



## MODIFIED MERCALLI INTENSITY SCALE OF 1931

of Commerce, Coast and Geodetic Survey, Serial No. 483, p. 1-28.

YEAR	DATE	TIME	ORIGIN	TIME (UTC)	LAT.	LONG.	DEPTH	HQ/CONT.	Q	W	U	W	U	W	U	W	U	
YEAR	MONTH	DAY	H	M	S	N	(DEG)	Q	W	U	W	U	W	U	W	U	W	U
1950	JUN	19	04	19	..	35.8	84.0	..	H	173	..	..	..	..	..	..	..	
1952	FEB	20	22	34	36	36.4	89.5	..	C	275	..	..	..	..	..	..	..	
1952	MAR	17	01	30	..	36.2	89.6	..	C	113	..	..	..	..	..	..	..	
1952	MAR	20	20	20	..	36.2	89.6	..	C	275	..	..	..	..	..	..	..	
1952	JUL	16	23	48	10	36.2	89.6	..	C	25	..	..	..	..	..	..	..	
1952	JUL	17	00	09	..	36.2	89.6	..	F	25	..	..	..	..	..	..	..	
1952	JUL	18	04	16	..	36.0	89.4	..	F	132	..	..	..	..	..	..	..	
1952	OCT	17	04	30	..	36.0	89.4	..	G	232	..	..	..	..	..	..	..	
1952	OCT	17	04	35	..	36.0	89.0	..	G	132	..	..	..	..	..	..	..	
1952	OCT	04	06	03	..	36.0	89.5	..	G	132	..	..	..	..	..	..	..	
1953	JAN	26	06	48	..	36.0	89.5	..	G	132	..	..	..	..	..	..	..	
1953	JAN	27	06	48	..	36.0	89.5	..	G	205	..	..	..	..	..	..	..	
1953	JAN	26	23	18	..	36.0	89.5	..	G	105	..	..	..	..	..	..	..	
1953	FEB	11	10	54	36	36.5	89.5	..	D	26	..	..	..	..	..	..	..	
1953	FEB	11	06	34	..	36.0	89.5	..	D	205	..	..	..	..	..	..	..	
1953	FEB	18	00	17	..	36.0	89.5	..	G	132	..	..	..	..	..	..	..	
1953	FEB	19	05	05	..	36.0	89.5	..	G	105	..	..	..	..	..	..	..	
1953	FEB	14	07	30	..	36.0	89.5	..	G	132	..	..	..	..	..	..	..	
1953	DEC	05	13	45	..	36.0	84.0	..	G	103	..	..	..	..	..	..	..	
1954	JAN	14	..	..	..	36.0	84.0	..	F	132	..	..	..	..	..	..	..	
1954	JAN	23	07	30	..	36.0	89.5	..	G	105	..	..	..	..	..	..	..	
1954	JAN	23	01	..	..	35.3	84.0	..	G	103	..	..	..	..	..	..	..	
1954	FEB	27	02	09	27	35.1	90.0	..	F	27	..	..	..	..	..	..	..	
1955	JAN	20	07	30	..	36.0	89.5	..	G	132	..	..	..	..	..	..	..	
1955	JAN	12	06	25	..	35.8	84.0	..	G	132	..	..	..	..	..	..	..	
1955	JAN	25	07	24	30	36.0	89.5	..	F	105	..	..	..	..	..	..	..	
1955	JAN	19	19	34	..	36.0	89.5	..	F	105	..	..	..	..	..	..	..	
1955	MAR	29	09	02	40	36.0	89.5	..	F	105	..	..	..	..	..	..	..	
1955	SEP	06	16	45	..	36.0	89.5	..	F	105	..	..	..	..	..	..	..	
1955	SEP	06	16	45	..	36.0	89.5	..	G	132	..	..	..	..	..	..	..	
1955	SEP	24	18	45	..	36.4	89.5	..	G	105	..	..	..	..	..	..	..	
1955	SEP	24	18	45	..	36.4	89.5	..	G	105	..	..	..	..	..	..	..	
1955	DEC	13	07	56	..	36.0	89.5	..	G	105	..	..	..	..	..	..	..	
1956	JAN	29	04	14	15	35.6	89.6	..	A	29	..	..	..	..	..	..	..	
1956	JAN	13	16	01	..	36.0	89.5	..	A	29	..	..	..	..	..	..	..	
1956	SEP	07	13	49	29	35.5	84.0	..	A	29	..	..	..	..	..	..	..	
1956	SEP	09	22	45	..	35.8	86.7	..	G	105	..	..	..	..	..	..	..	
1956	SEP	06	34	18	..	36.0	89.5	..	G	132	..	..	..	..	..	..	..	
1957	AUG	17	23	..	..	36.2	84.9	..	G	132	..	..	..	..	..	..	..	
1957	NOV	07	17	15	..	36.0	84.0	..	G	132	..	..	..	..	..	..	..	
1957	NOV	22	25	33	..	36.0	89.5	..	G	105	..	..	..	..	..	..	..	
1958	APR	26	07	30	..	36.4	89.5	..	G	105	..	..	..	..	..	..	..	
1959	JAN	21	15	35	..	36.3	89.5	..	G	103	..	..	..	..	..	..	..	
1959	FEB	08	07	30	..	36.0	89.5	..	G	105	..	..	..	..	..	..	..	
1959	FEB	13	08	39	..	36.2	89.5	..	G	103	..	..	..	..	..	..	..	
1959	JUN	13	01	..	..	35.4	84.3	..	G	132	..	..	..	..	..	..	..	
1959	JUL	16	16	34	..	36.0	89.5	..	G	132	..	..	..	..	..	..	..	
1960	JAN	28	21	38	..	36.0	89.5	..	G	105	..	..	..	..	..	..	..	
1960	FEB	22	13	45	..	36.0	84.8	..	G	132	..	..	..	..	..	..	..	
1960	FEB	20	30	..	..	36.0	89.5	..	G	132	..	..	..	..	..	..	..	
1960	APR	15	10	10	10	35.8	83.9	..	F	103	..	..	..	..	..	..	..	
1960	APR	10	..	..	..	36.0	89.5	..	F	103	..	..	..	..	..	..	..	
1962	MAR	25	..	..	..	36.5	89.5	..	D	113	..	..	..	..	..	..	..	
1962	MAY	24	..	..	..	36.5	89.5	..	D	113	..	..	..	..	..	..	..	
1962	JUL	23	02	35	..	36.0	89.5	..	D	113	..	..	..	..	..	..	..	
1962	JUL	23	06	05	17	36.1	89.4	..	B	177	..	..	..	..	..	..	..	
1963	MAR	31	13	31	04	36.1	89.5	..	D	113	..	..	..	..	..	..	..	
1963	MAR	31	13	31	04	36.1	89.5	..	D	113	..	..	..	..	..	..	..	
1964	MAY	25	19	54	10.0	36.2	89.5	..	C	178	..	..	..	..	..	..	..	
1964	MAR	17	19	12	06.0	36.5	89.6	..	B	177	..	..	..	..	..	..	..	
1964	MAR	17	19	12	06.0	36.5	89.6	..	B	178	..	..	..	..	..	..	..	
1964	OCT	13	16	30	..	36.0	84.0	..	C	37	..	..	..	..	..	..	..	
1965	MAR	25	12	59	28.1	36.4	89.5	018	C	113	..	..	..	..	..	..	..	
1965	MAR	25	12	59	28.1	36.4	89.5	018	C	37	..	..	..	..	..	..	..	
1965	MAY	25	07	15	43	36.5	89.5	..	D	113	..	..	..	..	..	..	..	
1965	MAY	01	24	57	..	36.5	89.5	..	D	113	..	..	..	..	..	..	..	
1965	JUL	08	07	03	50	36.5	89.5	..	D	113	..	..	..	..	..	..	..	
1966	MAR	13	14	24	42	36.4	89.5	..	D	113	..	..	..	..	..	..	..	
1966	AUG	20	16	00	..	36.0	89.0	..	D	173	..	..	..	..	..	..	..	
1967	FEB	13	04	13	40.0	36.4	89.2	..	C	178	..	..	..	..	..	..	..	
1967	MAR	21	20	36	17.0	36.1	89.6	..	D	178	..	..	..	..	..	..	..	
1967	MAR	14	14	43	..	36.1	89.7	..	D	176	..	..	..	..	..	..	..	
1967	JUL	06	16	43	51	35.8	80.4	..	C	178	..	..	..	..	..	..	..	
1967	OCT	18	05	06	36	36.5	89.5	..	D	113	..	..	..	..	..	..	..	
1967	OCT	18	05	06	36	36.5	89.5	..	D	113	..	..	..	..	..	..	..	
1968	JAN	23	16	16	..	36.5	89.5	..	D	113	..	..	..	..	..	..	..	
1968	MAY	29	01	59	33	36.5	89.5	..	D	113	..	..	..	..	..	..	..	
1968	JUN	13	21	25	45	36.1	89.5	..	D	113	..	..	..	..	..	..	..	
1969	JUL	13	21	51	14.5	36.1	83.0	001	A	42	3.5	4	1.8	2	..	..	..	
1969	JUL	14	13	13	14.5	36.1	83.0	..	C	42	..	..	..	..	..	..	..	
1969	JUL	14	13	13	14.5	36.1	83.0	..	C	42	..	..	..	..	..	..	..	
1969	JUL	24	18	10	..	36.0	84.0	..	F	142	..	..	..	..	..	..	..	
1969	JUL	24	18	10	..	36.0	84.0	..	F	142	..	..	..	..	..	..	..	
1970	JAN	07	17	45	..	35.2	89.9	..	G	43	..	..	..	..	..	..	..	
1971	JAN	01	14	36	23	36.3	89.5	..	B	177	..	..	..	..	..	..	..	
1971	JAN	01	05	01	05	36.0	89.6	..	B	177	..	..	..	..	..	..	..	
1971	JUL	13	02	03	..	36.0	84.0	..	G	44	..	..	..	..	..	..	..	
1971	OCT	09	16	43	13.8	35.9	83.5	018	A	44	3.4	3.7	2	..	..	..	..	
1972	MAR	26	13	38	..	36.5	89.5	..	C	177	..	..	..	..	..	..	..	
1973	OCT	30	22	58	39.0	35.75	84.00	033	F	46	..	..	..	..	..	..	..	
1973	OCT	30	23	09	..	35.79	84.00	..	F	46	..	..	..	..	..	..	..	
1973	NOV	07	07	48	42	35.75	83.96	..	F	46	..	..	..	..	..	..	..	
1973	NOV	30	08	51	..	35.80	83.96	..	F	46	..	..	..	..	..	..	..	
1973	NOV	30	08	51	..	35.80	83.96	..	F	46	..	..	..	..	..	..	..	
1973	NOV	30	08	51	..	35.80	83.96	..	F	46	..	..	..	..	..	..	..	
1973	NOV	30	08	51	..	35.80	83.96	..	F	46	..	..	..	..	..	..	..	
1973	NOV	30	08	51	..	35.80	83.96	..	F	46								

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