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DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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CATALOG OF EARTHQUAKES ALONG  
THE SAN ANDREAS FAULT SYSTEM IN CENTRAL CALIFORNIA  
JANUARY-MARCH 1972\*

by

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## 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, during the period January - March, 1972.

The motivation for these detailed studies has been described by Pakiser 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 (1972 b,c,d). The basic data contained in these catalogs provide a foundation for further studies.

This catalog contains data on 1,718 earthquakes in Central California. Of particular interest is a sequence of earthquakes in the Bear Valley area which contained single shocks with local magnitudes of 5.0 and 4.6. Earthquakes from this sequence make up roughly 66% of the total and are currently the subject of an interpretative study. Arrival times at 118 seismograph stations were used to locate the earthquakes listed in this catalog. Of these, 94 are telemetered stations operated by NCER. Readings from the remaining 24 stations were obtained through the courtesy of the Seismographic Stations, University of California, Berkeley (UCB); the Earthquake Mechanism Laboratory, National Oceanic and Atmospheric Administration,

San Francisco (EML); and the California Department of Water Resources, Sacramento.

The Seismographic Stations of the University of California, Berkeley, have for many years published a bulletin describing earthquakes in Northern California and the surrounding area, and 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 may be illustrated by block diagram (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 to the NCER office in Menlo Park, California. There the eight channels of data on each telephone line are separated and demodulated by discriminators (usually Develco, Model 6203), and recorded on 16 mm film using a Develocorder (Teledyne, Geotech, Model RF-400). Each Develocorder records seismic signals from up to 16 stations. In addition, 2 timing signals (WWVB on 2 traces, and a chronometer) are recorded simultaneously with the seismic signals.

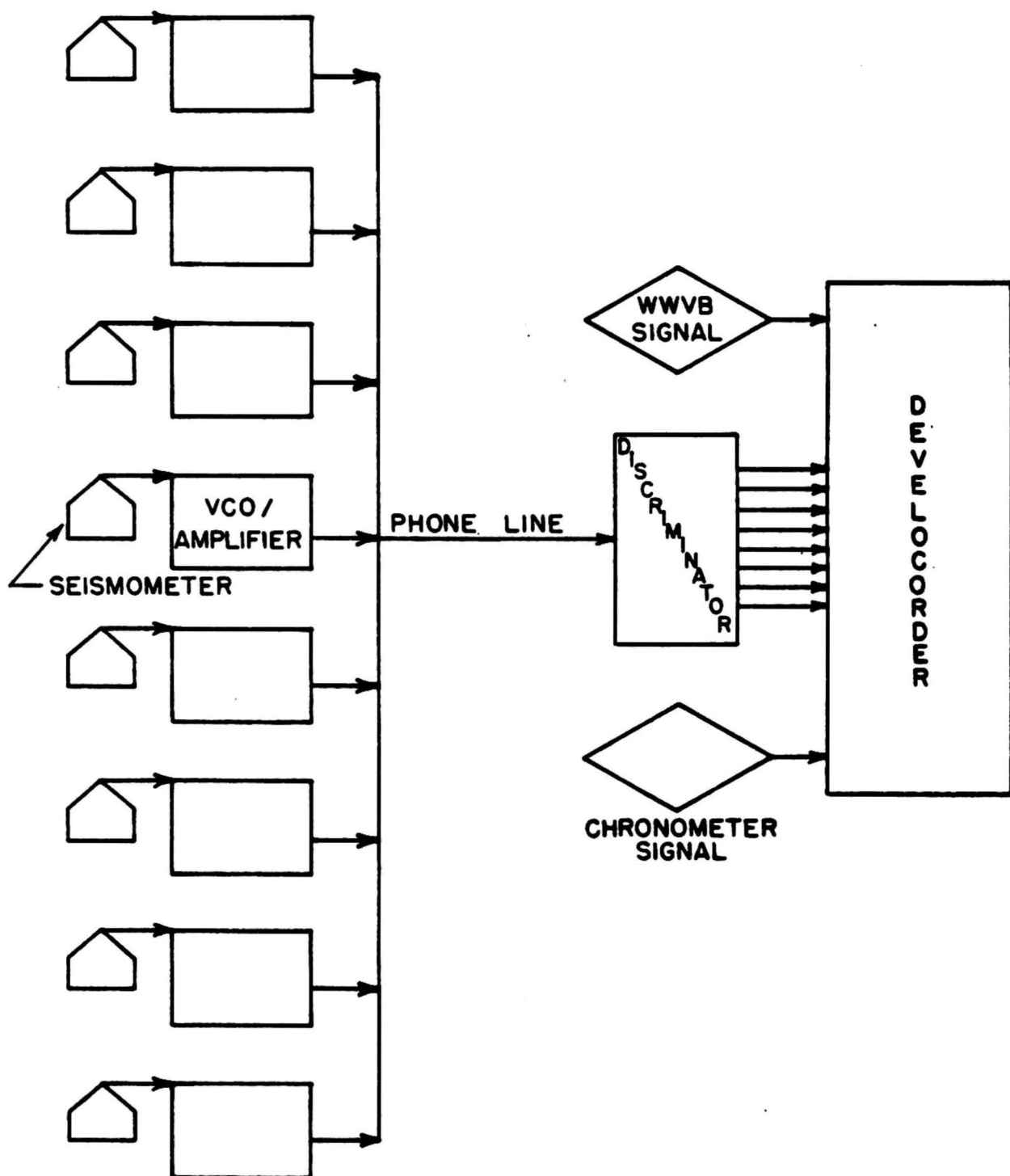


Figure 1. Block diagram of the NCER telemetered seismograph system.



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 about 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 14 stations which are located outside the map boundaries.

#### DATA PROCESSING AND ANALYSIS

The telemetered seismic data recorded on 16 mm film are processed manually to yield information on first P-arrivals, directions of first motions, maximum amplitudes, and signal durations. These data are then processed by computer to give origin time, hypocenter location, magnitude, and fault plane solution of the earthquakes using the HYP071 computer program (Lee and Lahr, 1972). Each roll of film contains about 24 hours recording and is 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 the routine data processing, local events with signal duration of 10 seconds or more are always timed. This corresponds to a cutoff at about magnitude 1 for events within the NCER network. Some smaller

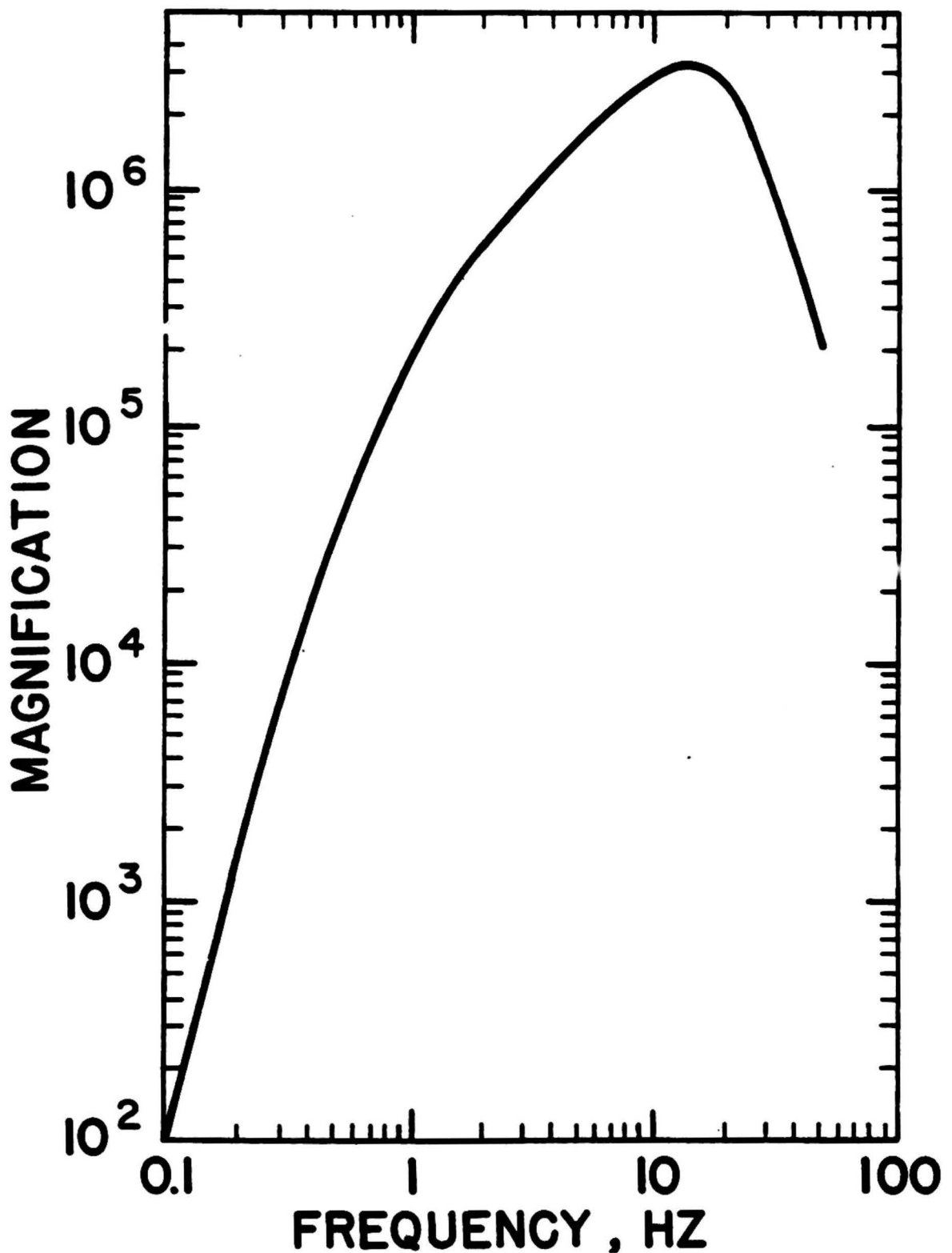


Figure 2. System response of a typical NCER telemetered seismograph station. This magnification curve is obtained for a typical system (L-4C seismometer, Develco VCO/Amplifier, Develco Discriminator, and Geotech Develocorder) with electronic gains adjusted to produce a 10 mm peak-to-peak record amplitude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

# TABLE 1. STATION DATA \*

TABLE 1A. NCER 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)
ALM	37- 9.50	121-50.82	244	1	1.6	1.8
AND	37- 9.74	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
ARN	37-20.96	121-31.96	628	1	3.9	4.2
BBR	36-15.65	122-32.99	137	1	2.2	2.2
BGR	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
BGM	37-20.52	122-20.34	158	2	3.8	3.8
BGM	36-35.48	121- 1.52	1217	1	(3.5)	(3.5) 3/3 TO 3/31
BOL	37-48.97	122- 3.72	610	1	4.6	5.0
BTW	36-18.90	120-55.75	381	2	2.1	2.1 1/27 TO 3/31
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
CBU	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
CUE	37-15.46	121-40.35	366	1	5.9	6.8
CYM	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
DOO	37-43.80	121-50.12	198	1	6.8	6.8
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
EKM	36-39.88	121-10.45	342	1	1.6	4.0
ENM	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
FAR	37-41.90	123- 0.00	107	2	1.3	1.3
FEL	36-59.00	121-24.09	323	1	(3.5)	(3.5)
FRP	36-45.22	121-29.43	705	2	2.2	0.8
GDM	35-49.86	120-21.17	433	1	3.3	3.4
GMS	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
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
JMC	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
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
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	(3.5)	(3.5)
MIX	38-24.68	122- 3.44	177	1	(3.5)	(3.5)
MNK	37-35.68	121-38.22	500	1	4.6	4.6
MUB	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
MUP	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
MWS	38-33.03	122-44.37	134	1	3.3	3.3
OCR	36-55.03	121-30.46	98	1	3.0	4.4
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
PES	37-11.94	122-20.90	84	2	3.2	2.5
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
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
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
RUS	37-54.75	121-54.33	331	1	4.8	4.8
SAL	37-34.56	122-25.40	335	2	2.2	2.2

TABLE 1A. NCER TELEMETERED STATIONS (CONTINUED)

CODE	LAT N	LONG W	ELV K	D(E)	D(W)	NOTE **
SAM	37-12.74	122-10.06	262	2	(3.5)	(3.5)
SBCC	34-56.48	120-10.32	610	2	(3.5)	(3.5)
SBOD	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)
SBLC	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)
SFT	37-24.31	122-10.55	143	1	4.0	4.0
SMG	36-24.83	121-15.22	192	2	0.5	0.1
SMR	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
SMR	38-22.92	120-58.17	503	2	(3.5)	(3.5) 1/01 TO 1/10
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
STJ	37-20.03	122- 5.48	122	1	6.1	4.1
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
TNN	38-23.15	122-40.83	105	1	2.7	2.7
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 THE FIRST QUARTER 1972.

TABLE 1B. STATIONS OPERATED BY OTHER INSTITUTIONS

CODE	LAT N	LONG W	ELV K	D(E)	D(W)
BRS	37-52.60	122-14.10	276	1	2.4
BRK	37-52.40	122-15.60	81	1	2.4
FMC	40-48.10	123-59.10	610	1	(3.5)
FRI	36-59.50	119-42.50	119	1	(3.5)
GCC	37- 1.80	121-59.80	122	2	1.7
JAS	37-56.80	120-26.30	457	1	(3.5)
LLA	36-37.00	120-56.60	475	1	1.5
MHC	37-20.50	121-38.50	1282	1	4.5
MIN	40-20.70	121-36.30	1495	1	(3.5)
ORV	39-33.33	121-30.00	362	1	(3.5)
PCC	37-30.00	122-22.90	91	2	3.7
PRI	38- 8.50	120-39.90	1187	1	4.0
PRS	36-19.90	121-22.20	363	2	1.1
SAD	36-45.90	121-26.70	350	2	2.7
SAC	37-34.95	122-25.03	207	2	2.2
SFR	37-47.28	122-23.37	8	1	1.9
SLD	37- 4.48	121-13.23	443	1	2.3
STC	36-38.10	121-14.00	759	2	5.5
HBM	39-24.10	120- 9.98	1804	1	(3.5)
CBC	36-55.88	121-39.63	219	2	4.4
CRC	37-14.50	122- 7.82	607	2	4.0
MCC	36-58.88	121-43.35	159	2	4.0
MOC	37-52.90	121-54.85	1173	1	4.8
OLC	38- 2.38	122-47.55	30	2	2.6

\* 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. 10) for explanation of K, D(E), and D(W).

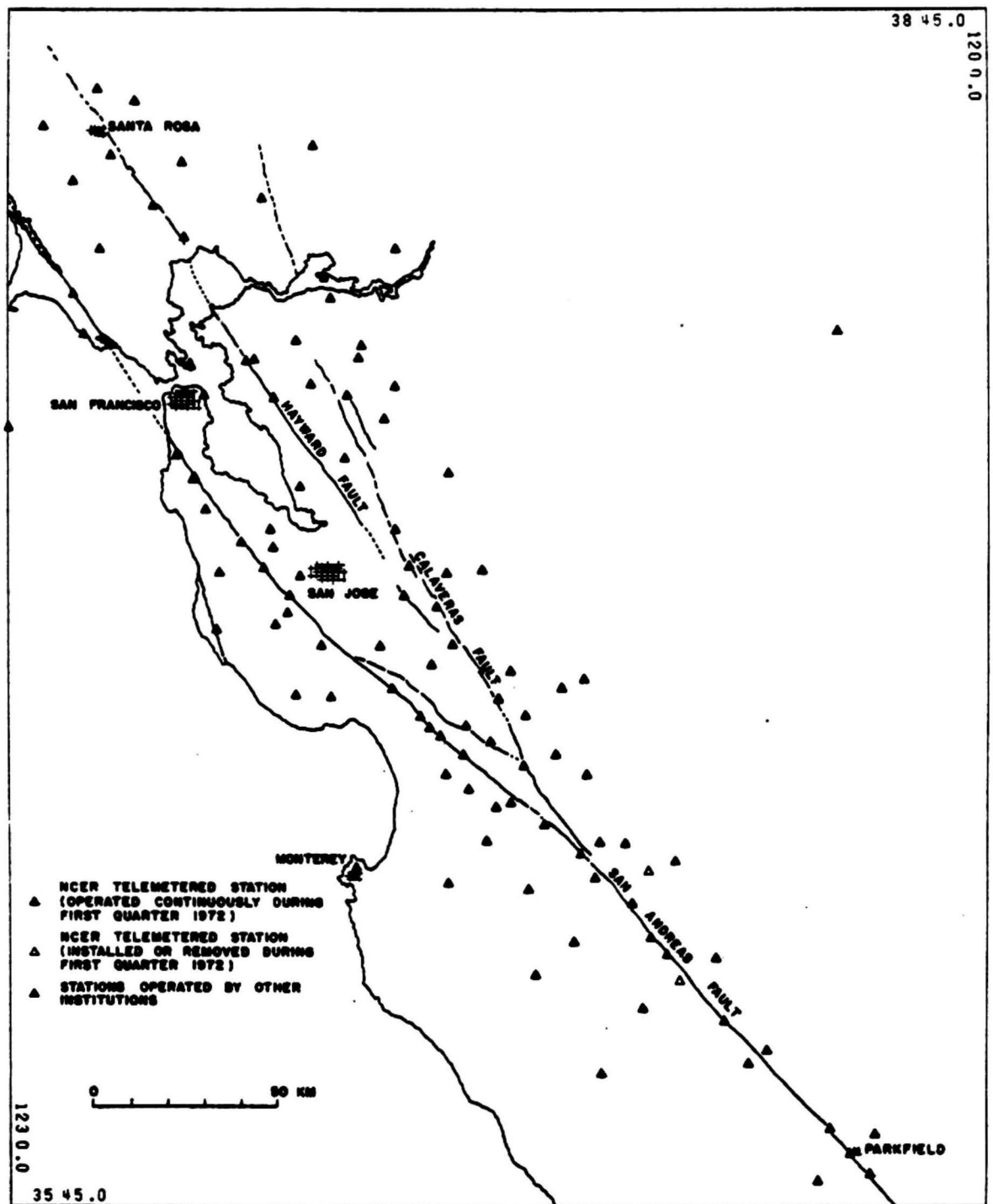


Figure 3. Map showing principal seismograph stations used in locating earthquakes.

events for which 6 clear first arrivals can be obtained are also timed. The magnitude cutoff for events outside, but near the NCER network, is somewhat larger than 1. The catalog of earthquakes reported here contains all hypocenter solutions obtained. Because the station coverage is not uniform and because some events outside the network are reported, the cutoff for small magnitudes is not uniform over the entire area reported.

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 assumption of a horizontal multilayer 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 (in preparation). 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 whenever they are available. The variable first layer in the crustal model is an approximation to the sedimentary layer above the Pg refractor. To permit 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 (1972d). 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:

$$M = -0.87 + 2.00 \log (\tau) + 0.0035 \Delta \quad [1]$$

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 magnitude greater than 3.5, we calculated the local magnitude following Richter (1942) using records obtained from the UCB Wood-Anderson seismographs at Berkeley and Mount Hamilton. The earthquakes for which the Richter magnitude has been determined from Wood-Anderson records are so indicated in the catalog.

A substantial effort has been made to identify explosions so as to eliminate them from the catalog. Explosions can be identified on the basis of several criteria: location at a known quarry or blasting site, shallow focal depth, time of day, focal mechanism or through correspondence with quarry operators. During the first quarter of 1972, 107 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), magnitude, and number of stations used in the location. In addition, five 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, and (5) standard error of the focal depth, ERZ. 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 through the San Francisco Bay region indicate that the true positions are 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. As suggested by known blasts, a general statement on the accuracy of our hypocenter solutions is as follows:



<u>Solution Quality</u>	<u>Approximate accuracy in</u>	
	<u>Epicenter</u>	<u>Focal Depth</u>
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 given 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 the first quarter of 1972. We feel that the hypocenters listed in 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 be less well located, 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 P-first-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 the variable-thickness surface layer, we suspect that the locations within certain parts of the area included in the boundaries of the network

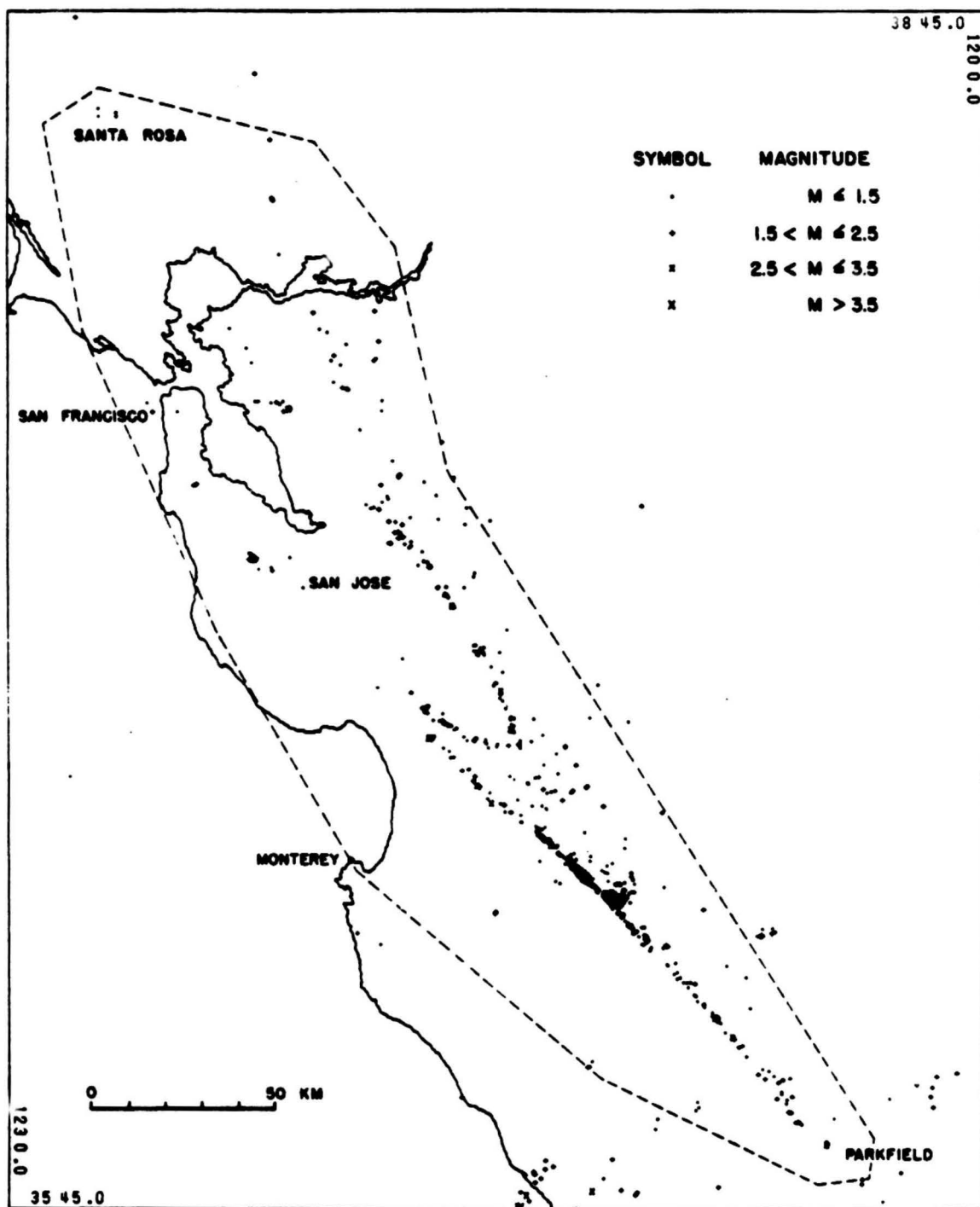


Figure 4. Map showing earthquake epicenters reported in the Appendix. Earthquakes in the region enclosed by the dashed line are generally well recorded and located.

may be systematically biased by as much as 2-3 km (Mayer-Rosa, in preparation).

Some of the earthquakes listed in this catalog are 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 be possible to accurately time and locate the later event(s). Sometimes, however, this is not possible. The largest earthquake of the Bear Valley sequence which occurred at 1556 G.M.T. on February 24 is an example. The main shock and two foreshocks occurred within a time span of 45 seconds.

Because of the size of the first and second foreshocks it was not possible, using routine methods, to locate the second foreshock or the main shock. These two events were located relative to the first foreshock using arrivals at more distant stations, on which the signal amplitude of the first foreshock was less. As noted in the catalog, this method does not generally yield as accurate a hypocenter as the routine method using nearby stations.

The contents of the Appendix, and the data set from which it was derived, may be obtained in forms amenable to computer input (punch cards or magnetic tape) by contacting the authors. Copies of Figure 4 at a scale of 1:500,000 are also available.

### ACKNOWLEDGMENTS

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APPENDIX: CATALOG OF EARTHQUAKES (January - March, 1972)

Earthquakes along the San Andreas fault system in central California for January - March, 1972 are listed chronologically in this Appendix. The following data are given for each event:

- (1) Origin time in Greenwich Civil Time (GCT): date, hour (HR), minute (MN), and second (SEC). To convert to Pacific Standard Time (PST) subtract eight 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 restricted.
- (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 stations 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:

$$RMS = \sqrt{\sum_1 R_1^2 / NO}$$

where  $R_1$  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	$\geq 6$	$\leq 90^\circ$	$\leq \text{DEPTH or } 5 \text{ km}$
B	$\geq 6$	$\leq 135^\circ$	$\leq 2 \times \text{DEPTH or } 10 \text{ km}$
C	$\geq 6$	$\leq 180^\circ$	$\leq 50 \text{ km}$
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° 37.5' and 38° 52.5' N. latitude and 120° 00.0' 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—FIRST QUARTER 1972

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
JAN	1	2	33	13.7	36- 2.7	120-36.9	2.0	1.5	7	157	11.8	0.14	1.8	0.9	C	SE 1/4 PRIEST VALLEY
	1	2	44	11.5	36-41.3	121-20.8	6.5	1.4	10	89	2.3	0.08	0.4	0.8	A	PAICINES
	1	9	51	49.8	36-41.4	121-21.1	5.7	2.5	23	60	2.3	0.13	0.4	0.6	A	PAICINES
	1	10	27	22.6	36-40.9	121-20.7	5.8	2.4	24	61	3.0	0.13	0.4	0.5	A	PAICINES
	1	11	1	6.0	36-41.4	121-21.4	5.5	0.7	10	70	2.3	0.10	0.5	1.0	A	PAICINES
	1	14	4	5.5	37-28.0	121-35.0	4.7	1.2	9	169	13.8	0.19	1.6	1.2	C	EYLAR MTN
	1	16	36	58.1	35-47.7	121- 3.4	11.8	1.7	7	255	33.6	0.05	0.8	0.6	C	BRYSAN
	1	20	49	4.0	36-41.1	121-21.1	4.7	1.0	11	81	2.7	0.09	0.5	1.0	A	PAICINES
	1	23	31	53.0	36-41.5	121-21.4	4.8	1.3	9	70	2.2	0.07	0.4	0.8	A	PAICINES
	1	23	59	42.4	36-40.8	121-20.3	5.0	1.3	11	89	3.3	0.08	0.4	0.9	A	PAICINES
	2	3	0	41.3	36-15.8	120-51.3	9.8	1.3	6	120	7.6	0.11	1.4	2.9	B	SE 1/4 HERNANDEZ VALLEY
	2	5	19	52.6	36-31.4	121- 6.5	11.1	1.5	14	61	3.3	0.12	0.6	1.2	A	SAN ARNITO
	2	10	47	10.4	36-48.0	121-15.1	5.6	2.3	26	95	5.1	0.12	0.5	1.6	B	TRES PINOS
	2	12	12	4.4	37-42.2	121-54.4	7.1	1.1	7	112	7.0	0.10	0.9	1.1	B	DUBLIN
	2	13	13	23.3	37-12.1	121-27.3	8.0	1.2	13	162	11.9	0.15	0.9	3.6	C	MISSISSIPPI CREEK
	2	13	45	36.3	36-47.7	121-15.5	1.8	0.9	7	92	6.0	0.09	0.6	0.5	B	TRES PINOS
	2	16	14	12.8	36-40.8	121-20.2	5.1	1.1	10	90	3.3	0.08	0.4	1.0	B	PAICINES
	2	20	22	54.3	36-45.2	121-19.9	11.4	1.1	10	142	5.0	0.07	0.5	0.9	B	TRES PINOS
	2	20	39	20.6	36-40.7	121-20.7	6.0	0.6	9	91	3.4	0.09	0.6	1.3	B	PAICINES
	2	22	17	28.9	36-29.6	121- 6.8	3.3	1.5	9	73	3.9	0.10	0.6	0.5	A	NE 1/4 GREENFIELD
	2	23	59	53.3	36-50.5	121-17.8	6.3	0.7	10	96	4.8	0.08	0.5	1.3	B	TRES PINOS
	3	0	22	50.2	36-41.4	121-21.4	5.6	1.3	10	72	2.4	0.09	0.5	0.9	A	PAICINES
	3	18	59.4	36-54.8	121-26.9	2.7	1.9	21	62	5.3	0.13	0.4	0.3	B	SAN FELIPE	
	3	12	0	47.0	36-45.3	121-20.1	11.7	1.1	9	82	5.2	0.07	0.5	1.1	A	TRES PINOS
	3	16	45	31.9	37-49.4	121-59.3	6.2	1.5	9	91	5.1	0.08	0.4	0.3	B	DIABLO
	4	6	58	17.0	36-40.9	121-20.3	4.4	1.3	11	89	3.1	0.09	0.4	0.5	A	PAICINES
	4	17	22	3.0	36- 9.5	120-44.7	14.3	1.8	7	140	5.9	0.10	1.3	0.7	C	NW 1/4 PRIEST VALLEY
	4	21	18	46.2	37-28.4	121-47.7	5.9	1.6	13	74	2.4	0.16	0.8	0.9	B	CALAVERAS RESERVOIR
	4	22	33	33.2	36-41.2	121-20.8	6.1	1.1	10	88	2.5	0.10	0.5	1.0	A	PAICINES
	4	23	17	29.0	36-40.3	121-19.9	4.7	2.4	21	63	4.3	0.12	0.4	1.1	A	PAICINES
	5	0	4	54.7	37- 9.5	121-31.4	7.1	1.1	12	122	8.9	0.14	0.7	2.1	B	MT SIZER
	5	1	22	50.5	36-56.4	121-20.6	5.6	0.9	9	114	6.9	0.10	0.7	2.0	B	THREE SISTERS
	5	5	55	16.2	36-29.3	121- 6.2	3.0	1.3	11	69	3.5	0.12	0.6	0.9	A	NE 1/4 GREENFIELD
	5	10	1	16.1	37-25.9	121-47.2	4.4	1.8	15	76	2.4	0.19	0.8	0.5	B	CALAVERAS RESERVOIR
	5	13	4	53.7	37-46.2	122-33.7	13.2	1.3	7	165	15.5	0.05	0.6	0.4	B	POINT BONITA
	6	4	53	14.9	36-41.5	121-21.5	5.1	1.1	11	70	2.4	0.13	0.6	1.2	A	PAICINES
	6	5	16	0.6	36-31.7	121- 9.2	5.7	1.4	7	87	6.1	0.06	0.5	1.3	B	RICKMORE CANYON
	6	6	23	20.4	36-46.5	121-17.1	7.8	2.0	22	82	9.1	0.10	0.3	1.2	B	TRES PINOS
	6	7	55	13.2	35-54.6	120-28.8	3.6	1.7	9	93	4.0	0.14	0.9	0.6	B	PARKFIELD
	6	7	55	15.4	35-54.8	120-28.8	3.4	2.6	8	121	6.9	0.14	1.0	0.7	B	PARKFIELD
	6	8	1	14.7	35-54.9	120-28.6	4.3	2.2	9	91	3.4	0.15	1.0	0.7	B	PARKFIELD
	6	16	35	36.6	36-25.8	122-11.2	5.3	1.7	6	196	11.5	0.13	2.9	15.0	D	CAPELL VALLEY
	7	6	8	3.8	36-59.7	121-42.4	8.8	1.2	14	82	2.1	0.08	0.5	0.8	A	WATSONVILLE EAST
	7	7	14	8.1	36-59.8	121-42.1	8.3	1.2	15	75	2.5	0.09	0.5	0.9	A	WATSONVILLE EAST
	7	17	42	48.1	36-24.9	121-50.3	8.7	1.0	10	220	21.9	0.07	1.5	0.9	C	MT CARMEL

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
JAN	7	22	34	0.3	36-40.7	121-20.7	6.2	1.5	13	87	3.4	0.09	0.4	0.9	A	PAICINES
	7	22	42	34.2	36-40.5	121-20.1	4.3	2.0	19	63	3.8	0.09	0.3	0.5	A	PAICINES
	7	23	6	24.7	36-29.2	121- 6.3	3.0	1.5	11	71	3.7	0.12	0.6	0.8	A	NE 1/4 GREENFIELD
	8	2	30	35.8	36-47.9	121-18.3	7.3	1.4	17	64	9.1	0.11	0.4	1.8	B	TRES PINOS
	8	4	42	4.6	38-29.7	122-39.7	14.5	1.2	8	101	5.5	0.11	1.2	1.0	B	SANTA ROSA
	8	13	32	56.0	36-40.8	121-20.7	5.8	1.3	12	87	3.3	0.11	0.5	1.1	A	PAICINES
	8	14	22	4.9	36-36.0	121- 9.8	11.1	0.9	7	100	3.6	0.08	0.8	1.7	B	BICKMORE CANYON
	8	19	36	12.8	36- 4.6	120-36.7	5.0	1.9	8	173	8.6	0.15	1.8	1.4	C	SE 1/4 PRIEST VALLEY
	8	19	36	36.3	36- 4.1	120-37.5	5.8	1.8	6	179	9.7	0.14	1.6	3.5	C	SE 1/4 PRIEST VALLEY
	9	0	35	25.6	36-39.7	121-18.0	4.0	0.5	8	125	6.5	0.18	1.2	1.1	B	PAICINES
	9	2	41	32.2	36-37.4	121-12.1	1.6	1.4	6	108	5.1	0.07	0.2	0.3	B	BICKMORE CANYON
	9	6	56	16.1	37-35.5	121-47.0	5.2	1.5	12	92	13.0	0.16	0.7	0.6	C	LA COSTA VALLEY
	9	7	18	7.6	36-42.4	121-21.7	3.5	0.7	9	76	1.7	0.08	0.5	0.4	A	PAICINES
	9	8	42	55.1	37-35.1	121-47.2	6.0	1.5	11	100	13.3	0.16	0.9	1.1	C	LA COSTA VALLEY
	9	8	50	44.6	37-28.4	121-49.0	5.2	1.9	19	69	2.9	0.17	0.6	0.5	A	CALAVERAS RESERVOIR
	9	10	52	9.4	36-13.4	120-48.8	6.3	1.1	7	124	1.9	0.15	1.5	2.4	B	MONARCH PEAK
	9	10	56	33.3	36-40.5	121-20.0	3.8	0.6	8	107	3.9	0.04	0.3	0.3	B	PAICINES
	9	13	5	42.6	37-35.1	121-47.3	6.4	2.1	23	88	13.4	0.17	0.6	0.7	C	LA COSTA VALLEY
	9	13	23	49.1	38-29.2	122-39.6	14.0	1.3	6	88	6.0	0.09	1.2	1.1	B	SANTA ROSA
	9	13	30	33.1	37-25.4	121-44.9	3.9	1.4	8	86	5.5	0.06	0.4	0.2	B	MT DAY
	9	16	47	34.7	36-58.1	121-38.7	5.2	1.1	14	70	4.7	0.08	0.3	0.3	A	WATSONVILLE EAST
	9	19	19	12.9	36-37.7	121-14.5	6.0	1.5	8	101	7.3	0.16	1.2	4.1	B	CHERRY PEAK
	9	22	46	27.5	36-35.7	121- 4.5	13.5	1.9	18	93	7.6	0.18	0.9	0.7	B	SAN BENITO
10	2	52	13.5	36-34.4	121- 8.7	9.3	0.8	7	114	3.9	0.11	1.0	2.2	B	BICKMORE CANYON	
10	3	13	14.7	37-35.2	121-47.2	6.4	2.2	27	89	13.3	0.17	0.6	0.7	C	LA COSTA VALLEY	
	10	6	14	51.5	37- 7.8	121-46.5	5.3	1.3	12	65	7.2	0.09	0.6	0.5	B	SANTA TERESA HILLS
	10	6	23	36.5	36-59.6	121-39.0	6.5	1.3	16	72	6.0	0.11	0.5	0.6	A	WATSONVILLE EAST
	10	6	31	23.6	37-15.5	121-37.1	4.6	1.5	15	91	4.8	0.08	0.3	0.3	B	ISABEL VALLEY
	10	9	59	28.2	36-49.6	121-25.9	9.2	0.7	11	68	3.9	0.08	0.5	1.4	A	HOLLISTER
	10	10	11	53.6	36-38.2	121-17.2	4.0	1.2	8	106	4.7	0.09	0.6	0.6	B	PAICINES
	10	19	14	1.0	36-16.3	120-52.3	4.6	1.2	7	110	9.4	0.18	1.4	7.0	C	SE 1/4 HERNANDEZ VALLE
	10	22	8	10.9	37-30.5	121-51.8	5.0	1.2	13	59	8.5	0.14	0.6	0.5	B	LA COSTA VALLEY
	11	16	41	26.9	36-32.2	121- 9.8	3.5	0.8	6	101	5.0	0.03	0.4	0.3	B	BICKMORE CANYON
	11	23	5	53.2	36-13.3	120-48.6	6.0	1.6	7	117	1.5	0.13	1.3	2.0	B	MONARCH PEAK
	12	3	12	39.6	36-31.6	121- 9.3	7.3	1.0	8	111	6.2	0.08	0.6	1.4	B	BICKMORE CANYON
	12	5	34	2.5	36- 4.8	120-35.3	2.1	1.4	6	190	9.7	0.10	2.1	1.1	C	SE 1/4 PRIEST VALLEY
	12	6	34	5.1	36-25.9	121- 1.9	0.1	1.4	7	133	1.5	0.15	1.2	1.0	B	NE 1/4 GREENFIELD
	12	6	34	21.7	36-26.2	121- 1.7	0.1	2.3	13	89	1.7	0.14	0.6	0.6	A	NE 1/4 GREENFIELD
	12	7	54	17.1	36-19.9	120-55.4	1.7	1.7	10	87	6.9	0.07	0.4	0.4	B	SW 1/4 HERNANDEZ VALLE
	12	15	33	26.0	36-10.9	120-45.9	9.4	3.0	23	130	4.5	0.19	0.9	0.9	B	MONARCH PEAK
	12	17	38	44.9	36-48.5	121-12.7	6.3	1.7	18	150	2.8	0.08	0.4	0.9	B	QUIEN SARE VALLEY
	12	18	8	44.0	36-41.3	121-21.4	5.3	2.2	17	70	2.6	0.12	0.4	0.6	A	PAICINES
	12	19	19	7.8	36-11.0	120-45.8	7.4	2.3	9	149	4.5	0.10	0.8	1.1	B	MONARCH PEAK
	13	6	39	41.7	37-54.4	122-15.4	3.5	1.2	15	191	3.8	0.12	0.9	0.4	C	RICHMOND
	13	7	0	20.9	36-41.0	121-20.8	5.1	1.2	11	89	2.8	0.10	0.5	1.0	A	PAICINES

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MIN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
JAN	13	8	25	38.7	36-52.9	121-37.6	6.5	0.9	16	125	3.2	0.13	0.6	0.7	B	WATSONVILLE EAST
	13	11	15	26.0	37-57.3	122- 1.9	1.2	1.1	7	135	7.4	0.29	1.8	1.9	C	WALNUT CREEK
	13	13	1	8.7	36-48.7	121-12.4	6.8	1.0	13	161	2.4	0.05	0.3	0.5	B	QUIFN SABE VALLEY
	13	15	18	6.9	36-41.8	121-21.5	4.6	1.1	10	72	1.9	0.09	0.5	0.9	A	PAICINES
	13	17	0	31.2	36-28.1	121- 5.1	6.0	1.0	7	119	4.6	0.03	0.3	0.5	B	NE 1/4 GREENFIELD
	13	21	29	51.5	35-49.6	120-22.2	4.7	1.9	7	193	1.7	0.07	0.9	0.5	C	CHOLAME VALLEY
	13	22	13	58.2	37- 0.4	121-27.5	3.6	0.7	8	68	3.1	0.13	0.9	1.4		GILROY HOT SPRINGS
	14	6	44	3.2	36-41.8	121-21.8	4.7	1.4	12	53	2.3	0.14	0.6	1.3	A	PAICINES
	14	16	10	8.6	36-41.2	121-21.3	5.0	1.0	9	75	2.7	0.12	0.7	1.3	A	PAICINES
	14	17	24	41.4	37-21.2	122-13.1	9.0	1.3	10	82	1.2	0.12	0.8	1.1	A	MINDEGO HILL
	14	21	38	14.8	36-54.4	121-38.8	8.2	0.9	7	143	5.6	0.05	0.6	1.2	B	WATSONVILLE EAST
	15	0	37	4.0	38- 8.5	122- 9.4	5.0	1.4	7	110	16.3	0.06	0.9	0.7	B	CORDELIA
	15	7	25	58.9	36-27.6	121- 2.5	9.7	0.6	7	128	4.4	0.05	0.5	0.9	B	NE 1/4 GREENFIELD
	15	11	4	35.4	35-27.3	119-58.0	4.8	2.6	6	238	54.5	0.07	4.7	2.0	D	***CARMILL PLAIN***
	15	14	1	19.0	36-31.8	121- 8.7	3.4	0.8	7	92	6.4	0.11	0.8	0.9	B	BICKMORE CANYON
	15	15	28	17.7	36-56.8	121-25.9	6.2	0.6	11	75	4.9	0.07	0.4	1.1	A	SAN FELIPE
	15	16	36	44.9	36-30.2	120-51.3	8.2	2.0	12	216	14.8	0.17	1.6	5.9	D	SE 1/4 PANOCHE VALLEY
	15	21	50	53.1	36-51.1	121-34.3	3.8	0.7	7	80	4.0	0.07	0.7	0.7	A	SAN JUAN BAUTISTA
	15	23	35	7.2	36-51.2	121-34.1	3.3	0.3	7	77	4.0	0.05	0.5	0.4	A	SAN JUAN BAUTISTA
16	2	3	0.9	36-57.9	121-38.3	4.3	0.8	7	154	4.9	0.10	1.0	1.0	B	WATSONVILLE EAST	
16	3	44	18.5	35-49.8	121- 9.5	10.4	1.2	9	293	28.2	0.15	7.7	1.4	D	BURNETT PEAK	
16	4	34	56.1	36-26.6	121- 3.9	5.0	0.6	6	142	4.8	0.08	1.5	4.8	C	NE 1/4 GREENFIELD	
17	5	46	18.8	36-54.5	121-16.5	4.7	1.2	17	151	3.9	0.13	0.6	0.7	B	THREE SISTERS	
17	11	19	56.8	38-30.4	122-43.0	6.0	1.2	7	103	5.0	0.09	1.4	4.6	B	MARK WEST SPRINGS	
17	13	58	3.6	36-40.7	121-19.3	3.7	1.5	11	92	3.8	0.11	0.6	0.6	B	PAICINES	
17	15	49	3.6	36- 3.8	120-12.1	9.2	1.7	7	275	19.0	0.13	4.4	4.3	D	AVENAL	
17	20	37	23.5	36-26.9	120-38.1	10.2	1.2	6	266	18.5	0.17	8.1	4.2	D	NW 1/4 NEW IDRIA	
17	20	46	52.9	35-60.0	120-52.6	11.4	1.5	11	168	18.5	0.09	0.7	0.8	B	HAMES VALLEY	
18	3	58	30.1	37-23.9	121-42.8	7.4	0.4	6	161	5.7	0.04	0.5	1.2	B	MT DAY	
18	4	40	29.5	36-25.8	121- 1.6	0.0	2.3	15	89	1.0	0.14	0.6	0.6	A	NE 1/4 GREENFIELD	
18	4	54	44.4	36-25.0	121- 2.1	6.9	1.6	12	87	1.8	0.11	0.7	1.0	A	NE 1/4 GREENFIELD	
18	5	29	46.3	36-25.8	121- 1.6	0.1	1.2	7	135	1.0	0.10	0.8	0.7	B	NE 1/4 GREENFIELD	
18	7	30	44.6	36-41.5	121-21.4	5.7	1.3	12	70	2.2	0.10	0.5	0.9	A	PAICINES	
18	13	22	5.8	36-57.3	121-26.7	4.7	3.4	48	71	5.0	0.21	0.4	0.4	B	SAN FELIPE	
18	13	31	7.5	36-57.2	121-26.4	4.7	3.1	41	72	4.9	0.18	0.4	0.4	B	SAN FELIPE	
18	22	17	48.9	36-34.4	121-18.3	11.7	0.8	9	84	8.4	0.10	0.8	1.8	A	MT JOHNSON	
19	0	44	39.9	36-46.0	121-28.4	3.5	0.7	7	158	2.2	0.15	1.5	1.9	C	HOLLISTER	
19	4	8	22.8	36-25.0	121- 2.6	6.6	1.3	8	115	2.4	0.09	0.8	1.2	B	NE 1/4 GREENFIELD	
19	8	31	20.3	36-56.9	121-26.6	2.2	0.7	7	141	5.3	0.09	0.6	0.4	B	SAN FELIPE	
19	10	52	57.1	36-34.8	121-12.3	4.1	1.3	7	87	1.5	0.06	0.5	0.7	A	BICKMORE CANYON	
19	16	55	4.2	36-27.6	121- 5.1	7.5	1.0	8	115	5.5	0.10	0.8	1.7	B	NE 1/4 GREENFIELD	
19	20	4	55.3	36-40.5	121-20.6	4.9	1.9	16	95	3.8	0.10	0.4	1.0	B	PAICINES	
19	21	18	21.7	35-58.7	120-59.6	12.6	1.2	9	194	19.7	0.09	0.9	0.7	C	HAMES VALLEY	
20	2	46	20.7	36-48.6	121-12.5	7.1	1.8	24	158	2.7	0.10	0.4	0.8	B	QUIEN SABE VALLEY	
20	3	9	21.6	36-18.9	120-52.7	11.4	2.1	15	98	4.5	0.08	0.4	0.3	B	SW 1/4 HERNANDEZ VALLEY	

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE	
JAN	20	3	45	42.8	36-21.8	120-57.7	12.5	1.7	15	105	6.0	0.14	0.7	0.9	B	SW 1/4 HERNANDEZ VALLEY
	20	6	40	23.1	35-38.3	120-56.5	9.1	2.2	8	274	43.7	0.12	3.3	2.1	D	LIME MTN
	20	13	50	38.1	36-40.4	121-19.2	3.4	1.3	8	122	4.4	0.07	0.5	0.5	B	PAICINES
	20	15	9	30.3	36-57.0	121-26.2	4.4	1.8	21	73	4.9	0.19	0.6	0.8	B	SAN FELIPE
	20	17	25	46.6	37- 3.4	121-51.0	10.1	1.1	8	261	3.7	0.06	2.2	2.1	C	LOMA PRIETA
	21	2	24	33.1	37-20.7	121-33.1	11.7	1.4	14	136	1.8	0.12	0.9	1.4	B	ISABEL VALLEY
	21	4	1	19.0	37- 8.9	121-32.7	5.8	1.3	15	112	7.2	0.10	0.4	0.6	B	MT SIZER
	21	6	56	33.3	36- 8.0	120-43.3	3.4	1.4	7	113	2.8	0.19	1.5	1.0	B	NW 1/4 PRIEST VALLEY
	21	9	52	54.7	37-34.3	121-42.5	4.5	1.3	9	165	6.8	0.09	0.6	0.5	B	MENDENHALL SPRINGS
	21	13	9	41.3	36-22.2	120-56.4	7.8	1.9	11	126	6.1	0.15	0.9	3.0	B	SW 1/4 HERNANDEZ VALLEY
	21	14	56	9.4	36-31.5	121- 6.0	10.8	0.9	8	122	2.8	0.06	0.5	0.9	B	SAN BENITO
	22	0	8	52.4	36-45.7	121-20.8	11.2	1.0	11	69	5.9	0.10	0.6	1.4	A	TRES PINOS
	22	9	10	28.6	35-58.2	120-34.3	2.6	1.9	10	128	9.2	0.12	0.9	0.5	B	STOCKDALE MTN
	22	13	5	6.6	36-54.7	121-16.5	6.6	2.4	34	150	4.2	0.14	0.5	0.9	B	THREE SISTERS
	23	0	24	57.7	37-59.8	122- 3.1	6.6	1.7	14	174	5.7	0.19	1.5	1.1	C	WALNUT CREEK
	23	2	12	14.5	36-26.1	120-40.8	11.7	1.6	10	208	14.2	0.16	2.6	2.0	D	NW 1/4 NEW IDRIA
	23	4	26	59.8	36-27.6	121- 2.0	10.4	1.1	9	130	4.1	0.09	0.7	1.1	B	NE 1/4 GREENFIELD
	23	8	53	33.0	37-25.0	121-46.1	4.5	1.4	12	185	4.7	0.10	0.7	0.3	C	CALAVERAS RESERVOIR
	23	12	31	26.3	36-31.4	121- 6.4	11.4	0.9	9	116	3.1	0.07	0.5	1.0	B	SAN BENITO
	23	12	31	41.1	37-20.1	121-33.4	5.4	1.1	11	202	2.6	0.15	1.3	0.8	C	ISABEL VALLEY
	23	13	20	20.1	37-26.1	121-46.4	5.9	1.9	31	144	2.9	0.16	0.5	0.6	C	CALAVERAS RESERVOIR
	23	15	4	8.2	36-55.4	121-22.7	7.3	1.2	20	95	7.0	0.11	0.4	1.1	B	SAN FELIPE
	24	6	59	15.7	36-25.5	121- 1.3	0.6	1.4	7	135	0.3	0.07	0.6	0.3	B	NE 1/4 GREENFIELD
	24	8	37	52.1	36-34.0	121- 6.6	10.1	1.9	17	63	7.0	0.13	0.6	1.0	A	SAN BENITO
	24	17	35	4.6	36-55.9	121-33.0	5.2	1.9	23	59	4.1	0.09	0.3	0.4	A	CHITTENDEN
	25	3	19	2.7	36-14.0	120-49.2	4.9	1.3	6	133	3.0	0.17	1.8	3.6	B	MONARCH PEAK
	25	4	6	32.8	36-21.7	120-47.0	5.3	1.5	8	224	3.4	0.11	1.9	0.7	C	SE 1/4 HERNANDEZ VALLEY
	25	7	16	22.2	37- 0.6	121-42.0	11.1	1.6	19	118	6.4	0.08	0.4	0.8	B	MT MADONNA
	25	10	56	51.5	36-19.2	120-53.5	5.2	0.8	6	95	8.8	0.08	0.8	0.9	B	SW 1/4 HERNANDEZ VALLEY
	25	12	22	23.5	37- 0.9	121-27.1	7.6	1.0	17	72	3.1	0.12	0.5	0.9	A	GILROY HOT SPRINGS
	25	16	30	18.5	37-18.5	121-40.0	4.3	1.7	23	61	4.3	0.13	0.4	0.3	A	LICK OBSERVATORY
	25	18	42	5.5	37- 4.2	121-29.1	6.8	0.7	10	194	4.5	0.14	1.5	1.9	C	GILROY HOT SPRINGS
	25	20	44	32.8	37-32.2	121-49.3	6.4	1.5	21	65	9.6	0.15	0.5	0.7	B	LA COSTA VALLEY
	25	22	47	30.7	36-41.7	121-21.5	4.4	1.3	9	71	2.1	0.05	0.3	0.3	A	PAICINES
	26	5	25	56.5	36-59.0	121-12.0	2.2	1.3	13	176	10.4	0.19	1.2	1.1	C	MARIPOSA PEAK
	26	6	56	4.2	36-35.6	122-14.0	10.3	1.7	6	239	25.4	0.11	2.6	1.9	D	LAKE BERRYESSA
	26	16	14	50.9	36-31.6	121- 6.2	13.0	1.9	15	71	3.1	0.10	0.5	0.6	A	SAN BENITO
	26	17	30	23.6	36-34.7	121-13.0	5.9	1.3	14	67	2.5	0.08	0.3	0.7	A	BICKMORE CANYON
	26	21	47	25.1	37-55.1	121-56.9	0.4	1.7	9	119	3.8	0.13	0.5	0.6	B	CLAYTON
	27	10	38	51.2	36-26.9	121- 4.1	6.2	1.5	12	125	5.3	0.11	0.6	1.3	B	NE 1/4 GREENFIELD
	27	11	28	55.2	37-46.3	122- 9.9	8.7	1.8	22	48	1.4	0.13	0.4	0.6	A	OAKLAND EAST
	27	12	45	54.9	35-55.3	120-28.8	4.3	1.2	7	93	2.8	0.10	0.6	0.5	B	PARKFIELD
	27	15	32	24.8	38-43.9	122-47.3	3.0	1.7	7	299	20.9	0.14	7.4	0.8	D	JIMTOWN
	28	5	8	29.4	35-48.8	120-22.4	5.1	2.1	8	228	2.6	0.08	1.0	0.5	C	CHOLAME VALLEY
	28	10	32	17.2	36-57.0	121-26.1	7.3	0.9	12	74	4.7	0.08	0.4	1.0	A	SAN FELIPE

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE		
JAN	28	13	43	56.5	36-32.8	121- 8.9	10.7	0.8	8	102	4.8	0.07	0.6	1.2	B	BICKMORE CANYON	
	28	14	58	51.7	36-19.1	120-54.2	1.7	1.1	6	93	2.4	0.09	0.8	0.6	B	SW 1/4 HERNANDEZ VALL	
	28	15	55	48.5	36-47.6	121-19.9	9.8	0.9	10	103	9.4	0.10	0.6	1.6	B	TRES PINOS	
	28	23	7	10.5	36-37.0	121-16.5	9.8	1.2	10	59	9.0	0.04	0.2	0.6	A	MT JOHNSON	
	29	3	53	20.3	36-33.6	121-11.2	3.6	1.3	11	84	1.6	0.07	0.3	0.3	A	BICKMORE CANYON	
	29	5	13	23.3	36-33.6	121-10.9	4.1	0.8	8	86	1.7	0.01	0.1	0.1	A	BICKMORE CANYON	
	29	5	55	7.0	37-40.4	121-39.1	2.5	1.8	9	204	8.7	0.14	1.3	0.9	C	ALTAMONT	
	29	11	38	23.9	37-21.7	121-41.5	8.9	0.6	9	139	4.9	0.08	0.6	1.2	B	LICK OBSERVATORY	
	29	15	42	38.0	37-21.6	121-41.2	8.4	0.6	7	139	6.1	0.06	0.5	1.5	B	LICK OBSERVATORY	
	29	15	43	14.2	37-21.7	121-41.3	8.5	0.2	7	141	6.1	0.07	0.6	1.7	B	LICK OBSERVATORY	
	29	15	45	30.5	37-21.6	121-41.5	8.3	1.8	26	133	5.8	0.10	0.4	0.9	B	LICK OBSERVATORY	
	29	15	46	9.5	37-21.6	121-41.2	8.1	1.6	22	133	6.1	0.12	0.5	1.1	B	LICK OBSERVATORY	
	29	15	47	35.2	37-21.5	121-41.6	8.8	1.8	25	132	5.6	0.12	0.5	1.0	B	LICK OBSERVATORY	
	29	15	58	30.8	36-31.5	121- 6.0	10.9	2.2	18	69	2.8	0.10	0.4	0.7	A	SAN BENITO	
	29	16	33	24.4	36-34.1	121-17.5	9.2	0.3	7	101	9.2	0.03	0.3	0.7	B	MT JOHNSON	
	29	19	5	7.6	36-58.0	121-26.4	6.4	1.0	15	65	3.9	0.12	0.5	1.2	A	SAN FELIPE	
	29	19	7	48.7	35-47.9	121-11.6	9.2	3.5	19	235	31.7	0.18	2.2	1.2	C	BURNETT PEAK	
	30	5	56	24.7	35-45.3	121-14.5	3.2	1.4	9	288	37.1	0.17	6.3	1.7	D	BURNETT PEAK	
	30	8	37	21.0	36-38.2	121-11.9	11.5	0.8	8	92	3.1	0.11	0.9	1.5	B	CHERRY PEAK	
	30	11	33	55.1	36-31.3	121- 6.6	10.4	0.5	7	108	3.3	0.08	0.8	1.7	B	SAN BENITO	
	30	12	15	37.3	36-31.5	121- 6.3	11.0	2.0	17	68	3.2	0.10	0.4	0.6	A	SAN BENITO	
	30	12	17	15.2	36-31.4	121- 6.7	10.6	1.0	9	109	3.6	0.07	0.5	1.0	B	SAN BENITO	
	30	12	42	5.2	37-52.3	122-14.5	8.3	1.4	18	92	1.7	0.12	0.5	1.0	B	OAKLAND EAST	
	30	15	5	40.9	37- 2.5	121-28.4	3.5	0.7	7	71	2.1	0.02	0.2	0.1	A	GILROY HOT SPRINGS	
	30	15	40	37.4	36-26.7	120-38.7	9.0	2.0	9	264	17.5	0.14	3.6	6.5	D	NW 1/4 NEW IDRIA	
	30	16	6	58.2	36-34.7	121-12.6	6.2	1.7	13	66	2.0	0.07	0.3	0.7	A	BICKMORE CANYON	
	31	9	22	39.6	36-33.4	121-10.9	4.2	1.4	10	85	2.3	0.09	0.5	0.9	A	BICKMORE CANYON	
	31	13	0	26.3	36-31.2	121- 6.6	10.9	1.0	7	106	3.3	0.07	0.8	1.5	B	SAN BENITO	
	31	14	2	19.4	36-32.1	121- 6.4	11.4	1.1	8	121	4.0	0.10	0.8	1.5	B	SAN BENITO	
	31	15	40	11.6	36-57.1	121-36.9	3.6	1.4	13	103	2.9	0.10	0.5	0.6	B	CHITTENDEN	
	FEB	31	18	7	29.4	36-35.7	121-12.7	1.6	1.6	13	73	2.9	0.11	0.4	0.5	A	BICKMORE CANYON
		1	7	59	6.5	36-40.8	121-20.2	4.9	1.7	16	63	3.4	0.09	0.3	0.8	A	PAICINES
1		11	48	36.3	36-32.3	121- 9.3	4.0	0.8	6	100	5.2	0.06	0.6	0.5	B	BICKMORE CANYON	
1		15	35	43.1	37-57.4	122-18.6	7.8	1.1	9	128	10.3	0.08	0.6	1.3	B	RICHMOND	
1		21	56	31.6	36-32.2	121- 6.3	11.8	1.3	10	122	3.9	0.08	0.6	1.0	B	SAN BENITO	
2		2	40	22.1	36-41.1	121-20.7	4.4	1.9	21	61	2.7	0.10	0.3	0.5	A	PAICINES	
2		2	42	45.6	37-25.1	121-48.5	2.6	1.6	14	70	3.7	0.17	0.7	0.5	B	CALAVERAS RESERVOIR	
2		3	0	50.7	36- 2.0	120-35.0	5.1	1.8	7	166	13.9	0.10	1.8	1.3	C	SE 1/4 PRIEST VALLEY	
2		3	8	27.8	36-50.0	121-21.3	7.6	0.7	8	70	7.0	0.07	0.5	1.6	A	TRES PINOS	
2		5	6	40.3	37-25.1	121-48.7	2.3	1.8	15	69	3.8	0.20	0.7	0.7	B	CALAVERAS RESERVOIR	
2		6	50	11.9	36-31.3	121- 6.8	11.7	0.5	6	135	3.6	0.07	1.0	2.0	B	SAN BENITO	
2		9	54	49.9	36-39.4	121- 5.6	2.6	0.9	5	200	0.7	0.01	0.6	0.3	C	PANDOCHE PASS	
2		14	18	21.2	36-42.6	121-21.9	2.9	0.5	9	81	2.0	0.06	0.4	0.3	A	PAICINES	
2		17	55	1.4	36-45.6	121- 9.5	8.4	2.0	24	173	9.5	0.09	0.4	0.7	P	QUIEN SABA VALLEY	
3		2	17	55.7	36-13.9	120-49.1	7.3	3.0	21	126	2.7	0.24	1.1	1.4	B	MONARCH PEAK	

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE	
FEB	3	7	43	4.8	36-48.0	121-18.4	7.3	1.4	17	63	7.1	0.08	0.3	1.3	B	TRES PINOS
	3	10	2	25.4	35-49.3	121-22.0	8.7	2.4	16	240	34.2	0.12	1.9	1.1	C	BURRO MTN
	3	10	3	43.9	35-52.6	121-20.1	13.6	2.2	11	232	27.4	0.08	1.2	0.6	C	ALDER PEAK
	3	13	4	33.6	37- 0.3	121-42.1	10.3	0.7	12	82	3.2	0.10	0.7	1.4	A	MT MADONNA
	3	14	37	46.1	35-57.8	120-33.2	2.9	1.3	6	150	7.5	0.09	1.3	0.8	C	STOCKDALE MTN
	3	14	59	36.9	35-34.3	120-49.3	3.3	1.8	10	275	38.9	0.16	3.1	1.8	D	***SW OF PASO ROBLES***
	3	15	37	39.0	36-40.9	121-20.7	5.2	1.6	15	61	3.1	0.10	0.4	0.9	A	PAICINES
	3	19	37	31.4	36-13.8	120-48.4	5.2	1.5	7	149	2.0	0.05	0.4	0.7	B	MONARCH PEAK
	4	0	54	4.9	36-14.0	120-48.6	5.9	1.8	10	140	2.5	0.16	1.1	1.6	C	MONARCH PEAK
	4	2	43	34.1	36-48.2	121-20.6	4.6	1.8	17	55	8.2	0.11	0.4	1.0	B	TRES PINOS
	4	3	30	20.8	38- 0.1	121-51.7	11.1	2.0	17	177	10.6	0.18	1.1	1.1	C	ANTIOCH NORTH
	4	3	54	6.4	36-32.0	121- 6.0	11.5	1.1	7	138	3.5	0.09	1.0	2.0	C	SAN BENITO
	4	4	6	48.1	36-40.5	121-20.1	3.5	0.8	8	105	3.9	0.04	0.3	0.3	B	PAICINES
	4	11	4	32.1	36-26.3	120-40.6	13.6	2.3	15	199	14.7	0.15	1.4	0.7	C	NW 1/4 NEW IDRIA
	4	12	19	24.9	37-15.7	121-37.2	4.5	1.7	22	90	4.7	0.11	0.4	0.3	A	ISABEL VALLEY
	5	1	46	58.9	37-52.9	121-51.4	9.3	0.6	6	200	5.5	0.10	5.0	8.6	D	ANTIOCH SOUTH
	5	1	47	31.6	37-35.0	121-36.9	6.7	0.6	8	197	2.3	0.08	0.9	0.4	C	CEDAR MTN
	5	3	1	35.3	37- 9.1	121-32.2	1.6	0.7	11	116	7.9	0.13	0.7	0.8	B	MT SIZER
	5	7	1	9.7	36-13.1	120-48.0	6.6	1.2	7	123	0.6	0.12	1.1	1.7	B	MONARCH PEAK
	5	11	42	50.8	36-57.8	121-37.4	1.6	0.9	15	73	3.6	0.11	0.4	0.3	A	CHITTENDEN
	5	18	22	48.6	36-40.9	121-20.9	6.0	1.4	14	60	3.0	0.12	0.5	1.1	A	PAICINES
	6	1	29	14.5	36-45.6	121- 9.7	5.9	1.4	13	171	9.3	0.08	0.6	1.9	B	QUIEN SABE VALLEY
	6	5	31	1.1	36-32.0	121- 8.0	9.8	0.9	6	131	5.7	0.08	0.9	1.9	B	RICKMORE CANYON
	6	7	15	40.2	36-31.9	121- 6.1	12.2	2.2	16	80	3.3	0.12	0.6	0.7	A	SAN BENITO
	6	7	29	44.8	36-31.3	121- 6.9	10.5	0.9	6	127	3.8	0.05	0.7	1.3	B	SAN BENITO
	6	7	45	8.7	36-31.3	121- 7.1	10.9	1.5	11	126	4.0	0.10	0.7	1.1	B	SAN BENITO
	6	7	54	48.8	36-42.2	121-20.8	1.6	1.5	12	96	0.7	0.14	0.9	0.9	B	PAICINES
	6	9	38	20.9	36- 0.9	120-36.1	2.2	1.6	8	150	13.9	0.11	1.0	0.7	C	SE 1/4 PRIEST VALLEY
	6	10	27	9.5	36-32.1	121- 6.1	13.1	1.1	6	163	3.7	0.11	1.8	3.4	C	SAN BENITO
	6	11	32	37.9	36-13.5	120-48.5	2.5	1.2	7	133	1.6	0.16	1.4	2.8	B	MONARCH PEAK
	6	14	1	28.9	36-26.6	121-54.5	12.2	1.1	7	264	17.5	0.07	1.7	1.1	C	SORERANES POINT
	6	17	52	13.7	36-48.7	121-32.8	6.5	3.4	32	47	2.9	0.13	0.3	0.3	A	SAN JUAN BAUTISTA
	6	18	38	53.3	36-37.4	121-21.2	8.3	0.9	9	102	9.2	0.16	1.1	3.1	B	MT JOHNSON
	6	19	5	6.6	36-46.7	121-30.7	10.0	0.1	7	163	3.4	0.06	0.8	0.9	B	SAN JUAN BAUTISTA
	6	20	25	32.0	37- 8.4	121-32.5	5.1	0.8	9	155	7.8	0.11	1.0	0.9	B	MT SIZER
	6	20	40	7.4	36-58.5	121-39.6	10.9	1.0	14	57	3.9	0.09	0.5	1.1	A	WATSONVILLE EAST
	7	10	18	59.4	37-22.9	122- 7.3	0.5	0.7	7	157	5.4	0.10	0.8	0.8	B	MOUNTAIN VIEW
	7	13	38	59.3	36-21.9	120-57.9	2.4	1.0	7	118	6.4	0.09	0.7	1.0	B	SW 1/4 HERNANDEZ VALLEY
	7	15	49	18.1	36-31.3	121- 6.6	10.1	1.1	7	131	3.4	0.06	0.7	1.0	B	SAN BENITO
	7	17	9	11.7	36-53.0	121-36.9	6.5	1.1	9	112	2.2	0.08	0.6	1.0	B	CHITTENDEN
	7	19	0	48.3	36-27.4	121- 4.5	3.8	1.6	11	113	6.0	0.10	0.6	0.7	B	NE 1/4 GREENFIELD
	7	20	49	27.3	37-15.8	121-37.4	4.7	3.1	42	88	4.4	0.15	0.4	0.3	A	ISABEL VALLEY
	7	20	52	36.9	37-15.5	121-36.9	5.5	1.0	11	105	5.1	0.09	0.5	0.4	B	ISABEL VALLEY
	8	3	50	33.7	37-24.5	121-45.3	4.7	0.9	12	82	5.4	0.13	0.6	0.4	B	CALAVERAS RESERVOIR
	8	11	55	33.4	37-15.6	121-37.1	5.5	0.8	10	103	4.9	0.08	0.4	0.3	B	ISABEL VALLEY



## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	OMIN	RMS	ERM	ERZ	Q	QUADRANGLE	
FEB.	8	19	8	22.8	36-27.4	121- 4.3	9.4	2.4	20	79	5.9	0.15	0.6	1.0	B	NE 1/4 GREENFIELD
	9	0	15	14.5	37- 8.9	121-32.2	2.7	1.1	12	115	7.9	0.13	0.6	0.5	B	MT SIZER
	9	1	40	52.4	37- 3.0	121-28.4	6.7	2.9	40	64	2.8	0.17	0.4	0.7	B	GILROY HOT SPRINGS
	9	3	30	14.8	37-29.0	121-45.0	3.9	0.5	7	89	5.6	0.16	1.7	1.1	B	CALAVERAS RESERVOIR
	9	8	17	20.6	36-49.9	121-22.0	6.7	0.7	8	109	4.4	0.04	0.3	0.9	B	TRES PINOS
	9	13	15	17.0	36-31.4	121- 6.8	11.6	1.2	10	132	3.7	0.06	0.4	0.7	B	SAN BENITO
	9	13	27	49.2	36-31.4	121- 6.9	10.7	0.9	10	131	3.9	0.09	0.5	1.0	B	SAN BENITO
	9	13	39	34.6	36-31.5	121- 6.4	11.0	1.7	12	77	3.4	0.10	0.6	0.7	A	SAN BENITO
	9	15	56	3.8	36-26.3	120-41.4	10.2	1.7	10	233	13.6	0.18	3.6	3.8	D	NW 1/4 NEW IDRIA
	9	21	14	22.5	36-27.3	120-40.4	10.1	1.6	8	235	15.8	0.12	4.2	4.3	D	NW 1/4 NEW IDRIA
	9	23	13	11.7	37- 3.9	121-10.5	1.9	1.5	18	204	4.2	0.24	1.3	0.7	C	PACHECO PASS
	9	23	36	5.8	36-31.7	121- 7.7	5.1	1.7	6	107	5.1	0.07	0.8	1.7	B	BICKMORE CANYON
	10	18	37	21.1	36- 1.5	120-36.0	4.9	1.4	10	140	14.2	0.15	2.4	1.4	C	SE 1/4 PRIEST VALLEY
	10	19	15	29.0	37-28.6	121-30.3	16.2	0.8	6	232	14.3	0.16	6.5	9.0	D	EYLAH MTN
	10	20	28	41.4	36-55.6	121-33.3	4.0	1.6	22	65	4.3	0.15	0.4	0.5	A	CHITTENDEN
	10	22	24	21.4	37- 3.8	121-29.7	6.6	0.6	8	85	4.3	0.10	0.7	1.4	A	GILROY HOT SPRINGS
	11	19	37	27.6	36-50.1	121-26.7	9.4	1.2	12	61	4.2	0.16	0.8	2.6	B	HOLLISTER
	11	19	49	38.7	36-32.0	121- 8.6	10.3	1.6	9	96	6.2	0.06	0.4	0.9	B	BICKMORE CANYON
	11	20	9	53.4	37-27.9	121-46.5	5.5	1.9	23	80	2.7	0.19	0.7	0.7	B	CALAVERAS RESERVOIR
	11	22	49	13.8	35-48.4	120-48.6	14.7	2.1	7	241	27.0	0.06	1.4	0.6	C	BRADLEY
	12	2	48	36.2	36-34.5	121-12.9	7.0	1.9	16	68	2.4	0.09	0.3	0.8	A	BICKMORE CANYON
	12	2	54	1.3	37-46.4	122-13.2	2.2	1.6	10	89	4.0	0.09	0.5	0.4	A	OAKLAND EAST
	12	4	10	21.6	37-46.4	122-13.8	1.6	0.9	7	176	4.9	0.14	1.6	1.0	C	OAKLAND EAST
	12	7	28	43.9	36-48.5	121-12.8	7.0	1.6	20	146	2.8	0.09	0.4	0.9	B	QUIEN SABE VALLEY
	12	16	18	42.1	36-27.0	121- 3.3	0.6	0.9	7	144	4.4	0.09	1.0	0.9	C	NE 1/4 GREENFIELD
	12	17	13	31.7	36- 3.4	120- 9.3	7.7	2.1	8	269	21.4	0.09	4.3	3.1	D	AVENAL
	12	18	25	11.7	36-41.0	121-20.9	5.6	2.2	25	60	2.9	0.13	0.4	0.6	A	PATINES
	13	4	44	26.4	36-54.6	121-29.1	5.2	0.6	11	82	2.2	0.08	0.4	0.8	A	SAN FELIPE
	13	7	13	13.4	37-45.5	122- 7.5	4.0	1.5	24	57	5.1	0.18	0.5	0.4	B	OAKLAND EAST
	13	7	45	19.1	37-45.3	122- 7.7	3.6	0.7	7	173	5.1	0.06	0.5	0.3	B	OAKLAND EAST
	13	10	23	21.3	37-45.5	122- 8.0	3.5	0.4	9	155	4.5	0.09	0.7	0.5	B	OAKLAND EAST
	13	15	18	45.4	37-45.3	122- 7.6	4.8	3.0	37	57	5.3	0.18	0.4	0.4	B	OAKLAND EAST
	13	15	23	40.1	37-45.4	122- 7.3	3.6	1.1	11	64	5.5	0.10	0.4	0.4	B	LAS TRAMPAS RIDGE
	13	15	42	7.6	37-32.4	121-40.2	5.5	0.7	8	125	6.8	0.05	0.3	0.4	B	MENDENHALL SPRINGS
	13	16	41	24.2	37- 5.8	121-28.0	6.9	0.2	8	158	1.7	0.08	0.7	1.0	B	GILROY HOT SPRINGS
	13	17	19	30.4	36-32.8	121- 9.4	9.1	0.9	6	96	4.2	0.01	0.1	0.3	B	BICKMORE CANYON
	13	20	10	51.1	36-16.0	120-51.0	7.6	1.4	7	126	7.5	0.11	1.0	2.5	B	SE 1/4 HERNANDEZ VALLEY
	13	23	20	1.8	36- 0.5	120-52.0	11.9	1.3	7	164	17.3	0.08	0.7	1.4	B	PANCHO RICO VALLEY
	14	0	5	3.5	37-17.3	121-38.9	4.9	0.9	9	115	4.0	0.11	0.9	0.7	B	LICK OBSERVATORY
	14	2	35	49.6	36-35.6	121-13.9	6.3	0.9	7	69	4.2	0.03	0.2	0.4	A	BICKMORE CANYON
	14	4	45	55.3	37-37.5	121-48.3	3.2	0.3	8	115	12.0	0.23	1.8	2.0	C	LIVERMORE
	14	5	2	24.0	36-31.4	121- 6.8	11.7	1.5	10	106	3.7	0.08	0.6	1.0	B	SAN BENITO
	14	5	3	59.1	36-31.4	121- 6.9	12.0	1.0	10	108	3.8	0.07	0.5	1.0	B	SAN BENITO
	14	5	18	59.4	36-31.3	121- 6.9	11.3	1.3	10	105	3.7	0.08	0.5	1.0	B	SAN BENITO
	14	5	59	35.8	36-31.3	121- 6.8	11.4	0.9	10	106	3.6	0.08	0.5	1.0	B	SAN BENITO



## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
FEB	14	7	45	0.2	36-54.4	121-24.8	8.8	0.3	7	76	5.6	0.07	0.6	1.7	A	SAN FELIPE
	14	9	20	30.1	36-31.5	121- 7.1	10.8	0.9	11	107	4.1	0.10	0.6	1.0	B	SAN BENITO
	14	10	2	29.2	36-24.9	120-58.0	13.6	2.5	18	132	4.8	0.13	0.7	0.5	A	NW 1/4 HERNANDEZ VALLEY
	14	10	6	41.7	36-41.2	121-20.6	2.8	1.2	11	89	2.5	0.11	0.6	0.5	A	PAICINES
	14	10	36	15.3	36-24.8	120-58.1	13.2	2.3	17	131	4.6	0.12	0.7	0.6	B	NW 1/4 HERNANDEZ VALLEY
	14	12	41	4.0	36-35.7	121- 9.3	9.1	0.5	6	107	3.8	0.06	0.7	1.4	A	BICKMORE CANYON
	14	16	51	5.3	36-35.6	121-13.8	7.2	1.2	7	106	4.2	0.02	0.2	0.4	B	BICKMORE CANYON
	14	18	46	52.4	36-27.9	121- 4.4	3.4	1.3	9	116	5.0	0.08	0.5	0.6	A	NE 1/4 GREENFIELD
	14	19	30	10.5	36-44.3	121-24.7	5.0	0.7	9	74	4.3	0.09	0.6	1.4	A	MT HARLAN
	14	19	43	15.3	36-31.0	121- 7.6	9.4	1.9	12	64	4.7	0.06	0.3	0.9	A	BICKMORE CANYON
	14	19	54	56.3	36-35.6	121- 8.8	8.0	1.0	7	114	4.3	0.20	1.8	3.8	B	BICKMORE CANYON
	14	21	1	35.9	36-31.4	121- 6.5	9.5	1.2	8	119	3.3	0.08	0.7	1.7	B	SAN BENITO
	14	21	10	48.1	36- 2.0	120- 9.7	9.6	1.9	9	268	19.5	0.18	7.7	5.6	D	AVENAL
	15	0	1	20.4	37- 2.7	121-44.9	13.3	1.5	19	79	5.5	0.09	0.4	0.4	A	MT MADONNA
	15	0	8	24.9	36-31.5	121- 6.7	12.4	1.9	10	113	3.6	0.09	0.6	1.0	A	SAN BENITO
	15	1	38	20.1	36-26.2	120-40.6	13.6	2.3	14	199	14.6	0.17	1.7	0.8	C	NW 1/4 NEW IDRIA
	15	1	57	32.3	36-36.0	121-13.9	4.9	1.3	8	70	4.0	0.03	0.2	0.4	A	BICKMORE CANYON
	15	5	20	39.2	36-35.6	121-14.1	7.2	2.2	21	65	4.6	0.11	0.4	0.9	A	BICKMORE CANYON
	15	6	29	54.5	36-35.7	121-13.9	5.1	1.3	9	66	4.3	0.05	0.3	0.8	A	BICKMORE CANYON
	15	8	56	32.9	36- 5.0	120- 8.5	5.1	2.6	13	193	24.4	0.15	1.4	0.8	C	AVENAL
	15	9	18	58.0	36-32.0	121- 7.8	11.1	1.0	7	107	5.5	0.06	0.6	1.4	B	BICKMORE CANYON
	15	20	12	50.6	35-58.2	120-33.8	2.7	1.8	8	139	8.6	0.08	0.7	0.5	B	STOCKDALE MTN
	16	1	39	3.6	36-33.0	121-10.4	5.4	1.2	9	88	3.1	0.05	0.3	0.7	A	BICKMORE CANYON
	16	3	12	20.8	36-29.6	121- 7.1	2.1	1.2	10	58	4.3	0.08	0.4	0.3	A	NE 1/4 GREENFIELD
	16	3	49	17.1	36-48.5	121-32.1	6.1	2.1	26	38	3.6	0.14	0.4	0.4	A	SAN JUAN BAUTISTA
	16	6	42	38.4	36-14.0	120-49.1	4.5	0.7	8	135	2.9	0.08	0.5	1.3	B	MONARCH PEAK
	16	21	1	16.6	37-21.0	122-10.6	9.3	1.8	19	51	2.5	0.16	0.7	1.1	B	MINDEGO HILL
	16	21	35	22.1	37-21.5	122-10.8	8.9	1.4	14	55	2.2	0.12	0.6	1.0	A	MINDEGO HILL
	17	3	58	25.3	37-30.2	121-50.9	5.3	2.0	28	60	7.1	0.16	0.5	0.5	B	LA COSTA VALLEY
	17	7	59	48.4	36- 6.6	121-12.0	9.8	1.6	10	214	4.0	0.09	1.6	1.9	C	COSIO KNOB
	17	9	34	51.5	36- 7.4	121-11.5	7.7	0.8	10	184	4.8	0.09	1.3	2.0	C	COSIO KNOB
	17	11	19	36.8	36-24.4	120-58.6	11.9	1.4	12	125	4.1	0.13	0.9	1.4	A	NW 1/4 HERNANDEZ VALLEY
	17	11	20	18.4	36-24.7	120-57.7	12.8	0.9	9	143	5.2	0.09	0.8	1.2	B	NW 1/4 HERNANDEZ VALLEY
	18	0	7	26.6	37-25.2	121-48.7	3.0	1.5	12	69	3.6	0.18	0.7	0.5	B	CALAVERAS RESERVOIR
	18	5	55	3.5	36-46.1	121-30.1	7.8	3.5	41	54	1.8	0.19	0.5	0.8	B	SAN JUAN BAUTISTA
	18	12	3	32.9	35-58.7	120-27.4	4.3	1.6	6	175	4.1	0.08	1.1	0.6	C	PARKFIELD
	18	12	29	21.3	36-17.2	120-52.7	0.3	1.2	8	107	5.6	0.14	0.9	1.3	B	SW 1/4 HERNANDEZ VALLEY
	18	12	33	45.3	36-17.3	120-52.8	0.2	1.2	8	106	5.3	0.19	1.2	1.6	B	SW 1/4 HERNANDEZ VALLEY
	18	16	47	29.0	36-44.7	121-26.5	4.8	1.8	15	73	4.5	0.12	0.5	0.7	A	MT HARLAN
	18	17	27	14.1	35-47.3	121- 3.7	12.6	1.5	7	257	34.2	0.05	1.1	0.5	C	ARYSON
	18	20	58	12.6	36-38.7	121-17.8	5.8	2.4	27	59	5.8	0.11	0.3	0.5	B	PAICINES
	18	21	25	10.7	35-59.7	120-35.7	1.6	2.0	8	143	12.2	0.08	0.8	0.7	B	STOCKDALE MTN
	19	5	2	43.9	36-29.3	121- 6.1	2.1	0.3	6	105	3.4	0.09	0.7	0.5	B	NE 1/4 GREENFIELD
	19	5	21	59.7	37-48.5	121-57.7	5.8	1.8	17	68	2.5	0.11	0.4	0.3	A	DIABLO
	19	7	0	18.1	36-53.9	121-37.8	8.1	0.7	8	126	3.7	0.08	0.8	1.4	B	WATSONVILLE EAST

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
FEB	19	14	17	17.5	36-55.4	121-33.1	2.3	1.5	12	95	4.0	0.12	0.5	0.3	R	CHITTENDEN
	19	17	32	33.7	37-30.3	121-52.4	1.9	1.6	13	92	8.9	0.17	0.8	0.7	R	LA COSTA VALLEY
	20	3	41	38.6	36-26.6	121- 4.3	5.2	1.0	8	121	5.2	0.08	0.7	1.5	R	NE 1/4 GREENFIELD
	21	8	31	58.7	36- 5.5	120- 4.8	10.2	1.9	7	285	29.3	0.14	11.7	7.7	D	LA CIMA
	21	13	13	55.6	36-57.9	121-38.1	5.2	1.7	24	46	4.7	0.07	0.2	0.3	A	WATSONVILLE EAST
	21	16	48	30.0	36-29.6	121- 7.1	2.1	0.8	7	103	4.3	0.07	0.5	0.4	R	NE 1/4 GREENFIELD
	22	2	47	1.1	36-58.8	121-22.3	4.9	1.6	21	97	2.7	0.10	0.3	0.9	R	THREE SISTERS
	22	5	27	12.7	36-32.1	121- 8.6	4.6	3.4A	33	57	6.1	0.16	0.4	0.6	B	BICKMORE CANYON
	22	5	28	58.9	36-31.5	121- 7.9	6.0	2.7	15	114	5.3	0.17	0.9	2.0	B	BICKMORE CANYON
	22	5	30	24.5	36-31.7	121- 7.6	4.6	0.6	6	107	5.0	0.05	0.5	1.5	R	BICKMORE CANYON
	22	5	30	31.4	36-31.7	121- 7.4	4.1	0.5	6	107	4.8	0.07	0.8	2.0	R	SAN BENITO
	22	5	30	46.6	36-32.1	121- 8.3	4.7	1.9	16	56	6.3	0.17	0.6	2.1	B	BICKMORE CANYON
	22	5	31	9.6	36-31.5	121- 7.7	4.9	1.9	11	112	5.0	0.14	0.8	2.1	B	BICKMORE CANYON
	22	5	32	50.7	36-31.7	121- 7.6	4.5	1.1	7	107	5.1	0.07	0.6	1.7	R	BICKMORE CANYON
	22	5	33	13.9	36-31.8	121- 7.6	4.6	1.0	6	106	5.1	0.08	0.8	2.3	B	BICKMORE CANYON
	22	5	36	51.1	36-32.1	121- 8.5	3.8	1.8	10	98	6.1	0.15	0.9	0.8	R	BICKMORE CANYON
	22	5	37	32.1	36-31.7	121- 7.9	4.6	1.2	8	108	5.4	0.08	0.6	1.6	R	BICKMORE CANYON
	22	5	41	49.9	36-31.7	121- 7.7	4.8	0.7	6	108	5.1	0.09	1.0	2.3	B	BICKMORE CANYON
	22	5	41	58.3	36-32.0	121- 8.0	4.6	3.5A	34	55	5.9	0.17	0.5	0.6	B	BICKMORE CANYON
	22	5	44	36.3	36-31.7	121- 7.6	4.1	0.9	6	109	5.1	0.07	0.7	2.3	B	BICKMORE CANYON
	22	5	45	2.9	36-31.7	121- 7.7	5.5	1.3	8	108	5.2	0.08	0.7	1.6	R	BICKMORE CANYON
	22	5	47	9.3	36-31.4	121- 8.0	5.3	0.7	7	115	5.4	0.06	0.6	1.3	B	BICKMORE CANYON
	22	5	49	59.6	36-32.4	121- 9.7	7.3	0.6	6	98	4.7	0.08	0.9	1.8	R	BICKMORE CANYON
	22	5	50	14.1	36-31.3	121- 7.7	4.7	1.2	8	117	4.9	0.09	0.8	1.9	B	BICKMORE CANYON
	22	5	54	35.6	36-31.4	121- 7.5	4.5	1.1	7	114	4.8	0.09	0.8	2.3	B	BICKMORE CANYON
	22	5	56	43.2	36-31.6	121- 7.8	4.9	1.6	8	110	5.2	0.08	0.6	1.5	B	BICKMORE CANYON
	22	5	58	29.4	36-31.8	121- 7.9	4.9	1.2	6	107	5.5	0.05	0.5	1.2	R	BICKMORE CANYON
	22	6	0	31.2	36-31.6	121- 7.7	4.0	1.3	7	109	5.1	0.07	0.6	0.6	R	BICKMORE CANYON
	22	6	1	42.5	36-32.2	121- 8.4	4.3	2.3	19	56	6.0	0.18	0.6	0.9	B	BICKMORE CANYON
	22	6	3	10.1	36-31.8	121- 7.4	4.5	1.0	6	107	4.9	0.07	0.7	1.9	B	SAN BENITO
	22	6	5	55.8	36-31.9	121- 8.1	5.1	0.7	7	106	5.8	0.06	0.5	1.3	B	BICKMORE CANYON
	22	6	24	40.5	36-31.6	121- 7.7	4.9	0.6	6	111	5.0	0.05	0.6	1.4	R	BICKMORE CANYON
	22	6	30	36.2	36-32.1	121- 7.4	4.8	0.8	6	114	5.1	0.06	0.6	1.6	B	SAN BENITO
	22	6	35	44.6	36-31.7	121- 7.7	4.7	0.8	7	108	5.2	0.08	0.7	2.0	B	BICKMORE CANYON
	22	6	36	51.7	36-31.5	121- 7.8	3.7	1.7	12	84	5.1	0.10	0.5	0.5	B	BICKMORE CANYON
	22	6	45	50.4	36-32.0	121- 7.6	5.2	0.9	6	108	5.2	0.07	0.7	1.8	B	BICKMORE CANYON
	22	6	47	57.9	36-31.5	121- 7.7	5.0	1.2	6	112	5.0	0.08	0.8	2.1	B	BICKMORE CANYON
	22	6	54	55.7	36-31.9	121- 8.0	6.7	2.1	13	104	5.8	0.14	0.8	1.8	R	BICKMORE CANYON
	22	6	56	17.2	36-31.6	121- 7.4	3.9	0.5	6	110	4.7	0.06	0.6	0.7	R	SAN BENITO
	22	6	56	33.4	36-32.0	121- 7.6	5.5	1.2	7	108	5.2	0.08	0.7	1.6	B	BICKMORE CANYON
	22	7	4	59.7	36-31.8	121- 7.6	4.7	0.5	6	105	5.2	0.05	0.6	1.5	B	BICKMORE CANYON
	22	7	14	21.8	36-31.5	121- 7.4	5.1	1.3	6	113	4.6	0.09	1.1	2.6	R	SAN BENITO
	22	7	20	8.6	36-31.7	121- 7.5	5.1	0.7	6	108	4.9	0.06	0.7	1.8	B	BICKMORE CANYON
	22	7	22	46.9	36-31.6	121- 7.6	4.5	0.6	6	111	4.9	0.09	0.9	2.4	B	BICKMORE CANYON
	22	7	28	18.0	36-32.4	121- 8.4	4.5	1.6	10	105	5.9	0.14	0.7	2.0	B	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ER2	Q	QUADRANGLE
FEB	22	7	31	55.3	36-32.0	121- 7.3	13.1	1.2	6	112	4.8	0.03	0.6	1.3 B	SAN BENITO
	22	7	32	45.9	36-31.8	121- 7.5	4.7	0.9	6	107	5.0	0.07	0.7	1.9 B	BICKMORE CANYON
	22	8	2	2.3	36-31.4	121- 7.4	5.5	1.2	7	113	4.6	0.09	0.9	2.1 B	SAN BENITO
	22	8	3	45.8	36-31.4	121- 7.9	5.0	1.7	10	115	5.3	0.10	0.7	1.7 B	BICKMORE CANYON
	22	8	11	5.0	36-32.6	121- 8.4	4.9	2.5	16	75	5.6	0.17	0.7	1.9 B	BICKMORE CANYON
	22	8	13	33.5	36-31.9	121- 7.6	4.7	0.6	6	106	5.2	0.07	0.7	1.9 B	BICKMORE CANYON
	22	8	14	32.8	36-32.1	121- 7.5	5.1	0.7	6	112	5.2	0.03	0.3	0.8 B	SAN BENITO
	22	8	18	15.6	36-32.0	121- 7.7	4.7	1.2	7	107	5.5	0.05	0.4	1.0 B	BICKMORE CANYON
	22	8	18	58.6	36-31.9	121- 7.5	5.3	0.6	6	108	5.0	0.07	0.8	2.0 B	BICKMORE CANYON
	22	8	22	6.6	36-32.0	121- 7.8	4.7	1.2	8	106	5.5	0.08	0.6	1.6 B	BICKMORE CANYON
	22	8	23	7.3	36-31.6	121- 7.6	4.5	1.0	6	111	4.9	0.06	0.6	1.8 B	BICKMORE CANYON
	22	8	31	16.1	36-31.5	121- 7.4	3.9	0.5	6	112	4.7	0.08	0.8	0.7 B	SAN BENITO
	22	8	38	8.9	36-31.3	121- 8.1	2.8	1.8	9	117	5.5	0.11	0.7	0.7 B	BICKMORE CANYON
	22	9	8	58.3	36-31.4	121- 7.7	4.9	1.1	7	116	5.0	0.08	0.8	1.9 B	BICKMORE CANYON
	22	9	10	33.5	36-31.6	121- 7.8	4.2	1.0	6	112	5.1	0.06	0.6	1.9 B	BICKMORE CANYON
	22	9	14	43.2	36-31.9	121- 7.6	4.2	0.6	6	107	5.1	0.06	0.6	1.7 B	BICKMORE CANYON
	22	9	19	51.6	36-31.5	121- 7.7	4.8	1.4	8	113	5.1	0.07	0.5	1.4 B	BICKMORE CANYON
	22	9	21	3.3	36-31.8	121- 7.6	4.6	0.7	6	106	5.1	0.09	0.9	2.5 B	BICKMORE CANYON
	22	9	21	13.6	36-31.6	121- 7.9	4.5	1.8	11	83	5.4	0.15	0.8	2.4 B	BICKMORE CANYON
	22	9	24	17.6	36-31.8	121- 7.7	4.5	0.7	6	107	5.3	0.09	1.0	2.5 B	BICKMORE CANYON
	22	9	24	18.5	36-31.6	121- 7.8	4.9	2.0	12	83	5.2	0.12	0.6	1.8 B	BICKMORE CANYON
	22	9	46	39.3	36-31.6	121- 7.3	4.3	0.6	6	108	4.5	0.07	0.8	2.1 B	SAN BENITO
	22	10	8	36.1	36-31.9	121- 7.5	2.4	0.6	6	107	5.1	0.11	1.2	1.1 B	BICKMORE CANYON
	22	10	11	0.9	36-31.6	121- 7.3	4.0	0.5	6	109	4.5	0.08	0.8	0.7 B	SAN BENITO
	22	10	38	13.8	36-31.8	121- 7.5	4.3	1.0	6	106	4.9	0.09	0.9	2.5 B	SAN BENITO
	22	10	41	42.6	36-31.8	121- 7.4	4.0	0.6	6	106	4.8	0.07	0.7	0.7 B	SAN BENITO
	22	10	55	10.0	36-31.8	121- 7.7	5.3	0.8	6	107	5.2	0.07	0.8	2.0 B	BICKMORE CANYON
	22	11	37	44.7	37-51.9	121-58.0	2.5	1.3	11	108	5.0	0.15	0.6	0.6 B	DIABLO
	22	11	49	44.7	36-31.4	121- 8.1	2.8	0.6	6	115	5.5	0.09	0.9	0.9 B	BICKMORE CANYON
	22	11	55	21.2	36-32.0	121- 7.6	4.5	0.6	6	108	5.3	0.07	0.7	1.8 B	BICKMORE CANYON
	22	12	17	34.4	36-31.5	121- 7.4	4.4	1.0	6	113	4.6	0.07	0.7	2.1 B	SAN BENITO
	22	12	36	11.0	36-31.5	121- 7.5	4.9	1.4	7	113	4.8	0.09	0.9	2.2 B	BICKMORE CANYON
	22	12	47	34.7	36-31.8	121- 7.6	4.1	1.0	6	105	5.2	0.07	0.7	2.2 B	BICKMORE CANYON
	22	13	2	3.8	36-31.6	121- 7.6	4.0	1.0	6	110	4.9	0.07	0.7	0.7 B	BICKMORE CANYON
	22	13	48	9.6	36-31.6	121- 7.5	4.0	0.7	6	109	4.9	0.06	0.6	0.6 B	BICKMORE CANYON
	22	13	57	57.1	36-31.9	121- 7.7	4.9	0.8	6	105	5.3	0.05	0.5	1.3 B	BICKMORE CANYON
	22	13	59	32.9	36-31.5	121- 7.6	4.2	0.9	6	112	4.8	0.07	0.8	2.3 B	BICKMORE CANYON
	22	14	4	48.0	36-31.6	121- 7.7	4.7	1.4	8	110	5.1	0.09	0.7	1.9 B	BICKMORE CANYON
	22	15	12	13.4	37-45.9	122- 9.2	7.3	1.0	12	65	2.6	0.10	0.5	1.0 A	OAKLAND EAST
	22	15	37	15.4	36-30.9	121- 7.9	3.9	1.3	6	127	5.0	0.04	0.4	0.5 B	BICKMORE CANYON
	22	15	37	44.4	36-31.1	121- 7.8	3.8	1.6	8	90	5.0	0.08	0.6	0.6 B	BICKMORE CANYON
	22	15	44	0.3	36-31.6	121- 8.5	3.3	2.5	18	56	6.2	0.16	0.6	0.7 B	BICKMORE CANYON
	22	15	44	9.5	36-31.8	121- 7.9	1.6	3.5	11	152	5.5	0.09	0.9	0.8 B	BICKMORE CANYON
	22	16	1	3.6	36-31.1	121- 7.9	3.8	1.1	6	122	5.2	0.10	1.0	0.9 B	BICKMORE CANYON
	22	16	3	3.0	36-31.3	121- 8.3	4.2	1.9	12	86	5.7	0.13	0.7	2.2 B	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
FEB	22	16	27	18.4	36-31.9	121- 7.5	4.7	1.0	6 108	5.1	0.08	0.9	2.4	B	BICKMORE CANYON
	22	16	28	37.9	36-31.7	121- 7.5	5.6	1.0	6 108	4.9	0.02	0.3	0.6	B	BICKMORE CANYON
	22	16	44	18.5	36- 4.7	120-40.0	5.6	2.1	9 153	6.0	0.12	1.2	0.9	C	SW 1/4 PRIEST VALLEY
	22	17	17	37.5	36-31.4	121- 8.1	3.6	1.3	7 93	5.6	0.14	1.1	1.1	B	BICKMORE CANYON
	22	17	36	12.5	36-31.6	121- 7.8	4.0	1.0	6 111	5.2	0.08	0.8	0.7	B	BICKMORE CANYON
	22	17	50	7.4	36-32.1	121- 8.6	4.6	2.3	16 57	6.1	0.14	0.5	1.7	B	BICKMORE CANYON
	22	18	16	57.5	36-31.6	121- 7.5	4.3	1.0	6 111	4.8	0.08	0.8	2.4	B	BICKMORE CANYON
	22	18	39	37.8	36-40.8	121- 5.5	6.4	0.9	8 199	2.1	0.16	2.0	1.7	C	PANOCH PASS
	22	19	9	0.9	36-31.7	121- 8.3	3.4	1.9	12 82	6.0	0.14	0.7	0.7	B	BICKMORE CANYON
	22	19	14	17.9	36-32.0	121- 8.0	4.8	1.3	6 157	5.9	0.06	0.6	1.4	B	BICKMORE CANYON
	22	19	57	52.1	36-31.7	121- 7.6	5.4	1.1	6 108	5.0	0.08	0.9	2.3	B	BICKMORE CANYON
	22	21	37	51.6	36-31.4	121- 7.6	3.9	1.3	7 97	4.9	0.10	0.8	0.8	B	BICKMORE CANYON
	22	21	43	9.6	36-31.5	121- 8.4	3.3	2.2	14 56	6.0	0.13	0.6	0.6	B	BICKMORE CANYON
	22	22	7	52.5	36-32.1	121- 8.1	3.9	1.6	7 103	5.9	0.13	1.0	1.0	B	BICKMORE CANYON
	22	22	8	11.7	36-31.8	121- 7.7	3.9	1.5	7 104	5.2	0.09	0.7	0.7	B	BICKMORE CANYON
	22	22	8	39.9	36-31.7	121- 7.7	4.7	1.5	6 108	5.1	0.07	0.7	1.9	B	BICKMORE CANYON
	22	22	9	15.0	36-31.7	121- 7.7	4.5	1.5	6 108	5.1	0.08	0.8	2.2	B	BICKMORE CANYON
	22	22	17	29.4	36-31.6	121- 8.1	3.8	1.8	8 96	5.7	0.12	0.8	0.7	B	BICKMORE CANYON
	22	22	50	7.6	36-32.4	121- 8.3	3.7	1.4	9 105	6.0	0.18	1.0	1.2	B	BICKMORE CANYON
	22	23	15	45.0	36-31.8	121- 7.7	5.8	1.3	6 107	5.2	0.05	0.6	1.4	B	BICKMORE CANYON
	23	0	47	51.3	36-54.9	121-25.0	3.7	1.6	21 72	6.6	0.09	0.3	0.2	B	SAN FELIPE
	23	1	9	5.9	36-31.5	121- 7.3	4.0	1.2	6 112	4.5	0.08	0.8	0.8	B	SAN BENITO
	23	1	34	36.8	36-32.2	121- 7.4	5.3	1.2	6 115	5.2	0.06	0.7	1.7	B	SAN BENITO
	23	2	13	45.4	36-31.8	121- 8.2	3.5	1.2	9 98	5.9	0.14	0.7	1.0	B	BICKMORE CANYON
	23	3	11	21.0	36-31.7	121- 7.6	4.8	0.7	6 130	5.0	0.08	0.9	2.3	B	BICKMORE CANYON
	23	3	14	35.4	36-32.3	121- 8.1	4.3	1.8	16 57	6.2	0.16	0.6	2.0	B	BICKMORE CANYON
	23	5	12	26.3	36-31.4	121- 8.7	0.4	1.0	7 86	6.4	0.06	0.5	0.8	B	BICKMORE CANYON
	23	5	18	34.9	37-16.9	121-38.0	5.9	1.4	15 80	4.4	0.17	0.7	1.1	B	LICK OBSERVATORY
	23	6	10	17.1	36-55.1	121-25.0	3.9	0.9	11 74	6.9	0.04	0.2	0.2	B	SAN FELIPE
	23	6	34	41.4	36-37.3	121-15.6	4.9	0.8	7 159	2.8	0.06	0.6	0.8	B	MT JOHNSON
	23	7	28	47.1	36-31.7	121- 7.3	3.8	1.0	6 107	4.7	0.06	0.6	0.6	B	SAN BENITO
	23	7	45	1.6	36-31.6	121- 7.5	4.2	0.7	6 111	4.8	0.07	0.7	2.2	B	SAN BENITO
	23	8	20	42.2	36-32.0	121- 8.2	4.3	1.7	9 100	6.1	0.13	0.8	2.2	B	BICKMORE CANYON
	23	8	27	36.6	36-32.1	121- 7.5	5.7	1.4	6 112	5.2	0.07	0.7	1.8	B	SAN BENITO
	23	8	33	5.9	36-31.6	121- 7.7	4.9	1.0	6 109	5.1	0.05	0.6	1.6	B	BICKMORE CANYON
	23	9	31	19.7	36-31.9	121- 8.1	3.8	1.1	7 101	5.9	0.13	1.0	1.0	B	BICKMORE CANYON
	23	11	14	33.0	36-32.3	121- 8.0	3.8	1.5	8 107	6.1	0.13	0.9	0.8	B	BICKMORE CANYON
	23	11	59	32.9	36-31.9	121- 7.7	4.0	0.8	7 105	5.3	0.13	1.0	1.1	B	BICKMORE CANYON
	23	12	37	40.9	36-32.3	121- 8.3	3.8	1.5	8 103	6.1	0.19	1.3	1.4	B	BICKMORE CANYON
	23	13	6	3.8	36-31.5	121- 7.9	3.5	1.1	8 96	5.4	0.18	1.1	1.3	B	BICKMORE CANYON
	23	13	7	52.6	36-31.7	121- 7.9	3.6	0.9	8 100	5.5	0.20	1.3	1.4	B	BICKMORE CANYON
	23	13	14	39.4	36-32.3	121- 7.8	3.8	1.6	9 77	5.8	0.14	0.9	0.8	B	BICKMORE CANYON
	23	13	29	47.1	36-32.0	121- 8.3	4.4	1.8	12 80	6.2	0.16	0.7	2.2	B	BICKMORE CANYON
	23	13	32	59.6	36-29.6	121-29.4	9.0	2.4	29 140	10.6	0.13	0.5	0.8	B	PALO ESCRITO PEAK
	23	15	48	28.7	36-38.5	121-17.7	6.5	1.7	19 58	5.6	0.09	0.3	0.8	A	PAICINES

## CENTRAL CALIFORNIA EARTHQUAKES--FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE	
FEB	23	16	22	13.9	36-32.0	121- 7.4	5.4	0.7	6	111	4.9	0.05	0.6	1.4	B	SAN BENITO
	23	16	22	43.8	36-31.6	121- 7.4	4.5	0.8	6	111	4.7	0.07	0.8	2.0	B	SAN BENITO
	23	17	9	22.2	36-31.8	121-14.5	5.1	1.6	21	153	4.2	0.11	0.5	1.2	B	QUIFN SAGE VALLEY
	23	17	19	9.7	36-32.3	121- 7.5	5.1	0.9	7	115	5.5	0.10	0.9	2.2	B	BICKMORE CANYON
	23	17	40	25.0	36- 5.9	120-39.2	6.9	1.4	9	135	5.0	0.06	0.6	0.7	B	SW 1/4 PRIEST VALLEY
	23	18	0	9.1	36-31.6	121- 8.0	3.5	1.7	9	97	5.6	0.14	0.9	0.8	B	BICKMORE CANYON
	23	19	29	25.2	36-32.1	121- 7.6	3.9	1.1	6	110	5.4	0.05	0.5	0.4	B	BICKMORE CANYON
	23	19	40	52.8	36-31.6	121- 7.4	4.1	1.0	6	109	4.7	0.10	1.0	3.3	B	SAN BENITO
	23	20	2	17.0	36-31.9	121- 7.9	4.0	1.3	7	104	5.6	0.14	1.1	1.1	B	BICKMORE CANYON
	23	20	3	8.8	36-31.6	121- 7.5	3.7	0.7	6	109	4.8	0.10	1.0	0.9	A	BICKMORE CANYON
	23	21	38	1.3	36-31.7	121- 7.7	5.7	1.1	6	161	5.2	0.02	0.3	0.5	B	BICKMORE CANYON
	23	23	4	10.6	36-31.9	121- 7.6	4.1	1.0	6	107	5.1	0.09	0.9	2.6	B	BICKMORE CANYON
	23	23	40	21.4	36-32.3	121- 7.4	5.8	0.9	6	115	5.3	0.05	0.6	1.4	B	SAN BENITO
	24	0	5	51.9	36-32.2	121- 8.2	4.6	2.3	16	56	6.3	0.15	0.6	1.9	B	BICKMORE CANYON
	24	1	43	58.7	36-32.3	121- 8.0	3.6	1.7	8	106	6.1	0.14	1.0	0.9	B	BICKMORE CANYON
	24	1	52	12.8	36-31.8	121- 7.6	3.9	0.9	7	107	5.1	0.05	0.5	0.4	B	BICKMORE CANYON
	24	2	40	26.6	36-31.7	121- 8.2	3.9	1.0	7	96	5.8	0.11	0.9	0.9	B	BICKMORE CANYON
	24	5	15	4.1	36-31.8	121- 7.7	3.7	1.4	8	103	5.2	0.14	1.0	0.9	A	BICKMORE CANYON
	24	7	14	7.3	36-34.5	121-30.6	3.7	1.1	11	76	1.0	0.10	0.4	0.7	A	CHITTENDEN
	24	7	57	45.6	37-48.4	121-56.8	7.1	1.3	8	101	2.0	0.04	0.3	0.3	B	DIABLO
	24	8	41	59.0	36-43.2	121-24.6	6.8	1.9	18	54	6.1	0.13	0.5	1.2	A	MT HARLAN
	24	10	32	41.6	36-17.1	120-52.6	0.0	1.3	7	109	5.8	0.05	0.4	0.6	B	SW 1/4 HERNANDEZ VALLEY
	24	11	19	47.7	36-32.7	121- 8.4	5.1	2.2	17	74	5.5	0.17	0.6	1.8	B	BICKMORE CANYON
	24	11	39	24.9	36-32.0	121- 7.3	6.6	1.0	6	114	4.9	0.05	0.6	1.3	B	SAN BENITO
	24	11	39	37.0	36-32.1	121- 7.6	6.3	1.3	6	110	5.4	0.05	0.6	1.5	B	BICKMORE CANYON
	24	12	9	14.6	36-32.0	121- 8.0	4.1	1.1	7	103	5.8	0.12	0.9	2.9	B	BICKMORE CANYON
	24	14	2	8.5	36-32.8	121- 7.9	3.9	1.6	10	73	6.0	0.17	1.0	0.9	B	BICKMORE CANYON
	24	15	56	6.5	36-34.6	121-12.4	7.6	2.4	33	50	1.6	0.15	0.4	0.8	A	BICKMORE CANYON
	24	15	56	16.6	36-35.2	121-12.3	7.5*	3.2	9	103	6.4	0.19	1.1	1.2	B	BICKMORE CANYON
	24	15	56	51.0	36-34.7	121-12.5	7.5*	5.0*	7	123	5.3	0.15	1.3	1.8	B	BICKMORE CANYON
	24	15	59	27.7	36-35.3	121-13.7	5.9	2.1	14	66	3.8	0.10	0.4	0.5	A	BICKMORE CANYON
	24	16	0	47.3	36-35.4	121-13.8	6.9	1.3	7	73	4.1	0.02	0.2	0.4	A	BICKMORE CANYON
	24	16	1	46.9	36-34.7	121-12.9	6.5	2.0	18	67	2.4	0.08	0.3	0.6	A	BICKMORE CANYON
	24	16	2	27.5	36-35.7	121-14.2	3.5	1.2	6	97	4.8	0.15	1.4	3.7	B	BICKMORE CANYON
	24	16	3	10.7	36-35.6	121-13.9	5.7	1.6	14	65	4.2	0.08	0.3	0.8	A	BICKMORE CANYON
	24	16	3	30.8	36-35.1	121-13.3	5.8	1.4	10	90	3.0	0.06	0.4	0.7	A	BICKMORE CANYON
	24	16	4	1.9	36-36.3	121-14.6	5.9	2.2	19	62	3.4	0.08	0.3	0.6	A	BICKMORE CANYON
	24	16	4	4.5	36-36.4	121-14.6	1.5	1.2	10	119	5.9	0.14	0.8	0.7	B	BICKMORE CANYON
	24	16	4	19.6	36-35.0	121-12.8	4.6	1.2	6	142	2.3	0.05	1.3	1.6	C	BICKMORE CANYON
	24	16	4	37.3	36-36.3	121-14.8	6.1	2.1	21	62	3.6	0.08	0.3	0.6	A	BICKMORE CANYON
	24	16	5	19.8	36-36.1	121-14.3	6.5	1.4	9	63	5.3	0.09	0.6	1.6	A	BICKMORE CANYON
	24	16	8	30.5	36-35.8	121-14.1	5.4	1.2	8	64	4.8	0.06	0.4	1.0	A	BICKMORE CANYON
	24	16	8	39.2	36-34.5	121-12.5	6.4	2.9	24	67	1.7	0.16	0.5	0.6	B	BICKMORE CANYON
	24	16	9	55.0	36-34.7	121-12.6	6.9	1.6	14	66	1.9	0.08	0.3	0.9	A	BICKMORE CANYON
	24	16	10	30.3	36-34.6	121-12.8	6.5	2.0	17	67	2.2	0.11	0.4	0.9	A	BICKMORE CANYON

\* These earthquakes are located relative to the preceding foreshock using arrivals at distant stations and arrivals recorded on the EML strain-meter at Stone Canyon. Their accuracy is therefore somewhat less than that for typical events.

## CENTRAL CALIFORNIA EARTHQUAKES--FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ER2 Q	QUADRANGLE
FEB	24	16	12	12.0	36-34.7	121-12.8	7.0	1.0	6	103	2.3	0.02	0.3	0.5 B BICKMORE CANYON
	24	16	12	25.1	36-35.7	121-14.2	5.8	1.3	7	66	4.8	0.05	0.4	1.5 A BICKMORE CANYON
	24	16	13	33.3	36-34.9	121-12.8	7.1	1.5	10	69	2.2	0.08	0.5	1.0 A BICKMORE CANYON
	24	16	15	3.6	36-34.4	121-13.0	5.7	2.0	21	69	2.5	0.13	0.4	1.0 A BICKMORE CANYON
	24	16	16	6.2	36-35.6	121-14.1	5.6	1.6	14	65	4.6	0.10	0.4	0.9 A BICKMORE CANYON
	24	16	16	35.6	36-35.0	121-13.1	6.1	1.3	9	72	2.9	0.09	0.5	1.1 A BICKMORE CANYON
	24	16	18	16.5	36-35.2	121-13.6	7.6	1.4	11	66	3.7	0.06	0.3	0.7 A BICKMORE CANYON
	24	16	20	5.2	36-34.7	121-12.9	6.0	1.3	7	88	2.4	0.05	0.4	0.8 A BICKMORE CANYON
	24	16	31	46.5	36-34.6	121-12.5	6.0	0.6	6	118	1.7	0.04	0.4	0.6 B BICKMORE CANYON
	24	16	32	15.0	36-35.1	121-12.9	4.9	0.6	7	93	2.5	0.02	0.2	0.4 B BICKMORE CANYON
	24	16	33	59.9	36-34.6	121-12.6	6.3	2.1	17	66	2.0	0.10	0.4	0.9 A BICKMORE CANYON
	24	16	36	51.9	36-34.3	121-12.0	7.5	2.6	24	65	1.0	0.15	0.5	1.0 A BICKMORE CANYON
	24	16	40	17.7	36-34.1	121-12.0	5.7	1.9	14	67	1.3	0.09	0.4	0.8 A BICKMORE CANYON
	24	16	43	55.9	36-35.6	121-13.9	6.1	1.7	11	65	4.3	0.05	0.3	0.7 A BICKMORE CANYON
	24	16	47	7.1	36-35.4	121-13.8	5.6	1.5	13	65	4.1	0.07	0.3	0.8 A BICKMORE CANYON
	24	16	49	25.7	36-34.3	121-12.2	5.9	3.1	35	66	1.4	0.18	0.5	0.7 B BICKMORE CANYON
	24	16	52	28.3	36-35.4	121-13.8	7.0	1.9	10	71	4.0	0.08	0.5	1.2 A BICKMORE CANYON
	24	17	3	53.3	36-35.7	121-14.0	6.6	1.1	8	72	4.5	0.02	0.1	0.2 A BICKMORE CANYON
	24	17	5	54.2	36-35.2	121-13.5	6.7	0.9	7	98	3.4	0.02	0.2	0.3 B BICKMORE CANYON
	24	17	6	8.6	36-34.4	121-12.5	8.5	2.4	24	67	1.7	0.16	0.5	1.0 B BICKMORE CANYON
	24	17	10	2.9	36-34.8	121-12.9	7.0	2.4	20	67	2.5	0.13	0.4	0.8 A BICKMORE CANYON
	24	17	12	49.2	36-34.6	121-12.5	4.5	2.4	23	66	1.7	0.14	0.4	0.7 A BICKMORE CANYON
	24	17	16	0.5	36-36.3	121-14.7	6.1	1.5	14	62	3.6	0.09	0.4	0.8 A BICKMORE CANYON
	24	17	21	11.2	36-34.3	121-12.2	6.8	0.7	6	113	1.3	0.01	0.2	0.2 B BICKMORE CANYON
	24	17	23	26.3	36-35.3	121-12.9	4.1	0.6	7	95	2.8	0.08	0.7	1.3 B BICKMORE CANYON
	24	17	24	18.6	36-36.2	121-14.5	6.6	0.9	7	115	5.6	0.04	0.4	1.0 B BICKMORE CANYON
	24	17	24	44.1	36-36.7	121-15.1	5.4	2.0	19	60	3.1	0.10	0.3	0.8 A MT JOHNSON
	24	17	26	38.9	36-34.6	121-12.6	6.0	2.6	26	66	1.9	0.16	0.5	0.7 B BICKMORE CANYON
	24	17	28	32.6	36-35.9	121-14.4	6.2	1.5	16	64	4.2	0.09	0.3	0.7 A BICKMORE CANYON
	24	17	35	7.5	36-34.4	121-12.8	6.4	0.9	8	72	2.2	0.03	0.2	0.4 A BICKMORE CANYON
	24	17	37	22.7	36-34.0	121-12.1	7.9	0.9	7	77	1.4	0.14	1.3	2.2 B BICKMORE CANYON
	24	17	37	42.7	36-36.6	121-15.1	5.2	1.6	18	60	3.2	0.11	0.4	0.9 A MT JOHNSON
	24	17	40	6.9	36-36.7	121-15.0	5.3	3.1	33	60	2.9	0.13	0.4	0.5 A BICKMORE CANYON
	24	17	45	49.1	36-33.8	121-11.8	6.3	0.5	6	106	1.4	0.01	0.1	0.2 B BICKMORE CANYON
	24	17	46	48.3	36-36.7	121-14.9	6.1	1.7	18	60	3.0	0.10	0.3	0.7 A BICKMORE CANYON
	24	17	47	55.5	36-36.5	121-14.9	4.5	1.5	14	61	3.2	0.07	0.3	0.7 A BICKMORE CANYON
	24	17	49	55.7	36-34.8	121-13.2	7.2	2.4	23	67	2.8	0.16	0.5	1.1 B BICKMORE CANYON
	24	17	50	51.6	36-31.7	121- 6.4	11.9	2.7	22	68	3.4	0.14	0.5	0.7 A SAN BENITO
	24	17	51	31.1	36-36.4	121-14.8	5.2	1.5	10	61	3.4	0.04	0.2	0.5 A BICKMORE CANYON
	24	17	55	43.1	36-34.4	121-12.7	6.2	1.3	11	68	2.0	0.05	0.3	0.5 A BICKMORE CANYON
	24	17	56	56.8	36-31.2	121- 8.2	4.2	1.5	10	88	5.5	0.16	0.9	2.8 B BICKMORE CANYON
	24	17	57	15.7	36-36.0	121-14.5	6.5	1.2	9	63	5.5	0.06	0.3	0.9 A BICKMORE CANYON
	24	18	2	48.3	36-36.7	121-15.1	5.6	3.3	36	60	3.0	0.14	0.4	0.5 A MT JOHNSON
	24	18	6	42.3	36-35.0	121-13.0	5.8	2.1	19	77	2.7	0.12	0.4	0.5 A BICKMORE CANYON
	24	18	8	9.3	36-36.8	121-15.1	5.2	2.1	22	59	2.9	0.14	0.4	1.0 A MT JOHNSON



## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
FEB	24	18	9	55.1	36-36.5	121-15.0	5.7	2.4	25	61	3.3	0.12	0.3	0.5	A	BICKMORE CANYON
	24	18	21	5.3	36-34.8	121-12.6	4.5	0.8	8	90	2.0	0.05	0.4	0.6	A	BICKMORE CANYON
	24	18	21	50.5	36-36.9	121-15.2	5.2	3.0	34	59	2.9	0.14	0.4	0.5	A	MT JOHNSON
	24	18	23	29.8	36-35.4	121-13.8	6.3	1.7	14	66	4.1	0.07	0.3	0.7	A	BICKMORE CANYON
	24	18	25	20.7	36-36.5	121-15.1	5.6	1.0	7	142	6.7	0.06	0.5	1.4	B	MT JOHNSON
	24	18	27	3.1	36-36.0	121-14.4	5.6	1.4	14	63	3.9	0.07	0.3	0.7	A	BICKMORE CANYON
	24	18	27	18.6	36-34.9	121-12.8	5.6	2.6	25	65	2.2	0.13	0.4	0.6	A	BICKMORE CANYON
	24	18	32	30.7	36-34.8	121-13.2	7.8	2.2	23	67	2.9	0.11	0.4	0.8	A	BICKMORE CANYON
	24	18	33	56.7	36-36.8	121-15.1	5.3	2.6	29	59	2.9	0.14	0.4	0.6	A	MT JOHNSON
	24	18	34	49.2	36-35.7	121-13.8	4.6	2.1	15	64	4.2	0.14	0.5	1.5	A	BICKMORE CANYON
	24	18	35	44.1	36-35.7	121-13.9	4.0	2.2	18	64	4.4	0.12	0.4	0.4	A	BICKMORE CANYON
	24	18	37	52.8	36-36.8	121-15.3	5.3	1.2	12	60	7.2	0.09	0.4	1.5	B	MT JOHNSON
	24	18	38	19.8	36-35.0	121-13.2	6.7	1.7	16	66	3.0	0.09	0.4	0.8	A	BICKMORE CANYON
	24	18	42	3.4	36-34.9	121-13.2	6.3	1.1	11	67	2.9	0.05	0.2	0.5	A	BICKMORE CANYON
	24	18	48	21.4	36-36.3	121-14.8	8.1	0.5	9	81	3.5	0.07	0.5	0.9	A	BICKMORE CANYON
	24	18	48	27.5	36-36.5	121-14.6	4.7	1.8	13	61	3.2	0.09	0.4	0.8	A	BICKMORE CANYON
	24	18	51	1.9	36-34.1	121-11.8	5.6	1.3	12	78	1.1	0.06	0.3	0.5	A	BICKMORE CANYON
	24	18	56	16.9	36-31.9	121- 7.8	3.9	0.8	7	105	5.5	0.12	1.0	0.9	B	BICKMORE CANYON
	24	18	58	18.6	36-35.3	121-13.7	5.9	1.7	16	66	3.8	0.09	0.3	0.9	A	BICKMORE CANYON
	24	19	15	4.2	36-36.4	121-14.8	7.0	0.6	10	61	3.3	0.09	0.5	1.0	A	BICKMORE CANYON
	24	19	15	13.9	36-36.6	121-15.1	5.5	2.2	22	60	3.2	0.12	0.4	0.9	A	MT JOHNSON
	24	19	17	5.8	36-35.2	121-13.0	5.0	0.9	8	72	2.8	0.04	0.3	0.6	A	BICKMORE CANYON
	24	19	43	40.7	36-35.7	121-13.7	5.6	3.1	31	67	4.2	0.14	0.4	0.6	A	BICKMORE CANYON
	24	19	48	59.6	36-37.0	121-15.1	3.6	1.0	11	63	7.3	0.05	0.3	0.3	B	MT JOHNSON
	24	19	53	25.7	36-32.3	121- 7.8	4.0	1.4	7	110	5.8	0.13	1.0	1.0	B	BICKMORE CANYON
	24	19	58	27.4	36-33.9	121-11.9	6.3	1.7	16	78	1.4	0.07	0.3	0.6	A	BICKMORE CANYON
	24	19	59	57.8	36-35.5	121-13.9	6.6	1.6	14	65	4.3	0.07	0.3	0.7	A	BICKMORE CANYON
	24	20	0	38.9	36-38.4	121-17.6	7.2	2.4	26	57	5.4	0.12	0.3	0.8	A	PAICINES
	24	20	5	53.8	36-35.2	121-13.6	6.0	1.2	10	66	3.6	0.06	0.3	0.6	A	BICKMORE CANYON
	24	20	21	48.8	36-35.9	121-14.3	6.1	3.6R	35	64	4.0	0.14	0.4	0.5	A	BICKMORE CANYON
	24	20	23	17.6	36-35.7	121-14.1	5.4	1.5	8	84	4.4	0.10	0.8	1.5	A	BICKMORE CANYON
	24	20	24	39.1	36-35.4	121-13.9	6.7	1.6	15	65	4.1	0.08	0.3	0.8	A	BICKMORE CANYON
	24	20	25	36.2	36-35.9	121-14.1	6.1	1.0	8	75	4.0	0.02	0.1	0.2	A	BICKMORE CANYON
	24	20	29	11.3	36-36.0	121-14.1	6.1	0.7	8	74	3.9	0.02	0.2	0.3	A	BICKMORE CANYON
	24	20	37	13.1	36-36.1	121-14.3	5.7	0.7	8	81	3.6	0.05	0.3	0.6	A	BICKMORE CANYON
	24	20	42	52.0	36-35.8	121-14.1	6.9	2.3	24	64	4.3	0.12	0.4	0.8	A	BICKMORE CANYON
	24	20	44	23.9	36-35.7	121-13.8	6.6	2.1	21	64	4.3	0.11	0.3	0.7	A	BICKMORE CANYON
	24	20	50	5.9	36-38.6	121-17.6	6.6	1.0	11	59	5.5	0.05	0.3	0.7	A	PAICINES
	24	21	1	14.3	36-36.0	121-14.3	5.9	0.9	9	63	3.9	0.04	0.3	0.5	A	BICKMORE CANYON
	24	21	7	2.1	36-35.6	121-13.9	6.0	1.3	13	65	4.3	0.05	0.2	0.5	A	BICKMORE CANYON
	24	21	10	36.5	36-35.6	121-13.9	6.0	1.0	10	65	4.4	0.06	0.4	0.9	A	BICKMORE CANYON
	24	21	20	6.8	36-35.5	121-13.8	5.2	1.1	9	65	4.1	0.06	0.4	0.9	A	BICKMORE CANYON
	24	21	24	55.5	36-35.7	121-13.5	5.0	1.4	11	66	3.9	0.11	0.5	1.1	A	BICKMORE CANYON
	24	21	33	40.2	36-36.7	121-15.0	5.1	2.3	22	60	2.9	0.11	0.4	0.8	A	MT JOHNSON
	24	21	37	6.0	36-35.7	121-14.0	5.0	1.0	9	64	4.5	0.09	0.6	1.3	A	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
FEB	24	21	37	40.8	36-36.2	121-14.7	5.3	1.2	14	62	3.7	0.05	0.2	0.5	A	BICKMORE CANYON
	24	21	44	20.6	36-34.7	121-12.9	6.8	0.8	9	70	2.3	0.07	0.4	0.8	A	BICKMORE CANYON
	24	21	55	54.2	36-35.5	121-13.7	6.1	1.7	14	65	4.0	0.07	0.3	0.8	A	BICKMORE CANYON
	24	22	12	34.4	36-31.9	121- 7.6	4.6	1.3	6	107	5.3	0.10	1.0	2.7	B	BICKMORE CANYON
	24	22	19	9.1	36-35.2	121-13.5	6.7	1.6	14	66	3.5	0.07	0.3	0.8	A	BICKMORE CANYON
	24	22	21	15.6	36-35.3	121-13.7	5.6	1.2	12	66	3.8	0.06	0.3	0.7	A	BICKMORE CANYON
	24	22	27	42.2	36-35.0	121-13.0	5.5	0.7	8	79	2.7	0.06	0.5	0.9	A	BICKMORE CANYON
	24	22	35	10.6	36-35.1	121-13.0	5.2	1.8	16	65	2.3	0.10	0.4	0.9	A	BICKMORE CANYON
	24	22	39	2.8	36-35.5	121-14.1	7.3	2.8	29	66	4.4	0.15	0.4	0.9	A	BICKMORE CANYON
	24	22	40	6.0	36-35.3	121-13.7	6.9	2.6	23	66	3.8	0.17	0.5	1.3	B	BICKMORE CANYON
	24	22	43	45.3	36-35.6	121-14.1	7.7	2.3	21	65	4.5	0.14	0.5	0.9	A	BICKMORE CANYON
	24	22	47	58.6	36-35.3	121-13.7	5.7	2.2	20	66	3.8	0.10	0.3	0.5	A	BICKMORE CANYON
	24	22	53	27.2	36-34.5	121-12.4	6.4	2.4	22	66	1.6	0.15	0.5	1.1	A	BICKMORE CANYON
	24	22	54	52.5	36-35.5	121-14.0	8.1	1.2	13	70	4.4	0.12	0.7	1.5	A	BICKMORE CANYON
	24	22	55	5.4	36-35.8	121-14.3	6.2	1.7	14	64	4.2	0.06	0.3	0.6	A	BICKMORE CANYON
	24	22	55	50.0	36-35.7	121-14.0	6.5	1.6	12	64	4.5	0.07	0.3	0.7	A	BICKMORE CANYON
	24	23	12	44.5	36-34.5	121-12.4	6.1	3.1	34	66	1.6	0.16	0.4	0.6	B	BICKMORE CANYON
	24	23	16	34.8	36-34.4	121-12.4	5.9	1.5	12	66	1.5	0.05	0.2	0.4	A	BICKMORE CANYON
	24	23	26	54.0	36-31.7	121- 8.5	3.4	2.0	15	57	6.3	0.13	0.5	0.6	B	BICKMORE CANYON
	24	23	34	28.9	36-36.1	121-14.6	5.6	1.3	11	63	3.8	0.09	0.5	1.0	A	BICKMORE CANYON
	25	0	3	24.1	36-36.5	121-14.9	4.8	0.9	8	61	3.3	0.03	0.2	0.5	A	BICKMORE CANYON
	25	0	4	1.3	36-35.6	121-13.9	7.7	2.5	25	65	4.3	0.14	0.4	1.0	A	BICKMORE CANYON
	25	0	4	53.9	36-35.3	121-13.8	6.2	1.9	17	66	3.9	0.13	0.5	1.2	A	BICKMORE CANYON
	25	0	22	4.9	36-31.2	121- 7.8	2.4	1.7	7	119	5.0	0.04	0.4	0.3	B	BICKMORE CANYON
	25	0	24	20.6	36-35.3	121-13.7	6.4	1.1	9	130	3.8	0.03	0.2	0.4	B	BICKMORE CANYON
	25	0	38	59.3	36-36.4	121-14.9	6.2	1.9	15	62	3.5	0.10	0.4	0.9	A	BICKMORE CANYON
	25	0	43	54.5	36-36.6	121-14.9	5.0	0.9	11	60	3.0	0.06	0.3	0.6	A	BICKMORE CANYON
	25	0	47	4.8	36-35.3	121-13.6	6.8	0.9	9	73	3.7	0.03	0.3	0.5	A	BICKMORE CANYON
	25	0	48	11.9	36-31.6	121- 7.8	5.3	1.7	10	112	5.3	0.11	0.7	1.8	B	BICKMORE CANYON
	25	1	8	6.2	36-34.8	121-12.6	4.5	1.0	10	69	2.0	0.06	0.3	0.6	A	BICKMORE CANYON
	25	1	32	8.7	36-35.7	121-14.0	6.3	1.3	11	65	4.5	0.07	0.4	0.7	A	BICKMORE CANYON
	25	1	37	29.9	36-35.8	121-14.1	6.2	0.7	9	64	4.3	0.04	0.2	0.5	A	BICKMORE CANYON
	25	1	38	26.3	36-35.6	121-13.9	6.1	1.4	11	65	4.3	0.07	0.4	1.0	A	BICKMORE CANYON
	25	2	8	20.7	36-34.8	121-13.2	6.9	1.1	9	71	2.9	0.03	0.2	0.3	A	BICKMORE CANYON
	25	2	25	53.7	36-36.2	121-14.6	5.3	1.7	17	62	3.6	0.11	0.4	0.9	A	BICKMORE CANYON
	25	2	40	19.8	36-36.7	121-14.1	1.9	1.6	14	68	2.7	0.12	0.5	0.5	A	BICKMORE CANYON
	25	2	41	28.4	36-35.8	121-14.3	6.8	2.1	24	65	4.4	0.17	0.5	1.1	B	BICKMORE CANYON
	25	2	42	16.9	36-32.1	121- 7.7	4.6	1.5	7	108	5.5	0.09	0.8	2.1	B	BICKMORE CANYON
	25	3	0	42.8	36-36.2	121-14.6	6.1	2.5	28	63	3.7	0.15	0.4	0.6	B	BICKMORE CANYON
	25	3	1	51.9	36-36.4	121-14.6	5.7	1.6	12	61	3.3	0.06	0.3	0.6	A	BICKMORE CANYON
	25	3	4	45.2	36-36.4	121-14.9	6.0	3.0	30	61	3.3	0.13	0.4	0.5	A	BICKMORE CANYON
	25	3	8	54.2	36-32.3	121- 7.9	3.5	1.7	12	60	6.0	0.13	0.6	0.6	B	BICKMORE CANYON
	25	3	10	52.9	36-36.2	121-14.6	5.8	1.2	14	63	3.7	0.07	0.3	0.6	A	BICKMORE CANYON
	25	3	28	0.3	37-22.4	121-42.6	5.1	0.6	8	85	4.5	0.10	0.7	0.5	A	LICK OBSERVATORY
	25	3	58	1.8	36-35.5	121-13.9	5.7	2.1	20	65	4.2	0.12	0.4	0.6	A	BICKMORE CANYON



## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE	
FEB	25	3	58	40.5	36-35.1	121- 4.4	11.2	1.9	21	86	8.3	0.19	0.8	0.9	B	SAN BENITO
	25	4	56	22.0	36-35.7	121-14.1	6.2	1.8	11	84	4.4	0.09	0.5	1.0	A	BICKMORE CANYON
	25	5	58	40.0	36-35.6	121-14.1	5.8	1.6	13	76	4.6	0.10	0.4	0.9	A	BICKMORE CANYON
	25	6	13	39.5	36-35.5	121-13.6	7.0	0.9	6	111	3.8	0.02	0.3	0.5	B	BICKMORE CANYON
	25	6	14	13.5	37-46.4	122- 8.6	7.6	1.0	12	80	3.0	0.12	0.6	1.0	A	OAKLAND EAST
	25	6	19	0.5	36-35.7	121-13.9	5.9	1.5	13	64	4.4	0.09	0.4	0.8	A	BICKMORE CANYON
	25	6	23	38.2	36-36.1	121-14.3	0.2	0.6	8	62	3.7	0.06	0.4	0.7	A	BICKMORE CANYON
	25	6	25	51.5	36-34.4	121-12.3	6.1	1.9	18	66	1.5	0.10	0.4	0.8	A	BICKMORE CANYON
	25	6	33	39.4	36-35.1	121-13.2	4.1	1.3	16	66	3.0	0.12	0.4	1.1	A	BICKMORE CANYON
	25	7	3	44.8	37-30.8	121- 2.3	9.4	1.6	6	284	47.3	0.17	9.0	2.7	D	BRUSH LAKE
	25	7	52	26.2	36-35.2	121-13.4	6.4	0.8	8	74	3.4	0.02	0.1	0.3	A	BICKMORE CANYON
	25	8	18	4.1	36-34.1	121-12.2	6.4	1.1	12	67	1.5	0.05	0.2	0.5	A	BICKMORE CANYON
	25	8	35	37.1	36-35.9	121-14.3	5.4	1.0	13	64	4.1	0.06	0.3	0.6	A	BICKMORE CANYON
	25	8	51	45.0	36-35.8	121-14.2	6.1	0.9	11	64	4.2	0.05	0.3	0.5	A	BICKMORE CANYON
	25	8	59	18.5	36-20.5	120-56.5	8.2	1.6	14	94	3.1	0.15	0.7	1.2	B	SW 1/4 HERNANDEZ VALLEY
	25	9	17	28.5	36-34.2	121-12.4	7.5	1.4	17	68	1.7	0.10	0.4	0.8	A	BICKMORE CANYON
	25	9	42	43.8	36-32.2	121- 8.1	3.8	0.9	7	105	6.2	0.15	1.2	1.1	B	BICKMORE CANYON
	25	9	43	16.8	36-32.2	121- 8.3	4.2	1.4	8	103	6.2	0.14	0.9	2.6	B	BICKMORE CANYON
	25	9	45	4.6	36-32.0	121- 7.8	4.8	0.9	7	106	5.5	0.08	0.7	1.9	B	BICKMORE CANYON
	25	10	9	46.5	36-36.6	121-14.8	5.6	2.1	20	60	3.1	0.10	0.3	0.4	A	BICKMORE CANYON
	25	10	29	48.9	36-36.0	121-14.5	6.9	0.4	8	63	3.9	0.06	0.5	0.9	A	BICKMORE CANYON
	25	11	41	54.9	36-35.4	121-13.7	6.7	1.0	10	65	3.9	0.05	0.3	0.8	A	BICKMORE CANYON
	25	11	48	30.3	36-36.6	121-15.1	5.9	3.2	25	60	3.2	0.14	0.4	0.6	A	MT JOHNSON
	25	12	39	31.9	36-34.2	121-12.5	6.4	1.7	14	68	1.8	0.09	0.4	0.4	A	BICKMORE CANYON
	25	12	57	31.0	36-36.3	121-13.7	2.5	1.1	13	71	3.3	0.13	0.5	0.7	A	BICKMORE CANYON
	25	13	15	40.4	36-35.5	121-13.7	6.3	1.1	10	69	4.0	0.07	0.5	1.1	A	BICKMORE CANYON
	25	13	24	33.0	36-35.5	121-13.7	6.8	1.0	10	70	4.0	0.02	0.1	0.3	A	BICKMORE CANYON
	25	13	29	47.3	36-36.7	121-15.1	6.5	1.5	12	76	3.1	0.10	0.6	1.1	A	MT JOHNSON
	25	13	48	54.5	36-36.6	121-14.7	4.3	0.4	8	60	3.1	0.03	0.2	0.5	A	BICKMORE CANYON
	25	14	4	47.5	36-36.5	121-14.9	5.0	2.0	20	61	3.3	0.12	0.4	1.0	A	BICKMORE CANYON
	25	14	23	14.9	36-36.7	121-15.3	5.1	1.4	14	60	3.3	0.11	0.5	1.1	A	MT JOHNSON
	25	14	32	41.5	36-36.1	121-14.4	6.0	1.3	12	63	3.8	0.06	0.3	0.6	A	BICKMORE CANYON
	25	14	49	0.9	36-35.0	121-13.0	6.4	1.1	10	66	2.7	0.04	0.2	0.5	A	BICKMORE CANYON
	25	15	17	50.6	36-34.8	121-13.1	6.8	1.5	14	67	2.6	0.10	0.4	1.0	A	BICKMORE CANYON
	25	15	27	14.2	36-36.2	121-14.9	5.6	1.9	19	63	3.8	0.14	0.5	1.1	A	BICKMORE CANYON
	25	15	49	15.9	36-40.5	121-19.9	3.7	0.6	7	110	3.9	0.09	0.8	0.7	B	PAICINES
	25	16	1	54.0	36-34.6	121-12.5	6.0	0.9	6	97	1.7	0.01	0.1	0.2	B	BICKMORE CANYON
	25	16	4	9.6	36-36.7	121-14.9	6.1	1.1	11	60	2.9	0.06	0.3	0.6	A	BICKMORE CANYON
	25	16	33	58.6	36-35.9	121-14.3	6.6	0.8	8	64	4.1	0.06	0.5	1.0	A	BICKMORE CANYON
	25	17	23	12.3	37-28.8	121-39.9	4.9	1.4	14	130	12.3	0.23	1.1	1.7	C	MT DAY
	25	17	27	9.5	36-35.2	121-13.4	7.1	0.9	7	98	3.4	0.02	0.2	0.4	B	BICKMORE CANYON
	25	18	20	19.8	36-36.2	121-14.6	5.3	1.1	9	122	3.6	0.07	0.5	1.0	B	BICKMORE CANYON
	25	18	29	17.8	36-34.4	121-12.3	7.1	1.0	8	113	1.5	0.02	0.1	0.2	B	BICKMORE CANYON
	25	18	49	36.6	36-35.7	121-13.8	5.4	2.3	19	64	4.3	0.13	0.4	1.3	A	BICKMORE CANYON
	25	19	10	21.6	36-35.8	121-13.9	4.5	2.1	18	64	4.3	0.11	0.4	1.0	A	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	UMIN	RMS	ERM	ERZ	Q	QUADRANGLE	
FEB	25	19	34	13.1	36-35.4	121-13.7	6.9	0.8	6	111	3.9	0.01	0.1	0.2	R	BICKMORE CANYON
	25	20	20	1.6	36-34.2	121-12.6	6.8	1.4	13	68	1.9	0.07	0.3	0.6	A	BICKMORE CANYON
	25	20	24	26.8	36-35.0	121-12.9	4.9	2.0	15	65	2.5	0.10	0.4	0.9	A	BICKMORE CANYON
	25	20	32	10.9	36-34.2	121-12.7	6.2	1.0	10	69	2.1	0.05	0.3	0.5	A	BICKMORE CANYON
	25	20	33	49.6	36-35.5	121-13.9	5.9	0.8	7	70	4.3	0.04	0.4	0.9	A	BICKMORE CANYON
	25	21	3	12.7	36-32.6	121- 7.3	6.7	1.1	6	123	5.6	0.05	0.6	1.4	B	SAN BENITO
	25	21	46	2.9	36-32.1	121- 8.0	4.3	2.0	12	79	5.8	0.14	0.7	2.2	B	BICKMORE CANYON
	25	22	21	34.7	36-35.3	121-13.7	7.4	1.4	10	75	3.7	0.06	0.4	1.0	A	BICKMORE CANYON
	26	1	24	25.2	36-36.3	121-14.7	5.7	1.5	10	119	3.5	0.08	0.5	0.9	B	BICKMORE CANYON
	26	1	42	53.7	36-35.6	121-13.9	7.1	1.4	10	65	4.3	0.07	0.4	1.0	A	BICKMORE CANYON
	26	2	9	22.9	36-35.5	121-13.7	4.0	1.6	13	65	3.9	0.13	0.6	0.6	A	BICKMORE CANYON
	26	2	25	30.1	36-35.4	121-13.4	4.9	1.6	9	71	3.5	0.11	0.8	1.8	A	BICKMORE CANYON
	26	4	20	1.5	36-35.3	121-13.0	5.4	1.0	8	71	2.9	0.06	0.5	0.9	A	BICKMORE CANYON
	26	5	51	17.8	36-33.0	121- 7.8	3.9	1.1	7	118	6.0	0.12	0.9	1.0	B	BICKMORE CANYON
	26	7	53	32.4	36-35.9	121-14.1	4.6	1.8	15	74	4.1	0.11	0.4	1.0	A	BICKMORE CANYON
	26	10	0	48.3	36-35.8	121-13.8	4.1	1.0	10	64	4.3	0.07	0.4	0.7	A	BICKMORE CANYON
	26	10	8	58.8	36- 2.0	121-35.4	10.4	2.0	11	251	38.4	0.07	1.3	0.4	C	LOPEZ POINT
	26	10	22	27.6	36-35.2	121-13.4	7.4	1.3	9	77	3.3	0.05	0.4	0.8	A	BICKMORE CANYON
	26	10	36	28.1	36-35.3	121-13.6	6.9	1.3	11	66	3.8	0.05	0.3	0.6	A	BICKMORE CANYON
	26	10	52	3.2	36-13.8	120-48.9	3.4	1.6	8	134	2.5	0.13	1.0	2.2	B	MONARCH PEAK
	26	11	9	28.1	36-35.0	121-13.0	5.2	1.1	8	79	2.7	0.04	0.4	0.7	A	BICKMORE CANYON
	26	11	32	34.4	36-36.8	121-15.2	5.9	1.4	11	59	3.0	0.10	0.5	1.1	A	MT JOHNSON
	26	12	28	1.7	36-32.3	121- 8.0	4.9	0.9	7	108	6.1	0.14	1.1	3.0	B	BICKMORE CANYON
	26	12	31	5.6	36-32.3	121- 8.1	4.1	1.3	8	106	6.2	0.12	0.8	2.4	B	BICKMORE CANYON
	26	12	43	4.8	36-34.5	121-12.3	4.7	1.0	6	106	1.4	0.04	0.5	0.6	B	BICKMORE CANYON
	26	12	45	26.4	36-31.2	121- 8.7	7.7	0.8	7	84	6.4	0.07	0.6	1.3	A	BICKMORE CANYON
	26	13	16	12.0	36-32.0	121- 7.6	4.5	1.2	6	109	5.2	0.08	0.8	2.2	B	BICKMORE CANYON
	26	15	11	12.2	36-34.7	121-12.6	5.6	1.5	13	66	1.9	0.08	0.4	0.8	A	BICKMORE CANYON
	26	15	43	42.6	37-52.6	121-51.9	7.3	1.2	7	184	5.4	0.06	1.0	1.8	C	ANTIOCH SOUTH
	26	16	10	6.2	37-52.5	121-51.8	6.9	1.4	7	186	5.6	0.07	0.7	0.5	C	ANTIOCH SOUTH
	26	18	15	23.0	36-35.2	121-13.5	7.1	2.2	18	66	3.4	0.11	0.4	0.9	A	BICKMORE CANYON
	26	18	38	35.1	36-35.2	121-13.7	6.7	1.6	14	67	3.7	0.09	0.4	0.9	A	BICKMORE CANYON
	26	18	45	31.4	36-35.3	121-13.5	6.7	0.7	6	110	3.6	0.04	0.5	0.6	B	BICKMORE CANYON
	26	19	36	36.0	36-36.6	121-15.3	5.9	3.1	33	60	7.1	0.14	0.4	0.6	B	MT JOHNSON
	26	19	53	40.8	36-35.9	121-14.1	5.4	1.5	13	64	4.8	0.13	0.6	1.5	A	BICKMORE CANYON
	26	21	20	17.8	36-32.3	121- 8.2	5.2	1.5	8	105	6.2	0.12	0.8	2.1	B	BICKMORE CANYON
	26	21	20	58.3	36-35.0	121-13.1	4.8	1.3	8	81	2.7	0.10	0.8	1.6	A	BICKMORE CANYON
	26	21	43	59.1	36-33.8	121-11.7	5.9	2.1	15	79	1.5	0.10	0.4	0.8	A	BICKMORE CANYON
	26	22	23	43.3	36-36.1	121-14.8	6.2	1.9	17	63	5.9	0.12	0.4	1.2	A	BICKMORE CANYON
	26	22	27	3.1	36-34.2	121-12.1	5.6	1.3	10	73	1.3	0.09	0.5	0.9	A	BICKMORE CANYON
	26	22	33	0.5	36-36.0	121-14.4	6.0	1.5	10	63	5.3	0.09	0.5	1.3	A	BICKMORE CANYON
	26	22	53	45.2	36-36.7	121-15.0	4.5	1.8	12	75	6.8	0.12	0.5	1.7	B	BICKMORE CANYON
	27	0	16	9.4	36-36.0	121-14.7	6.7	1.7	13	63	3.9	0.10	0.4	0.9	A	BICKMORE CANYON
	27	1	15	48.3	36-36.4	121-15.1	6.1	1.7	15	62	3.5	0.13	0.5	1.1	A	MT JOHNSON
	27	2	7	3.2	36-36.9	121-15.4	5.1	1.5	16	59	3.1	0.10	0.4	0.9	A	MT JOHNSON

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
FEB	27	2	37	9.4	36-34.8	121-12.9	6.9	1.2	8	87	2.3	0.07	0.6	1.0	A BICKMORE CANYON
	27	3	36	32.7	36-34.9	121-13.1	6.1	1.4	13	67	2.7	0.10	0.4	0.9	A BICKMORE CANYON
	27	4	32	39.1	36-35.8	121-14.2	6.9	1.5	10	65	4.3	0.08	0.5	0.9	A BICKMORE CANYON
	27	4	35	54.6	36-36.4	121-14.9	5.4	2.6	26	61	3.4	0.13	0.4	0.6	A BICKMORE CANYON
	27	5	25	56.5	36-35.5	121-13.8	7.1	1.1	8	70	4.2	0.06	0.5	1.1	A BICKMORE CANYON
	27	6	6	38.2	36-35.7	121-14.3	6.5	1.5	14	65	4.5	0.10	0.4	0.9	A BICKMORE CANYON
	27	10	0	54.3	36-35.8	121-14.3	6.2	1.4	11	64	4.3	0.08	0.4	0.8	A BICKMORE CANYON
	27	10	16	21.9	36-31.6	121- 8.2	3.6	1.0	8	94	5.7	0.16	1.1	1.2	B BICKMORE CANYON
	27	10	20	36.3	36-34.7	121-12.9	7.1	1.7	15	67	2.3	0.08	0.3	0.7	A BICKMORE CANYON
	27	10	52	23.9	36-35.4	121-13.4	4.7	1.3	8	70	3.4	0.06	0.5	1.1	A BICKMORE CANYON
	27	11	6	37.8	36-31.9	121- 7.6	6.3	0.9	6	108	5.2	0.06	0.7	1.5	B BICKMORE CANYON
	27	13	0	39.1	36- 0.4	120- 9.2	0.3	2.1	7	274	18.5	0.11	3.7	2.0	D AVEVAL
	27	13	58	42.8	36-35.0	121-13.4	8.0	2.6	28	67	3.2	0.15	0.5	1.0	B BICKMORE CANYON
	27	14	54	29.5	37- 0.4	121-42.8	10.6	1.9	23	73	6.1	0.11	0.4	0.9	A MT MADONNA
	27	15	3	42.8	36-37.9	121-16.5	5.5	0.8	7	103	3.8	0.05	0.4	1.0	B PAICINES
	27	15	31	33.2	36-33.1	121-10.8	3.8	2.5	23	84	2.8	0.17	0.6	0.6	B BICKMORE CANYON
	27	15	42	18.4	36-36.6	121-15.1	5.6	2.1	22	60	3.1	0.12	0.4	0.5	A MT JOHNSON
	27	15	56	21.1	36-36.5	121-14.6	4.8	0.9	7	115	3.1	0.04	0.3	0.6	B BICKMORE CANYON
	27	16	15	26.9	36-37.1	121-15.5	5.5	3.2	38	58	2.9	0.15	0.4	0.5	B MT JOHNSON
	27	16	34	6.2	36-36.9	121-15.5	6.0	1.6	14	59	3.2	0.12	0.5	1.1	A MT JOHNSON
	27	16	56	29.1	36-35.5	121-13.5	5.5	2.7	32	64	3.7	0.14	0.4	0.6	A BICKMORE CANYON
	27	17	0	2.3	36-35.5	121-13.4	6.4	2.1	19	65	3.6	0.12	0.4	0.9	A BICKMORE CANYON
	27	19	21	33.8	36-31.9	121- 7.6	4.8	1.1	6	108	5.1	0.09	0.9	2.6	B BICKMORE CANYON
	27	19	52	44.9	36-37.0	121-15.4	5.6	3.5	38	58	2.9	0.16	0.4	0.5	B MT JOHNSON
	27	20	7	5.8	36-36.8	121-15.2	5.7	2.0	17	59	3.0	0.12	0.4	1.0	A MT JOHNSON
	27	20	33	26.3	36-31.4	121- 6.9	11.0	2.1	17	58	3.8	0.12	0.5	0.7	A SAN BENITO
	27	21	0	18.2	36-31.8	121- 6.4	11.2	3.1	41	68	3.5	0.16	0.5	0.4	B SAN BENITO
	27	21	0	46.5	36-31.1	121- 7.1	10.2	2.0	10	133	3.9	0.09	0.7	0.8	B SAN BENITO
	27	21	18	21.8	36-31.4	121- 6.3	10.5	0.8	6	116	3.0	0.04	0.9	1.5	B SAN BENITO
	27	21	19	46.4	36-31.6	121- 6.4	13.7	2.0	18	66	3.4	0.12	0.6	0.5	A SAN BENITO
	27	22	13	8.4	36-31.7	121- 6.2	11.4	4.6R	40	68	3.3	0.15	0.5	0.4	B SAN BENITO
	27	22	15	45.5	36-31.3	121- 7.2	10.0	1.7	16	100	4.3	0.09	0.4	0.6	B SAN BENITO
	27	22	17	38.8	36-31.4	121- 6.7	9.9	1.7	9	84	3.6	0.12	0.8	1.6	A SAN BENITO
	27	22	18	41.0	36-31.4	121- 6.5	12.6	1.9	14	62	3.4	0.10	0.5	0.9	A SAN BENITO
	27	22	19	30.1	36-32.0	121- 5.9	12.5	1.4	7	139	3.3	0.08	1.0	2.1	C SAN BENITO
	27	22	21	7.8	36-31.3	121- 7.1	9.6	1.0	7	100	4.1	0.04	0.4	0.9	B SAN BENITO
	27	22	26	58.4	36-31.5	121- 6.5	12.2	1.4	9	114	3.4	0.05	0.4	0.7	B SAN BENITO
	27	22	28	4.8	36-31.3	121- 6.8	10.1	0.8	7	105	3.7	0.09	0.9	1.8	B SAN BENITO
	27	22	28	30.1	36-31.2	121- 7.1	10.8	0.8	8	99	4.1	0.07	0.6	1.1	B SAN BENITO
	27	22	28	38.6	36-31.4	121- 6.5	9.6	1.4	6	132	3.3	0.06	0.8	1.4	B SAN BENITO
	27	22	28	51.9	36-31.3	121- 6.9	10.0	2.4	16	102	3.8	0.14	0.6	1.2	B SAN BENITO
	27	22	30	12.6	36-31.6	121- 6.4	10.3	1.5	10	82	3.3	0.11	0.7	1.3	A SAN BENITO
	27	22	30	56.6	36-30.9	121- 6.9	9.1	1.1	7	139	3.6	0.08	0.8	1.3	B SAN BENITO
	27	22	31	29.1	36-31.6	121- 6.1	11.9	1.2	8	126	3.1	0.08	0.8	1.4	B SAN BENITO
	27	22	31	51.0	36-31.4	121- 6.4	10.7	1.0	8	114	3.1	0.06	0.5	1.0	B SAN BENITO

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MIN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE
FEB	27	22	34	27.4	36-31.8	121- 6.4	13.9	1.1	6	120	3.5	0.02	0.3	0.8 B	SAN BENITO
	27	22	35	34.1	36-31.6	121- 5.7	11.7	1.4	10	80	2.5	0.10	0.6	1.2 A	SAN BENITO
	27	22	38	17.8	36-31.3	121- 6.9	10.8	1.4	8	103	3.7	0.06	0.5	0.9 B	SAN BENITO
	27	22	40	45.7	36-31.0	121- 7.2	9.7	1.1	8	94	4.0	0.07	0.6	1.2 B	SAN BENITO
	27	22	41	45.8	37-24.7	121-44.9	6.1	1.4	19	84	5.8	0.14	0.5	1.0 A	MT DAY
	27	22	43	31.9	36-31.2	121- 6.5	10.4	1.0	7	108	3.2	0.07	0.8	1.2 B	SAN BENITO
	27	22	47	23.0	36-31.3	121- 6.8	10.2	1.0	7	104	3.7	0.07	0.7	1.4 B	SAN BENITO
	27	22	51	20.6	36-31.2	121- 6.9	8.9	0.9	7	101	3.7	0.08	0.8	1.6 B	SAN BENITO
	27	22	54	18.2	36-31.4	121- 6.4	12.4	2.1	19	63	3.2	0.13	0.5	0.7 A	SAN BENITO
	27	23	1	41.3	36-31.1	121- 6.7	10.0	1.3	9	102	3.3	0.08	0.5	1.0 B	SAN BENITO
	27	23	4	36.1	36-31.4	121- 6.2	11.9	0.9	7	130	2.9	0.09	1.1	1.9 B	SAN BENITO
	27	23	4	44.4	36-31.3	121- 6.2	11.5	1.7	8	152	2.9	0.07	0.7	1.1 B	SAN BENITO
	27	23	8	15.2	36-31.3	121- 7.0	10.4	1.6	12	58	3.9	0.12	0.6	1.3 A	SAN BENITO
	27	23	11	32.8	36-32.1	121- 6.4	11.7	1.1	8	121	3.9	0.07	0.7	1.3 B	SAN BENITO
	27	23	19	20.5	36-31.4	121- 6.4	8.9	1.3	8	114	3.2	0.09	0.7	1.4 B	SAN BENITO
	27	23	19	56.7	36-31.2	121- 6.7	10.2	1.4	8	104	3.4	0.06	0.5	1.0 B	SAN BENITO
	27	23	25	4.8	36-31.5	121- 7.0	10.3	2.2	21	58	4.0	0.13	0.5	0.8 A	SAN BENITO
	27	23	32	57.9	36-32.3	121- 5.9	11.1	1.2	9	89	3.7	0.10	0.7	1.5 A	SAN BENITO
	27	23	50	35.1	36-31.9	121- 5.3	8.2	0.9	7	155	2.6	0.06	0.6	1.0 B	SAN BENITO
	27	23	52	2.1	36-31.5	121- 6.4	11.4	1.0	6	131	3.2	0.07	0.9	1.7 B	SAN BENITO
	27	23	52	18.8	36-31.3	121- 6.9	12.2	1.4	8	103	3.7	0.08	0.6	1.3 B	SAN BENITO
	27	23	58	21.4	36-31.6	121- 7.1	11.7	1.7	11	58	4.2	0.12	0.7	1.4 A	SAN BENITO
	28	0	0	54.6	36-31.8	121- 6.1	12.2	1.3	7	122	3.2	0.07	0.7	1.2 B	SAN BENITO
	28	0	3	23.2	36-31.8	121- 6.0	12.6	1.7	14	69	3.1	0.11	0.6	1.1 A	SAN BENITO
	28	0	3	57.2	36-31.8	121- 6.1	13.0	1.5	11	79	3.2	0.09	0.6	1.1 A	SAN BENITO
	28	0	7	43.6	36-31.1	121- 7.0	10.2	0.7	7	99	3.8	0.05	0.5	1.1 B	SAN BENITO
	28	0	14	44.4	36-37.1	121-15.7	6.1	1.1	9	70	3.2	0.10	0.6	1.3 A	MT JOHNSON
	28	0	15	37.4	36-36.6	121-15.2	5.2	0.8	10	70	3.3	0.05	0.3	0.7 A	MT JOHNSON
	28	0	16	50.0	36-31.3	121- 6.7	9.5	1.1	8	108	3.5	0.08	0.6	1.1 B	SAN BENITO
	28	0	18	26.7	36-31.2	121- 6.8	10.4	0.8	6	136	3.6	0.06	0.8	1.7 B	SAN BENITO
	28	0	18	53.4	36-31.6	121- 6.9	10.8	1.7	11	83	4.0	0.10	0.6	1.1 A	SAN BENITO
	28	0	22	41.9	36-37.0	121-15.5	5.3	0.9	8	85	3.0	0.03	0.2	0.4 A	MT JOHNSON
	28	0	23	11.0	36-32.1	121- 6.0	13.1	2.2	23	68	3.6	0.15	0.6	0.5 B	SAN BENITO
	28	0	29	18.6	36-34.2	121-12.4	7.4	1.7	13	68	1.8	0.06	0.3	0.5 A	BICKMORE CANYON
	28	0	34	18.0	36-31.2	121- 7.1	8.1	1.0	6	123	3.9	0.08	1.0	1.8 B	SAN BENITO
	28	0	39	21.9	36-31.9	121- 5.3	8.8	1.2	6	144	2.6	0.03	0.5	0.6 B	SAN BENITO
	28	0	46	43.6	36-31.7	121- 6.2	12.1	0.9	7	128	3.3	0.05	0.6	1.0 B	SAN BENITO
	28	0	48	19.9	36-31.6	121- 6.5	11.2	0.8	6	130	3.4	0.09	1.2	2.1 B	SAN BENITO
	28	0	55	54.2	36-31.5	121- 5.8	10.5	0.6	6	129	2.5	0.07	0.9	1.6 B	SAN BENITO
	28	1	10	1.8	36-32.1	121- 6.3	13.7	1.3	10	122	3.8	0.06	0.5	0.4 B	SAN BENITO
	28	1	12	7.6	36-31.4	121- 6.9	10.2	1.9	16	57	3.9	0.10	0.5	0.9 A	SAN BENITO
	28	1	25	43.7	36-31.3	121- 6.1	11.7	0.7	6	154	2.7	0.08	1.1	1.6 C	SAN BENITO
	28	1	29	32.3	36-31.4	121- 7.1	10.4	0.7	9	103	4.2	0.09	0.6	1.5 B	SAN BENITO
	28	1	36	3.5	36-31.2	121- 7.0	8.4	1.2	8	99	3.8	0.08	0.6	1.2 B	SAN BENITO
	28	1	37	59.2	36-36.7	121-15.1	6.0	1.2	11	59	3.0	0.06	0.3	0.7 A	MT JOHNSON

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
FEB 28	1	52	28.8	36-31.8	121- 6.1	11.4	1.3	9	122	3.2	0.07	0.5	1.0	B	SAN BENITO
28	2	5	48.9	36-31.2	121- 7.1	9.3	1.2	7	99	4.0	0.09	0.8	1.8	B	SAN BENITO
28	2	7	6.6	36-31.2	121- 7.2	8.6	0.7	7	98	4.2	0.10	0.9	1.9	B	SAN BENITO
28	2	8	41.8	36-32.3	121- 6.1	11.6	1.6	13	75	3.9	0.10	0.5	1.0	A	SAN BENITO
28	2	17	45.7	36-31.2	121- 7.2	8.9	0.6	6	138	4.2	0.07	0.9	1.6	B	SAN BENITO
28	2	17	54.0	36-31.2	121- 7.4	9.4	1.3	7	95	4.4	0.08	0.8	1.7	B	SAN BENITO
28	2	17	55.6	36-31.3	121- 6.6	13.0	1.9	12	83	3.4	0.10	0.5	1.3	A	SAN BENITO
28	2	24	25.6	36-31.2	121- 7.2	11.0	1.0	7	137	4.1	0.08	0.8	1.4	B	SAN BENITO
28	2	31	27.7	36-31.4	121- 6.1	9.5	1.0	8	120	2.7	0.09	0.7	1.2	B	SAN BENITO
28	2	46	26.9	36-36.6	121-14.8	5.5	2.2	26	60	3.0	0.14	0.4	0.6	A	BICKMORE CANYON
28	2	47	24.2	36-59.1	121-26.5	8.6	1.0	13	64	3.6	0.13	0.6	1.3	A	SAN FELIPE
28	2	49	41.1	36-31.5	121- 6.0	12.2	1.1	8	122	2.8	0.09	0.8	1.4	B	SAN BENITO
28	2	50	26.9	36-35.5	121-13.6	5.2	1.2	7	75	3.8	0.02	0.2	0.5	A	BICKMORE CANYON
28	2	54	32.2	36-31.4	121- 6.4	11.4	2.1	18	64	3.2	0.14	0.6	1.1	A	SAN BENITO
28	2	59	0.7	36-31.9	121- 6.6	9.1	0.8	7	122	3.9	0.12	1.2	2.4	B	SAN BENITO
28	3	12	42.1	36-35.6	121-13.6	5.7	2.4	25	64	4.0	0.14	0.4	0.6	A	BICKMORE CANYON
28	3	14	6.9	36-31.2	121- 6.8	9.2	0.8	7	101	3.6	0.08	0.8	1.6	B	SAN BENITO
28	3	17	8.8	36-31.3	121- 6.8	10.4	1.1	8	105	3.6	0.09	0.7	1.4	B	SAN BENITO
28	3	22	49.8	36-31.3	121- 7.2	9.7	0.4	7	100	4.2	0.08	0.7	1.6	B	SAN BENITO
28	3	24	35.3	36-31.1	121- 6.5	9.6	1.1	8	103	3.2	0.09	0.7	1.2	B	SAN BENITO
28	3	24	59.6	36-31.0	121- 7.0	9.6	1.0	8	94	3.8	0.06	0.5	1.0	B	SAN BENITO
28	3	33	27.3	36-32.2	121- 7.7	4.7	1.2	7	110	5.6	0.09	0.7	1.9	B	BICKMORE CANYON
28	3	34	2.5	36-32.4	121- 8.0	4.8	1.0	7	110	6.2	0.18	1.4	3.8	B	BICKMORE CANYON
28	3	35	21.0	36-31.4	121- 6.6	9.9	1.9	17	59	3.5	0.13	0.5	0.8	A	SAN BENITO
28	3	42	8.1	36-31.2	121- 6.8	9.0	0.4	7	101	3.6	0.10	1.0	1.7	B	SAN BENITO
28	3	43	6.6	36-31.7	121- 5.9	12.4	2.0	20	70	2.9	0.12	0.5	0.8	A	SAN BENITO
28	3	53	47.9	36-32.1	121- 6.0	11.4	0.4	7	141	3.5	0.07	0.8	1.6	B	SAN BENITO
28	4	8	16.6	36-31.6	121- 5.9	10.6	1.6	10	81	2.8	0.10	0.6	1.1	A	SAN BENITO
28	4	9	53.3	36-38.0	121-15.5	7.2	1.3	11	54	2.2	0.05	0.3	0.6	A	PAICINES
28	4	17	10.4	36-31.2	121- 6.8	10.4	0.4	7	102	3.5	0.06	0.6	1.4	B	SAN BENITO
28	4	19	2.6	36-31.1	121- 6.7	9.6	1.0	7	106	3.3	0.08	0.7	1.3	B	SAN BENITO
28	4	43	27.6	36-31.1	121- 6.8	8.1	0.9	8	100	3.4	0.08	0.6	1.2	B	SAN BENITO
28	4	45	22.4	36-31.4	121- 6.6	11.9	0.6	7	112	3.4	0.08	0.9	1.8	B	SAN BENITO
28	4	50	39.9	36-31.1	121- 6.9	9.7	0.6	6	137	3.7	0.07	0.9	1.7	B	SAN BENITO
28	5	3	36.8	36-31.1	121- 6.9	9.1	1.4	8	97	3.7	0.09	0.7	1.4	B	SAN BENITO
28	5	7	22.0	36-31.1	121- 7.0	8.8	0.4	6	121	3.9	0.08	1.0	1.9	B	SAN BENITO
28	5	14	11.0	36-31.4	121- 7.2	8.7	1.0	7	101	4.3	0.09	0.9	1.9	B	SAN BENITO
28	5	14	28.4	36-31.7	121- 6.2	12.1	2.2	21	69	3.1	0.17	0.7	0.8	B	SAN BENITO
28	5	20	7.1	36-31.8	121- 7.9	4.2	1.1	6	101	5.5	0.12	1.1	3.9	B	BICKMORE CANYON
28	5	21	1.3	36-31.3	121- 6.4	10.3	0.7	8	110	3.0	0.10	0.8	1.4	B	SAN BENITO
28	5	26	54.6	36-31.2	121- 6.5	10.1	1.1	9	107	3.1	0.07	0.5	1.0	B	SAN BENITO
28	5	31	30.6	36-31.2	121- 6.6	10.2	1.5	12	83	3.3	0.09	0.5	0.9	A	SAN BENITO
28	5	40	52.7	36-31.1	121- 6.7	8.6	0.4	7	102	3.4	0.09	0.9	1.7	B	SAN BENITO
28	5	57	2.5	36-31.3	121- 6.7	10.6	0.8	8	106	3.5	0.05	0.4	0.8	B	SAN BENITO
28	6	2	56.0	36-31.1	121- 7.2	9.2	0.4	7	95	4.1	0.08	0.8	1.6	B	SAN BENITO

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ER2	Q	QUADRANGLE	
FEB	28	6	5	44.8	36-31.3	121- 6.7	9.5	1.7	9	106	3.4	0.06	0.4	0.8	B	SAN BENITO
	28	6	9	9.4	36-31.3	121- 6.9	10.4	0.4	7	105	3.8	0.07	0.7	1.4	B	SAN BENITO
	28	6	11	56.1	36-35.7	121-14.1	6.0	1.3	11	64	4.8	0.05	0.3	0.7	A	BICKMORE CANYON
	28	6	15	47.3	36-31.3	121- 6.4	9.8	1.2	8	112	3.1	0.10	0.7	1.4	B	SAN BENITO
	28	6	20	17.3	36-31.0	121- 6.9	9.3	0.3	7	97	3.6	0.10	0.9	1.9	B	SAN BENITO
	28	6	26	39.6	36-31.1	121- 6.8	8.7	0.5	7	99	3.5	0.08	0.8	1.6	B	SAN BENITO
	28	6	34	44.5	36-31.9	121- 8.0	3.9	0.8	7	103	5.8	0.16	1.2	1.2	B	BICKMORE CANYON
	28	6	41	43.2	36-34.4	121-12.4	7.4	2.4	26	67	1.6	0.14	0.4	0.8	A	BICKMORE CANYON
	28	6	47	40.3	36-31.3	121- 7.3	10.2	0.5	7	100	4.3	0.05	0.4	1.0	B	SAN BENITO
	28	6	51	49.6	36-30.9	121- 7.5	9.1	0.8	7	89	4.5	0.06	0.5	1.4	A	BICKMORE CANYON
	28	6	52	32.9	36-31.2	121- 7.8	8.3	0.5	7	92	5.0	0.07	0.6	1.5	B	BICKMORE CANYON
	28	6	55	45.4	36-31.0	121- 7.6	9.4	1.2	7	91	4.6	0.08	0.7	1.4	B	BICKMORE CANYON
	28	6	57	31.5	36-31.1	121- 7.7	8.2	0.4	7	90	4.9	0.08	0.7	1.6	B	BICKMORE CANYON
	28	7	1	10.6	36-34.4	121-12.4	6.4	1.2	8	73	1.6	0.06	0.5	0.8	A	BICKMORE CANYON
	28	7	11	10.1	36-31.5	121- 7.3	3.4	0.6	7	103	4.5	0.07	0.6	0.6	B	SAN BENITO
	28	7	17	49.6	36- 6.5	121-12.4	10.3	2.2	18	180	4.4	0.09	0.6	0.4	C	COSIO KNIB
	28	7	26	4.0	36-31.5	121- 6.3	10.9	0.5	7	120	3.2	0.07	0.8	1.6	B	SAN BENITO
	28	7	34	56.4	36-31.5	121- 6.2	11.3	1.4	11	121	3.1	0.06	0.4	0.7	B	SAN BENITO
	28	8	3	43.5	36-30.9	121- 6.9	8.6	0.7	6	94	3.6	0.08	0.9	2.1	B	SAN BENITO
	28	8	23	44.4	36-31.0	121- 6.6	9.4	0.8	8	99	3.2	0.06	0.4	0.8	B	SAN BENITO
	28	8	51	54.3	36-31.2	121- 6.9	8.5	0.4	7	101	3.7	0.09	0.8	1.7	B	SAN BENITO
	28	8	54	25.7	36-33.0	121- 5.9	12.1	1.8	12	127	4.9	0.08	0.5	0.9	B	SAN BENITO
	28	8	56	23.9	36-31.9	121- 8.1	3.9	0.9	7	101	5.8	0.15	1.2	1.2	B	BICKMORE CANYON
	28	9	1	27.9	36-33.0	121- 5.9	12.3	1.1	8	127	4.9	0.09	0.8	1.5	B	SAN BENITO
	28	9	4	1.7	36-33.9	121-12.2	7.4	1.0	7	96	1.7	0.02	0.2	0.3	B	BICKMORE CANYON
	28	9	6	1.0	36-33.0	121- 5.7	10.6	1.1	6	154	4.8	0.11	1.6	3.1	C	SAN BENITO
	28	9	15	56.0	36-31.5	121- 6.5	10.4	0.8	7	114	3.4	0.08	0.8	1.6	B	SAN BENITO
	28	9	22	35.8	36-31.2	121- 6.6	9.3	0.4	7	104	3.3	0.11	1.0	2.1	B	SAN BENITO
	28	9	47	26.2	36-30.6	121- 7.0	9.4	1.0	8	85	3.7	0.07	0.6	1.2	A	SAN BENITO
	28	10	0	49.0	36-31.3	121- 6.9	8.6	0.9	9	102	3.8	0.09	0.6	1.2	B	SAN BENITO
	28	10	6	9.6	36-30.9	121- 7.1	8.6	1.3	8	91	3.9	0.09	0.7	1.3	B	SAN BENITO
	28	10	33	13.3	36-30.7	121- 7.1	9.9	0.6	7	91	3.8	0.05	0.6	1.1	B	SAN BENITO
	28	10	38	3.7	36-31.2	121- 6.6	9.3	0.9	7	104	3.3	0.05	0.5	1.0	B	SAN BENITO
	28	10	39	39.4	36-31.2	121- 6.5	10.2	0.9	7	107	3.1	0.07	0.7	1.3	B	SAN BENITO
	28	10	47	0.4	36-31.0	121- 8.0	10.1	0.4	6	88	5.3	0.05	0.5	1.3	A	BICKMORE CANYON
	28	10	48	34.0	36-32.1	121- 6.4	9.7	0.7	7	131	4.0	0.09	1.0	1.8	B	SAN BENITO
	28	11	7	3.6	36-31.3	121- 6.4	9.5	1.4	10	111	3.0	0.08	0.5	0.8	B	SAN BENITO
	28	11	18	32.6	36-31.7	121- 6.6	12.7	1.7	11	117	3.8	0.04	0.3	0.5	B	SAN BENITO
	28	11	25	54.6	36-31.2	121- 6.6	10.8	0.6	7	105	3.3	0.05	0.5	1.2	B	SAN BENITO
	28	11	36	15.0	36-31.4	121- 6.6	9.6	0.5	7	112	3.4	0.10	0.9	1.9	P	SAN BENITO
	28	11	37	13.3	36-31.9	121- 6.9	9.6	1.2	7	117	4.3	0.07	0.7	1.5	B	SAN BENITO
	28	11	38	57.7	36-37.4	121-15.3	5.7	1.0	9	58	2.4	0.05	0.3	0.5	A	MT JOHNSON
	28	12	2	6.5	36-31.3	121- 6.6	10.0	1.2	9	109	3.4	0.09	0.7	1.3	B	SAN BENITO
	28	12	7	44.9	36-37.3	121-15.4	5.3	0.9	9	57	2.5	0.08	0.5	0.9	A	MT JOHNSON
	28	12	32	40.9	36-51.9	121-20.4	6.7	0.8	13	64	3.6	0.08	0.4	1.0	A	TRES PINOS



## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
FEB	28	12	56	1.5	36-31.0	121- 6.8	9.7	0.4	7	97	3.6	0.08	0.8	1.8	B	SAN BENITO
	28	12	59	39.9	36-33.1	121- 5.7	12.5	1.7	12	129	4.9	0.13	0.8	1.3	B	SAN BENITO
	28	13	3	14.7	36-31.3	121- 6.6	9.0	0.6	8	108	3.4	0.08	0.6	1.2	B	SAN BENITO
	28	13	4	16.0	36-31.4	121- 6.6	12.1	2.4	21	111	3.4	0.12	0.5	0.5	B	SAN BENITO
	28	13	10	36.6	36-31.3	121- 6.5	9.9	0.6	7	109	3.2	0.10	1.0	2.0	B	SAN BENITO
	28	13	56	56.2	36-31.4	121- 6.1	9.8	0.5	8	121	2.8	0.07	0.6	1.1	B	SAN BENITO
	28	13	57	49.7	36-31.4	121- 6.4	9.6	0.5	8	116	3.2	0.08	0.6	1.2	B	SAN BENITO
	28	14	4	21.2	36-31.0	121- 7.5	8.6	1.4	9	91	4.6	0.06	0.4	0.8	B	BICKMORE CANYON
	28	14	6	35.9	36-31.3	121- 6.8	11.2	2.0	20	106	3.6	0.12	0.5	0.7	B	SAN BENITO
	28	14	8	28.6	36-31.2	121- 6.8	9.7	1.2	8	102	3.5	0.08	0.6	1.2	B	SAN BENITO
	28	14	11	36.4	36-36.0	121-14.4	5.6	0.9	7	76	4.0	0.04	0.3	0.6	A	BICKMORE CANYON
	28	14	12	12.7	36-31.3	121- 6.7	9.0	0.7	7	106	3.4	0.08	0.8	1.7	B	SAN BENITO
	28	14	13	47.1	36-31.0	121- 7.3	9.4	1.2	8	92	4.1	0.06	0.5	0.9	B	SAN BENITO
	28	14	14	18.8	36-31.1	121- 7.4	9.7	1.3	9	93	4.4	0.08	0.5	1.1	B	SAN BENITO
	28	14	55	28.9	36-31.2	121- 7.1	9.4	1.3	7	137	4.0	0.08	0.8	1.3	B	SAN BENITO
	28	15	52	5.3	36-31.1	121- 7.5	8.9	1.8	10	93	4.5	0.09	0.5	1.1	B	SAN BENITO
	28	15	55	29.8	36-34.1	121-12.3	7.1	1.4	11	68	1.6	0.06	0.3	0.6	A	BICKMORE CANYON
	28	15	56	33.6	36-31.5	121- 6.3	11.8	2.2	19	67	3.1	0.13	0.5	0.7	A	SAN BENITO
	28	16	1	10.8	36-35.8	121-14.1	5.8	0.9	8	74	4.4	0.06	0.4	0.8	A	BICKMORE CANYON
	28	16	16	31.8	36-31.3	121- 5.8	8.2	1.2	6	124	2.3	0.12	1.4	2.4	B	SAN BENITO
	28	16	22	38.1	36-28.5	121- 5.6	4.8	1.1	8	107	4.2	0.08	0.6	1.6	B	NE 1/4 GREENFIELD
	28	16	37	30.7	36-31.1	121- 6.7	8.3	0.7	6	123	3.4	0.11	1.3	2.5	B	SAN BENITO
	28	16	37	42.6	36-31.1	121- 7.4	8.4	1.1	7	94	4.5	0.07	0.6	1.3	B	SAN BENITO
	28	16	51	6.2	36-31.2	121- 6.9	8.6	0.5	7	100	3.7	0.09	0.8	1.8	B	SAN BENITO
	28	16	53	14.4	36-30.9	121- 7.3	9.4	0.5	7	90	4.1	0.07	0.7	1.5	A	SAN BENITO
	28	16	53	40.3	36-30.6	121- 6.8	9.5	0.4	6	139	3.3	0.07	1.3	2.1	C	SAN BENITO
	28	16	57	21.1	36-31.3	121- 6.8	11.3	0.3	7	106	3.7	0.13	1.3	2.9	B	SAN BENITO
	28	17	12	25.2	36-30.9	121- 7.8	10.1	1.6	10	87	4.9	0.09	0.5	1.1	A	BICKMORE CANYON
	28	17	18	58.3	36-31.3	121- 7.3	11.8	1.2	10	99	4.3	0.11	0.6	1.5	B	SAN BENITO
	28	17	40	32.4	36-31.0	121- 7.1	8.7	1.4	7	93	4.0	0.08	0.8	1.6	B	SAN BENITO
	28	17	57	27.1	36-30.9	121- 7.0	8.0	1.0	6	92	3.8	0.08	0.9	2.0	B	SAN BENITO
	28	17	58	51.0	36-31.0	121- 6.9	10.1	2.0	17	60	3.6	0.12	0.5	0.8	A	SAN BENITO
	28	18	22	22.0	36-33.1	121- 5.7	13.1	1.1	7	154	5.0	0.09	1.0	2.2	C	SAN BENITO
	28	18	33	57.3	36-30.9	121- 7.1	8.9	0.8	6	92	3.8	0.06	0.7	1.5	B	SAN BENITO
	28	18	50	38.8	36-30.7	121- 7.0	9.4	0.9	7	90	3.7	0.06	0.6	1.3	B	SAN BENITO
	28	19	1	10.4	36-30.8	121- 7.2	7.6	0.8	7	91	4.0	0.08	0.7	1.5	B	SAN BENITO
	28	19	29	32.6	36-31.7	121- 5.6	10.7	1.7	10	79	2.6	0.13	0.8	1.5	A	SAN BENITO
	28	19	47	22.4	36-31.0	121- 7.4	9.0	0.5	7	91	4.3	0.06	0.5	1.2	B	SAN BENITO
	28	19	56	18.1	36-32.0	121- 6.3	12.0	0.5	6	132	3.8	0.09	1.3	2.4	B	SAN BENITO
	28	20	10	44.0	36-36.8	121-15.2	5.0	1.5	15	59	2.9	0.11	0.4	0.9	A	MT JOHNSON
	28	20	12	51.0	36-36.7	121-15.1	5.7	2.1	23	60	3.0	0.15	0.4	1.0	A	MT JOHNSON
	28	20	44	0.8	36-36.8	121-15.1	5.4	1.6	15	59	2.8	0.07	0.3	0.6	A	MT JOHNSON
	28	21	4	41.8	36-31.0	121- 7.6	9.1	1.4	8	114	4.7	0.09	0.7	1.4	B	BICKMORE CANYON
	28	21	15	23.9	37- 8.4	121-31.4	10.1	0.8	9	117	8.3	0.06	0.4	1.1	B	MT SIZER
	28	21	48	31.3	36-35.1	121-13.3	6.7	2.0	14	66	3.1	0.08	0.3	0.7	A	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
FEB	28	21	56	28.3	36-31.1	121- 7.4	8.6	0.9	7	93	4.3	0.09	0.8	1.9	B	SAN BENITO
	28	22	47	37.7	36-30.4	121- 6.7	8.6	1.1	8	93	3.2	0.09	0.7	1.3	B	SAN BENITO
	28	22	49	28.6	36-30.3	121- 6.8	8.2	1.5	9	77	3.4	0.06	0.4	0.8	A	SAN BENITO
	28	23	31	17.4	36-36.6	121-15.0	4.6	1.3	13	61	3.2	0.07	0.3	0.7	A	MT JOHNSON
	28	23	39	50.8	36-31.8	121- 6.4	12.7	1.4	10	80	3.5	0.11	0.8	1.3	A	SAN BENITO
	29	0	27	55.2	37-26.8	121-47.3	4.8	1.5	13	77	1.1	0.16	0.8	0.5	B	CALAVERAS RESERVOIR
	29	1	6	1.6	36-30.3	121- 7.0	8.1	0.9	6	145	3.7	0.09	1.2	2.1	C	SAN BENITO
	29	1	23	41.2	36-30.8	121- 6.8	8.7	0.9	6	158	3.5	0.07	0.9	1.3	B	SAN BENITO
	29	1	31	26.7	36-30.5	121- 6.9	8.3	1.2	8	93	3.5	0.08	0.6	1.1	B	SAN BENITO
	29	1	44	32.6	36-31.2	121- 6.7	9.8	1.4	9	86	3.5	0.11	0.7	1.5	A	SAN BENITO
	29	1	50	57.0	36-30.9	121- 7.1	8.2	0.7	7	90	3.9	0.10	0.9	1.8	A	SAN BENITO
	29	2	30	47.3	36-46.6	121-25.2	5.2	1.0	8	97	2.5	0.16	1.1	1.7	B	HOLLISTER
	29	2	36	43.9	36-55.0	121-30.9	2.6	1.1	11	72	0.7	0.09	0.4	0.2	A	CHITTENDEN
	29	3	40	35.4	36-33.8	121-11.7	8.3	1.9	16	80	1.4	0.11	0.4	0.9	A	BICKMORE CANYON
	29	4	47	48.6	36-31.6	121- 5.6	8.8	1.2	10	79	2.5	0.13	0.8	1.5	A	SAN BENITO
	29	5	0	48.9	37- 4.2	121-29.4	3.8	0.9	11	102	4.8	0.12	0.7	3.0	B	GILROY HOT SPRINGS
	29	5	19	17.4	36-30.9	121- 7.5	10.6	1.4	9	89	4.5	0.09	0.6	1.2	A	BICKMORE CANYON
	29	5	30	24.1	36-31.3	121- 7.3	11.3	2.4	21	51	4.4	0.14	0.5	0.8	A	SAN BENITO
	29	5	57	20.8	36-37.9	121-15.9	7.4	2.2	21	54	8.9	0.11	0.4	1.0	B	PAICINES
	29	7	27	27.6	36-31.6	121- 6.3	9.6	1.3	9	82	3.2	0.10	0.7	1.4	A	SAN BENITO
	29	9	8	49.9	36-34.4	121-12.5	7.6	1.8	13	67	1.7	0.06	0.3	0.5	A	BICKMORE CANYON
	29	10	49	27.8	36-30.8	121- 7.0	9.0	1.3	8	90	3.7	0.06	0.5	0.9	A	SAN BENITO
	29	11	14	8.5	36-45.8	121-27.7	3.7	2.3	24	49	1.5	0.17	0.5	0.4	B	HOLLISTER
	29	12	14	56.1	36-31.2	121- 6.4	11.2	0.9	8	108	3.0	0.05	0.4	0.3	B	SAN BENITO
	29	12	23	16.6	36-34.9	121-12.6	4.8	1.3	8	82	2.0	0.10	0.8	1.4	A	BICKMORE CANYON
	29	12	42	18.9	36-30.9	121- 7.8	9.8	0.7	7	90	5.0	0.04	0.4	0.9	A	BICKMORE CANYON
	29	13	47	4.5	36-31.1	121- 7.2	8.7	1.3	8	95	4.2	0.08	0.5	1.1	R	SAN BENITO
	29	14	13	54.9	36-31.9	121- 5.9	12.5	1.0	10	124	3.2	0.08	0.6	1.1	R	SAN BENITO
	29	14	15	52.0	36-30.6	121- 6.7	7.8	1.3	8	91	3.2	0.06	0.5	0.7	R	SAN BENITO
	29	16	8	38.6	36-31.1	121- 6.8	9.0	1.5	9	100	3.5	0.07	0.5	1.0	R	SAN BENITO
	29	17	12	5.1	36-31.1	121- 6.6	8.1	1.2	8	103	3.3	0.07	0.5	1.1	R	SAN BENITO
	29	17	29	17.6	36-31.4	121- 6.5	9.7	0.9	7	113	3.3	0.07	0.7	1.4	R	SAN BENITO
	29	18	27	15.9	36-31.2	121- 7.6	10.1	1.7	11	94	4.7	0.08	0.5	0.9	B	BICKMORE CANYON
	29	18	45	47.2	36-31.9	121- 6.3	13.5	1.1	8	122	3.5	0.05	0.4	1.2	R	SAN BENITO
	29	18	50	23.6	36-31.1	121- 6.7	8.0	1.8	8	101	3.4	0.07	0.5	1.0	R	SAN BENITO
	29	18	55	10.9	36-31.5	121- 5.9	8.0	1.2	8	123	2.5	0.10	0.7	1.2	B	SAN BENITO
	29	18	58	19.2	36-30.8	121- 7.6	8.2	1.1	7	90	4.5	0.05	0.5	1.3	B	BICKMORE CANYON
	29	19	9	24.8	36-31.7	121- 5.9	12.4	1.0	7	127	2.9	0.09	1.0	1.6	B	SAN BENITO
	29	19	11	58.0	36-31.4	121- 6.3	10.6	0.9	6	131	3.0	0.09	1.2	2.3	B	SAN BENITO
	29	19	59	8.6	36-31.4	121- 6.5	10.4	3.1	35	62	3.4	0.16	0.5	0.5	B	SAN BENITO
	29	20	13	11.4	36-31.2	121- 6.3	10.2	1.1	7	109	2.9	0.07	0.7	1.4	R	SAN BENITO
	29	20	36	41.1	36-58.7	121-26.6	8.1	0.6	10	61	3.7	0.09	0.5	1.1	A	SAN FELIPE
	29	20	58	35.0	36-59.1	121-26.5	8.3	0.9	12	63	3.6	0.11	0.6	1.2	A	SAN FELIPE
	29	21	25	17.5	36-31.8	121- 6.4	10.7	0.9	7	125	3.6	0.05	0.5	1.1	B	SAN BENITO
	29	21	32	23.1	36-31.4	121- 6.9	10.1	2.9	25	56	3.8	0.17	0.6	0.8	B	SAN BENITO



## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE	
FEB	29	21	43	7.9	36-31.1	121- 7.4	9.4	1.4	9	93	4.4	0.08	0.5	1.1	B	SAN BENITO
	29	21	44	50.6	36-31.0	121- 7.3	9.1	1.2	7	92	4.2	0.05	0.5	1.0	B	SAN BENITO
	29	21	47	6.7	36-31.0	121- 7.3	9.3	1.5	10	92	4.2	0.10	0.7	1.3	B	SAN BENITO
	29	21	51	58.7	36-31.1	121- 7.1	8.9	1.5	8	96	4.0	0.06	0.5	0.9	B	SAN BENITO
	29	22	2	52.0	36-31.0	121- 7.3	9.5	0.9	6	93	4.2	0.06	0.7	1.6	B	SAN BENITO
	29	22	25	10.1	36-31.1	121- 6.8	8.2	1.1	7	101	3.5	0.08	0.7	1.4	B	SAN BENITO
	29	22	25	29.9	36-31.1	121- 7.6	10.7	1.9	15	58	4.7	0.08	0.4	0.7	A	BICKMORE CANYON
	29	22	31	58.2	36-34.5	121-12.7	6.3	2.7	26	67	2.1	0.17	0.5	0.7	B	BICKMORE CANYON
	29	22	34	34.8	36-34.7	121-12.7	4.5	2.4	23	66	2.0	0.16	0.5	0.7	B	BICKMORE CANYON
	29	23	3	11.6	36-31.0	121- 6.7	8.4	1.1	7	137	3.4	0.11	1.1	1.7	C	SAN BENITO
MAR	29	23	48	41.6	36-31.2	121- 7.0	10.5	2.3	21	50	3.9	0.15	0.6	0.9	B	SAN BENITO
	29	23	59	47.8	36-31.1	121- 7.0	8.8	1.3	8	97	3.9	0.07	0.5	1.1	B	SAN BENITO
	1	0	6	5.1	36-27.4	120-38.6	4.2	1.4	6	265	18.3	0.08	2.1	0.6	C	NW 1/4 NEW IRIA
	1	1	4	21.3	36-31.9	121- 6.4	11.9	1.7	17	121	3.7	0.11	0.6	0.7	B	SAN BENITO
	1	2	26	39.2	36-30.8	121- 7.1	8.7	0.9	6	141	3.9	0.08	1.1	1.9	C	SAN BENITO
	1	2	32	57.7	36-31.1	121- 7.2	10.0	1.2	9	94	4.1	0.07	0.5	0.9	B	SAN BENITO
	1	2	33	59.7	36-37.0	121-15.4	5.0	1.6	16	58	7.5	0.13	0.5	1.8	B	MT JOHNSON
	1	2	55	33.8	36-31.1	121- 7.5	9.5	1.6	10	93	4.5	0.12	0.8	1.6	B	SAN BENITO
	1	3	3	58.4	36-34.4	121-12.6	6.2	1.5	16	67	1.9	0.10	0.4	0.9	A	BICKMORE CANYON
	1	3	5	51.8	36-31.2	121- 7.2	9.0	1.0	8	98	4.2	0.07	0.5	1.1	B	SAN BENITO
	1	3	58	25.4	36-31.1	121- 7.1	9.0	0.7	8	96	4.0	0.07	0.5	1.3	B	SAN BENITO
	1	4	14	34.6	36-31.4	121- 6.9	10.9	2.0	16	56	3.9	0.13	0.6	1.1	A	SAN BENITO
	1	4	17	4.1	36-30.9	121- 7.2	8.2	1.2	7	115	4.0	0.07	0.6	1.2	B	SAN BENITO
	1	4	19	58.1	37- 8.8	121-28.5	4.3	0.7	9	135	6.1	0.15	1.0	3.3	B	MISSISSIPPI CREEK
	1	5	11	24.4	36-33.7	121-11.3	4.1	2.6	25	65	1.5	0.18	0.5	0.8	B	BICKMORE CANYON
	1	6	43	12.4	36-35.9	121-13.9	3.9	1.6	12	64	4.6	0.10	0.5	0.6	A	BICKMORE CANYON
	1	6	58	4.2	36-31.4	121- 6.6	9.6	1.7	10	83	3.5	0.11	0.7	1.3	A	SAN BENITO
	1	9	7	9.7	36-32.6	121- 4.9	8.6	1.0	7	163	3.7	0.13	1.6	2.8	C	SAN BENITO
	1	10	50	31.7	36-31.1	121- 7.3	9.8	1.5	11	95	4.3	0.07	0.4	0.8	B	SAN BENITO
	1	11	11	20.1	36-34.4	121-12.7	6.9	1.5	10	68	2.1	0.05	0.3	0.6	A	BICKMORE CANYON
	1	11	39	49.9	36-31.0	121- 7.8	10.4	1.6	11	88	4.9	0.08	0.5	1.0	A	BICKMORE CANYON
	1	11	39	58.6	36-31.3	121- 7.4	10.6	3.8	41	51	4.5	0.17	0.5	0.5	B	SAN BENITO
	1	11	42	25.0	36-31.0	121- 7.6	10.3	1.8	11	90	4.7	0.07	0.4	1.0	B	BICKMORE CANYON
	1	11	45	7.2	36-30.9	121- 7.7	8.3	1.0	6	143	4.7	0.05	0.7	1.3	B	BICKMORE CANYON
	1	11	46	53.5	36-31.3	121- 7.3	8.5	0.7	7	99	4.3	0.08	0.7	1.5	B	SAN BENITO
	1	11	48	30.6	36-30.9	121- 7.7	9.7	1.1	7	90	4.8	0.05	0.5	1.1	A	BICKMORE CANYON
	1	11	49	8.2	36-31.1	121- 7.5	9.0	1.0	8	92	4.5	0.07	0.5	1.2	B	SAN BENITO
	1	11	50	38.7	36-31.1	121- 7.7	11.0	1.9	14	58	4.9	0.08	0.4	0.8	A	BICKMORE CANYON
	1	11	51	9.7	36-30.9	121- 8.3	9.7	1.4	10	90	5.7	0.07	0.4	1.0	A	BICKMORE CANYON
	1	11	52	11.5	36-31.0	121- 7.5	8.0	0.6	7	91	4.5	0.07	0.6	1.4	B	BICKMORE CANYON
	1	11	53	24.4	36-34.8	121-12.7	4.4	0.8	6	89	2.0	0.02	0.2	0.3	A	BICKMORE CANYON
	1	11	55	50.0	36-30.6	121- 8.2	8.6	0.6	9	93	5.4	0.17	1.0	2.9	B	BICKMORE CANYON
	1	11	57	39.6	36-31.0	121- 7.7	9.8	1.8	14	88	4.8	0.07	0.3	0.6	A	BICKMORE CANYON
	1	11	58	11.9	36-31.3	121- 7.4	10.2	2.4	22	51	4.4	0.15	0.6	0.9	B	SAN BENITO
	1	12	1	13.5	36-31.1	121- 7.9	10.1	2.0	17	53	5.0	0.08	0.3	0.7	A	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
MAR	1	12	3	47.6	36-31.2	121- 7.1	9.5	0.4	7	100	4.0	0.08	0.8	1.7	B	SAN BENITO
	1	12	4	39.4	36-31.2	121- 7.6	8.4	0.4	7	95	4.7	0.07	0.7	1.4	B	BICKMORE CANYON
	1	12	5	2.6	36-31.0	121- 7.5	9.9	0.5	7	89	4.6	0.08	0.8	1.7	A	BICKMORE CANYON
	1	12	5	26.1	36-30.9	121- 7.2	9.6	0.7	7	90	4.0	0.09	0.8	1.8	B	SAN BENITO
	1	12	7	30.5	36-31.2	121- 7.2	9.7	1.1	9	97	4.1	0.06	0.4	0.9	B	SAN BENITO
	1	12	7	41.9	36-31.1	121- 7.9	10.4	1.5	7	89	5.1	0.06	0.5	1.2	A	BICKMORE CANYON
	1	12	8	23.2	36-31.0	121- 7.3	10.1	1.0	7	106	4.3	0.03	0.3	0.6	B	SAN BENITO
	1	12	10	21.6	36-31.0	121- 8.0	10.5	1.1	8	88	5.2	0.05	0.4	0.8	A	BICKMORE CANYON
	1	12	19	14.7	36-31.2	121- 7.8	10.1	1.1	6	126	5.0	0.04	0.5	1.5	B	BICKMORE CANYON
	1	12	20	54.6	36-30.8	121- 7.8	9.9	1.0	7	106	4.9	0.06	0.6	1.2	B	BICKMORE CANYON
	1	12	22	26.7	36-31.3	121- 7.4	9.7	1.0	7	96	4.5	0.06	0.6	1.3	B	SAN BENITO
	1	12	25	20.6	36-31.0	121- 7.6	10.0	1.2	8	91	4.6	0.07	0.5	1.1	B	BICKMORE CANYON
	1	12	29	25.0	36-31.0	121- 7.5	10.5	1.0	8	90	4.5	0.04	0.3	0.8	B	BICKMORE CANYON
	1	12	41	16.8	36-31.2	121- 7.5	7.9	0.6	7	94	4.5	0.08	0.8	1.6	B	SAN BENITO
	1	12	44	41.3	35-45.5	121-24.7	2.9	3.8	34	205	42.3	0.20	1.9	0.7	C	VILLA CREEK
	1	12	50	41.7	36-31.2	121- 7.7	9.1	0.6	7	93	4.9	0.07	0.7	1.4	B	BICKMORE CANYON
	1	12	55	1.9	36-31.2	121- 7.3	10.3	0.6	7	96	4.2	0.07	0.7	1.5	B	SAN BENITO
	1	12	55	20.5	36-31.0	121- 7.5	10.1	1.2	9	90	4.5	0.05	0.3	0.6	B	BICKMORE CANYON
	1	13	20	53.4	36-30.9	121- 8.2	9.0	0.5	7	90	5.4	0.05	0.5	1.1	B	BICKMORE CANYON
	1	13	36	53.0	36-48.9	121-23.3	9.6	1.2	14	64	4.8	0.06	0.3	0.7	A	HOLLISTER
1	14	9	56.6	36-35.6	121-13.9	7.5	2.3	26	65	4.3	0.16	0.5	1.1	B	BICKMORE CANYON	
1	14	18	5.1	36-31.2	121- 7.5	9.1	0.7	7	95	4.6	0.04	0.4	1.0	B	BICKMORE CANYON	
1	14	20	52.2	35-49.9	121-21.0	8.2	1.8	12	238	32.4	0.14	3.4	1.8	D	BURRO MTN	
1	14	34	51.3	35-47.8	121-24.6	7.3	1.6	8	258	38.6	0.13	6.3	3.0	D	VILLA CREEK	
1	14	47	59.2	36-31.0	121- 6.1	10.3	1.5	10	86	5.4	0.07	0.5	0.9	A	BICKMORE CANYON	
1	14	54	6.0	36-35.7	121-13.9	5.5	2.1	20	64	4.4	0.12	0.4	0.5	A	BICKMORE CANYON	
1	15	49	40.7	36-35.7	121-13.7	4.5	1.3	9	72	4.2	0.06	0.4	0.9	A	BICKMORE CANYON	
1	15	54	11.9	36-35.9	121-14.0	5.7	1.9	17	63	4.8	0.12	0.4	1.2	A	BICKMORE CANYON	
1	16	11	52.4	36-35.6	121-13.9	5.3	1.1	9	65	4.2	0.04	0.2	0.5	A	BICKMORE CANYON	
1	16	12	23.8	36-35.0	121-13.3	11.1	3.6R	17	66	3.0	0.10	0.4	0.5	A	BICKMORE CANYON	
1	16	19	50.1	35-47.3	121-23.7	5.6	2.7	19	245	38.6	0.15	2.8	1.5	D	VILLA CREEK	
1	16	21	1.3	36-34.8	121-13.5	9.7	1.1	8	90	3.2	0.04	0.3	0.9	A	BICKMORE CANYON	
1	16	22	23.1	36-34.8	121-13.3	7.9	2.0	12	68	2.9	0.08	0.4	0.8	A	BICKMORE CANYON	
1	16	31	19.1	36-34.6	121-12.6	6.6	1.7	11	67	1.9	0.05	0.3	0.5	A	BICKMORE CANYON	
1	17	4	8.0	36-31.1	121- 7.5	8.8	1.1	6	92	4.6	0.08	0.8	1.9	B	BICKMORE CANYON	
1	17	11	39.8	36-31.0	121- 7.7	11.2	2.2	14	89	4.8	0.07	0.4	0.7	A	BICKMORE CANYON	
1	17	26	38.0	36-31.1	121- 7.6	8.9	0.7	7	92	4.8	0.07	0.6	1.4	B	BICKMORE CANYON	
1	17	34	19.6	36-32.4	121- 6.1	11.6	2.4	20	67	4.2	0.14	0.5	0.7	A	SAN BENITO	
1	17	37	44.5	36-34.8	121-13.4	9.9	2.1	22	68	3.1	0.10	0.3	0.7	A	BICKMORE CANYON	
1	18	32	17.7	36-30.9	121- 7.6	9.1	1.1	6	89	4.6	0.10	1.2	2.5	B	BICKMORE CANYON	
1	18	45	50.6	36-35.4	121-13.7	6.4	1.4	13	65	3.9	0.07	0.3	0.8	A	BICKMORE CANYON	
1	19	1	9.3	35-45.7	121-25.3	3.0	2.7	20	248	42.3	0.14	2.6	1.0	D	VILLA CREEK	
1	19	20	48.4	36-31.4	121- 7.6	5.4	0.8	6	116	4.8	0.06	0.7	1.6	B	BICKMORE CANYON	
1	19	42	57.0	36-31.1	121- 7.3	9.8	1.2	7	95	4.2	0.08	0.7	1.4	B	SAN BENITO	
1	19	43	9.9	36-31.2	121- 7.4	9.6	2.0	17	51	4.4	0.08	0.3	0.5	A	SAN BENITO	

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE
MAR	1	19	46	32.5	36-31.2	121- 8.1	5.4	0.9	6	142	5.4	0.04	0.4	0.9 B	BICKMORE CANYON
	1	19	53	1.3	36-31.4	121- 7.4	10.3	2.6	24	51	4.5	0.14	0.5	0.8 A	SAN BENITO
	1	19	54	47.3	36-31.3	121- 7.7	8.7	1.2	7	94	4.8	0.08	0.7	1.5 B	BICKMORE CANYON
	1	20	4	50.2	36-31.0	121- 7.6	8.8	1.3	8	89	4.7	0.06	0.4	0.9 A	BICKMORE CANYON
	1	20	11	58.6	36-31.1	121- 7.9	8.5	0.9	7	89	5.1	0.09	0.8	1.9 A	BICKMORE CANYON
	1	20	57	25.1	36-31.2	121- 7.6	9.3	0.8	7	93	4.7	0.04	0.4	0.9 B	BICKMORE CANYON
	1	21	0	45.0	36-31.1	121- 7.4	8.8	0.8	7	93	4.4	0.08	0.7	1.5 B	SAN BENITO
	1	21	3	36.8	36-32.2	121- 6.5	10.7	1.1	8	121	4.2	0.09	0.7	1.4 B	SAN BENITO
	1	21	16	46.8	36-31.3	121- 7.7	9.1	1.7	10	95	4.9	0.07	0.5	0.9 B	BICKMORE CANYON
	1	22	17	11.9	36-31.7	121- 7.5	8.6	1.2	8	105	4.8	0.15	1.2	2.3 B	SAN BENITO
	1	23	36	29.0	36-33.3	121-11.0	4.3	1.6	12	84	2.2	0.09	0.4	0.8 A	BICKMORE CANYON
	1	23	58	9.9	36-30.8	121- 7.6	8.3	1.2	6	143	4.5	0.06	0.8	1.5 B	BICKMORE CANYON
	2	0	6	14.1	36-31.1	121- 7.8	9.8	2.2	14	89	5.0	0.09	0.4	0.7 A	BICKMORE CANYON
	2	0	43	28.2	36-31.3	121- 7.0	10.3	1.1	7	136	3.9	0.06	0.6	0.9 B	SAN BENITO
	2	1	12	52.9	36-31.3	121- 6.9	10.8	1.1	8	104	3.7	0.07	0.6	1.1 B	SAN BENITO
	2	1	23	53.5	36-32.3	121- 6.6	8.4	1.7	11	65	4.4	0.13	0.7	1.4 A	SAN BENITO
	2	1	46	11.0	36-31.3	121- 6.8	10.9	2.4	23	57	3.6	0.17	0.6	1.0 B	SAN BENITO
	2	2	15	2.7	36-31.0	121- 7.2	9.0	0.6	7	93	4.0	0.07	0.7	1.5 B	SAN BENITO
	2	2	25	53.2	36-31.9	121- 7.6	4.4	1.2	7	107	5.2	0.05	0.4	1.3 B	BICKMORE CANYON
	2	2	51	32.3	36-31.0	121- 7.8	9.1	1.1	7	88	4.9	0.05	0.5	1.1 A	BICKMORE CANYON
	2	4	47	15.1	36-34.8	121-13.4	8.3	1.1	7	90	3.2	0.02	0.2	0.4 A	BICKMORE CANYON
	2	5	17	45.8	36-31.2	121- 7.1	8.7	0.7	7	98	3.9	0.08	0.7	1.5 B	SAN BENITO
	2	5	20	24.6	36-30.6	121- 7.8	3.8	1.0	7	93	4.9	0.09	0.7	0.7 B	BICKMORE CANYON
	2	5	34	39.6	36-31.0	121- 7.6	10.0	0.9	7	89	4.7	0.05	0.5	1.1 A	BICKMORE CANYON
	2	5	49	24.6	36-31.5	121- 6.1	11.7	1.1	9	122	2.9	0.06	0.5	0.9 B	SAN BENITO
	2	6	19	2.5	36-31.2	121- 7.3	10.3	0.7	7	97	4.4	0.07	0.7	1.5 B	SAN BENITO
	2	6	24	39.8	36-31.1	121- 7.7	10.4	0.8	7	91	4.8	0.05	0.5	1.1 B	BICKMORE CANYON
	2	6	50	5.6	36-30.9	121- 6.8	8.0	0.6	7	95	3.5	0.09	0.8	1.8 B	SAN BENITO
	2	7	1	5.2	36-31.0	121- 7.9	8.9	0.8	7	89	5.1	0.07	0.6	1.5 A	BICKMORE CANYON
	2	7	18	58.6	36-19.7	120-56.0	8.7	1.1	7	100	1.5	0.14	1.3	2.0 B	SW 1/4 HERNANDEZ VALLE
	2	7	34	44.0	36-35.4	121-13.6	6.5	1.2	10	71	3.8	0.09	0.6	1.3 A	BICKMORE CANYON
	2	8	17	4.8	36-34.5	121-12.5	6.8	0.8	9	72	1.7	0.03	0.2	0.3 A	BICKMORE CANYON
	2	8	17	14.8	36-34.5	121-12.7	6.5	1.0	7	84	2.0	0.03	0.3	0.5 A	BICKMORE CANYON
	2	9	33	56.6	36-31.2	121- 7.3	8.5	0.8	6	121	4.2	0.08	0.9	1.8 B	SAN BENITO
	2	9	59	30.0	36-31.4	121- 6.4	10.1	1.0	8	115	3.2	0.07	0.6	1.1 B	SAN BENITO
	2	10	30	38.6	36-31.3	121- 7.5	11.9	2.6	24	52	4.6	0.15	0.5	0.6 A	SAN BENITO
	2	10	31	36.5	36-31.2	121- 7.9	9.6	1.7	9	91	5.1	0.07	0.5	1.0 B	BICKMORE CANYON
	2	10	43	10.1	36-31.4	121- 6.0	10.2	0.7	8	122	2.7	0.09	0.7	1.3 B	SAN BENITO
	2	11	40	9.0	36-31.2	121- 6.9	6.9	0.8	7	101	3.7	0.10	0.9	1.9 B	SAN BENITO
	2	12	2	15.3	35-46.4	121-23.1	3.4	2.1	15	246	39.5	0.22	1.9	1.4 C	VILLA CREEK
	2	12	11	8.3	36-31.1	121- 6.8	9.0	1.0	8	98	3.5	0.07	0.5	1.1 B	SAN BENITO
	2	12	11	17.2	36-31.3	121- 6.9	7.8	1.4	9	103	3.7	0.09	0.6	1.1 B	SAN BENITO
	2	12	22	32.2	36-35.8	121-14.0	5.3	0.8	7	73	4.3	0.04	0.3	0.7 A	BICKMORE CANYON
	2	13	10	34.4	36-34.5	121-12.8	7.1	2.1	18	68	2.2	0.11	0.4	0.9 A	BICKMORE CANYON
	2	13	28	38.4	36-31.1	121- 7.7	8.0	0.6	7	91	4.8	0.04	0.4	0.9 B	BICKMORE CANYON

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE	
MAR	2	13	29	7.7	36-30.6	121- 6.7	8.9	0.5	7	91	3.3	0.06	0.6	1.3	B	SAN BENITO
	2	13	50	39.4	36-31.9	121- 6.3	9.9	1.3	8	121	3.6	0.12	0.9	2.0	B	SAN BENITO
	2	16	10	33.3	36-30.9	121- 7.8	9.6	1.2	8	90	4.9	0.05	0.4	0.8	A	BICKMORE CANYON
	2	17	43	38.8	36-31.3	121- 8.0	10.9	0.6	6	124	5.3	0.04	0.4	1.2	B	BICKMORE CANYON
	2	18	28	12.6	37-44.8	122-32.8	6.1	2.1	15	166	13.8	0.15	0.9	0.7	C	***GULF OF THE FARALLONES***
	2	19	4	51.5	36-34.5	121-12.3	5.0	2.7	24	66	1.5	0.15	0.5	0.7	B	BICKMORE CANYON
	2	19	32	23.3	36-31.1	121- 8.1	10.0	2.3	16	89	5.4	0.09	0.4	0.8	A	BICKMORE CANYON
	2	19	41	24.6	36-30.8	121- 7.6	10.2	1.3	6	132	4.6	0.01	0.1	0.2	B	BICKMORE CANYON
	2	19	57	2.0	36-31.9	121- 6.4	11.8	2.1	15	67	3.7	0.10	0.5	0.7	A	SAN BENITO
	2	20	14	16.4	36-31.1	121- 7.4	8.9	0.8	6	139	4.4	0.06	0.8	1.4	B	SAN BENITO
	2	22	14	39.6	36-30.9	121- 7.8	9.6	0.9	6	111	4.9	0.04	0.5	1.0	B	BICKMORE CANYON
	2	22	18	58.5	36-35.6	121-14.2	6.4	1.5	14	65	4.5	0.11	0.4	0.9	A	BICKMORE CANYON
	2	22	42	45.7	36-30.9	121- 7.9	9.6	1.7	7	105	5.1	0.04	0.4	0.7	A	BICKMORE CANYON
	3	2	26	11.1	36-31.3	121- 7.1	11.7	1.0	7	101	4.1	0.05	0.4	0.9	B	SAN BENITO
	3	3	11	21.6	36-30.6	121- 6.9	9.6	0.6	9	92	3.6	0.09	0.6	1.3	A	SAN BENITO
	3	3	11	25.4	36-32.0	121- 7.2	9.6	1.7	11	79	4.7	0.13	0.7	1.4	A	SAN BENITO
	3	3	25	21.7	37- 9.8	121-33.3	5.9	1.1	11	112	6.1	0.13	0.6	1.8	B	MT SIZER
	3	3	32	26.4	36-36.7	121-15.0	4.9	1.6	16	60	2.9	0.13	0.5	1.1	A	BICKMORE CANYON
	3	5	17	29.8	36-31.1	121- 7.3	11.6	1.2	10	95	4.2	0.15	1.0	2.0	B	SAN BENITO
	3	5	44	33.9	36-35.1	121-13.1	5.1	0.6	7	76	2.9	0.04	0.3	0.6	A	BICKMORE CANYON
	3	5	53	58.7	36-34.7	121-12.5	5.3	1.4	9	92	1.8	0.04	0.3	0.5	B	BICKMORE CANYON
	3	7	6	8.9	36-34.9	121-13.1	5.4	1.5	14	66	2.7	0.09	0.4	1.0	A	BICKMORE CANYON
	3	8	4	21.8	36-31.4	121- 5.8	12.2	1.0	7	123	2.4	0.04	0.4	0.8	B	SAN BENITO
	3	8	23	7.2	36-31.7	121- 5.7	9.3	1.1	8	125	2.7	0.08	0.6	1.1	B	SAN BENITO
	3	9	15	2.9	37- 0.4	121-42.0	10.8	0.9	11	121	5.9	0.10	0.7	1.7	B	MT MADONNA
	3	9	35	42.5	36-31.9	121- 6.1	9.6	0.6	6	134	3.3	0.02	0.3	0.7	B	SAN BENITO
	3	10	33	19.6	37-44.9	122- 8.6	1.5	2.3	27	44	4.6	0.17	0.5	0.6	B	SAN LEANDRO
	3	10	46	5.8	36-19.2	120-54.8	4.0	1.1	7	94	1.4	0.09	0.7	1.2	A	SW 1/4 HERNANDEZ VALLEY
	3	11	0	12.5	37-44.9	122- 8.6	1.5	1.2	13	74	4.7	0.14	0.6	0.6	A	SAN LEANDRO
	3	11	30	35.9	36-35.1	121-13.1	4.3	1.3	12	66	2.9	0.11	0.5	1.3	A	BICKMORE CANYON
	3	12	31	5.1	36-36.5	121-14.8	5.6	1.7	18	60	3.1	0.13	0.4	1.0	A	BICKMORE CANYON
	3	12	55	20.0	36-36.0	121-14.5	5.9	2.9	32	63	3.9	0.13	0.3	0.5	A	BICKMORE CANYON
	3	14	59	55.0	36-32.6	121- 8.8	3.0	1.8	9	100	5.1	0.12	0.7	1.0	B	BICKMORE CANYON
	3	15	9	32.6	36-32.1	121- 6.8	6.4	1.5	7	123	4.4	0.13	1.9	4.5	B	SAN BENITO
	3	16	10	13.4	36-34.4	121-12.9	10.5	1.6	12	72	2.4	0.12	0.6	1.6	A	BICKMORE CANYON
	3	16	47	18.4	36-30.7	121- 7.8	6.8	0.6	6	92	4.9	0.09	1.0	2.7	B	BICKMORE CANYON
	3	17	42	32.1	36-38.0	121-15.8	7.1	1.7	15	55	2.6	0.14	0.6	1.2	A	PAICINES
	3	17	56	19.5	35-50.4	121-23.9	6.8	2.0	12	247	34.0	0.12	3.0	1.3	D	VILLA CREEK
	3	18	23	50.9	36-35.6	121-13.7	4.7	1.2	10	67	4.1	0.06	0.3	0.8	A	BICKMORE CANYON
	3	18	36	36.6	36-31.4	121- 8.1	7.0	1.1	8	80	5.5	0.06	0.4	1.3	A	BICKMORE CANYON
	3	18	49	6.5	36-32.3	121- 8.3	0.5	1.5	7	77	6.1	0.07	0.5	0.6	B	BICKMORE CANYON
	3	22	41	36.4	36-32.0	121- 7.7	4.2	1.7	8	80	5.4	0.12	0.8	2.5	B	BICKMORE CANYON
	3	23	30	54.0	35-54.9	120-28.5	3.9	1.9	8	110	3.5	0.11	0.8	0.5	B	PAPFIELD
	3	23	36	7.9	37-18.7	121-38.4	5.9	1.6	15	67	3.4	0.15	0.6	1.0	A	LICK OBSERVATORY
	4	1	47	13.0	36-58.9	121-25.9	4.5	0.8	11	64	2.7	0.12	0.6	1.6	A	SAN FELIPE

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
MAR	4	1	51	15.3	37- 0.5	121-41.8	10.3	1.0	10	142	6.2	0.10	0.8	1.8	B	MT MADONNA
	4	2	38	29.6	35-57.1	121- 0.0	10.6	1.1	7	205	21.1	0.09	1.3	1.2	C	WILLIAMS HILL
	4	2	52	53.8	36-30.4	121- 6.8	7.9	1.2	9	94	3.4	0.08	0.5	1.0	B	SAN BENITO
	4	3	35	3.3	37-52.6	121-59.7	4.9	1.3	6	77	8.8	0.29	2.8	2.4	C	CLAYTON
	4	4	41	15.8	37-53.4	121-59.2	1.2	1.8	12	75	7.6	0.19	0.6	0.7	B	CLAYTON
	4	4	43	16.6	36-31.5	121- 5.8	8.0	0.9	9	83	2.5	0.11	0.7	1.4	A	SAN BENITO
	4	5	57	26.5	36-31.6	121- 6.9	11.0	3.5 <sup>R</sup>	41	68	4.0	0.15	0.4	0.4	B	SAN BENITO
	4	6	16	37.5	36-36.1	121-14.1	4.2	1.5	17	62	3.7	0.10	0.4	0.9	A	BICKMORE CANYON
	4	8	15	28.6	36-31.3	121- 7.1	9.4	1.3	11	61	4.1	0.08	0.5	1.0	A	SAN BENITO
	4	10	9	56.9	36-32.2	121- 7.5	4.2	1.0	7	96	5.4	0.06	0.5	1.3	B	BICKMORE CANYON
4	10	34	42.7	36-32.1	121- 6.0	10.4	0.6	7	84	3.6	0.06	0.6	1.1	A	SAN BENITO	
4	10	44	7.0	36-55.3	121-31.2	1.9	1.4	13	59	1.2	0.12	0.5	0.3	A	CHITTENDEN	
4	12	24	56.0	36-31.3	121- 6.4	9.9	1.1	10	84	3.1	0.10	0.6	1.2	A	SAN BENITO	
4	14	4	24.3	36-31.5	121- 6.2	10.0	1.4	12	80	3.1	0.07	0.4	0.7	A	SAN BENITO	
4	14	10	37.1	37- 0.3	121-42.2	10.6	0.7	10	125	5.8	0.13	1.0	2.2	B	MT MADONNA	
4	16	24	22.5	36-30.7	121- 7.5	9.9	0.6	7	135	4.4	0.05	0.6	1.3	B	SAN BENITO	
4	16	47	18.6	36-36.8	121- 8.9	6.9	0.8	9	87	5.5	0.09	0.6	1.0	A	BICKMORE CANYON	
4	17	39	6.1	36-31.3	121- 7.1	10.6	1.1	8	85	4.1	0.07	0.6	1.3	A	SAN BENITO	
4	18	20	26.7	36-31.1	121- 6.6	8.8	0.5	8	86	3.3	0.09	0.7	1.7	A	SAN BENITO	
4	18	37	21.9	36-31.8	121- 7.1	8.2	0.7	8	81	4.5	0.11	0.8	1.9	A	SAN BENITO	
4	19	8	56.7	36-34.5	121-13.3	8.5	1.4	14	69	2.9	0.08	0.3	0.8	A	BICKMORE CANYON	
4	19	48	52.8	36-31.3	121- 7.4	9.1	1.2	8	85	4.5	0.07	0.5	1.3	A	SAN BENITO	
4	21	44	23.5	37-45.4	122- 7.2	3.8	0.9	10	64	5.6	0.07	0.3	0.3	B	LAS TRAMPAS RIDGE	
4	22	17	49.9	36-35.1	121-13.3	6.3	1.3	11	120	3.2	0.05	0.3	0.5	B	BICKMORE CANYON	
4	23	21	17.6	36-36.1	121-14.7	6.4	1.1	10	78	3.8	0.06	0.3	0.7	A	BICKMORE CANYON	
4	23	25	5.7	36-40.8	121-20.4	4.9	1.8	17	62	3.2	0.13	0.5	1.2	A	PAICINES	
5	0	30	3.1	36-36.1	121-14.4	6.1	0.7	7	124	5.5	0.04	0.5	1.1	B	BICKMORE CANYON	
5	1	36	38.2	36-31.2	121- 6.9	9.9	1.0	8	136	3.7	0.08	0.6	1.1	B	SAN BENITO	
5	2	24	19.7	36-36.3	121-14.8	5.7	1.8	19	62	3.5	0.12	0.4	1.0	A	BICKMORE CANYON	
5	2	27	24.0	36-31.5	121- 6.5	11.7	2.1	20	75	3.4	0.09	0.4	0.5	A	SAN BENITO	
5	3	3	51.1	36-35.4	121-13.6	5.6	1.0	7	102	3.8	0.04	0.3	0.6	B	BICKMORE CANYON	
5	3	36	4.9	36-36.6	121-14.9	4.8	1.2	13	60	3.0	0.07	0.3	0.6	A	BICKMORE CANYON	
5	4	35	40.0	36-36.2	121-14.8	5.2	1.5	15	63	3.7	0.08	0.3	0.7	A	BICKMORE CANYON	
5	4	55	2.1	36-36.7	121-15.0	6.1	2.3	24	60	3.1	0.14	0.4	1.0	A	MT JOHNSON	
5	5	43	7.8	36-31.5	121- 6.1	9.7	0.8	8	122	2.9	0.07	0.6	1.0	B	SAN BENITO	
5	5	44	53.6	36-35.6	121-12.9	2.3	0.9	7	89	3.1	0.06	0.4	0.5	A	BICKMORE CANYON	
5	5	50	33.6	36-32.0	121- 7.4	6.3	1.0	7	100	5.0	0.07	0.6	1.5	B	SAN BENITO	
5	6	18	13.3	36-35.5	121-13.7	6.1	1.4	8	71	4.0	0.03	0.2	0.4	A	BICKMORE CANYON	
5	6	41	12.3	36-31.4	121- 6.6	11.1	0.8	7	133	3.4	0.09	0.9	1.9	B	SAN BENITO	
5	8	22	14.3	36-29.8	121-29.2	7.5	1.9	20	138	10.1	0.12	0.5	1.5	B	PALO ESCRITO PEAK	
5	8	54	17.0	36-25.2	121- 1.7	2.9	1.1	8	84	1.0	0.09	0.7	0.5	A	NE 1/4 GREENFIELD	
5	9	24	44.8	36-34.6	121-12.3	4.1	0.6	6	116	1.4	0.05	0.5	0.6	B	BICKMORE CANYON	
5	9	35	54.9	36-31.4	121- 6.6	7.8	1.5	13	72	3.4	0.08	0.4	0.9	A	SAN BENITO	
5	9	48	23.7	36-35.2	121-12.9	4.8	0.6	7	89	2.7	0.03	0.2	0.4	A	BICKMORE CANYON	
5	9	53	46.3	36-33.9	121-11.8	6.8	0.6	8	77	1.3	0.11	0.9	1.4	A	BICKMORE CANYON	

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
MAR	5	10	6	46.3	36-31.1	121- 6.6	8.8	0.7	8	86	3.2	0.07	0.6	1.3	A	SAN BENITO
	5	10	41	39.6	36-32.2	121- 7.4	6.8	1.2	7	95	5.2	0.06	0.6	1.4	B	SAN BENITO
	5	11	5	57.1	35-51.3	121-20.2	12.3	2.1	9	234	29.6	0.10	2.2	0.9	C	BURRO MTN
	5	11	20	28.6	36- 1.3	120-52.3	14.3	1.4	7	160	16.7	0.06	0.8	0.8	B	PANCHO RICO VALLEY
	5	11	28	30.5	36-31.4	121- 6.1	8.1	0.8	8	82	2.7	0.10	0.8	1.6	A	SAN BENITO
	5	11	35	55.4	36-31.6	121- 6.3	7.6	0.8	10	81	3.3	0.09	0.5	1.1	A	SAN BENITO
	5	11	41	34.2	36-32.1	121- 6.4	9.8	0.8	9	77	4.0	0.10	0.6	1.4	A	SAN BENITO
	5	11	48	13.5	36-34.3	121-12.8	6.4	0.8	8	85	2.1	0.07	0.5	0.9	A	BICKMORE CANYON
	5	13	46	40.5	36-25.4	121- 1.5	0.9	1.5	11	84	0.6	0.11	0.6	0.4	A	NE 1/4 GREENFIELD
	5	13	53	46.6	36-35.6	121-13.9	8.0	2.3	22	65	4.3	0.12	0.4	1.0	A	BICKMORE CANYON
	5	15	43	11.4	36-31.4	121- 6.5	8.5	1.5	12	82	3.3	0.10	0.5	1.1	A	SAN BENITO
	5	16	25	44.3	36-35.4	121-13.8	6.4	0.9	7	105	4.1	0.02	0.2	0.3	B	BICKMORE CANYON
	5	16	34	34.0	36-31.2	121- 6.5	9.0	0.9	9	85	3.1	0.09	0.6	1.2	A	SAN BENITO
	5	17	35	32.2	36-31.9	121- 8.0	3.9	1.4	8	81	5.6	0.14	0.9	1.0	B	BICKMORE CANYON
	5	19	43	29.0	36-35.3	121-13.3	4.9	1.8	18	65	3.2	0.12	0.4	1.1	A	BICKMORE CANYON
	5	19	50	1.1	36-35.3	121-13.3	4.6	1.7	17	65	3.3	0.13	0.4	1.2	A	BICKMORE CANYON
	5	21	27	6.9	36-31.2	121- 7.1	10.2	1.8	14	61	3.9	0.08	0.4	0.7	A	SAN BENITO
	5	23	22	12.4	36-34.7	121-12.8	7.3	2.0	18	67	2.2	0.11	0.4	0.9	A	BICKMORE CANYON
	6	0	8	35.0	36-35.2	121-13.1	4.9	1.1	9	74	2.9	0.04	0.2	0.4	A	BICKMORE CANYON
	6	3	14	3.0	36-35.4	121-13.9	6.1	0.7	7	107	4.2	0.04	0.4	0.7	B	BICKMORE CANYON
6	4	14	35.7	36-29.0	121- 6.2	5.9	2.1	19	75	3.9	0.14	0.5	1.3	A	NE 1/4 GREENFIELD	
6	4	25	7.7	36-36.3	121-15.1	5.1	0.9	8	62	3.6	0.04	0.3	0.6	A	MT JOHNSON	
6	6	0	0.9	36-45.7	121-22.6	5.9	1.3	12	60	6.2	0.15	0.7	1.8	B	HOLLISTER	
6	7	57	24.1	36-36.0	121-13.3	1.1	0.6	7	95	4.0	0.03	0.2	0.2	B	BICKMORE CANYON	
6	8	30	25.8	36-34.2	121- 5.7	11.6	0.7	7	96	6.6	0.04	0.6	1.3	B	SAN BENITO	
6	8	32	8.6	36- 1.7	120-17.2	3.1	1.4	6	272	11.6	0.06	2.7	0.8	D	KREYENHAGEN HILLS	
6	8	33	40.1	36-31.3	121- 5.9	11.1	0.8	8	83	2.4	0.08	0.7	1.5	A	SAN BENITO	
6	8	39	9.7	36-35.7	121-14.0	6.1	1.0	7	109	4.5	0.04	0.4	0.6	B	BICKMORE CANYON	
6	10	6	48.6	36-36.6	121-15.1	4.7	1.3	13	60	3.2	0.07	0.3	0.7	A	MT JOHNSON	
6	10	34	33.7	36-35.8	121-13.8	4.4	1.0	11	63	4.2	0.07	0.4	0.7	A	BICKMORE CANYON	
6	12	21	54.4	36-31.4	121- 6.8	10.0	1.7	15	66	3.7	0.10	0.4	0.9	A	SAN BENITO	
6	13	49	49.1	36-31.8	121- 6.0	12.3	1.0	9	80	3.2	0.08	0.6	1.3	A	SAN BENITO	
6	14	27	46.8	36-35.7	121-14.0	4.7	1.4	15	64	4.4	0.10	0.4	0.9	A	BICKMORE CANYON	
6	15	44	14.1	36-36.2	121-14.6	5.1	0.7	8	116	5.8	0.11	0.9	2.2	B	BICKMORE CANYON	
6	18	11	26.6	36-31.0	121- 6.4	10.2	1.5	9	87	3.0	0.11	1.0	1.8	A	SAN BENITO	
6	18	29	32.0	37-46.6	121-50.3	2.5	1.0	7	99	4.9	0.15	0.9	0.8	B	TASSAJARA	
6	18	41	2.3	36-36.7	121-15.2	5.4	2.3	25	60	3.1	0.13	0.4	0.6	A	MT JOHNSON	
6	20	26	14.5	36-35.9	121-13.7	11.7	0.9	8	107	4.4	0.17	1.5	3.0	B	BICKMORE CANYON	
6	20	28	33.2	36-10.6	120-45.6	5.6	1.9	9	148	5.2	0.13	1.0	1.6	B	MONARCH PEAK	
6	21	13	54.8	36-26.1	121- 1.5	0.1	1.4	8	132	1.4	0.08	0.6	0.4	B	NE 1/4 GREENFIELD	
6	22	13	46.1	36-30.7	121- 6.7	8.3	1.1	8	90	3.2	0.09	0.6	1.3	B	SAN BENITO	
6	22	32	59.4	36-30.5	121- 6.5	8.5	1.0	8	92	3.0	0.09	0.6	1.3	B	SAN BENITO	
6	23	39	14.2	36-34.7	121-12.8	5.6	2.3	23	67	2.2	0.13	0.4	0.6	A	BICKMORE CANYON	
6	23	42	17.6	36-34.3	121-12.5	7.3	1.2	9	110	1.8	0.04	0.3	0.5	B	BICKMORE CANYON	
7	0	34	16.6	36-31.4	121- 6.9	8.5	1.7	11	65	3.9	0.10	0.5	1.2	A	SAN BENITO	



## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERM	ERZ	Q	QUADRANGLE	
MAR	7	3	16	53.8	36-31.6	121- 6.7	10.0	1.0	7	113	3.7	0.08	0.7	1.7	B	SAN BENITO
	7	7	28	25.3	36-34.9	121-13.0	5.8	1.1	9	67	2.6	0.06	0.4	0.8	A	BICKMORE CANYON
	7	8	16	41.2	36-31.4	121- 6.2	10.0	0.9	10	78	2.8	0.07	0.4	0.9	A	SAN BENITO
	7	10	49	53.6	36-31.6	121- 5.9	9.6	1.2	9	81	2.8	0.09	0.6	1.2	A	SAN BENITO
	7	11	9	45.3	36-36.2	121-14.7	5.0	0.8	8	70	3.6	0.05	0.3	0.6	A	BICKMORE CANYON
	7	13	4	50.6	37-18.4	121-40.0	4.1	1.2	16	62	4.5	0.16	0.6	0.4	B	LICK OBSERVATORY
	7	14	42	1.8	36-31.5	121- 6.1	9.7	1.5	9	82	2.8	0.09	0.6	1.3	A	SAN BENITO
	7	20	46	49.2	36-35.6	121-13.9	5.5	1.3	13	70	4.2	0.06	0.3	0.7	A	BICKMORE CANYON
	7	21	32	4.3	36-30.9	121- 6.2	11.9	1.3	7	128	2.5	0.07	1.1	2.1	B	SAN BENITO
	7	21	54	43.9	36-31.1	121- 6.8	9.7	1.1	8	99	3.6	0.08	0.6	1.2	B	SAN BENITO
	7	23	14	17.4	36-36.2	121-14.6	5.6	1.8	17	62	3.6	0.12	0.4	1.0	A	BICKMORE CANYON
	8	1	3	12.6	36-32.3	121- 7.3	4.8	0.8	6	117	5.2	0.07	0.7	1.9	B	SAN BENITO
	8	6	3	39.6	36-55.5	121-34.5	7.3	0.7	8	136	3.7	0.07	0.7	1.0	B	CHITTENDEN
	8	7	23	6.5	36-54.9	121-28.9	5.6	0.5	9	80	2.3	0.05	0.4	0.7	A	SAN FELIPE
	8	7	35	24.5	36-55.0	121-29.0	5.6	0.6	10	133	2.2	0.07	0.4	0.8	B	SAN FELIPE
	8	7	44	23.2	36-32.6	121- 7.3	5.9	1.4	6	122	5.5	0.04	0.5	1.1	B	SAN BENITO
	8	8	27	44.8	36-31.4	121- 6.8	9.0	1.3	9	109	3.7	0.08	0.6	1.0	B	SAN BENITO
	8	9	3	0.9	36-30.9	121- 7.7	9.8	1.4	10	87	4.8	0.07	0.4	0.9	A	BICKMORE CANYON
	8	9	45	10.5	36-36.9	121-15.2	4.4	1.3	13	62	7.2	0.10	0.4	1.7	B	MT JOHNSON
	8	10	12	12.9	36-35.1	121-13.5	7.9	1.1	7	79	3.4	0.04	0.3	0.6	A	BICKMORE CANYON
	8	11	19	21.3	36-41.4	121-21.0	6.1	0.8	8	83	2.1	0.07	0.5	0.9	A	PAICINES
	8	11	51	27.4	36-35.7	121-14.1	6.1	1.1	11	64	4.4	0.04	0.2	0.4	A	BICKMORE CANYON
	8	12	46	35.3	36-31.3	121- 6.9	7.4	0.9	8	104	3.8	0.06	0.4	0.9	B	SAN BENITO
	8	12	46	51.8	36-36.3	121-14.6	4.7	0.8	8	62	3.4	0.02	0.1	0.3	A	BICKMORE CANYON
	8	13	7	22.7	36-31.1	121- 7.6	9.1	1.2	9	91	4.7	0.07	0.5	0.9	B	BICKMORE CANYON
	8	15	53	18.4	35-50.6	120-15.2	11.2	2.0	6	213	9.1	0.14	3.7	2.7	D	CHOLAME VALLEY
	8	16	4	33.8	36-36.7	121-15.1	6.1	1.8	18	63	3.0	0.11	0.4	0.8	A	MT JOHNSON
	8	16	32	38.1	36-53.5	121-18.1	3.5	0.7	6	126	1.0	0.10	0.8	0.7	B	THREE SISTERS
	8	18	31	33.9	36-32.2	121- 7.7	7.0	1.3	8	110	5.6	0.09	0.6	1.4	B	BICKMORE CANYON
	8	20	23	23.9	36-30.9	121- 7.4	6.0	1.1	7	179	4.4	0.04	0.5	0.9	B	SAN BENITO
8	20	55	2.4	36-31.1	121- 8.0	10.7	0.8	8	87	5.3	0.06	0.5	1.3	A	BICKMORE CANYON	
9	1	22	31.2	36-20.0	120-43.4	16.5	1.6	6	242	9.7	0.24	7.2	6.4	D	SW 1/4 NEW IDRIA	
9	2	44	56.7	37- 8.4	121-32.8	4.3	0.9	13	110	7.4	0.13	0.7	0.7	B	MT SIZER	
9	2	58	44.8	36-36.3	121-15.4	5.4	1.5	15	59	7.5	0.09	0.4	1.4	B	MT JOHNSON	
9	7	44	42.3	36-34.6	121- 4.2	14.3	0.8	6	198	4.3	0.08	2.3	4.0	C	SAN BENITO	
9	7	52	45.5	36-33.1	121-11.0	7.1	1.9	19	66	2.7	0.11	0.4	0.9	A	BICKMORE CANYON	
9	8	34	34.9	36-32.6	121- 7.7	5.9	1.1	8	75	6.0	0.12	0.8	2.1	B	BICKMORE CANYON	
9	8	53	39.9	36-32.9	121- 8.3	5.4	1.9	11	73	5.4	0.13	0.6	1.6	B	BICKMORE CANYON	
9	8	57	24.4	36-31.0	121- 7.5	10.1	1.0	8	90	4.5	0.08	0.6	1.3	B	BICKMORE CANYON	
9	14	14	24.5	36-36.8	121-15.1	5.1	1.8	19	59	3.0	0.11	0.4	0.9	A	MT JOHNSON	
9	16	32	48.1	36-26.8	121- 3.7	7.7	2.0	19	81	4.6	0.16	0.6	1.1	B	NE 1/4 GREENFIELD	
9	17	12	55.9	36-35.4	121-14.3	8.9	0.9	6	139	4.8	0.04	0.6	1.3	B	BICKMORE CANYON	
9	18	12	38.8	36-26.8	121- 3.5	5.9	1.5	11	132	4.4	0.10	0.6	1.3	B	NE 1/4 GREENFIELD	
9	18	22	33.4	37-48.3	121-56.9	7.1	1.5	10	113	1.9	0.11	0.6	0.9	B	DIABLO	
9	18	41	5.2	36-34.7	121-12.5	4.6	1.1	9	70	1.8	0.04	0.3	0.5	A	BICKMORE CANYON	

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO GAP	DMIN	RMS	ERH	ERZ Q	QUADRANGLE	
MAR	10	4	37	20.1	36-13.7	120-48.4	3.6	0.6	6 145	1.8	0.04	0.4	0.6 B	MONARCH PEAK
	10	4	55	6.6	36-31.2	121- 7.9	8.9	0.4	7 90	5.1	0.07	0.6	1.4 B	BICKMORE CANYON
	10	8	10	15.5	37-18.6	121-39.8	4.2	0.5	9 99	4.0	0.17	0.9	0.6 B	LICK OBSERVATORY
	10	9	24	23.8	36-31.3	121- 7.5	9.0	0.7	8 86	4.6	0.07	0.5	1.4 A	SAN BENITO
	10	9	35	32.6	36-35.0	121-13.9	8.5	1.7	16 68	4.0	0.09	0.4	0.9 A	BICKMORE CANYON
	10	14	16	16.2	36-35.7	121-14.0	6.4	1.5	13 72	4.5	0.09	0.4	1.0 A	BICKMORE CANYON
	10	15	48	11.1	36-35.6	121-12.9	1.8	1.0	8 67	3.1	0.06	0.4	0.4 A	BICKMORE CANYON
	10	16	8	48.9	36-31.4	121- 7.0	10.4	0.7	8 84	4.1	0.08	0.6	1.5 A	SAN BENITO
	10	17	57	34.9	37-30.5	121-34.7	6.5	1.0	8 196	11.0	0.10	1.0	2.6 C	CEDAR MTN
	10	18	54	45.0	35-46.1	120-18.5	1.1	1.3	7 294	8.0	0.11	1.5	0.6 C	CHOLANE VALLEY
	10	19	29	48.5	36-34.5	121-12.7	8.8	2.0	19 67	2.1	0.11	0.4	0.9 A	BICKMORE CANYON
	10	19	35	39.5	36-34.3	121-13.0	6.9	1.6	14 69	2.4	0.10	0.4	0.9 A	BICKMORE CANYON
	10	22	15	45.7	36-44.8	121-27.5	5.0	1.0	11 89	2.4	0.15	1.0	1.3 B	MT HARLAN
	10	23	24	50.7	36-32.8	121- 9.6	7.9	1.2	7 107	4.1	0.09	0.9	1.7 B	BICKMORE CANYON
	11	5	33	3.3	36-38.4	121-15.6	7.7	1.0	10 59	2.4	0.07	0.4	0.8 A	PAICINES
	11	6	2	26.6	36-34.4	121-12.3	3.8	1.7	16 66	1.4	0.07	0.3	0.3 A	BICKMORE CANYON
	11	11	17	55.6	36-55.5	121-24.7	4.5	0.8	12 82	6.6	0.10	0.5	0.8 B	SAN FELIPE
	11	11	56	42.8	36-35.3	121-14.3	7.0	0.9	7 75	4.7	0.07	0.5	1.3 A	BICKMORE CANYON
	11	12	47	52.2	36- 5.1	120-38.3	1.9	1.4	9 157	6.7	0.08	0.7	0.6 B	SW 1/4 PRIEST VALLEY
	11	12	58	51.8	36- 1.7	120-37.8	6.1	2.1	10 136	12.1	0.15	1.4	5.1 C	SW 1/4 PRIEST VALLEY
	11	13	45	52.0	36- 2.4	120-36.9	7.3	1.2	7 152	12.1	0.05	0.8	2.3 C	SE 1/4 PRIEST VALLEY
	11	17	6	48.5	37-33.8	122-25.1	9.3	2.0	21 158	1.6	0.12	0.7	0.6 B	MONTARA MTN
	11	19	16	54.1	36-47.9	121-19.1	8.8	0.9	7 126	9.7	0.09	1.6	4.7 B	TRES PINOS
	11	20	40	40.3	37-45.1	121-50.4	2.2	0.1	7 108	2.4	0.14	0.8	0.6 B	TASSAJARA
	11	23	42	45.0	36-26.4	120-40.6	7.7	1.8	9 243	14.8	0.10	1.9	6.8 D	NW 1/4 NEW LORIA
	12	1	44	37.1	36-31.5	121- 5.9	10.0	1.2	9 82	2.7	0.09	0.6	1.2 A	SAN BENITO
	12	2	18	35.7	36-31.7	121- 6.2	10.9	1.8	14 79	3.3	0.09	0.5	0.8 A	SAN BENITO
	12	2	34	31.3	36-37.1	121- 7.9	11.9	0.9	6 143	5.8	0.09	1.5	2.8 C	BICKMORE CANYON
	12	3	43	3.7	36-31.3	121- 6.5	9.3	0.5	7 133	3.2	0.08	0.8	1.3 B	SAN BENITO
	12	5	29	26.4	36-25.7	121- 2.1	3.3	1.1	10 105	1.5	0.09	0.5	0.5 B	NE 1/4 GREENFIELD
	12	5	36	15.4	36-33.5	120-58.4	8.7	1.6	14 123	5.8	0.20	1.3	2.5 B	SW 1/4 PANOCH VALLEY
	12	13	52	40.0	36-14.0	120-48.9	4.2	1.4	8 138	2.7	0.13	1.1	2.2 C	MONARCH PEAK
	12	14	33	30.8	36-31.7	121- 7.3	4.1	1.0	7 106	4.7	0.06	0.5	1.5 B	SAN BENITO
	12	15	24	38.6	36-31.9	121- 7.2	3.9	0.9	7 101	4.6	0.06	0.5	0.4 B	SAN BENITO
	12	17	51	39.0	36-31.3	121- 6.7	11.9	0.4	6 134	3.5	0.06	0.7	1.7 B	SAN BENITO
	12	21	4	31.4	36-34.7	121-12.9	7.4	1.8	21 67	2.4	0.13	0.4	1.0 A	BICKMORE CANYON
	12	21	26	5.8	36-24.2	121- 0.9	3.9	1.3	10 103	2.4	0.10	0.6	0.5 B	NE 1/4 GREENFIELD
	13	2	38	38.1	36-36.4	121-14.6	4.0	0.6	9 61	3.2	0.04	0.2	0.3 A	BICKMORE CANYON
	13	2	42	34.9	36-31.1	121- 7.1	10.4	1.1	10 87	4.0	0.07	0.4	0.8 A	SAN BENITO
	13	3	15	18.4	36-31.1	121- 7.0	8.7	0.6	8 87	3.8	0.10	0.8	1.8 A	SAN BENITO
	13	5	36	13.0	36-39.8	121-19.2	5.7	3.2	38 62	5.5	0.15	0.4	0.5 A	PAICINES
	13	8	9	39.4	36-31.4	121- 6.9	10.0	0.6	8 85	3.9	0.09	0.7	1.8 A	SAN BENITO
	13	11	34	21.5	36-41.7	121-12.9	15.1	1.3	12 108	5.0	0.09	0.6	0.8 B	CHERRY PEAK
	13	11	36	11.1	37-25.1	121-49.1	2.7	1.4	8 103	4.0	0.13	0.8	0.5 B	CALAVERAS RESERVOIR
	13	12	5	13.5	36- 9.7	120-44.0	9.6	0.9	7 128	6.1	0.11	1.4	1.7 B	NW 1/4 PRIEST VALLEY



## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

	1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
MAR	13	12	14	1.8	36-31.9	121- 7.5	3.9	1.0	8	80	5.0	0.12	0.8	0.8	B	SAN BENITO
	13	12	50	48.4	36-34.3	121-12.6	7.8	0.5	6	116	1.9	0.02	0.2	0.4	B	BICKMORE CANYON
	13	17	30	47.6	35-50.5	121-22.1	11.7	1.9	9	251	32.3	0.09	2.8	1.0	D	BURRO MTN
	13	17	38	34.2	36-31.7	121- 7.8	3.7	0.9	6	163	5.3	0.03	0.3	0.2	B	BICKMORE CANYON
	13	18	49	18.3	36-39.9	121-19.1	4.4	1.7	18	63	5.4	0.11	0.4	0.6	B	PAICINES
	13	20	46	59.4	36-35.9	121-14.3	0.0	1.1	8	80	4.1	0.07	0.3	0.4	A	BICKMORE CANYON
	13	22	15	45.1	36-39.8	121-18.8	3.9	0.8	6	117	5.7	0.02	0.2	0.2	B	PAICINES
	13	22	58	42.1	36-39.8	121-18.8	5.0	1.0	9	64	5.8	0.02	0.1	0.4	B	PAICINES
	14	1	17	52.7	36-39.9	121-19.0	4.9	1.5	14	63	5.5	0.14	0.6	1.7	B	PAICINES
	14	1	31	40.8	36-37.1	121-16.1	6.7	1.7	17	58	8.5	0.12	0.4	1.4	B	MT JOHNSON
	14	2	5	33.7	37-34.0	122-24.5	8.9	1.8	15	137	1.6	0.12	0.7	1.0	B	MONTARA MTN
	14	2	13	40.9	36-34.2	121-12.0	5.6	0.4	8	114	1.2	0.03	0.3	0.4	B	BICKMORE CANYON
	14	2	13	57.9	36-34.1	121-11.9	5.8	0.9	9	75	1.1	0.06	0.4	0.6	A	BICKMORE CANYON
	14	2	23	19.6	36-34.2	121-12.2	5.7	1.8	16	67	1.4	0.09	0.3	0.8	A	BICKMORE CANYON
	14	4	56	55.4	36-34.3	121-11.9	6.2	0.9	8	114	0.9	0.04	0.3	0.5	B	BICKMORE CANYON
	14	7	38	6.7	36-36.9	121-15.6	5.2	2.2	25	59	3.2	0.13	0.4	0.6	A	MT JOHNSON
	14	7	46	19.8	36-31.6	121- 5.9	10.3	0.5	8	127	2.7	0.10	0.8	1.3	B	SAN BENITO
	14	8	0	11.1	36-32.3	121- 7.3	0.6	1.5	9	77	5.2	0.11	0.6	0.7	B	SAN BENITO
	14	9	14	22.2	36-31.4	121- 6.0	10.5	0.4	7	153	2.6	0.08	0.8	1.2	B	SAN BENITO
	14	9	17	54.1	36-31.6	121- 5.8	10.8	0.6	7	141	2.5	0.09	0.9	1.5	B	SAN BENITO
	14	9	25	16.1	36-39.8	121-19.1	5.5	2.0	21	63	5.5	0.13	0.4	0.7	A	PAICINES
	14	9	49	39.4	36-31.7	121- 6.1	10.1	0.8	9	80	3.0	0.13	0.8	2.0	A	SAN BENITO
	14	11	17	10.6	36-31.7	121- 5.4	10.3	0.5	7	85	2.4	0.10	0.9	1.4	A	SAN BENITO
	14	15	7	12.8	36-39.7	121-18.7	4.3	1.1	9	64	5.9	0.05	0.3	0.9	B	PAICINES
	14	17	24	5.9	36-34.1	121-12.5	7.3	1.5	10	75	1.9	0.08	0.4	0.8	A	BICKMORE CANYON
	14	18	23	3.1	37-22.3	121-41.8	2.1	1.2	8	87	5.4	0.09	0.4	0.3	B	LICK OBSERVATORY
	14	20	34	31.0	36-55.9	121-41.6	11.9	3.4	46	79	2.5	0.14	0.4	0.3	A	WATSONVILLE EAST
	14	20	44	9.0	36-55.7	121-41.0	10.6	1.8	27	78	2.9	0.11	0.3	0.6	A	WATSONVILLE EAST
	14	21	0	0.4	36-59.6	121-41.8	7.9	0.9	14	124	4.5	0.10	0.6	1.2	B	WATSONVILLE EAST
	14	21	44	20.7	36-56.2	121-40.5	9.9	1.1	13	150	2.6	0.08	0.5	0.9	B	WATSONVILLE EAST
	14	22	28	7.4	36-55.9	121-41.5	11.8	3.4	47	79	2.4	0.15	0.4	0.3	A	WATSONVILLE EAST
	15	2	38	34.9	35-50.9	121-22.3	9.3	1.5	8	251	31.9	0.10	3.0	1.2	D	BURRO MTN
	15	3	27	14.3	36-39.9	121-19.0	5.4	1.5	14	64	5.6	0.10	0.4	1.1	B	PAICINES
	15	4	15	25.0	36-29.3	121- 5.9	3.2	1.0	9	105	3.2	0.13	0.8	0.8	B	NE 1/4 GREENFIELD
	15	8	7	7.5	36-37.8	121-16.0	3.8	1.5	13	53	3.1	0.08	0.4	0.4	A	PAICINES
	15	9	51	54.3	36-26.1	121- 3.0	5.8	0.8	10	101	3.2	0.08	0.5	1.0	B	NE 1/4 GREENFIELD
	15	12	18	35.5	36-32.3	121- 8.6	5.2	2.5	20	57	5.8	0.18	0.6	1.8	B	BICKMORE CANYON
	15	13	53	30.4	36-35.9	121-14.3	5.9	0.7	7	118	4.1	0.06	0.5	0.8	B	BICKMORE CANYON
	15	14	4	26.9	36-34.0	121- 3.8	13.3	0.8	7	114	4.4	0.12	1.8	3.6	B	SAN BENITO
	15	14	30	3.6	36-35.2	121-14.2	9.6	2.6	27	68	4.4	0.15	0.5	0.8	B	BICKMORE CANYON
	15	16	24	27.2	36-36.0	121-14.5	6.4	0.9	10	63	5.5	0.07	0.4	1.1	A	BICKMORE CANYON
	15	16	54	56.2	36-36.2	121-14.6	4.9	0.9	9	87	3.5	0.05	0.3	0.6	A	BICKMORE CANYON
	15	18	43	19.8	36-34.4	121-12.3	5.5	1.9	16	66	1.5	0.11	0.4	0.9	A	BICKMORE CANYON
	15	18	44	48.1	36-31.3	121- 7.2	12.1	2.3	22	59	4.2	0.12	0.5	0.6	A	SAN BENITO
	15	19	30	13.4	36-31.1	121- 7.1	9.6	1.2	10	59	4.0	0.06	0.4	0.8	A	SAN BENITO

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

	1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
MAR	15	19	45	25.9	36-34.3	121-12.1	4.6	1.6	13	66	1.2	0.09	0.4	0.7	A	BICKMORE CANYON
	15	19	52	50.7	36-34.0	121- 7.0	13.9	1.0	8	78	6.5	0.08	0.8	2.0	B	SAN BENITO
	15	20	1	46.5	36-34.1	121- 7.1	15.2	0.9	7	78	6.4	0.04	0.5	1.0	A	SAN BENITO
	15	20	55	19.3	36-57.8	121-26.0	5.3	0.6	9	89	3.6	0.08	0.5	1.3	A	SAN FELIPE
	15	21	28	1.4	36-36.3	121-13.6	1.8	1.3	7	90	4.7	0.05	0.3	0.4	B	BICKMORE CANYON
	15	23	27	41.6	36-34.6	121-12.5	5.0	0.8	7	98	1.7	0.03	0.2	0.4	B	BICKMORE CANYON
	16	2	1	18.4	36-31.7	121- 7.8	3.7	1.6	9	82	5.3	0.13	0.8	0.7	B	BICKMORE CANYON
	16	2	12	8.6	36-31.5	121- 7.3	9.6	1.1	9	84	4.4	0.09	0.6	1.2	A	SAN BENITO
	16	8	18	7.9	36-55.7	121-31.1	1.3	1.3	11	53	1.5	0.12	0.5	0.4	A	CHITTENDEN
	16	10	15	40.7	36-31.9	121- 9.5	8.8	0.4	6	153	5.6	0.06	0.7	1.5	B	BICKMORE CANYON
	16	12	17	33.6	36-32.4	121- 5.8	11.7	0.5	7	120	3.9	0.10	1.1	2.4	B	SAN BENITO
	16	18	9	5.5	36-32.8	121-10.8	7.7	1.6	16	66	3.3	0.08	0.3	0.7	A	BICKMORE CANYON
	16	22	49	36.9	36-31.5	121- 5.8	9.3	0.9	8	83	2.6	0.08	0.6	1.2	A	SAN BENITO
	16	23	52	9.6	36-31.6	121- 6.1	10.6	1.2	10	81	3.0	0.07	0.5	0.9	A	SAN BENITO
	17	1	24	43.5	36-34.1	121-12.6	7.0	1.5	14	69	2.0	0.07	0.3	0.6	A	BICKMORE CANYON
	17	6	41	25.8	36-31.9	121- 7.2	4.2	0.4	6	102	4.6	0.07	0.7	1.9	B	SAN BENITO
	17	10	47	18.8	37- 0.8	121-41.7	7.0	0.8	12	112	6.7	0.13	0.9	2.9	B	MT MADONNA
	17	13	4	16.5	37-17.6	121-38.7	5.3	0.8	8	114	4.7	0.12	1.1	0.7	B	LICK OBSERVATORY
	17	14	2	46.6	36-31.2	121- 4.7	15.4	0.5	7	138	1.1	0.04	0.9	1.1	B	SAN BENITO
	17	16	3	37.4	36-31.6	121- 6.7	9.1	1.2	8	115	3.8	0.08	0.6	1.2	B	SAN BENITO
	17	16	13	17.3	36-31.1	121- 7.1	9.6	0.9	8	87	3.9	0.09	0.7	1.7	A	SAN BENITO
	17	16	37	17.3	36-58.3	121- 4.9	4.6	1.2	11	237	19.3	0.15	1.1	9.2	D	LOS BANOS VALLEY
	17	17	13	57.0	36-39.5	121-18.2	3.5	1.0	10	64	6.7	0.12	0.8	0.8	B	PAICINES
	17	18	1	39.8	36-34.1	121-12.2	6.8	1.9	18	68	1.6	0.08	0.3	0.7	A	BICKMORE CANYON
	17	18	6	46.6	36-34.1	121-12.3	6.9	1.1	12	68	1.7	0.06	0.3	0.6	A	BICKMORE CANYON
	17	18	16	54.5	36-31.2	121- 7.7	8.2	0.7	8	87	4.8	0.08	0.6	1.4	A	BICKMORE CANYON
	17	18	22	6.6	36- 6.1	120-40.4	0.2	1.9	11	133	4.4	0.22	1.1	0.8	B	SW 1/4 PRIEST VALLEY
	17	18	43	10.4	36-56.1	121-35.1	4.9	0.2	7	130	2.5	0.03	0.3	0.5	B	CHITTENDEN
	17	20	4	21.6	36-34.2	121-12.4	7.3	0.9	10	68	1.6	0.05	0.3	0.5	A	BICKMORE CANYON
	17	20	6	19.7	36-20.7	120-55.9	1.1	1.3	9	96	3.4	0.07	0.5	0.6	B	SW 1/4 HERNANDEZ VALLEY
	17	20	29	35.5	36-18.4	120-54.0	2.8	1.5	11	93	2.8	0.13	0.7	0.7	B	SW 1/4 HERNANDEZ VALLEY
	17	21	27	16.1	36-15.3	120-42.6	9.4	1.4	6	220	8.8	0.07	1.5	2.0	C	SW 1/4 NEW IDRIA
	17	22	26	58.0	36-34.2	121-12.6	8.8	2.1	20	68	1.9	0.11	0.4	0.8	A	BICKMORE CANYON
	17	22	29	33.9	36-58.6	121-40.8	11.5	1.4	14	97	2.9	0.09	0.5	1.1	B	WAYSONVILLE EAST
	18	0	9	46.9	36-42.5	121-20.2	18.0	1.2	11	109	0.6	0.07	0.5	1.0	B	PAICINES
	18	0	46	30.5	36-31.4	121- 6.7	8.8	1.2	9	84	3.6	0.07	0.5	1.0	A	SAN BENITO
	18	1	5	42.6	36-34.4	121-12.3	4.5	1.2	10	73	1.4	0.04	0.2	0.4	A	BICKMORE CANYON
	18	1	42	55.6	36-26.4	121- 2.1	0.0	1.3	7	109	2.3	0.08	0.7	0.5	B	NE 1/4 GREENFIELD
	18	2	28	11.8	36-31.2	121- 4.6	16.0	0.4	7	143	1.1	0.04	1.0	1.3	B	SAN BENITO
	18	3	21	55.8	36-33.1	121- 5.8	11.9	1.8	13	73	5.0	0.09	0.5	0.8	A	SAN BENITO
	18	3	28	0.6	36-32.8	121- 3.9	17.0	1.0	7	158	4.1	0.05	1.1	1.6	C	SAN BENITO
	18	3	31	36.5	36-32.8	121- 4.3	16.6	0.7	7	146	4.1	0.03	0.7	1.0	B	SAN BENITO
	18	5	20	57.5	36-27.8	121- 5.2	7.0	0.5	7	125	5.3	0.10	1.0	2.2	B	NE 1/4 GREENFIELD
	18	7	0	15.4	37-50.5	122-18.1	13.4	1.4	12	81	11.5	0.13	0.7	0.6	A	OAKLAND WEST
	18	7	1	56.2	36-42.3	121-21.4	2.9	0.8	8	131	1.3	0.07	0.5	0.5	B	PAICINES

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	PMS	ERM	ERZ	Q	QUADRANGLE	
MAR	18	7	2	55.9	38-47.6	122-43.6	0.4	2.1	9	313	27.0	0.15	11.6	11.0	D	WHISPERING PINES
	18	7	53	55.6	36-36.5	121-14.8	4.9	2.1	23	61	3.2	0.12	0.4	0.9	A	BICKMORE CANYON
	18	8	43	45.0	37-44.9	122-28.2	5.5	1.4	10	195	12.3	0.09	0.8	0.6	C	SAN FRANCISCO SOUTH
	18	11	43	16.4	36-24.1	121- 1.0	8.0	0.9	10	101	2.6	0.08	0.5	0.7	B	NE 1/4 GREENFIELD
	18	17	50	10.9	36-40.6	121-20.0	4.0	0.5	6	108	3.8	0.02	0.2	0.2	B	PAICINES
18	19	19	3.9	36-37.7	121-15.7	4.6	1.5	17	54	2.6	0.10	0.4	0.8	A	PAICINES	
18	19	31	3.2	36-24.5	121- 0.8	3.3	1.0	7	145	1.8	0.04	0.4	0.3	B	NE 1/4 GREENFIELD	
19	3	6	37.2	36-36.0	121-14.1	4.2	1.3	12	63	3.9	0.06	0.3	0.6	A	BICKMORE CANYON	
19	3	48	19.4	36-57.4	121-36.4	2.8	0.5	10	73	2.1	0.11	0.5	0.4	A	CHITTENDEN	
19	6	46	17.9	36-35.4	121-14.1	8.7	1.3	13	67	4.5	0.09	0.4	0.9	A	BICKMORE CANYON	
19	7	55	44.6	36-34.0	121-11.8	6.1	1.1	10	77	1.2	0.05	0.3	0.5	A	BICKMORE CANYON	
19	12	28	50.3	36-34.5	121-12.3	4.5	1.1	10	72	1.5	0.05	0.3	0.5	A	BICKMORE CANYON	
19	12	49	4.8	38-17.0	122-10.8	9.2	1.8	10	95	3.0	0.14	0.8	1.4	A	MT GEORGE	
19	13	38	37.5	36-37.7	121-15.7	4.7	1.5	17	54	2.7	0.10	0.4	0.9	A	PAICINES	
19	19	12	25.5	37- 1.9	121-28.5	10.4	0.6	9	66	1.0	0.09	0.7	1.1	A	GILROY HOT SPRINGS	
19	19	27	39.5	36-32.7	121-10.6	7.0	1.8	10	92	3.5	0.05	0.3	0.6	B	BICKMORE CANYON	
19	23	40	48.4	38-16.6	122-10.6	9.3	1.8	12	103	3.3	0.17	0.9	1.7	B	MT GEORGE	
20	0	47	23.4	36-34.2	121-12.0	5.1	0.9	9	82	1.2	0.02	0.1	0.2	A	BICKMORE CANYON	
20	3	11	51.9	37- 1.5	121-28.0	3.8	0.7	9	67	1.5	0.13	0.7	1.3	A	GILROY HOT SPRINGS	
20	9	26	46.6	36-31.3	121- 7.4	9.2	0.9	8	86	4.4	0.07	0.6	1.3	A	SAN BENITO	
20	10	54	18.8	36-38.0	121-16.8	5.8	0.6	9	104	4.1	0.12	0.7	1.8	B	PAICINES	
20	13	31	46.5	37-30.9	121-53.2	4.5	0.8	10	82	10.5	0.20	1.2	1.1	C	NILES	
20	17	29	28.9	36-35.6	121-14.5	7.8	1.5	14	66	5.1	0.08	0.3	0.8	A	BICKMORE CANYON	
20	22	35	48.8	38-29.1	122-42.9	6.1	1.2	6	97	7.2	0.10	1.3	6.0	C	SANTA ROSA	
21	0	10	9.4	36-31.3	121- 6.7	8.9	1.3	9	84	3.5	0.09	0.6	1.2	A	SAN BENITO	
21	0	13	53.3	36-31.1	121- 6.9	10.0	2.0	14	61	3.8	0.10	0.5	0.9	A	SAN BENITO	
21	0	14	40.9	36-31.2	121- 6.9	9.4	2.1	15	61	3.8	0.09	0.4	0.9	A	SAN BENITO	
21	0	26	53.0	36-31.2	121- 6.8	9.1	1.4	11	64	3.6	0.08	0.5	1.0	A	SAN BENITO	
21	0	29	33.9	36-31.3	121- 6.6	10.1	0.6	7	134	3.4	0.08	0.8	1.9	B	SAN BENITO	
21	1	3	10.0	36-41.3	121-21.7	6.7	1.3	13	69	2.8	0.12	0.5	1.1	A	PAICINES	
21	2	44	20.6	36-34.9	121-13.0	6.8	1.1	9	84	2.6	0.03	0.2	0.4	A	BICKMORE CANYON	
21	5	48	50.0	36-31.2	121- 7.6	8.6	0.4	8	86	4.7	0.08	0.6	1.4	A	BICKMORE CANYON	
21	6	36	54.4	36-31.2	121- 7.0	9.7	1.7	16	60	3.8	0.11	0.5	1.0	A	SAN BENITO	
21	8	24	50.7	37-31.8	121-49.1	4.6	1.5	19	70	8.9	0.17	0.7	0.6	B	LA COSTA VALLEY	
21	8	32	26.8	36-55.3	121-31.2	1.9	1.6	15	58	1.2	0.11	0.4	0.3	A	CHITTENDEN	
21	10	28	55.2	36-31.8	121- 6.8	11.0	2.0	16	74	4.1	0.09	0.4	0.7	A	SAN BENITO	
21	11	30	50.1	36-31.7	121- 6.8	10.9	2.0	18	73	4.0	0.11	0.4	0.7	A	SAN BENITO	
21	12	45	49.5	37-18.4	122- 4.9	5.4	0.4	7	180	3.2	0.09	1.1	1.2	C	CUPERTINO	
21	13	7	44.3	36-33.2	121-10.6	4.5	0.8	10	86	2.7	0.07	0.4	0.7	A	BICKMORE CANYON	
21	14	50	52.8	36-33.3	121-10.7	3.7	1.0	9	130	2.4	0.05	0.4	0.3	B	BICKMORE CANYON	
21	15	41	36.0	36-31.9	121- 7.1	9.4	3.1	36	70	4.6	0.18	0.5	0.7	B	SAN BENITO	
21	15	49	30.0	36-31.8	121- 6.9	9.5	1.2	8	81	4.2	0.09	0.7	1.3	A	SAN BENITO	
21	15	54	26.4	36-31.5	121- 7.1	9.4	1.0	9	83	4.3	0.15	1.0	2.3	B	SAN BENITO	
21	16	6	1.4	36-32.0	121- 6.4	8.8	1.3	8	78	3.8	0.11	0.8	1.7	A	SAN BENITO	
21	16	10	22.6	36-31.8	121- 6.9	9.8	2.4	17	72	4.2	0.10	0.4	0.7	A	SAN BENITO	

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
MAR	21	16	30	43.6	36-31.8	121- 7.1	9.4	1.3	11	81	4.5	0.10	0.6	1.2	A	SAN BENITO
	21	16	41	22.7	36-31.8	121- 6.6	9.9	0.7	9	80	3.9	0.09	0.6	1.2	A	SAN BENITO
	21	17	20	23.5	36-58.5	121-39.1	4.5	1.9	24	63	4.6	0.12	0.4	0.4	A	WATSONVILLE EAST
	21	17	23	19.8	36-58.3	121-38.7	4.3	1.3	12	74	4.9	0.13	0.6	0.5	A	WATSONVILLE EAST
	21	17	35	38.0	36-49.4	121-33.4	5.9	2.3	31	47	3.3	0.18	0.5	0.6	B	SAN JUAN BAUTISTA
	21	18	9	7.9	36-31.8	121- 6.4	8.6	0.7	8	82	3.6	0.10	0.7	1.7	A	SAN BENITO
	21	18	42	49.8	36-31.8	121- 6.8	9.1	0.6	9	80	4.0	0.08	0.5	1.1	A	SAN BENITO
	21	18	51	58.1	36-31.8	121- 6.5	9.3	0.8	7	80	3.7	0.08	0.7	1.5	A	SAN BENITO
	21	18	59	34.3	36-31.5	121- 6.9	9.6	1.1	8	83	3.9	0.09	0.7	1.7	A	SAN BENITO
	21	20	49	43.3	36-31.8	121- 6.6	9.6	1.1	9	80	3.9	0.10	0.8	1.7	A	SAN BENITO
	21	21	6	33.8	36-31.7	121- 6.9	9.8	0.4	8	81	4.2	0.10	0.8	1.9	A	SAN BENITO
	21	21	45	56.4	36-31.7	121- 7.2	10.2	1.8	14	66	4.4	0.10	0.5	1.0	A	SAN BENITO
	21	23	33	3.9	36-30.9	121- 6.2	11.0	1.1	6	128	2.5	0.07	1.2	2.1	B	SAN BENITO
	22	4	53	6.8	36-31.7	121- 7.0	9.0	0.4	9	81	4.2	0.10	0.6	1.4	A	SAN BENITO
	22	6	24	43.8	36-34.7	121-13.0	6.0	3.5	34	67	2.5	0.17	0.4	0.6	B	BICKMORE CANYON
	22	6	27	15.6	36-34.7	121-12.9	6.9	1.7	16	67	2.3	0.06	0.2	0.6	A	BICKMORE CANYON
	22	6	30	25.6	36-34.6	121-12.7	6.6	1.3	13	67	2.0	0.06	0.2	0.5	A	BICKMORE CANYON
	22	6	32	33.9	36-34.6	121-12.9	6.2	0.4	8	113	2.4	0.07	0.5	0.8	B	BICKMORE CANYON
	22	6	33	48.5	35-51.7	121-18.8	12.2	1.8	8	232	27.8	0.07	1.9	0.7	C	BURRO MTN
	22	6	48	0.4	36-34.6	121-12.8	5.9	1.4	15	67	2.2	0.07	0.3	0.6	A	BICKMORE CANYON
	22	8	23	3.4	36-37.6	121-15.5	4.0	1.3	12	100	2.4	0.10	0.5	0.5	B	PAICINES
	22	11	13	12.5	36-29.2	121- 6.3	0.0	0.8	7	107	3.7	0.09	1.2	1.7	B	NE 1/4 GREENFIELD
	22	11	15	30.7	36-29.5	121- 5.8	0.9	0.9	7	102	2.8	0.09	0.8	0.8	B	NE 1/4 GREENFIELD
	22	11	43	4.0	36-34.4	121-12.7	6.8	1.7	17	68	2.1	0.08	0.3	0.7	A	BICKMORE CANYON
	22	12	1	41.7	36-34.6	121-12.6	7.1	0.9	11	71	1.9	0.04	0.2	0.4	A	BICKMORE CANYON
	22	12	2	55.9	36-34.8	121-13.0	6.7	1.6	16	67	2.5	0.09	0.4	0.9	A	BICKMORE CANYON
	22	12	25	16.8	36-29.4	121- 6.3	0.1	0.7	8	104	3.4	0.11	1.1	1.6	B	NE 1/4 GREENFIELD
	22	12	49	22.1	36-37.0	121-15.5	5.6	1.2	13	84	3.1	0.08	0.4	0.8	A	MT JOHNSON
	22	12	53	29.8	37-22.6	122-14.0	8.4	1.6	21	75	3.6	0.16	0.6	0.8	B	PALO ALTO
	22	13	11	27.8	37-22.9	122-14.0	8.6	1.6	21	75	4.0	0.18	0.7	0.9	B	PALO ALTO
	22	13	14	36.1	36-31.6	121- 7.1	9.5	0.7	9	82	4.3	0.08	0.5	1.1	A	SAN BENITO
	22	13	42	3.3	37-23.4	122-14.3	8.6	1.1	8	78	4.3	0.10	0.8	1.2	A	PALO ALTO
	22	18	59	49.2	37-22.6	122-14.8	5.9	2.0	17	164	4.6	0.16	0.9	0.6	C	PALO ALTO
	22	20	9	14.0	37-23.1	122-14.2	8.2	1.3	7	80	4.5	0.07	0.6	0.9	A	PALO ALTO
	22	21	57	45.6	37-23.3	122-14.1	9.1	1.3	7	78	4.6	0.07	0.7	1.0	A	PALO ALTO
	22	22	25	56.4	37-22.4	122-14.2	5.8	0.9	7	89	3.6	0.07	0.7	1.4	A	MINDEGO HILL
	22	22	27	4.6	37-22.6	122-14.1	5.8	1.4	9	78	3.8	0.09	0.5	1.0	A	PALO ALTO
	22	22	32	44.5	35-59.6	120-35.3	3.9	2.3	10	133	11.5	0.12	1.1	1.0	C	STOCKDALE MTN
	22	22	39	11.7	36-34.8	121-12.6	5.1	0.4	7	149	1.9	0.03	0.4	0.4	B	BICKMORE CANYON
	22	23	32	9.1	37-23.6	122-14.8	9.1	0.7	6	95	3.5	0.09	1.2	1.9	B	PALO ALTO
	22	23	40	49.8	36-34.7	121-12.9	15.4	1.3	7	87	2.3	0.13	1.2	2.3	B	BICKMORE CANYON
	23	0	30	33.7	36-35.1	121-14.0	8.2	0.9	8	79	4.2	0.05	0.4	0.8	A	BICKMORE CANYON
	23	1	11	22.8	37-23.5	122-14.6	7.4	1.1	8	82	3.9	0.14	1.1	1.8	B	PALO ALTO
	23	1	43	25.7	35-48.1	121- 6.3	4.0	2.2	13	182	31.8	0.14	2.5	1.1	D	BRYSAN
	23	1	48	24.4	37-18.6	121-39.9	4.5	1.0	10	98	4.1	0.12	0.7	0.5	B	LICK OBSERVATORY

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

	1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
MAR	23	2	33	54.4	37-23.2	122-14.3	9.2	0.4	7	79	4.6	0.12	1.2	1.8	B	PALO ALTO
	23	3	45	29.3	37-22.7	122-14.0	10.0	3.1	41	75	3.8	0.15	0.4	0.4	B	PALO ALTO
	23	3	49	28.0	37-23.0	122-14.2	7.2	1.4	9	78	4.4	0.09	0.8	1.5	A	PALO ALTO
	23	3	54	4.7	37-22.5	122-14.7	5.6	0.9	7	87	4.3	0.09	0.8	1.7	A	MINDEGO HILL
	23	4	1	39.1	37-23.2	122-14.0	9.8	1.2	15	74	4.5	0.12	0.6	0.8	A	PALO ALTO
	23	4	45	58.3	36-35.0	121-13.2	6.0	1.2	9	67	2.9	0.06	0.4	0.8	A	BICKMORE CANYON
	23	5	38	43.9	37-23.3	122-14.3	10.3	1.3	16	78	4.5	0.13	0.7	0.7	A	PALO ALTO
	23	5	39	29.8	37-23.4	122-14.4	10.1	1.4	13	79	4.2	0.12	0.7	1.0	A	PALO ALTO
	23	5	49	23.8	37-23.1	122-14.2	10.9	1.1	10	77	4.6	0.12	0.9	1.1	A	PALO ALTO
	23	5	54	13.3	37-23.0	122-14.2	8.8	0.5	6	77	4.3	0.06	0.9	1.1	A	PALO ALTO
	23	7	26	3.1	37-23.2	122-13.9	9.4	1.5	16	73	4.4	0.13	0.6	0.8	A	PALO ALTO
	23	8	11	42.9	36-34.3	121-12.6	6.5	0.4	6	117	2.0	0.03	0.4	0.5	B	BICKMORE CANYON
	23	8	11	48.0	37-23.2	122-14.2	9.8	1.4	13	76	4.6	0.12	0.6	0.9	A	PALO ALTO
	23	8	39	59.8	36-37.5	121-16.0	5.0	1.8	20	55	3.1	0.11	0.4	0.9	A	PAICINES
	23	8	48	21.1	36-31.1	121- 6.8	9.0	0.6	8	86	3.5	0.08	0.6	1.4	A	SAN BENITO
	23	9	49	56.9	36-32.1	121- 8.0	3.6	2.1	13	62	5.8	0.14	0.6	0.6	B	BICKMORE CANYON
	23	9	52	44.5	36- 5.4	120-41.2	0.0	2.2	10	117	3.8	0.26	1.5	1.6	B	SW 1/4 PRIEST VALLEY
	23	10	18	59.2	36-31.6	121- 7.5	4.1	1.0	7	111	4.7	0.05	0.3	1.0	B	SAN BENITO
	23	11	28	46.0	36-34.1	121-11.9	4.6	0.1	6	115	1.0	0.04	0.4	0.5	B	BICKMORE CANYON
	23	11	37	15.8	36-37.0	121-15.7	5.9	1.4	20	58	3.3	0.10	0.3	0.7	A	MT JOHNSON
	23	12	18	2.7	36-31.9	121- 5.3	12.7	0.6	6	145	2.6	0.03	0.5	1.0	B	SAN BENITO
	23	12	32	13.5	37-22.6	122-13.9	9.0	2.1	27	74	3.5	0.16	0.5	0.7	B	PALO ALTO
	23	12	44	21.4	37-22.8	122-13.4	7.4	1.1	10	71	3.4	0.12	0.7	1.0	A	PALO ALTO
	23	17	29	24.1	37- 6.6	121-30.1	8.5	1.4	15	114	5.2	0.10	0.5	1.0	B	GILROY
	23	21	2	19.8	37-23.2	122-14.3	8.5	1.2	8	78	4.6	0.09	0.7	1.2	A	PALO ALTO
	23	23	57	57.8	36-29.8	121- 6.7	3.4	0.6	7	149	3.5	0.13	1.2	0.9	C	NE 1/4 GREENFIELD
	24	1	45	30.7	37-18.5	121-35.1	3.1	0.4	7	147	6.5	0.07	0.6	0.4	B	ISABEL VALLEY
	24	3	52	50.7	37-21.8	121-43.6	5.3	1.1	10	78	2.7	0.09	0.5	0.3	A	LICK OBSERVATORY
	24	4	4	22.6	36-33.9	121- 7.3	13.9	1.0	8	75	6.2	0.07	0.7	1.8	A	SAN BENITO
	24	4	4	50.2	36-33.8	121- 6.5	16.0	0.4	7	87	6.6	0.00	0.0	0.1	A	SAN BENITO
	24	4	7	0.1	36-34.0	121- 7.4	14.1	0.7	8	73	5.9	0.09	0.9	2.3	B	SAN BENITO
	24	5	30	16.8	36-33.9	121- 7.2	13.5	1.8	14	59	6.2	0.06	0.3	0.4	A	SAN BENITO
	24	5	30	58.8	36-34.0	121- 7.2	14.0	1.4	9	76	6.3	0.0	0.6	1.2	A	SAN BENITO
	24	7	3	4.1	37- 9.8	121-32.9	5.7	1.6	19	114	6.7	0.0	0.6	0.9	B	MT SIZER
	24	7	15	35.4	36-31.5	121- 6.6	9.0	1.5	9	83	3.4	0.09	0.6	1.2	A	SAN BENITO
	24	7	21	8.4	37-33.9	121-50.5	6.1	2.2	24	73	12.5	0.14	0.5	0.7	B	LA COSTA VALLEY
	24	7	46	31.0	36-34.6	121-12.9	6.0	2.1	21	68	2.3	0.13	0.4	0.6	A	BICKMORE CANYON
	24	8	29	27.3	36-31.2	121- 6.5	9.8	0.6	8	85	3.2	0.07	0.6	1.5	A	SAN BENITO
	24	9	23	44.4	36-57.8	121-38.0	4.6	1.0	11	85	4.5	0.09	0.5	1.3	A	WATSONVILLE EAST
	24	9	53	29.0	36-36.9	121-15.4	5.4	2.1	24	59	3.1	0.13	0.4	0.6	A	MT JOHNSON
	24	11	53	9.5	36-36.6	121-14.9	3.9	1.8	20	60	3.1	0.13	0.5	0.5	A	BICKMORE CANYON
	24	13	48	38.1	36-35.5	121-13.8	5.9	1.1	10	68	4.0	0.04	0.2	0.4	A	BICKMORE CANYON
	24	15	6	6.1	36-31.3	121- 7.6	10.3	1.9	18	56	4.8	0.08	0.3	0.6	A	BICKMORE CANYON
	24	15	17	5.8	36-31.2	121- 7.5	10.3	1.1	11	86	4.6	0.09	0.5	1.1	A	BICKMORE CANYON
	24	15	47	30.8	36-11.6	120-47.2	0.2	1.8	6	157	2.4	0.13	0.8	0.8	B	MONARCH PEAK

## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	PMS	ERH	ERZ	Q	QUADRANGLE	
MAR	24	16	18	46.8	36-36.4	121-14.7	6.0	1.8	20	62	3.4	0.13	0.4	0.9	A	BICKMORE CANYON
	24	23	10	44.6	36-34.5	121-12.5	5.3	2.6	27	67	1.7	0.15	0.4	0.6	A	BICKMORE CANY
	25	6	9	59.3	36-34.8	121-12.8	4.9	1.6	16	66	2.1	0.09	0.3	0.8	A	BICKMORE CANYON
	25	7	3	7.3	36-34.6	121-12.6	5.3	2.9	32	66	1.9	0.15	0.4	0.6	A	BICKMORE CANYON
	25	11	22	32.1	36-58.1	121-38.9	4.8	1.7	18	69	4.4	0.09	0.3	0.4	A	WATSONVILLE EAST
	25	15	28	19.3	36-51.0	121-35.4	5.4	2.3	28	69	3.9	0.18	0.5	0.6	R	SAN JUAN BAUTISTA
	25	17	21	19.8	37- 9.4	121-32.1	10.0	0.6	7	118	8.0	0.05	0.5	1.1	R	MT SIZER
	25	17	51	26.4	37-56.8	122- 0.5	6.0	1.6	9	109	9.0	0.16	1.1	1.0	R	WALNUT CREEK
	25	19	38	8.5	36-34.7	121-12.5	5.1	1.7	14	66	1.7	0.10	0.4	0.9	A	BICKMORE CANYON
	25	21	28	26.8	36-32.1	121- 5.9	13.5	1.0	6	124	3.4	0.10	1.4	3.0	R	SAN BENITO
	26	1	28	44.3	37-31.3	121-50.3	4.8	0.7	11	138	8.5	0.16	0.5	0.5	C	LA COSTA VALLEY
	26	1	55	43.6	36-36.6	121-15.2	4.9	1.0	10	61	3.3	0.04	0.2	0.5	A	MT JOHNSON
	26	2	31	4.6	36-14.7	120-49.5	3.1	1.3	7	137	4.3	0.12	1.0	4.2	C	MONARCH PEAK
	26	3	17	31.3	36-33.2	121- 6.1	10.9	0.9	8	95	5.3	0.10	0.9	2.1	R	SAN BENITO
	26	3	43	55.8	36-31.8	121- 6.2	11.0	1.1	8	127	3.3	0.09	0.8	1.4	R	SAN BENITO
	26	5	59	50.3	36-31.1	121- 7.9	10.1	1.9	13	61	5.1	0.07	0.4	0.8	A	BICKMORE CANYON
	26	6	8	25.6	37- 8.8	121-31.6	8.5	0.8	11	118	8.9	0.09	0.5	1.2	R	MT SIZER
	26	6	12	36.6	36-30.7	121- 6.6	10.0	2.5	22	52	3.1	0.13	0.5	0.8	A	SAN BENITO
	26	6	17	2.7	37-22.9	122-14.2	8.9	2.7	22	79	4.3	0.19	0.6	0.9	B	PALO ALTO
	26	6	32	2.3	36-30.6	121- 6.6	10.6	2.4	22	50	3.1	0.13	0.5	0.8	A	SAN BENITO
	26	6	41	51.9	36-30.9	121- 7.6	9.9	1.2	8	89	4.6	0.07	0.6	1.4	A	BICKMORE CANYON
	26	8	16	31.2	36-30.7	121- 6.7	9.2	1.3	10	111	3.3	0.08	0.5	0.9	R	SAN BENITO
	26	9	30	48.0	36-33.8	121-11.4	3.4	2.4	19	52	1.4	0.13	0.5	0.5	A	BICKMORE CANYON
	26	9	48	56.6	37-23.3	122-14.4	9.7	0.7	6	115	4.4	0.08	1.1	1.3	R	PALO ALTO
	26	10	3	1.4	36-31.2	121- 7.5	8.3	0.9	7	139	4.5	0.09	0.8	1.7	R	SAN BENITO
	26	10	12	56.6	37-23.1	122-14.0	9.4	0.6	6	110	4.4	0.08	1.1	1.4	R	PALO ALTO
	26	10	30	7.7	36-33.7	121-11.1	3.5	1.7	13	105	1.6	0.08	0.4	0.3	R	BICKMORE CANYON
	26	12	45	22.1	36-37.4	121-15.8	5.2	0.8	9	89	2.9	0.08	0.5	0.9	A	MT JOHNSON
	26	13	12	46.5	36-50.1	121-33.1	2.9	1.7	15	58	4.5	0.10	0.4	0.4	A	SAN JUAN BAUTISTA
	26	13	47	1.9	36-31.4	121- 7.6	6.2	1.1	6	170	4.9	0.01	0.1	0.2	R	BICKMORE CANYON
	26	14	34	48.2	36-36.5	121-14.6	4.0	1.2	9	61	3.1	0.05	0.3	0.3	A	BICKMORE CANYON
	26	16	15	22.3	36-31.4	121- 7.2	8.9	0.6	7	89	4.3	0.07	0.7	1.5	A	SAN BENITO
	26	16	58	54.5	36-32.0	121- 5.1	8.2	0.6	7	113	2.8	0.07	0.7	1.3	R	SAN BENITO
	26	17	20	59.9	36-36.5	121-14.8	4.1	2.3	25	61	3.1	0.17	0.5	1.0	B	BICKMORE CANYON
	26	17	46	17.7	36-32.2	121- 7.3	4.3	2.0	12	76	5.0	0.15	0.7	2.3	R	SAN BENITO
	26	18	1	58.7	36- 3.0	121-53.0	15.3	2.3	29	70	10.5	0.25	1.0	1.5	R	HONKER RAY
	26	18	24	4.7	36-31.5	121- 6.7	9.3	1.5	13	132	3.7	0.12	0.7	0.9	R	SAN BENITO
	26	20	55	30.3	36-31.0	121- 7.8	10.6	2.0	19	59	5.0	0.09	0.3	0.5	A	BICKMORE CANYON
	27	3	19	34.2	36-27.8	121- 4.4	4.9	1.2	9	146	5.3	0.09	0.8	1.5	R	NE 1/4 GREENFIELD
	27	3	39	21.9	37-28.3	121-49.1	5.7	1.0	9	84	2.9	0.13	0.8	1.5	A	CALAVRAS RESERVOIR
	27	4	5	49.9	36-31.3	121- 7.6	9.9	0.6	8	139	4.7	0.10	0.8	1.5	R	BICKMORE CANYON
	27	5	29	27.1	36-34.9	121-12.6	4.7	1.2	12	65	2.0	0.07	0.3	0.6	A	BICKMORE CANYON
	27	5	36	39.7	36-31.0	121- 8.1	7.6	0.4	7	89	5.4	0.07	0.6	1.4	A	BICKMORE CANYON
	27	6	38	25.4	37-55.5	121-50.9	3.9	1.8	12	153	5.2	0.17	1.0	0.5	C	ANTINCH SOUTH
	27	8	42	39.0	36-58.	121-38.9	5.2	1.1	14	70	4.5	0.09	0.4	0.5	A	WATSONVILLE EAST



## CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
MAR	27	8	55	33.6	36-31.4	121- 6.8	9.1	1.3	13	81	3.7	0.11	0.6	1.1	A	SAN BENITO
	27	12	37	55.6	36-15.5	120-51.0	6.0	1.7	10	122	6.8	0.18	1.1	2.7	B	SE 1/4 HERNANDEZ VALLEY
	27	13	20	31.8	36-15.7	120-51.2	4.4	1.1	8	121	7.4	0.15	1.1	4.8	B	SE 1/4 HERNANDEZ VALLEY
	27	14	28	7.9	37-22.7	122-14.3	7.1	1.6	6	96	4.1	0.04	0.5	1.0	B	PALO ALTO
	27	15	23	18.6	36-35.3	121-13.8	6.1	0.9	8	74	3.9	0.03	0.2	0.4	A	BICKMORE CANYON
	27	16	12	48.9	36-31.6	121- 7.0	8.0	1.2	9	109	4.1	0.10	0.6	1.3	A	SAN BENITO
	27	19	36	5.6	36-34.7	121-13.0	6.2	1.1	10	70	2.5	0.05	0.3	0.5	A	BICKMORE CANYON
	27	19	37	34.3	36-34.6	121-12.8	6.3	1.6	14	67	2.2	0.07	0.3	0.6	A	BICKMORE CANYON
	27	19	55	47.7	37-26.8	121-47.9	5.2	1.8	15	73	0.6	0.19	0.8	0.6	B	CALAVERAS RESERVOIR
	27	20	29	29.6	37-26.7	121-46.8	4.0	0.9	8	103	1.8	0.13	1.1	0.5	B	CALAVERAS RESERVOIR
	27	20	33	34.9	36-38.6	121-14.9	7.9	0.5	9	154	1.7	0.06	0.5	0.8	B	CHERRY PEAK
	28	1	16	5.6	36-31.6	121- 5.8	9.9	0.7	8	127	2.6	0.13	1.1	1.8	A	SAN BENITO
	28	2	59	26.1	37-23.4	122-14.3	8.6	1.0	8	78	4.2	0.07	0.6	0.9	A	PALO ALTO
	28	5	34	20.6	36-32.2	121- 7.6	9.7	1.7	14	67	5.5	0.10	0.5	1.0	A	BICKMORE CANYON
	28	5	57	43.7	37-17.4	121-38.4	4.1	2.0	19	75	4.6	0.09	0.3	0.2	A	LICK OBSERVATORY
	28	6	37	21.9	36-35.7	121-13.7	4.1	1.0	9	75	4.1	0.04	0.2	0.6	A	BICKMORE CANYON
	28	16	8	13.1	36-47.6	121-30.3	4.4	1.2	12	124	4.7	0.14	0.8	1.6	B	SAN JUAN BAUTISTA
	28	21	41	11.8	36-41.8	121-21.7	4.4	1.9	15	53	2.2	0.14	0.6	0.7	A	PAICINES
	29	1	13	7.5	36-49.2	121-23.4	9.0	1.5	11	66	4.3	0.07	0.5	1.2	A	HOLLISTER
	29	3	45	12.4	36-31.8	121- 7.9	4.4	1.6	11	81	5.5	0.11	0.6	1.7	B	BICKMORE CANYON
	29	4	32	58.3	36-34.7	121-13.0	6.6	1.6	15	67	2.5	0.08	0.3	0.8	A	BICKMORE CANYON
	29	5	16	4.1	36-37.2	121-15.4	4.3	2.0	20	57	2.7	0.12	0.4	0.5	A	MT JOHNSON
	29	5	42	33.1	36-30.2	121- 7.9	3.5	0.9	10	72	5.1	0.10	0.6	0.7	B	BICKMORE CANYON
	29	8	22	40.7	36-34.7	121- 4.2	11.3	1.7	13	83	4.3	0.12	0.7	1.1	A	SAN BENITO
	29	17	17	38.8	36-31.1	121- 7.8	10.5	1.6	11	88	5.0	0.07	0.4	0.9	A	BICKMORE CANYON
	29	18	44	30.7	37-18.6	121-38.4	7.8	1.4	11	79	3.6	0.13	0.7	1.4	A	LICK OBSERVATORY
	29	19	1	58.2	36-35.9	121-12.8	1.3	1.2	7	111	3.3	0.07	0.5	0.5	B	BICKMORE CANYON
	29	19	38	29.7	36-34.6	121- 4.1	12.0	0.9	8	98	4.1	0.08	1.0	2.0	B	SAN BENITO
	29	20	45	19.1	36-14.1	120-49.6	5.8	1.0	7	125	3.7	0.12	1.2	2.4	B	MONARCH PEAK
	29	23	56	33.7	36-31.4	121- 7.1	10.2	1.2	7	135	4.1	0.08	0.8	1.6	B	SAN BENITO
	30	2	43	35.6	36-31.4	121- 6.4	10.2	0.7	8	83	3.1	0.09	0.8	1.7	A	SAN BENITO
	30	3	29	24.3	36-36.3	121-14.6	4.7	0.9	8	90	3.5	0.06	0.4	0.8	B	BICKMORE CANYON
	30	4	56	41.3	36-34.9	121-13.2	6.2	1.2	10	84	2.9	0.03	0.2	0.4	A	BICKMORE CANYON
	30	7	54	7.1	37-48.2	121-56.6	7.1	1.5	9	71	1.8	0.06	0.4	0.6	A	DIABLO
	30	15	54	45.0	36-35.1	121-13.1	4.6	0.6	8	76	2.9	0.05	0.3	0.6	A	BICKMORE CANYON
	30	17	39	54.7	35-30.7	120-47.7	7.0	2.2	8	194	42.3	0.11	1.6	1.9	C	***SW OF PASO ROBLES***
	30	18	23	58.4	36-44.7	120-58.7	6.1	2.2	13	240	14.0	0.15	1.9	3.3	C	NW 1/4 PANOCH VALLEY
	30	18	52	1.5	36-34.4	121-12.9	7.9	2.0	14	69	2.3	0.06	0.2	0.6	A	BICKMORE CANYON
	31	0	2	41.1	36-37.7	121-15.8	4.4	1.9	20	54	2.8	0.11	0.4	0.5	A	PAICINES
	31	6	53	27.6	35-52.7	121- 8.0	10.9	1.7	10	235	23.0	0.17	3.5	2.4	D	JOLON
	31	8	47	18.2	37- 8.9	121-33.3	5.6	1.4	12	109	6.3	0.08	0.4	0.6	B	MT SIZER
	31	9	25	22.3	36-32.2	121- 9.3	9.3	1.2	10	100	5.2	0.07	0.5	1.0	B	BICKMORE CANYON
	31	10	8	47.8	36-27.7	121- 4.8	5.6	1.8	17	94	5.3	0.13	0.5	1.3	B	NE 1/4 GREENFIELD
	31	10	29	36.1	36-31.0	121- 7.9	10.4	1.9	15	59	5.1	0.08	0.4	0.7	A	BICKMORE CANYON
	31	11	47	38.5	36-34.2	121-12.5	6.9	1.1	10	74	1.8	0.05	0.3	0.5	A	BICKMORE CANYON

# CENTRAL CALIFORNIA EARTHQUAKES—FIRST QUARTER 1972 (CONTINUED)

1972	HR	MM	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	OMIN	RMS	ERH	ERZ	Q	QUADRANGLE
MAR	31	15	4	12.9	36-31.1	121- 7.7	9.6	1.0	8	87	4.9	0.06	0.5	1.3	A BICKMORE CANYON
	31	15	6	26.4	36-31.1	121- 7.9	10.4	1.8	13	58	5.1	0.07	0.3	0.7	A BICKMORE CANYON
	31	15	43	34.9	36-34.3	121-12.6	6.9	1.0	8	110	1.9	0.04	0.3	0.4	B BICKMORE CANYON
	31	17	28	54.6	36-42.3	121-21.4	2.4	1.9	18	53	1.3	0.21	0.8	0.7	B PAICINES
	31	17	44	17.8	36-50.4	119-59.6	2.4	2.9	23	139	30.5	0.21	1.1	1.1	C ***NW OF FRESNO***
	31	20	6	46.2	36-36.6	121-15.1	4.8	2.3	21	61	6.8	0.11	0.3	0.7	B MT JOHNSON
	31	21	14	5.7	36-49.9	119-58.8	5.4	3.7R	22	143	30.1	0.25	1.5	2.0	C ***NW OF FRESNO***
	31	23	58	11.2	37-46.2	122-10.9	9.1	1.6	18	50	1.4	0.20	0.7	1.3	B OAKLAND EAST