

SEISMICITY 1966 - 2001 (M>4.5)  
 Bulletins of IG (NOA)

YEAR	DATE	HR	MIN	SEC	LAT (N)	LON (E)	H (km)	M
1965	OCT 19	18	53	47.5	38.00	20.50	10	4.5
1968	FEB 22	01	11	54.0	38.60	20.20	10	4.8
1968	JUN 1	08	10	58.0	38.20	20.10	10	4.5
1968	JUL 31	09	21	55.0	38.00	21.00	10	4.8
1968	OCT 17	23	56	1.0	37.90	20.20	10	4.7
1969	JAN 4	09	30	38.0	37.90	20.10	10	4.5
1969	JAN 7	00	50	42.0	37.90	20.20	10	4.7
1969	JAN 11	10	21	47.0	38.00	20.10	10	4.8
1969	MAY 9	07	09	44.0	38.50	20.40	10	4.8
1969	JUN 7	15	31	11.0	37.90	20.20	10	5.0
1969	JUN 12	09	54	35.0	37.90	20.10	10	4.6
1969	JUN 16	07	50	1.0	37.90	20.20	10	4.5
1969	JUN 16	16	06	22.0	38.00	20.20	10	4.9
1969	JUN 17	05	18	42.0	38.20	20.10	10	4.8
1969	JUL 23	22	34	47.0	38.00	20.30	10	4.5
1970	MAR 3	16	35	41.0	38.30	20.60	10	4.6
1970	JUN 30	17	52	28.0	38.40	20.30	10	4.7
1970	JUL 1	00	18	25.0	38.20	20.10	10	4.5
1970	AUG 22	12	04	48.0	38.00	20.40	10	4.5
1970	SEP 1	01	06	42.0	37.90	20.20	10	5.5
1970	SEP 22	06	38	6.0	37.90	20.00	10	4.7
1970	SEP 22	06	46	6.0	38.00	20.10	10	4.8
1970	OCT 8	22	14	19.0	38.10	20.20	10	4.8
1970	OCT 9	00	58	48.0	38.10	20.40	10	4.7
1970	OCT 10	13	48	25.0	38.10	20.30	10	4.9
1970	OCT 11	02	35	29.0	38.00	20.00	10	4.9
1970	NOV 3	15	11	23.0	38.60	20.10	10	4.9
1971	MAR 24	05	11	11.0	38.00	20.30	10	5.1
1971	JUN 10	21	39	22.0	37.90	20.30	10	4.5
1971	SEP 9	06	51	9.0	38.00	20.20	10	4.6
1972	JAN 2	09	17	48.0	37.90	20.20	10	4.5
1972	APR 23	05	13	31.0	38.10	20.90	10	4.5
1972	AUG 14	19	22	14.0	38.20	20.20	10	4.5
1972	SEP 17	14	07	14.0	38.20	20.40	10	6.3
1972	SEP 17	14	44	5.0	38.30	20.20	10	4.7
1972	SEP 18	08	20	25.0	38.10	20.30	10	5.0
1972	SEP 18	14	37	35.0	38.20	20.30	10	4.5
1972	SEP 21	02	21	48.0	38.30	20.20	10	4.5
1972	SEP 21	22	32	1.0	38.10	20.10	10	5.4
1972	SEP 22	08	04	22.0	38.10	20.10	10	4.5
1972	OCT 4	08	48	41.0	38.10	20.20	10	5.2
1972	OCT 18	23	00	45.0	38.20	20.40	10	4.5
1972	OCT 30	14	32	10.0	38.30	20.40	10	5.6
1972	DEC 9	08	52	20.0	38.20	20.20	10	4.8
1972	DEC 14	17	50	22.0	38.00	20.30	10	4.6
1973	JAN 2	01	50	27.0	38.10	20.30	10	4.5
1973	JAN 29	06	02	31.0	38.20	20.30	10	4.5
1973	FEB 8	03	37	20.0	38.20	20.30	10	4.6
1973	FEB 8	11	57	17.0	38.20	20.20	10	4.5

1973	FEB	8	16	44	28.0	38.20	20.10	10	4.6
1973	FEB	15	21	25	2.0	38.30	20.20	10	4.5
1973	SEP	17	14	47	47.0	38.40	20.20	10	4.7
1973	DEC	27	13	35	19.0	38.60	20.80	10	4.7
1974	JAN	24	09	40	15.0	38.40	20.20	10	4.8
1974	JUN	18	08	26	11.0	38.40	20.50	10	4.9
1974	DEC	14	02	36	38.0	38.10	20.80	10	5.5
1974	DEC	14	21	29	22.0	38.40	20.40	10	4.7
1975	FEB	20	13	55	40.0	38.50	20.50	10	4.7
1975	FEB	26	06	50	43.0	38.00	20.20	10	4.5
1975	SEP	17	23	44	19.0	38.10	20.40	10	4.7
1976	JAN	20	03	22	40.0	38.30	20.00	10	4.5
1976	FEB	1	13	21	46.0	38.60	20.10	10	4.9
1976	FEB	18	11	41	37.0	38.60	20.50	10	4.7
1976	JUL	18	13	30	38.8	38.40	20.00	10	4.9
1976	AUG	23	03	15	13.1	38.10	20.70	4	4.9
1978	JUN	20	07	04	14.0	38.40	20.20	33	4.5
1979	JAN	8	02	11	38.0	37.90	20.90	33	4.6
1979	JUL	29	02	36	11.0	38.00	20.60	10	4.5
1979	NOV	8	11	51	25.0	38.10	20.20	10	4.6
1980	MAR	9	12	32	48.0	38.60	20.40	10	4.7
1980	APR	12	09	10	15.0	38.60	20.60	10	5.4
1980	APR	12	11	32	10.0	38.60	20.30	10	5.6
1981	JAN	8	22	49	8.0	38.00	20.50	10	4.6
1981	MAY	16	18	34	56.0	37.90	20.00	10	4.5
1981	JUN	14	07	09	20.0	37.90	20.10	10	4.5
1981	JUN	24	22	54	47.0	37.90	20.00	10	4.5
1981	JUN	25	04	26	50.0	37.90	20.00	10	4.7
1981	JUN	28	12	39	57.0	37.90	20.10	10	4.6
1981	JUN	28	17	20	21.0	37.90	20.10	10	6.0
1981	JUN	29	07	48	6.0	37.90	20.20	10	5.2
1981	JUN	29	11	52	50.0	37.90	20.00	10	4.8
1981	JUN	29	15	11	52.0	38.00	20.20	10	4.8
1981	JUN	29	18	26	53.0	38.00	20.00	10	4.6
1981	JUN	29	22	21	13.0	38.00	20.00	10	4.5
1981	JUN	29	22	40	52.0	37.90	20.10	10	4.5
1981	JUN	29	22	42	54.0	37.90	20.20	10	4.9
1981	JUN	29	23	40	55.0	37.90	20.10	10	4.6
1981	JUN	30	00	31	45.0	37.90	20.10	10	5.0
1981	JUN	30	15	09	21.0	37.90	20.00	10	5.5
1981	JUN	30	15	17	58.0	37.90	20.00	10	4.5
1981	SEP	18	04	20	21.0	37.90	20.40	10	4.6
1981	SEP	18	05	46	27.0	38.00	20.50	10	4.8
1982	FEB	20	07	58	35.0	38.60	20.40	10	4.5
1982	MAR	31	00	46	48.0	38.50	20.30	10	5.1
1982	OCT	19	20	22	58.0	38.10	20.50	10	4.5
1983	JAN	17	12	41	30.9	37.97	20.25	9	6.7
1983	JAN	17	12	54	17.1	38.10	20.54	10	4.8
1983	JAN	17	12	56	40.6	38.07	20.62	5	4.7
1983	JAN	17	13	29	31.5	37.95	20.32	33	4.5
1983	JAN	17	14	18	59.3	38.20	20.61	10	4.6
1983	JAN	17	15	14	10.2	38.16	20.13	15	4.5
1983	JAN	17	15	53	57.9	38.25	20.60	4	5.4
1983	JAN	17	16	22	31.1	38.12	20.53	10	4.8

1983	JAN	17	16	53	30.7	38.12	20.40	8	5.4
1983	JAN	17	17	08	31.5	37.90	20.37	5	4.5
1983	JAN	17	17	13	37.3	38.02	20.40	10	4.5
1983	JAN	17	17	54	1.6	38.02	20.25	10	4.9
1983	JAN	17	18	22	44.4	38.04	20.29	10	4.6
1983	JAN	17	18	34	7.7	38.07	20.31	10	4.5
1983	JAN	17	18	51	9.0	38.01	20.28	10	4.8
1983	JAN	17	23	19	14.4	37.98	20.27	10	4.5
1983	JAN	18	01	31	56.5	38.11	20.44	10	4.5
1983	JAN	18	06	09	40.2	38.15	20.63	10	4.5
1983	JAN	18	07	52	43.5	38.19	20.44	5	4.7
1983	JAN	18	07	56	47.9	38.05	20.42	10	4.5
1983	JAN	18	09	31	8.1	38.03	20.35	10	4.6
1983	JAN	18	18	19	14.8	37.92	20.38	10	4.7
1983	JAN	18	22	34	42.1	38.02	20.33	10	5.0
1983	JAN	19	00	02	15.5	38.05	20.41	6	6.0
1983	JAN	19	00	18	21.9	38.10	20.35	9	4.9
1983	JAN	19	04	04	36.7	38.05	20.19	10	4.5
1983	JAN	19	08	25	32.3	38.11	20.45	10	4.8
1983	JAN	19	11	56	9.6	38.20	20.68	10	4.5
1983	JAN	19	13	25	1.6	38.15	20.64	36	4.7
1983	JAN	20	06	18	44.0	38.02	20.21	10	4.6
1983	JAN	20	07	35	5.7	38.08	20.08	10	4.8
1983	JAN	20	15	53	59.6	37.92	20.11	10	4.5
1983	JAN	22	16	01	41.5	38.03	20.31	11	4.7
1983	JAN	28	09	12	28.2	38.05	20.28	10	4.7
1983	JAN	30	11	46	8.0	38.11	20.31	10	4.5
1983	JAN	31	01	06	22.2	38.16	20.43	4	4.5
1983	JAN	31	15	27	.6	38.05	20.41	5	5.8
1983	FEB	1	13	07	33.6	38.11	20.35	10	4.5
1983	FEB	2	06	16	35.9	38.01	20.13	10	4.6
1983	FEB	2	12	43	13.6	38.00	20.26	10	4.7
1983	FEB	3	13	25	35.2	38.03	20.21	10	4.6
1983	FEB	22	10	52	32.7	37.92	20.11	9	4.5
1983	FEB	23	06	12	38.9	38.21	20.69	10	4.6
1983	FEB	23	19	11	8.2	38.00	20.31	10	4.5
1983	MAR	4	10	04	13.8	38.13	20.29	10	4.6
1983	MAR	18	00	45	41.3	38.15	20.43	4	4.7
1983	MAR	22	05	12	54.8	38.16	20.38	10	4.7
1983	MAR	23	23	51	7.6	38.19	20.40	10	6.2
1983	MAR	24	02	05	5.9	38.14	20.23	10	4.8
1983	MAR	24	02	36	9.7	38.41	20.79	35	4.9
1983	MAR	24	02	56	39.0	38.07	20.34	4	4.5
1983	MAR	24	04	17	30.7	38.04	20.25	10	5.6
1983	MAR	24	10	47	10.7	38.08	20.30	10	4.7
1983	MAR	24	11	16	24.9	38.15	20.47	10	4.5
1983	MAR	24	12	50	59.6	38.11	20.45	6	5.3
1983	MAR	24	14	07	4.5	38.16	20.42	10	4.7
1983	MAR	24	14	19	31.9	38.19	20.56	10	4.5
1983	MAR	24	18	45	8.1	38.18	20.59	4	4.5
1983	MAR	24	19	35	57.3	38.20	20.39	9	5.1
1983	MAR	24	22	03	22.1	38.18	20.64	11	4.5
1983	MAR	25	11	00	4.7	38.12	20.37	10	4.7
1983	MAR	25	18	56	42.4	38.19	20.58	6	5.3

1983	MAR	25	20	20	48.4	38.24	20.57	6	4.8
1983	MAR	25	20	43	15.1	38.11	20.62	11	4.7
1983	MAR	25	21	00	53.5	38.21	20.56	9	4.9
1983	MAR	26	17	17	25.9	38.11	20.35	5	4.9
1983	MAR	31	07	20	.9	38.06	20.23	10	4.7
1983	MAY	13	07	48	45.4	38.11	20.43	13	4.5
1983	MAY	13	23	48	52.2	38.40	20.48	5	4.7
1983	MAY	13	23	50	28.3	38.35	20.17	5	5.6
1983	MAY	14	00	17	53.8	38.41	20.36	5	4.8
1983	MAY	14	01	19	25.1	38.17	20.66	5	4.8
1983	MAY	14	01	27	17.5	38.42	20.33	5	4.6
1983	MAY	14	23	13	48.0	38.41	20.44	5	5.5
1983	MAY	14	23	26	.9	38.36	20.45	5	5.3
1983	MAY	15	23	07	13.2	38.32	20.28	6	4.5
1983	MAY	24	19	03	12.9	38.00	20.90	5	4.6
1983	MAY	29	05	09	15.9	38.02	20.17	5	4.8
1984	JAN	13	17	51	53.0	38.48	20.50	5	4.6
1985	JAN	23	16	11	37.4	38.35	20.59	5	4.7
1985	MAY	20	07	51	15.5	38.24	20.31	5	4.7
1986	JAN	30	00	05	29.7	38.17	20.39	9	4.5
1986	APR	22	20	33	40.3	38.24	20.56	6	4.6
1987	FEB	27	23	34	54.1	38.37	20.42	5	5.9
1987	AUG	3	11	11	7.0	38.55	20.64	5	4.6
1988	MAY	18	05	17	42.7	38.35	20.47	5	5.8
1988	MAY	18	09	09	46.0	38.32	20.48	5	4.8
1988	MAY	19	04	16	54.5	38.22	20.49	5	4.5
1988	MAY	22	03	44	15.9	38.35	20.54	5	5.5
1988	MAY	22	04	33	39.8	38.25	20.35	41	4.5
1988	MAY	22	22	47	25.3	38.28	20.58	5	4.5
1988	JUN	2	10	35	25.7	38.27	20.36	5	5.0
1988	JUN	3	18	37	43.4	38.28	20.41	5	4.5
1988	JUN	4	10	57	56.0	38.29	20.41	5	4.5
1988	JUN	6	05	57	43.0	38.30	20.48	5	5.0
1988	JUN	26	06	05	1.2	38.32	20.40	5	4.5
1988	OCT	16	12	34	5.4	37.90	20.96	4	6.0
1988	OCT	16	12	44	33.9	38.16	20.99	10	4.7
1988	OCT	22	08	53	10.0	37.93	20.94	5	4.5
1988	NOV	11	17	52	50.7	37.98	20.39	6	4.9
1989	JUN	18	03	15	52.6	38.41	20.59	5	4.5
1989	AUG	24	02	38	17.0	38.06	20.24	5	4.6
1989	AUG	26	07	56	10.9	37.96	20.25	5	4.6
1990	APR	10	03	19	16.9	38.17	20.44	8	4.5
1990	MAY	4	07	26	58.2	38.42	20.53	5	4.5
1990	MAY	24	19	59	6.6	37.90	20.95	5	4.8
1990	AUG	24	12	54	42.0	38.28	20.53	5	4.5
1991	APR	21	08	51	56.1	37.92	20.09	11	5.2
1991	JUN	26	11	43	32.7	38.30	20.59	48	5.2
1991	JUL	26	08	57	28.8	37.92	20.99	5	4.7
1992	JAN	21	20	16	57.1	38.33	20.45	5	4.5
1992	JAN	23	04	24	16.7	38.28	20.41	3	5.5
1992	JAN	23	06	27	39.2	38.28	20.27	5	5.1
1992	JAN	25	12	23	21.2	38.26	20.50	5	4.5
1992	FEB	1	09	05	19.7	38.29	20.52	5	4.5
1992	MAR	20	02	27	8.2	38.42	20.57	5	4.7

1992	AUG	18	03	05	6.2	38.25	20.69	5	4.5
1993	JAN	9	23	05	17.5	37.90	20.45	4	4.9
1993	SEP	10	13	33	20.1	38.55	20.60	5	4.6
1993	NOV	14	09	52	49.5	38.06	20.16	8	4.6
1994	MAR	15	22	41	4.0	38.59	20.46	5	4.5
1994	JUL	18	15	44	17.8	38.60	20.58	5	4.9
1995	MAR	23	12	19	12.8	37.96	20.14	5	4.6
1995	MAY	10	22	46	.4	38.04	20.64	9	4.6
1995	OCT	5	08	21	30.7	38.13	20.30	5	4.9
1995	OCT	6	02	10	1.3	38.10	20.29	5	4.5
1995	DEC	17	08	22	24.8	38.06	20.35	6	4.8
1995	DEC	31	11	48	5.8	38.47	20.39	5	4.5
1996	FEB	27	14	25	41.5	38.07	20.15	5	4.5
1996	MAY	26	21	44	19.4	38.14	20.25	5	4.7
1996	JUL	4	21	57	20.0	38.20	20.39	5	4.9
1998	APR	23	12	03	33.7	38.28	20.52	5	4.5
1998	MAY	15	05	32	17.7	37.96	20.26	5	4.5
1998	OCT	11	17	02	51.4	37.91	20.46	11	4.7
1998	NOV	22	21	52	52.1	38.06	20.32	5	4.7
1998	DEC	9	17	25	45.0	38.05	20.31	5	4.5
1999	MAR	31	08	46	13.5	37.97	20.82	5	4.6
1999	JUN	13	11	09	12.9	38.02	20.18	5	4.5
1999	DEC	19	09	57	49.5	38.12	20.23	5	4.5
1999	DEC	23	23	09	50.3	37.98	20.86	5	4.7
1999	DEC	26	20	05	39.4	37.92	20.92	5	4.8
2000	APR	28	18	19	24.4	37.98	20.15	4	4.5
2000	OCT	9	00	02	13.2	38.13	20.28	31	4.7
2000	OCT	9	00	30	37.5	38.15	20.34	31	4.5
2001	FEB	27	11	38	57.8	38.09	20.36	5	4.7
2001	FEB	28	00	27	16.3	37.97	20.04	8	4.5
2001	MAR	11	03	50	12.4	38.40	20.67	5	4.6

COORDINATES OF THE AREA: 37.90 38.60 20.00 21.00  
 TIME WINDOW: 1966 2001  
 DEPTH WINDOW: 0 900  
 MAGNITUDE WINDOW: M>4.5  
 NUMBER OF EVENTS= 242