



---

**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**

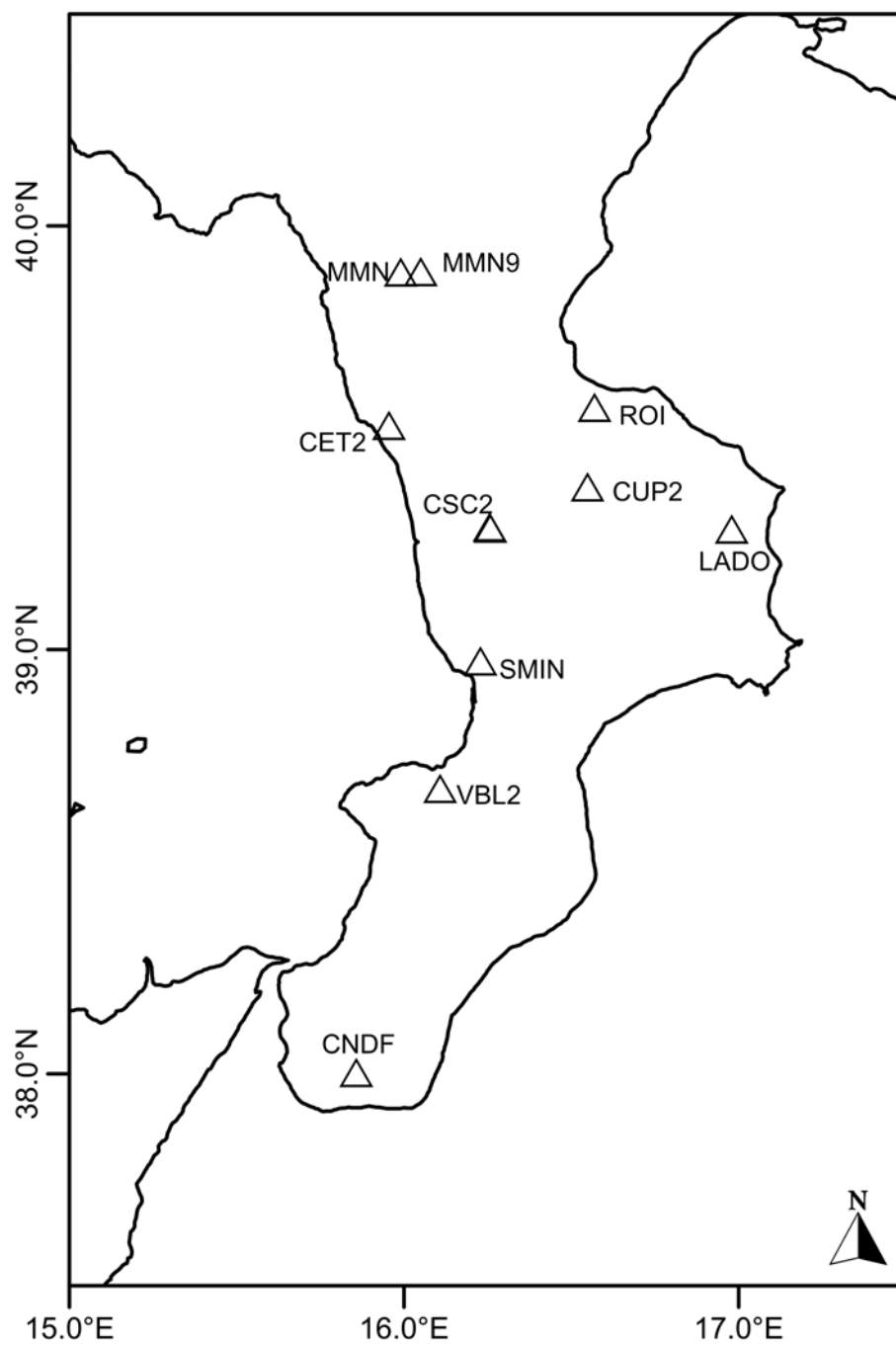
**E**

**DELLE AREE CIRCOSTANTI**

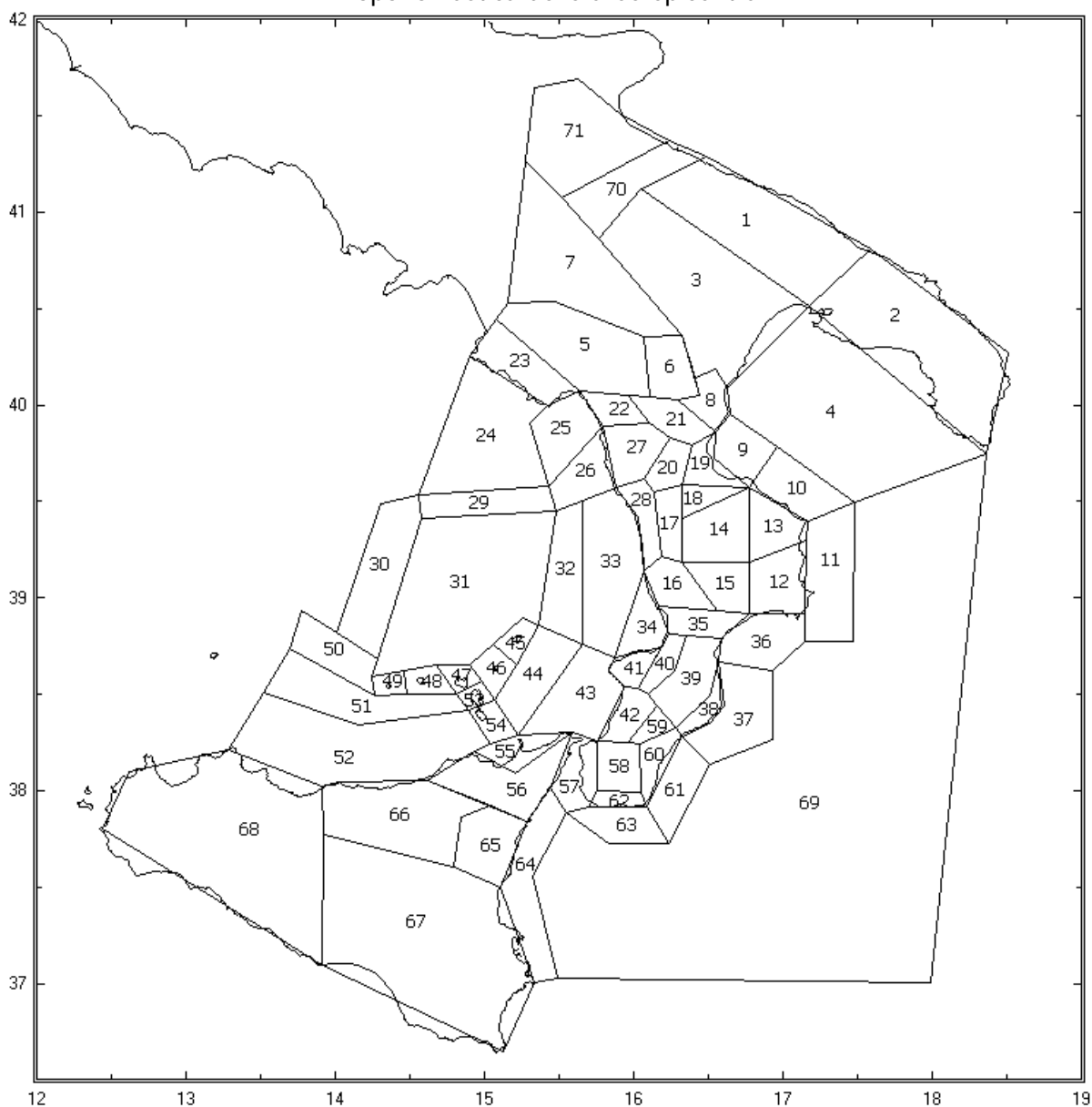
prodotto nell'ambito delle attività dell'O.R. 2.1

Periodo 16-31 Marzo 2014

Distribuzione delle stazioni della Rete Sismica UniCal – Pon MASSIMO



## Toponomastica delle aree epicentrali



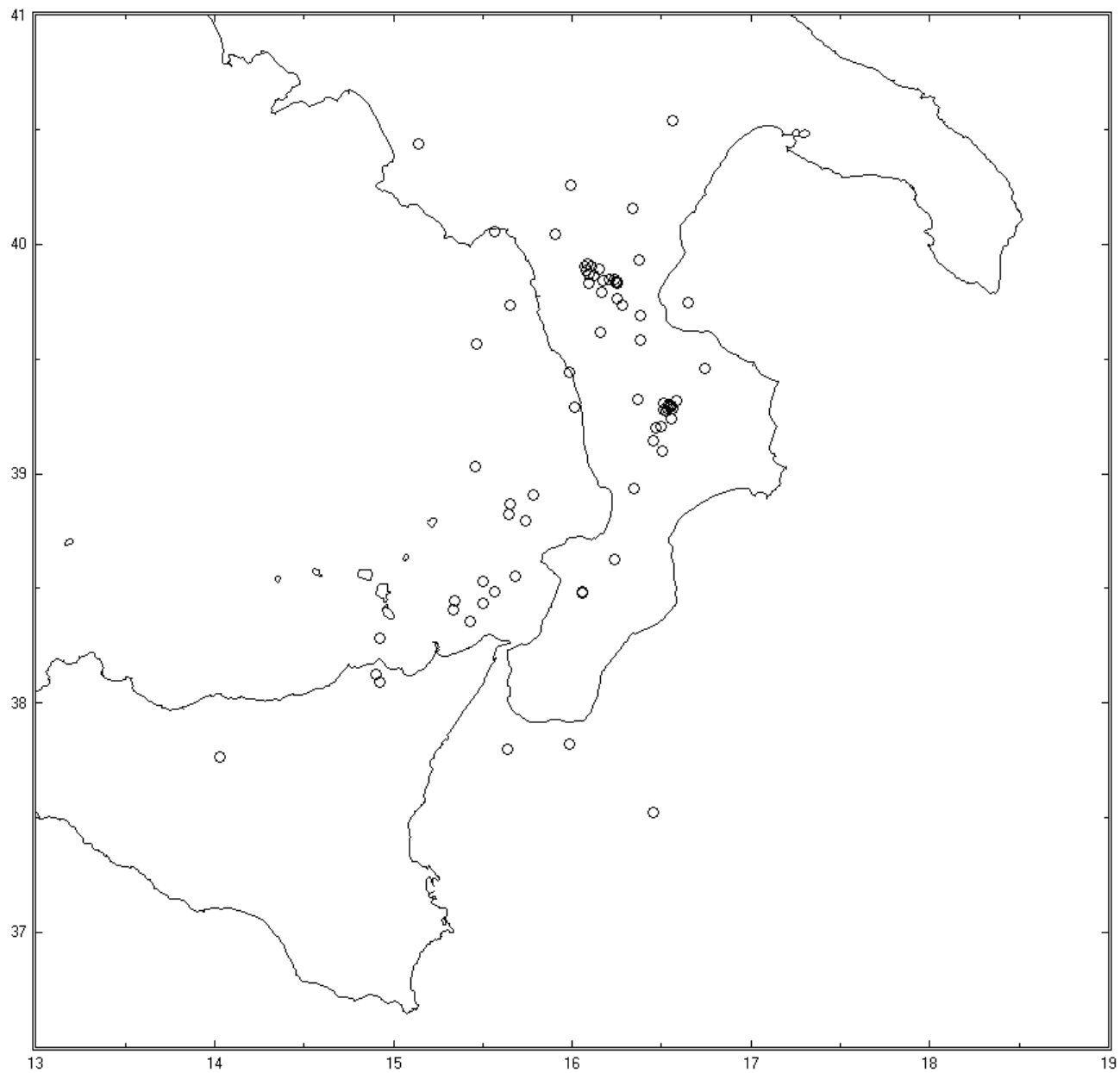
1 Murge	19 Piana di Sibari	37 Offshore Punta Stilo	55 Milazzo
2 Penisola Salentina	20 Valle dell'Esaro	38 Punta Stilo	56 Monti Peloritani
3 Piana del Bradano e del Basento	21 Catena del Pollino	39 Serre centro-settentrionali	57 Stretto di Messina
4 Golfo di Taranto	22 Marate - Rotonda	40 Valle del Mesima	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 <sub>0</sub>	m	δlat	δlon	δH <sub>0</sub>	nr	GAP	sqm	δT <sub>0</sub>
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
140316	0212	37.2	39.8357	16.2462	11.4	1.6	0.53	0.60	1.36	12	154	0.24	0.09
140316	0232	9.2	39.8294	16.2535	10.2	1.6	0.79	0.77	1.74	11	161	0.30	0.12
140316	0702	51.3	39.8477	16.2113	5.3	1.8	0.63	0.64	1.85	19	90	0.41	0.10
140316	0815	40.7	40.0572	15.5652	10.1	2.1	0.87	0.98	3.18	26	123	0.55	0.14
140316	0905	32.5	39.0297	15.4542	268.0	3.0	2.03	2.79	3.55	49	154	0.41	0.11
140316	1316	17.8	39.7329	15.6502	7.7	1.9	0.66	0.92	2.60	36	112	0.45	0.14
140316	1645	16.4	38.4329	15.5009	132.3	2.2	2.45	3.87	3.75	13	162	0.45	0.19
140317	0146	1.2	38.9382	16.3433	20.2	1.6	0.74	0.87	2.28	18	144	0.39	0.11
140317	1214	22.5	39.8495	16.2362	6.5	1.8	0.58	0.59	1.82	22	82	0.40	0.10
140317	1716	57.9	38.3560	15.4266	115.5	2.5	1.07	1.31	3.35	54	76	0.42	0.07
140317	1805	3.2	40.4414	15.1393	2.3	1.9	0.52	0.89	1.03	15	213	0.23	0.14
140317	1933	45.4	39.8379	16.2503	8.8	1.1	0.70	0.50	1.20	9	154	0.21	0.08
140317	1954	58.9	39.1449	16.4563	8.6	1.1	0.56	0.50	1.61	14	105	0.28	0.08
140317	2015	16.1	38.6263	16.2347	23.2	1.8	0.52	0.84	2.26	30	97	0.39	0.08
140318	0055	46.0	39.8688	16.0957	9.0	0.8	1.15	1.38	2.63	11	116	0.45	0.17
140318	0226	54.0	40.1585	16.3393	0.0		5.87	3.04	3.37	6	297	0.75	1.14
140318	0307	14.0	40.5384	16.5609	30.6	2.2	0.82	1.18	3.19	23	108	0.49	0.11
140318	1358	57.4	37.8200	15.9864	43.1	2.9	0.69	0.89	3.14	61	189	0.40	0.10
140318	1807	37.5	39.6916	16.3808	17.0	1.5	0.71	0.94	2.75	21	121	0.47	0.11
140319	0646	3.9	39.9043	16.0726	4.9	2.2	0.62	0.64	1.62	21	96	0.36	0.08
140320	0454	57.9	38.4848	15.5686	138.5	2.2	1.58	2.90	3.71	27	159	0.45	0.13
140320	1743	43.1	39.2904	16.0136	113.5	1.2	3.93	4.20	3.67	12	128	0.44	0.20
140320	1956	44.3	39.9324	16.3750	0.0		5.55	4.58	3.88	6	316	0.86	1.23
140321	0140	8.8	38.8690	15.6529	171.5	2.2	1.34	2.92	3.28	30	173	0.40	0.14
140321	0204	12.5	38.1226	14.9043	32.2	2.5	0.55	0.67	2.84	57	52	0.44	0.07
140321	0219	55.6	38.0919	14.9270	28.1	2.0	0.68	0.60	2.46	30	75	0.42	0.09
140321	0241	39.4	39.8289	16.0914	0.0	0.9	0.20	0.70	0.44	6	226	0.10	0.10
140321	1122	37.7	38.9105	15.7797	170.2	2.3	1.73	2.80	3.05	26	147	0.37	0.09
140322	0222	10.1	39.9035	16.1060	11.0	0.9	1.24	0.87	2.08	10	196	0.36	0.16
140322	0538	31.7	39.8396	16.1749	0.0	1.8	1.91	1.85	3.61	8	116	0.80	0.31
140323	0029	20.3	38.5554	15.6813	179.3	2.3	2.27	3.87	4.59	34	135	0.55	0.14
140323	0231	20.6	39.7487	16.6493	19.8	1.4	0.55	0.93	1.80	18	148	0.31	0.11
140323	1148	29.3	38.4476	15.3413	128.2	2.3	2.44	2.41	2.70	26	114	0.34	0.11
140323	1506	12.7	39.3269	16.3672	15.9	1.7	0.50	0.50	1.28	14	102	0.22	0.06
140323	1831	52.8	37.5244	16.4506	40.1	3.8	0.99	1.20	3.82	95	221	0.48	0.17
140324	2106	59.2	39.2974	16.5558	29.3	2.1	0.66	0.71	2.09	20	90	0.32	0.07
140324	2329	11.7	39.2380	16.5542	48.1	1.7	2.97	2.85	5.23	15	129	0.65	0.20
140325	0010	39.6	39.2793	16.5076	41.2		2.76	2.59	4.96	10	126	0.64	0.20
140325	0559	36.2	39.3061	16.5091	37.5		1.24	1.34	2.28	6	156	0.29	0.13
140325	0756	51.7	39.2748	16.5268	28.2	3.6	0.43	0.63	2.44	55	79	0.38	0.06
140325	0846	59.7	38.4792	16.0597	19.3	2.2	0.54	0.67	1.95	27	85	0.34	0.07
140325	1235	52.2	38.4854	16.0570	19.9	3.0	0.50	0.67	2.57	60	83	0.44	0.06
140325	1718	21.1	38.2810	14.9274	125.1	2.3	2.13	1.81	3.09	21	125	0.39	0.14
140326	1051	36.8	39.2864	16.5335	32.8	1.6	1.33	2.07	2.46	9	115	0.38	0.13
140326	1416	33.0	40.0461	15.9051	0.0	1.9	3.66	4.11	3.22	8	316	0.72	0.85
140326	1534	55.9	39.7644	16.2538	13.5	1.0	1.13	0.99	2.55	10	140	0.44	0.16
140326	1648	21.2	39.1005	16.5008	18.8	2.1	0.50	0.64	2.42	34	70	0.42	0.08
140326	1746	13.1	39.7369	16.2817	0.0	1.6	0.83	0.88	2.39	16	107	0.53	0.15
140326	1811	23.5	39.2864	16.5582	30.3	2.0	0.94	0.93	3.09	27	88	0.48	0.10
140326	1852	22.0	39.4615	16.7388	132.7	1.7	5.10	4.15	4.96	19	169	0.62	0.20
140326	1929	48.6	39.3027	16.5399	31.1	1.8	0.85	0.96	2.85	24	88	0.44	0.09
140326	2002	25.1	39.2956	16.5443	26.9	2.5	0.60	0.78	3.05	45	77	0.47	0.08
140326	2315	0.6	39.7917	16.1636	27.9	0.1	2.22	8.63	3.47	6	252	0.60	0.83
140327	0133	29.8	39.6172	16.1553	3.5	1.7	1.13	2.65	3.92	13	153	0.68	0.20
140327	0453	40.1	39.9178	16.0883	5.8	1.3	0.32	0.17	0.45	14	120	0.10	0.04
140327	0627	16.2	39.3190	16.5838	27.6		5.73	6.43	4.48	6	265	0.69	0.75
140327	0953	46.1	39.2930	16.5468	28.7	2.0	0.92	0.85	2.72	21	87	0.42	0.09

Data	Orario		Lat N	LON E	H <sub>0</sub>	m	δlat	δlon	δH <sub>0</sub>	nr	GAP	sqm	δT <sub>0</sub>
aammgg	hhmm	ss.s	°	°	km		km	km	km		°	sec	sec
140327	1421	44.1	38.7941	15.7362	10.0	2.1	0.71	1.27	2.43	21	199	0.42	0.18
140327	1631	42.4	39.8901	16.1500	8.5	1.5	1.29	0.84	2.13	8	184	0.37	0.18
140328	0824	23.1	38.4061	15.3338	114.4	2.6	1.25	2.30	2.69	18	190	0.34	0.17
140328	1832	40.9	40.2575	15.9883	16.0	1.8	0.55	0.47	1.78	23	108	0.31	0.07
140329	0027	44.7	39.2084	16.4942	19.3	1.5	0.57	0.61	1.78	18	84	0.31	0.08
140329	0151	22.5	39.4423	15.9815	67.0	1.8	0.97	1.43	2.91	29	149	0.37	0.10
140329	0317	55.5	39.5675	15.4679	251.1	2.4	5.84	13.24	4.03	10	264	0.47	0.47
140329	1703	35.4	37.8005	15.6361	25.0	1.6	0.85	0.77	2.19	21	154	0.38	0.11
140330	0446	44.6	39.8672	16.1199	4.0	1.4	0.89	0.87	2.58	18	92	0.57	0.15
140330	1309	33.1	37.7672	14.0309	162.7	2.2	14.20	6.23	5.81	27	336	0.73	0.70
140330	1506	17.3	39.1995	16.4642	21.3	1.9	0.61	0.67	2.27	24	66	0.39	0.08
140330	2147	43.9	39.5861	16.3815	24.3		1.03	0.43	0.83	6	195	0.14	0.08
140331	0436	13.3	38.5298	15.4979	150.3	2.0	2.48	4.76	3.50	15	201	0.42	0.20
140331	1900	21.6	39.8885	16.0813	4.1	1.0	0.73	0.51	1.75	12	122	0.39	0.13
140331	2120	33.2	38.8223	15.6441	191.7	3.2	1.12	1.77	3.46	60	97	0.42	0.06

### Epicentri localizzati nel periodo di riferimento



# **BOLLETTINO**

1 140316 0212 37.1 - Catena del Pollino  
 Lat: 39.83 Lon: 16.24 Prof: 11.4 Km  
 ± 0.53 km ± 0.60 km ± 1.4 km  
 RMS: 0.24s GAP: 154.8° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	12	41.21	17.88	290.5	-0.093
MMN9	S	12	44.19	17.88	290.5	-0.150
MMN	P	12	42.24	22.71	285.7	0.229
MMN	S	12	45.47	22.71	285.7	-0.096
CET2	P	12	45.35	42.27	216.4	-0.042
CET2	S	12	51.00	42.27	216.4	-0.423

2 140316 0232 09.2 - Catena del Pollino  
 Lat: 39.82 Lon: 16.25 Prof: 10.2 Km  
 ± 0.79 km ± 0.77 km ± 1.7 km  
 RMS: 0.30s GAP: 161.5° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	32	13.28	18.71	291.8	-0.153
MMN9	S	32	16.72	18.71	291.8	0.221
MMN	P	32	14.23	23.50	286.9	0.072
MMN	S	32	17.49	23.50	286.9	-0.263
CET2	P	32	17.42	42.09	217.6	-0.003
CET2	S	32	22.84	42.09	217.6	-0.569

3 140316 0702 51.3 - Alto Tirreno Cosentino  
 Lat: 39.84 Lon: 16.21 Prof: 5.3 Km  
 ± 0.63 km ± 0.64 km ± 1.8 km  
 RMS: 0.41s GAP: 90.5° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	02	55.00	14.61	289.7	0.167
MMN9	S	02	57.60	14.61	289.7	0.175
MMN	P	02	55.93	19.47	284.3	0.226
MMN	S	02	59.13	19.47	284.3	0.196
CET2	P	02	59.05	41.70	212.0	-0.659
CET2	S	03	4.94	41.70	212.0	-0.929
ROI	P	03	0.00	43.36	134.8	-0.121
ROI	S	03	7.49	43.36	134.8	0.924
SMIN	P	03	9.33	97.13	179.2	0.378
SMIN	S	03	22.23	97.13	179.2	0.351

4 140316 0815 40.6 - Cilento  
 Lat: 40.05 Lon: 15.56 Prof: 10.1 Km  
 ± 0.87 km ± 0.98 km ± 3.2 km  
 RMS: 0.55s GAP: 123.0° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	15	48.10	40.76	117.2	-0.245
MMN	S	15	54.09	40.76	117.2	0.114
MMN9	P	15	48.83	45.32	114.2	-0.311
MMN9	S	15	55.46	45.32	114.2	0.107
CET2	P	15	53.81	67.48	150.7	0.713
CET2	S	16	2.11	67.48	150.7	-0.094
ROI	P	16	.04	101.46	122.2	0.981
ROI	S	16	13.11	101.46	122.2	0.580
SMIN	P	16	4.75	133.19	154.9	0.593
SMIN	S	16	20.38	133.19	154.9	-0.980

5 140316 0905 32.5 - Scarpata di Paola  
 Lat: 39.02 Lon: 15.45 Prof: 268.0 Km  
 ± 2.03 km ± 2.79 km ± 3.6 km  
 RMS: 0.41s GAP: 154.5° NR: 49

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	06	7.35	70.24	38.3	-0.181
CET2	S	06	33.74	70.24	38.3	0.570
SMIN	P	06	7.36	67.34	95.6	-0.813
SMIN	S	06	33.93	67.34	95.6	-0.349
VBL2	P	06	7.84	69.15	125.1	-0.425
VBL2	S	06	33.68	69.15	125.1	-0.760
SCOI	P	06	8.72	75.08	67.7	0.351
SCOI	S	06	35.35	75.08	67.7	0.731
CUP2	P	06	9.81	102.32	67.6	0.325
CUP2	S	06	37.49	102.32	67.6	0.939
ROI	P	06	9.90	113.45	58.1	-0.069
ROI	S	06	37.50	113.45	58.1	0.111
LADO	P	06	10.77	134.81	77.9	-0.142
LADO	S	06	39.51	134.81	77.9	0.485

6 140316 1316 17.8 - Offshore Scalea -  
 Diamante  
 Lat: 39.73 Lon: 15.65 Prof: 7.7 Km  
 ± 0.66 km ± 0.92 km ± 2.6 km  
 RMS: 0.45s GAP: 112.9° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	16	24.39	34.02	59.2	0.067
MMN	S	16	28.93	34.02	59.2	-0.157
CET2	P	16	25.08	34.58	131.2	0.674
CET2	S	16	29.06	34.58	131.2	-0.167
MMN9	P	16	25.27	38.54	63.0	0.153
MMN9	S	16	31.13	38.54	63.0	0.668
SCOI	P	16	31.15	71.72	133.5	0.475
SCOI	S	16	40.56	71.72	133.5	0.474
ROI	P	16	32.20	80.88	102.9	-0.172
ROI	S	16	43.33	80.88	102.9	0.302

7 140316 1645 16.3 - Bacino di Gioia  
 Lat: 38.43 Lon: 15.50 Prof: 132.3 Km  
 ± 2.45 km ± 3.87 km ± 3.8 km  
 RMS: 0.45s GAP: 162.3° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	45	41.10	127.85	18.2	0.336
CET2	S	46	-.46	127.85	18.2	0.906

8 140317 0146 01.1 - Stretta di Catanzaro  
 Lat: 38.93 Lon: 16.34 Prof: 20.2 Km  
 ± 0.74 km ± 0.87 km ± 2.3 km  
 RMS: 0.39s GAP: 144.0° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	46	5.63	10.69	291.1	0.222
SMIN	S	46	8.14	10.69	291.1	-0.374
VBL2	P	46	9.15	35.77	214.9	0.560
VBL2	S	46	13.55	35.77	214.9	-0.476
CET2	P	46	14.48	73.65	332.9	-0.003
CET2	S	46	23.86	73.65	332.9	-0.373
MMN9	P	46	20.58	108.84	346.6	-0.170
MMN9	S	46	35.96	108.84	346.6	0.872

9 140317 1214 22.5 - Catena del Pollino  
 Lat: 39.84 Lon: 16.23 Prof: 6.5 Km  
 ± 0.58 km ± 0.59 km ± 1.8 km  
 RMS: 0.40s GAP: 82.8° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	14	26.10	16.57	286.5	-0.262
MMN9	S	14	29.33	16.57	286.5	0.146
MMN	P	14	27.08	21.50	282.4	-0.064
MMN	S	14	30.37	21.50	282.4	-0.167
CET2	P	14	30.25	43.03	214.2	-0.749
CET2	S	14	36.86	43.03	214.2	-0.355

10 140317 1716 57.8 - Bacino di Gioia  
 Lat: 38.35 Lon: 15.42 Prof: 115.5 Km  
 ± 1.07 km ± 1.31 km ± 3.3 km  
 RMS: 0.42s GAP: 76.9° NR: 54

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	17	15.87	54.37	136.4	0.191
CNDF	S	17	29.57	54.37	136.4	0.840
VBL2	P	17	16.85	69.10	59.6	-0.008
VBL2	S	17	30.53	69.10	59.6	-0.243
SMIN	P	17	18.79	97.76	45.8	-0.367
SMIN	S	17	33.76	97.76	45.8	-0.994
CET2	P	17	22.64	138.00	19.7	0.629
CET2	S	17	40.09	138.00	19.7	0.392
CUP2	P	17	24.09	149.94	40.6	0.004
CUP2	S	17	44.15	149.94	40.6	0.859
LADO	P	17	25.94	169.69	52.6	0.017
ROI	P	17	26.08	167.40	36.4	0.059
ROI	S	17	46.43	167.40	36.4	-0.208

11 140317 1805 03.2 - Vallo di Diano  
 Lat: 40.44 Lon: 15.13 Prof: 2.3 Km  
 ± 0.52 km ± 0.89 km ± 1.0 km  
 RMS: 0.23s GAP: 213.0° NR: 15



STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	05	25.37	122.94	145.9	0.103
CET2	S	05	41.54	122.94	145.9	0.130

**12** 140317 1933 45.4 - Catena del Pollino  
 Lat: 39.83 Lon: 16.25 Prof: 8.8 Km  
 ± 0.70 km ± 0.50 km ± 1.2 km  
 RMS: 0.21s GAP: 154.7° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	33	49.43	18.12	289.4	-0.014
MMN9	S	33	52.51	18.12	289.4	0.126
MMN	P	33	50.19	22.98	284.9	-0.003
MMN	S	33	53.51	22.98	284.9	-0.167
CET2	P	33	53.52	42.67	216.6	-0.156

**13** 140317 1954 58.8 - Sila Piccola  
 Lat: 39.14 Lon: 16.45 Prof: 8.6 Km  
 ± 0.56 km ± 0.50 km ± 1.6 km  
 RMS: 0.28s GAP: 105.0° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	55	4.16	27.46	225.9	-0.053
SMIN	S	55	8.01	27.46	225.9	-0.121
LADO	P	55	7.94	47.73	70.8	0.302
ROI	P	55	8.30	48.38	11.4	0.223
ROI	S	55	14.84	48.38	11.4	0.014
CET2	P	55	9.66	60.72	314.6	-0.456

**14** 140317 2015 16.0 - Valle del Mesima  
 Lat: 38.62 Lon: 16.23 Prof: 23.2 Km  
 ± 0.52 km ± 0.84 km ± 2.3 km  
 RMS: 0.39s GAP: 97.1° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	15	21.07	12.23	295.6	0.202
VBL2	S	15	23.94	12.23	295.6	-0.442
SMIN	P	15	24.33	38.48	359.2	0.176
SMIN	S	15	29.65	38.48	359.2	-0.418
CNDF	P	15	30.71	76.63	205.6	0.482
CNDF	S	15	40.39	76.63	205.6	-0.202
CUP2	P	15	32.99	88.33	17.8	0.681
CUP2	S	15	44.46	88.33	17.8	0.261
CET2	P	15	33.06	103.08	346.5	-0.544
CET2	S	15	45.84	103.08	346.5	-0.599
ROI	P	15	36.36	108.88	15.3	0.363
ROI	S	15	49.91	108.88	15.3	-0.675

**15** 140318 0055 45.9 - Alto Tirreno Cosentino  
 Lat: 39.86 Lon: 16.09 Prof: 9.0 Km  
 ± 1.15 km ± 1.38 km ± 2.6 km  
 RMS: 0.45s GAP: 116.6° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	55	47.77	4.64	303.6	-0.407
MMN9	S	55	50.56	4.64	303.6	0.768
MMN	P	55	48.49	9.31	285.4	-0.190
MMN	S	55	50.39	9.31	285.4	-0.271
CET2	P	55	53.66	39.64	197.9	-0.050
CET2	S	56	-.37	39.64	197.9	0.255

**16** 140318 0226 54.0 - Bacino di S.Arcangelo  
 Lat: 40.15 Lon: 16.33 Prof: 0.0 Km  
 ± 5.87 km ± 3.04 km ± 3.4 km  
 RMS: 0.75s GAP: 297.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	27	2.14	38.53	219.8	0.224
MMN9	S	27	7.14	38.53	219.8	-0.566
MMN	P	27	2.95	42.05	225.1	0.450
MMN	S	27	8.49	42.05	225.1	-0.227
ROI	P	27	6.67	68.04	163.1	-0.692
ROI	S	27	17.97	68.04	163.1	0.831

**17** 140318 0307 14.0 - Piana del Bradano e del Basento  
 Lat: 40.53 Lon: 16.56 Prof: 30.6 Km  
 ± 0.82 km ± 1.18 km ± 3.2 km  
 RMS: 0.49s GAP: 108.8° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	07	28.95	86.75	214.0	-0.917
MMN	S	07	42.18	86.75	214.0	0.695
MMN9	P	07	29.23	83.92	211.1	-0.224
MMN9	S	07	41.11	83.92	211.1	0.340
ROI	P	07	32.21	107.33	179.4	-0.157
ROI	S	07	46.09	107.33	179.4	0.276
CET2	P	07	33.59	123.47	204.8	0.610
CET2	S	07	47.48	123.47	204.8	0.604
LADO	P	07	35.89	143.81	165.3	-0.761
LADO	S	07	53.90	143.81	165.3	0.665

**18** 140318 1358 57.3 - Offshore Calabria Meridionale  
 Lat: 37.82 Lon: 15.98 Prof: 43.1 Km  
 ± 0.69 km ± 0.89 km ± 3.1 km  
 RMS: 0.40s GAP: 189.6° NR: 61

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	59	5.48	23.29	331.0	0.053
CNDF	S	59	12.30	23.29	331.0	0.970
VBL2	P	59	13.68	95.36	6.5	-0.306
VBL2	S	59	25.71	95.36	6.5	-0.444
SMIN	P	59	17.88	129.70	9.5	-0.562
SMIN	S	59	33.73	129.70	9.5	-0.141
CET2	P	59	24.39	189.70	359.3	-0.063
CET2	S	59	44.72	189.70	359.3	0.432
LADO	P	59	24.84	184.11	27.9	0.151
LADO	S	59	44.24	184.11	27.9	-0.453
CUP2	P	59	25.14	180.31	15.7	0.606
CUP2	S	59	44.73	180.31	15.7	0.306
ROI	P	59	27.82	200.96	14.6	0.546
ROI	S	59	48.43	200.96	14.6	-0.739

**19** 140318 1807 37.5 - Piana di Sibari  
 Lat: 39.69 Lon: 16.38 Prof: 17.0 Km  
 ± 0.71 km ± 0.94 km ± 2.7 km  
 RMS: 0.47s GAP: 121.0° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	07	42.58	20.93	129.3	-0.074
ROI	S	07	46.86	20.93	129.3	0.455
CET2	P	07	45.26	40.82	243.8	-0.422
CET2	S	07	52.32	40.82	243.8	0.664
CUP2	P	07	45.37	37.11	157.1	0.353
CUP2	S	07	51.46	37.11	157.1	0.958
MMN9	P	07	45.46	35.99	308.2	0.649
MMN9	S	07	50.96	35.99	308.2	0.816

**20** 140319 0646 03.9 - Alto Tirreno Cosentino  
 Lat: 39.90 Lon: 16.07 Prof: 4.9 Km  
 ± 0.62 km ± 0.64 km ± 1.6 km  
 RMS: 0.36s GAP: 96.8° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	46	5.36	2.35	234.0	0.011
MMN9	S	46	5.96	2.35	234.0	-0.428
MMN	P	46	6.27	7.16	258.1	0.295
MMN	S	46	7.42	7.16	258.1	-0.052
CET2	P	46	12.36	42.90	193.8	-0.244
CET2	S	46	18.39	42.90	193.8	-0.564
ROI	P	46	15.06	56.35	130.9	0.029
CUP2	P	46	17.90	70.79	144.7	0.696
SMIN	P	46	23.25	104.27	172.7	0.380
SMIN	S	46	35.84	104.27	172.7	-0.894

**21** 140320 0454 57.8 - Bacino di Gioia  
 Lat: 38.48 Lon: 15.56 Prof: 138.5 Km  
 ± 1.58 km ± 2.90 km ± 3.7 km  
 RMS: 0.45s GAP: 159.1° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	55	18.22	51.46	66.2	0.032
VBL2	S	55	32.62	51.46	66.2	-0.434
CNDF	P	55	18.29	59.12	155.0	-0.092
CNDF	S	55	33.60	59.12	155.0	0.211
SMIN	P	55	19.56	78.90	46.8	-0.196
SMIN	S	55	35.23	78.90	46.8	-0.540
CET2	P	55	22.97	120.62	16.4	0.799

CET2 S 55 40.90 120.62 16.4 0.947  
**22** 140320 1743 43.0 - Bacino di Paola  
 Lat: 39.29 Lon: 16.01 Prof: 113.5 Km  
 ± 3.93 km ± 4.20 km ± 3.7 km  
 RMS: 0.44s GAP: 128.1° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	43	58.52	26.94	349.3	-0.430
SMIN	P	44	.24	39.83	152.3	0.198
ROI	P	44	.47	57.13	56.8	-0.488

**23** 140320 1956 44.3 - Catena del Pollino  
 Lat: 39.93 Lon: 16.37 Prof: 0.0 Km  
 ± 5.55 km ± 4.58 km ± 3.9 km  
 RMS: 0.86s GAP: 316.8° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	56	49.98	28.12	260.8	-0.599
MMN9	S	56	55.80	28.12	260.8	0.650
MMN	P	56	51.45	33.19	262.0	-0.197
MMN	S	56	57.30	33.19	262.0	0.281
CET2	P	56	56.93	57.51	218.9	0.783
CET2	S	57	3.90	57.51	218.9	-0.902

**24** 140321 0140 08.8 - Bacino di Paola  
 Lat: 38.86 Lon: 15.65 Prof: 171.5 Km  
 ± 1.34 km ± 2.92 km ± 3.3 km  
 RMS: 0.40s GAP: 173.4° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	40	32.46	51.20	77.2	-0.378
SMIN	S	40	50.22	51.20	77.2	-0.202
VBL2	P	40	32.46	45.09	119.0	-0.163
VBL2	S	40	49.58	45.09	119.0	-0.470
CET2	P	40	33.93	77.74	19.9	0.546
CET2	S	40	51.95	77.74	19.9	0.582
CNDF	P	40	35.50	97.74	169.8	0.390
CNDF	S	40	54.60	97.74	169.8	0.242
ROI	P	40	36.21	111.12	45.5	0.096
ROI	S	40	55.93	111.12	45.5	-0.166
LADO	P	40	36.32	123.67	68.1	-0.480
LADO	S	40	57.67	123.67	68.1	0.385

**25** 140321 0204 12.5 - M. Peloritani  
 Lat: 38.12 Lon: 14.90 Prof: 32.2 Km  
 ± 0.55 km ± 0.67 km ± 2.8 km  
 RMS: 0.44s GAP: 52.7° NR: 57

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	04	27.83	84.67	99.5	-0.238
CNDF	S	04	40.19	84.67	99.5	0.745
VBL2	P	04	33.07	121.65	60.3	-0.322
VBL2	S	04	49.25	121.65	60.3	0.584
SMIN	P	04	37.68	149.09	51.1	0.759
SMIN	S	04	54.36	149.09	51.1	-0.417
CET2	P	04	39.69	180.79	30.8	0.585
CET2	S	05	-4.7	180.79	30.8	0.961
CSC2	P	04	40.75	174.78	42.8	0.579
CSC2	S	05	-0.06	174.78	42.8	-0.476

**26** 140321 0219 55.5 - M. Peloritani  
 Lat: 38.09 Lon: 14.92 Prof: 28.1 Km  
 ± 0.68 km ± 0.60 km ± 2.5 km  
 RMS: 0.42s GAP: 75.1° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	20	11.11	82.24	97.4	0.259
CNDF	S	20	22.33	82.24	97.4	0.298
CET2	P	20	22.97	182.77	29.7	0.218
CET2	S	20	43.00	182.77	29.7	0.356

**27** 140321 0241 39.4 - Alto Tirreno Cosentino  
 Lat: 39.82 Lon: 16.09 Prof: 0.0 Km  
 ± 0.20 km ± 0.70 km ± 0.4 km  
 RMS: 0.10s GAP: 226.1° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	41	41.11	7.82	333.5	-0.043
MMN9	S	41	42.38	7.82	333.5	-0.058

MMN	P	41	41.98	11.03	308.7	0.122
MMN	S	41	43.60	11.03	308.7	-0.058
CET2	P	41	47.26	35.32	199.5	0.009
CET2	S	41	52.94	35.32	199.5	-0.058

**28** 140321 1122 37.7 - Bacino di Paola  
 Lat: 38.91 Lon: 15.77 Prof: 170.2 Km  
 ± 1.73 km ± 2.80 km ± 3.0 km  
 RMS: 0.37s GAP: 147.3° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	23	.97	39.50	80.0	-0.230
SMIN	S	23	17.78	39.50	80.0	-0.625
CET2	P	23	2.19	70.28	12.6	0.422
CET2	S	23	19.86	70.28	12.6	0.473

**29** 140322 0222 10.1 - Alto Tirreno Cosentino  
 Lat: 39.90 Lon: 16.10 Prof: 11.0 Km  
 ± 1.24 km ± 0.87 km ± 2.1 km  
 RMS: 0.36s GAP: 196.1° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	22	13.01	4.93	255.0	0.335
MMN9	S	22	14.59	4.93	255.0	0.073
MMN	P	22	13.15	9.96	262.0	-0.008
MMN	S	22	14.82	9.96	262.0	-0.535
CET2	P	22	18.66	43.58	197.5	0.052
CET2	S	22	24.63	43.58	197.5	-0.162

**30** 140322 0538 31.6 - Alto Tirreno Cosentino  
 Lat: 39.83 Lon: 16.17 Prof: 0.0 Km  
 ± 1.91 km ± 1.85 km ± 3.6 km  
 RMS: 0.80s GAP: 116.7° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	38	40.00	39.35	208.8	-0.366
CET2	S	38	45.95	39.35	208.8	-0.775
ROI	P	38	42.10	45.03	131.2	0.614
ROI	S	38	49.20	45.03	131.2	0.536

**31** 140323 0029 20.3 - Bacino di Gioia  
 Lat: 38.55 Lon: 15.68 Prof: 179.3 Km  
 ± 2.27 km ± 3.87 km ± 4.6 km  
 RMS: 0.55s GAP: 135.5° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	29	44.48	39.41	70.7	-0.452
VBL2	S	30	2.85	39.41	70.7	-0.086
SMIN	P	29	45.34	66.38	45.9	-0.597
SMIN	S	30	4.44	66.38	45.9	-0.237
CNDF	P	29	46.38	63.19	166.2	0.735
CNDF	S	30	3.74	63.19	166.2	-0.430
CET2	P	29	47.79	110.62	12.6	0.062
CET2	S	30	6.86	110.62	12.6	-0.918
CUP2	P	29	49.75	118.71	39.3	0.759
CUP2	S	30	10.84	118.71	39.3	0.874
LADO	P	29	50.22	138.61	54.2	-0.029
LADO	S	30	12.66	138.61	54.2	0.515

**32** 140323 0231 20.6 - G. di Sibari  
 Lat: 39.74 Lon: 16.64 Prof: 19.8 Km  
 ± 0.55 km ± 0.93 km ± 1.8 km  
 RMS: 0.31s GAP: 148.4° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	31	26.28	20.81	199.0	0.172
ROI	S	31	29.98	20.81	199.0	-0.122
CUP2	P	31	29.23	41.47	191.9	0.176
CUP2	S	31	35.11	41.47	191.9	-0.095
LADO	P	31	31.74	58.89	150.8	-0.006
LADO	S	31	40.60	58.89	150.8	0.731
CET2	P	31	32.84	64.44	247.7	0.225
CET2	S	31	41.43	64.44	247.7	0.056
SMIN	P	31	37.70	93.46	202.7	0.144
SMIN	S	31	49.85	93.46	202.7	-0.080

33 140323 1148 29.3 - Canyon di Stromboli  
 Lat: 38.44 Lon: 15.34 Prof: 128.2 Km  
 ± 2.44 km ± 2.41 km ± 2.7 km  
 RMS: 0.34s GAP: 114.6° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	48	51.38	96.70	53.2	-0.208
SMIN	S	49	7.75	96.70	53.2	-0.119

34 140323 1506 12.7 - Sila Grande  
 Lat: 39.32 Lon: 16.36 Prof: 15.9 Km  
 ± 0.50 km ± 0.50 km ± 1.3 km  
 RMS: 0.22s GAP: 102.1° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CSC2	P	06	16.49	10.45	244.4	0.231
CSC2	S	06	18.66	10.45	244.4	-0.177
ROI	P	06	19.57	32.27	32.5	0.074
ROI	S	06	24.53	32.27	32.5	0.084
SMIN	P	06	20.96	41.09	197.0	0.262
SMIN	S	06	26.09	41.09	197.0	-0.441
CET2	P	06	20.98	42.00	302.3	-0.044
CET2	S	06	26.80	42.00	302.3	-0.294
LADO	P	06	22.38	53.01	94.9	-0.271

35 140323 1831 52.8 - Piana bat. ionica  
 Lat: 37.52 Lon: 16.45 Prof: 40.1 Km  
 ± 0.99 km ± 1.20 km ± 3.8 km  
 RMS: 0.48s GAP: 221.5° NR: 95

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	32	6.60	74.56	315.5	0.387
CNDF	S	32	15.52	74.56	315.5	-0.507
VBL2	P	32	13.80	131.07	346.7	-0.016
VBL2	S	32	28.95	131.07	346.7	-0.245
SMIN	P	32	17.79	161.96	353.0	-0.040
SMIN	S	32	35.37	161.96	353.0	-0.779
LADO	P	32	22.47	200.71	13.0	0.446
LADO	S	32	42.55	200.71	13.0	-0.863
CSC2	P	32	22.61	196.30	355.0	0.462
CSC2	S	32	43.33	196.30	355.0	-0.297
SCOI	P	32	22.66	196.64	355.0	0.472
SCOI	S	32	43.52	196.64	355.0	-0.173
CUP2	P	32	22.67	206.54	2.2	-0.404
CUP2	S	32	44.70	206.54	2.2	-0.532
CET2	P	32	24.82	226.66	349.0	0.493
CET2	S	32	46.47	226.66	349.0	-0.932
ROI	P	32	26.36	227.51	2.4	0.482
ROI	S	32	49.29	227.51	2.4	-0.796
MMN	P	32	29.66	265.73	351.4	0.000
MMN	S	32	54.18	265.73	351.4	0.000
MMN9	P	32	30.28	265.11	352.4	0.000
MMN9	S	32	46.13	265.11	352.4	0.000

36 140324 2106 59.1 - Sila Grande  
 Lat: 39.29 Lon: 16.55 Prof: 29.3 Km  
 ± 0.66 km ± 0.71 km ± 2.1 km  
 RMS: 0.32s GAP: 90.0° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	07	6.54	30.48	2.0	-0.291
ROI	S	07	13.18	30.48	2.0	0.758
LADO	P	07	7.22	36.57	92.0	-0.191
LADO	S	07	14.12	36.57	92.0	0.692
SMIN	P	07	8.80	45.82	218.1	0.040
SMIN	S	07	16.18	45.82	218.1	0.422
CET2	P	07	10.61	57.79	296.4	0.476
CET2	S	07	17.99	57.79	296.4	-0.149

37 140324 2329 11.7 - Sila Grande  
 Lat: 39.23 Lon: 16.55 Prof: 48.1 Km  
 ± 2.97 km ± 2.85 km ± 5.2 km  
 RMS: 0.65s GAP: 129.3° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	29	19.26	16.15	357.9	-0.811
CUP2	S	29	27.16	16.15	357.9	0.985
CSC2	P	29	20.43	26.13	281.7	-0.164
CSC2	S	29	27.66	26.13	281.7	0.568

ROI	P	29	21.07	37.08	1.8	-0.546
ROI	S	29	29.41	37.08	1.8	0.555
LADO	P	29	21.70	37.04	81.8	0.325
LADO	S	29	28.91	37.04	81.8	0.461

38 140325 0010 39.6 - Sila Grande  
 Lat: 39.27 Lon: 16.50 Prof: 41.2 Km  
 ± 2.76 km ± 2.59 km ± 5.0 km  
 RMS: 0.64s GAP: 126.4° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	10	46.86	12.08	16.7	-0.111
CUP2	S	10	51.53	12.08	16.7	-0.817
CSC2	P	10	48.02	21.56	272.0	0.602
CSC2	S	10	53.88	21.56	272.0	0.760
SMIN	P	10	48.53	41.71	215.3	-0.887
SMIN	S	10	56.79	41.71	215.3	0.207
ROI	P	10	48.65	32.91	9.1	0.103
ROI	S	10	54.52	32.91	9.1	-0.555
LADO	P	10	49.48	40.71	88.9	0.345
LADO	S	10	56.36	40.71	88.9	0.266

39 140325 0559 36.2 - Sila Grande  
 Lat: 39.30 Lon: 16.50 Prof: 37.5 Km  
 ± 1.24 km ± 1.34 km ± 2.3 km  
 RMS: 0.29s GAP: 156.6° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	59	44.54	29.94	9.8	0.002
ROI	S	59	50.63	29.94	9.8	-0.002
LADO	P	59	45.26	40.64	93.2	-0.241
LADO	S	59	52.58	40.64	93.2	0.279
SMIN	P	59	46.32	44.24	213.2	0.239
SMIN	S	59	53.03	44.24	213.2	-0.275

40 140325 0756 51.6 - Sila Grande  
 Lat: 39.27 Lon: 16.52 Prof: 28.2 Km  
 ± 0.43 km ± 0.63 km ± 2.4 km  
 RMS: 0.38s GAP: 79.7° NR: 55

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	56	57.28	12.19	8.5	-0.044
CUP2	S	57	1.56	12.19	8.5	0.097
CSC2	P	56	58.16	23.24	273.0	0.006
CSC2	S	57	3.32	23.24	273.0	0.420
SCOI	P	56	58.32	23.38	273.8	0.159
SCOI	S	57	3.36	23.38	273.8	0.445
ROI	P	56	59.07	33.17	6.1	-0.488
ROI	S	57	5.03	33.17	6.1	-0.303
LADO	P	57	-2.24	39.05	88.2	-0.385
LADO	S	57	7.04	39.05	88.2	0.690
SMIN	P	57	.71	42.31	217.5	0.051
SMIN	S	57	7.32	42.31	217.5	0.080
CET2	P	57	2.32	56.78	299.8	-0.118
CET2	S	57	10.54	56.78	299.8	0.219
MMN9	P	57	6.04	79.80	329.1	-0.403
MMN9	S	57	18.03	79.80	329.1	0.773
VBL2	P	57	6.19	75.96	208.5	0.426
VBL2	S	57	15.28	75.96	208.5	-0.801
MMN	P	57	6.41	82.46	326.0	-0.422
MMN	S	57	18.35	82.46	326.0	0.418
CNDF	P	57	16.31	152.72	202.5	0.486
CNDF	S	57	34.16	152.72	202.5	0.655

41 140325 0846 59.6 - Piana di Gioia  
 Lat: 38.47 Lon: 16.05 Prof: 19.3 Km  
 ± 0.54 km ± 0.67 km ± 2.0 km  
 RMS: 0.34s GAP: 85.0° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	47	5.34	22.00	11.1	0.304
VBL2	S	47	8.58	22.00	11.1	-0.381
CNDF	P	47	10.35	55.72	198.7	0.153
CNDF	S	47	17.64	55.72	198.7	-0.260

42 140325 1235 52.1 - Piana di Gioia  
 Lat: 38.48 Lon: 16.05 Prof: 19.9 Km  
 ± 0.50 km ± 0.67 km ± 2.6 km  
 RMS: 0.44s GAP: 83.6° NR: 60

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	35	58.00	21.38	12.1	0.492
VBL2	S	36	1.46	21.38	12.1	0.039
CNDF	P	36	2.71	56.30	198.3	-0.097
CNDF	S	36	10.35	56.30	198.3	-0.252
SMIN	P	36	3.18	56.13	15.4	0.362
SMIN	S	36	11.09	56.13	15.4	0.470
CSC2	P	36	9.11	90.60	11.1	0.566
CSC2	S	36	20.58	90.60	11.1	0.041
CUP2	P	36	11.76	108.41	23.1	0.068
CUP2	S	36	25.89	108.41	23.1	-0.101
CET2	P	36	12.01	116.17	355.8	0.351
CET2	S	36	25.76	116.17	355.8	-0.173
LADO	P	36	13.87	119.43	41.9	0.485
LADO	S	36	29.16	119.43	41.9	0.236
ROI	P	36	14.46	128.50	20.1	-0.499
ROI	S	36	31.24	128.50	20.1	-0.407
MMN9	P	36	17.98	156.14	359.9	-0.911
MMN	P	36	18.52	156.14	358.0	-0.342
MMN	S	36	37.49	156.14	358.0	-0.919

**43** 140325 1718 21.1 - Bacino di Cefalù  
Lat: 38.28 Lon: 14.92 Prof: 125.1 Km  
± 2.13 km ± 1.81 km ± 3.1 km  
RMS: 0.39s GAP: 125.6° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	18	41.86	87.14	111.3	-0.270
CNDF	S	18	57.67	87.14	111.3	0.162

**44** 140326 1051 36.7 - Sila Grande  
Lat: 39.28 Lon: 16.53 Prof: 32.8 Km  
± 1.33 km ± 2.07 km ± 2.5 km  
RMS: 0.38s GAP: 115.9° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	51	44.61	31.83	5.4	-0.301
ROI	S	51	51.75	31.83	5.4	0.885

**45** 140326 1416 33.0 - Maratea - Rotonda  
Lat: 40.04 Lon: 15.90 Prof: 0.0 Km  
± 3.66 km ± 4.11 km ± 3.2 km  
RMS: 0.72s GAP: 316.8° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	16	37.11	21.14	144.2	-0.551
MMN9	S	16	42.00	21.14	144.2	0.948
MMN	P	16	37.25	18.72	157.2	0.058
MMN	S	16	40.00	18.72	157.2	-0.240
CET2	P	16	43.88	57.59	176.0	-0.284
CET2	S	16	52.69	57.59	176.0	0.373
ROI	P	16	48.44	77.50	132.8	0.720
ROI	S	16	57.51	77.50	132.8	-0.965

**46** 140326 1534 55.8 - Valle dell'Esaro  
Lat: 39.76 Lon: 16.25 Prof: 13.5 Km  
± 1.13 km ± 0.99 km ± 2.5 km  
RMS: 0.44s GAP: 140.4° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	35	2.98	34.49	128.2	-0.004
ROI	S	35	9.05	34.49	128.2	0.872
CET2	P	35	3.30	36.66	224.6	0.036
CET2	S	35	8.10	36.66	224.6	-0.562

**47** 140326 1648 21.1 - Sila Piccola  
Lat: 39.10 Lon: 16.50 Prof: 18.8 Km  
± 0.50 km ± 0.64 km ± 2.4 km  
RMS: 0.42s GAP: 70.6° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
CSC2	P	48	26.90	29.42	314.4	-0.601
CSC2	S	48	32.59	29.42	314.4	0.470
SMIN	P	48	27.15	27.52	238.9	-0.112
SMIN	S	48	32.41	27.52	238.9	0.705
SCOI	P	48	27.30	29.74	314.7	-0.238
SCOI	S	48	33.08	29.74	314.7	0.895
CUP2	P	48	28.06	31.67	7.2	0.079
CUP2	S	48	32.76	31.67	7.2	-0.192
LADO	P	48	30.81	46.08	63.5	0.688

LADO	S	48	37.32	46.08	63.5	0.663
ROI	P	48	31.10	52.65	6.2	-0.359
ROI	S	48	39.31	52.65	6.2	0.333
CET2	P	48	33.44	66.93	315.3	-0.113
CET2	S	48	42.98	66.93	315.3	0.374
MMN	P	48	38.54	98.10	333.4	-0.338
MMN	S	48	51.01	98.10	333.4	-0.816
MMN9	P	48	39.06	96.02	336.2	0.511
MMN9	S	48	52.10	96.02	336.2	0.845

**48** 140326 1746 13.1 - Valle dell'Esaro  
Lat: 39.73 Lon: 16.28 Prof: 0.0 Km  
± 0.83 km ± 0.88 km ± 2.4 km  
RMS: 0.53s GAP: 107.1° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	46	19.14	30.21	304.5	-0.147
MMN	S	46	24.01	30.21	304.5	0.204
ROI	P	46	19.30	30.74	126.5	-0.418
ROI	S	46	25.33	30.74	126.5	0.778
CET2	P	46	19.97	36.36	230.6	-0.614
CET2	S	46	26.27	36.36	230.6	0.219
SMIN	P	46	28.22	84.94	183.1	-0.466
SMIN	S	46	40.86	84.94	183.1	0.776

**49** 140326 1811 23.4 - Sila Grande  
Lat: 39.28 Lon: 16.55 Prof: 30.3 Km  
± 0.94 km ± 0.93 km ± 3.1 km  
RMS: 0.48s GAP: 88.6° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	11	29.04	10.80	355.2	-0.328
CUP2	S	11	34.55	10.80	355.2	0.891
CSC2	P	11	30.12	25.91	269.9	-0.394
CSC2	S	11	36.22	25.91	269.9	0.574
SCOI	P	11	30.45	26.03	270.6	-0.072
SCOI	S	11	36.46	26.03	270.6	0.802
ROI	P	11	30.84	31.70	1.5	-0.544
ROI	S	11	37.90	31.70	1.5	0.746
LADO	P	11	31.63	36.33	90.1	-0.138
LADO	S	11	38.44	36.33	90.1	0.620
SMIN	P	11	32.96	45.00	219.2	-0.053
SMIN	S	11	40.50	45.00	219.2	0.524
CET2	P	11	34.17	58.54	297.4	-0.310
CET2	S	11	43.08	58.54	297.4	0.563
MMN9	P	11	39.02	80.13	327.0	0.658
MMN9	S	11	49.75	80.13	327.0	0.512

**50** 140326 1852 22.0 - Sila Grande  
Lat: 39.46 Lon: 16.73 Prof: 132.7 Km  
± 5.10 km ± 4.15 km ± 5.0 km  
RMS: 0.62s GAP: 169.5° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
ROI	P	52	40.49	19.03	309.8	-0.283
ROI	S	52	53.95	19.03	309.8	-0.529
CUP2	P	52	40.72	18.56	241.9	-0.034
CUP2	S	52	54.70	18.56	241.9	0.260
LADO	P	52	41.37	28.60	133.2	0.624
LADO	S	52	54.75	28.60	133.2	0.333
SMIN	P	52	42.77	69.90	219.0	-0.198
SMIN	S	52	58.91	69.90	219.0	0.629
CET2	P	52	42.90	67.87	276.2	0.827
CET2	S	52	56.09	67.87	276.2	-0.631

**51** 140326 1929 48.6 - Sila Grande  
Lat: 39.30 Lon: 16.53 Prof: 31.1 Km  
± 0.85 km ± 0.96 km ± 2.9 km  
RMS: 0.44s GAP: 88.2° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	29	54.38	8.99	4.4	-0.107
CUP2	S	30	-3.7	8.99	4.4	0.826
ROI	P	29	56.17	29.98	4.6	-0.178
ROI	S	30	2.91	29.98	4.6	0.893
LADO	P	29	56.92	37.97	92.8	-0.222
LADO	S	30	4.34	37.97	92.8	0.947
SMIN	P	29	58.40	45.45	216.3	0.166
SMIN	S	30	5.73	45.45	216.3	0.445
CET2	P	29	59.48	56.30	296.5	0.199

CET2 S 30 7.34 56.30 296.5 0.253  
 MMN9 P 30 2.65 77.76 327.2 -0.467  
 MMN9 S 30 14.54 77.76 327.2 0.801

52 140326 2002 25.1 - Sila Grande  
 Lat: 39.29 Lon: 16.54 Prof: 26.9 Km  
 ± 0.60 km ± 0.78 km ± 3.0 km  
 RMS: 0.47s GAP: 77.0° NR: 45

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	02	30.45	9.75	1.7	-0.001
CUP2	S	02	35.00	9.75	1.7	0.652
CSC2	P	02	31.29	24.73	267.5	-0.362
CSC2	S	02	37.24	24.73	267.5	0.822
SCOI	P	02	31.29	24.84	268.3	-0.367
SCOI	S	02	36.70	24.84	268.3	0.266
LADO	P	02	32.93	37.55	91.6	-0.391
LADO	S	02	39.83	37.55	91.6	0.516
SMIN	P	02	34.51	45.06	217.2	0.057
SMIN	S	02	42.09	45.06	217.2	0.817
CET2	P	02	35.58	57.00	297.0	-0.298
CET2	S	02	44.21	57.00	297.0	0.473
VBL2	P	02	40.07	78.71	208.7	0.420
VBL2	S	02	50.62	78.71	208.7	0.342
MMN	P	02	40.09	81.42	324.2	-0.034
MMN	S	02	50.28	81.42	324.2	-0.820
MMN9	P	02	40.53	78.63	327.3	0.816
MMN9	S	02	50.01	78.63	327.3	-0.379
CNDF	P	02	49.76	155.43	202.7	0.008
CNDF	S	03	8.73	155.43	202.7	0.968

53 140326 2315 00.6 - Alto Tirreno Cosentino  
 Lat: 39.79 Lon: 16.16 Prof: 27.9 Km  
 ± 2.22 km ± 8.63 km ± 3.5 km  
 RMS: 0.60s GAP: 252.7° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	15	5.97	14.75	319.0	-0.514
MMN9	S	15	11.36	14.75	319.0	0.594
MMN	P	15	6.83	18.44	306.7	0.050
MMN	S	15	11.22	18.44	306.7	-0.056
CET2	P	15	9.06	34.26	211.7	0.465
CET2	S	15	13.89	34.26	211.7	-0.536

54 140327 0133 29.7 - Valle dell'Esaro  
 Lat: 39.61 Lon: 16.15 Prof: 3.5 Km  
 ± 1.13 km ± 2.65 km ± 3.9 km  
 RMS: 0.68s GAP: 153.0° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	33	36.09	31.79	343.7	0.252
MMN9	S	33	39.42	31.79	343.7	-0.845
MMN	P	33	36.82	33.50	335.2	0.710
MMN	S	33	39.97	33.50	335.2	-0.767
SCOI	P	33	37.09	37.43	166.6	0.381
SCOI	S	33	42.22	37.43	166.6	0.445

55 140327 0453 40.1 - Maratea - Rotonda  
 Lat: 39.91 Lon: 16.08 Prof: 5.8 Km  
 ± 0.32 km ± 0.17 km ± 0.4 km  
 RMS: 0.10s GAP: 120.5° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	53	42.59	8.87	250.4	-0.018
MMN	S	53	44.41	8.87	250.4	-0.004

56 140327 0627 16.2 - Sila Grande  
 Lat: 39.31 Lon: 16.58 Prof: 27.6 Km  
 ± 5.73 km ± 6.43 km ± 4.5 km  
 RMS: 0.69s GAP: 265.3° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	27	21.19	7.78	336.6	-0.333
CUP2	S	27	25.80	7.78	336.6	0.384
ROI	P	27	23.07	28.09	357.2	-0.319
ROI	S	27	29.02	28.09	357.2	0.370
CSC2	P	27	23.88	28.34	262.5	0.654
CSC2	S	27	27.61	28.34	262.5	-0.754

57 140327 0953 46.1 - Sila Grande  
 Lat: 39.29 Lon: 16.54 Prof: 28.7 Km  
 ± 0.92 km ± 0.85 km ± 2.7 km  
 RMS: 0.42s GAP: 87.9° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	53	51.61	10.03	.5	-0.096
CUP2	S	53	56.23	10.03	.5	0.432
CSC2	P	53	52.40	24.94	268.2	-0.444
CSC2	S	53	58.19	24.94	268.2	0.419
ROI	P	53	53.40	31.01	3.4	-0.365
ROI	S	53	59.46	31.01	3.4	0.093
LADO	P	53	54.15	37.32	91.2	-0.240
LADO	S	54	1.24	37.32	91.2	0.793
SMIN	P	53	56.38	44.96	217.7	0.862
SMIN	S	54	1.66	44.96	217.7	-0.739
CET2	P	53	56.81	57.33	297.2	-0.176
CET2	S	54	5.69	57.33	297.2	0.745

58 140327 1421 44.0 - Bacino di Paola  
 Lat: 38.79 Lon: 15.73 Prof: 10.0 Km  
 ± 0.71 km ± 1.27 km ± 2.4 km  
 RMS: 0.42s GAP: 199.9° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
VBL2	P	21	51.05	34.97	112.7	0.224
VBL2	S	21	55.90	34.97	112.7	0.181
SMIN	P	21	53.20	47.08	65.2	0.319
SMIN	S	21	59.28	47.08	65.2	-0.002
CET2	P	21	58.95	83.71	13.3	0.769
CNDF	P	21	59.34	88.42	173.4	-0.228
CNDF	S	22	10.16	88.42	173.4	-0.702

59 140327 1631 42.4 - Alto Tirreno Cosentino  
 Lat: 39.89 Lon: 16.15 Prof: 8.5 Km  
 ± 1.29 km ± 0.84 km ± 2.1 km  
 RMS: 0.37s GAP: 184.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	31	45.80	13.63	270.4	0.081
MMN	S	31	47.76	13.63	270.4	-0.356
CET2	P	31	50.85	43.48	202.8	0.025
CET2	S	31	56.40	43.48	202.8	-0.560

60 140328 0824 23.0 - Canyon di Stromboli  
 Lat: 38.40 Lon: 15.33 Prof: 114.4 Km  
 ± 1.25 km ± 2.30 km ± 2.7 km  
 RMS: 0.34s GAP: 190.2° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	24	41.39	64.04	134.7	0.137
CNDF	S	24	54.91	64.04	134.7	0.365
ROI	P	24	51.53	167.93	39.8	0.429
ROI	S	25	12.19	167.93	39.8	0.589

61 140328 1832 40.9 - Vallo di Diano  
 Lat: 40.25 Lon: 15.98 Prof: 16.0 Km  
 ± 0.55 km ± 0.47 km ± 1.8 km  
 RMS: 0.31s GAP: 108.5° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	32	48.80	40.71	179.9	-0.092
MMN	S	32	55.14	40.71	179.9	0.430

62 140329 0027 44.7 - Sila Grande  
 Lat: 39.20 Lon: 16.49 Prof: 19.3 Km  
 ± 0.57 km ± 0.61 km ± 1.8 km  
 RMS: 0.31s GAP: 84.5° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
SCOI	P	27	50.18	22.40	293.5	0.084
SCOI	S	27	53.84	22.40	293.5	-0.178
CUP2	P	27	50.28	19.97	13.3	0.331
CUP2	S	27	54.13	19.97	13.3	0.366
SMIN	P	27	52.01	34.83	221.3	0.068
SMIN	S	27	56.95	34.83	221.3	-0.265
ROI	P	27	52.99	40.85	8.9	-0.111
ROI	S	27	58.61	40.85	8.9	-0.614

<b>63</b>	140329 0151 22.5 - Bacino di Paola	LADO	P	06 25.96	45.44	77.8	-0.319
	Lat: 39.44 Lon: 15.98 Prof: 67.0 Km	LADO	S	06 33.68	45.44	77.8	0.820
	± 0.97 km ± 1.43 km ± 2.9 km	CET2	P	06 28.13	57.14	309.8	0.023
	RMS: 0.37s GAP: 149.4° NR: 29	CET2	S	06 36.90	57.14	309.8	0.877
	STN PHASE MN SEC DIST AZM RES						
	CET2 P 51 32.81 9.87 346.6 0.549						
	CET2 S 51 39.89 9.87 346.6 0.502						
	MMN P 51 34.95 49.80 1.1 -0.529						
	MMN S 51 44.10 49.80 1.1 -0.864						
	ROI P 51 35.19 52.55 74.1 -0.462						
	ROI S 51 44.98 52.55 74.1 -0.282						
	SMIN P 51 35.19 56.29 157.8 -0.823						
	SMIN S 51 45.39 56.29 157.8 -0.498						
	CUP2 P 51 35.55 49.23 97.6 0.213						
	CUP2 S 51 44.82 49.23 97.6 0.103						
<b>64</b>	140329 0317 55.5 - Offshore Scalea - Diamante						
	Lat: 39.56 Lon: 15.46 Prof: 251.1 Km						
	± 5.84 km ±13.24 km ± 4.0 km						
	RMS: 0.47s GAP: 264.0° NR: 10						
	STN PHASE MN SEC DIST AZM RES						
	CET2 P 18 28.81 42.05 96.2 0.870						
	ROI P 18 30.58 94.63 89.9 0.244						
<b>65</b>	140329 1703 35.4 - Piana bat. ionica						
	Lat: 37.80 Lon: 15.63 Prof: 25.0 Km						
	± 0.85 km ± 0.77 km ± 2.2 km						
	RMS: 0.38s GAP: 154.3° NR: 21						
	STN PHASE MN SEC DIST AZM RES						
	CNDF P 03 42.51 29.73 41.1 0.096						
	CNDF S 03 46.71 29.73 41.1 -0.827						
<b>66</b>	140330 0446 44.6 - Alto Tirreno Cosentino						
	Lat: 39.86 Lon: 16.11 Prof: 4.0 Km						
	± 0.89 km ± 0.87 km ± 2.6 km						
	RMS: 0.57s GAP: 92.4° NR: 18						
	STN PHASE MN SEC DIST AZM RES						
	MMN9 P 46 45.98 6.54 294.8 -0.477						
	MMN9 S 46 48.57 6.54 294.8 0.768						
	MMN P 46 46.82 11.36 283.5 -0.550						
	MMN S 46 49.76 11.36 283.5 0.377						
	CET2 P 46 52.51 40.16 200.8 -0.430						
	CET2 S 47 -.14 40.16 200.8 0.830						
	ROI P 46 53.92 50.59 130.3 -0.934						
	ROI S 47 3.14 50.59 130.3 0.795						
	SMIN P 47 3.27 99.72 174.7 0.372						
	SMIN S 47 15.64 99.72 174.7 -0.636						
<b>67</b>	140330 1309 33.0 - M. Nebrodi-Madonie						
	Lat: 37.76 Lon: 14.03 Prof: 162.7 Km						
	±14.20 km ± 6.23 km ± 5.8 km						
	RMS: 0.73s GAP: 336.0° NR: 27						
	STN PHASE MN SEC DIST AZM RES						
	CNDF P 10 4.79 162.78 81.6 0.755						
	CNDF S 10 26.68 162.78 81.6 -0.010						
	CUP2 P 10 39.59 283.35 51.3 0.000						
	CUP2 S 10 56.45 283.35 51.3 0.000						
	CET2 P 10 52.92 257.43 41.4 0.000						
	CET2 S 11 .53 257.43 41.4 0.000						
<b>68</b>	140330 1506 17.2 - Sila Grande						
	Lat: 39.19 Lon: 16.46 Prof: 21.3 Km						
	± 0.61 km ± 0.67 km ± 2.3 km						
	RMS: 0.39s GAP: 66.9° NR: 24						
	STN PHASE MN SEC DIST AZM RES						
	SCOI P 06 22.49 20.52 299.0 -0.153						
	SCOI S 06 27.18 20.52 299.0 0.622						
	CUP2 P 06 22.91 21.66 19.4 -0.043						
	CUP2 S 06 27.91 21.66 19.4 0.813						
	SMIN P 06 24.50 32.39 219.0 0.197						
	SMIN S 06 29.69 32.39 219.0 0.256						
<b>69</b>	140330 2147 43.9 - Piana di Sibari						
	Lat: 39.58 Lon: 16.38 Prof: 24.3 Km						
	± 1.03 km ± 0.43 km ± 0.8 km						
	RMS: 0.14s GAP: 195.2° NR: 6						
	STN PHASE MN SEC DIST AZM RES						
	ROI P 47 49.46 16.20 95.5 0.082						
	ROI S 47 53.29 16.20 95.5 -0.092						
	CUP2 P 47 50.42 26.67 147.3 -0.135						
	CUP2 S 47 55.58 26.67 147.3 0.157						
	CET2 P 47 52.10 37.23 260.2 0.050						
	CET2 S 47 57.95 37.23 260.2 -0.056						
<b>70</b>	140331 0436 13.3 - Bacino di Gioia						
	Lat: 38.52 Lon: 15.49 Prof: 150.3 Km						
	± 2.48 km ± 4.76 km ± 3.5 km						
	RMS: 0.42s GAP: 201.3° NR: 15						
	STN PHASE MN SEC DIST AZM RES						
	CNDF P 36 35.85 66.36 152.1 0.305						
	CNDF S 36 52.53 66.36 152.1 0.738						
	CET2 P 36 38.60 117.74 19.9 0.139						
	CET2 S 36 57.69 117.74 19.9 0.848						
<b>71</b>	140331 1900 21.6 - Alto Tirreno Cosentino						
	Lat: 39.88 Lon: 16.08 Prof: 4.1 Km						
	± 0.73 km ± 0.51 km ± 1.7 km						
	RMS: 0.39s GAP: 122.3° NR: 12						
	STN PHASE MN SEC DIST AZM RES						
	MMN9 P 00 22.86 2.67 278.0 0.349						
	MMN9 S 00 23.43 2.67 278.0 0.278						
	MMN P 00 23.55 7.76 272.0 -0.137						
	MMN S 00 25.05 7.76 272.0 -0.129						
	CET2 P 00 29.92 41.39 195.4 -0.230						
	CET2 S 00 35.84 41.39 195.4 -0.543						
<b>72</b>	140331 2120 33.2 - Scarpata di Paola						
	Lat: 38.82 Lon: 15.64 Prof: 191.7 Km						
	± 1.12 km ± 1.77 km ± 3.5 km						
	RMS: 0.42s GAP: 97.5° NR: 60						
	STN PHASE MN SEC DIST AZM RES						
	VBL2 P 20 59.19 43.56 112.5 -0.202						
	VBL2 S 21 18.29 43.56 112.5 -0.232						
	SMIN P 20 59.42 53.36 71.9 -0.277						
	SMIN S 21 18.55 53.36 71.9 -0.503						
	SCOI P 21 .33 74.14 45.8 -0.174						
	SCOI S 21 20.50 74.14 45.8 0.052						
	CSC2 P 21 .35 74.00 46.1 -0.152						
	CSC2 S 21 20.41 74.00 46.1 -0.037						
	CET2 P 21 .77 82.89 19.2 0.474						
	CET2 S 21 21.00 82.89 19.2 0.903						
	CNDF P 21 1.40 92.80 168.7 0.000						
	CNDF S 21 22.64 92.80 168.7 0.640						
	CUP2 P 21 2.72 99.98 51.5 0.811						
	CUP2 S 21 23.39 99.98 51.5 0.508						
	MMN P 21 2.97 122.33 14.4 -0.568						
	MMN S 21 24.95 122.33 14.4 -0.759						
	ROI P 21 3.22 115.37 43.9 0.355						
	ROI S 21 24.53 115.37 43.9 -0.007						
	MMN9 P 21 3.37 123.80 16.7 -0.306						
	MMN9 S 21 26.38 123.80 16.7 0.435						
	LADO P 21 3.39 126.43 66.0 -0.012						
	LADO S 21 26.08 126.43 66.0 0.606						