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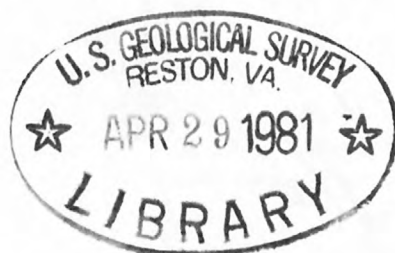
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Office of Earthquake Studies

PRELIMINARY CATALOG OF EARTHQUAKES
IN CENTRAL CALIFORNIA
FOR APRIL 1979

BY

L. M. Riley and F. W. Lester



OPEN-FILE REPORT 81-519

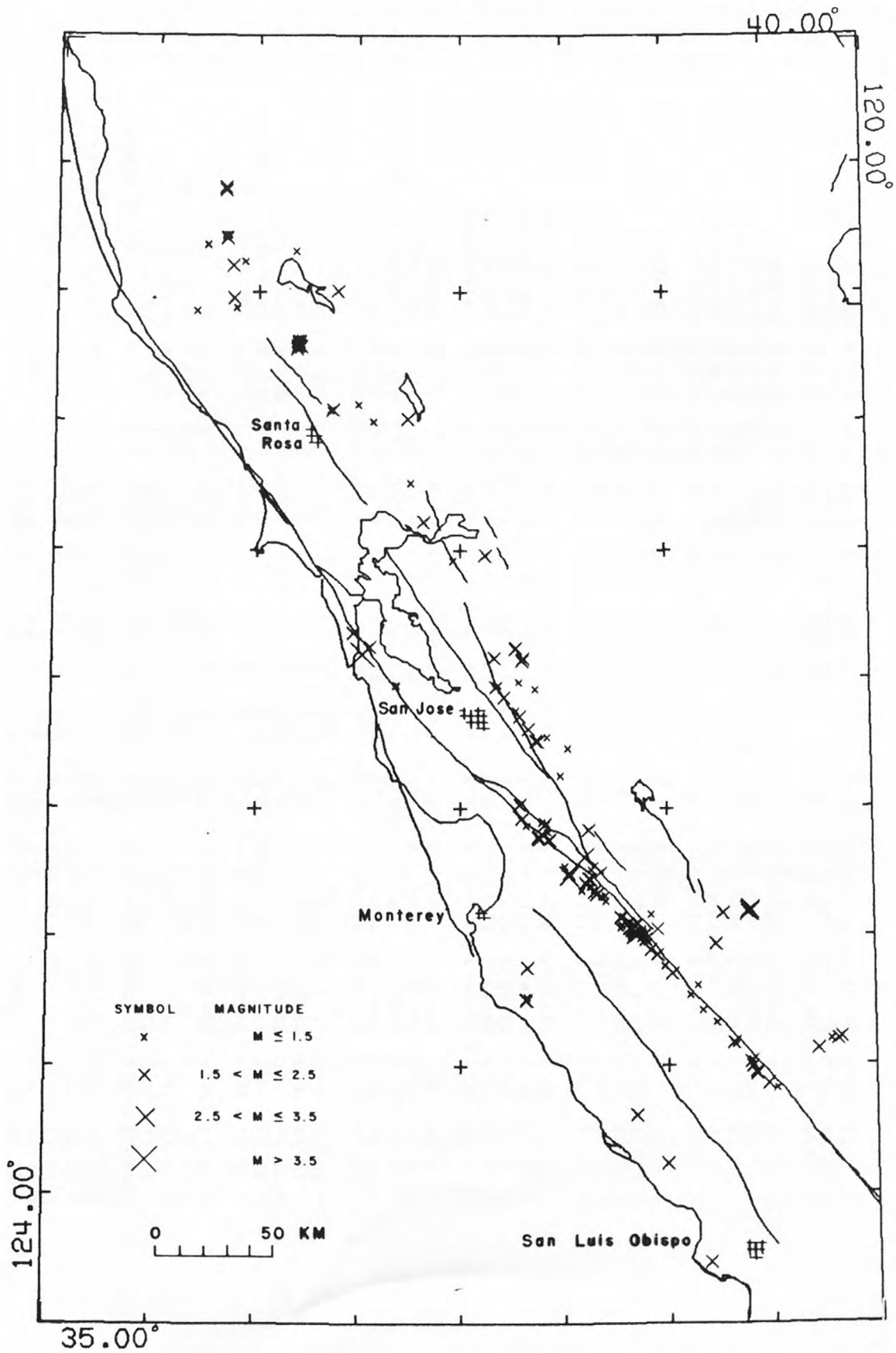
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Menlo Park, California

1981

Open-file report
(United States
Geological Survey)

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USGS PRELIMINARY EPICENTERS - APRIL 1979

CENTRAL CALIFORNIA EARTHQUAKES--APRIL 1979

1979	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
APR	2	4	0	57.5	39-13.6	123- 9.2	0.8	1.2	9	78	12.6	0.11	0.7	0.6	B	UKIAH
	2	7	43	36.2	39- 9.9	122-49.1	7.1	1.4	11	129	4.0	0.12	0.8	1.0	B	BARTLETT MTN
	2	11	49	9.7	38-48.1	122-47.7	1.1	1.3	14	65	0.7	0.07	0.2	0.2	A	THE GEYSERS
	2	15	29	53.5	37-35.7	121-50.1	5.9	2.0	36	61	8.3	0.21	0.6	0.8	B	LA COSTA VALLEY
	2	21	18	34.8	39-13.4	123- 9.7	0.5	1.7	16	76	12.1	0.18	0.7	0.7	C	UKIAH
	2	21	18	58.0	39-13.7	123-10.2	2.1	1.3	9	76	11.5	0.26	1.7		C	UKIAH
	2	21	19	42.1	39-13.5	123- 9.7	2.0	1.3	8	77	12.2	0.16	1.0		C	UKIAH
	3	15	58	19.2	36- 0.3	120-35.8	1.6	1.5	12	65	7.3	0.19	0.8	0.7	B	SMITH MTN
	3	17	26	7.1	39-24.7	123-10.0	0.8	1.4	6	140	12.7	0.03	0.1	0.2	B	NW 1/4 POTTER VALLEY
	3	17	40	15.0	39-24.6	123-10.1	0.5	1.5	10	139	12.7	0.08	0.9	1.5	B	NW 1/4 POTTER VALLEY
	3	17	48	47.3	37-14.2	121-28.8	6.2	1.1	15	160	13.4	0.15	0.8	4.7	C	MISSISSIPPI CREEK
	3	21	44	11.0	36- 1.3	120-36.2	3.6	1.7	13	104	5.4	0.20	1.6	2.2	B	SMITH MTN
	3	23	18	34.7	38-56.6	123- 6.7	4.2	1.2	12	69	7.0	0.07	0.4	0.4	B	HOPLAND
	4	4	41	7.4	39- 6.8	123- 7.8	3.5	1.6	13	69	5.2	0.17	0.9	1.0	B	ELLEDGE PEAK
	4	7	49	16.4	36-45.3	121-28.6	5.4	2.8	39	39	1.2	0.21	0.5	1.1	B	HOLLISTER
	4	8	31	16.3	36-45.5	121-28.5	5.5	1.6	38	48	1.5	0.21	0.5	0.7	B	HOLLISTER
	4	10	53	36.2	37-29.0	121-49.1	6.8	1.0	9	89	3.9	0.12	0.8	1.1	A	CALAVERAS RESERVOIR
	4	18	16	28.0	38-48.1	122-47.2	1.3	1.7	13	64	0.9	0.07	0.2	0.1	A	THE GEYSERS
	4	18	17	40.9	38-47.9	122-47.3	0.1	1.0	9	84	1.2	0.13	0.5	1.2	A	THE GEYSERS
	4	19	6	54.8	38-48.3	122-47.6	1.8	0.8	10	75	0.3	0.09	0.3	0.4	A	THE GEYSERS
	4	19	9	33.8	38-48.0	122-47.3	1.3	1.3	10	83	1.0	0.07	0.3	0.2	A	THE GEYSERS
	4	19	24	56.3	38-48.1	122-47.3	1.2	1.3	12	89	0.9	0.07	0.2	0.2	A	THE GEYSERS
	5	8	45	21.2	37-41.6	122-31.6	8.2	1.7	28	178	7.7	0.20	0.9	1.1	C	***GULF OF THE FARALLONES***
	5	9	31	60.0	36-38.8	121-17.9	4.1	1.3	21	36	3.1	0.17	0.5	1.1	B	PAICINES
	5	10	48	13.6	36- 6.2	120-13.0	7.5	1.1	16	234	19.7	0.19	2.1	2.0	C	AVENAL
	5	11	27	37.5	36-56.7	121-34.9	3.7	1.5	24	35	1.4	0.09	0.2	0.2	A	CHITTENDEN
	5	22	58	19.5	36-55.6	121-22.8	7.9	1.6	39	70	5.0	0.13	0.4	0.8	A	SAN FELIPE
	6	4	5	31.6	38-49.0	122-48.2	3.4	1.0	11	83	1.3	0.04	0.2	0.1	A	THE GEYSERS
	6	5	16	59.4	36-30.1	121- 6.5	2.9	1.5	13	100	6.0	0.27	1.2	1.0	B	SAN BENITO
	6	7	11	24.9	36-30.3	121- 6.9	5.1	1.5	12	96	5.5	0.26	1.6	1.9	B	SAN BENITO
	6	8	3	49.5	36-31.0	121- 7.0	0.4	1.6	13	87	3.8	0.14	0.5	0.5	A	SAN BENITO
	6	8	4	40.1	36-31.6	121- 7.3	0.4	1.2	7	83	4.4	0.08	0.5	0.5	A	SAN BENITO
	6	12	23	20.4	36-45.2	121-28.5	6.5	2.1	53	32	1.3	0.19	0.4	0.6	B	HOLLISTER
	6	14	5	28.3	37-15.9	121-37.8	5.8	1.3	19	96	3.8	0.09	0.4	0.5	B	LICK OBSERVATORY
	6	19	57	4.5	37-28.8	121-49.8	6.6	1.5	27	87	4.2	0.12	0.4	0.9	A	CALAVERAS RESERVOIR
	7	12	17	42.6	38-47.9	122-48.7	2.8	0.9	13	64	1.8	0.06	0.2	0.1	A	THE GEYSERS
	7	14	27	51.6	36-16.2	121-41.2	3.7	2.1	37	128	8.8	0.19	0.7	0.9	B	VENTANA CONES
	7	14	34	20.6	36-23.5	121- 1.0	5.9	1.5	24	65	3.7	0.11	0.3	0.8	A	TOPO VALLEY
	7	15	20	44.7	36-35.7	121- 4.9	12.6	1.5	15	49	5.1	0.09	0.4	0.4	A	SAN BENITO
	7	16	9	6.8	36-41.3	121-21.3	4.4	2.1	31	33	2.5	0.17	0.4	0.5	B	PAICINES
	7	17	49	1.0	36-16.0	121-41.2	8.5	2.5	42	130	8.6	0.20	0.7	0.7	B	VENTANA CONES
	7	18	54	18.0	36-16.4	121-41.0	5.7	1.4	8	171	9.3	0.04	0.6	3.0	C	VENTANA CONES
	8	0	22	45.1	36-46.7	121-29.8	3.2	1.1	19	80	2.3	0.21	0.8	0.5	B	HOLLISTER

CENTRAL CALIFORNIA EARTHQUAKES--APRIL 1979 (CONTINUED)

1979	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
APR	8	10	23	14.3	36-31.1	121- 7.1	0.5	1.3	9	87	3.9	0.13	0.6	0.6	A	SAN BENITO
	8	10	56	55.9	36- 5.1	120-40.6	8.6	1.3	12	72	4.9	0.07	0.4	0.7	A	SLACK CANYON
	9	8	34	26.0	36-33.6	121- 8.9	11.5	0.9	15	82	4.0	0.13	0.6	1.5	A	BICKMORE CANYON
	9	18	22	33.4	36-29.0	120-46.1	10.7	2.3	34	130	13.0	0.25	0.9	1.1	B	HERNANDEZ RESERVOIR
	9	23	59	22.0	38- 7.3	122-10.9	0.4	2.0	26	65	2.9	0.25	0.8	1.2	B	BENICIA
	10	0	10	56.7	36-32.5	121- 3.1	12.4	2.0	30	69	4.1	0.18	0.6	0.7	B	SAN BENITO
	10	8	44	13.6	36-36.8	120-36.3	6.8	2.5	30	187	17.6	0.18	0.8	1.8	C	MONOCLINE RIDGE
	10	9	32	46.6	36-36.4	120-36.8	5.1	1.7	7	216	17.1	0.18	2.1	1.2	C	MONOCLINE RIDGE
	10	15	0	18.9	36-35.2	121-13.0	6.1	0.9	13	95	2.8	0.14	0.7	1.3	B	BICKMORE CANYON
	10	17	9	12.0	36- 4.3	120-16.7	4.8	1.9	15	224	14.3	0.20	2.7	1.1	D	KREYENHAGEN HILLS
	10	17	35	20.6	38-48.3	122-47.7	1.9	1.1	12	63	0.3	0.06	0.2	0.2	A	THE GEYSERS
	11	8	13	38.7	36-32.2	121-10.5	7.9	1.8	25	66	4.5	0.27	0.8	1.8	B	BICKMORE CANYON
	11	14	50	54.4	37- 7.8	121-31.1	7.1	1.3	40	116	7.4	0.15	0.4	1.1	B	MT SIZER
	11	14	55	42.9	36-33.8	121-11.2	5.0	1.3	16	64	1.3	0.15	0.6	1.2	B	BICKMORE CANYON
	11	15	42	27.3	38-47.9	122-48.3	2.6	0.9	10	74	1.5	0.04	0.2	0.1	A	THE GEYSERS
	12	0	7	57.0	39-13.1	123-10.1	0.2	1.3	6	135	11.5	0.15	1.6	1.4	C	UKIAH
	12	3	51	49.6	36-26.6	121- 3.1	0.3	1.6	16	67	3.6	0.15	0.6	0.6	B	TOPO VALLEY
	12	9	12	49.9	38-48.8	122-48.0	3.3	1.2	16	73	0.8	0.07	0.2	0.2	A	THE GEYSERS
	12	10	7	34.8	36-54.8	121-34.6	6.7	1.0	13	64	3.4	0.09	0.4	0.8	A	CHITTENDEN
	12	11	18	48.5	36-31.0	121- 7.1	0.6	1.5	16	57	3.9	0.15	0.5	0.5	B	SAN BENITO
	12	13	48	32.4	37-29.0	122-18.8	13.9	1.1	17	113	8.1	0.07	0.7	0.3	B	WOODSIDE
	12	13	49	0.2	36-39.8	121-19.1	4.0	1.4	19	67	4.1	0.23	0.7	1.0	B	PAICINES
	12	14	32	29.1	37-28.9	122-19.2	13.5	1.4	21	100	8.2	0.14	0.6	0.6	B	WOODSIDE
	13	1	53	42.7	38-48.1	122-47.7	0.9	1.5	15	65	0.7	0.08	0.2	0.2	A	THE GEYSERS
	13	3	23	56.8	36-43.3	121-23.8	3.4	1.9	28	53	3.5	0.27	0.7	0.5	B	MT HARLAN
	13	4	36	24.7	37-37.9	121-44.0	5.2	2.3	37	73	8.4	0.20	0.5	0.4	B	ALTAMONT
	13	6	46	2.6	37-38.0	121-43.8	3.8	1.9	34	135	9.3	0.15	0.5	0.3	B	ALTAMONT
	13	9	30	36.6	38-49.5	122-46.7	2.7	1.3	12	77	2.3	0.09	0.4	0.3	A	THE GEYSERS
	13	15	36	48.5	38-49.2	122-48.1	2.7	1.3	16	48	1.5	0.09	0.3	0.2	A	THE GEYSERS
	13	20	55	36.9	36-22.2	120-58.8	3.7	1.8	25	61	7.1	0.16	0.5	0.8	B	LONOAK
	14	4	33	17.6	36-33.2	121- 9.4	8.8	1.6	27	53	3.7	0.17	0.5	1.1	B	BICKMORE CANYON
	14	16	6	55.7	36-31.2	121- 9.0	5.8	2.0	30	36	4.0	0.27	0.7	1.7	B	BICKMORE CANYON
	14	19	9	17.7	35-37.9	121- 0.4	2.8	1.9	11	178	48.2	0.14	1.5	1.1	C	PEBBLESTONE SHUT-IN
	15	10	11	8.3	38-47.9	122-48.1	2.2	1.2	15	71	1.3	0.05	0.2	0.1	A	THE GEYSERS
	15	13	2	36.5	38-47.6	122-48.5	3.0	2.3	29	50	2.0	0.10	0.2	0.1	A	THE GEYSERS
	15	15	4	56.8	36-58.2	121-42.3	10.4	1.8	37	52	2.1	0.16	0.4	0.7	B	WATSONVILLE EAST
	15	19	5	55.3	37-16.8	121-34.8	4.7	1.0	9	121	8.5	0.09	0.5	0.4	B	ISABEL VALLEY
	15	21	25	15.1	38-47.6	122-48.4	2.8	1.3	15	72	1.9	0.05	0.2	0.1	A	THE GEYSERS
	15	22	13	55.1	37- 1.6	121-42.8	4.7	1.7	20	72	3.3	0.09	0.3	0.3	A	MT MADONNA
	15	23	10	50.9	39- 1.0	122-36.4	4.2	1.6	17	125	10.1	0.16	0.7	4.1	C	SE 1/4 CLEARLAKE OAKS
	16	2	47	58.0	37-28.1	121-38.3	2.3	1.0	7	144	14.1	0.03	0.2	0.2	B	MT DAY
	16	7	30	17.6	38-48.3	122-47.8	3.0	1.6	21	62	0.4	0.09	0.2	0.1	A	THE GEYSERS
	16	13	6	58.7	38-31.2	122-15.6	5.3	1.5	7	105	17.4	0.24	2.3	2.9	C	CHILES VALLEY
	16	14	4	27.2	38-48.1	122-49.1	1.6	1.2	17	58	1.7	0.07	0.2	0.1	A	THE GEYSERS
	16	14	5	30.7	38-48.2	122-49.2	1.9	0.9	12	66	1.7	0.07	0.2	0.2	A	THE GEYSERS

CENTRAL CALIFORNIA EARTHQUAKES--APRIL 1979 (CONTINUED)

1979	HR	MIN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
APR	16	14	15	13.8	38-30.3	122-25.8	15.2	1.5	11	86	15.2	0.13	1.0	2.1	B	ST HELENA
	16	17	3	15.5	36-29.3	121- 6.1	4.1	1.2	11	106	3.4	0.21	1.2	2.7	B	TOPO VALLEY
	16	19	51	9.0	36-47.1	121-21.1	3.3	1.1	16	66	5.3	0.13	0.4	0.3	B	TRES PINOS
	16	20	30	33.2	36-29.3	121- 5.9	3.3	1.2	11	104	3.1	0.11	0.6	0.6	B	TOPO VALLEY
	17	8	11	16.9	37-22.0	121-42.8	6.6	2.2	38	82	3.9	0.16	0.4	0.7	B	LICK OBSERVATORY
	17	11	4	50.7	36-41.2	121-25.0	6.4	0.9	14	64	0.4	0.18	0.8	2.0	B	MT HARLAN
	17	11	22	10.2	36- 1.3	120-36.0	2.0	1.1	5	122	5.4	0.06	0.9	0.8	C	SMITH MTN
	17	11	45	47.2	38-49.1	122-48.8	1.3	0.9	12	95	2.1	0.09	0.3	0.3	B	THE GEYSERS
	17	13	1	13.2	36-41.3	121-21.3	3.7	1.0	14	66	2.5	0.18	0.7	0.8	B	PAICINES
	17	17	56	16.5	36-16.8	120-53.6	3.0	1.5	15	96	5.1	0.16	0.7	0.6	B	LONOAK
	17	18	3	11.9	37-58.0	122- 2.2	11.3	1.4	16	60	7.7	0.11	0.5	1.1	A	WALNUT CREEK
	18	0	24	40.1	36-13.2	120-50.1	8.2	1.5	13	94	3.7	0.11	0.6	1.2	B	MONARCH PEAK
	18	2	11	36.6	38-48.8	122-48.1	3.0	0.9	11	78	1.0	0.08	0.4	0.3	A	THE GEYSERS
	18	3	9	20.0	36-36.2	120-44.1	12.0	1.8	14	213	8.4	0.13	1.2	0.9	C	TUMEY HILLS
	18	4	15	24.0	36- 7.0	120-10.0	5.8	2.4	13	250	21.6	0.16	5.6	3.1	D	AVENAL
	18	4	21	16.9	36- 6.5	120-10.9	3.1	2.1	14	244	21.2	0.15	1.8	1.7	C	AVENAL
	18	4	31	4.3	38-48.0	122-48.3	2.3	1.3	12	67	1.2	0.07	0.3	0.2	A	THE GEYSERS
	18	9	42	27.3	38-49.0	122-48.8	2.0	0.8	10	101	2.0	0.06	0.2	0.2	B	THE GEYSERS
	18	10	15	32.6	38-47.8	122-48.7	2.9	0.9	11	67	2.0	0.06	0.3	0.2	A	THE GEYSERS
	18	10	36	1.9	37-26.5	121-47.3	5.4	1.6	34	76	1.4	0.13	0.4	0.3	A	CALAVERAS RESERVOIR
	18	23	42	16.8	38-48.2	122-47.6	2.2	1.2	9	78	0.4	0.05	0.2	0.2	A	THE GEYSERS
	19	9	40	37.3	38-47.9	122-48.5	1.7	1.0	11	64	1.6	0.06	0.2	0.2	A	THE GEYSERS
	19	15	22	48.8	36-31.6	121- 9.2	5.7	2.6	38	40	4.5	0.28	0.6	1.7	B	BICKMORE CANYON
	19	15	34	28.3	38-48.2	122-48.4	2.3	2.2	26	49	1.2	0.12	0.3	0.2	A	THE GEYSERS
	19	18	56	14.4	36-51.3	121-35.8	4.9	1.6	19	82	3.4	0.20	0.8	0.6	B	SAN JUAN BAUTISTA
	19	19	32	50.0	36-40.7	121-20.6	4.4	1.7	30	31	3.1	0.15	0.4	0.4	A	PAICINES
	20	9	23	36.7	36-37.3	120-36.1	7.1	2.8	42	191	17.6	0.20	1.0	1.2	C	MONOCLINE RIDGE
	20	16	27	50.4	36-44.2	121-22.8	5.2	2.0	33	56	3.3	0.18	0.5	0.9	B	MT HARLAN
	20	18	48	58.2	35-56.3	120-31.2	12.3	2.1	21	53	4.2	0.17	0.7	0.6	B	STOCKDALE MTN
	20	19	44	31.6	37-19.1	121-40.3	7.3	1.9	38	69	8.8	0.11	0.3	1.1	B	LICK OBSERVATORY
	21	0	59	19.6	36-31.7	121- 9.2	5.4	1.8	25	41	4.7	0.26	0.7	1.2	B	BICKMORE CANYON
	21	10	25	43.6	36-44.2	121-22.4	5.3	1.8	23	42	3.9	0.17	0.5	1.2	B	PAICINES
	21	20	19	3.0	35-49.2	121- 9.3	10.2	2.4	28	151	15.3	0.12	0.5	0.4	B	BURNETT PEAK
	21	21	59	56.8	39-25.1	123-10.2	4.0	1.5	9	146	12.3	0.06	0.5	0.5	B	NW 1/4 POTTER VALLEY
	21	23	3	18.6	36-33.0	121-13.2	11.4	0.9	10	82	3.9	0.13	1.0	1.8	B	BICKMORE CANYON
	21	23	3	47.7	35-59.0	120-34.7	1.4	1.6	12	112	9.7	0.18	0.7	0.6	B	STOCKDALE MTN
	22	1	8	17.6	36-27.7	121- 5.1	5.6	2.1	32	63	5.5	0.24	0.6	1.8	B	TOPO VALLEY
	22	2	54	13.1	35-58.8	120-34.6	1.5	1.6	12	111	10.0	0.20	0.8	0.7	C	STOCKDALE MTN
	22	3	11	8.3	38-48.8	122-48.1	3.1	0.8	11	76	0.9	0.07	0.3	0.2	A	THE GEYSERS
	22	3	28	7.4	36-32.6	121-13.8	9.6	1.3	19	83	5.1	0.17	0.7	1.6	B	BICKMORE CANYON
	22	4	48	18.1	38-49.6	122-47.6	2.1	0.9	9	77	1.4	0.08	0.4	0.3	A	THE GEYSERS
	22	4	54	16.6	35-54.9	120-28.8	3.4	1.4	7	73	3.5	0.04	0.3	0.2	A	PARKFIELD
	22	6	23	25.0	36-49.6	121-24.1	9.6	3.0	57	43	7.4	0.13	0.2	0.5	A	HOLLISTER
	22	6	54	51.1	36- 5.9	120-41.2	4.9	1.5	13	92	3.4	0.14	0.7	0.7	B	SLACK CANYON
	22	7	57	38.1	36-46.1	121-22.0	3.7	1.4	18	56	1.8	0.15	0.5	0.5	B	TRES PINOS

CENTRAL CALIFORNIA EARTHQUAKES--APRIL 1979 (CONTINUED)

1979	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
APR	22	11	55	42.6	38-48.1	122-48.5	2.1	0.9	10	62	1.5	0.03	0.1	0.1	A	THE GEYSERS
	22	12	40	54.9	36-51.2	121-35.3	4.8	1.8	37	40	3.4	0.21	0.5	0.5	B	SAN JUAN BAUTISTA
	22	14	36	19.7	39-11.3	123-15.3	8.5	1.1	6	121	4.2	0.06	0.6	1.1	B	NE 1/4 BOONVILLE
	22	17	48	19.5	38-47.9	122-48.4	1.7	1.3	11	65	1.5	0.06	0.2	0.2	A	THE GEYSERS
	23	4	10	44.5	38-48.4	122-48.5	3.0	0.8	9	108	1.3	0.06	0.3	0.2	B	THE GEYSERS
	23	4	58	20.1	38-48.3	122-48.4	1.9	1.2	11	76	1.2	0.06	0.2	0.2	A	THE GEYSERS
	23	7	15	54.3	38-48.4	122-48.6	2.8	0.9	9	109	1.4	0.06	0.3	0.2	B	THE GEYSERS
	23	8	20	48.4	37-16.3	121-38.1	4.6	2.3	65	67	3.6	0.14	0.3	0.2	A	LICK OBSERVATORY
	23	15	41	31.8	38-48.1	122-48.3	2.0	0.9	11	67	1.2	0.04	0.2	0.1	A	THE GEYSERS
	23	18	9	4.7	36-56.3	121-40.8	9.5	1.2	19	54	2.0	0.14	0.5	1.0	A	WATSONVILLE EAST
	23	18	12	33.7	35-14.8	120-48.4	5.5	2.4	11	234	3.8	0.27	3.3	1.8	D	PORT SAN LUIS
	23	20	44	20.5	38-48.6	122-48.4	2.9	0.8	11	76	1.2	0.06	0.3	0.2	A	THE GEYSERS
	24	1	6	36.2	36-40.1	121-18.2	5.0	1.0	14	81	2.7	0.15	0.7	1.3	B	PAICINES
	24	6	18	44.7	36-45.8	121-19.4	4.6	1.6	23	65	2.7	0.12	0.4	0.5	A	TRES PINOS
	24	7	33	26.8	38-48.6	122-48.4	2.0	0.8	11	75	1.2	0.06	0.2	0.2	A	THE GEYSERS
	24	10	32	5.4	36-31.8	121- 9.9	7.3	2.2	34	39	4.5	0.28	0.7	1.5	B	BICKMORE CANYON
	24	12	55	15.9	36-31.6	121- 9.8	7.6	2.1	38	38	4.2	0.29	0.7	1.5	B	BICKMORE CANYON
	24	15	45	40.9	38-55.9	123-18.4	1.6	1.3	7	144	10.0	0.06	0.5	0.5	B	NE 1/4 ORNBAUN VALLEY
	25	19	5	45.1	38-16.0	122-14.7	1.6	1.5	5	104	3.0	0.02	0.3	0.2	C	MT GEORGE
	25	21	19	31.3	37-59.6	121-52.8	14.9	1.7	26	79	9.2	0.21	0.8	0.5	B	CLAYTON
	25	21	24	53.0	38-49.2	122-48.9	1.9	0.7	10	112	2.4	0.06	0.3	0.2	B	THE GEYSERS
	26	1	22	38.9	38-48.3	122-47.8	2.2	0.9	12	72	0.3	0.04	0.2	0.1	A	THE GEYSERS
	26	4	14	23.8	38-33.4	122-37.8	4.9	1.8	23	100	4.5	0.21	0.8	2.1	B	MARK WEST SPRINGS
	26	5	15	9.9	38-32.8	122-38.4	3.5	1.3	12	106	4.1	0.09	0.4	0.4	B	MARK WEST SPRINGS
	26	10	14	4.8	37-23.1	121-43.9	4.7	1.2	15	83	3.5	0.10	0.4	0.3	A	MT DAY
	26	13	42	30.2	36-19.0	120-51.4	6.6	1.4	13	78	6.4	0.19	0.9	1.8	B	HEPSEDAM PEAK
	26	14	37	35.6	38-48.5	122-48.5	2.0	1.2	12	74	1.3	0.05	0.2	0.1	A	THE GEYSERS
	27	5	0	39.6	38-48.4	122-48.1	1.1	1.3	13	66	0.7	0.11	0.4	0.3	A	THE GEYSERS
	27	8	25	45.4	38-59.3	123- 7.5	4.9	1.7	26	74	7.9	0.14	0.4	0.7	B	HOPLAND
	27	8	32	19.2	38-49.3	122-47.9	1.7	1.3	10	91	1.7	0.10	0.4	0.3	B	THE GEYSERS
	27	8	37	33.0	37-16.2	121-37.5	6.7	1.5	32	105	4.4	0.10	0.3	0.8	B	LICK OBSERVATORY
	27	11	4	35.3	37-38.3	122-26.7	10.5	1.6	36	82	2.6	0.15	0.5	0.5	B	SAN FRANCISCO SOUTH
	27	14	57	50.3	36-57.1	121-35.4	5.6	1.5	42	37	0.9	0.12	0.3	0.6	A	CHITTENDEN
	27	21	6	58.4	36-35.3	121-13.6	6.1	1.6	23	66	3.7	0.15	0.5	1.1	B	BICKMORE CANYON
	28	0	44	44.6	37-37.3	122-28.9	12.6	3.6	61	158	1.8	0.24	0.7	0.4	C	MONTARA MTN
	28	0	52	35.1	38-34.2	122-30.2	13.6	1.1	13	160	10.7	0.09	0.7	1.4	B	CALISTOGA
	28	6	32	55.0	36-10.3	120-46.0	7.3	1.4	12	66	5.5	0.12	0.6	1.2	A	MONARCH PEAK
	28	8	54	16.6	36-42.3	121-22.3	2.8	1.4	22	74	2.6	0.23	0.7	0.6	B	PAICINES
	28	9	14	58.8	36-42.1	121-22.2	0.7	1.1	14	71	2.6	0.19	0.6	0.6	B	PAICINES
	28	11	25	12.5	37-29.7	121-43.0	6.3	0.8	6	110	8.3	0.09	0.9	4.8	B	MT DAY
	28	12	43	36.3	38-48.0	122-48.6	1.9	0.8	10	65	1.6	0.03	0.1	0.1	A	THE GEYSERS
	28	18	23	38.0	38-48.4	122-47.6	1.7	1.2	10	65	0.2	0.08	0.3	0.2	A	THE GEYSERS
	28	21	25	49.7	36-32.7	121-11.0	8.2	1.9	33	42	3.5	0.18	0.5	1.0	B	BICKMORE CANYON
	29	1	16	49.9	38-49.3	122-48.0	1.6	2.0	26	47	1.7	0.11	0.2	0.2	A	THE GEYSERS
	29	2	11	34.6	36-53.4	121-34.1	6.5	2.3	52	30	2.1	0.17	0.3	0.7	B	CHITTENDEN

CENTRAL CALIFORNIA EARTHQUAKES--APRIL 1979 (CONTINUED)

1979	HR	MN	SEC	LAT N	LONG W	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	QUADRANGLE	
APR	29	19	39	39- 7.4	123- 4.3	3.0	1.1	10	110	0.9	0.15	0.9	0.4	B	PURDYS GARDENS	
	30	2	4	55.5	36-57.0	121-36.5	3.6	1.3	15	63	2.3	0.12	0.5	0.3	A	CHITTENDEN
	30	5	23	33.7	36-23.7	121-40.8	8.5	1.6	22	167	13.3	0.19	1.1	2.9	C	CARMEL VALLEY
	30	7	37	34.4	35-58.6	120-34.6	3.2	1.6	13	58	9.8	0.23	1.0	1.4	B	STOCKDALE MTN
	30	13	15	41.1	37-35.6	121-41.7	6.7	1.9	37	64	5.1	0.16	0.4	0.6	B	MENDENHALL SPRINGS
	30	14	19	35.5	37-35.1	121-42.0	4.1	2.1	22	71	5.6	0.16	0.5	0.4	B	MENDENHALL SPRINGS
	30	14	37	45.1	37-35.1	121-42.1	4.2	2.2	28	59	5.9	0.14	0.4	0.3	B	MENDENHALL SPRINGS

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