

Elenco terremoti estratti dal Catalogo CPTI15 Area circolare con centro C (45.42, 9.35) 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
7	MA	1065	3	27				Brescia	GUICO005	MM	45,539	10,22		7	bx	5,1	0,46	Mdm	GUICO005	2	8	45,539	10,22			bx0	7	5,1	0,46	bx1	10650327_1125_000	6
67	MA	1304	12	18	2			Pianura lombarda	CFTI4med	MM	45,352	8,954		5-6	bx	4,4	0,46	Mdm	CFTI4med	1	5-6	45,352	8,954			bx0	5-6	4,4	0,46	bx1	13041218_0200_000	69
71	MA	1312	10	14	11	15		Pianura lombarda	CFTI4med	MM	45,352	8,954		5	bx	4,16	0,46	Mdm	CFTI4med	1	5	45,352	8,954			bx0	5	4,16	0,46	bx1	13121014_1115_000	
107	MA	1369	2	1				Alessandria	CFTI4med	MM	44,913	8,615		6-7	bx	4,86	0,46	Mdm	CFTI4med	2	7-8	44,913	8,615			bx0	6-7	4,86	0,46	bx1	13690201_0000_000	108
125	MA	1396	11	26				Monza	CFTI4med	MM	45,584	9,274		7-8	bx	5,33	0,46	Mdm	CFTI4med	1	7-8	45,584	9,274			bx0	7-8	5,33	0,46	bx1	13961126_0000_000	122
159	MA	1438	6	11	2			Parmense	CFTI4med	MM	44,844	10,239		8	bx	5,56	0,46	Mdm	CFTI4med	4	8	44,844	10,239	2,373	7,03	bx0	8	5,56	0,46	bx1	14380611_0200_000	151
195	MA	1471	8	15	16	40		Brescia	CFTI4med	MM	45,539	10,22		5	bx	4,16	0,46	Mdm	CFTI4med	1	5	45,539	10,22			bx0	5	4,16	0,46	bx1	14710815_1640_000	
196	MA	1471						Brescia	ENEL985	MM	45,539	10,22		4	bx	3,7	0,46	Mdm	ENEL985	1	F	45,539	10,22			bx0	4	3,7	0,46	bx1	14710000_0000_001	177
200	MA	1473	5	7	7	45		Milanese	CFTI4med	MM	45,464	9,191		4	bx	3,7	0,46	Mdm	CFTI4med	5	5	45,464	9,191			bx0	4	3,7	0,46	bx1	14730507_0745_000	
273	MA	1513	2	10				Alessandria	CFTI4med	MM	44,913	8,615		5	bx	4,16	0,46	Mdm	CFTI4med	1	5	44,913	8,615			bx0	5	4,16	0,46	bx1	15130210_0000_001	
288	MA	1522	10	5	0	10		Pianura Padana	CFTI4med	MM	44,982	10,05		5	bx	4,71	0,4	Mdm	CFTI4med	6	5	44,982	10,05	21,11	40,264	bx0	5	4,71	0,4	bxn	15221005_0010_000	240
317	MA	1540	9	1	8	10		Brescia	SGA002	MM	45,539	10,22		5	bx	4,16	0,46	Mdm	SGA002	1	5	45,539	10,22			bx0	5	4,16	0,46	bx1	15400901_0810_000	254
318	MA	1541	10	22	18			Valle Scrivia	ENEL985	MM	44,761	8,909		7	bx	5,26	0,48	Mdm	ENEL985	9	8	44,761	8,909	2,626	5,823	bx0	7	5,26	0,48	bxn	15411022_1800_000	255
369	MA	1576	9	26	5	10		Bergamo	CFTI4med	MM	45,694	9,671		5-6	bx	4,4	0,46	Mdm	CFTI4med	1	5-6	45,694	9,671			bx0	5-6	4,4	0,46	bx1	15760926_0510_000	295
379	MA	1586	1	12				Parmense	MOLAL008	MM	44,866	10,061		5	bx	4,16	0,46	Mdm	MOLAL008	1	5	44,866	10,061			bx0	5	4,16	0,46	bx1	15860112_0000_000	303
386	MA	1593	3	8				Bergamo	AMGNDT995	MM	45,694	9,671		6-7	bx	4,86	0,46	Mdm	AMGNDT995	1	6-7	45,694	9,671			bx0	6-7	4,86	0,46	bx1	15930308_0000_000	308
404	MA	1606	8	22				Bergamo	AMGNDT995	MM	45,694	9,671		6-7	bx	4,86	0,46	Mdm	AMGNDT995	1	6-7	45,694	9,671			bx0	6-7	4,86	0,46	bx1	16060822_0000_000	321
463	MA	1642	6	13				Pianura lombarda	STAL008	MM	45,437	9,667		6	bx	4,92	0,63	Mdm	STAL008	8	6-7	45,437	9,667	13,165	22,424	bx0	6	4,92	0,63	bxn	16420613_0000_000	366
490	MA	1661	3	12				Prealpi bergamasche	STAL008	MM	45,705	9,799		6-7	bx	4,86	0,46	Mdm	STAL008	4	D	45,705	9,799	3,173	5,807	bx0	6-7	4,86	0,46	bx1	16610312_0000_000	383
512	MA	1680	4	30	11			Valle Scrivia	ENEL985	MM	44,688	8,803		7	bx	5,1	0,46	Mdm	ENEL985	1	7	44,688	8,803			bx0	7	5,1	0,46	bx1	16800430_1100_000	397
707	MA	1738	11	5	0	30		Emilia occidentale	ENEL985	MM	44,906	10,028		7	bx	5,1	0,46	Mdm	ENEL985	10	7	44,906	10,028	8,363	14,54	bx0	7	5,1	0,46	bx1	17381105_0030_000	545
788	MA	1759	5	26	22	15		Pavese	SGA002	MM	44,893	8,648		5	bx	4,16	0,46	Mdm	SGA002	4	5-6	44,893	8,648	18,752	26,076	bx0	5	4,16	0,46	bx1	17590526_2215_000	599
827	MA	1771	8	15	8	15		Pianura lombarda	MOLAL008	MM	45,606	9,722		5	bx	4,16	0,46	Mdm	MOLAL008	3	5	45,606	9,722	5,119	21,335	bx0	5	4,16	0,46	bx1	17710815_0000_000	
835	MA	1774	3	31	14	49		Bresciano	CAMAL011b	MM	45,552	10,111		5-6	bx	4,4	0,46	Mdm	CAMAL011b	6	6	45,552	10,111	1,39	8,487	bx0	5-6	4,4	0,46	bx1	17740331_1510_000	634
871	MA	1780	8	1				Valle Scrivia	CFTI4med	MM	44,897	8,864		5	bx	4,16	0,46	Mdm	CFTI4med	1	5	44,897	8,864			bx0	5	4,16	0,46	bx1	17800801_0000_000	
872	MA	1780	8	4				Valle Scrivia	CFTI4med	MM	44,897	8,864		5	bx	4,16	0,46	Mdm	CFTI4med	1	5	44,897	8,864			bx0	5	4,16	0,46	bx1	17800804_0000_000	
886	MA	1781	9	10	11	30		Pianura lombarda	CFTI4med	MM	45,501	9,589		6-7	bx	4,93	0,46	Mdm	CFTI4med	11	6-7	45,501	9,589	1,619	2,082	bx0	6-7	4,93	0,46	bxn	17810910_1130_000	673
904	MA	1784	3	30	11			Oltrepò Pavese	CFTI4med	MM	44,776	9,183		5	bx	4,16	0,46	Mdm	CFTI4med	1	5	44,776	9,183			bx0	5	4,16	0,46	bx1	17840330_1100_000	
921	MA	1786	4	7	0	15		Pianura lombarda	CAMA014	MM	45,267	9,55		6-7	bx	5,22	0,39	Mdm	CAMA014	10	7-8	45,267	9,55	23,851	11,191	bx0	6-7	5,22	0,39	bxn	17860407_0025_000	701
972	MA	1799	5	29	19			Bresciano	ENEL985	MM	45,404	10,27		6-7	bx	5,04	0,51	Mdm	ENEL985	12	6-7	45,404	10,27	10,122	8,302	bx0	6-7	5,04	0,51	bxn	17990529_1900_000	743
980	MA	1802	5	12	9	30		Valle dell'Oglio	ALBRV010	MM	45,424	9,839		8	bx	5,6	0,14	Mdm	ALBRV010	94	8-9	45,424	9,839	1,368	1,468	bx0	8	5,6	0,14	bxn	18020512_0930_000	750
1062	MA	1824	2	4	21	50		Oltrepò Pavese	CFTI4med	MM	44,92	9,126		5	bx	4,49	0,47	Mdm	CFTI4med	8	5	44,92	9,126	8,49	10,241	bx0	5	4,49	0,47	bxn	18240204_2150_000	



Comune di Ponte San Pietro
Piano Comunale di Emergenza



Ing. Mario Stevanin

Aggiornamento Maggio 2019

Allegato 10

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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
1068	MA	1826	6	24	12	15		Garda occidentale	CAMAL011a	MM	45,606	10,522		5	bx	4,62	0,22	Mdm	CAMAL011a	20	D	45,606	10,522			bxM	5	4,62	0,22	bxn	18260624_1215_000	816
1071	MA	1826	11	11	4	28		Pavia	CFTI4med	MM	45,185	9,155		5	bx	4,16	0,46	Mdm	CFTI4med	1	5	45,185	9,155			bx0	5	4,16	0,46	bxl	18261111_0428_000	
1082	MA	1828	10	9	2	20		Oltrepò Pavese	CFTI4med	MM	44,821	9,047		8	bx	5,72	0,1	Mdm	CFTI4med	110	8	44,821	9,047	2,948	2,042	bx0	8	5,72	0,1	bxn	18281009_0220_000	829
1087	MA	1829	9	6	19	30		Cremona	ENEL985	MM	45,135	10,023		5-6	bx	4,4	0,46	Mdm	ENEL985	2	6-7	45,135	10,023			bx0	5-6	4,4	0,46	bxl	18290906_1930_000	834
1158	MA	1839	8	9	8	45		Brescia	SGA002	MM	45,539	10,22		5	bx	4,16	0,46	Mdm	SGA002	1	5	45,539	10,22			bx0	5	4,16	0,46	bxl	18390809_0845_000	888
1184	MA	1845	1	20	5	15		Valle Scrivia	CFTI4med	MM	44,781	8,999		4	bx	3,7	0,46	Mdm	CFTI4med	2	5	44,781	8,999			bx0	4	3,7	0,46	bxl	18450120_0515_000	
1213	MA	1851	2	5	9	50		Valtellina	CAMAL011b	MM	46,157	9,768		5	bx	4,72	0,27	Mdm	CAMAL011b	30	5-6	46,157	9,768	13,61	16,915	bx0	5	4,72	0,27	bxn	18510205_0950_000	
1418	MA	1879	2	14				Garda occidentale	CAMAL011a	MM	45,715	10,127		5	bx	4,62	0,39	Mdm	CAMAL011a	13	5	45,715	10,127	6,856	27,546	bx0	5	4,62	0,39	bxn	18790214_0000_000	1094
1460	MA	1882	2	15	5			Val Borbera	CFTI4med	MM	44,66	9,085		6	bx	4,77	0,32	Mdm	CFTI4med	18	6	44,66	9,085	5,442	2,513	bx0	6	4,77	0,32	bxn	18820215_0500_000	1129
1461	MA	1882	2	27	6	30		Valle Seriana	STAL988	MM	45,878	9,926		6-7	bx	4,81	0,23	Mdm	STAL988	37	6-7	45,878	9,926	0,694	2,772	bx0	6-7	4,81	0,23	bxn	18820227_0630_000	1130
1492	MA	1884	9	12	7	23		Pianura lombarda	CFTI4med	MM	45,547	9,77		6	bx	4,7	0,26	Mdm	CFTI4med	34	6	45,547	9,77	4,926	2,938	bx0	6	4,7	0,26	bxn	18840912_0723_000	1159
1498	MA	1885	2	26	20	48		Pianura Padana	ENEL985	MM	45,209	10,169		6	bx	5,01	0,13	Mdm	ENEL985	78	6	45,209	10,169	22,444	39,289	bx0	6	5,01	0,13	bxn	18850226_2048_000	1164
1533	MA	1887	5	20	4	12		Lecchese	ALBAL003	MM	45,827	9,359		5	bx	3,97	0,29	Mdm	ALBAL003	36	5	45,827	9,359	1,379	1,408	bx0	5	3,97	0,29	bxn	18870520_0412_000	1192
1569	MA	1891	5	28	6	15		Alessandrino	CFTI4med	MM	44,714	8,669		5	bx	4,13	0,39	Mdm	CFTI4med	9	5	44,714	8,669	3,49	2,13	bx0	5	4,13	0,39	bxn	18910528_0615_000	
1580	MA	1891	12	22				Valtellina	STAL988	MM	46,139	9,829		5-6	bx	4,41	0,53	Mdm	STAL988	7	5-6	46,139	9,829	5,46	3,022	bx0	5-6	4,41	0,53	bxn	18911222_0000_000	1237
1581	MA	1892	1	5				Garda occidentale	PESAL013	MM	45,592	10,471		6-7	bx	4,96	0,14	Mdm	PESAL013	93	7	45,592	10,471	1,762	4,109	bx0	6-7	4,96	0,14	bxn	18920105_0000_000	1238
1627	MA	1894	11	27	5	7		Bresciano	SGA002	MM	45,563	10,123		6	bx	4,89	0,1	Mdm	SGA002	183	6	45,563	10,123	3,223	3,777	bx0	6	4,89	0,1	bxn	18941127_0507_000	1282
1740	MA	1898	11	16				Garda occidentale	PESAL013	MM	45,665	10,41		6	bx	4,63	0,34	Mdm	PESAL013	43	6	45,665	10,41	2,369	3,312	bx0	6	4,63	0,34	bxn	18981116_0000_000	1370
1786	MA	1901	1	23	0	17	10	Oltrepò Pavese	CFTI4med	MM	45,034	8,998		5	bx	4,23	0,16	Mdm	CFTI4med	90	5	45,034	8,998	3,506	6,629	bx0	5	4,23	0,16	bxn	19010123_0017_000	
1802	MA	1901	10	30	14	49	58	Garda occidentale	PESAL013	MM	45,584	10,49		7-8	bx	5,44	0,1	Mdm	PESAL013	289	7-8	45,584	10,49	1,14	2,607	bx0	7-8	5,44	0,1	bxn	19011030_1449_000	1420
1808	MA	1902	4	11	1	28	44	Valle Scrivia	CFTI4med	MM	44,856	8,86		4	bx	3,7	0,46	Mdm	CFTI4med	3	5	44,856	8,86	4,503	0,315	bx0	4	3,7	0,46	bxl	19020411_0128_000	
1910	MA	1906	7	14	18	35		Valle Scrivia	CFTI4med	MM	44,734	8,88		5	bx	4,16	0,46	Mdm	CFTI4med	11	5	44,734	8,88	0,862	1,44	bx0	5	4,16	0,46	bxl	19060714_1835_000	
1911	MA	1906	8	2	3	48		Bresciano	CFTI4med	MM	45,552	10,361		4	bx	3,76	0,37	Mdm	CFTI4med	16	5	45,552	10,361	3,312	1,746	bx0	4	3,76	0,37	bxn	19060802_0348_000	
1913	MA	1906	8	25	3	11		Parmense	CFTI4med	MM	44,812	10,079		5	bx	4,25	0,33	Mdm	CFTI4med	31	5	44,812	10,079	0,389	7,928	bx0	5	4,25	0,33	bxn	19060825_0311_000	
1951	MA	1908	5	24	8	37		Piemonte centro- settentrionale	CAMAL015	MM	45,464	8,074		4	bx	4,1	0,28	Mdm	CAMAL015	36	4	45,464	8,074	4,702	21,241	bx0	4	4,1	0,28	bxn	19080524_0736_000	
2003	MA	1909	12	24	18	40		Garda occidentale	CFTI4med	MM	45,571	10,348		5	bx	4,17	0,34	Mdm	CFTI4med	39	5	45,571	10,348	2,458	6,859	bx0	5	4,17	0,34	bxn	19091224_1840_000	
2005	MA	1910	1	23	1	50		Piacentino	CFTI4med	MM	44,857	9,659		5	bx	4,39	0,17	Mdm	CFTI4med	118	5	44,857	9,659	1,624	5,41	bx0	5	4,39	0,17	bxn	19100123_0150_000	1586
2022	MA	1910	9	6	3	20		Appennino ligure	CFTI4med	MM	44,548	9,392		5	bx	4,13	0,26	Mdm	CFTI4med	19	5	44,548	9,392	4,741	8,493	bx0	5	4,13	0,26	bxn	19100906_0320_000	
2067	MA	1912	10	1	18	10		Piacenza	CFTI4med	MM	45,052	9,693		4	bx	3,7	0,46	Mdm	CFTI4med	23	5	45,052	9,693			bx0	4	3,7	0,46	bxl	19121001_1810_000	
2075	MA	1913	3	27	2	25	44	Val Trebbia	CFTI4med	MM	44,895	9,327		4-5	bx	4,24	0,19	Mdm	CFTI4med	58	5	44,895	9,327	16,902	8,031	bx0	4-5	4,24	0,19	bxn	19130327_0225_000	
2090	MA	1913	12	7	1	28		Valle Scrivia	AMGNDT995	MM	44,744	8,862		5	bx	4,57	0,13	Wmim	AMGNDT995	56	5	44,744	8,862	16,273	10,881	bx0	5	4,46	0,17	bxn	19131207_0128_000	1655;1656
2208	MA	1918	1	13	12			Pianura lombarda	MOLAL008	MM	45,455	8,842		4	bx	4,62	0,16	Wmim	MOLAL008	24	4-5	45,455	8,842	9,876	2,945	bx0	4	4,22	0,21	bxn	19180113_1200_000	1756
2217	MA	1918	4	24	14	21		Lecchese	AMGNDT995	MM	45,813	9,457		6	bx	4,95	0,12	Wmim	AMGNDT995	34	6	45,813	9,457	3,809	3,5	bx4	6	4,74	0,24	bxn	19180424_1421_000	1763
2221	MA	1918	7	19	19	3		Mantovano	AMGNDT995	MM	45,326	10,438		4	bx	4,06	0,38	Mdm	AMGNDT995	8	4	45,326	10,438	15,752	3,372	bx0	4	4,06	0,38	bxn	19180719_1903_000	1766
2245	MA	1919	11	23	1	50		Bresciano	AMGNDT995	MM	45,655	10,246		4	bx	4,79	0,2	Wmim	AMGNDT995	9	4-5	45,655	10,246	5,84	8,453	bx0	4	3,92	0,39	bxn	19191123_0150_000	1788
2280	MA	1921	11	29	12	4		Val di Taro	AMGNDT995	MM	44,634	9,703		4	bx	4,15	0,32	Mdm	AMGNDT995	10	5	44,634	9,703	16,233	20,537	bx4	4	4,15	0,32	bxn	19211129_1204_000	1818



Comune di Ponte San Pietro

Piano Comunale di Emergenza



Ing. Mario Stevanin

Aggiornamento Maggio 2019

Allegato 10

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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
2303	MA	1923	11	9	13	22		Ticino, Bellinzona	ECOS-09	PC	46,22	9		5	pc	4,3	0,5	Mpc													19231109_1322_000	
2484	MA	1934	3	23	1	46	50	Lago d'Iseo	MOLAL008	MM	45,803	10,044		5	bx	4,31	0,31	Mdm	MOLAL008	16	5-6	45,803	10,044	9,021	8,981	bx0	5	4,31	0,31	bxn	19340323_0146_000	1978
2563	MA	1940	5	1	9	36	5	Parmense	BCIS	II	44,8	10,183				5,06	0,24	InsC												19400501_0936_000	2044	
2604	MA	1945	6	14	5	3	45	Oltrepò Pavese	CFTI4med	MI	44,817	9,146		6-7	bx	4,78	0,19	Wmim	CFTI4med	6	6-7	44,817	9,146	0,791	1,562	bx0	6-7	4,9	0,34	bxn	19450614_0503_000	2077
2605	MA	1945	6	29	15	37	13	Oltrepò Pavese	CFTI4med	MM	44,83	9,131		7-8	bx	5,1	0,16	Wmim	CFTI4med	31	7-8	44,83	9,131	1,019	1,254	bx0	7-8	5,25	0,22	bxn	19450629_1537_000	2078
2606	MA	1945	12	15	5	27		Oltrepò Pavese	ENEL985	MM	44,831	9,116		6	bx	4,72	0,53	Mdm	ENEL985	12	6	44,831	9,116	0,834	6,348	bx0	6	4,72	0,53	bxn	19451215_0527_000	2079
2627	MA	1947	12	25	20	42	34	Brescia	MOLAL008	MM	45,539	10,22		4	bx	3,7	0,46	Mdm	MOLAL008	2	5	45,539	10,22			bx0	4	3,7	0,46	bxn	19471225_2042_000	2096
2681	MA	1951	5	15	22	54		Lodigiano	CAMA014	MI	45,226	9,62		6-7	bx	5,17	0,08	Wmim	CAMA014	179	6-7	45,226	9,62	5,134	5,026	bx0	6-7	5,17	0,1	bxn	19510515_2254_000	2137
2699	MA	1952	8	22	2	25	31	Lomellina	MOLAL008	MM	45,105	8,846		4	bx	4,11	0,33	Mdm	MOLAL008	21	4-5	45,105	8,846	8,767	13,453	bx0	4	4,11	0,33	bxn	19520822_0225_000	2152
2715	MA	1954	7	16	0	5		Appennino piacentino	CFTI4med	MM	44,648	9,585		4	bx	3,7	0,46	Mdm	CFTI4med	4	5	44,648	9,585	0,5	1,424	bx0	4	3,7	0,46	bxn	19540716_0005_000	
2726	MA	1955	3	12	6	57	4	Parmense	CFTI4med	MM	44,798	10,173		5	bx	4,15	0,42	Mdm	CFTI4med	15	5	44,798	10,173	5,801	2,869	bx0	5	4,15	0,42	bxn	19550312_0657_000	
2839	MA	1961	8	14	1	3	2	Parmense	CFTI4med	MM	44,812	10,153		5-6	bx	4,47	0,39	Mdm	CFTI4med	14	5-6	44,812	10,153	4,281	4,821	bx0	5-6	4,47	0,39	bxn	19610814_0103_000	2262
2842	MA	1961	11	23	1	12	5	Prealpi bergamasche	MOLAL008	MM	45,76	9,589		6-7	bx	4,86	0,11	Mdm	MOLAL008	119	D	45,76	9,589	3,338	2,337	bx0	6-7	4,86	0,11	bxn	19611123_0112_000	2265
2986	MA	1969	6	24	13	25	18	Parmense	CFTI4med	MI	44,731	10,139		5	bx	4,21	0,28	Wmim	CFTI4med	15	5-6	44,731	10,139	10,147	9,977	bx0	5	4,19	0,38	bxn	19690624_1325_000	2382
3002	MA	1970	4	19	18	16	32	Garda occidentale	MOLAL008	MI	45,605	10,527		5	bx	4,55	0,16	Wmim	MOLAL008	65	5	45,605	10,527	1,478	3,587	bx0	5	4,33	0,23	bxn	19700419_1816_000	2393
3022	MA	1971	1	6	11	10	55	Oltrepò Pavese	CFTI4med	MM	45,05	9,238		4-5	bx	3,85	0,34	Mdm	CFTI4med	23	5-6	45,05	9,238	2,839	4,603	bx0	4-5	3,85	0,34	bxn	19710106_1110_000	2412
3068	MA	1973	6	5	13	47	25,36	Appennino piacentino	ISC	II	44,672	9,479	50,3			4,28	0,23	InsC												19730605_1347_000	2453	
3118	MA	1975	11	13	19	55	14	Appennino piacentino	CFTI4med	MI	44,659	9,626		5-6	bx	4,36	0,21	Wmim	CFTI4med	7	5-6	44,659	9,626	8,006	7,299	bx0	5-6	4,73	0,53	bxn	19751113_1955_000	2497
3119	MA	1975	11	16	13	4	25,14	Appennino piacentino	ISC	IM	44,749	9,519	20,1	4-5	bx	4,93	0,14	Wmim	AMGNDT995	10	5-6	44,976	9,479	54,263	22,654	bx0	4-5	4,65	0,34	bxn	19751116_1304_000	2498
3212	MA	1979	2	9	14	44		Bergamasco	SGA002	MI	45,637	9,555		6	bx	4,78	0,11	Wmim	SGA002	73	6	45,637	9,555	1,132	1,982	bx0	6	4,81	0,15	bxn	19790209_1444_000	2563
3223	MA	1979	11	17	20	53		Lago d'Iseo	CAMAL015	MI	45,745	9,994		5-6	bx	4,37	0,18	Wmim	CAMAL015	17	5-6	45,745	9,994	6,2	3,569	bx0	5-6	4,61	0,41	bxn	19791117_2053_000	
3300	MA	1980	12	23	12	1	6	Piacentino	MOLAL008	MI	44,808	9,787		6-7	bx	4,57	0,1	InsO	MOLAL008	69	6-7	44,808	9,787	4,714	2,908	bx0	6-7	5,06	0,15	bxn	19801223_1201_000	2633
3359	MA	1983	1	3	17	3	4,77	Valsassina	CSTI1.1	II	45,965	9,424	61,3			4,27	0,16	InsC												19830103_1703_000		
3450	MA	1985	7	10	13	53	29,3	Appennino parmense	CSTI1.1	IM	44,558	9,672	12,9	5-6	bx	3,76	0,23	Wmim	BMING987a	1	5-6	44,63	9,73			bx0	5-6	4,4	0,46	bxn	19850710_1353_000	
3452	MA	1985	7	21	6	16	44,76	Appennino parmense	CSTI1.1	IM	44,608	9,616	4,8	5-6	bx	3,67	0,23	Wmim	BMING987a	1	5-6	44,63	9,73			bx0	5-6	4,4	0,46	bxn	19850721_0616_000	
3453	MA	1985	8	8	19	5	17,01	Appennino parmense	CSTI1.1	IM	44,565	9,659	11	5	bx	3,66	0,16	Wmim	BMING987a	2	6	44,63	9,73			bx0	5	4,16	0,46	bxn	19850808_1905_000	
3456	MA	1985	8	15	18	58	3,78	Appennino parmense	CSTI1.1	IM	44,605	9,63	4,6	7	bx	4,51	0,16	Wmim	CFTI4med	7	7	44,636	9,684	0,833	1,277	bx0	7	5,04	0,54	bxn	19850815_1858_000	2733
3488	MA	1986	5	12	13	3	49,08	Appennino parmense	CSTI1.1	IM	44,596	9,624	6,4	5	bx	3,8	0,16	Wmim	BMING987b	2	6	44,63	9,73			bx0	5	4,16	0,46	bxn	19860512_1303_000	
3536	MA	1987	7	21	15	16	47,69	Lomellina	CSTI1.1	II	45,098	8,731	10			4,82	0,33	InsC												19870721_1516_000		
3595	MA	1989	9	13	21	54	35,3	Alessandrino	CSTI1.1	II	44,856	8,673	10			4,55	0,24	InsC												19890913_2154_000		
3670	MA	1991	10	31	9	31	18,63	Emilia occidentale	CSTI1.1	IM	44,939	9,997	9,9	5	bx	4,33	0,1	Wmim	BMING994	134	5-6	44,94	10,007	6,97	3,298	bx0	5	4,17	0,14	bxn	19911031_0931_000	2835
3726	MA	1993	12	9	18	16	50,88	Lago d'Iseo	CSTI1.1	IM	45,773	10,167	1	5	bx	4,11	0,08	Wmim	BMING998b	175	5-6	45,713	10,166	3,403	3,86	bx0	5	4,18	0,1	bxn	19931209_1816_000	
3780	MA	1995	10	29	13	0	27,69	Lago d'Iseo	CSTI1.1	IM	45,723	9,849	32,5	5-6	bx	4,35	0,08	Wmim	BMING999d	408	5-6	45,709	9,927	2,587	1,835	bx0	5-6	4,35	0,1	bxn	19951029_1300_000	2879
4048	MA	2000	8	21	17	14		Monferrato	BMINGV004b	MI	44,911	8,38		6	bx	4,94	0,07	InsO	BMINGV004b	595	6	44,911	8,38	3,355	3,265	bx0	6	4,74	0,1	bxn	20000821_1714_000	3045
4187	MA	2002	11	13	10	48	3,19	Franciacorta	ISC	IM	45,65	10,141	10	5	bx	4,21	0,07	InsO	BMINGV011	768	5	45,644	10,042	3,797	6,554	bx0	5	4,43	0,1	bxn	20021113_1048_000	3116



Comune di Ponte San Pietro

Piano Comunale di Emergenza



Ing. Mario Stevanin

Aggiornamento Maggio 2019

Allegato 10

Pagina 3

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
4210	MA	2003	4	11	9	26	57,78	Valle Scrivia	BSINGV	IM	44,758	8,868	8,2	6-7	bx	4,81	0,07	InsO	CAMAL003	78	7	44,805	8,906	1,504	1,838	bx0	6-7	4,96	0,17	bxn	20030411_0926_000	3129
4246	MA	2004	11	24	22	59	38,55	Garda occidentale	BSINGV	IM	45,685	10,521	5,4	7-8	bx	4,99	0,07	InsO	BERAL005	176	7-8	45,628	10,492	0,808	1,847	bx0	7-8	5,38	0,1	bxn	20041124_2259_000	3147
4265	MA	2005	4	13	18	46	7,69	Valle del Trebbia	BSINGV	IM	44,69	9,326	3	4	bx	3,68	0,15	Wmim	BMINGV011	163	4	44,763	9,291	6,208	5,854	bx0	4	3,84	0,26	bxn	20050413_1846_000	3160
4266	MA	2005	4	18	10	59	18,56	Valle del Trebbia	BSINGV	IM	44,724	9,348	7,8	4	bx	3,97	0,07	InsO	BMINGV011	284	4	44,698	9,538	1,98	5,284	bx0	4	3,96	0,18	bxn	20050418_1059_000	3161
4320	MA	2007	7	30	19	5	43,08	Pianura emiliana	BSINGV	II	44,898	10,003	20,5			4,45	0,07	InsO													20070730_1905_000	
4409	MA	2009	10	19	10	8	49,64	Piacentino	BSINGV	II	44,814	9,772	23,6			4,12	0,07	InsO													20091019_1008_000	
4461	MA	2011	10	20	6	11	18,86	Appennino ligure	BSINGV	II	44,521	9,393	5,1			4,22	0,07	InsO													20111020_0611_000	
4532	MA	2012	10	3	14	41	29,36	Piacentino	ISIDE	II	44,782	9,67	23,8			4,52	0,07	InsO													20121003_1441_000	



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
TloDef	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 - Mlo = 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



Field	Description
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: - bxn = calculated by Boxer using the isoseismals method - bxi = 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