



Figure 1.--Index map of part of northwestern Montana (Missoula-Kalispell region). Many faults that break the rocks at the southern end of the Flathead Lake area are not shown for purposes of clarity.

TABLE 1.--Instrumentally recorded earthquake data in the Missoula-Kalispell region, Montana

[Records examined from 1872-1974. Data from United States Earthquakes, U.S. Dept. Commerce, National Oceanic and Atmospheric Administration, Earthquake Data Service, National Geophysical and Solar-Terrestrial Data Center, Spokane, Washington. Primary--(P) local; secondary--(S); tertiary--(T); depth--(D); magnitude--(M); intensity--(I); distance--(R); date--(Y-M-D); effects--(E); source--(S); United States Earthquakes (page).]

*Sightings are located in the study area; **not instrumentally recorded; ***not determined; ****not available

No. ¹	Co. ²	Op. ³	Ry. ⁴	Lat. ⁵	Long. ⁶	Depth ⁷	Magnitude ⁸	Intensity ⁹	Cultural Effects ¹⁰	Date ⁶	Source ¹¹	United States Earthquakes ¹²		
No.	Co.	Op.	Ry.	Lat.	Long.	Mi.	Km.	(Max.)		Yr.	Mo.	Day	(page)	
1	P	27	22	48°06'	114°24'	21	33	-	-	1965	10	9	COS	
2	P	27	20	48°06'	114°09'	3	5	4.5	-	1967	4	9	EGL	23
3	P	26	21	48°07'	114°18'	21	33	-	-	1967	8	16	COS	9-10
4	P	26	21	48°07'	114°18'	21	33	-	-	1967	12	26	COS	9-10
5	P	26	20 (U)	48°06'	114°06'	21	33	-	-	1969	12	26	US	13
6+	P	26	17	48°06'	114°48'	21	33	3.5	VII	1952	4	1	US	10-11
7	P	26	22	47°59'	114°23'	9	15	4.5	-	1969	6	23	COS	24
8	L	25	21	47°56'	114°23'	9	14	4.5	-	1969	6	23	COS	24
9	L	25	21	47°56'	114°23'	9	13	-	-	1969	6	23	COS	24
10	L	25	21	47°56'	114°18'	10	16	4.0	-	1969	4	13	COS	20
11	L	25	20	47°56'	114°12'	3	5	4.4	-	1971	4	13	NOS	18
12	L	25	20	47°56'	114°12'	3	5	-	-	1970	9	26	NOS	23
13	L	25	22	47°55'	114°22'	6	10	-	-	1970	9	26	COS	20
14	L	25	21	47°55'	114°18'	7	11	-	-	1970	4	6	COS	20
15	P	25	23	47°55'	114°23'	21	33	3.1	V	1969	21	24	COS	10
16	P	25	22	47°54'	114°28'	3	5	4.0	V	1971	7	24	EGL	20
17	L	25	22	47°54'	114°24'	3	5	4.0	V	1970	9	1	NOS	15
18+	L	25	21	47°54'	114°24'	21	33	4.5	V	1970	9	1	NOS	15
18+	L	25	21	47°54'	114°18'	6	10	4.7	VII	1969	4	1	US	24
19+	L	25	21	47°54'	114°18'	3	5	4.2	V	1969	6	9	COS	23
20+	L	25	21	47°54'	114°18'	3	5	3.8	V	1970	7	24	EGL	24
20+	L	25	20 (U)	47°54'	114°12'	12	19	4.3	VII	1969	9	15	US	24
20+	L	25	20 (U)	47°54'	114°12'	6	10	4.0	V	1969	9	15	US	25
20+	L	25	20 (U)	47°54'	114°12'	3	5	4.3	V	1970	2	4	US	23
20+	L	25	20 (U)	47°54'	114°12'	12	20	3.6	V	1970	2	5	US	14
21+	L	25	20 (U)	47°54'	114°06'	17	28	-	V	1970	2	5	US	14
22+	L	25	21	47°53'	114°18'	21	33	-	V	1970	2	4	US	14
23	L	25	21	47°53'	114°18'	21	33	-	V	1970	1	19	COS	23
24	L	25	21	47°53'	114°18'	3	5	4.0	V	1970	1	19	COS	23
25	L	24	21	47°51'	114°17'	3	5	4.3	-	1972	4	22	NOS	14
26	L	24	21	47°51'	114°17'	3	5	4.3	-	1972	4	22	NOS	14
27	L	24	21	47°51'	114°18'	3	5	3.9	V	1971	11	6	EGL	23
28	L	24	21	47°51'	114°27'	3	5	4.1	V	1970	9	20	EGL	20
29	L	24	21	47°51'	114°27'	3	5	4.1	V	1971	7	23	EGL	19-20
30	L	24	21	47°50'	114°20'	3	5	-	V	1971	7	23	EGL	19-20
31	L	24	21 (U)	47°50'	114°19'	13	21	4.4	V	1971	4	12	NOS	17
32	L	24	21 (U)	47°50'	114°19'	3	5	4.5	V	1971	4	12	EGL	19-20
33	L	24	21	47°49'	114°25'	3	5	4.4	V	1972	3	4	EGL	23
34+	L	24	22	47°49'	114°23'	3	5	3.7	V	1972	3	4	EGL	23
35	L	24	21	47°49'	114°23'	3	5	3.8	V	1970	1	19	COS	23
36	L	24	21	47°49'	114°19'	3	5	4.0	V	1971	7	24	EGL	19-20
37	L	24	21	47°49'	114°19'	3	5	4.0	V	1970	2	21	EGL	19-20
38	L	24	21	47°48'	114°21'	3	5	-	V	1971	7	24	EGL	19-20
39	L	24	21	47°48'	114°20'	3	5	-	V	1971	7	24	EGL	19-20
40	L	24	21	47°48'	114°19'	3	5	4.6	V	1971	7	28	EGL	19
41	L	24	21	47°48'	114°19'	3	5	4.5	V	1971	1	21	EGL	19
42+	L	24	20	47°48'	114°12'	21	33	4.6	V	1969	10	16	16-17	24
42+	L	24	20	47°48'	114°12'	21	33	4.6	V	1970	2	13	US	24
42+	L	24	20	47°48'	114°12'	21	33	4.6	V	1970	2	13	US	25
43	L	24	20	47°48'	114°12'	21	33	4.6	V	1969	10	14	US	24
44	L	24	20	47°48'	114°12'	21	33	4.6	V	1970	2	13	US	23
45	L	23	21	47°47'	114°24'	3	5	4.4	V	1971	7	24	EGL	20
46	L	23	21	47°47'	114°24'	3	5	4.4	V	1971	7	24	EGL	21
47	L	23	21	47°46'	114°18'	3	5	3.4	D	1971	7	13	EGL	19
48	L	23	20	47°46'	114°13'	3	5	4.4	F	1972	1	5	NOS	23
49	L	23	20	47°45'	114°13'	3	5	4.4	F	1971	6	13	NOS	19
50	L	23	20	47°45'	114°13'	3	5	3.0	V	1971	10	18	US	21
51	L	23	20	47°45'	114°13'	3	5	-	V	1971	10	23	US	21