

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
New Market	AL	34.91	86.43	1.21 ± 0.30 **	0.42	2
Augusta	AR	35.28	91.36	0.14 ± 0.29	0.50	3
Bassett	AR	35.54	90.13	-0.90 ± 0.59 *	0.83	2
Batesville	AR	35.77	93.92	0.73 ± 0.52 *	0.90	3
Beebe	AR	35.07	91.88	-0.83 ± 0.03 **	0.05	2
Bexar	AR	36.29	92.01	0.36 ± 0.03 **	0.04	2
Biggers	AR	36.33	90.81	0.44 ± 0.41 *	0.71	3
Black Oak	AR	35.84	90.37	-0.53 ± 1.60	2.27	2
Blytheville	AR	35.93	89.92	-0.39 ± 0.58	1.15	4
Bradford	AR	35.42	91.46	-0.66 ± 0.69	0.98	2
Brickeys	AR	34.86	90.59	-0.22 ± 0.26	0.37	2
Brinkley	AR	34.89	91.19	0.28 ± 0.53	0.92	3
Brookland	AR	35.90	90.58	0.39 ± 0.77	1.09	2
Burdette	AR	35.82	89.94	0.00 ± 0.92	1.30	2
Caldwell	AR	35.07	90.82	-0.17 ± 0.56	0.80	2
Cash	AR	35.80	90.93	-0.25 ± 0.15 *	0.21	2
Cave City	AR	35.94	91.55	0.17 ± 0.19	0.32	3
Chatfield	AR	35.01	90.40	-0.48 ± 0.27 *	0.38	2
Choctaw	AR	35.53	92.44	-0.47 ± 0.03 **	0.04	2
Clarendon	AR	34.69	91.31	0.09 ± 0.26	0.45	3
Clarkedale	AR	35.31	90.24	-0.34 ± 0.39	0.55	2
Clinton	AR	35.60	92.46	-0.38 ± 0.05 **	0.07	2
Concord	AR	35.66	91.85	-0.04 ± 0.09	0.13	2
Conway	AR	35.09	92.44	-1.70 ± 0.50 **	0.70	2
Cord	AR	35.81	91.34	-0.22 ± 0.26	0.37	2
Corning	AR	36.41	90.58	0.17 ± 0.22	0.49	5
Cotter	AR	36.27	92.54	0.72 ± 0.02 **	0.03	2
Cotton Plant	AR	35.00	91.25	-0.24 ± 0.52	0.91	3
Crawfordsville	AR	35.23	90.33	-0.21 ± 0.51	0.88	3
Cushman	AR	35.88	91.75	0.14 ± 0.14	0.20	2
Damascus	AR	33.26	93.00	1.65 ± 0.91 *	1.28	2
Datto	AR	36.39	90.73	0.12 ± 0.30	0.51	3
De Valls Bluff	AR	34.78	91.46	0.82 ± 0.75 *	1.06	2
De Witt	AR	34.29	91.34	0.32 ± 0.48	0.68	2
Delaplaine	AR	36.23	90.72	-0.23 ± 0.27	0.55	4
Dell	AR	35.85	90.04	-1.44 ± 0.39 **	0.55	2
Drasco	AR	35.63	91.95	-0.06 ± 0.79	1.12	2
Earle	AR	35.27	90.47	-0.45 ± 0.94	1.33	2
Edgemont	AR	35.60	92.19	-0.14 ± 0.41	0.72	3
Edmondson	AR	35.11	90.31	0.17 ± 1.09	1.54	2
Egypt	AR	35.87	90.95	0.33 ± 0.30 *	0.42	2
Etowah	AR	35.73	90.24	-0.60 ± 0.62	1.07	3
Fisher	AR	35.78	90.98	-0.68 ± 0.35 *	0.49	2
Forrest City	AR	35.01	90.78	0.46 ± 0.56	0.97	3
Gilmore	AR	35.41	90.28	-0.78 ± 0.89	1.26	2
Glencoe	AR	36.29	91.75	0.16 ± 0.03 **	0.05	2
Greenway	AR	36.34	90.22	-1.01 ± 0.60 *	0.84	2

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Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Grubbs	AR	35.65	91.07	-0.48 ± 0.47 *	0.67	2
Harrisburg	AR	35.56	90.72	-0.51 ± 0.22 **	0.39	3
Harrison	AR	36.23	93.11	0.32 ± 0.32 *	0.55	3
Haynes	AR	34.89	90.79	-0.68 ± 0.79	1.11	2
Hazen	AR	34.78	91.58	0.05 ± 0.46	0.79	3
Heber Springs	AR	35.49	92.04	-0.72 ± 0.05 **	0.07	2
Helena	AR	34.53	90.59	0.42 ± 0.23 *	0.45	4
Higden	AR	35.57	92.20	-0.08 ± 0.44	0.63	2
Hughes	AR	34.95	90.47	0.20 ± 0.36	0.73	4
Huntsville	AR	36.09	93.74	1.01 ± 0.13 **	0.18	2
Joiner	AR	35.51	90.15	-0.87 ± 0.65 *	0.93	2
Jonesboro	AR	35.85	90.70	0.10 ± 0.22	0.49	5
Keiser	AR	35.68	90.10	-0.34 ± 0.52	0.90	3
Kensett	AR	35.23	91.67	-0.23 ± 0.18 *	0.25	2
Knobel	AR	36.32	90.60	0.16 ± 0.41	0.93	5
Lake City	AR	35.82	90.43	-0.28 ± 0.43	0.60	2
Lake Village	AR	33.33	91.28	-0.23 ± 0.70	0.99	2
Leachville	AR	35.94	90.26	-0.84 ± 0.17 **	0.30	3
Lepanto	AR	35.61	90.33	-0.05 ± 0.41	0.92	5
Leslie	AR	35.83	92.56	-0.11 ± 0.24	0.33	2
Little Rock	AR	34.75	92.29	0.03 ± 0.37	0.53	2
Lonoke	AR	34.78	91.90	-0.83 ± 0.20 **	0.29	2
Luxora	AR	35.76	89.93	-0.49 ± 0.52	0.90	3
Madison	AR	35.01	90.72	-0.37 ± 1.32	1.87	2
Mammoth Spring	AR	36.49	91.54	-0.24 ± 0.30	0.52	3
Manila	AR	35.88	90.17	-0.62 ± 0.35 *	0.61	3
Marianna	AR	34.77	90.76	0.08 ± 0.13	0.27	4
Marked Tree	AR	35.53	90.42	0.00 ± 0.52	1.16	5
Marmaduke	AR	36.19	90.38	-0.02 ± 0.68	0.97	2
Marshall	AR	35.91	92.63	-0.19 ± 0.48	0.67	2
Marvell	AR	34.56	90.91	0.04 ± 0.03 *	0.04	2
Maynard	AR	36.42	90.90	0.26 ± 0.46	0.91	4
Mcrae	AR	35.11	91.82	-0.30 ± 0.44	0.62	2
Minturn	AR	35.98	91.03	0.43 ± 0.16 **	0.22	2
Morrilton	AR	35.15	92.74	-0.97 ± 0.54 *	0.76	2
Mountain View	AR	35.87	92.12	0.35 ± 0.09 **	0.18	4
Naylor	AR	35.15	92.18	-1.95 ± 1.00 *	1.41	2
Newark	AR	35.70	91.44	0.27 ± 0.38	0.65	3
Newport	AR	33.43	92.69	1.77 ± 0.18 **	0.44	6
Nimmons	AR	36.31	90.09	-0.21 ± 0.19 *	0.27	2
Okean	AR	36.17	90.82	-0.15 ± 0.51	0.72	2
Osceola	AR	35.70	89.97	-0.47 ± 0.34 *	0.59	3
Palestine	AR	34.97	90.90	0.29 ± 0.81	1.15	2
Pangburn	AR	35.43	91.84	-0.24 ± 0.71	1.01	2
Paragould	AR	36.05	90.49	0.16 ± 0.37	0.75	4
Parkin	AR	35.27	90.56	-0.15 ± 0.29	0.41	2
Peach Orchard	AR	36.28	90.66	-0.18 ± 0.25	0.56	5
Piggott	AR	36.38	90.19	0.33 ± 0.42	1.02	6

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Pocahontas	AR	36.26	90.97	-0.01 ± 0.31	0.54	3
Ravenden Springs	AR	36.32	91.23	-0.25 ± 0.09 **	0.12	2
Rector	AR	36.26	90.29	-0.32 ± 0.32	0.65	4
Reyno	AR	36.36	90.75	0.43 ± 0.44	0.99	5
Rosie	AR	35.67	91.54	-0.06 ± 0.22	0.31	2
Saint Francis	AR	36.46	90.14	-0.65 ± 0.44 *	0.62	2
Salem	AR	36.37	91.82	-0.27 ± 0.44	0.62	2
Sedgwick	AR	35.98	90.86	-0.20 ± 0.28	0.39	2
Smithville	AR	36.08	91.30	0.36 ± 0.35 *	0.60	3
Stonewall	AR	36.24	90.55	-0.82 ± 0.20 **	0.28	2
Stuttgart	AR	34.51	91.55	-0.57 ± 0.08 **	0.11	2
Success	AR	36.45	90.72	-1.14 ± 0.12 **	0.17	2
Sulphur Rock	AR	35.75	91.50	-0.56 ± 0.75	1.06	2
Swifton	AR	35.82	91.13	-0.46 ± 0.29 *	0.42	2
Trumann	AR	35.67	90.51	-0.40 ± 0.45	0.90	4
Tuckerman	AR	35.73	91.20	-0.40 ± 0.31 *	0.44	2
Tupelo	AR	35.39	91.23	-0.29 ± 1.35	1.90	2
Tyronza	AR	35.49	90.36	-0.62 ± 0.81	1.40	3
Vanndale	AR	35.31	90.77	-0.13 ± 0.58	1.01	3
Walnut Ridge	AR	36.07	90.96	0.32 ± 0.26 *	0.53	4
Ward	AR	34.67	92.30	0.21 ± 0.52	0.73	2
Weiner	AR	35.62	90.90	-0.35 ± 0.97	1.37	2
West Helena	AR	34.54	90.64	0.17 ± 0.20	0.28	2
West Memphis	AR	35.15	90.18	-0.07 ± 0.43	0.74	3
West Ridge	AR	35.68	90.26	-0.67 ± 1.18	1.67	2
Wilburn	AR	35.51	91.89	-0.68 ± 0.23 **	0.33	2
Wilson	AR	35.21	92.93	1.49 ± 0.41 **	0.71	3
Wynne	AR	35.22	90.79	-0.66 ± 0.70	1.21	3
Bethel	CT	41.41	73.41	1.18 ± 0.73 *	1.03	2
Danbury	CT	41.38	73.43	1.24 ± 0.67 *	0.95	2
Hartford	CT	41.75	72.70	1.43 ± 0.44 **	0.98	5
Melrose	CT	41.93	72.52	0.38 ± 0.09 **	0.12	2
New Hartford	CT	41.88	72.98	1.01 ± 0.36 **	0.52	2
New Haven	CT	41.30	72.92	1.25 ± 0.56 **	0.80	2
New Milford	CT	41.58	73.42	1.20 ± 0.74 *	1.04	2
Torrington	CT	41.80	73.12	0.55 ± 0.19 **	0.27	2
Winsted	CT	41.93	73.07	1.23 ± 0.57 **	1.14	4
Woodbury	CT	41.55	73.20	1.13 ± 0.74 *	1.05	2
Cleveland	GE	34.60	83.76	2.18 ± 0.04 **	0.06	2
Hiawassee	GE	34.95	83.76	0.26 ± 0.79	1.12	2
Akin	IL	37.99	88.75	-0.50 ± 1.00	1.42	2
Anna	IL	37.47	89.23	0.12 ± 0.35	0.61	3
Ashley	IL	38.33	89.19	-0.62 ± 0.73	1.04	2
Ava	IL	37.89	89.50	-0.05 ± 0.08	0.11	2
Belle Rive	IL	38.23	88.74	0.22 ± 0.68	1.17	3
Belleville	IL	38.51	89.99	0.56 ± 0.06 **	0.09	2

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Bonnie	IL	38.20	88.90	-0.69 ± 1.19	1.69	2
Brookport	IL	37.12	88.63	-0.80 ± 0.29 **	0.41	2
Broughton	IL	37.93	88.46	-1.17 ± 1.26	1.78	2
Cairo	IL	37.00	89.18	0.12 ± 0.17	0.38	5
Cambria	IL	37.78	89.12	-0.57 ± 0.03 **	0.04	2
Campbell Hill	IL	37.93	89.55	0.39 ± 0.15 **	0.21	2
Carbondale	IL	37.73	89.22	0.34 ± 0.41	0.71	3
Carriers Mills	IL	37.69	88.68	-0.71 ± 0.46 *	0.66	2
Carterville	IL	37.77	89.08	-0.60 ± 0.04 **	0.06	2
Cave In Rock	IL	37.47	88.17	-0.27 ± 1.35	1.90	2
Centralia	IL	38.58	89.13	-0.18 ± 0.96	1.36	2
Chester	IL	37.92	89.80	0.25 ± 0.29	0.41	2
Chicago	IL	41.88	87.63	2.48 ± 0.99 **	1.71	3
Cobden	IL	37.53	89.25	-0.23 ± 0.54	0.93	3
Colp	IL	37.81	89.08	-0.59 ± 0.09 **	0.13	2
Creal Springs	IL	37.62	88.84	-0.20 ± 0.29	0.41	2
Crossville	IL	38.16	88.07	-0.27 ± 0.76	1.08	2
Dahlgren	IL	38.20	88.69	-0.54 ± 0.70	1.00	2
Dale	IL	38.00	88.49	-1.15 ± 0.88 *	1.24	2
Danville	IL	40.13	87.63	0.81 ± 0.47 *	0.67	2
De Soto	IL	37.82	89.23	-0.65 ± 0.44 *	0.76	3
Des Plaines	IL	42.04	87.89	1.09 ± 0.49 **	0.69	2
Dongola	IL	37.36	89.16	-0.31 ± 0.35	0.70	4
Edwardsville	IL	38.81	89.96	0.75 ± 0.64 *	1.10	3
Elco	IL	37.30	89.27	-0.51 ± 0.04 **	0.06	2
Elizabethtown	IL	37.45	88.30	-0.85 ± 0.80 *	1.13	2
Elkville	IL	37.92	89.24	-0.13 ± 0.28	0.40	2
Emma	IL	37.97	88.12	-0.10 ± 0.63	1.09	3
Energy	IL	37.78	89.02	-0.18 ± 0.29	0.42	2
Enfield	IL	38.10	88.34	-0.26 ± 1.55	2.19	2
Eureka	IL	40.72	89.27	0.02 ± 0.73	1.03	2
Fairfield	IL	42.22	88.06	2.18 ± 0.50 **	0.71	2
Frankfort Heights	IL	37.91	88.90	0.33 ± 0.41	0.58	2
Galatia	IL	37.84	88.61	-0.22 ± 0.59	0.83	2
Gale	IL	37.25	89.45	-0.11 ± 0.45	0.63	2
Geneseo	IL	41.45	90.16	0.08 ± 1.26	1.79	2
Golconda	IL	37.36	88.49	-0.17 ± 0.33	0.46	2
Goreville	IL	37.55	88.97	0.37 ± 0.08 **	0.11	2
Grand Chain	IL	37.25	89.02	-1.08 ± 0.03 **	0.05	2
Hillsboro	IL	39.16	89.49	0.66 ± 0.43 *	0.61	2
Ina	IL	38.15	88.90	-0.75 ± 1.21	1.71	2
Jacob	IL	37.75	89.53	-0.32 ± 0.38	0.65	3
Jerseyville	IL	39.12	90.33	0.48 ± 0.47 *	0.66	2
Jonesboro	IL	37.42	89.32	-0.16 ± 0.39	0.78	4
Joppa	IL	37.20	88.84	-0.96 ± 0.18 **	0.26	2
Junction	IL	37.72	88.24	-0.07 ± 1.19	1.68	2
Karnak	IL	37.30	88.97	-0.46 ± 0.38 *	0.66	3
Lawrenceville	IL	38.73	87.68	0.53 ± 0.44 *	0.62	2

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Louisville	IL	38.77	88.50	0.12 ± 1.27	1.79	2
Macedonia	IL	38.05	88.71	-1.27 ± 1.29	1.83	2
Maeystown	IL	38.22	90.23	0.11 ± 0.04 **	0.05	2
Makanda	IL	37.62	89.21	-0.22 ± 0.65	0.92	2
Marion	IL	38.65	88.92	0.17 ± 0.63	0.90	2
Mascoutah	IL	38.47	89.78	0.72 ± 0.49 *	0.69	2
Montgomery	IL	39.26	89.42	1.20 ± 0.50 **	0.71	2
Mound City	IL	37.09	89.16	-0.26 ± 0.21 *	0.37	3
Mount Vernon	IL	38.32	88.90	-0.06 ± 0.65	0.92	2
Muddy	IL	37.76	88.52	0.14 ± 0.22	0.32	2
Murphysboro	IL	37.76	89.34	0.37 ± 0.24 *	0.54	5
New Haven	IL	37.90	88.12	-0.02 ± 0.31	0.44	2
Norris City	IL	37.98	88.33	-0.53 ± 1.74	2.45	2
Oak Lawn	IL	41.72	87.75	1.02 ± 0.37 **	0.53	2
Oblong	IL	39.00	87.91	0.18 ± 0.91	1.28	2
Olive Branch	IL	37.17	89.35	-0.82 ± 0.15 **	0.22	2
Olney	IL	38.75	88.10	0.36 ± 1.49	2.11	2
Oquawka	IL	40.93	90.95	0.53 ± 0.70	0.99	2
Oraville	IL	37.87	89.38	-0.61 ± 0.66	0.93	2
Ozark	IL	37.54	88.76	-0.11 ± 0.63	0.89	2
Pomona	IL	37.63	89.34	-0.20 ± 0.53	0.92	3
Quincy	IL	39.92	91.41	1.23 ± 0.34 **	0.48	2
Radom	IL	38.28	89.20	-0.66 ± 0.72	1.02	2
Renault	IL	38.15	90.13	0.15 ± 0.07 **	0.10	2
Ridgway	IL	37.80	88.26	0.38 ± 0.61	1.05	3
Robbs	IL	37.46	88.70	-0.78 ± 0.85	1.20	2
Rockwood	IL	37.84	89.70	-0.26 ± 0.36	0.51	2
Rosiclare	IL	37.43	88.34	-0.48 ± 0.58	1.01	3
Royalton	IL	37.88	89.11	0.62 ± 0.29 **	0.40	2
Salem	IL	38.63	88.95	0.73 ± 0.52 *	0.90	3
Shawneetown	IL	37.67	88.19	0.21 ± 0.66	1.15	3
Shelbyville	IL	39.41	88.79	0.63 ± 0.99	1.40	2
Sims	IL	38.36	88.53	-0.78 ± 1.16	1.64	2
Springerton	IL	38.18	88.35	-1.07 ± 1.41	1.99	2
Springfield	IL	39.80	89.65	0.39 ± 0.22 *	0.31	2
Stonefort	IL	37.62	88.71	-1.16 ± 0.80 *	1.13	2
Streator	IL	41.12	88.83	0.44 ± 0.55	0.77	2
Tamaroa	IL	38.14	89.23	-0.05 ± 0.39	0.55	2
Texico	IL	38.44	88.90	-0.11 ± 0.41	0.58	2
Thebes	IL	37.22	89.46	-0.36 ± 0.59	1.03	3
Ullin	IL	37.28	89.18	-0.39 ± 0.02 **	0.03	2
Unity	IL	37.15	89.27	-0.63 ± 0.03 **	0.04	2
Urbana	IL	40.11	88.21	0.22 ± 0.03 **	0.04	2
Varna	IL	41.04	89.23	0.38 ± 0.58	0.82	2
Villa Ridge	IL	37.17	89.20	0.21 ± 0.69	0.97	2
Walsh	IL	38.09	89.85	-0.48 ± 0.27 *	0.38	2
Waltonville	IL	38.21	89.04	-0.10 ± 0.56	0.79	2
Whittington	IL	38.09	88.90	-1.04 ± 0.98 *	1.39	2

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Wolf Lake	IL	37.50	89.44	-0.51 ± 0.43 *	0.75	3
Zeigler	IL	37.90	89.05	-0.56 ± 0.21 **	0.30	2
Bloomfield	IN	38.02	87.10	-0.08 ± 0.71	1.00	2
Crawfordsville	IN	40.04	86.90	0.69 ± 0.25 **	0.35	2
Crown Point	IN	41.42	87.36	0.61 ± 0.64	0.90	2
Evansville	IN	37.97	87.57	0.79 ± 0.60 *	1.03	3
Fort Branch	IN	38.25	87.58	0.79 ± 0.03 **	0.05	2
Gary	IN	41.60	87.34	0.66 ± 0.69	0.98	2
Goshen	IN	41.58	85.83	1.25 ± 0.35 **	0.50	2
Griffin	IN	38.21	87.92	-0.06 ± 0.66	0.93	2
Indianapolis	IN	39.77	86.15	1.02 ± 0.47 **	0.66	2
Jasper	IN	38.39	86.93	0.48 ± 1.04	1.47	2
Lafayette	IN	40.42	86.90	0.84 ± 0.26 **	0.37	2
Little York	IN	38.70	85.91	1.00 ± 0.76 *	1.08	2
New Albany	IN	38.29	85.81	0.99 ± 0.77 *	1.09	2
Petersburg	IN	38.49	87.28	0.96 ± 0.24 **	0.33	2
South Bend	IN	41.68	86.26	1.59 ± 0.03 **	0.06	3
Terre Haute	IN	39.47	87.40	0.92 ± 0.04 **	0.06	2
Wadesville	IN	38.10	87.79	0.51 ± 1.11	1.57	2
Burlington	IO	40.80	91.11	0.79 ± 0.39 **	0.68	3
Cedar Rapids	IO	41.98	91.67	1.04 ± 0.87 *	1.22	2
Clinton	IO	41.84	90.19	1.08 ± 0.62 *	1.08	3
Elkader	IO	42.85	91.40	1.32 ± 0.99 *	1.40	2
Farmington	IO	40.64	91.74	0.77 ± 0.33 **	0.46	2
Muscatine	IO	41.47	91.08	1.14 ± 0.41 **	0.57	2
Kansas City	KA	39.12	94.63	1.73 ± 0.56 **	0.79	2
Arlington	KY	36.79	89.01	-0.57 ± 0.11 **	0.20	3
Bandana	KY	37.14	88.95	0.38 ± 0.29 *	0.41	2
Bardwell	KY	36.87	89.01	0.11 ± 0.16	0.32	4
Barlow	KY	37.05	89.05	-0.26 ± 0.12 **	0.20	3
Benton	KY	36.86	88.35	0.08 ± 0.16	0.23	2
Boaz	KY	36.88	88.63	-0.21 ± 0.09 **	0.15	3
Burna	KY	37.25	88.37	-0.23 ± 1.06	1.50	2
Cadiz	KY	36.86	87.83	0.34 ± 0.02 **	0.04	3
Calvert City	KY	37.03	88.35	0.00 ± 0.14	0.19	2
Canton	KY	36.80	87.96	0.74 ± 0.47 *	0.66	2
Carrsville	KY	37.40	88.42	0.25 ± 0.02 **	0.03	2
Clay	KY	37.09	83.74	1.39 ± 1.03 *	1.46	2
Clinton	KY	36.76	85.14	1.65 ± 0.35 **	0.86	6
Cobb	KY	36.99	87.78	-0.10 ± 0.65	0.91	2
Corydon	KY	37.74	87.70	0.04 ± 0.47	0.66	2
Crofton	KY	37.05	87.49	0.47 ± 0.13 **	0.18	2
Cunningham	KY	36.91	88.89	-0.47 ± 0.24 *	0.34	2
Dixon	KY	37.52	87.69	-0.38 ± 0.86	1.21	2
Earlington	KY	37.27	87.51	-0.15 ± 0.71	1.00	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Elkton	KY	36.83	87.17	0.78 ± 1.07	1.51	2
Fancy Farm	KY	36.80	88.79	1.13 ± 0.63 *	0.90	2
Farmers	KY	38.14	83.55	-1.26 ± 0.00 **	0.00	2
Farmington	KY	36.67	88.53	0.84 ± 0.00 **	0.00	2
Frakes	KY	36.64	83.93	-0.01 ± 0.19	0.27	2
Frenchburg	KY	37.95	83.63	-0.43 ± 0.68	0.96	2
Fulton	KY	36.50	88.88	-0.07 ± 0.30	0.53	3
Germantown	KY	38.66	83.97	0.22 ± 0.91	1.28	2
Grand Rivers	KY	37.00	88.24	0.57 ± 0.58	0.82	2
Green Hall	KY	37.40	83.83	-0.50 ± 0.60	0.85	2
Greenup	KY	38.58	82.84	0.63 ± 0.55 *	0.78	2
Hamlin	KY	36.65	88.07	0.54 ± 0.36 *	0.62	3
Hampton	KY	37.28	88.37	-0.26 ± 0.10 **	0.14	2
Hazard	KY	37.25	83.19	0.11 ± 0.80	1.14	2
Hazel	KY	36.50	88.33	-0.05 ± 0.16	0.28	3
Henderson	KY	37.79	87.59	0.68 ± 0.02 **	0.02	2
Hickman	KY	36.57	89.19	0.13 ± 0.17	0.45	7
Hickory	KY	36.82	88.65	-0.25 ± 0.10 **	0.14	2
Hodgenville	KY	37.57	85.74	0.06 ± 0.22	0.31	2
Hopkinsville	KY	36.86	87.49	0.68 ± 0.04 **	0.06	2
Irvine	KY	37.70	83.98	0.39 ± 1.03	1.46	2
Kenton	KY	38.95	84.52	0.05 ± 0.99	1.40	2
Kevil	KY	37.08	89.00	-0.14 ± 0.08 *	0.15	3
Kirksey	KY	36.70	88.40	-0.07 ± 0.01 **	0.01	2
Kuttawa	KY	37.07	88.10	0.06 ± 1.04	1.46	2
La Center	KY	37.07	88.97	-0.67 ± 0.28 **	0.39	2
Lovelaceville	KY	36.97	88.83	-0.05 ± 0.46	0.80	3
Lynn Grove	KY	36.59	88.44	-0.07 ± 0.08	0.11	2
Lynnville	KY	36.57	88.57	0.32 ± 0.56	0.79	2
Marion	KY	37.33	88.08	0.84 ± 0.28 **	0.40	2
Mayfield	KY	36.74	88.64	-0.22 ± 0.05 **	0.07	2
Maysville	KY	38.64	83.76	0.90 ± 0.39 **	0.55	2
Melber	KY	36.95	88.73	0.13 ± 0.66	0.93	2
Milburn	KY	36.80	88.90	-0.53 ± 0.11 **	0.15	2
Murray	KY	36.61	88.30	-0.22 ± 0.26	0.37	2
Newport	KY	39.09	84.50	0.65 ± 0.43 *	0.61	2
Owensboro	KY	37.77	87.11	0.44 ± 1.22	1.72	2
Owenton	KY	38.54	84.84	0.98 ± 0.03 **	0.05	2
Owingsville	KY	38.14	83.76	-0.37 ± 0.74	1.04	2
Paducah	KY	37.08	88.60	0.19 ± 0.20	0.35	3
Pathfork	KY	36.76	83.46	-0.40 ± 0.11 **	0.16	2
Pineville	KY	36.76	83.70	0.50 ± 0.82	1.16	2
Poole	KY	37.64	87.64	0.63 ± 0.09 **	0.12	2
Revelo	KY	36.68	84.47	-0.40 ± 0.23 *	0.32	2
Salem	KY	37.26	88.25	-0.67 ± 0.62 *	0.88	2
Sandy Hook	KY	38.09	83.13	-0.22 ± 0.19 *	0.27	2
Sheridan	KY	37.35	88.20	-0.54 ± 0.89	1.25	2
Smith Mills	KY	37.80	87.76	0.98 ± 0.52 *	0.74	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Smithland	KY	37.14	88.40	-0.07 ± 0.10	0.17	3
Stanton	KY	37.85	83.86	-0.33 ± 0.70	0.99	2
Strunk	KY	36.63	84.44	-0.42 ± 0.29 *	0.41	2
Sturgis	KY	37.55	87.98	-0.16 ± 0.42	0.60	2
Tolu	KY	37.43	88.25	0.18 ± 0.17 *	0.25	2
Uniontown	KY	37.77	87.94	0.44 ± 0.25 *	0.35	2
Vanceburg	KY	38.60	83.32	0.09 ± 0.50	0.71	2
Waco	KY	37.74	84.14	0.38 ± 0.03 **	0.04	2
Washington	KY	38.61	83.81	-0.80 ± 1.00	1.41	2
Wendover	KY	37.13	83.36	-0.36 ± 0.28 *	0.40	2
West Liberty	KY	37.92	83.26	0.26 ± 0.25 *	0.35	2
Wheatcroft	KY	37.48	87.87	-0.02 ± 1.35	1.91	2
Wheelwright	KY	37.34	82.72	-0.08 ± 0.42	0.60	2
Wickliffe	KY	36.97	89.08	-0.37 ± 0.20 *	0.35	3
Wingo	KY	36.64	88.74	0.21 ± 0.49	0.69	2
Winston	KY	37.71	84.08	-0.62 ± 1.00	1.42	2
Amesbury	MA	42.85	70.93	0.71 ± 1.24	1.75	2
Amherst	MA	42.38	72.52	0.60 ± 0.25 **	0.50	4
Ashfield	MA	42.53	72.80	-0.07 ± 0.14	0.19	2
Athol	MA	42.60	72.23	0.61 ± 0.48 *	1.08	5
Ayer	MA	42.56	71.59	0.47 ± 0.17 **	0.24	2
Baldwinville	MA	42.60	72.08	-0.14 ± 0.20	0.29	2
Bernardston	MA	42.67	72.55	0.31 ± 0.51	0.72	2
Brimfield	MA	42.12	72.20	0.75 ± 0.47 *	0.66	2
Cambridge	MA	42.37	71.10	0.51 ± 0.56	0.79	2
Charlemont	MA	42.63	72.87	0.36 ± 0.33 *	0.47	2
Charlton	MA	42.13	71.97	0.26 ± 0.10 **	0.14	2
Cheshire	MA	42.56	73.16	1.29 ± 0.40 **	0.69	3
Chester	MA	42.28	72.98	0.13 ± 0.22	0.31	2
Chicopee	MA	42.15	72.60	0.21 ± 0.09 **	0.13	2
Danvers	MA	42.57	70.94	0.77 ± 0.97	1.38	2
Dedham	MA	42.25	71.17	0.59 ± 0.52 *	0.73	2
Dover	MA	42.25	71.28	0.32 ± 0.25 *	0.36	2
Dracut	MA	42.65	71.32	-0.04 ± 0.43	0.60	2
Dunstable	MA	42.67	71.48	-0.10 ± 0.40	0.57	2
East Princeton	MA	42.47	71.83	0.50 ± 0.27 *	0.38	2
Easton	MA	42.03	71.10	0.52 ± 0.22 **	0.31	2
Erving	MA	42.60	72.40	0.85 ± 0.06 **	0.09	2
Great Barrington	MA	42.19	73.36	0.47 ± 0.61	0.86	2
Greenfield	MA	42.60	72.62	0.45 ± 0.55	0.94	3
Groton	MA	42.62	71.58	-0.07 ± 0.35	0.50	2
Hatfield	MA	42.38	72.60	0.99 ± 0.02 **	0.03	2
Holliston	MA	42.22	71.42	0.30 ± 0.23 *	0.32	2
Holyoke	MA	42.20	72.60	1.26 ± 0.81 *	1.61	4
Hyannis	MA	41.65	70.27	1.64 ± 0.27 **	0.38	2
Lake Pleasant	MA	42.56	72.52	0.39 ± 0.49	0.70	2
Lawrence	MA	42.72	71.15	-0.02 ± 0.46	0.64	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Leeds	MA	42.35	72.70	0.56 ± 0.39 *	0.56	2
Leominster	MA	42.53	71.76	0.47 ± 0.22 **	0.31	2
Lowell	MA	42.63	71.32	1.36 ± 1.02 *	1.76	3
Lynn	MA	42.48	70.95	0.95 ± 1.05	1.48	2
Malden	MA	42.42	71.07	1.94 ± 0.11 **	0.15	2
Millers Falls	MA	42.57	72.48	0.37 ± 0.49	0.70	2
Montague	MA	42.53	72.53	-0.09 ± 0.02 **	0.03	2
Nantucket	MA	41.28	70.10	0.77 ± 0.15 **	0.21	2
New Bedford	MA	41.62	70.92	0.89 ± 0.23 **	0.32	2
North Adams	MA	42.70	73.11	0.15 ± 0.49	0.85	3
North Chelmsford	MA	42.63	71.38	0.88 ± 0.25 **	0.43	3
North Hatfield	MA	42.40	72.62	1.01 ± 0.08 **	0.11	2
Northampton	MA	42.32	72.63	0.08 ± 0.08 *	0.11	2
Orange	MA	42.58	72.30	-0.13 ± 0.10 *	0.14	2
Palmer	MA	42.17	72.32	0.64 ± 0.43 *	0.74	3
Pepperell	MA	42.67	71.58	-0.11 ± 0.37	0.52	2
Plymouth	MA	41.97	70.67	0.91 ± 0.07 **	0.10	2
Revere	MA	42.40	71.00	0.45 ± 0.50	0.71	2
Rowe	MA	42.68	72.90	-0.19 ± 0.19	0.27	2
Russell	MA	42.18	72.85	0.70 ± 0.33 **	0.47	2
Shelburne Falls	MA	42.61	72.74	0.93 ± 0.04 **	0.05	2
Shirley	MA	42.55	71.65	0.98 ± 0.30 **	0.42	2
Shutesbury	MA	42.45	72.42	0.47 ± 0.52	0.74	2
South Barre	MA	42.38	72.09	0.68 ± 0.25 **	0.44	3
South Hadley	MA	42.27	72.58	0.63 ± 0.42 *	0.60	2
South Hamilton	MA	42.62	70.88	0.19 ± 0.41	0.58	2
South Lee	MA	42.26	73.26	0.15 ± 0.33	0.46	2
Springfield	MA	42.12	72.58	1.34 ± 0.60 **	1.20	4
Sudbury	MA	42.38	71.42	0.17 ± 0.29	0.41	2
Taunton	MA	41.90	71.10	1.28 ± 0.86 *	1.22	2
Templeton	MA	42.55	72.07	0.41 ± 0.32 *	0.45	2
Wales	MA	42.07	72.22	0.29 ± 0.02 **	0.03	2
West Brookfield	MA	42.24	72.14	1.16 ± 0.07 **	0.10	2
West Roxbury	MA	42.33	71.08	1.05 ± 1.02 *	1.44	2
Westford	MA	42.57	71.43	0.88 ± 0.39 **	0.67	3
Whately	MA	42.43	72.63	0.50 ± 0.43 *	0.61	2
Wheelwright	MA	42.35	72.13	0.07 ± 0.10	0.15	2
Williamsburg	MA	42.38	72.73	0.53 ± 0.39 *	0.55	2
Williamstown	MA	42.71	73.20	-0.19 ± 0.33	0.47	2
Windsor	MA	42.50	73.05	-0.04 ± 0.26	0.37	2
Worcester	MA	42.27	71.80	1.15 ± 0.15 **	0.22	2
Worthington	MA	42.40	72.93	0.03 ± 0.20	0.28	2
Alfred	ME	43.48	70.72	1.43 ± 1.38 *	1.95	2
Andover	ME	44.63	70.75	-0.23 ± 0.51	0.87	3
Anson	ME	44.80	69.88	-0.23 ± 0.67	0.95	2
Auburn	ME	44.09	70.24	0.61 ± 0.59 *	1.01	3
Bangor	ME	44.78	68.78	0.46 ± 0.60	0.86	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Bethel	ME	44.40	70.78	0.09 ± 0.51	0.88	3
Brownfield	ME	43.94	70.91	-0.08 ± 0.69	0.98	2
Bryant Pond	ME	44.38	70.65	0.82 ± 0.66 *	0.93	2
Buckfield	ME	44.29	70.37	0.30 ± 0.19 *	0.34	3
Caribou	ME	46.86	68.01	0.21 ± 0.35	0.49	2
Cherryfield	ME	44.60	67.93	0.58 ± 0.20 **	0.28	2
Cornish	ME	43.80	70.80	-0.21 ± 0.34	0.58	3
Denmark	ME	43.97	70.81	-0.03 ± 0.38	0.54	2
Dixfield	ME	44.53	70.46	0.32 ± 0.28 *	0.40	2
East Peru	ME	44.49	70.38	0.11 ± 0.99	1.40	2
East Sebago	ME	43.85	70.65	-0.05 ± 0.52	0.73	2
Eastport	ME	44.92	66.98	0.17 ± 1.27	1.79	2
Farmington	ME	44.67	70.15	-0.33 ± 0.63	0.89	2
Fryeburg	ME	44.02	70.98	-0.31 ± 0.31 *	0.53	3
Gorham	ME	43.68	70.44	-0.27 ± 0.18 *	0.25	2
Greenville	ME	45.46	69.59	-0.89 ± 1.02	1.44	2
Harrison	ME	44.11	70.68	0.03 ± 0.57	0.80	2
Hiram	ME	43.88	70.81	0.11 ± 0.43	0.74	3
Jackman	ME	45.63	70.27	0.02 ± 1.54	2.18	2
Kezar Falls	ME	43.82	70.88	-0.26 ± 0.35	0.61	3
Lewiston	ME	44.10	70.21	0.46 ± 0.12 **	0.16	2
Limington	ME	43.73	70.71	0.18 ± 0.18	0.31	3
Lisbon Center	ME	44.02	70.09	-0.17 ± 0.15 *	0.21	2
Lovell	ME	44.13	70.88	-0.26 ± 0.30	0.52	3
Mexico	ME	44.57	70.55	-0.24 ± 0.80	1.13	2
Millinocket	ME	45.66	68.71	0.42 ± 0.39 *	0.55	2
Milo	ME	45.25	68.98	0.37 ± 0.76	1.07	2
Moody	ME	43.27	70.60	0.39 ± 0.17 **	0.24	2
Newry	ME	44.49	70.79	-0.06 ± 0.05 *	0.07	2
North Waterboro	ME	43.62	70.73	-0.18 ± 0.62	0.88	2
Norway	ME	44.22	70.55	0.04 ± 0.66	0.93	2
Portland	ME	43.65	70.28	0.65 ± 0.48 *	0.97	4
Raymond	ME	43.90	70.47	0.63 ± 0.07 **	0.10	2
Rumford Center	ME	44.51	70.62	0.00 ± 0.01	0.01	2
Sanford	ME	43.44	70.78	-0.39 ± 0.47	0.67	2
Scarborough	ME	43.58	70.35	0.33 ± 0.31 *	0.44	2
Skowhegan	ME	44.76	69.72	0.37 ± 0.12 **	0.17	2
South Paris	ME	44.23	70.52	0.74 ± 0.06 **	0.09	2
South Portland	ME	43.64	70.25	0.35 ± 0.63	0.89	2
Waterville	ME	44.57	69.62	0.79 ± 0.29 **	0.50	3
Weld	ME	44.70	70.42	0.44 ± 0.20 **	0.28	2
West Buxton	ME	43.67	70.60	-0.36 ± 0.26 *	0.37	2
West Poland	ME	44.04	70.45	0.14 ± 0.57	0.81	2
West Sumner	ME	44.37	70.46	0.09 ± 0.14	0.19	2
Westbrook	ME	43.68	70.37	0.39 ± 0.62	1.08	3
Wilton	ME	44.58	70.23	0.00 ± 0.48	0.84	3
Abbeville	MI	34.50	89.50	1.33 ± 0.02 **	0.03	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Batesville	MI	34.31	89.95	0.40 ± 0.09 **	0.13	2
Byhalia	MI	34.87	89.69	-0.62 ± 0.52 *	0.73	2
Cleveland	MI	33.75	90.72	0.09 ± 0.69	0.98	2
Coffeeville	MI	33.98	89.67	0.41 ± 0.28 *	0.39	2
Coldwater	MI	32.72	89.22	1.30 ± 0.31 **	0.53	3
Detroit	MI	42.33	83.05	1.82 ± 0.90 **	1.57	3
Grenada	MI	33.54	90.17	-0.34 ± 0.30 *	0.43	2
Hernando	MI	34.82	89.99	0.07 ± 0.25	0.43	3
Indianola	MI	33.45	90.65	-0.37 ± 0.40	0.57	2
Lake Cormorant	MI	34.90	90.22	0.02 ± 0.52	0.74	2
Lamar	MI	31.21	89.51	2.62 ± 0.05 **	0.07	2
Lambert	MI	34.20	90.28	-0.02 ± 0.63	0.89	2
Lansing	MI	42.73	84.55	2.02 ± 1.06 *	1.50	2
Marks	MI	34.26	90.27	0.07 ± 0.22	0.32	2
Minter City	MI	33.75	90.29	0.00 ± 0.77	1.09	2
Moorhead	MI	33.45	90.50	0.36 ± 0.66	0.94	2
Mount Clemens	MI	42.58	82.88	1.45 ± 0.43 **	0.60	2
Mount Pleasant	MI	43.60	84.77	0.67 ± 1.76	2.49	2
New Albany	MI	34.49	89.00	0.05 ± 0.46	0.65	2
Port Huron	MI	42.97	82.43	1.23 ± 1.18 *	1.66	2
Potts Camp	MI	34.65	89.31	0.28 ± 0.02 **	0.03	2
Ripley	MI	34.73	88.95	0.28 ± 0.45	0.77	3
Robinsonville	MI	34.82	90.32	-0.21 ± 0.20 *	0.28	2
Senatobia	MI	34.62	89.96	-0.15 ± 0.44	0.76	3
Shelby	MI	33.95	90.77	-0.20 ± 0.20	0.28	2
Taylor	MI	34.27	89.59	0.28 ± 0.18 *	0.26	2
Tunica	MI	34.69	90.38	0.40 ± 0.45	0.78	3
Walls	MI	34.96	90.15	-0.40 ± 0.17 **	0.23	2
Water Valley	MI	34.16	89.63	1.10 ± 0.55 *	0.78	2
Waterford	MI	34.65	89.46	0.29 ± 0.08 **	0.11	2
Advance	MO	37.10	89.92	-0.44 ± 0.07 **	0.13	3
Altenburg	MO	37.63	89.59	-0.56 ± 0.25 **	0.51	4
Alton	MO	36.69	91.40	0.66 ± 0.16 **	0.35	5
Annapolis	MO	37.36	90.70	-0.86 ± 0.36 **	0.51	2
Anniston	MO	36.83	89.33	-0.55 ± 0.21 **	0.37	3
Arab	MO	37.09	90.08	0.24 ± 0.56	1.12	4
Arbyrd	MO	36.05	90.24	0.17 ± 0.39	0.68	3
Arcadia	MO	37.59	90.63	-0.76 ± 0.51 *	1.01	4
Augusta	MO	38.57	90.88	0.71 ± 0.34 **	0.59	3
Ava	MO	36.95	92.67	0.78 ± 0.63 *	1.26	4
Bakersfield	MO	36.52	92.14	0.49 ± 0.10 **	0.14	2
Belgique	MO	37.84	89.78	-0.33 ± 0.25 *	0.43	3
Bell City	MO	37.02	89.82	-0.62 ± 0.05 **	0.09	3
Belleview	MO	37.68	90.73	-0.82 ± 0.52 *	1.04	4
Benton	MO	37.10	89.57	-0.82 ± 0.10 **	0.18	3
Bernie	MO	36.67	89.98	-1.11 ± 0.49 **	0.85	3
Bertrand	MO	36.91	89.45	-0.56 ± 0.56	0.98	3

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Beulah	MO	37.63	91.92	-0.31 ± 0.79	1.12	2
Birch Tree	MO	36.99	91.49	-0.26 ± 0.17 *	0.23	2
Black	MO	37.53	90.93	0.20 ± 0.84	1.19	2
Bloomfield	MO	36.88	89.93	-0.39 ± 0.36 *	0.72	4
Bloomsdale	MO	38.02	90.22	-0.63 ± 0.49 *	0.69	2
Bonne Terre	MO	37.92	90.56	0.13 ± 0.36	0.63	3
Bowling Green	MO	39.34	91.20	0.32 ± 0.23 *	0.33	2
Bragg City	MO	36.27	89.91	-0.89 ± 0.55 *	0.77	2
Braggadocio	MO	36.18	89.83	-0.21 ± 0.18 *	0.32	3
Brandsville	MO	36.65	91.70	0.59 ± 0.42 *	0.73	3
Brazeau	MO	37.66	89.65	-0.16 ± 0.10 *	0.14	2
Broseley	MO	36.67	90.25	-0.13 ± 0.29	0.71	6
Brownwood	MO	37.08	89.96	-0.48 ± 0.98	1.39	2
Burfordville	MO	37.37	89.80	-0.66 ± 0.04 **	0.05	2
Caledonia	MO	37.76	90.77	-1.08 ± 1.05 *	1.48	2
Campbell	MO	36.49	90.08	-0.22 ± 0.19 *	0.46	6
Canalou	MO	36.75	89.69	-0.73 ± 0.47 *	0.93	4
Cape Girardeau	MO	37.37	89.65	-0.25 ± 0.24 *	0.59	6
Caruthersville	MO	36.19	89.65	-0.87 ± 0.20 **	0.45	5
Catron	MO	36.61	89.71	-0.76 ± 0.68 *	1.17	3
Centerville	MO	37.43	90.96	-1.83 ± 2.00	2.83	2
Chaffee	MO	37.18	89.67	-0.50 ± 0.30 *	0.52	3
Charleston	MO	36.92	89.35	0.16 ± 0.22	0.44	4
Clarkton	MO	36.45	89.97	-0.81 ± 0.34 **	0.75	5
Commerce	MO	37.16	89.45	-0.40 ± 0.41	0.82	4
Conran	MO	36.48	89.64	0.46 ± 0.11 **	0.25	5
Conway	MO	37.50	92.82	0.70 ± 0.26 **	0.37	2
Cooter	MO	36.05	89.81	-0.94 ± 0.42 **	0.73	3
Crystal City	MO	38.18	90.37	0.31 ± 0.29 *	0.58	4
Cuba	MO	38.06	91.40	-0.13 ± 0.57	0.99	3
De Soto	MO	38.13	90.56	0.99 ± 0.16 **	0.23	2
Deering	MO	36.19	89.89	-0.65 ± 0.23 **	0.32	2
Delta	MO	37.20	89.74	-1.64 ± 0.70 **	0.99	2
Des Arc	MO	37.28	90.64	-0.78 ± 0.42 *	0.60	2
Desloge	MO	37.88	90.53	-0.31 ± 0.23 *	0.32	2
Dexter	MO	36.79	89.96	-0.30 ± 0.19 *	0.50	7
Doniphan	MO	36.65	90.85	0.53 ± 0.54	0.77	2
Dudley	MO	36.79	90.09	-0.59 ± 0.78	1.10	2
Dutchtown	MO	37.25	89.65	-1.05 ± 0.27 **	0.46	3
East Prairie	MO	36.78	89.39	-0.24 ± 0.43	0.87	4
Ellington	MO	37.24	90.97	0.22 ± 0.34	0.59	3
Elsberry	MO	39.17	90.78	1.20 ± 0.07 **	0.10	2
Eminence	MO	37.15	91.37	0.01 ± 0.35	0.49	2
Essex	MO	36.81	89.86	-1.13 ± 0.42 **	0.73	3
Fairdealing	MO	36.67	90.62	0.20 ± 0.29	0.51	3
Farmington	MO	37.78	90.42	0.24 ± 0.43	0.96	5
Farrar	MO	37.70	89.69	-0.48 ± 0.39 *	0.55	2
Festus	MO	38.22	90.39	0.55 ± 0.20 **	0.41	4

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Fisk	MO	36.78	90.20	-0.73 ± 0.51 *	1.03	4
Florissant	MO	38.79	90.33	-0.25 ± 0.10 **	0.15	2
Fredericktown	MO	37.56	90.29	-0.45 ± 0.05 **	0.10	4
Friedheim	MO	37.57	89.82	-0.66 ± 0.29 **	0.42	2
Frohna	MO	37.64	89.62	-0.60 ± 0.30 **	0.51	3
Fruitland	MO	37.39	93.23	0.61 ± 0.56 *	0.79	2
Gainesville	MO	36.60	92.43	0.14 ± 0.25	0.43	3
Gibson	MO	36.44	90.03	-0.76 ± 0.56 *	0.80	2
Gideon	MO	36.55	89.92	-0.67 ± 0.24 **	0.53	5
Gipsy	MO	37.15	90.18	-0.29 ± 0.83	1.17	2
Glenallen	MO	37.32	90.03	-0.52 ± 0.30 *	0.43	2
Gordonville	MO	37.31	89.68	-1.10 ± 0.96 *	1.35	2
Grandin	MO	36.83	90.83	-0.56 ± 0.26 **	0.46	3
Gray Summit	MO	38.49	90.82	-0.09 ± 0.71	1.00	2
Grayridge	MO	36.82	89.78	-0.30 ± 0.32	0.63	4
Greenville	MO	37.13	90.45	-0.26 ± 0.30	0.61	4
Harviell	MO	36.67	90.47	-0.46 ± 0.39 *	0.87	5
Hayti	MO	36.23	89.75	-0.41 ± 0.26 *	0.52	4
Hendrickson	MO	36.90	90.47	0.16 ± 0.10 *	0.15	2
Holcomb	MO	36.40	90.03	-0.82 ± 0.55 *	0.96	3
Holland	MO	36.06	89.87	-0.97 ± 0.30 **	0.61	4
Hornersville	MO	36.04	90.11	-0.47 ± 0.22 **	0.43	4
Hunter	MO	36.89	90.85	0.02 ± 0.79	1.37	3
Illmo	MO	37.22	89.51	0.51 ± 0.30 *	0.60	4
Iron Mountain	MO	37.70	90.64	-0.53 ± 0.38 *	0.53	2
Ironton	MO	37.60	90.63	-0.53 ± 0.36 *	0.62	3
Jackson	MO	37.38	89.67	-0.90 ± 0.47 *	0.82	3
Kennett	MO	36.25	90.07	-0.24 ± 0.11 **	0.25	5
Kewanee	MO	36.67	89.57	-0.44 ± 0.40 *	0.90	5
Knob Lick	MO	37.68	90.37	-0.78 ± 0.38 **	0.54	2
Leopold	MO	37.26	89.92	-1.15 ± 0.18 **	0.32	3
Lilbourn	MO	36.59	89.61	0.29 ± 0.44	0.99	5
Lodi	MO	37.26	90.45	-0.90 ± 0.52 *	0.74	2
Malden	MO	36.56	89.97	-0.36 ± 0.23 *	0.52	5
Marble Hill	MO	37.30	89.97	-0.73 ± 0.15 **	0.31	4
Marquand	MO	37.43	90.17	-0.75 ± 0.12 **	0.17	2
Marston	MO	36.52	89.61	-0.11 ± 0.55	1.09	4
Matthews	MO	36.77	89.58	-0.01 ± 0.44	0.76	3
Mill Spring	MO	37.06	90.68	-0.63 ± 1.07	1.51	2
Millersville	MO	37.43	89.80	-0.99 ± 0.24 **	0.42	3
Montier	MO	36.98	91.57	-0.32 ± 0.91	1.29	2
Morehouse	MO	36.85	89.69	-1.01 ± 0.38 **	0.54	2
Morley	MO	37.05	89.62	-0.77 ± 0.46 *	0.80	3
Mountain View	MO	36.00	91.70	1.52 ± 0.43 **	0.74	3
Naylor	MO	36.58	90.60	-0.40 ± 0.21 *	0.51	6
Neelyville	MO	36.56	90.51	-0.80 ± 0.66 *	0.93	2
New Haven	MO	38.61	91.21	0.54 ± 0.17 **	0.24	2
New London	MO	39.59	91.40	0.53 ± 0.22 **	0.31	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
New Madrid	MO	36.57	89.53	-0.74 ± 0.16 **	0.32	4
Old Appleton	MO	37.60	89.71	-0.65 ± 0.47 *	0.67	2
Oran	MO	37.08	89.66	-0.84 ± 0.42 **	0.93	5
Oxly	MO	36.60	90.69	-0.38 ± 0.28 *	0.49	3
Painton	MO	37.08	89.80	-0.94 ± 0.49 *	0.84	3
Parma	MO	36.61	89.82	-0.92 ± 0.41 **	1.00	6
Pascola	MO	36.27	89.83	-0.50 ± 0.31 *	0.54	3
Patterson	MO	37.19	90.55	-0.33 ± 0.29 *	0.66	5
Patton	MO	37.50	90.01	-0.39 ± 0.62	0.88	2
Perkins	MO	38.90	90.37	0.11 ± 0.90	1.55	3
Perryville	MO	37.72	89.87	-0.86 ± 0.10 **	0.14	2
Piedmont	MO	37.15	90.70	-0.31 ± 0.30 *	0.60	4
Pocahontas	MO	37.50	89.63	-0.31 ± 0.11 **	0.18	3
Pomona	MO	36.87	91.91	-0.08 ± 0.75	1.06	2
Poplar Bluff	MO	36.76	90.40	0.28 ± 0.35	0.92	7
Portageville	MO	36.43	89.70	-0.46 ± 0.48	0.95	4
Potosi	MO	37.89	90.79	-0.17 ± 0.16 *	0.22	2
Puxico	MO	36.95	90.16	0.72 ± 0.28 **	0.56	4
Qulin	MO	36.60	90.25	0.18 ± 0.25	0.35	2
Reynolds	MO	37.33	91.03	-0.31 ± 0.44	0.62	2
Risco	MO	36.55	89.82	-1.08 ± 0.47 **	1.05	5
Rives	MO	36.10	90.02	-0.29 ± 0.36	0.51	2
Saint Clair	MO	38.03	93.78	1.80 ± 0.20 **	0.28	2
Saint Marys	MO	37.88	89.95	-0.56 ± 0.11 **	0.15	2
Sainte Genevieve	MO	37.90	90.20	-0.36 ± 0.09 **	0.13	2
Salem	MO	37.65	91.54	0.33 ± 0.94	1.33	2
Scott City	MO	37.22	89.55	-0.53 ± 0.62	0.87	2
Seaton	MO	37.81	91.61	-0.48 ± 0.89	1.26	2
Sedgewickville	MO	37.52	89.91	-0.80 ± 0.16 **	0.33	4
Senath	MO	36.13	90.16	-0.44 ± 0.12 **	0.24	4
Sikeston	MO	36.88	89.59	0.08 ± 0.39	0.96	6
Silva	MO	37.18	90.47	0.14 ± 0.62	1.08	3
St Louis	MO	38.65	90.25	1.16 ± 0.28 **	0.55	4
Steele	MO	36.12	89.83	-1.12 ± 0.30 **	0.52	3
Sturdivant	MO	37.05	90.01	-0.54 ± 0.39 *	0.77	4
Sturgeon	MO	39.23	92.28	0.87 ± 0.63 *	0.90	2
Tallapoosa	MO	36.51	89.82	-0.31 ± 0.31 *	0.54	3
Thayer	MO	36.52	91.54	-0.04 ± 0.34	0.60	3
Thomasville	MO	36.79	91.53	0.54 ± 0.00 **	0.01	2
Troy	MO	38.98	90.98	0.53 ± 0.78	1.10	2
Van Buren	MO	37.00	91.01	-0.12 ± 0.25	0.43	3
Vanduser	MO	36.98	89.68	0.06 ± 0.20	0.39	4
Versailles	MO	38.43	92.84	1.16 ± 1.15 *	1.63	2
Vulcan	MO	37.32	90.67	0.60 ± 0.10 **	0.15	2
Wardell	MO	36.35	89.82	-1.03 ± 0.31 **	0.62	4
Washington	MO	38.56	91.01	0.82 ± 0.30 **	0.61	4
Weingarten	MO	37.89	90.21	-0.43 ± 0.01 **	0.02	2
West Plains	MO	36.73	91.85	0.52 ± 0.20 **	0.34	3

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Whiteoak	MO	36.33	90.03	-0.26 ± 0.89	1.25	2
Williamsville	MO	36.97	90.55	-0.32 ± 0.24 *	0.41	3
Wittenberg	MO	37.65	89.52	-0.37 ± 0.32 *	0.56	3
Wolf Island	MO	36.74	89.21	-0.71 ± 0.11 **	0.19	3
Wyatt	MO	36.92	89.22	-0.49 ± 0.26 *	0.37	2
Zalma	MO	37.14	90.08	-0.59 ± 0.40 *	0.80	4
Bathurst	N.B.	47.63	65.63	-0.67 ± 0.85	1.20	2
Edmundston	N.B.	47.37	68.33	-0.52 ± 0.53	0.74	2
Moncton	N.B.	46.10	64.78	-1.09 ± 0.22 **	0.32	2
Amherst	N.S.	45.83	64.20	-0.56 ± 0.01 **	0.01	2
New Glasgow	N.S.	45.58	62.65	-0.56 ± 0.61	0.86	2
Asheville	NC	35.60	82.55	0.53 ± 0.28 *	0.40	2
Bryson City	NC	35.43	83.44	-0.10 ± 0.90	1.27	2
Fletcher	NC	35.43	82.50	0.11 ± 0.23	0.32	2
Franklin	NC	35.18	83.38	0.66 ± 0.31 **	0.44	2
Morganton	NC	35.75	81.69	0.41 ± 0.55	0.78	2
Murphy	NC	35.09	84.03	0.63 ± 0.38 *	0.54	2
Robbinsville	NC	35.32	83.81	0.38 ± 0.48	0.68	2
Rutherfordton	NC	35.37	81.96	0.77 ± 0.46 *	0.64	2
Statesville	NC	35.79	80.89	0.46 ± 0.75	1.06	2
Sylva	NC	35.37	83.22	-0.04 ± 0.68	0.96	2
Waynesville	NC	35.49	82.99	-0.05 ± 0.54	0.76	2
Acworth	NH	43.22	72.29	-0.29 ± 0.69	0.97	2
Alstead	NH	43.15	72.37	-0.60 ± 0.23 **	0.32	2
Alton	NH	43.45	71.22	-0.12 ± 0.80	1.38	3
Alton Bay	NH	43.47	71.23	-0.48 ± 0.61	1.05	3
Andover	NH	43.44	71.82	-0.72 ± 0.58 *	0.82	2
Ashland	NH	43.69	71.63	-0.12 ± 0.04 **	0.06	2
Bartlett	NH	44.08	71.28	-0.43 ± 0.29 *	0.50	3
Bath	NH	44.17	71.97	-0.16 ± 0.44	0.75	3
Bennington	NH	43.00	71.93	-0.53 ± 0.47 *	0.66	2
Berlin	NH	44.45	71.18	0.23 ± 0.51	1.01	4
Bethlehem	NH	44.28	71.68	-0.46 ± 0.18 **	0.31	3
Bristol	NH	43.59	71.74	0.09 ± 0.48	0.82	3
Canterbury	NH	43.33	71.57	-1.07 ± 1.10	1.56	2
Center Barnstead	NH	43.35	71.27	-0.41 ± 0.59	1.02	3
Center Conway	NH	44.00	71.06	-0.10 ± 0.34	0.49	2
Chesterfield	NH	42.88	72.47	0.12 ± 0.59	0.83	2
Claremont	NH	43.37	72.34	0.34 ± 0.62	1.25	4
Colebrook	NH	44.90	71.50	0.10 ± 0.38	0.76	4
Concord	NH	43.21	71.54	-0.79 ± 0.83	1.18	2
Contoocook	NH	43.22	71.72	-0.84 ± 0.82 *	1.16	2
Conway	NH	43.98	71.12	-0.48 ± 0.43 *	0.61	2
Cornish Flat	NH	43.50	72.28	-0.15 ± 0.70	1.21	3
Danbury	NH	43.53	71.86	-0.11 ± 0.09 *	0.16	3

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Dover	NH	43.20	70.87	0.29 ± 0.06 **	0.11	4
Drewsville	NH	43.13	72.40	0.11 ± 0.69	1.20	3
Dublin	NH	42.91	72.06	0.07 ± 0.16	0.23	2
East Andover	NH	43.46	71.75	-0.91 ± 0.80 *	1.14	2
East Hebron	NH	43.69	71.77	-1.05 ± 0.97 *	1.38	2
East Sullivan	NH	42.99	72.20	-0.50 ± 0.29 *	0.41	2
East Swanzey	NH	42.85	72.25	0.14 ± 0.29	0.42	2
Elkins	NH	43.42	71.93	-0.55 ± 0.34 *	0.48	2
Enfield	NH	43.64	72.15	-0.15 ± 0.20	0.28	2
Etna	NH	43.70	72.22	-0.21 ± 0.14 *	0.25	3
Exeter	NH	42.98	70.93	0.65 ± 0.28 **	0.40	2
Franconia	NH	44.23	71.75	0.13 ± 0.29	0.41	2
Franklin	NH	43.43	71.63	-0.31 ± 0.89	1.53	3
Freedom	NH	43.82	71.03	-0.40 ± 0.66	0.94	2
Georges Mills	NH	43.43	72.07	-0.55 ± 0.52 *	0.90	3
Gilmanon Iron Works	NH	43.42	71.30	0.15 ± 0.95	1.35	2
Gilsum	NH	43.05	72.26	0.85 ± 0.66 *	0.94	2
Glencliff	NH	43.98	71.90	-0.69 ± 0.40 *	0.56	2
Goffstown	NH	43.03	71.60	-0.51 ± 0.62	0.87	2
Gorham	NH	44.39	71.17	-0.05 ± 0.13	0.26	4
Goshen	NH	43.28	72.13	-0.78 ± 0.49 *	0.69	2
Grafton	NH	43.97	71.84	-0.23 ± 0.08 **	0.11	2
Groveton	NH	44.60	71.52	0.10 ± 0.51	1.01	4
Hanover	NH	43.70	72.29	-0.52 ± 0.18 **	0.40	5
Haverhill	NH	44.03	72.07	0.15 ± 0.52	0.90	3
Henniker	NH	43.18	71.82	-0.77 ± 0.70 *	0.99	2
Hill	NH	43.53	71.71	-1.13 ± 1.04 *	1.47	2
Hillsboro	NH	43.12	71.89	-0.18 ± 0.09 **	0.12	2
Hinsdale	NH	42.79	72.49	0.70 ± 0.06 **	0.08	2
Hooksett	NH	43.10	71.46	0.04 ± 0.32	0.45	2
Hudson	NH	42.73	71.43	-0.17 ± 0.47	0.67	2
Intervale	NH	44.08	71.13	-0.29 ± 0.49	0.70	2
Jackson	NH	44.15	71.18	-0.38 ± 0.28 *	0.48	3
Jaffrey	NH	42.81	72.02	0.16 ± 0.20	0.28	2
Jefferson	NH	44.42	71.47	-0.64 ± 0.23 **	0.33	2
Kearsarge	NH	44.07	71.12	-0.29 ± 0.49	0.70	2
Keene	NH	42.93	72.28	0.36 ± 0.36	0.73	4
Laconia	NH	43.53	71.47	0.12 ± 0.34	0.68	4
Lakeport	NH	43.55	71.46	-0.21 ± 1.26	1.79	2
Lancaster	NH	44.49	71.57	0.26 ± 0.40	0.69	3
Lincoln	NH	44.05	71.67	-0.19 ± 0.46	0.80	3
Lisbon	NH	44.22	71.92	-0.48 ± 0.12 **	0.21	3
Littleton	NH	44.30	71.77	-0.46 ± 0.11 **	0.22	4
Lyme	NH	43.81	72.16	-0.22 ± 0.60	1.05	3
Lyme Center	NH	43.80	72.13	-0.56 ± 0.33 *	0.57	3
Madison	NH	43.90	71.15	0.30 ± 0.36	0.51	2
Manchester	NH	42.97	71.47	-0.22 ± 0.41	0.70	3
Meadows	NH	44.37	71.47	-0.64 ± 0.17 **	0.24	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Melvin Village	NH	43.69	71.31	-0.23 ± 0.23	0.40	3
Meriden	NH	43.54	72.25	-0.53 ± 0.69	0.97	2
Milan	NH	44.57	71.18	0.55 ± 0.68	0.97	2
Milford	NH	42.83	71.65	0.33 ± 0.13 **	0.22	3
Monroe	NH	44.26	72.04	-0.13 ± 0.29	0.50	3
Moultonboro	NH	43.75	71.40	-0.81 ± 0.87	1.22	2
Mount Sunapee	NH	43.35	72.07	-0.86 ± 0.58 *	0.82	2
Nashua	NH	42.77	71.47	0.85 ± 0.81 *	1.61	4
New Boston	NH	42.98	71.70	0.51 ± 0.56	0.79	2
New Durham	NH	43.43	71.17	-0.07 ± 0.22	0.38	3
New Ipswich	NH	42.75	71.85	0.74 ± 0.36 **	0.50	2
Newport	NH	43.37	72.17	-0.13 ± 0.20	0.34	3
Newton	NH	42.87	71.03	-0.08 ± 0.53	0.75	2
North Conway	NH	44.07	71.12	-0.15 ± 0.35	0.50	2
North Haverhill	NH	44.08	72.03	-0.17 ± 0.43	0.75	3
North Salem	NH	42.83	71.22	0.35 ± 0.01 **	0.02	2
North Stratford	NH	44.75	71.63	0.71 ± 0.68 *	1.37	4
North Sutton	NH	43.36	71.94	-0.76 ± 0.99	1.40	2
Orford	NH	43.91	72.14	0.13 ± 0.37	0.64	3
Ossipee	NH	43.68	71.12	-0.55 ± 0.77	1.09	2
Peterborough	NH	42.88	71.95	0.10 ± 0.88	1.24	2
Piermont	NH	43.97	72.08	-0.53 ± 0.23 **	0.39	3
Pike	NH	44.03	71.97	-0.18 ± 0.47	0.82	3
Pittsburg	NH	45.05	71.39	-0.31 ± 0.58	0.83	2
Pittsfield	NH	43.31	71.33	-0.43 ± 0.61	1.06	3
Plainfield	NH	43.53	72.36	-0.16 ± 0.35	0.50	2
Plymouth	NH	43.75	71.72	-0.18 ± 0.03 **	0.06	3
Raymond	NH	43.03	71.18	-0.32 ± 0.64	0.91	2
Rumney	NH	43.80	71.82	-0.39 ± 0.19 **	0.26	2
Rye	NH	43.01	70.77	0.43 ± 0.99	1.41	2
Salem	NH	42.79	71.20	0.49 ± 0.09 **	0.12	2
Salisbury	NH	43.38	71.72	-1.22 ± 1.15 *	1.62	2
Sanbornton	NH	43.49	71.59	-1.31 ± 1.37	1.94	2
South Lyndeboro	NH	42.88	71.78	-0.38 ± 0.45	0.64	2
Spofford	NH	42.91	72.42	0.12 ± 0.36	0.51	2
Sunapee	NH	43.39	72.09	-0.38 ± 0.09 **	0.13	2
Tamworth	NH	43.87	71.27	-0.47 ± 0.41 *	0.70	3
Tilton	NH	43.44	71.59	-0.63 ± 0.67	1.17	3
Troy	NH	42.82	72.18	-0.01 ± 0.36	0.62	3
Twin Mountain	NH	44.27	71.55	-0.11 ± 0.54	0.94	3
Walpole	NH	43.08	72.43	0.87 ± 0.43 **	0.95	5
Warner	NH	43.28	71.82	-0.53 ± 0.62	1.08	3
Warren	NH	43.92	71.90	0.09 ± 0.33	0.58	3
Washington	NH	43.18	72.10	0.30 ± 0.47	0.67	2
West Lebanon	NH	43.65	72.31	0.28 ± 0.81	1.14	2
West Ossipee	NH	43.82	71.20	-0.45 ± 0.42 *	0.73	3
West Springfield	NH	43.50	72.05	-0.25 ± 1.38	1.95	2
West Stewartstown	NH	44.99	71.53	-0.24 ± 0.41	0.57	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Westmoreland	NH	42.96	72.44	0.06 ± 0.39	0.55	2
Whitefield	NH	44.38	71.62	0.26 ± 0.39	0.67	3
Wilmot Flat	NH	43.42	71.90	-0.40 ± 0.57	0.81	2
Windham	NH	42.80	71.30	-0.15 ± 0.49	0.70	2
Wolfeboro	NH	43.58	71.23	0.17 ± 1.05	1.81	3
Wonalancet	NH	43.91	71.35	-0.78 ± 0.44 *	0.63	2
Woodstock	NH	43.98	71.68	-0.25 ± 0.07 **	0.10	2
Woodsville	NH	44.13	72.03	0.93 ± 0.79 *	1.57	4
Englewood	NJ	40.90	73.97	0.95 ± 0.18 **	0.25	2
Trenton	NJ	40.22	74.76	1.38 ± 0.18 **	0.25	2
Akron	NY	43.03	78.50	-0.35 ± 1.24	1.76	2
Alabama	NY	43.10	78.38	-0.10 ± 0.91	1.29	2
Albany	NY	42.65	73.76	1.08 ± 0.29 **	0.72	6
Alden	NY	42.90	78.50	-0.64 ± 1.56	2.20	2
Alfred	NY	42.26	77.78	0.50 ± 0.28 *	0.40	2
Altona	NY	44.89	73.66	-0.12 ± 0.85	1.20	2
Amsterdam	NY	42.94	74.19	-0.79 ± 0.21 **	0.30	2
Arcade	NY	42.53	78.41	-0.12 ± 0.70	0.99	2
Argyle	NY	43.23	73.50	-0.01 ± 0.15	0.21	2
Attica	NY	42.86	78.26	0.35 ± 0.65	1.12	3
Au Sable Forks	NY	44.44	73.68	0.40 ± 0.59	1.02	3
Auburn	NY	42.93	76.57	0.19 ± 0.26	0.45	3
Bakers Mills	NY	43.60	74.02	-0.84 ± 1.33	1.89	2
Baldwinsville	NY	43.16	76.33	0.71 ± 0.22 **	0.31	2
Ballston Lake	NY	42.91	73.87	0.04 ± 0.96	1.36	2
Batavia	NY	42.00	78.18	0.71 ± 1.16	2.01	3
Bath	NY	42.33	77.32	0.38 ± 0.90	1.27	2
Belfast	NY	42.34	78.11	-0.23 ± 0.86	1.21	2
Belmont	NY	40.73	73.35	0.05 ± 0.92	1.30	2
Berlin	NY	42.70	73.38	0.36 ± 0.07 **	0.11	2
Binghamton	NY	42.10	75.91	0.69 ± 0.22 **	0.43	4
Bloomingdale	NY	44.42	74.08	-0.21 ± 0.63	0.89	2
Bolton Landing	NY	43.55	73.65	-0.71 ± 0.94	1.34	2
Boonville	NY	43.47	75.33	-0.59 ± 0.45 *	0.63	2
Brainardsville	NY	44.86	74.03	-0.41 ± 0.68	0.96	2
Brant Lake	NY	43.68	73.75	-0.32 ± 0.63	0.89	2
Broadalbin	NY	43.07	74.22	0.42 ± 0.62	0.87	2
Brockport	NY	43.21	77.93	-0.09 ± 0.55	1.11	4
Buffalo	NY	42.89	78.88	0.20 ± 0.66	1.31	4
Canastota	NY	43.08	75.75	-0.05 ± 0.53	0.75	2
Canton	NY	44.59	75.17	-0.29 ± 0.65	1.12	3
Cape Vincent	NY	44.13	76.33	0.19 ± 0.35	0.50	2
Caroga Lake	NY	43.13	74.48	0.27 ± 0.53	0.75	2
Carthage	NY	43.98	75.61	-0.24 ± 0.80	1.14	2
Castile	NY	42.63	78.05	-0.30 ± 0.56	0.98	3
Cato	NY	43.17	76.57	-0.10 ± 0.03 **	0.05	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Cattaraugus	NY	42.28	78.87	0.63 ± 0.46 *	0.81	3
Central Bridge	NY	42.70	74.33	0.04 ± 0.79	1.12	2
Central Square	NY	43.29	76.15	0.62 ± 1.05	1.49	2
Chateaugay	NY	44.93	74.08	-0.30 ± 0.26 *	0.37	2
Chatham	NY	42.36	73.60	0.30 ± 0.63	0.89	2
Chestertown	NY	43.65	73.80	-0.81 ± 1.16	1.64	2
Childwold	NY	44.23	74.60	-0.20 ± 0.93	1.32	2
Churubusco	NY	44.96	73.93	-0.39 ± 0.58	0.82	2
Cincinnatus	NY	42.54	75.90	0.13 ± 0.28	0.40	2
Clayton	NY	44.24	76.08	0.00 ± 0.61	0.87	2
Clemons	NY	43.64	73.45	-0.32 ± 0.61	1.06	3
Cleverdale	NY	43.47	73.65	-0.16 ± 0.39	0.55	2
Clifton Park	NY	42.86	73.77	-0.20 ± 0.65	0.92	2
Clinton	NY	43.07	75.38	0.76 ± 0.55 *	0.78	2
Cobleskill	NY	42.68	74.48	-0.55 ± 0.15 **	0.21	2
Cold Brook	NY	43.25	75.05	0.48 ± 0.63	0.90	2
Colton	NY	44.55	74.93	-0.25 ± 0.81	1.39	3
Cortland	NY	42.60	76.18	0.87 ± 0.07 **	0.09	2
Cossayuna	NY	43.18	73.42	-0.47 ± 0.58	0.83	2
Crown Point	NY	43.95	73.42	-0.24 ± 0.38	0.54	2
Cuba	NY	42.21	78.26	-0.17 ± 0.75	1.06	2
Dale	NY	42.82	78.17	0.74 ± 0.04 **	0.06	2
Dannemora	NY	44.72	73.73	-0.10 ± 0.35	0.70	4
Dansville	NY	42.63	77.70	-0.08 ± 0.53	0.92	3
Delmar	NY	42.62	73.83	0.77 ± 0.38 **	0.53	2
Deposit	NY	42.06	75.42	0.94 ± 0.14 **	0.20	2
Diamond Point	NY	43.47	73.68	0.33 ± 0.92	1.31	2
Dolgeville	NY	43.10	74.77	0.69 ± 0.41 *	0.72	3
Dundee	NY	42.53	76.98	0.00 ± 0.34	0.48	2
East Aurora	NY	42.75	78.60	0.78 ± 0.22 **	0.31	2
East Chatham	NY	42.42	73.53	0.58 ± 0.06 **	0.09	2
East Greenwich	NY	43.15	73.40	0.86 ± 0.87	1.23	2
East Nassau	NY	42.51	73.51	0.35 ± 0.77	1.09	2
Elizabethtown	NY	44.22	73.60	-0.16 ± 0.64	1.27	4
Ellenburg	NY	44.90	73.85	-0.23 ± 1.97	2.79	2
Ellenville	NY	41.72	74.40	1.70 ± 0.53 **	0.75	2
Elma	NY	42.85	78.63	-0.19 ± 1.17	1.66	2
Elmira	NY	42.09	76.81	0.59 ± 0.37 *	0.65	3
Elnora	NY	42.88	73.82	-0.22 ± 0.69	0.98	2
Fillmore	NY	42.47	78.11	-0.51 ± 0.83	1.17	2
Fonda	NY	42.95	74.40	0.56 ± 0.58	0.82	2
Forestport	NY	43.45	75.20	0.48 ± 0.71	1.01	2
Fort Ann	NY	43.40	73.48	-0.12 ± 1.23	1.74	2
Fort Covington	NY	44.99	74.50	0.49 ± 1.11	1.57	2
Fort Edward	NY	43.27	73.58	-0.49 ± 0.76	1.07	2
Fort Hunter	NY	42.74	73.93	0.78 ± 0.81	1.15	2
Fulton	NY	43.33	76.40	-0.27 ± 0.20 *	0.34	3
Gansevoort	NY	43.18	73.65	0.54 ± 0.74	1.05	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Geneva	NY	42.88	76.98	0.03 ± 0.16	0.23	2
Glens Falls	NY	43.31	73.65	1.01 ± 0.38 **	0.86	5
Gloversville	NY	43.05	74.35	0.89 ± 0.56 *	0.97	3
Gouverneur	NY	44.33	75.47	0.34 ± 0.31 *	0.54	3
Gowanda	NY	42.46	78.94	1.22 ± 0.35 **	0.49	2
Granville	NY	43.41	73.26	0.38 ± 0.55	0.78	2
Greene	NY	42.33	75.76	0.25 ± 0.30	0.42	2
Greenwich	NY	43.09	73.50	0.99 ± 0.54 *	0.93	3
Groton	NY	42.60	76.37	0.66 ± 0.29 **	0.50	3
Groveland	NY	42.70	77.75	0.19 ± 0.45	0.64	2
Guilderland	NY	42.70	73.90	-0.06 ± 0.65	0.92	2
Hadley	NY	43.32	73.85	0.46 ± 0.07 **	0.09	2
Hague	NY	43.75	73.50	0.30 ± 0.53	0.91	3
Hamilton	NY	42.83	75.55	0.02 ± 0.48	0.67	2
Hancock	NY	41.95	75.28	0.50 ± 0.41 *	0.58	2
Hartwick	NY	42.65	75.03	0.82 ± 1.39	1.96	2
Hogansburg	NY	44.97	74.67	-0.95 ± 0.04 **	0.05	2
Hoosick	NY	42.86	73.33	-0.27 ± 0.44	0.62	2
Hoosick Falls	NY	42.90	73.35	-0.33 ± 0.27 *	0.46	3
Hornell	NY	42.32	77.66	0.90 ± 0.47 *	0.94	4
Hudson	NY	42.25	73.78	0.37 ± 0.39	0.55	2
Hudson Falls	NY	43.28	73.60	-0.04 ± 0.24	0.34	2
Ilion	NY	43.02	75.07	0.62 ± 0.52 *	0.73	2
Inlet	NY	43.75	74.80	-0.01 ± 0.98	1.38	2
Ithaca	NY	42.44	76.50	0.79 ± 0.47 *	0.94	4
Jay	NY	44.37	73.73	0.41 ± 1.08	1.53	2
Johnsburg	NY	43.62	73.97	0.77 ± 1.89	2.68	2
Johnsonville	NY	42.90	73.50	-0.28 ± 0.55	0.77	2
Johnstown	NY	43.01	74.37	0.33 ± 0.74	1.27	3
Keene	NY	44.25	73.92	-0.30 ± 0.79	1.11	2
Keene Valley	NY	44.20	73.78	-0.06 ± 0.47	0.81	3
Keeseville	NY	44.50	73.48	0.39 ± 0.59	1.19	4
Kingston	NY	41.92	74.00	0.59 ± 0.42 *	0.60	2
Lake George	NY	43.42	73.71	-0.63 ± 0.92	1.29	2
Lake Hill	NY	42.07	74.20	0.70 ± 0.82	1.17	2
Lake Luzerne	NY	43.32	73.83	0.24 ± 0.37	0.64	3
Lake Placid	NY	44.29	73.99	-0.44 ± 1.05	1.82	3
Le Roy	NY	42.98	78.00	-0.59 ± 1.25	1.77	2
Little Falls	NY	43.05	74.87	-0.36 ± 0.33 *	0.47	2
Lockport	NY	43.17	78.69	-0.69 ± 1.06	1.50	2
Lyon Mountain	NY	44.72	73.92	-0.02 ± 0.25	0.36	2
Lyons	NY	43.06	76.98	0.35 ± 0.22 *	0.32	2
Lyons Falls	NY	43.62	75.36	-0.21 ± 0.99	1.40	2
Mallory	NY	43.32	76.12	0.40 ± 0.13 **	0.18	2
Malone	NY	44.85	74.29	-0.03 ± 0.11	0.16	2
Maplecrest	NY	42.28	74.19	0.31 ± 0.61	0.87	2
Marcellus	NY	42.98	76.34	0.35 ± 0.54	0.76	2
Marion	NY	43.13	77.18	-0.20 ± 0.41	0.58	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Massena	NY	44.93	74.89	0.31 ± 0.20 *	0.34	3
Mayfield	NY	43.10	74.27	-0.27 ± 0.97	1.36	2
Medina	NY	43.23	78.38	-0.72 ± 0.06 **	0.09	2
Middle Falls	NY	43.10	73.52	-0.42 ± 0.63	0.89	2
Middle Granville	NY	43.43	73.28	-0.12 ± 0.07 *	0.10	2
Middle Grove	NY	43.08	73.58	0.05 ± 1.21	1.71	2
Minerva	NY	43.78	73.98	-0.02 ± 0.50	0.71	2
Minetto	NY	43.40	76.48	0.65 ± 0.08 **	0.11	2
Mineville	NY	44.09	73.52	-0.28 ± 0.29	0.50	3
Mooers	NY	44.96	73.58	-0.43 ± 0.42 *	0.59	2
Moriah	NY	44.05	73.50	0.79 ± 0.50 *	0.71	2
Moriah Center	NY	44.07	73.50	-0.06 ± 0.32	0.56	3
Morrisonville	NY	44.70	73.57	-0.05 ± 0.10	0.14	2
Naples	NY	42.62	77.42	-0.14 ± 0.64	0.90	2
New Lebanon Center	NY	42.47	73.42	0.38 ± 0.75	1.06	2
Newark	NY	43.05	77.09	-0.36 ± 0.18 **	0.25	2
Newport	NY	43.18	75.00	0.00 ± 1.10	1.55	2
Niagara Falls	NY	43.10	79.06	0.13 ± 0.40	0.57	2
Norfolk	NY	44.80	74.99	0.58 ± 0.76	1.07	2
North Hudson	NY	43.98	73.72	-0.37 ± 0.72	1.02	2
North River	NY	43.73	74.08	0.48 ± 1.05	1.48	2
North Syracuse	NY	43.13	76.12	0.67 ± 0.99	1.40	2
Northville	NY	43.22	74.18	0.10 ± 0.51	0.73	2
Norwich	NY	42.55	75.55	0.37 ± 0.63	1.09	3
Norwood	NY	44.75	75.00	-0.55 ± 0.48 *	0.68	2
Nunda	NY	42.58	77.94	0.41 ± 0.39 *	0.67	3
Ogdensburg	NY	44.69	75.50	-0.02 ± 0.80	1.13	2
Olean	NY	42.08	78.43	0.85 ± 0.79 *	1.37	3
Oneida	NY	43.10	75.67	0.45 ± 0.09 **	0.12	2
Oneonta	NY	42.45	75.06	0.34 ± 0.36	0.62	3
Oswego	NY	43.45	76.52	0.38 ± 0.20 *	0.35	3
Owego	NY	42.11	76.26	0.50 ± 0.26 *	0.46	3
Oxford	NY	41.35	74.22	0.68 ± 0.86	1.21	2
Painted Post	NY	42.17	77.12	0.16 ± 0.40	0.56	2
Palmyra	NY	43.07	77.25	0.79 ± 0.48 *	0.67	2
Paradox	NY	43.90	73.65	-0.27 ± 0.70	0.99	2
Parishville	NY	44.63	74.81	-0.68 ± 0.93	1.61	3
Pavilion	NY	42.88	78.02	-1.70 ± 0.22 **	0.31	2
Penn Yan	NY	42.58	77.03	0.96 ± 0.38 **	0.53	2
Pennellville	NY	43.28	76.27	1.17 ± 0.53 **	0.75	2
Peru	NY	44.58	73.53	0.78 ± 1.03	1.46	2
Phelps	NY	42.95	77.05	0.34 ± 0.86	1.21	2
Pittsford	NY	43.11	77.55	0.20 ± 0.21	0.29	2
Plattsburgh	NY	44.70	73.45	-0.07 ± 0.49	0.99	4
Port Henry	NY	44.05	73.47	-0.57 ± 0.46 *	0.79	3
Port Leyden	NY	43.58	75.35	0.53 ± 0.72	1.02	2
Portageville	NY	42.57	78.03	0.79 ± 0.00 **	0.00	2
Porter Corners	NY	43.13	73.88	0.10 ± 1.34	1.90	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Potsdam	NY	44.67	74.99	1.04 ± 1.20	1.70	2
Prattsburg	NY	42.53	77.28	0.43 ± 1.05	1.48	2
Prospect	NY	43.30	75.15	0.01 ± 1.15	1.63	2
Pulaski	NY	43.57	76.12	0.30 ± 0.09 **	0.16	3
Raquette Lake	NY	43.82	74.67	-0.62 ± 0.76	1.32	3
Redford	NY	44.62	73.80	0.16 ± 0.29	0.51	3
Rensselaer	NY	42.65	73.73	0.46 ± 0.07 **	0.10	2
Richfield Springs	NY	42.85	74.98	1.19 ± 0.95 *	1.35	2
Richmondville	NY	42.63	74.57	0.17 ± 0.81	1.14	2
Riparius	NY	43.67	73.90	-0.37 ± 0.77	1.09	2
Ripley	NY	42.26	79.71	0.19 ± 0.48	0.68	2
Rochester	NY	43.16	77.61	0.41 ± 0.25 *	0.56	5
Rome	NY	43.22	75.47	0.74 ± 0.59 *	0.83	2
Rouses Point	NY	44.99	73.37	-0.54 ± 0.20 **	0.34	3
Sackets Harbor	NY	43.95	76.12	-0.89 ± 0.27 **	0.38	2
Saint Johnsville	NY	43.00	74.67	0.59 ± 0.63	0.89	2
Saint Regis Falls	NY	44.67	74.55	-1.15 ± 0.21 **	0.29	2
Salamanca	NY	42.16	78.71	0.70 ± 0.34 **	0.67	4
Salem	NY	43.18	73.33	0.35 ± 0.35 *	0.49	2
Saranac	NY	44.65	73.75	0.17 ± 0.47	0.66	2
Saranac Lake	NY	44.33	74.12	-0.18 ± 0.89	1.25	2
Saratoga Springs	NY	43.08	73.78	0.55 ± 0.45 *	0.90	4
Schenectady	NY	42.80	73.92	-0.15 ± 0.34	0.48	2
Schuylerville	NY	43.10	73.57	0.59 ± 0.65	0.91	2
Sherburne	NY	42.68	75.50	0.12 ± 0.53	0.75	2
Sherman	NY	42.16	79.60	-0.30 ± 0.00 **	0.00	2
Shushan	NY	43.08	73.33	0.08 ± 0.99	1.40	2
Sodus Point	NY	43.27	76.98	0.34 ± 0.72	1.02	2
South Colton	NY	44.52	74.88	0.37 ± 0.77	1.09	2
South Schroon	NY	43.80	73.92	-0.54 ± 0.90	1.27	2
Speculator	NY	43.50	74.36	-0.53 ± 0.43 *	0.61	2
Spencerport	NY	43.20	77.80	0.13 ± 0.38	0.54	2
Springfield Center	NY	42.83	74.88	0.66 ± 0.43 *	0.61	2
Springville	NY	42.51	78.67	0.62 ± 0.34 *	0.75	5
Stockton	NY	42.32	79.36	1.33 ± 1.39	1.97	2
Stony Creek	NY	43.42	73.93	-0.13 ± 0.56	0.79	2
Syracuse	NY	43.05	76.15	0.76 ± 0.46 *	0.91	4
Thousand Island	NY	44.28	76.03	-0.65 ± 0.00 **	0.00	2
Ticonderoga	NY	43.85	73.43	-0.32 ± 0.34	0.68	4
Tonawanda	NY	43.02	78.87	-0.52 ± 1.10	1.56	2
Tribes Hill	NY	42.95	74.28	0.35 ± 0.38	0.54	2
Troy	NY	42.73	73.72	0.32 ± 0.07 **	0.12	3
Tupper Lake	NY	44.23	74.45	0.19 ± 0.85	1.48	3
Upper Jay	NY	44.33	73.78	-0.15 ± 0.65	0.91	2
Utica	NY	43.10	75.23	-0.31 ± 0.59	0.83	2
Varysburg	NY	42.76	78.31	0.23 ± 0.32	0.45	2
Vernon Center	NY	43.05	75.50	0.39 ± 1.10	1.55	2
Voorheesville	NY	42.65	73.92	-0.01 ± 0.63	0.89	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Waddington	NY	44.86	75.20	-0.33 ± 0.51	0.72	2
Wadhams	NY	44.22	73.45	0.35 ± 0.91	1.29	2
Warrensburg	NY	43.47	73.78	-0.17 ± 0.49	0.70	2
Warsaw	NY	42.75	78.13	0.13 ± 0.86	1.21	2
Watertown	NY	43.97	75.91	0.76 ± 0.33 **	0.58	3
Wells	NY	43.38	74.28	-0.54 ± 1.21	1.71	2
West Bloomfield	NY	42.90	77.53	0.20 ± 1.25	1.77	2
Whallonsburg	NY	44.25	73.40	-0.60 ± 0.85	1.20	2
Whippleville	NY	44.81	74.26	-0.39 ± 0.79	1.12	2
Whitehall	NY	43.55	73.40	0.25 ± 0.42	0.73	3
Wilmington	NY	44.38	73.82	0.03 ± 0.40	0.69	3
Winthrop	NY	44.79	74.79	-0.81 ± 0.71 *	1.00	2
Witherbee	NY	44.08	73.53	-0.24 ± 0.50	0.70	2
Wyoming	NY	42.83	78.09	0.84 ± 0.06 **	0.10	3
York	NY	42.87	77.89	0.01 ± 0.62	0.88	2
Yorkshire	NY	42.53	78.47	-0.02 ± 0.57	0.81	2
Akron	OH	41.08	81.50	0.52 ± 0.71	1.00	2
Albany	OH	39.23	82.20	0.37 ± 0.45	0.64	2
Ashland	OH	40.82	82.28	0.24 ± 0.65	0.91	2
Ashtabula	OH	41.90	80.78	-0.09 ± 0.64	0.90	2
Bay Village	OH	41.49	81.92	-0.74 ± 0.50 *	0.70	2
Bethel	OH	38.96	84.08	-0.11 ± 1.00	1.41	2
Botkins	OH	40.47	84.18	1.14 ± 0.71 *	1.00	2
Bridgeport	OH	40.08	80.74	0.53 ± 0.48 *	0.68	2
Bucyrus	OH	40.81	82.98	0.34 ± 0.41	0.58	2
Cambridge	OH	40.03	81.58	0.86 ± 0.22 **	0.31	2
Canton	OH	40.83	81.36	1.34 ± 0.76 *	1.31	3
Chillicothe	OH	39.33	82.97	1.71 ± 0.11 **	0.16	2
Cincinnati	OH	39.11	84.51	0.63 ± 0.39 *	0.55	2
Cleveland	OH	41.49	81.69	1.48 ± 1.21 *	2.10	3
Columbus	OH	39.96	83.00	1.76 ± 0.62 **	1.25	4
Crestline	OH	40.79	82.73	0.34 ± 0.44	0.62	2
Dayton	OH	39.75	84.18	1.81 ± 1.99	2.82	2
Defiance	OH	41.28	84.36	0.88 ± 0.15 **	0.21	2
Dover	OH	40.52	81.48	1.24 ± 1.70	2.40	2
Eaton	OH	39.75	84.63	1.14 ± 0.12 **	0.21	3
Elyria	OH	41.36	82.11	0.66 ± 0.59 *	0.84	2
Fremont	OH	41.35	83.11	1.01 ± 1.08	1.53	2
Galion	OH	40.73	82.78	0.35 ± 0.38	0.53	2
Gallipolis	OH	38.81	82.20	-0.23 ± 0.06 **	0.09	2
Glouster	OH	39.16	82.08	0.49 ± 0.36 *	0.51	2
Greenwich	OH	41.03	82.52	0.30 ± 0.67	0.95	2
Jackson	OH	39.52	82.62	0.18 ± 0.28	0.40	2
Kenton	OH	40.65	83.61	1.02 ± 0.55 *	0.77	2
Langsville	OH	39.05	82.18	0.39 ± 0.55	0.78	2
Mansfield	OH	40.78	82.53	0.79 ± 0.00 **	0.00	2
Marietta	OH	39.40	81.50	0.51 ± 0.10 **	0.14	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Massillon	OH	40.79	81.53	0.67 ± 0.41 *	0.58	2
Mount Gilead	OH	40.56	82.83	0.85 ± 0.26 **	0.36	2
Napoleon	OH	41.39	84.12	0.85 ± 0.24 **	0.34	2
Nelsonville	OH	39.50	82.23	0.33 ± 0.30 *	0.42	2
New Lexington	OH	39.75	82.20	0.32 ± 0.12 **	0.17	2
New Philadelphia	OH	40.49	81.45	2.13 ± 0.95 **	1.65	3
Newark	OH	40.06	82.41	0.31 ± 0.05 **	0.08	2
Painesville	OH	41.73	81.26	-0.05 ± 0.90	1.28	2
Paulding	OH	41.14	84.58	1.19 ± 0.27 **	0.47	3
Portsmouth	OH	38.75	83.00	0.61 ± 0.44 *	0.62	2
Rockbridge	OH	39.58	82.53	0.32 ± 0.33	0.47	2
Sherrodsville	OH	40.49	81.24	0.29 ± 0.72	1.02	2
Sidney	OH	40.28	84.16	1.07 ± 0.22 **	0.31	2
Springfield	OH	39.92	83.81	1.23 ± 0.73 *	1.04	2
Steubenville	OH	40.37	80.62	0.46 ± 0.72	1.02	2
Toledo	OH	41.65	83.53	1.24 ± 1.02 *	1.45	2
Upper Sandusky	OH	40.83	83.28	0.50 ± 0.23 **	0.32	2
Wapakoneta	OH	40.57	84.20	1.16 ± 0.35 **	0.49	2
Waterford	OH	40.55	82.62	1.07 ± 0.57 *	0.80	2
Waverly	OH	39.13	82.98	1.24 ± 0.17 **	0.24	2
Wilmington	OH	39.45	83.82	1.32 ± 0.18 **	0.25	2
Wooster	OH	40.81	81.93	0.68 ± 0.27 **	0.38	2
Youngstown	OH	41.09	80.65	0.70 ± 0.79	1.12	2
Zanesville	OH	39.94	82.00	0.84 ± 0.59 *	0.84	2
Apsley	ONT.	44.75	78.10	0.63 ± 0.02 **	0.02	2
Aylmer	ONT.	42.77	80.98	0.79 ± 1.25	1.76	2
Bancroft	ONT.	45.08	77.87	0.58 ± 0.07 **	0.11	3
Barrie	ONT.	44.40	79.67	0.87 ± 0.29 **	0.50	3
Belleville	ONT.	44.17	77.37	0.62 ± 0.51 *	0.88	3
Blenheim	ONT.	42.33	82.00	0.87 ± 1.58	2.24	2
Bracebridge	ONT.	45.03	79.31	1.38 ± 0.19 **	0.26	2
Brampton	ONT.	43.68	79.81	0.73 ± 0.11 **	0.16	2
Brantford	ONT.	46.80	80.27	0.33 ± 0.32 *	0.56	3
Burlington	ONT.	43.32	79.78	0.89 ± 0.53 *	0.75	2
Chatham	ONT.	42.40	82.18	1.03 ± 0.87 *	1.51	3
Cornwall	ONT.	45.03	74.73	-0.20 ± 0.64	0.91	2
Dundas	ONT.	43.27	79.97	1.70 ± 0.90 *	1.28	2
Eganville	ONT.	45.55	77.10	0.27 ± 0.18 *	0.26	2
Elgin	ONT.	44.60	76.22	-0.17 ± 0.24	0.33	2
Etobicoke	ONT.	43.70	79.53	0.98 ± 0.29 **	0.41	2
Gravenhurst	ONT.	44.92	79.37	1.12 ± 0.13 **	0.19	2
Haliburton	ONT.	45.05	78.52	0.65 ± 0.02 **	0.03	2
Hamilton	ONT.	43.25	79.83	0.83 ± 0.38 **	0.67	3
Hanover	ONT.	44.15	81.03	1.35 ± 0.56 **	0.79	2
Kingston	ONT.	44.23	76.50	0.06 ± 0.38	0.54	2
Kitchener	ONT.	43.45	80.55	1.96 ± 0.26 **	0.37	2
Lindsay	ONT.	44.35	78.73	0.61 ± 0.30 **	0.52	3

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
London	ONT.	42.98	81.23	0.87 ± 0.66 *	1.14	3
Midland	ONT.	44.75	79.88	1.32 ± 0.13 **	0.19	2
Millbrook	ONT.	44.15	78.45	0.34 ± 0.55	0.78	2
Minden	ONT.	44.92	78.72	0.87 ± 0.10 **	0.14	2
Niagara Falls	ONT.	43.10	79.07	0.07 ± 1.32	1.87	2
North Bay	ONT.	46.32	79.47	1.61 ± 0.01 **	0.01	2
Norwood	ONT.	44.38	77.98	0.61 ± 0.07 **	0.10	2
Oakville	ONT.	43.45	79.68	0.05 ± 0.43	0.61	2
Omeme	ONT.	44.30	78.55	0.85 ± 0.03 **	0.05	2
Orangeville	ONT.	43.92	80.10	0.83 ± 0.68 *	0.96	2
Orillia	ONT.	44.62	79.42	0.72 ± 0.35 **	0.50	2
Oshawa	ONT.	43.90	78.85	0.29 ± 0.44	0.87	4
Ottawa	ONT.	45.42	75.70	2.03 ± 1.82 *	3.15	3
Owen Sound	ONT.	44.57	80.93	1.51 ± 0.23 **	0.39	3
Pakenham	ONT.	45.33	76.28	-0.08 ± 0.07 *	0.10	2
Peterborough	ONT.	44.30	78.32	0.88 ± 0.06 **	0.09	2
Port Dover	ONT.	42.78	80.20	0.79 ± 1.02	1.44	2
Port Hope	ONT.	43.95	78.30	0.28 ± 0.35	0.60	3
Port Perry	ONT.	44.10	78.95	0.92 ± 0.08 **	0.12	2
Port Stanley	ONT.	42.66	81.23	0.50 ± 0.10 **	0.14	2
Saint Catharines	ONT.	43.17	79.25	0.79 ± 0.33 **	0.57	3
Saint Thomas	ONT.	42.77	81.20	0.06 ± 0.51	0.73	2
Samia	ONT.	42.97	82.38	1.26 ± 0.72 *	1.24	3
Scarborough	ONT.	43.78	79.25	0.98 ± 0.16 **	0.22	2
Simcoe	ONT.	42.83	80.30	0.80 ± 1.02	1.45	2
St Catharines	ONT.	43.17	79.25	1.31 ± 0.11 **	0.15	2
Toronto	ONT.	43.67	79.38	0.71 ± 0.39 *	0.78	4
Warkworth	ONT.	44.20	77.88	0.59 ± 0.12 **	0.16	2
Welland	ONT.	42.98	79.25	0.06 ± 0.28	0.40	2
Woodstock	ONT.	43.12	80.77	0.18 ± 0.12 *	0.20	3
Butler	PA	40.84	79.90	0.24 ± 0.56	0.80	2
Corry	PA	41.93	79.65	0.25 ± 0.34	0.48	2
Cowanesque	PA	41.93	77.49	0.90 ± 0.08 **	0.11	2
Erie	PA	42.13	80.08	1.34 ± 0.33 **	0.74	5
Lake City	PA	42.08	80.35	0.42 ± 1.46	2.06	2
Lock Haven	PA	41.13	77.44	0.75 ± 0.29 **	0.41	2
Meadville	PA	41.63	80.15	0.77 ± 0.58 *	1.00	3
Mercer	PA	41.23	80.23	-0.11 ± 0.76	1.07	2
New Castle	PA	41.00	80.35	1.59 ± 0.88 *	1.77	4
Oil City	PA	41.43	79.71	0.65 ± 0.77	1.33	3
Pittsburgh	PA	40.44	80.00	1.31 ± 0.75 *	1.29	3
Sayre	PA	41.98	76.53	0.83 ± 0.39 **	0.56	2
Smethport	PA	41.80	78.43	0.53 ± 0.90	1.28	2
Tionesta	PA	41.50	79.45	0.45 ± 0.28 *	0.39	2
Titusville	PA	41.61	79.66	0.35 ± 0.19 *	0.27	2
Union City	PA	41.90	79.85	-0.28 ± 0.32	0.45	2
Warren	PA	41.81	79.26	0.25 ± 0.49	0.70	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Williamsport	PA	41.23	77.03	0.74 ± 0.26 **	0.37	2
Berthierville	QUÉ.	46.08	73.17	-0.16 ± 0.37	0.52	2
Buckingham	QUÉ.	45.58	75.42	-0.33 ± 0.18 *	0.26	2
Chambly	QUÉ.	45.45	73.30	-0.58 ± 0.31 *	0.54	3
Chicoutimi	QUÉ.	48.43	71.07	-2.59 ± 0.50 **	0.71	2
Coaticook	QUÉ.	45.13	71.80	-0.17 ± 0.26	0.37	2
Daveluyville	QUÉ.	46.20	72.13	-0.72 ± 1.26	1.79	2
Disraeli	QUÉ.	45.90	71.35	-1.82 ± 0.23 **	0.32	2
Drummondville	QUÉ.	45.88	72.48	-0.72 ± 0.96	1.36	2
Gaspe	QUÉ.	48.83	64.48	-0.91 ± 0.01 **	0.02	2
Gracefield	QUÉ.	46.10	76.05	0.48 ± 0.09 **	0.13	2
Grenville	QUÉ.	45.63	74.60	-0.04 ± 0.22	0.31	2
Joliette	QUÉ.	46.02	73.45	0.36 ± 0.24 *	0.35	2
Knowlton	QUÉ.	45.25	72.67	0.74 ± 0.02 **	0.03	2
La Tuque	QUÉ.	47.43	72.78	0.81 ± 0.49 *	0.84	3
Lachine	QUÉ.	45.43	73.68	-0.74 ± 0.32 **	0.46	2
Lachute	QUÉ.	45.65	74.33	-0.59 ± 0.33 *	0.47	2
Matane	QUÉ.	48.85	67.53	-1.13 ± 1.12 *	1.59	2
Montreal	QUÉ.	45.50	73.60	-0.15 ± 0.03 **	0.05	2
Nicolet	QUÉ.	46.22	72.62	-0.62 ± 0.18 **	0.25	2
Portneuf	QUÉ.	46.70	71.88	0.76 ± 0.14 **	0.19	2
Rigaud	QUÉ.	45.48	74.30	-0.65 ± 0.23 **	0.32	2
Scotstown	QUÉ.	45.53	71.28	-0.19 ± 1.38	1.95	2
Shawinigan	QUÉ.	46.55	72.75	0.86 ± 0.24 **	0.34	2
Sherbrooke	QUÉ.	45.42	71.90	-0.63 ± 0.48 *	0.84	3
Sorel	QUÉ.	46.03	73.12	-0.17 ± 0.35	0.50	2
Stratford Centre	QUÉ.	45.78	71.27	0.06 ± 0.95	1.34	2
Terrebonne	QUÉ.	45.70	73.63	0.32 ± 1.51	2.14	2
Waterloo	QUÉ.	45.35	72.52	-0.25 ± 0.14 *	0.19	2
Yamachiche	QUÉ.	46.27	72.83	0.84 ± 0.42 *	0.60	2
Charlestown	RI	41.38	71.64	1.08 ± 0.45 **	0.63	2
Hope	RI	41.73	71.57	0.62 ± 0.10 **	0.14	2
North Scituate	RI	41.83	71.58	0.54 ± 0.13 **	0.18	2
Oakland	RI	41.97	71.65	0.44 ± 0.13 **	0.18	2
Providence	RI	41.83	71.42	1.20 ± 0.40 **	0.80	4
Gaffney	SC	35.07	81.65	2.07 ± 0.69 **	0.97	2
Pickens	SC	34.85	82.71	0.91 ± 0.85 *	1.20	2
Union	SC	34.71	81.63	1.19 ± 0.44 **	0.62	2
Alamo	TN	35.79	89.12	0.23 ± 0.18 *	0.25	2
Alcoa	TN	35.80	83.98	-0.24 ± 0.75	1.06	2
Bath Springs	TN	35.44	88.09	0.59 ± 0.07 **	0.10	2
Beech Bluff	TN	35.60	88.63	0.36 ± 0.10 **	0.15	2
Bemis	TN	35.58	88.82	0.00 ± 0.17	0.24	2
Big Rock	TN	36.58	87.76	0.51 ± 0.02 **	0.03	2
Blountville	TN	36.53	82.33	-0.10 ± 0.36	0.51	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Braden	TN	35.38	89.57	-0.60 ± 0.18 **	0.26	2
Brighton	TN	35.49	89.73	-0.32 ± 0.18 *	0.31	3
Brownsville	TN	35.59	89.26	0.10 ± 0.21	0.29	2
Brunswick	TN	35.27	89.77	-0.16 ± 0.56	0.79	2
Buchanan	TN	36.43	88.20	0.09 ± 0.16	0.23	2
Bumpus Mills	TN	36.60	87.83	0.32 ± 0.12 **	0.17	2
Burlison	TN	35.56	89.77	-0.56 ± 0.19 **	0.27	2
Camden	TN	36.06	88.10	0.14 ± 0.16	0.29	3
Chattanooga	TN	35.05	85.31	1.36 ± 0.09 **	0.16	3
Clarksville	TN	36.53	87.36	0.32 ± 0.48	0.68	2
Clinton	TN	36.10	84.13	0.21 ± 1.27	1.79	2
Collierville	TN	35.05	89.66	0.69 ± 0.98	1.38	2
Como	TN	36.29	88.51	-0.16 ± 0.15 *	0.22	2
Cookeville	TN	36.16	85.50	0.69 ± 0.17 **	0.24	2
Covington	TN	35.56	89.65	0.09 ± 0.30	0.61	4
Dresden	TN	36.29	88.71	-0.31 ± 0.13 **	0.19	2
Drummonds	TN	35.46	89.91	-0.06 ± 0.11	0.15	2
Dukedom	TN	36.50	88.72	0.20 ± 0.44	0.63	2
Dyer	TN	36.05	89.44	-0.41 ± 0.26 *	0.37	2
Dyersburg	TN	36.03	89.39	0.12 ± 0.53	1.07	4
Elbridge	TN	36.26	89.32	-0.44 ± 0.34 *	0.59	3
Elizabethton	TN	36.35	82.21	0.01 ± 0.42	0.59	2
Ellendale	TN	35.24	89.82	0.34 ± 0.02 **	0.03	2
Enville	TN	35.39	88.43	-0.05 ± 0.31	0.44	2
Finger	TN	35.36	88.60	-0.18 ± 0.31	0.44	2
Finley	TN	36.04	89.48	-0.25 ± 0.31	0.62	4
Fort Pillow	TN	35.66	89.74	-0.52 ± 0.18 **	0.26	2
Friendship	TN	35.92	89.23	-0.38 ± 0.37 *	0.52	2
Gadsden	TN	35.78	88.99	0.02 ± 0.22	0.38	3
Gallaway	TN	35.33	89.62	-0.10 ± 0.36	0.50	2
Gates	TN	35.84	89.41	-0.65 ± 0.43 *	0.60	2
Gibson	TN	36.01	88.95	-0.29 ± 0.06 **	0.09	2
Greeneville	TN	36.16	82.83	-0.03 ± 0.25	0.43	3
Greenfield	TN	36.15	88.80	0.12 ± 0.32	0.45	2
Halls	TN	35.88	89.40	-0.23 ± 0.11 **	0.20	3
Harriman	TN	35.93	84.55	0.04 ± 0.42	0.59	2
Henderson	TN	35.62	88.40	0.43 ± 0.21 **	0.30	2
Henry	TN	36.20	88.42	0.18 ± 0.09 **	0.12	2
Hornbeak	TN	36.33	89.30	0.04 ± 0.10	0.21	5
Humboldt	TN	35.82	88.91	-0.38 ± 0.20 *	0.34	3
Jacks Creek	TN	35.47	88.52	-0.14 ± 0.30	0.42	2
Jackson	TN	36.37	85.68	2.03 ± 0.26 **	0.37	2
Jefferson City	TN	36.12	83.49	-0.54 ± 0.82	1.16	2
Johnson City	TN	36.32	82.35	0.54 ± 0.15 **	0.21	2
Jonesboro	TN	36.29	82.48	0.12 ± 0.25	0.35	2
Kenton	TN	36.18	89.00	-0.37 ± 0.14 **	0.28	4
Kingsport	TN	36.54	82.55	0.26 ± 0.22 *	0.39	3
Knoxville	TN	35.98	83.92	-0.23 ± 0.60	0.85	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
La Fayette	TN	36.52	86.03	1.32 ± 0.19 **	0.26	2
La Follette	TN	36.38	84.12	-0.12 ± 0.16	0.23	2
Lavinia	TN	35.85	88.66	0.27 ± 0.19 *	0.27	2
Lenoir City	TN	35.79	84.27	-0.24 ± 0.77	1.09	2
Loudon	TN	35.74	84.34	-0.09 ± 0.66	0.94	2
Martin	TN	36.34	88.85	0.66 ± 1.09	1.88	3
Maryville	TN	35.75	83.97	-0.01 ± 0.56	0.79	2
Mason	TN	35.41	89.53	-0.40 ± 0.40	0.57	2
Mckenzie	TN	36.13	88.52	1.42 ± 1.30 *	1.84	2
Medina	TN	35.80	88.77	0.10 ± 0.27	0.38	2
Memphis	TN	35.14	89.98	1.20 ± 0.50 **	1.22	6
Mercer	TN	35.48	89.04	-0.11 ± 0.24	0.34	2
Milan	TN	35.92	88.76	-0.26 ± 0.17 *	0.30	3
Millington	TN	35.34	89.90	-0.37 ± 0.48	0.67	2
Mountain City	TN	36.47	81.81	-0.11 ± 0.62	0.88	2
Munford	TN	35.45	89.82	-0.96 ± 0.16 **	0.22	2
Newbern	TN	36.12	89.26	-0.32 ± 0.38	0.53	2
Newport	TN	35.96	83.19	-0.07 ± 0.46	0.79	3
Oak Ridge	TN	36.01	84.27	-0.81 ± 1.17	1.66	2
Oakfield	TN	35.71	88.79	0.09 ± 0.15	0.26	3
Oakland	TN	36.05	83.47	0.51 ± 1.78	2.52	2
Obion	TN	36.36	89.15	-0.20 ± 0.15 *	0.35	5
Oneida	TN	36.50	84.51	-0.42 ± 0.42 *	0.59	2
Parsons	TN	35.65	88.13	0.41 ± 0.03 **	0.04	2
Pinson	TN	35.49	88.72	0.18 ± 0.22	0.30	2
Ridgely	TN	36.26	89.48	0.00 ± 0.03	0.04	2
Ripley	TN	35.75	89.53	-0.68 ± 0.30 **	0.52	3
Selmer	TN	35.16	88.59	0.40 ± 0.16 **	0.22	2
Sharon	TN	36.23	88.83	0.09 ± 0.65	0.91	2
Sneedville	TN	36.53	83.22	0.02 ± 0.04	0.07	3
Somerville	TN	35.24	89.35	0.24 ± 0.35	0.50	2
Sparta	TN	35.93	85.46	0.80 ± 0.55 *	0.96	3
Springfield	TN	36.50	86.88	1.08 ± 1.02 *	1.44	2
Stanton	TN	35.46	89.40	-0.62 ± 0.62 *	0.88	2
Sweetwater	TN	35.50	87.63	1.45 ± 0.16 **	0.23	2
Tigrett	TN	35.95	89.24	-0.71 ± 0.30 **	0.42	2
Tipton	TN	35.51	89.83	0.00 ± 0.17	0.23	2
Tiptonville	TN	36.38	89.48	-0.23 ± 0.39	0.67	3
Trezevant	TN	36.01	88.62	-0.24 ± 0.23 *	0.33	2
Trimble	TN	36.21	89.19	-0.22 ± 0.38	0.54	2
Troy	TN	36.34	89.16	0.07 ± 0.14	0.34	6
Union City	TN	36.42	89.06	-0.05 ± 0.30	0.74	6
Woodland Mills	TN	36.49	89.11	-0.05 ± 0.38	0.54	2
Yorkville	TN	36.10	89.12	-0.18 ± 0.35	0.49	2
Abingdon	VA	36.71	81.98	0.28 ± 0.11 **	0.15	2
Big Stone Gap	VA	36.87	82.78	-0.10 ± 0.07 *	0.10	2
Dungannon	VA	36.83	82.47	0.07 ± 0.07	0.10	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Ewing	VA	36.65	83.43	-0.40 ± 0.23 *	0.32	2
Grundy	VA	37.28	82.10	-0.54 ± 0.47 *	0.66	2
Marion	VA	36.83	81.52	0.20 ± 1.51	2.13	2
Rose Hill	VA	38.72	78.13	2.35 ± 0.43 **	0.60	2
Wytheville	VA	36.95	81.09	-0.10 ± 0.73	1.03	2
Adamant	VT	44.33	72.50	0.00 ± 0.65	0.92	2
Arlington	VT	43.07	73.15	0.28 ± 0.55	0.95	3
Ascutney	VT	43.35	72.40	0.28 ± 0.24 *	0.34	2
Bakersfield	VT	44.78	72.80	0.07 ± 0.26	0.45	3
Barnet	VT	44.30	72.05	-0.42 ± 0.08 **	0.12	2
Beecher Falls	VT	45.01	71.51	-0.25 ± 0.44	0.62	2
Bellows Falls	VT	43.13	72.45	0.43 ± 0.62	1.08	3
Belmont	VT	43.41	72.82	-0.29 ± 0.36	0.63	3
Benson	VT	43.70	73.30	-0.72 ± 0.70 *	0.99	2
Bethel	VT	43.83	72.58	0.29 ± 0.08 **	0.12	2
Bomoseen	VT	43.64	73.20	0.81 ± 1.08	1.52	2
Bradford	VT	43.98	72.15	0.14 ± 0.23	0.40	3
Brandon	VT	43.80	73.09	-0.44 ± 0.25 *	0.43	3
Brattleboro	VT	42.85	72.57	0.39 ± 0.27 *	0.46	3
Bridgewater	VT	43.59	72.62	-0.71 ± 0.02 **	0.03	2
Bridgewater Corners	VT	43.58	72.65	-0.71 ± 0.06 **	0.08	2
Bristol	VT	44.14	73.08	0.28 ± 0.35	0.61	3
Brownsville	VT	43.47	72.47	0.27 ± 0.09 **	0.15	3
Burlington	VT	44.48	73.21	0.38 ± 0.36 *	0.81	5
Cabot	VT	44.40	72.31	-0.09 ± 0.41	0.71	3
Calais	VT	44.37	72.50	-0.40 ± 0.12 **	0.21	3
Cambridge	VT	44.65	72.88	-0.04 ± 0.29	0.41	2
Canaan	VT	45.00	71.54	0.26 ± 0.09 **	0.13	2
Castleton	VT	43.61	73.18	-0.68 ± 0.55 *	0.78	2
Cavendish	VT	43.38	72.62	0.34 ± 0.01 **	0.03	3
Center Rutland	VT	43.60	73.01	-0.18 ± 0.89	1.26	2
Charlotte	VT	44.32	73.25	-0.48 ± 0.46 *	0.79	3
Chelsea	VT	43.99	72.45	0.36 ± 1.02	1.44	2
Chester	VT	43.26	72.60	-0.12 ± 0.47	0.66	2
Chittenden	VT	43.71	72.95	-0.37 ± 0.38	0.65	3
Concord	VT	44.40	71.85	-0.43 ± 0.16 **	0.27	3
Corinth	VT	44.02	72.29	-0.47 ± 0.26 *	0.37	2
Craftsbury Common	VT	44.65	72.38	-0.54 ± 0.10 **	0.15	2
Cuttingsville	VT	43.48	72.87	-0.66 ± 0.24 **	0.33	2
Danby	VT	43.33	72.98	0.40 ± 0.31 *	0.44	2
Danville	VT	44.41	72.14	-0.46 ± 0.13 **	0.18	2
Derby Line	VT	45.01	72.10	-0.31 ± 0.42	0.72	3
Dorset	VT	43.25	73.10	-0.54 ± 0.37 *	0.53	2
East Arlington	VT	43.07	73.15	0.07 ± 0.14	0.19	2
East Barre	VT	44.15	72.45	-0.55 ± 0.09 **	0.12	2
East Corinth	VT	44.07	72.22	-0.11 ± 0.63	0.89	2
East Dorset	VT	43.23	73.02	-0.04 ± 0.20	0.29	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
East Middlebury	VT	43.97	73.10	-0.54 ± 0.70	0.99	2
East Montpelier	VT	44.27	72.49	0.51 ± 0.17 **	0.24	2
East Ryegate	VT	44.20	72.07	-0.15 ± 0.39	0.68	3
East Saint Johnsbury	VT	44.43	71.95	-0.30 ± 0.06 **	0.09	2
East Thetford	VT	43.81	72.19	-0.28 ± 0.18 *	0.25	2
East Wallingford	VT	43.45	72.87	-0.14 ± 0.27	0.38	2
Eden	VT	44.71	72.54	-0.32 ± 0.23 *	0.39	3
Ely	VT	43.88	72.18	0.13 ± 0.21	0.36	3
Essex	VT	44.68	71.70	0.47 ± 0.45 *	0.63	2
Fair Haven	VT	43.59	73.27	-0.31 ± 0.52	0.90	3
Fairfax	VT	44.66	73.01	-0.27 ± 0.32	0.56	3
Fairfield	VT	44.80	72.93	0.33 ± 1.03	1.45	2
Florence	VT	43.72	73.07	-0.03 ± 0.16	0.28	3
Forest Dale	VT	43.83	73.05	-0.19 ± 0.01 **	0.01	2
Gaysville	VT	43.78	72.70	-0.42 ± 0.28 *	0.49	3
Grafton	VT	43.17	72.61	0.46 ± 0.60	1.04	3
Grand Isle	VT	44.72	73.30	0.27 ± 0.24 *	0.34	2
Granville	VT	43.98	72.85	-0.64 ± 0.35 *	0.50	2
Greensboro	VT	44.58	72.30	-0.53 ± 0.11 **	0.16	2
Greensboro Bend	VT	44.55	72.26	-0.02 ± 0.38	0.54	2
Groton	VT	44.22	72.20	0.20 ± 0.30	0.52	3
Guildhall	VT	44.57	71.57	0.26 ± 0.38	0.67	3
Hancock	VT	43.93	72.84	-0.08 ± 0.49	0.84	3
Hardwick	VT	44.52	72.37	-0.51 ± 0.03 **	0.04	2
Hartford	VT	43.66	72.34	-0.29 ± 0.26 *	0.37	2
Hartland	VT	43.53	72.40	0.23 ± 0.22 *	0.30	2
Highgate Center	VT	44.94	73.05	0.01 ± 0.66	0.93	2
Highgate Springs	VT	44.97	73.10	-0.02 ± 0.57	0.80	2
Hinesburg	VT	44.33	73.12	-0.09 ± 0.05 *	0.07	2
Huntington Center	VT	44.28	72.97	-0.02 ± 1.01	1.43	2
Hyde Park	VT	44.59	72.62	-0.34 ± 0.20 *	0.35	3
Hydeville	VT	43.60	73.22	0.32 ± 0.58	0.83	2
Island Pond	VT	44.82	71.88	-0.19 ± 0.15 *	0.30	4
Jacksonville	VT	42.78	72.82	-0.27 ± 0.15 *	0.21	2
Jamaica	VT	43.10	72.77	-0.49 ± 0.10 **	0.15	2
Jericho	VT	44.50	73.00	-0.39 ± 0.55	0.78	2
Johnson	VT	44.64	72.68	0.46 ± 0.09 **	0.13	2
Jonesville	VT	44.38	72.93	0.54 ± 0.49 *	0.70	2
Lake Elmore	VT	44.53	72.52	0.24 ± 0.28	0.40	2
Londonderry	VT	43.23	72.81	-0.06 ± 0.64	0.91	2
Lower Waterford	VT	44.36	71.91	-0.12 ± 0.25	0.42	3
Ludlow	VT	43.37	72.70	0.03 ± 0.31	0.54	3
Lyndon	VT	44.51	72.01	-0.08 ± 0.17	0.29	3
Lyndon Center	VT	44.54	72.01	-0.08 ± 0.46	0.80	3
Manchester Center	VT	43.18	73.06	0.00 ± 0.83	1.17	2
Marshfield	VT	44.35	72.35	-0.42 ± 0.06 **	0.11	3
Mcindoe Falls	VT	44.27	72.07	-0.02 ± 0.52	0.73	2
Middlebury	VT	44.03	73.17	-0.48 ± 0.33 *	0.57	3

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Middletown Springs	VT	43.48	73.12	-0.14 ± 0.05 **	0.07	2
Milton	VT	44.63	73.12	0.07 ± 0.15	0.25	3
Monkton	VT	44.23	73.15	-0.07 ± 0.15	0.21	2
Montgomery Center	VT	44.88	72.62	-0.54 ± 0.08 **	0.12	2
Montpelier	VT	44.27	72.57	-0.31 ± 0.60	0.85	2
Moretown	VT	44.25	72.76	0.48 ± 0.35 *	0.50	2
Morrisville	VT	44.57	72.60	-0.03 ± 0.42	0.59	2
Mount Holly	VT	43.45	72.82	-0.65 ± 0.18 **	0.25	2
New Haven	VT	44.12	73.15	-0.13 ± 0.14	0.20	2
Newbury	VT	44.08	72.06	-0.51 ± 0.15 **	0.27	3
Newfane	VT	42.98	72.66	0.27 ± 0.36	0.62	3
Newport	VT	44.94	72.21	0.30 ± 0.41	0.91	5
Newport Center	VT	44.95	72.31	0.02 ± 0.27	0.38	2
North Bennington	VT	42.92	73.23	-0.33 ± 0.40	0.56	2
North Concord	VT	44.47	71.86	-0.55 ± 0.23 **	0.32	2
North Hartland	VT	43.59	72.36	-0.14 ± 0.20	0.35	3
North Montpelier	VT	44.30	72.45	-0.46 ± 0.15 **	0.21	2
North Pomfret	VT	43.72	72.48	-0.24 ± 0.58	0.82	2
North Thetford	VT	43.84	72.19	0.42 ± 0.48	0.68	2
North Troy	VT	44.99	72.40	0.08 ± 0.18	0.31	3
Northfield	VT	44.13	72.67	0.78 ± 0.34 **	0.69	4
Northfield Falls	VT	44.17	72.65	0.58 ± 0.19 **	0.33	3
Norwich	VT	43.71	72.31	-0.51 ± 0.31 *	0.54	3
Orleans	VT	44.81	72.20	-0.38 ± 0.50	0.71	2
Orwell	VT	43.80	73.30	-0.23 ± 0.21 *	0.30	2
Passumpsic	VT	44.38	72.03	-0.45 ± 0.09 **	0.16	3
Peacham	VT	44.33	72.17	-0.46 ± 0.05 **	0.07	2
Perkinsville	VT	43.37	72.52	-0.70 ± 0.12 **	0.17	2
Pittsford	VT	43.71	73.03	0.02 ± 0.26	0.37	2
Post Mills	VT	43.88	72.26	-0.52 ± 0.24 **	0.41	3
Pownal	VT	42.75	73.23	-0.21 ± 0.37	0.52	2
Proctor	VT	43.66	73.04	-0.02 ± 0.57	0.98	3
Proctorsville	VT	43.38	72.64	0.35 ± 0.58	1.01	3
Randolph	VT	43.92	72.67	0.09 ± 0.92	1.31	2
Randolph Center	VT	43.94	72.61	-0.44 ± 0.22 **	0.38	3
Richford	VT	44.98	72.68	-0.06 ± 0.54	0.93	3
Richmond	VT	44.40	72.99	0.43 ± 0.43 *	0.61	2
Ripton	VT	43.97	73.04	-0.06 ± 0.66	1.15	3
Rochester	VT	43.87	72.81	-0.02 ± 0.30	0.61	4
Roxbury	VT	44.10	72.73	-0.09 ± 0.13	0.22	3
Rutland	VT	43.61	72.98	0.29 ± 0.21 *	0.37	3
Saint Albans	VT	44.81	73.08	-0.38 ± 0.34 *	0.59	3
Saint Albans Bay	VT	44.82	73.13	0.14 ± 0.21	0.36	3
Saint Johnsbury	VT	44.42	72.03	0.00 ± 0.30	0.75	6
Salisbury	VT	43.90	73.10	-0.19 ± 0.05 **	0.07	2
Saxtons River	VT	43.13	72.52	-0.56 ± 0.10 **	0.15	2
Shaftsbury	VT	43.01	73.19	0.62 ± 1.38	1.95	2
Sharon	VT	43.78	72.45	-0.14 ± 0.34	0.59	3

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
Shelburne	VT	44.38	73.23	0.00 ± 0.12	0.21	3
Sheldon	VT	44.88	72.94	-0.20 ± 0.32	0.55	3
Shoreham	VT	43.89	73.31	-0.73 ± 0.76	1.08	2
South Barre	VT	44.18	72.51	-0.44 ± 0.13 **	0.22	3
South Hero	VT	44.65	73.32	-1.30 ± 0.26 **	0.37	2
South Londonderry	VT	43.19	72.82	-0.54 ± 0.15 **	0.21	2
South Newbury	VT	44.05	72.08	-0.58 ± 0.27 **	0.39	2
South Pomfret	VT	43.67	72.53	-0.73 ± 0.05 **	0.07	2
South Royalton	VT	43.82	72.52	-0.13 ± 0.30	0.52	3
South Ryegate	VT	44.19	72.14	-0.14 ± 0.27	0.46	3
South Strafford	VT	43.83	72.37	-0.73 ± 0.14 **	0.20	2
South Woodstock	VT	43.57	72.53	-0.23 ± 0.43	0.61	2
Springfield	VT	43.30	72.48	-0.66 ± 0.15 **	0.21	2
Starksboro	VT	44.23	73.06	-0.56 ± 0.58	0.82	2
Stockbridge	VT	43.78	72.76	-0.68 ± 0.21 **	0.29	2
Stowe	VT	44.47	72.68	-0.03 ± 0.18	0.31	3
Strafford	VT	43.86	72.38	-0.49 ± 0.23 **	0.40	3
Taftsville	VT	43.63	72.47	0.22 ± 0.59	1.01	3
Thetford	VT	43.80	72.19	-0.22 ± 0.13 *	0.23	3
Thetford Center	VT	43.82	72.23	-0.27 ± 0.23 *	0.33	2
Troy	VT	44.90	72.40	0.45 ± 0.23 *	0.32	2
Tunbridge	VT	43.88	72.50	-0.03 ± 0.33	0.58	3
Underhill	VT	44.53	72.95	-0.06 ± 0.17	0.25	2
Underhill Center	VT	44.51	72.90	-0.33 ± 0.29 *	0.50	3
Vergennes	VT	44.18	73.25	-0.04 ± 0.15	0.26	3
Vernon	VT	42.77	72.52	0.22 ± 0.54	0.76	2
Vershire	VT	43.97	72.32	-0.16 ± 0.40	0.56	2
Waitsfield	VT	44.19	72.82	-0.56 ± 0.39 *	0.55	2
Wallingford	VT	43.47	72.98	-0.64 ± 0.33 *	0.46	2
Wardsboro	VT	43.03	72.78	0.61 ± 0.93	1.31	2
Warren	VT	44.12	72.86	-0.40 ± 0.29 *	0.50	3
Washington	VT	44.11	72.43	-0.37 ± 0.15 **	0.21	2
Waterbury Center	VT	44.38	72.72	0.29 ± 0.24 *	0.41	3
Websterville	VT	44.16	72.46	-0.55 ± 0.10 **	0.15	2
Wells	VT	43.42	73.20	-0.11 ± 1.00	1.41	2
Wells River	VT	44.16	72.05	-0.03 ± 0.33	0.46	2
West Barnet	VT	44.31	72.14	-0.48 ± 0.03 **	0.04	2
West Burke	VT	44.63	71.97	0.46 ± 0.34 *	0.49	2
West Charleston	VT	44.90	72.06	-0.34 ± 0.37	0.65	3
West Danville	VT	44.41	72.19	-0.36 ± 0.05 **	0.07	2
West Fairlee	VT	43.91	72.26	-0.18 ± 0.18	0.32	3
West Rupert	VT	43.24	73.24	1.29 ± 0.66 *	0.93	2
West Rutland	VT	43.59	73.05	0.67 ± 0.42 *	0.73	3
West Topsham	VT	44.12	72.31	-0.07 ± 0.48	0.67	2
Westfield	VT	44.89	72.43	-0.25 ± 0.51	0.72	2
Westford	VT	44.61	73.01	-0.55 ± 0.32 *	0.45	2
Westminster	VT	43.07	72.47	-0.52 ± 0.13 **	0.18	2
Weston	VT	43.29	72.79	-0.59 ± 0.13 **	0.18	2

**Table 7. Empirical MMI Site Corrections
for Eastern North America**

Location Name	St/ Pr	Lat (°N)	Long (°W)	Site Correction [‡]	Std. Dev.	# of events (N)
White River Junction	VT	43.65	72.32	0.37 ± 0.46	0.80	3
Whiting	VT	43.86	73.20	-0.54 ± 0.80	1.13	2
Wilder	VT	43.67	72.31	-0.30 ± 0.23 *	0.33	2
Williamstown	VT	44.12	72.54	-0.11 ± 0.47	0.82	3
Wilmington	VT	42.87	72.87	0.18 ± 0.67	0.94	2
Windsor	VT	43.59	72.59	-0.02 ± 0.26	0.45	3
Winooski	VT	44.49	73.19	-0.86 ± 0.40 **	0.70	3
Wolcott	VT	44.55	72.45	-0.52 ± 0.00 **	0.00	2
Woodbury	VT	44.44	72.42	-0.32 ± 0.14 **	0.21	2
Woodstock	VT	43.63	72.52	-0.25 ± 0.44	0.63	2
Worcester	VT	44.37	72.55	-0.42 ± 0.24 *	0.34	2
Jefferson	WI	43.02	88.77	1.51 ± 0.63 **	0.89	2
Kenosha	WI	42.59	87.83	0.91 ± 0.99	1.40	2
Buckhannon	WV	38.99	80.23	0.36 ± 0.58	0.82	2
Charleston	WV	38.35	81.64	-0.40 ± 0.41	0.58	2
Huntington	WV	38.42	82.45	-0.46 ± 0.16 **	0.22	2
Logan	WV	37.85	81.99	-0.10 ± 0.11	0.16	2
Point Pleasant	WV	38.85	82.14	0.31 ± 0.53	0.75	2
Switzer	WV	37.79	81.99	0.86 ± 0.06 **	0.09	2
Washington	WV	39.26	81.66	0.98 ± 0.74 *	1.05	2
Wayne	WV	38.23	82.45	-0.03 ± 0.39	0.55	2
Williamson	WV	37.67	82.25	0.41 ± 0.23 *	0.33	2

‡ $\pm(1\sigma) = (\text{std. dev.})/N^{1/2}$. * if |Site Correction| > 1 σ . ** if |Site Correction| > 2 σ .