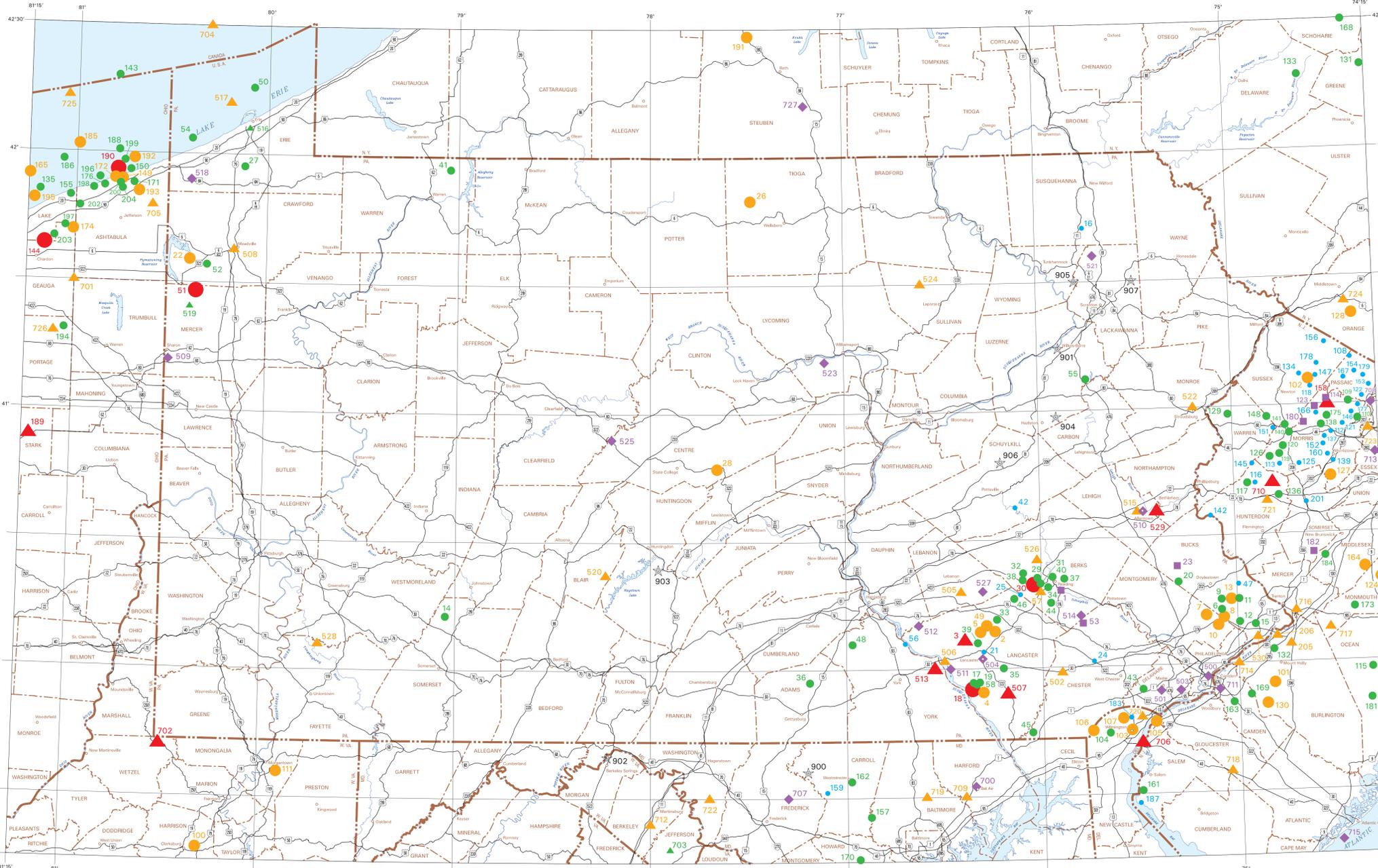




EARTHQUAKE EPICENTERS IN AND NEAR PENNSYLVANIA

COMPILED BY
RODGER T. FAILL
2004

LIST OF EARTHQUAKES BY MAP NUMBER



Instrumental (post-1965), Inside Pennsylvania (1-58)											
Map no.	Date y/m/d	Time hr:min:sec	Magnitude	Map no.	Date y/m/d	Time hr:min:sec	Magnitude	Map no.	Date y/m/d	Time hr:min:sec	Magnitude
1	1972/02/25	17 22 48.5	2.5	27	1990/12/17	7 22 48.5	2.5	43	1990/07/05	16 11 23.25	2.6
2	1972/12/08	3 3 3.5	28	28	1991/08/15	7 15 7.15	3.0	44	1990/07/17	11 43 27.98	2.2
3	1990/11/20	10 4.1	29	29	1993/05/10	9 15 8.6	2.8	45	1990/10/08	6 59 40.6	2.5
4	1990/07/16	6 39 42.3	3.1	29	1993/05/11	2 41 47.6	2.3	47	1997/03/11b	18 58 58.3	1.6
5	1978/10/05	19 25 47.4	3.0	29	1993/05/12	7 4 3.2	2.4	48	1997/05/11	2 4 16.63	2.4
6	1980/03/05a	17 6 56.3	3.5	29	1996/02/03	2 31 14	2.3	49	1997/05/11	10 44 11.05	3.0
7	1980/03/05b	17 20 33.2	2.5	30	1994/01/16a	0 42 43.2	4.0	50	1998/08/30	3 33 50	2.1
8	1980/03/05c	17 20 33.2	2.5	30	1994/01/16b	1 49 16.21	4.6	51	1998/10/09	8 41 45.78	2.0
9	1980/03/05d	17 20 33.2	2.5	30	1994/01/16c	5 14 32.23	2.9	51	1998/10/09	19 52 52.3	5.1
10	1980/03/11a	0 28 8.3	3.0	31	1994/01/16d	5 14 32.23	2.9	51	1998/10/09	19 56 58.47	2.0
11	1980/03/11b	16 16 5.5	2.8	31	1994/01/16e	5 43 20.1	2.4	51	1998/10/09	16 2 3.55	2.0
12	1980/03/11c	15 23 23.5	2.8	31	1994/01/16f	2 47 6.24	2.4	51	1998/10/09	17 19 12.25	2.3
13	1980/03/11d	4 28 20.6	2.6	32	1994/01/17a	2 47 6.24	2.4	51	1998/10/09	17 19 12.25	2.3
14	1982/02/03	4 28 20.6	2.6	32	1994/01/17b	2 47 6.24	2.4	51	1998/10/09	17 19 12.25	2.3
15	1982/02/03	4 28 20.6	2.6	32	1994/01/17c	5 20 19.6	2.0	52	1998/10/09	13 22 43.3	2.5
16	1982/02/03	10 11 34.5	1.8	33	1994/01/17d	1 43 51.9	2.6	53	1998/10/09	13 22 43.3	2.5
17	1984/04/19	4 54 55.1	2.9	34	1994/01/17e	0 53 57.9	2.3	54	1998/10/09	14 17 19.2	2.3
18	1984/04/19	10 11 34.5	1.8	34	1994/01/17f	9 44 55.7	1.9	55	2000/02/24	14 47 19	2.5
19	1984/04/19	13 53 52.62	2.5	34	1994/01/17g	5 18 55.2	2.4	56	2000/02/24	7 38	1.9
20	1984/04/19	1 36 21.1	4.2	35	1994/01/17h	5 18 55.2	2.4	56	2000/02/24	7 38	1.9
21	1984/04/19	2 46 25.5	2.5	36	1994/01/17i	17 21 22.6	2.8	57	1994/01/07a	9 5 44.5	2.0
22	1984/04/19	10 15 22.5	2.3	37	1994/01/17j	3 28 26.3	2.0	57	1994/01/07b	5 8 29	2.5
23	1984/04/19	12 14 52.3	2.2	38	1994/01/17k	3 59 4.6	2.3	58	1994/01/07c	23 59	2.1
24	1984/04/19	8 20 9	2.3	38	1995/04/08	20 9 23.8	2.6	57	1994/01/07d	11	
25	2000/03/22	20 48 0	1.8	39	1995/03/11b	22 49	2.0	57	1994/01/07e	3	
26	1980/03/11a	11 39 54	3.2	40	1997/06/09	0 4	3.2	40	1997/06/09	9 5 34.5	2.0
27	1989/02/02	20 24 17.7	4.0	40	1995/06/04	4 35 12.5	2.7	47	1995/01/08	5 8 29	2.5
28	1990/03/28	6 31 33.8	1.8	41	1995/10/22	14 37 33	1.9	48	2000/10/05	23 59	2.1
29	1990/07/03	3 32 58.8	1.7	41	1995/07/08	22 19 23.8	2.4	58	2001/07/11	14 41 20	1.8
30	1990/12/14	19 38 7.1	3.0	42	1995/08/17	21 9 52.2	1.8				

Instrumental (post-1965), Outside Pennsylvania (100-206)											
Map no.	Date y/m/d	Time hr:min:sec	Magnitude	Map no.	Date y/m/d	Time hr:min:sec	Magnitude	Map no.	Date y/m/d	Time hr:min:sec	Magnitude
100	1988/02/28	17 42 13	3.0	102	2003/02/17	17 42 13	3.0	160	1998/05/10	13 39 28.5	1.8
101	1988/12/10	9 12 48	3.0	103	1979/06/16	4 59 50.6	3.7	161	1990/10/23	1 34 48.27	2.9
102	1989/01/06	3 33 1.2	3.3	104	1979/01/20	16 30 52.1	3.3	162	1991/09/28	11 27 36.47	2.2
103	1971/12/29	10 23 13.3	3.3	105	1979/02/23	10 23 57.2	2.9	163	1991/09/28	11 27 36.47	2.2
104	1971/12/29	10 23 13.3	3.3	106	1979/02/23	10 23 57.2	2.9	164	1992/01/09	8 50 45.22	3.1
105	1972/01/02	4 49 39.7	2.4	107	1979/01/02	4 49 39.7	2.4	165	1992/01/09	6 50 45.22	3.1
106	1972/01/03	2 4 2.4	2.4	108	1979/01/02	19 21 47.8	3.0	166	1992/01/09	23 51 14.8	0.4
107	1972/01/03	3 45 1.9	2.4	109	1979/01/02	16 14 6.8	2.4	167	1992/01/09	16 11 16.8	1.0
108	1972/01/03	6 40 2.4	2.4	110	1980/04/25	0 23 35	2.4	168	1992/01/09	1 30 53.4	2.2
109	1972/01/03a	1 35 24	2.4	111	1980/05/20	21 33 23	2.6	169	1992/01/09	21 13 38.1	2.5
110	1972/01/03b	12 22 43.79	2.4	112	1980/05/20	12 22 43.79	2.4	170	1992/01/09	14 30 48.6	2.5
111	1972/01/03c	10 54 35.7	2.8	113	1980/05/20	10 54 35.7	2.8	171	1992/01/09	5 58 52.31	2.2
112	1972/01/03d	9 15 9	3.0	114	1980/05/20	9 15 9	3.0	172	1992/01/09	5 58 52.31	2.2
113	1972/01/03e	4 15 0	2.4	115	1981/08/18	0 25 8.4	2.1	172	1992/01/09	13 5 22	2.9
114	1972/01/03f	13 46 0	2.4	116	1982/01/27	14 30 26	2.4	173	1992/01/09	14 10 17	1.0
115	1972/11/29	13 0 0	3.0	117	1982/06/12	19 26 3.6	2.4	174	1987/07/16a	4 40 40	2.9
116	1975/01/11	3 47 20	3.4	118	1982/06/12	16 36 28.6	1.6	175	1990/01/01	23 4 48	2.2
117	1975/01/11	19 14 29.6	2.7	119	1983/01/17	19 55 45.13	2.7	176	1990/01/01	6 30 52.12	1.6
118	1983/11/17	19 55 45.13	2.7	120	1983/01/17	19 55 45.13	2.7	177	1993/05/15	16 2 44	2.6
119	1984/10/20	8 55 27	1.7	121	1983/06/01	9 56 57.9	1.5	178	1993/05/15	16 2 44	2.6
120	1984/10/20	8 55 27	1.7	122	1984/10/25	7 18 53.7	2.0	179	1997/06/27	20 58 25	2.5
121	1984/10/20	2 47 51	1.9	123	1984/10/25	14 0 0.5	1.6	180	1997/06/27	14 10 17	1.0
122	1985/10/20	7 55 26.6	1.7	124	1985/10/20	7 55 26.6	1.7	176	1997/06/27	14 10 17	1.0
123	1985/10/20	11 46 32	1.0	125	1985/10/20	11 46 32	1.0	177	1997/06/27	1 35 22	2.0
124	1985/10/20	11 46 32	1.0	126	1985/10/20	11 46 32	1.0	178	1997/06/27	20 58 25	2.5
125	1985/10/20	9 9 42.5	2.0	127	1985/10/20	9 9 42.5	2.0	179	1997/06/27	5 58 25	2.5
126	1985/10/20	12 42 0.6	1.6	128	1985/10/20	12 42 0.6	1.6	180	1997/06/27	14 10 17	1.0
127	1985/10/20	8 51 43.2	3.0	129	1985/10/20	8 51 43.2	3.0	177	1998/06/30	6 37 16	1.9
128	1985/10/20	16 52 53.7	1.7	130	1985/10/20	16 52 53.7	1.7	178	1998/06/30	1 35 22	2.0
129	1985/10/20	11 46 32	1.0	131	1985/10/20	11 46 32	1.0	179	1998/06/30	20 58 25	2.5
130	1985/10/20	9 9 42.5	2.0	132	1985/10/20	9 9 42.5	2.0	180	1998/06/30	14 10 17	1.0
131	1985/10/20	12 42 0.6	1.6	133	1985/10/20	12 42 0.6	1.6	176	1998/06/30	1 35 22	2.0
132	1985/10/20	8 51 43.2	3.0	134	1985/10/20	8 51 43.2	3.0	177	1998/06/30	20 58 25	2.5
133	1985/10/20	16 52 53.7	1.7	135	1985/10/20	16 52 53.7	1.7	178	1998/06/30	14 10 17	1.0
134	1985/10/20	11 46 32	1.0	136	1985/10/20	11 46 32	1.0	179	1998/06/30	1 35 22	2.0
135	1985/10/20	9 9 42.5	2.0	137	1985/10/20	9 9 42.5	2.0	180	1998/06/30	20 58 25	2.5
136	1985/10/20	12 42 0.6	1.6	138	1985/10/20	12 42 0.6	1.6	176	1998/06/30	1 35 22	2.0
137	1985/10/20	8 51 43.2	3.0	139	1985/10/20	8 51 43.2	3.0	177	1998/06/30	20 58 25	2.5
138	1985/10/20	16 52 53.7	1.7	140	1985/10/20	16 52 53.7	1.7	178	1998/06/30	14 10 17	1.0
139	1985/10/20	11 46 32	1.0	141	1985/10/20	11 46 32	1.0	179	1998/06/30	1 35 22	2.0
140	1985/10/20	9 9 42.5	2.0	142	1985/10/20	9 9 42.5	2.0	180	1998/06/30	20 58 25	2.5
141	1985/10/20	12 42 0.6	1.6	143	1985/10/20	12 42 0.6	1.6	176	1998/06/30	1 35 22	2.0
142	1985/10/20	8 51 43.2	3.0	144	1985/10/20	8 51 43.2	3.0	177	1998/06/30	20 58 25	2.5
143	1985/10/20	16 52 53.7	1.7	145	1985/10/20	16 52 53.7	1.7	178	1998/06/30	14 10 17	1.0
144	1985/10/20	11 46 32	1.0	146	1985/10/20	11 46 32	1.0	179	1998/06/30	1 35 22	2.0
145	1985/10/20	9 9 42.5	2.0	147	1985/10/20	9 9 42.5	2.0	180	1998/06/30	20 58 25	2.5
146	1985/10/20	12 42 0.6	1.6	148	1985/10/20	12 42 0.6	1.6	176	1998/06/30	1 35 22	2.0
147	1985/10/20	8 51 43.2	3.0	149	1985/10/20	8 51 43.2	3.0	177	1998/06/30	20 58 25	2.5
148	1985/10/20	16 52 53.7	1.7	150	1985/10/20	16 52 53.7	1.7	178	1998/06/30	14 10 17	1.0
149	1985/10/20	11 46 32	1.0	151	1985/10/20	11 46 32	1.0	179	1998/06/30	1 35 22	2.0
150	1985/10/20	9 9 42.5	2.0	152	1985/10/20	9 9 42.5	2.0	180	1998/06/30	20 58 25	2.5
151	1985/10/20	12 42 0.6	1.6	153	1985/10/20	12 42 0.6	1.6	176	1998/06/30	1 35 22	2.0
152	1985/10/20	8 51 43.2	3.0	154	1985/10/20	8 51 43.2	3.0	177	1998/06/30	20 58 25	2.5
153	1985/10/20	16 52 53.7	1.7	15							