



**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

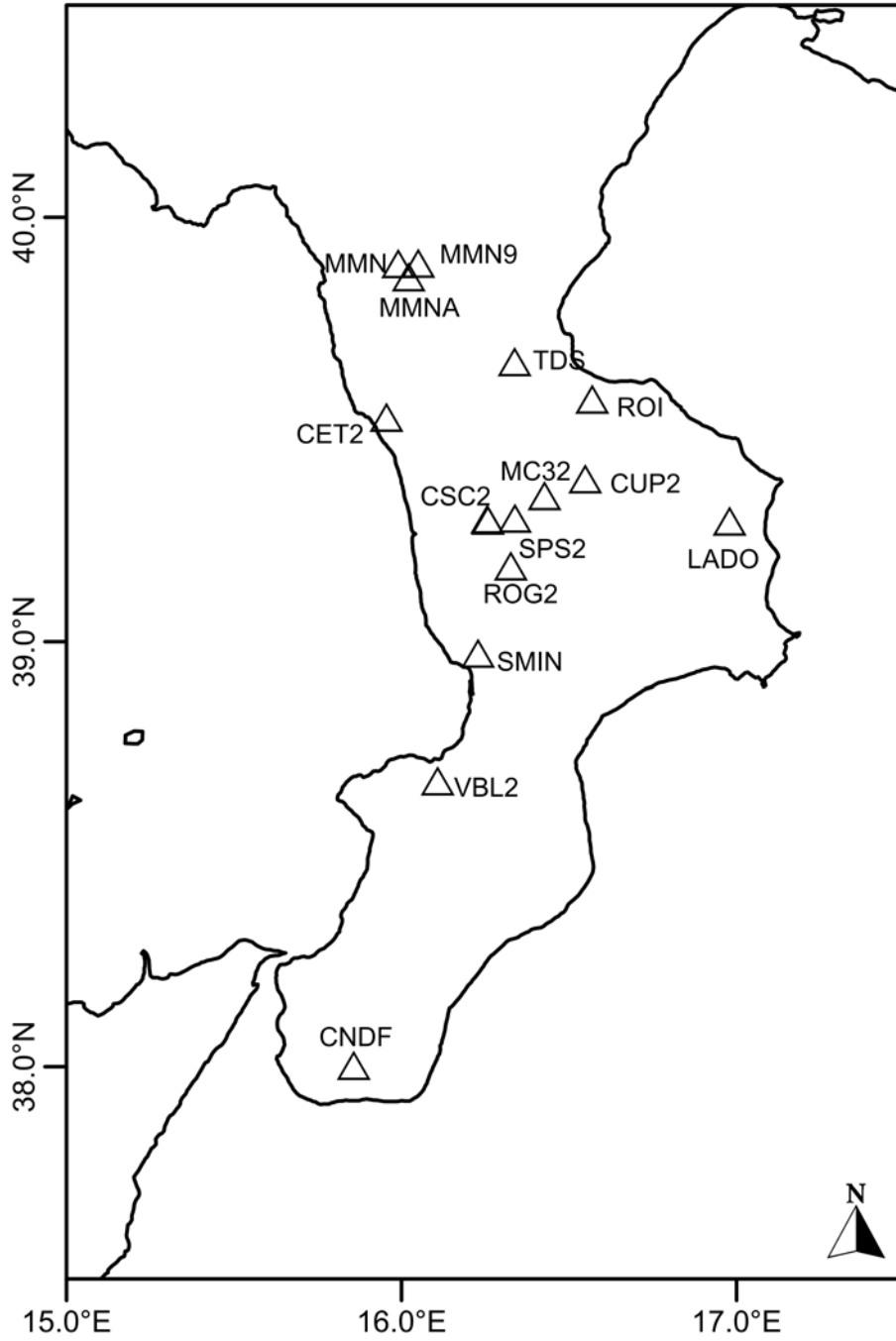
E

DELLE AREE CIRCOSTANTI

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

Periodo 16-31 Luglio 2015

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali



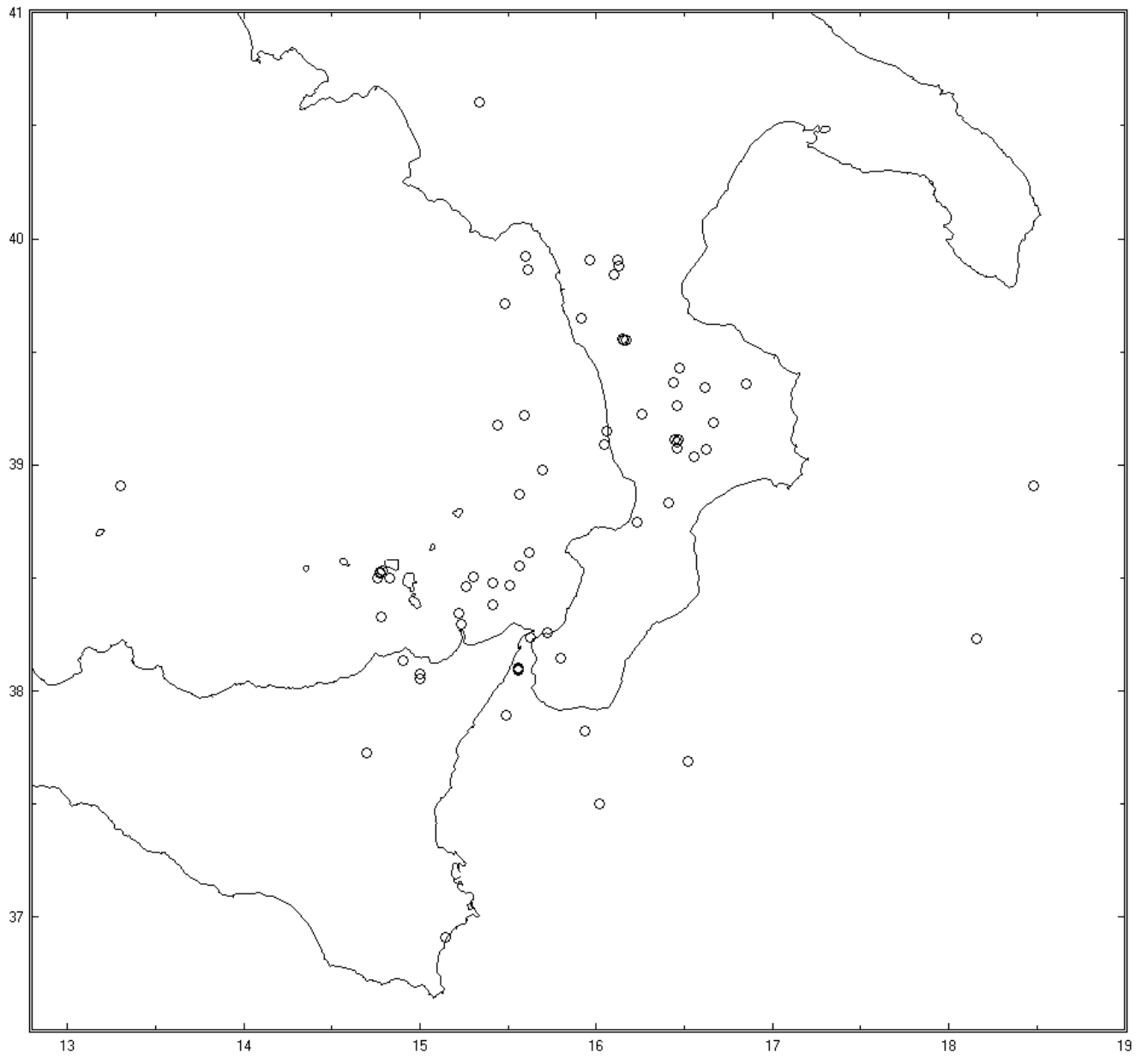
1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	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
150716	0434	49.5	39.8797	16.1268	5.7	1.1	0.54	0.40	1.19	16	107	0.26	0.07
150716	0551	29.6	38.6121	15.6203	93.5	1.9	1.17	1.33	3.38	43	74	0.42	0.07
150716	0647	8.5	39.1845	16.6662	21.8	1.7	0.71	0.86	2.89	30	105	0.50	0.12
150716	1100	2.8	39.1504	16.0601	15.7	1.7	0.83	1.37	3.36	22	105	0.52	0.16
150716	1457	12.1	38.8344	16.4110	16.4	1.4	0.62	0.81	2.17	18	129	0.37	0.11
150716	1818	49.2	38.9074	13.3032	155.7	0.0	1.41	0.86	0.45	8	344	0.06	0.11
150716	2202	37.5	39.1111	16.4465	22.6	1.1	0.47	0.75	1.93	24	74	0.33	0.07
150716	2203	11.0	39.0351	16.5584	20.7		2.56	2.33	4.67	12	167	0.80	0.36
150716	2211	27.6	39.1127	16.4678	0.0		1.08	1.11	2.08	8	143	0.46	0.18
150716	2215	12.2	39.0994	16.4601	23.9	1.2	0.56	0.89	2.49	29	74	0.43	0.09
150717	0158	32.8	39.7115	15.4844	5.8	1.2	0.94	1.61	2.07	15	212	0.36	0.23
150717	0215	17.3	38.9789	15.6942	88.5		1.45	2.39	2.39	10	222	0.30	0.19
150717	1140	24.8	38.3273	14.7792	222.4	2.7	3.56	2.77	3.47	29	163	0.40	0.15
150717	1735	30.7	38.8713	15.5610	83.8	0.0	3.04	3.19	2.69	8	302	0.34	0.34
150718	0130	55.4	39.9056	15.9631	0.7	0.0	4.28	2.86	2.40	6	332	0.53	0.81
150718	0522	55.7	38.5063	15.3050	133.3	2.1	2.89	2.02	2.52	16	187	0.31	0.14
150718	0723	58.8	39.2627	16.4570	20.1	1.4	0.57	0.55	1.71	21	84	0.30	0.07
150718	1721	54.6	38.0997	15.5599	15.5	1.3	0.80	0.56	1.41	12	125	0.24	0.07
150718	1805	21.3	38.0974	15.5605	12.4	1.1	0.70	0.51	2.09	18	112	0.36	0.09
150719	1404	0.4	37.8250	15.9324	34.7	1.4	1.96	1.03	2.00	18	268	0.31	0.24
150719	1510	41.4	39.9086	16.1247	7.9	1.0	0.68	0.64	1.76	18	128	0.39	0.11
150719	2002	59.8	38.0896	15.5569	16.2	1.5	0.85	0.54	2.35	24	78	0.40	0.08
150720	0824	53.5	37.7251	14.6939	25.0	2.5	0.59	0.90	3.21	53	44	0.55	0.10
150720	1331	10.9	37.8923	15.4857	23.2	1.4	1.29	0.48	1.36	12	192	0.23	0.12
150720	1612	58.1	38.1479	15.7992	19.2	1.0	0.49	0.59	1.27	13	76	0.22	0.06
150720	2304	0.1	38.4642	15.2618	127.7	1.8	2.00	1.87	2.92	25	154	0.37	0.12
150720	2309	10.0	39.3665	16.4350	17.0	1.3	0.45	0.58	2.41	40	52	0.42	0.07
150721	0016	31.1	39.0764	16.4559	7.7		0.69	0.58	1.43	8	137	0.25	0.09
150721	1000	45.0	37.6866	16.5232	49.4	1.6	2.26	3.48	4.00	16	250	0.50	0.44
150721	1014	48.3	38.4797	15.4110	120.5	2.2	2.52	1.51	2.46	25	177	0.30	0.11
150721	1743	14.9	37.4999	16.0169	29.6	1.6	1.37	2.24	2.18	16	230	0.34	0.27
150721	2252	10.5	38.0734	15.0031	0.9	1.9	0.61	0.35	1.60	33	68	0.35	0.07
150721	2300	59.3	38.7454	16.2336	15.3	1.5	0.49	0.72	2.16	28	101	0.37	0.08
150722	0252	38.4	38.0520	14.9988	12.6	1.8	0.54	0.41	1.63	25	74	0.28	0.07
150722	0326	49.8	39.6504	15.9132	28.2	1.5	0.77	1.32	4.21	45	135	0.54	0.11
150722	1942	58.0	38.1361	14.9045	113.1	2.3	1.80	1.53	3.33	35	61	0.42	0.09
150723	0206	4.3	38.4668	15.5093	133.8	1.9	1.58	2.39	3.61	32	120	0.43	0.12
150723	0225	48.2	39.2175	15.5910	240.7	2.4	2.10	2.92	3.40	42	162	0.40	0.11
150723	0232	18.8	38.4995	14.8296	9.8	2.1	0.74	0.59	2.57	36	116	0.44	0.10
150723	0238	39.8	38.5532	15.5658	155.5	2.1	2.23	3.30	3.17	14	168	0.38	0.14
150723	0418	39.5	38.2372	15.6263	24.1	1.5	0.72	0.48	1.84	24	102	0.32	0.07
150723	0734	8.1	39.3596	16.8504	0.0		0.23	0.36	0.52	6	146	0.12	0.05
150723	2002	24.2	39.2242	16.2560	14.0	1.5	0.48	0.74	2.22	32	110	0.38	0.08
150724	1404	5.8	39.0673	16.6250	20.8	1.6	0.39	0.54	1.86	37	71	0.32	0.07
150725	0255	12.5	39.0902	16.0452	19.3	1.4	0.72	1.04	2.55	23	156	0.39	0.13
150725	1512	54.6	38.3462	15.2223	121.7	1.8	2.35	2.33	3.40	19	144	0.43	0.16
150726	0117	11.9	39.5539	16.1593	17.6	1.7	0.34	0.47	2.07	53	68	0.36	0.05
150726	0207	29.4	38.3797	15.4097	107.3	2.1	1.59	1.93	3.67	32	110	0.46	0.12
150726	0618	22.8	36.9095	15.1461	7.1	2.2	1.01	1.17	2.18	33	170	0.49	0.18
150726	1111	40.1	39.8446	16.1022	8.1	1.3	0.71	0.86	2.43	18	105	0.42	0.11
150726	1339	38.1	38.5306	14.7855	9.9	2.9	0.46	0.49	2.53	74	94	0.44	0.06
150726	1342	6.1	38.5185	14.7696	14.5	2.0	1.04	0.74	3.16	31	89	0.49	0.12
150726	1444	0.7	38.2586	15.7190	18.3		0.68	2.65	1.43	5	223	0.25	0.27
150726	1451	15.8	39.9200	15.5976	271.0	2.6	2.89	3.78	4.48	24	114	0.52	0.17
150726	1646	36.2	39.5600	16.1516	16.9	1.4	0.54	0.59	1.71	21	83	0.30	0.08
150726	1742	41.0	38.5254	14.7744	16.1	2.7	0.76	0.75	2.36	23	102	0.36	0.09
150726	1801	42.0	38.4991	14.7599	12.6	2.1	1.43	0.82	2.83	25	148	0.44	0.12
150726	2326	38.6	39.5542	16.1720	0.0	1.0	0.33	0.28	0.60	8	88	0.13	0.05
150726	2351	11.7	39.4302	16.4706	15.0	0.7	0.32	0.33	1.13	20	55	0.19	0.05

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
150728	0550	51.0	38.9070	18.4823	172.4		9.92	9.58	7.18	10	320	0.87	1.12
150728	0821	50.6	38.2962	15.2316	116.6	2.4	1.23	1.55	3.50	41	82	0.44	0.10
150729	0500	31.3	39.8648	15.6118	17.6	1.3	1.00	1.00	2.18	15	178	0.28	0.11
150729	2123	34.6	40.6070	15.3370	294.6	2.9	2.17	3.56	4.37	70	137	0.53	0.09
150730	0332	49.5	38.2287	18.1615	50.0	1.7	5.46	6.93	4.58	21	310	0.57	0.94
150731	1631	18.0	39.1782	15.4376	3.4	2.3	0.61	0.72	2.13	48	129	0.47	0.10
150731	2028	41.9	39.3448	16.6196	23.3		3.51	5.89	2.85	6	201	0.49	0.30

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 150716 0434 49.5 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.12 Prof: 5.7 Km
 ± 0.54 km ± 0.40 km ± 1.2 km
 RMS: 0.26s GAP: 107.1° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	34	51.61	6.67	281.8	-0.015
MMN9	S	34	53.10	6.67	281.8	-0.068
MMN	P	34	52.29	11.71	276.2	-0.213
MMN	S	34	54.62	11.71	276.2	-0.068
CET2	P	34	57.88	41.66	200.9	0.003
CET2	S	35	3.67	41.66	200.9	-0.327

2 150716 0551 29.5 - Bacino di Gioia
 Lat: 38.61 Lon: 15.62 Prof: 93.5 Km
 ± 1.17 km ± 1.33 km ± 3.4 km
 RMS: 0.42s GAP: 74.2° NR: 43

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	51	49.02	105.79	16.2	0.156
CET2	S	52	2.60	105.79	16.2	-0.365

3 150716 0647 08.5 - Sila Piccola
 Lat: 39.18 Lon: 16.66 Prof: 21.8 Km
 ± 0.71 km ± 0.86 km ± 2.9 km
 RMS: 0.50s GAP: 105.6° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	47	14.28	24.32	335.0	-0.316
CUP2	S	47	19.53	24.32	335.0	0.500
MC32	P	47	14.66	27.20	310.4	-0.342
MC32	S	47	19.68	27.20	310.4	-0.052
LADO	P	47	14.87	29.20	67.4	-0.254
LADO	S	47	20.80	29.20	67.4	0.856
SPS2	P	47	14.93	30.64	292.5	-0.420
SPS2	S	47	20.64	30.64	292.5	0.306
ROG2	P	47	15.00	29.40	268.5	-0.175
ROG2	S	47	19.68	29.40	268.5	-0.353
CSC2	P	47	16.48	37.02	287.6	0.238
CSC2	S	47	21.44	37.02	287.6	-0.439
SCOI	P	47	16.62	37.24	288.1	0.350
SCOI	S	47	21.39	37.24	288.1	-0.537
ROI	P	47	16.75	43.80	348.8	-0.794
ROI	S	47	25.06	43.80	348.8	0.925
SMIN	P	47	17.73	44.58	238.1	0.284
SMIN	S	47	24.82	44.58	238.1	0.855
TDS	P	47	19.54	59.85	331.6	-0.308
TDS	S	47	29.09	59.85	331.6	0.966
CET2	P	47	21.64	72.27	301.9	0.068
CET2	S	47	32.10	72.27	301.9	0.990

4 150716 1100 02.7 - Bacino di Paola
 Lat: 39.15 Lon: 16.06 Prof: 15.7 Km
 ± 0.83 km ± 1.37 km ± 3.4 km
 RMS: 0.52s GAP: 105.4° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	00	8.72	28.68	57.1	0.064
SPS2	S	00	13.17	28.68	57.1	0.192
SMIN	P	00	8.81	24.49	143.6	0.777
SMIN	S	00	12.66	24.49	143.6	0.764
CET2	P	00	10.89	42.98	347.9	0.137
CET2	S	00	15.87	42.98	347.9	-0.738

5 150716 1457 12.1 - Stretta di Catanzaro
 Lat: 38.83 Lon: 16.41 Prof: 16.4 Km
 ± 0.62 km ± 0.81 km ± 2.2 km
 RMS: 0.37s GAP: 129.8° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	57	17.66	22.09	314.1	0.443
SMIN	S	57	21.13	22.09	314.1	0.191
ROG2	P	57	19.72	38.89	349.0	-0.076

ROG2	S	57	25.25	38.89	349.0	-0.154
LADO	P	57	24.92	70.07	44.3	-0.028
LADO	S	57	35.30	70.07	44.3	0.968
CET2	P	57	27.91	86.59	332.9	0.320
CET2	S	57	38.44	86.59	332.9	-0.463

6 150716 1818 49.1 - Ustica
 Lat: 38.90 Lon: 13.30 Prof: 155.7 Km
 ± 1.41 km ± 0.86 km ± 0.4 km
 RMS: 0.06s GAP: 344.2° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	19	27.78	244.52	115.3	-0.026
CNDF	S	19	56.13	244.52	115.3	0.031

7 150716 2202 37.4 - Sila Piccola
 Lat: 39.11 Lon: 16.44 Prof: 22.6 Km
 ± 0.47 km ± 0.75 km ± 1.9 km
 RMS: 0.33s GAP: 74.6° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	02	42.41	12.81	305.5	0.162
ROG2	S	02	45.54	12.81	305.5	-0.200
SPS2	P	02	43.29	22.03	334.9	0.071
SPS2	S	02	47.70	22.03	334.9	0.270
SMIN	P	02	43.56	24.34	230.9	0.060
SMIN	S	02	47.50	24.34	230.9	-0.419
CUP2	P	02	44.85	31.47	16.0	0.270
CUP2	S	02	50.32	31.47	16.0	0.533
ROI	P	02	47.38	52.22	11.5	-0.493
ROI	S	02	54.74	52.22	11.5	-0.752
CET2	P	02	49.10	62.84	317.6	0.031
CET2	S	02	57.42	62.84	317.6	-0.141

8 150716 2203 10.9 - Sila Piccola
 Lat: 39.03 Lon: 16.55 Prof: 20.7 Km
 ± 2.56 km ± 2.33 km ± 4.7 km
 RMS: 0.80s GAP: 167.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	03	16.22	25.63	308.2	-0.735
ROG2	S	03	20.93	25.63	308.2	-0.416
SMIN	P	03	18.19	29.42	256.3	0.709
SMIN	S	03	22.76	29.42	256.3	0.503
SPS2	P	03	18.38	34.16	326.1	0.206
SPS2	S	03	22.63	34.16	326.1	-0.831
CUP2	P	03	19.90	38.68	358.5	0.935
CUP2	S	03	25.80	38.68	358.5	0.971
CET2	P	03	24.64	75.61	316.4	0.104
CET2	S	03	33.58	75.61	316.4	-0.900

9 150716 2211 27.5 - Sila Piccola
 Lat: 39.11 Lon: 16.46 Prof: 0.0 Km
 ± 1.08 km ± 1.11 km ± 2.1 km
 RMS: 0.46s GAP: 143.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
SPS2	P	11	31.96	22.72	330.5	-0.459
SPS2	S	11	36.57	22.72	330.5	0.603
SMIN	P	11	32.74	25.90	233.1	-0.224
SMIN	S	11	36.95	25.90	233.1	0.032

10 150716 2215 12.2 - Sila Piccola
 Lat: 39.09 Lon: 16.46 Prof: 23.9 Km
 ± 0.56 km ± 0.89 km ± 2.5 km
 RMS: 0.43s GAP: 74.0° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	15	17.35	14.53	307.0	0.036
ROG2	S	15	20.54	14.53	307.0	-0.524
SPS2	P	15	18.39	23.72	333.7	0.081
SPS2	S	15	22.89	23.72	333.7	0.106
SMIN	P	15	18.53	24.49	235.0	0.130
SMIN	S	15	22.57	24.49	235.0	-0.373

CUP2	P	15	19.78	32.44	13.4	0.207
CUP2	S	15	25.77	32.44	13.4	0.799
ROI	P	15	22.38	53.28	10.0	-0.473
ROI	S	15	29.75	53.28	10.0	-0.909
CET2	P	15	24.09	64.60	317.6	0.090
CET2	S	15	33.46	64.60	317.6	0.814

11 150717 0158 32.8 - G. di Policastro
 Lat: 39.71 Lon: 15.48 Prof: 5.8 Km
 ± 0.94 km ± 1.61 km ± 2.1 km
 RMS: 0.36s GAP: 212.3° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	58	41.06	45.18	117.0	-0.133
CET2	S	58	47.27	45.18	117.0	-0.065
SPS2	P	58	48.52	87.05	122.6	0.178
SPS2	S	58	59.41	87.05	122.6	-0.306
ROG2	P	58	50.21	93.55	129.5	0.749
ROG2	S	59	1.26	93.55	129.5	-0.394

12 150717 0215 17.3 - Bacino di Paola
 Lat: 38.97 Lon: 15.69 Prof: 88.5 Km
 ± 1.45 km ± 2.39 km ± 2.4 km
 RMS: 0.30s GAP: 222.1° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	15	32.18	58.97	68.1	-0.443
ROG2	S	15	43.59	58.97	68.1	-0.207
CET2	P	15	32.60	65.05	20.5	0.145
CET2	S	15	43.66	65.05	20.5	0.155

13 150717 1140 24.7 - Bacino di Cefalù
 Lat: 38.32 Lon: 14.77 Prof: 222.4 Km
 ± 3.56 km ± 2.77 km ± 3.5 km
 RMS: 0.40s GAP: 163.2° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	40	57.31	101.09	111.4	0.455
CNDF	S	41	20.77	101.09	111.4	0.435

14 150717 1735 30.6 - Scarpata di Paola
 Lat: 38.87 Lon: 15.56 Prof: 83.8 Km
 ± 3.04 km ± 3.19 km ± 2.7 km
 RMS: 0.34s GAP: 302.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	35	45.38	58.94	79.2	-0.126
SMIN	S	35	55.87	58.94	79.2	-0.491

15 150718 0130 55.4 - Maratea - Rotonda
 Lat: 39.90 Lon: 15.96 Prof: .7 Km
 ± 4.28 km ± 2.86 km ± 2.4 km
 RMS: 0.53s GAP: 332.7° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	30	55.74	2.86	125.1	-0.404
MMN	S	30	56.16	2.86	125.1	-0.516
MMN9	P	30	57.21	7.61	101.7	0.057
MMN9	S	30	58.96	7.61	101.7	0.537

16 150718 0522 55.7 - Canyon di Stromboli
 Lat: 38.50 Lon: 15.30 Prof: 133.3 Km
 ± 2.89 km ± 2.02 km ± 2.5 km
 RMS: 0.31s GAP: 187.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	23	16.53	73.85	139.5	-0.009
CNDF	S	23	31.32	73.85	139.5	-0.471

17 150718 0723 58.8 - Sila Grande
 Lat: 39.26 Lon: 16.45 Prof: 20.1 Km
 ± 0.57 km ± 0.55 km ± 1.7 km
 RMS: 0.30s GAP: 84.0° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	24	3.96	15.54	30.2	0.316
CUP2	S	24	7.32	15.54	30.2	0.161
ROI	P	24	6.37	35.66	15.6	-0.074
ROI	S	24	12.20	35.66	15.6	0.192
LADO	P	24	7.89	45.13	86.7	0.189
LADO	S	24	13.85	45.13	86.7	-0.335
CET2	P	24	9.08	52.40	304.3	0.078
CET2	S	24	16.22	52.40	304.3	-0.217

18 150718 1721 54.5 - Stretto di Messina
 Lat: 38.09 Lon: 15.55 Prof: 15.5 Km
 ± 0.80 km ± 0.56 km ± 1.4 km
 RMS: 0.24s GAP: 125.4° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	22	.50	28.20	112.6	0.021
CNDF	S	22	4.25	28.20	112.6	-0.549

19 150718 1805 21.3 - Stretto di Messina
 Lat: 38.09 Lon: 15.56 Prof: 12.4 Km
 ± 0.70 km ± 0.51 km ± 2.1 km
 RMS: 0.36s GAP: 112.1° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	05	27.24	28.05	112.2	0.250
CNDF	S	05	31.02	28.05	112.2	-0.122

20 150719 1404 00.3 - Offshore Calabria Meridionale
 Lat: 37.82 Lon: 15.93 Prof: 34.7 Km
 ± 1.96 km ± 1.03 km ± 2.0 km
 RMS: 0.31s GAP: 268.9° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	04	7.51	20.86	341.7	0.116
CNDF	S	04	12.48	20.86	341.7	-0.059

21 150719 1510 41.4 - Catena del Pollino
 Lat: 39.90 Lon: 16.12 Prof: 7.9 Km
 ± 0.68 km ± 0.64 km ± 1.8 km
 RMS: 0.39s GAP: 128.8° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	10	43.68	6.62	253.8	-0.034
MMN9	S	10	44.96	6.62	253.8	-0.438
MMN	P	10	44.51	11.63	260.3	0.148
MMN	S	10	45.59	11.63	260.3	-0.935
CET2	P	10	50.46	44.62	199.2	0.466
CET2	S	10	56.07	44.62	199.2	-0.208

22 150719 2002 59.8 - Stretto di Messina
 Lat: 38.08 Lon: 15.55 Prof: 16.2 Km
 ± 0.85 km ± 0.54 km ± 2.3 km
 RMS: 0.40s GAP: 78.3° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	03	5.91	28.04	110.3	0.162
CNDF	S	03	9.68	28.04	110.3	-0.405

23 150720 0824 53.5 - M. Nebrodi-Madonie
 Lat: 37.72 Lon: 14.69 Prof: 25.0 Km
 ± 0.59 km ± 0.90 km ± 3.2 km
 RMS: 0.55s GAP: 44.0° NR: 53

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	25	12.04	106.91	73.8	-0.070
CNDF	S	25	25.66	106.91	73.8	-0.035
CET2	P	25	27.04	228.33	29.3	0.774
CET2	S	25	51.12	228.33	29.3	0.909

24 150720 1331 10.9 - Coste Sicilia Or.
 Lat: 37.89 Lon: 15.48 Prof: 23.2 Km
 ± 1.29 km ± 0.48 km ± 1.4 km
 RMS: 0.23s GAP: 192.3° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	31	18.73	34.90	69.7	0.235	CNDF	P	15	7.28	65.74	143.9	0.027
CNDF	S	31	23.95	34.90	69.7	-0.069	CNDF	S	15	20.90	65.74	143.9	-0.210

25 150720 1612 58.1 - Aspromonte
 Lat: 38.14 Lon: 15.79 Prof: 19.2 Km
 ± 0.49 km ± 0.59 km ± 1.3 km
 RMS: 0.22s GAP: 76.7° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	13	2.88	16.83	162.7	0.106	CNDF	P	43	26.30	57.61	346.0	0.187
CNDF	S	13	5.88	16.83	162.7	-0.302	CNDF	S	43	34.87	57.61	346.0	0.554

26 150720 2304 00.1 - Canyon di Stromboli
 Lat: 38.46 Lon: 15.26 Prof: 127.7 Km
 ± 2.00 km ± 1.87 km ± 2.9 km
 RMS: 0.37s GAP: 154.7° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	04	20.30	73.04	134.9	-0.007	CNDF	P	52	23.92	75.38	96.4	-0.334
CNDF	S	04	35.50	73.04	134.9	0.424	CNDF	S	52	34.45	75.38	96.4	0.123

27 150720 2309 09.9 - Sila Grande
 Lat: 39.36 Lon: 16.43 Prof: 17.0 Km
 ± 0.45 km ± 0.58 km ± 2.4 km
 RMS: 0.42s GAP: 52.8° NR: 40

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
MC32	P	09	13.56	2.59	195.5	0.155	VBL2	P	01	3.40	13.51	234.0	0.301
MC32	S	09	15.63	2.59	195.5	-0.277	VBL2	S	01	6.05	13.51	234.0	0.147
CUP2	P	09	13.95	9.93	78.9	0.152	SMIN	P	01	4.75	25.26	358.9	0.035
CUP2	S	09	16.96	9.93	78.9	0.367	SMIN	S	01	9.06	25.26	358.9	0.360
SPS2	P	09	13.96	11.79	224.6	0.111	ROG2	P	01	8.68	48.72	9.4	0.197
SPS2	S	09	16.54	11.79	224.6	-0.139	ROG2	S	01	15.00	48.72	9.4	-0.228
SCOI	P	09	14.66	17.61	240.8	0.194	CUP2	P	01	14.11	75.88	20.9	0.965
SCOI	S	09	17.80	17.61	240.8	0.059	CUP2	S	01	23.52	75.88	20.9	0.214
ROG2	P	09	15.28	22.90	204.2	0.053	CET2	P	01	14.93	90.25	344.6	-0.409
ROG2	S	09	18.83	22.90	204.2	-0.237	CET2	S	01	26.19	90.25	344.6	-0.914
ROI	P	09	15.61	25.55	26.7	-0.175	TDS	P	01	17.77	101.86	5.0	0.341
ROI	S	09	19.64	25.55	26.7	-0.388							
TDS	P	09	16.64	33.59	345.4	-0.131							
TDS	S	09	21.99	33.59	345.4	0.254							
CET2	P	09	18.73	45.10	293.6	-0.121							
CET2	S	09	24.59	45.10	293.6	-0.749							
LADO	P	09	18.89	47.82	100.7	-0.207							
LADO	S	09	25.89	47.82	100.7	0.124							
SMIN	P	09	19.85	47.20	202.2	0.838							
SMIN	S	09	25.89	47.20	202.2	0.270							

28 150721 0016 31.1 - Sila Piccola
 Lat: 39.07 Lon: 16.45 Prof: 7.7 Km
 ± 0.69 km ± 0.58 km ± 1.4 km
 RMS: 0.25s GAP: 137.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	16	34.43	15.94	315.1	-0.132	CET2	P	26	55.76	13.95	165.4	0.780
ROG2	S	16	37.17	15.94	315.1	0.110	CET2	S	26	59.29	13.95	165.4	0.494
SMIN	P	16	35.99	22.82	239.7	0.299	MMN	P	26	56.75	27.51	14.1	0.274
SMIN	S	16	38.69	22.82	239.7	-0.324	MMN	S	27	1.32	27.51	14.1	-0.066
SPS2	P	16	36.04	25.88	336.9	-0.166	TDS	P	26	57.49	36.41	88.5	0.053
SPS2	S	16	40.15	25.88	336.9	0.241	TDS	S	27	2.82	36.41	88.5	-0.231

29 150721 1000 45.0 - Piana bat. ionica
 Lat: 37.68 Lon: 16.52 Prof: 49.4 Km
 ± 2.26 km ± 3.48 km ± 4.0 km
 RMS: 0.50s GAP: 250.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	00	57.58	68.35	301.0	-0.530	SPS2	P	27	0.00	54.15	137.5	0.107
CNDF	S	01	7.17	68.35	301.0	-0.514	SPS2	S	27	7.26	54.15	137.5	-0.029

30 150721 1014 48.3 - Bacino di Gioia
 Lat: 38.47 Lon: 15.41 Prof: 120.5 Km
 ± 2.52 km ± 1.51 km ± 2.5 km
 RMS: 0.30s GAP: 177.8° NR: 25

31 150721 1743 14.9 - Piana bat. ionica
 Lat: 37.49 Lon: 16.01 Prof: 29.6 Km
 ± 1.37 km ± 2.24 km ± 2.2 km
 RMS: 0.34s GAP: 230.3° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	15	7.28	65.74	143.9	0.027	CNDF	P	43	26.30	57.61	346.0	0.187
CNDF	S	15	20.90	65.74	143.9	-0.210	CNDF	S	43	34.87	57.61	346.0	0.554

32 150721 2252 10.4 - M. Peloritani
 Lat: 38.07 Lon: 15.00 Prof: .9 Km
 ± 0.61 km ± 0.35 km ± 1.6 km
 RMS: 0.35s GAP: 68.9° NR: 33

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	52	23.92	75.38	96.4	-0.334	CNDF	P	52	23.92	75.38	96.4	-0.334
CNDF	S	52	34.45	75.38	96.4	0.123	CNDF	S	52	34.45	75.38	96.4	0.123

33 150721 2300 59.2 - Valle del Mesima
 Lat: 38.74 Lon: 16.23 Prof: 15.3 Km
 ± 0.49 km ± 0.72 km ± 2.2 km
 RMS: 0.37s GAP: 101.4° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	01	3.40	13.51	234.0	0.301	VBL2	P	01	3.40	13.51	234.0	0.301
VBL2	S	01	6.05	13.51	234.0	0.147	VBL2	S	01	6.05	13.51	234.0	0.147
SMIN	P	01	4.75	25.26	358.9	0.035	SMIN	P	01	4.75	25.26	358.9	0.035
SMIN	S	01	9.06	25.26	358.9	0.360	SMIN	S	01	9.06	25.26	358.9	0.360
ROG2	P	01	8.68	48.72	9.4	0.197	ROG2	P	01	8.68	48.72	9.4	0.197
ROG2	S	01	15.00	48.72	9.4	-0.228	ROG2	S	01	15.00	48.72	9.4	-0.228
CUP2	P	01	14.11	75.88	20.9	0.965	CUP2	P	01	14.11	75.88	20.9	0.965
CUP2	S	01	23.52	75.88	20.9	0.214	CUP2	S	01	23.52	75.88	20.9	0.214
CET2	P	01	14.93	90.25	344.6	-0.409	CET2	P	01	14.93	90.25	344.6	-0.409
CET2	S	01	26.19	90.25	344.6	-0.914	CET2	S	01	26.19	90.25	344.6	-0.914
TDS	P	01	17.77	101.86	5.0	0.341	TDS	P	01	17.77	101.86	5.0	0.341

34 150722 0252 38.3 - M. Peloritani
 Lat: 38.05 Lon: 14.99 Prof: 12.6 Km
 ± 0.54 km ± 0.41 km ± 1.6 km
 RMS: 0.28s GAP: 74.7° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	52	51.86	75.56	94.6	-0.113	CNDF	P	52	51.86	75.56	94.6	-0.113
CNDF	S	53	2.36	75.56	94.6	0.425	CNDF	S	53	2.36	75.56	94.6	0.425

35 150722 0326 49.7 - Alto Tirreno Cosentino
 Lat: 39.65 Lon: 15.91 Prof: 28.2 Km
 ± 0.77 km ± 1.32 km ± 4.2 km
 RMS: 0.54s GAP: 135.0° NR: 45

STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	26	55.76	13.95	165.4	0.780	CET2	P	26	55.76	13.95	165.4	0.780
CET2	S	26	59.29	13.95	165.4	0.494	CET2	S	26	59.29	13.95	165.4	0.494
MMN	P	26	56.75	27.51	14.1	0.274	MMN	P	26	56.75	27.51	14.1	0.274
MMN	S	27	1.32	27.51	14.1	-0.066	MMN	S	27	1.32	27.51	14.1	-0.066
TDS	P	26	57.49	36.41	88.5	0.053	TDS	P	26	57.49	36.41	88.5	0.053
TDS	S	27	2.82	36.41	88.5	-0.231	TDS	S	27	2.82	36.41	88.5	-0.231
SPS2	P	27	0.00	54.15	137.5	0.107	SPS2	P	27	0.00	54.15	137.5	0.107
SPS2	S	27	7.26	54.15	137.5	-0.029	SPS2	S	27	7.26	54.15	137.5	-0.029
ROI	P	27	1.20	57.01	98.8	0.834	ROI	P	27	1.20	57.01	98.8	0.834
ROI	S	27	7.91	57.01	98.8	-0.215	ROI	S	27	7.91	57.01	98.8	-0.215
ROG2	P	27	1.32	63.32	145.9	0.150	ROG2	P	27	1.32	63.32	145.9	0.150
ROG2	S	27	8.54	63.32	145.9	-0.978	ROG2	S	27	8.54	63.32	145.9	-0.978
SMIN	P	27	2.99	79.96	160.2	-0.515	SMIN	P	27	2.99	79.96	160.2	-0.515

36 150722 1942 58.0 - M. Peloritani
 Lat: 38.13 Lon: 14.90 Prof: 113.1 Km
 ± 1.80 km ± 1.53 km ± 3.3 km
 RMS: 0.42s GAP: 61.2° NR: 35

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	43	27.10	179.48	31.0	0.792
LADO	P	43	32.03	220.90	55.0	0.383
LADO	S	43	56.57	220.90	55.0	0.297

37 150723 0206 04.2 - Bacino di Gioia
Lat: 38.46 Lon: 15.50 Prof: 133.8 Km
± 1.58 km ± 2.39 km ± 3.6 km
RMS: 0.43s GAP: 120.1° NR: 32

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	06	25.83	84.06	48.3	-0.198
SMIN	S	06	41.48	84.06	48.3	-0.474
SPS2	P	06	28.44	116.42	38.4	-0.170
SPS2	S	06	45.84	116.42	38.4	-0.587
CET2	P	06	29.16	124.05	18.4	0.703
CET2	S	06	46.98	124.05	18.4	0.818
CUP2	P	06	29.29	135.90	41.6	-0.983
CUP2	S	06	50.10	135.90	41.6	0.793

38 150723 0225 48.1 - Scarpata di Paola
Lat: 39.21 Lon: 15.59 Prof: 240.7 Km
± 2.10 km ± 2.92 km ± 3.4 km
RMS: 0.40s GAP: 162.7° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	26	19.77	46.64	42.5	0.305
CET2	S	26	42.85	46.64	42.5	0.485
SMIN	P	26	20.06	61.45	116.4	-0.514
SMIN	S	26	43.50	61.45	116.4	-0.784
SPS2	P	26	20.50	65.05	83.0	-0.197
SPS2	S	26	44.90	65.05	83.0	0.401
ROG2	P	26	20.53	63.64	94.1	-0.121
ROG2	S	26	44.22	63.64	94.1	-0.199
TDS	P	26	21.20	80.83	52.8	-0.080
CUP2	P	26	22.04	84.59	77.5	0.630
CUP2	S	26	46.66	84.59	77.5	0.927
LADO	P	26	22.94	120.06	86.4	-0.002
LADO	S	26	47.99	120.06	86.4	-0.397
CNDF	P	26	24.37	136.77	170.6	0.224
CNDF	S	26	50.86	136.77	170.6	0.388

39 150723 0232 18.7 - Lipari
Lat: 38.49 Lon: 14.82 Prof: 9.8 Km
± 0.74 km ± 0.59 km ± 2.6 km
RMS: 0.44s GAP: 116.6° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	32	36.70	105.47	122.0	-0.152
CNDF	S	32	50.59	105.47	122.0	0.519
ROG2	P	32	42.48	150.19	60.3	-0.702
ROG2	S	33	1.14	150.19	60.3	0.106

40 150723 0238 39.8 - Bacino di Gioia
Lat: 38.55 Lon: 15.56 Prof: 155.5 Km
± 2.23 km ± 3.30 km ± 3.2 km
RMS: 0.38s GAP: 168.6° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	39	2.85	66.15	157.7	0.268
CNDF	S	39	20.16	66.15	157.7	0.917
CET2	P	39	5.34	113.41	17.6	0.258
CET2	S	39	23.43	113.41	17.6	-0.142

41 150723 0418 39.5 - Stretto di Messina
Lat: 38.23 Lon: 15.62 Prof: 24.1 Km
± 0.72 km ± 0.48 km ± 1.8 km
RMS: 0.32s GAP: 102.7° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	18	47.13	32.92	142.4	0.274
CNDF	S	18	51.97	32.92	142.4	-0.248

42 150723 0734 08.1 - Presila nord-or.
Lat: 39.35 Lon: 16.85 Prof: 0.0 Km
± 0.23 km ± 0.36 km ± 0.5 km
RMS: 0.12s GAP: 146.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	34	11.10	13.93	126.7	-0.092
LADO	S	34	13.60	13.93	126.7	0.139

43 150723 2002 24.2 - Valle del Crati
Lat: 39.22 Lon: 16.25 Prof: 14.0 Km
± 0.48 km ± 0.74 km ± 2.2 km
RMS: 0.38s GAP: 110.8° NR: 32

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	02	27.42	7.90	130.0	0.127
ROG2	S	02	29.21	7.90	130.0	-0.328
SCOI	P	02	27.45	7.22	.3	0.279
SCOI	S	02	29.14	7.22	.3	-0.190
CSC2	P	02	27.46	6.89	1.3	0.304
CSC2	S	02	29.28	6.89	1.3	-0.019
SPS2	P	02	27.60	10.30	43.9	0.079
SPS2	S	02	29.54	10.30	43.9	-0.395
SMIN	P	02	30.47	27.99	184.9	0.495
SMIN	S	02	34.26	27.99	184.9	0.078
CUP2	P	02	30.71	30.78	54.8	0.197
CUP2	S	02	34.96	30.78	54.8	-0.154
TDS	P	02	33.20	48.82	8.2	-0.130
ROI	P	02	33.27	47.09	34.8	-0.086
ROI	S	02	39.18	47.09	34.8	-0.863
LADO	P	02	35.99	62.78	83.7	0.273
LADO	S	02	45.02	62.78	83.7	0.885

44 150724 1404 05.8 - Sila Piccola
Lat: 39.06 Lon: 16.62 Prof: 20.8 Km
± 0.39 km ± 0.54 km ± 1.9 km
RMS: 0.32s GAP: 71.0° NR: 37

STN	PHASE	MN	SEC	DIST	AZM	RES
ROG2	P	04	11.87	28.64	295.3	-0.161
ROG2	S	04	16.79	28.64	295.3	-0.144
SPS2	P	04	13.23	35.04	315.0	0.063
SPS2	S	04	18.59	35.04	315.0	0.032
MC32	P	04	13.42	35.15	330.7	0.112
MC32	S	04	18.79	35.15	330.7	-0.010
CUP2	P	04	13.48	35.71	349.1	0.111
CUP2	S	04	19.05	35.71	349.1	0.144
LADO	P	04	13.73	38.93	51.5	-0.009
LADO	S	04	20.08	38.93	51.5	0.533
SMIN	P	04	13.78	35.92	252.9	0.484
SMIN	S	04	19.28	35.92	252.9	0.499
ROI	P	04	16.37	56.21	354.9	-0.392
ROI	S	04	24.84	56.21	354.9	0.053
TDS	P	04	18.87	70.25	339.2	0.092
TDS	S	04	28.99	70.25	339.2	0.715
CET2	P	04	19.74	77.25	311.5	0.110
CET2	S	04	29.04	77.25	311.5	-0.707

45 150725 0255 12.5 - G. di S. Eufemia
Lat: 39.09 Lon: 16.04 Prof: 19.3 Km
± 0.72 km ± 1.04 km ± 2.5 km
RMS: 0.39s GAP: 156.4° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	55	17.86	20.51	129.5	0.292
SMIN	S	55	21.41	20.51	129.5	0.142
ROG2	P	55	18.44	26.17	68.1	0.124
ROG2	S	55	22.41	26.17	68.1	-0.154
SPS2	P	55	19.45	33.77	48.7	0.052
SPS2	S	55	24.39	33.77	48.7	-0.047
CET2	P	55	21.63	49.31	351.0	0.277
CET2	S	55	27.30	49.31	351.0	-0.523
CUP2	P	55	22.42	54.27	53.1	-0.180

CUP2	S	55	29.85	54.27	53.1	-0.135	MMN9	S	11	43.86	6.87	319.9	-0.293	
46	150725	1512	54.5	- Canyon di Stromboli				MMN	P	11	42.93	10.84	298.4	-0.003
	Lat:	38.34	Lon:	15.22	Prof:	121.7 Km	MMN	S	11	44.35	10.84	298.4	-0.659	
		± 2.35 km		± 2.33 km		± 3.4 km	TDS	P	11	46.30	28.78	135.6	0.619	
	RMS:	0.43s	GAP:	144.2°	NR:	19	CET2	P	11	47.31	37.28	200.0	-0.106	
							CET2	S	11	52.21	37.28	200.0	-0.567	
STN	PHASE	MN	SEC	DIST	AZM	RES	51	150726	1339	38.1	- Salina			
CNDF	P	13	14.09	67.41	124.8	0.146	Lat:	38.53	Lon:	14.78	Prof:	9.9 Km		
CNDF	S	13	27.87	67.41	124.8	-0.241		± 0.46 km		± 0.49 km		± 2.5 km		
47	150726	0117	11.9	- Valle dell'Esaro				RMS:	0.44s	GAP:	94.8°	NR:	74	
	Lat:	39.55	Lon:	16.15	Prof:	17.6 Km	STN	PHASE	MN	SEC	DIST	AZM	RES	
		± 0.34 km		± 0.47 km		± 2.1 km	CNDF	P	39	56.36	110.57	122.5	-0.462	
	RMS:	0.36s	GAP:	68.3°	NR:	53	CNDF	S	40	10.03	110.57	122.5	-0.489	
STN	PHASE	MN	SEC	DIST	AZM	RES	SMIN	P	40	.27	134.68	69.1	-0.173	
TDS	P	17	16.71	19.26	52.5	0.021	SMIN	S	40	16.55	134.68	69.1	-0.241	
TDS	S	17	19.74	19.26	52.5	-0.423	ROG2	P	40	2.43	151.82	62.2	-0.266	
CET2	P	17	16.91	17.82	261.1	0.229	ROG2	S	40	20.42	151.82	62.2	-0.277	
CET2	S	17	19.83	17.82	261.1	-0.321	ROI	P	40	8.53	192.87	53.5	0.765	
SCOI	P	17	18.75	30.54	164.1	0.439	52	150726	1342	06.0	- Filicudi			
SCOI	S	17	23.12	30.54	164.1	0.147	Lat:	38.51	Lon:	14.76	Prof:	14.5 Km		
CSC2	P	17	18.81	30.89	164.1	0.439		± 1.04 km		± 0.74 km		± 3.2 km		
CSC2	S	17	23.47	30.89	164.1	0.392	RMS:	0.49s	GAP:	89.9°	NR:	31		
MC32	P	17	18.94	32.76	135.3	0.119	STN	PHASE	MN	SEC	DIST	AZM	RES	
MC32	S	17	23.75	32.76	135.3	-0.107	CNDF	P	42	24.47	111.05	121.6	0.069	
ROI	P	17	19.08	35.28	86.7	-0.220	CNDF	S	42	38.48	111.05	121.6	0.678	
ROI	S	17	23.81	35.28	86.7	-0.876	53	150726	1444	00.7	- Stretto di Messina			
CUP2	P	17	19.90	38.44	119.4	0.215	Lat:	38.25	Lon:	15.71	Prof:	18.3 Km		
CUP2	S	17	25.76	38.44	119.4	0.407		± 0.68 km		± 2.65 km		± 1.4 km		
MMN	P	17	20.21	40.11	339.0	0.313	RMS:	0.25s	GAP:	223.8°	NR:	5		
MMN	S	17	25.66	40.11	339.0	-0.059	STN	PHASE	MN	SEC	DIST	AZM	RES	
ROG2	P	17	20.53	44.09	161.0	0.031	CNDF	P	44	7.05	30.82	157.1	-0.170	
ROG2	S	17	27.09	44.09	161.0	0.328	CNDF	S	44	12.17	30.82	157.1	0.197	
SMIN	P	17	24.19	64.77	174.8	0.277	54	150726	1451	15.8	- G. di Policastro			
SMIN	S	17	32.71	64.77	174.8	0.034	Lat:	39.92	Lon:	15.59	Prof:	271.0 Km		
LADO	P	17	25.96	76.71	112.8	0.053		± 2.89 km		± 3.78 km		± 4.5 km		
LADO	S	17	35.71	76.71	112.8	-0.420	RMS:	0.52s	GAP:	214.0°	NR:	24		
48	150726	0207	29.4	- Bacino di Gioia				STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat:	38.37	Lon:	15.40	Prof:	107.3 Km	SMIN	P	51	53.38	118.33	152.9	-0.630	
		± 1.59 km		± 1.93 km		± 3.7 km	SMIN	S	52	22.19	118.33	152.9	0.249	
	RMS:	0.46s	GAP:	110.6°	NR:	32	LADO	P	51	54.92	138.09	120.7	0.111	
STN	PHASE	MN	SEC	DIST	AZM	RES	LADO	S	52	22.80	138.09	120.7	-0.524	
CNDF	P	07	46.87	57.30	137.2	0.297	55	150726	1646	36.2	- Valle dell'Esaro			
CNDF	S	07	59.44	57.30	137.2	0.340	Lat:	39.56	Lon:	16.15	Prof:	16.9 Km		
SMIN	P	07	49.42	96.99	47.5	-0.556		± 0.54 km		± 0.59 km		± 1.7 km		
SMIN	S	08	4.58	96.99	47.5	-0.412	RMS:	0.30s	GAP:	83.4°	NR:	21		
ROG2	P	07	51.54	119.15	42.2	-0.570	STN	PHASE	MN	SEC	DIST	AZM	RES	
ROG2	S	08	8.53	119.15	42.2	-0.158	TDS	P	46	40.88	19.39	55.3	-0.039	
SPS2	P	07	52.61	129.38	38.8	-0.541	TDS	S	46	43.98	19.39	55.3	-0.367	
CET2	P	07	53.45	136.02	20.7	0.627	CET2	P	46	41.07	17.29	258.6	0.248	
CET2	S	08	10.88	136.02	20.7	0.956	CET2	S	46	43.98	17.29	258.6	-0.201	
49	150726	0618	22.8	- Sicilia Centro-Meridionale				SPS2	P	46	43.16	33.93	151.6	0.041
	Lat:	36.90	Lon:	15.14	Prof:	7.1 Km	SPS2	S	46	48.15	33.93	151.6	-0.012	
		± 1.01 km		± 1.17 km		± 2.2 km	ROI	P	46	43.55	35.90	87.8	-0.094	
	RMS:	0.49s	GAP:	170.3°	NR:	33	ROI	S	46	48.71	35.90	87.8	-0.360	
STN	PHASE	MN	SEC	DIST	AZM	RES	ROG2	P	46	45.26	44.95	160.5	0.373	
CNDF	P	18	46.96	136.71	27.8	0.110	ROG2	S	46	51.27	44.95	160.5	0.049	
CET2	P	19	7.84	299.23	14.1	0.000	56	150726	1742	41.0	- Filicudi			
CET2	S	19	40.64	299.23	14.1	0.000	Lat:	38.52	Lon:	14.77	Prof:	16.1 Km		
50	150726	1111	40.0	- Alto Tirreno Cosentino					± 0.76 km		± 0.75 km		± 2.4 km	
	Lat:	39.84	Lon:	16.10	Prof:	8.1 Km	RMS:	0.36s	GAP:	102.8°	NR:	23		
		± 0.71 km		± 0.86 km		± 2.4 km	STN	PHASE	MN	SEC	DIST	AZM	RES	
	RMS:	0.42s	GAP:	105.6°	NR:	18	SMIN	P	43	2.74	135.79	69.0	-0.108	
STN	PHASE	MN	SEC	DIST	AZM	RES								
MMN9	P	11	42.47	6.87	319.9	0.032								

SMIN S 43 19.01 135.79 69.0 0.172

57 150726 1801 42.0 - Bacino di Alicudi
 Lat: 38.49 Lon: 14.75 Prof: 12.6 Km
 ± 1.43 km ± 0.82 km ± 2.8 km
 RMS: 0.44s GAP: 148.5° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	02	.01	110.70	120.4	-0.444
CNDF	S	02	14.80	110.70	120.4	0.835

58 150726 2326 38.6 - Valle del Crati
 Lat: 39.55 Lon: 16.17 Prof: 0.0 Km
 ± 0.33 km ± 0.28 km ± 0.6 km
 RMS: 0.13s GAP: 88.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
TDS	P	26	42.74	18.38	50.5	0.074
TDS	S	26	45.77	18.38	50.5	0.134
CET2	P	26	42.91	18.90	261.5	0.085
CET2	S	26	45.84	18.90	261.5	-0.054

59 150726 2351 11.7 - Sila Grande
 Lat: 39.43 Lon: 16.47 Prof: 15.0 Km
 ± 0.32 km ± 0.33 km ± 1.1 km
 RMS: 0.19s GAP: 55.0° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	51	15.14	8.45	127.7	0.027
CUP2	S	51	17.43	8.45	127.7	-0.164
ROI	P	51	16.16	17.86	28.2	-0.054
ROI	S	51	19.44	17.86	28.2	-0.057
SPS2	P	51	16.43	19.18	216.2	0.188
SPS2	S	51	19.55	19.18	216.2	-0.001
ROG2	P	51	17.82	30.61	204.0	-0.136
ROG2	S	51	22.68	30.61	204.0	0.161
TDS	P	51	17.83	27.91	335.6	0.351
TDS	S	51	21.65	27.91	335.6	-0.040
CET2	P	51	20.19	45.73	283.9	-0.406
CET2	S	51	26.89	45.73	283.9	-0.195

60 150728 0550 51.0 - Mar Ionio
 Lat: 38.90 Lon: 18.48 Prof: 172.4 Km
 ± 9.92 km ± 9.58 km ± 7.2 km
 RMS: 0.87s GAP: 320.2° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	51	31.76	250.15	245.8	0.000
CNDF	S	52	2.62	250.15	245.8	0.000

61 150728 0821 50.5 - Canyon di Stromboli
 Lat: 38.29 Lon: 15.23 Prof: 116.6 Km
 ± 1.23 km ± 1.55 km ± 3.5 km
 RMS: 0.44s GAP: 82.7° NR: 41

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	22	9.14	63.75	121.1	-0.009
CNDF	S	22	23.02	63.75	121.1	0.273
CET2	P	22	17.13	150.51	25.0	0.983
CET2	S	22	35.84	150.51	25.0	0.972
LADO	P	22	20.62	187.29	54.3	-0.100
LADO	S	22	43.04	187.29	54.3	0.251

62 150729 0500 31.3 - G. di Policastro
 Lat: 39.86 Lon: 15.61 Prof: 17.6 Km
 ± 1.00 km ± 1.00 km ± 2.2 km
 RMS: 0.28s GAP: 178.3° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	00	37.97	32.53	85.2	0.114
MMN	S	00	43.04	32.53	85.2	0.390
CET2	P	00	40.06	47.49	142.0	0.427
CET2	S	00	45.66	47.49	142.0	-0.069

63 150729 2123 34.5 - Appennino Lucano
 Lat: 40.60 Lon: 15.33 Prof: 294.6 Km
 ± 2.17 km ± 3.56 km ± 4.4 km
 RMS: 0.53s GAP: 137.8° NR: 70

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	24	16.34	130.80	156.6	0.521
CET2	S	24	46.37	130.80	156.6	0.348
TDS	P	24	17.26	135.41	141.2	0.393
SPS2	P	24	19.55	169.34	149.9	0.694
SPS2	S	24	51.89	169.34	149.9	0.625
CUP2	P	24	19.68	170.74	142.9	0.794
SMIN	P	24	19.84	196.83	157.5	-0.856
ROG2	P	24	20.13	179.76	152.2	0.600
ROG2	S	24	51.88	179.76	152.2	-0.561
LADO	P	24	20.60	203.16	136.4	-0.250
CNDF	P	24	28.10	292.54	171.6	0.000
CNDF	S	25	7.93	292.54	171.6	0.000

64 150730 0332 49.4 - Mar Ionio
 Lat: 38.22 Lon: 18.16 Prof: 50.0 Km
 ± 5.46 km ± 6.93 km ± 4.6 km
 RMS: 0.57s GAP: 310.4° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	33	18.92	203.62	262.5	-0.336
CET2	P	33	23.47	239.78	306.5	0.775

65 150731 1631 18.0 - Scarpata di Paola
 Lat: 39.17 Lon: 15.43 Prof: 3.4 Km
 ± 0.61 km ± 0.72 km ± 2.1 km
 RMS: 0.47s GAP: 129.1° NR: 48

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	31	29.34	59.17	49.2	0.440
CET2	S	31	36.68	59.17	49.2	-0.182
SMIN	P	31	30.55	72.11	108.7	-0.647
SMIN	S	31	40.05	72.11	108.7	-0.793
ROG2	P	31	32.04	76.76	90.2	0.035
ROG2	S	31	41.97	76.76	90.2	-0.270
SPS2	P	31	32.59	78.81	81.1	0.235
SPS2	S	31	42.98	78.81	81.1	0.133
TDS	P	31	34.97	94.11	55.6	0.027
TDS	S	31	47.01	94.11	55.6	-0.318
MMN	P	31	35.32	92.31	31.3	0.602
MMN	S	31	46.65	92.31	31.3	-0.292
ROI	P	31	37.25	106.85	66.0	0.394
ROI	S	31	51.03	106.85	66.0	0.390
LADO	P	31	40.14	133.64	85.0	0.191
LADO	S	31	56.89	133.64	85.0	0.890
CNDF	P	31	41.08	135.45	164.7	0.734
CNDF	S	31	56.74	135.45	164.7	0.054

66 150731 2028 41.9 - Sila Grande
 Lat: 39.34 Lon: 16.61 Prof: 23.3 Km
 ± 3.51 km ± 5.89 km ± 2.9 km
 RMS: 0.49s GAP: 201.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	28	46.77	7.50	304.6	0.182
CUP2	S	28	49.78	7.50	304.6	-0.208