0	23	58.7	36-34.3	121-12.6	6.6	1.6	16	68	1.9	0.05	0.2	0.4	A		RICKMORE CANYON
	30	0	35	25.1	36-21.7	120-34.2	12.1	2.4	24	122	17.6	0.22	0.8	0.8	B		SANTA RITA PEAK
	30	4	58	54.2	37-31.5	121-52.2	5.6	2.3	33	59	0.5	0.15	0.4	0.4	B		LA COSTA VALLEY
	30	5	22	8.3	36-29.3	121-5.9	3.2	1.3	13	77	3.2	0.13	0.6	0.6	A		TOPO VALLEY
SEP	30	7	4	7.1	36-31.8	121-6.1	14.8	0.8	8	94	3.2	0.06	0.9	1.8	B		SAN BENITO
	30	7	55	29.8	36-49.6	121-21.0	5.9	2.8	48	56	5.9	0.12	0.2	1.0	A		TRES PINOS
	30	11	54	14.5	36-35.0	121-11.9	2.1	1.7	16	62	1.2	0.09	0.3	0.2	A		BICKMORE CANYON
	30	20	33	25.2	36-40.0	120-49.7	1.2	1.9	21	97	3.3	0.17	0.7	0.9	B		MERCY HOT SPRINGS
	30	22	56	9.4	37-8.0	121-31.4	9.5	0.9	8	183	7.9	0.04	0.4	0.8	C		MT SIZER
	31	8	12	45.1	36-22.5	120-34.1	9.6	2.4	19	128	17.8	0.19	0.8	1.4	B		CIERVO MTN
	1	0	52	50.4	37-17.5	122-5.3	5.8	1.3	17	84	3.3	0.10	0.4	0.5	A		CUPERTINO
	1	7	46	59.6	36-34.1	120-41.6	0.2	1.7	11	153	13.7	0.13	0.9	0.9	B		TUNEY HILLS
	1	12	52	6.4	37-33.8	121-26.8	5.1	1.4	11	223	17.2	0.22	2.6	0.9	D		LONE TREE CREEK
	1	15	2	0.2	37-16.8	122-5.0	3.6	0.8	8	106	3.6	0.04	0.3	0.2	B		CUPERTINO
	1	16	27	24.1	36-53.5	121-24.8	4.7	1.0	16	63	4.0	0.06	0.2	1.5	A		SAN FELIPE
	2	2	14	4.8	36-52.4	121-36.8	5.0	2.2	44	79	2.4	0.18	0.4	0.4	B		SAN JUAN BAUTISTA
	2	4	57	3.9	36-34.3	121-4.5	10.9	1.6	21	66	4.9	0.13	0.4	0.7	A		SAN BENITO
	2	7	32	53.3	36-32.8	121-10.5	8.0	1.0	7	136	3.4	0.04	0.4	0.6	B		BICKMORE CANYON
	2	20	1	0.3	37-3.7	121-49.5	5.4	1.5	16	79	1.8	0.15	0.6	0.8	A		LOMA PRIETA
	3	8	50	5.7	36-31.6	121-5.6	9.0	1.6	19	64	2.5	0.08	0.3	0.5	A		SAN BENITO
	3	11	14	20.1	36-30.1	121-7.6	2.9	1.0	9	98	4.7	0.11	0.8	0.8	B		BICKMORE CANYON
	3	16	1	52.7	35-56.9	120-31.4	10.8	1.5	9	133	4.4	0.08	0.7	0.8	B		STOCKDALE MTN
	3	23	25	47.4	35-53.3	120-26.9	7.4	1.3	6	111	3.2	0.07	0.9	0.9	B		PARKFIELD
	4	4	20	49.0	36-43.0	121-22.3	2.7	0.7	9	91	2.7	0.09	0.6	0.6	B		PAICINES
	4	8	51	23.0	37-3.7	121-28.7	7.9	1.8	24	85	4.0	0.11	0.4	0.8	A		GILROY HOT SPRINGS
	4	12	25	28.1	36-28.9	121-6.3	1.0	1.4	12	75	4.1	0.10	0.6	0.7	A		TOPO VALLEY
	4	13	25	1.2	36-37.9	121-15.2	5.3	0.8	8	95	1.3	0.06	0.5	0.8	B		PAICINES
	4	16	38	40.1	36-29.8	121-7.2	5.9	1.9	20	62	4.2	0.10	0.3	0.9	A		TOPO VALLEY
	4	16	50	24.7	37-7.8	121-28.8	4.8	0.9	8	128	4.9	0.09	0.7	1.6	B		MISSISSIPPI CREEK
	4	17	11	46.9	36-55.9	121-22.2	5.1	1.0	11	66	6.4	0.11	0.6	2.0	B		THREE SISTERS
	4	21	14	32.6	36-40.2	120-49.8	0.4	2.0	17	101	3.4	0.12	0.6	1.0	B		MERCY HOT SPRINGS
	5	5	11	10.6	36-32.2	120-32.8	10.6	2.7	36	161	26.0	0.19	0.9	0.6	C		MONOCLINE RIDGE
	5	17	19	8.3	37-17.8	121-37.9	7.0	0.8	10	75	5.6	0.14	0.8	2.6	B		LICK OBSERVATORY
	5	17	42	12.8	37-17.8	121-38.0	8.5	1.5	17	75	5.5	0.13	0.5	1.5	A		LICK OBSERVATORY
	5	19	1	33.6	37-17.7	122-5.9	6.1	2.6	33	39	2.6	0.13	0.3	0.4	A		CUPERTINO
	5	19	22	45.9	37-17.5	122-6.3	6.2	0.8	7	140	1.8	0.17	1.9	2.3	C		CUPERTINO
	5	19	25	34.3	37-17.3	122-5.6	5.6	1.4	14	82	2.8	0.08	0.4	0.5	A		CUPERTINO
	5	19	52	21.9	37-17.7	122-6.0	6.2	2.5	30	40	2.4	0.13	0.4	0.4	A		CUPERTINO
	5	19	59	0.8	37-17.3	122-5.6	5.5	0.8	6	155	2.7	0.08	1.3	1.6	C		CUPERTINO
	6	0	53	42.5	36-36.7	121-15.6	9.4	0.3	8	112	4.8	0.07	0.6	1.0	B		MT JOHNSON
	6	2	14	59.2	37-3.8	121-28.5	8.0	1.1	12	85	4.3	0.13	0.7	1.4	A		GILROY HOT SPRINGS
	6	5	32	17.6	37-17.6	122-6.8	4.8	1.4	12	75	4.8	0.15	0.7	0.4	A		CUPERTINO
	6	5	59	7.8	37-26.2	121-47.2	3.6	1.0	10	87	2.0	0.16	0.9	0.4	B		CALAVERAS RESERVOIR
	6	7	13	54.6	36-36.7	121-14.8	4.1	1.4	21	60	2.7	0.09	0.3	0.5	A		BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP	6	7	23	40.7	36-30.4	121-7.8	3.3	1.4	14	76	4.9	0.11	0.5	0.6	A	BICKMORE CANYON	
	6	7	48	52.8	35-34.0	121-11.8	6.3	0.7	11	79	1.1	0.04	0.2	0.3	A	BICKMORE CANYON	
	6	9	51	42.2	37-17.8	122-5.9	6.8	1.8	17	39	2.6	0.12	0.5	0.8	A	CUPERTINO	
	6	18	0	57.8	35-40.7	121-20.0	4.1	0.8	8	111	3.6	0.06	0.5	1.0	B	PAICINES	
	7	5	6	50.9	36-36.8	121-15.9	6.9	1.7	24	40	3.2	0.11	0.3	0.6	A	MT JOHNSON	
	7	8	28	51.6	36-34.7	121-5.0	7.0	1.1	9	91	7.5	0.14	0.9	2.2	B	SAN BENITO	
	7	11	27	51.1	36-38.4	121-17.1	4.0	0.9	12	55	3.1	0.07	0.4	0.4	A	PAICINES	
	7	13	21	42.8	35-43.7	121-22.4	7.5	1.0	9	78	3.5	0.05	0.3	0.6	A	PAICINES	
	7	14	56	56.1	36-46.8	121-16.9	3.7	0.8	12	83	8.5	0.08	0.4	0.4	B	TRES PINOS	
	7	17	41	58.7	36-41.1	121-25.6	6.9	1.2	18	65	7.9	0.13	0.5	1.2	B	MT HARLAN	
	7	18	19	12.2	37-17.7	122-5.8	6.2	2.2	35	39	2.7	0.15	0.4	0.4	A	CUPERTINO	
	7	19	11	25.3	36-40.4	121-19.9	4.4	2.2	28	44	4.0	0.13	0.4	0.4	A	PAICINES	
	7	20	45	56.1	36-33.8	121-12.0	8.2	3.2	40	45	1.7	0.15	0.3	0.6	A	BICKMORE CANYON	
	8	2	48	27.5	37-3.8	121-27.4	5.6	1.1	13	81	3.8	0.10	0.5	1.0	A	GILROY HOT SPRINGS	
	8	3	44	58.3	36-55.8	121-32.7	5.0	1.0	14	63	3.6	0.06	0.2	0.5	A	CHITTENDEN	
	8	4	48	13.9	35-58.2	121-33.2	9.9	1.8	14	294	10.1	0.11	2.4	0.5	C	***OFFSHORE - CAPE	
	8	5	49	59.2	36-45.3	121-31.0	11.8	0.8	9	127	7.0	0.20	2.0	4.1	B	SAN JUAN BAUTISTA	
	8	6	39	24.2	37-2.5	121-28.2	3.6	0.9	8	67	2.2	0.06	0.4	0.5	A	GILROY HOT SPRINGS	
	8	8	34	25.2	35-34.0	121-12.1	7.4	1.5	12	67	1.5	0.06	0.3	0.6	A	BICKMORE CANYON	
	8	10	20	43.0	36-53.0	121-31.8	4.5	1.9	28	41	4.2	0.09	0.2	0.3	A	CHITTENDEN	
	8	11	16	40.1	36-35.3	121-14.0	7.7	2.9	39	56	4.2	0.14	0.3	0.6	A	BICKMORE CANYON	
	8	11	46	52.5	36-37.3	121-15.5	5.6	1.5	11	64	2.2	0.07	0.4	0.8	A	MT JOHNSON	
	8	11	54	6.6	37-2.7	121-45.4	12.6	2.0	46	47	4.7	0.16	0.4	0.4	B	LOMA PRIETA	
	8	18	11	13.5	37-32.6	121-50.2	4.5	0.8	9	89	3.8	0.15	1.0	1.0	B	LA COSTA VALLEY	
	8	19	0	31.8	36-33.8	121-11.8	7.3	1.3	14	67	1.6	0.03	0.1	0.2	A	BICKMORE CANYON	
	8	22	14	37.3	36-14.2	120-50.6	6.5	2.6	19	110	5.0	0.21	0.8	1.8	B	MONARCH PEAK	
	9	2	48	21.3	36-41.8	121-21.7	4.8	2.9	41	67	2.1	0.22	0.5	0.6	B	PAICINES	
	9	5	36	32.0	35-13.8	120-51.1	6.4	2.8	27	105	5.4	0.24	0.9	1.8	B	MONARCH PEAK	
	9	8	6	18.1	37-23.2	121-36.2	4.9	2.8	71	62	7.6	0.16	0.3	0.3	B	EYLAR MTN	
	9	8	46	59.0	36-33.7	121-11.8	7.7	0.9	11	79	1.6	0.03	0.2	0.3	A	BICKMORE CANYON	
	9	11	4	53.3	36-33.5	121-11.5	7.5	1.0	9	82	1.8	0.02	0.2	0.2	A	BICKMORE CANYON	
	9	12	11	57.7	37-10.7	121-36.9	4.2	1.2	17	95	1.8	0.13	0.5	0.4	B	MT SIZER	
	9	16	13	36.5	36-32.3	121-10.3	7.3	1.3	12	84	4.3	0.05	0.2	0.5	A	BICKMORE CANYON	
	9	17	57	2.8	36-57.2	121-34.7	5.4	1.1	11	65	0.7	0.06	0.3	0.5	A	CHITTENDEN	
	9	19	57	24.6	36-36.0	120-47.3	0.7	1.7	7	189	6.9	0.06	0.6	0.6	C	PANOCH	
	10	4	38	29.9	36-28.6	121-4.8	4.1	1.2	11	102	3.6	0.08	0.4	1.0	B	TOPO VALLEY	
	10	6	47	42.5	36-54.6	121-25.1	3.3	1.0	11	70	6.0	0.09	0.4	0.5	B	SAN FELIPE	
	10	9	16	10.6	37-27.0	121-47.6	9.7	0.8	6	109	0.6	0.16	2.1	3.0	B	CALAVERAS RESERVOIR	
	10	10	58	55.7	36-56.8	121-36.4	3.6	0.8	10	82	2.4	0.13	0.8	0.4	A	CHITTENDEN	
	10	15	31	35.2	37-10.4	121-33.6	5.7	1.4	18	103	5.9	0.11	0.4	0.7	B	MT SIZER	
	11	1	2	40.7	36-35.4	121-13.8	7.6	0.9	9	71	4.0	0.04	0.3	0.6	A	BICKMORE CANYON	
	11	2	40	11.2	36-37.8	121-16.2	5.9	1.2	12	53	2.8	0.05	0.3	0.5	A	PAICINES	
	11	7	1	56.2	36-33.7	121-11.8	7.3	0.5	6	158	1.7	0.04	0.5	0.8	B	BICKMORE CANYON	
	11	7	3	22.2	36-58.1	121-38.0	1.6	1.9	24	47	4.6	0.10	0.3	0.2	A	WATSONVILLE EAST	
	11	9	33	20.3	36-14.5	120-50.3	0.4	1.6	8	120	4.9	0.11	0.9	1.1	B	MONARCH PEAK	

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	ER2	Q	QUADRANGLE
SEP	11	15	52	8.3	36-38.1	121-14.2		8.1	1.3	9	87	0.2	0.10	0.7	1.3	A	CHERRY PEAK
	11	21	45	27.7	35-57.7	120-32.4		10.7	1.0	7	142	6.2	0.08	0.9	1.6	B	STOCKDALE MTN
	12	1	27	32.2	38-46.8	122-47.3		2.6	3.3	14	124	8.3	0.17	0.8	0.6	B	THE GEYSERS
	12	5	50	13.9	37-25.5	121-36.7		6.0	1.6	25	147	10.9	0.15	0.5	1.1	B	EYLAR MTN
	12	7	11	6.8	38-46.7	122-50.3		1.4	2.0	8	153	10.3	0.18	2.3	1.2	C	THE GEYSERS
	12	11	56	42.4	37-48.8	122-12.1		5.2	1.3	13	61	4.3	0.12	0.5	1.5	A	OAKLAND EAST
	12	13	2	40.2	35-33.7	121-11.8		7.3	1.6	20	67	1.7	0.07	0.3	0.5	A	BICKMORE CANYON
	12	21	7	12.0	36-27.6	121-4.7		6.1	1.5	17	79	5.5	0.11	0.4	1.1	A	TOPO VALLEY
	12	21	21	20.1	36-37.0	121-15.5		5.6	3.0	37	58	2.6	0.15	0.4	0.5	A	MT JOHNSON
	12	21	26	41.9	36-37.2	121-15.5		4.5	1.6	15	57	2.4	0.07	0.3	0.6	A	MT JOHNSON
	12	22	17	0.5	35-1.3	120-36.1		5.5	1.6	7	166	14.3	0.12	2.3	1.2	C	SMITH MTN
	12	22	30	1.0	36-40.1	120-50.2		0.2	2.0	14	94	4.1	0.19	0.9	1.7	B	MERCY HOT SPRINGS
	13	0	9	14.5	37-17.0	122-4.7		1.5	0.8	7	172	4.0	0.07	0.7	0.4	B	CUPERTINO
	13	1	14	13.9	35-34.7	121-13.2		8.4	0.7	7	94	2.8	0.04	0.4	0.7	B	BICKMORE CANYON
	13	3	39	23.8	36-36.8	121-15.5		5.3	0.9	10	66	5.0	0.07	0.5	0.9	A	MT JOHNSON
	13	5	57	2.0	36-34.1	121-12.1		5.8	2.4	26	67	1.4	0.12	0.3	0.8	A	BICKMORE CANYON
	13	8	1	7.7	37-0.9	121-27.4		4.0	0.8	7	76	2.6	0.05	0.3	0.8	A	GILROY HOT SPRINGS
	13	17	18	8.8	38-31.2	122-44.5		2.7	2.2	12	116	3.8	0.10	0.6	0.5	B	MARK WEST SPRINGS
	13	17	51	52.6	36-48.7	121-24.3		7.7	1.6	28	35	5.0	0.13	0.3	1.1	A	HOLLISTER
	13	18	11	20.1	37-0.8	121-28.2		4.3	1.8	25	62	1.8	0.20	0.6	0.5	B	GILROY HOT SPRINGS
	13	18	55	56.4	36-34.6	121-11.6		2.3	1.7	14	63	0.5	0.09	0.3	0.3	A	BICKMORE CANYON
	13	22	31	7.2	35-11.6	120-47.7		0.1	1.5	7	143	2.5	0.14	1.3	1.4	C	MONARCH PEAK
	13	22	47	23.3	36-48.7	121-24.3		7.7	0.9	10	81	5.1	0.08	0.5	2.3	B	HOLLISTER
	14	2	55	15.8	37-2.4	121-29.1		8.8	2.5	52	52	1.7	0.17	0.3	0.6	B	GILROY HOT SPRINGS
	14	3	21	37.1	37-2.1	121-28.5		8.1	1.3	18	64	1.3	0.12	0.5	1.0	A	GILROY HOT SPRINGS
	14	3	33	12.9	37-1.8	121-28.6		8.6	1.0	11	84	0.7	0.11	0.7	1.1	A	GILROY HOT SPRINGS
	14	5	44	40.0	36-40.8	121-18.5		4.7	2.1	28	41	3.5	0.14	0.4	0.5	A	PAICINES
	14	6	46	38.2	38-48.4	122-48.6		3.2	1.2	6	126	10.9	0.07	0.8	0.6	B	THE GEYSERS
	14	9	22	57.8	36-14.4	120-49.9		2.8	1.4	7	127	4.3	0.13	1.3	6.5	C	MONARCH PEAK
	14	11	42	21.7	36-42.5	121-22.1		3.6	0.7	7	124	2.3	0.11	1.0	0.8	B	PAICINES
	15	0	9	24.4	37-29.1	121-49.4		6.4	0.5	8	121	4.3	0.10	0.8	1.2	B	CALAVERAS RESERVOIR
	15	1	29	53.3	36-29.8	121-7.1		5.9	1.6	17	62	4.1	0.12	0.4	1.1	A	TOPO VALLEY
	15	9	36	3.8	36-33.6	121-11.8		7.7	1.0	11	81	1.9	0.03	0.2	0.3	A	BICKMORE CANYON
	15	12	36	58.8	37-47.4	121-46.2		9.4	2.1	33	74	3.7	0.22	0.7	0.9	B	TASSAJARA
	15	12	58	32.6	36-57.3	121-36.4		3.1	0.7	9	89	2.1	0.13	0.7	0.5	A	CHITTENDEN
	15	13	22	34.1	37-6.1	121-30.4		6.9	0.8	9	137	5.3	0.08	0.5	1.2	B	GILROY
	15	13	27	42.1	37-47.3	121-45.6		9.5	1.6	17	153	4.5	0.18	0.9	1.1	C	TASSAJARA
	15	13	50	29.4	37-6.7	121-30.5		7.5	0.7	13	113	5.6	0.08	0.4	0.8	B	GILROY
	15	14	22	32.9	36-37.9	121-15.2		7.2	1.4	11	70	1.2	0.06	0.4	0.5	A	PAICINES
	15	17	36	17.3	37-32.3	121-49.2		5.6	1.6	21	72	4.8	0.14	0.5	0.6	A	LA COSTA VALLEY
	15	20	0	1.2	37-12.8	121-32.1		5.1	1.2	13	118	13.1	0.12	0.7	0.7	B	MT SIZER
	15	22	51	45.9	36-18.4	120-54.2		2.2	1.7	12	98	2.5	0.11	0.6	0.6	B	LONDAK
	15	23	19	18.6	36-59.7	121-40.5		5.4	1.6	21	49	4.5	0.18	0.6	0.9	B	WATSONVILLE EAST
	15	23	21	38.1	36-59.6	121-40.6		4.7	1.4	11	78	4.4	0.14	1.1	1.0	B	WATSONVILLE EAST
	16	3	10	24.9	36-49.5	121-23.5		7.7	1.0	13	90	3.7	0.15	0.7	1.6	B	HOLLISTER

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	FRZ	Q	QUAD	PANGLE
SEP 16	3	54	22.5	36-39.6		121-18.0		2.8	1.5	16	58	2.5	0.15	0.7	0.6	A	PAICINES	
16	4	4	17.3	36-39.6		121-18.3		4.0	1.7	19	55	2.9	0.15	0.6	0.5	A	PAICINES	
16	4	10	12.6	36-33.8		121-12.0		7.3	0.8	10	78	1.7	0.04	0.2	0.4	A	RICKMORE CANYON	
16	8	39	52.2	36-27.2		121-4.3		8.0	0.5	9	109	5.8	0.08	0.6	1.2	B	TOPO VALLEY	
16	10	24	33.5	37-26.9		121-47.0		8.0	1.2	16	78	1.4	0.14	0.6	1.0	A	CALAVERAS RESERVOIR	
17	3	3	10.1	37-17.4		121-38.2		5.6	0.9	9	88	4.8	0.12	0.7	1.2	A	LICK OBSERVATORY	
17	3	37	34.3	37-18.6		122-10.0		5.6	0.6	8	73	4.7	0.06	0.6	1.2	A	MINDEGO HILL	
17	6	17	4.7	36-46.8		121-24.4		5.0	2.3	32	42	3.8	0.15	0.4	0.5	A	HOLLISTER	
17	13	35	14.6	36-36.4		121-13.9		2.2	1.3	13	60	3.1	0.09	0.3	0.3	A	RICKMORE CANYON	
17	19	19	33.3	38-33.8		122-29.0		3.3	1.3	9	113	11.8	0.05	0.4	0.3	B	ST HELENA	
18	2	42	22.6	37-28.3		121-40.1		2.3	0.9	8	127	11.8	0.02	0.1	0.1	B	MT DAY	
18	3	24	46.5	37-28.2		121-49.0		4.1	0.6	7	123	2.6	0.14	1.2	0.6	B	CALAVERAS RESERVOIR	
18	7	44	31.9	36-48.7		121-24.4		8.3	1.2	20	46	5.0	0.12	0.4	1.1	A	HOLLISTER	
18	7	56	38.1	35-31.2		121-7.4		8.6	0.6	9	87	4.3	0.09	0.6	1.4	A	SAN BENITO	
18	12	12	48.9	36-23.8		121-1.1		7.6	1.5	16	87	3.0	0.10	0.4	0.8	A	TOPO VALLEY	
19	2	22	50.6	37-43.7		122-7.7		7.5	1.6	28	48	7.2	0.12	0.3	0.6	A	SAN LEANDRO	
19	7	47	12.8	37-2.1		121-28.7		8.1	1.2	20	65	1.2	0.11	0.4	0.8	A	GILROY HOT SPRINGS	
19	9	49	12.5	36-48.8		121-12.0		9.3	1.2	16	62	2.6	0.07	0.3	0.6	A	QUIEN SABE VALLEY	
19	14	18	48.8	36-47.6		121-17.4		9.0	0.9	9	87	8.2	0.11	0.9	2.5	B	TRES PINOS	
19	15	48	51.9	38-41.0		123-1.7		9.3	1.9	11	259	27.9	0.17	1.9	7.3	D	SKAGGS SPRINGS	
19	17	21	21.9	36-33.3		121-9.2		11.1	1.8	21	62	3.9	0.08	0.3	0.4	A	BICKMORE CANYON	
19	17	27	52.1	36-43.9		121-22.6		5.8	2.0	20	47	3.9	0.13	0.4	1.0	A	MT HARLAN	
19	17	32	42.8	36-43.9		121-22.3		7.9	1.1	9	87	3.6	0.05	0.4	0.6	A	PAICINES	
19	18	10	25.2	36-36.5		121-14.7		5.2	0.1	7	116	3.0	0.05	0.5	0.6	B	BICKMORE CANYON	
19	21	16	49.7	37-17.4		122-6.1		5.0	1.0	9	79	5.0	0.08	0.5	0.4	B	CUPERTINO	
19	22	0	11.4	36-40.2		120-50.1		0.2	1.9	8	97	3.9	0.17	1.2	2.1	B	MERCY HOT SPRINGS	
20	1	49	45.9	36-33.3		121-8.0		10.2	1.9	20	62	5.4	0.10	0.4	0.6	A	BICKMORE CANYON	
20	8	29	53.9	36-30.6		120-41.3		7.3	2.1	12	202	19.1	0.20	1.9	3.6	C	TUMNEY HILLS	
20	8	37	56.6	37-25.5		121-46.2		6.4	0.8	10	86	3.8	0.09	0.5	0.9	A	CALAVERAS RESERVOIR	
20	9	11	6.6	36-58.9		121-39.1		5.0	1.0	10	85	4.9	0.07	0.4	1.3	A	WATSONVILLE EAST	
20	9	47	31.7	36-22.1		120-33.8		11.9	2.1	11	194	23.0	0.14	1.5	1.5	C	SANTA RITA PEAK	
20	13	14	12.3	36-51.9		121-14.3		4.8	1.6	28	90	4.2	0.11	0.3	0.3	A	QUIEN SABE VALLEY	
20	14	18	10.4	36-46.8		121-24.5		6.0	0.9	7	111	7.9	0.08	0.8	2.5	B	HOLLISTER	
20	15	28	58.7	36-37.2		121-16.2		9.3	2.4	31	45	3.2	0.11	0.3	0.5	A	MT JOHNSON	
20	17	46	2.8	37-2.2		121-28.6		5.4	1.1	15	65	1.5	0.13	0.6	1.0	A	GILROY HOT SPRINGS	
20	20	0	47.5	36-37.2		121-16.2		8.5	1.5	17	52	3.2	0.07	0.3	0.4	A	MT JOHNSON	
20	20	27	38.3	36-37.2		121-16.0		8.0	1.0	14	57	2.9	0.08	0.4	0.6	A	MT JOHNSON	
21	0	2	54.0	36-27.2		121-39.4		12.2	1.0	9	201	12.1	0.05	0.8	0.6	C	CARMEL VALLEY	
21	5	12	55.6	36-41.5		121-11.9		12.7	1.0	14	114	3.7	0.08	0.5	0.9	B	CHERRY PEAK	
21	8	0	52.1	36-35.2		121-6.9		10.3	1.7	19	46	6.7	0.13	0.5	0.7	A	SAN BENITO	
21	10	14	8.0	36-34.8		121-12.3		3.4	0.6	10	82	1.5	0.09	0.5	0.4	A	BICKMORE CANYON	
21	13	15	8.1	36-46.7		120-59.8		3.0	1.3	14	89	15.8	0.12	0.5	0.4	B	ORTIGALITA PEAK	
21	17	4	5.2	35-35.6		121-14.0		6.7	1.6	16	76	4.5	0.06	0.3	0.4	A	BICKMORE CANYON	
21	18	9	34.6	36-30.0		120-42.5		6.8	1.9	14	137	17.3	0.21	1.4	9.3	C	TUMNEY HILLS	
22	2	1	17.9	36-33.0		121-10.7		4.6	2.3	23	65	2.9	0.14	0.4	0.9	A	BICKMORE CANYON	

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP	22	4	44	21.1	36-51.0	121-34.8	5.4	1.9	31	49	3.9	0.19	0.5	0.2 B	SAN JUAN BAUTISTA
	22	7	14	20.1	36-35.0	121-5.6	12.2	1.2	13	77	6.2	0.13	0.8	1.4 A	SAN BENITO
	22	20	13	28.4	36-48.6	121-18.6	15.1	0.5	7	112	8.3	0.05	0.8	1.5 B	TRES PINOS
	23	2	34	37.6	36-33.6	121-10.6	9.6	0.7	8	128	2.0	0.02	0.2	0.4 B	RICKMORE CANYON
	23	5	30	55.6	36-16.9	120-53.2	0.7	1.9	9	101	5.3	0.17	1.1	1.3 B	LONOK
	23	5	31	35.0	37-15.3	121-47.7	4.9	0.8	11	116	3.9	0.06	0.3	0.2 B	SAN JOSE EAST
	23	11	10	27.5	35-21.7	121-53.3	12.1	1.6	10	239	26.6	0.07	1.3	0.4 C	POINT SUR
	23	16	46	57.3	36-48.7	121-33.0	6.4	1.2	14	63	2.7	0.12	0.8	1.4 A	SAN JUAN BAUTISTA
	23	22	33	3.0	37-48.7	121-56.8	4.3	1.5	10	72	2.2	0.12	0.5	0.4 A	DIABLO
	24	0	2	18.0	36-47.9	121-31.4	4.8	1.5	26	37	4.5	0.19	0.6	0.8 B	SAN JUAN BAUTISTA
	24	0	24	45.7	36-35.3	121-9.0	12.0	0.5	6	160	3.7	0.04	0.7	1.3 B	RICKMORE CANYON
	24	0	44	44.5	37-22.1	121-48.3	3.5	1.3	16	111	6.1	0.17	0.7	0.5 B	LA COSTA VALLEY
	24	0	58	37.2	36-37.7	121-10.7	9.4	1.1	12	66	1.8	0.04	0.2	0.4 A	RICKMORE CANYON
	24	2	32	15.6	36-38.2	121-17.4	8.6	1.5	17	48	3.5	0.07	0.3	0.4 A	PAICINES
	24	5	8	3.7	36-52.9	121-18.1	4.6	0.4	8	121	0.6	0.13	1.0	1.2 B	THREE SISTERS
	24	5	9	15.7	36-58.5	121-39.8	5.0	0.8	7	79	3.7	0.06	0.6	0.5 A	WATSONVILLE EAST
	24	7	32	48.8	36-44.2	121-20.0	9.7	0.3	7	127	2.2	0.04	0.4	1.0 B	PAICINES
	24	10	44	18.4	36-23.1	121-51.4	7.1	1.1	10	280	24.5	0.08	0.9	4.5 C	MT CARMEL
	25	2	2	51.0	36-27.8	121-5.1	9.5	2.5	29	63	5.2	0.12	0.3	0.6 A	TOPO VALLEY
	25	3	14	19.6	36-37.0	121-16.1	4.6	1.1	15	72	2.6	0.08	0.3	0.6 A	PAICINES
	25	4	48	28.1	36-37.6	121-16.4	6.7	1.4	16	55	3.2	0.09	0.3	0.6 A	PAICINES
	25	5	57	18.8	36-32.9	121-11.6	6.6	0.6	10	66	1.2	0.14	0.8	1.5 A	RICKMORE CANYON
	25	11	14	2.4	36-34.4	121-12.7	7.6	0.8	12	68	2.1	0.05	0.2	0.4 A	RICKMORE CANYON
	25	11	16	27.9	36-34.3	121-12.8	7.3	0.9	14	68	2.2	0.05	0.2	0.4 A	RICKMORE CANYON
	25	12	55	26.7	36-34.1	121-12.7	8.2	0.3	11	80	2.2	0.03	0.2	0.2 A	RICKMORE CANYON
	25	16	24	35.6	37-8.0	121-31.8	5.6	2.7	66	54	8.5	0.22	0.4	0.5 B	MT SIZER
	25	16	34	2.2	37-22.5	121-45.2	2.2	1.3	8	81	1.7	0.11	0.8	0.5 A	SAN JOSE EAST
	26	0	37	5.7	36-53.1	121-33.0	6.3	1.6	24	39	3.6	0.11	0.3	0.7 A	CHITTENDEN
	26	1	56	53.0	36-15.5	120-51.6	2.0	1.8	13	113	7.6	0.14	0.6	0.5 B	HEPSFAM PEAK
	26	5	25	10.7	36-33.1	121-9.2	10.3	0.6	7	142	4.1	0.00	0.0	0.0 B	RICKMORE CANYON
	26	5	57	36.6	37-2.8	121-5.7	4.6	1.9	34	78	2.0	0.20	0.6	0.5 B	SAN LUIS DAM
	26	6	37	46.1	36-38.6	121-1.1	4.8	1.5	15	77	5.8	0.16	0.7	0.6 B	PANOCH PASS
	26	8	21	39.3	36-34.9	121-12.0	2.4	1.2	7	86	1.2	0.04	0.3	0.2 A	RICKMORE CANYON
	26	11	0	22.7	35-58.7	120-34.9	1.3	1.4	9	139	10.3	0.15	1.4	1.3 C	STOCKDALE MTN
	26	13	32	54.0	38-29.2	122-42.8	1.3	1.4	10	94	7.1	0.07	0.4	0.5 B	SANTA ROSA
	26	16	15	11.9	36-31.1	121-7.7	10.2	1.2	9	87	4.9	0.09	0.7	1.5 A	RICKMORE CANYON
	26	21	8	45.0	37-24.4	121-45.1	5.0	1.7	24	82	5.3	0.12	0.4	0.4 B	CALAVERAS RESERVOIR
	26	22	22	31.8	36-43.9	121-22.4	8.4	1.0	7	96	3.7	0.04	0.4	0.7 B	PAICINES
	27	5	35	21.6	38-34.4	122-43.9	2.0	1.6	8	102	2.7	0.05	0.4	0.2 B	MARK WEST SPRINGS
	27	7	34	19.7	36-33.6	121-11.8	7.0	0.7	9	80	1.7	0.05	0.3	0.5 A	RICKMORE CANYON
	27	12	41	43.2	37-9.3	121-34.1	4.5	0.8	6	113	5.0	0.15	1.0	1.3 B	MT SIZER
	27	13	1	5.3	36-30.8	121-7.1	12.2	0.8	8	94	9.3	0.07	0.6	2.2 B	SAN PENITO
	27	15	3	7.6	36-31.4	121-8.9	5.6	2.6	32	58	6.8	0.13	0.3	1.2 B	RICKMORE CANYON
	27	16	16	20.8	37-2.1	121-28.8	8.2	2.0	34	56	1.1	0.12	0.3	0.5 A	GILROY HOT SPRINGS
	27	18	26	1.2	38-19.8	122-34.2	7.5	0.6	6	101	8.0	0.04	0.6	1.7 B	GLEN ELLEN

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO GAP	DMIN	RMS	ERH	FRZ Q	QUADRANGLE			
SEP	27	18	57	10.9	36-31.5	121- 8.9	4.6	2.2	25	58	6.7	0.13	0.4	0.9 B	BICKMORE CANYON	
	27	20	29	53.4	36-28.0	121- 5.1	7.4	0.9	13	92	5.0	0.09	0.4	1.0 B	TOPO VALLEY	
	27	20	59	54.6	36-46.3	121-16.3	5.8	0.5	7	134	8.7	0.03	0.4	3.2 B	TRES PINOS	
	27	23	31	49.1	38-28.9	122-39.9	5.9	1.6	10	75	6.6	0.10	0.6	1.9 B	SANTA ROSA	
	28	0	50	51.7	37-19.0	122-17.6	2.6	1.3	10	104	5.0	0.06	0.3	0.2 B	LA HONDA	
	28	1	4	6.9	37-21.2	122-12.2	8.6	1.0	11	63	0.1	0.08	0.4	0.7 A	MINDEGO HILL	
	28	5	12	57.1	36-47.0	121-16.8	9.3	1.9	36	60	8.3	0.09	0.2	0.6 A	TRES PINOS	
	28	6	32	52.8	36-57.3	121-36.6	5.3	1.8	26	46	2.3	0.07	0.2	0.2 A	CHITTENDEN	
	28	11	41	53.6	36-40.5	121-11.4	9.3	1.8	23	67	1.9	0.12	0.4	0.7 A	CHERRY PEAK	
	28	13	49	58.7	36-59.9	121- 5.9	3.5	1.5	17	98	1.6	0.13	0.5	0.3 B	LOS BANOS VALLEY	
	28	14	16	24.0	36-58.0	121-38.3	4.8	1.0	10	81	4.4	0.08	0.4	1.2 A	WATSONVILLE EAST	
	28	15	43	50.7	36-35.8	121- 8.6	9.1	1.1	15	56	4.7	0.12	0.5	1.0 A	BICKMORE CANYON	
	28	17	26	24.6	36-40.2	121-18.2	2.8	0.9	11	132	2.7	0.11	0.6	0.7 B	PAICINES	
	28	18	19	19.5	36-31.6	121- 9.0	4.9	2.4	24	59	6.3	0.13	0.4	0.6 B	BICKMORE CANYON	
	28	19	56	22.0	36-20.3	120-56.9	4.9	1.0	9	69	3.1	0.19	1.2	2.3 B	LONDAK	
	28	23	10	42.9	37-15.6	121-37.1	7.6	1.1	14	91	4.8	0.09	0.4	0.9 B	ISABEL VALLEY	
	29	0	8	44.4	37-33.4	121-49.5	5.9	1.1	11	78	5.7	0.15	0.8	1.5 B	LA COSTA VALLEY	
	29	4	24	34.1	36-44.7	121- 2.7	2.8	1.2	13	68	10.3	0.10	0.5	0.4 B	PANOCHÉ PASS	
	29	8	59	25.3	36-32.8	121-10.8	6.4	2.0	29	66	3.2	0.10	0.3	0.4 A	BICKMORE CANYON	
	29	10	56	1.6	38-48.5	122-47.3	0.5	1.6	8	119	9.4	0.11	2.0	3.3 B	THE GEYSERS	
	29	13	57	10.0	36-30.0	121- 6.9	3.3	1.2	11	99	3.8	0.12	0.7	0.7 B	TOPO VALLEY	
	29	20	22	56.1	36-14.0	120-49.6	1.4	1.8	9	123	3.5	0.11	0.7	0.5 B	MONARCH PEAK	
	29	21	24	24.8	36-32.8	121-10.9	7.1	0.1	9	71	3.2	0.04	0.3	0.5 A	BICKMORE CANYON	
	29	21	24	25.6	36-32.9	121-11.0	6.7	1.6	23	67	2.9	0.07	0.2	0.5 A	BICKMORE CANYON	
	29	21	24	42.7	36-32.9	121-10.8	7.3	1.7	20	66	3.0	0.06	0.2	0.4 A	BICKMORE CANYON	
	29	21	25	23.7	36-32.8	121-10.9	6.4	2.3	36	62	3.1	0.15	0.4	0.5 A	BICKMORE CANYON	
	29	22	2	58.7	36-35.0	121- 6.6	9.8	0.9	9	75	7.2	0.14	1.1	2.7 B	SAN RENITO	
	29	22	20	4.3	37-36.4	121-46.4	3.0	1.5	12	103	12.1	0.19	1.3	1.3 C	LA COSTA VALLEY	
	29	22	22	12.5	37-36.4	121-46.5	7.0	0.9	6	118	12.2	0.05	0.5	2.7 B	LA COSTA VALLEY	
	29	22	25	32.9	36-31.2	121- 7.0	10.9	1.0	9	86	3.9	0.08	0.6	1.5 A	SAN BENITO	
	30	11	10	15.7	37- 4.0	121-29.0	6.8	0.5	11	95	4.6	0.11	0.6	1.2 B	GILROY HOT SPRINGS	
	30	11	18	7.7	36-34.8	121-13.3	8.2	2.1	25	59	2.9	0.07	0.2	0.4 A	BICKMORE CANYON	
	30	11	56	39.1	37- 3.6	121-28.8	4.7	1.3	21	50	3.9	0.13	0.4	0.7 A	GILROY HOT SPRINGS	
	30	13	50	47.7	36-32.0	121- 6.1	11.2	1.0	7	90	3.5	0.03	0.6	1.5 B	SAN BENITO	
	30	15	41	16.8	37-56.0	121-41.4	8.0	1.9	18	195	7.8	0.24	1.3	1.0 C	BRENTWOOD	
	30	15	44	50.8	37-55.8	121-39.3	5.5	1.6	12	197	10.6	0.20	1.5	0.8 C	BRENTWOOD	
	30	18	17	27.7	36-35.6	121-17.2	4.1	0.8	11	70	3.1	0.08	0.4	0.8 A	MT JOHNSON	
	30	23	37	28.8	36-39.8	120-49.8	0.2	2.1	18	89	3.3	0.15	0.8	1.4 A	MERCY HOT SPRINGS	
	OCT	1	3	11	11.4	36-38.8	121-16.8	4.5	1.0	9	65	2.2	0.03	0.2	0.4 A	PAICINES
	1	3	31	33.6	36-32.8	121- 9.9	6.7	1.3	8	72	3.8	0.05	0.3	0.7 A	BICKMORE CANYON	
	1	5	10	14.2	36-21.6	120-19.5	7.5	3.2	35	143	5.3	0.20	1.1	0.7 C	DOMENGINE RANCH	
	1	9	37	42.8	36-38.1	121-16.9	6.0	1.7	19	55	3.6	0.09	0.3	0.6 A	PAICINES	
	1	10	34	29.5	36-34.6	121- 7.1	12.3	1.7	20	60	6.3	0.11	0.4	0.7 A	SAN RENITO	
	1	10	47	23.3	36-27.6	121- 5.2	7.1	1.4	17	62	5.6	0.09	0.3	0.8 A	TOPO VALLEY	
	1	17	4	56.9	36-19.1	120-55.1	3.0	2.0	16	80	1.1	0.15	0.6	0.7 B	LONDAK	



## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
OCT	1	22	31	34.0	37- 0.6	121-42.3	11.8	1.0	10	89	3.6	0.10	0.9	2.2	B		MT MADONNA
	2	1	46	54.3	37- 0.5	121-42.5	10.7	1.1	17	59	3.3	0.10	0.5	0.9	A		MT MADONNA
	2	4	38	11.6	36-57.8	121-38.4	5.3	0.9	7	78	4.0	0.01	0.1	0.1	A		WATSONVILLE EAST
	2	7	23	57.5	36-32.0	121- 7.3	6.2	1.3	9	79	4.9	0.07	0.5	1.4	A		SAN BENITO
	2	7	25	53.1	37-17.2	121-38.3	6.0	1.3	14	77	4.5	0.12	0.5	1.9	A		LICK OBSERVATORY
	2	10	32	34.0	36-57.0	121-35.3	6.9	0.9	11	59	1.0	0.02	0.1	0.3	A		CHITTENDEN
	2	13	25	19.4	36-53.0	121- 3.2	5.6	1.6	14	114	14.5	0.12	0.6	0.9	B		LOS RANOS VALLEY
	2	21	56	40.7	36-36.9	121-16.2	7.3	1.7	17	59	3.5	0.08	0.3	0.7	A		MT JOHNSON
	2	23	20	47.6	36-48.8	121-19.1	9.3	1.8	26	69	7.9	0.13	0.4	1.2	A		TRES PINOS
	3	2	34	59.5	37-23.4	121-36.8	7.1	1.5	13	127	8.4	0.18	1.0	4.1	B		EYLAR MTN
	3	6	46	7.9	36-39.8	121-18.7	3.1	1.7	17	84	3.6	0.14	0.6	0.5	A		PAICINES
	3	11	48	47.0	37-17.8	122- 6.3	5.8	1.3	12	78	4.3	0.10	0.4	1.5	A		CUPERTINO
	3	12	4	18.2	36-44.0	121-23.6	7.1	1.2	9	87	5.2	0.14	1.0	1.8	A		MT HARLAN
	3	13	33	48.9	36-50.6	121-34.4	0.6	1.6	11	57	6.4	0.21	0.9	1.0	B		SAN JUAN BAUTISTA
	3	16	32	3.7	36-53.4	121-24.7	5.4	1.4	13	63	3.9	0.09	0.4	1.5	A		SAN FELIPE
	3	22	27	38.4	36-58.3	121-37.9	7.4	1.2	11	64	4.6	0.06	0.3	0.8	A		WATSONVILLE EAST
	4	0	34	3.6	36-21.8	120-17.8	7.6	3.2	28	188	7.8	0.19	1.3	0.8	C		DOMENGINE RANCH
	4	5	9	30.5	37-15.9	121-37.0	5.7	0.9	11	91	5.1	0.09	0.5	0.7	B		ISABEL VALLEY
	4	8	6	9.5	37-19.7	122-22.2	6.4	1.5	15	172	3.1	0.09	0.5	0.8	B		LA HONDA
	4	8	14	25.2	36-34.6	121-15.3	6.8	0.7	8	97	6.0	0.04	0.3	0.7	B		MT JOHNSON
	4	9	55	36.6	38-22.5	122-36.1	5.6	1.0	6	94	7.0	0.06	0.5	2.3	B		GLEN ELLEN
	4	10	36	8.4	36-59.0	121-39.4	5.5	1.8	34	41	4.8	0.15	0.4	0.5	B		WATSONVILLE EAST
	4	21	42	47.1	36-40.6	121-19.1	2.5	1.3	10	88	4.2	0.11	0.8	0.8	C		PAICINES
	4	13	36	37.8	35-59.2	120-34.4	2.3	1.4	8	144	10.0	0.11	1.1	0.8	C		STOCKDALE MTN
	5	5	57	55.4	36-34.4	121-12.3	6.3	1.8	18	66	1.5	0.06	0.2	0.5	A		BICKMORE CANYON
	5	6	56	31.1	36-49.2	121-32.8	5.1	1.3	14	83	3.4	0.12	0.5	1.1	A		SAN JUAN BAUTISTA
	5	10	2	32.1	37- 4.6	121-29.9	8.0	0.6	7	114	5.0	0.02	0.2	0.5	B		GILROY HOT SPRINGS
	5	10	35	34.1	36-59.0	121-39.3	5.6	2.4	37	41	4.9	0.15	0.3	0.5	A		WATSONVILLE EAST
	5	12	26	7.2	36-58.9	121-39.3	6.0	0.7	6	84	4.7	0.03	0.6	1.7	A		WATSONVILLE EAST
	5	13	17	51.2	36-59.1	121-39.1	5.1	1.6	24	41	5.1	0.16	0.5	0.7	B		WATSONVILLE EAST
	5	14	12	22.7	37-18.1	121-39.5	4.6	1.6	27	66	5.0	0.12	0.4	0.2	B		LICK OBSERVATORY
	5	15	2	50.8	36-55.7	121-23.7	5.7	0.6	7	169	6.1	0.04	0.4	1.0	B		SAN FELIPE
	5	17	11	14.1	36-55.8	121-23.4	7.1	1.2	12	89	6.1	0.07	0.4	1.0	A		SAN FELIPE
	5	18	38	32.0	36-28.9	121- 6.0	4.6	2.4	21	77	3.9	0.15	0.5	0.7	A		TOPO VALLEY
	5	22	43	30.0	36-57.8	121-37.4	6.1	1.7	18	61	4.9	0.14	0.6	0.9	A		CHITTENDEN
	6	4	13	17.6	36-49.9	121-34.0	6.0	2.1	30	74	3.9	0.15	0.4	0.5	A		SAN JUAN BAUTISTA
	6	6	26	56.0	36-34.1	121-15.0	8.7	0.8	8	108	5.5	0.05	0.4	0.8	B		BICKMORE CANYON
	6	6	57	15.2	36-59.5	121-39.0	2.2	1.1	14	72	6.5	0.11	0.4	0.4	B		WATSONVILLE EAST
	6	7	29	0.3	36-44.4	121-27.2	4.8	1.2	16	54	3.7	0.17	0.7	0.9	B		MT HARLAN
	6	9	39	4.0	37-45.3	122- 8.3	4.1	1.8	27	33	4.4	0.12	0.3	0.3	A		OAKLAND EAST
	6	22	36	38.4	36-57.8	121-37.6	3.8	1.0	7	121	3.9	0.06	0.6	0.9	B		WATSONVILLE EAST
	6	23	50	52.3	35-53.8	121-24.3	7.9	1.5	17	57	9.5	0.08	0.3	1.0	B		SAN FELIPE
	7	1	30	57.5	36-57.0	121-35.7	4.5	1.8	18	45	1.3	0.10	0.4	0.5	A		CHITTENDEN
	7	1	31	55.1	36-56.7	121-35.6	3.6	0.9	7	98	1.7	0.05	0.5	0.3	B		CHITTENDEN
	7	4	0	42.2	36-34.1	121-12.5	8.0	1.3	11	76	1.9	0.03	0.2	0.3	A		BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	CAP	DMIN	RMS	FRH	ERZ	Q	QUADRANGLE
OCT	7	12	4	8.8	36-34.6	121-13.4	8.5	2.0	16	69	3.0	0.04	0.1	0.3	A BICKMORE CANYON
	7	12	22	30.2	36-13.0	120-49.9	9.6	2.3	18	97	3.3	0.17	0.7	1.0	B MONARCH PEAK
	7	12	46	31.6	36-31.3	121- 7.1	12.5	0.8	7	93	8.7	0.07	0.6	2.0	B SAN BENITO
	7	15	22	33.9	36-28.8	121- 6.1	5.2	1.9	17	76	9.7	0.12	0.4	0.6	B TOPO VALLEY
	7	16	0	37.4	38-30.8	122-24.7	13.2	1.7	10	98	16.4	0.12	0.9	1.2	B ST HELENA
	7	16	33	53.8	37-10.0	121-33.6	4.9	2.5	45	61	5.7	0.14	0.3	0.4	B MT SIZER
	8	1	46	30.6	36-40.1	121-18.7	9.3	1.4	12	75	3.5	0.07	0.3	0.7	A PAICINES
	8	1	47	57.2	36-35.6	121-14.1	5.8	2.2	23	65	8.8	0.11	0.3	0.5	B RICKMORE CANYON
	8	2	9	55.9	36-37.5	121-15.8	4.5	1.9	17	55	4.6	0.12	0.4	0.5	A PAICINES
	8	14	52	16.4	36-41.0	121-25.8	6.0	1.0	9	81	8.3	0.13	0.9	2.5	B MT HARLAN
	8	14	56	44.2	37- 9.9	121-32.9	4.1	1.3	21	105	6.7	0.13	0.5	0.5	B MT SIZER
	8	16	14	55.5	36-35.9	121- 5.8	12.8	1.8	18	50	6.4	0.09	0.4	0.5	A SAN BENITO
	8	16	21	22.4	36-35.9	121- 5.8	12.3	1.6	13	57	6.4	0.09	0.5	0.6	A SAN BENITO
	8	16	36	47.1	36-35.8	121- 5.4	13.0	1.2	9	79	5.9	0.11	0.8	1.5	A SAN BENITO
	9	4	3	8.7	36-27.4	121- 4.6	6.5	1.4	12	77	6.3	0.06	0.3	0.9	A TOPO VALLEY
	9	4	20	20.5	36-27.3	121- 4.5	6.4	1.1	8	108	6.2	0.07	0.5	1.5	B TOPO VALLEY
	9	6	30	38.6	38-25.3	122-39.3	7.2	0.8	7	88	4.6	0.04	0.3	0.6	A SANTA ROSA
	9	20	18	6.5	36-47.1	121-16.9	9.2	1.2	12	56	8.2	0.07	0.3	0.8	A TRES PINOS
	10	1	0	12.3	36-27.3	121- 4.4	7.6	1.2	10	81	6.0	0.08	0.5	1.3	A TOPO VALLEY
	10	3	54	12.7	36-36.8	121-15.4	5.7	2.0	23	47	6.1	0.10	0.3	0.8	B MT JOHNSON
	10	6	1	4.5	36-35.6	121-14.3	8.0	0.7	7	75	4.9	0.02	0.2	0.4	A BICKMORE CANYON
	10	6	39	59.0	36-57.9	121-38.6	4.4	1.7	21	46	4.1	0.08	0.3	0.4	A WATSONVILLE EAST
	10	8	28	42.0	36-26.3	121- 3.5	7.6	0.7	7	122	3.9	0.09	0.8	1.8	B TOPO VALLEY
	10	12	51	21.3	35-41.6	121- 6.0	10.8	2.1	9	259	43.8	0.11	2.5	0.9	C PERBLESTONE SHUT-IN
	10	13	9	50.8	37- 5.4	121-28.8	7.0	0.7	7	136	2.9	0.03	0.3	0.5	B GILROY HOT SPRINGS
	10	13	23	45.9	37-20.8	121-44.6	2.5	1.2	13	70	1.9	0.15	0.7	0.4	A LICK OBSERVATORY
	10	13	32	19.8	36-35.3	121-14.2	9.2	0.9	9	77	4.4	0.04	0.3	0.5	A BICKMORE CANYON
	10	13	42	54.0	37- 5.6	121-28.8	6.6	0.8	9	143	3.0	0.05	0.4	0.6	B GILROY HOT SPRINGS
	10	14	57	10.1	37-28.8	121-49.2	4.1	0.8	10	89	3.7	0.14	0.8	0.4	A CALAVERAS RESERVOIR
	10	19	10	7.2	37-10.4	121-38.8	6.2	1.2	12	88	2.4	0.08	0.4	0.7	A MORGAN HILL
	10	22	12	44.3	36-36.6	121-14.9	7.9	0.6	6	166	6.5	0.04	0.6	1.1	B BICKMORE CANYON
	10	23	9	12.3	36-58.5	121-38.9	6.2	0.7	6	85	4.8	0.04	0.8	1.8	A WATSONVILLE EAST
	11	8	3	3.0	37- 0.9	121-27.7	5.0	0.6	7	77	2.3	0.04	0.4	0.7	A GILROY HOT SPRINGS
	12	5	24	52.0	38-39.7	122-46.8	3.4	1.1	7	178	5.9	0.15	5.6	22	D JIMTOWN
	12	13	24	35.4	35-41.4	121- 6.1	10.7	2.4	10	259	44.1	0.07	1.5	0.6	C PERBLESTONE SHUT-IN
	12	21	28	18.8	36-34.5	121-12.8	5.0	2.3	23	70	2.2	0.10	0.3	0.4	A BICKMORE CANYON
	12	22	15	48.8	36-58.8	121-39.4	5.4	0.8	7	77	4.5	0.05	0.8	2.4	A WATSONVILLE EAST
	12	22	28	15.9	36-58.7	121-39.1	2.6	0.9	8	79	4.8	0.13	1.0	1.1	A WATSONVILLE EAST
	13	0	51	20.4	36-55.9	121-25.5	5.2	1.0	9	80	6.1	0.10	0.6	2.4	B SAN FELIPE
	13	2	40	49.8	36-56.0	121-25.3	5.9	1.1	13	76	5.9	0.08	0.4	1.2	B SAN FELIPE
	13	6	54	30.8	37-32.6	121-50.5	4.7	1.1	12	71	3.5	0.12	0.6	0.6	A LA COSTA VALLEY
	13	10	18	36.0	37-14.2	121-32.5	3.4	1.2	16	129	11.0	0.15	0.6	0.5	B MT SIZER
	13	13	40	25.1	37-33.4	121-41.0	6.2	1.2	9	105	5.9	0.05	0.3	0.3	B MENDENHALL SPRINGS
	13	14	38	58.9	36-34.5	121-12.2	3.9	1.3	10	74	1.3	0.05	0.3	0.3	A BICKMORE CANYON
	13	18	36	28.9	37- 8.1	121-48.3	5.7	1.1	12	68	4.6	0.10	0.6	0.5	A SANTA TERESA HILLS

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
OCT	13	23	31	14.9	36-53.7	121-33.2		5.3	1.0	9	102	3.6	0.10	0.6	1.2	B	CHITTENDEN
	14	2	50	25.5	37-37.0	121-45.2		1.8	1.5	14	104	10.5	0.15	0.6	0.5	C	LA COSTA VALLEY
	14	10	39	14.3	36-57.1	121-35.5		5.4	2.1	31	33	1.1	0.06	0.1	0.2	A	CHITTENDEN
	14	12	29	9.2	37-25.6	121-49.3		2.7	1.0	10	90	3.3	0.06	0.3	0.2	A	CALAVERAS RESERVOIR
	14	16	10	1.0	37-3.6	121-43.1		5.3	1.1	16	45	6.3	0.08	0.3	0.3	B	MT MADONNA
	14	23	54	17.8	36-53.8	120-59.3		4.4	2.8	31	158	15.8	0.16	0.6	0.4	C	ORTIGALITA PEAK NW
	15	0	11	57.9	36-42.2	121-25.0		7.2	1.4	11	76	6.6	0.12	0.8	1.6	A	MT HARLAN
	15	0	39	4.8	36-40.0	121-19.7		5.0	2.2	22	63	4.9	0.11	0.3	0.4	A	PAICINES
	15	2	17	21.1	38-30.2	122-41.3		4.3	1.1	10	76	6.2	0.12	0.7	3.4	B	MARK WEST SPRINGS
	15	3	6	41.7	36-31.2	121-8.8		6.3	1.8	16	57	7.2	0.12	0.5	1.4	B	BICKMORE CANYON
	15	9	36	50.4	36-53.3	121-24.6		6.5	1.1	16	62	3.5	0.09	0.4	0.9	A	SAN FELIPE
	15	22	27	54.8	36-27.9	121-4.4		5.7	0.9	7	115	6.6	0.07	0.2	0.8	B	TOPO VALLEY
	16	0	35	42.9	36-45.0	121-26.8		4.7	2.1	24	64	3.9	0.16	0.5	0.7	B	HOLLISTER
	16	1	59	5.0	36-44.8	121-26.8		4.9	1.3	18	65	4.0	0.19	0.7	0.8	B	MT HARLAN
	16	6	59	47.4	36-27.6	121-4.8		8.6	1.4	13	64	6.9	0.07	0.3	0.6	A	TOPO VALLEY
	16	13	37	6.5	36-53.5	120-59.7		8.1	1.6	13	138	16.0	0.14	0.7	4.2	C	ORTIGALITA PEAK NW
	16	17	3	41.1	36-19.3	120-54.6		2.3	1.4	9	83	1.8	0.10	0.7	0.7	A	LONOAK
	16	17	25	29.8	37-32.8	121-50.1		4.0	0.7	6	122	4.3	0.18	1.8	1.2	B	LA COSTA VALLEY
	17	0	7	43.7	36-35.6	121-12.9		1.6	1.2	6	145	3.0	0.02	0.3	0.2	B	BICKMORE CANYON
	17	2	10	6.3	37-32.3	121-50.3		4.6	1.3	11	70	3.5	0.15	0.8	0.8	B	LA COSTA VALLEY
	17	6	20	16.6	36-36.6	121-10.7		4.6	1.6	12	65	3.9	0.17	0.8	1.1	B	BICKMORE CANYON
	17	9	27	12.7	36-44.3	121-23.0		6.7	1.4	12	67	4.8	0.09	0.5	0.9	A	MT HARLAN
	17	14	2	54.5	37-42.9	122-6.5		3.9	1.5	22	60	4.7	0.15	0.5	0.3	A	HAYWARD
	17	16	33	24.4	36-27.0	120-54.0		17.2	1.2	7	117	10.9	0.15	1.9	4.1	B	ROCK SPRING PEAK
	17	18	11	20.4	36-45.1	121-17.9		7.0	1.1	9	86	6.2	0.10	0.7	1.8	A	TRES PINOS
	17	21	6	6.6	37-9.9	121-37.9		8.2	0.8	6	120	0.8	0.02	0.4	0.4	B	MORGAN HILL
	18	2	13	19.0	37-54.7	121-58.1		6.2	1.4	16	71	5.6	0.16	0.6	0.5	B	CLAYTON
	18	2	56	39.5	36-34.8	121-12.4		4.1	0.8	7	87	1.7	0.06	0.6	0.7	A	BICKMORE CANYON
	18	9	59	13.0	36-40.3	121-19.5		3.8	1.0	11	70	4.4	0.10	0.5	0.5	A	PAICINES
	18	10	8	6.8	36-18.3	120-53.8		7.5	2.0	14	94	3.1	0.14	0.6	1.1	B	LONOAK
	18	12	57	56.4	37-2.5	121-13.5		3.4	0.7	10	84	3.7	0.07	0.4	0.5	A	PACHECO PASS
	18	13	17	12.0	37-14.2	121-38.5		8.4	1.3	14	86	3.6	0.14	0.7	1.3	A	MORGAN HILL
	18	20	52	42.8	36-34.4	121-12.3		5.7	1.2	12	66	1.5	0.06	0.3	0.5	A	BICKMORE CANYON
	18	22	0	35.7	36-36.2	121-14.8		5.6	2.3	33	51	3.6	0.12	0.3	0.4	A	BICKMORE CANYON
	19	1	1	55.2	36-35.5	121-14.1		5.4	1.3	10	70	4.6	0.07	0.4	0.8	A	BICKMORE CANYON
	19	5	28	41.5	36-38.8	121-14.5		9.2	0.9	10	64	1.2	0.11	0.8	1.0	A	CHERRY PEAK
	19	19	15	11.7	36-23.2	120-58.4		2.2	1.5	7	75	5.8	0.04	0.3	0.3	B	ROCK SPRING PEAK
	19	19	27	48.0	36-56.7	121-40.4		6.0	1.8	30	74	2.0	0.12	0.3	0.4	A	WATSONVILLE EAST
	20	0	16	12.4	37-32.7	121-50.3		4.6	1.2	10	72	3.8	0.16	0.8	0.8	B	LA COSTA VALLEY
	20	1	55	49.7	36-17.9	120-54.1		5.1	1.3	8	92	3.1	0.16	1.1	1.9	B	LONOAK
	20	2	5	45.6	36-52.3	121-28.9		9.7	1.0	16	79	6.9	0.08	0.4	1.2	A	HOLLISTER
	20	2	29	40.3	36-37.9	121-16.7		4.1	2.1	29	45	3.4	0.12	0.3	0.3	A	PAICINES
	20	3	33	33.8	37-41.4	121-47.2		12.3	1.7	20	125	6.2	0.08	0.3	0.3	B	LIVERMORE
	20	3	44	12.0	37-41.8	121-46.6		13.6	1.0	11	143	6.4	0.11	0.9	0.8	B	LIVERMORE
	20	3	44	44.7	37-41.5	121-47.5		10.8	1.9	26	123	5.7	0.16	0.5	0.7	B	LIVERMORE

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
OCT	20	5	6	29.7	37-41.6	121-47.0	12.0	1.9	25	127	6.1	0.14	0.5	0.5	0.5	B	LIVERMORE
	20	5	41	58.7	36-37.9	121-16.6	5.0	0.7	7	99	3.4	0.13	1.2	1.9	0.5	B	PAICINES
	20	5	44	28.3	36-23.5	120-34.1	12.2	2.3	16	134	18.3	0.14	0.6	0.6	0.5	B	CIERVO MTN
	20	7	48	31.6	36-29.5	121-48.6	10.5	1.7	23	189	15.4	0.10	0.6	0.5	0.5	C	MT CARMEL
	21	4	50	49.7	36-55.3	121-35.0	5.7	0.9	13	69	3.9	0.05	0.2	0.5	0.5	A	CHITTENDEN
	21	6	7	10.4	36-58.0	121-38.5	4.6	2.1	33	41	4.3	0.11	0.3	0.3	0.3	A	WATSONVILLE EAST
	21	8	50	29.3	37-18.9	121-33.2	11.4	0.9	11	116	4.2	0.13	1.0	1.8	0.5	B	ISABEL VALLEY
	21	15	28	49.5	37-20.7	121-46.4	6.6	1.5	14	66	2.3	0.06	0.3	0.5	0.5	A	SAN JOSE EAST
	21	23	57	24.2	38-50.1	122-50.2	2.4	2.0	8	304	15.5	0.16	3.2	2.2	0.5	D	THE GEYSERS
	22	2	0	6.8	38-46.9	122-50.2	2.9	1.2	6	155	10.6	0.03	0.6	0.3	0.3	B	THE GEYSERS
	22	6	46	1.6	36-48.4	121-32.0	6.2	1.5	17	81	3.7	0.20	0.9	1.0	0.5	B	SAN JUAN BAUTISTA
	22	8	36	3.0	36-13.5	120-40.8	12.8	2.1	12	187	10.4	0.20	1.7	1.1	1.1	C	PRIEST VALLEY
	22	14	55	28.2	36-36.7	121-15.0	5.0	2.0	18	60	2.8	0.09	0.3	0.4	0.4	A	MT JOHNSON
	22	14	56	35.0	36-42.7	120-49.3	13.3	2.7	29	155	5.9	0.15	0.7	0.4	0.4	B	MERCY HOT SPRINGS
	22	22	38	26.0	38-46.4	122-51.9	1.4	2.0	7	167	10.9	0.12	4.8	1.7	1.7	C	THE GEYSERS
	22	23	16	57.6	37-9.1	121-49.3	5.1	1.1	12	75	2.4	0.11	0.6	0.5	0.5	A	SANTA TERESA HILLS
	23	1	59	47.8	36-45.5	120-54.8	5.3	1.7	14	95	12.5	0.19	1.0	1.5	1.5	C	ORTIGALITA PEAK
	23	7	26	33.5	36-31.6	121-9.2	8.9	1.6	14	68	6.2	0.08	0.3	0.8	0.8	A	BICKMORE CANYON
	23	10	53	28.9	36-30.4	120-41.9	6.2	1.9	13	140	18.3	0.22	1.6	1.2	1.2	C	TUNEY HILLS
	23	14	24	58.9	36-32.8	121-6.0	12.4	1.8	19	63	8.3	0.15	0.5	1.1	1.1	A	SAN BENITO
	23	17	22	11.9	36-32.1	121-5.5	7.3	0.6	7	108	8.6	0.06	0.6	2.1	2.1	B	SAN BENITO
	23	22	59	51.7	36-42.9	120-50.4	11.0	1.5	10	138	7.2	0.21	1.7	3.5	3.5	C	MERCY HOT SPRINGS
	23	23	37	9.3	36-58.0	121-38.6	3.9	1.7	17	63	4.3	0.09	0.3	0.3	0.3	A	WATSONVILLE EAST
	24	1	29	1.4	36-19.4	120-54.2	5.4	1.1	7	94	2.5	0.15	1.5	2.1	2.1	B	LONOAK
	24	2	30	52.2	36-33.6	121-10.6	10.4	0.7	7	128	2.1	0.01	0.1	0.3	0.3	B	BICKMORE CANYON
	24	2	34	17.3	36-33.7	121-10.7	9.7	1.2	11	64	1.8	0.05	0.3	0.5	0.5	A	BICKMORE CANYON
	24	3	27	46.6	36-31.1	121-7.5	3.6	1.3	10	87	4.5	0.16	0.8	1.2	1.2	B	SAN BENITO
	24	3	38	1.5	36-33.7	121-10.6	10.2	0.7	6	126	1.9	0.02	0.3	0.5	0.5	B	BICKMORE CANYON
	24	12	27	7.9	37-29.8	121-48.5	4.4	1.4	16	70	5.0	0.14	0.6	0.6	0.6	B	CALAVERAS RESERVOIR
	24	15	36	13.8	36-30.0	121-6.9	0.4	1.7	12	52	3.7	0.12	0.6	0.8	0.8	A	TOPO VALLEY
	24	18	18	24.2	36-36.6	121-14.9	4.8	1.9	19	60	2.9	0.07	0.3	0.3	0.3	A	BICKMORE CANYON
	24	19	54	48.5	37-56.8	121-56.2	3.0	1.3	6	241	4.7	0.01	0.2	0.1	0.1	C	CLAYTON
	24	21	3	20.2	36-58.0	121-38.5	3.4	1.0	10	80	4.2	0.10	0.5	0.7	0.7	A	WATSONVILLE EAST
	24	23	10	7.9	38-47.2	122-54.3	9.5	2.2	10	301	15.6	0.19	6.4	2.2	2.2	D	ASTI
	25	1	6	14.1	37-13.4	121-44.4	9.8	1.2	10	64	7.1	0.05	0.3	0.7	0.7	A	MORGAN HILL
	25	5	50	56.6	36-37.3	121-16.0	5.3	1.1	11	70	2.7	0.12	0.6	1.1	1.1	A	MT JOHNSON
	25	5	51	56.1	36-33.6	121-15.4	8.4	0.8	13	84	6.2	0.03	0.2	0.4	0.4	A	MT JOHNSON
	25	7	32	39.0	36-36.4	121-14.7	5.1	0.6	10	61	3.1	0.08	0.4	1.0	1.0	A	RICKMORE CANYON
	25	12	13	46.7	36-22.4	120-58.3	3.4	1.9	16	71	7.1	0.11	0.5	0.5	0.5	B	LONOAK
	25	18	11	49.5	37-18.0	121-39.6	5.1	0.8	7	104	4.8	0.14	0.9	0.7	0.7	B	LICK OBSERVATORY
	25	19	28	26.3	37-7.6	121-31.2	8.7	1.3	20	105	7.3	0.11	0.4	1.2	1.2	B	MT SIZER
	25	23	6	53.7	36-41.6	121-12.6	11.4	2.3	21	96	4.6	0.08	0.3	0.4	0.4	B	CHERRY PEAK
	26	0	53	40.9	38-19.7	122-34.4	8.5	1.7	8	72	7.7	0.10	0.7	1.8	1.8	A	GLEN ELLFN
	26	1	1	13.8	36-55.2	121-35.1	6.7	0.5	7	96	3.9	0.04	0.4	0.8	0.8	B	CHITTENDEN
	26	9	58	7.9	36-36.5	121-14.9	5.9	2.0	24	49	5.9	0.11	0.3	0.8	0.8	A	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MM	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
OCT	26	11	13	50.6	36-36.4	121-14.8		5.8	2.2	28	49	5.9	0.12	0.3	0.8	B	BICKMORE CANYON
	26	14	55	57.3	35-14.2	120-50.2		4.5	2.1	12	116	4.4	0.18	0.9	2.5	B	MONARCH PEAK
	26	17	18	57.9	37-23.7	121-44.1		6.9	2.0	30	84	4.3	0.13	0.4	1.0	A	MT DAY
	26	18	47	46.9	36-36.6	121-14.9		5.0	1.9	24	48	2.8	0.10	0.3	0.4	A	BICKMORE CANYON
	26	20	3	23.4	36-36.2	121-11.3		7.9	1.4	15	58	3.1	0.10	0.5	0.7	A	BICKMORE CANYON
	26	22	21	46.7	36-36.2	121-11.1		8.5	1.2	11	55	3.1	0.08	0.4	0.9	A	BICKMORE CANYON
	26	22	52	19.0	36-36.2	121-11.2		9.4	0.8	10	57	3.1	0.08	0.5	1.1	A	BICKMORE CANYON
	27	7	16	9.2	37-8.6	121-32.7		7.1	0.5	8	111	7.3	0.04	0.3	0.7	B	MT SIZER
	27	11	58	0.2	36-10.8	120-46.5		4.3	1.4	9	124	4.3	0.13	0.9	1.9	B	MONARCH PEAK
	27	21	3	57.3	36-58.8	121-39.3		5.3	1.0	10	67	4.7	0.08	0.8	2.1	B	WATSONVILLE EAST
	27	21	54	20.4	36-58.7	121-38.8		3.1	0.8	8	81	5.2	0.07	0.7	0.5	B	WATSONVILLE EAST
	28	3	16	13.9	37-13.1	121-44.1		11.0	0.7	6	100	7.0	0.05	0.5	1.8	B	MORGAN HILL
	28	5	11	20.9	37-32.2	121-53.9		6.5	0.6	7	120	3.1	0.15	1.4	1.9	B	NILES
	28	5	11	50.8	37-32.0	121-53.7		6.6	0.5	7	121	2.6	0.17	2.1	2.0	B	NILES
	28	5	50	20.8	37-10.1	121-33.0		5.2	2.7	52	63	6.6	0.17	0.4	0.5	B	MT SIZER
	28	6	1	23.1	37-10.0	121-33.2		5.7	2.8	55	60	6.3	0.18	0.4	0.5	B	MT SIZER
	28	6	4	13.4	36-53.5	121-24.9		8.0	1.9	32	54	3.9	0.12	0.3	0.8	A	SAN FELIPE
	28	7	46	53.7	37-9.8	121-32.6		7.6	1.7	37	107	7.2	0.13	0.3	1.1	B	MT SIZER
	28	10	53	44.2	36-33.7	121-12.1		7.8	0.7	7	155	1.9	0.06	0.5	1.0	B	BICKMORE CANYON
	28	12	22	58.9	37-10.1	121-32.3		6.7	0.9	13	119	7.7	0.09	0.5	1.2	B	MT SIZER
	28	13	4	5.9	37-9.9	121-32.3		6.6	0.9	15	118	7.6	0.08	0.4	1.1	B	MT SIZER
	29	2	20	4.4	37-25.9	121-32.2		5.3	1.5	14	161	9.2	0.22	1.2	0.8	C	EYLAR MTN
	29	5	6	5.0	35-46.0	121-16.8		7.9	2.3	13	211	14.9	0.11	1.1	0.8	C	BURRO MTN
	29	5	9	47.2	36-40.2	121-18.0		3.1	1.5	10	70	2.5	0.08	0.5	0.4	A	PAICINES
	29	5	35	23.5	36-16.9	120-53.1		0.7	1.4	11	102	5.3	0.17	0.9	1.1	B	LONOK
	29	5	54	13.2	36-50.6	121-22.0		6.6	0.8	9	75	3.8	0.07	0.5	0.8	A	TRES PINOS
	29	6	0	31.7	36-36.0	121-15.9		11.5	0.9	8	69	4.5	0.05	0.5	0.9	A	MT JOHNSON
	29	6	0	58.8	36-36.3	121-15.5		11.0	0.7	7	93	5.0	0.04	0.4	0.8	B	MT JOHNSON
	29	10	33	43.2	37-0.3	121-42.2		8.7	0.8	10	68	3.2	0.07	0.5	1.1	A	MT MADONNA
	29	13	27	0.2	36-36.6	121-15.1		6.0	2.3	30	41	5.6	0.13	0.3	0.6	A	MT JOHNSON
	29	14	19	33.5	36-36.8	121-15.0		4.6	1.3	15	59	5.7	0.09	0.4	1.0	B	BICKMORE CANYON
	29	20	39	6.1	37-36.7	121-46.2		4.6	1.2	11	107	12.0	0.11	0.7	0.6	B	LA COSTA VALLEY
	30	1	18	31.6	36-58.0	121-38.0		2.5	0.9	9	81	4.6	0.09	0.5	0.5	A	WATSONVILLE EAST
	30	3	26	38.7	36-37.2	121-7.8		15.7	1.0	8	75	5.5	0.04	0.5	0.9	A	BICKMORE CANYON
	30	5	11	14.7	37-37.0	122-28.7		9.0	1.4	9	228	2.3	0.07	1.4	1.2	C	MONTARA MTN
	30	8	14	7.9	36-57.3	121-37.6		3.9	0.5	7	76	3.8	0.04	0.3	0.4	A	WATSONVILLE EAST
	30	9	36	33.8	35-46.2	121-16.2		7.4	1.7	13	186	14.4	0.06	0.5	3.1	C	BURRO MTN
	30	10	5	27.6	36-18.5	120-54.1		2.9	1.8	11	91	2.5	0.10	0.5	1.4	B	LONOK
	30	11	2	45.3	36-48.5	121-31.5		4.7	1.7	23	39	4.6	0.16	0.5	0.7	B	SAN JUAN BAUTISTA
	30	17	3	58.3	36-51.8	121-19.2		9.8	1.1	15	84	2.5	0.08	0.4	0.7	A	TRES PINOS
	30	18	24	1.1	37-39.5	121-27.9		8.2	2.2	22	91	16.7	0.26	1.1	1.8	C	TRACY
	31	4	35	59.8	36-38.8	121-17.2		4.0	1.4	15	54	2.5	0.10	0.4	0.4	A	PAICINES
	31	8	43	19.7	36-58.2	121-37.3		7.5	0.9	12	64	3.6	0.03	0.1	0.3	A	CHITTENDEN
	31	8	58	46.7	36-46.3	121-29.7		7.0	1.0	14	63	1.9	0.10	0.4	0.8	A	HOLLISTER
	31	10	25	12.5	37-6.6	121-30.9		0.4	1.3	17	107	6.2	0.16	0.6	0.7	B	GILROY

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO GAP	DMIN	RMS	FRH	ERZ	Q	QUADRANGLE	
OCT	31	14	54	9.3	37- 9.1	121-33.9	5.7	1.6	21	89	5.3	0.07	0.2	0.4 A	MT SIZER
	31	17	23	3.7	36-43.6	121-25.0	4.9	1.5	18	60	6.8	0.16	0.6	1.7 B	MT HARLAN
	31	19	56	29.0	36-43.4	121-19.8	10.9	0.9	9	100	2.0	0.11	0.8	1.5 B	PAICINES
	31	20	48	35.0	36-59.4	121-43.2	6.3	1.4	12	67	1.0	0.06	0.3	0.5 A	WATSONVILLE EAST
	31	22	12	36.7	36-57.2	121-35.7	5.7	1.6	28	40	1.1	0.07	0.2	0.2 A	CHITTENDEN
NOV	1	0	42	19.0	37-30.0	121-48.5	1.6	1.2	10	96	5.5	0.16	0.9	0.7 B	LA COSTA VALLEY
	1	5	47	8.1	37-19.0	121-40.5	5.9	1.0	10	78	4.0	0.19	1.0	2.5 B	LICK OBSERVATORY
	1	13	36	55.7	37-10.7	121-41.1	9.8	0.9	11	75	5.6	0.07	0.4	0.7 A	MORGAN HILL
	1	13	49	59.1	37- 7.0	121-32.1	7.1	0.9	8	164	8.1	0.02	0.2	0.5 B	GILROY
	2	4	24	5.4	37-10.5	121-40.8	9.7	0.7	8	78	5.2	0.13	1.1	1.7 B	MORGAN HILL
	2	5	49	27.8	36-47.5	121-29.1	2.0	1.4	12	83	4.2	0.17	0.9	0.9 B	HOLLISTER
	2	6	38	1.6	36-39.9	121-18.5	1.1	1.2	12	65	3.1	0.05	0.3	0.3 A	PAICINES
	2	10	27	6.7	36-42.7	121-13.4	5.6	1.0	10	112	6.7	0.09	0.6	1.7 B	CHERRY PEAK
	2	12	57	42.8	37- 3.7	121-29.2	3.4	0.6	6	115	4.0	0.01	0.0	0.1 B	GILROY HOT SPRINGS
	2	16	13	39.3	36-50.3	121-24.5	10.2	2.0	39	34	2.1	0.11	0.3	0.5 A	HOLLISTER
	2	16	39	41.4	37-11.3	121-42.5	8.8	1.5	20	81	8.0	0.09	0.3	0.7 A	MORGAN HILL
	3	1	4	22.7	37-29.8	121-48.4	1.9	1.0	8	113	5.1	0.13	1.0	0.7 B	CALAVERAS RESERVOIR
	3	1	50	49.0	36-51.8	121-34.9	4.6	0.5	7	120	2.6	0.11	1.3	0.9 B	SAN JUAN BAUTISTA
	3	1	51	4.5	36-51.7	121-34.1	4.2	0.7	9	127	3.2	0.13	1.1	0.9 B	SAN JUAN BAUTISTA
	3	2	40	11.1	36-26.9	121- 4.1	7.3	0.7	10	117	5.3	0.08	0.6	1.2 B	TOPO VALLEY
	3	3	9	46.6	35-33.5	121-11.7	8.3	0.6	7	122	2.0	0.01	0.1	0.2 B	BICKMORE CANYON
	3	4	4	48.2	36-13.1	120-48.5	2.3	1.1	7	111	1.2	0.07	0.7	1.1 B	MONARCH PEAK
	3	4	10	6.9	37-22.5	121-42.0	3.2	1.0	10	88	5.2	0.15	0.8	0.6 B	LICK OBSERVATORY
	3	6	38	55.7	35-17.9	120-53.8	2.1	1.2	7	111	3.5	0.18	1.0	0.9 B	LONOAK
	3	10	40	33.5	37-26.1	121-49.1	4.9	2.2	36	67	2.6	0.17	0.4	0.4 B	CALAVERAS RESERVOIR
	3	10	54	44.0	35-46.2	121- 6.1	12.2	1.7	10	125	10.7	0.07	0.6	0.5 B	BRYSON
	3	12	18	43.5	37-28.7	121-43.5	1.8	1.2	11	99	7.2	0.13	0.5	0.4 B	MT DAY
	3	12	19	55.4	36-10.1	120-46.3	6.9	1.6	10	106	5.5	0.13	0.8	1.4 B	MONARCH PEAK
	3	14	3	44.2	36-39.1	121-18.1	3.9	1.3	14	52	3.0	0.12	0.5	0.5 A	PAICINES
	3	17	22	58.1	36-38.8	121-17.8	4.4	2.5	34	34	3.0	0.16	0.4	0.4 B	PAICINES
	3	21	46	50.6	36-44.0	121-24.7	6.8	0.5	9	150	4.6	0.09	0.8	1.4 B	MT HARLAN
	4	5	52	5.5	36-10.3	120-47.4	7.3	2.4	22	64	4.8	0.22	0.8	1.5 B	MONARCH PEAK
	4	6	16	52.0	35-33.6	121-11.0	4.7	1.2	12	82	1.8	0.06	0.3	0.5 A	BICKMORE CANYON
	4	6	53	10.4	37-13.9	121-36.3	6.0	0.8	7	111	6.7	0.09	0.7	2.5 B	MT SIZER
	4	7	2	37.2	37-22.4	121-42.8	6.4	1.0	9	84	4.1	0.11	0.7	1.5 A	LICK OBSERVATORY
	4	9	57	24.0	36-54.5	121-35.1	4.5	0.9	13	91	2.7	0.10	0.5	0.5 B	CHITTENDEN
	4	10	47	47.8	36-29.7	121- 6.6	3.4	1.4	14	55	3.5	0.13	0.6	0.6 A	TOPO VALLEY
	4	11	53	9.0	36-48.2	121-32.8	6.5	2.3	42	51	2.5	0.18	0.4	0.5 B	SAN JUAN BAUTISTA
	4	17	31	22.6	36-34.7	121-15.1	4.0	1.0	14	74	5.6	0.08	0.3	0.4 B	MT JOHNSON
	4	19	47	43.9	36-33.9	121- 3.7	11.2	0.9	8	118	4.4	0.02	0.2	0.5 B	SAN RENITO
	5	5	48	42.9	36-14.4	120-13.4	4.4	2.8	17	202	17.5	0.15	1.3	0.7 C	GUIJARRAL HILLS
	5	8	6	14.1	36-36.6	121- 7.5	10.7	0.7	6	78	6.3	0.03	0.4	1.2 A	BICKMORE CANYON
	5	8	39	58.2	36-59.4	121-25.7	6.9	1.0	13	72	2.4	0.09	0.4	0.8 A	SAN FELIPE
	5	10	19	39.0	36-32.7	121- 9.5	8.3	0.9	9	93	4.4	0.06	0.5	0.9 B	BICKMORE CANYON
	5	12	2	31.8	37- 1.8	121-29.1	4.6	2.3	47	53	0.6	0.16	0.3	0.3 B	GILROY HOT SPRINGS

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	ERZ	Q	QUADRANGLE
NOV	5	20	51	51.3	36-32.1	121-10.0	9.4	1.3	16	72	4.9	0.07	0.3	0.3	0.6	A	RICKMORE CANYON
	6	0	46	20.1	36-17.3	120-53.6	0.9	1.2	9	98	4.4	0.15	0.8	1.0	9		LONOAK
	6	3	22	10.5	36-35.4	121-13.6	7.0	1.7	19	65	3.8	0.06	0.2	0.4	A		BICKMORE CANYON
	6	4	38	17.7	36-40.7	121-20.3	3.5	1.2	12	68	3.4	0.12	0.6	0.5	A		PAICINES
	6	5	26	14.0	37- 1.6	121-29.0	4.4	2.0	41	55	0.2	0.15	0.3	0.3	B		GILROY HOT SPRINGS
	6	6	9	45.3	37-28.5	121-54.5	3.3	0.7	6	147	6.1	0.08	0.7	0.5	9		MILPITAS
	6	6	31	16.5	36-31.8	121- 8.1	6.4	0.8	8	81	5.8	0.08	0.6	2.2	9		BICKMORE CANYON
	6	8	7	41.8	36-38.0	121-17.1	5.0	0.9	11	55	3.6	0.14	0.7	1.3	A		PAICINES
	6	8	35	23.0	36-20.3	120-55.8	2.4	1.3	9	85	2.5	0.10	0.6	0.7	A		LONOAK
	6	9	32	24.6	36-53.6	121-24.5	6.7	1.0	14	93	4.0	0.07	0.4	0.9	B		SAN FELIPE
	6	11	11	21.9	37-18.8	121-39.0	5.1	0.7	8	104	6.5	0.11	1.3	1.1	B		LICK OBSERVATORY
	6	11	16	34.7	37-18.8	121-38.9	4.9	0.7	8	104	6.5	0.11	0.7	0.5	B		LICK OBSERVATORY
	6	12	6	38.2	36-49.1	121-19.1	8.9	0.8	13	73	7.4	0.09	0.5	1.7	A		TRES PINOS
	6	12	26	14.2	37-21.4	122-12.1	10.9	1.2	15	58	0.3	0.10	0.5	0.6	A		MINDIGO HILL
	6	14	4	6.4	36-33.8	121-11.0	3.5	1.4	17	64	1.3	0.08	0.3	0.3	A		BICKMORE CANYON
	6	14	31	7.5	36-40.1	121-19.2	4.1	1.7	20	63	4.2	0.13	0.4	0.7	A		PAICINES
	6	14	34	16.0	36-39.8	121-19.2	5.4	2.3	28	59	4.3	0.14	0.4	0.6	A		PAICINES
	7	0	42	21.9	37-45.8	121-56.6	6.7	0.7	5	118	3.2	0.03	0.6	0.7	C		DIABLO
	7	0	43	6.6	37-45.9	121-56.4	6.8	0.5	5	126	3.0	0.01	0.2	0.2	C		DIABLO
	7	1	17	29.7	36-56.8	121-36.1	3.7	1.0	11	79	1.9	0.07	0.3	0.3	A		CHITTENDEN
	7	5	21	58.8	36-54.8	121-23.8	4.3	0.8	11	115	6.4	0.09	0.4	0.5	B		SAN FELIPE
	7	6	19	9.8	37-45.9	121-56.6	6.8	1.1	8	76	3.0	0.05	0.4	0.3	A		DIABLO
	7	6	38	57.7	37-45.7	121-56.7	6.9	1.2	9	71	3.3	0.04	0.3	0.2	A		DIABLO
	7	14	55	0.5	37-30.4	121-42.9	5.3	1.2	8	102	9.6	0.08	0.6	0.6	B		MENDENHALL SPRINGS
	7	15	17	32.1	36-38.9	121-17.7	4.5	1.5	18	37	2.8	0.09	0.3	0.5	A		PAICINES
	7	19	28	59.7	37-18.4	121-40.0	4.3	1.4	13	72	4.5	0.14	0.6	0.3	A		LICK OBSERVATORY
	7	20	46	0.3	36-39.8	121-19.0	3.8	1.3	15	59	4.0	0.16	0.7	0.7	B		PAICINES
	7	20	52	22.3	35-59.2	120-35.5	2.4	1.9	13	116	11.5	0.16	0.9	0.6	C		STOCKDALE MTN
	7	23	42	54.4	36-45.6	121-20.9	10.4	1.1	13	68	5.7	0.12	0.6	1.4	A		TRES PINOS
	7	23	56	30.2	36-30.2	120-42.8	5.8	1.6	10	143	17.2	0.24	1.7	18.4	C		TUNEY HILLS
	8	0	32	1.1	39-42.1	122-22.5	13.4	2.2	9	191	16.2	0.13	1.5	1.1	C		WALTERS SPRINGS
	8	1	12	3.0	37-30.1	121-48.1	1.4	1.4	12	96	5.6	0.13	0.6	0.5	B		LA COSTA VALLEY
	8	2	25	5.2	37-28.6	121-41.2	5.0	1.2	8	117	10.3	0.06	0.6	0.7	B		MT DAY
	8	3	23	28.4	36-34.3	121- 4.7	10.4	1.1	10	87	5.2	0.08	0.4	1.0	A		SAN BENITO
	8	3	25	15.3	36-33.8	121- 6.2	10.2	0.6	8	92	6.3	0.10	1.0	2.6	9		SAN BENITO
	8	3	50	35.3	36-25.7	121- 2.8	5.6	1.5	14	86	2.6	0.09	0.4	0.8	A		TOPO VALLEY
	8	4	14	55.4	36-35.3	121-13.7	6.8	2.5	35	28	3.8	0.16	0.4	0.8	B		BICKMORE CANYON
	8	4	49	44.2	37-23.1	121-43.4	8.6	1.2	19	85	4.1	0.10	0.4	0.8	A		MT DAY
	8	7	28	0.6	36-49.0	121-32.2	0.7	2.0	29	43	3.9	0.19	0.4	0.5	B		SAN JUAN BAUTISTA
	8	10	54	24.2	36-39.8	121-19.2	4.4	2.1	27	59	4.7	0.13	0.4	0.5	A		PAICINES
	8	12	28	28.9	37- 7.9	121-30.8	8.2	1.2	24	108	7.2	0.14	0.5	1.2	B		MT SIZER
	8	13	49	2.7	36-19.8	120-56.4	5.0	2.9	30	47	1.9	0.23	0.7	1.2	9		LONOAK
	8	19	57	34.1	37-28.7	121-43.2	3.7	1.0	9	101	7.6	0.15	0.9	0.8	9		MT DAY
	8	20	57	32.2	36-40.3	120-50.1	0.5	2.0	10	133	4.0	0.18	1.4	2.1	9		MERCY HOT SPRINGS
	8	22	10	44.6	36-49.0	121-32.0	3.8	2.2	26	42	4.1	0.18	0.5	0.5	B		SAN JUAN BAUTISTA

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	FRH	FPZ	Q	QUADRANGLE
NOV	8	22	51	10.6	36-27.4	121-4.4	6.8	2.3	24	64	5.9	0.12	0.4	1.0	A	1.0	TOPO VALLEY
	8	23	3	7.6	36-27.3	121-4.5	6.2	1.3	15	64	6.1	0.09	0.4	0.9	A	0.9	TOPO VALLEY
	9	5	40	13.9	36-13.0	120-49.3	6.2	1.5	10	102	2.4	0.15	1.0	1.9	B	1.9	MONARCH PEAK
	9	6	15	56.4	37-25.7	121-45.2	4.8	0.4	6	116	4.8	0.06	0.5	0.4	B	0.4	CALAVERAS RESERVOIR
	9	11	20	24.8	37-38.8	122-2.9	1.6	1.6	18	47	0.4	0.13	0.4	0.3	A	0.3	HAYWARD
	9	12	7	32.4	38-47.8	122-43.7	4.0	1.5	6	274	9.9	0.07	4.5	4.5	D	4.5	WHISPERING PINES
	9	12	57	15.5	38-42.7	122-44.8	0.8	1.5	7	198	0.8	0.17	5.2	5.3	D	5.3	MOUNT ST HELENA
	9	16	48	51.8	36-39.4	121-16.2	9.6	0.7	6	126	1.0	0.02	0.5	0.7	B	0.7	PAICINES
	9	22	53	22.7	36-39.5	121-18.5	10.7	0.6	8	110	3.3	0.05	0.5	0.9	B	0.9	PAICINES
	10	3	15	48.6	37-30.2	121-48.1	1.2	1.1	13	71	5.8	0.17	0.7	0.6	B	0.6	LA COSTA VALLEY
	10	3	54	41.3	36-32.5	121-8.2	6.4	0.9	9	76	6.0	0.08	0.5	1.3	A	1.3	BICKMORE CANYON
	10	3	57	15.9	36-40.3	121-17.8	5.9	1.0	11	71	2.3	0.05	0.4	0.9	A	0.9	PAICINES
	10	7	33	7.9	37-46.1	121-56.6	6.8	1.2	11	76	2.7	0.08	0.3	0.2	A	0.2	DIABLO
	10	7	43	40.3	35-59.4	120-35.5	4.2	2.6	16	79	11.7	0.18	1.2	1.3	C	1.3	STOCKDALE MTN
	10	8	44	20.5	37-29.1	121-38.3	6.1	0.8	6	147	12.2	0.05	0.6	6.7	C	6.7	MT DAY
	10	8	47	38.7	36-31.3	121-9.0	9.3	1.1	11	86	6.8	0.10	0.6	1.4	A	1.4	BICKMORE CANYON
	10	13	2	53.3	36-31.6	121-9.2	8.4	2.0	24	40	6.3	0.11	0.3	0.8	A	0.8	BICKMORE CANYON
	10	16	27	1.4	37-29.1	121-38.2	4.4	0.9	8	148	12.1	0.10	1.2	2.0	C	2.0	MT DAY
	10	22	2	34.6	37-30.6	121-33.8	4.6	1.1	7	207	11.4	0.24	3.2	2.0	D	2.0	CEDAR MTN
	11	0	2	20.8	36-47.9	121-16.4	4.9	1.0	10	86	6.6	0.05	0.3	0.3	B	0.3	TRES PINOS
	11	3	43	30.2	36-45.6	121-15.4	4.9	1.9	21	79	9.2	0.12	0.4	0.5	B	0.5	TRES PINOS
	11	4	14	20.6	38-51.2	122-44.2	3.9	3.0	11	146	15.8	0.17	3.4	2.0	C	2.0	WHISPERING PINES
	11	5	3	17.6	36-55.7	121-22.1	8.9	0.8	10	153	6.7	0.07	0.6	1.3	B	1.3	THREIF SISTERS
	11	10	32	24.8	36-39.2	121-18.2	4.1	0.6	8	93	3.0	0.09	0.6	1.3	B	1.3	PAICINES
	11	21	1	27.0	36-39.3	121-18.1	3.8	0.6	7	97	2.9	0.02	0.2	0.2	B	0.2	PAICINES
	11	23	12	18.1	36-31.1	120-39.1	5.3	2.9	30	121	20.4	0.23	0.8	0.8	C	0.8	TUMEY HILLS
	12	1	6	31.3	37-30.3	121-48.3	0.6	1.6	11	98	6.0	0.22	1.0	0.9	B	0.9	LA COSTA VALLEY
	12	7	36	58.9	36-51.8	121-34.7	2.5	0.4	7	122	2.5	0.08	0.7	0.6	B	0.6	SAN JUAN BAUTISTA
	12	9	48	11.0	36-40.3	121-18.4	2.5	1.0	11	69	3.1	0.08	0.4	0.7	A	0.7	PAICINES
	12	10	36	32.1	36-0.7	120-37.6	5.6	1.6	13	119	13.7	0.21	1.2	5.8	C	5.8	SLACK CANYON
	12	22	49	3.1	36-29.7	120-19.0	4.5	3.1	28	200	18.4	0.24	1.4	0.7	C	0.7	TRES PICOS FARMS
	13	5	48	13.9	36-55.8	121-40.7	12.1	1.7	29	81	1.6	0.10	0.3	0.5	A	0.5	WATSONVILLE EAST
	13	11	55	22.8	37-25.1	121-46.0	5.8	2.3	47	80	4.6	0.15	0.3	0.4	A	0.4	CALAVERAS RESERVOIR
	13	11	58	7.7	37-24.8	121-45.8	6.7	0.9	7	85	5.3	0.06	0.5	0.9	A	0.9	CALAVERAS RESERVOIR
	13	19	20	14.4	37-25.8	121-40.1	6.1	1.6	9	118	11.0	0.09	0.5	3.8	B	3.8	MT DAY
	14	1	14	27.8	37-14.6	121-57.8	8.0	1.6	14	76	10.7	0.10	0.5	1.9	B	1.9	LOS GATOS
	14	3	1	13.1	37-8.2	121-31.3	9.3	0.8	10	117	8.0	0.05	0.3	0.8	B	0.8	MT SIZER
	14	4	14	20.8	36-38.0	121-10.0	9.5	1.7	19	74	3.6	0.04	0.4	0.7	A	0.7	CHERRY PEAK
	14	11	22	49.6	37-16.4	121-38.1	4.8	2.0	37	74	3.8	0.09	0.2	0.2	A	0.2	LICK OBSERVATORY
	14	19	37	23.7	37-25.5	121-46.0	6.6	2.1	31	81	4.1	0.14	0.4	1.1	A	1.1	CALAVERAS RESERVOIR
	14	21	29	48.1	36-54.9	121-28.6	5.3	1.5	26	55	2.8	0.07	0.2	0.5	A	0.5	SAN FELIPE
	14	21	45	44.1	36-55.0	121-28.7	5.0	0.9	14	80	2.6	0.08	0.3	0.7	A	0.7	SAN FELIPE
	14	22	11	54.8	36-57.8	121-38.3	5.4	0.8	9	79	4.1	0.02	0.1	0.2	A	0.2	WATSONVILLE EAST
	14	23	0	60.0	36-39.9	121-19.3	5.2	3.0	44	61	4.3	0.17	0.4	0.5	B	0.5	PAICINES
	15	2	11	47.5	37-46.1	122-8.6	7.3	0.7	10	170	7.8	0.06	0.5	0.3	B	0.3	OAKLAND EAST



## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	FRZ	Q	QUADRANGLE
NOV	15	5	33	12.9	36-29.0	121-6.4	1.9	0.9	11	100	4.1	0.08	0.4	0.3	B	TOPO VALLEY	
	15	9	50	52.8	36-34.1	121-9.9	12.8	1.1	12	64	2.3	0.06	0.4	0.7	A	RICKMORE CANYON	
	15	11	32	47.4	36-52.1	121-18.1	4.9	1.2	21	68	1.9	0.08	0.3	0.5	A	TRES PINOS	
	15	13	8	3.3	37-45.6	121-56.8	6.4	0.8	9	69	3.5	0.03	0.2	0.2	A	DIABLO	
	15	18	17	5.8	36-27.5	121-1.9	8.7	0.9	10	107	4.0	0.09	0.6	1.0	B	TOPO VALLEY	
15	19	14	46.3	36-57.7	121-35.3	6.5	1.0	15	51	7.2	0.09	0.4	1.5	B	CHITTENDEN		
16	0	25	44.8	36-19.9	120-56.0	3.9	0.8	7	119	1.8	0.13	1.2	1.8	B	LONOAK		
16	1	47	21.0	37-4.2	121-30.0	5.6	1.3	23	63	5.1	0.13	0.4	0.6	A	GILROY HOT SPRINGS		
16	6	1	15.8	36-25.8	121-2.2	3.5	1.7	14	68	1.8	0.08	0.4	0.3	A	TOPO VALLEY		
16	9	2	49.4	36-33.4	121-9.8	9.5	1.2	9	84	9.4	0.04	0.3	1.0	A	BICKMORE CANYON		
16	11	55	49.8	36-35.6	121-4.8	5.7	1.6	12	84	5.0	0.16	0.8	1.8	B	SAN BENITO		
17	1	47	48.9	36-34.4	121-11.4	2.6	1.8	16	63	0.3	0.07	0.3	0.2	A	RICKMORE CANYON		
17	1	58	38.9	35-17.3	120-53.6	4.4	2.2	19	81	4.3	0.17	0.6	1.1	B	LONOAK		
17	6	11	32.3	36-1.8	120-38.6	4.1	2.0	14	118	17.9	0.18	1.3	1.2	C	SLACK CANYON		
17	12	8	36.8	36-56.8	121-35.6	3.7	0.9	11	65	1.5	0.10	0.5	0.4	A	CHITTENDEN		
17	12	52	56.6	35-56.9	120-31.9	7.8	2.0	10	76	5.3	0.12	0.9	1.8	A	STOCKDALE MTN		
17	15	48	16.8	37-7.6	121-31.0	7.1	1.8	39	106	7.0	0.15	0.4	1.2	B	MT SIZER		
17	16	29	41.4	36-56.3	121-34.2	4.4	0.6	7	85	2.5	0.03	0.3	0.2	A	CHITTENDEN		
17	19	58	18.2	36-57.9	121-27.1	2.2	0.7	8	122	4.9	0.08	0.5	0.3	B	SAN FELIPE		
17	20	40	1.3	37-9.5	121-32.2	6.1	1.3	27	97	10.6	0.13	0.4	2.0	B	MT SIZER		
17	22	14	41.8	37-21.9	121-43.0	3.9	1.2	8	80	3.5	0.19	2.0	1.4	B	LICK OBSERVATORY		
18	1	50	34.1	37-29.1	121-48.4	5.6	3.0	51	71	3.8	0.16	0.3	0.3	B	CALAVERAS RESERVOIR		
18	2	0	20.8	37-29.7	121-48.3	4.2	0.8	7	111	4.8	0.14	0.9	0.6	B	CALAVERAS RESERVOIR		
18	2	6	50.7	37-29.5	121-48.2	4.5	1.0	9	105	4.4	0.09	0.6	0.6	B	CALAVERAS RESERVOIR		
18	2	36	37.1	36-28.3	121-5.5	7.1	2.3	20	63	4.4	0.13	0.4	1.1	A	TOPO VALLEY		
18	2	57	36.3	36-34.1	121-12.3	6.8	2.0	22	63	10.8	0.07	0.2	0.8	B	RICKMORE CANYON		
18	3	33	33.4	36-26.3	121-2.1	0.0	1.3	7	107	2.1	0.06	0.4	0.4	B	TOPO VALLEY		
18	3	48	17.8	36-26.2	121-2.2	0.1	1.8	14	69	2.1	0.07	0.3	0.3	A	TOPO VALLEY		
18	7	50	51.8	36-16.1	120-52.2	2.2	1.8	13	110	7.5	0.12	0.5	0.4	B	HEPSEDAK PEAK		
18	8	3	11.6	37-29.5	121-48.4	4.8	1.5	12	103	4.5	0.09	0.4	0.5	B	CALAVERAS RESERVOIR		
18	9	30	51.8	37-29.4	121-48.2	4.4	0.7	13	71	4.3	0.11	0.6	0.7	A	CALAVERAS RESERVOIR		
18	14	11	23.2	37-34.2	121-57.5	5.1	1.1	8	140	6.9	0.21	1.6	1.7	C	NILES		
18	15	9	18.3	37-2.6	121-28.7	8.1	0.9	16	70	2.0	0.12	0.6	1.0	A	GILROY HOT SPRINGS		
18	16	16	49.7	36-39.8	121-18.6	3.9	0.5	10	62	3.4	0.06	0.4	0.3	A	PAICINES		
18	18	26	15.3	37-22.5	121-37.4	8.3	0.9	8	112	4.0	0.14	1.1	2.2	B	ISABEL VALLEY		
18	22	38	54.9	36-30.6	120-40.8	8.1	2.2	14	156	19.6	0.21	1.5	3.5	C	TUMAY HILLS		
19	0	1	51.1	36-31.9	121-9.3	6.0	1.2	12	80	5.7	0.07	0.3	0.9	A	BICKMORE CANYON		
19	0	30	59.7	36-32.2	121-4.3	10.7	2.2	25	68	3.0	0.12	0.4	0.7	A	SAN BENITO		
19	1	27	35.8	36-32.2	121-4.3	9.5	1.8	18	68	3.0	0.13	0.5	0.9	A	SAN BENITO		
19	2	6	37.6	37-29.9	121-48.4	1.7	1.6	13	70	5.3	0.16	0.7	0.6	B	CALAVERAS RESERVOIR		
19	2	56	31.5	36-56.0	121-16.3	6.5	1.7	35	65	6.4	0.12	0.3	1.1	A	THREE SISTERS		
19	5	15	10.3	36-47.9	121-18.2	5.0	0.9	11	80	9.0	0.07	0.3	0.5	B	TRES PINOS		
19	8	3	19.3	36-57.2	121-23.2	6.6	0.8	12	92	3.6	0.07	0.4	0.7	B	SAN FELIPE		
19	8	54	12.1	36-32.4	120-32.0	10.1	2.8	35	144	26.6	0.17	0.7	0.6	C	MONOCLINE RIDGE		
19	14	0	15.5	37-18.1	121-39.5	3.8	2.0	32	65	5.1	0.09	0.2	0.2	B	LICK OBSERVATORY		

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	PMS	ERH	EP7	Q	QUAD	PANG	F
NOV	19	14	1	37.9	36-36.9	120-48.5	2.0	1.2	0	113	5.4	0.12	1.5	2.9	R		PANACHE		
	19	15	49	34.4	36-48.4	121-16.8	1.6	0.8	0	91	6.7	0.08	0.4	0.4	R		TRES PINOS		
	19	16	50	32.9	36-26.1	121-5.6	14.4	1.3	12	77	6.2	0.10	0.7	0.5	A		SAN RENITO		
	19	20	31	14.1	37-9.0	121-32.2	3.2	0.7	10	115	7.7	0.10	0.5	0.5	B		MT SIZEP		
	20	0	41	56.6	38-57.2	122-37.1	1.4	1.8	10	257	12.5	0.16	4.9	2.3	D		LOWEP LAKE		
	20	1	32	9.1	36-25.0	121-1.3	7.8	1.1	8	83	0.8	0.03	0.3	0.4	A		TOPO VALLEY		
	20	6	12	21.9	36-29.7	121-6.8	9.5	1.2	13	69	3.8	0.08	0.4	0.9	A		TOPO VALLEY		
	20	9	8	26.5	36-50.3	121-24.8	5.4	1.6	30	42	2.1	0.12	0.3	0.8	A		HOLLISTER		
	20	9	47	1.2	36-44.3	121-23.3	7.7	0.9	7	103	5.1	0.09	0.8	1.8	R		MT HARLAN		
	20	16	12	33.6	36-50.2	121-24.5	5.0	1.0	13	70	2.1	0.10	0.4	1.5	A		HOLLISTER		
	20	17	37	47.9	36-31.8	121-9.5	9.1	2.0	22	61	5.7	0.09	0.3	0.7	A		BICKMORE CANYON		
	20	19	17	2.5	36-0.0	120-52.8	13.7	1.3	8	154	18.6	0.19	1.0	0.8	C		SAN ARDO		
	21	0	47	1.3	37-30.3	121-48.2	1.2	1.6	12	98	6.0	0.10	0.9	0.8	B		LA COSTA VALLEY		
	21	7	27	44.0	37-29.3	121-48.1	4.5	0.7	8	109	4.2	0.10	0.7	0.7	R		CALAVERAS RESERVOIR		
	21	12	6	30.3	35-59.4	120-52.9	11.6	2.2	17	95	19.5	0.12	0.5	1.1	B		HAMES VALLEY		
	21	17	58	2.3	36-34.1	121-8.9	11.0	1.2	10	111	3.8	0.14	1.0	1.7	B		BICKMORE CANYON		
	21	18	11	51.0	36-34.1	121-8.1	12.2	1.2	12	65	4.8	0.07	0.4	0.8	A		BICKMORE CANYON		
	21	18	13	21.2	36-33.8	121-8.0	12.6	1.1	11	66	5.1	0.06	0.5	0.7	A		BICKMORE CANYON		
	21	18	20	46.6	36-51.5	121-27.0	3.6	1.0	11	60	3.9	0.10	0.6	0.4	A		HOLLISTER		
	21	19	15	56.0	35-50.6	121-11.0	10.1	1.9	12	137	18.1	0.13	0.8	1.4	B		BURNETT PEAK		
	21	20	24	43.9	36-42.9	121-22.4	3.5	1.2	12	80	2.7	0.13	0.7	0.6	A		PAICINES		
	21	21	12	13.0	36-22.5	120-57.9	7.0	1.4	7	124	7.3	0.11	1.0	3.1	B		LONOAK		
	22	3	46	16.2	36-42.7	121-19.9	9.9	1.0	10	83	1.0	0.09	0.6	1.6	A		PAICINES		
	22	12	3	24.0	35-59.6	120-52.8	13.7	1.4	7	170	19.2	0.05	0.5	0.6	B		HAMES VALLEY		
	22	18	50	7.4	38-40.1	122-48.2	3.2	1.8	11	130	6.3	0.19	1.1	1.0	B		JIMTOWN		
	22	19	34	36.1	36-27.5	121-4.5	6.1	1.8	18	64	5.8	0.14	0.5	1.3	A		TOPO VALLEY		
	22	23	15	44.5	35-57.0	120-32.4	6.4	1.6	10	115	6.0	0.14	1.0	2.6	B		STOCKDALE MTN		
	23	0	25	43.9	36-54.4	121-0.7	6.4	1.7	18	157	14.2	0.22	0.9	3.5	C		LOS PANOS VALLEY		
	23	2	16	38.8	36-57.3	121-37.1	4.1	1.2	14	49	3.2	0.09	0.3	0.3	A		CHITTENDEN		
	23	10	29	53.0	37-35.0	121-47.1	3.0	0.9	7	100	10.2	0.10	0.7	0.6	B		LA COSTA VALLEY		
	23	10	39	36.0	36-27.1	121-4.2	6.0	1.8	19	64	5.6	0.08	0.3	0.8	A		TOPO VALLEY		
	23	12	1	48.1	37-36.3	121-55.0	5.4	2.1	39	65	4.6	0.18	0.4	0.5	B		NILES		
	23	12	24	57.3	36-34.5	121-12.6	5.2	1.6	18	75	7.1	0.08	0.3	1.1	B		BICKMORE CANYON		
	23	13	32	14.5	36-59.8	121-42.3	10.8	1.1	16	59	2.3	0.10	0.6	1.0	A		WATSONVILLE EAST		
	23	19	12	2.5	37-9.5	121-35.8	4.6	1.1	15	58	2.4	0.07	0.3	0.2	B		MT SIZER		
	24	0	49	0.9	37-30.3	121-48.2	1.2	1.6	14	70	5.9	0.19	0.8	0.7	B		LA COSTA VALLEY		
	24	2	15	25.8	36-38.0	121-15.0	9.4	0.8	10	66	4.2	0.06	0.4	0.7	A		PAICINES		
	24	4	29	0.3	37-35.2	121-47.5	1.2	1.1	10	100	10.1	0.18	0.7	0.8	C		LA COSTA VALLEY		
	24	4	38	0.6	36-57.3	121-37.2	3.5	0.9	10	76	3.2	0.06	0.3	0.3	A		CHITTENDEN		
	24	5	46	41.9	36-29.5	121-6.2	4.6	0.6	6	103	3.2	0.06	0.7	1.9	B		TOPO VALLEY		
	24	7	51	37.9	36-57.0	121-35.4	6.1	1.5	20	42	1.1	0.05	0.2	0.3	A		CHITTENDEN		
	24	9	20	11.8	36-50.6	121-17.7	5.1	1.4	23	56	7.5	0.11	0.3	0.6	B		TRES PINOS		
	24	10	11	29.3	36-56.7	121-34.4	5.8	1.0	11	70	1.7	0.05	0.2	0.5	A		CHITTENDEN		
	24	16	31	51.9	37-19.3	121-40.3	4.5	0.8	8	90	3.4	0.10	0.7	1.2	B		LICK OBSERVATORY		
	24	18	34	55.9	37-13.0	121-35.4	3.9	1.7	26	106	6.6	0.12	0.4	0.3	B		MT SIZER		

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
NOV	24	19	13	9.7	36-55.9	121-33.0	5.0	0.8	10	61	4.1	0.04	0.2	0.4	A	CHITTENDEN	
	25	0	44	45.2	36-34.7	121-13.6	9.0	1.8	15	80	3.4	0.07	0.3	0.5	A	BICKMORE CANYON	
	25	2	56	14.4	38-24.3	122-14.0	6.5	2.2	24	81	13.9	0.20	0.7	1.1	C	CAPELL VALLEY	
	25	2	59	30.7	36-24.9	121-1.4	6.9	1.2	7	127	1.1	0.06	0.6	0.7	B	TOPO VALLEY	
	25	3	3	54.3	35-59.5	120-53.2	12.7	1.5	9	157	19.7	0.06	0.5	0.4	B	HAMES VALLEY	
25	3	19	7.9	38-24.1	122-12.6	6.1	1.8	12	96	13.4	0.22	1.2	1.1	C	CAPELL VALLEY		
25	7	28	19.7	36-33.2	121-10.6	3.7	0.9	8	93	2.6	0.03	0.2	0.2	B	BICKMORE CANYON		
25	7	41	57.3	36-39.3	121-18.2	4.0	1.2	12	60	2.9	0.11	0.6	0.5	A	PAICINES		
25	7	47	9.5	36-57.7	121-36.4	5.0	0.5	7	101	2.1	0.02	0.2	0.2	B	CHITTENDEN		
25	8	29	29.9	37-1.1	121-42.8	11.1	0.8	11	62	4.3	0.10	0.8	1.8	A	MT MADONNA		
25	11	46	46.1	36-34.0	121-10.6	4.5	1.5	12	67	1.4	0.07	0.3	0.5	A	BICKMORE CANYON		
25	15	14	23.9	36-27.7	121-4.9	5.9	1.6	19	63	5.5	0.10	0.4	1.0	A	TOPO VALLEY		
25	18	15	6.2	37-6.8	121-31.3	7.7	0.8	8	144	6.9	0.03	0.2	0.4	B	GILROY		
25	21	16	42.8	37-22.3	121-42.3	2.3	1.4	10	86	4.7	0.10	0.6	0.4	A	LICK OBSERVATORY		
25	21	17	45.9	37-22.1	121-42.6	2.6	1.7	18	83	4.2	0.14	0.5	0.3	A	LICK OBSERVATORY		
25	22	18	52.4	36-47.7	121-28.8	2.1	1.0	10	78	4.6	0.09	0.8	0.8	A	HOLLISTER		
26	1	54	26.7	36-57.8	121-38.3	4.4	1.1	10	78	4.0	0.03	0.2	0.2	A	WATSONVILLE EAST		
26	8	28	5.7	37-6.4	121-55.3	8.4	1.2	15	93	8.8	0.13	0.6	1.5	B	LAUREL		
26	9	41	58.8	36-35.5	121-9.8	10.1	1.5	15	57	8.1	0.09	0.4	0.7	A	BICKMORE CANYON		
27	1	6	30.1	37-30.3	121-48.3	0.7	1.5	13	69	6.0	0.20	0.7	0.7	B	LA COSTA VALLEY		
27	5	45	38.2	37-17.1	121-41.9	5.4	0.9	8	90	3.8	0.06	0.4	0.3	B	LICK OBSERVATORY		
27	12	21	17.3	38-40.2	122-48.2	5.4	1.3	7	130	6.1	0.07	0.7	1.3	B	JIMTOWN		
27	16	32	59.1	35-58.4	120-34.8	2.0	1.8	13	77	10.0	0.17	0.9	0.9	C	STOCKDALE MTN		
27	20	7	49.0	37-34.4	121-57.5	4.7	1.7	15	54	6.5	0.16	0.7	0.8	B	NILES		
28	1	12	42.3	36-34.1	121-11.9	5.5	1.1	10	76	1.1	0.04	0.2	0.3	A	BICKMORE CANYON		
28	2	35	10.2	37-6.3	121-30.0	9.2	1.3	18	109	4.8	0.09	0.4	0.8	B	GILROY HOT SPRINGS		
28	7	35	57.9	37-20.0	122-7.9	4.7	1.3	9	83	3.6	0.15	0.9	0.6	B	MINDEGO HILL		
28	9	39	38.5	36-11.1	120-46.7	4.3	0.7	6	159	3.7	0.09	1.1	1.9	C	MONARCH PEAK		
28	11	54	57.4	37-7.9	121-31.0	8.8	1.9	43	117	7.4	0.14	0.3	0.8	B	MT SIZER		
28	14	31	37.0	37-15.2	121-42.5	5.9	0.8	7	76	3.3	0.07	0.5	0.6	A	LICK OBSERVATORY		
28	15	22	3.1	37-7.7	121-31.0	8.6	1.7	28	106	7.1	0.14	0.4	1.1	B	MT SIZER		
28	23	1	24.7	36-55.0	121-28.7	5.8	5.1	27	63	2.7	0.09	0.2	0.7	A	SAN FELIPE		
28	23	8	16.1	36-55.1	121-28.3	3.9	1.9	10	75	3.3	0.09	0.5	0.5	A	SAN FELIPE		
28	23	21	38.9	36-55.2	121-28.3	5.3	1.9	12	65	3.3	0.08	0.4	0.9	A	SAN FELIPE		
28	23	35	57.7	36-55.7	121-28.2	6.6	3.1	18	60	3.5	0.08	0.3	0.8	A	SAN FELIPE		
29	0	25	13.0	36-54.6	121-28.8	4.6	1.9	12	71	2.6	0.09	0.4	0.5	A	SAN FELIPE		
29	0	37	10.1	36-55.5	121-28.2	4.4	2.7	18	64	3.4	0.09	0.3	0.3	A	SAN FELIPE		
29	1	4	7.0	36-55.3	121-28.4	4.5	3.3	19	64	3.1	0.10	0.4	0.4	A	SAN FELIPE		
29	1	49	39.4	36-54.8	121-28.6	5.3	2.0	17	65	2.8	0.07	0.2	0.6	A	SAN FELIPE		
29	2	8	17.5	36-55.5	121-28.2	6.2	2.5	19	62	3.5	0.09	0.3	0.8	A	SAN FELIPE		
29	2	26	47.3	36-54.8	121-28.8	4.7	1.9	17	69	2.6	0.08	0.3	0.4	A	SAN FELIPE		
29	2	40	29.5	36-55.1	121-28.7	4.6	2.2	19	67	2.6	0.09	0.3	0.4	A	SAN FELIPE		
29	3	19	52.1	36-54.3	121-29.2	4.6	2.2	18	75	2.3	0.09	0.3	0.4	A	SAN FELIPE		
29	3	40	57.1	37-29.2	122-19.4	12.0	1.7	29	101	5.4	0.17	0.6	0.6	B	WOODSIDE		
29	3	49	26.5	37-29.2	122-19.2	13.5	1.2	18	100	5.6	0.12	0.6	0.8	B	WOODSIDE		

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	CAP	DMIN	RMS	ERH	FRZ	Q	QUADRANGLE
NOV	29	4	26	22.9	36-55.8	121-28.1	6.1	2.0	16	60	3.7	0.07	0.3	0.7	A		SAN FELIPE
	29	5	9	33.8	36-55.6	121-27.9	6.2	2.4	19	61	3.9	0.13	0.5	1.2	A		SAN FELIPE
	29	5	28	43.3	36-55.8	121-17.2	4.7	1.0	24	87	5.4	0.15	0.5	0.6	B		THREE SISTERS
	29	11	21	35.2	36-39.8	120-53.0	7.3	1.5	13	147	8.2	0.15	0.9	2.8	C		CERRO COLORADO
	29	12	16	23.9	36-54.9	121-28.8	4.8	2.5	24	55	2.5	0.08	0.2	0.3	A		SAN FELIPE
DEC	29	13	16	16.7	36-54.9	121-28.7	4.7	2.3	21	55	2.7	0.09	0.3	0.4	A		SAN FELIPE
	29	14	50	42.9	36-37.9	121-17.4	9.4	1.1	11	72	3.2	0.03	0.2	0.3	A		PAICINES
	29	15	17	39.8	36-39.9	121-18.6	3.2	1.1	11	78	3.3	0.07	0.3	0.3	A		PAICINES
	30	0	39	38.4	36-33.6	121-10.5	10.0	1.0	9	67	2.1	0.04	0.4	0.6	A		BICKMORE CANYON
	30	1	33	21.5	36-55.6	121-28.1	5.5	2.3	25	55	3.6	0.12	0.3	1.0	A		SAN FELIPE
	30	4	15	34.5	36-27.2	120-54.6	16.6	1.7	20	81	10.3	0.18	0.9	1.5	B		ROCK SPRING PEAK
	30	12	12	49.1	36-55.7	121-27.9	6.3	2.3	22	66	4.0	0.09	0.3	0.8	A		SAN FELIPE
	30	22	30	5.0	37-0.0	121-42.0	9.0	1.5	16	48	2.9	0.12	0.5	1.1	A		MT MADONNA
	1	1	50	52.8	36-59.6	121-42.5	11.7	1.8	30	43	1.9	0.11	0.3	0.4	A		WATSONVILLE EAST
	1	4	29	36.2	36-26.5	121-3.8	7.5	0.8	8	121	4.5	0.10	0.7	1.7	B		TOPO VALLEY
	1	4	37	38.0	37-29.3	121-48.2	5.9	1.6	19	71	4.1	0.13	0.5	1.1	A		CALAVERAS RESERVOIR
	1	8	20	16.9	36-26.2	121-2.5	0.1	2.0	19	68	2.5	0.12	0.4	0.5	A		TOPO VALLEY
	1	8	24	31.4	36-54.6	121-29.1	5.7	1.8	32	57	2.1	0.07	0.2	0.3	A		SAN FELIPE
	1	10	20	54.3	37-15.8	121-37.8	4.7	3.4	65	78	3.8	0.15	0.3	0.2	A		LICK OBSERVATORY
	1	12	13	17.6	37-6.6	121-55.3	10.9	1.2	13	91	8.5	0.06	0.3	0.7	B		LAUREL
	1	16	43	32.8	36-54.1	121-29.1	6.3	2.4	27	46	2.6	0.11	0.3	0.8	A		SAN FELIPE
	1	17	35	53.5	36-14.5	120-49.4	9.3	1.3	7	138	4.0	0.07	0.8	1.4	B		MONARCH PEAK
	1	19	26	13.1	36-38.8	121-17.5	5.2	2.5	20	46	2.8	0.16	0.6	0.6	B		PAICINES
	2	0	1	39.8	36-55.4	121-27.9	6.2	2.5	51	55	3.9	0.13	0.3	0.7	A		SAN FELIPE
	2	0	22	23.8	37-12.4	121-12.8	5.7	2.5	55	108	14.7	0.20	0.7	0.8	C		CREVISON PEAK
	2	0	37	5.7	36-31.3	121-7.5	9.0	1.1	8	85	4.6	0.09	0.7	1.6	A		BICKMORE CANYON
	2	3	39	35.1	37-12.6	121-12.3	1.8	2.1	41	109	15.1	0.22	0.9	0.9	C		CREVISON PEAK
	2	6	54	39.3	37-7.7	121-30.9	8.8	1.7	30	106	7.0	0.11	0.3	0.8	B		MT SIZER
	2	10	21	13.5	38-48.0	122-47.4	13.0	1.4	6	123	10.2	0.17	2.5	5.3	C		THE GEYSERS
	2	15	55	28.9	36-30.5	121-7.8	5.4	1.2	11	93	4.8	0.10	0.6	1.6	B		BICKMORE CANYON
	2	16	27	41.3	36-57.8	121-38.1	4.9	1.3	18	46	4.2	0.06	0.2	0.6	A		WATSONVILLE EAST
	2	18	9	52.7	37-15.7	121-37.1	5.3	1.0	13	102	4.8	0.12	0.5	0.4	B		ISABEL VALLEY
	2	20	50	16.4	36-55.8	121-28.3	3.9	1.3	18	59	3.4	0.07	0.2	0.3	A		SAN FELIPE
	2	22	38	16.6	36-54.8	121-28.6	8.0	1.9	27	50	2.8	0.09	0.3	0.6	A		SAN FELIPE
	3	0	5	56.4	36-51.3	121-27.0	3.7	1.4	15	74	4.0	0.06	0.2	0.2	A		HOLLISTER
	3	4	41	34.7	36-31.8	121-10.0	9.2	1.2	10	96	5.5	0.05	0.3	0.7	B		BICKMORE CANYON
	3	5	24	14.8	36-30.0	121-7.4	8.2	1.7	17	59	10.2	0.05	0.2	0.6	B		SAN RENITO
	3	5	52	59.5	36-36.1	121-13.5	1.9	1.3	10	72	4.0	0.07	0.4	0.4	A		BICKMORE CANYON
	3	6	26	32.2	36-57.3	121-36.9	3.2	0.6	11	77	2.8	0.08	0.4	0.3	A		CHITTENDEN
	3	6	55	26.3	36-54.6	121-29.1	4.8	1.6	24	57	2.2	0.08	0.2	0.3	A		SAN FELIPE
	3	7	0	47.0	36-55.2	121-28.6	5.6	1.5	19	104	2.8	0.05	0.2	0.4	B		SAN FELIPE
	3	9	1	11.9	37-32.7	121-56.1	6.1	1.3	16	55	6.2	0.10	0.4	0.5	B		NILES
	3	17	41	53.7	36-36.5	121-14.3	5.8	1.0	8	118	6.8	0.05	0.4	0.9	B		BICKMORE CANYON
	3	18	1	5.8	36-55.5	121-28.6	3.7	1.4	13	108	2.8	0.08	0.4	0.4	B		SAN FELIPE
	3	18	58	23.5	36-54.9	121-28.5	5.5	2.6	47	51	3.0	0.12	0.2	0.4	A		SAN FELIPE

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT N	LONG W	DEPTH	MAG	NO GAP	DMIN	RMS	ERH	ERZO	QUADRANGLE		
DEC	3	19	26	22.7	36-55.3	121-28.0	7.5	1.4	17	59	3.7	0.09	0.3	0.8 A	SAN FELIPE
	3	20	45	21.8	36-54.3	121-28.7	8.3	1.3	17	53	2.9	0.10	0.4	0.8 A	SAN FELIPE
	3	21	7	19.5	36-55.1	121-28.7	4.8	1.3	17	79	2.6	0.08	0.3	0.6 A	SAN FELIPE
	3	21	33	58.8	37-52.5	122-14.8	10.9	1.6	16	69	10.2	0.08	0.3	0.9 A	OAKLAND EAST
	3	23	49	22.4	37-30.2	121-48.3	1.5	1.3	11	77	5.8	0.15	0.8	0.6 B	LA COSTA VALLEY
	3	23	53	3.3	36-56.2	121-28.1	4.9	1.2	14	74	4.1	0.06	0.2	0.6 A	SAN FELIPE
	4	0	20	23.7	36-55.1	121-28.6	3.8	1.3	15	80	2.8	0.07	0.3	0.3 A	SAN FELIPE
	4	1	51	26.7	36-54.8	121-28.8	4.4	1.2	19	81	2.4	0.06	0.2	0.5 A	SAN FELIPE
	4	2	25	0.8	38-48.6	122-48.8	3.8	1.8	7	126	11.0	0.09	1.3	1.4 C	THE GEYSERS
	4	3	38	42.0	36-41.7	121-22.4	6.3	1.5	12	73	3.1	0.12	0.6	1.1 A	PAICINES
	4	5	51	14.3	36-54.6	121-28.9	4.9	1.1	21	55	2.4	0.06	0.2	0.4 A	SAN FELIPE
	4	6	7	8.3	36-54.6	121-28.7	4.6	1.2	16	83	2.7	0.07	0.2	0.4 A	SAN FELIPE
	4	7	54	23.1	37-6.4	121-30.1	8.0	1.2	20	111	5.0	0.10	0.4	0.8 B	GILROY
	4	8	29	6.1	37-17.8	121-38.1	9.2	1.3	15	74	5.5	0.12	0.5	1.3 A	LICK OBSERVATORY
	4	8	49	2.2	36-54.6	121-29.0	5.1	1.2	14	82	2.3	0.06	0.3	0.5 A	SAN FELIPE
	4	11	18	7.8	36-33.6	121-10.8	9.2	1.1	10	127	10.0	0.07	0.5	1.3 B	BICKMORE CANYON
	4	14	56	15.8	37-55.9	121-59.7	6.9	0.9	12	108	8.1	0.15	0.8	0.9 B	CLAYTON
	4	15	48	6.1	36-48.5	121-13.5	6.5	1.1	14	157	11.2	0.05	0.3	1.2 B	QUIEN SABA VALLEY
	4	18	49	8.6	36-54.3	121-28.8	5.3	1.1	16	59	10.1	0.08	0.3	2.4 B	SAN FELIPE
	4	19	9	21.0	36-29.4	120-42.3	5.5	2.2	22	142	16.5	0.21	1.1	2.2 C	IDRIA
	4	21	15	47.3	36-38.6	121-17.4	4.4	1.9	20	38	3.0	0.11	0.4	0.4 A	PAICINES
	4	21	16	42.0	36-38.6	121-17.3	4.4	1.7	18	39	2.9	0.10	0.4	0.4 A	PAICINES
	4	21	42	57.3	36-55.5	121-28.0	7.6	1.9	31	51	3.7	0.09	0.2	0.6 A	SAN FELIPE
	5	1	23	19.1	36-54.3	121-29.2	5.4	1.4	19	83	2.4	0.07	0.3	0.6 A	SAN FELIPE
	5	2	19	1.0	35-59.9	120-32.0	11.2	1.5	11	157	8.0	0.12	1.1	1.2 C	STOCKDALE MTN
	5	2	42	1.1	36-54.7	121-29.0	4.1	1.3	18	81	2.2	0.08	0.3	0.3 A	SAN FELIPE
	5	9	32	39.1	35-59.4	120-53.0	9.4	3.1	29	95	19.7	0.18	0.5	0.8 C	HAMES VALLEY
	5	11	9	38.1	36-30.1	121-18.3	4.1	2.3	33	61	3.2	0.14	0.4	0.4 A	PAICINES
	5	11	30	19.6	36-39.4	121-18.3	4.1	1.7	21	41	3.0	0.11	0.4	0.4 A	PAICINES
	5	13	16	27.9	36-54.5	121-29.0	5.4	2.7	37	45	2.4	0.11	0.2	0.4 A	SAN FELIPE
	5	14	27	21.2	38-49.1	122-48.1	2.4	1.7	8	132	9.7	0.13	0.8	0.7 B	THE GEYSERS
	5	17	13	16.8	36-55.8	121-28.0	4.9	1.6	24	56	3.8	0.09	0.3	0.6 A	SAN FELIPE
	5	18	46	23.4	36-55.6	121-28.0	5.9	2.2	37	46	3.8	0.10	0.2	0.7 A	SAN FELIPE
	5	19	46	35.9	36-39.2	121-18.2	4.0	1.3	14	78	3.1	0.13	0.6	0.5 A	PAICINES
	5	20	48	35.6	36-54.3	121-29.1	5.5	1.2	16	58	2.5	0.08	0.3	0.7 A	SAN FELIPE
	5	21	26	20.1	35-48.3	120-22.7	9.3	2.4	15	154	9.1	0.17	1.9	0.9 C	CHOLAME HILLS
	5	21	49	52.9	35-48.8	120-22.5	3.2	2.0	8	256	8.3	0.10	2.2	0.8 C	CHOLAME HILLS
	6	3	5	44.9	36-54.1	121-29.2	5.7	1.4	24	51	2.6	0.07	0.2	0.6 A	SAN FELIPE
	6	4	32	42.4	36-42.2	121-4.6	8.9	1.3	14	91	2.9	0.10	0.5	0.9 B	SAN BENITO
	6	4	50	11.4	36-58.8	121-38.9	5.3	1.7	29	43	5.1	0.13	0.3	0.6 A	WATSONVILLE EAST
	6	6	39	4.3	37-4.2	121-30.0	6.4	1.2	22	63	5.1	0.11	0.4	0.9 A	GILROY HOT SPRINGS
	6	7	26	10.5	36-55.5	121-28.1	4.4	1.5	21	59	3.7	0.07	0.2	0.3 A	SAN FELIPE
	6	8	21	41.2	36-54.3	121-28.9	4.1	1.2	18	74	2.7	0.09	0.3	0.4 A	SAN FELIPE
	6	10	45	33.5	36-54.6	121-28.7	6.7	1.6	25	54	2.7	0.08	0.2	0.6 A	SAN FELIPE
	6	15	34	2.5	35-48.1	120-22.7	9.0	2.9	15	155	9.4	0.18	1.8	0.9 C	CHOLAME HILLS

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	CAP	DMIN	RMS	ERH	EPZ	Q	QUADRANGLE
DEC	6	18	22	34.7	36-11.7	120-48.5	0.7	1.7	10	111	2.6	0.12	0.7	1.0	R		MONARCH PEAK
	6	21	46	8.5	36-54.1	121-29.2	4.1	1.3	18	74	9.5	0.05	0.2	0.3	B		SAN FELIPE
	6	22	44	10.8	36-13.9	120-49.3	4.2	1.4	9	122	2.9	0.09	0.7	1.5	B		MONARCH PEAK
	6	22	52	19.0	36-54.5	121-28.9	1.9	1.3	14	83	10.0	0.05	0.2	0.4	B		SAN FELIPE
	6	23	1	35.7	36-37.6	121-16.2	5.4	2.2	26	48	2.9	0.10	0.3	0.5	A		PAICINES
	6	23	15	46.7	38-40.3	122-48.2	4.9	1.7	7	175	6.1	0.05	0.6	1.1	B		JIMTOWN
	7	6	1	25.2	36-54.6	121-29.0	5.6	1.9	25	58	10.0	0.07	0.2	1.3	B		SAN FELIPE
	7	6	6	7.7	36-56.0	121-28.2	4.2	1.6	20	60	8.3	0.07	0.2	0.3	B		SAN FELIPE
	7	6	49	10.0	37-29.4	121-48.3	5.3	1.4	17	71	4.3	0.14	0.6	0.5	A		CLAVERRAS RESERVOIR
	7	7	12	50.4	36-44.9	121-13.9	4.9	1.0	13	90	9.5	0.18	0.8	0.6	B		CHERRY PEAK
	7	7	48	29.1	36-55.3	121-28.1	4.3	1.5	22	58	9.1	0.11	0.3	0.4	B		SAN FELIPE
	7	10	2	57.0	36-38.6	121-17.4	4.1	1.3	15	74	2.0	0.10	0.4	0.4	A		PAICINES
	7	11	46	11.3	37-11.0	121-26.2	6.2	1.2	24	101	5.6	0.11	0.3	0.3	B		AT SIFFO
	7	11	51	47.0	36-56.6	121-29.0	5.6	1.3	22	60	10.2	0.09	0.2	1.0	B		SAN FELIPE
	7	12	4	46.9	36-59.3	120-51.3	13.1	3.1	35	96	19.6	0.15	0.6	0.9	B		HAYES VALLEY
	7	13	45	34.3	36-54.6	121-28.7	4.6	2.0	26	50	10.5	0.11	0.3	0.5	B		SAN FELIPE
	7	21	51	40.3	36-55.2	121-28.6	8.6	1.9	26	60	9.9	0.09	0.2	0.9	B		SAN FELIPE
	7	21	44	25.1	36-55.5	121-29.6	5.2	2.2	27	49	9.2	0.10	0.2	0.3	B		SAN FELIPE
	7	22	31	45.1	36-36.1	121-14.5	7.1	1.1	6	99	2.6	0.06	0.5	1.0	A		RICKMORE CANYON
	8	0	13	31.2	36-40.3	121-10.5	1.1	1.3	10	94	4.9	0.07	0.4	0.4	A		PAICINES
	8	1	7	35.5	36-55.2	121-28.8	7.5	1.9	30	49	9.9	0.09	0.2	0.9	B		SAN FELIPE
	8	2	24	56.2	36-54.3	121-29.0	5.2	2.0	27	50	9.8	0.03	0.2	1.2	B		SAN FELIPE
	8	5	3	40.1	36-54.5	121-29.2	4.5	1.8	27	52	9.7	0.09	0.2	0.5	B		SAN FELIPE
	8	8	9	33.8	38-40.3	122-47.9	5.3	2.8	17	129	5.8	0.21	1.0	2.5	B		JIMTOWN
	8	9	48	50.4	36-55.4	121-28.4	3.8	1.3	15	57	9.3	0.07	0.3	0.4	B		SAN FELIPE
	8	17	11	20.9	36-1.0	120-37.9	5.7	1.7	11	119	13.0	0.19	1.4	5.5	C		SLACK CANYON
	8	18	4	11.9	35-59.7	120-52.8	12.1	1.7	13	156	19.1	0.12	0.8	1.0	B		HAYES VALLEY
	8	18	56	34.6	36-54.6	121-28.7	5.7	1.8	26	74	10.4	0.09	0.2	1.0	B		SAN FELIPE
	9	0	38	2.6	36-40.0	121-18.5	3.3	1.5	13	66	3.2	0.08	0.4	0.3	A		PAICINES
	9	4	5	10.1	36-55.3	121-28.5	4.3	1.5	18	72	9.5	0.08	0.3	0.4	B		SAN FELIPE
	9	5	16	36.5	36-39.8	121-18.7	3.8	1.7	21	45	3.5	0.11	0.4	0.4	A		PAICINES
	9	6	19	4.2	36-54.7	121-28.9	4.2	1.2	16	55	10.1	0.06	0.2	0.3	B		SAN FELIPE
	9	7	50	10.1	36-55.1	121-28.5	8.4	1.9	35	50	9.7	0.11	0.3	0.7	B		SAN FELIPE
	9	13	35	28.2	36-55.6	121-28.0	6.1	2.1	40	50	8.6	0.10	0.2	0.9	B		SAN FELIPE
	9	22	1	6.9	37-30.1	121-48.4	1.2	1.8	17	88	5.7	0.20	0.7	0.6	B		LA COSTA VALLEY
	9	22	53	20.9	36-54.6	121-28.9	5.0	1.8	28	53	2.5	0.07	0.2	0.4	A		SAN FELIPE
	9	23	41	43.5	36-55.2	121-28.0	4.8	1.5	25	58	3.7	0.09	0.2	0.4	A		SAN FELIPE
	10	0	40	24.9	36-50.4	121-33.6	3.8	1.8	26	50	4.8	0.17	0.5	0.5	B		SAN JUAN BAUTISTA
	10	7	2	22.7	36-31.8	121-9.6	9.6	1.5	14	81	5.7	0.05	0.2	0.5	A		BICKMORE CANYON
	10	9	10	24.0	36-30.4	121-7.6	4.9	2.6	40	51	4.6	0.14	0.3	0.4	A		BICKMORE CANYON
	10	11	15	24.3	36-55.3	121-28.3	4.8	1.7	27	58	3.2	0.10	0.3	0.3	A		SAN FELIPE
	10	12	28	0.4	36-27.9	121-3.4	2.6	1.3	11	75	5.2	0.12	0.7	0.7	B		TOPO VALLEY
	10	14	39	24.6	36-25.4	121-1.3	0.5	1.5	6	85	0.4	0.05	0.5	0.3	A		TOPO VALLEY
	10	14	55	1.8	36-55.2	121-28.8	4.0	1.4	19	59	2.4	0.09	0.3	0.3	A		SAN FELIPE
	10	23	38	31.3	36-55.7	121-32.7	4.4	1.4	16	56	3.5	0.06	0.2	0.6	A		CHITTENDEN

## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MN	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
DEC 10	23	50	55.0	37-26.0		121-46.8		6.0	2.1	37	78	2.6	0.15	0.4	0.7	B	CALAVERAS RESERVOIR
11	0	5	2.1	36-33.6		121-11.5		6.1	2.0	29	58	1.6	0.09	0.2	0.5	A	BICKMORE CANYON
11	2	3	13.6	36-54.6		121-28.8		5.9	1.2	15	56	2.6	0.08	0.3	0.8	A	SAN FELIPE
11	5	21	28.6	36-48.6		121-32.5		5.4	1.4	15	73	3.2	0.11	0.6	1.2	A	SAN JUAN BAUTISTA
11	6	36	16.8	36-56.0		121-28.1		4.6	1.7	28	61	3.9	0.07	0.2	0.3	A	SAN FELIPE
11	10	25	24.5	37- 1.3		121-42.8		11.4	1.3	14	58	4.4	0.08	0.5	1.1	A	MT MADONNA
11	12	4	26.8	37- 9.0		121-56.8		8.4	1.5	16	75	7.2	0.16	0.6	1.6	B	LOS GATOS
11	19	37	59.8	36-29.1		121- 5.8		3.5	2.0	21	62	3.4	0.13	0.4	0.5	A	TOPO VALLEY
11	20	57	12.6	36-32.5		121-10.8		8.7	1.2	14	73	3.8	0.05	0.3	0.5	A	BICKMORE CANYON
11	23	11	5.1	36-32.1		121- 6.6		10.8	1.4	14	77	4.2	0.10	0.5	0.9	A	SAN BENITO
12	0	43	0.4	36-41.1		121-11.9		7.9	1.3	10	110	3.1	0.05	0.3	0.6	B	CHERRY PEAK
12	0	56	33.3	36-43.6		120-56.8		4.9	1.6	11	103	15.2	0.13	0.8	0.8	B	CERRO COLORADO
12	2	44	25.9	37-26.8		121-46.2		5.9	1.3	15	82	2.6	0.15	0.6	0.9	A	CALAVERAS RESERVOIR
12	5	30	39.7	37-16.0		121-37.7		4.8	2.5	55	78	4.0	0.15	0.3	0.2	A	LICK OBSERVATORY
12	5	38	45.7	36-55.7		121-28.2		4.9	1.7	30	59	3.6	0.08	0.2	0.4	A	SAN FELIPE
12	7	19	32.3	36-33.8		121-11.7		6.8	1.2	13	67	1.5	0.04	0.2	0.3	A	BICKMORE CANYON
12	7	44	49.4	36-35.1		121-13.9		8.8	1.8	26	51	4.0	0.08	0.2	0.4	A	BICKMORE CANYON
12	13	48	22.3	36-54.4		121-28.9		6.2	2.2	38	45	2.6	0.10	0.2	0.6	A	SAN FELIPE
12	20	32	41.8	36-33.5		121- 7.5		10.9	1.7	18	60	6.1	0.11	0.4	0.9	A	SAN BENITO
12	20	39	51.0	36-49.2		121-24.1		10.6	1.3	15	81	10.9	0.15	0.7	2.1	B	HOLLISTER
12	23	43	25.8	36-55.9		121-28.0		4.6	1.8	23	74	4.1	0.09	0.3	0.3	A	SAN FELIPE
13	0	2	30.4	37-30.3		121-48.2		1.2	1.3	12	70	5.9	0.17	0.8	0.7	B	LA COSTA VALLEY
13	2	0	1.4	36-54.3		121-28.9		5.5	1.5	19	63	2.7	0.06	0.2	0.5	A	SAN FELIPE
13	2	42	50.9	36-27.0		120-38.8		8.7	2.0	15	137	17.6	0.11	0.6	1.8	B	IDRIA
13	3	24	29.0	36-40.5		121-20.3		4.5	2.1	29	62	3.7	0.15	0.4	0.5	A	PAICINES
13	4	4	40.4	36-54.5		121-28.8		4.1	1.3	17	65	2.6	0.09	0.3	0.3	A	SAN FELIPE
13	5	8	25.8	36-54.8		121-28.8		6.2	1.5	24	67	2.6	0.06	0.2	0.5	A	SAN FELIPE
13	5	14	44.1	35-55.6		120-30.6		10.1	2.0	13	64	3.9	0.15	0.9	1.3	A	STOCKDALE MTN
13	9	10	35.7	36-15.7		120-51.5		2.0	1.9	15	87	7.7	0.11	0.5	0.4	B	HERSEDAM PEAK
13	9	24	49.9	36-55.8		121-27.9		6.9	2.0	31	72	4.0	0.08	0.2	0.5	A	SAN FELIPE
13	11	35	9.9	36-54.7		121-29.1		5.0	1.8	23	68	2.0	0.05	0.2	0.4	A	SAN FELIPE
13	15	20	31.3	37- 2.2		121- 6.1		10.6	1.8	15	145	4.1	0.15	0.9	1.3	B	SAN LUIS DAM
13	16	40	10.1	37-50.6		122-14.0		9.9	1.6	21	54	3.8	0.15	0.5	1.2	A	OAKLAND EAST
14	1	8	19.4	36-53.5		121-24.4		3.8	1.6	21	65	3.9	0.09	0.3	0.2	A	SAN FELIPE
14	1	28	37.3	38-48.8		122-47.5		3.7	0.9	6	124	9.3	0.09	2.6	3.2	C	THE GEYSERS
14	6	2	12.3	37-16.0		121-37.1		5.2	1.4	17	89	4.9	0.09	0.3	0.3	A	ISABEL VALLEY
14	7	26	32.4	36-55.8		121-28.0		6.5	1.3	16	73	3.9	0.05	0.2	0.5	A	SAN FELIPE
14	11	4	23.2	36- 9.9		120-46.6		7.9	2.0	19	70	5.8	0.16	0.6	1.1	B	MONARCH PEAK
14	15	9	35.3	36-55.6		121-40.4		11.5	1.8	26	81	1.3	0.11	0.4	0.5	A	WATSONVILLE EAST
14	18	9	30.8	36-34.5		121- 4.5		10.9	1.7	16	65	4.9	0.11	0.5	0.8	A	SAN BENITO
14	19	4	7.6	36-56.6		121-29.2		4.6	1.3	19	66	2.1	0.06	0.2	0.4	A	SAN FELIPE
14	20	38	50.1	37-15.5		121-37.3		4.6	1.5	26	90	4.5	0.08	0.2	0.2	A	ISABEL VALLEY
15	2	19	3.8	36-56.6		121-29.2		4.2	1.4	18	52	2.1	0.06	0.2	0.2	A	SAN FELIPE
15	2	41	15.5	36-31.6		121- 9.6		9.8	1.2	10	82	6.0	0.05	0.4	0.8	A	BICKMORE CANYON
15	4	25	52.5	38-49.2		122-47.9		0.5	1.1	6	132	9.4	0.04	1.6	2.6	B	THE GEYSERS

## CENTRAL CALIFORNIA EARTH QUAKES--1974 (CONTINUED)

1974	HR	MIN	SFC	LAT N	LONG W	DEPTH	SAG	NO	CAP	MTN	RMS	ERH	ER7	QUADRANGLE
DEC	15	6 14	15.9	36-40.2	121-18.1	2.3	1.7	12	94	2.6	0.09	0.5	0.5 B	PAICINES
	15	3 46	1.3	36-54.5	121-29.2	5.8	1.5	22	82	2.1	0.06	0.2	0.4 A	SAN FELIPE
	15	9 11	20.0	36-54.6	121-29.0	4.8	1.6	23	53	2.3	0.08	0.2	0.6 A	SAN FELIPE
	15	10 35	13.0	36-29.0	120-48.8	4.0	1.0	11	107	12.2	0.20	0.7	0.6 C	HERNANDEZ RESERVOIR
	15	10 47	13.5	36-57.5	121-37.2	4.4	2.2	50	42	3.2	0.12	0.2	0.2 A	CHITTENDEN
	15	12 30	27.3	36-53.6	121-29.8	3.1	1.4	18	61	2.8	0.08	0.3	0.2 A	SAN FELIPE
	15	13 42	31.5	36-14.7	121-14.7	6.4	1.4	10	81	14.6	0.06	0.3	1.5 B	THOMPSON CANYON
	15	15 34	7.6	36-54.2	121-28.9	3.9	1.6	24	52	2.8	0.09	0.2	0.3 A	SAN FELIPE
	16	2 16	16.5	36-34.0	121-11.6	5.1	2.4	17	57	1.0	0.10	0.4	0.6 A	RICKMORE CANYON
	16	3 34	44.6	36-33.2	121- 9.0	10.0	1.1	10	71	4.2	0.04	0.3	0.5 A	RICKMORE CANYON
	16	8 7	31.9	36-53.9	121-30.1	4.3	1.9	30	47	2.1	0.09	0.2	0.2 A	CHITTENDEN
	16	9 3	35.7	37-18.2	121-39.8	4.5	1.3	15	64	4.7	0.12	0.4	0.3 A	LICK OBSERVATORY
	16	12 10	38.3	37-18.3	121-39.3	8.2	1.6	23	76	4.3	0.10	0.3	0.8 A	LICK OBSERVATORY
	16	13 12	10.7	36-54.7	121-28.6	7.5	1.9	32	50	2.8	0.10	0.3	0.6 A	SAN FELIPE
	16	17 34	42.2	37-18.0	121-39.6	5.3	1.6	15	76	4.8	0.10	0.4	0.4 A	LICK OBSERVATORY
	16	20 26	58.3	37-18.2	121-39.6	4.4	2.0	35	57	4.5	0.09	0.2	0.1 A	LICK OBSERVATORY
	16	21 18	41.8	37-28.4	121-49.7	2.1	1.5	13	84	3.5	0.11	0.5	0.3 A	CALAVERAS RESERVOIR
	16	21 18	58.8	37-28.2	121-49.7	1.5	1.6	16	66	3.3	0.17	0.6	0.5 B	CALAVERAS RESERVOIR
	16	23 34	31.8	36-54.3	121-28.8	6.1	1.5	22	52	2.8	0.08	0.2	0.6 A	SAN FELIPE
	17	3 4	53.6	36-32.3	121- 9.9	7.8	1.3	15	76	4.6	0.07	0.3	0.7 A	RICKMORE CANYON
	17	6 11	2.8	37-27.9	121-49.9	1.7	1.8	20	66	3.2	0.21	0.7	0.6 B	CALAVERAS RESERVOIR
	17	6 53	12.2	36-54.7	121-29.1	4.8	1.8	29	53	2.1	0.08	0.2	0.2 A	SAN FELIPE
	17	8 40	18.6	36-39.8	121-19.1	4.0	2.0	26	60	4.0	0.13	0.4	0.4 A	PAICINES
	17	10 23	51.2	36-56.3	121-28.2	5.3	1.3	20	61	4.1	0.06	0.2	0.5 A	SAN FELIPE
	17	13 5	53.0	37-15.8	121-37.1	5.5	1.2	14	90	4.8	0.09	0.4	0.3 B	ISABEL VALLEY
	17	14 20	30.6	36-23.5	120-59.2	0.3	1.4	9	68	4.5	0.08	0.5	0.6 A	ROCK SPRING PEAK
	17	16 32	5.2	36-32.1	121- 9.6	6.1	1.8	21	62	5.2	0.10	0.3	0.9 A	RICKMORE CANYON
	17	17 4	3.4	36-54.8	121-28.8	4.1	1.3	20	54	2.6	0.09	0.3	0.3 A	SAN FELIPE
	17	19 13	44.9	36-56.2	121-28.2	5.6	1.7	24	60	4.0	0.06	0.2	0.5 A	SAN FELIPE
	18	1 31	42.1	36-54.2	121-29.1	5.6	1.5	22	58	2.5	0.06	0.2	0.5 A	SAN FELIPE
	18	10 1	14.7	37-52.1	121-45.9	15.8	2.0	28	158	7.1	0.12	0.7	0.8 B	TASSAJARA
	18	11 17	21.9	36-54.4	121-29.2	5.0	2.2	36	47	2.2	0.11	0.2	0.6 A	SAN FELIPE
	18	12 40	26.8	36-37.0	121-11.0	9.3	1.2	13	64	4.7	0.10	0.6	0.8 A	RICKMORE CANYON
	18	13 0	36.8	36-54.3	121-29.1	5.7	1.5	20	54	2.4	0.06	0.2	0.5 A	SAN FELIPE
	18	13 51	13.7	35-51.5	121-17.2	4.9	1.6	13	169	23.0	0.14	1.7	2.0 C	RURRO MTN
	19	0 41	14.0	37-30.8	121-48.1	0.8	1.3	10	69	6.1	0.19	0.8	0.8 B	LA COSTA VALLEY
	19	5 42	38.1	37-21.1	121-41.5	8.2	1.4	19	81	5.8	0.12	0.5	1.2 A	LICK OBSERVATORY
	19	6 7	38.0	37-21.1	121-41.4	7.6	1.6	31	81	5.9	0.13	0.4	1.0 A	LICK OBSERVATORY
	19	6 7	58.4	37-21.0	121-42.0	5.0	2.3	40	78	5.1	0.14	0.7	0.4 A	LICK OBSERVATORY
	19	6 8	51.2	37-21.2	121-41.7	2.1	1.5	29	81	5.6	0.10	0.3	0.7 A	LICK OBSERVATORY
	19	6 10	47.1	37-21.2	121-41.4	7.0	0.9	14	82	5.0	0.10	0.4	1.4 A	LICK OBSERVATORY
	19	6 11	52.4	37-21.3	121-41.7	8.6	1.5	19	81	5.5	0.11	0.4	0.9 A	LICK OBSERVATORY
	19	7 7	30.4	37-21.3	121-41.5	7.0	1.4	20	82	5.7	0.14	0.5	1.2 A	LICK OBSERVATORY
	19	7 13	1.4	36-32.4	121- 3.1	11.5	1.5	18	72	4.0	0.15	0.6	1.1 A	SAN RENITO
	19	9 10	46.3	37-21.4	121-41.3	8.6	1.6	24	131	6.0	0.11	0.4	1.0 B	LICK OBSERVATORY



## CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MM	SEC	LAT	N	LONG	W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
DEC	19	12	49	41.1	36-55.2	121-28.4		6.0	2.3	48	45	3.1	0.11	0.2	0.6	A	SAN FELIPE
	19	22	16	36.8	37-31.0	121-52.9		5.2	1.5	15	56	1.0	0.13	0.5	0.4	A	NILES
	19	23	29	0.8	36-40.0	120-49.7		0.6	1.9	13	95	3.3	0.12	1.9	2.7	B	MERCY MOUNT SPRINGS
	20	3	8	22.6	36-33.8	121-11.6		6.7	2.0	27	66	1.5	0.09	0.3	0.6	A	BICKMORE CANYON
	20	10	55	39.8	36-55.8	121-28.3		4.6	1.9	35	55	3.5	0.13	0.3	0.4	A	SAN FELIPE
	20	11	31	47.8	36-54.0	121-29.3		5.4	1.6	27	50	2.6	0.07	0.2	0.5	A	SAN FELIPE
	20	20	18	47.8	37-8.1	121-31.3		6.8	1.4	25	107	7.9	0.11	0.3	1.0	B	MT SIZER
	20	22	3	45.4	37-30.5	121-48.2		0.7	1.5	12	69	6.1	0.22	0.8	0.8	B	LA COSTA VALLEY
	20	22	43	49.3	36-37.6	121-16.5		5.7	1.4	15	54	3.3	0.09	0.4	0.6	A	PAICINES
	21	7	45	34.3	36-27.9	121-4.9		4.4	1.2	12	109	5.0	0.11	0.6	1.8	B	TOPO VALLEY
	21	10	11	48.4	36-58.0	121-28.7		4.3	2.2	44	40	4.2	0.12	0.2	0.2	A	WATSONVILLE EAST
	21	11	59	28.9	36-26.7	121-2.1		0.3	1.3	6	119	1.9	0.03	0.3	0.2	B	TOPO VALLEY
	21	16	1	20.9	36-27.7	121-4.9		6.1	1.5	21	63	5.5	0.11	0.4	1.0	A	TOPO VALLEY
	21	18	45	8.3	36-27.0	121-4.3		6.3	1.4	19	64	5.6	0.10	0.4	0.9	A	TOPO VALLEY
	21	18	56	24.9	37-22.9	121-43.6		5.9	1.1	11	83	3.6	0.10	0.5	0.6	A	MT DAY
	22	1	1	8.3	36-32.4	121-6.6		12.4	1.7	21	63	4.5	0.09	0.3	0.6	A	SAN BENITO
	22	2	26	58.7	35-46.5	121-16.4		7.2	1.9	16	193	15.0	0.08	0.5	0.6	C	BURRO MTN
	22	23	3	57.0	36-54.3	121-29.0		4.4	1.8	27	52	2.5	0.08	0.2	0.2	A	SAN FELIPE
	23	0	40	36.4	36-54.4	121-29.0		4.6	1.9	30	50	2.5	0.11	0.3	0.3	A	SAN FELIPE
	23	3	58	20.0	36-0.5	120-35.9		6.5	1.5	11	136	13.3	0.14	1.2	4.3	C	SMITH MTN
	23	14	44	43.5	36-23.0	121-0.1		5.5	1.3	15	65	4.8	0.09	0.4	1.0	A	TOPO VALLEY
	23	23	33	29.0	37-17.9	121-39.1		5.3	1.4	21	79	4.9	0.11	0.4	0.3	A	LICK OBSERVATORY
	24	3	26	53.8	36-54.5	121-28.9		4.8	1.4	27	53	8.9	0.08	0.2	0.4	A	SAN FELIPE
	24	5	15	15.1	37-18.5	121-39.8		3.4	1.4	21	65	5.8	0.08	0.2	0.2	B	LICK OBSERVATORY
	24	15	56	11.9	35-55.7	121-33.7		8.7	2.2	17	228	14.7	0.10	1.1	0.5	C	***OFFSHORE - CAPE SAN MARTIN***
	24	23	21	41.9	38-48.3	122-47.8		4.2	2.7	13	118	10.1	0.12	0.6	1.0	B	THE GEYSERS
	25	4	1	16.6	36-55.6	121-28.1		5.1	1.6	30	59	3.7	0.08	0.2	0.4	A	SAN FELIPE
	25	4	2	41.3	36-54.3	121-28.8		4.6	1.4	25	52	2.8	0.08	0.2	0.4	A	SAN FELIPE
	25	9	26	14.7	37-9.5	121-8.8		5.8	2.0	41	199	11.3	0.18	0.8	0.8	C	CREVISON PEAK
	25	15	34	37.1	37-21.2	121-45.3		5.8	1.2	11	70	0.7	0.07	0.4	0.3	A	SAN JOSE EAST
	25	22	22	0.9	36-54.6	121-28.8		5.4	1.7	21	92	2.6	0.08	0.3	0.7	B	SAN FELIPE
	25	22	56	26.7	36-54.6	121-28.5		6.1	1.3	26	49	3.0	0.08	0.2	0.6	A	SAN FELIPE
	26	2	47	52.3	36-33.0	121-8.6		6.0	1.3	14	72	4.9	0.08	0.4	0.8	A	BICKMORE CANYON
	26	5	27	38.0	36-32.5	121-3.0		11.8	1.4	19	72	4.2	0.10	0.4	0.6	A	SAN BENITO
	26	5	47	46.6	36-30.1	120-40.4		10.5	2.3	18	144	19.3	0.13	0.9	0.7	B	TUNEY HILLS
	26	10	43	29.7	36-31.2	121-8.9		9.9	1.5	18	57	6.6	0.07	0.3	0.5	A	BICKMORE CANYON
	26	13	56	11.7	36-54.6	121-28.9		7.2	2.5	61	45	2.4	0.13	0.2	0.5	A	SAN FELIPE
	26	23	40	37.0	36-55.5	121-28.2		4.7	1.4	27	59	3.5	0.09	0.2	0.4	A	SAN FELIPE
	27	2	49	47.4	37-16.3	122-20.5		10.3	2.0	21	160	7.8	0.10	0.5	0.6	B	LA MONDA
	27	7	45	1.4	36-54.3	121-28.9		5.2	2.0	31	50	2.7	0.08	0.2	0.3	A	SAN FELIPE
	28	13	39	30.3	36-53.8	121-15.2		4.7	1.4	30	90	5.1	0.13	0.4	0.4	B	THREE SISTERS
	28	23	0	34.9	38-27.4	122-40.1		8.8	1.5	12	79	8.0	0.11	0.5	1.2	A	SANTA ROSA
	28	23	8	6.5	36-55.9	121-27.9		6.6	2.0	38	46	4.1	0.09	0.2	0.6	A	SAN FELIPE
	29	9	51	46.0	37-55.3	122-17.5		5.6	2.9	43	64	6.1	0.14	0.3	0.3	B	RICHMOND
	30	4	47	21.5	35-31.2	121-7.2		9.6	1.2	15	68	4.1	0.10	0.5	0.8	A	SAN BENITO

CENTRAL CALIFORNIA EARTHQUAKES--1974 (CONTINUED)

1974	HR	MIN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	D MIN	RMS	EPH	ERZ	Q	QUADRANGLE
DEC	30	14	46	54.9	36-55.7	121-28.0	5.1	1.7	27	60	3.8	0.09	0.2	0.6 A	SAN FELIPE
	30	18	28	16.5	36-34.5	121-54.6	8.0	2.4	42	201	2.9	0.10	0.5	0.4 C	MONTEREY
	31	2	39	13.5	36-31.0	121-7.3	9.9	1.3	10	93	4.1	0.08	0.6	1.3 B	SAN RENITO
	31	3	3	30.6	36-31.3	121-7.1	10.0	1.9	20	61	4.1	0.09	0.3	0.6 A	SAN RENITO
	31	14	39	15.0	36-54.5	121-28.9	4.4	1.8	27	48	2.5	0.11	0.3	0.3 A	SAN FELIPE
	31	20	22	0.9	36-56.0	121-28.0	8.7	4.3	57	61	4.0	0.17	0.3	0.5 9	SAN FELIPE
	31	20	24	9.6	36-55.9	121-28.1	5.6	1.5	21	60	3.9	0.09	0.3	0.8 A	SAN FELIPE
	31	20	29	15.2	36-55.9	121-28.0	4.6	1.4	22	61	4.0	0.07	0.2	0.4 A	SAN FELIPE
	31	20	32	48.6	36-55.8	121-28.0	5.7	2.4	51	56	4.0	0.13	0.3	0.4 A	SAN FELIPE
	31	20	52	11.2	36-56.0	121-27.9	6.1	1.9	38	57	4.2	0.10	0.2	0.6 A	SAN FELIPE
	31	21	8	5.0	36-54.7	121-29.0	5.5	3.0	55	49	2.2	0.12	0.2	0.4 A	SAN FELIPE
	31	21	48	55.2	36-44.0	121-23.4	5.4	1.4	13	59	5.0	0.18	0.8	1.9 9	MT HARLAN
	31	22	3	13.5	36-55.8	121-28.0	5.6	2.1	37	56	9.9	0.11	0.2	0.5 B	SAN FELIPE