



**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

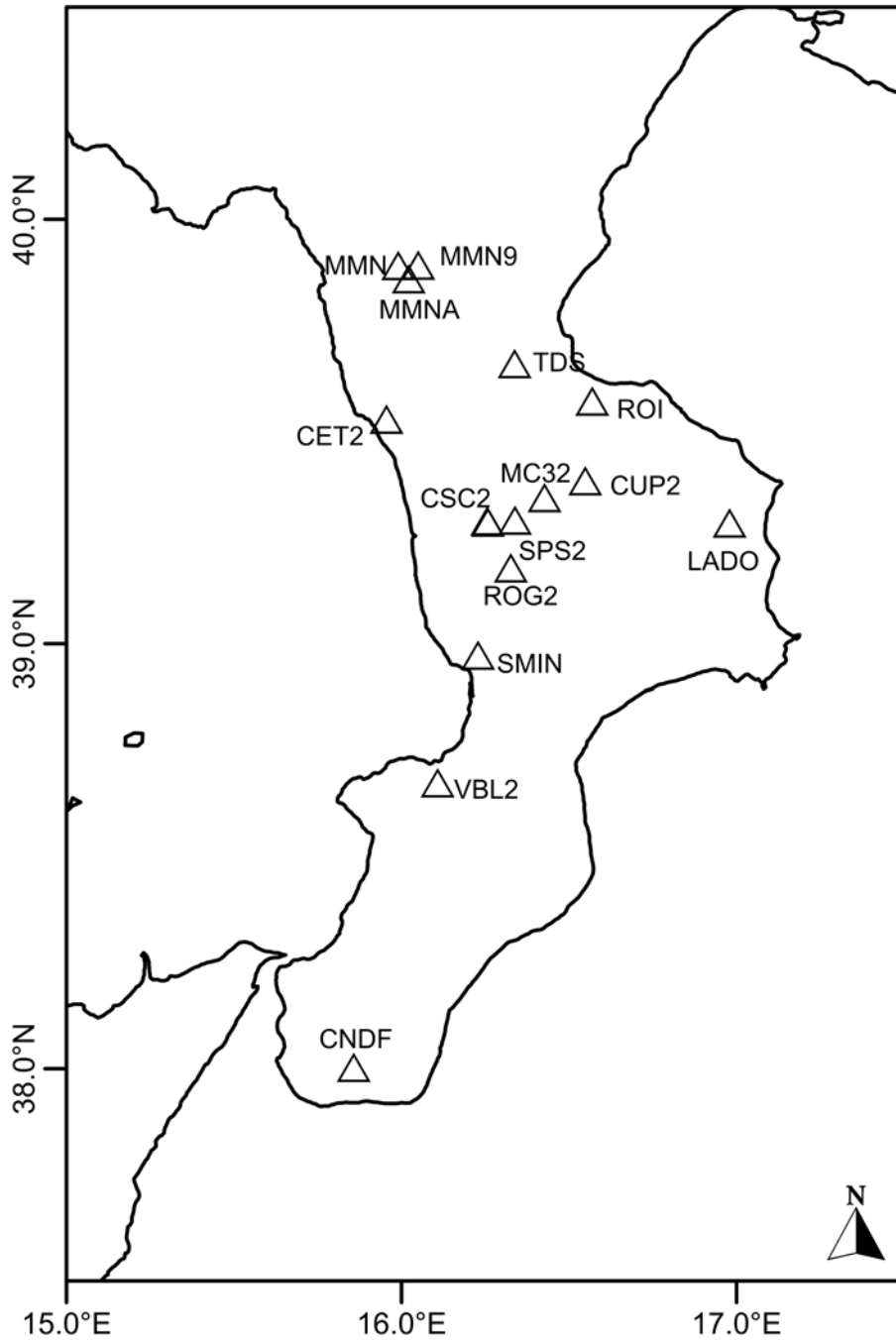
E

DELLE AREE CIRCOSTANTI

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

Periodo 16-31 Gennaio 2015

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali

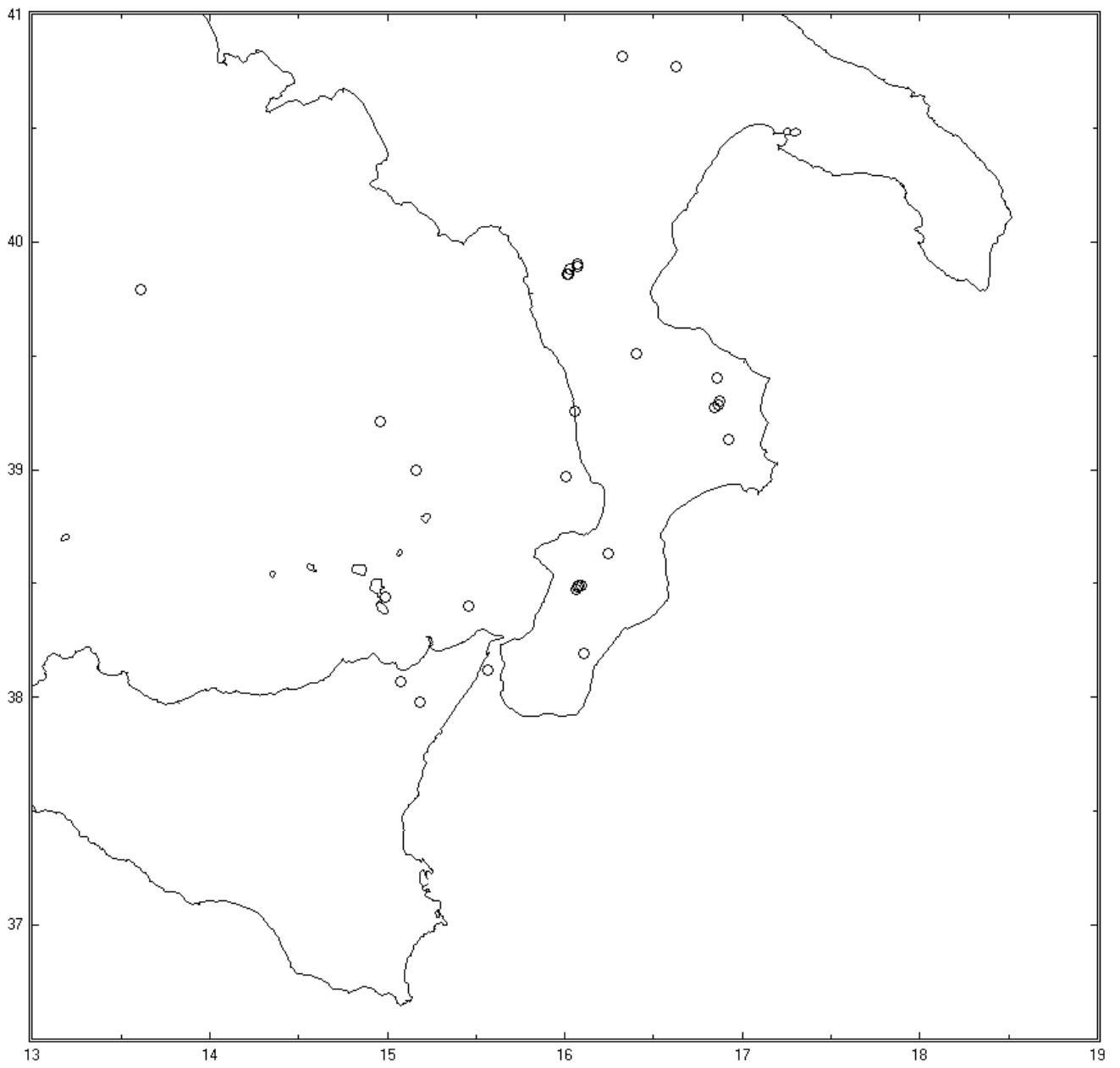


1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	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
150116	0034	25.6	39.2102	14.9582	283.8	2.3	3.59	5.16	4.66	31	268	0.54	0.31
150116	0119	53.1	39.7926	13.6097	0.0	2.6	7.29	4.04	2.02	18	325	0.45	0.84
150116	2139	12.8	39.8956	16.0687	5.9	1.2	0.53	0.34	1.70	19	72	0.38	0.09
150116	2150	10.4	39.8587	16.0144	6.5		1.55	0.55	0.69	6	271	0.12	0.17
150117	0522	39.0	38.6319	16.2469	18.2	1.3	0.38	0.44	1.01	13	124	0.17	0.06
150117	0618	13.5	39.2760	16.8442	16.3		2.62	1.34	1.79	6	209	0.31	0.22
150117	0655	25.0	39.2877	16.8639	16.5		1.38	0.75	0.95	6	199	0.16	0.10
150118	0509	49.1	39.4021	16.8559	24.7	1.7	0.80	0.96	2.73	31	155	0.42	0.14
150118	1215	11.0	40.7736	16.6296	10.1	2.4	0.83	1.13	3.11	21	95	0.54	0.14
150118	1410	32.6	39.9058	16.0719	5.6	1.5	0.70	0.61	1.81	18	53	0.40	0.10
150119	1040	17.6	38.9968	15.1587	287.6	2.6	4.91	5.83	3.97	16	177	0.46	0.24
150120	0240	31.4	38.4870	16.0705	16.3	1.6	0.60	0.86	2.16	16	97	0.37	0.10
150120	0243	15.1	38.4932	16.0785	16.6	1.5	0.78	0.61	1.25	10	208	0.22	0.13
150120	0717	21.8	38.1224	15.5674	18.1	3.1	0.50	0.40	2.42	74	56	0.42	0.05
150120	1320	42.6	38.4770	16.0629	18.9	2.2	0.50	0.59	2.17	40	85	0.37	0.06
150120	2243	24.1	40.8159	16.3235	2.3	2.7	0.67	0.73	2.50	49	111	0.56	0.10
150121	0146	29.5	38.4896	16.0924	13.0		0.39	0.51	0.37	6	265	0.06	0.09
150121	0215	7.2	39.5107	16.4021	13.8	1.8	0.30	0.43	1.66	41	71	0.29	0.05
150121	0215	26.5	39.5116	16.4041	4.7	1.8	0.90	1.04	2.94	12	84	0.51	0.15
150121	0447	54.8	38.4021	15.4569	117.3	2.4	1.20	1.62	3.29	34	86	0.41	0.09
150121	1736	25.2	38.9713	16.0062	16.6	1.6	0.66	0.99	2.18	18	133	0.34	0.10
150122	0859	25.1	38.4413	14.9865	203.1	2.7	2.06	3.17	3.11	27	107	0.37	0.17
150124	1324	50.0	39.8843	16.0243	3.1	1.5	1.03	1.34	2.74	11	95	0.47	0.16
150124	1425	18.1	38.1943	16.1069	18.9	1.9	0.60	0.80	1.97	22	152	0.34	0.10
150124	2051	56.8	39.3014	16.8752	10.4	0.9	1.01	1.07	2.66	12	116	0.46	0.16
150127	0628	59.8	39.2584	16.0598	19.7	2.1	0.56	0.84	2.74	39	143	0.42	0.09
150127	1315	57.9	39.1315	16.9213	0.5	0.9	1.03	1.01	1.52	11	225	0.34	0.23
150127	1957	37.5	39.8603	16.0211	7.7		0.84	0.35	0.36	6	232	0.06	0.07
150128	0804	44.5	37.9772	15.1871	36.8	2.1	0.75	0.43	1.79	24	101	0.27	0.06
150130	0508	16.4	38.0686	15.0787	11.4	2.1	0.89	0.70	2.94	26	82	0.51	0.11

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 150116 0035 25.6 - Piana batiale Tirreno
 Lat: 39.21 Lon: 14.95 Prof: 283.8 Km
 ± 3.59 km ± 5.16 km ± 4.7 km
 RMS: 0.54s GAP: 268.3° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	35	4.00	92.86	68.1	0.750
CET2	S	35	30.54	92.86	68.1	-0.249
TDS	P	35	4.77	128.78	67.6	-0.900
TDS	S	35	35.53	128.78	67.6	0.550
SPS2	P	35	5.03	119.50	86.1	-0.169
SPS2	S	35	33.27	119.50	86.1	-0.895
MC32	P	35	5.72	127.59	83.7	0.125
MC32	S	35	33.88	127.59	83.7	-0.970
CUP2	P	35	7.07	138.49	82.3	0.924
CUP2	S	35	34.97	138.49	82.3	-0.834
CNDF	P	35	7.14	155.18	150.2	-0.008
CNDF	S	35	38.07	155.18	150.2	0.529
LADO	P	35	7.78	174.66	87.5	-0.329
LADO	S	35	39.28	174.66	87.5	0.075

2 150116 0120 53.1 - M. Tirreno
 Lat: 39.79 Lon: 13.60 Prof: 0.0 Km
 ± 7.29 km ± 4.04 km ± 2.0 km
 RMS: 0.45s GAP: 325.7° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	20	30.10	243.28	112.8	0.114
SMIN	S	20	57.43	243.28	112.8	0.473

3 150116 2139 12.8 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.06 Prof: 5.9 Km
 ± 0.53 km ± 0.34 km ± 1.7 km
 RMS: 0.38s GAP: 72.9° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	39	13.96	1.62	255.4	-0.328
MMN9	S	39	15.49	1.62	255.4	0.113
MMN	P	39	14.96	6.69	265.6	0.044
MMN	S	39	16.20	6.69	265.6	-0.264
MMNA	P	39	15.59	8.78	117.1	0.362
MMNA	S	39	17.74	8.78	117.1	0.730
CET2	P	39	21.10	41.88	193.7	-0.069
CET2	S	39	27.00	41.88	193.7	-0.298

4 150116 2150 10.3 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.01 Prof: 6.5 Km
 ± 1.55 km ± 0.55 km ± 0.7 km
 RMS: 0.12s GAP: 271.7° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	50	12.13	4.11	330.5	0.080
MMN	S	50	13.18	4.11	330.5	-0.097
MMN9	P	50	12.18	4.80	39.9	0.027
MMN9	S	50	13.42	4.80	39.9	-0.029

5 150117 0522 39.0 - Valle del Mesima
 Lat: 38.63 Lon: 16.24 Prof: 18.2 Km
 ± 0.38 km ± 0.44 km ± 1.0 km
 RMS: 0.17s GAP: 124.6° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	22	43.48	12.95	291.1	0.300
VBL2	S	22	46.24	12.95	291.1	0.035
SMIN	P	22	46.71	37.89	357.5	0.066
SMIN	S	22	51.95	37.89	357.5	-0.256

6 150117 0618 13.4 - Presila nord-or.
 Lat: 39.27 Lon: 16.84 Prof: 16.3 Km
 ± 2.62 km ± 1.34 km ± 1.8 km
 RMS: 0.31s GAP: 209.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	18	17.28	11.69	85.3	0.084
LADO	S	18	19.83	11.69	85.3	-0.096
CUP2	P	18	19.23	28.17	294.8	-0.286
CUP2	S	18	24.28	28.17	294.8	0.333
ROI	P	18	21.79	40.48	323.9	0.198
ROI	S	18	27.31	40.48	323.9	-0.230

7 150117 0655 24.9 - Presila nord-or.
 Lat: 39.28 Lon: 16.86 Prof: 16.5 Km
 ± 1.38 km ± 0.75 km ± 1.0 km
 RMS: 0.16s GAP: 199.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	55	28.68	9.96	91.9	0.092
LADO	S	55	31.11	9.96	91.9	-0.106
CUP2	P	55	31.29	29.23	291.0	0.063
CUP2	S	55	35.71	29.23	291.0	-0.076
ROI	P	55	32.98	40.48	320.9	-0.153
ROI	S	55	39.27	40.48	320.9	0.179

8 150118 0509 49.1 - Presila nord-or.
 Lat: 39.40 Lon: 16.85 Prof: 24.7 Km
 ± 0.80 km ± 0.96 km ± 2.7 km
 RMS: 0.42s GAP: 155.6° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	09	54.53	16.89	140.5	0.035
LADO	S	09	58.39	16.89	140.5	-0.050
CUP2	P	09	55.90	26.59	265.2	0.161
CUP2	S	10	1.21	26.59	265.2	0.614
ROI	P	09	56.12	31.03	307.1	-0.262
ROI	S	10	1.75	31.03	307.1	0.041
SPS2	P	09	58.34	46.25	254.3	-0.088
SPS2	S	10	5.39	46.25	254.3	0.138
TDS	P	09	58.93	52.95	302.4	-0.475
TDS	S	10	7.20	52.95	302.4	0.253
SCOI	P	09	59.32	53.17	256.2	-0.127
SCOI	S	10	7.42	53.17	256.2	0.401
CSC2	P	09	59.35	53.13	255.8	-0.097
CSC2	S	10	7.51	53.13	255.8	0.492
ROG2	P	09	59.48	52.03	241.3	0.161
ROG2	S	10	7.57	52.03	241.3	0.774
SMIN	P	10	2.55	72.18	228.5	0.056
SMIN	S	10	11.50	72.18	228.5	-0.797

9 150118 1215 11.0 - Piana Bradano e Basento
 Lat: 40.77 Lon: 16.62 Prof: 10.1 Km
 ± 0.83 km ± 1.13 km ± 3.1 km
 RMS: 0.54s GAP: 95.5° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMNA	P	15	30.04	109.05	201.4	-0.963
MMNA	S	15	45.15	109.05	201.4	-0.466
ROI	P	15	35.01	133.54	182.0	0.048

10 150118 1410 32.5 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.07 Prof: 5.6 Km
 ± 0.70 km ± 0.61 km ± 1.8 km
 RMS: 0.40s GAP: 53.1° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	10	34.00	2.40	230.2	-0.133
MMN9	S	10	34.57	2.40	230.2	-0.712
MMN	P	10	34.95	7.14	256.7	0.241
MMN	S	10	35.84	7.14	256.7	-0.438
MMNA	P	10	35.33	9.12	124.2	0.309
MMNA	S	10	37.43	9.12	124.2	0.613

11 150119 1040 17.5 - Piana batiale Tirreno
 Lat: 38.99 Lon: 15.15 Prof: 287.6 Km
 ± 4.91 km ± 5.83 km ± 4.0 km
 RMS: 0.46s GAP: 177.7° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	40	58.14	126.00	151.5	0.311
ROI	P	40	58.88	137.43	62.6	0.531
ROI	S	41	29.12	137.43	62.6	0.937

12 150120 0240 31.4 - Piana di Gioia
 Lat: 38.48 Lon: 16.07 Prof: 16.3 Km
 ± 0.60 km ± 0.86 km ± 2.2 km
 RMS: 0.37s GAP: 97.0° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	40	36.80	20.98	9.0	0.454
VBL2	S	40	39.01	20.98	9.0	-0.913

13 150120 0243 15.1 - Piana di Gioia
 Lat: 38.49 Lon: 16.07 Prof: 16.6 Km
 ± 0.78 km ± 0.61 km ± 1.2 km
 RMS: 0.22s GAP: 208.2° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	43	20.24	20.20	7.4	0.302
VBL2	S	43	23.61	20.20	7.4	0.149

14 150120 0717 21.8 - Stretto di Messina
 Lat: 38.12 Lon: 15.56 Prof: 18.1 Km
 ± 0.50 km ± 0.40 km ± 2.4 km
 RMS: 0.42s GAP: 56.9° NR: 74

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	17	28.20	28.66	117.8	0.187
CNDF	S	17	32.21	28.66	117.8	-0.326
VBL2	P	17	36.67	77.30	37.9	0.717
VBL2	S	17	46.01	77.30	37.9	-0.279
SMIN	P	17	40.84	110.60	31.6	-0.772
SMIN	S	17	55.46	110.60	31.6	-0.633
SPS2	P	17	47.36	146.05	27.5	0.218
SPS2	S	18	5.43	146.05	27.5	-0.238
CUP2	P	17	49.28	163.90	31.5	0.243
CUP2	S	18	8.76	163.90	31.5	-0.190
TDS	P	17	50.94	183.23	21.6	-0.911
ROI	P	17	51.70	182.90	28.5	0.154
ROI	S	18	13.13	182.90	28.5	-0.165

15 150120 1320 42.5 - Piana di Gioia
 Lat: 38.47 Lon: 16.06 Prof: 18.9 Km
 ± 0.50 km ± 0.59 km ± 2.2 km
 RMS: 0.37s GAP: 85.7° NR: 40

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	20	53.19	55.58	199.1	0.121
CNDF	S	21	0.78	55.58	199.1	0.039
SMIN	P	20	54.06	56.89	14.7	0.735
SMIN	S	21	2.04	56.89	14.7	0.858
CET2	P	21	2.63	117.13	355.6	0.322
CET2	S	21	16.06	117.13	355.6	-0.680
LADO	P	21	4.07	119.78	41.4	0.142
LADO	S	21	19.17	119.78	41.4	-0.375

16 150120 2243 24.1 - Piana Bradano e Basento
 Lat: 40.81 Lon: 16.32 Prof: 2.3 Km
 ± 0.67 km ± 0.73 km ± 2.5 km
 RMS: 0.56s GAP: 111.6° NR: 49

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	43	42.67	106.53	195.4	-0.626
MMN	S	43	57.98	106.53	195.4	0.664
TDS	P	43	46.35	128.41	179.4	-0.632
TDS	S	44	4.08	128.41	179.4	0.375
ROI	P	43	49.02	139.71	171.3	-0.362
CET2	P	43	49.27	146.32	192.5	0.436
CET2	S	44	7.00	146.32	192.5	0.087
CUP2	P	43	53.00	160.20	173.0	0.581
CUP2	S	44	13.86	160.20	173.0	0.743
MC32	P	43	53.49	163.67	176.8	0.603
MC32	S	44	14.14	163.67	176.8	0.210
SPS2	P	43	54.20	169.31	179.5	0.173
CSC2	P	43	54.77	169.92	181.9	0.711
SMIN	P	43	59.11	204.78	182.3	0.531
SMIN	S	44	22.95	204.78	182.3	-0.831
VBL2	P	44	2.32	238.55	184.5	-0.578

17 150121 0146 29.4 - Piana di Gioia
 Lat: 38.48 Lon: 16.09 Prof: 13.0 Km
 ± 0.39 km ± 0.51 km ± 0.4 km
 RMS: 0.06s GAP: 265.5° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	46	33.94	20.49	3.9	-0.041
VBL2	S	46	37.33	20.49	3.9	0.051
SMIN	P	46	39.68	54.94	12.5	0.058
SMIN	S	46	46.98	54.94	12.5	-0.068

18 150121 0215 07.1 - Sila Greca
 Lat: 39.51 Lon: 16.40 Prof: 13.8 Km
 ± 0.30 km ± 0.43 km ± 1.7 km
 RMS: 0.29s GAP: 71.4° NR: 41

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	15	11.24	15.88	64.6	-0.003
ROI	S	15	14.04	15.88	64.6	-0.193
TDS	P	15	11.38	17.42	341.3	0.130
TDS	S	15	14.29	17.42	341.3	0.046
MC32	P	15	11.79	18.63	173.3	0.180
MC32	S	15	14.59	18.63	173.3	-0.279
CUP2	P	15	11.96	18.91	138.2	0.334
CUP2	S	15	15.33	18.91	138.2	0.435
SPS2	P	15	12.51	24.99	192.5	0.084
SPS2	S	15	16.23	24.99	192.5	-0.050
SCOI	P	15	12.81	27.60	207.0	0.025
SCOI	S	15	16.56	27.60	207.0	-0.342
CSC2	P	15	12.86	27.84	206.5	0.032
CSC2	S	15	17.01	27.84	206.5	0.033
ROG2	P	15	14.37	37.47	190.0	-0.053
ROG2	S	15	19.55	37.47	190.0	-0.190
CET2	P	15	14.58	38.53	273.0	-0.191
CET2	S	15	20.04	38.53	273.0	-0.304
LADO	P	15	16.91	55.73	116.6	-0.539
MMN	P	15	17.76	55.01	320.1	0.374
MMN	S	15	24.52	55.01	320.1	-0.352
SMIN	P	15	18.29	61.56	194.1	-0.162
SMIN	S	15	26.80	61.56	194.1	0.081

19 150121 0215 26.5 - Sila Greca
 Lat: 39.51 Lon: 16.40 Prof: 4.7 Km
 ± 0.90 km ± 1.04 km ± 2.9 km
 RMS: 0.51s GAP: 84.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	15	29.70	15.69	64.6	-0.277
ROI	S	15	32.45	15.69	64.6	-0.037
TDS	P	15	29.84	17.38	340.6	-0.182
TDS	S	15	32.76	17.38	340.6	0.195
MC32	P	15	30.31	18.71	173.9	-0.098
MC32	S	15	33.29	18.71	173.9	0.056
CUP2	P	15	30.48	18.88	138.8	0.063
CUP2	S	15	33.91	18.88	138.8	0.662
SPS2	P	15	31.02	25.13	192.9	-0.380
SPS2	S	15	34.73	25.13	192.9	-0.222
CET2	P	15	34.91	38.69	272.9	0.943
CET2	S	15	38.61	38.69	272.9	-0.787

20 150121 0448 54.8 - Bacino di Gioia
 Lat: 38.40 Lon: 15.45 Prof: 117.3 Km
 ± 1.20 km ± 1.62 km ± 3.3 km
 RMS: 0.41s GAP: 86.4° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	48	13.08	56.47	142.0	0.082
CNDF	S	48	26.69	56.47	142.0	0.405
VBL2	P	48	13.74	64.27	62.3	0.020
VBL2	S	48	27.19	64.27	62.3	-0.345
SMIN	P	48	15.75	92.29	46.9	-0.101
SMIN	S	48	30.92	92.29	46.9	-0.305
SPS2	P	48	18.83	124.89	38.0	-0.003
SPS2	S	48	35.99	124.89	38.0	-0.399
CET2	P	48	19.18	132.30	19.4	0.592
CET2	S	48	36.55	132.30	19.4	0.584

21 150121 1736 25.2 - G. di S. Eufemia
 Lat: 38.97 Lon: 16.00 Prof: 16.6 Km
 ± 0.66 km ± 0.99 km ± 2.2 km
 RMS: 0.34s GAP: 133.5° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	36	30.07	19.24	89.5	0.212
SMIN	S	36	33.18	19.24	89.5	-0.066
ROG2	P	36	32.34	35.97	50.3	0.039
ROG2	S	36	37.23	35.97	50.3	-0.244
VBL2	P	36	32.39	34.18	165.1	0.381
VBL2	S	36	36.75	34.18	165.1	-0.220

SPS2	P	36	33.84	45.68	39.1	0.014	SMIN	P	29	7.33	34.88	155.4	0.419							
SPS2	S	36	39.87	45.68	39.1	-0.245	SMIN	S	29	12.42	34.88	155.4	0.332							
CET2	P	36	36.62	62.05	356.0	0.687	CUP2	P	29	8.34	44.34	71.7	-0.064							
CET2	S	36	43.68	62.05	356.0	-0.088	CUP2	S	29	14.64	44.34	71.7	-0.034							
22 150122 0859 25.1 - Vulcano																				
Lat: 38.44 Lon: 14.98 Prof: 203.1 Km																				
± 2.06 km ± 3.17 km ± 3.1 km																				
RMS: 0.37s GAP: 107.4° NR: 27																				
STN PHASE MN SEC DIST AZM RES																				
CNDF	P	59	54.15	90.44	123.0	-0.361	ROI	P	29	9.83	55.99	51.5	-0.500							
CNDF	S	00	16.72	90.44	123.0	0.702	ROI	S	29	17.35	55.99	51.5	-0.661							
23 150124 1324 49.9 - Alto Tirreno Cosentino																				
Lat: 39.88 Lon: 16.02 Prof: 3.1 Km																				
± 1.03 km ± 1.34 km ± 2.7 km																				
RMS: 0.47s GAP: 95.5° NR: 11																				
STN PHASE MN SEC DIST AZM RES																				
MMN	P	24	50.97	2.97	284.3	-0.101	VBL2	P	29	11.49	65.03	176.4	-0.068							
MMN	S	24	52.12	2.97	284.3	0.244	VBL2	S	29	19.54	65.03	176.4	-0.597							
MMN9	P	24	50.98	2.37	69.5	-0.046	MMN	P	29	12.33	70.47	355.3	-0.080							
MMN9	S	24	51.66	2.37	69.5	-0.139	MMN	S	29	21.41	70.47	355.3	-0.202							
CET2	P	24	57.26	39.92	188.8	-0.347	27 150127 1316 57.9 - Marchesato													
CET2	S	25	2.70	39.92	188.8	-0.496	Lat: 39.13 Lon: 16.92 Prof: 0.5 Km													
± 1.03 km ± 1.01 km ± 1.5 km																				
RMS: 0.34s GAP: 225.8° NR: 11																				
STN PHASE MN SEC DIST AZM RES																				
LADO	P	16	1.94	17.64	16.0	0.152	LADO	P	16	1.94	17.64	16.0	0.152							
LADO	S	16	5.25	17.64	16.0	0.619	LADO	S	16	5.25	17.64	16.0	0.619							
ROI	P	16	8.55	57.53	327.8	-0.526	ROI	P	16	8.55	57.53	327.8	-0.526							
ROI	S	16	17.13	57.53	327.8	-0.125	ROI	S	16	17.13	57.53	327.8	-0.125							
28 150127 1957 37.5 - Alto Tirreno Cosentino																				
Lat: 39.86 Lon: 16.02 Prof: 7.7 Km																				
± 0.84 km ± 0.35 km ± 0.4 km																				
RMS: 0.06s GAP: 232.2° NR: 6																				
STN PHASE MN SEC DIST AZM RES																				
MMN	P	57	39.31	4.27	322.6	-0.052	MMN	P	57	39.31	4.27	322.6	-0.052							
MMN	S	57	40.82	4.27	322.6	0.090	MMN	S	57	40.82	4.27	322.6	0.090							
MMN9	P	57	39.39	4.30	35.7	-0.009	MMN9	P	57	39.39	4.30	35.7	-0.009							
MMN9	S	57	40.77	4.30	35.7	-0.018	MMN9	S	57	40.77	4.30	35.7	-0.018							
MMNA	P	57	40.50	11.90	90.4	0.037	MMNA	P	57	40.50	11.90	90.4	0.037							
MMNA	S	57	42.61	11.90	90.4	-0.023	MMNA	S	57	42.61	11.90	90.4	-0.023							
29 150128 0804 44.5 - M. Peloritani																				
Lat: 37.97 Lon: 15.18 Prof: 36.8 Km																				
± 0.75 km ± 0.43 km ± 1.8 km																				
RMS: 0.27s GAP: 101.5° NR: 24																				
STN PHASE MN SEC DIST AZM RES																				
CNDF	P	04	56.24	58.93	87.6	-0.185	CNDF	P	04	56.24	58.93	87.6	-0.185							
CNDF	S	05	5.62	58.93	87.6	0.471	CNDF	S	05	5.62	58.93	87.6	0.471							
30 150130 0508 16.3 - M. Peloritani																				
Lat: 38.06 Lon: 15.07 Prof: 11.4 Km																				
± 0.89 km ± 0.70 km ± 2.9 km																				
RMS: 0.51s GAP: 82.9° NR: 26																				
STN PHASE MN SEC DIST AZM RES																				
CNDF	P	08	28.84	68.73	96.5	0.071	CNDF	P	08	28.84	68.73	96.5	0.071							
CNDF	S	08	38.80	68.73	96.5	0.944	CNDF	S	08	38.80	68.73	96.5	0.944							
26 150127 0629 59.8 - Catena Costiera																				
Lat: 39.25 Lon: 16.05 Prof: 19.7 Km																				
± 0.56 km ± 0.84 km ± 2.7 km																				
RMS: 0.42s GAP: 143.1° NR: 39																				
STN PHASE MN SEC DIST AZM RES																				
CSC2	P	29	5.14	17.37	79.8	0.624	CSC2	P	29	5.14	17.37	79.8	0.624							
CSC2	S	29	8.27	17.37	79.8	0.330	CSC2	S	29	8.27	17.37	79.8	0.330							
MC32	P	29	6.76	33.06	73.3	0.012	MC32	P	29	6.76	33.06	73.3	0.012							
MC32	S	29	11.45	33.06	73.3	-0.356	MC32	S	29	11.45	33.06	73.3	-0.356							
CET2	P	29	7.02	31.35	343.3	0.687	CET2	P	29	7.02	31.35	343.3	0.687							
CET2	S	29	11.38	31.35	343.3	0.293	CET2	S	29	11.38	31.35	343.3	0.293							