



**PROGRAMMA OPERATIVO NAZIONALE RICERCA E COMPETITIVITÀ PER LE REGIONI DELLA
CONVERGENZA - 2007/2013 - CCI: 2007IT161PO006**

ASSE I “SOSTEGNO AI MUTAMENTI STRUTTURALI”

**OBIETTIVO OPERATIVO 4.1.1.1. “AREE SCIENTIFICO-TECNOLOGICHE GENERATRICI DI PROCESSI DI
TRASFORMAZIONE DEL SISTEMA PRODUTTIVO E CREATRICI DI NUOVI SETTORI”**

AZIONE II: “INTERVENTI DI SOSTEGNO DELLA RICERCA INDUSTRIALE”

PROGETTO PON01_02710 MASSIMO

AMBITO/SETTORE BENI CULTURALI

CUP B21C11000550005

UNIVERSITÀ DELLA CALABRIA – DIPARTIMENTO DI FISICA

BOLLETTINO

DELLA

SISMICITÀ DELLA CALABRIA

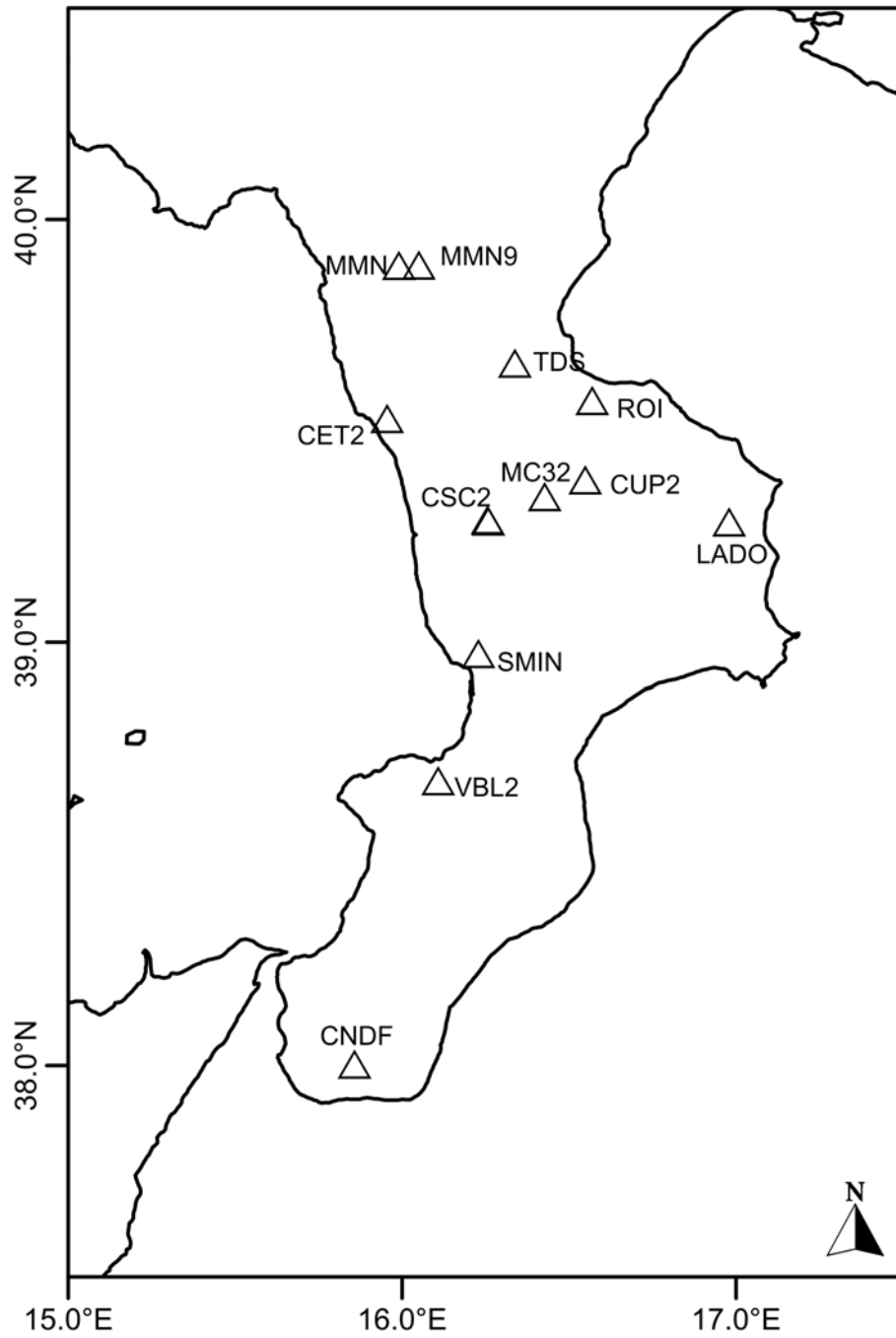
E

DELLE AREE CIRCOSTANTI

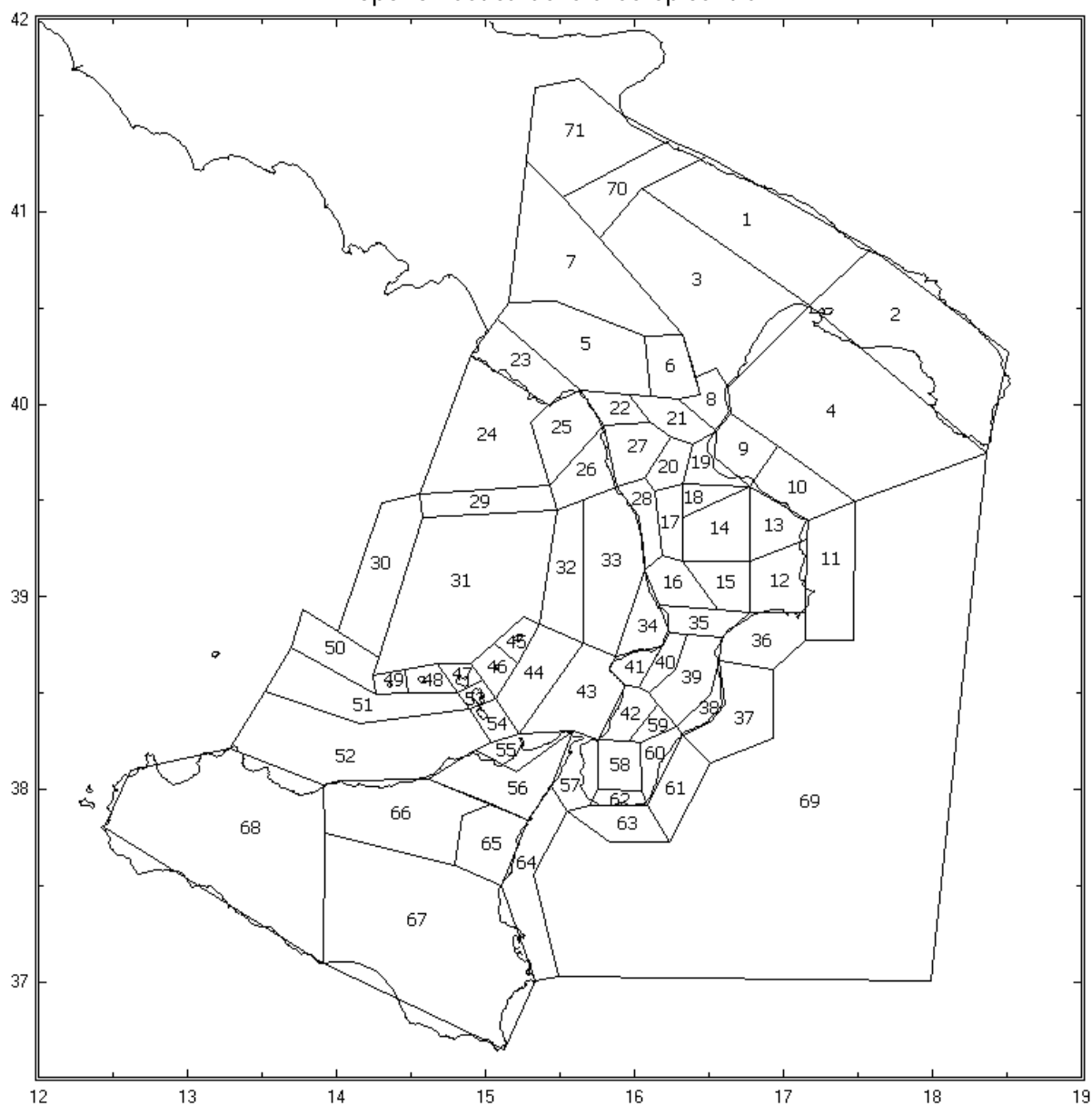
prodotto nell'ambito delle attività dell'O.R. 2.1

Periodo 16-31 Luglio 2014

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali



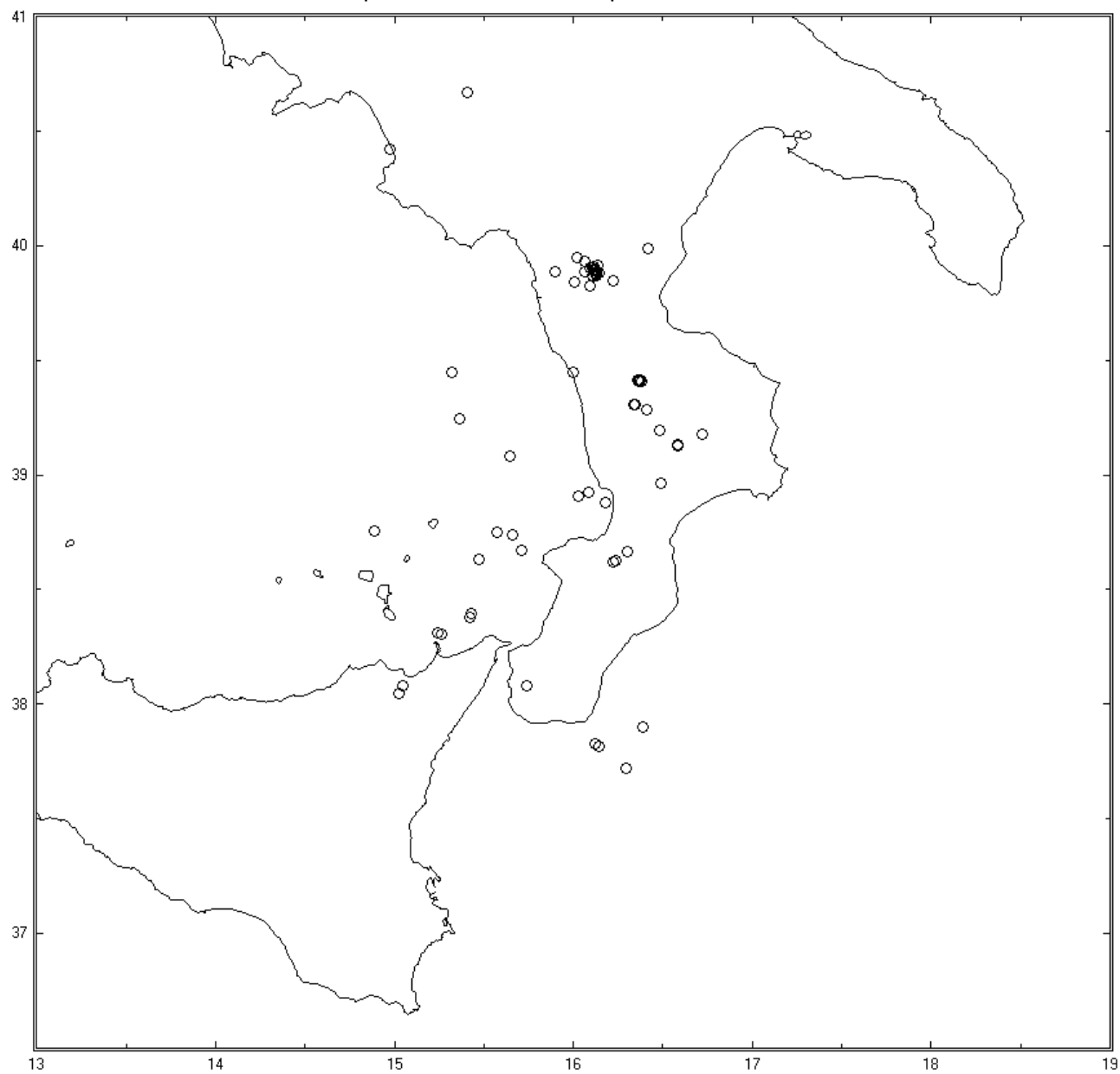
1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	58 Aspromonte
5 Vallo di Diano	23 Cilento	41 Monte Poro	59 Serre meridionali
6 Bacino di Sant'Arcangelo	24 Offshore Cilento	42 Piana di Gioia Tauro	60 Locride
7 Appennino Lucano	25 Golfo di Policastro	43 Bacino di Gioia	61 Offshore Locride
8 Confine calabro-lucano or.	26 Offshore Scalea - Diamante	44 Canyon di Stromboli	62 Aspromonte meridionale
9 Golfo di Sibari	27 Alto Tirreno Cosentino	45 Stromboli	63 Offshore Calabria Meridionale
10 Offshore Cirò	28 Catena Costiera	46 Panarea	64 Coste Sicilia or.
11 Offshore Crotona	29 Vulcani Palinuro ed Entrio	47 Salina	65 Etna
12 Marchesato	30 Vulcano Marsili	48 Filicudi	66 Monti Madonie - Nebrodi
13 Presila Nord-or.	31 Piana Batiale del tirreno	49 Alicudi	67 Sicilia centro-meridionale
14 Sila Grande	32 Scarpata di Paola	50 Seamount Sisifo ed Eolo	68 Sicilia occidentale
15 Sila Piccola	33 Bacino di Paola	51 Bacino di Alicudi	69 Piana batiale ionica
16 Amantea - Monte Reventino	34 Golfo di Sant'Eufemia	52 Bacino di Cefalù	70 Ofanto
17 Valle del Crati	35 Stretta di Catanzaro	53 Lipari	71 Capitanata
18 Sila Greca	36 Golfo di Squillace	54 Vulcano	

Parametri ipocentrali degli eventi localizzati nel periodo di riferimento

Data	Orario		Lat N	LON E	H ₀	m	δlat	δlon	δH ₀	nr	GAP	sqm	δT ₀
	aammgg	hhmm ss.s	°	°	km		km	km	km		°	sec	sec
140716	0718	19.0	39.4081	16.3796	12.0	1.2	0.58	0.54	1.92	22	71	0.33	0.07
140716	1117	50.7	39.1347	16.5862	21.3	1.3	0.79	0.83	1.54	12	151	0.27	0.10
140716	1118	55.6	39.1295	16.5830	22.3	1.3	1.50	1.55	2.80	11	155	0.48	0.20
140717	0750	59.1	39.8455	16.2224	2.7	1.4	1.03	0.82	2.31	13	110	0.51	0.15
140717	1142	6.1	38.6667	16.3043	23.0	1.7	0.44	0.63	1.53	22	119	0.26	0.06
140717	2036	5.2	39.9143	16.1350	8.0	1.6	0.59	0.66	1.73	20	114	0.39	0.11
140717	2043	4.9	39.8817	16.1440	6.3		1.61	2.17	1.36	6	284	0.30	0.45
140718	0058	21.0	39.9300	16.0674	7.3	2.4	0.44	0.62	2.28	46	62	0.51	0.08
140718	0112	45.4	39.9128	16.1356	8.1	0.8	1.15	0.83	2.32	11	174	0.40	0.17
140718	0205	20.7	38.8770	16.1768	48.9	1.7	0.80	1.24	2.44	21	124	0.31	0.10
140718	0453	8.8	39.9067	16.1064	5.1	2.0	0.75	0.70	2.12	20	93	0.47	0.11
140718	0501	48.4	38.3811	15.4226	112.3	2.2	1.59	1.84	2.85	22	110	0.36	0.09
140718	0526	57.2	39.8850	16.1310	5.3	1.3	0.82	0.67	1.72	13	126	0.38	0.12
140718	0634	36.8	39.8976	16.1223	5.6	1.0	0.57	0.58	1.45	13	99	0.32	0.10
140718	0827	2.6	39.4126	16.3721	10.8	1.2	0.47	0.47	1.29	13	101	0.22	0.06
140718	1019	12.8	38.3135	15.2398	111.0	2.2	1.80	1.72	3.16	23	97	0.40	0.12
140718	2240	28.1	40.6695	15.4038	12.8	1.7	0.82	1.39	2.90	18	137	0.50	0.19
140719	0200	49.8	39.9009	16.1178	6.4	1.4	0.49	0.38	1.21	19	93	0.27	0.07
140719	0324	12.1	39.8850	15.8986	43.0	1.5	0.90	1.24	1.96	18	122	0.25	0.06
140719	0437	10.8	38.3065	15.2637	111.7	2.5	1.30	1.55	3.20	37	95	0.40	0.09
140719	0821	38.5	39.0829	15.6432	89.0	2.0	0.98	1.86	3.18	29	170	0.40	0.12
140719	1048	36.0	39.4139	16.3686	11.4	1.2	0.39	0.35	1.31	21	73	0.23	0.05
140719	1124	7.7	39.4462	15.3185	266.3	2.8	2.32	3.69	3.39	25	211	0.41	0.20
140719	1413	8.0	38.6239	16.2386	21.5	1.7	0.47	0.66	1.74	20	101	0.30	0.07
140719	1835	46.9	38.7406	15.6569	154.3	2.4	1.23	2.00	3.46	45	129	0.42	0.08
140721	0034	53.9	39.8281	16.0942	0.0		0.18	0.60	0.38	6	227	0.08	0.09
140721	0105	18.9	37.9001	16.3918	39.0	2.4	1.19	1.62	3.77	57	204	0.48	0.18
140721	0137	9.5	40.4246	14.9720	0.0	2.1	0.96	1.67	2.63	36	176	0.58	0.23
140721	0231	47.4	38.6233	16.2257	22.7	1.6	0.79	1.15	2.69	25	98	0.46	0.13
140721	0331	52.1	39.8898	16.1300	4.9	1.1	0.90	0.71	2.23	15	97	0.50	0.13
140721	1218	0.1	39.9105	16.1124	5.6	0.7	0.76	0.62	1.70	12	98	0.38	0.12
140721	1822	17.8	37.7204	16.2931	38.4	2.7	1.05	1.39	3.30	42	221	0.42	0.18
140722	0821	30.7	39.1921	16.4842	20.5	2.7	0.44	0.63	2.60	53	64	0.45	0.07
140723	0641	51.4	38.6735	15.7134	283.3	3.6	1.44	0.72	4.96	80	85	0.58	0.07
140724	0104	54.8	38.7502	15.5729	155.0	2.0	1.37	3.25	2.80	22	179	0.34	0.12
140724	0112	50.1	38.0790	15.0486	39.8	3.0	0.51	0.63	3.20	101	38	0.49	0.05
140724	0205	12.4	38.0465	15.0258	37.4	2.2	0.54	0.62	1.81	31	54	0.28	0.06
140724	1936	7.5	38.9617	16.4907	0.4	1.0	0.85	0.36	0.81	10	136	0.18	0.11
140724	2147	23.9	39.9483	16.0219	7.5	1.2	1.22	1.29	2.98	12	132	0.51	0.16
140724	2245	30.8	39.4146	16.3629	3.1		1.00	0.95	2.29	11	115	0.39	0.16
140724	2331	44.3	39.2829	16.4130	16.0	1.2	0.38	0.32	1.41	31	66	0.24	0.05
140724	2352	36.2	39.8743	16.1261	5.0	1.3	0.76	0.71	1.91	15	121	0.42	0.13
140725	0626	37.0	37.8245	16.1239	95.5	2.0	4.71	6.04	4.73	17	217	0.59	0.34
140725	0720	19.4	38.3935	15.4280	116.7	2.6	1.16	1.44	3.23	40	112	0.40	0.08
140725	1106	44.5	39.9875	16.4154	61.9		17.57	11.50	7.26	6	254	0.91	1.50
140725	1632	1.2	39.8886	16.0664	3.9	1.5	0.57	0.36	1.83	20	78	0.41	0.10
140726	0022	26.7	39.3061	16.3408	9.3	1.1	0.46	0.35	1.50	25	83	0.26	0.06
140726	1246	47.6	39.4462	15.9989	14.5	2.0	0.35	0.48	2.01	54	103	0.31	0.05
140726	2258	47.1	38.6296	15.4713	157.6	2.2	1.66	2.73	3.24	36	180	0.39	0.14
140727	0116	9.4	38.0797	15.7424	4.6	1.5	0.66	0.47	1.45	11	82	0.25	0.08
140727	0743	13.7	39.3079	16.3427	11.4	2.1	0.35	0.43	2.08	45	51	0.36	0.05
140727	1108	11.0	39.4098	16.3635	11.6	1.4	0.41	0.41	1.81	31	74	0.31	0.06
140728	0530	22.3	38.9067	16.0248	39.9	1.9	0.99	2.74	3.26	16	142	0.42	0.11
140728	1400	4.7	39.2458	15.3621	287.7	3.8	1.19	1.79	4.33	109	105	0.50	0.06
140728	2100	23.4	38.7549	14.8911	289.9	2.9	2.23	2.42	3.56	49	153	0.41	0.10
140728	2157	54.8	37.8158	16.1446	31.4	2.3	0.94	2.28	2.79	24	220	0.43	0.24
140728	2215	24.6	39.8405	16.0097	3.1		0.17	0.45	0.47	6	156	0.08	0.03

Data	Orario		Lat N	LON E	H₀	m	δlat	δlon	δH₀	nr	GAP	sqm	δT₀
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
140729	2356	5.7	38.9244	16.0889	23.4	1.8	0.44	0.85	2.00	29	143	0.34	0.09
140730	2136	55.6	39.8939	16.1208	5.2	1.2	0.59	0.59	1.66	16	97	0.37	0.10
140731	0113	0.8	39.1782	16.7220	20.3	2.1	0.51	0.66	1.99	29	102	0.34	0.09
140731	0329	28.6	39.9030	16.0926	12.9	3.5	0.54	0.75	2.97	56	57	0.51	0.07
140731	0333	55.0	39.8720	16.1285	5.2	1.2	1.19	0.97	2.57	13	120	0.57	0.18
140731	0335	34.4	39.8958	16.1217	4.4	1.0	0.97	0.62	1.62	8	163	0.36	0.15
140731	0401	56.0	39.8721	16.1061	5.8	1.2	1.18	0.73	1.84	10	149	0.41	0.14
140731	0412	41.8	39.8845	16.1272	5.5	1.1	0.61	0.55	1.78	18	99	0.39	0.10
140731	0443	28.7	39.8830	16.1192	6.2	1.4	0.90	0.70	1.78	15	120	0.39	0.12

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 140716 0718 18.9 - Sila Grande
 Lat: 39.40 Lon: 16.37 Prof: 12.0 Km
 ± 0.58 km ± 0.54 km ± 1.9 km
 RMS: 0.33s GAP: 71.2° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	18	21.82	8.20	150.1	-0.111
MC32	S	18	23.57	8.20	150.1	-0.526
CUP2	P	18	22.85	14.77	100.5	0.164
CUP2	S	18	25.61	14.77	100.5	0.208
CSC2	P	18	23.42	17.11	217.8	0.555
CSC2	S	18	26.51	17.11	217.8	0.801
TDS	P	18	24.43	28.13	352.5	-0.132
TDS	S	18	28.50	28.13	352.5	-0.151
ROI	P	18	24.52	24.42	41.8	0.302
ROI	S	18	28.52	24.42	41.8	0.470
CET2	P	18	26.29	38.94	290.2	-0.292
CET2	S	18	32.01	38.94	290.2	-0.139

2 140716 1117 50.6 - Sila Piccola
 Lat: 39.13 Lon: 16.58 Prof: 21.3 Km
 ± 0.79 km ± 0.83 km ± 1.5 km
 RMS: 0.27s GAP: 151.7° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	18	0.07	48.55	358.1	-0.323
ROI	S	18	7.95	48.55	358.1	0.426

3 140716 1119 55.5 - Sila Piccola
 Lat: 39.12 Lon: 16.58 Prof: 22.3 Km
 ± 1.50 km ± 1.55 km ± 2.8 km
 RMS: 0.48s GAP: 155.2° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	19	4.65	49.11	358.4	-0.821
ROI	S	19	13.57	49.11	358.4	0.867

4 140717 0751 59.0 - Catena del Pollino
 Lat: 39.84 Lon: 16.22 Prof: 2.7 Km
 ± 1.03 km ± 0.82 km ± 2.3 km
 RMS: 0.51s GAP: 110.5° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	51	3.70	20.46	284.3	-0.005
MMN	S	51	7.10	20.46	284.3	0.016
TDS	P	51	4.22	22.89	154.5	0.003
TDS	S	51	8.50	22.89	154.5	0.527
CET2	P	51	7.19	42.00	213.3	-0.700
CET2	S	51	13.66	42.00	213.3	-0.668
ROI	P	51	8.04	42.52	135.5	-0.066

5 140717 1142 06.1 - Serre centro-sett.
 Lat: 38.66 Lon: 16.30 Prof: 23.0 Km
 ± 0.44 km ± 0.63 km ± 1.5 km
 RMS: 0.26s GAP: 119.6° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	42	11.52	17.10	272.7	0.184
VBL2	S	42	14.99	17.10	272.7	-0.167
SMIN	P	42	13.85	34.63	349.0	0.246
SMIN	S	42	19.24	34.63	349.0	0.151
CET2	P	42	23.05	100.38	342.5	-0.271

6 140717 2036 05.2 - Catena del Pollino
 Lat: 39.91 Lon: 16.13 Prof: 8.0 Km
 ± 0.59 km ± 0.66 km ± 1.7 km
 RMS: 0.39s GAP: 114.2° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	36	7.71	7.65	251.1	0.046
MMN9	S	36	8.94	7.65	251.1	-0.507
MMN	P	36	8.35	12.61	258.2	0.026
MMN	S	36	10.57	12.61	258.2	-0.018
CET2	P	36	13.95	45.51	200.0	-0.003
CET2	S	36	19.91	45.51	200.0	-0.435

7 140717 2043 04.8 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.14 Prof: 6.3 Km
 ± 1.61 km ± 2.17 km ± 1.4 km
 RMS: 0.30s GAP: 284.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	43	7.54	8.08	278.1	0.240
MMN9	S	43	8.81	8.08	278.1	-0.262
MMN	P	43	8.18	13.15	274.5	0.016
MMN	S	43	10.54	13.15	274.5	-0.033
CET2	P	43	13.02	42.41	202.6	-0.260
CET2	S	43	19.74	42.41	202.6	0.301

8 140718 0058 21.0 - Maratea - Rotonda
 Lat: 39.93 Lon: 16.06 Prof: 7.3 Km
 ± 0.44 km ± 0.62 km ± 2.3 km
 RMS: 0.51s GAP: 62.4° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	58	22.82	4.47	199.1	-0.244
MMN9	S	58	23.99	4.47	199.1	-0.555
MMN	P	58	23.46	7.86	236.6	-0.019
MMN	S	58	25.24	7.86	236.6	-0.022
TDS	P	58	28.27	37.90	142.4	0.033
TDS	S	58	34.48	37.90	142.4	0.971
CET2	P	58	29.00	45.57	192.4	-0.860
ROI	P	58	32.39	58.57	132.7	0.191
ROI	S	58	40.97	58.57	132.7	0.604
CSC2	P	58	34.56	73.31	167.2	0.256
CSC2	S	58	44.65	73.31	167.2	0.629
SCOI	P	58	35.23	72.96	167.2	0.992
SCOI	S	58	44.53	72.96	167.2	0.630
SMIN	P	58	39.86	107.15	172.6	-0.295
SMIN	S	58	53.34	107.15	172.6	-0.810

9 140718 0112 45.4 - Catena del Pollino
 Lat: 39.91 Lon: 16.13 Prof: 8.1 Km
 ± 1.15 km ± 0.83 km ± 2.3 km
 RMS: 0.40s GAP: 174.0° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	12	48.49	12.63	259.0	-0.039
MMN	S	12	50.41	12.63	259.0	-0.395
CET2	P	12	54.07	45.37	200.1	-0.059
CET2	S	13	-0.11	45.37	200.1	-0.610

10 140718 0205 20.6 - G. di S. Eufemia
 Lat: 38.87 Lon: 16.17 Prof: 48.9 Km
 ± 0.80 km ± 1.24 km ± 2.4 km
 RMS: 0.31s GAP: 124.0° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	05	28.69	11.54	22.8	-0.186
SMIN	S	05	34.38	11.54	22.8	-0.498
CSC2	P	05	31.38	45.97	8.8	-0.072
CSC2	S	05	39.50	45.97	8.8	0.156
SCOI	P	05	31.75	46.28	8.6	0.273
SCOI	S	05	39.87	46.28	8.6	0.485
CET2	P	05	34.17	74.86	345.3	0.265
CET2	S	05	43.81	74.86	345.3	0.220

11 140718 0453 08.7 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.10 Prof: 5.1 Km
 ± 0.75 km ± 0.70 km ± 2.1 km
 RMS: 0.47s GAP: 93.6° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	53	11.59	10.06	260.0	0.234
MMN	S	53	13.00	10.06	260.0	-0.257
TDS	P	53	16.38	33.84	144.2	0.863
CET2	P	53	17.16	43.93	197.4	-0.420
ROI	P	53	19.94	54.37	133.1	0.448
ROI	S	53	27.28	54.37	133.1	-0.072

12 140718 0502 48.3 - Bacino di Gioia
 Lat: 38.38 Lon: 15.42 Prof: 112.3 Km
 ± 1.59 km ± 1.84 km ± 2.9 km
 RMS: 0.36s GAP: 110.4° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	02	6.03	56.64	138.1	0.028
CNDF	S	02	19.46	56.64	138.1	0.566
CET2	P	02	12.85	135.50	20.2	0.787

13 140718 0527 57.1 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.13 Prof: 5.3 Km
 ± 0.82 km ± 0.67 km ± 1.7 km
 RMS: 0.38s GAP: 126.8° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	27	0.38	12.02	273.2	0.214
MMN	S	27	2.12	12.02	273.2	-0.246
CET2	P	27	5.71	42.34	201.1	0.022
CET2	S	27	11.01	42.34	201.1	-0.924

14 140718 0634 36.8 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.12 Prof: 5.6 Km
 ± 0.57 km ± 0.58 km ± 1.4 km
 RMS: 0.32s GAP: 99.7° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	34	39.79	11.28	266.3	0.062
MMN	S	34	41.84	11.28	266.3	-0.002
CET2	P	34	45.43	43.40	199.5	-0.075
CET2	S	34	51.10	43.40	199.5	-0.752

15 140718 0827 02.6 - Sila Grande
 Lat: 39.41 Lon: 16.37 Prof: 10.8 Km
 ± 0.47 km ± 0.47 km ± 1.3 km
 RMS: 0.22s GAP: 101.5° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
TDS	P	27	8.05	27.56	353.7	0.011
TDS	S	27	11.90	27.56	353.7	-0.110
CET2	P	27	9.82	38.17	289.8	-0.223
CET2	S	27	15.80	38.17	289.8	0.318

16 140718 1019 12.7 - Canyon di Stromboli
 Lat: 38.31 Lon: 15.23 Prof: 111.0 Km
 ± 1.80 km ± 1.72 km ± 3.2 km
 RMS: 0.40s GAP: 97.3° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	19	30.81	64.13	122.9	-0.001
CNDF	S	19	44.41	64.13	122.9	0.417
CET2	P	19	38.63	148.47	25.1	0.851

17 140718 2240 28.0 - Appennino Lucano
 Lat: 40.66 Lon: 15.40 Prof: 12.8 Km
 ± 0.82 km ± 1.39 km ± 2.9 km
 RMS: 0.50s GAP: 137.7° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	40	50.92	135.08	160.0	0.252
CET2	S	41	7.85	135.08	160.0	0.648

18 140719 0200 49.7 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.11 Prof: 6.4 Km
 ± 0.49 km ± 0.38 km ± 1.2 km
 RMS: 0.27s GAP: 93.8° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	00	52.09	5.85	260.2	0.203
MMN9	S	00	53.20	5.85	260.2	-0.231
MMN	P	00	52.73	10.93	264.2	0.027
MMN	S	00	54.84	10.93	264.2	0.003
CET2	P	00	58.32	43.62	198.8	-0.069
CET2	S	01	3.98	43.62	198.8	-0.707

19 140719 0324 12.1 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 15.89 Prof: 43.0 Km
 ± 0.90 km ± 1.24 km ± 2.0 km
 RMS: 0.25s GAP: 122.9° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	24	19.40	7.89	85.5	-0.292
MMN	S	24	25.49	7.89	85.5	0.263
CET2	P	24	21.33	39.83	173.3	-0.050
CET2	S	24	28.19	39.83	173.3	0.046

20 140719 0437 10.7 - Bacino di Gioia
 Lat: 38.30 Lon: 15.26 Prof: 111.7 Km
 ± 1.30 km ± 1.55 km ± 3.2 km
 RMS: 0.40s GAP: 95.7° NR: 37

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	37	28.81	61.95	123.3	0.093
CNDF	S	37	42.40	61.95	123.3	0.545
SMIN	P	37	32.85	111.91	48.9	-0.277
SMIN	S	37	49.17	111.91	48.9	-0.319
CET2	P	37	36.65	148.33	24.2	0.861
CET2	S	37	54.68	148.33	24.2	0.579

21 140719 0821 38.4 - Scarpata di Paola
 Lat: 39.08 Lon: 15.64 Prof: 89.0 Km
 ± 0.98 km ± 1.86 km ± 3.2 km
 RMS: 0.40s GAP: 170.5° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	21	52.98	52.11	103.7	-0.324
SMIN	S	22	3.69	52.11	103.7	-0.454
CSC2	P	21	53.40	57.71	67.1	-0.265
CSC2	S	22	5.71	57.71	67.1	0.943
CET2	P	21	53.80	56.32	28.8	0.803
CET2	S	22	4.13	56.32	28.8	0.517
TDS	P	21	56.27	87.60	43.2	-0.032
TDS	S	22	9.28	87.60	43.2	-0.051
ROI	P	21	57.74	96.55	55.9	0.568

22 140719 1048 35.9 - Sila Grande
 Lat: 39.41 Lon: 16.36 Prof: 11.4 Km
 ± 0.39 km ± 0.35 km ± 1.3 km
 RMS: 0.23s GAP: 73.8° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	48	39.07	9.24	147.0	0.099
MC32	S	48	40.82	9.24	147.0	-0.327
CSC2	P	48	39.65	17.08	213.9	-0.173
CSC2	S	48	42.90	17.08	213.9	0.278
CUP2	P	48	40.01	15.83	102.2	0.224
CUP2	S	48	42.70	15.83	102.2	0.134
ROI	P	48	41.34	24.60	44.4	0.113
ROI	S	48	45.10	24.60	44.4	0.044
CET2	P	48	43.24	37.84	289.7	-0.151
CET2	S	48	48.56	37.84	289.7	-0.244

23 140719 1124 07.6 - Vulcani Palinuro ed Enotrio
 Lat: 39.44 Lon: 15.31 Prof: 266.3 Km
 ± 2.32 km ± 3.69 km ± 3.4 km
 RMS: 0.41s GAP: 211.0° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	24	44.22	94.52	124.1	-0.429
SMIN	S	25	11.07	94.52	124.1	-0.641
ROI	P	24	45.65	108.46	82.8	0.431
ROI	S	25	13.14	108.46	82.8	0.451
LADO	P	24	46.82	144.25	97.2	-0.157
CNDF	P	24	48.71	166.89	164.1	0.111

24 140719 1413 08.0 - Valle del Mesima
 Lat: 38.62 Lon: 16.23 Prof: 21.5 Km
 ± 0.47 km ± 0.66 km ± 1.7 km
 RMS: 0.30s GAP: 101.8° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	13	13.01	12.65	296.0	0.398
VBL2	S	13	15.94	12.65	296.0	-0.028
SMIN	P	13	16.14	38.75	358.7	0.126
SMIN	S	13	21.59	38.75	358.7	-0.261

25 140719 1836 46.9 - Bacino di Gioia
 Lat: 38.74 Lon: 15.65 Prof: 154.3 Km
 ± 1.23 km ± 2.00 km ± 3.5 km
 RMS: 0.42s GAP: 129.8° NR: 45

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	36	8.39	39.92	100.9	-0.130
VBL2	S	36	24.13	39.92	100.9	-0.204
SMIN	P	36	8.78	55.89	62.7	-0.381
SMIN	S	36	24.90	55.89	62.7	-0.550
CNDF	P	36	10.48	83.69	168.2	-0.031
CNDF	S	36	28.30	83.69	168.2	0.519
CET2	P	36	11.11	91.21	16.7	0.652
CET2	S	36	28.48	91.21	16.7	0.795

35 140724 0105 54.7 - Canyon di Stromboli
 Lat: 38.75 Lon: 15.57 Prof: 155.0 Km
 ± 1.37 km ± 3.25 km ± 2.8 km
 RMS: 0.34s GAP: 179.2° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	05	18.93	86.55	163.7	0.283
CNDF	S	05	36.26	86.55	163.7	0.156
CET2	P	05	19.28	92.51	21.2	0.783

36 140724 0112 50.0 - M. Peloritani
 Lat: 38.07 Lon: 15.04 Prof: 39.8 Km
 ± 0.51 km ± 0.63 km ± 3.2 km
 RMS: 0.49s GAP: 38.3° NR: 01

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	13	4.18	71.47	97.2	0.610
CNDF	S	13	13.48	71.47	97.2	0.031
VBL2	P	13	8.66	113.69	54.9	-0.613
SMIN	P	13	12.25	142.91	46.4	-0.781
SMIN	S	13	29.26	142.91	46.4	-0.575
CET2	P	13	16.16	179.14	26.5	0.250
CET2	S	13	35.79	179.14	26.5	0.969
CSC2	P	13	16.46	170.38	38.5	-0.048
CSC2	S	13	35.50	170.38	38.5	-0.358
SCOI	P	13	16.72	170.56	38.4	0.195
SCOI	S	13	35.64	170.56	38.4	-0.246
MC32	P	13	17.77	184.62	40.8	-0.301
CUP2	P	13	19.50	194.84	42.3	0.150
CUP2	S	13	41.52	194.84	42.3	0.742
TDS	P	13	20.62	208.05	32.9	-0.702
MMN	P	13	22.42	217.06	22.5	-0.168
MMN9	P	13	22.96	219.16	23.8	0.073
MMN9	S	13	46.88	219.16	23.8	-0.025

37 140724 0205 12.3 - M. Peloritani
 Lat: 38.04 Lon: 15.02 Prof: 37.4 Km
 ± 0.54 km ± 0.62 km ± 1.8 km
 RMS: 0.28s GAP: 54.2° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	05	39.35	183.27	26.6	0.436

38 140724 1936 07.4 - Amantea - M.Reventino
 Lat: 38.96 Lon: 16.49 Prof: 0.4 Km
 ± 0.85 km ± 0.36 km ± 0.8 km
 RMS: 0.18s GAP: 136.2° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	36	12.14	22.78	273.1	-0.103
SMIN	S	36	15.73	22.78	273.1	-0.021

39 140724 2147 23.8 - Maratea - Rotonda
 Lat: 39.94 Lon: 16.02 Prof: 7.5 Km
 ± 1.22 km ± 1.29 km ± 3.0 km
 RMS: 0.51s GAP: 132.7° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	47	25.85	6.91	202.9	-0.137
MMN	S	47	27.20	6.91	202.9	-0.332
MMN9	P	47	26.20	6.72	158.9	0.208
MMN9	S	47	27.68	6.72	158.9	0.133

40 140724 2245 30.7 - Sila Grande
 Lat: 39.41 Lon: 16.36 Prof: 3.1 Km
 ± 1.00 km ± 0.95 km ± 2.3 km
 RMS: 0.39s GAP: 115.5° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	45	33.11	9.58	144.8	0.073
MC32	S	45	34.58	9.58	144.8	-0.117
CUP2	P	45	34.08	16.32	102.1	-0.100
CUP2	S	45	36.88	16.32	102.1	0.209
ROI	P	45	36.52	24.88	45.3	0.651
ROI	S	45	38.98	24.88	45.3	-0.623
CET2	P	45	37.85	37.35	289.9	-0.108

41 140724 2331 44.3 - Sila Grande
 Lat: 39.28 Lon: 16.41 Prof: 16.0 Km
 ± 0.38 km ± 0.32 km ± 1.4 km
 RMS: 0.24s GAP: 66.0° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	31	47.82	6.88	9.9	0.050
MC32	S	31	49.84	6.88	9.9	-0.455
SCOI	P	31	48.34	13.52	272.9	0.171
SCOI	S	31	50.89	13.52	272.9	-0.105
CSC2	P	31	48.35	13.39	271.5	0.186
CSC2	S	31	50.95	13.39	271.5	-0.029
CUP2	P	31	48.89	16.13	46.1	0.235
CUP2	S	31	51.97	16.13	46.1	0.136
ROI	P	31	51.37	34.77	22.6	-0.123
ROI	S	31	56.75	34.77	22.6	0.007
SMIN	P	31	51.99	37.94	204.9	0.214
SMIN	S	31	56.82	37.94	204.9	-0.420
TDS	P	31	52.19	42.30	351.1	-0.247
TDS	S	31	58.20	42.30	351.1	-0.183
CET2	P	31	53.35	48.00	304.7	-0.259
CET2	S	32	0.95	48.00	304.7	0.539
LADO	P	31	53.42	48.86	89.6	-0.126
LADO	S	32	0.72	48.86	89.6	0.413
LADO	P	31	53.43	48.86	89.6	-0.118
LADO	S	32	0.80	48.86	89.6	0.491
CET2	P	31	53.50	48.00	304.7	-0.110

42 140724 2352 36.2 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.12 Prof: 5.0 Km
 ± 0.76 km ± 0.71 km ± 1.9 km
 RMS: 0.42s GAP: 121.7° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	52	38.43	6.76	286.9	0.200
MMN9	S	52	39.56	6.76	286.9	-0.142
MMN	P	52	39.14	11.73	279.1	0.010
MMN	S	52	40.79	11.73	279.1	-0.476
CET2	P	52	44.46	41.08	201.1	-0.103
CET2	S	52	50.05	41.08	201.1	-0.621

43 140725 0626 37.0 - Offshore Calabria Meridionale
 Lat: 37.82 Lon: 16.12 Prof: 95.5 Km
 ± 4.71 km ± 6.04 km ± 4.7 km
 RMS: 0.59s GAP: 217.9° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
TDS	P	27	8.11	204.54	5.2	-0.446

44 140725 0720 19.3 - Bacino di Gioia
 Lat: 38.39 Lon: 15.42 Prof: 116.7 Km
 ± 1.16 km ± 1.44 km ± 3.2 km
 RMS: 0.40s GAP: 112.4° NR: 40

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	20	37.53	57.36	139.4	0.013
CNDF	S	20	51.20	57.36	139.4	0.409
SMIN	P	20	40.25	94.78	47.5	-0.287
SMIN	S	20	55.56	94.78	47.5	-0.462
CET2	P	20	44.13	134.03	20.3	0.890
CET2	S	21	1.46	134.03	20.3	0.753
LADO	P	20	47.30	167.06	53.7	0.055

45 140725 1106 44.5 - Confine calabro-lucano orientale
 Lat: 39.98 Lon: 16.41 Prof: 61.9 Km
 ±17.57 km ±11.50 km ± 7.3 km
 RMS: 0.91s GAP: 254.4° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	06	55.61	37.86	253.6	-0.234
CET2	P	06	57.02	64.45	217.8	-0.408
ROI	P	06	57.29	48.00	163.9	0.653
CUP2	P	07	-0.48	68.03	170.2	0.981
LADO	P	07	0.25	91.90	147.9	-0.664
LADO	S	07	12.25	91.90	147.9	-0.650

46 140725 1632 01.1 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.06 Prof: 3.9 Km
 ± 0.57 km ± 0.36 km ± 1.8 km
 RMS: 0.41s GAP: 78.7° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	32	2.28	1.42	284.8	0.298
MMN9	S	32	2.74	1.42	284.8	0.171
MMN	P	32	3.28	6.48	272.3	0.310
MMN	S	32	4.30	6.48	272.3	0.019
CET2	P	32	9.26	41.08	193.6	-0.408
CET2	S	32	15.14	41.08	193.6	-0.739
ROI	P	32	13.02	55.63	129.2	0.726
ROI	S	32	20.79	55.63	129.2	0.361

47 140726 0022 26.7 - Sila Grande
 Lat: 39.30 Lon: 16.34 Prof: 9.3 Km
 ± 0.46 km ± 0.35 km ± 1.5 km
 RMS: 0.26s GAP: 83.6° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	22	29.08	8.52	60.4	-0.283
MC32	S	22	30.76	8.52	60.4	-0.522
SCOI	P	22	29.24	7.51	255.5	0.195
SCOI	S	22	30.73	7.51	255.5	-0.002
CSC2	P	22	29.25	7.49	252.9	0.200
CSC2	S	22	31.11	7.49	252.9	0.369
CUP2	P	22	31.33	19.82	64.2	0.359
CUP2	S	22	34.21	19.82	64.2	0.142
TDS	P	22	33.88	39.22	359.5	-0.177
TDS	S	22	39.40	39.22	359.5	-0.013
SMIN	P	22	33.92	38.25	194.7	-0.020
SMIN	S	22	38.98	38.25	194.7	-0.230
ROI	P	22	34.00	35.44	33.5	0.266
ROI	S	22	39.37	35.44	33.5	0.517
CET2	P	22	34.49	41.44	306.7	-0.198
CET2	S	22	40.46	41.44	306.7	-0.046
CET2	P	22	34.55	41.44	306.7	-0.138
CET2	S	22	40.30	41.44	306.7	-0.206
LADO	P	22	36.89	55.13	92.3	0.088
LADO	S	22	43.75	55.13	92.3	-0.417
LADO	P	22	37.08	55.13	92.3	0.278

48 140726 1246 47.6 - Catena Costiera
 Lat: 39.44 Lon: 15.99 Prof: 14.5 Km
 ± 0.35 km ± 0.48 km ± 2.0 km
 RMS: 0.31s GAP: 103.3° NR: 54

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	46	51.12	9.93	337.6	0.138
CET2	S	46	53.10	9.93	337.6	-0.332
SCOI	P	46	53.77	28.21	128.2	0.424
SCOI	S	46	57.96	28.21	128.2	0.435
TDS	P	46	54.76	37.50	50.9	-0.038
TDS	S	47	-0.27	37.50	50.9	-0.323
MC32	P	46	55.26	38.57	107.1	0.139
MC32	S	47	0.56	38.57	107.1	-0.041
MMN	P	46	56.69	49.37	359.3	-0.124
MMN	S	47	3.73	49.37	359.3	0.194
MMN	P	46	56.70	49.37	359.3	-0.116
MMN	S	47	3.82	49.37	359.3	0.284
CUP2	P	46	56.75	47.81	98.4	0.168
CUP2	S	47	2.87	47.81	98.4	-0.260
ROI	P	46	57.00	50.99	74.1	-0.268
ROI	S	47	3.81	50.99	74.1	-0.512
SMIN	P	46	58.18	56.14	159.4	0.300
SMIN	S	47	5.10	56.14	159.4	-0.277
LADO	P	47	2.56	86.39	101.9	0.011
VBL2	P	47	2.61	86.26	173.8	-0.210
VBL2	S	47	13.79	86.26	173.8	-0.146
LADO	P	47	2.70	86.39	101.9	0.152
LADO	S	47	13.88	86.39	101.9	0.415

49 140726 2259 47.0 - Canyon di Stromboli
 Lat: 38.62 Lon: 15.47 Prof: 157.6 Km
 ± 1.66 km ± 2.73 km ± 3.2 km
 RMS: 0.39s GAP: 180.0° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	59	9.60	55.63	85.2	-0.149

VBL2	S	59	26.23	55.63	85.2	-0.109
SMIN	P	59	10.25	75.99	60.1	-0.536
SMIN	S	59	27.96	75.99	60.1	-0.177
CET2	P	59	12.72	108.22	23.1	0.558
CET2	P	59	12.75	108.22	23.1	0.590
CET2	S	59	31.11	108.22	23.1	0.591
LADO	P	59	15.61	149.53	60.9	-0.397
LADO	S	59	38.12	149.53	60.9	0.938
LADO	P	59	15.63	149.53	60.9	-0.373
ROI	P	59	15.91	141.27	42.4	0.374
ROI	S	59	36.98	141.27	42.4	0.619

50 140727 0116 09.4 - Stretto di Messina
 Lat: 38.07 Lon: 15.74 Prof: 4.6 Km
 ± 0.66 km ± 0.47 km ± 1.4 km
 RMS: 0.25s GAP: 82.7° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	16	12.42	13.16	130.4	0.235
CNDF	S	16	13.99	13.16	130.4	-0.219

51 140727 0743 13.6 - Sila Grande
 Lat: 39.30 Lon: 16.34 Prof: 11.4 Km
 ± 0.35 km ± 0.43 km ± 2.1 km
 RMS: 0.36s GAP: 51.9° NR: 45

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	43	16.38	7.72	254.4	0.110
SCOI	S	43	17.92	7.72	254.4	-0.262
CSC2	P	43	16.39	7.70	251.8	0.113
CSC2	S	43	18.26	7.70	251.8	0.067
MC32	P	43	16.48	8.28	61.0	-0.057
MC32	S	43	18.09	8.28	61.0	-0.555
CUP2	P	43	18.25	19.59	64.5	0.241
CUP2	S	43	21.46	19.59	64.5	0.269
ROI	P	43	20.88	35.19	33.5	0.206
ROI	S	43	25.04	35.19	33.5	-0.768
TDS	P	43	20.99	39.02	359.3	-0.027
TDS	S	43	26.52	39.02	359.3	0.117
CET2	P	43	21.73	41.45	306.3	0.061
CET2	S	43	27.62	41.45	306.3	0.089
LADO	P	43	23.91	54.98	92.5	0.162
LADO	S	43	30.98	54.98	92.5	-0.151
MMN	P	43	26.94	71.43	335.0	0.328
MMN	S	43	35.57	71.43	335.0	-0.521
VBL2	P	43	26.98	73.28	196.1	0.102
VBL2	S	43	36.08	73.28	196.1	-0.473
MMN9	P	43	27.16	69.52	338.9	0.853
MMN9	S	43	34.84	69.52	338.9	-0.725

52 140727 1108 11.0 - Sila Grande
 Lat: 39.40 Lon: 16.36 Prof: 11.6 Km
 ± 0.41 km ± 0.41 km ± 1.8 km
 RMS: 0.31s GAP: 74.9° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	08	13.94	9.12	143.1	-0.074
MC32	S	08	15.54	9.12	143.1	-0.662
SCOI	P	08	14.78	16.25	214.5	0.039
SCOI	S	08	17.41	16.25	214.5	-0.053
CSC2	P	08	14.85	16.45	213.5	0.073
CSC2	S	08	17.53	16.45	213.5	0.004
CUP2	P	08	14.97	16.17	100.3	0.082
CUP2	S	08	17.70	16.17	100.3	-0.014
ROI	P	08	16.16	25.23	44.4	-0.212
ROI	S	08	20.33	25.23	44.4	0.044
TDS	P	08	16.63	27.80	355.3	0.095
TDS	S	08	20.80	27.80	355.3	0.234
CET2	P	08	18.42	37.58	290.6	0.039
CET2	S	08	23.59	37.58	290.6	-0.176
LADO	P	08	20.94	54.89	104.5	-0.161
LADO	S	08	28.86	54.89	104.5	0.383
SMIN	P	08	21.07	49.88	193.5	0.802
SMIN	S	08	26.76	49.88	193.5	-0.274

53 140728 0530 22.2 - G. di S. Eufemia
 Lat: 38.90 Lon: 16.02 Prof: 39.9 Km
 ± 0.99 km ± 2.74 km ± 3.3 km
 RMS: 0.42s GAP: 142.2° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	30	30.15	26.84	164.5	0.146
VBL2	S	30	35.25	26.84	164.5	-0.408
CET2	P	30	34.69	69.33	355.1	0.544
CET2	S	30	43.24	69.33	355.1	0.410

54 140728 1400 04.6 - Piana batiale del Tirreno
 Lat: 39.24 Lon: 15.36 Prof: 287.7 Km
 ± 1.19 km ± 1.79 km ± 4.3 km
 RMS: 0.50s GAP: 105.3° NR: 09

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	00	42.66	59.94	58.8	0.595
CET2	S	01	10.25	59.94	58.8	0.802
SMIN	P	00	42.99	80.81	112.3	-0.434
SMIN	S	01	11.57	80.81	112.3	-0.232
CSC2	P	00	43.16	77.43	86.9	-0.094
CSC2	S	01	10.82	77.43	86.9	-0.686
MMN9	P	00	43.32	92.96	39.8	-0.733
MMN9	S	01	12.96	92.96	39.8	0.070
VBL2	P	00	43.52	90.62	134.8	-0.311
VBL2	S	01	12.97	90.62	134.8	0.463
MMN	P	00	43.58	89.70	37.4	-0.313
MMN	S	01	12.10	89.70	37.4	-0.512
TDS	P	00	44.43	95.68	61.6	0.444
TDS	S	01	13.04	95.68	61.6	0.265
MC32	P	00	44.65	92.50	83.5	0.783
MC32	S	01	12.96	92.50	83.5	0.392
ROI	P	00	45.12	110.08	71.0	0.594
ROI	S	01	14.15	110.08	71.0	0.441
CUP2	P	00	45.24	103.42	81.7	0.955
CUP2	S	01	13.98	103.42	81.7	0.688
LADO	P	00	46.13	139.63	88.3	0.289
LADO	S	01	15.69	139.63	88.3	-0.296

55 140728 2101 23.4 - Piana batiale del Tirreno
 Lat: 38.75 Lon: 14.89 Prof: 289.9 Km
 ± 2.23 km ± 2.42 km ± 3.6 km
 RMS: 0.41s GAP: 153.7° NR: 49

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	01	2.60	106.21	95.3	-0.467
VBL2	S	01	32.26	106.21	95.3	0.163
SMIN	P	01	2.86	118.54	78.6	-0.727
SMIN	S	01	32.75	118.54	78.6	-0.241
CET2	P	01	3.39	125.83	47.5	0.245
CET2	S	01	32.82	125.83	47.5	0.594
CNDF	P	01	3.66	118.69	135.2	0.068
CNDF	S	01	33.84	118.69	135.2	0.850
TDS	P	01	5.96	160.26	51.6	0.092
CUP2	P	01	6.20	159.47	64.4	0.437
CUP2	S	01	37.16	159.47	64.4	0.391
ROI	P	01	7.15	171.05	58.3	0.710
ROI	S	01	37.58	171.05	58.3	-0.351
LADO	P	01	7.60	190.14	72.2	0.080
LADO	S	01	38.99	190.14	72.2	-0.813

56 140728 2158 54.8 - Offshore Calabria Meridionale
 Lat: 37.81 Lon: 16.14 Prof: 31.4 Km
 ± 0.94 km ± 2.28 km ± 2.8 km
 RMS: 0.43s GAP: 220.9° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	58	3.37	32.74	309.6	0.635
CNDF	S	58	8.18	32.74	309.6	-0.339
VBL2	P	58	12.14	95.29	358.1	0.667
VBL2	S	58	22.89	95.29	358.1	-0.769

57 140728 2215 24.6 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 16.00 Prof: 3.1 Km
 ± 0.17 km ± 0.45 km ± 0.5 km
 RMS: 0.08s GAP: 156.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	15	26.22	5.83	343.8	0.055
MMN	S	15	27.22	5.83	343.8	-0.079
MMN9	P	15	26.33	6.68	31.5	-0.005

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	S	15	27.58	6.68	31.5	-0.013
CET2	P	15	31.44	34.92	188.0	0.054
CET2	S	15	36.23	34.92	188.0	-0.104

58 140729 2356 05.6 - G. di S. Eufemia
 Lat: 38.92 Lon: 16.08 Prof: 23.4 Km
 ± 0.44 km ± 0.85 km ± 2.0 km
 RMS: 0.34s GAP: 143.5° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	56	10.70	13.22	66.0	0.108
SMIN	S	56	13.43	13.22	66.0	-0.778
VBL2	P	56	12.76	27.87	176.7	0.510
VBL2	S	56	16.89	27.87	176.7	-0.181
CSC2	P	56	14.64	42.75	20.0	0.267
CSC2	S	56	20.28	42.75	20.0	-0.472
SCOI	P	56	14.66	43.02	19.7	0.247
SCOI	S	56	20.79	43.02	19.7	-0.025
CET2	P	56	17.98	68.09	350.3	-0.032
CET2	S	56	26.77	68.09	350.3	-0.283
CUP2	P	56	18.28	64.59	37.9	0.293
CUP2	S	56	27.56	64.59	37.9	0.549
TDS	P	56	20.53	84.36	14.7	-0.579
ROI	P	56	21.03	82.97	29.9	-0.048
ROI	S	56	32.03	82.97	29.9	-0.336

59 140730 2136 55.5 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.12 Prof: 5.2 Km
 ± 0.59 km ± 0.59 km ± 1.7 km
 RMS: 0.37s GAP: 97.7° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	36	57.83	6.03	267.9	0.317
MMN9	S	36	59.00	6.03	267.9	0.077
MMN	P	36	58.47	11.14	268.3	0.065
MMN	S	37	0.10	11.14	268.3	-0.366
CET2	P	37	4.16	42.97	199.5	-0.074
CET2	S	37	9.90	42.97	199.5	-0.663

60 140731 0113 00.8 - Sila Piccola
 Lat: 39.17 Lon: 16.72 Prof: 20.3 Km
 ± 0.51 km ± 0.66 km ± 2.0 km
 RMS: 0.34s GAP: 102.8° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	13	6.82	25.12	61.8	0.137
LADO	S	13	11.10	25.12	61.8	0.125
CUP2	P	13	7.30	27.28	326.4	0.189
CUP2	S	13	11.81	27.28	326.4	0.093
MC32	P	13	7.84	31.42	305.6	0.111
CSC2	P	13	9.08	41.83	286.5	-0.069
CSC2	S	13	15.64	41.83	286.5	0.393
ROI	P	13	9.68	45.64	343.0	-0.339
ROI	S	13	16.05	45.64	343.0	-0.703
SMIN	P	13	10.01	48.43	241.8	-0.224
SMIN	S	13	16.77	48.43	241.8	-0.356
TDS	P	13	12.73	62.86	328.0	0.186
VBL2	P	13	14.44	77.27	223.4	-0.546
VBL2	S	13	25.43	77.27	223.4	0.073
CET2	P	13	14.92	76.75	300.4	0.329
CET2	S	13	25.03	76.75	300.4	0.359

61 140731 0329 28.5 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.09 Prof: 12.9 Km
 ± 0.54 km ± 0.75 km ± 3.0 km
 RMS: 0.51s GAP: 57.8° NR: 56

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	29	30.99	3.81	251.2	-0.301
MMN	P	29	31.67	8.82	261.3	-0.007
MMN	S	29	33.36	8.82	261.3	-0.592
TDS	P	29	35.68	34.21	142.2	0.429
CET2	P	29	37.11	43.20	196.0	0.100
CET2	S	29	42.59	43.20	196.0	-0.598
ROI	P	29	39.25	54.97	131.9	0.158
ROI	S	29	47.19	54.97	131.9	0.396
CSC2	P	29	41.47	69.92	168.3	0.212
CSC2	S	29	50.70	69.92	168.3	0.154
MC32	P	29	41.58	68.38	155.2	0.430
MC32	S	29	50.54	68.38	155.2	0.179

CUP2	P	29	41.85	69.69	145.8	0.498
CUP2	S	29	50.15	69.69	145.8	-0.560
LADO	P	29	47.02	102.59	131.9	0.162
LADO	S	30	-0.45	102.59	131.9	-0.695
SMIN	P	29	47.51	103.91	173.6	0.410
SMIN	S	30	0.49	103.91	173.6	-0.175
VBL2	P	29	52.01	136.47	179.5	-0.668
VBL2	S	30	10.29	136.47	179.5	-0.036
CNDF	P	30	1.77	211.88	185.7	-0.811

62 140731 0333 54.9 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.12 Prof: 5.2 Km
 ± 1.19 km ± 0.97 km ± 2.6 km
 RMS: 0.57s GAP: 120.0° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	33	57.29	7.04	288.3	0.221
MMN9	S	33	58.36	7.04	288.3	-0.239
MMN	P	33	57.99	11.98	280.2	0.026
MMN	S	34	-0.16	11.98	280.2	-0.319
CET2	P	34	2.34	40.92	201.5	-0.936
CET2	S	34	9.10	40.92	201.5	-0.250

63 140731 0335 34.4 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.12 Prof: 4.4 Km
 ± 0.97 km ± 0.62 km ± 1.6 km
 RMS: 0.36s GAP: 163.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	35	37.34	11.22	267.3	0.151
MMN	S	35	39.05	11.22	267.3	-0.156

64 140731 0401 56.0 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.10 Prof: 5.8 Km
 ± 1.18 km ± 0.73 km ± 1.8 km
 RMS: 0.41s GAP: 149.7° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	01	58.12	5.24	294.8	0.181
MMN9	S	01	59.23	5.24	294.8	-0.111
MMN	P	01	58.78	10.09	282.0	0.067
MMN	S	02	0.59	10.09	282.0	-0.092
CET2	P	02	4.27	40.27	199.0	0.136
CET2	S	02	10.00	40.27	199.0	-0.069

65 140731 0412 41.8 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.12 Prof: 5.5 Km
 ± 0.61 km ± 0.55 km ± 1.8 km
 RMS: 0.39s GAP: 99.3° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	12	44.16	6.62	277.2	0.291
MMN9	S	12	45.30	6.62	277.2	-0.083
MMN	P	12	44.84	11.70	273.6	0.077
MMN	S	12	46.01	11.70	273.6	-0.920
CET2	P	12	50.02	42.17	200.7	-0.253
CET2	S	12	55.70	42.17	200.7	-0.775

66 140731 0443 28.7 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.11 Prof: 6.2 Km
 ± 0.90 km ± 0.70 km ± 1.8 km
 RMS: 0.39s GAP: 120.6° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	43	31.14	5.97	279.6	0.309
MMN9	S	43	32.19	5.97	279.6	-0.166
MMN	P	43	31.80	11.03	274.6	0.141
MMN	S	43	33.36	11.03	274.6	-0.431
CET2	P	43	37.52	41.78	199.9	0.457
CET2	S	43	42.77	41.78	199.9	-0.381