



**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

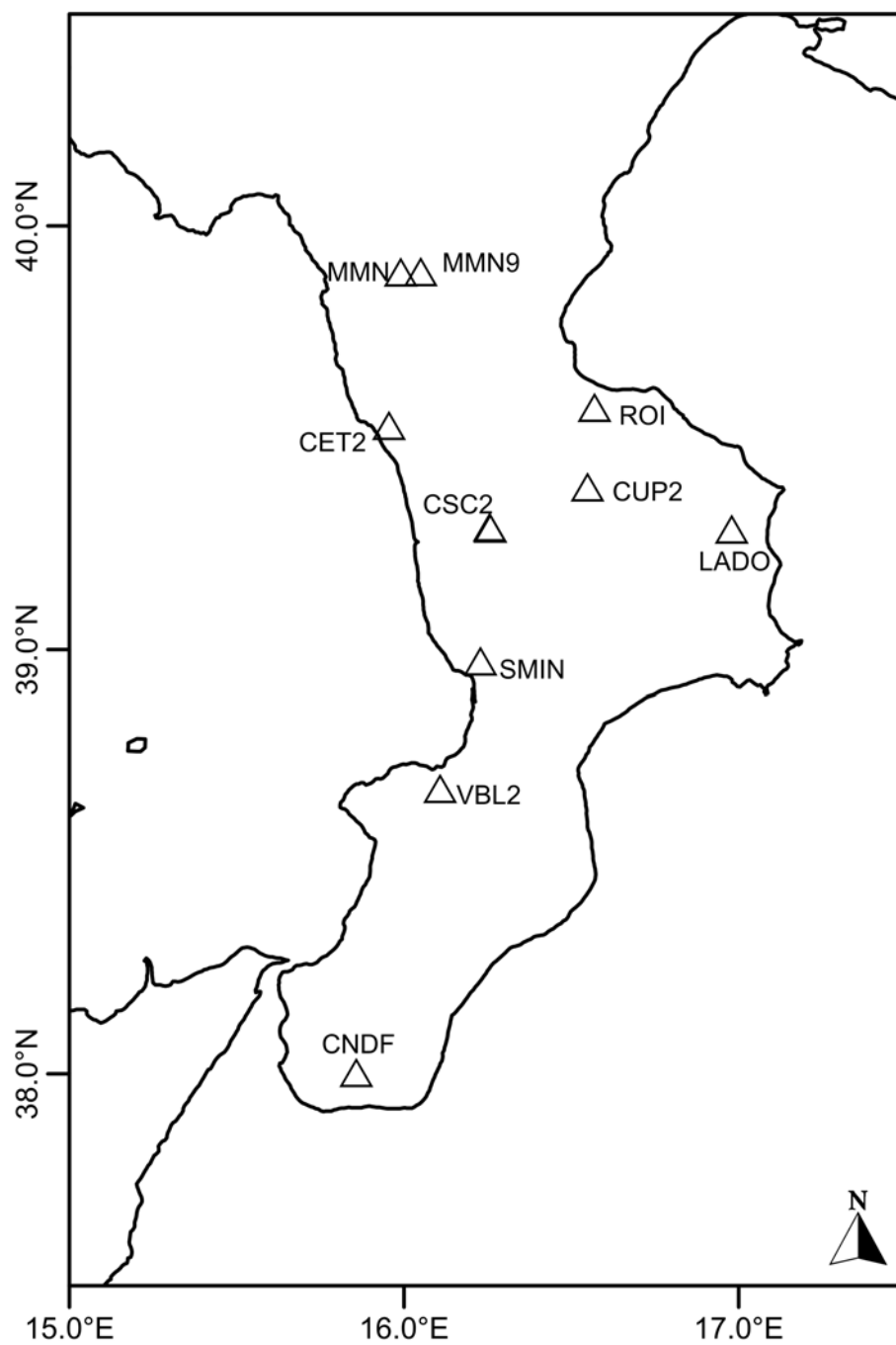
E

DELLE AREE CIRCOSTANTI

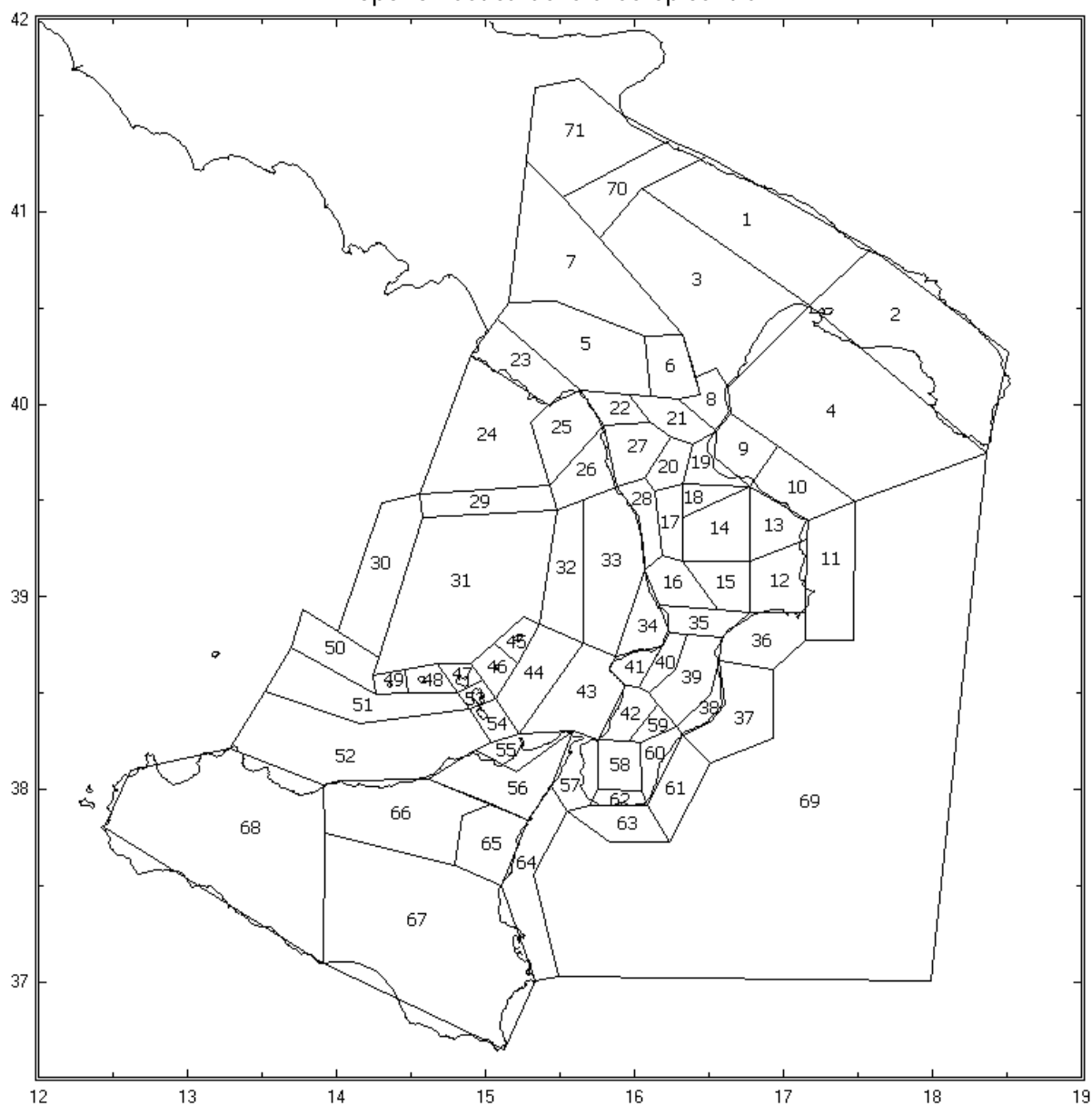
prodotto nell'ambito delle attività dell'O.R. 2.1

Periodo 01-15 Luglio 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	

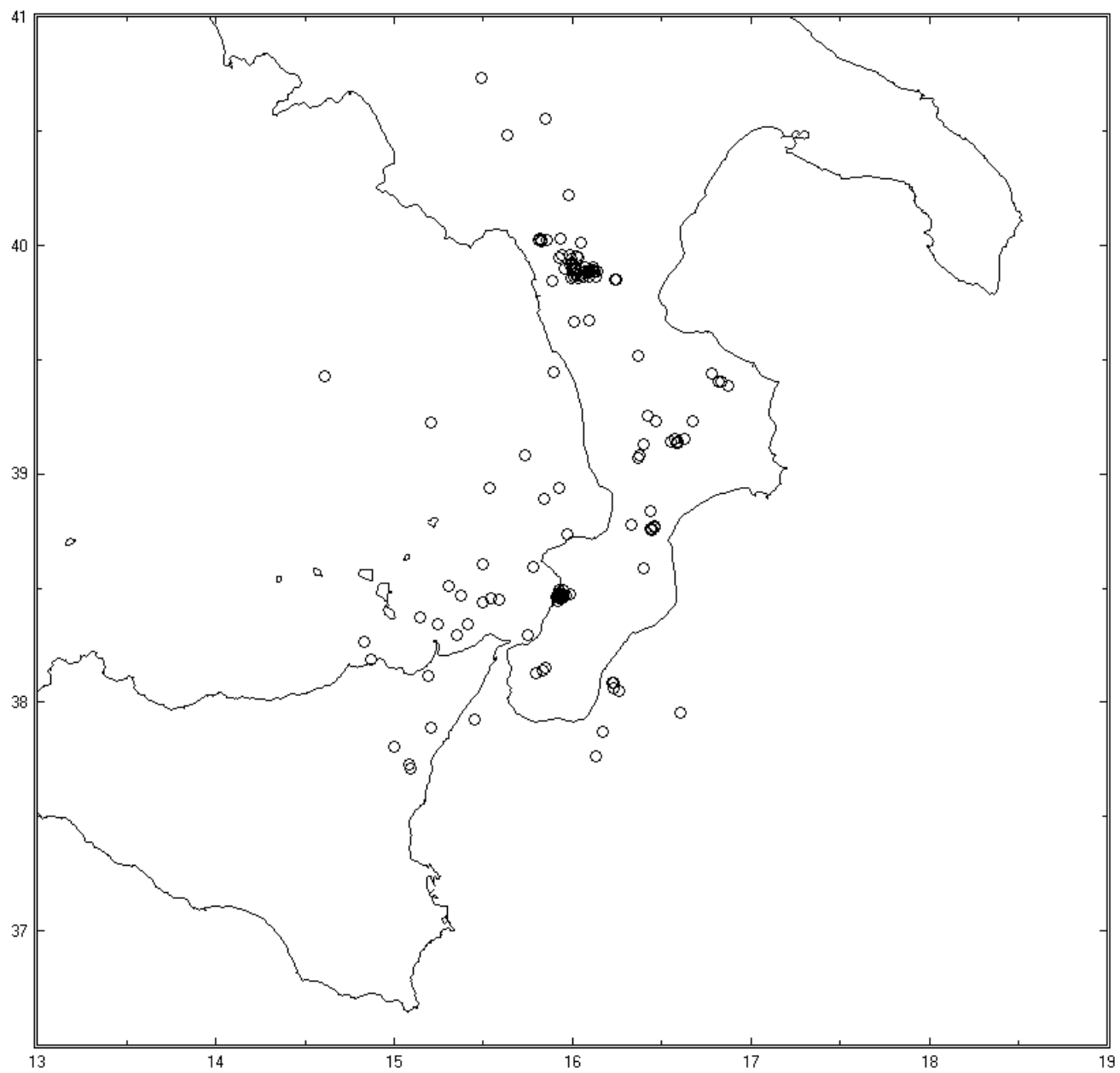
Parametri ipocentrali degli eventi localizzati nel periodo di riferimento

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
130701	1221	9.4	39.2274	15.2035	270.7	2.4	3.40	4.77	4.14	21	218	0.48	0.25
130701	1518	20.1	39.9502	16.0203	9.5	1.7	0.39	0.47	1.19	19	96	0.21	0.05
130701	1852	38.6	39.8746	16.0372	6.0	1.1	0.55	0.62	1.85	24	97	0.32	0.08
130701	2031	31.4	39.8930	16.0150	4.4	0.9	0.60	0.68	2.09	20	69	0.36	0.08
130701	2131	6.1	38.1410	15.8302	5.7	1.4	1.13	1.19	2.89	10	130	0.50	0.18
130701	2315	38.7	39.8613	16.0938	4.9	1.0	0.69	0.66	1.81	17	113	0.40	0.12
130702	0205	34.8	38.1519	15.8518	6.7	1.3	0.50	0.56	1.03	8	147	0.18	0.07
130702	0350	22.0	38.1902	14.8729	126.4	2.1	1.70	1.58	3.06	28	75	0.38	0.10
130702	0421	55.4	39.9059	16.1162	8.0	2.3	0.48	0.47	1.79	36	56	0.40	0.08
130702	1044	2.8	37.8882	15.2097	92.7	1.5	2.22	2.28	3.28	12	139	0.41	0.15
130702	1802	26.0	39.8648	16.1290	4.2	1.6	0.61	0.42	1.24	17	117	0.28	0.09
130702	1913	54.9	39.8861	16.1208	6.5	1.3	0.54	0.47	1.07	16	106	0.24	0.09
130702	2111	44.6	39.9026	16.0138	4.6	1.5	0.69	0.89	2.22	25	116	0.38	0.09
130702	2150	17.7	37.7112	15.0884	12.0	1.4	1.16	1.20	2.34	11	107	0.40	0.13
130702	2153	51.1	37.7253	15.0863	13.8	1.4	0.92	1.12	2.01	11	117	0.35	0.11
130702	2208	51.7	38.8927	15.8420	170.1	1.8	2.77	4.31	3.47	14	147	0.42	0.13
130703	0249	25.1	39.9245	15.9943	6.1	1.8	0.72	0.94	2.76	31	90	0.48	0.09
130703	0254	10.3	39.9103	16.0104	7.8	1.2	0.56	0.71	1.51	18	87	0.26	0.07
130703	0305	59.4	39.0812	16.3784	16.8	1.2	0.41	0.53	1.64	24	96	0.28	0.06
130703	0403	56.5	38.2973	15.3515	159.3	1.8	4.84	7.21	6.78	16	110	0.82	0.27
130703	0444	10.6	39.9462	15.9232	7.6	1.0	0.54	0.78	1.25	14	123	0.22	0.06
130703	0658	39.8	39.9558	15.9394	8.7	1.4	0.48	0.80	1.64	16	113	0.28	0.07
130703	0847	56.9	39.8616	16.0634	2.6	0.9	0.59	0.52	1.32	19	108	0.29	0.09
130703	1045	15.2	39.9381	15.9957	10.0	2.1	0.62	1.07	2.25	29	123	0.39	0.08
130703	1418	20.0	40.0180	15.8235	2.5	1.3	0.80	0.91	1.66	16	122	0.37	0.10
130703	1509	9.9	39.8849	16.0836	4.6	1.0	0.60	0.51	1.45	19	121	0.32	0.09
130703	1647	8.8	37.7636	16.1347	37.3	1.8	1.28	3.64	3.27	20	237	0.42	0.37
130703	1710	45.1	38.4427	15.9187	5.0	1.4	0.55	0.94	1.95	22	109	0.43	0.10
130704	0407	30.6	39.0814	15.7316	79.3	2.1	0.87	1.33	3.28	38	132	0.41	0.09
130704	0530	3.6	38.2973	15.7465	11.1	1.2	1.35	0.65	1.34	11	134	0.23	0.19
130704	0753	42.8	39.8860	16.0822	6.3	1.4	0.54	0.54	1.05	18	199	0.23	0.11
130704	1356	5.8	40.4828	15.6344	20.2	3.0	0.59	0.87	3.38	53	46	0.58	0.09
130704	1812	46.0	38.7771	16.3333	20.5	1.1	0.59	0.93	1.63	12	108	0.28	0.09
130705	0104	3.4	39.0718	16.3642	12.6	1.1	0.44	0.66	1.72	21	98	0.30	0.07
130705	0145	36.9	39.8550	16.0307	5.2	1.3	0.64	1.05	2.44	21	119	0.42	0.10
130705	0711	33.0	38.4689	15.3706	100.0	2.8	1.42	1.61	2.72	30	127	0.34	0.09
130705	1355	47.8	38.7603	16.4344	17.4	2.3	0.63	1.21	2.74	34	143	0.47	0.11
130705	1424	21.7	38.7643	16.4628	15.6	1.7	0.73	1.12	2.39	21	150	0.41	0.13
130705	1501	34.2	38.7669	16.4566	16.4	1.3	0.36	0.49	1.12	16	148	0.19	0.06
130705	2116	49.6	39.2291	16.6749	14.9	0.7	0.76	1.30	1.91	10	146	0.33	0.11
130705	2204	26.1	39.8634	16.0088	3.5	0.8	0.37	0.58	1.27	16	124	0.22	0.06
130705	2208	29.0	39.8957	16.1153	5.7	1.1	0.78	0.48	1.37	16	162	0.31	0.11
130706	0408	46.6	38.4503	15.5920	134.0	2.2	2.68	3.89	4.14	18	154	0.50	0.14
130706	0725	6.3	39.8432	15.8894	44.5	1.7	1.14	1.72	3.35	27	92	0.43	0.09
130706	1007	25.6	40.0306	15.9314	0.0	1.7	0.49	0.74	1.57	20	164	0.35	0.10
130706	1011	9.4	39.9150	15.9855	1.3		1.92	1.11	1.25	7	290	0.28	0.39
130706	1102	20.9	38.9410	15.5334	81.7	2.1	1.09	3.16	3.47	21	189	0.43	0.19
130706	1104	8.1	39.8758	16.0154	2.7		2.85	0.80	1.29	7	239	0.29	0.30
130706	1344	59.0	39.9030	16.0669	5.7	1.7	0.50	0.56	1.79	26	72	0.40	0.09
130706	1951	37.5	38.7389	15.9701	40.0	2.6	0.48	0.79	3.18	68	78	0.41	0.05
130707	0038	8.6	39.8882	16.0733	5.0	1.4	1.02	1.07	1.34	14	233	0.30	0.22
130707	0328	37.6	39.4404	16.7835	25.6	1.3	1.48	1.83	3.55	18	155	0.55	0.21
130707	0621	3.3	38.7544	16.4411	19.4	2.4	0.53	1.04	2.53	43	146	0.44	0.11
130707	0743	53.2	38.3398	15.4155	119.0	2.6	1.57	1.91	3.94	43	103	0.49	0.08
130707	0933	36.4	39.8821	16.0817	4.7	1.2	0.38	0.38	1.21	22	88	0.27	0.07
130707	1040	22.7	39.1427	16.5528	16.9	3.1	0.65	1.14	4.32	63	58	0.74	0.13
130707	1147	34.8	39.1331	16.5850	20.5	1.1	1.00	1.03	2.54	21	103	0.44	0.12

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
130707	1148	39.6	39.8959	16.0185	5.4	1.8	0.41	0.54	1.41	29	115	0.24	0.05
130707	1156	57.1	39.1546	16.6243	27.7	1.3	2.34	2.22	3.90	16	130	0.60	0.21
130707	1452	39.5	37.9268	15.4501	4.4	1.3	0.72	0.31	0.84	12	208	0.19	0.10
130707	1606	46.9	38.6041	15.4969	155.0	2.0	2.70	4.65	3.57	14	279	0.43	0.30
130707	1819	55.3	38.5915	15.7806	51.4	1.5	5.21	5.05	6.40	10	162	0.82	0.33
130707	1931	26.1	39.8921	15.9975	6.2	2.2	0.47	0.80	2.41	43	46	0.42	0.07
130707	1959	34.3	39.5197	16.3661	14.4	1.4	1.08	1.10	2.46	13	152	0.42	0.14
130707	2003	16.0	38.9393	15.9228	65.8	1.7	1.33	4.83	3.13	12	159	0.39	0.14
130707	2112	5.5	38.7626	16.4443	15.5	1.2	0.66	0.96	2.03	13	146	0.35	0.12
130708	0309	6.3	39.1344	16.5929	20.2	0.7	1.27	1.26	2.26	12	149	0.39	0.15
130708	0437	34.9	38.7724	16.4590	15.8	1.1	0.84	1.05	2.25	12	148	0.39	0.13
130708	0733	42.5	39.8483	16.2426	7.4	2.0	0.51	0.44	1.53	31	59	0.34	0.07
130708	1436	17.5	39.8918	16.1188	5.5	1.1	0.50	0.42	1.25	16	95	0.28	0.08
130708	1518	53.2	39.8961	16.0160	5.1	1.6	0.55	0.67	1.74	21	64	0.30	0.07
130708	1556	16.8	39.8933	16.0011	4.9	1.3	0.45	0.48	1.38	20	66	0.24	0.05
130708	2125	3.8	39.1408	16.5915	19.3	1.0	0.90	0.93	2.31	15	95	0.40	0.12
130709	0035	25.6	38.8360	16.4367	10.9	1.0	0.38	0.51	1.16	12	135	0.20	0.06
130709	1036	41.7	39.8511	16.2352	6.3	2.3	0.80	0.72	2.12	19	107	0.47	0.12
130709	1329	1.6	39.9008	16.0073	4.3	0.9	0.20	0.24	0.43	14	125	0.07	0.02
130709	1332	0.4	39.8815	16.0647	1.5		0.03	0.01	0.01	6	322	0.00	0.00
130709	1432	59.0	38.4667	15.9239	14.3	1.6	0.67	0.80	2.49	23	97	0.43	0.11
130709	1503	24.2	39.1551	16.5759	20.0	1.4	0.97	0.77	1.97	12	92	0.34	0.10
130709	1524	3.6	38.4753	15.9469	15.8	1.9	0.47	0.66	2.01	30	74	0.35	0.07
130709	1541	25.3	38.4931	15.9437	22.3	1.4	0.82	1.27	2.31	16	101	0.40	0.12
130709	1548	47.9	38.4755	15.9402	16.7	2.3	0.55	0.69	2.57	38	73	0.44	0.07
130709	1617	35.5	38.4572	15.9252	13.1	1.6	0.80	0.93	2.82	20	89	0.49	0.12
130709	1625	35.8	38.4536	15.9436	6.1	1.5	2.47	1.46	3.18	12	105	0.55	0.36
130709	1716	37.7	38.4680	15.9383	11.8	1.2	0.60	0.75	1.88	13	104	0.32	0.10
130709	1722	57.2	38.4772	15.9283	14.0	1.3	0.49	0.62	2.57	51	72	0.44	0.06
130709	1726	17.1	38.4670	15.9273	13.2	2.0	0.65	0.75	2.34	18	73	0.40	0.10
130709	1734	8.4	38.4593	15.9192	7.6	1.8	0.60	0.87	2.21	16	110	0.38	0.10
130709	1735	1.6	38.4630	15.9392	12.7	1.8	0.47	0.65	1.67	21	92	0.29	0.07
130709	1807	54.6	38.4629	15.9333	11.9	1.7	0.56	0.71	2.01	17	106	0.35	0.09
130709	1810	0.5	38.4802	15.9210	15.2	2.1	0.51	0.58	2.47	44	71	0.43	0.07
130709	1815	8.1	38.4712	15.9200	15.4	1.9	0.53	0.67	2.17	26	98	0.37	0.08
130709	1817	26.8	39.4462	15.8964	48.3	1.8	0.52	0.87	2.77	42	112	0.36	0.07
130709	1821	38.1	38.4597	15.9461	6.1	1.3	0.40	0.67	1.26	11	109	0.22	0.08
130709	1828	40.4	38.4620	15.9512	8.8	1.8	0.40	0.59	1.23	13	111	0.21	0.08
130709	1829	25.4	38.4614	15.9339	14.0	1.9	0.64	0.75	2.57	25	74	0.44	0.09
130709	1839	15.7	38.4766	15.9326	15.4	1.2	0.98	1.12	2.66	14	109	0.46	0.14
130709	1851	15.3	38.4593	15.9341	7.2	1.6	0.47	0.65	1.74	14	105	0.30	0.08
130709	1907	28.9	38.4395	15.4938	135.3	2.5	1.36	2.03	3.65	47	107	0.44	0.08
130709	1931	21.3	38.4703	15.9269	16.6	2.1	0.52	0.66	2.36	32	72	0.41	0.08
130709	1941	22.8	39.4262	14.6075	381.7	3.1	3.30	3.82	4.06	44	176	0.47	0.17
130709	2016	22.9	38.4646	15.9274	12.3	1.4	0.44	0.57	1.50	15	108	0.26	0.07
130709	2029	59.8	38.4659	15.9501	10.7	1.2	0.46	0.52	1.34	12	112	0.23	0.08
130709	2031	33.5	38.4650	15.9189	13.5	1.7	0.53	0.61	1.93	20	86	0.33	0.08
130709	2048	53.2	38.4606	15.9442	8.7	1.5	0.46	0.66	1.76	16	102	0.30	0.08
130709	2210	11.0	38.4685	15.9372	14.5	1.4	0.50	0.61	1.81	20	74	0.31	0.08
130709	2215	35.6	38.4758	15.9254	16.8	1.8	0.52	0.59	2.22	32	83	0.38	0.08
130709	2225	57.5	38.4608	15.9295	13.2	1.3	0.50	0.74	1.98	22	107	0.34	0.08
130709	2244	17.8	38.4711	15.9472	10.0	1.1	0.77	0.88	2.27	12	112	0.39	0.13
130709	2245	12.0	38.4663	15.9315	11.1	1.3	0.37	0.76	1.13	14	180	0.20	0.08
130709	2320	53.0	38.4781	15.9227	17.2	1.9	0.53	0.67	2.54	36	71	0.44	0.08
130709	2326	39.5	38.1147	15.1871	12.9	1.4	0.49	0.32	1.51	25	60	0.26	0.05
130709	2342	20.7	38.4690	15.9234	15.4	1.3	0.53	0.50	1.53	18	104	0.26	0.08
130709	2355	34.7	38.4635	15.9499	10.0	1.1	0.53	0.60	1.56	12	111	0.27	0.09
130710	0008	40.8	38.4706	15.9413	12.7	1.0	0.34	0.40	1.00	14	110	0.17	0.06
130710	0011	30.7	38.4639	15.9197	12.5	1.2	0.54	0.68	1.70	12	110	0.29	0.09

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
130710	0112	29.7	38.4683	15.9499	13.1	1.0	0.42	0.48	1.22	14	112	0.21	0.07
130710	0114	48.1	38.4720	15.9335	13.8	1.8	0.51	0.57	1.90	22	94	0.33	0.07
130710	0115	51.5	38.4655	15.9309	12.7	1.5	0.69	0.75	2.49	20	95	0.43	0.10
130710	0201	15.6	38.4747	15.9869	14.5	0.7	0.85	1.34	2.17	10	147	0.37	0.15
130710	0241	3.9	38.4621	15.9098	7.4	0.9	0.37	0.74	1.24	12	171	0.21	0.08
130710	0254	14.1	38.4811	15.9256	21.4	1.5	1.22	1.01	2.94	17	108	0.51	0.17
130710	0306	53.8	38.4654	15.9391	10.4	1.0	0.34	0.39	1.00	12	108	0.17	0.06
130710	0415	9.4	38.4696	15.9149	13.9	1.2	0.42	0.79	1.27	12	173	0.22	0.09
130710	0550	8.4	38.4682	15.9351	10.3	1.3	0.87	1.00	2.46	10	108	0.42	0.15
130710	0603	45.0	38.4687	15.9630	5.1	1.4	0.78	1.10	2.23	9	126	0.38	0.14
130710	0617	41.7	38.4914	15.9251	19.9	1.4	1.29	1.06	2.80	12	110	0.48	0.17
130710	0637	31.0	38.4666	15.9408	12.9	1.7	0.50	0.58	1.47	14	109	0.25	0.09
130710	0639	30.5	39.8860	16.1383	5.0	0.9	1.78	1.58	3.64	11	160	0.63	0.29
130710	0746	5.1	39.4019	16.8334	29.6	1.8	1.01	1.41	2.08	15	203	0.32	0.16
130710	1728	57.1	39.8884	16.0923	4.7	1.7	0.50	0.57	1.63	25	120	0.36	0.09
130710	2210	30.9	39.3840	16.8688	24.6	1.3	2.87	2.96	4.26	10	224	0.66	0.40
130710	2352	27.6	38.4661	15.9366	11.4	1.4	0.36	0.42	1.06	12	108	0.18	0.06
130711	0000	58.0	38.4716	15.9348	16.8	1.4	0.79	0.80	2.07	13	109	0.36	0.12
130711	0044	43.6	38.4647	15.9253	8.2	1.3	0.51	1.02	1.53	10	177	0.26	0.12
130711	0334	8.8	38.1264	15.7951	10.4	1.2	0.72	0.67	1.54	9	106	0.27	0.09
130711	0731	21.6	40.0142	16.0454	11.3	1.3	0.86	1.11	2.84	16	113	0.49	0.14
130711	0820	30.8	38.4650	15.9318	13.6	1.8	0.55	0.60	1.69	17	99	0.29	0.09
130711	0928	34.6	38.5885	16.3972	20.7	1.6	0.66	1.06	2.00	17	140	0.34	0.11
130712	0053	29.5	40.5551	15.8496	11.0	1.9	0.45	0.57	2.69	46	45	0.46	0.07
130712	0121	52.4	37.8083	15.0031	24.7	1.9	0.38	0.61	2.24	49	59	0.39	0.06
130712	0334	57.9	39.6748	16.0945	81.1	1.7	1.14	2.19	3.58	20	96	0.46	0.11
130712	0421	36.5	38.4656	15.9296	15.0	1.7	0.56	0.60	1.77	18	82	0.31	0.08
130712	0448	15.2	38.5072	15.3070	127.3	2.4	2.82	1.75	2.96	26	194	0.37	0.15
130712	0449	8.0	40.0236	15.8232	7.8	2.7	0.46	0.65	2.36	38	88	0.41	0.08
130712	0504	3.1	40.0274	15.8170	3.8	1.3	0.50	0.69	1.98	21	96	0.34	0.08
130712	0819	34.7	37.8709	16.1662	38.3	1.7	1.28	2.03	3.24	21	202	0.42	0.22
130712	1052	35.6	38.3709	15.1445	152.6	2.9	1.35	1.68	3.85	58	73	0.46	0.07
130712	2041	9.8	38.2633	14.8339	121.6	1.9	2.95	2.43	3.10	19	178	0.39	0.18
130712	2111	5.3	37.9554	16.6032	57.0	2.3	1.23	1.91	4.27	43	222	0.53	0.22
130713	0056	12.4	39.4011	16.8178	27.9	1.4	0.87	1.06	1.72	12	192	0.26	0.13
130713	0059	35.1	39.4045	16.8178	28.2	1.1	0.78	1.18	1.51	10	192	0.23	0.12
130713	0503	36.4	39.9575	15.9894	11.5	1.0	0.75	1.03	1.29	11	167	0.22	0.08
130713	1724	20.5	40.2236	15.9759	2.3	2.2	0.38	0.35	1.25	25	64	0.28	0.06
130713	1806	28.9	38.3435	15.2464	114.7	2.0	1.12	1.12	2.14	28	105	0.27	0.08
130713	2109	5.8	40.7312	15.4910	1.2	2.3	0.46	0.56	1.95	38	71	0.43	0.08
130714	0120	42.5	39.8885	16.1016	5.2	1.3	0.53	0.41	1.15	17	124	0.26	0.08
130714	0208	51.4	39.2574	16.4195	16.5	1.6	1.18	1.11	2.51	14	132	0.43	0.15
130714	0519	16.6	40.0249	15.8538	0.7	1.2	0.42	0.56	1.39	15	88	0.31	0.08
130714	0838	24.9	39.9490	16.0324	2.6	1.1	0.34	0.36	0.75	13	134	0.17	0.07
130714	1308	40.5	39.6684	16.0112	95.7	1.9	1.12	1.05	3.25	19	112	0.41	0.10
130714	1803	16.6	38.0531	16.2583	19.9	1.5	1.74	1.59	2.42	20	241	0.42	0.31
130714	1814	1.6	38.0876	16.2324	16.4	2.5	1.61	1.30	2.42	20	230	0.42	0.26
130714	1947	1.4	39.8559	15.9899	2.4	0.7	0.26	0.49	0.80	14	131	0.18	0.06
130714	2025	2.2	38.0847	16.2255	15.8	1.4	2.08	1.73	2.65	12	229	0.46	0.33
130714	2157	45.0	39.8998	15.9581	0.9	0.8	0.33	0.36	0.73	12	159	0.16	0.06
130715	0220	40.2	39.8933	16.1098	5.1	0.7	0.80	0.75	1.66	13	99	0.37	0.14
130715	0320	9.7	39.2283	16.4681	17.9	1.0	0.72	0.80	1.95	14	80	0.34	0.09
130715	1221	45.1	38.0638	16.2330	17.4	2.6	0.96	0.94	1.94	20	205	0.33	0.17
130715	1833	4.1	38.4530	15.5429	84.3	2.3	1.77	2.37	4.29	32	107	0.54	0.11
130715	2100	10.6	40.0255	15.8119	6.5	1.8	0.62	0.77	2.07	21	104	0.36	0.10
130715	2212	52.2	39.1272	16.3980	14.6	1.1	0.87	0.86	2.69	20	108	0.46	0.13

Epicentri localizzati nel periodo di riferimento



BOLLETTINO

1 130701 1221 09.4 - Piana batiale Tirreno
 Lat: 39.22 Lon: 15.20 Prof: 270.7 Km
 ± 3.40 km ± 4.77 km ± 4.1 km
 RMS: 0.48s GAP: 218.9° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	21	46.10	72.85	63.1	0.763
SMIN	P	21	46.45	93.03	108.0	-0.345
LADO	P	21	49.42	153.40	87.7	-0.291
CNDF	P	21	49.68	147.34	157.7	0.175
CNDF	S	22	19.70	147.34	157.7	0.841

2 130701 1518 20.0 - Maratea - Rotonda
 Lat: 39.95 Lon: 16.02 Prof: 9.5 Km
 ± 0.39 km ± 0.47 km ± 1.2 km
 RMS: 0.21s GAP: 96.4° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	18	22.84	6.96	158.5	0.340
MMN9	S	18	24.38	6.96	158.5	0.114
CET2	P	18	29.09	47.12	187.0	0.072
CET2	S	18	35.30	47.12	187.0	-0.253

3 130701 1852 38.6 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.03 Prof: 6.0 Km
 ± 0.55 km ± 0.62 km ± 1.8 km
 RMS: 0.32s GAP: 97.8° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	52	40.25	2.22	30.5	0.115
MMN9	S	52	41.18	2.22	30.5	-0.039
CET2	P	52	46.29	39.04	190.6	0.153
CET2	S	52	51.30	39.04	190.6	-0.317

4 130701 2031 31.4 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.01 Prof: 4.4 Km
 ± 0.60 km ± 0.68 km ± 2.1 km
 RMS: 0.36s GAP: 69.5° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	31	32.90	3.02	92.6	0.172
MMN9	S	31	33.96	3.02	92.6	0.282
CET2	P	31	39.10	40.77	187.5	-0.102
CET2	S	31	44.50	40.77	187.5	-0.398

5 130701 2131 06.1 - Aspromonte
 Lat: 38.14 Lon: 15.83 Prof: 5.7 Km
 ± 1.13 km ± 1.19 km ± 2.9 km
 RMS: 0.50s GAP: 130.1° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	31	9.79	15.47	171.4	0.475
CNDF	S	31	12.08	15.47	171.4	0.426

6 130701 2315 38.7 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.09 Prof: 4.9 Km
 ± 0.69 km ± 0.66 km ± 1.8 km
 RMS: 0.40s GAP: 113.6° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	15	40.63	5.03	312.5	0.169
MMN9	S	15	41.52	5.03	312.5	-0.214
MMN	P	15	41.29	9.42	290.5	0.100
MMN	S	15	42.60	9.42	290.5	-0.385
CET2	P	15	46.53	38.80	198.1	-0.172
CET2	S	15	51.59	38.80	198.1	-0.945

7 130702 0205 34.7 - Aspromonte
 Lat: 38.15 Lon: 15.85 Prof: 6.7 Km
 ± 0.50 km ± 0.56 km ± 1.0 km
 RMS: 0.18s GAP: 147.5° NR: 8

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	05	38.34	16.51	178.6	0.177
CNDF	S	05	40.68	16.51	178.6	0.020

8 130702 0350 22.0 - Bacino di Cefalu'
 Lat: 38.19 Lon: 14.87 Prof: 126.4 Km
 ± 1.70 km ± 1.58 km ± 3.1 km
 RMS: 0.38s GAP: 75.2° NR: 28

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	50	31.38	75.01	64.9	0.120
CNDF	S	50	41.95	75.01	64.9	0.774

9 130702 0421 55.3 - Catena del Pollino
 Lat: 39.90 Lon: 16.11 Prof: 8.0 Km
 ± 0.48 km ± 0.47 km ± 1.8 km
 RMS: 0.40s GAP: 56.2° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	21	57.59	5.84	254.6	0.003
MMN9	S	21	58.74	5.84	254.6	-0.464
MMN	P	21	58.27	10.87	261.3	0.055
MMN	S	22	-.17	10.87	261.3	-0.462
CET2	P	22	3.81	44.10	198.4	-0.051
CET2	S	22	9.40	44.10	198.4	-0.670
SMIN	P	22	14.15	104.02	174.7	0.282
SMIN	S	22	27.79	104.02	174.7	0.386

10 130702 1044 02.8 - M. Peloritani
 Lat: 37.88 Lon: 15.20 Prof: 92.7 Km
 ± 2.22 km ± 2.28 km ± 3.3 km
 RMS: 0.41s GAP: 139.6° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	44	17.94	58.33	77.8	-0.596

11 130702 1802 25.9 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.12 Prof: 4.2 Km
 ± 0.61 km ± 0.42 km ± 1.2 km
 RMS: 0.28s GAP: 117.9° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	02	28.27	7.36	294.2	0.270
MMN9	S	02	29.45	7.36	294.2	-0.020
MMN	P	02	28.94	12.18	283.9	0.017
MMN	S	02	31.20	12.18	283.9	0.132
CET2	P	02	34.41	40.19	202.0	0.122
CET2	S	02	40.30	40.19	202.0	-0.061

12 130702 1913 54.9 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.12 Prof: 6.5 Km
 ± 0.54 km ± 0.47 km ± 1.1 km
 RMS: 0.24s GAP: 106.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	13	57.30	6.05	276.1	0.203
MMN9	S	13	58.45	6.05	276.1	-0.221
MMN	P	13	57.98	11.14	272.8	0.069
MMN	S	14	.40	11.14	272.8	0.323
CET2	P	14	3.45	42.15	199.9	0.166
CET2	S	14	9.20	42.15	199.9	-0.190

13 130702 2111 44.5 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.01 Prof: 4.6 Km
 ± 0.69 km ± 0.89 km ± 2.2 km
 RMS: 0.38s GAP: 116.6° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	11	45.81	2.37	236.7	0.015
MMN	S	11	46.50	2.37	236.7	-0.204
MMN9	P	11	46.05	3.34	111.1	0.127
MMN9	S	11	46.98	3.34	111.1	0.060
CET2	P	11	52.14	41.81	187.1	-0.377
CET2	S	11	57.81	41.81	187.1	-0.531
SMIN	P	12	2.79	104.85	169.9	-0.355
SMIN	S	12	16.76	104.85	169.9	0.008

14 130702 2150 17.7 - Etna
 Lat: 37.71 Lon: 15.08 Prof: 12.0 Km
 ± 1.16 km ± 1.20 km ± 2.3 km
 RMS: 0.40s GAP: 107.9° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	50	31.38	75.01	64.9	0.120
CNDF	S	50	41.95	75.01	64.9	0.774

15 130702 2153 51.0 - Etna
 Lat: 37.72 Lon: 15.08 Prof: 13.8 Km
 ± 0.92 km ± 1.12 km ± 2.0 km
 RMS: 0.35s GAP: 117.2° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	54	4.89	74.51	66.0	0.329

16 130702 2208 51.7 - Bacino di Paola
 Lat: 38.89 Lon: 15.84 Prof: 170.1 Km
 ± 2.77 km ± 4.31 km ± 3.5 km
 RMS: 0.42s GAP: 147.0° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	09	14.61	34.64	75.2	-0.430
SMIN	S	09	31.87	34.64	75.2	-0.260
CET2	P	09	15.65	71.27	8.1	-0.157
CET2	S	09	33.80	71.27	8.1	0.342

17 130703 0249 25.1 - Maratea - Rotonda
 Lat: 39.92 Lon: 15.99 Prof: 6.1 Km
 ± 0.72 km ± 0.94 km ± 2.8 km
 RMS: 0.48s GAP: 90.8° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	49	26.74	3.75	185.0	0.037
MMN	S	49	27.80	3.75	185.0	-0.061
MMN9	P	49	26.95	6.01	127.3	-0.032
MMN9	S	49	28.19	6.01	127.3	-0.154
CET2	P	49	33.09	44.07	184.6	-0.386
CUP2	P	49	39.09	76.60	141.6	0.155
SMIN	P	49	43.78	107.55	169.3	-0.396
SMIN	S	49	57.45	107.55	169.3	-0.675

18 130703 0254 10.2 - Maratea - Rotonda
 Lat: 39.91 Lon: 16.01 Prof: 7.8 Km
 ± 0.56 km ± 0.71 km ± 1.5 km
 RMS: 0.26s GAP: 87.3° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	54	12.14	2.74	218.2	0.103
MMN	S	54	13.20	2.74	218.2	-0.134
MMN9	P	54	12.34	3.98	121.0	0.184
MMN9	S	54	13.59	3.98	121.0	0.051
CET2	P	54	18.63	42.62	186.6	0.240
CET2	S	54	24.20	42.62	186.6	-0.136

19 130703 0305 59.3 - Amantea - M.Reventino
 Lat: 39.08 Lon: 16.37 Prof: 16.8 Km
 ± 0.41 km ± 0.53 km ± 1.6 km
 RMS: 0.28s GAP: 96.5° NR: 24

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	06	3.91	17.70	227.2	0.004
SMIN	S	06	6.92	17.70	227.2	-0.291
CSC2	P	06	4.90	25.03	335.4	0.024
CSC2	S	06	9.04	25.03	335.4	0.149
CUP2	P	06	6.86	36.61	23.5	0.068
CUP2	S	06	12.06	36.61	23.5	-0.148
CET2	P	06	10.66	61.68	323.7	-0.356

20 130703 0403 56.4 - Milazzo
 Lat: 38.29 Lon: 15.35 Prof: 159.3 Km
 ± 4.84 km ± 7.21 km ± 6.8 km
 RMS: 0.82s GAP: 110.1° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	04	21.69	107.01	45.8	-0.908
CET2	P	04	25.36	146.38	21.3	0.464
CUP2	P	04	26.38	159.16	40.9	-0.467

21 130703 0444 10.6 - Maratea - Rotonda
 Lat: 39.94 Lon: 15.92 Prof: 7.6 Km
 ± 0.54 km ± 0.78 km ± 1.2 km
 RMS: 0.22s GAP: 123.3° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	44	13.21	8.42	137.0	0.255
MMN	S	44	14.55	8.42	137.0	-0.100
CET2	P	44	19.37	46.42	176.9	-0.046

22 130703 0658 39.7 - Maratea - Rotonda
 Lat: 39.95 Lon: 15.93 Prof: 8.7 Km
 ± 0.48 km ± 0.80 km ± 1.6 km
 RMS: 0.28s GAP: 113.4° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	58	42.20	8.43	148.9	0.004
MMN	S	58	43.80	8.43	148.9	-0.184
MMN9	P	58	42.81	11.84	127.0	0.130
MMN9	S	58	45.15	11.84	127.0	0.325
CET2	P	58	48.69	47.42	178.6	-0.027
CET2	S	58	54.75	47.42	178.6	-0.529

23 130703 0847 56.9 - Alto Tirreno Cosentino
 Lat: 39.86 Lon: 16.06 Prof: 2.6 Km
 ± 0.59 km ± 0.52 km ± 1.3 km
 RMS: 0.29s GAP: 108.4° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	47	58.05	3.53	341.7	0.009
MMN9	S	47	58.71	3.53	341.7	-0.156
MMN	P	47	58.69	7.02	297.6	0.034
MMN	S	48	-21	7.02	297.6	-0.142
CET2	P	48	4.46	38.11	194.3	0.163
CET2	S	48	9.70	38.11	194.3	-0.002

24 130703 1045 15.1 - Maratea - Rotonda
 Lat: 39.93 Lon: 15.99 Prof: 10.0 Km
 ± 0.62 km ± 1.07 km ± 2.3 km
 RMS: 0.39s GAP: 123.6° NR: 29

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	45	17.45	5.26	184.9	-0.020
MMN	S	45	19.19	5.26	184.9	0.039
MMN9	P	45	17.77	6.94	137.8	0.116
MMN9	S	45	19.48	6.94	137.8	0.012
CET2	P	45	24.00	45.57	184.6	0.151
CET2	S	45	30.11	45.57	184.6	-0.089

25 130703 1418 20.0 - Maratea - Rotonda
 Lat: 40.01 Lon: 15.82 Prof: 2.5 Km
 ± 0.80 km ± 0.91 km ± 1.7 km
 RMS: 0.37s GAP: 122.1° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	18	24.39	20.08	134.9	0.293
MMN	S	18	27.28	20.08	134.9	0.200
CET2	P	18	30.21	55.47	168.5	-0.212
CET2	S	18	37.64	55.47	168.5	-0.398

26 130703 1509 09.8 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.08 Prof: 4.6 Km
 ± 0.60 km ± 0.51 km ± 1.5 km
 RMS: 0.32s GAP: 121.2° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	09	11.10	2.94	285.3	-0.165
MMN9	S	09	11.59	2.94	285.3	-0.712
MMN	P	09	12.09	7.97	274.9	0.086
MMN	S	09	13.61	7.97	274.9	0.031
CET2	P	09	18.31	41.06	195.8	0.059
CET2	S	09	23.84	41.06	195.8	-0.555

27 130703 1647 08.7 - Offshore Calabria
 Meridionale
 Lat: 37.76 Lon: 16.13 Prof: 37.3 Km
 ± 1.28 km ± 3.64 km ± 3.3 km
 RMS: 0.42s GAP: 237.1° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	47	17.98	36.10	317.6	0.477
CNDF	S	47	23.65	36.10	317.6	-0.225

28 130703 1710 45.1 - Piana di Gioia
 Lat: 38.44 Lon: 15.91 Prof: 5.0 Km
 ± 0.55 km ± 0.94 km ± 1.9 km
 RMS: 0.43s GAP: 109.8° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	10	53.76	49.07	186.5	-0.354
CNDF	S	11	.82	49.07	186.5	0.143
SMIN	P	10	57.11	64.72	24.7	0.266
SMIN	S	11	4.64	64.72	24.7	-0.758
CET2	P	11	7.16	120.61	1.7	0.556
CET2	S	11	22.43	120.61	1.7	0.125

29 130704 0407 30.6 - Bacino di Paola
Lat: 39.08 Lon: 15.73 Prof: 79.3 Km
± 0.87 km ± 1.33 km ± 3.3 km
RMS: 0.41s GAP: 132.5° NR: 38

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	07	43.66	44.65	105.8	-0.292
SMIN	S	07	53.43	44.65	105.8	-0.293
SCOI	P	07	44.12	50.87	63.2	-0.232
SCOI	S	07	54.19	50.87	63.2	-0.225
CSC2	P	07	44.27	50.83	63.6	-0.088
CSC2	S	07	54.31	50.83	63.6	-0.115
CET2	P	07	44.57	53.26	21.4	0.585
CET2	S	07	54.40	53.26	21.4	0.621
CUP2	P	07	46.84	78.06	64.6	0.093
CUP2	S	07	58.75	78.06	64.6	0.188

30 130704 0530 03.6 - Bacino di Gioia
Lat: 38.29 Lon: 15.74 Prof: 11.1 Km
± 1.35 km ± 0.65 km ± 1.3 km
RMS: 0.23s GAP: 134.8° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	30	10.27	34.05	163.7	0.108
CNDF	S	30	15.05	34.05	163.7	0.109

31 130704 0753 42.8 - Alto Tirreno Cosentino
Lat: 39.88 Lon: 16.08 Prof: 6.3 Km
± 0.54 km ± 0.54 km ± 1.1 km
RMS: 0.23s GAP: 199.5° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	53	44.63	2.79	283.5	0.073
MMN9	S	53	45.90	2.79	283.5	0.074
MMN	P	53	45.22	7.85	274.1	0.032
MMN	S	53	47.01	7.85	274.1	0.090
CET2	P	53	50.76	41.14	195.6	-0.259
CET2	S	53	56.68	41.14	195.6	-0.337

32 130704 1356 05.8 - Vallo di Diano
Lat: 40.48 Lon: 15.63 Prof: 20.2 Km
± 0.59 km ± 0.87 km ± 3.4 km
RMS: 0.58s GAP: 46.0° NR: 53

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	56	20.22	74.56	151.9	0.599
MMN9	S	56	29.76	74.56	151.9	0.049

33 130704 1812 46.0 - Valle del Mesima
Lat: 38.77 Lon: 16.33 Prof: 20.5 Km
± 0.59 km ± 0.93 km ± 1.6 km
RMS: 0.28s GAP: 108.2° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	12	51.66	23.57	337.2	-0.063
SMIN	S	12	56.22	23.57	337.2	0.317
CET2	P	13	1.31	89.64	338.6	-0.220
CET2	S	13	12.63	89.64	338.6	-0.272

34 130705 0104 03.3 - Amantea - M.Reventino
Lat: 39.07 Lon: 16.36 Prof: 12.6 Km
± 0.44 km ± 0.66 km ± 1.7 km
RMS: 0.30s GAP: 98.2° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	04	7.42	16.09	227.0	0.215
SMIN	S	04	10.05	16.09	227.0	0.033
SCOI	P	04	8.46	25.87	338.9	-0.174
SCOI	S	04	12.20	25.87	338.9	-0.292
CSC2	P	04	8.62	25.52	338.9	0.035
CSC2	S	04	12.31	25.52	338.9	-0.096
CET2	P	04	14.48	61.82	325.2	-0.404

35 130705 0145 36.9 - Alto Tirreno Cosentino
Lat: 39.85 Lon: 16.03 Prof: 5.2 Km
± 0.64 km ± 1.05 km ± 2.4 km
RMS: 0.42s GAP: 119.8° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	45	38.48	5.25	319.4	-0.047
MMN	S	45	39.60	5.25	319.4	-0.121
MMN9	P	45	38.68	4.42	22.5	0.224
MMN9	S	45	39.86	4.42	22.5	0.262
CET2	P	45	43.87	36.80	190.4	-0.117
CET2	S	45	48.60	36.80	190.4	-0.577
SMIN	P	45	55.09	99.40	170.2	0.545
SMIN	S	46	6.60	99.40	170.2	-0.863

36 130705 0711 32.9 - Canyon di Stromboli
Lat: 38.46 Lon: 15.37 Prof: 100.0 Km
± 1.42 km ± 1.61 km ± 2.7 km
RMS: 0.34s GAP: 127.9° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	11	49.98	66.98	140.9	0.127
CNDF	S	12	2.39	66.98	140.9	0.195
SMIN	P	11	52.05	93.23	53.4	-0.284
CET2	P	11	55.31	128.07	23.6	0.388

37 130705 1355 47.7 - Serre centro-sett.
Lat: 38.76 Lon: 16.43 Prof: 17.4 Km
± 0.63 km ± 1.21 km ± 2.7 km
RMS: 0.47s GAP: 143.8° NR: 34

STN	PHASE	MN	SEC	DIST	AZM	RES
CSC2	P	55	59.19	60.36	345.3	0.200
CSC2	S	56	7.30	60.36	345.3	0.108
CUP2	P	56	.58	69.87	7.9	-0.137
CUP2	S	56	10.52	69.87	7.9	0.339
CNDF	P	56	4.45	98.00	211.0	-0.903
CNDF	S	56	17.51	98.00	211.0	-0.703
CET2	P	56	4.52	94.87	334.1	0.256
CET2	S	56	16.10	94.87	334.1	-0.227

38 130705 1424 21.7 - Serre centro-sett.
Lat: 38.76 Lon: 16.46 Prof: 15.6 Km
± 0.73 km ± 1.12 km ± 2.4 km
RMS: 0.41s GAP: 150.6° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	24	28.31	30.83	318.6	0.268
SMIN	S	24	32.70	30.83	318.6	0.029
CUP2	P	24	35.02	69.12	6.0	0.564
CET2	P	24	38.72	95.56	332.7	0.269
CET2	S	24	50.58	95.56	332.7	-0.121

39 130705 1501 34.2 - Serre centro-sett.
Lat: 38.76 Lon: 16.45 Prof: 16.4 Km
± 0.36 km ± 0.49 km ± 1.1 km
RMS: 0.19s GAP: 148.7° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	01	40.96	30.26	319.0	0.436
SMIN	S	01	45.00	30.26	319.0	-0.133
CET2	P	01	50.88	95.06	332.9	0.055
CET2	S	02	2.97	95.06	332.9	-0.004

40 130705 2116 49.6 - Sila Grande
Lat: 39.22 Lon: 16.67 Prof: 14.9 Km
± 0.76 km ± 1.30 km ± 1.9 km
RMS: 0.33s GAP: 146.6° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	16	54.46	20.32	327.2	0.068
CUP2	S	16	57.90	20.32	327.2	0.010

41 130705 2204 26.1 - Alto Tirreno Cosentino
Lat: 39.86 Lon: 16.00 Prof: 3.5 Km
± 0.37 km ± 0.58 km ± 1.3 km
RMS: 0.22s GAP: 124.2° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	04	27.24	3.42	333.1	-0.068
MMN	S	04	28.70	3.42	333.1	0.513
MMN9	P	04	27.39	4.75	48.5	-0.139
MMN9	S	04	28.37	4.75	48.5	-0.201
CET2	P	04	33.29	37.44	187.3	-0.024
CET2	S	04	38.10	37.44	187.3	-0.484

42 130705 2208 28.9 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.11 Prof: 5.7 Km
 ± 0.78 km ± 0.48 km ± 1.4 km
 RMS: 0.31s GAP: 162.7° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	08	31.22	5.57	265.7	0.298
MMN9	S	08	32.31	5.57	265.7	-0.030
MMN	P	08	31.92	10.67	267.2	0.157
MMN	S	08	33.50	10.67	267.2	-0.305
CET2	P	08	37.69	43.00	198.8	0.120
CET2	S	08	43.09	43.00	198.8	-0.760

43 130706 0408 46.5 - Bacino di Gioia
 Lat: 38.45 Lon: 15.59 Prof: 134.0 Km
 ± 2.68 km ± 3.89 km ± 4.1 km
 RMS: 0.50s GAP: 154.1° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	09	6.59	54.78	155.2	0.209
CNDF	S	09	21.19	54.78	155.2	0.333
CET2	P	09	11.19	123.78	15.0	0.404
CET2	S	09	28.93	123.78	15.0	0.445

44 130706 0725 06.2 - Alto Tirreno Cosentino
 Lat: 39.84 Lon: 15.88 Prof: 44.5 Km
 ± 1.14 km ± 1.72 km ± 3.3 km
 RMS: 0.43s GAP: 92.0° NR: 27

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	25	14.21	10.14	58.8	0.114
MMN	S	25	19.46	10.14	58.8	-0.358
MMN9	P	25	14.71	14.78	68.8	0.376
MMN9	S	25	21.11	14.78	68.8	0.880
CET2	P	25	15.96	35.35	171.1	0.750
CET2	S	25	21.95	35.35	171.1	0.201

45 130706 1007 25.5 - Maratea - Rotonda
 Lat: 40.03 Lon: 15.93 Prof: 0.0 Km
 ± 0.49 km ± 0.74 km ± 1.6 km
 RMS: 0.35s GAP: 164.4° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	07	28.98	16.31	162.1	-0.198
MMN	S	07	31.49	16.31	162.1	-0.344
MMN9	P	07	29.37	18.45	146.7	-0.283
MMN9	S	07	32.74	18.45	146.7	0.081
CET2	P	07	36.32	55.74	178.1	-0.044
CET2	S	07	43.95	55.74	178.1	-0.333

46 130706 1011 09.4 - Maratea - Rotonda
 Lat: 39.91 Lon: 15.98 Prof: 1.3 Km
 ± 1.92 km ± 1.11 km ± 1.2 km
 RMS: 0.28s GAP: 290.0° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	11	10.59	2.71	170.9	0.415
MMN9	P	11	10.75	6.11	115.0	-0.105
MMN9	S	11	12.00	6.11	115.0	0.079

47 130706 1102 20.8 - Scarpata di Paola
 Lat: 38.94 Lon: 15.53 Prof: 81.7 Km
 ± 1.09 km ± 3.16 km ± 3.5 km
 RMS: 0.43s GAP: 189.0° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	02	35.54	60.33	86.9	-0.080
SMIN	S	02	46.67	60.33	86.9	0.264
CET2	P	02	37.16	74.70	29.4	0.946
CET2	S	02	47.84	74.70	29.4	0.406
MMN9	P	02	41.34	114.57	23.1	0.194
MMN9	S	02	56.36	114.57	23.1	0.385

48 130706 1104 08.1 - Alto Tirreno Cosentino
 Lat: 39.87 Lon: 16.01 Prof: 2.7 Km
 ± 2.85 km ± 0.80 km ± 1.3 km
 RMS: 0.29s GAP: 239.5° NR: 7

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	04	9.23	3.48	59.3	-0.019
MMN9	S	04	10.08	3.48	59.3	0.000
MMN	P	04	9.53	2.69	308.4	0.420

49 130706 1344 59.0 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.06 Prof: 5.7 Km
 ± 0.50 km ± 0.56 km ± 1.8 km
 RMS: 0.40s GAP: 72.9° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	45	.41	1.87	229.0	-0.122
MMN9	S	45	1.04	1.87	229.0	-0.602
MMN	P	45	1.23	6.65	258.5	0.131
MMN	S	45	2.45	6.65	258.5	-0.173
CET2	P	45	7.40	42.64	193.2	-0.148
CET2	S	45	13.42	42.64	193.2	-0.372

50 130706 1951 37.5 - G. di S. Eufemia
 Lat: 38.73 Lon: 15.97 Prof: 40.0 Km
 ± 0.48 km ± 0.79 km ± 3.2 km
 RMS: 0.41s GAP: 78.4° NR: 68

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	51	46.03	34.30	40.9	0.014
SMIN	S	51	51.63	34.30	40.9	-0.568
SCOI	P	51	49.67	65.94	22.2	-0.004
SCOI	S	51	58.17	65.94	22.2	-0.367
CSC2	P	51	49.68	65.68	22.4	0.028
CSC2	S	51	58.27	65.68	22.4	-0.222
CNDF	P	51	51.74	82.25	187.1	0.136
CET2	P	51	52.48	87.70	359.3	0.817
CET2	S	52	2.91	87.70	359.3	0.932
CUP2	P	51	52.93	87.31	34.9	0.513
CUP2	S	52	3.89	87.31	34.9	0.606
MMN	P	51	57.78	127.90	1.0	-0.157
MMN	S	52	12.41	127.90	1.0	-0.435
MMN9	P	51	58.00	128.19	3.2	-0.004
MMN9	S	52	12.73	128.19	3.2	-0.236

51 130707 0038 08.6 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.07 Prof: 5.0 Km
 ± 1.02 km ± 1.07 km ± 1.3 km
 RMS: 0.30s GAP: 233.0° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	38	23.94	2.00	281.8	-0.100
MMN9	S	38	24.67	2.00	281.8	-0.381
MMN	P	38	24.78	7.08	272.5	0.147
MMN	S	38	26.23	7.08	272.5	0.152
CET2	P	38	30.79	41.18	194.5	0.234
CET2	S	38	36.59	41.18	194.5	0.253

52 130707 0328 37.6 - Presila nord-or.
 Lat: 39.44 Lon: 16.78 Prof: 25.6 Km
 ± 1.48 km ± 1.83 km ± 3.5 km
 RMS: 0.55s GAP: 155.0° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	28	43.34	21.23	252.4	-0.350
CUP2	S	28	48.28	21.23	252.4	0.128
CET2	P	28	49.93	71.98	277.7	-0.345
SMIN	P	28	50.75	70.67	222.6	-0.001
SMIN	S	29	1.35	70.67	222.6	0.967

53 130707 0621 03.2 - Serre centro-sett.
 Lat: 38.75 Lon: 16.44 Prof: 19.4 Km
 ± 0.53 km ± 1.04 km ± 2.5 km
 RMS: 0.44s GAP: 146.0° NR: 43

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	21	10.30	30.49	322.6	0.442
SMIN	S	21	14.63	30.49	322.6	-0.043
SCOI	P	21	14.77	61.49	344.9	0.013
SCOI	S	21	23.00	61.49	344.9	-0.156

CET2	P	21	20.08	95.71	334.0	0.402
CET2	S	21	31.67	95.71	334.0	-0.010
CNDF	P	21	20.37	97.75	211.5	-0.491
CNDF	S	21	33.03	97.75	211.5	-0.699
MMN	P	21	25.80	132.01	342.9	-0.464
MMN	S	21	42.45	132.01	342.9	-0.637
MMN9	P	21	26.05	130.70	345.1	-0.073
MMN9	S	21	42.87	130.70	345.1	0.026
54 130707 0743 53.1 - Bacino di Gioia						
Lat: 38.33 Lon: 15.41 Prof: 119.0 Km						
± 1.57 km ± 1.91 km ± 3.9 km						
RMS: 0.49s GAP: 103.1° NR: 43						
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	44	11.79	53.79	134.4	0.434
CNDF	S	44	25.38	53.79	134.4	0.711
SMIN	P	44	14.54	99.71	45.4	-0.421
SMIN	S	44	30.10	99.71	45.4	-0.812
CET2	P	44	18.53	140.02	19.8	0.736
CET2	S	44	36.47	140.02	19.8	0.650
55 130707 0933 36.4 - Alto Tirreno Cosentino						
Lat: 39.88 Lon: 16.08 Prof: 4.7 Km						
± 0.38 km ± 0.38 km ± 1.2 km						
RMS: 0.27s GAP: 88.2° NR: 22						
STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	33	37.67	2.89	292.2	-0.199
MMN9	S	33	38.15	2.89	292.2	-0.764
MMN	P	33	38.73	7.85	277.3	0.147
MMN	S	33	39.98	7.85	277.3	-0.169
CET2	P	33	44.87	40.70	195.7	0.104
CET2	S	33	50.30	40.70	195.7	-0.559
56 130707 1040 22.6 - Sila Piccola						
Lat: 39.14 Lon: 16.55 Prof: 16.9 Km						
± 0.65 km ± 1.14 km ± 4.3 km						
RMS: 0.74s GAP: 58.2° NR: 63						
STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	40	28.75	26.72	358.9	0.187
CUP2	S	40	33.48	26.72	358.9	0.607
SCOI	P	40	29.07	30.32	302.3	0.117
SCOI	S	40	34.10	30.32	302.3	0.551
CSC2	P	40	29.14	30.05	301.9	0.222
CSC2	S	40	34.13	30.05	301.9	0.638
SMIN	P	40	29.81	33.83	236.0	0.267
SMIN	S	40	35.32	33.83	236.0	0.751
CET2	P	40	34.86	67.06	309.7	-0.279
CET2	S	40	43.75	67.06	309.7	-0.513
MMN	P	40	39.52	96.10	329.8	-0.449
MMN	S	40	52.66	96.10	329.8	0.031
MMN9	P	40	39.58	93.72	332.5	-0.008
CNDF	P	40	46.58	140.26	205.6	0.141
57 130707 1147 34.8 - Sila Piccola						
Lat: 39.13 Lon: 16.58 Prof: 20.5 Km						
± 1.00 km ± 1.03 km ± 2.5 km						
RMS: 0.44s GAP: 103.5° NR: 21						
STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	47	47.42	69.88	308.9	-0.158
CET2	S	47	56.00	69.88	308.9	-0.901
58 130707 1148 39.5 - Alto Tirreno Cosentino						
Lat: 39.89 Lon: 16.01 Prof: 5.4 Km						
± 0.41 km ± 0.54 km ± 1.4 km						
RMS: 0.24s GAP: 115.2° NR: 29						
STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	48	41.00	2.45	257.0	0.056
MMN	S	48	41.60	2.45	257.0	-0.343
MMN9	P	48	41.20	2.75	99.4	0.199
MMN9	S	48	42.10	2.75	99.4	0.055
CET2	P	48	47.30	41.12	187.8	-0.115
CET2	S	48	52.80	41.12	187.8	-0.354
59 130707 1156 57.0 - Sila Piccola						
Lat: 39.15 Lon: 16.62 Prof: 27.7 Km						
± 2.34 km ± 2.22 km ± 3.9 km						
RMS: 0.60s GAP: 130.5° NR: 16						
STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	57	10.44	71.12	305.7	0.733
CET2	S	57	19.27	71.12	305.7	0.306
60 130707 1452 39.4 - Coste Sicilia Or.						
Lat: 37.92 Lon: 15.45 Prof: 4.4 Km						
± 0.72 km ± 0.31 km ± 0.8 km						
RMS: 0.19s GAP: 208.0° NR: 12						
STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	52	46.63	36.76	77.0	-0.185
CNDF	S	52	52.35	36.76	77.0	0.147
61 130707 1606 46.9 - Canyon di Stromboli						
Lat: 38.60 Lon: 15.49 Prof: 155.0 Km						
± 2.70 km ± 4.65 km ± 3.6 km						
RMS: 0.43s GAP: 279.4° NR: 14						
STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	07	10.06	75.58	57.4	-0.290
SMIN	S	07	26.97	75.58	57.4	-0.511
CET2	P	07	12.43	110.03	21.4	0.523
CET2	S	07	30.92	110.03	21.4	0.740
62 130707 1819 55.3 - Bacino di Gioia						
Lat: 38.59 Lon: 15.78 Prof: 51.4 Km						
± 5.21 km ± 5.05 km ± 6.4 km						
RMS: 0.82s GAP: 162.8° NR: 10						
STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	20	6.90	57.50	42.7	-0.864
SMIN	S	20	16.82	57.50	42.7	-0.049
63 130707 1931 26.1 - Alto Tirreno Cosentino						
Lat: 39.89 Lon: 15.99 Prof: 6.2 Km						
± 0.47 km ± 0.80 km ± 2.4 km						
RMS: 0.42s GAP: 46.8° NR: 43						
STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	31	27.61	.60	256.7	0.043
MMN	S	31	28.60	.60	256.7	-0.003
MMN9	P	31	27.68	4.51	90.5	-0.170
MMN9	S	31	28.77	4.51	90.5	-0.323
CET2	P	31	33.10	40.50	185.4	-0.783
SCOI	P	31	38.65	70.53	161.7	-0.137
SCOI	S	31	48.14	70.53	161.7	0.104
CSC2	P	31	39.55	70.88	161.7	0.695
CSC2	S	31	48.89	70.88	161.7	0.739
CUP2	P	31	39.71	73.64	140.1	0.260
CUP2	S	31	48.96	73.64	140.1	-0.229
SMIN	P	31	44.32	103.96	169.1	-0.264
SMIN	S	31	57.55	103.96	169.1	-0.534
64 130707 1959 34.2 - Sila Greca						
Lat: 39.51 Lon: 16.36 Prof: 14.4 Km						
± 1.08 km ± 1.10 km ± 2.5 km						
RMS: 0.42s GAP: 152.1° NR: 13						
STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	59	39.27	21.77	133.8	0.074
CUP2	S	59	42.77	21.77	133.8	-0.046
CET2	P	59	41.43	35.40	271.7	0.041
CET2	S	59	46.60	35.40	271.7	-0.002
65 130707 2003 16.0 - Bacino di Paola						
Lat: 38.93 Lon: 15.92 Prof: 65.8 Km						
± 1.33 km ± 4.83 km ± 3.1 km						
RMS: 0.39s GAP: 159.1° NR: 12						
STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	03	26.88	26.73	82.1	0.208
SMIN	S	03	34.45	26.73	82.1	-0.001
CET2	P	03	29.68	65.49	2.6	0.521
CET2	S	03	39.10	65.49	2.6	0.346

66 130707 2112 05.5 - Serre centro-sett.
 Lat: 38.76 Lon: 16.44 Prof: 15.5 Km
 ± 0.66 km ± 0.96 km ± 2.0 km
 RMS: 0.35s GAP: 146.0° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	12	12.12	29.95	321.2	0.417
SMIN	S	12	16.30	29.95	321.2	0.072

67 130708 0309 06.2 - Sila Piccola
 Lat: 39.13 Lon: 16.59 Prof: 20.2 Km
 ± 1.27 km ± 1.26 km ± 2.3 km
 RMS: 0.39s GAP: 149.6° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	09	12.38	27.92	351.8	-0.249
CUP2	S	09	17.20	27.92	351.8	-0.093

68 130708 0437 34.9 - Serre centro-sett.
 Lat: 38.77 Lon: 16.45 Prof: 15.8 Km
 ± 0.84 km ± 1.05 km ± 2.2 km
 RMS: 0.39s GAP: 148.7° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	37	41.52	29.94	318.0	0.378
SMIN	S	37	45.17	29.94	318.0	-0.511

69 130708 0733 42.5 - Catena del Pollino
 Lat: 39.84 Lon: 16.24 Prof: 7.4 Km
 ± 0.51 km ± 0.44 km ± 1.5 km
 RMS: 0.34s GAP: 59.1° NR: 31

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	33	46.42	17.14	286.4	0.033
MMN9	S	33	49.10	17.14	286.4	-0.120
MMN	P	33	47.28	22.07	282.4	0.123
MMN	S	33	49.78	22.07	282.4	-0.773
CET2	P	33	50.52	43.23	214.9	-0.409
CET2	S	33	56.11	43.23	214.9	-0.976

70 130708 1436 17.4 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.11 Prof: 5.5 Km
 ± 0.50 km ± 0.42 km ± 1.2 km
 RMS: 0.28s GAP: 95.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	36	20.45	10.96	269.6	0.169
MMN	S	36	21.96	10.96	269.6	-0.382
CET2	P	36	26.17	42.69	199.4	0.148
CET2	S	36	31.63	42.69	199.4	-0.658

71 130708 1518 53.1 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.01 Prof: 5.1 Km
 ± 0.55 km ± 0.67 km ± 1.7 km
 RMS: 0.30s GAP: 64.3° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	18	54.53	2.24	255.1	0.041
MMN	S	18	55.20	2.24	255.1	-0.243
MMN9	P	18	54.79	2.97	99.2	0.207
MMN9	S	18	55.73	2.97	99.2	0.126
CET2	P	19	.90	41.12	187.5	-0.124
CET2	S	19	6.40	41.12	187.5	-0.363

72 130708 1556 16.8 - Alto Tirreno Cosentino
 Lat: 39.89 Lon: 16.00 Prof: 4.9 Km
 ± 0.45 km ± 0.48 km ± 1.4 km
 RMS: 0.24s GAP: 66.4° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	56	18.13	.94	253.4	0.077
MMN	S	56	18.75	.94	253.4	-0.184
MMN9	P	56	18.39	4.21	92.3	0.047
MMN9	S	56	19.33	4.21	92.3	-0.107
CET2	P	56	24.59	40.66	185.8	-0.016
CET2	S	56	29.44	40.66	185.8	-0.845

73 130708 2125 03.7 - Sila Piccola
 Lat: 39.14 Lon: 16.59 Prof: 19.3 Km
 ± 0.90 km ± 0.93 km ± 2.3 km
 RMS: 0.40s GAP: 95.3° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	25	9.79	27.20	351.9	-0.182
CUP2	S	25	14.56	27.20	351.9	0.067
SMIN	P	25	11.71	36.54	239.2	0.451
SMIN	S	25	16.37	36.54	239.2	-0.359

74 130709 0035 25.5 - Stretta di Catanzaro
 Lat: 38.83 Lon: 16.43 Prof: 10.9 Km
 ± 0.38 km ± 0.51 km ± 1.2 km
 RMS: 0.20s GAP: 135.4° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	35	30.66	23.62	310.0	0.225
SMIN	S	35	34.25	23.62	310.0	0.248

75 130709 1036 41.6 - Catena del Pollino
 Lat: 39.85 Lon: 16.23 Prof: 6.3 Km
 ± 0.80 km ± 0.72 km ± 2.1 km
 RMS: 0.47s GAP: 107.4° NR: 19

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	36	46.49	21.38	282.0	0.178
MMN	S	36	48.89	21.38	282.0	-0.816
CET2	P	36	49.57	43.12	214.0	-0.639
SMIN	P	37	.21	97.49	180.4	0.944
SMIN	S	37	11.76	97.49	180.4	-0.381

76 130709 1329 01.5 - Alto Tirreno Cosentino
 Lat: 39.90 Lon: 16.00 Prof: 4.3 Km
 ± 0.20 km ± 0.24 km ± 0.4 km
 RMS: 0.07s GAP: 125.8° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	29	2.67	1.80	232.5	-0.034
MMN	S	29	3.69	1.80	232.5	0.144
MMN9	P	29	2.92	3.81	105.2	-0.008
MMN9	S	29	3.87	3.81	105.2	-0.064

77 130709 1332 00.4 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.06 Prof: 1.5 Km
 ± 0.03 km ± 0.01 km ± 0.0 km
 RMS: 0.00s GAP: 322.0° NR: 6

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	32	1.10	1.68	313.4	-0.001
MMN9	S	32	1.60	1.68	313.4	0.003
MMN	P	32	1.95	6.41	279.5	0.001
MMN	S	32	3.06	6.41	279.5	-0.002

78 130709 1432 58.9 - Piana di Gioia
 Lat: 38.46 Lon: 15.92 Prof: 14.3 Km
 ± 0.67 km ± 0.80 km ± 2.5 km
 RMS: 0.43s GAP: 97.4° NR: 23

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	33	9.16	51.77	186.7	0.562
CNDF	S	33	15.04	51.77	186.7	-0.617
SMIN	P	33	10.31	62.11	25.3	-0.065
SMIN	S	33	18.79	62.11	25.3	0.058

79 130709 1503 24.1 - Sila Piccola
 Lat: 39.15 Lon: 16.57 Prof: 20.0 Km
 ± 0.97 km ± 0.77 km ± 2.0 km
 RMS: 0.34s GAP: 92.6° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	03	32.20	36.25	236.0	0.552
SMIN	S	03	36.90	36.25	236.0	-0.223
CET2	P	03	36.35	67.75	307.7	-0.254
CET2	S	03	45.22	67.75	307.7	-0.487

80 130709 1524 03.5 - Piana di Gioia
 Lat: 38.47 Lon: 15.94 Prof: 15.8 Km
 ± 0.47 km ± 0.66 km ± 2.0 km
 RMS: 0.35s GAP: 74.4° NR: 30

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	24	13.35	52.98	188.7	-0.128
CNDF	S	24	20.45	52.98	188.7	-0.276
SMIN	P	24	15.26	60.41	24.0	0.502
SMIN	S	24	23.02	60.41	24.0	0.076
CET2	P	24	23.87	116.95	.5	0.318
CET2	S	24	37.36	116.95	.5	-0.817

81 130709 1541 25.3 - Piana di Gioia
Lat: 38.49 Lon: 15.94 Prof: 22.3 Km
± 0.82 km ± 1.27 km ± 2.3 km
RMS: 0.40s GAP: 101.8° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	41	35.85	54.89	188.1	-0.016
CNDF	S	41	43.20	54.89	188.1	-0.391

82 130709 1548 47.8 - Piana di Gioia
Lat: 38.47 Lon: 15.94 Prof: 16.7 Km
± 0.55 km ± 0.69 km ± 2.6 km
RMS: 0.44s GAP: 73.7° NR: 38

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	48	57.84	52.92	188.1	0.050
CNDF	S	49	5.00	52.92	188.1	-0.061
SMIN	P	49	-32	60.63	24.5	0.568
SMIN	S	49	7.21	60.63	24.5	-0.140
CET2	P	49	7.27	116.93	.8	-0.478

83 130709 1617 35.4 - Piana di Gioia
Lat: 38.45 Lon: 15.92 Prof: 13.1 Km
± 0.80 km ± 0.93 km ± 2.8 km
RMS: 0.49s GAP: 89.7° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	17	45.12	50.73	187.0	0.243
CNDF	S	17	51.07	50.73	187.0	-0.704
CET2	P	17	56.61	118.99	1.4	0.663
CET2	S	18	10.52	118.99	1.4	-0.424

84 130709 1625 35.8 - Piana di Gioia
Lat: 38.45 Lon: 15.94 Prof: 6.1 Km
± 2.47 km ± 1.46 km ± 3.2 km
RMS: 0.55s GAP: 105.2° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	25	45.59	50.55	188.8	0.535
CNDF	S	25	51.39	50.55	188.8	-0.418

85 130709 1716 37.6 - Piana di Gioia
Lat: 38.46 Lon: 15.93 Prof: 11.8 Km
± 0.60 km ± 0.75 km ± 1.9 km
RMS: 0.32s GAP: 104.4° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	16	47.62	52.07	188.1	0.362
CNDF	S	16	54.30	52.07	188.1	0.011

86 130709 1722 57.2 - Piana di Gioia
Lat: 38.47 Lon: 15.92 Prof: 14.0 Km
± 0.49 km ± 0.62 km ± 2.6 km
RMS: 0.44s GAP: 72.3° NR: 51

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	23	7.23	52.97	187.0	0.148
CNDF	S	23	13.75	52.97	187.0	-0.528
SMIN	P	23	9.15	60.90	25.5	0.693
SMIN	S	23	16.62	60.90	25.5	-0.039
CET2	P	23	16.76	116.76	1.3	-0.609
CET2	S	23	32.26	116.76	1.3	0.163
CUP2	P	23	17.20	114.06	28.1	-0.419
CUP2	S	23	33.39	114.06	28.1	0.863

87 130709 1726 17.0 - Piana di Gioia
Lat: 38.46 Lon: 15.92 Prof: 13.2 Km
± 0.65 km ± 0.75 km ± 2.3 km
RMS: 0.40s GAP: 73.4° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	26	26.76	51.83	187.0	0.105

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	S	26	33.84	51.83	187.0	0.148
SMIN	P	26	28.79	61.96	25.1	0.384
SMIN	S	26	36.60	61.96	25.1	-0.121

88 130709 1734 08.4 - Piana di Gioia
Lat: 38.45 Lon: 15.91 Prof: 7.6 Km
± 0.60 km ± 0.87 km ± 2.2 km
RMS: 0.38s GAP: 110.9° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	34	17.98	50.91	186.3	0.267
CNDF	S	34	24.58	50.91	186.3	0.054
SMIN	P	34	20.17	63.02	25.3	0.346
SMIN	S	34	28.43	63.02	25.3	0.248

89 130709 1735 01.5 - Piana di Gioia
Lat: 38.46 Lon: 15.93 Prof: 12.7 Km
± 0.47 km ± 0.65 km ± 1.7 km
RMS: 0.29s GAP: 92.5° NR: 21

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	35	10.97	51.53	188.2	-0.148
CNDF	S	35	18.10	51.53	188.2	-0.004
SMIN	P	35	13.64	61.93	24.0	0.727
SMIN	S	35	21.17	61.93	24.0	-0.041

90 130709 1807 54.5 - Piana di Gioia
Lat: 38.46 Lon: 15.93 Prof: 11.9 Km
± 0.56 km ± 0.71 km ± 2.0 km
RMS: 0.35s GAP: 106.0° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	08	6.44	62.15	24.5	0.497
SMIN	S	08	13.87	62.15	24.5	-0.385

91 130709 1810 00.4 - Piana di Gioia
Lat: 38.48 Lon: 15.92 Prof: 15.2 Km
± 0.51 km ± 0.58 km ± 2.5 km
RMS: 0.43s GAP: 71.3° NR: 44

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	10	10.55	53.23	186.2	0.148
CNDF	S	10	17.43	53.23	186.2	-0.234
SMIN	P	10	12.66	60.87	26.1	0.940
SMIN	S	10	19.91	60.87	26.1	-0.037
CET2	P	10	19.86	116.44	1.6	-0.590
CET2	S	10	35.93	116.44	1.6	0.864

92 130709 1815 08.1 - Piana di Gioia
Lat: 38.47 Lon: 15.92 Prof: 15.4 Km
± 0.53 km ± 0.67 km ± 2.2 km
RMS: 0.37s GAP: 98.8° NR: 26

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	15	17.87	52.23	186.3	0.005
CNDF	S	15	24.93	52.23	186.3	-0.078
SMIN	P	15	20.17	61.81	25.8	0.667
SMIN	S	15	27.70	61.81	25.8	-0.150

93 130709 1817 26.7 - Bacino di Paola
Lat: 39.44 Lon: 15.89 Prof: 48.3 Km
± 0.52 km ± 0.87 km ± 2.8 km
RMS: 0.36s GAP: 112.9° NR: 42

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	17	37.56	50.03	9.5	-0.072
MMN	S	17	45.91	50.03	9.5	0.317
MMN9	P	17	38.04	51.21	15.1	0.245
MMN9	S	17	46.16	51.21	15.1	0.293
CUP2	P	17	38.27	56.55	97.1	-0.010
CUP2	S	17	47.43	56.55	97.1	0.718
SMIN	P	17	38.39	59.84	151.5	-0.285
SMIN	S	17	46.65	59.84	151.5	-0.743

94 130709 1821 38.1 - Piana di Gioia
Lat: 38.45 Lon: 15.94 Prof: 6.1 Km
± 0.40 km ± 0.67 km ± 1.3 km
RMS: 0.22s GAP: 109.3° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES	SMIN	P	42	13.79	148.77	110.3	-0.609
CNDF	P	21	47.52	51.25	188.9	0.069	SMIN	S	42	52.20	148.77	110.3	0.006
CNDF	S	21	54.31	51.25	188.9	0.016	CUP2	P	42	16.18	167.21	92.0	0.934
							CNDF	P	42	16.51	191.75	146.1	-0.186
95	130709 1828 40.4 - Piana di Gioia												
	Lat:	38.46	Lon:	15.95	Prof:	8.8 Km							
	±	0.40 km	±	0.59 km	±	1.2 km							
	RMS:	0.21s	GAP:	111.3°	NR:	13							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	28	49.78	51.58	189.4	-0.071							
CNDF	S	28	56.40	51.58	189.4	-0.367							
96	130709 1829 25.4 - Piana di Gioia												
	Lat:	38.46	Lon:	15.93	Prof:	14.0 Km							
	±	0.64 km	±	0.75 km	±	2.6 km							
	RMS:	0.44s	GAP:	74.7°	NR:	25							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	29	34.68	51.29	187.7	-0.307							
CNDF	S	29	41.95	51.29	187.7	-0.022							
SMIN	P	29	37.63	62.28	24.4	0.756							
SMIN	S	29	45.20	62.28	24.4	-0.045							
CET2	P	29	45.13	118.51	1.1	-0.649							
97	130709 1839 15.7 - Piana di Gioia												
	Lat:	38.47	Lon:	15.93	Prof:	15.4 Km							
	±	0.98 km	±	1.12 km	±	2.7 km							
	RMS:	0.46s	GAP:	109.6°	NR:	14							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	39	25.48	52.95	187.4	-0.108							
CNDF	S	39	32.27	52.95	187.4	-0.545							
98	130709 1851 15.3 - Piana di Gioia												
	Lat:	38.45	Lon:	15.93	Prof:	7.2 Km							
	±	0.47 km	±	0.65 km	±	1.7 km							
	RMS:	0.30s	GAP:	105.6°	NR:	14							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	51	24.56	51.06	187.8	-0.104							
CNDF	S	51	31.21	51.06	187.8	-0.283							
SMIN	P	51	26.88	62.49	24.3	0.218							
SMIN	S	51	34.96	62.49	24.3	0.007							
99	130709 1907 28.9 - Bacino di Gioia												
	Lat:	38.43	Lon:	15.49	Prof:	135.3 Km							
	±	1.36 km	±	2.03 km	±	3.6 km							
	RMS:	0.44s	GAP:	107.8°	NR:	47							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	07	49.33	57.94	147.0	0.300							
CNDF	S	08	4.28	57.94	147.0	0.552							
SMIN	P	07	50.66	87.10	47.4	-0.411							
SMIN	S	08	6.29	87.10	47.4	-0.973							
CET2	P	07	54.09	127.34	18.6	0.548							
CET2	S	08	11.63	127.34	18.6	0.072							
CUP2	P	07	55.77	139.07	41.2	0.413							
CUP2	S	08	15.09	139.07	41.2	0.396							
100	130709 1931 21.3 - Piana di Gioia												
	Lat:	38.47	Lon:	15.92	Prof:	16.6 Km							
	±	0.52 km	±	0.66 km	±	2.4 km							
	RMS:	0.41s	GAP:	72.9°	NR:	32							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	31	31.35	52.20	186.9	0.207							
CNDF	S	31	37.38	52.20	186.9	-0.942							
SMIN	P	31	33.32	61.64	25.3	0.566							
SMIN	S	31	41.26	61.64	25.3	0.143							
CET2	P	31	40.84	117.52	1.4	-0.467							
CET2	S	31	56.30	117.52	1.4	0.362							
101	130709 1941 22.7 - Vulcani Palinuro Enotrio												
	Lat:	39.42	Lon:	14.60	Prof:	381.7 Km							
	±	3.30 km	±	3.82 km	±	4.1 km							
	RMS:	0.47s	GAP:	176.7°	NR:	44							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CET2	P	42	12.89	116.46	85.0	0.629							
102	130709 2016 22.9 - Piana di Gioia												
	Lat:	38.46	Lon:	15.92	Prof:	12.3 Km							
	±	0.44 km	±	0.57 km	±	1.5 km							
	RMS:	0.26s	GAP:	108.2°	NR:	15							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	16	32.76	51.57	187.1	0.297							
CNDF	S	16	39.26	51.57	187.1	-0.182							
SMIN	P	16	34.47	62.20	25.0	0.171							
SMIN	S	16	42.51	62.20	25.0	-0.115							
103	130709 2029 59.7 - Piana di Gioia												
	Lat:	38.46	Lon:	15.95	Prof:	10.7 Km							
	±	0.46 km	±	0.52 km	±	1.3 km							
	RMS:	0.23s	GAP:	112.1°	NR:	12							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	30	9.19	51.99	189.2	-0.155							
CNDF	S	30	16.28	51.99	189.2	-0.058							
104	130709 2031 33.5 - Piana di Gioia												
	Lat:	38.46	Lon:	15.91	Prof:	13.5 Km							
	±	0.53 km	±	0.61 km	±	1.9 km							
	RMS:	0.33s	GAP:	86.1°	NR:	20							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	31	43.04	51.54	186.2	-0.044							
CNDF	S	31	49.99	51.54	186.2	-0.097							
SMIN	P	31	45.54	62.47	25.6	0.573							
SMIN	S	31	52.75	62.47	25.6	-0.600							
105	130709 2048 53.1 - Piana di Gioia												
	Lat:	38.46	Lon:	15.94	Prof:	8.7 Km							
	±	0.46 km	±	0.66 km	±	1.8 km							
	RMS:	0.30s	GAP:	102.2°	NR:	16							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	49	2.42	51.33	188.7	-0.148							
CNDF	S	49	9.45	51.33	188.7	-0.005							
SMIN	P	49	5.06	62.01	23.6	0.628							
SMIN	S	49	12.36	62.01	23.6	-0.319							
106	130709 2210 11.0 - Piana di Gioia												
	Lat:	38.46	Lon:	15.93	Prof:	14.5 Km							
	±	0.50 km	±	0.61 km	±	1.8 km							
	RMS:	0.31s	GAP:	74.2°	NR:	20							
STN	PHASE	MN	SEC	DIST	AZM	RES							
SMIN	P	10	22.48	61.45	24.4	0.124							
SMIN	S	10	30.55	61.45	24.4	-0.078							
107	130709 2215 35.6 - Piana di Gioia												
	Lat:	38.47	Lon:	15.92	Prof:	16.8 Km							
	±	0.52 km	±	0.59 km	±	2.2 km							
	RMS:	0.38s	GAP:	83.9°	NR:	32							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	15	45.55	52.78	186.7	-0.013							
CNDF	S	15	52.66	52.78	186.7	-0.162							
SMIN	P	15	47.51	61.14	25.6	0.518							
SMIN	S	15	55.55	61.14	25.6	0.259							
108	130709 2225 57.4 - Piana di Gioia												
	Lat:	38.46	Lon:	15.92	Prof:	13.2 Km							
	±	0.50 km	±	0.74 km	±	2.0 km							
	RMS:	0.34s	GAP:	107.3°	NR:	22							
STN	PHASE	MN	SEC	DIST	AZM	RES							
CNDF	P	26	6.91	51.18	187.3	-0.075							
CNDF	S	26	13.87	51.18	187.3	-0.068							
SMIN	P	26	9.52	62.50	24.7	0.593							
SMIN	S	26	16.89	62.50	24.7	-0.420							

109 130709 2244 17.8 - Piana di Gioia
 Lat: 38.47 Lon: 15.94 Prof: 10.0 Km
 ± 0.77 km ± 0.88 km ± 2.3 km
 RMS: 0.39s GAP: 112.7° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	12	39.11	52.25	189.1	-0.225
CNDF	S	12	46.34	52.25	189.1	-0.078

110 130709 2245 12.0 - Piana di Gioia
 Lat: 38.46 Lon: 15.93 Prof: 11.1 Km
 ± 0.37 km ± 0.76 km ± 1.1 km
 RMS: 0.20s GAP: 180.5° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	44	28.28	52.53	188.8	0.826
CNDF	S	44	34.30	52.53	188.8	-0.201

111 130709 2320 52.9 - Piana di Gioia
 Lat: 38.47 Lon: 15.92 Prof: 17.2 Km
 ± 0.53 km ± 0.67 km ± 2.5 km
 RMS: 0.44s GAP: 71.7° NR: 36

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	21	3.18	53.02	186.4	0.211
CNDF	S	21	10.07	53.02	186.4	-0.199
SMIN	P	21	5.04	61.01	25.9	0.705
SMIN	S	21	13.00	61.01	25.9	0.365
CET2	P	21	12.58	116.67	1.5	-0.228
CET2	S	21	27.70	116.67	1.5	0.386

112 130709 2326 39.5 - Milazzo
 Lat: 38.11 Lon: 15.18 Prof: 12.9 Km
 ± 0.49 km ± 0.32 km ± 1.5 km
 RMS: 0.26s GAP: 60.2° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	26	50.37	60.10	102.3	-0.146
CNDF	S	26	57.66	60.10	102.3	-0.896

113 130709 2342 20.6 - Piana di Gioia
 Lat: 38.46 Lon: 15.92 Prof: 15.4 Km
 ± 0.53 km ± 0.50 km ± 1.5 km
 RMS: 0.26s GAP: 104.8° NR: 18

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	42	30.37	52.02	186.6	-0.034
CNDF	S	42	37.58	52.02	186.6	0.056

114 130709 2355 34.6 - Piana di Gioia
 Lat: 38.46 Lon: 15.94 Prof: 10.0 Km
 ± 0.53 km ± 0.60 km ± 1.6 km
 RMS: 0.27s GAP: 111.4° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	55	44.47	51.73	189.2	0.287
CNDF	S	55	50.48	51.73	189.2	-0.657

115 130710 0008 40.7 - Piana di Gioia
 Lat: 38.47 Lon: 15.94 Prof: 12.7 Km
 ± 0.34 km ± 0.40 km ± 1.0 km
 RMS: 0.17s GAP: 110.7° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	08	50.36	52.39	188.3	-0.108
CNDF	S	08	57.50	52.39	188.3	-0.059

116 130710 0011 30.6 - Piana di Gioia
 Lat: 38.46 Lon: 15.91 Prof: 12.5 Km
 ± 0.54 km ± 0.68 km ± 1.7 km
 RMS: 0.29s GAP: 110.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
SMIN	P	11	42.18	62.55	25.5	0.057
SMIN	S	11	50.26	62.55	25.5	-0.235

117 130710 0112 29.6 - Piana di Gioia
 Lat: 38.46 Lon: 15.94 Prof: 13.1 Km
 ± 0.42 km ± 0.48 km ± 1.2 km
 RMS: 0.21s GAP: 112.7° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	50	18.80	52.05	187.7	0.795
CNDF	S	50	24.78	52.05	187.7	-0.222

118 130710 0114 48.1 - Piana di Gioia
 Lat: 38.47 Lon: 15.93 Prof: 13.8 Km
 ± 0.51 km ± 0.57 km ± 1.9 km
 RMS: 0.33s GAP: 94.2° NR: 22

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	14	58.39	52.45	187.5	0.516
CNDF	S	15	4.86	52.45	187.5	-0.140
SMIN	P	15	-0.08	61.23	24.8	0.530
SMIN	S	15	7.35	61.23	24.8	-0.276

119 130710 0115 51.4 - Piana di Gioia
 Lat: 38.46 Lon: 15.93 Prof: 12.7 Km
 ± 0.69 km ± 0.75 km ± 2.5 km
 RMS: 0.43s GAP: 95.1° NR: 20

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	16	1.43	51.71	187.4	0.401
CNDF	S	16	8.20	51.71	187.4	0.163
SMIN	P	16	3.72	61.98	24.8	0.916
SMIN	S	16	11.20	61.98	24.8	0.089

120 130710 0201 15.5 - Piana di Gioia
 Lat: 38.47 Lon: 15.98 Prof: 14.5 Km
 ± 0.85 km ± 1.34 km ± 2.2 km
 RMS: 0.37s GAP: 147.8° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	01	25.90	53.55	192.4	0.378
CNDF	S	01	32.55	53.55	192.4	-0.252

121 130710 0241 03.9 - Piana di Gioia
 Lat: 38.46 Lon: 15.90 Prof: 7.4 Km
 ± 0.37 km ± 0.74 km ± 1.2 km
 RMS: 0.21s GAP: 171.1° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	41	13.31	51.13	185.4	0.055
CNDF	S	41	20.11	51.13	185.4	0.016

122 130710 0254 14.1 - Piana di Gioia
 Lat: 38.48 Lon: 15.92 Prof: 21.4 Km
 ± 1.22 km ± 1.01 km ± 2.9 km
 RMS: 0.51s GAP: 108.3° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	54	24.94	53.37	186.7	0.535
CNDF	S	54	31.87	53.37	186.7	-0.043

123 130710 0306 53.7 - Piana di Gioia
 Lat: 38.46 Lon: 15.93 Prof: 10.4 Km
 ± 0.34 km ± 0.39 km ± 1.0 km
 RMS: 0.17s GAP: 108.7° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	07	3.22	51.79	188.2	-0.083
CNDF	S	07	10.16	51.79	188.2	-0.109

124 130710 0415 09.4 - Piana di Gioia
 Lat: 38.46 Lon: 15.91 Prof: 13.9 Km
 ± 0.42 km ± 0.79 km ± 1.3 km
 RMS: 0.22s GAP: 173.0° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	15	18.87	52.00	185.8	-0.190
CNDF	S	15	26.37	52.00	185.8	0.236

125 130710 0550 08.4 - Piana di Gioia
 Lat: 38.46 Lon: 15.93 Prof: 10.3 Km
 ± 0.87 km ± 1.00 km ± 2.5 km
 RMS: 0.42s GAP: 108.2° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	50	18.80	52.05	187.7	0.795
CNDF	S	50	24.78	52.05	187.7	-0.222

126 130710 0603 45.0 - Piana di Gioia
 Lat: 38.46 Lon: 15.96 Prof: 5.1 Km
 ± 0.78 km ± 1.10 km ± 2.2 km
 RMS: 0.38s GAP: 126.3° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	03	55.26	52.48	190.4	0.674
CNDF	S	04	1.06	52.48	190.4	-0.516

127 130710 0617 41.7 - Piana di Gioia
 Lat: 38.49 Lon: 15.92 Prof: 19.9 Km
 ± 1.29 km ± 1.06 km ± 2.8 km
 RMS: 0.48s GAP: 110.8° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	17	52.48	54.51	186.5	0.376
CNDF	S	17	59.13	54.51	186.5	-0.553

128 130710 0637 30.9 - Piana di Gioia
 Lat: 38.46 Lon: 15.94 Prof: 12.9 Km
 ± 0.50 km ± 0.58 km ± 1.5 km
 RMS: 0.25s GAP: 109.5° NR: 14

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	37	40.57	51.94	188.3	-0.030
CNDF	S	37	47.85	51.94	188.3	0.208

129 130710 0639 30.4 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.13 Prof: 5.0 Km
 ± 1.78 km ± 1.58 km ± 3.6 km
 RMS: 0.63s GAP: 160.8° NR: 11

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	39	44.08	7.55	275.0	0.699
MMN9	S	39	45.58	7.55	275.0	0.726
CET2	P	39	49.95	42.67	201.8	0.718
CET2	S	39	55.30	42.67	201.8	0.311

130 130710 0746 05.0 - Presila nord-or.
 Lat: 39.40 Lon: 16.83 Prof: 29.6 Km
 ± 1.01 km ± 1.41 km ± 2.1 km
 RMS: 0.32s GAP: 203.0° NR: 15

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	46	11.98	24.65	264.9	0.007
CUP2	S	46	17.18	24.65	264.9	0.148

131 130710 1728 57.0 - Alto Tirreno Cosentino
 Lat: 39.88 Lon: 16.09 Prof: 4.7 Km
 ± 0.50 km ± 0.57 km ± 1.6 km
 RMS: 0.36s GAP: 120.2° NR: 25

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN9	P	28	58.36	3.61	276.2	-0.220
MMN9	S	28	58.97	3.61	276.2	-0.714
MMN	P	29	-.46	8.70	271.9	0.160
CET2	P	29	5.45	41.64	196.6	-0.107
CET2	S	29	11.40	41.64	196.6	-0.367
CET2	P	29	5.50	41.64	196.6	-0.056
CET2	S	29	11.30	41.64	196.6	-0.465
SMIN	P	29	16.04	102.31	173.5	0.336
SMIN	S	29	29.37	102.31	173.5	0.027

132 130710 2210 30.8 - Presila nord-or.
 Lat: 39.38 Lon: 16.86 Prof: 24.6 Km
 ± 2.87 km ± 2.96 km ± 4.3 km
 RMS: 0.66s GAP: 224.1° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CUP2	P	10	37.21	27.62	269.6	-0.413
CUP2	S	10	42.48	27.62	269.6	-0.086

133 130710 2352 27.5 - Piana di Gioia
 Lat: 38.46 Lon: 15.93 Prof: 11.4 Km
 ± 0.36 km ± 0.42 km ± 1.1 km
 RMS: 0.18s GAP: 108.2° NR: 12

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	52	37.33	51.84	187.9	0.221
CNDF	S	52	43.97	51.84	187.9	-0.131

134 130711 0000 57.9 - Piana di Gioia
 Lat: 38.47 Lon: 15.93 Prof: 16.8 Km
 ± 0.79 km ± 0.80 km ± 2.1 km
 RMS: 0.36s GAP: 109.0° NR: 13

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	01	7.85	52.43	187.7	0.033
CNDF	S	01	14.59	52.43	187.7	-0.441

135 130711 0044 43.6 - Piana di Gioia
 Lat: 38.46 Lon: 15.92 Prof: 8.2 Km
 ± 0.51 km ± 1.02 km ± 1.5 km
 RMS: 0.26s GAP: 177.8° NR: 10

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	44	53.06	51.56	186.9	-0.004
CNDF	S	45	-.36	51.56	186.9	-0.336

136 130711 0334 08.8 - Aspromonte
 Lat: 38.12 Lon: 15.79 Prof: 10.4 Km
 ± 0.72 km ± 0.67 km ± 1.5 km
 RMS: 0.27s GAP: 106.7° NR: 9

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	34	12.57	14.71	158.5	0.341
CNDF	S	34	14.83	14.71	158.5	0.120

137 130711 0731 21.5 - Catena del Pollino
 Lat: 40.01 Lon: 16.04 Prof: 11.3 Km
 ± 0.86 km ± 1.11 km ± 2.8 km
 RMS: 0.49s GAP: 113.3° NR: 16

STN	PHASE	MN	SEC	DIST	AZM	RES
MMN	P	31	25.46	14.47	199.0	0.371

138 130711 0820 30.8 - Piana di Gioia
 Lat: 38.46 Lon: 15.93 Prof: 13.6 Km
 ± 0.55 km ± 0.60 km ± 1.7 km
 RMS: 0.29s GAP: 99.5° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	20	40.31	51.67	187.5	-0.131
CNDF	S	20	47.38	51.67	187.5	-0.085

139 130711 0928 34.6 - Serre centro-sett.
 Lat: 38.58 Lon: 16.39 Prof: 20.7 Km
 ± 0.66 km ± 1.06 km ± 2.0 km
 RMS: 0.34s GAP: 140.0° NR: 17

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	28	49.59	80.32	216.1	0.319
CNDF	S	29	-.26	80.32	216.1	-0.271
CET2	P	28	53.34	111.19	339.9	-0.051
CET2	S	29	6.69	111.19	339.9	-0.454

140 130712 0053 29.4 - Appennino Lucano
 Lat: 40.55 Lon: 15.84 Prof: 11.0 Km
 ± 0.45 km ± 0.57 km ± 2.7 km
 RMS: 0.46s GAP: 45.9° NR: 46

STN	PHASE	MN	SEC	DIST	AZM	RES
CET2	P	53	49.37	114.31	175.7	0.319
CET2	S	54	3.51	114.31	175.7	0.128
SMIN	P	54	.35	178.64	169.7	0.941
SMIN	S	54	20.78	178.64	169.7	-0.543

141 130712 0121 52.4 - Etna
 Lat: 37.80 Lon: 15.00 Prof: 24.7 Km
 ± 0.38 km ± 0.61 km ± 2.2 km
 RMS: 0.39s GAP: 59.1° NR: 49

STN	PHASE	MN	SEC	DIST	AZM	RES
CNDF	P	22	6.87	78.16	74.4	0.148
CNDF	S	22	17.87	78.16	74.4	0.675
CET2	P	22	23.11	208.16	23.9	0.525
CET2	S	22	44.86	208.16	23.9	0.191

142	130712 0334 57.8 - Alto Tirreno Cosentino	STN	PHASE	MN	SEC	DIST	AZM	RES
	Lat: 39.67 Lon: 16.09 Prof: 81.1 Km	CNDF	P	41	31.17	94.25	108.4	0.180
	± 1.14 km ± 2.19 km ± 3.6 km	CNDF	S	41	45.93	94.25	108.4	-0.601
	RMS: 0.46s GAP: 96.8° NR: 20							
	STN PHASE MN SEC DIST AZM RES							
	CET2 P 35 10.74 20.18 216.7 0.948							
	CET2 S 35 18.88 20.18 216.7 0.371							
	SMIN P 35 14.78 78.77 171.6 0.046							
	SMIN S 35 26.12 78.77 171.6 -0.949							
143	130712 0421 36.5 - Piana di Gioia							
	Lat: 38.46 Lon: 15.92 Prof: 15.0 Km							
	± 0.56 km ± 0.60 km ± 1.8 km							
	RMS: 0.31s GAP: 82.8° NR: 18							
	STN PHASE MN SEC DIST AZM RES							
	CNDF P 21 46.27 51.70 187.3 0.055							
	CNDF S 21 52.71 51.70 187.3 -0.573							
144	130712 0448 15.2 - Canyon di Stromboli							
	Lat: 38.50 Lon: 15.30 Prof: 127.3 Km							
	± 2.82 km ± 1.75 km ± 3.0 km							
	RMS: 0.37s GAP: 194.3° NR: 26							
	STN PHASE MN SEC DIST AZM RES							
	CNDF P 48 35.39 73.81 139.7 -0.032							
	CNDF S 48 50.45 73.81 139.7 0.250							
145	130712 0449 08.0 - Maratea - Rotonda							
	Lat: 40.02 Lon: 15.82 Prof: 7.8 Km							
	± 0.46 km ± 0.65 km ± 2.4 km							
	RMS: 0.41s GAP: 88.0° NR: 38							
	STN PHASE MN SEC DIST AZM RES							
	MMN P 49 12.36 20.54 136.1 0.108							
	MMN S 49 15.62 20.54 136.1 0.288							
	CET2 P 49 18.34 56.08 168.6 -0.149							
	CET2 S 49 25.47 56.08 168.6 -0.665							
	MMN9 P 49 13.13 24.30 127.2 0.230							
	MMN9 S 49 16.78 24.30 127.2 0.324							
	CUP2 P 49 25.64 94.43 138.9 0.699							
	CUP2 S 49 39.88 94.43 138.9 2.570							
	SMIN P 49 29.59 121.74 163.5 0.035							
146	130712 0504 03.0 - Maratea - Rotonda							
	Lat: 40.02 Lon: 15.81 Prof: 3.8 Km							
	± 0.50 km ± 0.69 km ± 2.0 km							
	RMS: 0.34s GAP: 96.8° NR: 21							
	STN PHASE MN SEC DIST AZM RES							
	MMN P 04 7.01 21.21 135.8 -0.255							
	MMN S 04 10.43 21.21 135.8 0.086							
	CET2 P 04 13.40 56.60 168.2 -0.182							
	CET2 S 04 21.60 56.60 168.2 0.314							
147	130712 0819 34.7 - Offshore Locride							
	Lat: 37.87 Lon: 16.16 Prof: 38.3 Km							
	± 1.28 km ± 2.03 km ± 3.2 km							
	RMS: 0.42s GAP: 202.5° NR: 21							
	STN PHASE MN SEC DIST AZM RES							
	CNDF P 19 43.25 30.88 298.5 0.227							
	CNDF S 19 48.98 30.88 298.5 -0.115							
148	130712 1052 35.6 - Vulcano							
	Lat: 38.37 Lon: 15.14 Prof: 152.6 Km							
	± 1.35 km ± 1.68 km ± 3.9 km							
	RMS: 0.46s GAP: 73.9° NR: 58							
	STN PHASE MN SEC DIST AZM RES							
	CNDF P 52 59.14 74.60 123.6 0.435							
	CNDF S 53 16.42 74.60 123.6 0.831							
	CET2 P 53 4.19 146.47 29.1 0.687							
149	130712 2041 09.7 - Bacino di Cefalu'							
	Lat: 38.26 Lon: 14.83 Prof: 121.6 Km							
	± 2.95 km ± 2.43 km ± 3.1 km							
	RMS: 0.39s GAP: 178.1° NR: 19							
150	130712 2111 05.3 - Piana bat. ionica							
	Lat: 37.95 Lon: 16.60 Prof: 57.0 Km							
	± 1.23 km ± 1.91 km ± 4.3 km							
	RMS: 0.53s GAP: 222.0° NR: 43							
	STN PHASE MN SEC DIST AZM RES							
	SMIN P 11 25.31 117.59 343.7 0.338							
	SMIN S 11 38.50 117.59 343.7 -0.841							
151	130713 0056 12.3 - Presila nord-or.							
	Lat: 39.40 Lon: 16.81 Prof: 27.9 Km							
	± 0.87 km ± 1.06 km ± 1.7 km							
	RMS: 0.26s GAP: 192.8° NR: 12							
	STN PHASE MN SEC DIST AZM RES							
	SMIN P 56 25.50 69.67 226.8 0.073							
	SMIN S 56 35.49 69.67 226.8 0.516							
152	130713 0059 35.1 - Presila nord-or.							
	Lat: 39.40 Lon: 16.81 Prof: 28.2 Km							
	± 0.78 km ± 1.18 km ± 1.5 km							
	RMS: 0.23s GAP: 192.7° NR: 10							
	STN PHASE MN SEC DIST AZM RES							
	SMIN P 59 48.48 69.92 226.6 0.241							
	SMIN S 59 58.07 69.92 226.6 0.249							
153	130713 0503 36.4 - Maratea - Rotonda							
	Lat: 39.95 Lon: 15.98 Prof: 11.5 Km							
	± 0.75 km ± 1.03 km ± 1.3 km							
	RMS: 0.22s GAP: 167.0° NR: 11							
	STN PHASE MN SEC DIST AZM RES							
	MMN9 P 03 39.34 8.95 144.6 0.018							
	MMN9 S 03 41.49 8.95 144.6 0.050							
154	130713 1724 20.5 - Vallo di Diano							
	Lat: 40.22 Lon: 15.97 Prof: 2.3 Km							
	± 0.38 km ± 0.35 km ± 1.2 km							
	RMS: 0.28s GAP: 64.8° NR: 25							
	STN PHASE MN SEC DIST AZM RES							
	MMN9 P 24 27.43 37.38 170.4 -0.181							
	MMN9 S 24 33.58 37.38 170.4 0.762							
155	130713 1806 28.9 - Canyon di Stromboli							
	Lat: 38.34 Lon: 15.24 Prof: 114.7 Km							
	± 1.12 km ± 1.12 km ± 2.1 km							
	RMS: 0.27s GAP: 105.8° NR: 28							
	STN PHASE MN SEC DIST AZM RES							
	CNDF P 06 47.42 65.51 125.6 -0.012							
	CNDF S 07 1.23 65.51 125.6 0.258							
	SMIN P 06 51.39 110.38 51.0 -0.001							
	SMIN S 07 7.68 110.38 51.0 -0.146							
156	130713 2109 05.7 - Appennino Lucano							
	Lat: 40.73 Lon: 15.49 Prof: 1.2 Km							
	± 0.46 km ± 0.56 km ± 2.0 km							
	RMS: 0.43s GAP: 71.4° NR: 38							
	STN PHASE MN SEC DIST AZM RES							
	MMN P 09 23.95 102.51 155.8 -0.286							
	MMN9 P 09 25.22 104.62 153.3 0.594							
157	130714 0120 42.4 - Alto Tirreno Cosentino							
	Lat: 39.88 Lon: 16.10 Prof: 5.2 Km							
	± 0.53 km ± 0.41 km ± 1.1 km							
	RMS: 0.26s GAP: 124.8° NR: 17							
	STN PHASE MN SEC DIST AZM RES							
	MMN9 P 20 44.12 4.40 275.0 -0.042							
	MMN9 S 20 44.82 4.40 275.0 -0.584							
	MMN P 20 45.09 9.50 271.7 0.118							
	MMN S 20 46.65 9.50 271.7 -0.157							
	CET2 P 20 50.86 41.88 197.7 -0.066							

CET2	S	20	56.57	41.88	197.7	-0.549	CNDF	S	25	13.38	33.57	254.5	-0.516			
158	130714	0208	51.3	- Sila Grande				166	130714	2157	44.9	- Alto Tirreno Cosentino				
	Lat:	39.25	Lon:	16.41	Prof:	16.5 Km		Lat:	39.89	Lon:	15.95	Prof:	.9 Km			
		± 1.18 km		± 1.11 km		± 2.5 km			± 0.33 km		± 0.36 km		± 0.7 km			
	RMS:	0.43s	GAP:	132.3°	NR:	14		RMS:	0.16s	GAP:	159.1°	NR:	12			
	STN	PHASE	MN	SEC	DIST	AZM	RES		STN	PHASE	MN	SEC	DIST	AZM	RES	
	CUP2	P	08	55.62	17.85	38.3	-0.397		MMN9	P	57	46.71	7.93	96.5	-0.058	
	CUP2	S	09	-.42	17.85	38.3	0.174		MMN9	S	57	48.01	7.93	96.5	-0.091	
159	130714	0519	16.5	- Maratea - Rotonda				167	130715	0220	40.1	- Alto Tirreno Cosentino				
	Lat:	40.02	Lon:	15.85	Prof:	.7 Km		Lat:	39.89	Lon:	16.10	Prof:	5.1 Km			
		± 0.42 km		± 0.56 km		± 1.4 km			± 0.80 km		± 0.75 km		± 1.7 km			
	RMS:	0.31s	GAP:	88.5°	NR:	15		RMS:	0.37s	GAP:	99.8°	NR:	13			
	STN	PHASE	MN	SEC	DIST	AZM	RES		STN	PHASE	MN	SEC	DIST	AZM	RES	
	CET2	P	19	26.73	55.75	171.3	-0.523		MMN9	P	20	42.34	5.08	268.4	0.379	
	CET2	S	19	34.98	55.75	171.3	-0.118		MMN9	S	20	43.65	5.08	268.4	0.392	
									MMN	P	20	42.93	10.19	268.6	0.114	
									CET2	P	20	48.74	42.59	198.3	-0.045	
									CET2	S	20	54.50	42.59	198.3	-0.578	
160	130714	0838	24.8	- Maratea - Rotonda				168	130715	0320	09.7	- Sila Grande				
	Lat:	39.94	Lon:	16.03	Prof:	2.6 Km		Lat:	39.22	Lon:	16.46	Prof:	17.9 Km			
		± 0.34 km		± 0.36 km		± 0.7 km			± 0.72 km		± 0.80 km		± 1.9 km			
	RMS:	0.17s	GAP:	134.9°	NR:	13		RMS:	0.34s	GAP:	80.3°	NR:	14			
	STN	PHASE	MN	SEC	DIST	AZM	RES		STN	PHASE	MN	SEC	DIST	AZM	RES	
	MMN	P	38	26.73	7.38	209.1	0.031		CUP2	P	20	14.57	18.56	21.7	-0.014	
	MMN	S	38	27.90	7.38	209.1	-0.126		CUP2	S	20	18.06	18.56	21.7	-0.087	
									SMIN	P	20	16.84	35.12	216.1	-0.019	
									SMIN	S	20	21.96	35.12	216.1	-0.128	
									CET2	P	20	20.25	55.41	307.0	-0.082	
161	130714	1308	40.4	- Alto Tirreno Cosentino				169	130715	1221	45.0	- Offshore Locride				
	Lat:	39.66	Lon:	16.01	Prof:	95.7 Km		Lat:	38.06	Lon:	16.23	Prof:	17.4 Km			
		± 1.12 km		± 1.05 km		± 3.2 km			± 0.96 km		± 0.94 km		± 1.9 km			
	RMS:	0.41s	GAP:	112.8°	NR:	19		RMS:	0.33s	GAP:	205.1°	NR:	20			
	STN	PHASE	MN	SEC	DIST	AZM	RES		STN	PHASE	MN	SEC	DIST	AZM	RES	
	CET2	P	08	54.27	16.24	197.6	0.413		CNDF	P	21	52.28	33.67	258.6	0.301	
	CET2	S	09	3.90	16.24	197.6	0.254		CNDF	S	21	56.79	33.67	258.6	-0.228	
	SMIN	P	08	58.80	79.44	166.5	0.613									
	SMIN	S	09	10.27	79.44	166.5	-0.876									
162	130714	1803	16.6	- Offshore Locride				170	130715	1833	04.1	- Bacino di Gioia				
	Lat:	38.05	Lon:	16.25	Prof:	19.9 Km		Lat:	38.45	Lon:	15.54	Prof:	84.3 Km			
		± 1.74 km		± 1.59 km		± 2.4 km			± 1.77 km		± 2.37 km		± 4.3 km			
	RMS:	0.42s	GAP:	241.6°	NR:	20		RMS:	0.54s	GAP:	107.2°	NR:	32			
	STN	PHASE	MN	SEC	DIST	AZM	RES		STN	PHASE	MN	SEC	DIST	AZM	RES	
	CNDF	P	03	24.64	35.64	261.2	0.639		CNDF	P	33	19.64	57.01	151.5	0.918	
	CNDF	S	03	29.01	35.64	261.2	-0.389		SMIN	P	33	20.93	82.96	46.1	-0.321	
	SMIN	P	03	35.32	102.14	358.5	0.305		SMIN	S	33	32.81	82.96	46.1	-0.953	
	SMIN	S	03	49.24	102.14	358.5	0.765		CET2	P	33	25.09	124.63	16.9	0.349	
163	130714	1814	01.5	- Offshore Locride				171	130715	2100	10.5	- Maratea - Rotonda				
	Lat:	38.08	Lon:	16.23	Prof:	16.4 Km		Lat:	40.02	Lon:	15.81	Prof:	6.5 Km			
		± 1.61 km		± 1.30 km		± 2.4 km			± 0.62 km		± 0.77 km		± 2.1 km			
	RMS:	0.42s	GAP:	230.1°	NR:	20		RMS:	0.36s	GAP:	104.1°	NR:	21			
	STN	PHASE	MN	SEC	DIST	AZM	RES		STN	PHASE	MN	SEC	DIST	AZM	RES	
	CNDF	P	14	8.55	34.23	254.3	0.060		MMN	P	00	14.70	21.36	134.6	-0.152	
	CNDF	S	14	12.94	34.23	254.3	-0.604		MMN	S	00	18.10	21.36	134.6	0.104	
									MMN9	P	00	15.74	25.20	126.3	0.214	
									MMN9	S	00	19.39	25.20	126.3	0.229	
									CET2	P	00	20.84	56.48	167.7	-0.226	
									CET2	S	00	28.41	56.48	167.7	-0.353	
164	130714	1947	01.4	- Alto Tirreno Cosentino				172	130715	2212	52.2	- Sila Piccola				
	Lat:	39.85	Lon:	15.98	Prof:	2.4 Km		Lat:	39.12	Lon:	16.39	Prof:	14.6 Km			
		± 0.26 km		± 0.49 km		± 0.8 km			± 0.87 km		± 0.86 km		± 2.7 km			
	RMS:	0.18s	GAP:	131.1°	NR:	14		RMS:	0.46s	GAP:	108.8°	NR:	20			
	STN	PHASE	MN	SEC	DIST	AZM	RES		STN	PHASE	MN	SEC	DIST	AZM	RES	
	MMN	P	47	2.53	3.88	1.1	-0.031		SMIN	P	12	57.61	22.56	220.6	0.404	
	MMN	S	47	3.41	3.88	1.1	0.025		SMIN	S	13	.23	22.56	220.6	-0.612	
	MMN9	P	47	3.06	6.53	52.4	-0.011		CUP2	P	12	58.78	31.26	24.3	0.137	
	MMN9	S	47	4.39	6.53	52.4	0.115		CUP2	S	13	3.29	31.26	24.3	-0.041	
	CET2	P	47	8.53	36.44	184.9	-0.024		CET2	P	13	3.05	58.73	319.4	-0.245	
	CET2	S	47	13.40	36.44	184.9	-0.371									
165	130714	2025	02.1	- Offshore Locride												
	Lat:	38.08	Lon:	16.22	Prof:	15.8 Km										
		± 2.08 km		± 1.73 km		± 2.7 km										
	RMS:	0.46s	GAP:	229.9°	NR:	12										
	STN	PHASE	MN	SEC	DIST	AZM	RES									
	CNDF	P	25	8.98	33.57	254.5	0.034									