



Modified Mercalli Intensities For Some California North-Coast Earthquakes

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Open-File Report 99-171

1999

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U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

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Abstract

Modified Mercalli Intensity (*MMI*) data are used by Bakun (in preparation) to estimate the location and moment magnitude *M* of California north-coast earthquakes from *MMI* observations only. The *MMI* data and site corrections used by Bakun (in preparation) are listed in this Open-file Report. This report is also accessible at <http://quake.wr.usgs.gov/~bakun/>.

Explanation of Table 1

Intensity observations have been obtained from several sources that assign intensity values according to descriptions in the Modified Mercalli Intensity (*MMI*) scale proposed by Wood and Neumann (1931): Topozada *et al.* (1981) for earthquakes before 1900, Topozada *et al.* (1982) for the 29 October 1909 and 22 January 1923 earthquakes, Townley and Allen (1939) for the 31 January 1922 shock, *United States Earthquakes* for earthquakes in the interval 1931-1986 [Neumann (1934, 1936, 1938, 1943), Bodle and Murphy (1947), Murphy and Cloud (1953, 1956), Brazee and Cloud (1958), Talley and Cloud (1962), Lander and Cloud (1964), Stover and von Hake (1982), and Stover and Brewer (1994)], and Dreger *et al.* (1995) for the 17 August 1991 earthquake. Unpublished intensity data of the U S Geological Survey (J. W. Dewey, written communication, 1997) were used for the 31 July 1987, 25 April 1992, and 1 September 1994 earthquakes.

The Modified Mercalli observations (*MMI*) in Table 1 are listed in chronological order, then by decreasing *MMI*, and finally by community name in alphabetical order. The site corrections listed for 8 sites for the 15 April 1898 earthquake were determined by Bakun and Wentworth (1997).

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Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
10-23-1853	Eureka	CA	6	124.163	40.802		
11-13-1860	Eureka	CA	7	124.163	40.802		
10-1-1865	Eureka	CA	7	124.163	40.802		
10-1-1865	Fort Humboldt	CA	7	124.188	40.777		
3-2-1871	Mattole	CA	8	124.284	40.322		
3-2-1871	Bucksport	CA	7	124.191	40.775		
3-2-1871	Cape Mendocino Light House	CA	7	124.406	40.440		
3-2-1871	Eureka	CA	7	124.163	40.802		
3-2-1871	Hydesville	CA	7	124.096	40.548		
3-2-1871	Rohnerville	CA	7	124.134	40.567		
3-2-1871	Centerville	CA	6	124.347	40.575		
3-2-1871	Weaverville	CA	4	122.941	40.731		
3-2-1871	Caparum	CA	3	123.540	41.250		
3-2-1871	Orleans	CA	3	123.540	41.302		
11-23-1873	Smith River Valley	CA	8	124.146	41.928		
11-23-1873	Crescent City	CA	7	124.201	41.756		
11-23-1873	Grants Pass	OR	7	123.327	42.439		
11-23-1873	Jacksonville	OR	7	122.966	42.314		
11-23-1873	Weaverville	CA	6	122.941	40.731		
11-23-1873	Eureka	CA	5.5	124.163	40.802		
11-23-1873	Indian Creek	CA	5.5	122.913	40.658		
11-23-1873	Red Bluff	CA	5.5	122.235	40.179		
11-23-1873	Scott Bar	CA	5.5	123.003	41.742		
11-23-1873	Scott Valley	CA	5.5	122.855	41.601		
11-23-1873	Yreka	CA	5.5	122.633	41.736		
11-23-1873	Bogus	CA	5	122.363	41.927		
11-23-1873	Sacramento	CA	5	121.493	38.582		
11-23-1873	Ashland	OR	4.5	122.708	42.195		
11-23-1873	Cottonwood	CA	4.5	122.280	40.386		
11-23-1873	Roseburg	OR	4.5	123.341	43.217		
9-30-1875	Eureka	CA	7	124.163	40.802		
9-30-1875	Arcata	CA	5	124.082	40.867		
9-30-1875	Weaverville	CA	5	122.941	40.731		
5-9-1878	Petrolia	CA	7	124.286	40.326		
5-9-1878	Big Flat	CA	6	124.183	40.132		
5-9-1878	Grizzly Bluff	CA	6	124.170	40.562		
5-9-1878	Albion	CA	5.5	123.768	39.224		
5-9-1878	Bear River	CA	5.5	124.389	40.477		
5-9-1878	Kibesillah	CA	5.5	123.777	39.590		
5-9-1878	Eureka	CA	5	124.163	40.802		
5-9-1878	Ferndale	CA	5	124.263	40.576		
5-9-1878	Point Arena	CA	5	123.692	38.909		
5-9-1878	Red Bluff	CA	5	122.235	40.179		
5-9-1878	Sacramento	CA	5	121.493	38.582		
5-9-1878	Shelter Cove	CA	5	124.072	40.031		
5-9-1878	Ukiah	CA	5	123.207	39.150		

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Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI-Site Corr
5-9-1878	Williams	CA	5	122.148	39.155		
5-9-1878	Casper	CA	4.5	123.815	39.364		
5-9-1878	Cuffey's Cove	CA	4.5	123.730	39.141		
5-9-1878	Mendocino	CA	4.5	123.798	39.308		
5-9-1878	Westport	CA	4.5	123.782	39.636		
5-9-1878	Lakeport	CA	4	122.915	39.043		
1-28-1884	Fort Jones	CA	5	122.839	41.608		
7-26-1890	Grizzly Bluff	CA	7	124.170	40.562		
7-26-1890	Petrolia	CA	7	124.286	40.326		
7-26-1890	Arcata	CA	5.5	124.082	40.867		
7-26-1890	Crescent City	CA	5	124.201	41.756		
7-26-1890	Eureka	CA	5	124.163	40.802		
7-26-1890	Mendocino	CA	5	123.798	39.308		
7-26-1890	Weaverville	CA	4	122.941	40.731		
9-30-1894	South Humboldt Co.	CA	7	124.200	40.200		
9-30-1894	Eureka	CA	5	124.163	40.802		
9-30-1894	Shasta	CA	5	122.491	40.599		
9-30-1894	Long Ridge	CA	4	123.333	40.076		
4-15-1898	Greenwood	CA	9	123.718	39.135		
4-15-1898	Noyo	CA	9	123.802	39.428		
4-15-1898	Little River	CA	8	123.787	39.271		
4-15-1898	Mendocino	CA	8	123.798	39.308		
4-15-1898	Comptche	CA	7	123.590	39.265		
4-15-1898	Fort Bragg	CA	7	123.804	39.446		
4-15-1898	Pine Grove	CA	7	123.813	39.349		
4-15-1898	Ukiah	CA	7	123.207	39.150	1.19	5.81
4-15-1898	Albion	CA	6	123.768	39.224		
4-15-1898	Point Arena	CA	6	123.692	38.909		
4-15-1898	Berkeley	CA	5	122.272	37.872	-0.02	5.02
4-15-1898	Eureka	CA	5	124.163	40.802		
4-15-1898	Red Bluff	CA	5	122.235	40.179	0.36	4.64
4-15-1898	San Francisco	CA	5	122.418	37.775	1.18	3.82
4-15-1898	Santa Rosa	CA	5	122.713	38.441	0.41	4.59
4-15-1898	Willows	CA	5	122.193	39.524	-0.54	5.54
4-15-1898	Lytton Springs	CA	4.5	122.871	38.659		4.50
4-15-1898	Oakland	CA	4.5	122.270	37.804	-0.14	4.64
4-15-1898	Port Costa	CA	4.5	122.182	38.046	-0.33	4.83
4-16-1899	Eureka	CA	6	124.163	40.802		
4-16-1899	Arcata	CA	5	124.082	40.867		
4-16-1899	Crescent City	CA	5	124.201	41.756		
4-16-1899	Ferndale	CA	5	124.263	40.576		
10-29-1909	Newburg	CA	8	124.124	40.600		
10-29-1909	Rio Dell	CA	8	124.105	40.499		
10-29-1909	Rohnerville	CA	8	124.134	40.567		
10-29-1909	Fortuna	CA	7.5	124.156	40.598		
10-29-1909	Upper Mattole	CA	7.5	124.165	40.252		

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Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
10-29-1909	Eureka	CA	7	124.163	40.802		
10-29-1909	Ferndale	CA	7	124.263	40.576		
10-29-1909	Hayfork	CA	7	123.182	40.554		
10-29-1909	Scotia	CA	7	124.100	40.483		
10-29-1909	Blocksburg	CA	5	123.635	40.276		
10-29-1909	Crescent City	CA	5	124.201	41.756		
10-29-1909	Redding	CA	5	122.391	40.587		
10-29-1909	Sisson	CA	5	122.309	41.310		
10-29-1909	Willows	CA	5	122.193	39.524		
10-29-1909	Grass Valley	CA	4	121.060	39.219		
10-29-1909	Mendocino	CA	4	123.798	39.308		
10-29-1909	Weaverville	CA	4	122.941	40.731		
10-29-1909	Chico	CA	3	121.836	39.729		
1-31-1922	Eureka	CA	5	124.163	40.802		
1-31-1922	Red Bluff	CA	4	122.235	40.179		
1-31-1922	San Francisco	CA	3	122.418	37.775		
1-31-1922	Roseburg	OR	5	123.341	43.217		
1-31-1922	Eugene	OR	3	123.086	44.052		
1-22-1923	Ferndale	CA	8	124.263	40.576		
1-22-1923	Pepperwood	CA	8	123.992	40.446		
1-22-1923	Petrolia	CA	8	124.286	40.326		
1-22-1923	Scotia	CA	7.5	124.100	40.483		
1-22-1923	Upper Mattole	CA	7.5	124.165	40.252		
1-22-1923	Alton	CA	7	124.140	40.548		
1-22-1923	Dyerville	CA	7	123.925	40.356		
1-22-1923	Fortuna	CA	7	124.156	40.598		
1-22-1923	Loleta	CA	7	124.224	40.641		
1-22-1923	Ocean House	CA	7	124.398	40.431		
1-22-1923	Arcata	CA	6	124.082	40.867		
1-22-1923	Carlotta	CA	5	124.059	40.538		
1-22-1923	Chico	CA	5	121.836	39.729		
1-22-1923	Corning	CA	5	122.178	39.928		
1-22-1923	Kennett	CA	5	122.406	40.742		
1-22-1923	Los Molinos	CA	5	122.099	40.021		
1-22-1923	Meridian	CA	5	121.913	39.143		
1-22-1923	Montgomery Creek	CA	5	121.923	40.842		
1-22-1923	Red Bluff	CA	5	122.235	40.179		
1-22-1923	Redding	CA	5	122.391	40.587		
1-22-1923	San Francisco	CA	5	122.418	37.775		
1-22-1923	Santa Rosa	CA	5	122.713	38.441		
1-22-1923	Ukiah	CA	5	123.207	39.150		
1-22-1923	Willows	CA	5	122.193	39.524		
1-22-1923	Sacramento	CA	4.5	121.493	38.582		
1-22-1923	Cecilville	CA	4	123.139	41.141		
1-22-1923	Sisson	CA	4	122.309	41.310		
1-22-1923	Yreka	CA	4	122.633	41.736		

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Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
6-6-1932	Arcata	CA	8	124.082	40.867		
6-6-1932	Bayside	CA	8	124.063	40.843		
6-6-1932	Beatrice	CA	8	124.201	40.670		
6-6-1932	Eureka	CA	8	124.163	40.802		
6-6-1932	Fields Landing	CA	8	124.214	40.725		
6-6-1932	Loleta	CA	8	124.224	40.641		
6-6-1932	Samoa	CA	8	124.185	40.819		
6-6-1932	Blue Lake	CA	7	123.983	40.883		
6-6-1932	Ferndale	CA	7	124.263	40.576		
6-6-1932	Kneeland	CA	7	123.994	40.761		
6-6-1932	Bridgeville	CA	6	123.799	40.469		
6-6-1932	Crannell	CA	6	124.084	41.012		
6-6-1932	Crescent City	CA	6	124.201	41.756		
6-6-1932	Fort Jones	CA	6	122.839	41.608		
6-6-1932	Fortuna	CA	6	124.156	40.598		
6-6-1932	Korbel	CA	6	123.957	40.871		
6-6-1932	Alderpoint	CA	5	123.611	40.176		
6-6-1932	Alton	CA	5	124.140	40.548		
6-6-1932	Ashland	CA	5	122.708	42.195		
6-6-1932	Benbow	CA	5	123.783	40.069		
6-6-1932	Bieber	CA	5	121.143	41.121		
6-6-1932	Capetown	CA	5	124.366	40.466		
6-6-1932	Dyerville	CA	5	123.925	40.356		
6-6-1932	Fernbridge	CA	5	124.200	40.616		
6-6-1932	Forks Of Salmon	CA	5	123.330	41.260		
6-6-1932	Fort Dick	CA	5	124.148	41.868		
6-6-1932	Garberville	CA	5	123.794	40.100		
6-6-1932	Hydesville	CA	5	124.096	40.548		
6-6-1932	Little River	CA	5	123.787	39.271		
6-6-1932	Longvale	CA	5	123.429	39.555		
6-6-1932	Montgomery Creek	CA	5	121.923	40.842		
6-6-1932	Mount Shasta	CA	5	122.309	41.310		
6-6-1932	Orick	CA	5	124.059	41.287		
6-6-1932	Round Mountain	CA	5	121.941	40.794		
6-6-1932	Scotia	CA	5	124.100	40.483		
6-6-1932	Shively	CA	5	123.969	40.431		
6-6-1932	Somes Bar	CA	5	123.475	41.376		
6-6-1932	Upper Mattole	CA	5	124.165	40.252		
6-6-1932	Weitchpec	CA	5	123.707	41.188		
6-6-1932	Westport	CA	5	123.782	39.636		
6-6-1932	Willow Creek	CA	5	123.630	40.940		
6-6-1932	Anderson	CA	4	122.297	40.448		
6-6-1932	Baird	CA	4	122.295	40.793		
6-6-1932	Bayles	CA	4	122.641	40.149		
6-6-1932	Black Bear	CA	4	123.180	41.240		
6-6-1932	Blocksburg	CA	4	123.635	40.276		

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Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
6-6-1932	Briceland	CA	4	123.899	40.108		
6-6-1932	Burney	CA	4	121.660	40.883		
6-6-1932	Carrville	CA	4	122.703	41.065		
6-6-1932	Castella	CA	4	122.317	41.139		
6-6-1932	Cecilville	CA	4	123.139	41.141		
6-6-1932	Chico	CA	4	121.836	39.729		
6-6-1932	Clipper Mills	CA	4	121.156	39.533		
6-6-1932	Colusa	CA	4	122.008	39.214		
6-6-1932	Copco	CA	4	122.360	41.983		
6-6-1932	Cottonwood	CA	4	122.280	40.386		
6-6-1932	Dedrick	CA	4	123.036	40.863		
6-6-1932	Del Loma	CA	4	123.331	40.779		
6-6-1932	Dos Rios	CA	4	123.352	39.717		
6-6-1932	Dunsmuir	CA	4	122.271	41.208		
6-6-1932	Durham	CA	4	121.799	39.646		
6-6-1932	Edgewood	CA	4	122.431	41.458		
6-6-1932	Etna	CA	4	122.894	41.457		
6-6-1932	Ettersburg	CA	4	123.996	40.139		
6-6-1932	Fort Bragg	CA	4	123.804	39.446		
6-6-1932	French Gulch	CA	4	122.637	40.701		
6-6-1932	Grass Valley	CA	4	121.060	39.219		
6-6-1932	Greenville	CA	4	120.950	40.140		
6-6-1932	Happy Camp	CA	4	123.378	41.793		
6-6-1932	Harris	CA	4	123.658	40.084		
6-6-1932	Hartsook	CA	4	123.790	40.010		
6-6-1932	Hoopa	CA	4	123.673	41.051		
6-6-1932	Horse Creek	CA	4	122.996	41.824		
6-6-1932	Hyampom	CA	4	123.451	40.618		
6-6-1932	Junction City	CA	4	123.053	40.733		
6-6-1932	Mendocino	CA	4	123.798	39.308		
6-6-1932	Millville	CA	4	122.174	40.549		
6-6-1932	Mina	CA	4	123.357	39.965		
6-6-1932	Minersville	CA	4	122.782	40.851		
6-6-1932	Miranda	CA	4	123.823	40.235		
6-6-1932	Montague	CA	4	122.527	41.728		
6-6-1932	Nevada City	CA	4	121.015	39.262		
6-6-1932	Palo Cedro	CA	4	122.238	40.564		
6-6-1932	Paradise	CA	4	121.621	39.760		
6-6-1932	Peanut	CA	4	123.168	40.468		
6-6-1932	Piercy	CA	4	123.794	39.966		
6-6-1932	Point Cabrillo Light Station	CA	4	123.826	39.349		
6-6-1932	Pollock	CA	4	122.385	40.917		
6-6-1932	Redding	CA	4	122.391	40.587		
6-6-1932	Salyer	CA	4	123.583	40.890		
6-6-1932	Scott Bar	CA	4	123.003	41.742		
6-6-1932	Shasta	CA	4	122.491	40.599		

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Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
6-6-1932	Smith River	CA	4	124.146	41.928		
6-6-1932	Trinity Alps	CA	4	122.889	40.858		
6-6-1932	Trinity Center	CA	4	122.700	41.010		
6-6-1932	Ukiah	CA	4	123.207	39.150		
6-6-1932	Waddington	CA	4	124.201	40.567		
6-6-1932	Weaverville	CA	4	122.941	40.731		
6-6-1932	Weed	CA	4	122.385	41.423		
6-6-1932	Whitlow	CA	4	123.796	40.315		
6-6-1932	Willits	CA	4	123.354	39.410		
6-6-1932	Yreka	CA	4	122.633	41.736		
6-6-1932	Zenia	CA	4	123.491	40.206		
6-6-1932	Bodega	CA	3	122.973	38.345		
6-6-1932	Branscomb	CA	3	123.624	39.654		
6-6-1932	Callahan	CA	3	122.800	41.310		
6-6-1932	Calpella	CA	3	123.203	39.234		
6-6-1932	Challenge	CA	3	121.223	39.488		
6-6-1932	Dorris	CA	3	121.917	41.968		
6-6-1932	Fern	CA	3	121.931	40.688		
6-6-1932	Forest	CA	3	120.852	39.491		
6-6-1932	Forest Glen	CA	3	123.324	40.373		
6-6-1932	Foresthill	CA	3	120.817	39.020		
6-6-1932	Gerber	CA	3	122.149	40.056		
6-6-1932	Grenada	CA	3	122.519	41.647		
6-6-1932	Hamburg	CA	3	123.059	41.783		
6-6-1932	Hayfork	CA	3	123.182	40.554		
6-6-1932	Hazel Creek	CA	3	122.360	41.070		
6-6-1932	Hilt	CA	3	122.622	41.995		
6-6-1932	Hornbrook	CA	3	122.555	41.910		
6-6-1932	Inwood	CA	3	121.956	40.524		
6-6-1932	Larkspur	CA	3	122.512	37.938		
6-6-1932	Laytonville	CA	3	123.482	39.688		
6-6-1932	Lewiston	CA	3	122.806	40.708		
6-6-1932	Log Cabin	CA	3	121.070	39.440		
6-6-1932	Magalia	CA	3	121.577	39.812		
6-6-1932	Old Station	CA	3	121.430	40.675		
6-6-1932	Quincy	CA	3	120.946	39.937		
6-6-1932	Red Bluff	CA	3	122.235	40.179		
6-6-1932	San Francisco	CA	3	122.418	37.775		
6-6-1932	Sattley	CA	3	120.426	39.616		
6-6-1932	Seiad Valley	CA	3	123.191	41.841		
6-6-1932	Tomales	CA	3	122.904	38.246		
6-6-1932	Twain	CA	3	121.071	40.020		
6-6-1932	White Horse	CA	3	121.397	41.311		
6-6-1932	Yuba City	CA	3	121.616	39.141		
7-6-1934	Crescent City	CA	5	124.201	41.756		
7-6-1934	Eureka	CA	5	124.163	40.802		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
7-6-1934	Arcata	CA	4	124.082	40.867		
7-6-1934	Bridgeville	CA	4	123.799	40.469		
7-6-1934	Carlotta	CA	4	124.059	40.538		
7-6-1934	Fortuna	CA	4	124.156	40.598		
7-6-1934	Gold Beach	OR	4	124.421	42.408		
7-6-1934	North Bend	OR	4	124.223	43.407		
7-6-1934	Petrolia	CA	4	124.286	40.326		
7-6-1934	Scotia	CA	4	124.100	40.483		
7-6-1934	Benbow	CA	3	123.783	40.069		
7-6-1934	Brookings	OR	3	124.283	42.053		
7-6-1934	Cape Mendocino	CA	3	124.406	40.440		
7-6-1934	Charleston	OR	3	124.329	43.340		
7-6-1934	Grants Pass	OR	3	123.327	42.439		
7-6-1934	Kneeland	CA	3	123.994	40.761		
7-6-1934	Orick	CA	3	124.059	41.287		
6-3-1936	Ferndale	CA	5	124.263	40.576		
6-3-1936	Punta Gorda Light Station	CA	5	124.349	40.249		
6-3-1936	Upper Mattole	CA	5	124.165	40.252		
6-3-1936	Weott	CA	5	123.921	40.322		
6-3-1936	Arcata	CA	4	124.082	40.867		
6-3-1936	Bayside	CA	4	124.063	40.843		
6-3-1936	Benbow	CA	4	123.783	40.069		
6-3-1936	Blocksburg	CA	4	123.635	40.276		
6-3-1936	Briceland	CA	4	123.899	40.108		
6-3-1936	Bridgeville	CA	4	123.799	40.469		
6-3-1936	Cape Mendocino	CA	4	124.406	40.440		
6-3-1936	Capetown	CA	4	124.366	40.466		
6-3-1936	Eureka	CA	4	124.163	40.802		
6-3-1936	Fernbridge	CA	4	124.200	40.616		
6-3-1936	Fields Landing	CA	4	124.214	40.725		
6-3-1936	Fort Bragg	CA	4	123.804	39.446		
6-3-1936	Fortuna	CA	4	124.156	40.598		
6-3-1936	Garberville	CA	4	123.794	40.100		
6-3-1936	Harris	CA	4	123.658	40.084		
6-3-1936	Holmes	CA	4	123.939	40.419		
6-3-1936	Korbel	CA	4	123.957	40.871		
6-3-1936	Philo	CA	4	123.444	39.066		
6-3-1936	Rohnerville	CA	4	124.134	40.567		
6-3-1936	Samoa	CA	4	124.185	40.819		
6-3-1936	Scotia	CA	4	124.100	40.483		
6-3-1936	Trinidad	CA	4	124.142	41.059		
6-3-1936	Westport	CA	4	123.782	39.636		
6-3-1936	Weymouth Inn	CA	4	124.165	40.531		
6-3-1936	Whitlow	CA	4	123.796	40.315		
6-3-1936	Alderpoint	CA	3	123.611	40.176		
6-3-1936	Alton	CA	3	124.140	40.548		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
6-3-1936	Branscomb	CA	3	123.624	39.654		
6-3-1936	Carlotta	CA	3	124.059	40.538		
6-3-1936	Comptche	CA	3	123.590	39.265		
6-3-1936	Crescent City	CA	3	124.201	41.756		
6-3-1936	Dos Rios	CA	3	123.352	39.717		
6-3-1936	Ettersburg	CA	3	123.996	40.139		
6-3-1936	Hyampom	CA	3	123.451	40.618		
6-3-1936	Hydesville	CA	3	124.096	40.548		
6-3-1936	Little River	CA	3	123.787	39.271		
6-3-1936	Manchester	CA	3	123.687	38.970		
6-3-1936	Petrolia	CA	3	124.286	40.326		
6-3-1936	Piercy	CA	3	123.794	39.966		
6-3-1936	Redwood Valley	CA	3	123.203	39.266		
6-3-1936	Rio Del	CA	3	124.105	40.499		
6-3-1936	Salyer	CA	3	123.583	40.890		
6-3-1936	Smith River	CA	3	124.146	41.928		
6-3-1936	Waddington	CA	3	124.201	40.567		
6-3-1936	Willets	CA	3	123.354	39.410		
6-3-1936	Willow Creek	CA	3	123.630	40.940		
2-9-1941	Arcata	CA	6	124.082	40.867		
2-9-1941	Eureka	CA	6	124.163	40.802		
2-9-1941	Ferndale	CA	6	124.263	40.576		
2-9-1941	Punta Gorda Light Station	CA	6	124.349	40.249		
2-9-1941	Shelter Cove	CA	6	124.072	40.031		
2-9-1941	Bridgeville	CA	5	123.799	40.469		
2-9-1941	Carlotta	CA	5	124.059	40.538		
2-9-1941	Crescent City	CA	5	124.201	41.756		
2-9-1941	Fields Landing	CA	5	124.214	40.725		
2-9-1941	Forest Glen	CA	5	123.324	40.373		
2-9-1941	Fort Seward	CA	5	123.642	40.223		
2-9-1941	Fortuna	CA	5	124.156	40.598		
2-9-1941	Garberville	CA	5	123.794	40.100		
2-9-1941	Klamath	CA	5	124.037	41.527		
2-9-1941	Loleta	CA	5	124.224	40.641		
2-9-1941	Orick	CA	5	124.059	41.287		
2-9-1941	Orleans	CA	5	123.540	41.302		
2-9-1941	Scotia	CA	5	124.100	40.483		
2-9-1941	Trinidad	CA	5	124.142	41.059		
2-9-1941	Upper Mattole	CA	5	124.165	40.252		
2-9-1941	Weott	CA	5	123.921	40.322		
2-9-1941	Willow Creek	CA	5	123.630	40.940		
2-9-1941	Alderpoint	CA	4	123.611	40.176		
2-9-1941	Benbow	CA	4	123.783	40.069		
2-9-1941	Blue Lake	CA	4	123.983	40.883		
2-9-1941	Briceland	CA	4	123.899	40.108		
2-9-1941	Brookings	OR	4	124.283	42.053		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
2-9-1941	Cape Mendocino	CA	4	124.406	40.440		
2-9-1941	Ettersburg	CA	4	123.996	40.139		
2-9-1941	Glendale	OR	4	123.422	42.736		
2-9-1941	Harris	CA	4	123.658	40.084		
2-9-1941	Honeydew	CA	4	124.122	40.244		
2-9-1941	Hoopla	CA	4	123.673	41.051		
2-9-1941	Hyampom	CA	4	123.451	40.618		
2-9-1941	Island Mountain	CA	4	123.489	40.026		
2-9-1941	Mendocino	CA	4	123.798	39.308		
2-9-1941	Miranda	CA	4	123.823	40.235		
2-9-1941	Mount Shasta	CA	4	122.309	41.310		
2-9-1941	O'Brien	OR	4	123.702	42.068		
2-9-1941	Point Arena	CA	4	123.692	38.909		
2-9-1941	Rockport	CA	4	123.815	39.739		
2-9-1941	Smith River	CA	4	124.146	41.928		
2-9-1941	Yager	CA	4	123.820	40.540		
2-9-1941	Zenia	CA	4	123.491	40.206		
2-9-1941	Blocksburg	CA	3	123.635	40.276		
2-9-1941	Cummings	CA	3	123.631	39.833		
2-9-1941	Fort Bragg	CA	3	123.804	39.446		
2-9-1941	Gold Beach	OR	3	124.421	42.408		
2-9-1941	Laytonville	CA	3	123.482	39.688		
2-9-1941	Longvale	CA	3	123.429	39.555		
2-9-1941	Sawyers Bar	CA	3	123.130	41.300		
2-9-1941	Weaverville	CA	3	122.941	40.731		
2-9-1941	Willels	CA	3	123.354	39.410		
2-9-1941	Yreka	CA	3	122.633	41.736		
10-3-1941	Eureka	CA	7	124.163	40.802		
10-3-1941	Ferndale	CA	6	124.263	40.576		
10-3-1941	Fields Landing	CA	6	124.214	40.725		
10-3-1941	Korbel	CA	6	123.957	40.871		
10-3-1941	Pepperwood	CA	6	123.992	40.446		
10-3-1941	Rio Dell	CA	6	124.105	40.499		
10-3-1941	Rockport	CA	6	123.815	39.739		
10-3-1941	Upper Mattole	CA	6	124.165	40.252		
10-3-1941	Arcata	CA	5	124.082	40.867		
10-3-1941	Benbow	CA	5	123.783	40.069		
10-3-1941	Briceland	CA	5	123.899	40.108		
10-3-1941	Cape Mendocino	CA	5	124.406	40.440		
10-3-1941	Carlotta	CA	5	124.059	40.538		
10-3-1941	Dyerville	CA	5	123.925	40.356		
10-3-1941	Garberville	CA	5	123.794	40.100		
10-3-1941	Holmes	CA	5	123.939	40.419		
10-3-1941	Hyampom	CA	5	123.451	40.618		
10-3-1941	Kneeland	CA	5	123.994	40.761		
10-3-1941	Loleta	CA	5	124.224	40.641		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
10-3-1941	Petrolia	CA	5	124.286	40.326		
10-3-1941	Wildwood	CA	5	123.053	40.400		
10-3-1941	Alderpoint	CA	4	123.611	40.176		
10-3-1941	Blue Lake	CA	4	123.983	40.883		
10-3-1941	Branscomb	CA	4	123.624	39.654		
10-3-1941	Bridgeville	CA	4	123.799	40.469		
10-3-1941	Burnt Ranch	CA	4	123.473	40.809		
10-3-1941	Capetown	CA	4	124.366	40.466		
10-3-1941	Cummings	CA	4	123.631	39.833		
10-3-1941	Denny	CA	4	123.386	40.944		
10-3-1941	Dunsmuir	CA	4	122.271	41.208		
10-3-1941	Elk	CA	4	123.717	39.130		
10-3-1941	Ettersburg	CA	4	123.996	40.139		
10-3-1941	Forest Glen	CA	4	123.324	40.373		
10-3-1941	Fort Bragg	CA	4	123.804	39.446		
10-3-1941	Fortuna	CA	4	124.156	40.598		
10-3-1941	Happy Camp	CA	4	123.378	41.793		
10-3-1941	Harris	CA	4	123.658	40.084		
10-3-1941	Hartsook	CA	4	123.790	40.010		
10-3-1941	Hayfork	CA	4	123.182	40.554		
10-3-1941	Honeydew	CA	4	124.122	40.244		
10-3-1941	Hoopa	CA	4	123.673	41.051		
10-3-1941	Island Mountain	CA	4	123.489	40.026		
10-3-1941	Klamath	CA	4	124.037	41.527		
10-3-1941	Little River	CA	4	123.787	39.271		
10-3-1941	Longvale	CA	4	123.429	39.555		
10-3-1941	Miranda	CA	4	123.823	40.235		
10-3-1941	Mount Shasta	CA	4	122.309	41.310		
10-3-1941	Orick	CA	4	124.059	41.287		
10-3-1941	Orland	CA	4	122.195	39.748		
10-3-1941	Orleans	CA	4	123.540	41.302		
10-3-1941	Piercy	CA	4	123.794	39.966		
10-3-1941	Point Arena	CA	4	123.692	38.909		
10-3-1941	Salyer	CA	4	123.583	40.890		
10-3-1941	San Francisco	CA	4	122.418	37.775		
10-3-1941	Sawyers Bar	CA	4	123.130	41.300		
10-3-1941	Scotia	CA	4	124.100	40.483		
10-3-1941	Smith River	CA	4	124.146	41.928		
10-3-1941	Somes Bar	CA	4	123.475	41.376		
10-3-1941	Trinidad	CA	4	124.142	41.059		
10-3-1941	Ukiah	CA	4	123.207	39.150		
10-3-1941	Weaverville	CA	4	122.941	40.731		
10-3-1941	Weitchpec	CA	4	123.707	41.188		
10-3-1941	Weott	CA	4	123.921	40.322		
10-3-1941	Willits	CA	4	123.354	39.410		
10-3-1941	Willow Creek	CA	4	123.630	40.940		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
10-3-1941	Willows	CA	4	122.193	39.524		
10-3-1941	Blocksburg	CA	3	123.635	40.276		
10-3-1941	Crescent City	CA	3	124.201	41.756		
10-3-1941	Fort Jones	CA	3	122.839	41.608		
10-3-1941	Junction City	CA	3	123.053	40.733		
10-3-1941	Mad River	CA	3	123.500	40.450		
10-3-1941	San Rafael	CA	3	122.530	37.974		
10-3-1941	Spyrock	CA	3	123.443	39.877		
10-3-1941	Stinson Beach	CA	3	122.643	37.901		
10-3-1941	Vina	CA	3	122.053	39.933		
10-3-1941	Zenia	CA	3	123.491	40.206		
5-19-1945	Upper Mattole	CA	5	124.165	40.252		
5-19-1945	Arcata	CA	4	124.082	40.867		
5-19-1945	Blue Lake	CA	4	123.983	40.883		
5-19-1945	Carlotta	CA	4	124.059	40.538		
5-19-1945	Eureka	CA	4	124.163	40.802		
5-19-1945	Ferndale	CA	4	124.263	40.576		
5-19-1945	Fields Landing	CA	4	124.214	40.725		
5-19-1945	Klamath	CA	4	124.037	41.527		
5-19-1945	Orick	CA	4	124.059	41.287		
5-19-1945	Piercy	CA	4	123.794	39.966		
5-19-1945	Scotia	CA	4	124.100	40.483		
5-19-1945	Briceland	CA	3	123.899	40.108		
5-19-1945	Fort Bragg	CA	3	123.804	39.446		
5-19-1945	Kneeland	CA	3	123.994	40.761		
5-19-1945	Smith River	CA	3	124.146	41.928		
5-19-1945	Willits	CA	3	123.354	39.410		
10-8-1951	Alton	CA	7	124.140	40.548		
10-8-1951	Bridgeville	CA	7	123.799	40.469		
10-8-1951	Grizzly Bluff	CA	7	124.170	40.562		
10-8-1951	Rio Dell	CA	7	124.105	40.499		
10-8-1951	Scotia	CA	7	124.100	40.483		
10-8-1951	Weott	CA	7	123.921	40.322		
10-8-1951	Alderpoint	CA	6	123.611	40.176		
10-8-1951	Benbow	CA	6	123.783	40.069		
10-8-1951	Blocksburg	CA	6	123.635	40.276		
10-8-1951	Carlotta	CA	6	124.059	40.538		
10-8-1951	Ettersburg	CA	6	123.996	40.139		
10-8-1951	Fortuna	CA	6	124.156	40.598		
10-8-1951	Garberville	CA	6	123.794	40.100		
10-8-1951	Petrolia	CA	6	124.286	40.326		
10-8-1951	Upper Mattole	CA	6	124.165	40.252		
10-8-1951	Arcata	CA	5	124.082	40.867		
10-8-1951	Blue Lake	CA	5	123.983	40.883		
10-8-1951	Corning	CA	5	122.178	39.928		
10-8-1951	Covelo	CA	5	123.247	39.793		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
10-8-1951	Eureka	CA	5	124.163	40.802		
10-8-1951	Ferndale	CA	5	124.263	40.576		
10-8-1951	Fields Landing	CA	5	124.214	40.725		
10-8-1951	Hayfork	CA	5	123.182	40.554		
10-8-1951	Hyampom	CA	5	123.451	40.618		
10-8-1951	Laytonville	CA	5	123.482	39.688		
10-8-1951	Miranda	CA	5	123.823	40.235		
10-8-1951	Piercy	CA	5	123.794	39.966		
10-8-1951	Red Bluff	CA	5	122.235	40.179		
10-8-1951	Westport	CA	5	123.782	39.636		
10-8-1951	Willits	CA	5	123.354	39.410		
10-8-1951	Willows	CA	5	122.193	39.524		
10-8-1951	Big Bar	CA	4	123.255	40.741		
10-8-1951	Burnt Ranch	CA	4	123.473	40.809		
10-8-1951	Comptche	CA	4	123.590	39.265		
10-8-1951	Cummings	CA	4	123.631	39.833		
10-8-1951	Denny	CA	4	123.386	40.944		
10-8-1951	Elk	CA	4	123.717	39.130		
10-8-1951	Flournoy	CA	4	122.435	39.921		
10-8-1951	Fort Bragg	CA	4	123.804	39.446		
10-8-1951	Glenn	CA	4	122.013	39.522		
10-8-1951	Kneeland	CA	4	123.994	40.761		
10-8-1951	Lake Mountain	CA	4	123.390	40.130		
10-8-1951	Orick	CA	4	124.059	41.287		
10-8-1951	Orland	CA	4	122.195	39.748		
10-8-1951	Richvale	CA	4	121.744	39.494		
10-8-1951	Rockport	CA	4	123.815	39.739		
10-8-1951	Ruth	CA	4	123.320	40.270		
10-8-1951	Spyrock	CA	4	123.443	39.877		
10-8-1951	Trinidad	CA	4	124.142	41.059		
10-8-1951	Vina	CA	4	122.053	39.933		
10-8-1951	Willow Creek	CA	4	123.630	40.940		
10-8-1951	Manchester	CA	3	123.687	38.970		
10-8-1951	Paskenta	CA	3	122.545	39.885		
10-8-1951	Tehama	CA	3	122.122	40.027		
11-25-1954	Bridgeville	CA	5	123.799	40.469		
11-25-1954	Burnt Ranch	CA	5	123.473	40.809		
11-25-1954	Carlotta	CA	5	124.059	40.538		
11-25-1954	Eureka	CA	5	124.163	40.802		
11-25-1954	Ferndale	CA	5	124.263	40.576		
11-25-1954	Fields Landing	CA	5	124.214	40.725		
11-25-1954	Hoopa	CA	5	123.673	41.051		
11-25-1954	Hyampom	CA	5	123.451	40.618		
11-25-1954	Korbel	CA	5	123.957	40.871		
11-25-1954	Loleta	CA	5	124.224	40.641		
11-25-1954	Orick	CA	5	124.059	41.287		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
11-25-1954	Pepperwood	CA	5	123.992	40.446		
11-25-1954	Scotia	CA	5	124.100	40.483		
11-25-1954	Arcata	CA	4	124.082	40.867		
11-25-1954	Fort Bragg	CA	4	123.804	39.446		
11-25-1954	Fortuna	CA	4	124.156	40.598		
11-25-1954	Garberville	CA	4	123.794	40.100		
11-25-1954	Holmes	CA	4	123.939	40.419		
11-25-1954	Miranda	CA	4	123.823	40.235		
11-25-1954	Orleans	CA	4	123.540	41.302		
11-25-1954	Piercy	CA	4	123.794	39.966		
11-25-1954	Point Arena	CA	4	123.692	38.909		
11-25-1954	Rockport	CA	4	123.815	39.739		
11-25-1954	Samoa	CA	4	124.185	40.819		
11-25-1954	Weott	CA	4	123.921	40.322		
11-25-1954	Willow Creek	CA	4	123.630	40.940		
11-25-1954	Junction City	CA	3	123.053	40.733		
11-25-1954	San Francisco	CA	3	122.418	37.775		
11-25-1954	Spyrock	CA	3	123.443	39.877		
11-25-1954	Trinidad	CA	3	124.142	41.059		
11-25-1954	Willits	CA	3	123.354	39.410		
12-21-1954	Arcata	CA	7	124.082	40.867		
12-21-1954	Bayside	CA	7	124.063	40.843		
12-21-1954	Blue Lake	CA	7	123.983	40.883		
12-21-1954	Brainard	CA	7	124.109	40.812		
12-21-1954	Crannell	CA	7	124.084	41.012		
12-21-1954	Eureka	CA	7	124.163	40.802		
12-21-1954	Ferndale	CA	7	124.263	40.576		
12-21-1954	Fieldbrook	CA	7	124.034	40.966		
12-21-1954	Fields Landing	CA	7	124.214	40.725		
12-21-1954	Fortuna	CA	7	124.156	40.598		
12-21-1954	Korbel	CA	7	123.957	40.871		
12-21-1954	Mckinleyville	CA	7	124.099	40.947		
12-21-1954	Rio Dell	CA	7	124.105	40.499		
12-21-1954	Rohnerville	CA	7	124.134	40.567		
12-21-1954	Samoa	CA	7	124.185	40.819		
12-21-1954	Alton	CA	6	124.140	40.548		
12-21-1954	Blocksburg	CA	6	123.635	40.276		
12-21-1954	Briceland	CA	6	123.899	40.108		
12-21-1954	Bridgeville	CA	6	123.799	40.469		
12-21-1954	Brookings	OR	6	124.283	42.053		
12-21-1954	Burnt Ranch	CA	6	123.473	40.809		
12-21-1954	Carlotta	CA	6	124.059	40.538		
12-21-1954	Castella	CA	6	122.317	41.139		
12-21-1954	Denny	CA	6	123.386	40.944		
12-21-1954	Dows Prairie	CA	6	124.100	40.974		
12-21-1954	Dyerville	CA	6	123.925	40.356		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
12-21-1954	Fernbridge	CA	6	124.200	40.616		
12-21-1954	Fort Seward	CA	6	123.642	40.223		
12-21-1954	Freshwater	CA	6	124.061	40.762		
12-21-1954	Gerber	CA	6	122.149	40.056		
12-21-1954	Hayfork	CA	6	123.182	40.554		
12-21-1954	Holmes	CA	6	123.939	40.419		
12-21-1954	Hoopa	CA	6	123.673	41.051		
12-21-1954	Hyampom	CA	6	123.451	40.618		
12-21-1954	Hydesville	CA	6	124.096	40.548		
12-21-1954	Kekawaka	CA	6	123.518	40.096		
12-21-1954	Klamath	CA	6	124.037	41.527		
12-21-1954	Loleta	CA	6	124.224	40.641		
12-21-1954	Mccloud	CA	6	122.138	41.256		
12-21-1954	Miranda	CA	6	123.823	40.235		
12-21-1954	Orick	CA	6	124.059	41.287		
12-21-1954	Orland	CA	6	122.195	39.748		
12-21-1954	Orleans	CA	6	123.540	41.302		
12-21-1954	Pepperwood	CA	6	123.992	40.446		
12-21-1954	Piercy	CA	6	123.794	39.966		
12-21-1954	Proberta	CA	6	122.169	40.082		
12-21-1954	Red Bluff	CA	6	122.235	40.179		
12-21-1954	Redding	CA	6	122.391	40.587		
12-21-1954	Sawyers Bar	CA	6	123.130	41.300		
12-21-1954	Scotia	CA	6	124.100	40.483		
12-21-1954	Showers Pass	CA	6	123.755	40.604		
12-21-1954	Trinidad	CA	6	124.142	41.059		
12-21-1954	Waddington	CA	6	124.201	40.567		
12-21-1954	Weaverville	CA	6	122.941	40.731		
12-21-1954	Weott	CA	6	123.921	40.322		
12-21-1954	Willits	CA	6	123.354	39.410		
12-21-1954	Willow Creek	CA	6	123.630	40.940		
12-21-1954	Alderpoint	CA	5	123.611	40.176		
12-21-1954	Butte Valley	CA	5	121.933	41.949		
12-21-1954	Cecilville	CA	5	123.139	41.141		
12-21-1954	Corning	CA	5	122.178	39.928		
12-21-1954	Covelo	CA	5	123.247	39.793		
12-21-1954	Crescent City	CA	5	124.201	41.756		
12-21-1954	Cummings	CA	5	123.631	39.833		
12-21-1954	Eel Rock	CA	5	123.730	40.290		
12-21-1954	Ettersburg	CA	5	123.996	40.139		
12-21-1954	Fort Jones	CA	5	122.839	41.608		
12-21-1954	Garberville	CA	5	123.794	40.100		
12-21-1954	Junction City	CA	5	123.053	40.733		
12-21-1954	Klamath Falls	OR	5	121.781	42.225		
12-21-1954	Lake Mountain	CA	5	123.390	40.130		
12-21-1954	Laytonville	CA	5	123.482	39.688		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI-Site Corr
12-21-1954	Macdoel	CA	5	122.004	41.827		
12-21-1954	Merrill	OR	5	121.599	42.025		
12-21-1954	Mineral	CA	5	121.594	40.348		
12-21-1954	Nubieber	CA	5	121.182	41.096		
12-21-1954	Phillipsville	CA	5	123.785	40.209		
12-21-1954	Requa	CA	5	124.065	41.547		
12-21-1954	Richardson Grove	CA	5	123.790	40.020		
12-21-1954	Rockport	CA	5	123.815	39.739		
12-21-1954	Round Mountain	CA	5	121.941	40.794		
12-21-1954	Scott Bar	CA	5	123.003	41.742		
12-21-1954	Tehama	CA	5	122.122	40.027		
12-21-1954	Trinity Center	CA	5	122.700	41.010		
12-21-1954	Tulelake	CA	5	121.476	41.956		
12-21-1954	Weed	CA	5	122.385	41.423		
12-21-1954	Woodland	CA	5	121.772	38.679		
12-21-1954	Yreka	CA	5	122.633	41.736		
12-21-1954	Auburn	CA	4	121.076	38.897		
12-21-1954	Bieber	CA	4	121.143	41.121		
12-21-1954	Brooks	CA	4	122.147	38.742		
12-21-1954	Capay	CA	4	122.047	38.708		
12-21-1954	Cave Junction	OR	4	123.647	42.163		
12-21-1954	Colusa	CA	4	122.008	39.214		
12-21-1954	Coos Bay	OR	4	124.216	43.368		
12-21-1954	Davis Creek	CA	4	120.371	41.733		
12-21-1954	Etna	CA	4	122.894	41.457		
12-21-1954	Gazelle	CA	4	122.519	41.521		
12-21-1954	Gold Beach	OR	4	124.421	42.408		
12-21-1954	Grenada	CA	4	122.519	41.647		
12-21-1954	Happy Camp	CA	4	123.378	41.793		
12-21-1954	Harbor	OR	4	124.266	42.053		
12-21-1954	Island Mountain	CA	4	123.489	40.026		
12-21-1954	Las Plumas	CA	4	121.485	39.674		
12-21-1954	Lewiston	CA	4	122.806	40.708		
12-21-1954	Los Molinos	CA	4	122.099	40.021		
12-21-1954	Macarthur	CA	4	121.398	41.050		
12-21-1954	Manton	CA	4	121.869	40.435		
12-21-1954	Medford	OR	4	122.874	42.327		
12-21-1954	Modoc Point	OR	4	121.867	42.445		
12-21-1954	Mount Hebron	CA	4	122.003	41.787		
12-21-1954	Mount Shasta	CA	4	122.309	41.310		
12-21-1954	O'Brien	OR	4	123.702	42.068		
12-21-1954	Ono	CA	4	122.617	40.475		
12-21-1954	Pistol River	OR	4	124.394	42.277		
12-21-1954	Platina	CA	4	122.890	40.360		
12-21-1954	Ruth	CA	4	123.320	40.270		
12-21-1954	Selma	OR	4	123.615	42.279		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
12-21-1954	Upper Mattole	CA	4	124.165	40.252		
12-21-1954	Vina	CA	4	122.053	39.933		
12-21-1954	Westport	CA	4	123.782	39.636		
12-21-1954	Alturas	CA	3	120.541	41.487		
12-21-1954	Bonanza	OR	3	121.405	42.199		
12-21-1954	Calpella	CA	3	123.203	39.234		
12-21-1954	Chico	CA	3	121.836	39.729		
12-21-1954	Clements	CA	3	121.087	38.191		
12-21-1954	Coquille	OR	3	124.186	43.177		
12-21-1954	Denmark	OR	3	124.461	42.891		
12-21-1954	Finley	CA	3	122.874	39.004		
12-21-1954	Flourney	CA	3	120.297	41.235		
12-21-1954	Gridley	CA	3	121.693	39.364		
12-21-1954	Hartsook	CA	3	123.790	40.010		
12-21-1954	Hat Creek	CA	3	121.500	40.790		
12-21-1954	Lakeport	CA	3	122.915	39.043		
12-21-1954	Ophir	OR	3	124.382	42.563		
12-21-1954	Pondosa	CA	3	121.688	41.199		
12-21-1954	Project City	CA	3	122.351	40.680		
12-21-1954	Richfield	CA	3	122.176	39.975		
12-21-1954	San Francisco	CA	3	122.418	37.775		
12-21-1954	Sitkum	OR	3	123.860	43.148		
12-21-1954	Sprague River	OR	3	121.503	42.456		
12-21-1954	Takilma	OR	3	123.618	42.052		
12-21-1954	Tionesta	CA	3	121.327	41.646		
12-21-1954	Ukiah	CA	3	123.207	39.150		
12-21-1954	Upper Lake	CA	3	122.909	39.165		
10-11-1956	Bayside	CA	5	124.063	40.843		
10-11-1956	Blue Lake	CA	5	123.983	40.883		
10-11-1956	Crannell	CA	5	124.084	41.012		
10-11-1956	Eureka	CA	5	124.163	40.802		
10-11-1956	Ferndale	CA	5	124.263	40.576		
10-11-1956	Fields Landing	CA	5	124.214	40.725		
10-11-1956	Fortuna	CA	5	124.156	40.598		
10-11-1956	Korbel	CA	5	123.957	40.871		
10-11-1956	Loleta	CA	5	124.224	40.641		
10-11-1956	Petrolia	CA	5	124.286	40.326		
10-11-1956	Rio Dell	CA	5	124.105	40.499		
10-11-1956	Alton	CA	4	124.140	40.548		
10-11-1956	Blocksburg	CA	4	123.635	40.276		
10-11-1956	Bridgeville	CA	4	123.799	40.469		
10-11-1956	Denny	CA	4	123.386	40.944		
10-11-1956	Forest Glen	CA	4	123.324	40.373		
10-11-1956	Fort Bragg	CA	4	123.804	39.446		
10-11-1956	Freshwater	CA	4	124.061	40.762		
10-11-1956	Garberville	CA	4	123.794	40.100		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
10-11-1956	Holmes	CA	4	123.939	40.419		
10-11-1956	Honeydew	CA	4	124.122	40.244		
10-11-1956	Kneeland	CA	4	123.994	40.761		
10-11-1956	Piercy	CA	4	123.794	39.966		
10-11-1956	Scotia	CA	4	124.100	40.483		
10-11-1956	Trinidad	CA	4	124.142	41.059		
10-11-1956	Alderpoint	CA	3	123.611	40.176		
10-11-1956	Arcata	CA	3	124.082	40.867		
10-11-1956	Carlotta	CA	3	124.059	40.538		
10-11-1956	Crescent City	CA	3	124.201	41.756		
10-11-1956	Ettersburg	CA	3	123.996	40.139		
10-11-1956	Medford	OR	3	122.874	42.327		
10-11-1956	Phillipsville	CA	3	123.785	40.209		
10-11-1956	Weitchpec	CA	3	123.707	41.188		
10-11-1956	Willow Creek	CA	3	123.630	40.940		
8-9-1960	Comptche	CA	5	123.590	39.265		
8-9-1960	Cummings	CA	5	123.631	39.833		
8-9-1960	Ferndale	CA	5	124.263	40.576		
8-9-1960	Fort Bragg	CA	5	123.804	39.446		
8-9-1960	Fortuna	CA	5	124.156	40.598		
8-9-1960	Casper	CA	4	123.815	39.364		
8-9-1960	Crannell	CA	4	124.084	41.012		
8-9-1960	Elk	CA	4	123.717	39.130		
8-9-1960	Eureka	CA	4	124.163	40.802		
8-9-1960	Fields Landing	CA	4	124.214	40.725		
8-9-1960	Honeydew	CA	4	124.122	40.244		
8-9-1960	Hoopla	CA	4	123.673	41.051		
8-9-1960	Hyampom	CA	4	123.451	40.618		
8-9-1960	Korbel	CA	4	123.957	40.871		
8-9-1960	Lakeport	CA	4	122.915	39.043		
8-9-1960	Mendocino	CA	4	123.798	39.308		
8-9-1960	Orick	CA	4	124.059	41.287		
8-9-1960	Petrolia	CA	4	124.286	40.326		
8-9-1960	Rio Dell	CA	4	124.105	40.499		
8-9-1960	San Francisco	CA	4	122.418	37.775		
8-9-1960	Scotia	CA	4	124.100	40.483		
8-9-1960	Upper Lake	CA	4	122.909	39.165		
8-9-1960	Willits	CA	4	123.354	39.410		
8-23-1962	Brookings	OR	6	124.283	42.053		
8-23-1962	Cave Junction	OR	6	123.647	42.163		
8-23-1962	Crescent City	CA	6	124.201	41.756		
8-23-1962	Smith River	CA	6	124.146	41.928		
8-23-1962	Bayside	CA	5	124.063	40.843		
8-23-1962	Cecilville	CA	5	123.139	41.141		
8-23-1962	Edgewood	CA	5	122.431	41.458		
8-23-1962	Ferndale	CA	5	124.263	40.576		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
8-23-1962	Fields Landing	CA	5	124.214	40.725		
8-23-1962	Fort Dick	CA	5	124.148	41.868		
8-23-1962	Freshwater	CA	5	124.061	40.762		
8-23-1962	Gasquet	CA	5	123.968	41.846		
8-23-1962	Grants Pass	OR	5	123.327	42.439		
8-23-1962	Happy Camp	CA	5	123.378	41.793		
8-23-1962	Harbor	OR	5	124.266	42.053		
8-23-1962	Holmes	CA	5	123.939	40.419		
8-23-1962	Klamath	CA	5	124.037	41.527		
8-23-1962	Korbel	CA	5	123.957	40.871		
8-23-1962	Merlin	OR	5	123.419	42.518		
8-23-1962	Orleans	CA	5	123.540	41.302		
8-23-1962	Pistol River	OR	5	124.394	42.277		
8-23-1962	Requa	CA	5	124.065	41.547		
8-23-1962	Salyer	CA	5	123.583	40.890		
8-23-1962	Selma	OR	5	123.615	42.279		
8-23-1962	Agness	OR	4	124.068	42.557		
8-23-1962	Arcata	CA	4	124.082	40.867		
8-23-1962	Bandon	OR	4	124.410	43.120		
8-23-1962	Briceland	CA	4	123.899	40.108		
8-23-1962	Covelo	CA	4	123.247	39.793		
8-23-1962	Crannell	CA	4	124.084	41.012		
8-23-1962	Cutten	CA	4	124.142	40.770		
8-23-1962	Denny	CA	4	123.386	40.944		
8-23-1962	Eureka	CA	4	124.163	40.802		
8-23-1962	Fortuna	CA	4	124.156	40.598		
8-23-1962	Gazelle	CA	4	122.519	41.521		
8-23-1962	Gold Beach	OR	4	124.421	42.408		
8-23-1962	Gold Hill	OR	4	123.049	42.432		
8-23-1962	Honeydew	CA	4	124.122	40.244		
8-23-1962	Hoopa	CA	4	123.673	41.051		
8-23-1962	Horse Creek	CA	4	122.996	41.824		
8-23-1962	Island Mountain	CA	4	123.489	40.026		
8-23-1962	Laytonville	CA	4	123.482	39.688		
8-23-1962	Loleta	CA	4	124.224	40.641		
8-23-1962	Medford	OR	4	122.874	42.327		
8-23-1962	Montague	CA	4	122.527	41.728		
8-23-1962	Mount Shasta	CA	4	122.309	41.310		
8-23-1962	O'Brien	OR	4	123.702	42.068		
8-23-1962	Ophir	OR	4	124.382	42.563		
8-23-1962	Orick	CA	4	124.059	41.287		
8-23-1962	Rio Dell	CA	4	124.105	40.499		
8-23-1962	Rohnerville	CA	4	124.134	40.567		
8-23-1962	Samoa	CA	4	124.185	40.819		
8-23-1962	Sawyers Bar	CA	4	123.130	41.300		
8-23-1962	Scotia	CA	4	124.100	40.483		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
8-23-1962	Scott Bar	CA	4	123.003	41.742		
8-23-1962	Seiad Valley	CA	4	123.191	41.841		
8-23-1962	Somes Bar	CA	4	123.475	41.376		
8-23-1962	Takilma	OR	4	123.618	42.052		
8-23-1962	Trinidad	CA	4	124.142	41.059		
8-23-1962	Wedderburn	OR	4	124.414	42.433		
8-23-1962	Wilderville	OR	4	123.466	42.383		
8-23-1962	Alton	CA	3	124.140	40.548		
8-23-1962	Blue Lake	CA	3	123.983	40.883		
8-23-1962	Burnt Ranch	CA	3	123.473	40.809		
8-23-1962	Carlotta	CA	3	124.059	40.538		
8-23-1962	Coos Bay	OR	3	124.216	43.368		
8-23-1962	Coquelle	OR	3	124.186	43.177		
8-23-1962	Etna	CA	3	122.894	41.457		
8-23-1962	Ettersburg	CA	3	123.996	40.139		
8-23-1962	Fort Jones	CA	3	122.839	41.608		
8-23-1962	Glendale	OR	3	123.422	42.736		
8-23-1962	Greenview	CA	3	122.904	41.551		
8-23-1962	Grenada	CA	3	122.519	41.647		
8-23-1962	Hyampom	CA	3	123.451	40.618		
8-23-1962	Kneeland	CA	3	123.994	40.761		
8-23-1962	Myers Flat	CA	3	123.869	40.266		
8-23-1962	Petrolia	CA	3	124.286	40.326		
8-23-1962	Port Orford	OR	3	124.496	42.746		
8-23-1962	Sitkum	OR	3	123.860	43.148		
8-23-1962	Sixes	OR	3	124.482	42.820		
8-23-1962	Weaverville	CA	3	122.941	40.731		
8-23-1962	Weed	CA	3	122.385	41.423		
8-23-1962	Willow Creek	CA	3	123.630	40.940		
8-23-1962	Yreka	CA	3	122.633	41.736		
11-8-1980	Fields Landing	CA	7	124.214	40.725		
11-8-1980	Arcata	CA	6	124.082	40.867		
11-8-1980	Blue Lake	CA	6	123.983	40.883		
11-8-1980	Brookings	OR	6	124.283	42.053		
11-8-1980	Eureka	CA	6	124.163	40.802		
11-8-1980	Ferndale	CA	6	124.263	40.576		
11-8-1980	Fortuna	CA	6	124.156	40.598		
11-8-1980	Harbor	OR	6	124.266	42.053		
11-8-1980	Klamath	CA	6	124.037	41.527		
11-8-1980	Loleta	CA	6	124.224	40.641		
11-8-1980	Mckinleyville	CA	6	124.099	40.947		
11-8-1980	Myers Flat	CA	6	123.869	40.266		
11-8-1980	Redway	CA	6	123.822	40.120		
11-8-1980	Rio Dell	CA	6	124.105	40.499		
11-8-1980	Samoa	CA	6	124.185	40.819		
11-8-1980	Trinidad	CA	6	124.142	41.059		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
11-8-1980	Westhaven	CA	6	124.110	41.036		
11-8-1980	Albany	OR	5	124.068	42.557		
11-8-1980	Alderpoint	CA	5	123.611	40.176		
11-8-1980	Bayside	CA	5	124.063	40.843		
11-8-1980	Big Bar	CA	5	123.255	40.741		
11-8-1980	Blocksburg	CA	5	123.635	40.276		
11-8-1980	Bridgeville	CA	5	123.799	40.469		
11-8-1980	Burnt Ranch	CA	5	123.473	40.809		
11-8-1980	Carlotta	CA	5	124.059	40.538		
11-8-1980	Crescent City	CA	5	124.201	41.756		
11-8-1980	Edgewood	CA	5	122.431	41.458		
11-8-1980	Etna	CA	5	122.894	41.457		
11-8-1980	Finley	CA	5	122.874	39.004		
11-8-1980	Fort Dick	CA	5	124.148	41.868		
11-8-1980	Garberville	CA	5	123.794	40.100		
11-8-1980	Honeydew	CA	5	124.122	40.244		
11-8-1980	Hoopa	CA	5	123.673	41.051		
11-8-1980	Hydesville	CA	5	124.096	40.548		
11-8-1980	Kneeland	CA	5	123.994	40.761		
11-8-1980	Korbel	CA	5	123.957	40.871		
11-8-1980	Mccloud	CA	5	122.138	41.256		
11-8-1980	Miranda	CA	5	123.823	40.235		
11-8-1980	Orick	CA	5	124.059	41.287		
11-8-1980	Scotia	CA	5	124.100	40.483		
11-8-1980	Weott	CA	5	123.921	40.322		
11-8-1980	Westport	CA	5	123.782	39.636		
11-8-1980	Whitethorn	CA	5	123.942	40.024		
11-8-1980	Willits	CA	5	123.354	39.410		
11-8-1980	Willow Creek	CA	5	123.630	40.940		
11-8-1980	Albion	CA	4	123.768	39.224		
11-8-1980	Alta	CA	4	120.810	39.207		
11-8-1980	Anderson	CA	4	122.297	40.448		
11-8-1980	Annapolis	CA	4	123.369	38.722		
11-8-1980	Ashland	OR	4	122.708	42.195		
11-8-1980	Bangor	CA	4	121.404	39.389		
11-8-1980	Baxter	CA	4	120.780	39.213		
11-8-1980	Berry Creek	CA	4	121.402	39.645		
11-8-1980	Bieber	CA	4	121.143	41.121		
11-8-1980	Branscomb	CA	4	123.624	39.654		
11-8-1980	Butte City	CA	4	121.989	39.465		
11-8-1980	Camptonville	CA	4	121.048	39.452		
11-8-1980	Cave Junction	OR	4	123.647	42.163		
11-8-1980	Challenge	CA	4	121.223	39.488		
11-8-1980	Chicago Park	CA	4	120.960	39.150		
11-8-1980	Clio	CA	4	120.579	39.743		
11-8-1980	Colfax	CA	4	120.952	39.101		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
11-8-1980	Comptche	CA	4	123.590	39.265		
11-8-1980	Cottonwood	CA	4	122.280	40.386		
11-8-1980	Covelo	CA	4	123.247	39.793		
11-8-1980	Dairy	OR	4	121.520	42.235		
11-8-1980	Davis	CA	4	121.739	38.545		
11-8-1980	Dorris	CA	4	121.917	41.968		
11-8-1980	Dos Rios	CA	4	123.352	39.717		
11-8-1980	Douglas City	CA	4	122.944	40.652		
11-8-1980	Elk	CA	4	123.717	39.130		
11-8-1980	Emigrant Gap	CA	4	120.672	39.297		
11-8-1980	Fairfax	CA	4	122.588	37.987		
11-8-1980	Fall River Mills	CA	4	121.437	41.005		
11-8-1980	Fallon	NV	4	118.776	39.474		
11-8-1980	Forbestown	CA	4	121.266	39.517		
11-8-1980	Forest Glen	CA	4	123.324	40.373		
11-8-1980	Forks Of Salmon	CA	4	123.330	41.260		
11-8-1980	Fort Bragg	CA	4	123.804	39.446		
11-8-1980	Freestone	CA	4	122.914	38.373		
11-8-1980	French Gulch	CA	4	122.637	40.701		
11-8-1980	Gasquet	CA	4	123.968	41.846		
11-8-1980	Gazelle	CA	4	122.519	41.521		
11-8-1980	Gerber	CA	4	122.149	40.056		
11-8-1980	Glenburn	CA	4	121.489	41.061		
11-8-1980	Glenn	CA	4	122.013	39.522		
11-8-1980	Gold Beach	OR	4	124.421	42.408		
11-8-1980	Gold Hill	OR	4	123.049	42.432		
11-8-1980	Grants Pass	OR	4	123.327	42.439		
11-8-1980	Greenvew	CA	4	122.904	41.551		
11-8-1980	Grenada	CA	4	122.519	41.647		
11-8-1980	Gualala	CA	4	123.527	38.766		
11-8-1980	Hamilton City	CA	4	122.013	39.743		
11-8-1980	Horse Creek	CA	4	122.996	41.824		
11-8-1980	Hyampom	CA	4	123.451	40.618		
11-8-1980	Junction City	CA	4	123.053	40.733		
11-8-1980	Klamath Falls	OR	4	121.781	42.225		
11-8-1980	Klamath River	CA	4	122.830	41.860		
11-8-1980	Lakehead	CA	4	122.378	40.905		
11-8-1980	Lakeside	OR	4	124.174	43.576		
11-8-1980	Lee Vining	CA	4	119.121	37.958		
11-8-1980	Leggett	CA	4	123.713	39.866		
11-8-1980	Loma Mar	CA	4	122.308	37.271		
11-8-1980	Macdoel	CA	4	122.004	41.827		
11-8-1980	Mad River	CA	4	123.500	40.450		
11-8-1980	Maxwell	CA	4	122.190	39.276		
11-8-1980	Medford	OR	4	122.874	42.327		
11-8-1980	Mendocino	CA	4	123.798	39.308		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
11-8-1980	Meridian	CA	4	121.913	39.143		
11-8-1980	Merlin	OR	4	123.419	42.518		
11-8-1980	Merrill	OR	4	121.599	42.025		
11-8-1980	Minden	NV	4	119.765	38.954		
11-8-1980	Montague	CA	4	122.527	41.728		
11-8-1980	Montgomery Creek	CA	4	121.923	40.842		
11-8-1980	Mount Shasta	CA	4	122.309	41.310		
11-8-1980	Nelson	CA	4	121.764	39.552		
11-8-1980	Nevada City	CA	4	121.015	39.262		
11-8-1980	North San Juan	CA	4	121.103	39.369		
11-8-1980	Norway	OR	4	124.156	43.101		
11-8-1980	Nubieber	CA	4	121.182	41.096		
11-8-1980	O'Brien	OR	4	123.702	42.068		
11-8-1980	Oak Run	CA	4	122.024	40.685		
11-8-1980	Olema	CA	4	122.787	38.041		
11-8-1980	Orleans	CA	4	123.540	41.302		
11-8-1980	Pacific House	CA	4	120.500	38.770		
11-8-1980	Paisley	OR	4	120.545	42.694		
11-8-1980	Palo Cedro	CA	4	122.238	40.564		
11-8-1980	Paradise	CA	4	121.621	39.760		
11-8-1980	Penngrove	CA	4	122.666	38.300		
11-8-1980	Pescadero	CA	4	122.380	37.255		
11-8-1980	Phillipsville	CA	4	123.785	40.209		
11-8-1980	Phoenix	OR	4	122.817	42.276		
11-8-1980	Point Arena	CA	4	123.692	38.909		
11-8-1980	Powers	OR	4	124.072	42.884		
11-8-1980	Proberta	CA	4	122.169	40.082		
11-8-1980	Red Bluff	CA	4	122.235	40.179		
11-8-1980	Redding	CA	4	122.391	40.587		
11-8-1980	Richvale	CA	4	121.744	39.494		
11-8-1980	Ruth	CA	4	123.320	40.270		
11-8-1980	Salyer	CA	4	123.583	40.890		
11-8-1980	San Francisco	CA	4	122.418	37.775		
11-8-1980	Sawyers Bar	CA	4	123.130	41.300		
11-8-1980	Scott Bar	CA	4	123.003	41.742		
11-8-1980	Seiad Valley	CA	4	123.191	41.841		
11-8-1980	Selma	OR	4	123.615	42.279		
11-8-1980	Smith River	CA	4	124.146	41.928		
11-8-1980	Summit City	CA	4	122.401	40.686		
11-8-1980	Talent	OR	4	122.788	42.246		
11-8-1980	Tehama	CA	4	122.122	40.027		
11-8-1980	Tulelake	CA	4	121.476	41.956		
11-8-1980	Ukiah	CA	4	123.207	39.150		
11-8-1980	Vina	CA	4	122.053	39.933		
11-8-1980	Wedderburn	OR	4	124.414	42.433		
11-8-1980	Weed	CA	4	122.385	41.423		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
11-8-1980	Whitmore	CA	4	121.916	40.629		
11-8-1980	Wildwood	CA	4	123.053	40.400		
11-8-1980	Yreka	CA	4	122.633	41.736		
11-8-1980	Zenia	CA	4	123.491	40.206		
11-8-1980	Applegate	OR	3	120.991	39.001		
11-8-1980	Beale Air Force Base	CA	3	121.440	39.140		
11-8-1980	Brownsville	CA	3	121.268	39.473		
11-8-1980	Castella	CA	3	122.317	41.139		
11-8-1980	Cazadero	CA	3	123.084	38.533		
11-8-1980	Chiloquin	OR	3	121.865	42.578		
11-8-1980	Chowchilla	CA	3	120.259	37.123		
11-8-1980	Dillon Beach	CA	3	122.964	38.251		
11-8-1980	El Verano	CA	3	122.491	38.298		
11-8-1980	Forest Knolls	CA	3	122.688	38.015		
11-8-1980	Gold Run	CA	3	120.855	39.181		
11-8-1980	Hat Creek	CA	3	121.500	40.790		
11-8-1980	Igo	CA	3	122.541	40.506		
11-8-1980	Jamestown	CA	3	120.422	37.953		
11-8-1980	La Pine	OR	3	121.503	43.671		
11-8-1980	Langlois	OR	3	124.450	42.924		
11-8-1980	Los Molinos	CA	3	122.099	40.021		
11-8-1980	Manchester	CA	3	123.687	38.970		
11-8-1980	Marysville	CA	3	121.590	39.146		
11-8-1980	Myrtle Creek	OR	3	123.292	43.020		
11-8-1980	Palo Alto	CA	3	122.142	37.442		
11-8-1980	Potter Valley	CA	3	123.112	39.322		
11-8-1980	Princeton	CA	3	122.009	39.403		
11-8-1980	Project City	CA	3	122.351	40.680		
11-8-1980	Prospect	OR	3	122.488	42.751		
11-8-1980	Rancho Cordova	CA	3	121.302	38.589		
11-8-1980	Round Mountain	CA	3	121.941	40.794		
11-8-1980	San Gregorio	CA	3	122.386	37.327		
11-8-1980	Sea Ranch	CA	3	123.430	38.680		
11-8-1980	Shasta	CA	3	122.491	40.599		
11-8-1980	Sixes	OR	3	124.482	42.820		
11-8-1980	Summer Lake	OR	3	120.776	42.973		
11-8-1980	Sutherlin	OR	3	123.311	43.393		
11-8-1980	Tobin	CA	3	121.308	39.938		
11-8-1980	Vineburg	CA	3	122.438	38.273		
11-8-1980	Whiskeytown	CA	3	122.559	40.639		
11-8-1980	Wilderville	OR	3	123.466	42.383		
11-8-1980	Willows	CA	3	122.193	39.524		
11-21-1986	Petrolia	CA	7	124.286	40.326		
11-21-1986	Carlotta	CA	6	124.059	40.538		
11-21-1986	Ferndale	CA	6	124.263	40.576		
11-21-1986	Fortuna	CA	6	124.156	40.598		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI-Site Corr
11-21-1986	Honeydew	CA	6	124.122	40.244		
11-21-1986	Hydesville	CA	6	124.096	40.548		
11-21-1986	Scotia	CA	6	124.100	40.483		
11-21-1986	Alderpoint	CA	5	123.611	40.176		
11-21-1986	Arcata	CA	5	124.082	40.867		
11-21-1986	Blocksburg	CA	5	123.635	40.276		
11-21-1986	Cutten	CA	5	124.142	40.770		
11-21-1986	Fields Landing	CA	5	124.214	40.725		
11-21-1986	Loleta	CA	5	124.224	40.641		
11-21-1986	Miranda	CA	5	123.823	40.235		
11-21-1986	Redcrest	CA	5	123.949	40.401		
11-21-1986	Redway	CA	5	123.822	40.120		
11-21-1986	Weott	CA	5	123.921	40.322		
11-21-1986	Bayside	CA	4	124.063	40.843		
11-21-1986	Blue Lake	CA	4	123.983	40.883		
11-21-1986	Covelo	CA	4	123.247	39.793		
11-21-1986	Eureka	CA	4	124.163	40.802		
11-21-1986	Fort Bragg	CA	4	123.804	39.446		
11-21-1986	Garberville	CA	4	123.794	40.100		
11-21-1986	Kneeland	CA	4	123.994	40.761		
11-21-1986	Myers Flat	CA	4	123.869	40.266		
11-21-1986	Piercy	CA	4	123.794	39.966		
11-21-1986	Samoa	CA	4	124.185	40.819		
11-21-1986	Shelter Cove	CA	4	124.072	40.031		
11-21-1986	Whitethorn	CA	4	123.942	40.024		
11-21-1986	Bridgeville	CA	3	123.799	40.469		
11-21-1986	Burnt Ranch	CA	3	123.473	40.809		
11-21-1986	Laytonville	CA	3	123.482	39.688		
11-21-1986	Mad River	CA	3	123.500	40.450		
11-21-1986	Mendocino	CA	3	123.798	39.308		
11-21-1986	Orick	CA	3	124.059	41.287		
11-21-1986	Ruth	CA	3	123.320	40.270		
11-21-1986	Salyer	CA	3	123.583	40.890		
11-21-1986	Trinidad	CA	3	124.142	41.059		
11-21-1986	Westhaven	CA	3	124.110	41.036		
11-21-1986	Westport	CA	3	123.782	39.636		
11-21-1986	Willow Creek	CA	3	123.630	40.940		
7-31-1987	Carlotta	CA	6	124.059	40.538		
7-31-1987	Ferndale	CA	6	124.263	40.576		
7-31-1987	Fortuna	CA	6	124.156	40.598		
7-31-1987	Petrolia	CA	6	124.286	40.326		
7-31-1987	Redway	CA	6	123.822	40.120		
7-31-1987	Rio Dell	CA	6	124.105	40.499		
7-31-1987	Scotia	CA	6	124.100	40.483		
7-31-1987	Weott	CA	6	123.921	40.322		
7-31-1987	Alderpoint	CA	5	123.611	40.176		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
7-31-1987	Blocksburg	CA	5	123.635	40.276		
7-31-1987	Bridgeville	CA	5	123.799	40.469		
7-31-1987	Eureka	CA	5	124.163	40.802		
7-31-1987	Fields Landing	CA	5	124.214	40.725		
7-31-1987	Honeydew	CA	5	124.122	40.244		
7-31-1987	Hydesville	CA	5	124.096	40.548		
7-31-1987	Kneeland	CA	5	123.994	40.761		
7-31-1987	Loleta	CA	5	124.224	40.641		
7-31-1987	Miranda	CA	5	123.823	40.235		
7-31-1987	Piercy	CA	5	123.794	39.966		
7-31-1987	Samoa	CA	5	124.185	40.819		
7-31-1987	Shelter Cove	CA	5	124.072	40.031		
7-31-1987	Westport	CA	5	123.782	39.636		
7-31-1987	Whitethorn	CA	5	123.942	40.024		
7-31-1987	Arcata	CA	4	124.082	40.867		
7-31-1987	Blue Lake	CA	4	123.983	40.883		
7-31-1987	Branscomb	CA	4	123.624	39.654		
7-31-1987	Burnt Ranch	CA	4	123.473	40.809		
7-31-1987	Elk	CA	4	123.717	39.130		
7-31-1987	Fort Bragg	CA	4	123.804	39.446		
7-31-1987	Garberville	CA	4	123.794	40.100		
7-31-1987	Laytonville	CA	4	123.482	39.688		
7-31-1987	Leggett	CA	4	123.713	39.866		
7-31-1987	Mckinleyville	CA	4	124.099	40.947		
7-31-1987	Mendocino	CA	4	123.798	39.308		
7-31-1987	Phillipsville	CA	4	123.785	40.209		
7-31-1987	Salyer	CA	4	123.583	40.890		
7-31-1987	Westhaven	CA	4	124.110	41.036		
7-31-1987	Willow Creek	CA	4	123.630	40.940		
7-31-1987	Zenia	CA	4	123.491	40.206		
7-31-1987	Comptche	CA	3	123.590	39.265		
7-31-1987	Covelo	CA	3	123.247	39.793		
7-31-1987	Forks Of Salmon	CA	3	123.330	41.260		
7-31-1987	Orleans	CA	3	123.540	41.302		
7-31-1987	Rohnert Park	CA	3	122.700	38.340		
7-31-1987	Ruth	CA	3	123.320	40.270		
7-31-1987	Santa Rosa	CA	3	122.713	38.441		
7-31-1987	Somes Bar	CA	3	123.475	41.376		
7-31-1987	Willits	CA	3	123.354	39.410		
8-17-1991	Klamath	CA	5	124.037	41.527		
8-17-1991	Lakeside	OR	5	124.174	43.576		
8-17-1991	North Bend	OR	5	124.223	43.407		
8-17-1991	Phillipsville	CA	5	123.785	40.209		
8-17-1991	Pistol River	OR	5	124.394	42.277		
8-17-1991	Rio Dell	CA	5	124.105	40.499		
8-17-1991	Trinidad	CA	5	124.142	41.059		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
8-17-1991	Bridgeville	CA	4	123.799	40.469		
8-17-1991	Coos Bay	OR	4	124.216	43.368		
8-17-1991	Coquille	OR	4	124.186	43.177		
8-17-1991	Fortuna	CA	4	124.156	40.598		
8-17-1991	Murphy	OR	4	123.332	42.348		
8-17-1991	Myers Flat	CA	4	123.869	40.266		
8-17-1991	Reedsport	OR	4	124.096	43.703		
8-17-1991	Rogue River	OR	4	123.171	42.436		
8-17-1991	Roseburg	OR	4	123.341	43.217		
8-17-1991	Scottsburg	OR	4	123.816	43.654		
8-17-1991	Sixes	OR	4	124.482	42.820		
8-17-1991	Whitethorn	CA	4	123.942	40.024		
4-25-1992	Ferndale	CA	8	124.263	40.576		
4-25-1992	Honeydew	CA	8	124.122	40.244		
4-25-1992	Redcrest	CA	8	123.949	40.401		
4-25-1992	Rio Dell	CA	8	124.105	40.499		
4-25-1992	Scotia	CA	8	124.100	40.483		
4-25-1992	Eureka	CA	7	124.163	40.802		
4-25-1992	Fortuna	CA	7	124.156	40.598		
4-25-1992	Kneeland	CA	7	123.994	40.761		
4-25-1992	Loleta	CA	7	124.224	40.641		
4-25-1992	Redway	CA	7	123.822	40.120		
4-25-1992	Whitethorn	CA	7	123.942	40.024		
4-25-1992	Alderpoint	CA	6	123.611	40.176		
4-25-1992	Arcata	CA	6	124.082	40.867		
4-25-1992	Blue Lake	CA	6	123.983	40.883		
4-25-1992	Cutten	CA	6	124.142	40.770		
4-25-1992	Fields Landing	CA	6	124.214	40.725		
4-25-1992	Miranda	CA	6	123.823	40.235		
4-25-1992	Myers Flat	CA	6	123.869	40.266		
4-25-1992	Phillipsville	CA	6	123.785	40.209		
4-25-1992	Samoa	CA	6	124.185	40.819		
4-25-1992	Weott	CA	6	123.921	40.322		
4-25-1992	Bridgeville	CA	5	123.799	40.469		
4-25-1992	Crescent City	CA	5	124.201	41.756		
4-25-1992	Dos Rios	CA	5	123.352	39.717		
4-25-1992	Garberville	CA	5	123.794	40.100		
4-25-1992	Greenview	CA	5	122.904	41.551		
4-25-1992	Klamath	CA	5	124.037	41.527		
4-25-1992	Laytonville	CA	5	123.482	39.688		
4-25-1992	Mendocino	CA	5	123.798	39.308		
4-25-1992	Mount Shasta	CA	5	122.309	41.310		
4-25-1992	Orick	CA	5	124.059	41.287		
4-25-1992	Piercy	CA	5	123.794	39.966		
4-25-1992	Salyer	CA	5	123.583	40.890		
4-25-1992	Trinidad	CA	5	124.142	41.059		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
4-25-1992	Westhaven	CA	5	124.110	41.036		
4-25-1992	Westport	CA	5	123.782	39.636		
4-25-1992	Willits	CA	5	123.354	39.410		
4-25-1992	Willow Creek	CA	5	123.630	40.940		
4-25-1992	Annapolis	CA	4	123.369	38.722		
4-25-1992	Biggs	CA	4	121.712	39.413		
4-25-1992	Castella	CA	4	122.317	41.139		
4-25-1992	Corning	CA	4	122.178	39.928		
4-25-1992	Cottonwood	CA	4	122.280	40.386		
4-25-1992	Dorris	CA	4	121.917	41.968		
4-25-1992	Dunsmuir	CA	4	122.271	41.208		
4-25-1992	Durham	CA	4	121.799	39.646		
4-25-1992	Edgewood	CA	4	122.431	41.458		
4-25-1992	Elk	CA	4	123.717	39.130		
4-25-1992	Flournoy	CA	4	122.435	39.921		
4-25-1992	Fort Bragg	CA	4	123.804	39.446		
4-25-1992	Gasquet	CA	4	123.968	41.846		
4-25-1992	Hayfork	CA	4	123.182	40.554		
4-25-1992	Los Molinos	CA	4	122.099	40.021		
4-25-1992	Manchester	CA	4	123.687	38.970		
4-25-1992	Potter Valley	CA	4	123.112	39.322		
4-25-1992	Project City	CA	4	122.351	40.680		
4-25-1992	Red Bluff	CA	4	122.235	40.179		
4-25-1992	Redding	CA	4	122.391	40.587		
4-25-1992	Sacramento	CA	4	121.493	38.582		
4-25-1992	Seiad Valley	CA	4	123.191	41.841		
4-25-1992	Smith River	CA	4	124.146	41.928		
4-25-1992	Tulelake	CA	4	121.476	41.956		
4-25-1992	Upper Lake	CA	4	122.909	39.165		
4-25-1992	Vina	CA	4	122.053	39.933		
4-25-1992	Weaverville	CA	4	122.941	40.731		
4-25-1992	Wildwood	CA	4	123.053	40.400		
4-25-1992	Willows	CA	4	122.193	39.524		
4-25-1992	Anderson	CA	3	122.297	40.448		
4-25-1992	Bolinas	CA	3	122.685	37.909		
4-25-1992	Boonville	CA	3	123.365	39.009		
4-25-1992	Burney	CA	3	121.660	40.883		
4-25-1992	Callahan	CA	3	122.800	41.310		
4-25-1992	Calpella	CA	3	123.203	39.234		
4-25-1992	Carmichael	CA	3	121.327	38.617		
4-25-1992	Carson City	NV	3	119.766	39.164		
4-25-1992	Central Valley	CA	3	122.370	40.681		
4-25-1992	Chico	CA	3	121.836	39.729		
4-25-1992	Cloverdale	CA	3	123.016	38.806		
4-25-1992	Dixon	CA	3	121.822	38.446		
4-25-1992	Fall River Mills	CA	3	121.437	41.005		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
4-25-1992	Finley	CA	3	122.874	39.004		
4-25-1992	Forks Of Salmon	CA	3	123.330	41.260		
4-25-1992	Gazelle	CA	3	122.519	41.521		
4-25-1992	Gerber	CA	3	122.149	40.056		
4-25-1992	Grass Valley	CA	3	121.060	39.219		
4-25-1992	Guerneville	CA	3	122.995	38.502		
4-25-1992	Half Moon Bay	CA	3	122.428	37.464		
4-25-1992	Hyampom	CA	3	123.451	40.618		
4-25-1992	Junction City	CA	3	123.053	40.733		
4-25-1992	Kelseyville	CA	3	122.838	38.978		
4-25-1992	Magalia	CA	3	121.577	39.812		
4-25-1992	Mccloud	CA	3	122.138	41.256		
4-25-1992	Montague	CA	3	122.527	41.728		
4-25-1992	Nevada City	CA	3	121.015	39.262		
4-25-1992	Oak Run	CA	3	122.024	40.685		
4-25-1992	Orleans	CA	3	123.540	41.302		
4-25-1992	Palermo	CA	3	121.537	39.436		
4-25-1992	Palo Cedro	CA	3	122.238	40.564		
4-25-1992	Paskenta	CA	3	122.545	39.885		
4-25-1992	Philo	CA	3	123.444	39.066		
4-25-1992	Rio Vista	CA	3	121.690	38.156		
4-25-1992	Shasta	CA	3	122.491	40.599		
4-25-1992	Stewarts Point	CA	3	123.398	38.652		
4-25-1992	Stonyford	CA	3	122.543	39.375		
4-25-1992	Tehama	CA	3	122.122	40.027		
4-25-1992	Whiskeytown	CA	3	122.559	40.639		
4-25-1992	Williams	CA	3	122.148	39.155		
4-25-1992	Yorkville	CA	3	123.213	38.898		
9-1-1994	Honeydew	CA	6	124.122	40.244		
9-1-1994	Arcata	CA	5	124.082	40.867		
9-1-1994	Bayside	CA	5	124.063	40.843		
9-1-1994	Blocksburg	CA	5	123.635	40.276		
9-1-1994	Bridgeville	CA	5	123.799	40.469		
9-1-1994	Comptche	CA	5	123.590	39.265		
9-1-1994	Dos Rios	CA	5	123.352	39.717		
9-1-1994	Douglas City	CA	5	122.944	40.652		
9-1-1994	Eureka	CA	5	124.163	40.802		
9-1-1994	Ferndale	CA	5	124.263	40.576		
9-1-1994	Fields Landing	CA	5	124.214	40.725		
9-1-1994	Fortuna	CA	5	124.156	40.598		
9-1-1994	Garberville	CA	5	123.794	40.100		
9-1-1994	Junction City	CA	5	123.053	40.733		
9-1-1994	Lakehead	CA	5	122.378	40.905		
9-1-1994	Manchester	CA	5	123.687	38.970		
9-1-1994	Manila	CA	5	124.161	40.852		
9-1-1994	Mckinleyville	CA	5	124.099	40.947		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
9-1-1994	Mendocino	CA	5	123.798	39.308		
9-1-1994	Miranda	CA	5	123.823	40.235		
9-1-1994	Myers Flat	CA	5	123.869	40.266		
9-1-1994	Petrolia	CA	5	124.286	40.326		
9-1-1994	Phillipsville	CA	5	123.785	40.209		
9-1-1994	Piercy	CA	5	123.794	39.966		
9-1-1994	Project City	CA	5	122.351	40.680		
9-1-1994	Rio Dell	CA	5	124.105	40.499		
9-1-1994	Samoa	CA	5	124.185	40.819		
9-1-1994	Westport	CA	5	123.782	39.636		
9-1-1994	Whitethorn	CA	5	123.942	40.024		
9-1-1994	Zenia	CA	5	123.491	40.206		
9-1-1994	Albion	CA	4	123.768	39.224		
9-1-1994	Alderpoint	CA	4	123.611	40.176		
9-1-1994	Alturas	CA	4	120.541	41.487		
9-1-1994	Annapolis	CA	4	123.369	38.722		
9-1-1994	Big Bar	CA	4	123.255	40.741		
9-1-1994	Blue Lake	CA	4	123.983	40.883		
9-1-1994	Branscomb	CA	4	123.624	39.654		
9-1-1994	Burnt Ranch	CA	4	123.473	40.809		
9-1-1994	Carlotta	CA	4	124.059	40.538		
9-1-1994	Cave Junction	OR	4	123.647	42.163		
9-1-1994	Chico	CA	4	121.836	39.729		
9-1-1994	Covelo	CA	4	123.247	39.793		
9-1-1994	Crescent City	CA	4	124.201	41.756		
9-1-1994	Elk	CA	4	123.717	39.130		
9-1-1994	Enterprise	CA	4	122.342	40.564		
9-1-1994	Fort Bragg	CA	4	123.804	39.446		
9-1-1994	Freshwater	CA	4	124.061	40.762		
9-1-1994	Greenview	CA	4	122.904	41.551		
9-1-1994	Hyampom	CA	4	123.451	40.618		
9-1-1994	Hydesville	CA	4	124.096	40.548		
9-1-1994	Kneeland	CA	4	123.994	40.761		
9-1-1994	Korbel	CA	4	123.957	40.871		
9-1-1994	Laytonville	CA	4	123.482	39.688		
9-1-1994	Loleta	CA	4	124.224	40.641		
9-1-1994	Medford	OR	4	122.874	42.327		
9-1-1994	Orrick	CA	4	124.059	41.287		
9-1-1994	Orleans	CA	4	123.540	41.302		
9-1-1994	Patricks Point	CA	4	124.156	41.124		
9-1-1994	Pistol River	OR	4	124.394	42.277		
9-1-1994	Port Orford	OR	4	124.496	42.746		
9-1-1994	Potter Valley	CA	4	123.112	39.322		
9-1-1994	Redcrest	CA	4	123.949	40.401		
9-1-1994	Salyer	CA	4	123.583	40.890		
9-1-1994	Scotia	CA	4	124.100	40.483		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
9-1-1994	Shasta	CA	4	122.491	40.599		
9-1-1994	Trinidad	CA	4	124.142	41.059		
9-1-1994	Weott	CA	4	123.921	40.322		
9-1-1994	Westhaven	CA	4	124.110	41.036		
9-1-1994	Wildwood	CA	4	123.053	40.400		
9-1-1994	Willits	CA	4	123.354	39.410		
9-1-1994	Willow Creek	CA	4	123.630	40.940		
9-1-1994	Auburn	CA	3	121.076	38.897		
9-1-1994	Bandon	OR	3	124.410	43.120		
9-1-1994	Bodega Bay	CA	3	123.047	38.333		
9-1-1994	Boonville	CA	3	123.365	39.009		
9-1-1994	Brookings	OR	3	124.283	42.053		
9-1-1994	Burney	CA	3	121.660	40.883		
9-1-1994	Chester	CA	3	121.231	40.306		
9-1-1994	Chicago Park	CA	3	120.960	39.150		
9-1-1994	Cloverdale	CA	3	123.016	38.806		
9-1-1994	Cottonwood	CA	3	122.280	40.386		
9-1-1994	Courtland	CA	3	121.568	38.331		
9-1-1994	Dorris	CA	3	121.917	41.968		
9-1-1994	Etna	CA	3	122.894	41.457		
9-1-1994	Fall River Mills	CA	3	121.437	41.005		
9-1-1994	Finley	CA	3	122.874	39.004		
9-1-1994	Forks Of Salmon	CA	3	123.330	41.260		
9-1-1994	Fort Jones	CA	3	122.839	41.608		
9-1-1994	French Gulch	CA	3	122.637	40.701		
9-1-1994	Fulton	CA	3	122.769	38.496		
9-1-1994	Gasquet	CA	3	123.968	41.846		
9-1-1994	Glendale	OR	3	123.422	42.736		
9-1-1994	Gold Beach	OR	3	124.421	42.408		
9-1-1994	Hayfork	CA	3	123.182	40.554		
9-1-1994	Hoopa	CA	3	123.673	41.051		
9-1-1994	Klamath	CA	3	124.037	41.527		
9-1-1994	Klamath Falls	OR	3	121.781	42.225		
9-1-1994	Lakeport	CA	3	122.915	39.043		
9-1-1994	Lewiston	CA	3	122.806	40.708		
9-1-1994	Lower Lake	CA	3	122.609	38.911		
9-1-1994	Magalia	CA	3	121.577	39.812		
9-1-1994	Mount Shasta	CA	3	122.309	41.310		
9-1-1994	Mountain View	CA	3	122.083	37.386		
9-1-1994	Navarro	CA	3	123.541	39.152		
9-1-1994	Nevada City	CA	3	121.015	39.262		
9-1-1994	Oroville	CA	3	121.555	39.514		
9-1-1994	Palo Cedro	CA	3	122.238	40.564		
9-1-1994	Petaluma	CA	3	122.636	38.233		
9-1-1994	Platina	CA	3	122.890	40.360		
9-1-1994	Point Arena	CA	3	123.692	38.909		

Table 1. Modified Mercalli Intensity Observations for California North-Coast Earthquakes

Mo-Day-Yr	Location	St	MMI	Long(°W)	Lat(°N)	Site Corr	MMI- Site Corr
9-1-1994	Quincy	CA	3	120.946	39.937		
9-1-1994	Red Bluff	CA	3	122.235	40.179		
9-1-1994	Redding	CA	3	122.391	40.587		
9-1-1994	Redwood Valley	CA	3	123.203	39.266		
9-1-1994	Roseburg	OR	3	123.341	43.217		
9-1-1994	Ruth	CA	3	123.320	40.270		
9-1-1994	Saint Helena	CA	3	122.469	38.505		
9-1-1994	San Francisco	CA	3	122.418	37.775		
9-1-1994	San Leandro	CA	3	122.155	37.725		
9-1-1994	Santa Rosa	CA	3	122.713	38.441		
9-1-1994	Sebastopol	CA	3	122.823	38.402		
9-1-1994	Seiad Valley	CA	3	123.191	41.841		
9-1-1994	Selma	OR	3	123.615	42.279		
9-1-1994	Smith River	CA	3	124.146	41.928		
9-1-1994	Stewarts Point	CA	3	123.398	38.652		
9-1-1994	Summit City	CA	3	122.401	40.686		
9-1-1994	Ukiah	CA	3	123.207	39.150		
9-1-1994	Weaverville	CA	3	122.941	40.731		
9-1-1994	Weed	CA	3	122.385	41.423		
9-1-1994	Williams	CA	3	122.148	39.155		
9-1-1994	Willows	CA	3	122.193	39.524		
9-1-1994	Yorkville	CA	3	123.213	38.898		