



**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

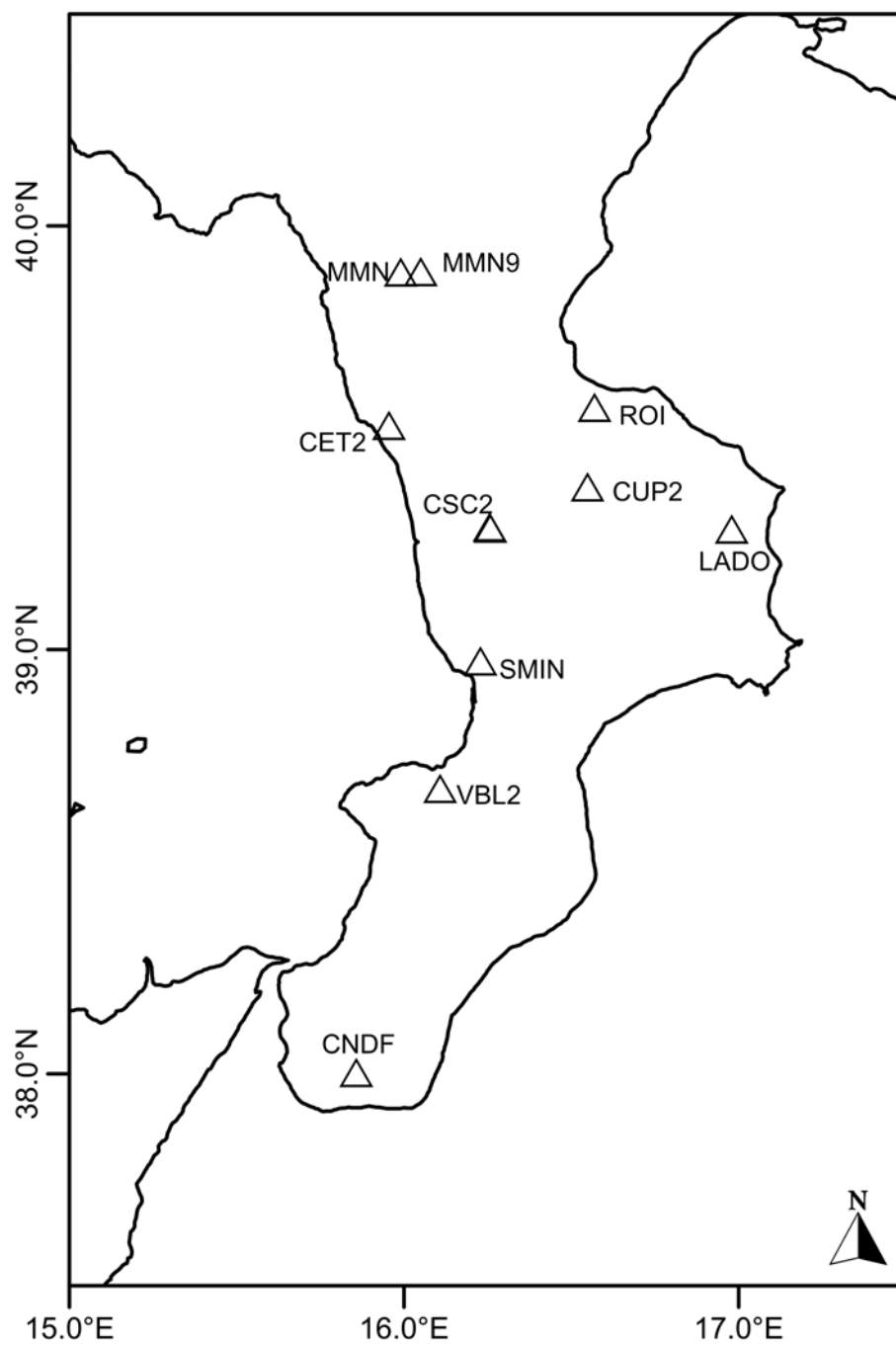
E

DELLE AREE CIRCOSTANTI

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

Periodo 01-15 Agosto 2013

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



Toponomastica delle aree epicentrali



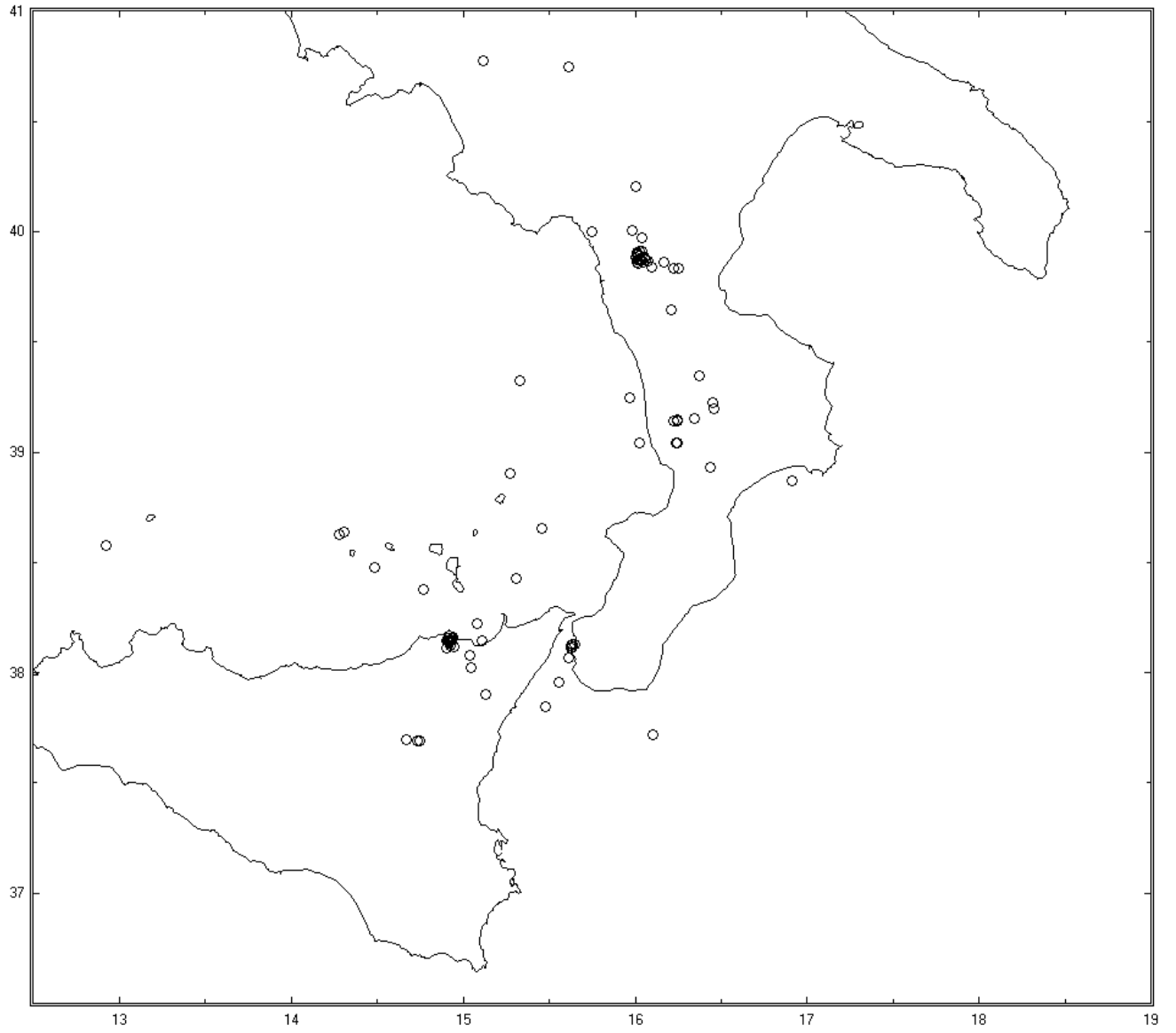
1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	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	
130801	0248	49.1	38.0219	15.0463	5.9	1.2	1.64	0.40	1.40	10	160	0.24	0.09
130801	0322	33.0	37.8985	15.1310	29.2	1.7	1.43	1.46	4.19	19	89	0.72	0.17
130801	0427	4.4	40.0059	15.9845	0.9	1.5	0.68	0.67	1.78	16	127	0.40	0.12
130801	0507	53.4	39.3440	16.3718	15.9	1.8	0.53	0.46	1.51	19	94	0.26	0.06
130801	0712	46.3	39.8722	16.0134	5.9	1.1	0.49	0.50	1.41	17	121	0.24	0.06
130801	0909	32.2	40.7762	15.1158	9.2	2.1	1.01	1.78	3.54	22	216	0.61	0.27
130801	1003	18.9	39.1421	16.2446	15.3	1.6	0.48	0.71	1.64	14	122	0.28	0.08
130801	1925	17.1	39.1431	16.2251	22.3	1.7	0.68	0.92	3.10	31	118	0.53	0.11
130802	0336	59.6	39.8724	16.0591	5.9	2.0	0.47	0.57	1.92	28	96	0.33	0.07
130802	0401	17.5	39.8714	16.0627	6.1	1.2	0.55	0.71	1.53	13	95	0.26	0.08
130802	0401	24.6	39.8599	16.0461	2.3		0.31	0.15	0.18	6	300	0.04	0.06
130802	1058	46.8	38.0666	15.6109	9.3	1.2	0.33	0.25	0.68	12	157	0.12	0.04
130802	1328	37.7	39.8649	16.0766	5.3	1.2	0.60	0.75	1.48	15	113	0.33	0.11
130802	1444	17.7	39.8359	16.2215	4.8	1.4	0.91	0.66	1.91	13	133	0.42	0.13
130802	1931	32.2	37.6906	14.7300	22.6	2.4	0.68	0.94	3.66	50	54	0.63	0.10
130802	1937	27.5	37.6984	14.6714	26.9	1.9	0.92	1.33	3.75	27	62	0.58	0.13
130802	1943	1.4	37.6915	14.7482	19.5	2.1	0.56	0.83	3.13	44	54	0.54	0.09
130802	2149	14.2	39.8570	16.0205	3.4	1.3	0.28	0.52	0.79	8	155	0.14	0.06
130803	0009	37.3	37.8432	15.4770	25.5	1.2	0.64	0.72	1.78	14	150	0.27	0.10
130803	0602	20.7	39.9743	16.0384	2.3	1.6	0.77	1.09	2.52	20	144	0.56	0.17
130803	0940	10.4	39.8604	16.1667	10.7	1.0	0.85	0.87	2.47	15	86	0.43	0.13
130804	0247	46.9	38.5771	12.9232	0.0	3.0	3.40	5.45	3.74	41	308	0.83	0.71
130804	0329	32.7	40.0018	15.7513	2.7	1.2	0.66	1.11	1.58	17	185	0.35	0.16
130804	1010	29.5	38.9331	16.4337	13.7	1.4	0.42	0.48	1.16	12	121	0.20	0.06
130805	0024	20.6	39.1471	16.2432	16.7	1.8	0.52	0.86	2.11	25	122	0.36	0.08
130805	1008	10.7	38.6528	15.4576	154.5	2.2	1.56	3.70	3.49	24	229	0.42	0.20
130805	1812	40.3	38.1304	15.6464	9.3	1.3	0.56	0.51	1.61	15	110	0.28	0.08
130805	1845	41.4	39.8885	16.0164	3.9	0.9	1.21	1.03	2.74	14	113	0.47	0.13
130805	1924	36.0	38.1135	15.6298	12.5	1.0	0.98	0.64	1.65	12	129	0.28	0.08
130805	1939	6.5	38.1254	15.6370	11.0	1.4	0.46	0.33	1.31	19	96	0.23	0.05
130805	2029	35.7	37.9553	15.5530	25.8	1.4	9.01	5.54	5.49	9	215	0.95	0.69
130805	2054	40.4	38.1149	15.6366	9.5	1.3	0.56	0.46	1.40	14	120	0.24	0.07
130805	2113	53.0	38.1189	15.6327	10.3	0.7	0.56	0.57	1.02	12	141	0.18	0.07
130805	2115	9.6	38.1202	15.6304	11.1	1.1	0.39	0.30	1.10	16	99	0.19	0.05
130806	0148	56.6	38.9057	15.2699	285.5	2.8	3.33	3.49	3.78	43	155	0.44	0.13
130806	0213	34.5	39.8601	16.0086	2.8	1.1	0.47	0.79	1.39	15	123	0.31	0.08
130806	0315	30.7	39.2437	15.9649	55.1	1.6	1.51	2.46	5.69	29	131	0.73	0.17
130806	0352	14.9	39.8350	16.2545	8.0	1.5	0.65	0.53	1.26	15	158	0.28	0.10
130806	0433	8.4	38.2226	15.0793	5.3	1.6	0.61	0.38	1.78	22	94	0.31	0.07
130806	1126	38.1	40.7489	15.6114	3.7	1.2	1.34	2.22	3.51	12	183	0.60	0.32
130806	1413	58.9	39.8821	16.0564	5.0	0.7	0.76	0.74	2.07	15	116	0.36	0.10
130806	1416	0.2	39.9106	16.0225	6.2		0.25	0.27	0.31	8	241	0.05	0.03
130806	1854	57.4	39.8845	16.0047	2.3		0.81	0.79	1.36	8	124	0.30	0.11
130806	1955	6.3	38.4786	14.4854	0.0	1.8	0.62	0.72	1.63	13	128	0.36	0.11
130808	0257	6.0	39.2233	16.4503	26.5	1.6	0.86	0.78	2.49	20	96	0.38	0.09
130808	1114	7.1	39.0420	16.2405	15.2	2.0	0.64	0.85	2.76	28	87	0.48	0.10
130808	1522	33.8	39.3248	15.3272	235.8	2.1	3.89	5.20	3.48	15	267	0.42	0.34
130808	1610	58.0	39.0433	16.0271	27.0	2.9	0.59	0.87	3.33	41	101	0.43	0.07
130808	2355	56.4	40.2056	16.0041	7.3	1.5	0.79	0.89	2.36	15	101	0.41	0.14
130809	0142	42.2	39.0424	16.2418	10.9	1.5	0.57	0.78	1.60	12	122	0.28	0.10
130809	0213	35.0	39.6471	16.2106	0.1	1.2	0.53	0.68	1.70	20	84	0.38	0.09
130809	0408	58.7	38.0789	15.0403	15.7	2.1	0.57	0.29	1.44	28	127	0.25	0.05
130810	1242	56.7	39.8800	16.0538	1.4	1.2	0.52	0.75	1.21	14	184	0.27	0.11
130810	1435	32.2	38.1440	15.1107	13.4	2.3	0.93	0.50	2.36	24	76	0.41	0.09
130810	2122	3.0	38.6272	14.2781	14.5	2.5	1.47	1.14	3.37	20	135	0.52	0.18
130810	2304	1.7	38.6381	14.3097	16.0	3.8	1.03	0.98	4.26	55	114	0.66	0.13
130811	0425	8.3	39.8407	16.0939	8.1	1.1	0.63	0.75	1.92	14	106	0.33	0.10

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
130811	1113	41.2	39.8751	16.0244	7.6	1.7	0.66	0.65	1.80	26	137	0.31	0.07
130811	1600	7.7	39.9123	16.0388	2.7	0.8	0.77	0.75	1.29	8	124	0.29	0.12
130812	1545	24.7	39.9073	16.0073	7.6	1.6	1.02	1.10	2.17	21	117	0.37	0.09
130812	1828	0.9	39.8597	16.0116	5.5		0.44	0.19	0.19	5	289	0.03	0.05
130812	2214	29.7	39.8708	16.0306	2.3		0.67	0.19	0.30	6	267	0.07	0.10
130813	0343	50.1	37.7171	16.1053	30.0	1.9	1.20	3.01	3.48	22	232	0.54	0.35
130813	2355	15.0	38.4287	15.3062	122.9	2.0	2.23	2.97	3.53	20	125	0.44	0.18
130814	0008	45.5	39.1549	16.3410	16.1	0.9	1.11	1.41	3.05	11	115	0.53	0.18
130814	0037	50.8	38.8685	16.9086	0.5	1.5	1.36	1.37	1.96	15	255	0.43	0.33
130814	0144	16.8	39.1946	16.4542	11.4	0.8	0.91	0.95	2.53	12	87	0.44	0.13
130814	0150	55.6	39.8746	16.0227	5.9	0.9	0.32	0.75	0.55	11	192	0.10	0.06
130815	1027	34.2	38.3751	14.7653	113.6	2.1	3.37	1.42	2.75	19	174	0.34	0.18
130815	1336	22.6	39.8923	16.0079	3.4	0.7	1.07	0.90	2.04	12	111	0.35	0.10
130815	2047	2.9	39.8989	16.0099	5.2	0.9	0.50	0.49	1.33	16	115	0.23	0.06
130815	2304	57.9	38.1693	14.9188	25.6	4.4	0.52	0.50	2.89	89	39	0.45	0.05
130815	2306	50.8	38.1622	14.9401	25.0	4.2	0.50	0.52	2.85	103	36	0.44	0.05
130815	2310	14.3	38.1218	14.9281	20.7	2.6	1.27	0.63	2.17	19	99	0.37	0.10
130815	2310	55.8	38.1184	14.9452	21.8	2.6	1.17	0.83	2.75	22	95	0.47	0.12
130815	2312	42.8	38.1094	14.9019	29.9	1.3	1.50	0.75	2.12	18	84	0.37	0.09
130815	2313	52.9	38.1440	14.9301	14.2	2.0	1.02	0.70	2.92	22	54	0.50	0.11
130815	2318	3.3	38.1430	14.9254	19.7	2.0	0.89	0.72	2.60	23	77	0.45	0.09
130815	2321	12.6	38.1424	14.9103	19.4	2.0	1.02	0.56	2.06	24	112	0.36	0.09
130815	2323	33.1	38.1534	14.9355	18.0	1.3	0.72	0.50	2.08	28	51	0.36	0.07
130815	2324	21.1	38.1466	14.9171	17.9	2.1	0.74	0.55	2.01	19	73	0.35	0.08
130815	2325	0.3	38.1437	14.9045	18.0	1.8	1.10	0.71	2.32	17	68	0.40	0.11
130815	2331	22.6	38.1322	14.9180	15.7	1.9	0.77	0.48	1.83	19	106	0.32	0.08
130815	2347	58.3	38.1387	14.9197	19.5	2.1	0.86	0.65	2.69	32	48	0.46	0.08
130815	2352	50.0	38.1537	14.9108	20.0	2.4	0.61	0.51	2.32	46	40	0.40	0.06
130815	2358	13.8	38.1450	14.9133	17.3	2.0	0.65	0.49	2.00	26	62	0.35	0.07

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 130801 0248 49.0 - M. Peloritani
 Lat: 38.02 Lon: 15.04 Prof: 5.9 Km
 ± 1.64 km ± 0.40 km ± 1.4 km
 RMS: 0.24s GAP: 160.6° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	49	1.57	71.24	92.2	-0.278
CNDF	S	49	11.65	71.24	92.2	0.457

2 130801 0322 33.0 - M. Peloritani
 Lat: 37.89 Lon: 15.13 Prof: 29.2 Km
 ± 1.43 km ± 1.46 km ± 4.2 km
 RMS: 0.72s GAP: 89.1° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	22	46.15	64.87	80.1	0.570
CNDF	S	22	55.21	64.87	80.1	0.414

3 130801 0427 04.3 - Maratea - Rotonda
 Lat: 40.00 Lon: 15.98 Prof: .9 Km
 ± 0.68 km ± 0.67 km ± 1.8 km
 RMS: 0.40s GAP: 127.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	27	7.08	13.85	156.2	-0.378
MMN9	S	27	10.30	13.85	156.2	0.563
CET2	P	27	14.59	53.03	182.9	0.023
CET2	S	27	22.14	53.03	182.9	0.093

4 130801 0507 53.4 - Sila Grande
 Lat: 39.34 Lon: 16.37 Prof: 15.9 Km
 ± 0.53 km ± 0.46 km ± 1.5 km
 RMS: 0.26s GAP: 94.4° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	07	57.23	11.66	238.5	0.163
SCOI	S	08	-.44	11.66	238.5	-0.173
CSC2	P	07	57.27	11.73	236.8	0.186
CSC2	S	08	-.38	11.73	236.8	-0.145
CET2	P	08	1.49	41.36	299.8	-0.125
CET2	S	08	7.31	41.36	299.8	-0.295

5 130801 0712 46.3 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.01 Prof: 5.9 Km
 ± 0.49 km ± 0.50 km ± 1.4 km
 RMS: 0.24s GAP: 121.1° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	12	47.87	2.84	316.9	0.081
MMN	S	12	48.87	2.84	316.9	0.005
MMN9	P	12	47.96	3.84	55.5	0.053
MMN9	S	12	49.15	3.84	55.5	0.079
CET2	P	12	53.93	38.46	187.7	0.234
CET2	S	12	59.11	38.46	187.7	0.011

6 130801 0909 32.1 - Cilento
 Lat: 40.77 Lon: 15.11 Prof: 9.2 Km
 ± 1.01 km ± 1.78 km ± 3.5 km
 RMS: 0.61s GAP: 216.0° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	09	58.27	155.85	153.2	0.468
CET2	S	10	17.10	155.85	153.2	0.549

7 130801 1003 18.9 - Amantea - M.Reventino
 Lat: 39.14 Lon: 16.24 Prof: 15.3 Km
 ± 0.48 km ± 0.71 km ± 1.6 km
 RMS: 0.28s GAP: 122.1° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CSC2	P	03	23.29	16.05	4.1	0.300
CSC2	S	03	25.97	16.05	4.1	-0.011
SMIN	P	03	23.67	18.83	184.3	0.270
SMIN	S	03	26.51	18.83	184.3	-0.186
CET2	P	03	28.15	49.68	329.9	-0.300
CET2	S	03	35.52	49.68	329.9	0.084

8 130801 1925 17.1 - Amantea - M.Reventino
 Lat: 39.14 Lon: 16.22 Prof: 22.3 Km
 ± 0.68 km ± 0.92 km ± 3.1 km
 RMS: 0.53s GAP: 118.7° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
CSC2	P	25	22.39	16.14	10.1	0.255
CSC2	S	25	25.09	16.14	10.1	-0.704
SCOI	P	25	22.40	16.44	9.5	0.239
SCOI	S	25	25.13	16.44	9.5	-0.706
CET2	P	25	27.33	48.75	331.5	0.419
CET2	S	25	33.72	48.75	331.5	-0.339
LADO	P	25	30.37	66.98	76.3	0.686
LADO	S	25	39.33	66.98	76.3	0.469

9 130802 0336 59.6 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.05 Prof: 5.9 Km
 ± 0.47 km ± 0.57 km ± 1.9 km
 RMS: 0.33s GAP: 96.1° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	37	1.11	2.28	341.1	0.006
MMN9	S	37	2.00	2.28	341.1	-0.181
MMN	P	37	1.58	6.20	289.4	0.113
MMN	S	37	2.60	6.20	289.4	-0.210
CET2	P	37	6.91	39.18	193.4	-0.230
CET2	S	37	12.23	39.18	193.4	-0.410
CSC2	P	37	12.56	67.27	165.3	0.845
CSC2	S	37	20.56	67.27	165.3	0.004

10 130802 0401 17.5 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.06 Prof: 6.1 Km
 ± 0.55 km ± 0.71 km ± 1.5 km
 RMS: 0.26s GAP: 95.6° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	01	19.02	2.50	335.1	-0.033
MMN9	S	01	19.88	2.50	335.1	-0.283
MMN	P	01	19.51	6.53	289.4	0.073
MMN	S	01	20.50	6.53	289.4	-0.323
CET2	P	01	25.00	39.15	193.8	-0.040
CET2	S	01	30.00	39.15	193.8	-0.532

11 130802 0401 24.6 - Alto Tirreno Cosentino
 Lat: 39.85 Lon: 16.04 Prof: 2.3 Km
 ± 0.31 km ± 0.15 km ± 0.2 km
 RMS: 0.04s GAP: 300.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	01	25.66	3.56	6.0	-0.029
MMN9	S	01	26.52	3.56	6.0	0.034
MMN	P	01	26.12	5.85	306.0	0.035
MMN	S	01	27.13	5.85	306.0	-0.039

12 130802 1058 46.8 - Stretto di Messina
 Lat: 38.06 Lon: 15.61 Prof: 9.3 Km
 ± 0.33 km ± 0.25 km ± 0.7 km
 RMS: 0.12s GAP: 157.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	58	51.56	22.73	108.3	0.101
CNDF	S	58	54.63	22.73	108.3	-0.230

13 130802 1328 37.6 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.07 Prof: 5.3 Km
 ± 0.60 km ± 0.75 km ± 1.5 km
 RMS: 0.33s GAP: 113.3° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	28	39.45	3.74	323.3	0.116
MMN9	S	28	40.34	3.74	323.3	-0.186
MMN	P	28	40.07	7.90	291.5	0.145
MMN	S	28	41.35	7.90	291.5	-0.205
CET2	P	28	45.50	38.75	195.8	-0.109
CET2	S	28	50.92	38.75	195.8	-0.479

14 130802 1444 17.6 - Alto Tirreno Cosentino
 Lat: 39.83 Lon: 16.22 Prof: 4.8 Km
 ± 0.91 km ± 0.66 km ± 1.9 km
 RMS: 0.42s GAP: 133.6° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	44	21.46	15.91	293.1	0.007
MMN9	S	44	24.59	15.91	293.1	0.379
MMN	P	44	22.29	20.68	287.2	-0.058
MMN	S	44	25.61	20.68	287.2	-0.153
CET2	P	44	25.76	41.07	214.0	-0.298
CET2	S	44	31.41	41.07	214.0	-0.783

15 130802 1931 32.1 - M. Nebrodi-Madonie
Lat: 37.69 Lon: 14.73 Prof: 22.6 Km
± 0.68 km ± 0.94 km ± 3.7 km
RMS: 0.63s GAP: 54.2° NR: 50

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	31	50.32	105.09	71.3	-0.438
CNDF	S	32	5.22	105.09	71.3	0.844
SMIN	P	32	2.61	193.43	43.1	-0.010
SMIN	S	32	24.00	193.43	43.1	-0.918
CET2	P	32	6.10	230.23	28.2	0.732

16 130802 1937 27.5 - M. Nebrodi-Madonie
Lat: 37.69 Lon: 14.67 Prof: 26.9 Km
± 0.92 km ± 1.33 km ± 3.8 km
RMS: 0.58s GAP: 62.2° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	37	46.78	109.70	72.6	0.508
CNDF	S	38	.70	109.70	72.6	0.703

17 130802 1943 01.3 - M. Nebrodi-Madonie
Lat: 37.69 Lon: 14.74 Prof: 19.5 Km
± 0.56 km ± 0.83 km ± 3.1 km
RMS: 0.54s GAP: 54.0° NR: 44

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	43	19.46	103.55	71.1	-0.475
CNDF	S	43	33.96	103.55	71.1	0.432
CET2	P	43	35.30	229.41	27.8	0.492
CET2	S	44	.26	229.41	27.8	0.977

18 130802 2149 14.2 - Alto Tirreno Cosentino
Lat: 39.85 Lon: 16.02 Prof: 3.4 Km
± 0.28 km ± 0.52 km ± 0.8 km
RMS: 0.14s GAP: 155.4° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	49	15.54	4.54	325.9	-0.021
MMN	S	49	16.64	4.54	325.9	0.090
MMN9	P	49	15.59	4.63	33.6	-0.005
MMN9	S	49	16.60	4.63	33.6	-0.015
CET2	P	49	21.49	36.88	189.0	0.178
CET2	S	49	26.28	36.88	189.0	-0.235

19 130803 0009 37.3 - Coste Sicilia Or.
Lat: 37.84 Lon: 15.47 Prof: 25.5 Km
± 0.64 km ± 0.72 km ± 1.8 km
RMS: 0.27s GAP: 150.5° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	09	45.88	37.85	62.4	0.407
CNDF	S	09	51.54	37.85	62.4	0.094

20 130803 0602 20.6 - Maratea - Rotonda
Lat: 39.97 Lon: 16.03 Prof: 2.3 Km
± 0.77 km ± 1.09 km ± 2.5 km
RMS: 0.56s GAP: 144.4° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	02	22.98	10.13	203.9	-0.035
MMN	S	02	24.80	10.13	203.9	0.058
MMN9	P	02	23.17	9.21	173.8	0.336
MMN9	S	02	24.61	9.21	173.8	0.181
CET2	P	02	29.60	49.98	188.4	-0.541
CET2	S	02	36.89	49.98	188.4	-0.189

21 130803 0940 10.4 - Alto Tirreno Cosentino
Lat: 39.86 Lon: 16.16 Prof: 10.7 Km
± 0.85 km ± 0.87 km ± 2.5 km
RMS: 0.43s GAP: 86.0° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	40	13.89	15.44	282.7	-0.210
MMN9	P	40	14.03	10.55	289.4	0.563
MMN9	S	40	15.84	10.55	289.4	0.126
CET2	P	40	18.36	41.07	206.4	-0.052
CET2	S	40	23.85	41.07	206.4	-0.432

22 130804 0247 46.9 - M. Tirreno
Lat: 38.57 Lon: 12.92 Prof: 0.0 Km
± 3.40 km ± 5.45 km ± 3.7 km
RMS: 0.83s GAP: 308.7° NR: 41

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	48	27.89	264.53	105.1	0.000
CNDF	S	48	58.91	264.53	105.1	0.000
CET2	P	48	29.90	282.90	69.2	0.000
CET2	S	48	58.35	282.90	69.2	0.000
CET2	P	48	32.19	282.90	69.2	0.000
CSC2	P	48	32.19	299.70	75.8	0.000
SCOI	P	48	32.22	299.66	75.7	0.000
SCOI	S	49	3.79	299.66	75.7	0.000

23 130804 0329 32.7 - Maratea - Rotonda
Lat: 40.00 Lon: 15.75 Prof: 2.7 Km
± 0.66 km ± 1.11 km ± 1.6 km
RMS: 0.35s GAP: 185.3° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	29	37.25	23.87	121.3	-0.181
MMN	S	29	40.74	23.87	121.3	-0.134
MMN9	P	29	38.43	28.32	115.8	0.209
MMN9	S	29	42.85	28.32	115.8	0.609
CET2	P	29	43.27	55.33	161.9	0.189
CET2	S	29	50.45	55.33	161.9	-0.204

24 130804 1010 29.5 - Stretta di Catanzaro
Lat: 38.93 Lon: 16.43 Prof: 13.7 Km
± 0.42 km ± 0.48 km ± 1.2 km
RMS: 0.20s GAP: 121.3° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	10	33.86	18.35	283.9	0.031
SMIN	S	10	36.87	18.35	283.9	-0.103

25 130805 0024 20.6 - Amantea - M.Reventino
Lat: 39.14 Lon: 16.24 Prof: 16.7 Km
± 0.52 km ± 0.86 km ± 2.1 km
RMS: 0.36s GAP: 122.2° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
CSC2	P	24	25.18	15.50	4.7	0.377
CSC2	S	24	27.13	15.50	4.7	-0.737
SCOI	P	24	25.19	15.82	4.2	0.356
SCOI	S	24	27.93	15.82	4.2	0.013
SMIN	P	24	25.60	19.37	183.8	0.261
SMIN	S	24	28.47	19.37	183.8	-0.323
CET2	P	24	30.10	49.14	329.7	-0.032
CET2	S	24	37.34	49.14	329.7	0.242
LADO	P	24	32.96	65.36	76.3	0.322

26 130805 1008 10.7 - Canyon di Stromboli
Lat: 38.65 Lon: 15.45 Prof: 154.5 Km
± 1.56 km ± 3.70 km ± 3.5 km
RMS: 0.42s GAP: 229.7° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	08	33.64	75.78	62.3	-0.459
SMIN	S	08	50.87	75.78	62.3	-0.328
CNDF	P	08	34.46	80.12	154.5	0.284
CNDF	S	08	51.94	80.12	154.5	0.604
CET2	P	08	36.10	106.33	24.2	0.721
CET2	S	08	54.34	106.33	24.2	0.927
LADO	P	08	39.17	149.33	62.0	-0.219
LADO	S	09	1.11	149.33	62.0	0.745

27 130805 1812 40.2 - Stretto di Messina
Lat: 38.13 Lon: 15.64 Prof: 9.3 Km
± 0.56 km ± 0.51 km ± 1.6 km
RMS: 0.28s GAP: 110.5° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES	SCOI	S	50	4.19	95.38	63.8	0.807
CNDF	P	12	45.22	23.26	127.6	0.226	LADO	P	49	38.09	153.73	74.2	0.211
CNDF	S	12	48.71	23.26	127.6	0.248	LADO	S	50	7.49	153.73	74.2	-0.608
28	130805	1845	41.3	-	Alto Tirreno	Cosentino	36	130806	0213	34.5	-	Alto Tirreno	Cosentino
Lat:	39.88	Lon:	16.01	Prof:	3.9 Km		Lat:	39.86	Lon:	16.00	Prof:	2.8 Km	
±	1.21 km	±	1.03 km	±	2.7 km		±	0.47 km	±	0.79 km	±	1.4 km	
RMS:	0.47s	GAP:	113.9°	NR:	14		RMS:	0.31s	GAP:	123.2°	NR:	15	
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	45	42.47	2.22	276.9	-0.006	MMN	P	13	35.69	3.74	335.9	0.005
MMN	S	45	43.21	2.22	276.9	-0.084	MMN	S	13	36.56	3.74	335.9	0.018
MMN9	P	45	42.71	2.92	82.8	0.135	MMN9	P	13	36.46	5.02	45.5	0.538
MMN9	S	45	43.63	2.92	82.8	0.162	MMN9	S	13	36.20	5.02	45.5	-0.754
29	130805	1924	35.9	-	Stretto di Messina		CET2	P	13	41.64	37.07	187.3	-0.051
Lat:	38.11	Lon:	15.62	Prof:	12.5 Km		CET2	S	13	46.64	37.07	187.3	-0.304
±	0.98 km	±	0.64 km	±	1.6 km		37	130806	0315	30.7	-	Bacino di Paola	
RMS:	0.28s	GAP:	129.2°	NR:	12		Lat:	39.24	Lon:	15.96	Prof:	55.1 Km	
STN	PHASE	MN	SEC	DIST	AZM	RES	±	1.51 km	±	2.46 km	±	5.7 km	
CNDF	P	24	41.17	23.41	121.8	0.234	RMS:	0.73s	GAP:	131.5°	NR:	29	
CNDF	S	24	44.70	23.41	121.8	0.135	STN	PHASE	MN	SEC	DIST	AZM	RES
30	130805	1939	06.5	-	Stretto di Messina		SCOI	P	15	39.92	25.66	78.7	-0.087
Lat:	38.12	Lon:	15.63	Prof:	11.0 Km		SCOI	S	15	46.42	25.66	78.7	-0.397
±	0.46 km	±	0.33 km	±	1.3 km		CSC2	P	15	39.92	25.71	79.5	-0.099
RMS:	0.23s	GAP:	96.4°	NR:	19		CSC2	S	15	46.55	25.71	79.5	-0.292
STN	PHASE	MN	SEC	DIST	AZM	RES	CET2	P	15	40.64	31.66	358.6	0.593
CNDF	P	39	11.63	23.60	125.4	0.194	CET2	S	15	47.52	31.66	358.6	0.633
CNDF	S	39	15.19	23.60	125.4	0.174	38	130806	0352	14.8	-	Catena del Pollino	
31	130805	2029	35.6	-	Stretto di Messina		Lat:	39.83	Lon:	16.25	Prof:	8.0 Km	
Lat:	37.95	Lon:	15.55	Prof:	25.8 Km		±	0.65 km	±	0.53 km	±	1.3 km	
±	9.01 km	±	5.54 km	±	5.5 km		RMS:	0.28s	GAP:	158.1°	NR:	15	
RMS:	0.95s	GAP:	215.5°	NR:	9		STN	PHASE	MN	SEC	DIST	AZM	RES
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN9	P	52	18.82	18.57	289.9	-0.093
CNDF	P	29	43.05	27.25	79.1	0.620	MMN9	S	52	21.57	18.57	289.9	-0.307
CNDF	S	29	46.68	27.25	79.1	-0.697	MMN	P	52	20.21	23.41	285.4	0.540
32	130805	2054	40.4	-	Stretto di Messina		MMN	S	52	23.08	23.41	285.4	-0.101
Lat:	38.11	Lon:	15.63	Prof:	9.5 Km		CET2	P	52	23.10	42.64	217.2	-0.003
±	0.56 km	±	0.46 km	±	1.4 km		CET2	S	52	28.75	42.64	217.2	-0.376
RMS:	0.24s	GAP:	120.1°	NR:	14		39	130806	0433	08.3	-	Milazzo	
STN	PHASE	MN	SEC	DIST	AZM	RES	Lat:	38.22	Lon:	15.07	Prof:	5.3 Km	
CNDF	P	54	45.43	22.98	122.9	0.297	±	0.61 km	±	0.38 km	±	1.8 km	
CNDF	S	54	48.77	22.98	122.9	0.197	RMS:	0.31s	GAP:	94.8°	NR:	22	
33	130805	2113	52.9	-	Stretto di Messina		STN	PHASE	MN	SEC	DIST	AZM	RES
Lat:	38.11	Lon:	15.63	Prof:	10.3 Km		CNDF	P	33	20.90	72.44	110.1	-0.452
±	0.56 km	±	0.57 km	±	1.0 km		CNDF	S	33	31.11	72.44	110.1	0.251
RMS:	0.18s	GAP:	141.0°	NR:	12		40	130806	1126	38.1	-	Appennino Lucano	
STN	PHASE	MN	SEC	DIST	AZM	RES	Lat:	40.74	Lon:	15.61	Prof:	3.7 Km	
CNDF	P	13	57.96	23.51	123.4	0.150	±	1.34 km	±	2.22 km	±	3.5 km	
CNDF	S	14	1.61	23.51	123.4	0.263	RMS:	0.60s	GAP:	183.7°	NR:	12	
34	130805	2115	09.5	-	Stretto di Messina		STN	PHASE	MN	SEC	DIST	AZM	RES
Lat:	38.12	Lon:	15.63	Prof:	11.1 Km		MMN9	P	14	.34	1.19	334.5	0.138
±	0.39 km	±	0.30 km	±	1.1 km		MMN9	S	14	1.10	1.19	334.5	-0.031
RMS:	0.19s	GAP:	99.9°	NR:	16		MMN	P	14	.65	5.71	279.9	0.043
STN	PHASE	MN	SEC	DIST	AZM	RES	MMN	S	14	1.52	5.71	279.9	-0.308
CNDF	P	15	14.70	23.76	123.4	0.195	CET2	P	14	6.52	40.19	192.7	-0.094
CNDF	S	15	18.27	23.76	123.4	0.160	CET2	S	14	11.60	40.19	192.7	-0.636
35	130806	0148	56.5	-	Piana batiale del Tirreno		41	130806	1413	58.9	-	Alto Tirreno	Cosentino
Lat:	38.90	Lon:	15.26	Prof:	285.5 Km		Lat:	39.88	Lon:	16.05	Prof:	5.0 Km	
±	3.33 km	±	3.49 km	±	3.8 km		±	0.76 km	±	0.74 km	±	2.1 km	
RMS:	0.44s	GAP:	155.9°	NR:	43		RMS:	0.36s	GAP:	116.8°	NR:	15	
STN	PHASE	MN	SEC	DIST	AZM	RES	STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	49	34.66	91.00	40.9	0.380	MMN9	P	14	.34	1.19	334.5	0.138
CSC2	P	49	34.85	95.34	64.0	-0.314	MMN9	S	14	1.10	1.19	334.5	-0.031
CSC2	S	50	3.58	95.34	64.0	0.184	MMN	P	14	.65	5.71	279.9	0.043
SCOI	P	49	35.25	95.38	63.8	0.092	MMN	S	14	1.52	5.71	279.9	-0.308
42	130806	1416	00.2	-	Maratea - Rotonda		CET2	P	14	6.52	40.19	192.7	-0.094
Lat:	39.91	Lon:	16.02	Prof:	6.2 Km		CET2	S	14	11.60	40.19	192.7	-0.636
±	0.25 km	±	0.27 km	±	0.3 km		42	130806	1416	00.2	-	Maratea - Rotonda	
RMS:	0.05s	GAP:	241.7°	NR:	8		Lat:	39.91	Lon:	16.02	Prof:	6.2 Km	
STN	PHASE	MN	SEC	DIST	AZM	RES	±	0.25 km	±	0.27 km	±	0.3 km	
MMN	P	16	1.84	3.50	231.3	-0.005	RMS:	0.05s	GAP:	241.7°	NR:	8	

MMN S 16 3.04 3.50 231.3 0.045
 MMN9 P 16 1.84 3.16 131.3 -0.010
 MMN9 S 16 3.02 3.16 131.3 0.010
 CET2 P 16 8.47 42.79 188.0 0.064
 CET2 S 16 14.28 42.79 188.0 -0.078

43 130806 1854 57.3 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.00 Prof: 2.3 Km
 \pm 0.81 km \pm 0.79 km \pm 1.4 km
 RMS: 0.30s GAP: 124.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	54	58.19	1.39	300.3	0.027
MMN	S	54	58.84	1.39	300.3	0.110
MMN9	P	54	58.45	3.98	78.3	-0.091
MMN9	S	54	59.44	3.98	78.3	0.047
CET2	P	55	5.50	39.73	186.4	0.402
CET2	S	55	10.20	39.73	186.4	-0.545

44 130806 1955 06.3 - Bacino di Alicudi
 Lat: 38.47 Lon: 14.48 Prof: 0.0 Km
 \pm 0.62 km \pm 0.72 km \pm 1.6 km
 RMS: 0.36s GAP: 128.7° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	55	29.52	131.18	114.4	0.228

45 130808 0257 05.9 - Sila Grande
 Lat: 39.22 Lon: 16.45 Prof: 26.5 Km
 \pm 0.86 km \pm 0.78 km \pm 2.5 km
 RMS: 0.38s GAP: 96.8° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CSC2	P	57	11.99	18.03	292.8	0.258
CSC2	S	57	15.76	18.03	292.8	-0.176
SCOI	P	57	11.99	18.27	293.6	0.242
SCOI	S	57	15.61	18.27	293.6	-0.354
LADO	P	57	15.34	46.15	81.3	-0.055
LADO	S	57	22.41	46.15	81.3	0.129
CET2	P	57	16.75	54.54	308.5	0.388
CET2	S	57	24.24	54.54	308.5	0.287

46 130808 1114 07.1 - Amantea - M.Reventino
 Lat: 39.04 Lon: 16.24 Prof: 15.2 Km
 \pm 0.64 km \pm 0.85 km \pm 2.8 km
 RMS: 0.48s GAP: 87.6° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	14	13.02	27.49	2.9	0.204
SCOI	S	14	17.00	27.49	2.9	0.007
CET2	P	14	18.28	59.41	335.6	-0.006
LADO	P	14	20.06	69.27	66.9	0.326
LADO	S	14	29.75	69.27	66.9	0.777
MMN	P	14	24.96	96.67	347.2	0.507
MMN	S	14	37.03	96.67	347.2	-0.122

47 130808 1522 33.8 - Piana batiale del Tirreno
 Lat: 39.32 Lon: 15.32 Prof: 235.8 Km
 \pm 3.89 km \pm 5.20 km \pm 3.5 km
 RMS: 0.42s GAP: 267.1° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	23	9.43	142.57	91.9	-0.489

48 130808 1610 57.9 - G. di S. Eufemia
 Lat: 39.04 Lon: 16.02 Prof: 27.0 Km
 \pm 0.59 km \pm 0.87 km \pm 3.3 km
 RMS: 0.43s GAP: 101.4° NR: 41

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	11	5.48	33.74	36.0	0.238
SCOI	S	11	10.25	33.74	36.0	-0.304
CET2	P	11	8.36	54.26	353.5	0.862
CET2	S	11	14.95	54.26	353.5	0.489
LADO	P	11	12.67	86.52	71.8	0.392
LADO	S	11	22.82	86.52	71.8	0.076
MMN	P	11	13.83	94.15	358.2	0.082
MMN	S	11	24.84	94.15	358.2	-0.442

49 130808 2355 56.4 - Vallo di Diano
 Lat: 40.20 Lon: 16.00 Prof: 7.3 Km
 \pm 0.79 km \pm 0.89 km \pm 2.4 km
 RMS: 0.41s GAP: 101.6° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	56	3.04	35.06	173.7	-0.026
MMN9	S	56	7.84	35.06	173.7	-0.099

50 130809 0142 42.1 - Amantea - M.Reventino
 Lat: 39.04 Lon: 16.24 Prof: 10.9 Km
 \pm 0.57 km \pm 0.78 km \pm 1.6 km
 RMS: 0.28s GAP: 122.7° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	42	53.29	59.41	335.4	0.052
CET2	S	43	.60	59.41	335.4	-0.740

51 130809 0213 34.9 - Valle dell'Esaro
 Lat: 39.64 Lon: 16.21 Prof: .1 Km
 \pm 0.53 km \pm 0.68 km \pm 1.7 km
 RMS: 0.38s GAP: 84.4° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	13	40.22	25.61	239.3	-0.327
CET2	S	13	44.30	25.61	239.3	-0.340
MMN9	P	13	41.01	30.45	333.3	-0.168
MMN9	S	13	45.79	30.45	333.3	0.056

52 130809 0408 58.6 - M. Peloritani
 Lat: 38.07 Lon: 15.04 Prof: 15.7 Km
 \pm 0.57 km \pm 0.29 km \pm 1.4 km
 RMS: 0.25s GAP: 127.9° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	09	11.59	72.20	97.2	-0.208
CNDF	S	09	21.08	72.20	97.2	-0.321

53 130810 1242 56.6 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.05 Prof: 1.4 Km
 \pm 0.52 km \pm 0.75 km \pm 1.2 km
 RMS: 0.27s GAP: 184.5° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	42	57.18	1.35	347.5	-0.117
MMN9	S	42	57.65	1.35	347.5	-0.098
MMN	P	42	58.06	5.54	282.7	0.050
MMN	S	42	59.19	5.54	282.7	0.205
CET2	P	43	4.50	39.90	192.5	-0.050
CET2	S	43	10.00	39.90	192.5	-0.314

54 130810 1435 32.2 - Milazzo
 Lat: 38.14 Lon: 15.11 Prof: 13.4 Km
 \pm 0.93 km \pm 0.50 km \pm 2.4 km
 RMS: 0.41s GAP: 76.4° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	35	44.38	67.33	103.9	-0.079
CNDF	S	35	54.31	67.33	103.9	0.893

55 130810 2122 03.0 - Piana batiale del Tirreno
 Lat: 38.62 Lon: 14.27 Prof: 14.5 Km
 \pm 1.47 km \pm 1.14 km \pm 3.4 km
 RMS: 0.52s GAP: 135.8° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	22	29.51	176.25	56.1	0.988

56 130810 2304 01.6 - Piana batiale del Tirreno
 Lat: 38.63 Lon: 14.30 Prof: 16.0 Km
 \pm 1.03 km \pm 0.98 km \pm 4.3 km
 RMS: 0.66s GAP: 114.7° NR: 55

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	04	25.13	152.59	118.2	-0.140
CNDF	S	04	43.34	152.59	118.2	0.777
VBL2	P	04	26.11	156.58	89.2	-0.144
VBL2	S	04	44.29	156.58	89.2	0.032

CSC2	P	04	29.40	183.54	67.5	-0.346
CSC2	S	04	49.89	183.54	67.5	-0.412
SCOI	P	04	29.44	183.55	67.4	-0.302
SCOI	S	04	49.40	183.55	67.4	-0.896
MMN	P	04	32.42	200.96	46.9	0.320
MMN	S	04	53.43	200.96	46.9	-0.956
LADO	P	04	36.88	242.23	73.2	0.182

57 130811 0425 08.3 - Alto Tirreno Cosentino
Lat: 39.84 Lon: 16.09 Prof: 8.1 Km
± 0.63 km ± 0.75 km ± 1.9 km
RMS: 0.33s GAP: 106.2° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	25	10.80	6.79	326.9	0.143
MMN9	S	25	12.22	6.79	326.9	-0.146
MMN	P	25	11.16	10.44	302.4	0.054
MMN	S	25	12.62	10.44	302.4	-0.523
CET2	P	25	15.48	36.63	199.2	-0.054
CET2	S	25	20.20	36.63	199.2	-0.614

58 130811 1113 41.2 - Alto Tirreno Cosentino
Lat: 39.87 Lon: 16.02 Prof: 7.6 Km
± 0.66 km ± 0.65 km ± 1.8 km
RMS: 0.31s GAP: 137.6° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	13	43.01	3.38	301.3	0.005
MMN	S	13	44.23	3.38	301.3	-0.078
MMN9	P	13	43.03	2.89	50.1	0.024
MMN9	S	13	44.21	2.89	50.1	-0.100

59 130811 1600 07.7 - Alto Tirreno Cosentino
Lat: 39.91 Lon: 16.03 Prof: 2.7 Km
± 0.77 km ± 0.75 km ± 1.3 km
RMS: 0.29s GAP: 124.3° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	00	9.10	4.76	240.2	0.095
MMN	S	00	9.78	4.76	240.2	-0.194

60 130812 1545 24.7 - Maratea - Rotonda
Lat: 39.90 Lon: 16.00 Prof: 7.6 Km
± 1.02 km ± 1.10 km ± 2.2 km
RMS: 0.37s GAP: 117.8° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	45	26.47	2.32	218.1	0.023
MMN	S	45	27.44	2.32	218.1	-0.264
MMN9	P	45	26.65	4.06	115.2	0.053
MMN9	S	45	27.98	4.06	115.2	0.016

61 130812 1828 00.9 - Alto Tirreno Cosentino
Lat: 39.85 Lon: 16.01 Prof: 5.5 Km
± 0.44 km ± 0.19 km ± 0.2 km
RMS: 0.03s GAP: 289.2° NR: 5

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	28	2.41	3.89	332.7	0.000
MMN9	P	28	2.52	4.87	43.0	-0.022
MMN9	S	28	3.78	4.87	43.0	0.026

62 130812 2214 29.6 - Alto Tirreno Cosentino
Lat: 39.87 Lon: 16.03 Prof: 2.3 Km
± 0.67 km ± 0.19 km ± 0.3 km
RMS: 0.07s GAP: 267.2° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	14	30.62	2.88	36.0	-0.061
MMN9	S	14	31.47	2.88	36.0	0.072
MMN	P	14	30.89	4.07	303.2	0.043
MMN	S	14	31.64	4.07	303.2	-0.047

63 130813 0343 50.1 - Piana bat. ionica
Lat: 37.71 Lon: 16.10 Prof: 30.0 Km
± 1.20 km ± 3.01 km ± 3.5 km
RMS: 0.54s GAP: 232.8° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	44	-.45	38.53	325.7	0.901

CNDF S 44 5.49 38.53 325.7 0.600

64 130813 2355 14.9 - Canyon di Stromboli
Lat: 38.42 Lon: 15.30 Prof: 122.9 Km
± 2.23 km ± 2.97 km ± 3.5 km
RMS: 0.44s GAP: 125.9° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	55	34.75	67.52	134.8	0.483
CNDF	S	55	49.35	67.52	134.8	0.956
CET2	P	55	40.15	134.43	25.1	0.877

65 130814 0008 45.5 - Amantea - M.Reventino
Lat: 39.15 Lon: 16.34 Prof: 16.1 Km
± 1.11 km ± 1.41 km ± 3.1 km
RMS: 0.53s GAP: 115.6° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	08	50.82	22.43	205.8	0.190
SMIN	S	08	54.13	22.43	205.8	-0.221
CET2	P	08	55.70	53.22	321.3	-0.019
CET2	S	09	2.48	53.22	321.3	-0.685

66 130814 0037 50.8 - G. di Squillace
Lat: 38.86 Lon: 16.90 Prof: .5 Km
± 1.36 km ± 1.37 km ± 2.0 km
RMS: 0.43s GAP: 255.6° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
LADO	P	38	.43	46.53	7.1	0.100
LADO	S	38	7.47	46.53	7.1	0.166
SMIN	P	38	2.98	60.13	280.9	0.278
SMIN	S	38	11.32	60.13	280.9	-0.092

67 130814 0144 16.7 - Sila Piccola
Lat: 39.19 Lon: 16.45 Prof: 11.4 Km
± 0.91 km ± 0.95 km ± 2.5 km
RMS: 0.44s GAP: 87.6° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	44	22.49	31.43	218.4	-0.438
SMIN	S	44	27.62	31.43	218.4	0.196
LADO	P	44	25.61	46.41	77.4	0.189

68 130814 0150 55.6 - Alto Tirreno Cosentino
Lat: 39.87 Lon: 16.02 Prof: 5.9 Km
± 0.32 km ± 0.75 km ± 0.6 km
RMS: 0.10s GAP: 192.5° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	50	57.09	3.28	303.4	-0.026
MMN	S	50	58.10	3.28	303.4	-0.122
CET2	P	51	2.95	38.83	188.8	-0.102
CET2	S	51	8.68	38.83	188.8	0.177

69 130815 1027 34.1 - Bacino di Cefalù
Lat: 38.37 Lon: 14.76 Prof: 113.6 Km
± 3.37 km ± 1.42 km ± 2.8 km
RMS: 0.34s GAP: 174.8° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	27	55.51	104.19	113.9	-0.014
CNDF	S	28	12.13	104.19	113.9	0.973

70 130815 1336 22.5 - Alto Tirreno Cosentino
Lat: 39.89 Lon: 16.00 Prof: 3.4 Km
± 1.07 km ± 0.90 km ± 2.0 km
RMS: 0.35s GAP: 111.1° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	36	23.57	1.48	264.0	0.028
MMN	S	36	24.20	1.48	264.0	-0.064
MMN9	P	36	23.80	3.63	90.9	-0.002
MMN9	S	36	24.80	3.63	90.9	0.085

71 130815 2047 02.8 - Alto Tirreno Cosentino
Lat: 39.89 Lon: 16.00 Prof: 5.2 Km
± 0.50 km ± 0.49 km ± 1.3 km
RMS: 0.23s GAP: 115.8° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	47	4.19	1.87	241.7	0.034
MMN	S	47	5.00	1.87	241.7	-0.104
MMN9	P	47	4.46	3.54	102.9	0.140
MMN9	S	47	5.41	3.54	102.9	0.021
CET2	P	47	10.59	41.36	186.8	-0.143
CET2	S	47	16.41	41.36	186.8	-0.100

72 130815 2304 57.9 - M. Peloritani
Lat: 38.16 Lon: 14.91 Prof: 25.6 Km
± 0.52 km ± 0.50 km ± 2.9 km
RMS: 0.45s GAP: 39.1° NR: 89

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	05	12.23	84.37	103.2	-0.683
CNDF	S	05	24.55	84.37	103.2	0.673
VBL2	P	05	17.43	117.98	62.1	-0.272
SMIN	P	05	21.03	144.84	52.4	-0.189
SMIN	S	05	37.46	144.84	52.4	-0.806
SCOI	P	05	24.49	170.25	43.5	0.022
SCOI	S	05	49.89	170.25	43.5	5.995
CSC2	P	05	24.58	170.09	43.6	0.121
MMN	P	05	29.93	212.46	26.4	-0.097
MMN9	P	05	30.56	214.87	27.6	0.195

73 130815 2306 50.7 - M. Peloritani
Lat: 38.16 Lon: 14.94 Prof: 25.0 Km
± 0.50 km ± 0.52 km ± 2.8 km
RMS: 0.44s GAP: 36.7° NR: 03

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	07	4.81	82.37	102.9	-0.691
CNDF	S	07	15.71	82.37	102.9	-0.582
VBL2	P	07	10.37	116.73	61.3	-0.060
SCOI	P	07	17.31	169.57	42.9	0.043
MMN	P	07	22.73	212.37	25.8	-0.176
MMN9	P	07	23.33	214.73	27.1	0.091
MMN9	S	07	46.96	214.73	27.1	-0.045

74 130815 2310 14.3 - M. Peloritani
Lat: 38.12 Lon: 14.92 Prof: 20.7 Km
± 1.27 km ± 0.63 km ± 2.2 km
RMS: 0.37s GAP: 99.8° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	10	28.58	82.59	99.7	-0.808
CNDF	S	10	40.34	82.59	99.7	-0.067

75 130815 2310 55.8 - M. Peloritani
Lat: 38.11 Lon: 14.94 Prof: 21.8 Km
± 1.17 km ± 0.83 km ± 2.8 km
RMS: 0.47s GAP: 95.5° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	11	9.84	81.05	99.6	-0.808
CNDF	S	11	20.94	81.05	99.6	-0.573

76 130815 2312 42.8 - M. Peloritani
Lat: 38.10 Lon: 14.90 Prof: 29.9 Km
± 1.50 km ± 0.75 km ± 2.1 km
RMS: 0.37s GAP: 84.8° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	12	57.87	84.67	98.5	-0.452
CNDF	S	13	9.70	84.67	98.5	0.016

77 130815 2313 52.9 - M. Peloritani
Lat: 38.14 Lon: 14.93 Prof: 14.2 Km
± 1.02 km ± 0.70 km ± 2.9 km
RMS: 0.50s GAP: 54.6° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	14	6.84	82.84	101.4	-0.995
CNDF	S	14	18.13	82.84	101.4	-0.614
CET2	P	14	19.94	177.60	30.6	0.202

78 130815 2318 03.2 - M. Peloritani
Lat: 38.14 Lon: 14.92 Prof: 19.7 Km
± 0.89 km ± 0.72 km ± 2.6 km
RMS: 0.45s GAP: 77.6° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	18	17.26	83.22	101.3	-0.889
CNDF	S	18	29.45	83.22	101.3	0.398

79 130815 2321 12.6 - M. Peloritani
Lat: 38.14 Lon: 14.91 Prof: 19.4 Km
± 1.02 km ± 0.56 km ± 2.1 km
RMS: 0.36s GAP: 112.2° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	21	27.58	84.51	101.1	-0.135
CNDF	S	21	38.53	84.51	101.1	-0.249

80 130815 2323 33.0 - M. Peloritani
Lat: 38.15 Lon: 14.93 Prof: 18.0 Km
± 0.72 km ± 0.50 km ± 2.1 km
RMS: 0.36s GAP: 51.5° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	23	47.77	82.57	102.2	-0.238
CNDF	S	23	58.50	82.57	102.2	-0.445

81 130815 2324 21.1 - M. Peloritani
Lat: 38.14 Lon: 14.91 Prof: 17.9 Km
± 0.74 km ± 0.55 km ± 2.0 km
RMS: 0.35s GAP: 73.9° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	24	35.93	84.01	101.5	-0.368
CNDF	S	24	47.64	84.01	101.5	0.238

82 130815 2325 00.3 - M. Peloritani
Lat: 38.14 Lon: 14.90 Prof: 18.0 Km
± 1.10 km ± 0.71 km ± 2.3 km
RMS: 0.40s GAP: 68.2° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	25	15.21	85.04	101.1	-0.445
CNDF	S	25	27.64	85.04	101.1	0.769

83 130815 2331 22.5 - M. Peloritani
Lat: 38.13 Lon: 14.91 Prof: 15.7 Km
± 0.77 km ± 0.48 km ± 1.8 km
RMS: 0.32s GAP: 106.0° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	31	37.34	83.65	100.4	-0.316
CNDF	S	31	48.34	83.65	100.4	-0.354

84 130815 2347 58.3 - M. Peloritani
Lat: 38.13 Lon: 14.91 Prof: 19.5 Km
± 0.86 km ± 0.65 km ± 2.7 km
RMS: 0.46s GAP: 48.9° NR: 32

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	48	13.23	83.63	100.9	-0.047
CNDF	S	48	24.40	83.63	100.9	0.166

85 130815 2352 50.0 - M. Peloritani
Lat: 38.15 Lon: 14.91 Prof: 20.0 Km
± 0.61 km ± 0.51 km ± 2.3 km
RMS: 0.40s GAP: 40.0° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	53	5.00	84.70	101.9	-0.120
CNDF	S	53	16.70	84.70	101.9	0.532
CET2	P	53	16.85	177.52	31.2	0.665

86 130815 2358 13.7 - M. Peloritani
Lat: 38.14 Lon: 14.91 Prof: 17.3 Km
± 0.65 km ± 0.49 km ± 2.0 km
RMS: 0.35s GAP: 62.8° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	58	28.61	84.30	101.3	-0.412
CNDF	S	58	41.02	84.30	101.3	0.841