

**DELAWARE GEOLOGICAL SURVEY
CATALOG OF DELAWARE EARTHQUAKES**

EventNo	DateLocal	TimeLocal	DateUTC	TimeUTC	EpiLatDMS	EpiLatDD	EpiLonDMS	EpiLonDD	FeltLatDMS	FeltLatDD	FeltLonDMS	FeltLatDD	MapLat	MapLon	Place	Notes	Intensity	Magnitude
1	10/9/1871	09:40	10/9/1871	14:40	-	-	-	-	394200	39.700000	753000	-75.500000	39.700000	-75.500000	Wilmington		VII	4.1
2	3/25/1879	19:30	3/26/1879	00:30	-	-	-	-	391200	39.200000	753000	-75.500000	39.200000	-75.500000	Dover		IV-V	3.3
3	1906-05-08	12:41	1906-05-08	17:41	-	-	-	-	384200	38.700000	754200	-75.700000	38.700000	-75.700000	Seaford		IV	3.0
4	1937-12-03	12:15	1937-12-03	17:15	-	-	-	-	384100	38.683333	752300	-75.383333	38.683333	-75.383333	Georgetown		IV	2.8
5	1944-01-08	unknown	1944-01-08	unknown	-	-	-	-	394800	39.800000	753000	-75.500000	39.800000	-75.500000	Wilmington		V	3.2
6	1971-07-14	unknown	1971-07-14	unknown	-	-	-	-	394443	39.745278	753410	-75.569444	39.745278	-75.569444	SW Wilmington		III-IV	2.4
7	1971-12-29	unknown	1971-12-29	unknown	-	-	-	-	394443	39.745278	753410	-75.569444	39.745278	-75.569444	SW Wilmington		IV-V	2.6
8	1972-01-02	02:08	1972-01-02	07:08	-	-	-	-	394443	39.745278	753410	-75.569444	39.745278	-75.569444	SW Wilmington		III-IV	2.4
9	1972-01-02	18:25-23:08	1972-01-03	23:25-04:08	-	-	-	-	394443	39.745278	753410	-75.569444	39.745278	-75.569444	SW Wilmington		III-IV	2.4
10	1972-01-06	22:45	1972-01-07	03:45	-	-	-	-	394443	39.745278	753410	-75.569444	39.745278	-75.569444	SW Wilmington		III-IV	2.4
11	1972-01-22	01:40	1972-01-22	06:40	-	-	-	-	394443	39.745278	753410	-75.569444	39.745278	-75.569444	SW Wilmington		III-IV	2.4
12	1972-01-22	20:35	1972-01-23	01:35	-	-	-	-	394443	39.745278	753410	-75.569444	39.745278	-75.569444	SW Wilmington		III-IV	2.4
13	1972-01-23	02:22	1972-01-23	07:22	-	-	-	-	394443	39.745278	753410	-75.569444	39.745278	-75.569444	SW Wilmington		III-IV	2.4
14	1972-02-10	19:16:30	1972-02-11	00:16:30	394200	39.700000	754200	-75.700000	-	-	-	-	39.700000	-75.700000	ENE Newark		V	3.2
15	1972-02-11	10:30	1972-02-11	15:30	-	-	-	-	394400	39.733333	754000	-75.666667	39.733333	-75.666667	SW Wilmington		III	2.9
16	1972-08-13	21:09	1972-08-14	01:09	-	-	-	-	394436	39.743333	753407	-75.568611	39.743333	-75.568611	SW Wilmington		III-IV	2.4
17	1972-08-13	21:55	1972-08-14	01:55	-	-	-	-	394436	39.743333	753407	-75.568611	39.743333	-75.568611	SW Wilmington		III-IV	2.4
18	1972-11-25	23:15	1972-11-26	04:15	-	-	-	-	394443	39.745278	753412	-75.570000	39.745278	-75.570000	SW Wilmington		III-IV	2.4
19	1972-11-27	08:46	1972-11-27	13:46	-	-	-	-	394443	39.745278	753412	-75.570000	39.745278	-75.570000	SW Wilmington		III-IV	2.4
20	1973-02-28	03:21:32	1973-02-28	08:21:32	394306	39.718333	752624	-75.440000	-	-	-	-	39.718333	-75.440000	Tri-State area	most intense Wilmington to Claymont	V-VI	3.8
21	1973-03-01	15:57	1973-03-01	20:57	394305	39.718056	754924	-75.823333	-	-	-	-	39.718056	-75.823333		Aftershock;lat and long are for the instrument that recorded the	I	
22	1973-03-02	06:23:17	1973-03-02	11:23:17	394812	39.803333	752506	-75.418333	-	-	-	-	39.803333	-75.418333	Claymont Area	Aftershock	I	
23	1973-03-02	13:57:22	1973-03-02	18:57:22	394618	39.771667	752606	-75.435000	-	-	-	-	39.771667	-75.435000	Claymont Area	Aftershock	I	
24	1973-03-03	02:12:05	1973-03-03	07:12:05	394624	39.773333	752454	-75.415000	-	-	-	-	39.773333	-75.415000	Claymont Area	Aftershock	I	
25	1973-03-03	11:20:28	1973-03-03	16:20:28	394754	39.798333	752400	-75.400000	-	-	-	-	39.798333	-75.400000	Claymont Area	Aftershock	I	
26	1973-03-03	17:35:50	1973-03-03	22:35:50	394654	39.781667	752454	-75.415000	-	-	-	-	39.781667	-75.415000	Claymont Area	Aftershock	I	
27	1973-03-03	21:56	1973-03-04	02:56	394417	39.738056	752102	-75.350556	-	-	-	-	39.738056	-75.350556		Aftershock;lat and long are for the instrument that recorded the	I	
28	1973-07-10	00:38:02	1973-07-10	04:38:02	-	-	-	-	394200	39.700000	754200	-75.700000	39.700000	-75.700000	Wilmington;Claymont		IV	2.6
29	1974-04-28	10:19:20	1974-04-28	14:19:20	-	-	-	-	394400	39.733333	753400	-75.566667	39.733333	-75.566667	Wilmington		V	2.5
30	1977-02-10	14:14:26	1977-02-10	19:14:26	-	-	-	-	394536	39.760000	753224	-75.540000	39.760000	-75.540000	Wilmington		V	2.6
31	1977-06-05	05:47:23	1977-06-05	09:47:23	384429	38.733556	752452	-75.414444	-	-	-	-	38.733556	-75.414444	Near Georgetown	lat and long are for the instrument that recorded the event		0.1
32	1977-08-02	13:29:41	1977-08-02	17:29:41	384429	38.733556	752452	-75.414444	-	-	-	-	38.733556	-75.414444	Near Georgetown	lat and long are for the instrument that recorded the event		1.3
33	1980-02-25	00:44	1980-02-25	05:44	-	-	-	-	394521	39.755833	753345	-75.562500	39.755833	-75.562500	Wilmington		I	1.0
34	1983-11-17	14:55:09	1983-11-17	19:55:09	394730	39.791667	753600	-75.600000	394533	39.759167	753341	-75.561389	39.791667	-75.600000	Trolley Square;Wilmington		V	2.9
35	1983-11-17	16:28:01	1983-11-17	21:28:01	394500	39.750000	753400	-75.566667	394533	39.759167	753341	-75.561389	39.750000	-75.566667	Trolley Square;Wilmington	Aftershock		2.0
36	1983-12-12	00:15:12	1983-12-12	05:15:12	-	-	-	-	394734	39.792778	753143	-75.528611	39.792778	-75.528611	NW Wilmington		III-IV	2.4
37	1983-12-12	11:42:52	1983-12-12	16:42:52	-	-	-	-	-	-	-	-	-	-		Possible aftershock		1.7
38	1984-01-19	18:03:37	1984-01-19	23:03:37	394500	39.750000	753300	-75.550000	-	-	-	-	39.750000	-75.550000	Wilmington		IV	2.5
39	1984-01-19	19:46:13	1984-01-20	00:46:13	394500	39.750000	753300	-75.550000	394500	39.750000	753341	-75.561389	39.750000	-75.550000	Wilmington		I-II	1.8
40	1984-02-15	07:17:54	1984-02-15	12:17:54	-	-	-	-	394600	39.766667	753305	-75.551389	39.766667	-75.551389	N Wilmington		I-II	1.5
41	1985-10-10	21:47:51	1985-10-11	01:47:51	394605	39.768056	753334	-75.559444	394630	39.775000	753227	-75.540833	39.768056	-75.559444	N Wilmington		III-IV	1.9
42	1985-10-20	03:55:27	1985-10-20	07:55:27	394551	39.764167	753304	-75.551111	394612	39.770000	753305	-75.551389	39.764167	-75.551111	Wilmington		III-IV	1.7
43	1993-11-08	13:47	1993-11-08	18:47	-	-	-	-	394454	39.748333	753347	-75.563056	39.748333	-75.563056	Wilmington		I-II	1.7
44	1994-02-11	10:46	1994-02-11	15:46	394048	39.680000	753618	-75.605000	-	-	-	-	39.680000	-75.605000	Wilmington		I	1.9
45	1994-04-23	04:09:43	1994-04-23	09:09:43	394505	39.751389	753250	-75.547222	394505	39.751389	753254	-75.548333	39.751389	-75.547222	Wilmington		I-II	2.0
46	1995-10-16	22:12:29	1995-10-17	02:12:29	394518	39.755000	753412	-75.570000	394453	39.748056	753328	-75.557778	39.755000	-75.570000	Wilmington		II	2.0
47	1995-10-17	04:51:43	1995-10-17	08:51:43	394522	39.756111	753238	-75.543889	394508	39.752222	753256	-75.548889	39.756111	-75.543889	Wilmington		II-III	2.0
48	1995-12-20	11:32:03	1995-12-20	16:32:03	394511	39.753056	753311	-75.553056	394456	39.748889	753340	-75.561111	39.753056	-75.553056	Wilmington		I-II	1.4
49	1996-06-13	23:52:11	1996-06-14	03:52:11	394428	39.741111	753256	-75.548889	394424	39.740000	753300	-75.550000	39.741111	-75.548889	Wilmington		II-III	2.1
50	1996-06-23	15:53:11	1996-06-23	19:53:11	394442	39.745000	753311	-75.553056	394445	39.745833	753338	-75.560556	39.745000	-75.553056	Wilmington		I-II	1.7
51	1997-01-28	22:12:29	1997-01-29	03:12:29	394438	39.743889	753338	-75.560556	394437	39.743611	753312	-75.553333	39.743889	-75.560556	Wilmington		II	1.4
52	1997-04-15	09:29:44	1997-04-15	13:29:44	-	-	-	-	394751	39.797500	753322	-75.556111	39.797500	-75.556111	Wilmington		III-IV	1.6
53	1998-03-15	14:25:52	1998-03-15	19:25:52	394416	39.737778	753223	-75.539722	394508	39.752222	753246	-75.546111	39.737778	-75.539722	Wilmington		III	1.8
54	1998-03-19	00:37:26	1998-03-19	05:37:26	394411	39.733444	753214	-75.537222	394506	39.751667	754240	-75.711111	39.733444	-75.537222	Wilmington		III	1.7
55	1998-03-19	01:27:55	1998-03-19	06:27:55	394404	39.733500	753214	-75.537222	394506	39.751667	754240	-75.711111	39.733500	-75.537222	Wilmington		I-II	0.1
56	1998-10-27	01:41:17	1998-10-27	06:41:17	394718	39.788333	753515	-75.587500	-	-	-	-	-	-	Near Montchanin		II	1.5
57	2003-08-13	17:46:30	2003-08-13	21:46:30	394200	39.700000	754124	-75.690000	-	-	-	-	39.700000	-75.690000	Near Newark		II	1.7
58	2005-04-09	20:27:06	2005-04-10	00:27:06	394312	39.720000	753036	-75.510000	-	-	-	-	39.720000	-75.510000	N Wilmington	near intersection of Foulk and Naamans roads	I-II	1.2