

**DELAWARE GEOLOGICAL SURVEY
CATALOG OF DELAWARE EARTHQUAKES**

Event Number	Date (local)	Time (local)	Date (UTC)	Time (UTC)	Epicenter Latitude	Epicenter Longitude	Felt Area Latitude	Felt Area Longitude	Geographic Location (Felt Area)	Intensity (Mercalli)	Magnitude
1	10/9/1871	09:40	10/9/1871	14:40	-	-	394200	753000	Wilmington	VII	4.1 ^b
2	3/25/1879	19:30	3/26/1879	00:30	-	-	391200	753000	Dover	IV-V	3.3 ^{ab}
3	5/8/1906	12:41	5/8/1906	17:41	-	-	384200	754200	Seaford	IV	3.0 ^b
4	12/3/1937	12:15	12/3/1937	17:15	-	-	384100	752300	Georgetown	IV	2.8 ^c
5	1/8/1944	unknown	-	unknown	-	-	394800	753000	Wilmington	<V	3.2 ^a
6	7/14/1971	unknown	-	unknown	-	-	394443	753410	SW Wilmington	III-IV	2.4 ^f
7	12/29/1971	unknown	-	unknown	-	-	394443	753410	SW Wilmington	IV-V	2.6 ^f
8	1/2/1972	02:08	1/2/1972	07:08	-	-	394443	753410	SW Wilmington	III-IV	2.4 ^f
9	1/2/1972	18:25-23:08	1/2 - 1/3/1972	23:25-04:08	-	-	394443	753410	SW Wilmington	III-IV	2.4 ^f
10	1/6/1972	22:45	1/7/1972	03:45	-	-	394443	753410	SW Wilmington	III-IV	2.4 ^f
11	1/22/1972	01:40	1/22/1972	06:40	-	-	394443	753410	SW Wilmington	III-IV	2.4 ^f
12	1/22/1972	20:35	1/23/1972	01:35	-	-	394443	753410	SW Wilmington	III-IV	2.4 ^f
13	1/23/1972	02:22	1/23/1972	07:22	-	-	394443	753410	SW Wilmington	III-IV	2.4 ^f
14	2/10/1972	19:16:30	2/11/1972	00:16:30	394200	754200	-	-	ENE Newark	V	3.2 ^a
15	2/11/1972	10:30	2/11/1972	15:30	-	-	394400	754000	SW Wilmington	III	2.9 ^f
16	8/13/1972	21:09	8/14/1972	01:09	-	-	394436	753407	SW Wilmington	III-IV	2.4 ^f
17	8/13/1972	21:55	8/14/1972	01:55	-	-	394436	753407	SW Wilmington	III-IV	2.4 ^f
18	11/25/1972	23:15	11/26/1972	04:15	-	-	394443	753412	SW Wilmington	III-IV	2.4 ^f
19	11/27/1972	08:46	11/27/1972	13:46	-	-	394443	753412	SW Wilmington	III-IV	2.4 ^f
20	2/28/1973	03:21:32	2/28/1973	08:21:32	394306	752624	-	-	Tri-State area, most intense Wilmington to Claymont	V-VI	3.8 ^{abd}
21	3/1/1973	15:57	3/1/1973	20:57	394305	754924	-	-	Aftershock - lat and long are for the instrument that recorded the event	I	-
22	3/2/1973	06:23:17	3/2/1973	11:23:17	394812	752506	-	-	Aftershock - Claymont Area	I	-
23	3/2/1973	13:57:22	3/2/1973	18:57:22	394618	752606	-	-	Aftershock - Claymont Area	I	-
24	3/3/1973	02:12:05	3/3/1973	07:12:05	394624	752454	-	-	Aftershock - Claymont Area	I	-
25	3/3/1973	11:20:28	3/3/1973	16:20:28	394754	752400	-	-	Aftershock - Claymont Area	I	-
26	3/3/1973	17:35:50	3/3/1973	22:35:50	394654	752454	-	-	Aftershock - Claymont Area	I	-
27	3/3/1973	21:56	3/4/1973	02:56	394417	752102	-	-	Aftershock - lat and long are for the instrument that recorded the event	I	-
28	7/10/1973	00:38:02	7/10/1973	04:38:02	-	-	394200	754200	Wilmington-Claymont	IV	2.6
29	4/28/1974	10:19:20	4/28/1974	14:19:20	-	-	394400	753400	Wilmington	V	2.5
30	2/10/1977	14:14:26	2/10/1977	19:14:26	-	-	394536	753224	Wilmington	V	2.6
31	6/5/1977	05:47:23	6/5/1977	09:47:23	384429	752452	-	-	Near Georgetown - lat and long are for the instrument that recorded the event	-	<1.0
32	8/2/1977	13:29:41	8/2/1977	17:29:41	384429	752452	-	-	Near Georgetown - lat and long are for the instrument that recorded the event	-	-1.3
33	2/25/1980	00:44	2/25/1980	05:44	-	-	394521	753345	Wilmington	I	-1.0
34	11/17/1983	14:55:09	11/17/1983	19:55:09	394730	753600	394533	753341	Trolley Square area in Wilmington	V	2.9
35	11/17/1983	16:28:01	11/17/1983	21:28:01	394500	753400	394533	753341	Aftershock - Trolley Square area in Wilmington	-	-2.0
36	12/12/1983	00:15:12	12/12/1983	05:15:12	-	-	394734	753143	NW Wilmington	III-IV	2.4
37	12/12/1983	11:42:52	12/12/1983	16:42:52	-	-	-	-	Possible aftershock	-	-1.7
38	1/19/1984	18:03:37	1/19/1984	23:03:37	394500	753300	-	-	Wilmington	IV	2.5
39	1/19/1984	19:46:13	1/20/1984	00:46:13	394500	753300	394500	753341	Wilmington	I-II	1.8
40	2/15/1984	07:17:54	2/15/1984	12:17:54	-	-	394600	753305	N Wilmington	I-II	1.5
41	10/10/1985	21:47:51	10/11/1985	01:47:51	394605	753334	394630	753227	North Wilmington	III-IV	1.9
42	10/20/1985	03:55:27	10/20/1985	07:55:27	394551	753304	394612	753305	Wilmington	III-IV	1.7
43	11/8/1993	13:47	11/8/1993	18:47	-	-	394454	753347	Wilmington	I-II	1.7
44	2/11/1994	10:46	2/11/1994	15:46	394048	753618	-	-	Wilmington Area	I	1.9
45	4/23/1994	04:09:43	4/23/1994	09:09:43	394505	753250	394505	753254	Wilmington	I-II	2.0
46	10/16/1995	22:12:29	10/17/1995	02:12:29	394518	753412	394453	753328	Wilmington	II	2.0
47	10/17/1995	04:51:43	10/17/1995	08:51:43	394522	753238	394508	753256	Wilmington	II-III	2.0
48	12/20/1995	11:32:03	12/20/1995	16:32:03	394511	753311	394456	753340	Wilmington	I-II	1.4
49	6/13/1996	23:52:11	6/14/1996	03:52:11	394428	753256	394424	753300	Wilmington	II-III	2.1
50	6/23/1996	15:53:11	6/23/1996	19:53:11	394442	753311	394445	753338	Wilmington	I-II	1.7
51	1/28/1997	22:12:29	1/29/1997	03:12:29	394438	753338	394437	753312	Wilmington	II	1.4
52	4/15/1997	09:29:44	4/15/1997	13:29:44	-	-	394751	753322	Wilmington	III-IV	1.6
53	3/15/1998	14:25:52	3/15/1998	19:25:52	394416	753223	394508	753246	Wilmington	III	1.8
54	3/19/1998	00:37:26	3/19/1998	05:37:26	394411	753214	394506	754240	Wilmington	III	1.7
55	3/19/1998	01:27:55	3/19/1998	06:27:55	394404	753214	394506	754240	Wilmington	I-II	<1.0
56	10/27/1998	01:41:17	10/27/1998	06:41:17	394718	753515	-	-	Near Montchanin	II	1.5
57	8/13/2003	17:46:30	8/13/2003	21:46:30	394200	754124	-	-	Near Newark	II	1.7
58	4/9/2005	20:27:06	4/10/2005	00:27:06	394312	753036	-	-	North Wilmington - near intersection of Foulk and Naamans roads	I-II	1.2