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DEPARTMENT OF THE INTERIOR
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CATALOG OF EARTHQUAKES ALONG THE SAN ANDREAS FAULT SYSTEM IN CENTRAL CALIFORNIA July - September 1972*

by

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

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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 July - September, 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). Catalogs for the first and second quarters of 1972 have been prepared by Wesson and others (1972 a & b). The basic data contained in these catalogs provide a foundation for further studies.

This catalog contains data on 1254 earthquakes in Central California. Arrival times at 129 seismograph stations were used to locate the earthquakes listed in this catalog. Of these, 104 are telemetered stations operated by NCER. Readings from the remaining 25 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.

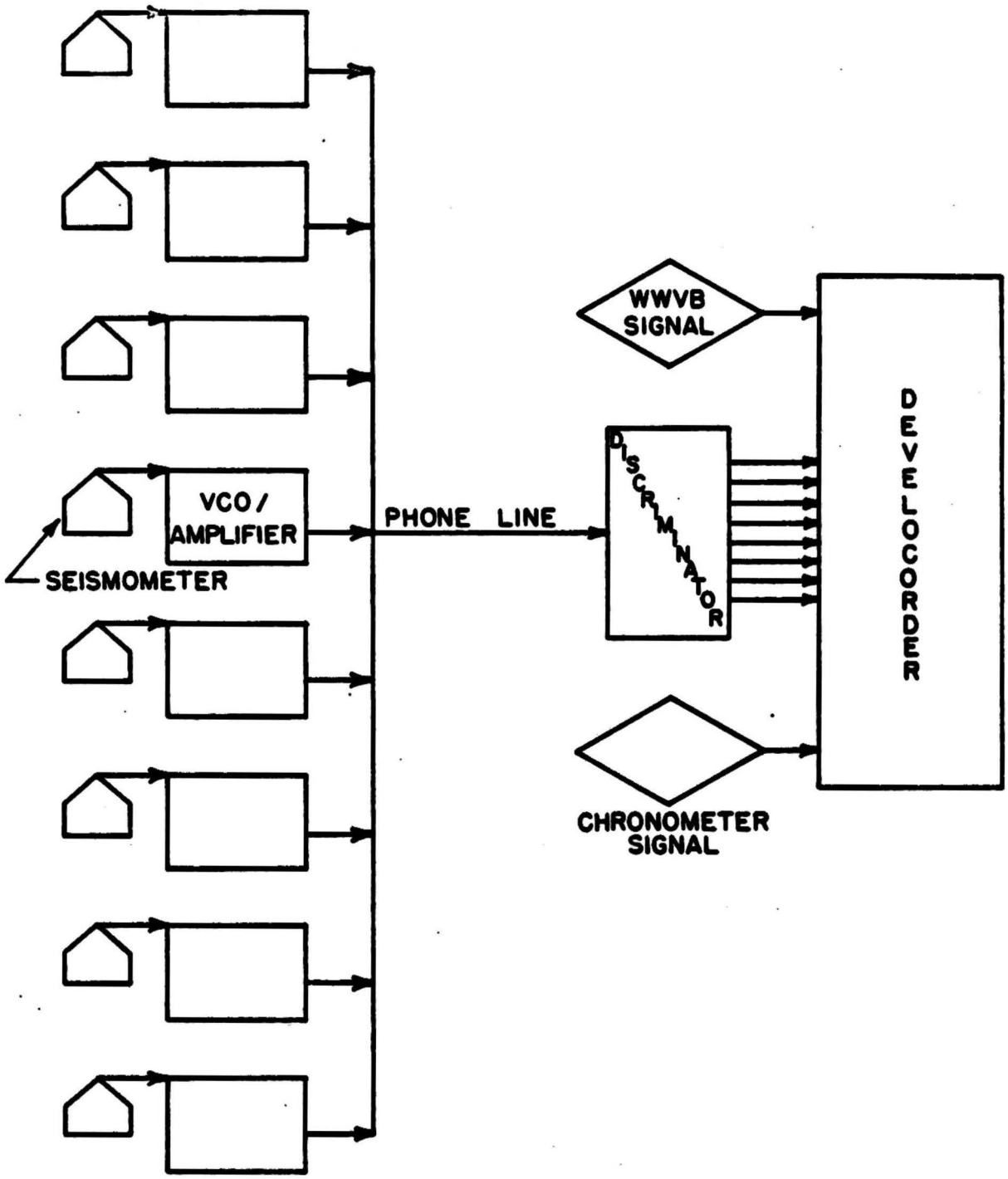

Figure 1. Block diagram of the NCER telemetered seismograph system.

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 13 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 HYPO71 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 HYPO71, (5) correcting errors, (6) adding data from other sources, (7) rerunning HYPO71, (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

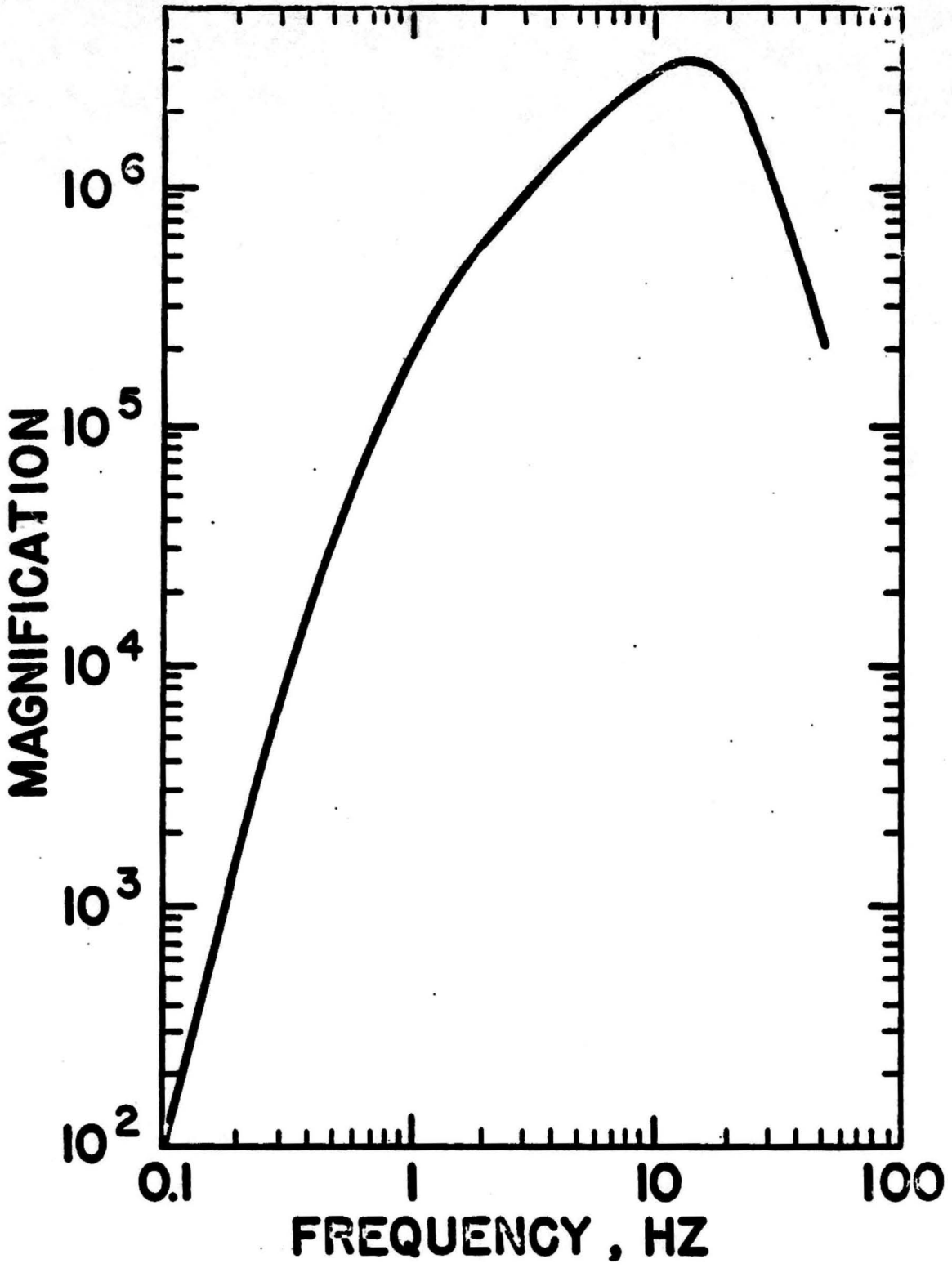

Figure 2. System response of a typical NCER telemetered seismograph station. This magnification curve is obtained for a typical system (L-4C seismometer, Develco VCO/Amplifier, Develco Discriminator, and Geotech Develocorder) with electronic gains adjusted to produce a 10 mm peak-to-peak record amplitude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

TABLE I. STATION DATA*

TABLE 1A. NCER TELEMETERED STATIONS

CODE	LAT N	LONG W	ELV	K	D(E)	D(N)	NOTE **
ABP	37-56.35	122-45.53	140	2	(3.5)	(3.5)	
ALR	37- 9.50	121-50.02	244	1	1.6	1.8	
AMD	37- 9.74	121-37.45	244	1	3.0	3.2	
ANG	37-51.68	122-29.77	223	1	2.2	2.2	
ANZ	36-93.08	121-35.45	122	2	4.4	1.4	
ARN	37-20.96	121-31.96	628	1	3.9	4.2	
BBR	38-15.65	122-32.99	137	1	2.2	2.2	
BCR	37- 9.62	122- 1.57	660	2	3.7	4.7	
BEN	36-30.60	121- 4.53	448	2	3.4	3.0	
BGN	37-20.52	122-20.34	158	2	3.8	3.8	
BGK	36-35.48	121- 1.92	1217	1	(3.5)	(3.5)	
BOL	37-48.97	122- 3.72	610	1	4.6	5.0	
BRO	38- 0.48	120-24.92	387	1	(3.5)	(3.5)	
BTN	36-18.90	120-59.75	381	2	2.1	2.1	
BVL	36-34.91	121-11.34	910	2	3.1	0.6	
BWR	37-55.45	122- 6.40	221	1	9.1	9.1	
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	9.2	9.2	
CBO	37- 6.71	121-41.33	192	1	2.2	2.7	
CCR	37-47.30	121-57.00	185	1	7.1	7.1	
CDR	38-22.19	122-27.70	620	1	2.2	2.2	
CHR	36-57.46	121-35.01	241	1	2.1	3.6	
CMR	36-42.55	121-20.60	305	2	4.8	0.7	
CNS	37-56.33	120-31.76	373	1	(3.5)	(3.5)	
COE	37-15.46	121-40.35	346	1	5.9	6.8	
COP	37-58.36	120-37.82	336	1	(3.5)	(3.5)	
CRH	38- 1.12	120-38.57	475	1	(3.5)	(3.5)	
CYN	37-33.54	122- 9.62	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	190	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	
EKH	36-39.88	121-18.45	342	1	1.6	4.8	
EMM	36-39.68	121- 9.76	488	1	0.8	2.2	
EUC	37- 3.04	121-48.56	438	2	3.8	3.8	
FAR	37-41.98	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	
FWL	38- 1.17	120-35.00	880	1	(3.5)	(3.5)	
GDH	35-49.86	120-21.17	433	1	3.3	3.4	
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	4.9	
LTH	37-21.22	122-12.25	270	2	3.8	3.4	
MCN	37-53.17	120-30.40	362	1	(3.5)	(3.5)	
MGA	37-38.22	122-28.43	201	2	2.4	2.4	
MHR	37-21.57	121-49.38	918	1	9.3	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)	
MNR	37-39.68	121-38.22	900	1	4.6	4.6	
MOB	37-27.01	122-11.00	21	1	3.8	2.6	
MON	36-36.03	121-55.06	192	2	1.1	1.1	
MOP	36-12.91	120-47.69	784	2	1.8	1.9	
MOR	37-48.68	121-48.15	792	1	6.6	6.6	
MSJ	37-31.25	121-52.23	498	1	(3.5)	(3.5)	7/1 TO 9/30
MWS	38-33.03	122-43.37	134	1	3.3	3.3	
OBF	37-54.00	120-34.04	176	1	(3.5)	(3.5)	
OCR	36-55.03	121-30.46	98	1	3.0	4.4	
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	122-28.98	84	2	3.2	2.5	

TABLE 1A. NCER TELEMETERED STATIONS (CONTINUED)

CODE	LAT N	LONG W	ELV	K	D(E)	D(N)	NOTE **
PRP	35-52.91	120-24.81	469	1	4.3	5.3	
PRN	36-51.38	121-24.37	122	1	4.6	6.5	
PLV	36-58.62	121-49.93	158	2	(3.5)	(3.5)	7/1 TO 9/30
PRR	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	
QBR	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	1.2	7/1 TO 9/27
SAN	37-12.74	122-10.06	262	2	(3.5)	(3.5)	
SBCC	34-26.48	120-10.32	610	2	(3.5)	(3.5)	
SBCD	34-22.12	119-20.63	213	2	(3.5)	(3.5)	
SBLC	34-29.79	119-42.81	1700	2	(3.5)	(3.5)	
SBLG	34- 6.57	119- 3.85	415	2	(3.5)	(3.5)	
SBLP	34-33.62	120-24.03	134	2	(3.5)	(3.5)	
SBSC	33-59.68	119-37.99	497	2	(3.5)	(3.5)	
SBSN	34- 2.25	120-20.99	172	2	(3.5)	(3.5)	
SBSR	33-14.70	119-30.40	259	2	(3.5)	(3.5)	
SPT	37-24.31	122-10.55	143	1	4.0	4.0	
SMS	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	
SJB	36-47.88	121-34.43	171	2	3.0	1.5	
SPT	38-10.06	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	
STN	37-24.27	120-24.29	366	1	(3.5)	(3.5)	
STV	37-17.07	122- 7.42	387	2	3.0	3.0	
SVC	37-17.11	121-44.35	128	1	5.-	4.8	
TAV	35-56.73	120-28.65	552	1	4.3	5.6	
TMN	38-23.15	122-40.83	105	1	2.7	2.7	
TVL	38- 8.62	121-33.79	1	1	(3.5)	(3.5)	7/7 TO 9/30
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	903	2	4.2	4.4	

** THIS COLUMN INDICATES THE OPERATION PERIOD. IF IT IS BLANK THEN THIS STATION HAS BEEN OPERATED CONTINUOUSLY DURING THE THIRD QUARTER 1972.

TABLE 1B. STATIONS OPERATED BY OTHER INSTITUTIONS

CODE	LAT N	LONG W	ELV	K	D(E)	D(N)
BRS	37-52.60	122-14.10	276	1	2.4	2.4
BRR	37-52.40	122-15.60	81	1	2.4	2.4
FRC	40-48.10	123-59.10	610	1	(3.5)	(3.5)
FRI	36-59.50	119-42.50	119	1	(3.5)	(3.5)
GCC	37- 1.80	121-59.80	122	2	1.7	1.7
JAS	37-36.80	120-26.30	457	1	(3.5)	(3.5)
LLA	36-37.00	120-56.60	475	1	1.5	2.1
MMC	37-20.50	121-38.90	1282	1	4.5	5.0
MIN	40-20.70	121-36.30	1405	1	(3.5)	(3.5)
ORV	39-33.33	121-30.00	362	1	(3.5)	(3.5)
PCC	37-30.00	122-22.90	91	2	3.7	3.7
PRI	36- 8.50	120-39.90	1187	1	4.0	4.0
PRS	36-19.90	121-22.20	363	2	1.1	1.1
SAO	36-45.90	121-26.70	350	2	2.7	1.0
SBC	36-39.88	121-39.63	219	2	4.4	3.2
SRC	37-14.50	122- 7.82	607	2	4.0	4.4
HCC	36-58.88	121-43.35	159	2	4.0	4.2
HBC	37-52.90	121-54.85	1173	1	4.8	4.8
OLC	38- 2.38	122-47.55	30	2	2.6	2.6
SAC	37-34.95	122-25.03	207	2	2.2	2.2
SPR	37-47.28	122-23.37	8	1	1.9	1.9
SHC	38-40.22	122-38.03	1200	1	(3.5)	(3.5)
SLD	37- 4.48	121-13.23	443	1	2.3	5.2
STC	36-38.10	121-14.00	259	2	5.5	1.9
WBM	39-24.18	120- 9.98	1804	1	(3.5)	(3.5)

* LAT and LONG are latitude and longitude in degrees and minutes. ELV is elevation in meters. D(E) and D(N) are given in kilometer.. See text (p. 10) for explanation of K, D(E), and D(N).

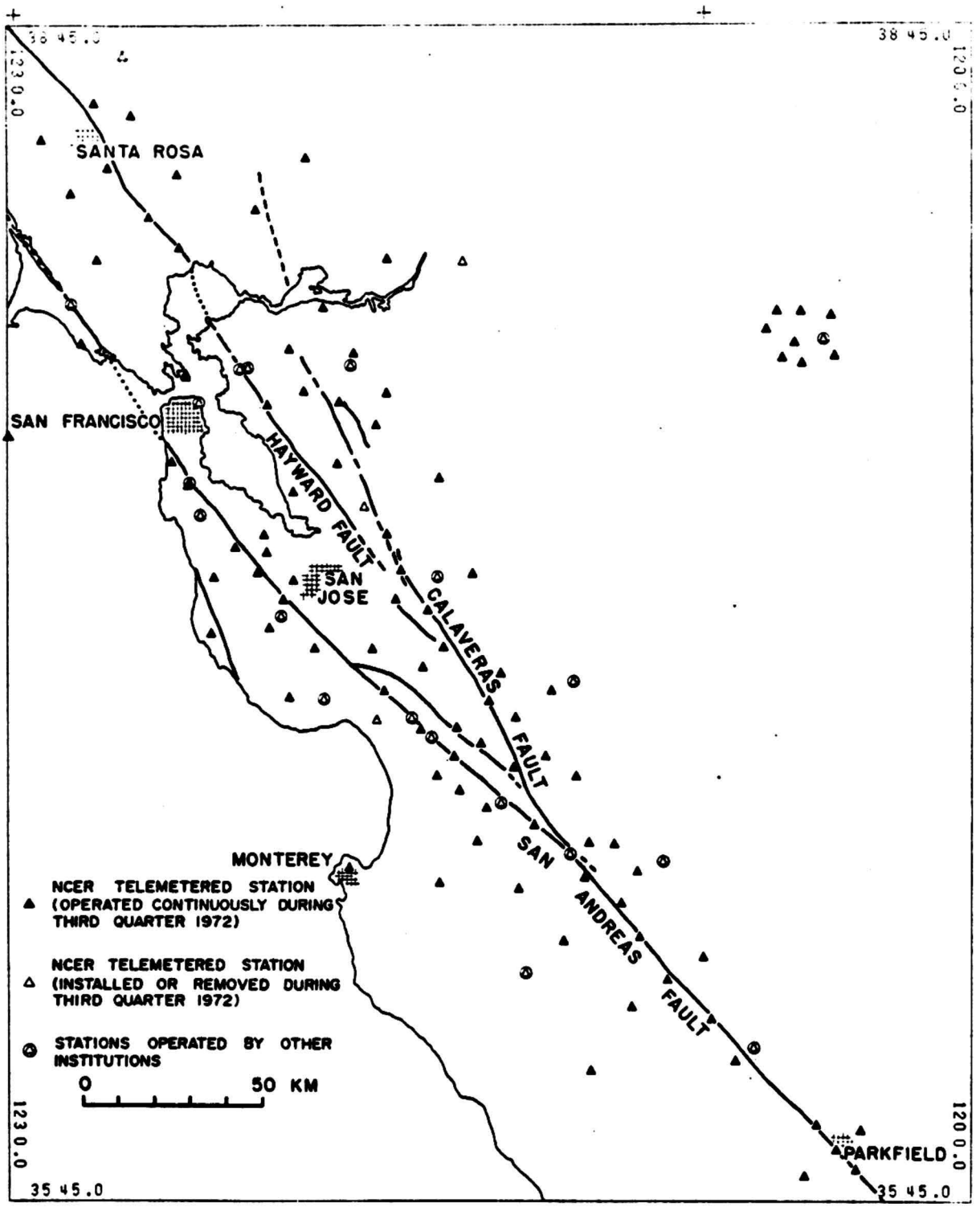

Figure 3. Map showing principal seismograph stations used in locating earthquakes.

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 HYPO71 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 press). It is specified by:

Layer	Depth (km)	P-velocity (km/sec)	S-velocity (km/sec)
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 (1972a). In brief, the magnitude of an earthquake is based on the average of magnitudes estimated at various stations. Station magnitude (M) is derived from its recorded signal duration [τ] according to:

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

where Δ 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, Mount Hamilton and the Stanford-U.S.G.S. Wood-Anderson at Palo Alto. 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 third quarter of 1972 50 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°; 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° 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:

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

Epicenters 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 third 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

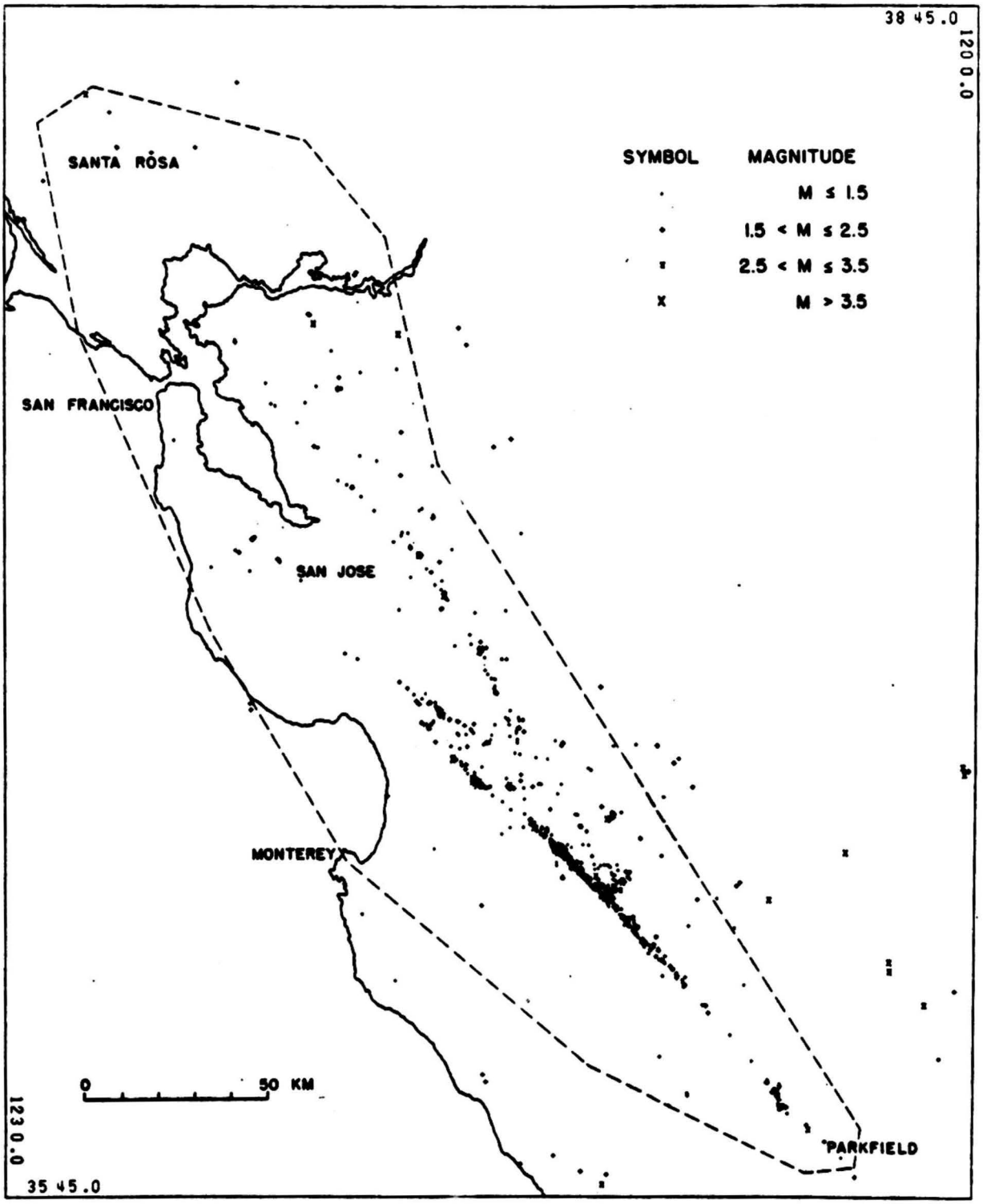

Figure 4. Map showing earthquake epicenters reported in the Appendix. Earthquakes in the region enclosed by the dashed line are generally well recorded and located.

may be systematically biased by as much as 2-3 km (Mayer-Rosa, 1973).

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

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APPENDIX: CATALOG OF EARTHQUAKES (July - September, 1972)

Earthquakes along the San Andreas fault system in central California for July - September, 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:

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

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

(9) ERH, standard error of the epicenter in kilometers:

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

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

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

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

Q	Epicenter	Focal Depth
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

	NO	GAP	DMIN
A	≥ 6	$\leq 90°$	$\leq$ DEPTH or 5 km
B	≥ 6	$\leq 135°$	$\leq$ 2 X DEPTH or 10 km
C	≥ 6	$\leq 180°$	$\leq$ 50 km
D	Others		

Statistical Measures

	RMS (sec)	ERH (km)	ERZ (km)
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--THIRD QUARTER 1972

1972		HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	EPH	ERZ	Q	QUADRANGLE
JUL	1	5	51	29.2	37-32.7	121-55.0	4.5	0.8	11	74	10.2	0.13	0.7	0.8	B	NILES
	1	10	10	5.0	36-35.5	121-13.8	5.4	0.7	7	92	4.2	0.06	0.5	0.8	B	BICKMORE CANYON
	1	18	21	58.8	36-26.1	121- 1.6	0.1	1.3	11	110	1.4	0.12	0.4	0.4	B	NE 1/4 GREENFIELD
	1	18	43	10.5	36-29.6	121- 6.3	4.0	0.4	8	103	3.3	0.14	0.7	2.7	B	NE 1/4 GREENFIELD
	2	9	49	31.9	36-40.1	121-27.0	2.3	0.7	9	88	6.1	0.08	0.4	0.6	B	MT HARLAN
	2	12	58	41.1	36-57.2	121-39.7	7.6	1.0	11	92	2.5	0.12	0.8	1.2	B	WATSONVILLE EAST
	2	14	6	58.6	36-34.3	121-12.7	6.9	0.6	7	109	2.0	0.05	0.4	0.7	B	BICKMORE CANYON
	3	6	6	12.4	36-50.3	121-30.7	7.7	1.2	14	57	7.1	0.11	0.5	1.2	A	SAN JUAN BAUTISTA
	3	8	56	24.7	37-47.3	121-57.7	3.6	0.9	9	63	1.1	0.15	0.8	0.6	B	DIABLO
	3	11	58	4.1	37-47.5	121-57.1	3.8	1.4	8	80	0.4	0.11	0.6	0.5	A	DIABLO
	3	12	15	36.6	36-48.0	121-32.5	6.9	2.8	33	49	2.9	0.16	0.4	0.8	B	SAN JUAN BAUTISTA
	3	12	38	54.1	36-32.2	121- 9.7	9.1	2.9	30	63	4.9	0.15	0.5	0.7	B	BICKMORE CANYON
	3	12	40	37.3	36-32.1	121- 9.5	8.7	2.3	17	62	5.2	0.13	0.5	1.1	A	BICKMORE CANYON
	3	12	44	38.7	36-48.0	121-31.5	6.8	0.8	10	110	4.3	0.13	0.8	1.3	B	SAN JUAN BAUTISTA
	3	12	52	39.3	36-32.2	121- 9.6	8.5	1.9	14	62	5.1	0.09	0.4	0.9	A	BICKMORE CANYON
	3	14	46	4.1	36-32.4	121- 9.6	8.3	0.7	8	76	4.7	0.07	0.5	1.2	A	BICKMORE CANYON
	3	15	12	54.9	36-32.3	121- 9.5	8.2	1.6	12	71	4.9	0.07	0.4	0.7	A	BICKMORE CANYON
	3	16	56	7.2	36-32.2	121- 9.4	7.9	1.9	12	61	5.2	0.10	0.5	1.0	A	BICKMORE CANYON
	4	1	20	45.4	36-35.4	121- 8.0	6.2	0.8	6	100	5.3	0.05	0.7	1.8	B	BICKMORE CANYON
	4	1	54	42.5	36-34.9	121- 9.1	8.0	1.1	9	112	3.4	0.12	0.7	1.8	B	BICKMORE CANYON
	4	1	54	42.5	36-35.3	121- 8.7	8.1	1.1	8	101	4.3	0.08	0.7	1.5	B	BICKMORE CANYON
	4	12	44	6.4	36-33.3	121- 6.3	8.9	1.5	10	69	5.6	0.09	0.5	1.1	A	SAN BENITO
	4	13	25	28.1	36-37.3	121-17.4	8.8	0.9	14	86	5.3	0.09	0.4	0.8	A	MT JOHNSON
	4	14	7	36.6	36-31.4	121- 6.1	8.3	0.8	8	82	2.8	0.07	0.5	1.0	A	SAN BENITO
	4	14	10	21.4	36-31.5	121- 6.2	8.0	0.7	8	82	3.0	0.08	0.6	1.2	A	SAN BENITO
	4	18	18	3.7	37-47.6	121-57.7	3.7	1.2	10	82	1.2	0.11	0.5	0.4	A	DIABLO
	4	18	26	21.4	37-47.3	121-57.8	4.4	1.1	7	86	1.2	0.08	0.6	0.5	A	DIABLO
	4	18	30	17.6	37-47.5	121-57.8	3.7	1.8	13	63	1.2	0.15	0.6	0.4	A	DIABLO
	4	19	23	15.3	37-47.6	121-57.8	7.2	2.1	17	95	1.3	0.11	0.5	2.2	B	DIABLO
	4	21	41	24.5	36-27.4	121- 3.7	1.2	1.5	10	101	5.3	0.05	0.3	0.2	B	NE 1/4 GREENFIELD
	5	8	25	27.4	36-57.7	121-37.8	4.4	0.8	12	76	4.2	0.07	0.3	0.9	A	WATSONVILLE EAST
	5	8	58	51.8	36-39.0	121-17.5	9.1	1.5	11	80	5.4	0.16	0.9	1.7	B	PAICINES
	5	9	25	32.6	36-38.1	121-17.6	10.0	1.3	10	84	5.4	0.10	0.7	1.4	A	PAICINES
	5	12	27	9.1	36-32.3	121- 9.3	7.3	0.9	9	77	5.1	0.08	0.5	1.2	A	BICKMORE CANYON
	5	12	35	50.2	36-32.4	121- 9.5	8.2	1.1	9	76	4.8	0.09	0.6	1.2	A	BICKMORE CANYON
	5	15	29	35.0	37-19.0	121-44.1	4.8	1.3	12	86	4.8	0.10	0.5	0.3	A	LICK OBSERVATORY
	5	16	46	49.2	36-32.3	120-43.3	9.2	1.9	12	221	20.3	0.16	2.5	4.1	D	TUMEY HILLS
	5	18	54	56.4	36-32.5	121-56.1	2.0	0.9	8	271	6.7	0.11	1.5	0.7	C	MONTEREY
	6	6	24	26.2	36-14.0	120-48.8	4.4	1.7	9	142	2.7	0.17	1.2	2.1	C	MONARCH PEAK
	6	9	45	57.3	36-56.9	121-40.0	10.6	1.4	16	72	2.0	0.07	0.3	0.5	A	WATSONVILLE EAST
	7	0	55	19.2	36-37.4	120-23.4	6.6	2.8	13	129	47.4	0.19	1.3	2.6	C	LEVIS
	7	1	24	26.8	36-55.6	121-23.0	7.3	1.6	23	93	6.5	0.11	0.3	0.9	B	SAN FELIPE
	7	9	38	56.4	36-26.9	121- 3.9	9.0	2.9	25	98	5.1	0.17	0.6	0.8	B	NE 1/4 GREENFIELD
	7	10	52	43.3	36-32.1	121- 6.1	11.8	3.2	32	77	3.7	0.10	0.4	0.3	A	SAN BENITO
	7	11	2	39.1	36-31.8	121- 6.4	10.1	1.3	13	77	3.6	0.08	0.4	0.8	A	SAN BENITO

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JUL 7	11	9	34.7	36-32.1	121- 6.2	10.9	1.8	15	77	3.7	0.10	0.5	0.7	A	SAN BENITO
7	11	28	21.3	36-31.7	121- 6.4	10.1	1.0	11	77	3.5	0.09	0.6	1.1	A	SAN BENITO
7	12	1	0.9	36-26.9	121- 4.0	7.6	2.0	14	98	5.1	0.09	0.5	0.9	B	NE 1/4 GREENFIELD
7	14	9	35.2	37-29.4	121-42.0	3.7	1.3	10	111	9.8	0.22	1.3	1.3	B	MT DAY
7	15	3	33.0	36-31.9	121- 6.2	11.1	2.1	15	78	3.4	0.12	0.6	1.0	A	SAN BENITO
7	15	27	13.0	36-32.0	121- 6.3	12.1	2.6	19	77	3.7	0.11	0.5	0.5	A	SAN BENITO
7	15	46	0.2	36-32.4	121- 9.6	8.0	1.1	9	76	4.7	0.10	0.6	1.4	A	BICKMORE CANYON
7	16	12	17.1	36-31.7	121- 6.2	11.1	1.1	10	79	3.2	0.07	0.4	0.9	A	SAN BENITO
7	19	50	0.2	36-32.5	121- 9.5	3.4	0.9	8	75	4.6	0.06	0.4	0.4	A	BICKMORE CANYON
7	19	52	56.6	36-53.5	121-16.0	5.5	1.9	28	109	3.8	0.15	0.5	1.1	B	THREE SISTERS
8	0	47	5.4	36-53.7	121- 2.3	3.0	1.1	11	230	17.0	0.15	1.3	0.6	C	LOS BANOS VALLEY
8	2	37	21.4	36-54.4	121-29.1	4.8	1.1	15	52	2.2	0.11	0.4	0.9	A	SAN FELIPE
8	5	2	52.7	36-32.1	121- 5.9	13.1	0.7	9	79	3.5	0.08	0.6	1.6	A	SAN BENITO
8	12	57	49.8	36-53.0	121-34.8	5.9	0.5	8	116	0.9	0.11	0.9	1.4	B	CHITTENDEN
8	13	14	40.7	36-44.3	121- 8.5	6.7	1.5	16	168	8.6	0.10	0.5	1.2	B	CHERRY PEAK
8	14	2	44.0	36-32.0	121- 6.3	11.0	1.3	12	78	3.6	0.08	0.4	0.8	A	SAN BENITO
8	18	18	54.3	36-26.8	121- 3.8	5.9	2.3	18	81	4.8	0.12	0.5	1.2	A	NE 1/4 GREENFIELD
8	20	3	11.5	36-37.2	121-14.9	7.8	0.9	9	78	2.2	0.11	0.8	1.5	A	BICKMORE CANYON
8	22	16	47.4	36-58.9	122-13.6	10.8	1.6	18	189	12.3	0.11	0.8	0.9	C	***OFFSHORE - MONTEREY B
8	23	42	20.0	36-26.9	121- 3.8	6.5	2.1	17	81	4.8	0.10	0.4	1.0	A	NE 1/4 GREENFIELD
9	1	41	35.0	36-26.3	121- 4.4	5.6	1.1	9	124	5.2	0.11	0.8	1.7	B	NE 1/4 GREENFIELD
9	2	0	53.4	36-30.4	121- 6.3	2.1	1.6	12	89	2.8	0.11	0.5	0.3	A	SAN BENITO
9	7	42	9.5	38-50.2	122-23.8	10.0	1.7	10	286	39.7	0.21	4.0	2.0	D	JERICHO VALLEY
9	7	50	27.1	38-50.1	122-25.0	9.8	1.8	10	286	38.7	0.30	2.6	2.3	D	JERICHO VALLEY
9	9	17	15.9	36-23.6	121- 0.7	7.4	1.5	11	101	3.5	0.10	0.6	1.2	B	NE 1/4 GREENFIELD
9	9	51	7.1	36-45.7	120-56.8	5.6	1.5	10	236	16.1	0.12	2.1	4.9	C	SW 1/4 ORTIGALITA PEAK
9	12	7	10.3	36-21.0	120-57.0	5.0	2.2	14	92	4.4	0.11	0.5	1.3	B	SW 1/4 HERNANDEZ VALLEY
9	12	23	31.6	37-54.9	122-16.8	5.0	1.5	15	78	5.0	0.11	0.6	0.5	A	RICHMOND
9	14	36	16.7	36-34.0	121-11.8	5.8	1.2	11	67	1.1	0.05	0.3	0.5	A	BICKMORE CANYON
9	21	48	55.2	37-58.8	122- 3.3	12.9	2.0	19	71	7.3	0.20	0.8	0.7	B	WALNUT CREEK
9	22	15	40.3	37-40.9	121-45.9	7.9	1.9	10	85	8.1	0.13	0.7	1.8	B	LIVERMORE
10	0	12	39.4	36-43.4	121- 4.9	2.6	1.3	8	205	7.0	0.09	1.3	0.6	C	PANOCHE PASS
10	0	52	43.5	36-55.2	121-33.7	5.1	1.4	14	69	4.6	0.09	0.4	0.9	A	CHITTENDEN
10	2	47	48.9	36-29.2	121- 5.7	1.7	1.3	9	102	3.1	0.10	0.5	0.4	B	NE 1/4 GREENFIELD
10	4	31	16.3	36-31.3	121- 7.1	7.7	0.9	9	85	4.1	0.10	0.6	1.4	A	SAN BENITO
10	6	2	30.9	36-56.5	121-34.0	5.7	2.1	35	56	2.3	0.11	0.3	0.4	A	CHITTENDEN
10	6	34	22.5	36-29.6	121- 6.2	3.2	1.0	8	101	3.1	0.08	0.6	0.5	B	NE 1/4 GREENFIELD
10	9	8	23.8	36-33.3	121- 4.3	11.1	0.6	7	137	4.9	0.10	1.8	3.5	C	SAN BENITO
10	11	40	33.7	36-53.8	121-15.7	4.7	1.2	16	156	4.3	0.12	0.6	0.7	B	THREE SISTERS
10	13	10	33.5	36-33.9	121-11.6	5.4	1.4	12	66	1.2	0.08	0.4	0.6	A	BICKMORE CANYON
10	14	21	15.3	36-30.6	121- 6.6	8.0	1.1	10	62	3.1	0.06	0.4	0.8	A	SAN BENITO
10	18	25	56.9	36-23.8	121- 0.6	4.8	1.4	13	102	3.1	0.10	0.5	1.1	B	NE 1/4 GREENFIELD
10	19	26	29.8	37-38.7	121-28.7	7.3	1.8	12	119	15.1	0.32	3.5	8.2	C	TRACY
10	22	28	7.5	37-53.2	121-58.9	4.7	1.1	8	137	6.0	0.07	0.7	0.6	B	CLAYTON
11	0	14	14.2	36-23.3	120-59.5	5.1	1.3	11	104	4.6	0.09	0.5	1.3	B	NW 1/4 HERNANDEZ VALLEY

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JUL 11	10	22	11.5	36-23.7	121- 0.8	6.9	1.1	11	100	3.3	0.09	0.6	1.1	B	NE 1/4 GREENFIELD
11	11	51	38.2	37-24.8	122-13.6	5.7	2.1	29	50	4.1	0.18	0.5	0.5	B	PALO ALTO
11	12	46	41.7	36-30.5	121- 6.9	8.7	1.9	14	63	3.5	0.09	0.4	0.9	A	SAN BENITO
11	13	57	48.9	36-31.3	121- 7.2	7.9	0.8	8	85	4.2	0.10	0.7	1.5	A	SAN BENITO
11	17	40	59.1	37-24.7	122-13.4	5.7	2.3	26	72	4.4	0.21	0.[illegible]	0.6	B	PALO ALTO
11	18	34	58.6	36-30.5	121- 6.5	8.4	1.1	8	92	3.0	0.08	0.8	1.5	B	SAN BENITO
11	19	51	7.9	37-24.7	122-13.5	5.6	2.3	27	50	4.3	0.16	0.5	0.4	B	PALO ALTO
11	20	22	55.0	37-25.3	121-45.8	6.3	1.3	10	81	4.5	0.13	0.7	1.8	A	CALAVERAS RESERVOIR
12	0	43	2.6	36-34.3	121-12.4	6.3	1.4	12	67	1.7	0.07	0.3	0.6	A	BICKMORE CANYON
12	10	16	18.9	36-34.9	121-12.9	4.5	1.0	11	68	2.5	0.08	0.4	0.8	A	BICKMORE CANYON
12	17	36	38.7	36-29.0	121- 5.8	3.5	1.0	9	100	3.4	0.05	0.3	0.4	B	NE 1/4 GREENFIELD
12	20	20	21.9	38-23.9	122-24.5	5.1	1.8	10	140	5.6	0.14	0.7	1.1	B	RUTHERFORD
12	21	3	1.7	36-31.3	121- 7.7	0.6	1.7	8	86	4.9	0.11	0.8	1.0	A	BICKMORE CANYON
12	21	31	40.8	36-26.8	121- 3.9	6.3	1.1	10	98	4.9	0.07	0.5	1.0	B	NE 1/4 GREENFIELD
12	22	44	9.8	36-40.6	121-20.5	5.3	1.7	16	61	3.5	0.12	0.4	1.1	A	PAICINES
13	1	3	21.1	36-23.3	121- 0.4	8.0	1.3	9	110	4.0	0.11	0.8	1.5	B	NE 1/4 GREENFIELD
13	3	35	44.3	37-45.3	122- 3.8	5.4	1.4	14	63	6.7	0.17	0.6	0.7	B	LAS TRAMPAS RIDGE
13	3	36	9.8	37-38.8	122- 2.1	4.3	2.2	23	49	7.2	0.18	0.5	0.5	B	HAYWARD
13	5	47	38.1	36-27.0	121- 2.5	7.3	1.1	11	108	3.7	0.09	0.5	1.0	B	NE 1/4 GREENFIELD
13	8	30	1.3	36-28.0	121- 5.3	7.5	1.0	11	91	5.0	0.10	0.5	1.1	B	NE 1/4 GREENFIELD
13	14	57	32.4	36-31.9	121- 6.2	10.9	1.3	9	126	3.5	0.10	0.8	1.3	B	SAN BENITO
13	18	24	36.7	36-31.8	121- 7.1	8.8	1.2	9	69	4.4	0.10	0.7	1.4	A	SAN BENITO
13	20	16	12.3	36-23.6	121- 0.8	5.8	1.4	9	100	3.4	0.10	0.7	1.3	B	NE 1/4 GREENFIELD
13	20	56	35.6	36-23.6	121- 0.5	7.5	1.1	8	106	3.6	0.10	0.8	1.4	B	NE 1/4 GREENFIELD
13	21	35	54.5	36-56.0	121-32.9	4.9	1.5	18	58	4.1	0.09	0.3	0.8	A	CHITTENDEN
14	2	55	33.4	36-23.0	121- 0.5	9.6	0.9	8	142	4.6	0.10	0.9	1.6	B	NE 1/4 GREENFIELD
14	4	50	55.0	36-24.4	120-58.2	12.8	1.3	12	120	4.7	0.13	0.8	1.5	B	NW 1/4 HERNANDEZ VALLEY
14	8	14	14.7	36-31.4	121- 6.8	8.8	1.4	11	66	3.7	0.09	0.5	1.0	A	SAN BENITO
14	9	57	57.6	36-31.6	121- 9.6	9.0	0.6	9	82	6.1	0.08	0.5	1.3	A	BICKMORE CANYON
14	14	46	43.3	38-29.1	122-40.5	6.1	1.6	6	207	7.0	0.02	0.4	1.0	C	SANTA ROSA
14	16	33	22.1	36-57.5	121-36.8	4.5	1.5	15	51	2.6	0.11	0.4	1.0	A	CHITTENDEN
14	17	47	26.0	36-35.8	121-14.3	4.3	1.6	10	64	4.2	0.05	0.2	0.5	A	BICKMORE CANYON
15	1	19	39.7	36-41.6	121-21.8	4.9	1.3	9	71	2.6	0.09	0.6	1.0	A	PAICINES
15	3	46	27.4	36-48.6	121-26.2	4.5	1.0	11	89	5.0	0.12	0.7	1.6	A	HOLLISTER
15	6	25	25.0	36-34.4	121-12.7	7.5	2.2	17	68	2.1	0.13	0.5	1.0	A	BICKMORE CANYON
15	7	58	18.2	36-31.3	121- 6.6	8.9	0.5	8	84	3.3	0.10	0.7	1.4	A	SAN BENITO
15	10	8	50.1	36-24.5	120-58.1	11.9	1.7	16	121	4.8	0.12	0.6	0.7	B	NW 1/4 HERNANDEZ VALLEY
15	13	22	54.2	36-58.7	121-38.9	5.6	1.7	19	63	5.0	0.14	0.5	0.7	A	WATSONVILLE EAST
16	4	42	39.5	36-30.4	121- 8.7	6.2	0.5	6	96	6.3	0.13	1.3	3.5	B	BICKMORE CANYON
16	11	51	1.1	36-14.1	120-49.5	6.6	1.0	7	129	3.5	0.13	1.3	2.6	B	MONARCH PEAK
16	13	27	45.2	37-19.4	121-38.3	7.9	1.2	18	69	3.8	0.17	0.6	1.6	B	LICK OBSERVATORY
16	15	22	20.0	36-21.5	120-58.1	8.7	2.0	16	94	6.1	0.16	0.7	1.3	B	SW 1/4 HERNANDEZ VALLEY
16	16	24	38.2	36-33.9	121- 6.5	8.3	0.9	10	97	6.8	0.15	0.8	2.1	B	SAN BENITO
16	17	30	10.6	36-31.9	121- 6.1	10.6	1.1	10	79	3.3	0.09	0.6	1.0	A	SAN BENITO
17	5	5	19.7	36-54.0	121-29.8	4.5	1.8	23	48	2.2	0.10	0.3	0.4	A	SAN FELIPE

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JUL 17	7	25	24.8	36-36.7	121-15.0	4.2	0.7	9	67	2.9	0.05	0.3	0.6	A	BICKMORE CANYON
17	8	22	13.9	36-26.0	121- 3.0	6.9	0.7	8	123	3.1	0.08	0.6	1.1	B	NE 1/4 GREENFIELD
17	15	46	51.0	36-32.3	121- 9.1	9.0	0.7	7	77	5.4	0.07	0.5	1.3	A	BICKMORE CANYON
17	20	20	29.0	36-40.1	121-19.7	4.4	2.2	23	63	4.7	0.14	0.5	0.6	A	PAICINES
18	3	13	30.2	36-32.8	120-42.7	9.9	1.9	11	232	21.6	0.13	2.2	3.1	C	TUMEY HILLS
18	4	50	15.2	36-23.7	121- 0.5	5.4	1.3	14	102	3.3	0.11	0.5	1.0	B	NE 1/4 GREENFIELD
18	5	51	13.4	36-25.9	121- 1.9	0.0	1.9	12	107	1.5	0.09	0.4	0.5	B	NE 1/4 GREENFIELD
18	5	58	16.6	36-53.5	120-58.1	6.0	2.0	21	145	22.8	0.15	1.4	2.6	C	ORTIGALITA PEAK NW
18	8	56	7.9	36- 9.6	120-44.3	5.1	0.8	9	124	5.9	0.14	1.1	2.0	B	NW 1/4 PRIEST VALLEY
18	14	17	40.5	37- 8.2	121-30.7	8.7	2.4	28	120	7.3	0.09	0.3	0.6	B	MT SIZER
18	14	19	19.0	37- 8.3	121-30.0	9.2	1.4	20	124	6.6	0.13	0.5	1.1	B	MISSISSIPPI CREEK
18	14	28	21.0	36-40.1	121-19.9	4.5	1.4	14	62	4.6	0.13	0.5	1.5	A	PAICINES
18	22	34	8.0	36-36.9	121-14.5	2.8	0.9	8	108	2.4	0.03	0.2	0.1	B	BICKMORE CANYON
18	22	45	25.0	36-43.9	121-18.0	10.0	1.7	21	78	4.6	0.15	0.5	1.2	B	PAICINES
19	9	11	1.2	36-34.1	121-12.2	7.7	1.6	18	67	1.5	0.12	0.4	0.9	A	BICKMORE CANYON
19	19	46	18.1	37-23.7	121-44.2	5.9	1.3	10	84	4.4	0.13	0.7	2.0	B	MT DAY
19	20	5	30.5	36-35.6	121-13.8	6.2	1.7	17	65	4.1	0.12	0.4	1.1	A	BICKMORE CANYON
19	22	3	0.7	36-33.3	121-10.8	3.8	1.1	10	70	2.4	0.07	0.4	0.3	A	BICKMORE CANYON
19	23	3	41.3	36-35.2	121-14.0	9.1	3.4	37	68	4.1	0.15	0.4	0.6	A	BICKMORE CANYON
19	23	15	34.6	36-35.4	121-14.3	8.4	1.8	15	67	4.7	0.08	0.3	0.8	A	BICKMORE CANYON
19	23	20	12.1	36-35.3	121-14.2	8.6	2.7	32	67	4.5	0.16	0.4	0.8	B	BICKMORE CANYON
20	0	9	26.8	36-35.5	121-14.2	9.8	2.2	22	66	4.6	0.14	0.4	0.7	A	BICKMORE CANYON
20	2	58	12.9	38- 5.0	121-54.4	12.6	1.6	9	130	10.3	0.12	1.1	1.0	B	MONKER BAY
20	3	20	42.2	36-35.2	121-14.3	7.9	1.1	9	78	4.5	0.09	0.6	1.3	A	BICKMORE CANYON
20	3	23	21.7	36-41.1	121-25.5	6.3	0.9	10	86	7.8	0.10	0.6	1.6	B	MT HARLAN
20	7	16	8.8	37-23.7	121-44.2	7.3	1.5	19	84	4.3	0.14	0.5	1.1	A	MT DAY
20	8	13	38.2	37- 6.6	121-53.9	12.5	1.1	14	71	7.1	0.10	0.5	0.5	A	LAUREL
20	23	3	14.3	36-17.9	120-53.1	6.3	1.0	7	103	4.3	0.04	0.4	0.7	B	SW 1/4 HERNANDEZ VALLEY
21	0	3	38.6	36-25.0	121- 2.2	9.3	1.8	17	71	1.9	0.13	0.6	1.1	A	NE 1/4 GREENFIELD
21	1	20	59.4	36-43.1	121-13.4	15.0	1.2	12	115	7.5	0.07	0.4	0.3	B	CHERRY PEAK
21	2	52	27.7	36-30.2	120-37.4	10.3	3.0	11	225	22.8	0.18	2.6	2.1	D	MONOCLINE RIDGE
21	6	10	14.9	36-30.2	120-50.5	11.7	2.4	20	199	14.7	0.17	1.1	1.0	C	SE 1/4 PANOCHE VALLEY
21	6	39	1.1	36-30.4	120-46.9	14.5	1.3	10	251	15.2	0.22	3.6	1.3	D	SE 1/4 PANOCHE VALLEY
21	8	47	51.0	37-21.4	122- 8.3	6.6	2.4	24	46	4.9	0.18	0.6	0.6	B	MINDEGO HILL
21	10	53	46.6	36-37.3	121-15.6	4.5	0.8	7	95	2.9	0.08	0.7	2.2	B	MT JOHNSON
21	11	47	17.7	36-31.1	121- 7.0	9.1	1.5	10	87	3.8	0.11	0.7	1.4	A	SAN BENITO
21	12	8	48.5	37-21.7	122- 8.7	6.4	1.9	16	56	5.3	0.14	0.5	0.5	A	MINDEGO HILL
21	17	6	55.3	36-38.6	121-17.7	4.7	1.2	12	58	5.6	0.13	0.6	1.6	B	PAICINES
21	23	49	7.6	36-35.3	121-14.3	8.8	1.3	12	75	4.6	0.08	0.3	0.8	A	BICKMORE CANYON
22	2	0	9.2	37- 3.1	121-46.1	9.2	1.7	21	74	3.6	0.08	0.3	0.6	A	LOMA PRIETA
22	5	33	15.5	36-23.9	121- 1.1	7.4	1.1	11	99	2.8	0.09	0.5	1.0	B	NE 1/4 GREENFIELD
22	7	34	13.1	36-35.8	121-14.1	9.8	0.8	8	98	4.3	0.03	0.2	0.4	B	BICKMORE CANYON
22	13	47	3.6	36- 0.3	120-36.7	4.0	1.6	10	126	14.0	0.12	1.4	1.3	C	SE 1/4 PRIEST VALLEY
22	22	35	45.7	37-54.1	121-33.8	12.8	1.7	7	279	23.3	0.10	3.9	1.4	D	WOODWARD ISLAND
23	0	47	31.8	36-20.5	120-56.4	4.9	1.2	9	88	3.1	0.05	0.3	0.6	A	SW 1/4 HERNANDEZ VALLEY

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JUL 23	1	18	30.7	36-55.6	121-32.3	5.9	1.3	16	59	2.9	0.08	0.3	0.7	A	CHITTENDEN
23	3	41	25.4	37-13.6	121-32.1	7.7	1.3	13	130	10.6	0.13	0.7	2.4	B	MT SIZER
23	3	44	13.7	36-53.8	121-15.6	4.8	1.5	18	157	4.5	0.12	0.5	1.4	B	THREE SISTERS
23	9	27	51.2	36-30.3	121- 7.5	5.2	2.7	26	49	4.4	0.16	0.5	0.7	B	SAN BENITO
23	11	23	36.2	36-23.7	121- 0.4	8.3	2.2	18	103	3.3	0.15	0.7	1.0	B	NE 1/4 GREENFIELD
23	12	9	27.9	36-23.7	121- 0.4	8.3	2.4	18	102	3.5	0.15	0.6	1.0	B	NE 1/4 GREENFIELD
23	13	35	26.7	36-38.0	121-17.1	9.0	1.5	14	54	4.6	0.08	0.4	0.8	A	PAICINES
23	13	43	20.6	36-42.5	121- 7.3	7.3	2.4	26	165	5.6	0.12	0.5	0.9	B	PANOCHE PASS
23	14	10	9.5	36-42.4	121- 7.5	6.9	2.7	28	166	5.6	0.12	0.5	0.9	B	CHERRY PEAK
23	14	25	54.5	36-21.1	120-57.5	8.5	1.0	7	92	4.8	0.12	1.0	2.1	B	SW 1/4 HERNANDEZ VALLEY
23	21	28	20.4	36-56.6	121-40.1	10.9	1.3	21	83	1.6	0.08	0.3	0.4	A	WATSONVILLE EAST
23	21	37	31.8	36-42.4	121- 7.1	7.2	1.9	16	177	5.4	0.10	0.6	0.9	B	PANOCHE PASS
24	3	26	49.2	36-59.2	121-39.1	5.2	1.1	13	77	5.3	0.14	0.7	1.0	B	WATSONVILLE EAST
24	3	29	13.7	36-59.0	121-39.2	5.5	1.2	15	50	5.1	0.11	0.5	0.6	A	WATSONVILLE EAST
24	4	38	50.9	37- 2.0	121-28.5	8.2	0.8	12	66	1.1	0.10	0.5	1.0	A	GILROY HOT SPRINGS
24	6	4	59.9	36-22.4	120-57.6	0.3	1.8	12	104	7.1	0.11	0.5	0.4	B	SW 1/4 HERNANDEZ VALLEY
24	6	53	3.6	36-24.0	121- 1.2	9.2	3.1	27	95	2.7	0.18	0.6	0.7	B	NE 1/4 GREENFIELD
24	8	28	37.9	36-42.5	121- 7.0	6.2	1.1	10	179	5.5	0.09	0.6	1.0	B	PANOCHE PASS
24	10	53	13.0	36-24.1	121- 0.7	7.9	1.7	14	104	2.6	0.12	0.6	1.1	B	NE 1/4 GREENFIELD
24	16	39	49.8	36-23.6	121- 0.6	6.4	1.4	12	101	3.5	0.10	0.6	1.1	B	NE 1/4 GREENFIELD
24	17	3	28.3	36-36.0	121-14.6	6.5	1.8	17	6	3.9	0.11	0.4	0.8	A	BICKMORE CANYON
24	18	10	17.6	35-46.1	121- 8.3	5.2	2.6	19	248	35.0	0.22	2.6	1.4	D	BURNETT PEAK
24	20	22	54.1	36-35.4	121-14.2	8.8	1.0	10	73	4.6	0.07	0.4	1.0	A	BICKMORE CANYON
24	23	1	2.5	37- 6.6	121-26.3	8.5	0.8	10	187	1.8	0.08	0.7	0.9	C	GILROY HOT SPRINGS
25	1	0	48.3	36-33.4	121-10.9	4.3	2.1	18	88	2.1	0.14	0.5	1.0	A	BICKMORE CANYON
25	1	12	3.0	36-36.0	121-13.8	4.0	1.2	13	62	3.9	0.09	0.4	0.8	A	BICKMORE CANYON
25	4	57	7.6	38-23.8	122-39.0	9.4	1.6	12	73	2.9	0.14	0.7	1.2	A	SANTA ROSA
25	10	12	54.4	38-24.0	122-39.2	8.4	1.4	11	72	2.9	0.12	0.6	1.3	A	SANTA ROSA
25	11	37	35.3	36-38.3	121-16.0	7.7	1.5	12	58	3.1	0.09	0.5	1.0	A	PAICINES
25	20	22	18.0	36-41.0	121-21.1	5.5	2.7	27	59	2.9	0.16	0.5	0.7	B	PAICINES
25	22	32	12.8	37- 1.2	121-43.4	11.9	1.3	13	133	4.3	0.09	0.6	1.4	B	MT MADONNA
26	2	29	31.0	35-57.8	120-33.9	2.4	1.5	6	155	8.4	0.10	1.4	1.0	C	STOCKDALE MTN
26	4	12	53.6	36-30.9	121- 7.9	10.2	2.5	23	53	5.1	0.14	0.5	0.8	A	BICKMORE CANYON
26	4	30	10.9	36-51.7	121-20.8	6.9	1.0	13	91	4.2	0.06	0.3	0.8	B	TRES PINOS
26	5	37	26.3	36-47.3	120-51.5	5.3	1.6	11	256	20.4	0.13	1.3	1.1	C	LAGUNA SECA RANCH
26	5	41	40.6	36-31.2	121- 8.1	8.2	1.1	8	87	5.4	0.08	0.6	1.5	A	BICKMORE CANYON
26	8	6	43.1	36-32.4	121- 9.4	8.3	1.6	11	76	4.9	0.07	0.4	0.8	A	BICKMORE CANYON
26	9	46	6.9	36-20.8	120-56.8	5.0	1.1	7	113	3.9	0.11	0.9	2.1	B	SW 1/4 HERNANDEZ VALLEY
26	10	47	35.2	36-31.5	121- 6.3	10.2	1.3	10	82	3.1	0.09	0.6	1.1	A	SAN BENITO
26	12	14	14.5	36-32.3	121- 9.4	8.2	1.5	11	61	5.0	0.06	0.3	0.7	A	BICKMORE CANYON
26	13	32	14.2	36-38.7	121-17.6	7.2	1.6	13	59	5.5	0.09	0.4	1.1	A	PAICINES
26	13	42	13.4	36-38.5	121-17.7	4.6	2.1	18	58	5.6	0.14	0.5	1.6	B	PAICINES
26	14	19	41.3	36-58.1	121-37.9	6.8	1.4	15	69	4.5	0.08	0.3	0.8	A	WATSONVILLE EAST
26	15	37	9.9	36-32.3	121- 9.3	8.2	1.2	8	76	5.0	0.05	0.4	0.8	A	BICKMORE CANYON
26	18	22	53.8	36-40.5	121-11.3	7.6	1.8	12	108	1.7	0.09	0.5	0.9	B	CHERRY PEAK

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
JUL 26	22	8	52.5	37- 0.0	121-40.5	5.1	1.3	13	60	4.7	0.15	0.9	3.3	B	MT MADONNA
27	5	56	39.3	36-47.7	121-16.0	7.5	1.3	16	86	6.5	0.09	0.4	1.2	A	TRES PINOS
27	6	6	43.3	36-31.9	121- 9.3	6.1	0.9	9	80	5.7	0.10	0.6	1.5	A	BICKMORE CANYON
27	7	21	56.9	36-53.9	121-15.8	4.9	1.8	23	156	4.3	0.12	0.5	1.3	B	THREE SISTERS
27	10	7	59.6	37-17.1	121-38.4	5.3	0.7	11	86	4.1	0.10	0.5	0.4	A	LICK OBSERVATORY
27	14	0	7.3	36-28.7	121- 5.6	3.6	1.6	11	102	3.8	0.11	0.5	0.6	B	NE 1/4 GREENFIELD
27	16	32	59.3	36-26.9	121- 4.1	6.1	0.8	9	117	5.2	0.08	0.5	1.2	B	NE 1/4 GREENFIELD
27	18	45	55.1	36-30.6	121- 7.8	4.1	0.5	6	93	4.9	0.09	0.8	3.4	B	BICKMORE CANYON
27	20	29	5.6	36-36.6	121-15.0	4.1	0.8	7	126	3.2	0.02	0.1	0.3	B	BICKMORE CANYON
28	2	19	54.6	36-56.2	121-24.0	7.8	1.5	18	87	5.1	0.12	0.5	1.1	A	SAN FELIPE
28	5	36	55.2	36-57.8	121-24.1	8.2	0.7	9	105	2.2	0.04	0.3	0.5	B	SAN FELIPE
28	7	58	58.0	36-49.3	121-33.4	6.2	0.8	14	70	3.0	0.12	0.6	1.1	A	SAN JUAN BAUTISTA
28	9	37	45.1	36-31.3	121- 7.0	7.2	0.6	7	85	4.0	0.10	0.8	1.9	A	SAN BENITO
28	15	11	19.4	36-57.4	121-25.9	4.6	1.7	24	75	4.0	0.14	0.4	0.5	A	SAN FELIPE
28	16	15	45.6	36-19.5	120-54.7	1.2	1.1	7	81	1.9	0.14	1.0	1.0	B	SW 1/4 HERNANDEZ VALLEY
28	19	38	57.9	36-56.2	121-23.8	8.1	0.9	12	89	5.2	0.10	0.5	1.3	A	SAN FELIPE
29	8	47	23.2	37- 7.4	121-31.2	8.6	0.7	7	177	7.2	0.07	0.9	1.9	B	GILROY
29	9	7	2.3	36-57.5	121-23.2	9.7	1.3	22	92	3.1	0.12	0.5	1.0	B	SAN FELIPE
29	9	12	31.2	36-57.4	121-23.2	9.0	0.8	12	92	3.3	0.12	0.7	1.5	B	SAN FELIPE
29	20	12	17.1	36-30.7	121- 6.6	8.5	2.0	13	61	3.1	0.11	0.5	1.0	A	SAN BENITO
29	21	18	31.4	36-30.7	121- 6.8	7.9	0.8	7	91	3.5	0.11	0.9	2.1	B	SAN BENITO
30	0	59	46.5	36-30.5	121- 6.7	9.3	2.4	17	63	3.3	0.11	0.5	0.8	A	SAN BENITO
30	1	36	49.2	36-30.6	121- 6.4	7.4	1.0	6	91	2.8	0.06	0.6	1.2	B	SAN BENITO
30	11	58	51.1	36-31.6	121- 5.8	10.9	0.8	8	83	2.7	0.09	0.8	1.4	A	SAN BENITO
30	12	13	43.4	37- 8.0	121-30.8	8.3	2.3	33	119	7.3	0.14	0.4	0.9	B	MT SIZER
30	15	2	15.6	36-58.0	121-36.3	4.9	0.8	13	72	4.3	0.07	0.3	0.9	A	WATSONVILLE EAST
30	20	21	50.0	36-30.8	121- 6.8	10.1	3.2	31	57	3.5	0.15	0.5	0.5	B	SAN BENITO
30	20	26	7.9	36-30.7	121- 6.9	7.6	1.2	7	91	3.5	0.09	0.8	1.6	B	SAN BENITO
30	20	26	33.3	36-30.9	121- 6.8	7.6	1.0	7	89	3.4	0.08	0.7	1.4	A	SAN BENITO
30	20	29	49.4	36-30.7	121- 6.8	8.7	1.7	11	61	3.4	0.09	0.5	1.0	A	SAN BENITO
30	21	13	32.6	36-38.5	121-16.5	2.7	2.1	15	60	3.8	0.10	0.4	0.4	A	PAICINES
30	21	22	29.3	36-30.8	121- 6.8	7.8	1.0	7	90	3.3	0.10	0.9	1.9	A	SAN BENITO
30	22	27	59.9	36-30.7	121- 6.8	7.4	1.1	7	91	3.5	0.10	0.9	1.7	B	SAN BENITO
31	1	3	47.8	36-35.0	121-13.8	9.8	3.3	31	68	3.8	0.17	0.5	0.8	B	BICKMORE CANYON
31	4	7	43.0	36-31.0	121- 6.8	7.2	1.1	8	87	3.6	0.10	0.7	1.5	A	SAN BENITO
31	4	29	2.1	36-35.0	121-13.6	8.0	1.8	15	68	3.5	0.08	0.3	0.7	A	BICKMORE CANYON
31	8	6	40.2	36-30.9	121- 6.7	7.8	0.9	7	89	3.3	0.09	0.8	1.8	A	SAN BENITO
AUG 1	2	27	28.7	37-23.4	121-44.0	6.0	1.3	18	84	3.9	0.14	0.6	1.5	A	MT DAY
1	14	47	56.4	36-35.1	121-13.4	9.4	1.8	20	66	3.2	0.12	0.4	0.8	A	BICKMORE CANYON
1	20	51	26.6	36-46.0	121-28.8	5.9	1.4	12	68	1.7	0.11	0.5	0.9	A	HOLLISTER
2	15	47	17.6	36-27.3	121- 4.2	7.4	1.8	15	97	5.7	0.10	0.4	1.0	B	NE 1/4 GREENFIELD
2	16	31	33.0	36-33.8	121-11.1	3.4	1.1	9	82	1.4	0.07	0.4	0.3	A	BICKMORE CANYON
2	18	54	19.6	36-56.6	121-28.4	4.9	0.4	8	112	4.3	0.06	0.5	1.1	B	SAN FELIPE
2	19	3	19.0	36-34.6	121-12.6	6.9	2.4	20	66	1.8	0.13	0.4	1.0	A	BICKMORE CANYON
2	20	4	59.9	36-34.5	121-12.4	5.9	1.2	9	71	1.6	0.03	0.2	0.3	A	BICKMORE CANYON

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG	2	20	15	53.7	35-59.7	120-35.7	3.7	2.0	11	128	12.2	0.09	1.0	0.8	B	STOCKDALE MTN
	2	21	29	0.5	37-37.3	121-53.6	4.5	1.4	13	77	5.6	0.14	0.9	0.9	B	NILES
	2	21	33	24.2	36-32.4	121- 8.9	3.1	1.6	9	76	5.4	0.10	0.7	0.6	B	BICKMORE CANYON
	3	0	35	57.6	36-17.5	120-53.0	0.2	1.1	7	104	4.9	0.06	0.5	0.6	B	SW 1/4 HERNANDEZ VALLEY
	3	1	18	48.1	36-30.5	121- 6.7	8.3	2.1	11	88	3.3	0.09	0.5	1.0	A	SAN BENITO
	3	1	23	18.8	36-30.4	121- 6.8	8.7	1.3	9	93	3.5	0.09	0.7	1.3	B	SAN BENITO
	3	1	46	21.6	36-32.1	121- 9.0	3.6	2.2	14	59	5.6	0.12	0.5	0.6	B	BICKMORE CANYON
	3	3	5	37.6	37-39.9	121-25.5	5.0	1.6	10	126	20.3	0.19	1.3	1.1	C	TRACY
	3	9	28	38.8	36-57.9	121-38.6	5.3	1.7	21	50	4.1	0.09	0.3	0.3	A	WATSONVILLE EAST
	3	10	20	26.3	36-36.8	120-57.2	5.4	1.4	11	110	1.0	0.15	1.2	0.8	B	SW 1/4 PANOCHE VALLEY
	3	16	18	39.8	36-37.5	121-17.1	7.6	0.6	8	106	4.7	0.07	0.5	1.4	B	PAICINES
	3	23	16	30.6	36-57.2	121-35.2	6.8	0.9	9	69	0.6	0.02	0.1	0.2	A	CHITTENDEN
	4	0	21	17.6	36-56.7	121-41.5	11.6	1.6	22	77	1.0	0.07	0.2	0.5	A	WATSONVILLE EAST
	4	1	8	9.2	36-56.8	121-41.0	11.0	0.8	10	143	1.3	0.09	0.4	0.6	B	WATSONVILLE EAST
	4	2	47	54.8	36-30.6	121- 6.6	9.1	2.0	16	62	3.1	0.11	0.5	0.8	A	SAN BENITO
	4	11	40	50.3	38-31.8	122-44.8	5.2	2.8	16	167	3.1	0.20	1.2	1.1	C	MARK WEST SPRINGS
	4	12	39	58.1	36-35.1	121-13.8	8.1	1.3	11	67	3.8	0.04	0.2	0.4	A	BICKMORE CANYON
	5	2	12	31.1	36-29.3	121-30.8	8.9	1.6	17	179	12.6	0.09	0.6	1.2	B	RANA CREEK
	5	3	28	50.2	38-18.8	122-52.7	0.1	1.9	10	191	7.3	0.13	1.2	1.3	C	VALLEY FORD
	5	21	39	45.3	36-32.5	121- 8.4	3.5	1.3	6	171	5.7	0.10	1.2	1.0	C	BICKMORE CANYON
	6	2	41	41.1	37- 2.5	121-28.4	4.2	0.6	7	89	2.1	0.06	0.4	0.8	A	GILROY HOT SPRINGS
	6	9	46	45.3	37- 3.7	121-29.0	4.7	0.9	9	89	4.0	0.07	0.4	1.0	A	GILROY HOT SPRINGS
	6	11	9	15.8	36-50.9	120-55.0	5.7	1.8	21	155	25.8	0.13	1.1	2.2	C	SW 1/4 ORTIGALITA PEAK
	6	14	3	45.9	36-47.3	121-21.3	5.6	2.2	16	79	8.4	0.14	0.8	2.3	B	TRES PINOS
	6	14	41	25.8	36-17.2	120-41.8	11.3	1.5	12	182	11.9	0.10	0.8	1.2	C	SW 1/4 NEW IDRIA
	6	14	47	41.5	36-49.9	121-33.8	6.0	2.2	21	176	3.8	0.13	0.7	0.7	B	SAN JUAN BAUTISTA
	6	18	6	39.9	36-51.5	120-54.1	1.4	1.4	15	171	27.1	0.14	1.3	0.8	C	SW 1/4 ORTIGALITA PEAK
	6	23	27	14.6	36-31.8	121- 7.4	8.3	1.3	11	81	4.8	0.11	0.6	1.3	A	SAN BENITO
	7	0	34	19.5	36-21.6	120-56.5	3.5	1.5	9	99	5.1	0.09	0.6	0.8	B	SW 1/4 HERNANDEZ VALLEY
	7	8	17	57.3	36-58.8	121-38.4	5.9	1.5	19	79	5.7	0.14	0.6	0.5	A	WATSONVILLE EAST
	7	16	37	28.2	36- 0.3	120-36.1	5.0	2.0	6	158	13.2	0.18	6.3	4.0	D	SE 1/4 PRIEST VALLEY
	7	16	41	40.2	35-59.7	120-35.4	5.0	2.0	8	130	11.7	0.16	2.8	2.3	C	STOCKDALE MTN
	7	19	30	41.8	36-32.1	121- 8.8	3.8	0.9	7	78	5.8	0.11	0.9	0.9	B	BICKMORE CANYON
	7	20	38	23.3	37-17.8	121-39.6	4.9	1.1	7	105	4.5	0.15	1.0	0.8	B	LICK OBSERVATORY
	8	6	49	54.5	36-32.4	121- 8.7	3.6	0.9	8	77	5.6	0.09	0.6	0.7	B	BICKMORE CANYON
	8	6	54	2.9	36-34.7	121-12.9	6.7	1.0	9	69	2.3	0.04	0.3	0.5	A	BICKMORE CANYON
	8	9	14	34.4	36-36.8	121-14.9	3.9	1.0	11	59	2.7	0.09	0.5	0.4	A	BICKMORE CANYON
	8	11	4	40.7	36- 6.2	120- 6.1	8.1	2.0	6	317	28.5	0.09	16.3	5.3	D	LA CIMA
	8	12	20	56.1	36-57.2	121-35.4	5.5	0.6	8	90	0.8	0.02	0.1	0.2	B	CHITTENDEN
	8	15	48	12.7	36-33.5	121-11.3	6.9	0.8	8	83	1.9	0.05	0.4	0.7	A	BICKMORE CANYON
	8	20	7	0.6	36-31.5	121- 6.5	8.3	1.3	10	83	3.4	0.11	0.6	1.2	A	SAN BENITO
	8	20	18	18.8	36-23.5	121- 0.6	7.5	1.4	11	100	3.7	0.06	0.4	0.6	B	NE 1/4 GREENFIELD
	8	22	59	51.5	37-25.8	121-45.6	5.6	1.0	8	102	4.2	0.11	0.7	1.9	B	CALAVERAS RESERVOIR
	9	1	36	43.0	36-34.4	121- 4.1	11.7	2.0	16	77	4.4	0.12	0.7	0.9	A	SAN BENITO
	9	1	37	53.1	36-34.1	121- 3.6	12.2	1.1	9	85	4.0	0.07	0.7	1.2	A	SAN BENITO

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972		HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG	9	2	3	0.7	36-32.3	121- 8.8	4.7	1.0	8	77	5.6	0.10	0.6	1.7	B	BICKMORE CANYON
	9	5	8	21.0	36-22.6	120-59.3	6.5	1.6	15	100	5.9	0.15	0.7	1.5	B	NW 1/4 HERNANDEZ VALLEY
	9	7	28	54.3	36-34.3	121-12.0	4.4	1.0	9	82	1.1	0.04	0.3	0.4	A	BICKMORE CANYON
	9	11	45	8.5	36-30.1	121- 8.1	10.6	0.4	10	69	5.5	0.09	0.6	1.4	A	BICKMORE CANYON
	9	12	41	19.3	36-30.2	121- 7.7	11.8	2.2	19	50	4.8	0.13	0.5	0.7	A	BICKMORE CANYON
	9	13	32	31.8	35-53.3	119-36.2	8.1	2.6	8	213	69.4	0.35	9.0		D	
	9	15	18	32.1	36-23.4	121- 0.8	7.5	1.3	12	138	3.8	0.16	1.0	1.6	C	NE 1/4 GREENFIELD
	9	16	39	58.7	36-43.2	121-22.8	1.7	0.8	12	68	3.5	0.10	0.7	0.7	A	MT HARLAN
	9	18	17	17.4	36-36.7	121-15.0	5.3	2.0	22	60	3.0	0.11	0.3	0.8	A	MT JOHNSON
	9	20	12	0.2	36-34.4	121- 3.3	14.7	1.3	8	104	3.3	0.06	0.6	0.4	B	SAN BENITO
	9	21	28	4.4	36-32.4	121- 8.8	3.9	1.0	8	76	5.5	0.12	0.8	0.8	B	BICKMORE CANYON
	10	1	56	56.9	36-59.8	121-40.7	5.6	1.6	16	51	4.3	0.16	0.7	0.9	B	WATSONVILLE EAST
	10	3	24	36.8	36-32.2	121- 8.5	3.9	1.1	8	78	6.0	0.10	0.7	0.6	B	BICKMORE CANYON
	10	4	30	57.1	36-51.3	121-36.1	6.0	2.9	43	55	3.3	0.17	0.4	0.5	B	SAN JUAN BAUTISTA
	10	4	36	0.3	36-17.2	120-52.6	3.0	1.1	8	109	5.7	0.15	1.1	7.5	C	SW 1/4 HERNANDEZ VALLEY
	10	6	21	1.7	36-51.4	121-35.8	6.0	1.9	29	53	3.1	0.14	0.4	0.4	A	SAN JUAN BAUTISTA
	10	6	22	7.3	36-51.6	121-36.1	5.9	2.6	32	59	3.0	0.16	0.4	0.5	B	SAN JUAN BAUTISTA
	10	7	26	19.6	36-51.3	121-35.4	5.6	1.4	20	74	3.2	0.14	0.5	0.6	A	SAN JUAN BAUTISTA
	10	7	44	2.7	36-27.2	121- 4.4	6.2	1.6	18	96	5.8	0.10	0.4	1.0	B	NE 1/4 GREENFIELD
	10	10	8	30.8	38-33.7	122-16.7	12.8	1.7	7	222	25.5	0.21	3.4	13.2	D	CHILES VALLEY
	10	18	12	4.6	36- 1.9	120-35.3	5.1	2.0	7	162	14.0	0.16	3.7	2.3	C	SE 1/4 PRIEST VALLEY
	10	22	59	27.5	36-46.9	121-25.4	6.8	0.9	10	87	2.6	0.12	0.8	1.2	A	HOLLISTER
	11	1	14	58.0	37-22.3	121-42.1	6.8	1.6	12	86	5.0	0.09	0.5	1.5	A	LICK OBSERVATORY
	11	10	26	2.1	37- 7.8	121-30.7	9.1	0.6	10	128	6.9	0.06	0.4	0.9	B	MT SIZER
	11	21	41	7.1	36-57.1	121-39.7	10.2	1.2	11	98	2.2	0.05	0.4	0.6	B	WATSONVILLE EAST
	12	5	22	3.8	36-26.8	121- 3.9	5.4	0.9	9	118	4.9	0.10	0.8	2.0	B	NE 1/4 GREENFIELD
	12	5	23	0.0	36-27.0	121- 3.7	6.2	1.7	15	99	4.9	0.10	0.4	1.1	B	NE 1/4 GREENFIELD
	12	6	19	4.1	36-32.3	121- 8.8	3.9	0.8	8	77	5.6	0.10	0.6	0.7	B	BICKMORE CANYON
	12	12	14	2.6	36-35.0	121-13.4	6.0	1.0	11	67	3.2	0.07	0.3	0.8	A	BICKMORE CANYON
	12	12	15	7.3	37-45.2	122-10.1	7.2	0.9	9	104	3.2	0.12	1.0	1.5	B	OAKLAND EAST
	12	15	43	40.6	36-40.5	121-18.9	15.1	0.9	9	93	4.5	0.07	0.5	0.6	B	PAICINES
	12	17	6	17.9	36-31.6	121- 6.1	9.5	0.6	8	86	3.0	0.10	0.8	1.9	A	SAN BENITO
	13	1	1	29.7	36-59.8	121-42.4	9.5	1.9	27	57	2.1	0.12	0.4	0.6	A	WATSONVILLE EAST
	13	5	28	39.5	36-27.2	121- 3.8	5.2	1.2	7	116	5.1	0.11	1.0	2.5	B	NE 1/4 GREENFIELD
	13	10	14	40.3	36-38.1	121-17.4	7.1	1.5	17	55	5.1	0.10	0.4	0.9	A	PAICINES
	13	11	32	33.6	36-57.1	121-35.2	5.3	1.7	25	54	0.7	0.07	0.2	0.2	A	CHITTENDEN
	13	12	45	51.4	36-31.5	121- 6.0	9.1	0.8	9	81	2.8	0.09	0.6	1.3	A	SAN BENITO
	13	12	56	8.5	36-29.1	121- 6.3	1.4	0.9	7	108	3.8	0.09	0.7	0.7	B	NE 1/4 GREENFIELD
	13	14	45	7.6	36-37.7	121-16.9	6.0	1.0	9	72	4.4	0.02	0.1	0.4	A	PAICINES
	13	21	59	17.2	36-37.5	121-16.2	4.5	0.8	7	192	3.4	0.07	0.7	1.4	C	PAICINES
	14	6	13	55.2	36-32.2	121- 8.9	3.8	1.0	9	78	5.6	0.13	0.8	0.8	B	BICKMORE CANYON
	14	6	17	6.9	36-32.2	121- 8.7	3.8	0.9	8	78	5.8	0.08	0.6	0.6	B	BICKMORE CANYON
	14	6	26	50.8	36-32.2	121- 8.6	3.8	0.5	7	78	6.0	0.05	0.4	0.4	B	BICKMORE CANYON
	14	7	4	22.2	36-53.6	121-30.4	4.2	0.8	12	94	2.6	0.09	0.5	0.4	B	CHITTENDEN
	14	7	9	8.3	36-53.7	121-30.4	4.1	0.9	12	93	2.5	0.06	0.3	0.3	B	CHITTENDEN

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG 14	7	35	31.3	36-31.2	121- 7.8	9.5	1.5	13	58	4.9	0.09	0.4	0.9	A	BICKMORE CANYON
14	10	54	50.2	37-54.5	122-16.8	5.0	2.1	25	76	4.4	0.16	0.6	0.5	B	RICHMOND
14	11	28	23.4	37-19.9	122-13.9	8.2	1.1	9	63	3.4	0.10	0.7	1.3	A	MINDEGO HILL
14	14	13	17.1	36- 6.3	120-57.3	14.1	1.2	7	174	17.5	0.05	0.5	0.5	B	SAN ARDO
14	15	54	35.8	38- 4.6	121-54.6	21.1	1.5	13	80	9.5	0.24	1.6	2.0	B	HONKER BAY
14	17	57	37.5	36-49.1	121-23.5	7.9	1.7	23	39	4.3	0.10	0.3	1.1	A	HOLLISTER
14	20	5	1.5	36-54.4	121-24.2	4.1	0.6	13	75	5.7	0.10	0.4	0.7	B	SAN FELIPE
14	21	35	18.0	36-33.0	121- 5.3	4.8	1.2	8	101	4.5	0.05	0.3	1.1	B	SAN BENITO
14	22	41	54.7	36-32.8	121- 4.6	6.9	1.3	8	115	4.1	0.15	1.2	2.4	B	SAN BENITO
14	22	49	29.8	36-14.3	120- 8.8	5.2	2.9	12	262	38.1	0.11	3.7	2.1	D	GUIJARRAL HILLS
15	3	23	49.2	36-56.7	121-40.2	11.3	1.1	14	81	1.8	0.06	0.3	0.5	A	WATSONVILLE EAST
15	6	26	24.2	35-55.3	120-30.0	8.4	3.3	22	102	3.6	0.21	1.0	0.8	B	STOCKDALE MTN
15	7	2	54.2	35-58.1	120-55.5	13.0	1.4	9	185	24.0	0.12	1.1	1.2	C	HAMES VALLEY
15	9	17	31.8	36-40.3	121-19.9	6.9	1.2	10	63	4.2	0.09	0.5	1.0	A	PAICINES
15	9	43	6.6	37- 7.4	121-56.2	10.6	1.3	15	95	8.9	0.11	0.5	0.9	B	LAUREL
15	15	6	50.8	36-59.1	121-38.6	7.5	1.0	9	77	5.9	0.08	0.6	1.4	A	WATSONVILLE EAST
15	15	19	5.7	37-21.3	121-38.8	7.9	1.8	16	92	1.5	0.19	0.8	1.7	B	LICK OBSERVATORY
16	0	47	21.7	36-55.1	121-35.1	6.3	0.3	6	139	3.8	0.06	0.8	0.9	B	CHITTENDEN
16	3	59	2.1	36-32.1	121- 8.6	4.8	0.5	6	103	6.1	0.07	0.7	1.8	B	BICKMORE CANYON
16	4	47	26.7	36-33.8	121-11.1	3.7	1.4	11	65	1.4	0.06	0.3	0.3	A	BICKMORE CANYON
16	5	44	55.5	36-32.1	121- 9.2	5.0	1.0	9	102	5.5	0.14	0.8	1.2	B	BICKMORE CANYON
16	5	45	6.3	36-31.8	121- 8.8	3.9	0.7	7	108	6.3	0.07	0.6	0.6	B	BICKMORE CANYON
16	6	22	6.0	36-58.3	121-37.8	7.9	0.8	12	67	4.4	0.06	0.3	0.7	A	WATSONVILLE EAST
16	6	25	20.8	36-38.3	121-38.0	8.1	1.2	17	49	4.7	0.06	0.2	0.5	A	WATSONVILLE EAST
16	8	20	59.5	36-17.8	121-46.5	3.0	1.4	10	265	32.0	0.07	0.7	0.5	C	BIG SUR
16	9	9	59.3	36-31.9	121- 9.9	9.7	0.9	9	64	5.2	0.06	0.4	1.0	A	BICKMORE CANYON
16	11	42	1.7	36-29.0	121- 6.2	3.4	2.2	18	75	3.9	0.15	0.6	0.6	A	NE 1/4 GREENFIELD
16	13	58	24.8	37-58.7	122- 3.0	12.9	1.9	21	71	7.2	0.22	0.8	0.7	B	WALNUT CREEK
16	16	24	3.7	36-27.2	121- 4.4	6.4	1.6	16	96	5.9	0.10	0.4	1.0	B	NE 1/4 GREENFIELD
16	20	5	19.6	36-32.3	121- 8.1	5.3	1.7	10	77	6.2	0.11	0.6	1.7	B	BICKMORE CANYON
17	2	1	50.3	36-35.3	121-14.0	7.5	0.8	8	76	4.2	0.02	0.2	0.4	A	BICKMORE CANYON
17	2	51	14.3	36-37.8	121-16.5	9.0	1.8	16	53	4.3	0.11	0.4	0.9	A	PAICINES
17	2	52	6.9	36-37.2	121-16.6	9.6	1.2	9	57	4.3	0.06	0.4	1.0	A	MT JOHNSON
17	4	29	11.2	36- 0.2	120-36.2	3.5	2.0	9	145	13.3	0.14	7.7	13.3	D	SE 1/4 PRIEST VALLEY
17	14	48	51.3	36-34.8	121-12.8	6.4	0.9	9	85	2.3	0.05	0.3	0.5	A	BICKMORE CANYON
17	15	51	7.9	36-17.0	120-52.8	0.1	1.1	7	106	5.6	0.07	0.5	0.7	B	SW 1/4 HERNANDEZ VALLEY
17	16	27	26.2	36-16.9	120-52.9	0.4	1.0	6	122	5.6	0.15	1.4	1.6	B	SW 1/4 HERNANDEZ VALLEY
17	18	39	17.4	37- 8.6	121-35.9	5.6	1.2	9	96	3.2	0.06	0.4	0.8	B	MT SIZER
17	19	7	53.4	36-33.7	121- 9.6	9.9	2.6	21	58	3.0	0.18	0.7	1.3	B	BICKMORE CANYON
18	0	53	49.8	36-31.6	121- 9.0	6.4	2.2	17	59	6.4	0.13	0.5	1.3	B	BICKMORE CANYON
18	2	29	41.0	36-31.8	121- 5.3	9.3	1.0	8	87	2.4	0.09	0.7	1.2	A	SAN BENITO
18	7	9	48.5	36-31.4	121- 5.0	8.1	0.7	8	91	1.6	0.11	0.9	1.5	B	SAN BENITO
18	9	38	5.8	37- 4.9	121-30.2	7.4	1.1	17	105	5.2	0.08	0.3	0.7	B	GILROY
18	18	11	30.3	36-32.3	121- 9.5	7.8	1.8	14	61	5.0	0.07	0.3	0.7	A	BICKMORE CANYON
19	1	16	18.4	36-38.6	121-17.9	5.8	1.0	11	58	5.9	0.07	0.4	0.9	B	PAICINES

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG 19	1	19	46.2	38-50.8	122-41.6	6.2	3.2	11	290	32.9	0.24	9.3	4.9	D	WHISPERING PINES
19	4	57	34.5	38- 4.8	121-55.9	13.5	1.7	18	77	8.3	0.30	1.3	1.2	B	MONKER BAY
19	9	21	6.7	36-34.8	121-13.3	6.6	2.0	18	68	3.0	0.13	0.5	1.1	A	BICKMORE CANYON
19	12	58	55.9	36-33.6	121- 3.8	11.4	1.7	17	88	4.8	0.15	0.8	1.1	A	SAN BENITO
19	18	0	54.1	36-30.9	121- 8.2	4.5	0.7	8	89	5.5	0.12	0.8	2.3	B	BICKMORE CANYON
19	20	23	3.6	36-43.8	121-25.4	5.6	0.7	13	68	4.4	0.13	0.6	1.2	A	MT HARLAN
19	20	51	45.3	36-56.0	121-40.3	10.2	0.8	10	149	3.0	0.06	0.5	0.9	B	WATSONVILLE EAST
19	21	0	21.1	36-31.1	121- 6.9	8.1	1.0	8	87	3.6	0.10	0.7	1.9	A	SAN BENITO
20	0	34	49.2	36-37.2	121-16.8	8.3	0.6	12	92	4.5	0.08	0.3	0.8	B	MT JOHNSON
20	1	32	26.5	36-34.6	121- 5.5	13.8	0.2	7	93	6.2	0.03	0.4	0.5	B	SAN BENITO
20	3	47	49.0	36-56.0	121-40.7	11.1	1.4	25	81	1.6	0.09	0.3	0.5	A	WATSONVILLE EAST
20	4	16	5.6	36-24.5	121- 1.8	7.4	0.7	10	88	2.1	0.09	0.6	1.2	A	NE 1/4 GREENFIELD
20	4	22	52.0	36-27.9	121-52.8	6.3	1.0	10	269	15.4	0.07	1.0	2.0	C	SOBERANES POINT
20	7	55	41.9	36-37.4	121-15.9	4.9	0.3	9	96	8.6	0.06	0.4	1.3	B	MT JOHNSON
20	8	2	59.2	36-26.8	121- 3.5	9.3	0.2	7	134	4.4	0.09	1.4	2.3	B	NE 1/4 GREENFIELD
20	12	35	47.8	36-37.6	121-15.6	6.4	1.4	13	55	2.6	0.10	0.4	0.8	A	PAICINES
20	13	48	30.6	37- 2.4	121- 8.7	2.2	1.5	16	219	7.6	0.18	1.7	0.9	C	PACHECO PASS
20	14	40	53.3	36-16.4	120- 3.3	6.2	2.5	10	193	45.6	0.16	2.2	4.6	C	CALFLAX
20	15	51	29.6	36-37.4	121-15.8	4.6	0.8	9	97	3.0	0.10	0.6	1.3	B	MT JOHNSON
20	16	27	11.0	36-34.6	121-12.3	3.7	1.4	12	65	1.5	0.09	0.5	0.4	A	BICKMORE CANYON
20	18	48	22.4	36-24.8	121- 2.0	7.2	1.6	11	88	1.8	0.10	0.6	1.0	A	NE 1/4 GREENFIELD
20	19	4	22.5	36-60.0	121-40.3	5.4	1.7	17	58	4.9	0.13	0.5	0.8	A	WATSONVILLE EAST
21	2	30	28.1	36-57.4	121-23.9	5.8	0.9	13	87	3.0	0.10	0.5	1.1	A	SAN FELIPE
21	3	9	13.0	35-47.7	121- 7.5	13.4	1.8	7	263	32.2	0.08	3.1	1.3	D	BURNETT PEAK
21	4	46	53.4	37-23.6	121-44.1	7.3	1.4	14	84	4.2	0.13	0.6	1.3	A	MT DAY
21	5	34	1.8	36-32.9	121-10.8	9.0	0.9	10	90	3.1	0.06	0.4	0.9	A	BICKMORE CANYON
21	5	56	34.3	36-33.1	121-11.0	8.0	1.8	16	66	2.7	0.07	0.3	0.6	A	BICKMORE CANYON
21	6	55	1.6	36-38.4	121-10.8	9.8	1.3	12	60	2.8	0.07	0.4	0.6	A	CHERRY PEAK
21	7	8	43.5	37- 1.6	121-28.2	5.9	1.6	18	65	1.3	0.14	0.6	1.0	A	GILROY HOT SPRINGS
21	7	24	2.3	36-36.7	121-10.3	10.9	1.0	10	56	4.4	0.16	1.2	2.3	B	BICKMORE CANYON
21	16	54	56.5	36-40.8	121-19.7	13.4	0.7	7	118	3.4	0.03	0.4	0.8	B	PAICINES
21	17	40	39.7	36-34.3	121-12.8	7.4	0.3	6	115	2.2	0.01	0.1	0.2	B	BICKMORE CANYON
21	22	13	37.3	36-34.7	121-13.0	6.6	2.1	19	67	2.6	0.12	0.4	0.9	A	BICKMORE CANYON
22	1	37	34.8	37- 0.2	121-43.0	7.2	2.0	28	75	2.5	0.09	0.3	0.6	A	MT MADONNA
22	5	37	58.1	36-32.8	121- 5.7	11.5	0.1	7	104	4.5	0.04	0.6	1.3	B	SAN BENITO
22	5	47	2.1	36-40.0	121-19.1	9.1	0.8	9	86	5.2	0.10	0.7	1.4	A	PAICINES
22	6	48	31.4	37- 1.5	121-28.4	5.1	1.6	27	63	0.9	0.14	0.4	0.6	A	GILROY HOT SPRINGS
22	7	16	19.2	36-32.7	121- 5.8	11.8	0.8	7	104	4.3	0.05	0.7	1.6	B	SAN BENITO
22	8	45	33.2	37- 1.3	121-28.0	5.2	0.7	15	66	1.6	0.13	0.6	1.1	A	GILROY HOT SPRINGS
22	12	14	5.2	36-37.5	121-15.6	4.5	1.2	13	55	2.6	0.09	0.4	1.5	A	PAICINES
22	16	53	14.1	36-31.8	121- 6.6	11.0	0.7	9	80	3.9	0.15	0.9	2.5	B	SAN BENITO
23	12	44	33.9	36-41.0	121-18.6	6.1	2.4	28	70	4.1	0.14	0.4	0.7	A	PAICINES
23	12	45	37.4	36-25.1	121- 2.4	7.7	1.1	10	129	2.1	0.09	0.6	1.1	B	NE 1/4 GREENFIELD
23	13	34	35.8	36-38.3	121-16.3	6.1	2.2	20	58	3.5	0.13	0.4	1.5	A	PAICINES
23	14	49	53.5	36-38.3	121-16.0	7.0	1.7	16	58	3.0	0.10	0.4	0.9	A	PAICINES

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG 23	14	51	38.9	37- 1.3	121-41.2	11.6	1.3	17	63	5.5	0.13	0.6	1.6	A	MT MADONNA
23	17	46	47.3	36-38.2	121-16.1	6.8	1.6	13	57	3.2	0.09	0.4	0.9	A	PAICINES
23	18	3	42.3	36-38.1	121-16.0	6.7	2.8	28	56	3.1	0.12	0.3	0.8	A	PAICINES
23	20	34	0.8	37- 6.6	121-27.1	4.5	0.8	10	183	1.6	0.11	0.7	1.0	C	GILROY HOT SPRINGS
23	20	44	20.6	36-38.2	121-16.0	5.6	1.9	14	57	3.0	0.10	0.4	0.9	A	PAICINES
23	21	24	29.9	36-42.3	121-21.6	3.6	1.3	9	75	1.6	0.07	0.4	0.3	A	PAICINES
23	22	3	35.0	37-55.7	121-46.5	5.3	3.3	23	70	11.7	0.47	1.5	1.2	C	ANTIOCH SOUTH
23	22	52	49.6	36-38.2	121-16.0	7.1	1.2	10	94	3.1	0.11	0.7	1.6	B	PAICINES
24	4	24	34.3	36-19.5	120-55.1	2.1	1.3	7	99	1.5	0.13	1.1	1.2	B	SW 1/4 HERNANDEZ VALLEY
24	5	0	15.1	36-38.3	121-16.0	6.9	1.7	14	57	3.0	0.10	0.4	0.9	A	PAICINES
24	8	44	5.6	36-27.5	121- 4.7	7.2	0.9	10	107	5.8	0.07	0.4	1.0	B	NE 1/4 GREENFIELD
24	12	58	17.7	36-30.2	121- 6.5	3.0	0.8	8	95	3.0	0.14	0.8	1.2	B	SAN BENITO
24	14	26	13.5	36-32.8	121- 4.7	9.9	2.7	23	85	4.1	0.13	0.5	0.6	A	SAN BENITO
24	16	10	45.2	36-32.9	121- 4.3	9.9	1.3	10	90	4.2	0.11	0.7	1.3	B	SAN BENITO
24	16	33	43.5	36-58.8	121-25.6	6.8	0.4	7	124	2.3	0.05	0.5	0.8	B	SAN FELIPE
24	22	29	8.5	36-32.9	121- 4.2	10.8	1.3	9	90	4.3	0.13	1.0	1.7	B	SAN BENITO
25	1	55	38.8	36-41.2	121-23.0	11.7	1.2	12	69	4.5	0.11	0.6	1.2	A	MT HARLAN
25	4	8	52.2	36-47.1	121-23.0	8.9	1.4	17	62	6.0	0.15	0.6	1.3	A	HOLLISTER
25	4	45	43.2	36-34.8	121- 9.7	6.6	0.9	8	69	2.4	0.18	1.3	2.5	B	BICKMORE CANYON
25	4	50	11.9	36-32.3	121- 7.3	9.4	0.8	7	93	5.2	0.04	0.5	1.0	B	SAN BENITO
25	8	23	7.6	36-49.4	121-32.1	2.2	1.1	8	81	4.4	0.05	0.4	0.3	A	SAN JUAN BAUTISTA
25	9	12	12.2	36-38.5	121-16.2	7.7	0.8	9	91	3.4	0.04	0.3	0.6	B	PAICINES
25	10	29	1.6	37-42.3	122- 5.3	5.9	1.3	14	64	11.5	0.11	0.4	0.5	B	HAYWARD
25	14	23	0.6	37-22.3	121-42.3	6.9	1.0	9	85	4.7	0.08	0.5	1.5	A	LICK OBSERVATORY
25	14	26	20.5	37-22.3	121-42.6	9.4	2.9	17	84	4.3	0.11	0.5	1.0	A	LICK OBSERVATORY
25	14	29	12.9	37-22.5	121-42.7	9.9	1.7	22	85	4.3	0.12	0.4	0.9	A	MT DAY
25	14	31	34.1	37-22.4	121-42.5	8.5	1.1	12	86	4.6	0.12	0.6	1.4	A	LICK OBSERVATORY
25	14	34	40.1	36-36.0	121-14.3	0.7	1.4	13	63	3.9	0.09	0.4	0.5	A	BICKMORE CANYON
25	16	28	45.4	37-36.6	121-50.4	16.8	0.9	6	93	10.2	0.07	0.9	2.3	B	LA COSTA VALLEY
25	16	43	22.2	36-26.2	120-52.2	15.8	1.4	12	165	8.4	0.09	0.8	1.0	B	NE 1/4 HERNANDEZ VALLEY
25	16	54	41.7	36-37.3	121-16.0	2.8	0.8	6	109	3.4	0.02	0.1	0.8	B	MT JOHNSON
26	1	2	40.5	36-33.5	121-15.6	10.1	1.2	12	86	6.6	0.05	0.3	0.6	A	MT JOHNSON
26	2	53	27.2	36-45.8	121-48.2	7.7	1.5	15	109	16.3	0.09	0.4	2.1	C	MOSS LANDING
26	3	22	36.6	36- 1.8	121-29.9	10.6	1.7	16	233	30.2	0.17	1.6	1.0	C	CONE PEAK
26	4	15	11.3	36-29.4	121- 7.3	7.9	0.6	10	69	4.6	0.08	0.5	1.2	A	NE 1/4 GREENFIELD
26	6	21	10.7	37-22.3	121-42.3	8.4	1.2	15	86	4.8	0.12	0.5	1.4	A	LICK OBSERVATORY
26	7	14	50.1	36-33.4	121-15.9	11.5	1.4	17	88	7.1	0.11	0.4	1.0	A	MT JOHNSON
26	8	33	23.6	36-33.8	121-15.7	10.1	0.9	8	84	6.6	0.04	0.3	0.7	A	MT JOHNSON
26	11	12	22.9	36-55.4	121-24.4	5.1	1.4	18	80	6.7	0.10	0.3	1.7	B	SAN FELIPE
26	12	28	55.0	37-29.0	121-50.9	11.9	1.2	18	62	4.6	0.11	0.5	0.7	A	CALAVERAS RESERVOIR
26	13	45	54.1	36-38.2	121-17.3	8.3	1.4	12	96	4.8	0.06	0.3	0.7	B	PAICINES
26	16	49	3.0	36-38.1	121-15.9	5.6	1.4	11	56	2.8	0.07	0.4	0.8	A	PAICINES
26	17	42	31.6	36-37.7	121-17.5	7.2	0.8	9	96	5.2	0.07	0.5	1.5	B	PAICINES
26	19	29	10.8	36-31.3	121- 7.4	10.9	2.6	23	59	4.4	0.13	0.5	0.7	A	SAN BENITO
26	23	27	37.6	36-23.9	121- 0.3	6.9	0.7	9	117	3.2	0.07	0.5	0.8	B	NE 1/4 GREENFIELD

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG 27	1	51	35.3	37-29.1	121-42.5	3.7	0.8	8	107	8.9	0.09	0.6	0.5	B	MT DAY
27	2	11	44.9	36-43.0	121-13.0	9.9	1.2	8	128	6.9	0.10	0.8	1.8	B	CHERRY PEAK
27	3	21	18.5	36-33.4	121-15.7	9.9	0.7	9	122	6.8	0.04	0.3	0.6	B	MT JOHNSON
27	4	54	43.4	37-16.1	121-37.9	4.6	3.0	53	84	3.8	0.16	0.3	0.2	B	LICK OBSERVATORY
27	5	32	57.7	36-33.6	121-15.7	11.1	1.5	16	92	6.8	0.12	0.5	1.2	B	MT JOHNSON
27	5	49	45.8	36-33.5	121-15.7	10.4	0.9	10	96	6.8	0.05	0.3	0.7	B	MT JOHNSON
27	9	48	16.4	36-37.6	121-15.7	9.8	1.4	12	58	2.7	0.07	0.4	0.8	A	PAICINES
27	11	46	35.8	36-33.5	121-15.6	10.3	1.2	12	86	6.7	0.05	0.2	0.6	A	MT JOHNSON
27	11	47	5.2	36-38.6	121-17.4	6.0	0.6	6	159	5.1	0.01	0.1	0.4	B	PAICINES
27	12	53	41.1	36-55.8	121-24.4	8.3	0.3	9	139	6.0	0.07	0.5	1.1	B	SAN FELIPE
27	16	22	38.7	36-34.2	121-12.9	8.1	0.8	8	109	2.3	0.02	0.2	0.3	B	BICKMORE CANYON
27	16	43	55.3	37- 7.3	121-31.1	9.2	0.6	7	175	7.0	0.05	0.6	1.4	B	GILROY
27	21	20	17.4	36-38.6	121-17.8	4.3	0.8	9	107	5.8	0.08	0.6	1.7	B	PAICINES
28	0	4	40.2	36-33.5	121-15.7	10.2	0.7	10	86	6.8	0.05	0.3	0.7	A	MT JOHNSON
28	2	35	9.0	36-18.3	120-54.2	7.5	2.0	16	85	2.6	0.22	0.9	1.6	B	SW 1/4 HERNANDEZ VALLEY
28	3	13	17.6	37-33.6	121-57.7	4.8	0.7	8	94	7.9	0.16	1.1	1.1	B	NILES
28	8	34	12.9	36-35.5	121- 5.7	13.0	1.2	12	79	6.2	0.08	0.6	1.0	A	SAN BENITO
28	8	58	59.3	37-28.1	121-39.9	4.9	0.8	8	128	12.0	0.19	1.5	1.5	C	MT DAY
28	13	32	26.0	36-37.7	121-16.4	5.7	2.1	19	54	3.7	0.11	0.4	0.9	A	PAICINES
28	13	38	7.7	36-42.3	121-21.8	3.0	1.6	14	74	1.9	0.15	0.7	0.6	B	PAICINES
28	17	14	35.7	36-47.7	121-19.8	5.7	1.1	12	85	9.6	0.08	0.4	2.7	B	TRES PINOS
28	20	32	30.7	35-48.2	121-12.3	12.3	2.0	11	257	31.3	0.09	2.3	0.7	C	BURNETT PEAK
28	21	17	7.8	36-56.8	121-32.3	3.6	1.7	16	66	4.1	0.11	0.4	0.7	A	CHITTENDEN
28	23	47	51.0	36-30.2	121- 6.9	3.5	1.7	15	47	3.7	0.12	0.5	0.5	A	SAN BENITO
29	3	1	42.5	36-36.7	121-10.2	5.3	0.8	9	57	4.4	0.05	0.3	0.5	A	BICKMORE CANYON
29	7	34	19.3	36-57.8	121-26.5	6.3	0.9	10	68	4.2	0.09	0.5	1.2	A	SAN FELIPE
29	9	26	12.6	38-23.1	122-32.7	5.9	1.5	9	123	7.5	0.16	1.0	3.0	B	KENWOOD
29	20	32	35.7	36-20.0	120-55.4	3.1	1.6	10	83	2.1	0.11	0.6	0.7	A	SW 1/4 HERNANDEZ VALLEY
29	21	40	1.8	37-16.6	121-37.9	4.9	2.0	30	82	4.3	0.14	0.4	0.4	A	LICK OBSERVATORY
29	23	14	59.7	37- 8.8	121-32.8	4.5	0.9	10	111	7.0	0.09	0.5	0.7	B	MT SIZER
30	7	50	12.6	36-39.2	121-17.8	3.6	0.5	8	62	6.1	0.03	0.2	0.2	B	PAICINES
30	10	22	15.0	36-50.3	120- 1.8	5.3	3.4	8	166	33.3	0.05	1.6	1.0	C	BIOLA
30	12	16	7.3	36-49.3	120- 1.4	5.9	2.7	8	170	33.9	0.09	4.5	11.6	C	BIOLA
30	12	29	56.0	36-49.8	120- 0.8	5.4	2.2	16	140	32.5	0.19	1.3	1.4	C	BIOLA
30	12	33	4.0	36-49.8	120- 1.4	6.0	2.4	6	177	33.3	0.04	5.0	13.6	C	BIOLA
30	13	57	26.4	36-31.7	121- 9.2	4.9	1.3	10	82	6.2	0.12	0.7	1.8	B	BICKMORE CANYON
30	17	26	48.6	36-35.7	121-12.3	6.3	2.2	16	60	2.6	0.13	0.5	1.1	A	BICKMORE CANYON
30	20	26	40.3	36-30.0	121- 7.2	7.2	2.8	25	47	4.1	0.16	0.5	1.0	B	NE 1/4 GREENFIELD
30	21	28	27.1	36- 0.7	120-36.4	3.9	1.6	8	147	14.0	0.10	4.9	7.8	C	SE 1/4 PRIEST VALLEY
30	21	30	1.9	36-30.0	121- 7.2	4.6	2.0	16	47	4.1	0.12	0.4	1.5	A	NE 1/4 GREENFIELD
30	22	45	25.4	36-56.1	121-24.2	6.5	0.3	9	101	5.3	0.08	0.7	1.3	B	SAN FELIPE
30	23	59	45.4	36-22.9	120-58.5	0.2	1.5	9	105	6.1	0.09	0.5	0.5	B	NW 1/4 HERNANDEZ VALLEY
31	0	2	15.4	36-23.3	120-58.6	2.1	1.9	13	108	5.4	0.09	0.5	0.4	B	NW 1/4 HERNANDEZ VALLEY
31	0	37	29.2	36-34.0	121-11.8	5.9	1.0	12	66	1.2	0.04	0.2	0.3	A	BICKMORE CANYON
31	1	39	13.6	36-30.1	121- 7.0	3.5	1.2	11	90	3.8	0.11	0.6	0.6	B	SAN BENITO

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NC	GAP	OMIN	RMS	ERH	ERZ	Q	QUADRANGLE
AUG 31	3	46	31.4	37-27.9	121-40.1	5.3	2.3	37	71	11.7	0.21	0.5	0.6	C	MT DAY
31	5	25	10.8	36-30.0	121- 7.3	4.6	1.0	11	65	4.3	0.11	0.6	1.7	A	SAN BENITO
31	5	47	43.6	36-29.9	121- 7.4	2.2	0.1	8	101	4.6	0.09	0.6	0.4	B	NE 1/4 GREENFIELD
31	7	27	36.0	36-35.8	121-16.9	3.1	0.9	10	112	4.0	0.10	0.6	0.5	B	MT JOHNSON
31	7	30	38.3	36-30.0	121- 7.2	2.3	0.4	7	150	4.1	0.10	0.8	0.5	B	NE 1/4 GREENFIELD
31	8	42	46.4	36-35.3	121-16.8	4.0	0.3	7	72	8.3	0.04	0.3	0.3	B	MT JOHNSON
31	9	54	50.4	36-33.5	121-15.7	9.5	0.3	9	87	6.8	0.03	0.2	0.4	A	MT JOHNSON
31	10	45	2.3	37-38.6	122- 1.4	4.5	0.8	9	83	6.1	0.12	0.6	0.6	B	HAYWARD
31	13	15	3.7	37-22.1	121-42.7	5.7	0.2	6	83	4.0	0.10	1.0	1.0	A	LICK OBSERVATORY
31	15	17	57.5	36-40.0	121-17.7	6.1	1.5	13	69	6.4	0.10	0.4	1.1	B	PAICINES
31	16	47	21.0	36-37.9	121-17.3	7.6	0.7	11	54	4.9	0.06	0.3	0.7	A	PAICINES
31	17	35	45.8	36-34.1	121-12.9	7.8	0.1	10	180	2.5	0.05	0.3	0.3	B	BICKMORE CANYON
31	19	39	22.9	36-55.4	121-35.3	6.5	0.2	7	135	3.9	0.04	0.4	0.6	B	CHITTENDEN
SEP 1	0	38	18.3	36-35.6	121-14.5	9.1	2.1	22	66	4.7	0.09	0.3	0.6	A	BICKMORE CANYON
1	2	53	37.6	36-53.9	121-24.2	5.0	-0.2	7	105	4.7	0.08	0.8	4.7	B	SAN FELIPE
1	3	5	49.2	36-26.3	121- 2.2	0.1	1.2	7	128	2.2	0.09	0.4	0.4	B	NE 1/4 GREENFIELD
1	6	4	48.0	36-37.8	121-39.5	8.7	1.4	25	96	7.8	0.08	0.3	0.5	B	SALINAS
1	6	18	54.0	36-38.5	121-17.5	5.5	2.8	30	58	5.2	0.14	0.4	0.6	A	PAICINES
1	7	2	47.3	36-22.0	120-59.6	8.1	0.7	8	148	6.7	0.07	0.7	1.2	B	SW 1/4 HERNANDEZ VALLEY
1	7	47	57.0	37- 0.0	121-39.4	8.0	0.7	13	55	6.2	0.12	0.7	1.8	A	MT MADONNA
1	7	53	53.4	36-38.2	121-17.7	8.3	1.6	18	55	5.5	0.10	0.4	0.9	A	PAICINES
1	8	49	19.0	37-39.7	122-28.2	6.0	1.2	8	182	2.7	0.07	0.9	0.6	C	SAN FRANCISCO SOUTH
1	11	22	6.4	36-31.8	121- 8.0	3.4	0.4	8	81	5.7	0.11	0.8	0.7	B	BICKMORE CANYON
1	13	29	55.7	37-24.3	121-47.2	2.6	1.2	8	83	5.2	0.08	0.6	0.3	B	CALAVERAS RESERVOIR
1	14	57	15.4	36-18.5	120-56.8	10.4	0.2	6	227	1.7	0.10	2.5	1.2	D	SW 1/4 HERNANDEZ VALLEY
1	15	47	58.5	37-16.5	121-37.7	6.1	1.1	14	84	4.4	0.10	0.4	1.5	A	LICK OBSERVATORY
1	16	9	32.1	36-38.7	121-17.5	4.3	1.8	17	60	5.3	0.13	0.5	0.7	B	PAICINES
1	16	48	50.0	36-33.2	121-10.4	3.7	1.5	11	69	2.7	0.09	0.4	0.5	A	BICKMORE CANYON
1	18	52	5.8	37-25.7	121-44.5	3.0	0.8	6	108	5.7	0.03	0.4	0.3	B	MT DAY
2	4	40	7.9	36-32.5	121- 9.3	3.5	0.9	8	75	4.7	0.12	0.8	0.8	A	BICKMORE CANYON
2	5	47	9.1	36-33.3	121- 4.9	7.7	1.3	10	79	5.1	0.12	0.8	1.6	A	SAN BENITO
2	14	49	48.8	37-28.4	121-39.9	5.0	1.2	8	129	12.0	0.14	1.1	1.1	C	MT DAY
2	17	31	55.1	36-37.1	121-15.7	5.8	1.0	12	57	3.1	0.08	0.4	0.9	A	MT JOHNSON
2	17	52	33.6	36-55.1	121-28.9	8.9	0.4	9	79	2.3	0.06	0.4	1.8	A	SAN FELIPE
2	21	58	23.2	36-57.3	121-36.9	4.3	0.6	10	77	2.8	0.10	0.5	0.5	A	CHITTENDEN
3	2	7	27.3	36-23.9	121- 0.8	7.3	0.8	8	102	2.9	0.06	0.5	0.9	B	NE 1/4 GREENFIELD
3	3	24	41.2	36-37.1	121-16.2	6.6	1.5	14	58	3.8	0.07	0.3	0.7	A	MT JOHNSON
3	4	25	12.6	36-33.0	121-11.0	9.5	0.7	7	88	2.9	0.09	0.9	1.8	A	BICKMORE CANYON
3	5	11	7.6	36-54.3	121-17.1	5.4	1.3	15	142	3.0	0.11	0.5	1.0	B	THREE SISTERS
3	8	6	39.3	35-59.7	120-52.2	12.7	1.3	8	168	18.4	0.11	1.1	3.9	C	HUNPOST
3	12	26	10.3	36-18.5	120-54.1	2.7	1.7	13	91	2.5	0.12	0.6	0.6	B	SW 1/4 HERNANDEZ VALLEY
3	14	39	45.8	37-10.3	121-33.1	3.4	0.6	9	115	6.5	0.08	0.5	0.4	B	MT SIZER
3	15	2	29.6	36-33.0	121-11.1	9.6	0.7	8	88	2.8	0.07	0.6	1.1	A	BICKMORE CANYON
3	15	51	40.0	37-25.6	121-23.6	5.0	1.1	10	253	15.1	0.28	3.9	1.7	D	MT BOARDMAN
3	17	58	15.4	36-38.4	121-17.4	4.6	1.6	20	58	5.1	0.11	0.3	1.1	B	PAICINES

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP	3	19	6	16.8	36-33.5	121-11.9	8.8	1.2	10	81	2.0	0.09	0.5	1.0	A	BICKMORE CANYON
	3	22	19	41.0	37- 4.3	121-29.8	9.8	0.1	6	134	5.1	0.07	0.8	1.6	B	GILROY HOT SPRINGS
	4	3	57	38.7	36-32.0	121- 9.8	10.1	2.3	24	63	5.2	0.15	0.5	0.7	A	BICKMORE CANYON
	4	4	29	55.9	36-32.7	121-10.7	10.1	0.3	6	135	3.5	0.04	0.5	1.0	B	BICKMORE CANYON
	4	16	51	41.7	36-37.8	121-16.5	6.1	1.5	11	53	3.8	0.07	0.3	0.8	A	PAICINES
	4	16	54	37.5	36-37.8	121-16.5	5.1	0.6	9	54	9.8	0.07	0.4	2.0	B	PAICINES
	4	17	55	51.2	36-37.6	121-16.4	5.9	2.4	36	54	3.7	0.14	0.3	0.5	A	PAICINES
	4	17	57	28.4	36-37.7	121-16.5	4.9	1.5	14	54	3.8	0.10	0.4	1.1	A	PAICINES
	4	17	57	48.6	36-37.8	121-16.6	4.7	1.6	14	53	3.9	0.10	0.4	1.2	A	PAICINES
	4	18	4	26.4	36-37.7	121-16.5	4.8	1.6	17	54	3.7	0.09	0.3	0.9	A	PAICINES
	4	18	4	40.8	36-37.5	121-16.5	5.7	4.6R	40	55	3.8	0.16	0.4	0.5	B	MT JOHNSON
	4	18	7	47.5	36-37.5	121-16.2	3.2	1.1	11	55	3.5	0.06	0.3	0.3	A	PAICINES
	4	18	7	53.0	36-37.8	121-16.7	5.9	1.9	12	53	4.1	0.09	0.4	1.5	A	PAICINES
	4	18	10	18.3	36-37.7	121-16.6	5.4	2.5	35	54	4.0	0.16	0.4	0.6	B	PAICINES
	4	18	11	14.6	36-37.1	121-15.9	5.8	2.3	29	58	3.3	0.15	0.4	0.7	B	MT JOHNSON
	4	18	11	45.6	36-37.4	121-16.1	5.0	2.1	18	56	3.4	0.10	0.3	1.1	A	MT JOHNSON
	4	18	12	11.2	36-38.1	121-16.7	4.1	1.8	15	56	4.0	0.12	0.5	0.8	A	PAICINES
	4	18	12	25.1	36-38.0	121-16.5	4.8	1.9	12	55	3.8	0.06	0.3	1.1	A	PAICINES
	4	18	14	34.8	36-37.3	121-16.1	6.4	1.2	12	57	3.5	0.07	0.3	0.9	A	MT JOHNSON
	4	18	17	25.1	36-37.1	121-15.7	4.5	1.0	11	57	3.1	0.07	0.3	0.8	A	MT JOHNSON
	4	18	17	50.4	36-36.8	121-16.0	8.0	0.7	11	60	3.9	0.10	0.5	0.9	A	MT JOHNSON
	4	18	19	16.2	36-37.8	121-16.7	6.0	2.8	32	53	4.0	0.13	0.3	0.5	A	PAICINES
	4	18	20	26.0	36-38.0	121-16.9	8.2	0.9	8	103	4.3	0.10	0.9	1.7	B	PAICINES
	4	18	21	24.8	36-36.9	121-15.6	5.6	0.6	11	59	3.2	0.07	0.4	0.9	A	MT JOHNSON
	4	18	22	6.1	36-37.3	121-15.8	4.7	1.7	15	56	3.0	0.11	0.4	1.1	A	MT JOHNSON
	4	18	22	50.5	36-37.2	121-15.7	4.4	1.4	14	57	3.0	0.09	0.4	0.6	A	MT JOHNSON
	4	18	24	47.1	36-38.1	121-16.8	5.1	2.2	17	56	4.2	0.14	0.5	1.3	A	PAICINES
	4	18	25	41.1	36-36.7	121-15.6	4.3	0.7	8	118	3.5	0.05	0.4	1.0	B	MT JOHNSON
	4	18	28	42.2	36-37.7	121-16.6	5.7	2.2	13	54	4.0	0.11	0.5	1.3	A	PAICINES
	4	18	30	48.9	36-37.2	121-15.6	4.2	1.2	12	57	3.0	0.07	0.3	0.8	A	MT JOHNSON
	4	18	31	3.8	36-37.6	121-16.2	3.3	0.8	10	62	3.4	0.09	0.5	0.5	A	PAICINES
	4	18	31	14.6	36-37.7	121-16.5	5.5	1.1	8	54	3.8	0.08	0.5	1.7	A	PAICINES
	4	18	31	54.2	36-35.3	121-13.0	3.8	1.0	9	70	2.8	0.09	0.6	0.5	A	BICKMORE CANYON
	4	18	32	18.0	36-37.9	121-16.7	4.9	1.5	14	54	4.0	0.09	0.4	1.1	A	PAICINES
	4	18	32	45.0	36-37.8	121-16.4	8.2	0.8	9	53	3.7	0.08	0.5	1.3	A	PAICINES
	4	18	33	15.3	36-37.3	121-15.7	4.5	1.7	15	56	2.9	0.09	0.4	0.5	A	MT JOHNSON
	4	18	34	36.0	36-37.3	121-16.1	5.9	2.3	19	56	3.4	0.10	0.4	0.8	A	MT JOHNSON
	4	18	36	59.4	36-38.0	121-16.7	4.0	0.7	8	98	4.0	0.07	0.5	0.4	B	PAICINES
	4	18	38	20.2	36-37.6	121-16.4	5.7	2.8	36	55	3.7	0.14	0.4	0.5	A	PAICINES
	4	18	39	18.2	36-38.1	121-16.9	4.1	2.0	13	56	4.4	0.13	0.5	1.8	A	PAICINES
	4	18	40	25.3	36-37.4	121-16.3	7.1	1.2	12	56	3.8	0.07	0.4	0.9	A	MT JOHNSON
	4	18	40	52.1	36-37.8	121-16.3	4.4	1.2	10	53	3.5	0.07	0.4	0.8	A	PAICINES
	4	18	41	37.3	36-37.6	121-16.1	4.5	0.7	10	55	3.3	0.09	0.5	1.4	A	PAICINES
	4	18	41	54.5	36-37.7	121-16.3	4.6	1.3	11	54	3.6	0.07	0.3	1.1	A	PAICINES
	4	18	42	5.8	36-38.1	121-16.9	4.4	2.2	20	56	4.3	0.11	0.4	0.5	A	PAICINES

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 4	21	12	7.9	36-37.1	121-15.8	5.3	0.8	11	58	3.3	0.07	0.4	0.9	A	MT JOHNSON
4	21	14	8.8	36-36.9	121-15.5	4.0	0.2	9	89	3.2	0.05	0.3	0.5	A	MT JOHNSON
4	21	14	13.0	36-37.6	121-16.1	4.1	1.2	13	54	3.2	0.08	0.3	1.4	A	PAICINES
4	21	16	20.9	36-37.5	121-16.5	5.5	1.4	15	55	3.8	0.10	0.4	1.1	A	MT JOHNSON
4	21	21	57.6	36-37.4	121-15.8	4.1	0.8	8	89	3.0	0.07	0.6	2.3	B	MT JOHNSON
4	21	26	11.1	36-37.2	121-16.2	4.9	2.3	21	57	3.7	0.13	0.4	1.2	A	MT JOHNSON
4	21	27	37.2	36-37.6	121-16.3	4.2	1.4	13	55	3.6	0.09	0.4	1.0	A	PAICINES
4	21	30	58.4	36-38.0	121-16.6	5.6	1.5	10	68	3.8	0.08	0.4	1.0	A	PAICINES
4	21	32	12.8	36-37.4	121-15.7	4.4	1.6	15	56	2.9	0.10	0.4	0.5	A	MT JOHNSON
4	21	51	50.9	36- 2.9	121-30.4	14.3	1.6	7	266	30.7	0.03	0.5	0.4	C	LOPEZ POINT
4	21	56	42.0	36-36.8	121-15.6	5.8	0.5	10	60	3.4	0.07	0.4	0.9	A	MT JOHNSON
4	21	59	28.0	36-37.8	121-16.5	4.5	1.6	14	53	3.7	0.09	0.4	0.9	A	PAICINES
4	22	4	13.0	36-38.1	121-16.6	6.5	2.0	17	56	3.9	0.09	0.3	0.8	A	PAICINES
4	22	28	25.0	36-37.3	121-15.8	5.9	1.5	18	57	3.2	0.10	0.3	0.8	A	MT JOHNSON
4	22	34	13.1	37-19.7	121-40.3	7.6	1.6	25	74	3.0	0.13	0.4	1.1	A	LICK OBSERVATORY
4	22	39	14.0	36-36.6	121-15.0	4.3	0.4	9	66	3.2	0.05	0.3	0.7	A	MT JOHNSON
4	23	36	47.1	36-37.4	121-16.3	5.3	0.7	9	68	3.7	0.08	0.4	1.2	A	MT JOHNSON
4	23	45	48.9	36-37.6	121-16.7	5.6	0.8	11	54	4.1	0.08	0.4	0.9	A	PAICINES
4	23	49	46.8	36-37.4	121-16.4	6.4	0.6	14	56	3.8	0.12	0.5	1.2	A	MT JOHNSON
4	23	58	17.8	36-37.1	121-15.8	5.5	0.9	10	58	3.3	0.06	0.3	1.2	A	MT JOHNSON
4	23	58	32.2	36-36.7	121-15.9	7.3	0.4	10	80	3.8	0.07	0.5	0.8	A	MT JOHNSON
5	0	3	13.1	36-20.7	120-15.3	5.0	2.7	11	155	43.3	0.13	1.0	0.9	B	DOMENGINE RANCH
5	0	5	48.9	36-38.1	121-17.0	4.5	1.5	14	55	4.5	0.10	0.4	1.4	A	PAICINES
5	0	7	20.0	36-19.4	120-15.2	9.8	2.7	9	157	42.1	0.09	0.9	1.5	B	DOMENGINE RANCH
5	0	9	56.0	36-38.1	121-17.2	4.0	1.2	10	56	4.8	0.08	0.4	0.4	A	PAICINES
5	0	23	44.2	36-37.9	121-16.9	3.9	0.8	11	54	4.4	0.07	0.3	0.4	A	PAICINES
5	0	24	51.2	36-37.9	121-17.3	4.9	0.6	10	100	4.9	0.07	0.4	1.1	B	PAICINES
5	0	26	13.6	36-37.3	121-16.3	0.0	0.9	10	95	3.7	0.07	0.4	0.5	B	MT JOHNSON
5	0	33	38.1	36-37.6	121-16.4	4.8	0.9	10	54	3.7	0.08	0.4	1.1	A	PAICINES
5	0	34	47.5	36-37.9	121-16.8	5.4	1.5	16	54	4.2	0.11	0.4	1.1	A	PAICINES
5	0	37	2.6	36-36.6	121-15.3	5.9	2.7	32	60	3.3	0.13	0.3	0.5	A	MT JOHNSON
5	0	39	40.9	36-36.7	121-15.4	5.8	2.4	25	60	3.3	0.13	0.4	0.6	A	MT JOHNSON
5	0	45	19.5	36-37.2	121-16.0	5.5	0.9	10	66	3.4	0.05	0.3	0.8	A	MT JOHNSON
5	0	47	17.1	36-36.8	121-15.3	5.1	0.5	9	75	3.1	0.05	0.3	0.8	A	MT JOHNSON
5	0	58	19.2	36-38.0	121-17.0	4.8	0.7	11	55	4.4	0.06	0.3	0.9	A	PAICINES
5	0	59	3.1	36-38.0	121-17.2	5.7	1.8	16	55	4.8	0.11	0.4	1.2	A	PAICINES
5	1	3	46.8	36-37.7	121-16.4	5.7	2.3	27	54	3.7	0.13	0.4	0.8	A	PAICINES
5	1	26	15.8	36-25.9	121- 1.8	0.0	1.5	8	108	1.4	0.08	0.5	0.5	B	NE 1/4 GREENFIELD
5	1	51	11.8	35-56.0	120-30.4	9.6	1.6	6	133	3.2	0.13	1.5	2.5	B	STOCKDALE MTN
5	1	52	54.3	36-37.8	121-16.7	5.7	2.7	29	53	4.0	0.14	0.4	0.6	A	PAICINES
5	1	55	18.2	36-38.0	121-17.0	4.9	1.9	18	55	4.5	0.10	0.3	1.0	A	PAICINES
5	2	14	11.7	36-37.7	121-16.3	4.4	1.6	18	54	3.5	0.10	0.4	0.5	A	PAICINES
5	2	45	56.1	36-37.6	121-16.8	5.8	1.4	14	54	4.2	0.09	0.4	1.0	A	PAICINES
5	2	53	18.0	36-36.8	121-15.4	5.5	1.7	17	59	3.1	0.09	0.3	0.7	A	MT JOHNSON
5	2	58	9.5	36-37.8	121-16.7	5.4	1.6	16	53	4.0	0.10	0.4	1.1	A	PAICINES

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 5	3	32	10.8	36-37.9	121-16.6	4.9	1.2	13	54	3.9	0.10	0.5	1.1	A	PAICINES
5	3	35	3.5	36-37.1	121-15.8	4.8	2.2	31	58	3.3	0.14	0.3	0.5	A	MT JOHNSON
5	3	35	52.2	36-37.3	121-15.8	5.0	1.0	11	57	3.2	0.05	0.2	0.7	A	MT JOHNSON
5	3	48	47.3	36-37.0	121-15.8	5.0	0.6	11	59	3.4	0.07	0.4	1.0	A	MT JOHNSON
5	4	15	47.7	35-48.1	120-21.5	5.1	1.9	6	266	3.2	0.03	0.8	0.3	C	CHOLAME VALLEY
5	4	21	40.8	36-37.8	121-16.7	4.8	1.0	10	53	4.1	0.07	0.4	1.0	A	PAICINES
5	4	23	56.7	36-36.6	121-15.3	5.5	1.8	19	61	3.4	0.11	0.4	0.5	A	MT JOHNSON
5	4	27	34.2	36-38.4	121-17.0	5.1	0.6	8	156	4.6	0.08	0.7	1.9	B	PAICINES
5	4	28	0.3	36-38.2	121-16.8	4.4	0.8	9	106	4.2	0.08	0.5	1.5	B	PAICINES
5	4	37	0.3	36-38.2	121-16.8	8.2	0.7	8	107	4.3	0.10	0.9	1.8	B	PAICINES
5	4	37	38.4	36-38.2	121-16.9	6.5	0.6	8	106	4.3	0.09	0.8	1.6	B	PAICINES
5	4	39	45.3	36-37.4	121-16.1	4.2	1.4	12	56	3.3	0.08	0.4	1.0	A	MT JOHNSON
5	5	3	53.2	36-37.4	121-16.0	5.6	2.3	27	56	3.3	0.12	0.3	0.5	A	MT JOHNSON
5	5	6	58.1	36-38.1	121-17.1	5.5	1.6	16	56	4.6	0.10	0.4	1.0	A	PAICINES
5	5	55	39.7	36-37.1	121-15.7	5.2	1.0	12	58	3.2	0.08	0.4	1.0	A	MT JOHNSON
5	6	14	26.7	36-38.2	121-15.7	6.5	0.5	8	111	2.5	0.09	0.7	1.4	B	PAICINES
5	6	46	46.6	36-37.9	121-17.2	5.5	2.3	26	54	4.7	0.14	0.4	0.7	A	PAICINES
5	6	48	25.3	36-35.8	121-12.9	8.3	1.4	10	61	3.4	0.05	0.3	0.6	A	BICKMORE CANYON
5	8	21	48.6	36-37.1	121-15.7	5.5	1.8	20	58	3.2	0.13	0.4	0.7	A	MT JOHNSON
5	8	55	26.6	36-37.4	121-16.0	4.0	0.8	11	56	3.2	0.08	0.4	0.4	A	MT JOHNSON
5	9	7	26.4	36-37.2	121-15.4	4.9	1.5	12	57	2.7	0.09	0.4	0.9	A	MT JOHNSON
5	9	31	51.1	36-37.6	121-15.1	5.4	1.6	14	54	1.9	0.11	0.4	0.9	A	PAICINES
5	9	37	28.9	36-36.8	121-15.3	5.1	0.9	10	74	3.1	0.06	0.3	0.9	A	MT JOHNSON
5	11	45	13.4	36-37.8	121-16.5	4.9	1.4	12	53	3.7	0.07	0.3	0.8	A	PAICINES
5	11	55	2.9	36-36.9	121-15.5	5.3	0.7	11	59	3.2	0.06	0.3	0.7	A	MT JOHNSON
5	12	12	29.3	36-36.9	121-15.6	6.2	1.7	19	59	3.2	0.11	0.4	0.8	A	MT JOHNSON
5	12	41	59.0	36-37.8	121-16.6	5.6	0.6	9	53	3.9	0.06	0.3	1.2	A	PAICINES
5	13	24	15.0	36-37.6	121-16.7	6.1	1.5	15	54	4.2	0.10	0.4	1.0	A	PAICINES
5	13	26	10.8	36-36.8	121-15.1	4.7	1.3	13	59	2.9	0.09	0.4	1.0	A	MT JOHNSON
5	14	8	2.8	36-37.3	121-15.7	4.3	1.8	16	56	3.0	0.11	0.4	0.6	A	MT JOHNSON
5	14	21	14.5	36-36.8	121-15.4	4.7	0.4	10	60	3.2	0.05	0.3	0.9	A	MT JOHNSON
5	14	56	13.8	36-37.4	121-16.3	5.9	1.0	13	56	3.7	0.08	0.4	0.9	A	MT JOHNSON
5	17	0	50.1	36-37.0	121-15.7	4.1	1.1	11	58	3.3	0.10	0.5	1.0	A	MT JOHNSON
5	17	13	19.4	36-37.3	121-16.0	5.5	0.9	12	57	3.4	0.07	0.3	1.0	A	MT JOHNSON
5	17	51	51.8	36-36.9	121-15.5	6.1	0.7	8	106	3.2	0.03	0.3	0.9	B	MT JOHNSON
5	18	55	58.7	36-36.5	121-15.1	5.7	1.6	14	61	3.3	0.10	0.4	1.0	A	MT JOHNSON
5	19	50	29.3	36-37.5	121-16.0	4.2	1.6	15	55	3.2	0.10	0.4	1.0	A	PAICINES
9	20	12	12.3	36-38.0	121-17.0	5.7	0.6	10	55	4.5	0.07	0.4	0.9	A	PAICINES
5	21	17	32.5	36-37.7	121-16.5	7.3	1.3	14	54	3.8	0.10	0.4	1.0	A	PAICINES
5	21	27	26.1	36-37.4	121-16.1	5.4	1.4	17	56	3.4	0.11	0.4	1.0	A	MT JOHNSON
5	21	57	21.7	36-37.9	121-16.8	4.9	1.0	12	54	4.2	0.07	0.3	0.8	A	PAICINES
5	22	46	2.6	36-38.2	121-17.0	4.4	1.9	17	56	4.5	0.11	0.4	0.6	A	PAICINES
5	23	12	57.8	36-37.9	121-17.0	5.0	1.3	13	54	4.5	0.07	0.3	0.8	A	PAICINES
5	23	46	25.2	36-47.5	121-25.6	10.9	2.8	37	40	3.4	0.13	0.3	0.5	A	HOLLISTER
5	23	46	58.0	36-47.0	121-24.9	11.4	1.8	14	70	3.4	0.07	0.4	0.7	A	HOLLISTER

CENTRAL CALIFORNIA EARTHQUAKES—THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 5	23	47	55.2	36-47.5	121-25.7	10.8	2.2	31	40	3.3	0.13	0.4	0.6	A	HOLLISTER
5	23	55	23.8	36-47.4	121-25.9	11.3	2.0	29	39	3.0	0.16	0.5	0.8	B	HOLLISTER
6	0	3	8.0	36-47.5	121-25.6	10.9	2.7	37	40	3.3	0.13	0.3	0.4	A	HOLLISTER
6	0	6	0.5	36-47.2	121-25.1	8.0	1.2	13	68	3.4	0.11	0.6	1.0	A	HOLLISTER
6	0	11	30.7	36-47.0	121-25.5	10.5	1.6	19	41	2.7	0.14	0.5	1.0	A	HOLLISTER
6	0	16	20.8	36-47.4	121-26.2	11.7	1.0	12	73	6.3	0.18	0.9	2.2	B	HOLLISTER
6	0	29	21.1	36-33.0	121-11.1	8.5	1.8	14	69	2.8	0.06	0.2	0.5	A	BICKMORE CANYON
6	1	52	19.3	36-37.9	121-16.9	5.9	1.5	13	54	4.4	0.10	0.4	1.1	A	PAICINES
6	2	11	55.8	36-36.6	121-15.2	5.1	0.7	11	68	3.3	0.04	0.2	0.5	A	MT JOHNSON
6	2	20	26.9	36-47.1	121-25.7	10.8	1.5	20	42	2.6	0.15	0.5	1.1	A	HOLLISTER
6	2	29	47.8	36-36.6	121-15.1	5.9	2.9	33	60	3.2	0.13	0.3	0.5	A	MT JOHNSON
6	2	32	8.1	36-36.7	121-15.2	5.5	0.8	12	71	3.1	0.05	0.2	0.5	A	MT JOHNSON
6	2	35	30.1	36-36.7	121-15.4	7.4	1.8	20	60	3.3	0.13	0.4	1.0	A	MT JOHNSON
6	2	47	32.4	36-37.3	121-16.1	5.7	1.8	20	56	3.5	0.09	0.3	0.7	A	MT JOHNSON
6	3	7	17.7	36-37.8	121-16.6	4.5	1.9	19	54	3.9	0.10	0.3	0.9	A	PAICINES
6	3	8	58.6	36-37.2	121-16.1	6.3	1.3	12	57	3.6	0.05	0.3	0.6	A	MT JOHNSON
6	3	16	44.9	36-37.0	121-15.8	5.7	0.7	12	58	3.4	0.05	0.2	0.6	A	MT JOHNSON
6	3	43	24.3	36-36.5	121-15.0	5.6	1.8	19	61	3.3	0.11	0.4	0.8	A	MT JOHNSON
6	3	45	5.6	36-36.9	121-15.5	5.5	1.3	12	59	3.2	0.05	0.2	0.6	A	MT JOHNSON
6	4	10	13.1	36-36.5	121-14.9	4.7	0.5	11	82	3.3	0.06	0.3	0.6	A	BICKMORE CANYON
6	5	31	56.3	36-37.9	121-16.7	5.3	2.1	21	54	4.0	0.10	0.3	0.5	A	PAICINES
6	5	35	12.0	36-38.4	121-17.0	6.1	1.8	16	58	4.5	0.10	0.4	0.9	A	PAICINES
6	6	5	43.0	36-37.6	121-16.2	4.7	0.9	11	55	3.4	0.07	0.4	0.9	A	PAICINES
6	6	15	58.6	36-37.7	121-16.6	6.0	1.8	19	54	4.0	0.10	0.3	0.8	A	PAICINES
6	6	22	22.6	36-37.7	121-16.4	5.8	1.5	12	54	3.6	0.07	0.3	0.7	A	PAICINES
6	6	37	38.5	36-36.9	121-15.8	6.1	0.8	12	59	3.4	0.05	0.2	0.7	A	MT JOHNSON
6	6	38	48.3	36-37.3	121-15.7	4.6	1.1	12	95	2.9	0.07	0.4	0.8	B	MT JOHNSON
6	7	39	30.5	36-36.8	121-15.3	6.1	2.0	22	60	3.1	0.13	0.4	0.9	A	MT JOHNSON
6	7	42	45.6	36-36.6	121-15.0	5.5	0.4	9	66	3.2	0.07	0.5	0.9	A	MT JOHNSON
6	8	9	23.2	36-37.3	121-15.5	4.6	1.9	15	57	2.8	0.10	0.4	0.8	A	MT JOHNSON
6	8	25	21.9	36-37.7	121-16.4	5.3	1.0	12	54	3.7	0.06	0.3	0.7	A	PAICINES
6	9	51	26.7	36-38.1	121-16.9	5.4	1.0	11	55	4.4	0.05	0.2	0.6	A	PAICINES
6	10	39	45.3	36-37.4	121-16.1	5.5	0.6	12	56	3.4	0.06	0.3	0.6	A	MT JOHNSON
6	11	40	36.8	36-38.1	121-17.1	4.5	1.3	15	56	4.6	0.10	0.4	1.1	A	PAICINES
6	11	51	24.2	36-37.9	121-16.9	4.8	1.0	12	54	4.3	0.06	0.3	0.8	A	PAICINES
6	14	19	38.1	36-37.2	121-15.8	4.4	0.8	10	57	3.1	0.07	0.4	0.8	A	MT JOHNSON
6	14	56	23.8	36-54.9	121-25.6	4.5	0.3	6	181	6.8	0.05	0.6	5.0	D	SAN FELIPE
6	15	5	59.5	36-42.0	121-21.7	4.6	3.4	22	49	1.9	0.19	0.6	0.7	B	PAICINES
6	15	7	30.9	36-36.8	121-16.0	5.9	1.0	8	89	3.8	0.03	0.2	0.9	A	MT JOHNSON
6	15	24	56.4	36-37.7	121-16.6	4.9	0.8	12	54	3.9	0.08	0.4	0.9	A	PAICINES
6	15	25	18.6	36-37.5	121-15.5	2.8	0.8	10	55	2.4	0.07	0.4	0.4	A	PAICINES
6	15	27	29.9	36-41.9	121-20.9	2.9	0.3	6	90	1.4	0.07	0.7	0.6	A	PAICINES
6	15	51	14.1	36-37.6	121-16.2	4.8	0.3	9	54	3.4	0.07	0.4	0.9	A	PAICINES
6	16	35	14.6	36-37.3	121-16.5	5.5	0.7	10	56	4.0	0.05	0.2	0.6	A	MT JOHNSON
6	16	36	21.5	36-37.9	121-16.6	5.2	1.3	16	54	3.9	0.10	0.4	0.9	A	PAICINES

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 6	17	20	2.8	36-36.7	121-15.3	5.9	1.7	20	60	3.2	0.12	0.4	0.9	A	MT JOHNSON
6	17	42	25.1	36-37.1	121-15.6	5.0	1.6	18	57	3.0	0.10	0.3	0.8	A	MT JOHNSON
6	18	2	35.6	36-37.3	121-15.7	4.6	0.6	10	88	2.8	0.05	0.3	0.5	A	MT JOHNSON
6	19	39	27.0	36-37.6	121-16.7	7.0	0.9	11	54	4.1	0.11	0.6	1.3	A	PAICINES
6	20	53	26.0	36-37.2	121-16.0	6.7	2.2	22	57	3.4	0.14	0.4	0.9	A	MT JOHNSON
6	23	2	0.6	36-36.6	121-15.1	6.2	2.3	24	60	3.2	0.13	0.4	0.9	A	MT JOHNSON
6	23	15	59.9	37-16.4	121-37.7	5.0	1.1	13	84	4.2	0.08	0.4	0.3	A	LICK OBSERVATORY
7	0	24	27.4	36-36.6	121-15.1	5.4	1.7	17	60	3.2	0.09	0.3	0.7	A	MT JOHNSON
7	1	17	36.6	36-34.4	121-12.3	4.8	1.7	17	66	1.4	0.12	0.5	0.9	A	BICKMORE CANYON
7	1	52	44.5	36-37.8	121-16.5	7.0	0.9	10	69	3.8	0.09	0.5	1.1	A	PAICINES
7	1	55	43.5	36-32.9	121- 9.0	11.6	0.6	10	89	4.6	0.18	1.2	1.6	B	BICKMORE CANYON
7	2	10	22.4	36-36.4	121-15.4	7.0	0.5	11	83	3.8	0.08	0.4	0.8	A	MT JOHNSON
7	2	32	18.9	36-38.1	121-16.9	4.2	2.0	23	56	4.3	0.14	0.4	0.6	A	PAICINES
7	3	58	46.9	36-33.3	121- 3.3	15.6	0.5	8	133	4.9	0.12	1.7	2.3	B	SAN BENITO
7	5	8	51.7	36-32.2	121-10.4	9.0	0.5	11	76	4.5	0.04	0.2	0.4	A	BICKMORE CANYON
7	5	20	14.0	36-33.8	121-12.2	9.1	0.3	8	117	1.8	0.02	0.2	0.3	B	BICKMORE CANYON
7	6	6	50.4	36-37.3	121-15.5	8.3	0.7	11	56	2.7	0.10	0.5	1.1	A	MT JOHNSON
7	6	28	31.5	37-15.5	121-37.2	2.7	0.6	11	90	4.6	0.19	0.8	0.8	B	ISABEL VALLEY
7	6	36	8.7	36-20.8	120-56.8	5.5	0.8	7	113	3.9	0.10	0.8	1.8	B	SW 1/4 HERNANDEZ VALLEY
7	7	28	28.3	36-33.0	121-11.1	8.7	0.4	8	88	2.9	0.04	0.3	0.6	A	BICKMORE CANYON
7	7	45	52.6	36-37.6	121-16.4	5.9	1.7	18	54	3.7	0.11	0.4	0.9	A	PAICINES
7	9	8	41.0	36-36.8	121-15.8	0.4	0.5	13	115	3.6	0.08	0.4	0.4	B	MT JOHNSON
7	11	37	12.7	36-37.5	121-16.1	4.7	0.6	10	90	3.3	0.08	0.5	1.1	A	MT JOHNSON
7	12	25	22.9	36-37.8	121-16.3	6.6	1.6	17	53	3.5	0.14	0.5	1.2	A	PAICINES
7	12	36	33.3	36-37.0	121-15.7	5.8	0.5	11	58	3.2	0.04	0.2	0.7	A	MT JOHNSON
7	12	53	57.5	36-37.7	121-16.7	5.4	-0.5	10	99	4.1	0.07	0.4	1.0	B	PAICINES
7	12	58	53.5	36-32.5	121-10.6	9.3	0.1	8	94	3.8	0.05	0.4	0.8	B	BICKMORE CANYON
7	13	0	12.6	36-54.0	121-29.7	14.3	0.0	10	91	2.3	0.11	1.1	0.7	B	SAN FELIPE
7	13	0	17.0	36-53.9	121-29.4	13.9	0.7	12	77	2.6	0.14	1.0	1.2	A	SAN FELIPE
7	13	1	19.5	36-54.0	121-30.0	10.6	0.4	10	122	2.0	0.06	0.6	1.5	B	CHITTENDEN
7	13	3	11.7	36-53.9	121-30.0	9.7	0.3	9	123	2.1	0.08	0.9	2.7	B	SAN FELIPE
7	13	13	24.2	36-39.7	121-19.0	4.1	0.4	12	63	5.8	0.08	0.4	1.1	B	PAICINES
7	13	36	12.3	36-36.5	121-14.9	4.5	0.4	9	62	3.3	0.05	0.3	0.6	A	BICKMORE CANYON
7	13	46	37.7	36-37.9	121-17.1	5.3	1.1	14	54	4.7	0.08	0.3	0.9	A	PAICINES
7	13	56	34.4	36-37.4	121-16.4	4.7	0.3	9	95	9.2	0.05	0.3	1.3	B	MT JOHNSON
7	14	8	22.4	36-32.4	121-10.6	9.2	0.7	11	74	4.0	0.07	0.4	0.9	A	BICKMORE CANYON
7	15	20	18.3	36-38.1	121-17.1	5.9	1.7	18	55	4.6	0.11	0.4	1.0	A	PAICINES
7	16	9	32.5	36- 1.8	120-37.7	6.3	1.9	12	137	12.1	0.24	1.9	4.1	C	SW 1/4 PRIEST VALLEY
7	16	45	58.5	36-32.0	121- 9.9	9.8	2.1	17	72	5.1	0.10	0.4	0.9	A	BICKMORE CANYON
7	16	54	51.8	36-14.8	121-22.0	9.4	1.7	17	190	9.4	0.10	0.7	0.9	C	RELIZ CANYON
7	17	27	33.8	36-36.8	121-15.0	3.5	0.9	8	71	2.8	0.08	0.5	0.5	A	MT JOHNSON
7	18	31	34.0	37-47.8	122- 1.8	5.0	1.4	19	45	3.5	0.23	0.7	0.6	B	LAS TRAMPAS RIDGE
7	19	46	49.4	36-37.0	121-15.7	4.9	0.8	12	58	3.2	0.05	0.2	0.9	A	MT JOHNSON
7	20	6	13.8	36-37.4	121-15.6	2.4	1.1	11	56	2.7	0.10	0.4	0.5	A	MT JOHNSON
7	20	30	48.5	36-53.4	121-36.5	4.7	1.3	14	92	1.7	0.12	0.5	0.6	B	CHITTENDEN

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP	7	20	50	13.1	36-37.7	121-16.6	5.9	1.6	18	54	4.0	0.10	0.3	0.8	A	PAICINES
	7	20	50	28.5	36-37.7	121-16.5	5.6	2.8	26	54	3.8	0.11	0.3	0.5	A	PAICINES
	7	20	53	53.9	36-37.4	121-16.3	5.7	1.1	11	55	3.7	0.09	0.4	1.0	A	MT JOHNSON
	7	21	10	43.8	36-37.6	121-16.4	5.3	1.6	15	55	3.8	0.09	0.4	1.0	A	PAICINES
	7	22	2	36.3	36- 2.1	120-37.5	5.6	1.4	9	139	11.8	0.15	1.5	5.0	C	SW 1/4 PRIEST VALLEY
	7	22	21	50.2	36-37.6	121-16.5	3.9	0.8	9	103	3.8	0.05	0.3	0.3	B	PAICINES
	7	22	27	5.0	36-31.5	121- 6.6	8.9	1.0	8	132	3.5	0.09	0.7	1.2	B	SAN BENITO
	7	22	29	7.1	36-37.9	121-16.8	5.7	2.0	20	54	4.2	0.10	0.3	0.8	A	PAICINES
	8	0	28	35.5	36-38.1	121-17.3	6.0	1.7	14	55	5.0	0.10	0.4	1.1	A	PAICINES
	8	1	11	26.7	36-37.6	121-16.5	5.0	0.9	8	116	3.9	0.06	0.5	1.0	B	PAICINES
	8	3	39	48.4	36-38.1	121-16.5	3.9	1.3	12	56	3.7	0.09	0.4	0.4	A	PAICINES
	8	4	45	28.1	37-14.0	121-46.2	5.3	0.7	9	164	5.8	0.04	0.3	0.2	B	SANTA TERESA HILLS
	8	5	44	3.2	37-35.8	121-40.1	7.7	1.1	7	123	2.8	0.10	1.2	1.6	B	MENDENHALL SPRINGS
	8	6	52	58.2	36-37.0	121-15.4	4.3	0.6	10	111	3.0	0.04	0.3	0.8	B	MT JOHNSON
	8	7	50	13.3	36-39.4	121-18.0	3.9	0.9	8	64	6.5	0.06	0.4	0.4	B	PAICINES
	8	7	55	45.4	36-33.5	121-10.7	3.3	0.5	7	83	2.1	0.04	0.3	0.2	A	BICKMORE CANYON
	8	9	26	49.4	36-38.0	121-16.6	5.2	1.9	19	55	3.9	0.14	0.5	1.2	A	PAICINES
	8	9	28	47.9	36-37.7	121-16.5	6.1	1.7	16	54	3.8	0.10	0.4	0.9	A	PAICINES
	8	10	48	51.4	36-37.7	121-16.6	5.6	1.5	15	54	4.0	0.10	0.4	1.0	A	PAICINES
	8	10	50	10.4	36-37.8	121-16.6	4.8	0.3	8	100	9.9	0.05	0.4	1.4	B	PAICINES
	8	12	27	51.4	36-31.5	121- 6.7	11.2	1.5	13	70	3.6	0.08	0.4	0.8	A	SAN BENITO
	8	13	52	18.8	36-33.9	121- 6.1	8.3	1.2	9	88	6.5	0.15	1.1	2.5	B	SAN BENITO
	8	14	1	35.5	36-37.0	121-16.3	8.2	1.1	14	58	3.9	0.09	0.4	1.0	A	MT JOHNSON
	8	15	41	48.5	36-36.9	121-15.8	6.6	1.1	12	59	3.6	0.06	0.3	0.7	A	MT JOHNSON
	8	15	57	30.7	36-18.9	120-54.3	4.1	0.8	6	101	2.2	0.11	1.1	1.7	B	SW 1/4 HERNANDEZ VALLEY
	8	17	25	16.2	35-50.0	120-52.3	12.5	1.5	11	167	18.2	0.12	0.9	0.8	B	WUNPOST
	8	18	7	28.6	36-37.7	121-16.7	8.2	0.5	7	100	10.0	0.05	0.5	1.5	B	PAICINES
	8	18	49	19.7	36-19.0	120-54.2	4.3	0.8	7	94	2.4	0.11	0.8	1.7	B	SW 1/4 HERNANDEZ VALLEY
	8	19	35	52.4	36-36.7	121-15.3	4.0	0.1	11	60	3.3	0.05	0.3	0.3	A	MT JOHNSON
	8	19	43	12.6	36-31.3	121- 6.0	9.1	0.4	8	83	2.6	0.13	0.9	1.8	A	SAN BENITO
	8	20	50	44.9	36-37.9	121-17.1	6.2	1.0	8	102	4.6	0.04	0.4	0.7	B	PAICINES
	8	20	58	47.1	36-37.2	121-15.4	5.0	1.1	12	57	2.7	0.08	0.4	0.8	A	MT JOHNSON
	8	21	58	4.8	36-31.4	121- 7.2	10.3	1.8	14	62	4.2	0.09	0.4	0.7	A	SAN BENITO
	8	22	57	2.8	36-37.4	121-16.2	5.7	1.8	18	56	3.6	0.11	0.4	0.9	A	MT JOHNSON
	8	23	32	59.1	36-31.2	121- 7.4	10.3	1.7	13	58	4.4	0.09	0.5	0.9	A	SAN BENITO
	9	0	1	12.9	36-40.0	121-19.5	4.5	1.5	14	70	5.0	0.12	0.5	1.3	A	PAICINES
	9	0	31	46.6	36-38.5	121-17.5	4.8	1.7	13	58	5.3	0.09	0.4	1.1	B	PAICINES
	9	1	41	55.4	36-36.6	121-15.0	4.6	1.8	18	60	3.1	0.11	0.4	0.9	A	MT JOHNSON
	9	3	34	8.9	37-34.4	121-46.0	5.7	1.5	15	97	10.8	0.14	0.7	1.1	B	LA COSTA VALLEY
	9	3	39	56.7	36-37.7	121-16.5	6.0	1.2	14	54	3.8	0.08	0.3	0.8	A	PAICINES
	9	3	42	16.8	36-32.7	121-10.9	8.0	1.2	11	72	3.5	0.07	0.4	0.7	A	BICKMORE CANYON
	9	3	54	15.1	36-37.0	121-15.9	6.3	1.8	21	58	3.5	0.10	0.3	0.8	A	MT JOHNSON
	9	4	22	55.9	36-47.0	121-24.8	10.8	0.9	11	77	3.5	0.10	0.6	1.0	A	HOLLISTER
	9	4	54	50.3	36-36.6	121-15.5	5.9	0.6	9	86	3.5	0.05	0.3	0.9	A	MT JOHNSON
	9	8	38	59.4	36-36.4	121-14.9	5.9	0.4	9	61	3.4	0.02	0.1	0.2	A	BICKMORE CANYON

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 9	9	16	11.2	36-38.0	121-17.2	5.6	1.3	15	55	4.8	0.08	0.3	0.9	A	PAICINES
9	9	58	29.7	36-36.3	121-14.9	6.1	0.3	7	119	6.3	0.03	0.2	0.7	B	BICKMORE CANYON
9	14	3	35.3	36-37.8	121-15.8	2.9	0.7	8	103	2.7	0.04	0.4	1.7	B	PAICINES
9	14	31	51.5	36-23.4	121- 0.6	6.3	2.1	16	100	3.9	0.16	0.7	1.6	B	NE 1/4 GREENFIELD
9	15	24	29.8	36-37.6	121-15.8	3.4	1.0	8	60	2.8	0.09	0.6	0.5	A	PAICINES
9	20	4	6.9	36-26.1	121- 2.3	0.1	2.0	10	106	2.2	0.10	0.5	0.5	B	NE 1/4 GREENFIELD
10	0	46	47.7	36-31.8	121-10.0	10.0	1.0	11	80	5.4	0.08	0.5	1.0	A	BICKMORE CANYON
10	4	50	30.9	36-38.0	121-15.5	5.0	1.3	9	55	2.2	0.07	0.4	0.8	A	PAICINES
10	7	2	57.0	36-37.7	121-16.6	6.4	1.3	13	54	3.9	0.07	0.3	0.7	A	PAICINES
10	8	9	11.0	36-38.1	121-16.9	5.7	1.5	15	55	4.3	0.10	0.4	1.0	A	PAICINES
10	9	35	4.2	36-54.0	121-15.8	4.8	1.5	16	156	4.4	0.12	0.6	0.5	B	THREE SISTERS
10	9	46	41.2	36-33.3	121-11.7	8.2	1.2	12	69	2.4	0.07	0.3	0.7	A	BICKMORE CANYON
10	10	23	32.9	36-37.5	121-16.0	8.7	0.8	10	55	3.2	0.08	0.5	1.1	A	PAICINES
10	14	29	0.5	36-32.9	121-10.9	9.3	0.6	8	89	3.0	0.06	0.5	0.9	A	BICKMORE CANYON
10	15	2	29.2	36-26.1	121- 2.1	0.0	1.3	9	107	2.0	0.08	0.5	0.4	B	NE 1/4 GREENFIELD
10	15	27	33.0	36-37.2	121-16.0	5.4	0.7	11	57	3.4	0.04	0.2	0.5	A	MT JOHNSON
10	15	49	35.7	36-34.0	121-12.6	7.8	0.6	9	144	2.0	0.08	0.7	0.9	B	BICKMORE CANYON
10	15	50	51.0	36-36.5	121-14.9	6.3	0.9	9	118	3.3	0.07	0.5	1.0	B	BICKMORE CANYON
10	15	51	44.6	36-34.4	121- 3.9	11.9	0.3	8	104	4.1	0.09	1.1	1.9	B	SAN BENITO
10	17	31	12.8	36-46.2	121-16.7	6.0	1.1	15	91	8.9	0.08	0.3	1.9	B	TRES PINOS
10	18	41	40.8	36-37.0	121-16.1	5.0	0.5	10	92	3.7	0.04	0.2	0.7	B	MT JOHNSON
10	19	23	37.5	36-37.0	121-15.6	5.7	1.2	17	58	3.0	0.09	0.3	0.8	A	MT JOHNSON
10	19	34	19.0	36-37.6	121-16.6	4.2	0.6	10	69	4.0	0.05	0.3	0.9	A	PAICINES
10	20	26	18.7	37- 3.6	121-28.4	9.7	0.1	9	143	3.9	0.09	0.7	1.2	B	GILROY HOT SPRINGS
10	20	48	53.2	36-37.7	121-16.5	5.7	0.7	11	54	3.8	0.06	0.3	0.8	A	PAICINES
10	23	41	4.5	37- 9.2	121-31.1	8.0	1.5	21	122	9.0	0.13	0.5	1.6	B	MT SIZER
11	1	18	54.1	36-32.2	121- 8.4	5.8	0.8	11	134	6.1	0.13	0.7	1.8	B	BICKMORE CANYON
11	2	37	2.0	36-37.7	121-16.4	4.2	0.8	12	54	3.7	0.08	0.3	0.9	A	PAICINES
11	2	37	8.5	36-34.1	121-12.0	5.3	2.2	22	66	1.2	0.13	0.4	0.5	A	BICKMORE CANYON
11	3	38	29.0	36-53.3	121-33.5	6.1	2.0	20	39	2.9	0.10	0.4	0.5	A	CHITTENDEN
11	4	0	28.2	36-37.0	121-15.8	5.3	1.1	11	58	3.3	0.06	0.3	0.8	A	MT JOHNSON
11	6	7	56.3	36-34.1	121-11.8	5.2	0.9	12	66	1.1	0.05	0.2	0.4	A	BICKMORE CANYON
11	7	59	56.6	36-53.5	121- 6.4	0.1	1.1	10	210	11.4	0.10	1.0	0.8	C	LOS BANOS VALLEY
11	8	57	9.6	36-33.4	121-15.6	10.5	1.5	18	87	6.6	0.10	0.4	0.9	A	MT JOHNSON
11	9	23	29.6	36-35.9	121-13.2	3.9	0.5	8	75	3.7	0.07	0.5	0.5	A	BICKMORE CANYON
11	9	59	23.4	36-34.1	121-11.9	5.6	2.4	26	66	1.1	0.12	0.4	0.5	A	BICKMORE CANYON
11	10	12	48.9	37-44.9	122- 9.3	5.3	0.9	10	64	4.1	0.09	0.6	0.6	A	SAN LEANDRO
11	13	9	13.5	36-36.8	121-15.3	5.9	2.0	22	59	3.1	0.14	0.4	1.0	A	MT JOHNSON
11	16	53	5.6	36-33.5	121-17.5	4.4	1.6	13	58	5.3	0.09	0.4	1.2	B	PAICINES
11	17	24	45.4	36-37.6	121-16.2	4.1	0.9	11	55	3.4	0.07	0.4	0.9	A	PAICINES
11	18	10	51.6	36-41.0	121-19.4	12.8	1.0	10	67	3.4	0.08	0.5	1.2	A	PAICINES
11	20	17	8.5	36-38.2	121-17.0	4.0	1.1	11	56	4.5	0.08	0.4	1.3	A	PAICINES
11	22	38	11.0	36-37.9	121-17.2	8.2	1.1	9	74	4.8	0.07	0.5	0.9	A	PAICINES
11	22	42	27.4	36-38.5	121-17.6	5.9	1.6	13	58	5.5	0.09	0.4	1.0	A	PAICINES
12	0	5	45.1	37-48.3	122-11.1	6.7	0.9	10	70	2.7	0.08	0.5	0.4	A	OAKLAND EAST

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 12	3	54	54.3	36-25.9	120-43.6	8.9	1.3	6	251	10.6	0.06	1.8	2.0	C	NW 1/4 NEW IDRIA
12	6	16	12.7	37- 8.3	121-31.3	10.3	1.0	10	117	8.2	0.06	0.4	0.8	B	MT SIZER
12	8	42	31.7	36-54.5	121-24.2	5.8	0.2	8	75	5.7	0.08	0.7	2.8	B	SAN FELIPE
12	14	22	38.1	36-36.9	121-15.8	5.2	1.2	11	59	3.4	0.05	0.3	0.5	A	MT JOHNSON
12	15	27	41.9	36-36.0	121-14.0	4.0	1.5	12	62	3.8	0.09	0.4	0.5	A	BICKMORE CANYON
12	15	40	33.2	36-37.2	121-16.4	7.3	1.9	20	57	4.0	0.10	0.3	0.7	A	MT JOHNSON
12	17	14	25.1	36-37.9	121-16.2	2.8	0.9	10	54	3.2	0.09	0.4	0.4	A	PAICINES
12	17	31	36.0	36-37.1	121-15.8	4.9	0.7	10	58	3.2	0.05	0.3	0.9	A	MT JOHNSON
12	17	32	38.3	36-38.4	121-14.8	2.8	1.4	8	91	1.4	0.07	0.5	0.4	B	CHERRY PEAK
12	21	26	49.0	36-32.1	121-10.2	9.6	0.3	7	100	4.7	0.07	0.7	1.3	B	BICKMORE CANYON
12	22	29	29.5	35-49.3	121-23.3	10.2	2.0	12	254	35.2	0.15	4.2	1.3	D	VILLA CREEK
12	23	38	21.3	36-37.1	121-15.6	5.0	1.7	17	58	3.0	0.11	0.4	0.8	A	MT JOHNSON
12	23	44	17.8	36-38.8	121-17.9	5.8	2.5	27	60	5.9	0.15	0.4	0.7	B	PAICINES
12	23	53	46.3	36-38.8	121-17.9	3.9	1.1	12	66	6.0	0.09	0.4	0.4	B	PAICINES
13	0	53	11.1	36-27.3	121- 3.2	6.8	0.8	9	112	4.7	0.16	1.1	2.2	B	NE 1/4 GREENFIELD
13	1	33	10.0	37-50.4	121-46.8	11.7	1.2	6	209	3.8	0.05	1.0	1.1	C	TASSAJARA
13	5	1	50.3	36-38.9	121-17.8	4.4	0.3	9	61	7.9	0.11	0.6	2.5	B	PAICINES
13	6	0	48.4	36-36.8	121-15.3	5.6	1.3	12	75	3.2	0.07	0.3	0.7	A	MT JOHNSON
13	6	12	18.4	35-58.6	120-35.5	0.6	1.5	6	163	11.2	0.06	1.0	0.8	B	STOCKDALE MTN
13	6	26	23.0	37- 0.6	121-41.9	12.4	0.6	9	80	3.8	0.05	0.5	1.1	A	MT MADONNA
13	6	34	24.0	36-47.7	121-20.2	5.5	0.7	11	89	9.1	0.11	0.6	3.9	B	TRES PINOS
13	7	2	17.0	36-37.4	121-16.5	5.6	0.7	11	56	3.9	0.05	0.2	0.6	A	MT JOHNSON
13	10	43	2.3	36-34.6	121-12.6	4.5	0.3	10	96	1.9	0.03	0.2	0.3	B	BICKMORE CANYON
13	14	53	28.3	37-33.0	121-56.0	5.0	0.6	8	120	6.4	0.15	1.0	0.8	B	NILES
13	15	58	36.7	37-49.9	121-53.6	4.1	0.8	6	128	7.0	0.04	0.2	0.3	B	DIABLO
13	16	8	13.5	36-51.5	121-18.6	5.1	0.9	15	105	2.9	0.14	0.7	1.5	B	TRES PINOS
13	16	48	47.9	36-33.9	121-11.6	5.5	0.5	8	119	1.2	0.03	0.3	0.4	B	BICKMORE CANYON
13	21	39	43.8	37- 7.8	121-31.1	8.1	0.7	8	183	7.4	0.09	1.0	2.1	C	MT SIZER
13	22	36	36.3	36-37.4	121-15.8	4.5	1.6	19	56	2.9	0.11	0.4	0.5	A	MT JOHNSON
13	22	37	4.0	36-32.5	121-10.6	8.1	1.2	12	74	3.9	0.07	0.4	0.8	A	BICKMORE CANYON
14	1	23	6.1	36-29.4	121- 6.1	1.9	1.2	8	142	3.2	0.11	0.8	0.6	B	NE 1/4 GREENFIELD
14	1	27	16.3	36-47.1	121-29.7	3.9	1.0	13	65	3.5	0.16	0.9	1.0	B	HOLLISTER
14	3	54	3.9	36-38.1	121-17.0	5.4	1.9	19	56	4.5	0.13	0.4	1.1	A	PAICINES
14	4	30	5.2	36-37.8	121-15.0	5.3	1.0	8	96	1.6	0.10	0.7	1.2	B	PAICINES
14	4	50	13.0	36-38.1	121-14.1	6.9	1.0	10	108	0.1	0.15	1.0	1.5	B	CHERRY PEAK
14	4	59	49.3	36-37.8	121-15.0	5.4	1.0	8	140	1.7	0.10	0.8	1.2	B	PAICINES
14	9	3	31.7	36-33.1	121- 5.9	9.1	0.7	8	114	5.0	0.11	1.0	2.1	B	SAN BENITO
14	10	0	45.5	36-45.4	121-22.9	4.7	1.0	14	58	5.7	0.18	0.7	1.5	B	HOLLISTER
14	10	23	1.6	36-37.9	121-16.9	5.6	0.6	10	54	4.3	0.05	0.3	0.6	A	PAICINES
14	10	32	47.8	36-35.1	121- 7.0	11.0	0.8	9	73	6.6	0.07	0.6	1.3	A	SAN BENITO
14	11	5	9.2	37-23.4	121-44.2	6.1	2.2	33	83	3.9	0.14	0.4	0.5	A	MT DAY
14	12	35	2.4	36-41.2	121-19.6	14.3	1.1	12	66	3.0	0.07	0.4	0.9	A	PAICINES
14	14	43	39.2	37-23.2	121-36.4	7.9	0.7	6	128	7.8	0.09	1.1	3.6	B	EYLAR MTN
14	15	46	18.9	36-25.0	121- 2.4	7.4	1.0	10	131	2.2	0.09	0.6	1.1	B	NE 1/4 GREENFIELD
14	16	22	59.6	36-28.8	121- 4.8	3.8	0.7	8	115	3.4	0.09	0.7	0.7	B	NE 1/4 GREENFIELD

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 14	17	25	51.6	36-33.2	121- 9.1	9.1	1.5	15	68	4.1	0.09	0.4	0.8	A	BICKMORE CANYON
14	18	12	56.3	36-36.5	121-15.2	4.6	2.0	21	61	3.4	0.16	0.5	1.2	B	MT JOHNSON
14	19	0	49.9	36-36.5	121-14.0	1.9	1.5	14	59	2.9	0.09	0.3	0.3	A	BICKMORE CANYON
14	19	33	10.4	36-35.6	121-13.8	5.7	2.9	31	65	4.2	0.13	0.3	0.4	A	BICKMORE CANYON
14	20	20	31.3	36-25.6	121- 2.7	5.6	1.7	11	126	2.4	0.13	0.8	1.3	B	NE 1/4 GREENFIELD
14	23	36	2.1	36-26.6	121- 2.5	11.2	1.1	9	115	3.0	0.08	0.6	1.0	B	NE 1/4 GREENFIELD
15	0	5	28.3	37-25.1	122-13.0	1.9	1.6	11	134	3.9	0.15	0.7	0.5	B	PALO ALTO
15	0	11	16.0	36-38.0	121-16.7	4.0	1.6	13	55	4.0	0.10	0.5	0.5	A	PAICINES
15	2	54	34.8	37-13.9	121-26.4	14.4	1.0	12	178	19.1	0.18	1.5	1.3	C	MISSISSIPPI CREEK
15	9	52	50.4	36-39.0	121-18.0	4.5	0.9	11	61	6.2	0.06	0.3	0.9	B	PAICINES
15	13	31	47.0	36-35.7	121-14.0	4.5	1.1	12	64	4.4	0.08	0.4	0.9	A	BICKMORE CANYON
15	17	23	10.5	36-27.8	121- 4.8	5.6	1.4	16	94	5.1	0.11	0.4	1.1	B	NE 1/4 GREENFIELD
15	17	53	23.7	36-35.6	121-13.7	5.2	1.7	15	64	4.1	0.06	0.2	0.5	A	BICKMORE CANYON
15	17	54	6.4	36-37.6	121-16.5	5.3	0.7	10	98	3.9	0.06	0.3	0.8	B	PAICINES
15	17	58	15.7	36-37.8	121-16.5	4.1	1.1	12	93	3.8	0.07	0.3	0.9	A	PAICINES
15	18	5	35.2	36-37.3	121-15.7	4.2	1.4	11	57	2.9	0.07	0.3	0.7	A	MT JOHNSON
15	18	8	46.8	36-37.3	121-15.7	4.4	0.4	8	136	2.9	0.07	0.6	1.0	B	MT JOHNSON
15	18	31	15.1	36-37.6	121-16.4	6.1	2.1	21	55	3.8	0.10	0.3	0.8	A	PAICINES
15	18	41	41.8	37- 1.6	121-28.2	4.4	1.2	11	65	1.2	0.11	0.5	0.9	A	GILROY HOT SPRINGS
15	19	20	9.5	36-51.0	121-34.6	4.7	1.4	14	63	4.0	0.14	0.6	0.8	A	SAN JUAN BAUTISTA
15	19	33	54.0	36-31.5	121- 6.1	8.2	0.7	8	82	2.9	0.11	0.9	1.9	A	SAN BENITO
15	22	58	46.1	37-22.7	122-15.9	7.6	1.5	11	89	4.4	0.08	0.5	0.8	A	WOODSIDE
15	23	26	26.1	36-42.3	121-21.7	2.7	1.1	10	75	1.7	0.14	0.9	0.6	A	PAICINES
16	2	48	55.9	36-42.9	121- 6.5	3.6	1.1	7	187	6.0	0.08	0.8	1.6	C	PANOCHE PASS
16	3	52	40.3	36-38.6	121-17.9	4.6	1.1	11	58	5.8	0.08	0.4	1.1	B	PAICINES
16	6	20	37.2	35-59.0	120-34.8	1.7	1.9	8	141	10.4	0.12	1.1	1.0	C	STOCKDALE MTN
16	6	21	20.4	35-58.7	120-34.8	1.7	2.1	7	140	10.2	0.12	1.3	1.1	C	STOCKDALE MTN
16	6	58	35.8	36-58.0	121-38.7	5.4	0.7	12	65	4.2	0.09	0.5	1.1	A	WATSONVILLE EAST
16	7	8	45.6	35-58.6	120-35.0	1.4	1.7	7	139	10.4	0.09	1.0	0.9	C	STOCKDALE MTN
16	7	21	35.7	36-38.7	121-17.7	4.0	1.3	12	60	5.6	0.10	0.4	1.4	B	PAICINES
16	7	36	51.8	35-58.8	120-35.2	1.3	1.8	8	139	10.8	0.11	1.1	1.0	C	STOCKDALE MTN
16	8	25	54.7	36-34.9	121-12.1	3.0	1.4	14	63	1.4	0.08	0.3	0.3	A	BICKMORE CANYON
16	8	27	8.1	36-37.5	121-16.3	5.9	1.0	12	55	3.6	0.07	0.3	0.7	A	PAICINES
16	10	18	50.7	36-33.1	121-11.0	8.3	0.4	8	80	2.6	0.09	0.7	1.3	A	BICKMORE CANYON
16	10	21	17.0	36-38.3	121-15.5	8.2	0.6	10	58	2.3	0.09	0.6	1.5	A	PAICINES
16	12	31	6.8	36-35.9	121-13.8	4.4	0.6	9	70	4.1	0.07	0.4	0.9	A	BICKMORE CANYON
16	12	45	53.1	37-23.0	122-16.6	8.1	0.7	10	135	3.8	0.14	1.1	1.8	C	WOODSIDE
16	18	9	27.6	36-36.4	121-14.7	5.3	2.1	22	61	3.4	0.12	0.4	0.5	A	BICKMORE CANYON
17	1	33	37.0	36-36.6	121-14.3	2.0	1.0	7	111	2.8	0.07	0.4	0.4	B	BICKMORE CANYON
17	1	57	15.3	36-22.7	120-57.7	12.0	0.7	8	121	7.2	0.09	1.0	1.7	B	NW 1/4 HERNANDEZ VALLEY
17	2	31	37.1	36-33.3	121- 9.3	10.1	1.3	10	69	3.7	0.14	0.9	1.9	A	BICKMORE CANYON
17	4	20	55.3	37-31.1	121-35.1	5.5	1.1	9	194	9.6	0.12	1.0	0.7	C	CEDAR MTN
17	5	21	35.1	36-38.5	121-17.6	6.0	1.7	17	58	5.4	0.10	0.3	0.9	A	PAICINES
17	7	10	14.5	36-37.8	121-16.9	7.8	0.6	10	71	4.4	0.09	0.5	1.2	A	PAICINES
17	9	33	4.4	36-23.8	121- 0.7	5.5	1.2	13	102	3.2	0.12	0.6	1.2	B	NE 1/4 GREENFIELD

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 17	10	15	22.3	36-37.6	121-16.3	5.0	0.4	8	143	3.5	0.06	0.6	1.2	B	PAICINES
17	10	34	4.4	36-37.8	121-16.4	5.1	1.5	15	53	3.7	0.09	0.4	0.5	A	PAICINES
17	14	1	50.8	36-43.0	121- 6.6	3.3	0.8	8	186	6.2	0.11	1.0	0.9	C	PANOCHE PASS
17	19	31	27.7	36-37.5	121-15.9	2.6	0.9	8	99	3.1	0.05	0.3	0.4	B	PAICINES
18	0	44	57.3	36-30.7	121- 8.6	6.8	0.9	9	147	6.1	0.07	0.5	1.1	B	BICKMORE CANYON
18	1	32	27.9	36-37.4	121-16.2	4.8	0.9	11	56	3.5	0.08	0.4	0.9	A	MT JOHNSON
18	3	27	28.6	36-38.5	121-17.6	4.5	1.3	14	58	5.5	0.08	0.3	1.1	B	PAICINES
18	3	32	59.2	36-32.0	121-10.0	9.2	2.1	21	64	5.0	0.13	0.5	0.9	A	BICKMORE CANYON
18	3	34	2.3	36-26.3	121- 3.8	6.9	1.6	16	97	4.4	0.10	0.5	1.0	B	NE 1/4 GREENFIELD
18	3	57	49.2	37-33.0	121-35.3	6.6	1.1	8	210	6.5	0.09	1.0	0.7	C	CEDAR MTN
18	4	22	8.7	36-37.4	121-16.1	5.9	2.5	26	56	3.3	0.15	0.4	0.6	A	MT JOHNSON
18	4	23	10.5	36-37.6	121-16.0	5.1	2.0	20	54	3.1	0.11	0.4	0.5	A	PAICINES
18	4	30	26.9	35-51.0	120-24.0	3.7	1.5	6	131	3.6	0.05	0.4	0.3	B	CHOLAME HILLS
18	4	43	19.2	36-36.5	121-14.9	6.0	2.1	19	61	3.3	0.11	0.4	0.8	A	BICKMORE CANYON
18	4	58	46.5	36-36.3	121-14.7	4.8	0.9	11	62	3.5	0.06	0.3	0.6	A	BICKMORE CANYON
18	5	7	26.7	36-26.4	121- 3.5	6.9	0.2	8	120	4.1	0.07	0.6	1.1	B	NE 1/4 GREENFIELD
18	6	50	31.3	36- 0.2	120-35.9	3.2	1.8	9	134	12.9	0.14	1.7	2.0	C	SE 1/4 PRIEST VALLEY
18	8	16	41.5	36-26.3	121- 3.4	6.0	1.1	13	100	3.8	0.10	0.5	1.1	B	NE 1/4 GREENFIELD
18	8	41	46.5	36-58.3	121-38.8	4.4	1.9	25	57	4.7	0.13	0.4	0.4	A	WATSONVILLE EAST
18	12	37	49.5	36-37.4	121-15.6	4.3	0.9	9	104	2.7	0.06	0.4	0.8	B	MT JOHNSON
18	12	40	9.8	36-31.2	121- 8.9	9.0	0.6	8	83	6.6	0.06	0.5	1.0	A	BICKMORE CANYON
18	13	36	22.8	36-36.5	121-15.0	6.2	2.7	31	61	3.3	0.12	0.3	0.5	A	MT JOHNSON
18	14	59	11.3	36-26.3	121- 3.7	6.8	0.9	10	122	4.3	0.10	0.6	1.2	B	NE 1/4 GREENFIELD
18	15	13	38.4	36-29.1	121- 7.2	8.9	0.9	9	110	4.8	0.10	0.7	1.3	B	NE 1/4 GREENFIELD
18	15	51	56.3	36-26.1	121- 3.5	6.6	1.1	12	123	3.8	0.10	0.6	1.2	B	NE 1/4 GREENFIELD
18	18	51	2.0	37-16.6	121-37.7	7.6	1.0	11	83	4.5	0.07	0.3	1.3	A	LICK OBSERVATORY
18	21	40	48.3	36-31.2	121- 8.7	8.0	1.3	8	86	6.3	0.08	0.5	1.2	A	BICKMORE CANYON
19	0	29	9.6	36-31.2	121- 8.7	9.4	1.6	11	57	6.3	0.07	0.4	0.9	A	BICKMORE CANYON
19	1	10	48.3	35-50.5	121-17.3	5.0	2.5	19	234	28.9	0.17	1.8	1.1	C	BURRO MTN
19	1	18	34.1	36- 1.7	120-37.6	5.0	1.6	9	137	12.3	0.24	3.0	2.5	C	SW 1/4 PRIEST VALLEY
19	1	29	5.6	37- 7.7	121-31.3	5.2	2.5	38	63	7.6	0.17	0.5	0.5	B	MT SIZER
19	2	46	13.0	37-20.5	122-21.1	3.4	1.1	9	163	1.1	0.13	1.1	0.3	C	LA HONDA
19	4	12	22.2	36-26.9	121- 3.9	6.2	0.4	9	110	5.1	0.09	0.6	1.3	B	NE 1/4 GREENFIELD
19	5	23	20.8	36-32.9	121-11.1	7.7	1.6	13	67	3.0	0.06	0.3	0.6	A	BICKMORE CANYON
19	6	13	31.5	36-27.3	121- 4.4	5.7	1.0	11	96	6.0	0.09	0.5	1.3	B	NE 1/4 GREENFIELD
19	7	7	57.1	36-31.8	121- 9.2	6.3	0.5	8	81	6.0	0.07	0.4	1.1	A	BICKMORE CANYON
19	7	51	18.6	37- 2.2	121-44.6	12.1	2.0	33	39	6.1	0.14	0.4	0.5	A	MT MADONNA
19	9	55	54.5	36-37.7	121-16.7	7.0	0.8	12	54	4.1	0.07	0.3	0.7	A	PAICINES
19	11	2	59.0	37- 6.8	121-30.3	5.9	1.2	22	115	5.5	0.14	0.5	1.4	B	GILROY
19	11	11	20.3	36-36.4	121-14.9	6.8	2.3	22	61	3.3	0.11	0.3	0.7	A	BICKMORE CANYON
19	13	37	17.6	36-37.5	121-16.3	4.3	0.6	11	55	3.6	0.06	0.3	0.7	A	MT JOHNSON
19	20	19	31.3	36-59.8	122-13.8	8.3	1.9	15	187	11.9	0.14	1.0	2.0	C	***OFFSHORE - MONTEREY B
19	22	44	0.3	36-37.8	121-16.7	5.3	1.6	15	53	4.0	0.11	0.5	1.0	A	PAICINES
20	0	56	57.4	36-31.5	121- 6.4	8.4	0.5	9	82	3.3	0.11	0.7	1.4	A	SAN BENITO
20	1	23	50.4	36-55.9	121-32.8	3.9	1.3	13	61	3.8	0.09	0.4	0.8	A	CHITTENDEN

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 20	6	17	54.8	36-39.6	121-19.2	7.2	0.7	9	61	5.9	0.09	0.6	1.4	A	PAICINES
20	6	43	15.0	35-58.8	120-34.6	2.4	1.8	9	141	10.0	0.14	1.3	0.7	C	STOCKDALE MTN
20	8	4	33.6	36-31.3	121- 6.6	8.5	0.3	8	109	3.4	0.09	0.7	1.4	B	SAN BENITO
20	8	46	8.6	36- 1.5	120-35.4	1.6	1.5	8	172	13.7	0.09	1.5	0.8	C	SE 1/4 PRIEST VALLEY
20	10	33	50.0	36-31.3	121- 6.7	8.1	1.1	9	107	3.6	0.10	0.7	1.4	B	SAN BENITO
20	10	58	26.5	36-35.4	121- 7.4	9.9	1.3	11	136	6.1	0.13	0.8	1.5	B	SAN BENITO
20	15	48	16.2	35-58.3	120-35.4	1.3	1.7	7	135	10.8	0.07	0.8	0.7	B	STOCKDALE MTN
20	17	15	29.8	36- 0.0	120-35.7	3.7	1.7	9	145	12.4	0.11	6.5	11.1	D	SE 1/4 PRIEST VALLEY
20	22	46	39.5	36-32.8	121-11.1	8.9	1.4	13	71	3.3	0.09	0.4	0.9	A	BICKMORE CANYON
21	0	38	13.9	36-27.5	121- 4.3	6.5	2.2	17	97	5.8	0.10	0.4	1.0	B	NE 1/4 GREENFIELD
21	0	48	1.7	36-27.3	121- 4.4	5.5	1.5	16	95	6.0	0.09	0.4	1.1	B	NE 1/4 GREENFIELD
21	1	45	0.7	36-32.9	121-10.8	8.4	0.8	9	90	3.2	0.08	0.5	1.1	A	BICKMORE CANYON
21	1	57	34.2	37-14.1	121-38.5	8.4	2.1	24	86	3.7	0.09	0.3	0.6	A	MORGAN HILL
21	2	11	26.9	37-14.2	121-38.2	7.2	1.4	10	97	3.9	0.08	0.5	0.9	B	MORGAN HILL
21	2	14	3.9	36-27.3	121- 4.3	5.3	1.0	11	97	5.9	0.09	0.5	1.3	B	NE 1/4 GREENFIELD
21	3	47	7.0	36-31.1	121- 7.6	9.8	1.7	14	92	4.8	0.08	0.4	0.7	B	BICKMORE CANYON
21	4	6	56.8	36-55.7	121-32.6	4.2	1.2	11	61	3.4	0.09	0.5	0.5	A	CHITTENDEN
21	6	27	45.7	36-37.2	121-15.3	5.1	0.7	10	58	2.6	0.08	0.4	1.2	A	MT JOHNSON
21	7	24	51.5	36-25.9	121- 2.5	0.2	1.4	8	122	2.2	0.15	0.6	0.5	B	NE 1/4 GREENFIELD
21	9	8	35.8	36-25.5	121- 2.8	5.5	1.6	13	87	2.6	0.12	0.6	1.1	A	NE 1/4 GREENFIELD
21	10	21	25.6	36-59.4	121-39.3	5.3	1.6	16	60	5.4	0.17	0.7	1.0	B	WATSONVILLE EAST
21	11	17	0.5	35-58.7	120-34.1	3.3	2.2	10	131	9.3	0.12	0.9	0.5	B	STOCKDALE MTN
21	12	1	58.4	36-37.3	121-16.1	5.5	2.0	20	57	3.4	0.12	0.4	0.6	A	MT JOHNSON
21	12	5	59.0	36-36.9	121-15.0	5.4	0.6	8	84	2.6	0.05	0.3	0.7	A	BICKMORE CANYON
21	14	48	36.7	36-34.5	121-12.6	3.8	1.1	9	71	1.9	0.05	0.3	0.3	A	BICKMORE CANYON
21	15	20	54.1	36-38.0	121-16.7	5.1	1.4	12	91	4.1	0.11	0.5	1.3	B	PAICINES
21	15	42	54.8	36-36.7	121-15.4	6.0	1.4	11	60	3.3	0.07	0.3	1.1	A	MT JOHNSON
21	19	5	3.9	36-25.8	121- 2.3	3.4	1.5	14	85	1.9	0.10	0.5	0.5	A	NE 1/4 GREENFIELD
21	19	55	24.0	36-50.5	121-34.5	4.0	1.7	11	55	4.8	0.16	1.0	0.9	B	SAN JUAN BAUTISTA
22	4	26	51.5	37-18.5	122- 4.4	5.5	0.8	14	77	3.2	0.17	0.8	0.9	B	CUPERTINO
22	6	51	55.9	36-25.5	121- 2.7	5.0	1.6	13	87	2.4	0.09	0.5	0.9	A	NE 1/4 GREENFIELD
22	8	16	29.8	36-34.7	121-12.1	2.9	1.9	17	64	1.2	0.14	0.5	0.5	A	BICKMORE CANYON
22	13	52	45.2	36-32.7	121-10.7	7.1	1.8	17	66	3.5	0.09	0.3	0.7	A	BICKMORE CANYON
22	15	55	14.3	37-16.0	121-37.7	4.6	2.2	34	86	4.0	0.10	0.3	0.2	A	LICK OBSERVATORY
22	19	55	16.0	36-56.9	121-42.1	12.0	0.9	14	78	0.7	0.06	0.4	0.6	A	WATSONVILLE EAST
22	20	27	45.7	36-43.1	121- 6.2	4.9	1.6	10	191	6.4	0.08	0.6	0.6	C	PANOCHE PASS
22	20	36	41.6	36-39.5	121- 1.3	5.1	1.9	12	191	6.6	0.18	1.4	1.0	C	PANOCHE PASS
22	20	39	20.4	36-57.1	121-41.9	12.1	0.7	9	124	0.4	0.06	0.5	0.9	B	WATSONVILLE EAST
22	20	43	36.4	36-42.7	121- 6.5	3.8	1.6	9	186	5.7	0.20	1.7	1.4	C	PANOCHE PASS
23	1	6	14.4	35-53.5	120-27.1	9.2	1.6	7	106	3.6	0.10	1.1	1.8	B	PARKFIELD
23	5	3	0.5	36-29.2	121-30.6	6.7	1.3	9	197	12.5	0.09	1.0	1.8	C	RANA CREEK
23	5	27	1.6	35-58.3	120-35.4	0.7	1.4	7	136	10.8	0.08	1.0	0.8	B	STOCKDALE MTN
23	7	51	20.7	36-37.0	121-15.1	4.1	1.4	11	59	2.6	0.09	0.4	0.9	A	MT JOHNSON
23	8	48	58.5	36-38.0	121-17.3	8.3	0.7	8	74	4.9	0.03	0.1	0.4	A	PAICINES
23	10	35	9.2	36-48.5	121-32.5	6.3	3.1	38	39	3.1	0.16	0.4	0.5	B	SAN JUAN BAUTISTA

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 23	10	45	4.1	36-48.5	121-32.5	6.2	3.5R	44	40	3.1	0.16	0.4	0.4	B	SAN JUAN BAUTISTA
23	10	48	12.4	36-48.3	121-32.4	6.3	3.5R	43	38	3.2	0.16	0.4	0.5	B	SAN JUAN BAUTISTA
23	10	56	25.6	36-48.0	121-31.9	6.1	4.0R	42	38	3.8	0.17	0.4	0.5	B	SAN JUAN BAUTISTA
23	10	58	27.6	36-48.0	121-31.2	4.4	2.7	24	37	4.8	0.13	0.4	0.5	A	SAN JUAN BAUTISTA
23	11	2	49.9	36-47.8	121-31.0	4.2	0.5	10	69	5.1	0.09	0.5	0.6	B	SAN JUAN BAUTISTA
23	11	8	3.3	36-48.5	121-32.2	5.1	0.4	10	82	3.6	0.09	0.7	1.4	A	SAN JUAN BAUTISTA
23	11	11	40.7	36-48.2	121-32.1	5.8	0.9	13	61	3.5	0.09	0.5	1.1	A	SAN JUAN BAUTISTA
23	13	38	0.3	36-47.8	121-31.2	4.3	0.4	11	70	4.8	0.10	0.7	0.6	A	SAN JUAN BAUTISTA
23	15	7	48.2	36-47.6	121-31.6	6.8	4.1R	47	39	4.3	0.19	0.4	0.7	B	SAN JUAN BAUTISTA
23	15	19	44.9	36-47.3	121-30.8	5.0	1.1	16	77	4.4	0.12	0.5	1.1	A	SAN JUAN BAUTISTA
23	15	35	4.2	36-37.0	121-15.8	6.6	0.5	8	68	8.2	0.04	0.3	1.0	B	MT JOHNSON
23	15	50	1.6	36-47.4	121-31.0	6.4	2.4	26	39	4.7	0.14	0.4	0.6	A	SAN JUAN BAUTISTA
23	16	22	4.4	36-47.2	121-30.2	5.8	0.7	8	172	3.9	0.11	1.1	1.3	C	SAN JUAN BAUTISTA
23	16	29	28.8	36-48.5	121-32.0	4.9	1.7	23	42	3.8	0.16	0.5	0.7	B	SAN JUAN BAUTISTA
23	17	46	0.4	36-47.3	121-30.9	4.9	0.9	16	79	4.3	0.17	0.7	1.5	B	SAN JUAN BAUTISTA
23	21	35	17.7	36-38.4	121-17.7	8.8	0.7	9	93	5.5	0.10	0.7	1.5	B	PAICINES
23	21	44	30.2	36-47.4	121-30.6	6.0	2.0	25	40	4.3	0.17	0.5	0.8	B	SAN JUAN BAUTISTA
24	1	13	28.0	36-37.3	121-15.8	5.3	2.2	21	57	3.1	0.12	0.4	0.7	A	MT JOHNSON
24	2	26	28.5	36-32.1	121- 9.6	5.3	2.1	14	62	5.2	0.10	0.4	1.2	A	BICKMORE CANYON
24	3	1	15.8	36-48.1	121-31.4	4.8	1.5	21	37	4.6	0.15	0.4	0.7	A	SAN JUAN BAUTISTA
24	4	32	45.4	36-31.3	121- 7.7	8.9	0.3	7	94	4.8	0.07	0.6	1.5	B	BICKMORE CANYON
24	6	13	13.4	36-47.6	121-30.9	5.3	1.0	14	73	4.9	0.11	0.4	0.9	A	SAN JUAN BAUTISTA
24	7	0	52.5	36-27.5	121- 4.3	7.0	2.0	20	79	5.8	0.15	0.5	1.2	A	NE 1/4 GREENFIELD
24	7	33	19.9	36-38.4	121-17.5	8.6	1.9	19	57	5.3	0.10	0.4	0.8	A	PAICINES
24	8	58	0.6	36-37.3	121-15.6	5.0	1.6	15	56	2.8	0.10	0.4	1.2	A	MT JOHNSON
24	9	3	23.9	36-47.5	121-30.5	4.5	0.5	14	72	4.6	0.14	0.6	1.3	A	SAN JUAN BAUTISTA
24	11	14	8.7	36-26.7	121- 3.7	7.1	1.7	18	81	4.5	0.12	0.5	1.0	A	NE 1/4 GREENFIELD
24	13	12	40.7	36-48.0	121-31.3	4.3	2.3	25	37	4.7	0.16	0.5	0.5	B	SAN JUAN BAUTISTA
24	13	25	7.7	36-37.6	121-16.3	8.2	1.5	9	55	3.6	0.03	0.2	0.5	A	PAICINES
24	13	53	14.8	37-56.7	121-35.2	12.4	2.0	16	82	22.6	0.32	1.7	2.2	C	WOODWARD ISLAND
24	19	1	18.5	36-43.4	121- 6.7	5.1	1.8	11	189	7.0	0.14	1.1	0.8	C	PANOCHE PASS
24	21	22	23.3	36-13.0	120-48.4	5.4	1.5	6	99	1.1	0.04	0.4	0.6	B	MONARCH PEAK
24	23	39	41.8	36-37.7	121-16.9	5.6	1.9	20	54	4.4	0.14	0.5	0.7	A	PAICINES
25	0	10	5.2	36-37.8	121-16.8	5.6	1.5	14	53	4.1	0.11	0.4	1.3	A	PAICINES
25	3	33	24.3	36-47.7	121-30.9	4.7	1.0	9	72	5.0	0.07	0.5	0.9	B	SAN JUAN BAUTISTA
25	7	5	16.6	37-32.5	121-55.0	4.4	1.5	14	60	4.7	0.13	0.6	0.5	A	NILES
25	7	8	19.5	36-38.0	121-17.0	5.5	2.6	28	55	4.5	0.13	0.4	0.5	A	PAICINES
25	7	11	55.4	36-38.1	121-16.9	5.8	2.3	26	55	4.4	0.12	0.3	0.5	A	PAICINES
25	7	22	15.3	36-47.4	121-30.5	4.7	1.3	15	73	4.4	0.11	0.4	0.9	A	SAN JUAN BAUTISTA
25	7	35	3.6	36- 0.5	120-35.7	7.5	2.6	15	136	12.9	0.22	1.5	1.7	C	SE 1/4 PRIEST VALLEY
25	16	3	4.8	36-41.3	121-20.5	3.6	0.9	11	62	2.3	0.07	0.4	0.3	A	PAICINES
25	18	20	53.2	36-48.9	121-32.1	4.5	2.2	19	44	4.0	0.11	0.4	0.5	A	SAN JUAN BAUTISTA
25	19	2	44.6	36-38.1	121-17.0	6.2	1.8	17	55	4.5	0.10	0.4	1.1	A	PAICINES
26	1	34	18.6	36-55.9	121-32.8	4.9	0.7	9	92	3.9	0.04	0.3	0.5	B	CHITTENDEN
26	5	49	17.9	36-47.8	121-30.9	4.4	1.4	16	93	5.2	0.10	0.3	0.5	B	SAN JUAN BAUTISTA

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 26	6	5	50.9	36-18.3	120-52.6	7.6	1.4	7	109	4.8	0.03	0.2	0.9	B	SW 1/4 HERNANDEZ VALLEY
26	6	50	34.0	36-27.4	121- 4.9	9.0	0.7	8	116	6.0	0.06	0.5	1.0	B	NE 1/4 GREENFIELD
26	7	55	13.2	36-38.5	121-12.0	11.0	1.2	12	66	3.1	0.08	0.5	0.8	A	CHERRY PEAK
26	8	31	0.2	36-37.6	121-16.2	7.6	1.7	15	55	3.4	0.10	0.4	0.9	A	PAICINES
26	8	57	7.1	36-38.0	121-17.0	5.9	1.6	13	54	4.6	0.09	0.4	1.2	A	PAICINES
26	12	6	11.9	36-28.5	121- 5.9	4.9	0.5	10	87	4.4	0.11	0.6	1.8	A	NE 1/4 GREENFIELD
26	12	20	47.8	36-33.0	121-11.0	8.3	0.4	6	88	2.8	0.05	0.5	1.0	A	BICKMORE CANYON
26	16	16	27.7	36-49.8	121-10.5	2.8	1.0	9	209	3.4	0.09	0.9	0.4	C	QUIEN SABE VALLEY
26	17	42	33.4	36-48.4	121-32.1	4.8	1.6	22	42	3.6	0.11	0.3	0.5	A	SAN JUAN BAUTISTA
26	18	22	37.5	36-27.6	121- 2.8	11.6	1.6	11	87	4.7	0.09	0.6	1.3	A	NE 1/4 GREENFIELD
26	20	59	41.0	36-30.3	121- 6.5	10.7	0.5	7	100	2.9	0.11	1.0	3.8	B	SAN BENITO
26	21	26	46.0	36-38.4	121-17.6	8.6	1.6	12	57	5.3	0.07	0.3	0.8	A	PAICINES
26	22	13	11.4	36-31.4	121- 6.7	9.6	0.6	9	84	3.5	0.08	0.5	1.2	A	SAN BENITO
26	22	59	55.6	36-38.4	121-17.8	9.6	1.1	9	93	5.7	0.11	0.8	1.6	B	PAICINES
26	23	59	43.2	36-37.7	121-16.3	7.4	0.7	10	102	3.5	0.11	0.6	1.4	B	PAICINES
27	0	42	33.5	36-50.6	121-33.7	1.9	1.5	18	52	5.1	0.17	0.6	0.5	B	SAN JUAN BAUTISTA
27	0	56	16.9	36-45.0	121-26.9	5.0	0.9	12	76	1.7	0.17	1.0	1.5	B	MT HARLAN
27	3	55	32.3	36-33.7	121-12.2	7.4	0.4	7	108	2.0	0.02	0.2	0.3	B	BICKMORE CANYON
27	4	5	30.8	36-39.9	121-19.0	2.9	1.7	15	64	5.4	0.13	0.6	0.6	B	PAICINES
27	4	18	51.4	36-37.8	121-17.1	6.1	3.1	33	55	4.6	0.14	0.4	0.5	A	PAICINES
27	6	14	10.7	36-40.6	121-18.5	7.6	1.7	15	69	4.7	0.11	0.4	1.1	A	PAICINES
27	6	38	54.2	36-47.0	121-30.0	5.2	0.4	11	78	3.4	0.11	0.7	1.1	A	SAN JUAN BAUTISTA
27	7	39	26.3	36-37.9	121-17.2	7.0	2.0	22	53	4.9	0.11	0.3	0.9	A	PAICINES
27	7	46	9.5	36-35.7	121-13.7	3.9	0.8	8	105	4.2	0.05	0.3	0.4	B	BICKMORE CANYON
27	8	48	23.6	36-50.1	121-11.0	3.8	1.2	13	174	2.6	0.05	0.4	0.3	B	QUIEN SABE VALLEY
27	10	16	5.3	36-37.9	121-16.9	5.0	0.6	10	54	10.3	0.06	0.3	1.2	B	PAICINES
27	10	27	28.0	37-31.2	121-53.3	6.1	1.1	12	66	1.6	0.16	0.8	0.8	B	NILES
27	10	51	39.2	36-37.8	121-17.0	5.9	2.9	36	53	4.5	0.11	0.3	0.4	A	PAICINES
27	10	56	39.0	36-37.8	121-16.7	5.8	0.9	11	53	4.0	0.13	0.6	1.5	A	PAICINES
27	12	2	14.7	35-59.6	120-35.7	4.3	1.6	9	142	12.1	0.17	1.3	0.9	C	STOCKDALE MTN
27	12	12	43.0	36-38.0	121-16.7	8.9	0.7	11	55	4.0	0.08	0.4	1.1	A	PAICINES
27	13	9	37.5	36-37.4	121-16.5	5.7	0.7	10	56	9.3	0.05	0.3	0.9	B	MT JOHNSON
27	13	16	27.0	36-47.3	121-29.1	2.8	1.1	16	64	3.9	0.14	0.8	0.8	A	HOLLISTER
27	15	3	33.9	36-41.2	121-12.2	8.0	1.6	10	109	3.7	0.05	0.3	0.6	B	CHERRY PEAK
27	15	20	28.5	36-52.2	121-23.7	7.6	0.8	12	62	1.8	0.09	0.5	1.3	A	HOLLISTER
27	16	16	53.0	36-41.2	121-12.4	9.5	0.8	7	108	3.7	0.06	0.6	1.1	B	CHERRY PEAK
27	17	5	27.3	36-41.3	121-12.6	8.1	1.2	6	133	4.1	0.04	0.5	1.1	B	CHERRY PEAK
27	18	2	48.9	36-41.3	121-12.3	9.6	0.9	8	110	3.8	0.06	0.5	1.0	B	CHERRY PEAK
27	18	32	17.1	36-30.4	121- 6.8	8.7	0.7	8	94	3.4	0.07	0.6	1.2	B	SAN BENITO
27	19	33	9.0	36-35.5	121- 9.8	9.8	0.8	9	57	2.9	0.14	0.9	1.8	A	BICKMORE CANYON
27	19	51	35.1	36-35.9	121-14.6	7.6	2.0	19	64	4.1	0.15	0.5	1.0	A	BICKMORE CANYON
27	20	0	28.9	36-47.4	121-30.6	4.8	0.8	11	75	4.4	0.10	0.6	1.4	A	SAN JUAN BAUTISTA
27	20	44	18.6	36-41.1	121-12.4	8.9	1.4	8	107	3.7	0.06	0.5	1.0	B	CHERRY PEAK
27	20	46	26.6	37-20.3	121-41.1	6.3	1.5	15	75	3.9	0.14	0.5	1.5	A	LICK OBSERVATORY
27	22	7	45.7	36-56.3	121-40.8	10.1	1.4	17	78	1.8	0.06	0.3	0.5	A	WATSONVILLE EAST

CENTRAL CALIFORNIA EARTHQUAKES--THIRD QUARTER 1972 (CONTINUED)

1972	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
SEP 27	23	31	52.9	36-47.8	121-31.0	4.3	1.3	13	70	5.0	0.10	0.4	0.4	B	SAN JUAN BAUTISTA
27	23	39	47.1	36-41.3	121-12.6	7.4	1.1	7	108	4.2	0.06	0.5	1.0	B	CHERRY PEAK
28	1	14	34.4	36-41.4	121-12.5	8.2	0.8	7	109	4.2	0.02	0.2	0.3	B	CHERRY PEAK
28	1	16	4.7	36-41.4	121-12.6	7.5	1.1	7	109	4.3	0.03	0.2	0.5	B	CHERRY PEAK
28	2	48	24.6	36-41.3	121-12.5	8.2	0.5	6	108	4.1	0.03	0.4	0.8	B	CHERRY PEAK
28	3	42	7.9	36-31.3	121- 7.6	10.2	0.3	8	86	4.7	0.11	0.9	2.1	B	BICKMORE CANYON
28	4	36	24.6	36-37.8	121-16.7	7.5	1.0	14	53	4.1	0.11	0.5	1.2	A	PAICINES
28	6	43	11.1	36-38.1	121-16.8	5.2	1.9	20	56	4.2	0.10	0.3	0.5	A	PAICINES
28	7	19	56.4	36-38.1	121-17.1	5.0	0.8	11	55	9.8	0.07	0.4	1.5	B	PAICINES
28	7	50	48.2	36-47.6	121-31.3	5.8	0.9	14	75	4.7	0.11	0.5	1.0	A	SAN JUAN BAUTISTA
28	13	31	29.1	36-47.4	121-30.5	4.5	2.5	24	38	4.4	0.14	0.4	1.0	A	SAN JUAN BAUTISTA
28	14	26	22.8	36-37.3	121-16.0	6.5	2.0	15	56	3.3	0.09	0.4	0.9	A	MT JOHNSON
28	14	33	49.5	36-39.3	121-18.0	3.8	0.9	8	83	6.4	0.04	0.3	0.3	B	PAICINES
28	15	38	23.1	36-47.2	121-30.3	4.6	1.2	15	77	3.8	0.16	0.7	1.6	B	SAN JUAN BAUTISTA
28	18	2	12.4	36-34.3	121- 6.7	12.6	1.3	10	76	6.9	0.07	0.5	0.9	A	SAN BENITO
29	8	31	21.5	36-37.9	121-16.9	4.2	1.1	11	54	4.3	0.12	0.6	1.7	A	PAICINES
29	9	46	8.8	37-57.3	122- 2.3	12.3	3.1	43	49	6.9	0.19	0.5	0.4	B	WALNUT CREEK
29	14	8	55.3	36-31.4	121- 6.7	9.1	1.1	8	84	3.6	0.09	0.7	1.4	A	SAN BENITO
29	15	43	6.4	36-41.3	121-12.3	8.4	1.3	8	109	3.8	0.06	0.5	0.9	B	CHERRY PEAK
29	16	14	30.3	37-49.2	121-57.5	5.5	2.1	28	70	3.6	0.21	0.5	0.4	B	DIABLO
29	16	45	6.7	36-41.3	121-12.2	9.3	1.4	9	110	3.6	0.05	0.3	0.7	B	CHERRY PEAK
29	17	8	57.1	36-31.3	121- 6.6	9.6	0.9	7	84	3.4	0.10	1.0	2.0	B	SAN BENITO
29	18	1	21.9	36-31.4	121- 6.9	9.2	1.4	12	82	3.8	0.10	0.5	1.0	A	SAN BENITO
29	18	12	47.9	37- 2.2	121-28.5	4.3	1.3	15	92	1.4	0.17	0.7	1.1	B	GILROY HOT SPRINGS
29	19	52	45.4	36-37.4	121-16.0	4.6	1.3	13	56	3.3	0.08	0.4	1.0	A	MT JOHNSON
29	21	34	2.7	36-56.7	121-25.7	3.7	0.7	9	96	5.0	0.11	0.6	1.4	B	SAN FELIPE
29	21	36	2.1	36- 5.7	120-40.4	0.1	1.1	7	136	4.6	0.07	0.6	0.5	B	SW 1/4 PRIEST VALLEY
29	23	42	33.5	36-54.1	121-39.3	9.1	2.2	31	75	3.4	0.12	0.4	0.5	A	WATSONVILLE EAST
30	1	19	46.5	36-29.1	121- 6.1	2.3	2.0	15	77	3.7	0.11	0.4	0.3	A	NE 1/4 GREENFIELD
30	5	21	58.0	36-37.9	121-17.2	8.5	1.0	12	54	4.8	0.07	0.3	1.0	A	PAICINES
30	6	12	17.7	36-31.8	121- 4.9	8.8	1.4	11	89	2.4	0.10	0.5	0.9	A	SAN BENITO
30	7	2	47.9	36-27.8	121- 4.6	4.5	0.9	10	96	5.2	0.09	0.5	2.1	B	NE 1/4 GREENFIELD
30	9	24	19.9	36-37.7	121-16.8	5.7	1.5	18	54	4.2	0.10	0.4	0.5	A	PAICINES
30	9	28	51.5	36-37.5	121-16.7	5.8	0.6	11	55	9.7	0.06	0.3	1.2	B	MT JOHNSON
30	13	43	57.2	36-37.9	121-16.1	0.2	1.4	11	54	3.1	0.10	0.5	0.6	A	PAICINES
30	13	47	1.2	36-52.4	121-24.7	4.8	1.4	16	54	1.9	0.11	0.4	0.5	A	HOLLISTER
30	15	40	48.2	36-48.2	121-23.6	6.6	1.6	19	42	6.0	0.10	0.3	1.3	A	HOLLISTER
30	23	48	44.4	36-26.2	121- 3.6	7.4	1.0	9	123	4.0	0.09	0.7	2.0	B	NE 1/4 GREENFIELD
30	23	59	49.6	36-30.3	121- 6.8	9.0	1.8	12	64	3.5	0.09	0.4	0.9	A	SAN BENITO