

## APPENDIX TO

## A REAPPRAISAL OF THE 1968 VALLE DEL BELÌCE SEISMIC SEQUENCE (WESTERN SICILY): A CASE STUDY OF INTENSITY ASSESSMENT WITH CUMULATED DAMAGE EFFECTS

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Localities and related intensity (EMS-98) for the different shocks of the 1968 *Valle del Belice* sequence and for the final scenario (in bold values estimated by using the percentages in De Panfilis and Marcelli [1968]; see subsections 5.1 and 5.2). The column Sc indicates the special cases for which intensity is generically indicated according to the DBMI15 guidelines [Locati et al., 2016]: SS, small settlement; DL, deserted locality. Accordingly, when the available information is not considered sufficient for assessing an intensity, the following non-conventional descriptive codes are adopted: F, felt; HF, highly felt; D, damage; HF, heavy damage.

N°	Locality	Sc	Lat N	Long E	14 Jan	15 Jan	16 Jan	25 Jan	Cumulative
1	Agrigento		37.312	13.578	3	4		5	5
2	Alcamo		37.977	12.961	5-6	6	6	6-7	6-7
3	Alessandria della Rocca		37.569	13.454					<b>5</b>
4	Alia		37.778	13.714					<b>5</b>
5	Alimena		37.694	14.113					<b>5</b>
6	Aliminusa		37.864	13.780					<b>5</b>
7	Altavilla Milicia		38.042	13.550			5-6		5-6
8	Altofonte		38.044	13.298	3-4			5-6	5-6
9	Aragona		37.407	13.618					<b>5</b>
10	Bagheria		38.078	13.508					<b>5</b>
11	Balata di Baida		38.023	12.788		HF			
12	Balestrate		38.051	13.006					<b>6</b>
13	Baucina		37.925	13.538					<b>6</b>
14	Belmonte Mezzagno		38.048	13.388					<b>5</b>
15	Bisacquino		37.705	13.259				6-7	6-7
16	Bivona		37.618	13.440		6			6
17	Bolognetta		37.964	13.456					<b>5</b>
18	Bompietro		37.744	14.099					<b>5</b>
19	Borgetto		38.047	13.143				6	6
20	Burgio		37.600	13.291				6-7	6-7
21	Busetto Palizzolo		38.012	12.712		5-6			5-6

N°	Locality	Sc	Lat N	Long E	14 Jan	15 Jan	16 Jan	25 Jan	Cumulative
22	Caccamo		37.932	13.664					5
23	Calamonaci		37.526	13.290				6-7	6-7
24	Calatafimi		37.914	12.863	5-6	6-7		7-8	7-8
25	Caltabellotta		37.577	13.216				6-7	6-7
26	Caltanissetta		37.490	14.063		5-6		5	5-6
27	Caltavuturo		37.821	13.891				5-6	5-6
28	Camastra		37.251	13.784			4		
29	Cammarata		37.633	13.637					5
30	Campobello di Licata		37.258	13.918		3.5	3		
31	Campobello di Mazara		37.634	12.749			6-7	6-7	6-7
32	Campofelice di Fitalia		37.826	13.486					6-7
33	Campofelice di Roccella		37.991	13.886					5
34	Campofiorito		37.752	13.269			6-7	7	7
35	Campofranco		37.511	13.714		4-5			
36	Camporeale		37.897	13.096	6	7	7	7	7
37	Canicatti		37.360	13.849		4-5			
38	Capaci		38.171	13.240					5-6
39	Carini		38.131	13.182	3-4				5
40	Castelbuono		37.929	14.090					5
41	Casteldaccia		38.057	13.535					5
42	Castellammare del Golfo		38.025	12.882	5	5-6			6
43	Castellana Sicula		37.781	14.042					5
44	Castello Inici	SS	37.995	12.837		D			D
45	Casteltermini		37.540	13.645		5	5		5
46	Castelvetrano		37.679	12.793	5	6	7	7	7
47	Castrofilippo		37.348	13.750				4	
48	Castronuovo di Sicilia		37.678	13.604					5
49	Catania		37.502	15.087		3-4		3-4	
50	Cattolica Eraclea		37.439	13.395			5-6		5-6
51	Cefalà Diana		37.915	13.463					5
52	Cefalù		38.036	14.020					5
53	Cerda		37.904	13.816					5
54	Chiusa Sclafani		37.677	13.271		6		7	7
55	Cianciana		37.521	13.433					5-6
56	Ciminna		37.897	13.562					6
57	Cinisi		38.157	13.107					5
58	Collesano		37.921	13.938					5
59	Contessa Entellina		37.729	13.185		7	8	8	8
60	Corleone		37.812	13.301	5	6-7	6-7	7	7
61	Custonaci		38.073	12.687					5
62	Enna		37.566	14.275				4	
63	Erice		38.037	12.588				5-6	5-6
64	Favara		37.314	13.658		4-5			
65	Favignana		37.931	12.329		6	3-4		6
66	Ficarazzi		38.088	13.463					5

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67	Gallitello Stazione	SS	37.859	12.949		HD			HD
68	Gangi		37.796	14.205					5
69	Geraci Siculo		37.857	14.154					5
70	Giammartino	SS	37.829	13.027	6-7				D
71	Giardinello		38.088	13.156					6-7
72	Gibellina	DL	37.788	12.972	7	9	9-10	10	10
73	Giuliana		37.670	13.237		6-7	6-7	6-7	6-7
74	Godrano		37.902	13.429				7	7
75	Gratteri		37.965	13.973					5
76	Grisi		37.952	13.091			6-7	6-7	6-7
77	Grotte		37.402	13.701		4-5			
78	Isnello		37.943	14.006					5
79	Isola delle Femmine		38.194	13.250					5
80	Joppolo Giancaxio		37.387	13.555		4-5			5
81	Lascari		38.000	13.941		4		5	5
82	Lercara Friddi		37.748	13.603	4-5				
83	Licata		37.101	13.939		3			
84	Lucca Sicula		37.578	13.306				7	7
85	Macari		38.130	12.741		5			
86	Marettimo		37.967	12.073		3-4		3	
87	Marineo		37.951	13.415				7	7
88	Marsala		37.797	12.447	F	5-6	6	6	6
89	Mazara del Vallo		37.656	12.596		5-6			6
90	Menfi		37.600	12.968	5-6	7-8	8	8	8
91	Messina		38.185	15.555				3	
92	Mezzojuso		37.864	13.465			6		6
93	Milazzo		38.224	15.240		2-3			
94	Misilmeri		38.035	13.451				6	6
95	Monreale		38.082	13.291					5
96	Montallegro		37.392	13.350					5-6
97	Montelepre		38.090	13.173					5-6
98	Montemaggiore Belsito		37.847	13.761					5
99	Montevago		37.703	12.983	5-6	8-9	9	9-10	9-10
100	Mussomeli		37.578	13.753		4-5			
101	Naro		37.295	13.793		4-5			
102	Nicosia		37.747	14.398				3-4	
103	Paceco		37.980	12.558		4-5			5
104	Palazzo Adriano		37.681	13.379				6	6
105	Palermo		38.115	13.362	3-4	5-6	6	6	6
106	Pantelleria		36.829	11.900		3-4			
107	Palma di Montechiaro		37.192	13.762		4-5			
108	Partanna		37.724	12.892		8	8	8-9	8-9
109	Partinico		38.046	13.118	5	6	6	6	6
110	Petralia Soprana		37.797	14.108				6	6
111	Petralia Sottana		37.807	14.092					5

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112	Piana degli Albanesi		37.996	13.284					5
113	Pietraperzia		37.419	14.137	4				
114	Pioppo		38.047	13.229				6	6
115	Poggioreale	DL	37.788	13.015	6-7	8-9	8-9	9	9
116	Polizzi Generosa		37.812	14.000					5
117	Pollina		37.992	14.145					5
118	Porto Empedocle		37.289	13.528		3-4			
119	Prizzi		37.721	13.432				5-6	5-6
120	Racalmuto		37.408	13.734			5-6		5-6
121	Raffadali		37.403	13.531					5
122	Ravanusa		37.267	13.973			3		
123	Realmonte		37.307	13.463		4-5			
124	Resuttano		37.679	14.030		4-5			
125	Ribera		37.502	13.269	3	6	6	6	6
126	Roccamena		37.836	13.154	5	7		7	7
127	Roccapalumba		37.805	13.639		6-7		6-7	6-7
128	Salaparuta	DL	37.777	12.987	7	9	9-10	10	10
129	Salemi		37.817	12.801	4-5	7-8	7-8	8	8
130	Sambuca di Sicilia		37.648	13.111	5-6	6-7	7	7-8	7-8
131	San Biagio Platani		37.509	13.525					5
132	San Cataldo		37.485	13.989		4-5			
133	San Cipirello		37.962	13.176		6	6	6-7	6-7
134	San Giuseppe Jato		37.969	13.182		5-6	6	6-7	6-7
135	San Mauro Castelverde		37.914	14.190					5
136	Santa Caterina Villarmosa		37.590	14.032		4-5			
137	Santa Cristina Gela		37.984	13.328					5
138	Santa Flavia		38.081	13.526					5
139	Santa Margherita di Belice		37.692	13.023	5-6	8	8-9	9	9
140	Santa Ninfa		37.773	12.880	5-6	8	8	8-9	8-9
141	Santo Stefano Quisquina		37.625	13.492					5
142	San Vito lo Capo		38.174	12.735	3-4	5-6			5-6
143	Sciacca		37.508	13.083	4-5	6	6	6-7	6-7
144	Sciara		37.914	13.762			4-5		
145	Scillato		37.857	13.906				6	6
146	Sclafani Bagni		37.820	13.855					5
147	Serradifalco		37.456	13.881		4-5			
148	Siculiana		37.336	13.421				5-6	5-6
149	Sirignano	SS	37.843	12.971		D			D
150	Sommatino		37.333	13.992		4-5			
151	Tabaccaro		37.831	12.493				4	
152	Termini Imerese		37.985	13.698				5-6	5-6
153	Terrasini		38.151	13.084					5
154	Torretta		38.130	13.234				6-7	6-7
155	Trabia		37.994	13.655					5

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156	Trapani		38.017	12.515	5	5		6	6
157	Trappeto		38.067	13.039					<b>5-6</b>
158	Ustica		38.709	13.193					<b>5</b>
159	Valderice		38.039	12.618	4-5				
160	Valledolmo		37.747	13.826					<b>5</b>
161	Vallelunga Pratameno		37.682	13.831		4-5			
162	Ventimiglia di Sicilia		37.923	13.569			6		6
163	Vicari		37.824	13.570		6			6
164	Villabate		38.076	13.444					<b>5</b>
165	Villafranca Sicula		37.587	13.290		6-7	6-7	6-7	6-7
166	Villafraati		37.906	13.485					<b>5-6</b>
167	Villalba		37.654	13.843		4-5			
168	Villarosa		37.586	14.174		4-5			
169	Vita		37.869	12.815		6-7	6-7	7-8	7-8