

Elenco terremoti estratti dal Catalogo CPTI15 Area circolare con centro C (45.957, 9.157) e raggio 100 km a partire dal 1000/01/01 fino al 2014/12/31

N	Sect	Year	Mo	Da	Ho	Mi	Se	Epicentral	MainRef	TL Def	Lat Def	Lon Def	Dep Def	Io Def	Tlo Def	Mw Def	ErMw Def	TMw Def	RefM	MdpN	Imax	LatM	LonM	Err LatM	Err LonM	Tepi M	Io	Mw M	ErMw M	TMw M	EqID	CPTI11id
67	MA	1304	12	18	2	0	0	Pianura lombarda	CFTI4med	MM	45.3520	8.9540	0	5-6	bx	4	0	Mdm	CFTI4med	1	5-6	45.352	8.954	0	0	bx0	5-6	4	0	bx	13041218_0200_000	69
71	MA	1312	10	14	11	15	0	Pianura lombarda	CFTI4med	MM	45.3520	8.9540	0	5	bx	4	0	Mdm	CFTI4med	1	5	45.352	8.954	0	0	bx0	5	4	0	bx	13121014_1115_000	
107	MA	1369	2	1	0	0	0	Alessandria	CFTI4med	MM	44.9130	8.6150	0	6-7	bx	5	0	Mdm	CFTI4med	2	7-8	44.913	8.615	0	0	bx0	6-7	5	0	bx	13690201_0000_000	108
125	MA	1396	11	26	0	0	0	Monza	CFTI4med	MM	45.5840	9.2740	0	7-8	bx	5	0	Mdm	CFTI4med	1	7-8	45.584	9.274	0	0	bx0	7-8	5	0	bx	13961126_0000_000	122
200	MA	1473	5	7	7	45	0	Milanese	CFTI4med	MM	45.4640	9.1910	0	4	bx	4	0	Mdm	CFTI4med	5	5	45.464	9.191	0	0	bx0	4	4	0	bx	14730507_0745_000	
272	MA	1512	2	8	0	0	0	Valchiavenna	GISAL005	MM	46.3220	9.4020	0	6	bx	5	0	Mdm	GISAL005	1	6	46.322	9.402	0	0	bx0	6	5	0	bx	15120208_0000_000	232
273	MA	1513	2	10	0	0	0	Alessandria	CFTI4med	MM	44.9130	8.6150	0	5	bx	4	0	Mdm	CFTI4med	1	5	44.913	8.615	0	0	bx0	5	4	0	bx	15130210_0000_001	
318	MA	1541	10	22	18	0	0	Valle Scrivia	ENEL985	MM	44.7610	8.9090	0	7	bx	5	0	Mdm	ENEL985	9	8	44.761	8.909	3	6	bx0	7	5	0	bxn	15411022_1800_000	255
369	MA	1576	9	26	5	10	0	Bergamo	CFTI4med	MM	45.6940	9.6710	0	5-6	bx	4	0	Mdm	CFTI4med	1	5-6	45.694	9.671	0	0	bx0	5-6	4	0	bx	15760926_0510_000	295
386	MA	1593	3	8	0	0	0	Bergamo	AMGNDT995	MM	45.6940	9.6710	0	6-7	bx	5	0	Mdm	AMGNDT995	1	6-7	45.694	9.671	0	0	bx0	6-7	5	0	bx	15930308_0000_000	308
404	MA	1606	8	22	0	0	0	Bergamo	AMGNDT995	MM	45.6940	9.6710	0	6-7	bx	5	0	Mdm	AMGNDT995	1	6-7	45.694	9.671	0	0	bx0	6-7	5	0	bx	16060822_0000_000	321
463	MA	1642	6	13	0	0	0	Pianura lombarda	STAL008	MM	45.4370	9.6670	0	6	bx	5	1	Mdm	STAL008	8	6-7	45.437	9.667	13	22	bx0	6	5	1	bxn	16420613_0000_000	366
490	MA	1661	3	12	0	0	0	Prealpi bergamasche	STAL008	MM	45.7050	9.7990	0	6-7	bx	5	0	Mdm	STAL008	4	D	45.705	9.799	3	6	bx0	6-7	5	0	bx	16610312_0000_000	383
788	MA	1759	5	26	22	15	0	Pavese	SGA002	MM	44.8930	8.6480	0	5	bx	4	0	Mdm	SGA002	4	5-6	44.893	8.648	19	26	bx0	5	4	0	bx	17590526_2215_000	599
827	MA	1771	8	15	8	15	0	Pianura lombarda	MOLAL008	MM	45.6060	9.7220	0	5	bx	4	0	Mdm	MOLAL008	3	5	45.606	9.722	5	21	bx0	5	4	0	bx	17710815_0000_000	
835	MA	1774	3	31	14	49	0	Bresciano	CAMAL011b	MM	45.5520	10.1110	0	5-6	bx	4	0	Mdm	CAMAL011b	6	6	45.552	10.111	1	8	bx0	5-6	4	0	bx	17740331_1510_000	634
871	MA	1780	8	1	0	0	0	Valle Scrivia	CFTI4med	MM	44.8970	8.8640	0	5	bx	4	0	Mdm	CFTI4med	1	5	44.897	8.864	0	0	bx0	5	4	0	bx	17800801_0000_000	
872	MA	1780	8	4	0	0	0	Valle Scrivia	CFTI4med	MM	44.8970	8.8640	0	5	bx	4	0	Mdm	CFTI4med	1	5	44.897	8.864	0	0	bx0	5	4	0	bx	17800804_0000_000	
886	MA	1781	9	10	11	30	0	Pianura lombarda	CFTI4med	MM	45.5010	9.5890	0	6-7	bx	5	0	Mdm	CFTI4med	11	6-7	45.501	9.589	2	2	bx0	6-7	5	0	bxn	17810910_1130_000	673
904	MA	1784	3	30	11	0	0	Oltrepo Pavese	CFTI4med	MM	44.7760	9.1830	0	5	bx	4	0	Mdm	CFTI4med	1	5	44.776	9.183	0	0	bx0	5	4	0	bx	17840330_1100_000	
921	MA	1786	4	7	0	15	0	Pianura lombarda	CAMA014	MM	45.2670	9.5500	0	6-7	bx	5	0	Mdm	CAMA014	10	7-8	45.267	9.550	24	11	bx0	6-7	5	0	bxn	17860407_0025_000	701
980	MA	1802	5	12	9	30	0	Valle del Oglio	ALBRV010	MM	45.4240	9.8390	0	8	bx	6	0	Mdm	ALBRV010	94	8-9	45.424	9.839	1	1	bx0	8	6	0	bxn	18020512_0930_000	750
1062	MA	1824	2	4	21	50	0	Oltrepo Pavese	CFTI4med	MM	44.9200	9.1260	0	5	bx	4	0	Mdm	CFTI4med	8	5	44.920	9.126	8	10	bx0	5	4	0	bxn	18240204_2150_000	
1071	MA	1826	11	11	4	28	0	Pavia	CFTI4med	MM	45.1850	9.1550	0	5	bx	4	0	Mdm	CFTI4med	1	5	45.185	9.155	0	0	bx0	5	4	0	bx	18261111_0428_000	
1082	MA	1828	10	9	2	20	0	Oltrepo Pavese	CFTI4med	MM	44.8210	9.0470	0	8	bx	6	0	Mdm	CFTI4med	110	8	44.821	9.047	3	2	bx0	8	6	0	bxn	18281009_0220_000	829
1087	MA	1829	9	6	19	30	0	Cremona	ENEL985	MM	45.1350	10.0230	0	5-6	bx	4	0	Mdm	ENEL985	2	6-7	45.135	10.023	0	0	bx0	5-6	4	0	bx	18290906_1930_000	834
1184	MA	1845	1	20	5	15	0	Valle Scrivia	CFTI4med	MM	44.7810	8.9990	0	4	bx	4	0	Mdm	CFTI4med	2	5	44.781	8.999	0	0	bx0	4	4	0	bx	18450120_0515_000	
1213	MA	1851	2	5	9	50	0	Valtellina	CAMAL011b	MM	46.1570	9.7680	0	5	bx	5	0	Mdm	CAMAL011b	30	5-6	46.157	9.768	14	17	bx0	5	5	0	bxn	18510205_0950_000	
1418	MA	1879	2	14	0	0	0	Garda occidentale	CAMAL011a	MM	45.7150	10.1270	0	5	bx	5	0	Mdm	CAMAL011a	13	5	45.715	10.127	7	28	bx0	5	5	0	bxn	18790214_0000_000	1094
1461	MA	1882	2	27	6	30	0	Valle Seriana	STAL988	MM	45.8780	9.9260	0	6-7	bx	5	0	Mdm	STAL988	37	6-7	45.878	9.926	1	3	bx0	6-7	5	0	bxn	18820227_0630_000	1130
1492	MA	1884	9	12	7	23	0	Pianura lombarda	CFTI4med	MM	45.5470	9.7700	0	6	bx	5	0	Mdm	CFTI4med	34	6	45.547	9.770	5	3	bx0	6	5	0	bxn	18840912_0723_000	1159
1533	MA	1887	5	20	4	12	0	Lecchese	ALBAL003	MM	45.8270	9.3590	0	5	bx	4	0	Mdm	ALBAL003	36	5	45.827	9.359	1	1	bx0	5	4	0	bxn	18870520_0412_000	1192
1579	MA	1891	12	20	16	36	0	Val d'Ossola	MOLAL008	MM	46.2040	8.2970	0	4-5	bx	4	0	Mdm	MOLAL008	10	5	46.204	8.297	4	1	bx0	4-5	4	0	bxn	18911220_1736_000	1236
1580	MA	1891	12	22	0	0	0	Valtellina	STAL988	MM	46.1390	9.8290	0	5-6	bx	4	1	Mdm	STAL988	7	5-6	46.139	9.829	5	3	bx0	5-6	4	1	bxn	18911222_0000_000	1237
1627	MA	1894	11	27	5	7	0	Bresciano	SGA002	MM	45.5630	10.1230	0	6	bx	5	0	Mdm	SGA002	183	6	45.563	10.123	3	4	bx0	6	5	0	bxn	18941127_0507_000	1282



Comune di Bovisio Masciago
Piano Comunale di Emergenza

Ing. Mario Stevanin

Aggiornamento: Novembre 2016

Allegato 3

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1786	MA	1901	1	23	0	17	10	Oltrepo Pavese	CFTI4med	MM	45.0340	8.9980	0	5	bx	4	0	Mdm	CFTI4med	90	5	45.034	8.998	4	7	bx0	5	4	0	bxn	19010123_0017_000	
1808	MA	1902	4	11	1	28	44	Valle Scrivia	CFTI4med	MM	44.8560	8.8600	0	4	bx	4	0	Mdm	CFTI4med	3	5	44.856	8.860	5	0	bx0	4	4	0	bxn	19020411_0128_000	
1910	MA	1906	7	14	18	35	0	Valle Scrivia	CFTI4med	MM	44.7340	8.8800	0	5	bx	4	0	Mdm	CFTI4med	11	5	44.734	8.880	1	1	bx0	5	4	0	bxn	19060714_1835_000	
2005	MA	1910	1	23	1	50	0	Piacentino	CFTI4med	MM	44.8570	9.6590	0	5	bx	4	0	Mdm	CFTI4med	118	5	44.857	9.659	2	5	bx0	5	4	0	bxn	19100123_0150_000	1586
2067	MA	1912	10	1	18	10	0	Piacenza	CFTI4med	MM	45.0520	9.6930	0	4	bx	4	0	Mdm	CFTI4med	23	5	45.052	9.693	0	0	bx0	4	4	0	bxn	19121001_1810_000	
2075	MA	1913	3	27	2	25	44	Val Trebbia	CFTI4med	MM	44.8950	9.3270	0	4-5	bx	4	0	Mdm	CFTI4med	58	5	44.895	9.327	17	8	bx0	4-5	4	0	bxn	19130327_0225_000	
2090	MA	1913	12	7	1	28	0	Valle Scrivia	AMGNDT995	MM	44.7440	8.8620	0	5	bx	5	0	Wmim	AMGNDT995	56	5	44.744	8.862	16	11	bx0	5	4	0	bxn	19131207_0128_000	1655;1656
2208	MA	1918	1	13	12	0	0	Pianura lombarda	MOLAL008	MM	45.4550	8.8420	0	4	bx	5	0	Wmim	MOLAL008	24	4-5	45.455	8.842	10	3	bx0	4	4	0	bxn	19180113_1200_000	1756
2217	MA	1918	4	24	14	21	0	Lecchese	AMGNDT995	MM	45.8130	9.4570	0	6	bx	5	0	Wmim	AMGNDT995	34	6	45.813	9.457	4	4	bx4	6	5	0	bxn	19180424_1421_000	1763
2303	MA	1923	11	9	13	22	0	Ticino, Bellinzona	ECOS-09	PC	46.2200	9.0000	0	5	pc	4	1	Mpc		0		0.000	0.000	0	0			0	0		19231109_1322_000	
2484	MA	1934	3	23	1	46	50	Lago d'Iseo	MOLAL008	MM	45.8030	10.0440	0	5	bx	4	0	Mdm	MOLAL008	16	5-6	45.803	10.044	9	9	bx0	5	4	0	bxn	19340323_0146_000	1978
2604	MA	1945	6	14	5	3	45	Oltrepo Pavese	CFTI4med	MI	44.8170	9.1460	0	6-7	bx	5	0	Wmim	CFTI4med	6	6-7	44.817	9.146	1	2	bx0	6-7	5	0	bxn	19450614_0503_000	2077
2605	MA	1945	6	29	15	37	13	Oltrepo Pavese	CFTI4med	MM	44.8300	9.1310	0	7-8	bx	5	0	Wmim	CFTI4med	31	7-8	44.830	9.131	1	1	bx0	7-8	5	0	bxn	19450629_1537_000	2078
2606	MA	1945	12	15	5	27	0	Oltrepo Pavese	ENEL985	MM	44.8310	9.1160	0	6	bx	5	1	Mdm	ENEL985	12	6	44.831	9.116	1	6	bx0	6	5	1	bxn	19451215_0527_000	2079
2681	MA	1951	5	15	22	54	0	Lodigiano	CAMA014	MI	45.2260	9.6200	0	6-7	bx	5	0	Wmim	CAMA014	179	6-7	45.226	9.620	5	5	bx0	6-7	5	0	bxn	19510515_2254_000	2137
2682	MA	1951	5	16	2	27	0	Vallemaggia, Cevio	ECOS-09	PC	46.3200	8.6000	0	5	pc	4	1	Mpc		0		0.000	0.000	0	0			0	0		19510516_0227_000	
2699	MA	1952	8	22	2	25	31	Lomellina	MOLAL008	MM	45.1050	8.8460	0	4	bx	4	0	Mdm	MOLAL008	21	4-5	45.105	8.846	9	13	bx0	4	4	0	bxn	19520822_0225_000	2152
2842	MA	1961	11	23	1	12	5	Prealpi bergamasche	MOLAL008	MM	45.7600	9.5890	0	6-7	bx	5	0	Mdm	MOLAL008	119	D	45.760	9.589	3	2	bx0	6-7	5	0	bxn	19611123_0112_000	2265
3022	MA	1971	1	6	11	10	55	Oltrepo Pavese	CFTI4med	MM	45.0500	9.2380	0	4-5	bx	4	0	Mdm	CFTI4med	23	5-6	45.050	9.238	3	5	bx0	4-5	4	0	bxn	19710106_1110_000	2412
3119	MA	1975	11	16	13	4	25	Appennino piacentino	ISC	IM	44.7490	9.5190	0	4-5	bx	5	0	Wmim	AMGNDT995	10	5-6	44.976	9.479	54	23	bx0	4-5	5	0	bxn	19751116_1304_000	2498
3212	MA	1979	2	9	14	44	0	Bergamasco	SGA002	MI	45.6370	9.5550	0	6	bx	5	0	Wmim	SGA002	73	6	45.637	9.555	1	2	bx0	6	5	0	bxn	19790209_1444_000	2563
3223	MA	1979	11	17	20	53	0	Lago d'Iseo	CAMAL015	MI	45.7450	9.9940	0	5-6	bx	4	0	Wmim	CAMAL015	17	5-6	45.745	9.994	6	4	bx0	5-6	5	0	bxn	19791117_2053_000	
3300	MA	1980	12	23	12	1	6	Piacentino	MOLAL008	MI	44.8080	9.7870	0	6-7	bx	5	0	InsO	MOLAL008	69	6-7	44.808	9.787	5	3	bx0	6-7	5	0	bxn	19801223_1201_000	2633
3359	MA	1983	1	3	17	3	5	Valsassina	CSTI1.1	II	45.9650	9.4240	61.3			4	0	InsC		0		0.000	0.000	0	0			0	0		19830103_1703_000	
3536	MA	1987	7	21	15	16	48	Lomellina	CSTI1.1	II	45.0980	8.7310	10			5	0	InsC		0		0.000	0.000	0	0			0	0		19870721_1516_000	
3595	MA	1989	9	13	21	54	35	Alessandrino	CSTI1.1	II	44.8560	8.6730	10			5	0	InsC		0		0.000	0.000	0	0			0	0		19890913_2154_000	
3670	MA	1991	10	31	9	31	19	Emilia occidentale	CSTI1.1	IM	44.9390	9.9970	9.9	5	bx	4	0	Wmim	BMING994	134	5-6	44.940	10.007	7	3	bx0	5	4	0	bxn	19911031_0931_000	2835
3710	MA	1993	6	14	12	28	36	Val d'Ossola	CSTI1.1	IM	45.9640	8.2830	7.3	5-6	bx	4	0	Wmim	BMING998a	139	5-6	45.971	8.288	5	5	bx0	5-6	4	0	bxn	19930614_1228_000	
3780	MA	1995	10	29	13	0	28	Lago d'Iseo	CSTI1.1	IM	45.7230	9.8490	32.5	5-6	bx	4	0	Wmim	BMING999d	408	5-6	45.709	9.927	3	2	bx0	5-6	4	0	bxn	19951029_1300_000	2879
4048	MA	2000	8	21	17	14	0	Monferrato	BMINGV004b	MI	44.9110	8.3800	0	6	bx	5	0	InsO	BMINGV004b	595	6	44.911	8.380	3	3	bx0	6	5	0	bxn	20000821_1714_000	3045
4187	MA	2002	11	13	10	48	3	Franciacorta	ISC	IM	45.6500	10.1410	10	5	bx	4	0	InsO	BMINGV011	768	5	45.644	10.042	4	7	bx0	5	4	0	bxn	20021113_1048_000	3116
4210	MA	2003	4	11	9	26	58	Valle Scrivia	BSINGV	IM	44.7580	8.8680	8.2	6-7	bx	5	0	InsO	CAMAL003	78	7	44.805	8.906	2	2	bx0	6-7	5	0	bxn	20030411_0926_000	3129
4265	MA	2005	4	13	18	46	8	Valle del Trebbia	BSINGV	IM	44.6900	9.3260	3	4	bx	4	0	Wmim	BMINGV011	163	4	44.763	9.291	6	6	bx0	4	4	0	bxn	20050413_1846_000	3160
4266	MA	2005	4	18	10	59	19	Valle del Trebbia	BSINGV	IM	44.7240	9.3480	7.8	4	bx	4	0	InsO	BMINGV011	284	4	44.698	9.538	2	5	bx0	4	4	0	bxn	20050418_1059_000	3161
4320	MA	2007	7	30	19	5	43	Pianura emiliana	BSINGV	II	44.8980	10.0030	20.5			4	0	InsO		0		0.000	0.000	0	0			0	0		20070730_1905_000	
4409	MA	2009	10	19	10	8	50	Piacentino	BSINGV	II	44.8140	9.7720	23.6			4	0	InsO		0		0.000	0.000	0	0			0	0		20091019_1008_000	
4532	MA	2012	10	3	14	41	29	Piacentino	ISIDE	II	44.7820	9.6700	23.8			5	0	InsO		0		0.000	0.000	0	0			0	0		20121003_1441_000	



Comune di Bovisio Masciago Piano Comunale di Emergenza



Ing. Mario Stevanin

Aggiornamento: Novembre 2016

Allegato 3

Pagina 2

LEGENDA:

Field	Description
N	Record number (in chronological order)
Sect	Catalogue section, related to a specific seismological context MA = main NV = Phlegraean volcanic area EV = Etna volcanic area CA = Calabrian arc (subduction)
Year	Origin time: year
Mo	Origin time: month
Da	Origin time: day
Ho	Origin time: hour
Mi	Origin time: minutes
Se	Origin time: seconds
EpicentralArea	Epicentral area or area of the largest macroseismic effects
MainRef	Main bibliographical reference: - equal to RefM when TLdef = MM, MI, ND - equal to RefIns when TLdef = II o IM - code of the reference parametric catalogue when TLDef = PC
TLDef	Type of default location: - MI = macroseismic (alternative to instrumental) - IM = instrumental (alternative to macroseismic) - II = instrumental (only choice) - MM = macroseismic (only choice) - PC = from parametric catalogue - NP = location not defined
LatDef	Default epicentral latitude (WGS84)
LonDef	Default epicentral longitude (WGS84)
DepDef	Default depth in km (instrumental; only when TLDef = II or IM)
IoDef	Default epicentral intensity
TIoDef	Source of the default epicentral intensity: - bx = from macroseismic data, determined using Boxer - pc = from parametric catalogue - dm = from macroseismic data according to the referenced study (RefM)
MwDef	Default moment magnitude
ErMwDef	Error associated to the default moment magnitude
TMwDef	Default moment magnitude determination code: - InsO = instrumental, recorded - InsC = instrumental, converted from other magnitude scales - Mdm = macroseismic, from intensity data - MIo = macroseismic, converted from epicentral intensity - Mpc = from the source parametric catalogue - Wmim = mean of MwIns and MwM, weighted with the inverse of the related variances
RefM	Reference code of the macroseismic dataset



MdpN	Number of macroseismic data
Imax	Maximum intensity
LatM	Epicentral latitude: macroseismic determination (WGS84)
LonM	Epicentral longitude: macroseismic determination (WGS84)
ErrLatM	Error associated to the latitude, determined using Boxer [km]
ErrLonM	Error associated to the longitude, determined using Boxer [km]
TepiM	Method for the determination of the macroseismic epicentre: - bx0: determined by Boxer, method 0 - bx4: determined by Boxer, method 4 - bxM: determined by Boxer (method 0), and modified - dm: from macroseismic data according to the procedures described in the referenced study (RefM)
Io	Epicentral intensity
MwM	Moment magnitude: macroseismic determination
ErMwM	Error associated to the macroseismic moment magnitude
TMwM	Method for the determination of moment magnitude from macroseismic data: - bx _n = calculated by Boxer using the isoseismals method - bx _i = calculated by Boxer using epicentral intensity - Io = converted from Io with the same relation used by Boxer - IoV1 = converted from Io using relations for the Etna volcanic area - IoV2 = converted from Io using relations for the Phlegraean volcanic area
EqID	Earthquake identifier (not chronologically ordered)
CPTI11id	Record identifier in CPTI11