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UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Office of Earthquake Studies

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PRELIMINARY CATALOG OF EARTHQUAKES

IN CENTRAL CALIFORNIA

FOR FEBRUARY 1979

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BY

J. M. Murphy and F. W. Lester

OPEN-FILE REPORT 81-521

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.

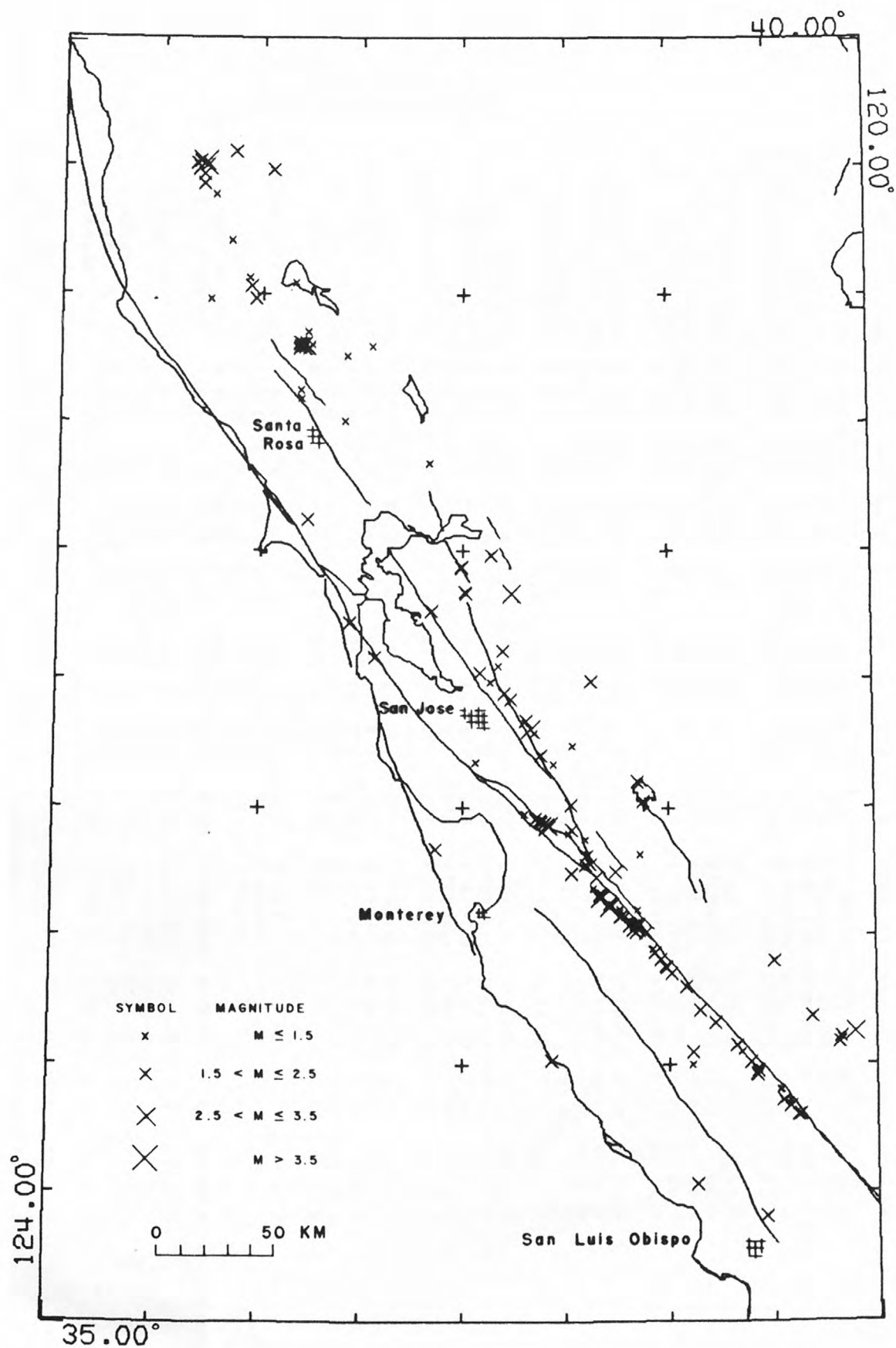
Menlo Park, California

1981

Open-file report  
(United States  
Geological Survey)



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USGS PRELIMINARY EPICENTERS - FEBRUARY 1979

## CENTRAL CALIFORNIA EARTHQUAKES--FEBRUARY 1979

1979	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
FEB	1	13	42	8.1	36- 1.1	120-36.5	1.9	1.5	14	63	5.3	0.12	0.5	0.5	B	SMITH MTN
	1	23	31	5.8	35-25.0	120-32.3	3.3	1.6	12	181	2.2	0.08	0.9	0.3	C	SANTA MARGARITA
	2	4	43	50.0	35-32.7	120-52.1	11.4	1.6	13	137	26.3	0.20	1.1	1.6	C	YORK MTN
	2	5	41	22.7	40-17.0	124-32.3	19.2	3.3	10	248	74.3	0.05	1.2	59.3	D	***OFFSHORE - CAPE MENDOCINO***
	2	6	8	47.9	36- 3.3	120-39.0	0.8	1.5	13	72	5.3	0.10	0.4	0.4	B	SLACK CANYON
	3	1	22	46.9	38- 7.9	122-46.2	0.1	1.5	12	130	5.6	0.10	0.6	0.7	B	POINT REYES NE
	3	1	37	27.2	38-48.4	122-48.4	2.1	0.9	12	69	1.1	0.04	0.2	0.1	A	THE GEYSERS
	3	3	18	46.6	37-56.9	122- 0.6	10.6	2.1	30	48	8.8	0.16	0.4	0.7	B	WALNUT CREEK
	3	3	46	29.5	38-20.7	122-10.1	3.1	1.5	8	123	8.3	0.08	0.6	0.4	B	MT GEORGE
	3	9	58	38.4	39-32.0	123-17.9	18.5	4.1	9	261	10.2	0.35	4.4	3.3	D	WILLIS RIDGE
	3	10	10	7.2	35-52.2	120-27.2	10.9	1.9	15	53	2.8	0.16	0.7	1.2	B	CHOLAME HILLS
	3	10	29	53.9	36-26.9	121- 4.1	7.0	1.7	19	74	5.3	0.10	0.4	0.9	A	TOPO VALLEY
	3	12	25	29.4	36-53.0	121-24.3	4.4	1.4	32	60	2.7	0.10	0.3	0.2	A	SAN FELIPE
	3	12	37	41.0	36- 7.0	120-10.3	5.3	2.2	12	248	21.3	0.21	5.2	3.3	D	AVENAL
	3	13	38	16.1	37-30.1	121-22.5	4.1	1.7	11	210	22.0	0.17	1.6	1.4	C	LONE TREE CREEK
	3	14	8	46.3	36-27.4	121- 4.8	8.4	1.5	16	104	6.5	0.17	0.8	1.9	B	TOPO VALLEY
	3	17	25	17.0	36-47.7	121-22.8	4.8	2.3	52	35	3.5	0.13	0.2	0.4	A	HOLLISTER
	3	19	49	48.3	38-49.1	122-48.4	3.2	2.2	29	50	1.5	0.10	0.2	0.1	A	THE GEYSERS
	3	23	46	10.0	36-58.1	121-38.8	4.2	1.8	41	46	4.2	0.14	0.3	0.2	A	WATSONVILLE EAST
	4	2	52	30.1	38-48.7	122-49.4	1.3	1.1	13	60	2.2	0.08	0.3	0.2	A	THE GEYSERS
	4	15	57	35.4	39-26.5	123-18.2	2.3	1.7	6	159	0.5	0.13	5.3	2.1	D	NE 1/4 WILLITS
	4	20	57	26.3	36-18.5	119-52.8	1.9	2.4	12	279	42.0	0.26	17.3	79.9	D	VANGUARD
	5	2	8	19.4	37-46.6	122- 9.3	6.1	2.4	57	24	1.9	0.12	0.2	0.3	A	OAKLAND EAST
	5	7	22	40.6	37-19.5	121-40.1	4.8	2.8	47	72	7.5	0.14	0.3	0.2	B	LICK OBSERVATORY
	5	17	38	1.3	36- 0.3	120-53.3	7.7	1.2	12	78	2.3	0.07	0.3	0.6	A	SAN ARDO
	5	21	52	5.2	36-13.3	120-51.1	3.4	1.7	13	74	5.2	0.17	0.7	0.6	B	MONARCH PEAK
	6	1	3	36.0	36-35.3	121-14.2	6.1	2.4	29	57	4.5	0.18	0.5	1.1	B	BICKMORE CANYON
	6	9	2	30.1	36-45.4	121-28.4	6.3	2.0	37	43	1.6	0.18	0.4	0.6	B	HOLLISTER
	6	9	37	11.7	36-35.5	121-13.9	5.9	1.7	28	66	4.3	0.16	0.5	0.6	B	BICKMORE CANYON
	6	11	18	40.0	36-35.0	121-12.8	6.0	1.3	15	65	2.3	0.16	0.6	1.4	B	BICKMORE CANYON
	6	12	19	24.3	38-48.4	122-48.4	1.8	1.2	14	64	1.2	0.07	0.2	0.2	A	THE GEYSERS
	6	17	49	34.0	36-57.4	121-37.1	5.8	1.6	26	46	3.0	0.13	0.4	0.8	A	CHITTENDEN
	6	20	45	38.6	35-54.3	120-27.8	7.1	1.2	10	89	3.8	0.19	1.2	1.7	B	PARKFIELD
	6	20	45	59.6	35-54.4	120-28.0	5.4	1.4	11	69	3.7	0.15	0.7	1.4	A	PARKFIELD
	6	21	51	40.1	36-33.9	121-11.3	4.3	1.4	14	64	1.1	0.16	0.7	1.3	B	BICKMORE CANYON
	6	23	51	36.3	36-36.0	121-14.2	6.6	0.8	9	63	5.1	0.08	0.5	1.0	A	BICKMORE CANYON
	7	6	31	42.7	37-14.7	121-28.0	5.0	1.2	19	140	13.0	0.11	0.5	0.5	B	MISSISSIPPI CREEK
	7	11	35	28.7	39-12.8	123- 9.8	0.4	1.2	8	75	11.3	0.06	0.4	0.4	B	UKIAH
	8	0	26	37.3	36-31.5	121- 6.9	9.7	1.6	24	67	6.5	0.20	0.6	1.4	B	SAN BENITO
	8	1	12	18.9	37-27.3	121-48.1	5.7	1.6	28	73	0.5	0.13	0.4	0.4	A	CALAVERAS RESERVOIR
	8	1	30	48.3	36-10.4	120-46.6	6.4	2.1	22	68	4.9	0.14	0.5	1.1	A	MONARCH PEAK
	8	4	57	19.8	35-59.1	120-34.5	1.4	1.5	12	65	9.6	0.13	0.5	0.5	B	STOCKDALE MTN
	8	15	33	35.1	39-31.0	123-16.8	1.4	1.7	9	258	8.7	0.09	2.3	0.6	C	WILLIS RIDGE
	8	16	11	21.4	38-59.6	123- 2.2	4.0	1.5	17	60	5.4	0.09	0.4	0.4	B	HOPLAND
	9	2	28	38.1	38-30.6	122-35.2	5.8	1.3	15	124	2.1	0.16	1.0	1.3	B	CALISTOGA

## CENTRAL CALIFORNIA EARTHQUAKES--FEBRUARY 1979 (CONTINUED)

1979	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	D MIN	RMS	ERH	ERZ	Q	QUADRANGLE	
FEB	9	13	58	59.4	36-23.6	121- 1.0	6.5	1.9	23	63	3.4	0.13	0.4	1.0	A	TOPO VALLEY
	9	14	4	53.3	36-44.4	121-21.1	9.8	1.5	29	50	3.5	0.15	0.4	0.8	A	PAICINES
	9	22	36	48.9	37-26.0	121-46.1	7.4	1.5	26	81	3.3	0.09	0.3	0.7	A	CALAVERAS RESERVOIR
	10	1	18	3.3	38-48.0	122-46.2	2.2	1.5	18	67	1.4	0.09	0.2	0.2	A	THE GEYSERS
	10	1	18	44.1	38-48.1	122-46.2	2.0	1.6	18	75	1.4	0.09	0.2	0.2	A	THE GEYSERS
	10	8	15	16.3	37-50.7	121-59.2	8.0	1.7	30	49	7.4	0.19	0.5	0.7	B	DIABLO
	10	19	42	15.2	36-18.9	120-55.0	3.3	1.7	17	81	1.1	0.15	0.6	0.5	A	LONOAK
	11	2	10	8.5	36-57.3	121-36.0	5.8	2.1	52	33	1.5	0.12	0.2	0.4	A	CHITTENDEN
	11	9	32	21.5	38-48.3	122-27.2	4.4	1.2	14	80	0.6	0.14	0.8	1.0	A	JERICO VALLEY
	11	11	17	15.5	36-23.4	121- 0.8	7.4	2.2	27	63	3.9	0.15	0.4	1.1	B	TOPO VALLEY
	11	15	15	36.1	39-23.6	123-14.5	1.0	1.4	8	120	8.0	0.07	1.2	2.0	B	NW 1/4 POTTER VALLEY
	11	18	20	46.9	38-49.6	122-47.9	2.1	1.2	16	46	1.3	0.14	0.4	0.3	A	THE GEYSERS
	12	13	16	51.1	35-59.0	120-34.4	3.1	2.2	19	59	9.7	0.18	0.7	0.7	B	STOCKDALE MTN
	12	15	38	52.2	35-59.2	120-34.1	2.9	1.3	11	61	9.4	0.17	0.8	0.7	B	STOCKDALE MTN
	12	17	4	40.1	39-34.1	123- 8.6	4.5	2.4	11	248	19.9	0.11	1.5	1.0	C	BRUSHY MTN
	12	20	26	22.1	36-40.1	121-20.1	4.9	3.3	55	36	3.0	0.17	0.3	0.4	B	PAICINES
	12	20	30	42.9	36-39.9	121-19.6	3.5	1.2	14	65	3.6	0.13	0.4	0.4	A	PAICINES
	12	20	42	3.2	36-39.9	121-19.7	4.6	2.3	43	37	3.4	0.15	0.3	0.4	A	PAICINES
	12	20	42	35.9	36-40.0	121-19.6	3.6	1.7	21	62	3.6	0.20	0.6	0.7	B	PAICINES
	12	21	38	18.3	36-39.9	121-20.0	4.9	2.9	51	36	3.1	0.15	0.3	0.3	B	PAICINES
	12	22	41	23.3	36-40.4	121-20.2	4.4	1.8	25	36	3.2	0.15	0.4	0.5	A	PAICINES
	12	23	56	19.7	36-40.3	121-19.9	4.5	2.3	42	36	3.4	0.14	0.3	0.3	A	PAICINES
	12	23	58	6.1	36-22.0	120-59.3	7.1	1.8	17	60	6.9	0.14	0.6	1.4	A	LONOAK
	13	1	58	13.7	36-40.1	121-19.5	2.9	1.6	18	71	3.8	0.15	0.5	0.4	A	PAICINES
	13	14	19	18.7	38-38.0	122-48.4	5.6	1.4	21	54	9.8	0.18	0.7	2.8	B	JIMTOWN
	13	14	48	44.8	36-56.9	121-35.2	6.2	2.2	52	40	1.0	0.13	0.3	0.6	A	CHITTENDEN
	13	19	21	48.2	36-33.3	121- 9.6	10.6	3.4	50	45	3.4	0.16	0.3	0.4	B	BICKMORE CANYON
	13	19	55	24.5	36-33.5	121- 9.1	9.8	1.6	16	76	3.8	0.14	0.6	1.3	A	BICKMORE CANYON
	13	20	23	0.9	36-33.5	121- 9.6	10.0	1.7	21	59	3.2	0.14	0.5	1.0	A	BICKMORE CANYON
	14	16	30	56.1	37-51.0	121-59.4	11.3	1.7	24	49	7.3	0.12	0.4	0.6	A	DIABLO
	14	19	41	35.1	37-21.0	121-41.6	7.9	1.6	18	80	5.7	0.10	0.4	1.1	A	LICK OBSERVATORY
	14	20	9	52.6	36-33.3	121-11.5	10.3	1.5	21	58	2.2	0.15	0.5	1.1	A	BICKMORE CANYON
	14	20	53	28.4	36-56.5	121-34.8	5.4	1.5	32	44	1.8	0.13	0.4	0.9	A	CHITTENDEN
	14	23	5	42.1	36-33.4	121- 9.3	13.6	1.3	14	70	12.1	0.18	1.0	1.2	B	BICKMORE CANYON
	15	9	50	54.5	38-48.6	122-48.1	1.3	2.0	22	57	0.7	0.07	0.2	0.1	A	THE GEYSERS
	15	10	45	45.7	37-37.3	121-48.4	3.3	1.7	16	74	12.3	0.16	0.5	0.4	C	LA COSTA VALLEY
	15	11	14	45.7	37- 1.4	121-28.5	4.2	1.8	34	62	0.8	0.14	0.4	0.3	A	GILROY HOT SPRINGS
	15	11	16	27.1	36-36.8	121-14.4	4.1	1.2	17	59	3.7	0.19	0.7	1.9	B	BICKMORE CANYON
	15	12	12	24.5	39-31.2	123-20.3	2.3	1.5	6	280	9.0	0.04	2.4	0.7	C	WILLIS RIDGE
	15	12	42	49.0	36-41.6	121-22.0	3.8	1.4	19	70	2.8	0.17	0.6	0.6	B	PAICINES
	15	14	25	54.1	36- 5.8	120-10.7	5.5	1.6	12	244	22.4	0.13	2.6	1.3	D	AVENAL
	15	14	26	47.6	36-40.5	121-19.9	1.8	1.3	17	65	3.7	0.16	0.5	0.6	B	PAICINES
	15	17	11	23.7	36-33.6	121- 9.3	10.7	1.5	20	57	3.5	0.13	0.5	0.9	A	BICKMORE CANYON
	15	21	0	30.9	36-33.3	121- 9.2	9.9	1.9	26	53	3.9	0.11	0.3	0.7	A	BICKMORE CANYON
	15	23	35	37.0	38-48.6	122-47.7	1.4	1.2	14	64	0.3	0.06	0.2	0.2	A	THE GEYSERS

## CENTRAL CALIFORNIA EARTHQUAKES--FEBRUARY 1979 (CONTINUED)

1979	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
FEB	16	1	16	7.4	36-40.4	121-20.2	4.1	2.3	37	36	3.2	0.16	0.3	0.4	B	PAICINES
	16	3	51	40.4	36-38.0	121-17.2	5.1	2.7	45	41	2.6	0.16	0.3	0.4	B	PAICINES
	16	4	32	1.6	36-38.0	121-17.0	4.4	1.6	26	45	2.4	0.13	0.3	0.4	A	PAICINES
	16	5	21	14.0	36-38.3	121-17.3	4.7	2.0	37	37	2.6	0.15	0.3	0.4	A	PAICINES
	16	7	7	36.9	35-58.3	120-34.5	4.4	1.6	16	59	9.6	0.15	0.7	0.9	B	STOCKDALE MTN
	16	8	14	47.4	35-58.3	120-34.7	2.4	1.8	18	59	9.8	0.14	0.6	0.5	B	STOCKDALE MTN
	16	8	47	43.3	39- 4.2	123- 4.3	3.5	1.0	8	91	5.6	0.06	0.6	0.6	B	PURDYS GARDENS
	16	9	40	10.7	38-48.9	122-48.1	3.0	1.4	17	57	1.0	0.07	0.2	0.1	A	THE GEYSERS
	16	17	39	35.7	38-48.3	122-48.8	2.0	2.1	26	44	1.8	0.09	0.2	0.1	A	THE GEYSERS
	17	0	12	53.4	36-45.8	121-15.5	10.0	1.5	28	49	3.9	0.12	0.4	0.7	A	TRES PINOS
	17	2	2	35.8	37-10.5	121-33.6	5.8	1.4	24	112	5.8	0.13	0.5	0.7	B	MT SIZER
	17	6	37	25.2	36-33.3	121- 9.5	10.2	1.9	27	53	3.6	0.13	0.4	0.8	A	BICKMORE CANYON
	17	8	25	0.6	36-49.6	121- 8.3	5.1	1.4	18	78	6.7	0.12	0.5	0.5	B	QUIEN SABE VALLEY
	17	8	53	13.8	36-51.0	122- 8.1	12.0	1.8	30	189	18.4	0.12	0.6	0.6	C	***OFFSHORE - MONTEREY BAY***
	17	9	27	27.8	36-33.6	121- 9.6	11.2	1.1	13	59	3.1	0.11	0.6	1.4	A	BICKMORE CANYON
	17	9	37	42.7	36- 1.7	121-34.1	9.6	1.9	18	185	23.2	0.15	1.1	1.0	C	LOPEZ POINT
	17	15	37	58.1	38-48.6	122-48.2	1.8	1.7	21	51	0.9	0.07	0.2	0.1	A	THE GEYSERS
	17	19	24	11.3	38-51.6	122-46.4	3.1	1.3	15	50	3.3	0.11	0.4	0.2	A	THE GEYSERS
	17	22	27	18.8	36-33.2	121- 9.4	8.7	1.8	24	59	3.8	0.13	0.4	0.8	A	BICKMORE CANYON
	18	1	38	28.6	36-56.9	121-35.1	5.6	2.8	64	28	1.0	0.13	0.2	0.4	A	CHITTENDEN
	18	4	25	27.8	37-13.0	121-37.2	5.4	2.3	58	80	6.0	0.11	0.2	0.3	B	MT SIZER
	18	7	38	25.9	36-57.8	121-37.6	4.3	2.4	61	36	3.8	0.15	0.3	0.2	A	WATSONVILLE EAST
	18	10	54	4.1	36- 5.1	120-40.5	11.8	2.0	18	73	18.1	0.11	0.4	0.5	B	SLACK CANYON
	18	11	13	28.4	36-47.4	121-24.2	7.6	1.8	20	63	4.6	0.14	0.5	1.0	A	HOLLISTER
	18	17	31	16.5	37-32.2	121-55.2	5.3	2.1	47	42	4.7	0.17	0.3	0.4	B	NILES
	19	0	37	48.8	37-56.8	122- 0.5	12.4	2.4	33	48	8.9	0.12	0.3	0.3	A	WALNUT CREEK
	19	2	8	21.9	37-56.9	122- 0.4	11.6	1.7	17	55	9.0	0.09	0.4	0.7	A	WALNUT CREEK
	19	8	43	21.3	38-48.0	122-48.2	2.1	1.4	17	65	1.3	0.06	0.2	0.1	A	THE GEYSERS
	19	8	47	20.6	38-48.6	122-45.2	5.0	1.1	21	121	0.4	3.58	14.9	24.1	C	THE GEYSERS
	19	9	55	12.9	38-49.3	122-48.7	1.8	0.9	11	97	2.1	0.06	0.2	0.2	B	THE GEYSERS
	19	16	42	38.7	36-33.4	121- 9.6	9.7	1.5	26	51	3.3	0.14	0.4	0.9	A	BICKMORE CANYON
	19	21	25	49.3	38-48.7	122-47.9	3.1	1.3	15	55	0.6	0.08	0.3	0.2	A	THE GEYSERS
	19	21	32	28.2	38-48.4	122-47.6	1.6	1.2	12	71	0.1	0.07	0.2	0.2	A	THE GEYSERS
	20	0	38	21.9	36-55.6	121-28.3	7.6	1.7	25	51	3.4	0.12	0.4	0.7	A	SAN FELIPE
	20	3	2	43.9	38-47.9	122-48.3	1.8	1.1	13	66	1.4	0.07	0.2	0.2	A	THE GEYSERS
	20	3	18	20.4	38-47.4	122-48.2	2.7	1.1	14	78	2.2	0.06	0.2	0.1	A	THE GEYSERS
	20	5	56	52.4	35-48.8	120-22.9	5.1	2.0	13	73	3.3	0.18	0.8	0.9	B	CHOLAME HILLS
	20	6	51	57.0	37-29.5	121-52.0	3.4	1.3	15	68	3.2	0.10	0.4	0.2	A	CALAVERAS RESERVOIR
	20	9	33	23.7	36-33.3	121- 9.2	8.8	1.8	28	53	3.8	0.16	0.5	1.0	B	BICKMORE CANYON
	20	10	35	51.0	38-48.6	122-47.9	1.7	1.2	13	66	0.4	0.09	0.3	0.3	A	THE GEYSERS
	20	11	53	22.7	35-50.9	120-25.1	3.5	2.1	18	70	3.7	0.22	0.7	0.4	B	CHOLAME HILLS
	20	12	17	16.3	36-54.3	121-29.1	7.7	1.3	27	53	2.3	0.11	0.4	0.7	A	SAN FELIPE
	20	18	18	12.0	35-49.0	120-22.3	4.8	1.8	14	83	2.3	0.17	0.8	0.8	B	CHOLAME VALLEY
	21	4	6	24.7	36-40.6	121-20.0	3.6	1.8	18	63	3.5	0.17	0.5	0.5	B	PAICINES
	21	12	56	47.2	37-51.1	121-45.7	8.0	3.0	40	177	14.4	0.16	0.6	0.7	C	TASSAJARA

## CENTRAL CALIFORNIA EARTHQUAKES--FEBRUARY 1979 (CONTINUED)

	1979	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
FEB	21	16	33	25.6	36-33.5	121- 9.0	9.7	1.8	27	53	4.0	0.14	0.4	0.8	A	BICKMORE CANYON
	21	16	51	21.5	36-33.2	121- 9.0	11.2	1.4	13	72	4.2	0.14	0.9	1.6	A	BICKMORE CANYON
	21	17	40	52.0	36- 3.5	120-53.1	11.0	1.6	16	94	3.7	0.15	0.7	1.0	B	SAN ARDO
	21	18	2	20.8	36-33.3	121- 9.1	9.5	1.8	29	54	4.0	0.14	0.4	0.8	A	BICKMORE CANYON
	21	18	12	14.9	36-33.2	121- 8.9	9.7	1.9	26	57	4.3	0.13	0.4	0.7	A	BICKMORE CANYON
	22	5	50	47.6	36-40.0	121-19.9	4.9	2.1	42	37	3.2	0.15	0.3	0.4	A	PAICINES
	22	14	9	12.6	36-25.3	121- 2.4	6.7	1.5	20	47	2.0	0.09	0.3	0.7	A	TOPO VALLEY
	23	0	57	40.2	37- 6.9	121- 9.1	4.9	1.6	28	179	6.4	0.20	1.1	1.0	C	PACHECO PASS
	23	13	33	58.2	38-48.9	122-48.1	3.5	1.1	11	80	1.1	0.07	0.3	0.2	A	THE GEYSERS
	23	15	21	21.6	39- 2.5	123- 3.7	3.6	1.7	20	63	3.7	0.21	0.8	0.7	B	PURDYS GARDENS
	24	0	38	40.6	38-36.0	122-48.2	5.7	1.2	20	58	8.9	0.14	0.5	2.4	B	HEALDSBURG
	24	2	33	11.5	38-48.7	122-48.2	3.0	1.2	14	55	0.9	0.05	0.2	0.1	A	THE GEYSERS
	24	13	15	44.3	36-31.7	121- 9.6	10.6	2.1	31	43	4.5	0.22	0.6	0.9	B	BICKMORE CANYON
	24	14	6	56.8	37-33.3	121-49.7	8.2	1.5	23	57	5.3	0.15	0.5	1.1	A	LA COSTA VALLEY
	24	22	25	30.9	36-49.5	121-24.0	8.4	1.7	30	38	3.5	0.11	0.3	0.6	A	HOLLISTER
	25	6	56	16.3	38-59.0	123-15.7	5.1	1.1	9	105	7.7	0.04	0.3	1.9	B	NE 1/4 ORNBAUN VALLEY
	25	7	56	58.2	36-36.6	121- 9.2	8.7	1.2	14	66	5.0	0.19	0.9	1.8	B	BICKMORE CANYON
	25	11	31	37.4	36-32.2	121-10.6	10.4	1.5	16	67	4.4	0.24	1.2	2.2	B	BICKMORE CANYON
	25	12	1	37.8	38-45.9	122-34.6	3.8	1.1	10	117	10.4	0.15	0.8	0.9	C	MIDDLETOWN
	25	12	7	32.4	37-59.7	121-51.7	12.6	1.9	26	136	9.9	0.14	0.7	0.4	B	ANTIOCH SOUTH
	25	14	15	54.0	38-48.5	122-48.8	1.8	1.8	19	54	1.8	0.05	0.1	0.1	A	THE GEYSERS
	25	17	22	48.5	36-37.8	121-16.7	4.1	1.4	20	46	2.1	0.14	0.5	0.5	A	PAICINES
	25	19	38	12.1	38-48.4	122-48.6	2.1	0.9	12	73	1.4	0.04	0.2	0.1	A	THE GEYSERS
	25	19	52	38.9	38-49.1	122-48.5	1.5	0.9	11	94	1.7	0.05	0.2	0.2	B	THE GEYSERS
	25	22	14	31.5	39-31.8	123-19.3	1.3	1.7	6	279	9.8	0.03	1.4	0.4	C	WILLIS RIDGE
	26	2	17	9.9	38-49.0	122-48.0	2.7	2.6	25	44	1.2	0.11	0.3	0.2	A	THE GEYSERS
	26	12	22	29.0	38-47.9	122-48.6	2.8	1.5	17	64	1.7	0.06	0.2	0.1	A	THE GEYSERS
	26	19	8	41.1	38-47.9	122-48.9	1.7	1.0	12	62	1.7	0.04	0.2	0.1	A	THE GEYSERS
	26	22	40	20.9	36-32.3	121-10.3	7.9	1.4	14	66	4.4	0.18	0.9	1.7	B	BICKMORE CANYON
	27	3	32	50.4	39- 3.0	122-50.3	4.0	1.2	8	85	8.8	0.12	0.8	1.4	B	LUCERNE
	27	5	38	25.0	39-29.8	122-57.3	10.0	1.6	7	197	2.1	0.03	0.5	0.4	C	LAKE PILLSBURY
	27	6	33	30.4	38-49.0	122-48.0	3.0	2.0	23	51	1.1	0.10	0.3	0.2	A	THE GEYSERS
	27	13	28	4.6	37-10.9	121-56.3	9.2	1.5	21	64	1.5	0.10	0.3	0.6	A	LOS GATOS
	27	15	36	30.8	36- 8.5	120- 6.2	10.3	3.1	20	243	24.6	0.12	1.8	0.8	C	HURON
	27	18	53	53.2	36-11.9	120-18.5	3.6	2.3	20	212	6.5	0.18	1.3	0.7	C	COALINGA
	27	22	44	45.2	38-48.1	122-47.3	0.8	1.2	10	87	0.7	0.07	0.3	0.3	A	THE GEYSERS
	28	0	25	46.5	36-58.9	121-42.0	11.2	1.0	9	62	3.2	0.06	0.5	1.0	A	WATSONVILLE EAST
	28	0	28	21.1	36-49.4	121-23.7	8.5	1.5	15	51	6.7	0.08	0.4	1.0	A	HOLLISTER
	28	1	3	1.5	37-35.7	122-26.1	11.7	2.3	34	88	2.1	0.15	0.5	0.4	A	MONTARA MTN
	28	2	43	22.5	36-24.8	120-29.5	4.0	2.1	17	175	20.9	0.12	0.8	0.5	B	LILLIS RANCH
	28	8	45	28.4	38-48.3	122-49.8	1.7	0.9	13	63	1.4	0.06	0.2	0.1	A	THE GEYSERS
	28	12	33	45.5	37-43.8	122-33.5	10.4	2.2	33	104	10.4	0.19	0.6	0.6	B	***GULF OF THE FARALLONES***
	28	13	8	43.8	39-28.7	123-18.1	3.5	1.6	9	296	4.0	0.05	3.8	0.4	D	NE 1/4 WILLITS
	28	17	45	2.6	35-51.7	120-25.2	4.3	1.1	6	95	2.4	0.18	1.9	4.0	B	CHOLAME HILLS
	28	20	28	37.1	37-17.7	121-39.2	4.9	1.3	17	80	4.4	0.07	0.3	0.3	A	LICK OBSERVATORY

## CENTRAL CALIFORNIA EARTHQUAKES--FEBRUARY 1979 (CONTINUED)

1979	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE
FEB	28	21	1	24.8	37- 2.2	121- 7.4	4.8	1.7	33 141	5.4	0.18	0.7	0.8	C	SAN LUIS DAM

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