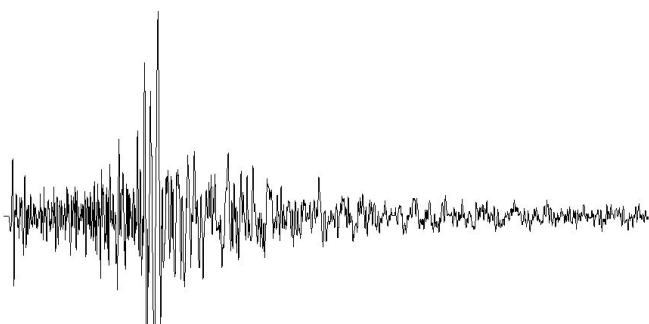
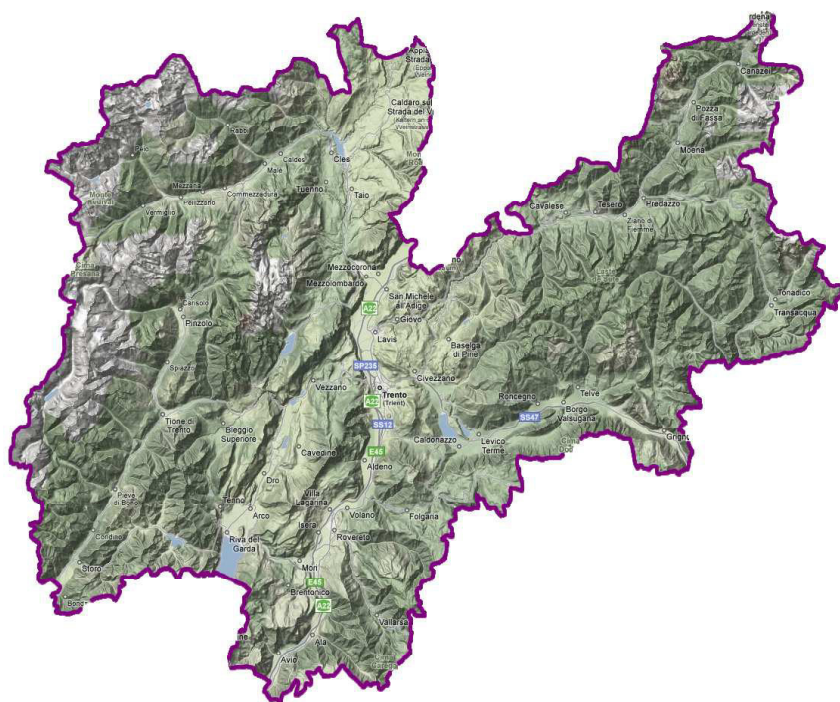




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SERVIZIO GEOLOGICO - UFFICIO STUDI SISMICI E GEOTECNICI

TRENTINO SEISMOMETRIC NETWORK

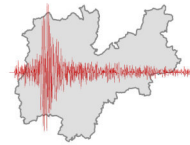
APRIL
JUNE
2016



QUARTERLY BULLETIN



PROVINCIA AUTONOMA DI TRENTO
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Ufficio Studi Sismici e Geotecnici



Important information

All the localizations reported in this Seismic Catalogue are the result of best solutions which are obtained using seismic phases from stations of different Seismometric Networks.

In particular, data are from the following national/regional Seismometric Networks (SN) operating in the NE Alps area:

- Friuli and Veneto SN
- INGV Italian National SN
- MedNet SN
- NE Italy SN (broadband)
- Austrian SN
- Südtirol SN

The Staff of the PAT Seismometric Network (ST)

<http://www.protezionecivile.tn.it/territorio/Sismologia/>

TRENTINO SEISMOMETRIC NETWORK

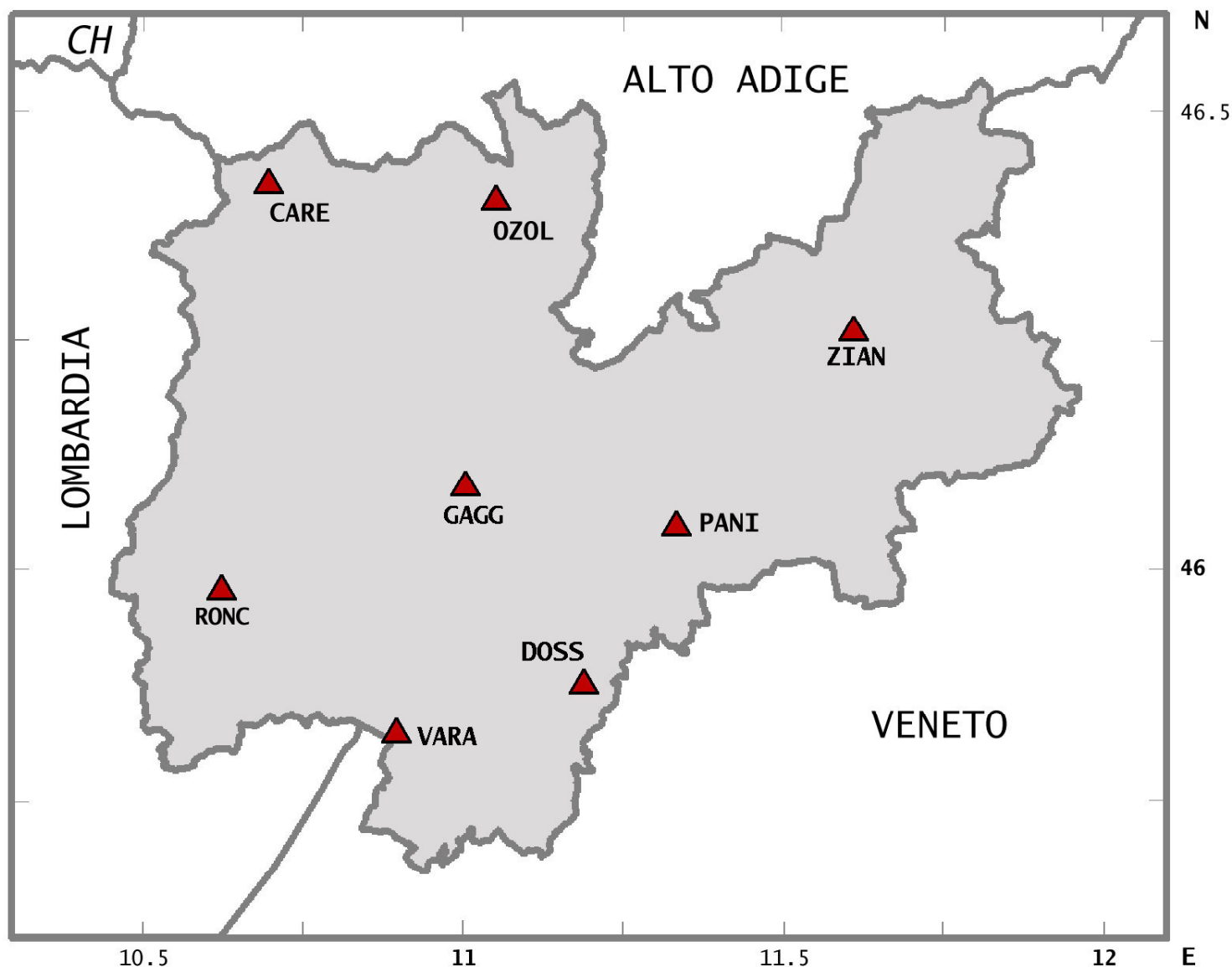
PROVINCIA AUTONOMA DI TRENTO

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RONC	Roncone	45.9802	10.6228	1913
VARA	Monte Varagna	45.8260	10.8965	1735
DOSS	Dosso del Sommo	45.8808	11.1884	1660
PANI	Monte Panarotta	46.0501	11.3341	1983
OZOL	Monte Ozolo	46.4040	11.0518	1219
CARE	Lago del Careser	46.4252	10.6945	2605
GAGG	Monte Gaggia	46.0835	10.9587	1617
ZIAN	Ziano di Fiemme	46.2764	11.5632	1154

EVENT HEADER

Program for earthquake parameters : Hypoellipse 2.0

Date : origin date of event

Time : origin time of event
(Greenwich Mean Time)

Geographical Coordinates : hypocentral coordinates
LAT N, LON E and Depth (degrees and km)

Magnitude : MA : mean amplitude magnitude
MD : mean duration magnitude

Location Errors : az1 : azimuth of axis 1 of error ellipsoid (deg.)
dp1 : dip of axis 1
se1 : length of ellipsoid semiaxis 1 (km)
az2 : azimuth of axis 2 of error ellipsoid (deg.)
dp2 : dip of axis 2
se2 : length of ellipsoid semiaxis 2 (km)
q : either error ellipsoid quality
A : very good
B : good
C : poor
D : bad

RMS : root mean square of residual

Type (of event) : 0 : local or near
10 : near/remote
1 to 3 : explosions (see Notes)

Epicentral Area : town,village or geographical zone;
between brackets Italian County or European Count.
station code failing hypocentral location

Notes : expl?? uncertain explosion
expl? probable explosion
expl! explosion
data from other seismological centers :
(N) is the NEIC (USGS)
(O) is the INOGS-CRS (N-E Italy Seismic Network)
(I) is the INGV (Rome)
(S) is the Swiss Seismological Service

STATION DATA

st_name : station code
 RONC is 3D station
 VARA is 3D station
 DOSS is 3D station
 PANI is 3D station
 OZOL is 3D station
 CARE is 3D station
 GAGG is 3D station
 ZIAN is 3D station

p_rem : P remark : E = emersion; I = impetus
m : first motion direction of P-arrival:
 C = compression; D = dilatation

w_p : P-phase weighth code:
 0 = full weighth; 1 to 3 = partial weighth; 8 = no weighth

time_s : time of P-arrival (HH-MM-SS)
dist : distance (km)
azm : azimuth from epicenter to station (degrees)
s_sec : seconds of S-arrival
w_s : S-phase weighth code (see w_p for explanation)
ain : angle of ray leaving hypocenter (degrees)
mx_amp : maximum peak-to-peak amplitude (mm)
per : period of maximum amplitude (seconds)
p_calc : P travel time computed
p_std : P standard error
cf : corrected first motion symbol
f_p time : F-P time interval for f_mag (seconds)
p_res : residual of P-arrival (seconds)
s_std : S standard error
s_res : residual of S-arrival (seconds)
x_mag : local Richter magnitude for amplitude signal
f_mag : duration magnitude calculated according to empirical equation
 (Rebez, Renner, Slejko - 1984)
 $f_mag = a + b \log(t) + c \cdot d$
 t = average duration d = average epicentral distance
 a, b and c = empirical costant

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

01/04/2016	10:16:03.78	,	,											0	VARA	DOUBLE EVENT				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	c	1	10:16:03.78			4,06	2												

01/04/2016	11:07:28,28	46,3425	10,8010	8,18	1,5		0	0	0,4	90	0	0,4	B	0,16	0	MEZZANA (TN)			M 1.9(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	11:07:30.92	12,1	319	32,58	2	124							0,14		-0,15	0	
OZOL	e	c	1	11:07:32.04	20,4	71	35,04	2	112							0		0,06	1,6	
GAGG	i	d	1	11:07:33.96	31,3	157	38,19	2	105							0,16		0,08	1,2	
RONC	e		2	11:07:35.83	42,5	199	41,08	2	101							0,15		-0,37	1,4	

01/04/2016	14:12:51,54	46,4068	10,4904	4,41	1,4		0	0	0,5	90	0	0,5	C	0,22	0	S. CATERINA V. (SO)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		1	14:12:54.47	16	83	56,38	2	105							0,09		-0,22	1		
OZOL	e		2	14:12:59.12	43,2	91	64,46	3	96							0,17		-0,28	1,5		
RONC	e	d	1	14:13:00.18	48,4	168	5,92	2	95							0,33		-0,42	1,3		
GAGG	e		2	14:13:00.45	51	135			95							0,17			1,4		

01/04/2016	14:31:41,78	45,8636	11,3155	15,7	1,2		0	0	0,9	90	0	0,9	C	0,21	0	LASTEBASSE (VI)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DOSS	i	c	1	14:31:45.21	10	280	47,55	2	148							0,25		0,1	1,1		
PANI	e		2	14:31:46.49	20,8	4	49,92	2	127							0,25		0,2	1,2		
VARA	e	c	2	14:31:48.12	32,8	263	52,62	2	116							0,12		-0,23	0		
GAGG	e		1	14:31:48.84	36,9	311	53,75	2	113							0,2		-0,23	1,3		

01/04/2016	20:42:33,29	46,6376	10,4546	8,17	1,1		0	0	0,6	90	0	0,6	B	0,25	0	TUBRE (BZ)				M 1.0(S)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e	d	1	20:42:38.85	30,1	142	42,54	2	105							0,23		-0,25	0		
OZOL	e		2	20:42:42.57	52,7	120	48,97	2	99							0,17		-0,54	1,1		
RONC	e		2	20:42:46.23	74,2	170				96						0,19			0		

01/04/2016	20:56:34,42	45,7306	10,8381	5,25	1,2		0	0	0,6	90	0	0,6	B	0,14	0	MONTE BALDO (VR)			DOUBLE EVENT	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	c	1	20:56:36.44	11,5	23	38,31	2	115							-0,15		0,04	0	
RONC	e		2	20:56:39.86	32,4	329			99							-0,18			1,3	
DOSS	e	d	2	20:56:40.02	31,9	59	44,47	3	99							0,07		0,21	1,3	
GAGG	e		2	20:56:41.59	40,3	13			97							0,22			1,3	
PANI	e		2	20:56:43.35	52,5	47			96							-0,08			1,4	

01/04/2016	20:57:13,66	45,7333	10,8280	4,34	0,9		0	0	0,5	90	0	0,5	B	0,13	0	MONTE BALDO (VR)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VARA	e	c	1	20:57:15.59	11,6	27	17,43	2	111							-0,19		0	0,9		
DOSS	e		2	20:57:19.11	32,4	60			98							-0,15			1		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

02/04/2016	08:40:35,29	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	d	1	08:40:35.29			35,94	1							27					

02/04/2016	12:28:45,80	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE			2	12:28:45.80			46,97	2							25					

02/04/2016	16:47:49,99	,	,											10	PASSO DI RESIA (BZ)			M 2.9(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	16:47:49.99			56,07	2							110					
OZOL	e	d	1	16:47:52.31			60,04	2							114					
GAGG	e	d	2	16:47:57.12			69,03	2							115					
RONC	i	d	1	16:47:58.09			70,88	2							117					
ZIAN			2	16:47:58.62			70,39	2							119					
PANI			2	16:48:00.27			13,66	2							116					
VARA			2	16:48:02.07			17,93	3							118					
DOSS			3	16:48:02.16			18,25	3							112					

04/04/2016	00:24:55,72	45,8646	11,0136	14,62	0,4		0	0	0,5	90	0	0,5	B	0,12	0	ROVERETO (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	i	c	1	00:24:58.83	10,1	245	61,26	2	145							0,08		0,14	0	
DOSS	e		2	00:24:59.36	13,7	83	61,76	2	137							0,22		-0,06	0,4	
GAGG	e		2	00:25:00.72	24,7	350	4,32	2	121							0,1		-0,13	0	

04/04/2016	10:02:40,43	46,1518	11,1903	8,02	0,8		0	0	0	90	0	0	C	0,01	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	10:02:43.46	15,9	135				117						0			0,8	
GAGG	e		2	10:02:44.03	19,5	247				112						0			0,8	
DOSS	e		2	10:02:45.78	30,2	180				105						0,01			1	

04/04/2016	16:07:28,00	46,1315	11,2240	1,07	1,2		0	0	0,4	90	0	0,4	C	0,09	2	LONA-LASES (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	16:07:30.12	12,4	136				95						-0,01			1,4	
GAGG	i	c	2	16:07:31.58	21,2	255				93						-0,05			1,1	
DOSS	e	c	2	16:07:32.73	28,1	186				92						-0,07			1,2	
ZIAN	i	c	2	16:07:33.22	30,7	58				92						-0,04			1,3	
CARE	e	c	2	16:07:36.84	52	309				91						-0,06			1,2	

04/04/2016	19:20:26,07	45,9390	10,9236	4,59	0,7		0	0	0,9	90	0	0,9	B	0,3	0	ARCO (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		2	19:20:28.20	12,7	190	30,48	2	110							-0,19		0,28	0,6	
GAGG	i	d	2	19:20:28.55	16,3	10	31,42	2	106							-0,42		0,2	0,5	
DOSS	e		2	19:20:29.78	21,6	108	33,45	2	102							-0,07		0,66	0,8	
RONC	e		2	19:20:30.55	23,8	281	33,71	2	101							0,33		0,27	0,5	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

04/04/2016	20:46:49,93	,	,											10	FORLI'-CESENA	DOUBLE EV. M 3.1(I)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	e	d	2	20:46:49.93																
VARA	e	d	1	20:46:50.58																
PANI			3	20:46:52.15																
GAGG			3	20:46:53.52																
RONC			2	20:46:53.80																
ZIAN			2	20:46:54.21																
OZOL			3	20:46:57.82																
CARE	e	d	2	20:46:59.74																

05/04/2016	08:44:44,32	45,9286	10,7320	12,49	0,7		0	0	0,7	90	0	0,7	B	0,16	0	LEDRO (TN)	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	08:44:47.15	10,3	304	49,17	2	141							0,07		-0,07	0,5	
VARA	e		2	08:44:48.04	17,1	132	50,88	2	126							0,1		0,11	0,8	

05/04/2016	08:48:46,30	,	,											10		
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e	c	2	08:48:46.30			60,22	2							112					
VARA			3	08:48:48.45			63,89	3							111					
DOSS			3	08:48:52.05			69,34	3							110					

05/04/2016	09:26:10,94	45,5465	10,2233	8,49	1,3		0	0	3,1	90	0	3,1	D	0,18	0	BRESCIA	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	09:26:21.06	57,4	33			98							0,2			1,3	

05/04/2016	10:37:27,42	46,1306	11,1895	4,21	0,8		0	0	0,2	90	0	0,2	C	0,01	2	ALBIANO (TN)	EXPL?
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	10:37:29.97	14,3	128			106							0			0,9	
GAGG	e	c	2	10:37:30.68	18,6	254			103							0			0,6	
DOSS	e	c	2	10:37:32.22	27,9	180			99							-0,02			0,9	
ZIAN	e	c	2	10:37:33.12	33,1	61			97							0			0,8	

05/04/2016	14:19:59,33	46,1384	11,2456	9,17	0,8		0	0	0,3	90	0	0,3	C	0,02	2	BASELGA DI P. (TN)	EXPL?
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	14:20:01.88	11,9	145	3,92	2	128							-0,02		0,01	0,8	
GAGG	e		2	14:20:03.57	23	255			112							0			0	
DOSS	e		2	14:20:04.55	29,1	189			108							0,01			0,8	

05/04/2016	14:56:48,48	46,1286	11,2111	0,21	0,9		0	0	1,4	90	0	1,4	0	0,12	2	FORNACE (TN)	EXPL?
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	14:56:50.58	12,9	132			91							-0,11			1,1	
GAGG	e		2	14:56:51.85	20,2	256			91							-0,08			0,7	
DOSS	i	c	2	14:56:53.22	27,7	184			90							0			0,9	
ZIAN	e		2	14:56:53.96	31,7	59			90							0,05			0	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

06/04/2016	01:24:22,48	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	01:24:22.48			23,52	1							27					

06/04/2016	10:19:18,69	46,1375	11,1808	6,98	1		0	0	0,3	90	0	0,3	B	0,05	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	10:19:21.54	15,3	129				114						-0,03			1	
GAGG	e	c	2	10:19:21.97	18,2	251				111						-0,05			1,1	
DOSS	e		2	10:19:23.75	28,6	179				104						0,02			1	
OZOL	e		2	10:19:24.24	31,2	341				103						0,09			1,1	
ZIAN	e		2	10:19:24.48	33,3	62				102						-0,03			0,9	
CARE	e		2	10:19:27.09	49,1	311				98						-0,07			0	

06/04/2016	14:12:21,46	45,7920	10,5006	11,07	1		0	0	3,3	90	0	3,3	D	0,22	0	BAGOLINO (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	e		2	14:12:26.02	23	24	29,17	2	116							0,19		-0,07	1		

06/04/2016	14:48:00,15	,	,											1	EXPL??	EXPL?				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	0	14:48:00.15			2,58	2							49					
GAGG	i	c	1	14:48:00.91			3,98	3							49					
DOSS			2	14:48:02.43											48					

06/04/2016	18:56:38,83	46,5756	10,7655	8,44	1,3		0	0	0,7	90	0	0,7	C	0,31	0	MARTELLO (BZ)			M 1.7(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		1	18:56:42.35	17,6	197	44,46	2	116							0,18		-0,31	1	
OZOL	e	d	2	18:56:44.17	29,1	131	47,89	2	106							0,15		-0,18	1,2	
GAGG	e		2	18:56:48.67	56,7	165			98							0,04			1,3	
RONC	e		2	18:56:50.34	67	189			97							-0,04			1,4	

07/04/2016	05:38:57,71	,	,											10	PESARO-URBINO			M 2.3(I)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			2	05:38:57.71			86,54	3							123					
VARA	e	c	1	05:38:58.60			87,05	2							124					
PANI			2	05:38:59.45			88,43	3							124					
GAGG	e	c	2	05:39:01.47			33,23	3							122					
RONC	i	c	2	05:39:01.86			33,83	2							123					
ZIAN	e	c	2	05:39:01.96											125					
OZOL			2	05:39:05.42			39,59	3							123					
CARE	e	c	2	05:39:07.85			44,13	3							121					

07/04/2016	08:31:19,84	45,7050	10,3216	8,22	1,1		0	0	1,3	90	0	1,3	C	0,06	0	TAVERNOLE MELLA (BS)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	08:31:26.72	38,6	37	31,8	2	102							0,14		-0,03	1,2	

QUATERLY BULLETTIN *April-June 2016*

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

07/04/2016	13:54:34,76	,	,											10	PESARO-URBINO	M 2.8(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	e	d	1	13:54:34.76			64,2	3							168					
VARA	i	d	1	13:54:35.59			64,11	2							173					
PANI	e	d	1	13:54:36.58			66,43	3							172					
GAGG			2	13:54:38.54			70,79	3							170					
RONC	e	d	2	13:54:38.89			70,41	3							172					
ZIAN			2	13:54:39.01			69,48	3							173					
OZOL	e	d	2	13:54:42.53			77,43	3							169					
CARE			2	13:54:44.83			81,53	3							163					

07/04/2016	18:26:22,58	,	,											10	FERRARA				M 3.1(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
DOSS			3	18:26:22.58			41,74	2							181							
VARA			2	18:26:23.03			44,37	2							183							
PANI			2	18:26:24.50			45,05	2							180							
GAGG			3	18:26:26.51			49,7	2							179							
ZIAN			2	18:26:27.00			52,04	2							183							
RONC			3	18:26:27.27			51,35	3							180							
OZOL			3	18:26:30.34			57,83	3							179							
CARE			3	18:26:32.64			62,16	3							177							

08/04/2016	03:30:34,15	46,3595	10,8466	7,16	1		0	0	0,8	90	0	0,8	C	0,17	0	RABBI (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		1	03:30:36.92	13,6	302	38,62	2	118							0,15		-0,2	0,9		
OZOL	e	d	1	03:30:37.29	16,5	73	39,8	2	113							0,06		0,17	1		

08/04/2016	07:58:03,78	,	,												10					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			3	07:58:03.78			16,69	2							100					
DOSS			3	07:58:03.97			16,36	3							97					
PANI			3	07:58:06.64			22,89	3							98					
GAGG			3	07:58:07.36			24,04	3							97					
RONC			3	07:58:07.82			24,25	3							99					

08/04/2016	10:02:20,60	,	,											10	MANTOVA				M 2.4(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARA			2	10:02:20.60			34,09	2							136							
DOSS			3	10:02:21.08			33,91	2							137							
PANI			2	10:02:23.92			40,06	2							135							
RONC			2	10:02:24.15			41,52	2							135							
GAGG			3	10:02:24.88			41,72	2							137							
ZIAN			3	10:02:28.17			46,44	2							135							
OZOL			3	10:02:30.98			50,7	3							135							
CARE			3	10:02:31.13			52,54	3							134							

QUATERLY BULLETTIN *April-June 2016*

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

09/04/2016	04:14:51,95	45,8328	11,1540	14,51	0,9		0	0	0,3	90	0	0,3	B	0,05	0	TRAMBILENO (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DOSS	e	c	1	04:14:54.65	5,9	27	56,76	2	158							0,02		0,04	0		
VARA	e		2	04:14:56.22	20	268	59,47	2	126							0,04		0	1,3		
GAGG	e		2	04:14:58.00	31,7	331	62,48	2	115							0,09		-0,08	0		

09/04/2016	07:45:37,32	,	,											10	MANTOVA	M 2.0(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			2	07:45:37.32			52,5	3							107					
DOSS			3	07:45:37.79			52,65	3							105					
RONC	i	c	2	07:45:40.88			58,44	2							106					
PANI	e	c	2	07:45:40.95			57,16	3							106					
GAGG			2	07:45:41.78			57,87	3							106					
ZIAN	e	c	2	07:45:45.23			63,9	2							107					
OZOL			3	07:45:47.10			67,85	3							105					
CARE			3	07:45:48.12			69,46	3												

09/04/2016	07:46:55,85	46,5005	10,5151	4,32	1		0	0	0,6	90	0	0,6	C	0,14	0	GIOGO STELVIO (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	07:46:58.75	16,3	121	60,8	2	105							0,02		-0,19	0	

09/04/2016	13:09:19,71	,	,											10	C. SLOVENIA-CROAZIA				M 3.9(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
ZIAN	e	c	1	13:03:19.71			65,86	3														
PANI	i	c	1	13:03:21.49			70,79	3							254							
DOSS			2	13:03:22.82			75,41	3							255							
OZOL			2	13:03:24.63											254							
GAGG	e	c	2	13:03:24.97			79,28	3							253							
VARA			2	13:03:25.62			80,65	3							253							
CARE			3	13:03:27.77			83,33	3							255							
RONC			2	13:03:28.72			87,12	3							253							

09/04/2016	17:28:10,61	45,8225	11,0636	12,16	0,7		0	0	0,5	90	0	0,5	C	0,07	0	VALLARSA (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DOSS	e	c	2	17:28:13.49	11,6	57	15,72	2	136							0		-0,01	0,5		
VARA	e		2	17:28:13.71	13	272	16,06	2	133							0,05		0,03	1,2		
GAGG	e		2	17:28:16.14	30,1	344	20,64	2	112							-0,03		0,14	0		

09/04/2016	20:16:24,94	,	,											0	VARA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			3	20:16:24.94			26,88	2							24					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

10/04/2016	05:29:59,38	45,7893	11,3611	6,21	1,6		0	0	0,3	90	0	0,3	B	0,13	0	ARSIERO (VI)				M 2.1(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
DOSS	i	c	1	05:30:02.66	16,8	307	5,08	2	110							0,22		0,26	1,8				
PANI	e	d	1	05:30:04.61	29,1	356	8,42	2	102							0,13		-0,03	1,2				
VARA	i	c	1	05:30:05.82	36,4	276	10,49	2	100							0,13		-0,11	1,6				
GAGG	e	c	2	05:30:07.28	45,2	316	13,09	2	98							0,1		-0,18	1,7				
ZIAN	i	d	1	05:30:09.00	56,3	16			96							-0,07			1,3				
RONC	i	c	1	05:30:09.75	61,1	290			96							-0,14			1,2				
CARE	e		2	05:30:14.19	87,3	324			94							-0,15			0				

11/04/2016	10:47:23,32	46,4465	10,0305	9,33	3,2		0	0	1,1	90	0	1,1	B	0,32	0	FORCA LIVIGNO (SO)		M 3.3(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	10:47:32.43	51,3	93	38,32	2	100							0,2		-0,86	2,8	
RONC	i	d	1	10:47:35.41	69,1	139			98							0,18			3,4	
OZOL	e	d	2	10:47:37.09	78,6	93			97							0,24			3,5	
GAGG	i	d	2	10:47:37.52	82,1	119			96							0,07			3,7	
VARA	e		2	10:47:39.77	96,1	136			96							-0,05			2,7	

11/04/2016	13:11:51,73	,	,											0	OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL			1	13:11:51.73			52,58	2							22					

11/04/2016	15:06:53,00	46,6028	11,3866	9,57	1,4		0	0	0,5	90	0	0,5	B	0,11	0	SARENTINO (BZ)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
OZOL	e		2	15:06:59.16	34	229	63,78	3	106							0,13		0,04	1,2		
ZIAN	e		2	15:07:00.04	38,7	160	5,12	3	104							0,22		-0,02	0		
CARE	e		2	15:07:02.56	56,5	249			100							-0,24			0		
PANI	e		2	15:07:03.88	61,5	184			99							0,24			1,5		
DOSS	e		2	15:07:07.11	81,8	191			97							0,03			1,5		

11/04/2016	15:12:17,17	46,1400	11,1776	6,46	1		0	0	0,1	90	0	0,1	B	0,01	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	15:12:20.06	15,7	129				112						-0,01			1	
GAGG	e		2	15:12:20.45	18,1	250				110						0			1	
DOSS	e		2	15:12:22.25	28,9	178				103						0,02			1,1	
CARE	e		2	15:12:25.56	48,7	311				98						-0,01			0	

12/04/2016	03:44:55,58	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	03:44:55.58			56,59	2							27					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

12/04/2016	10:15:52,67	46,1336	11,1916	0,95	0,9		0	0	0,4	90	0	0,4	C	0,08	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	10:15:55.13	14,4	130				94						-0,01			0,7	
GAGG	i	c	1	10:15:55.84	18,9	253				93						-0,06			0,9	
DOSS	i	c	1	10:15:57.40	28,2	180				92						-0,1			1	
OZOL	e		2	10:15:58.23	31,8	340				92						0,11			1	
ZIAN	i	c	1	10:15:58.26	32,8	61				92						-0,02			0,9	
VARA	e		2	10:15:59.87	41,1	214				91						0,16			0	
CARE	e		2	10:16:01.13	50	310				91						-0,08			0	

12/04/2016	11:41:18,20	45,4746	10,2813	13,15	1,5		0	0	3,5	90	0	3,5	D	0,25	0	CASTENEDOLO (BS)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	11:41:29.15	62,2	25				102						0,08			1,4	
VARA	e		2	11:41:29.30	61,8	51				102						0,28			0	

12/04/2016	14:00:45,70	,	,											10	MANTOVA				M 2.8(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARA	e	c	2	14:00:45.70			59,37	2							170							
DOSS	e	c	1	14:00:46.01			59,09	2							168							
PANI	e	c	2	14:00:49.10			65,36	2							169							
RONC	e	c	2	14:00:49.49			66,63	2							170							
GAGG	e	c	2	14:00:50.33			66,83	2							168							
ZIAN			2	14:00:53.64			71,77	1							169							
OZOL	e	c	2	14:00:55.66			76,09	1							168							
CARE			3	14:00:56.29			77,64	2							168							

12/04/2016	15:24:43,89	46,1341	11,1825	4,28	0,9		0	0	0	90	0	0	C	0	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	15:24:46.55	15	128				106						0			0,8	
GAGG	i	c	2	15:24:47.08	18,2	252				103						0			0,8	
DOSS	e		2	15:24:48.77	28,3	179				99						0			1	
CARE	e		2	15:24:52.36	49,4	311				95						0			0	

12/04/2016	16:02:15,19	46,1308	11,1919	5,01	0,8		0	0	0,2	90	0	0,2	C	0,02	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	16:02:17.76	14,2	129				109						0			0,7	
GAGG	e		2	16:02:18.52	18,8	254				105						0			0,8	
DOSS	i	c	2	16:02:20.03	27,9	181				100						0			0	
ZIAN	e		2	16:02:20.86	32,9	61				99						-0,02			0,9	

12/04/2016	17:30:48,22	,	,												0	CARE				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	17:30:48.22			49,43	1							34					

12/04/2016	17:39:59,33	46,3976	10,5815	2,29	0,9		0	0	0,9	90	0	0,9	C	0,19	0	PEJO (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	17:40:01.06	9,4	71	2,36	2	104							0,08		0,09	0	
OZOL	e		2	17:40:05.70	36,2	89	10,06	2	94							0,18		-0,28	1,1	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

12/04/2016	17:40:35.63	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	17:40:35.63			36,89	1							16					

12/04/2016	17:41:16.83	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	17:41:16.83			18,12	1												

12/04/2016	17:44:31,36	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	17:44:31.36			32,63	1							27					

12/04/2016	17:49:18,03	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	17:49:18.03			19,27	1							34					

12/04/2016	22:10:12,07	,	,											10	FINALE EMILIA (MO)			M 2.2(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	c	2	22:10:12.07			25,81	2							104					
DOSS	e	c	2	22:10:12.47			25,67	2							100					
PANI	i	c	1	22:10:15.77			32,09	2							103					
GAGG	e	c	2	22:10:16.72			33,29	2							102					
ZIAN			2	22:10:20.01			38,17	2							107					
OZOL			3	22:10:22.11			42,54	2							102					
CARE			3	22:10:23.15			43,98	3							98					

12/04/2016	22:17:28,09	,	,											10	MANTOVA				M 2.1(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARA			2	22:17:28.09			41,66	2							110							
DOSS	e	c	2	22:17:28.44			41,63	2							112							
PANI	i	c	2	22:17:31.74			47,89	2							110							
GAGG	e	c	2	22:17:32.72			49,24	2							112							
RONC			3	22:17:33.13			48,88	3							109							
ZIAN			2	22:17:35.94			54,1	2							108							
OZOL			2	22:17:38.49			58,62	2							110							
CARE			3	22:17:39.44			59,94	3							110							

12/04/2016	23:32:26,53	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	23:32:26.53			27,79	2							25					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

13/04/2016	04:35:35,17	46,6866	10,6336	3,52	1,7		0	0	0,6	90	0	0,6	C	0,25	0	MAZIA (BZ)				M 2.1(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	i	c	1	04:35:40.41	29,5	170	44,01	2	97							0,15		-0,22	1,3		
OZOL	i	c	1	04:35:43.06	44,9	134	48,65	2	94							0,18		-0,24	1,5		
GAGG	e	c	2	04:35:47.59	71,6	160			93							0,17			1,7		
RONC	e		2	04:35:48.65	78,5	181			93							0,05			2,1		
ZIAN	e		2	04:35:49.78	84,7	123			92							0,12			1,5		
PANI	e		2	04:35:50.81	88,9	143			92							0,43			1,7		
DOSS	e		2	04:35:51.98	99,4	154			92							-0,18			1,8		

13/04/2016	07:35:18,98	,	,											10	FINALE EMILIA (MO)		M 2.2(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA		2		07:35:18.98			32,19	2							116					
DOSS		3		07:35:19.77			32,11	2							114					
PANI		3		07:35:22.21			38,42	2							116					
RONC		3		07:35:22.82			39,9	3							114					
GAGG		3		07:35:23.44			39,81	2							114					

13/04/2016	10:29:41,51	46,1643	11,1803	7	0,8		0	0	0	90	0	0	C	0	2	GIOVO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e		2	10:29:44.71	17,4	137				112						-0,01			0,8		
GAGG	e		2	10:29:45.03	19,3	242				110						0			0,7		
DOSS	e		2	10:29:47.05	31,6	179				102						0			0,9		

13/04/2016	13:17:33,15	,	,											10	FINALE EMILIA (MO)		M 2.3(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA		2		13:17:33.15			45,8	2							104					
DOSS		3		13:17:33.22			45,53	2							104					
PANI		3		13:17:35.86			52,15	3							104					
GAGG		3		13:17:37.08			53,33	2							104					

13/04/2016	18:31:36,79	,	,											0	VARA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA		2		18:31:36.79			37,33	1							21					

13/04/2016	18:47:20,95	45,6515	10,4283	5,11	1,2		0	0	1,4	90	0	1,4	C	0,19	0	GAVARDO (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VARA	e		2	18:47:27.81	41,3	62				97						-0,25			0		
RONC	e	c	2	18:47:27.91	39,6	22				97						0,14			1,2		
DOSS	e		2	18:47:31.97	64,4	67				95						-0,02			0		

14/04/2016	00:46:36,36	46,0226	11,8036	6,48	0,8		0	0	0,3	90	0	0,3	B	0,07	0	FONZASO (BL)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e	2		00:46:42.41	33,8	327	46,84	2	101							0,17		0,01	0,9	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

14/04/2016	09:34:50,49	45,5356	10,8530	8,56	1,1		0	0	2,6	90	0	2,6	D	0,18	0	S. PIETRO CAR. (VR)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	e		2	09:34:58.68	46,4	34				100						0,13			1,2	

14/04/2016	10:06:03,63	46,1318	11,1865	5,01	0,8		0	0	0,1	90	0	0,1	C	0,01	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	10:06:06.27	14,6	128				109						0,01			0,8	
GAGG	e	c	2	10:06:06.88	18,4	253				105						-0,01			0,8	
DOSS	e	c	2	10:06:08.49	28	180				100						0			0,9	
ZIAN	e		2	10:06:09.36	33,2	61				99						-0,01			0,9	
CARE	e		2	10:06:12.19	49,8	311				96						0,01			0	

14/04/2016	10:07:46,11	45,5516	10,2431	9,91	1,5		0	0	1,3	90	0	1,3	C	0,12	0	BRESCIA				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	10:07:56.09	56,1	32				100						0,24			1,4	

14/04/2016	14:55:26,67	46,1335	11,1871	3,57	1		0	0	0,3	90	0	0,3	C	0,06	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	14:55:29.29	14,7	129				104						0,04			1	
GAGG	i	c	1	14:55:29.85	18,5	253				101						-0,04			0,9	
DOSS	i	c	1	14:55:31.51	28,2	180				97						-0,02			0,9	
ZIAN	e	c	2	14:55:32.37	33,1	61				96						0,01			0,9	
VARA	e		2	14:55:33.84	40,9	213				95						0,15			0	
CARE	e		2	14:55:35.13	49,7	311				94						-0,06			0	

14/04/2016	15:42:36,97	46,1238	11,1785	0,8	0,9		0	0	0	90	0	0	C	0,03	2	CIVEZZANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:42:39.44	14,6	124				93						-0,03			0,9	
GAGG	e	c	2	15:42:39.97	17,6	255				93						-0,01			0,9	
DOSS	e		2	15:42:41.65	27,1	178				92						0,04			0,9	

14/04/2016	15:56:42,70	46,1256	11,1845	6,45	1,4		0	0	0,7	90	0	0,7	C	0,14	2	CIVEZZANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	15:56:45.37	14,3	126				114						-0,01			1,1	
GAGG	e	c	2	15:56:45.86	18,1	255				110						-0,12			1,3	
DOSS	e		2	15:56:47.53	27,3	179				103						0,03			0	
ZIAN	i	c	1	15:56:48.45	33,7	60				101						-0,11			1,1	
OZOL	e		2	15:56:48.64	32,5	342				101						0,27			1,2	
VARA	e		2	15:56:49.86	40,1	214				99						0,22			1,9	
CARE	e		2	15:56:51.13	50,1	311				97						-0,21			0	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

14/04/2016	16:06:32,65	46,1369	11,1881	7,09	1,5		0	0	0,4	90	0	0,4	B	0,1	2	ALBIANO (TN)				EXPL? M 1.9(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
PANI	i	c	1	16:06:35.46	14,8	130				116						-0,01			1,5				
GAGG	i	c	1	16:06:35.99	18,7	251				111						-0,08			1,6				
DOSS	i	c	1	16:06:37.69	28,6	180				104						0,01			1,6				
OZOL	e		2	16:06:38.16	31,4	340				103						0			1,6				
ZIAN	i	c	2	16:06:38.41	32,8	62				102						0,01			1,3				
VARA	e		2	16:06:39.94	41,3	213				100						0,12			0				
RONC	e		2	16:06:41.11	47,1	248				99						0,32			1,4				
CARE	i	c	2	16:06:41.16	49,5	310				98						-0,05			0				

14/04/2016	16:15:59,73	46,1384	11,1835	5,52	1,2		0	0	0,1	90	0	0,1	B	0,02	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	16:16:02.50	15,2	130				110						0			1,3	
GAGG	i	c	1	16:16:03.02	18,4	251				107						0			1,2	
DOSS	i	c	2	16:16:04.73	28,7	179				101						0			1,2	
OZOL	e		2	16:16:05.11	31,1	341				100						-0,03			1,3	
ZIAN	e		2	16:16:05.46	33,1	62				99						0			1,1	
CARE	e	c	2	16:16:08.19	49,1	310				96						0,01			0	

14/04/2016	16:53:11,55	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE			2	16:53:11.55			12,78	1							22					

14/04/2016	22:44:45,93	,	,											0	RONC					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC			2	22:44:45.93			47,02	1							23					

15/04/2016	00:33:38,00	46,3948	10,8511	7,27	1		0	0	0,8	90	0	0,8	C	0,22	0	RABBI (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e	c	1	00:33:40.64	12,3	286	42,39	2	121							0,2		0,05	0		
OZOL	e	d	2	00:33:40.87	15,4	87	42,99	2	115							-0,05		-0,2	0,7		
GAGG	e		2	00:33:44.37	35,6	167	49,34	2	102							0,16		0,28	0		

15/04/2016	03:18:07,63	45,8395	11,0226	13,65	2,6		0	0	0,3	90	0	0,3	B	0,21	0	ROVERETO (TN)			M 2.9(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	c	1	03:18:10.78	9,9	261	12,97	2	144							0,26		0,2	2	
DOSS	i	c	1	03:18:11.17	13,7	71	13,48	2	135							0,24		-0,03	3	
GAGG	i	d	1	03:18:13.02	27,6	350	16,94	2	116							0,13		-0,05	2,8	
PANI	i	d	1	03:18:13.99	33,7	46	18,73	3	112							0,14		0,03	2,8	
RONC	e	c	1	03:18:14.01	34,8	297	18,91	3	111							-0,01		-0,09	2,4	
OZOL	i	c	1	03:18:18.67	62,7	2			102							0,07			2,5	
ZIAN	i	d	2	03:18:18.80	64,1	41			102							-0,03			2,8	
CARE	e		2	03:18:19.82	69,7	339			101							0,04			1,7	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

15/04/2016	03:52:46,21	,	,											10	REGGIO EMILIA	M 2.2(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS		3		03:52:46.21			68,17	3								117				
VARA		2		03:52:46.71			66,73	3								112				
GAGG		3		03:52:50.98			74,66	3								115				
ZIAN		3		03:52:56.03			75,14	3								110				

15/04/2016	05:03:03,82	,	,											10	PERUGIA	M 2.8(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			2	05:03:03.82			33,25	2												
VARA	e	d	2	05:03:04.36			34,2	2												
PANI			3	05:03:05.82			36,96	3												
GAGG			3	05:03:07.57			40,27	2												
RONC			3	05:03:07.88			40,45	2												
ZIAN			3	05:03:08.11			41,75	3												
OZOL			3	05:03:12.17			48,14	3												
CARE			3	05:03:13.91			49,69	3												

15/04/2016	12:22:19,70	,	,											10	MODENA	M 2.2(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			3	12:22:19.70			32,37	3								114				
VARA	i	d	2	12:22:19.98			32,52	2								116				
PANI			2	12:22:22.81			38,72	2								114				
GAGG			3	12:22:23.81			39,99	3								113				
ZIAN			3	12:22:26.97			44,8	3								116				

15/04/2016	12:33:48,40	45,6729	10,7106	8,94	1,4		0	0	0,6	90	0	0,6	C	0,23	0	BRENZONE (VR)			M 1.5(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	2	12:33:52.82	22,3	40					112						0,31			0	
RONC	e	2	12:33:54.71	34,9	349	59,69	2	104								0,15		0,33	1,4	
DOSS	e	2	12:33:56.06	43,7	58	61,55	2	102								0,03		-0,44	1,3	

15/04/2016	17:58:29,06	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	17:58:29.06			30,64	1							27					

15/04/2016	18:00:14,36	46,5270	10,7910	7,84	1,2		0	0	0,9	90	0	0,9	B	0,25	0	MARTELLO (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	c	1	18:00:17.14	13,5	212	18,93	2	120							0,11		-0,18	0	
OZOL	e		2	18:00:19.07	24,3	124	22,42	2	108							0,35		0,28	0,8	
ZIAN	e		2	18:00:26.02	65,6	115	34,34	2	97							0,37		-0,12	1,2	

16/04/2016	01:03:21,04	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	01:03:21.04			21,67	1							28					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

16/04/2016	02:00:56.41	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	02:00:56.41			57,31	1							32					

16/04/2016	08:09:03,44	,	,											0	VARA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	i	c	1	08:09:03.44			3,87	1							21					

17/04/2016	11:45:18,67	,	,											10	PAVIA	M 2.6(l)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC		3		11:45:18.67			40,9	3							130					
VARA		3		11:45:22.91			44,06	3							131					
GAGG		3		11:45:25.33			48,33	3							128					
CARE		3		11:45:25.93			49,83	3							128					
DOSS		3		11:45:26.29			50,05	3							128					
OZOL		3		11:45:28.88			55,76	3							126					
PANI		3		11:45:29.23			54,53	3							126					
ZIAN		3		11:45:30.44			62,29	3							133					

17/04/2016	17:48:25,02	,	,											10	MODENA	M 2.4(l)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA		3		17:48:25.02			39,49	2							116					
DOSS		2		17:48:25.57			40,82	2							114					
RONC		3		17:48:28.30			45,57	3							114					
PANI		3		17:48:28.68			45,51	2							115					
GAGG		3		17:48:29.31			46,9	2							114					
ZIAN		2		17:48:32.75			52,17	2							115					
OZOL		3		17:48:34.66			55,85	2							115					
CARE		3		17:48:36.28			57,01	2							114					

18/04/2016	08:57:55.80	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	c	1	08:57:55.80			57.06	1							29					

19/04/2016	01:47:58,47	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	01:47:58,47			60,33	1							25					

19/04/2016	03:26:20,94	46,7373	10,5191		9	1,2		0	0	0,7	90	0	0,7	B	0,21	0	MALLES VENOSTA (BZ)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	2	03:26:27.73	37,4	159	32,66	3	104							0,22		0,03	0	

19/04/2016	14:09:05,81	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	14:09:05.81			7,88	1							27					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

19/04/2016	15:11:21,51	46,1206	11,1801	1,72	1		0	0	0	90	0	0	C	0,03	2	CIVEZZANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	2		15:11:23.97	14,3	123				97						0			1	
GAGG	e	2		15:11:24.51	17,6	256				96						-0,03			1	
DOSS	e	3		15:11:26.06	26,8	179				94						-0,03			1	

19/04/2016	15:51:16,25	46,1331	11,2231	1,45	1,1		0	0	0,4	90	0	0,4	C	0,07	2	LONA-LASES (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:51:18.39	12,6	137				97						-0,03			1,3	
GAGG	i	c	1	15:51:19.86	21,2	255				94						-0,02			1,1	
DOSS	i	c	1	15:51:21.00	28,3	185				93						-0,09			1,1	
ZIAN	e	c	2	15:51:21.49	30,7	59				93						-0,01			1,1	
CARE	e		2	15:51:25.14	51,9	309				92						0,02			0	

20/04/2016	00:03:36,55	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	00:03:36.55			37,45	0							26					

20/04/2016	06:07:37,26	,	,											10	BERGEN [A]			M 2.6(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	i	c	2	06:07:37.26											126					
PANI	i	c	1	06:07:42.04			61,3	3							123					
OZOL	i	c	2	06:07:42.06			58,7	1							122					
DOSS			2	06:07:45.48			65,28	3							122					
GAGG	e	c	1	06:07:45.64			64,49	3							123					
CARE	e	c	2	06:07:46.14			64,38	1							122					
VARA			2	06:07:49.13			71,09	2							123					
RONC			2	06:07:51.01			73,52	1							122					

20/04/2016	11:10:53,66	,	,											10	MODENA			M 2.1(I)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			2	11:10:53.66			66,65	2							109					
VARA	e	c	1	11:10:53.99			66,55	2							110					
PANI	i	c	2	11:10:56.62			72,86	1							108					
GAGG			3	11:10:57.73			74,03	2							109					
RONC			2	11:10:57.85			73,9	2							109					
ZIAN			3	11:11:01.11			19	2							111					
CARE			3	11:11:04.14			25	3							109					
OZOL			3	11:11:04.24			23,53	2							106					

20/04/2016	12:11:17,25	46,6066	11,3923	5,98	1,2		0	0	0,6	90	0	0,6	B	0,14	0	SARENTINO (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL	e	2	12:11:23.18	34,6	229	28,01	2	100								-0,06		0,09	1,2	
ZIAN	e	2	12:11:24.01	39	160					99						0,02			1,2	
PANI	e	2	12:11:28.28	61,9	184					96						0,39			1,8	

QUATERLY BULLETTIN *April-June 2016*

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

20/04/2016	14:20:56,39	45,8135	11,3421	13,72	1,3		0	0	0,7	90	0	0,7	B	0,24	0	ARSIERO (VI)			DOUBLE EVENT	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	i	c	0	14:21:00.09	14	302	2,66	2	134							0,35		0,31	1	
PANI	e		2	14:21:01.73	26,4	359	5,66	2	117							0,26		0,23	1,6	
VARA	e		2	14:21:02.82	34,7	272	7,33	2	112							0,06		-0,4	1,2	
GAGG	i	c	1	14:21:04.08	42,2	315	9,79	2	108							0,1		-0,11	1,3	
ZIAN	e		2	14:21:06.04	54,2	18			104							0,1			1,6	

20/04/2016	20:09:11,74	45,8101	11,2886	9,72	1		0	0	0,3	90	0	0,3	B	0,11	0	POSINA (VI)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DOSS	i	d	1	20:09:14.44	11	315	16,27	2	132							0,2		0,07	0,8		
PANI	e		2	20:09:16.84	27	8	20,32	2	110							0,2		-0,14	0		
VARA	e		1	20:09:17.28	30,5	273	21,38	3	108							0,06		-0,11	1,4		
GAGG	e		2	20:09:18.83	39,7	320	24,16	2	104							0,1		-0,02	1,1		

21/04/2016	06:22:37,15	,	,											0	OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL	i	d	1	06:22:37.15			38,35	2							20					

21/04/2016	15:32:21,22	46,1311	11,1990	4,76	1,2		0	0	0,9	90	0	0,9	C	0,17	2	FORNACE (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:32:23.82	13,8	130				109						0,11			1,2	
GAGG	e	c	1	15:32:24.52	19,3	254				104						-0,1			1,1	
DOSS	i	c	2	15:32:26.06	27,9	182				100						0			1,1	
ZIAN	e		2	15:32:26.43	32,4	60				98						-0,39			0,9	
VARA	e		2	15:32:28.45	41,2	215				97						0,14			1,3	
CARE	e		2	15:32:29.82	50,6	310				95						-0,09			1,2	

21/04/2016	15:59:12,09	46,1431	11,1830	0,82	1,1		0	0	0,5	90	0	0,5	D	0,05	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15:59:14.70	15,6	131				93						-0,06			1,1	
GAGG	e		2	15:59:15.28	18,6	249				93						0,01			1	
DOSS	e		2	15:59:17.17	29,2	179				92						0,08			1,2	
ZIAN	e		2	15:59:17.75	32,9	63				91						0,04			1,1	

22/04/2016	21:52:58,29	46,1585	11,9320	8,69	1,8		0	0	0,5	90	0	0,5	B	0,23	0	TRANSACQUA (TN)			M 2.5(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	i	c	0	21:53:04.04	31,3	295	8,1	2	106							0,2		-0,08	1,9	
PANI	e		2	21:53:06.65	47,7	255	13,01	3	100							0,08		-0,03	1,8	
DOSS	e		2	21:53:09.71	65,3	242			98							0,16			1,9	
OZOL	e		2	21:53:11.02	73,1	292			97							0,15			1,6	
GAGG	e		2	21:53:11.15	75,7	264			97							-0,16			1,5	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA		NOTES	
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q					

22/04/2016	22:03:17,53	46,1528	11,9198	6,16	1,7		0	0	0,3	90	0	0,3	B	0,13	0	TRANSACQUA (TN)	M 2.3(O)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	i	c	1	22:03:23.07	30,8	297	26,98	2	101							0,17		-0,1	1,8	
PANI	e		2	22:03:25.80	46,6	256	31,58	2	98							0,23		-0,26	1,8	
DOSS	e		2	22:03:28.86	64,2	242			95							0,3			1,7	
OZOL	e		2	22:03:30.02	72,5	293			95							0,05			1,7	
GAGG	e		2	22:03:30.47	74,7	264			95							0,13			1,6	
VARA	e		2	22:03:32.62	87,2	245			94							0,14			1,8	
CARE	e		2	22:03:34.21	98,9	288			94							-0,27			1,6	

22/04/2016	22:04:59,06	46,1503	11,9215	7,01	1,4		0	0	0,4	90	0	0,4	B	0,14	0	TRANSACQUA (TN)	M 1.8(O)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	i	c	1	22:05:04.67	31	297	8,57	2	103							0,17		-0,16	1,6	
PANI	e		2	22:05:07.41	46,7	256	13,15	2	99							0,27		-0,28	1,5	
DOSS	e		2	22:05:10.42	64,2	242			96							0,31			1,3	
OZOL	e		2	22:05:11.46	72,7	293			96							-0,09			1,5	

23/04/2016	01:47:07,54	45,8440	10,9361	13,94	0,9		0	0	0,6	90	0	0,6	B	0,24	0	BRENTONICO (TN)	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		2	01:47:10.31	3,7	237	12,37	2	165							0,31		0,44	0	
DOSS	i	c	1	01:47:11.89	20	78	14,97	2	125							0,18		0,01	0,7	
GAGG	e		1	01:47:12.69	26,7	4	16,48	2	118							0,01		-0,22	1	
RONC	e		2	01:47:13.11	28,7	302			116							0,12			1	
PANI	i	c	1	01:47:14.58	38,5	53	19,3	2	110							0,04		-0,7	0,9	
CARE	e		2	01:47:19.21	67,1	344			102							-0,05			0	
ZIAN	e		2	01:47:19.35	68,3	45			102							-0,1			0	

23/04/2016	05:33:10,67	46,1513	11,9206	6,44	1,5		0	0	0,3	90	0	0,3	B	0,13	0	TRANSACQUA (TN)	M 1.7(O)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e		1	05:33:16.22	30,9	297	20,14	2	102							0,16		-0,13	1,5	
PANI	e		2	05:33:18.78	46,7	256	24,82	3	98							0,06		-0,18	1,6	
DOSS	e		2	05:33:22.03	64,2	242			96							0,33			1,4	
VARA	e		2	05:33:25.68	87,2	246			94							0,06			0	
CARE	e		2	05:33:27.65	99	288			94							0,01			1,4	

23/04/2016	06:12:52,89	,	,													10	MANTOVA	M 2.1(I)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			2	06:12:52.89			66,15	2							101					
VARA			2	06:12:53.05			66,33	1							103					
PANI	i	c	1	06:12:56.14			72,65	1							101					
GAGG	i	c	2	06:12:57.11			73,69	2							100					
RONC			3	06:12:57.51			73,33	3							101					
ZIAN			2	06:13:00.59			18,64	3							106					
CARE			3	06:13:03.72			24,76	3							96					

23/04/2016	06:16:28,99	46,1496	11,9191	6,53	0,9		0	0	0,5	90	0	0,5	B	0,09	0	TRANSACQUA (TN)	M 0.8(O)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	i	c	1	06:16:34.54	30,9	297	38,44	2	102							0,16		-0,15	1,1	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

23/04/2016	10:27:36,50	46,1531	11,9460	10,65	2,9		0	0	0,6	90	0	0,6	B	0,3	0	TRANSACQUA (TN)	M 3.1(I)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	i	c	1	10:27:42.57	32,6	295	46,58	2	108							0,21		-0,35	3,2	
PANI	e		2	10:27:44.96	48,6	256	51,12	2	102							-0,05		-0,53	3,2	
DOSS	e		2	10:27:47.73	66	243			99							-0,21			3,1	
OZOL	i	c	2	10:27:49.45	74,3	292			98							0,11			3,1	
GAGG	e	c	2	10:27:49.62	76,7	264			98							-0,12			2,9	
VARA	e		2	10:27:51.81	89,1	246			97							-0,03			2,9	
CARE	i	c	2	10:27:53.78	100,8	287			96							-0,06			2	

23/04/2016	22:04:36,61	,	,												0	VARA	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	c	1	22:04:36.61			38,74	1								35				

24/04/2016	19:25:22,24	,	,												10	C. MARCHIG. PESARESE	M 2.9(I)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN			3	19:25:22.24												196				
DOSS			3	19:25:24.06												196				
VARA			3	19:25:25.44			55,4	3								197				
RONC			3	19:25:29.20												197				
OZOL			3	19:25:31.74			64,89	3								194				

24/04/2016	20:28:56,12	45,8508	11,2521	14,39	1,1		0	0	0,6	90	0	0,6	C	0,06	0	LASTEBASSE (VI)	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	i	d	1	20:28:58.80	5,9	303	60,86	2	158							0,02		0,01	0,8	
PANI	e		2	20:29:00.85	23,1	16	4,39	2	122							0,07		-0,02	1,1	
VARA	i	d	1	20:29:01.49	27,8	264	5,44	3	117							0,02		-0,2	1,4	
ZIAN	e		2	20:29:05.45	53,1	27			105							-0,07			1,4	

24/04/2016	22:21:20,20	,	,												10	MODENA	M 2.1(I)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			3	22:21:20.20			33,65	2								110				
DOSS			3	22:21:20.56			33,47	2								113				
PANI			3	22:21:23.46			39,43	3												
RONC			2	22:21:23.78			40,86	2								108				
ZIAN			2	22:21:27.92			45,96	1								111				
OZOL			3	22:21:30.23			50,31	3								108				

25/04/2016	00:37:09,53	,	,												10	MODENA	M 2.4(I)
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	i	c	2	00:37:09.53			29,14	3								136				
DOSS			3	00:37:10.39			31,68	3								134				
RONC	e	c	2	00:37:12.25			34,74	3								135				
PANI			3	00:37:13.61												133				
GAGG			3	00:37:13.64			35,54	3								134				
ZIAN			3	00:37:17.47			37,89	3								134				
OZOL			3	00:37:19.46			39,98	3								130				
CARE			3	00:37:20.46												132				

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA		NOTES	
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q					

25/04/2016	02:37:48,81	45,7679	11,0871	8,61	0,6		0	0	0,3	90	0	0,3	B	0,07	0	ALA (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	e	2		02:37:51.79	14,7	32	54	2	120							0,06		0	0	
VARA	e	2		02:37:52.06	16,2	293	54,46	2	118							0,12		0,08	0	

25/04/2016	07:48:23,11		,	,										10	FIRENZE				M 3.5(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
DOSS		3		07:48:23.11			50,84	3							213							
VARA		3		07:48:23.31			51,75	3							216							
RONC		3		07:48:25.45			59,54	3							215							
PANI		3		07:48:25.87			57	3														
GAGG		3		07:48:26.08			58,4	2							214							
ZIAN		3		07:48:29.01			56,82	3							216							
OZOL		3		07:48:31.40			63,77	3							214							
CARE		3		07:48:31.71											210							

25/04/2016	10:29:21,42	,	,											10	AUSTRIA			M 3.8(I)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN		3		10:29:21.42			63,82	3							275					
OZOL		3		10:29:23.57			69,06	3							271					
PANI		3		10:29:24.94			73,37	3							271					
CARE		3		10:29:26.16			75,22	3							268					
DOSS		3		10:29:26.43			75,12	3							269					
GAGG		3		10:29:26.95			75,42	3							270					
RONC		3		10:29:30.62											273					
VARA		3		10:29:31.37											273					

25/04/2016	12:43:38,32	,	,											10	PARMA		M 2.3(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA		2		12:43:38.32			56,71	3							120					
RONC		3		12:43:40.02			59,24	3							119					
DOSS		3		12:43:40.12			59,92	3							120					
GAGG		3		12:43:41.72			62,59	3							122					
PANI		3		12:43:43.12											121					
ZIAN		3		12:43:47.71			71,5	3							122					

25/04/2016	17:18:20,97	45,6243	11,1723	8,74	2,2		0	0	0,5	90	0	0,5	B	0,2	0	SELVA DI PROGNO (VR)		M 2.9(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	i	c	1	17:18:26.41	28,4	3	30,18	2	107							0,35		0,16	2,9	
VARA	i	d	1	17:18:26.66	31	316	30,85	2	106							0,18		0,07	2,1	
PANI	i	c	1	17:18:29.72	49,1	15	35,9	2	100							0,23		-0,23	2,1	
GAGG	i	d	2	17:18:30.49	53,7	342			99							0,23			2,6	
RONC	i	d	2	17:18:30.88	58,3	313			99							-0,16			2,1	
ZIAN	i	c	1	17:18:34.57	78,6	23			96							0,09			2,5	
OZOL	e	2		17:18:36.13	87,1	354			96							0,2			2,4	
CARE	e	2		17:18:37.58	96,2	338			95							0,09			1,6	

26/04/2016	03:01:50,60	,	,											0	CARE							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
CARE	i	d	0	03:01:50,60			51,4	1							30							

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

26/04/2016	11:43:02,52	45,8540	10,9326	14,88	1,3		0	0	0,6	90	0	0,6	B	0,25	0	MORI (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		2	11:43:05.55	4,2	222	7,65	2	164							0,39		0,43	0,4	
DOSS	i	c	1	11:43:06.97	20,1	82	10,02	2	127							0,18		-0,11	1,1	
GAGG	e	d	1	11:43:07.78	25,6	5	11,58	2	120							0,2		0,05	1,3	
PANI	e	c	1	11:43:09.62	38,1	55	14,3	2	111							0,11		-0,66	1,3	
CARE	e		2	11:43:14.28	66	344			103							0,2			0	
ZIAN	e		2	11:43:14.39	67,7	46			102							0,02			1,7	

26/04/2016	12:55:26,51	45,4620	10,0840	12,12	1,8		0	0	2,6	90	0	2,6	D	0,15	0	BAGNOLO MELLA (BS)							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
VARA	e		2	12:55:39.68	75,2	57				99						0,16			1,9				

26/04/2016	19:44:23,84	,	,											10	REGGIO EMILIA	DOUBLE EV. M 2.2(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			3	19:44:23.84																
RONC			3	19:44:24.28																
GAGG			3	19:44:25.92																
ZIAN			3	19:44:31.02																

26/04/2016	23:21:37,70	46,5678	10,4836	9,28	1		0	0	1	90	0	1	C	0,16	0	GIOGO STELVIO (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	d	1	23:21:42.07	22,9	134	45,03	2	112							0,15		-0,18	1,1	

27/04/2016	08:51:03,40	45,7033	10,3345	10,19	1,4		0	0	0,5	90	0	0,5	C	0,06	0	VESTONE (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	e		2	08:51:10.19	38,1	36	15,42	3	105							0,05		0,02	1,1		

27/04/2016	09:47:05,18	45,8593	11,8960	11,68	2,1		0	0	0,4	90	0	0,4	B	0,13	0	CAVASO D. TOMBA (TV)	M 2.7(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	09:47:13.81	48,4	296	20,27	3	104							0,11		-0,07	1,8	
DOSS	e		2	09:47:14.71	55	272			102							-0,08			2	
ZIAN	e		2	09:47:14.74	53	331			102							0,28			2,3	
GAGG	e		2	09:47:18.33	76,8	289			99							-0,13			2,1	
VARA	e		2	09:47:18.52	77,7	267			99							-0,1			0	

27/04/2016	10:07:32,88	46,1330	11,1875	5,96	1,2		0	0	0,2	90	0	0,2	B	0,04	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e	c	2	10:07:35.58	14,6	129				112						0			1,2		
GAGG	i	c	2	10:07:36.15	18,5	253				108						-0,06			1,2		
DOSS	e	c	1	10:07:37.80	28,1	180				102						0,01			1,1		
ZIAN	i	c	1	10:07:38.64	33,1	61				100						0,01			1		
VARA	e		2	10:07:39.98	40,9	213				98						0,03			1,8		
CARE	i	c	2	10:07:41.43	49,8	311				97						-0,02			1,5		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

27/04/2016	10:09:58,14	46,1393	11,1840	6,41	1,5		0	0	0,2	90	0	0,2	B	0,04	2	ALBIANO (TN)			EXPL? M 1.9(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	10:10:00.95	15,3	130				113						-0,02			1,6	
GAGG	e	c	2	10:10:01.46	18,5	250				109						-0,03			1,5	
DOSS	e	c	2	10:10:03.19	28,8	179				103						0			1,5	
OZOL	e		2	10:10:03.56	31,1	341				102						0			1,6	
ZIAN	i	c	1	10:10:03.89	33	63				101						0			1,3	
CARE	e		2	10:10:06.52	49,1	310				97						-0,09			1,6	

27/04/2016	10:13:33,46	46,1783	11,2046	5,92	1		0	0	0,3	90	0	0,3	C	0,04	2	CEMBRA LISIGN. (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	10:13:36.60	17,4	145				109						0			0,8	
GAGG	e	c	2	10:13:37.30	21,7	241				105						-0,01			1,1	
OZOL	e		2	10:13:38.22	27,7	335				102						-0,07			0,9	
ZIAN	e		2	10:13:38.61	29,7	68				101						-0,03			0,9	
DOSS	e	c	2	10:13:39.23	33,2	182				100						0,01			0	
CARE	e		2	10:13:41.68	47,7	305				97						0			0	

27/04/2016	11:56:17,32	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	11:56:17.32			19,46	1							33					

27/04/2016	14:50:34,77	46,1310	11,2376	7	1,1		0	0	0	90	0	0	C	0,01	2	BASELGA DI P. (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	2	14:50:37.09	11,7	140				121						0			1,2	
GAGG	e		2	14:50:38.74	22,2	256				107						-0,01			1	
DOSS	e		2	14:50:39.72	28,2	188				104						0			1,1	

28/04/2016	03:31:01,56	46,4370	10,5391	3,28	0,8		0	0	0,6	90	0	0,6	C	0,09	0	IL GRAN ZEBRU' (SO)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	i	c	0	03:31:03.76	12,2	97	5,28	2	105							0,04		-0,13	0		

28/04/2016	10:08:50,60	46,1841	11,2018	6,06	1,1		0	0	0,2	90	0	0,2	B	0,03	2	CEMBRA LISIGN. (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	10:08:53.84	18	145				109						-0,01			1	
GAGG	i	c	1	10:08:54.47	21,9	239				105						-0,01			1,1	
OZOL	e		2	10:08:55.27	27	335				103						-0,05			1,1	
ZIAN	i	c	1	10:08:55.78	29,7	70				102						0			1	
DOSS	e		2	10:08:56.48	33,8	182				100						0,01			1,2	
CARE	e		2	10:08:58.70	47,2	304				97						-0,03			1,3	

28/04/2016	10:12:12,20	46,1843	11,2036	5,49	0,9		0	0	0,2	90	0	0,2	C	0,04	2	CEMBRA LISIGN. (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	10:12:15.41	18	146				107						0			0,8	
GAGG	i	c	2	10:12:16.07	22	239				104						0			0,9	
OZOL	e		2	10:12:16.87	27	334				101						-0,04			0,9	
ZIAN	e	c	2	10:12:17.34	29,6	70				101						0			0,8	
DOSS	e	c	2	10:12:18.05	33,8	182				99						-0,01			1	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

28/04/2016	10:37:38,96	,	,											0	VARA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	d	1	10:37:38.96			39,65	1							27					

28/04/2016	15:03:58,63	46,1358	11,2165	0,46	1,2		0	0	0,6	90	0	0,6	C	0,15	2	LONA-LASES (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:04:00.73	13,2	136				92						-0,15			1,4	
GAGG	e	c	2	15:04:02.20	20,8	254				91						0,02			1,1	
DOSS	i	c	1	15:04:03.35	28,5	184				91						-0,16			1,1	
ZIAN	i	c	1	15:04:03.83	31	60				91						-0,1			1,1	
VARA	e	c	2	15:04:06.10	42,4	216				91						0,21			1,4	
CARE	i	c	2	15:04:07.44	51,3	309				91						0,04			0	

28/04/2016	15:32:05,88	46,1341	11,1886	5,69	1,2		0	0	0,4	90	0	0,4	C	0,07	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15:32:08.58	14,6	129				111						0,02			1,1	
GAGG	e		2	15:32:09.11	18,7	252				107						-0,1			1,3	
DOSS	i	c	2	15:32:10.77	28,3	180				101						-0,04			1	
ZIAN	e		2	15:32:11.48	32,9	61				100						-0,11			1,2	
VARA	e	c	2	15:32:13.09	41,1	213				98						0,12			0	
CARE	e		2	15:32:14.41	49,8	310				97						-0,03			0	

28/04/2016	16:13:59,62	46,1336	11,1831	7,43	1,4		0	0	0,3	90	0	0,3	B	0,06	2	ALBIANO (TN)			EXPL? M 1.8(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	16:14:02.42	14,9	128				116						-0,05			1,4	
GAGG	i	c	1	16:14:02.92	18,2	252				112						-0,06			1,6	
DOSS	i	c	2	16:14:04.60	28,2	179				105						0			1,4	
ZIAN	i	c	1	16:14:05.50	33,3	62				103						0,04			1,2	
VARA	e		2	16:14:06.83	40,8	213				100						0,13			1,2	
CARE	e	c	2	16:14:08.18	49,5	311				99						0,01			0	

29/04/2016	00:33:30,73	45,9520	12,0203	11,01	1,1		0	0	1,1	90	0	1,1	C	0,15	0	SEGUSINO (TV)			M 1.3(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e		2	00:33:39.83	50,5	316				102						0,27			1	
PANI	e		2	00:33:40.36	54,2	282				101						0,17			1,4	

29/04/2016	15:50:15,70	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE			2	15:50:15.70			16,58	1							30					

29/04/2016	19:01:46,22	45,7485	11,0325	9,91	0,9		0	0	0,3	90	0	0,3	B	0,1	0	ALA (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	i	d	1	19:01:49.24	13,6	309	51,46	2	126							0,14		0,11	0	
DOSS	e	d	1	19:01:50.03	19	40	52,59	2	118							0,15		-0,15	0,7	
GAGG	e		2	19:01:52.92	37,7	351	58	2	105							0,04		-0,07	0,8	
PANI	e		2	19:01:53.53	41	35			104							0,1			1,1	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

29/04/2016	19:34:15,11	45,5015	10,6301	9,1	1,3		0	0	1,3	90	0	1,3	C	0,19	0	SAN VIGILIO (VR)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		2	19:34:22.43	41,6	30				102						0,04			1,5	
DOSS	e		2	19:34:25.95	60,5	46				99						0,37			1,3	

30/04/2016	01:53:21,00	45,6539	10,3526	12,54	1,2		0	0	0,7	90	0	0,7	B	0,13	0	GAVARDO (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	e		2	01:53:28.53	42	30	34,61	2	107							0,05		0,28	0,9		

30/04/2016	03:50:12,49	45,7981	11,1703	13,08	0,8		0	0	0,7	90	0	0,7	C	0,18	0	TRAMBIENO (TN)			M 0.9(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	i	c	1	03:50:15.46	9,2	9	17,49	2	145							0,23		0,13	0,8	
VARA	e		2	03:50:16.90	21,5	278	20,13	2	121							0,1		-0,02	0,9	
PANI	e		2	03:50:18.39	30,9	24	22,32	2	113							0,17		-0,37	0,8	
GAGG	e	d	1	03:50:19.10	35,7	333	23,96	2	110							0,11		-0,11	0,8	

30/04/2016	04:45:04,30	46,6136	10,5028	9,19	0,9		0	0	0,7	90	0	0,7	C	0,16	0	TUBRE (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	04:45:09.08	25,8	145	12,49	2	110							0,09		-0,15	0	

30/04/2016	22:12:02,98	45,8058	10,9236	14,36	0,2		0	0	0,3	90	0	0,3	C	0,01	0	BRENTONICO (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		2	22:12:05.50	3,1	317	7,44	2	168							0,01		-0,01	-0,2	

02/05/2016	10:05:54,39	46,0936	11,2535	16,89	0,9		0	0	1,8	90	0	1,8	B	0,14	2	PERGINE VALSUG. (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	10:05:57.60	7,9	127				155						0,02			0,9	
GAGG	e		2	10:05:59.07	22,8	267				126						-0,17			1	
ZIAN	e		2	10:06:00.66	31,4	50				118						0,18			0,8	

02/05/2016	10:11:48,14	46,1841	11,1978	8,44	1,1		0	0	0,3	90	0	0,3	B	0,06	2	CEMBRA LISIGN. (TN)		EXPL?		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	10:11:51.51	18,2	144				115						-0,06			1,1	
GAGG	e	c	2	10:11:52.14	21,6	239				111						0,04			1,3	
OZOL	e		2	10:11:52.92	26,8	335				107						-0,03			1,3	
ZIAN	i	c	1	10:11:53.44	30	70				106						-0,02			1	
DOSS	i	c	2	10:11:54.13	33,8	181				104						0,04			1,2	
CARE	e		2	10:11:56.34	46,9	305				100						0,06			0	

02/05/2016	14:20:00,67	46,1206	11,2325	5,26	0,9		0	0	0,6	90	0	0,6	C	0,07	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	14:20:02.73	11,1	134				115						-0,04			0,7	
GAGG	e		2	14:20:04.44	21,6	259				104						-0,03			0,8	
DOSS	i	c	2	14:20:05.39	27	187				101						0,02			1	
ZIAN	e		2	14:20:06.11	30,8	56				100						0,09			1	
CARE	e		2	14:20:09.75	53,3	309				96						-0,08			0	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

02/05/2016	15:58:45,39	46,1350	11,1850	5,5	1,1		0	0	0	90	0	0	C	0	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15:58:48.10	14,9	129				110						0			1	
GAGG	e		2	15:58:48.67	18,4	252				107						0			1,3	
DOSS	e	c	2	15:58:50.32	28,3	179				101						0			1,2	
ZIAN	e	d	2	15:58:51.13	33,1	62				99						0			0,9	

03/05/2016	02:52:32,40	45,9711	10,9121	4,92	0,7		0	0	1,4	90	0	1,4	C	0,2	0	DRO (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
GAGG	e		2	02:52:34.63	13	16	36,9	2	111							-0,15		0,27	0,8		
VARA	e		2	02:52:35.05	16,2	184	37,83	2	107							-0,24		0,28	1		
DOSS	e		2	02:52:36.50	23,7	115	39,81	2	102							-0,05		0,03	0,8		

03/05/2016	10:02:28,76	46,1496	11,1806	7	1,2		0	0	0	90	0	0	C	0,04	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e		2	10:02:31.78	16,2	133				113						0			1,3		
GAGG	e	c	2	10:02:32.22	18,7	247				111						0,05			1,1		
DOSS	e		2	10:02:34.05	30	179				103						0,02			1		

04/05/2016	08:18:13,65	,	,											10	MODENA				M 3.2(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
DOSS			2	08:18:13.65			36,23	2							178							
VARA			2	08:18:14.06			35,28	2							179							
GAGG			3	08:18:15.47			42	2							180							
PANI			3	08:18:16.57			42,72	2							180							
ZIAN			3	08:18:21.37			50,27	2							177							
OZOL			3	08:18:22.33			53,03	3							177							
CARE			3	08:18:22.41			53,69	3							178							

04/05/2016	18:19:51,51	45,5258	10,9718	13,5	2,6		0	0	0,3	90	0	0,3	B	0,13	0	GREZZANA (VR)				M 3.1(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
VARA	i	d	1	18:19:57.96	33,9	350	62,69	3	112							0,22		0,08	2,1				
DOSS	i	d	2	18:19:59.35	42,8	23	64,96	3	107							0,16		-0,22	2,8				
RONC	i	d	2	18:20:01.57	57,4	332	9,37	3	103							-0,02		-0,08	2,7				
GAGG	e	d	2	18:20:02.39	62	359			102							0,03			2,4				
PANI	e	d	2	18:20:02.85	64,8	26			102							0,02			2,3				
ZIAN	e	d	2	18:20:07.80	95,2	29			98							-0,15			2,8				
CARE	i	d	2	18:20:09.23	102,1	348			98							0,11			2,5				

05/05/2016	02:05:45,05	,	,											10	WILD SPITZE [A]			M 2.2(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	02:05:45.05			51,07	2							114					
OZOL			2	02:05:45.27			51,48	2							112					
ZIAN	e	c	1	02:05:49.97			59,07	1							117					
GAGG			3	02:05:51.81			61,4	3							111					
PANI			2	02:05:52.34			62,99	3							113					
RONC			2	02:05:53.46			65,43	2							114					
DOSS			2	02:05:54.93			68,34	3							110					
VARA			3	02:05:57.25			70,48	3							114					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

05/05/2016	06:15:03,70	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC		2		06:15:03.70			4,59	2							22					

05/05/2016	07:52:41,71	,	,											0	VARA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA		2		07:52:41.71			43,67	1							29					

05/05/2016	10:06:08,43	46,1285	11,1875	4,51	0,8		0	0	0,3	90	0	0,3	C	0,03	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	10:06:11.02	14,3	127				108						0,02			0,6	
GAGG	e		2	10:06:11.65	18,4	254				104						-0,02			0	
DOSS	e		2	10:06:13.24	27,6	180				99						0,02			0,8	
ZIAN	e		2	10:06:14.12	33,3	60				98						-0,06			0,8	

05/05/2016	10:13:25,71	46,1415	11,1823	5,07	0,8		0	0	0,1	90	0	0,1	C	0,01	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	2	10:13:28.50	15,5	131				108						0			0,6		
GAGG	e		2	10:13:28.99	18,5	250				105						0			0,7		
DOSS	e		2	10:13:30.77	29,1	179				100						0,01			1		
ZIAN	e		2	10:13:31.42	33	63				99						0			1		

05/05/2016	14:25:38,65	46,1226	11,2308	3,02	0,9		0	0	0	90	0	0	C	0,03	2	BASELGA DI P. (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	2	14:25:40.66	11,3	135				105						0,01			1	
GAGG	e		2	14:25:42.33	21,5	258				98						-0,03			0	
DOSS	i	c	2	14:25:43.29	27,2	187				96						-0,03			0,9	

05/05/2016	14:41:28,77	46,1341	11,1941	0,85	1,3		0	0	0,4	90	0	0,4	C	0,1	2	ALBIANO (TN)			EXPL? M 1.6(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	14:41:31.21	14,3	130				93						-0,01			1,1	
GAGG	e	c	2	14:41:31.96	19,1	253				93						-0,07			1,3	
DOSS	i	c	2	14:41:33.47	28,2	181				92						-0,13			1,2	
ZIAN	e	c	2	14:41:34.31	32,6	61				92						-0,03			1,1	
OZOL	e	c	2	14:41:34.35	31,9	340				92						0,13			1,2	
VARA	i	c	2	14:41:35.89	41,3	214				91						0,06			0	
CARE	e		2	14:41:37.26	50,1	310				91						-0,07			0	

05/05/2016	15:11:44,90	46,1238	11,2211	1,3	0,8		0	0	0	90	0	0	C	0,02	2	BASELGA DI P. (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15:11:46.96	12	133				96						0			0,9	
GAGG	e		2	15:11:48.45	20,8	258				94						-0,02			0,8	
DOSS	e		2	15:11:49.54	27,2	185				93						-0,02			0,9	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

05/05/2016	15:26:22,59	46,1388	11,1805	5,81	1,3		0	0	0,5	90	0	0,5	C	0,11	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e	c	2	15:26:25.40	15,4	129				111						-0,01			1,3		
GAGG	e	c	2	15:26:25.79	18,2	250				108						-0,07			1,1		
DOSS	e		2	15:26:27.39	28,8	179				101						-0,22			1,2		
OZOL	e		2	15:26:28.08	31	341				101						0,09			1,3		
VARA	e		2	15:26:29.91	41,1	212				98						0,22			0		
CARE	e		2	15:26:30.99	48,9	310				97						-0,03			1,4		

05/05/2016	17:41:43,78	46,1441	12,3593	8,9	2,3		0	0	0,5	90	0	0,5	B	0,24	0	PUOS D'ALPAGO (BL)	M 2.6(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e		2	17:41:54.52	63,2	283				98						-0,17			2,1	
PANI	e		2	17:41:57.65	79,9	263				96						0,12			2,1	
DOSS	e		2	17:42:00.42	95,3	252				95						0,28			2,5	

05/05/2016	17:52:33,04	46,1485	12,3555	9,15	1,8		0	0	0,4	90	0	0,4	B	0,17	0	PUOS D'ALPAGO (BL)		M 2.2(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	17:52:46.94	79,7	262				97						0,2			1,6	
DOSS	e		2	17:52:49.64	95,2	252				95						0,26			1,8	

06/05/2016	00:54:43,72	45,7981	11,1515	12,93	0,7		0	0	0,8	90	0	0,8	B	0,13	0	VALLARSA (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	i	c	1	00:54:46.56	9,5	18	48,63	2	144							0,1		0,02	0,3	
VARA	e		2	00:54:47.98	20,1	279	51,11	2	123							0,18		0,13	1	
GAGG	e		2	00:54:50.10	35,1	335	54,82	2	110							-0,01		-0,27	0	

06/05/2016	05:26:49,18	45,8256	11,1905	13,25	0,5		0	0	0,8	90	0	0,8	C	0,19	0	TERRAGNOLO (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DOSS	e		2	05:26:51.93	6	359	53,99	2	155							0,26		0,38	0,1		
VARA	e		2	05:26:53.79	22,8	270	57,11	2	120							0,1		-0,11	0		
PANI	e		2	05:26:54.58	27,4	24	58,2	2	116							0,2		-0,25	0,9		

07/05/2016	23:20:32,85	46,4508	10,6810	9,19	0,9		0	0	0,8	90	0	0,8	B	0,28	0	PEJO (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	23:20:34.65	3,2	157	35,72	2	161							0,14		-0,09	-0,2	
OZOL	e	c	1	23:20:38.20	29	100	41,83	2	108							0,16		-0,26	1,1	
RONC	i	c	2	23:20:42.27	52,4	185			100							0,32			1,1	
ZIAN	e		2	23:20:45.59	70,6	106			97							0,56			1,5	

08/05/2016	09:01:11,84	45,8088	11,9776	8,78	1,1		0	0	1	90	0	1	C	0,07	0	MONTEBELLUNA (TV)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
ZIAN	e		2	09:01:22.43	61,1	328				98						0,04			1,3		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

08/05/2016	10:57:26,97	45,8120	10,7943	14,82	0,6		0	0	1,5	90	0	1,5	C	0,1	0	MALCESINE (VR)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		1	10:57:30.03	8,1	79	32,08	2	151							0,18		-0,03	0,7	
DOSS	e		2	10:57:32.84	31,6	76			115							-0,09			0,6	

08/05/2016	14:07:56,30	46,6898	10,3361	8,21	1,2		0	0	0,7	90	0	0,7	C	0,23	0	MONPICCO (BZ)							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
CARE	e	d	1	14:08:03.43	40,5	137	8,57	2	101							0,07		-0,3	0				

08/05/2016	18:50:45,30	46,7351	10,4921	11,68	1,8		0	0	0,6	90	0	0,6	B	0,24	0	MALLES VENOSTA (BZ)				M 2.2(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		2	18:50:52.11	37,9	156	56,87	3	107							0,02		-0,51	0		
OZOL	e		2	18:50:55.25	56,6	131			102							0,07			1,6		
GAGG	e		2	18:50:59.48	80,8	154			98							0,22			1,7		
RONC	e		2	18:51:00.03	84,4	173			98							0,16			2		
ZIAN	e		2	18:51:02.22	96,7	122			97							0,26			1,8		

08/05/2016	21:15:56,64	46,1030	11,8716	6,04	0,7		0	0	0,2	90	0	0,2	B	0,07	0	LE VETTE (BL)	M 0.6(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e		2	21:16:02.07	30,6	309	6,06	2	101							0,1		-0,08	0,8	

09/05/2016	10:01:54,99	46,1438	11,2065	1,52	0,9		0	0	0,1	90	0	0,1	C	0,01	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	10:01:57.45	14,3	136				96						0			1	
GAGG	e		2	10:01:58.48	20,3	251				94						0,01			0,8	
DOSS	e		2	10:02:00.03	29,3	183				93						0,02			0,8	
ZIAN	e		2	10:02:00.33	31,2	62				93						0			1	
CARE	e		2	10:02:03.57	50,1	308				92						0			0	

09/05/2016	15:26:18,32	46,1476	11,1883	8,26	1		0	0	0	90	0	0	C	0,01	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	2	15:26:21.34	15,6	134				118						-0,01			0,9		
GAGG	e		2	15:26:21.89	19,1	248				113						0,01			0,9		
DOSS	e		2	15:26:23.61	29,8	180				106						0,01			0,9		

09/05/2016	15:31:32,60	45,5358	10,9861	11,67	1,6		0	0	0,5	90	0	0,5	B	0,14	0	GREZZANA (VR)			M 2.0(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VARA	i	d	1	15:31:38.72	33	348				109						0,14			1,3		
DOSS	i	d	1	15:31:40.11	41,4	22	45,31	2	106							0,16		-0,37	1,5		
RONC	e	c	2	15:31:42.39	57	330	50,19	3	102							-0,15		-0,1	1,4		
PANI	e		2	15:31:43.70	63,3	25				100						0,09			1,4		
CARE	e		2	15:31:50.10	101,3	347				97						0,07			0		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA			NOTES		
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q							
09/05/2016	15:56:24,34	46,1201	11,2388	3,96	0,8		0	0	0	90	0	0	C	0	2	BADELGA DI P. (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15:56:26.29	10,7	136				110						0			0,6	
GAGG	e		2	15:56:28.17	22,1	259				100						0			1	
DOSS	e		2	15:56:29.00	27	188				98						0			0,8	
ZIAN	e	c	2	15:56:29.59	30,5	55				97						0			0,7	
10/05/2016	09:43:08,01	45,6928	10,3888	23,46	1,2		0	0	2,9	90	0	2,9	C	0,21	0	VESTONE (BS)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	09:43:15.69	36,8	30				107						0,3			1,1	
10/05/2016	10:32:49,18	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE			2	10:32:49.18			50,51	1							26					
10/05/2016	10:46:14,49	45,8530	10,9233	15,35	0,9		0	0	0,8	90	0	0,8	B	0,27	0	MORI (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		2	10:46:17.61	3,7	215	19,66	2	167							0,42		0,37	0	
DOSS	i	c	1	10:46:19.00	20,8	82			126							0,09			0,8	
PANI	e		2	10:46:21.68	38,8	55	26,71	2	112							0,06		-0,46	1	
10/05/2016	15:23:59,00	46,1406	11,2285	7	0,9		0	0	0	90	0	0	C	0,01	2	LONA-LASES (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15:24:01.52	13	141			118							0			0,9	
GAGG	e		2	15:24:02.91	21,8	253			108							-0,01			1	
DOSS	e		2	15:24:04.12	29,2	186			103							-0,01			0,9	
11/05/2016	02:14:08,05	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE			2	02:14:08.05			8,86	2							28					
11/05/2016	05:37:42,90	45,5258	10,3406	21,28	1,8		0	0	1,1	90	0	1,1	C	0,09	0	BEDIZZOLE (BS)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		3	05:37:52.74	54,7	52			59							-0,18			1,6	
RONC	e		2	05:37:53.01	55,1	23			59							0,02			1,5	
11/05/2016	06:59:25,33	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	06:59:25.33			26,14	1							27					
11/05/2016	07:03:57,90	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE			2	07:03:57.90			58,48	2							25					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

11/05/2016	15:58:14,20	46,1346	11,1883	4,46	1,1		0	0	0,3	90	0	0,3	C	0,08	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	15:58:16.80	14,7	129				107						-0,02			1	
GAGG	i	d	2	15:58:17.42	18,7	252				103						-0,05			0,9	
DOSS	i	c	2	15:58:19.05	28,3	180				99						-0,04			1,2	
OZOL	e		2	15:58:19.76	31,7	341				98						0,1			1	
ZIAN	e		2	15:58:19.87	32,9	61				98						-0,01			1	
VARA	e		2	15:58:21.45	41,1	213				96						0,19			1,3	
CARE	e		2	15:58:22.64	49,7	310				95						-0,09			0	

11/05/2016	19:24:56,82	45,8066	11,8913	10,79	2,2		0	0	0,4	90	0	0,4	C	0,16	0	ASOLO (TV)			M 2.6(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e	c	2	19:25:05.86	51	302				102						0,13			2,2		
DOSS	e		2	19:25:06.38	55,2	279				101						-0,05			2,4		
ZIAN	e	c	2	19:25:07.10	58,1	334				101						0,19			2,5		
VARA	e		2	19:25:10.17	77,4	272				98						0			2		
GAGG	e		2	19:25:10.34	78,6	293				98						-0,04			2,4		
OZOL	e		2	19:25:12.90	92,8	316				97						0,11			2,5		

11/05/2016	19:59:24,84	46,1858	11,9559	7,65	0,8		0	0	0,7	90	0	0,7	B	0,16	0	SAGRON MIS (TN)			M 0.7(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
ZIAN	e		2	19:59:30.75	31,9	288	34,66	2	103							0,3		-0,17	0,9		

12/05/2016	03:17:03,99	46,6865	10,9180	1,28	1,2		0	0	0,3	90	0	0,3	C	0,12	0	SENALES (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL	e		2	03:17:09.85	33,1	162	13,99	2	92							0,2		-0,08	1,1	
CARE	e		1	03:17:09.85	33,7	210	14,08	2	92							0,1		-0,16	0	
ZIAN	e		2	03:17:15.49	67,3	133			91							-0,01			1,5	
DOSS	e		2	03:17:19.51	92	167			91							-0,21			0	

12/05/2016	15:19:38,47	46,1553	11,2380	7	1		0	0	0	90	0	0	C	0,01	2	LONA-LASES (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	2	15:19:41.12	13,8	147				117						0			0,9	
GAGG	e		2	15:19:42.58	23	250				107						0			1	
DOSS	e		2	15:19:43.87	30,8	187				103						-0,01			1,1	

12/05/2016	15:28:39,97	46,1328	11,1861	5,8	1		0	0	0,2	90	0	0,2	B	0,04	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	15:28:42.65	14,7	128				112						-0,02			0,8	
GAGG	e		2	15:28:43.27	18,4	253				107						-0,01			1	
DOSS	e		2	15:28:44.87	28,1	180				102						-0,01			0,9	
ZIAN	e		2	15:28:45.75	33,2	61				100						0,02			1	
CARE	e		2	15:28:48.49	49,7	311				97						-0,04			0	

QUATERLY BULLETTIN *April-June 2016*

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

12/05/2016	15:30:20,36	46,1343	11,1840	5,13	1,1		0	0	0,2	90	0	0,2	B	0,02	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	1	15:30:23.05	14,9	128				109						0			1	
GAGG	e	c	2	15:30:23.58	18,3	252				106						-0,03			1	
DOSS	i	c	2	15:30:25.24	28,3	179				100						-0,03			0,9	
CARE	e		2	15:30:28.85	49,5	311				96						-0,01			0	

12/05/2016	15:32:31,27	46,1278	11,2251	3,35	1,4		0	0	0,5	90	0	0,5	C	0,1	2	BASELGA DI P. (TN)		EXPL?		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:32:33.41	12	135				106						0			1,6	
GAGG	i	c	2	15:32:34.89	21,2	257				99						-0,05			1,3	
DOSS	i	c	1	15:32:36.03	27,7	186				97						-0,01			1,4	
ZIAN	e		2	15:32:36.52	30,9	58				96						-0,06			1,3	
CARE	e	c	2	15:32:40.14	52,4	309				94						-0,1			0	

12/05/2016	21:34:41,85	45,6786	10,6229	18,82	2		0	0	0,7	90	0	0,7	B	0,28	0	GARGNANO (BS)			M 2.4(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VARA	e		2	21:34:47.61	26,8	52				125						0,16			1,7		
RONC	e		2	21:34:48.53	33,6	360	53,54	2	119							0,11		-0,02	1,9		
DOSS	e	d	2	21:34:50.67	49,4	63				111						-0,21			2,2		
GAGG	e		2	21:34:51.33	52	30				110						0,03			1,8		
PANI	e	c	1	21:34:53.83	69	53				105						-0,25			2,1		
CARE	e		2	21:34:56.65	83,1	4				59						0,39			1,8		
OZOL	e		2	21:34:57.08	87,1	22				59						0,23			2,1		
ZIAN	e		2	21:34:58.70	98,6	48				59						0,16			2,3		

13/05/2016	07:18:32.94	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	c	1	07:18:32.94			33,79	1							27					

13/05/2016	08:23:15,18	45,7731	10,5626	4,3	1,2		0	0	2,29	90	0	2,29	C	0,19	0	BAGOLINO (BS)							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
VARA	e		2	08:23:19.93	26,6	77				99						0,14			1,2				

13/05/2016	09:18:04,54	45,6411	10,4420	7,7	1,3		0	0	1,3	90	0	1,3	C	0,15	0	GAVARDO (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VARA	e		2	09:18:11.68	40,9	60				101						0,02			0		

13/05/2016	09:28:53,60	,	,											10						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC			2	09:28:53.60			69,86	1							117					
VARA			3	09:28:54.53			70,44	2							117					
DOSS			3	09:28:57.10			76,18	3							116					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

13/05/2016	21:23:03,47	,	,											10						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e	d	2	21:23:03.47																
PANI	i	d	2	21:23:05.05																
DOSS	i	d	2	21:23:05.93																
OZOL	i	d	2	21:23:06.06																
GAGG	i	d	2	21:23:07.17																
VARA	i	d	2	21:23:07.96																
CARE			3	21:23:08.31																
RONC	i	d	2	21:23:09.66																

14/05/2016	14:05:02,04	46,2553	10,0680	9,5	1,3		0	0	1	90	0	1	C	0,23	0	PIZZO SCALINO (SO)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	14:05:10.99	52	69	17,86	2	100							-0,08		-0,26	0	
RONC	e		2	14:05:11.23	52,6	125	18,26	3	100							0,04		-0,06	1,4	
GAGG	e		2	14:05:14.44	71,4	106				98						0,09			1,5	

14/05/2016	15:11:10,96	46,2545	10,0518	7,74	1,8		0	0	1,4	90	0	1,4	C	0,28	0	PIZZO SCALINO (SO)		M 2.0(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	c	2	15:11:19.71	53,2	69				98						-0,43			0	
RONC	e	c	1	15:11:20.29	53,6	125				98						0,07			2,1	
GAGG	e	c	2	15:11:23.20	72,6	105				96						-0,23			1,8	
OZOL	e		2	15:11:24.02	78,8	78				96						-0,47			1,6	
VARA	e		2	15:11:24.76	80,9	126				95						-0,09			1,8	

14/05/2016	16:02:23,19	46,2583	10,0626	8,66	1		0	0	1,1	90	0	1,1	C	0,27	0	PIZZO SCALINO (SO)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	16:02:32.15	52,2	69	39,07	2	99							-0,09		-0,23	0	

14/05/2016	22:23:18,27	45,5501	10,6346	11,35	0,9		0	0	1,2	90	0	1,2	C	0,19	0	SAN VIGILIO (VR)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	e		2	22:23:26.94	47,9	359	33,48	3	103							0,26		0,25	0,8		

15/05/2016	01:44:40,39	46,0270	10,6988	3,55	0,3		0	0	2,1	90	0	2,1	D	0,09	0	TIONE (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	i	c	1	01:44:41.91	7,8	229	43,02	2	114							0,06		0,02	0,2	

15/05/2016	01:59:41,50	46,0054	10,6786	6,51	0,4		0	0	0,8	90	0	0,8	B	0,2	0	SELLA GIUDICAR. (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	i	c	2	01:59:42.99	5,1	238	44,17	2	142							0,07		0,15	0,4		
GAGG	e		2	01:59:45.72	23,3	68	49,12	2	106							0,08		0,25	0,8		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

15/05/2016	13:08:54,90	45,6101	12,1371	21,21	1,6		0	0	0,6	90	0	0,6	C	0,12	0	ZERO BRANCO (TV)			M 1.9(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	d	1	13:09:08.53	79,3	308				59						-0,01			1,7		
DOSS	e	d	2	13:09:08.65	79,7	292				59						0,05			2		
ZIAN	e		2	13:09:09.82	86,4	329				59						0,23			1,6		

15/05/2016	20:19:36,87	,	,											10	BERGAMO				M 2.2(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
RONC	i	c	1	20:19:36.87			48,3	1							119							
VARA			2	20:19:38.30			50,94	2							120							
GAGG			3	20:19:40.27			54,68	3							119							
DOSS			3	20:19:40.43			57,09	3							118							
CARE	i	c	2	20:19:42.24			58,96	2							119							
PANI	e	c	2	20:19:42.79			60,67	3							118							
ZIAN			3	20:19:46.75			68,64	3							118							

16/05/2016	03:16:08,94	45,5390	10,9856	12,39	1,2		0	0	0,8	90	0	0,8	C	0,16	0	GREZZANA (VR)			M 1.1(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	i	d	1	03:16:14.97	32,7	348	19,92	2	111							0,06		0,35	0	
DOSS	e	d	1	03:16:16.38	41,1	23	21,58	2	107							0,1		-0,42	1,1	
RONC	e		2	03:16:18.65	56,7	330			102							-0,2			1,2	
GAGG	e		2	03:16:19.63	60,6	358			102							0,12			0	
PANI	e		2	03:16:19.92	63	26			101							0			1,8	

16/05/2016	17:24:28,14	46,5575	10,4140	7,37	0,8		0	0	0,6	90	0	0,6	B	0,1	0	GIOGO S. MARIA (SO)							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
CARE	e		2	17:24:32.84	26,3	124	36,36	3	106							0,03		-0,1	0,9				

16/05/2016	19:09:24,58	,	,											0	VARA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			2	19:09:24.58			25,1	2							25					

16/05/2016	19:26:37,71		,		,											10	FERRARA				M 2.5(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag				
DOSS			2	19:26:37.71			52,07	2							139									
VARA			2	19:26:37.85			53,3	2							141									
PANI	i	d	1	19:26:40.62			57,8	2							138									
RONC			2	19:26:41.51			60,26	2							139									
GAGG	e	d	2	19:26:41.83			60,01	2							138									
ZIAN	e	d	2	19:26:44.44			63,78	1							141									
OZOL			2	19:26:47.00			69,06	2							136									
CARE			2	19:26:48.48			70,93	3							137									

17/05/2016	02:22:22,69	46,1503	11,9203	5,44	0,8		0	0	0,4	90	0	0,4	B	0,09	0	TRANSACQUA (TN)			M 0.8(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
ZIAN	i	c	1	02:22:28.13	30,9	297				100						0,07			0		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA				NOTES	
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q								
17/05/2016	05:27:17,21	46,5573	10,3690	7,79	0,9		0	0	0,7	90	0	0,7	B	0,17	0	GIOGO S. MARIA (SO)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		2	05:27:22.48	29,2	120	26,12	2	105							0,1		-0,28	0,7		
17/05/2016	06:56:35,10	46,5525	10,3746	7,86	0,8		0	0	1,1	90	0	1,1	C	0,18	0	GIOGO S. MARIA (SO)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e	d	1	06:56:40.28	28,6	120	43,97	2	105							0,12		-0,14	0,7		
17/05/2016	06:57:33,82	,	,												0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	i	d	1	06:57:33.82			37,38	2							28						
17/05/2016	09:00:27,48	,	,												0	OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
OZOL			2	09:00:27.48			30,48	2							33						
17/05/2016	09:06:58,87	45,6166	10,2470	29,12	1,3		0	0	0	90	0	0	C	0,02	0	LUMEZZANE (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	e		2	09:07:08.33	49,9	36			110							-0,01			1,3		
17/05/2016	10:02:02,41	46,1361	11,1871	5,92	1		0	0	0,5	90	0	0,5	C	0,07	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	1	10:02:05.14	14,8	130			112							0			1,2		
GAGG	e		2	10:02:05.69	18,6	252			108							-0,05			1		
DOSS	e	c	2	10:02:07.42	28,5	180			102							0,04			1		
OZOL	e		2	10:02:07.84	31,5	341			101							-0,04			0,9		
ZIAN	e		1	10:02:08.05	32,9	62			100							-0,08			0,8		
CARE	e		2	10:02:10.82	49,5	310			97							-0,11			1,7		
17/05/2016	12:59:04,80	,	,												0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	i	c	1	12:59:04.80			5,74	1							27						
17/05/2016	21:32:35,90	46,5575	10,3693	8	0,6		0	0	1	90	0	1	C	0,15	0	GIOGO S. MARIA (SO)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		2	21:32:41.14	29,2	120	44,96	2	105							0,06		-0,16	1,1		
18/05/2016	04:21:36,70	45,7861	10,9911	12,08	0,5		0	0	0,7	90	0	0,7	B	0,14	0	ALA (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VARA	i	c	2	04:21:39.40	8,6	301	41,35	2	145							0,17		0,14	0,6		
DOSS	e		2	04:21:40.68	18,6	56	43,33	2	123							0,2		-0,11	0,4		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

18/05/2016	09:41:21,08	,	,											10	LUCCA	M 3.1(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA		3		09:41:21.08			45,87	2												
DOSS		2		09:41:22.16			49,52	3												
GAGG		3		09:41:24.31			50,04	3												
PANI		2		09:41:24.97			51,47	3												
CARE		3		09:41:29.23			57,51	3												
OZOL		2		09:41:29.53			58,32	3												
ZIAN		2		09:41:29.97			59,54	2												

18/05/2016	14:56:29,86	45,7691	10,7296	8,99	0,8		0	0	0,9	90	0	0,9	B	0,25	0	MALCESINE (VR)		M 0.9(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	2	14:56:32.74	14,4	64	35,31	2	122								-0,03		0,28	0	
RONC	e	2	14:56:34.35	24,9	341	38,02	2	110								-0,04		0,09	0,7	
DOSS	e	2	14:56:36.51	37,8	71	41,09	2	103								0,02		-0,57	1	

18/05/2016	20:14:50,70	46,5548	10,3710	7,73	0,6		0	0	0,8	90	0	0,8	C	0,13	0	GIOGO S. MARIA (SO)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	2		20:14:55.91	29	120	59,67	2	105							0,09		-0,15	0	

18/05/2016	21:17:36,20	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	c	1	21:17:36.20			37,3	1							30					

18/05/2016	21:46:23,02	46,2433	10,5636	1,37	1		0	0	0,2	90	0	0,2	C	0,14	0	TEMU' (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e	2		21:46:26.94	22,6	27	29,77	2	93							0,04		-0,15	1		
RONC	e	2		21:46:28.18	29,5	171			93							0,1			0,8		

19/05/2016	03:57:42,49	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	c	1	03:57:42.49			43,35	1							26					

20/05/2016	03:50:19,27	,	,											10	SION [CH]			M 2.9(S)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC		2		03:50:19.27			49,59	2								171				
CARE		3		03:50:19.92			49,61	3								164				
GAGG		3		03:50:23.22			54,87	3								166				
OZOL		3		03:50:24.58			57,72	3								167				
PANI		3		03:50:25.35			59,92	3								169				
DOSS		3		03:50:26.26			59,88	3								165				

20/05/2016	10:42:00,17	45,5304	10,8661	9,81	1,1		0	0	2,29	90	0	2,29	C	0,17	0	SAN PIETRO CAR. (VR)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	e	3		10:42:08.10	46,3	33	14,85	3	102							-0,16		0,28	1,2	

QUATERLY BULLETTIN *April-June 2016*

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

20/05/2016	13:15:14,76	,	,											10						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	i	d	2	13:15:14.76			40,95	3							151					
OZOL	e	d	2	13:15:17.62			45,26	2							149					
PANI	e	d	2	13:15:19.51			48,06	2							150					
CARE			2	13:15:21.44			50,01	3							144					
GAGG	i	d	2	13:15:22.40			51,13	3							148					
DOSS	e	d	2	13:15:23.58			53,48	2							146					
RONC	e	d	2	13:15:26.25			61,44	3							148					
VARA	i	d	2	13:15:26.29			57,43	3							149					

20/05/2016	13:47:17,26	,	,											10			DOUBLE EVENT			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL			2	13:47:17.26			45,32	3												
PANI			3	13:47:19.53			47,44	2												
CARE			3	13:47:20.51			49,2	3												
GAGG			3	13:47:21.79																
DOSS			3	13:47:23.75			52,5	3												

20/05/2016	14:30:03.55	,	,											10	BOLOGNA			M 2.7(I)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			2	14:30:03.55			27,36	3							137					
VARA			2	14:30:04.10			28,17	3							145					
PANI			3	14:30:06.20			29,78	3							143					
RONC			3	14:30:06.90			34,27	3							144					
GAGG			3	14:30:07.34			36,08	3							139					
ZIAN			2	14:30:09.39			32,58	2							146					
OZOL			3	14:30:12.30			44,07	3							139					
CARE			3	14:30:13.27			48,94	3							134					

20/05/2016	15:08:26,15	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	15:08:26.15			27,1	1							25					

20/05/2016	18:28:14,18	46,4605	10,6576	6,74	1,6		0	0	0,6	90	0	0,6	B	0,27	0	PEJO (TN)			M 2.0(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	18:28:15.78	5	143	16,7	2	143							0,16		-0,04	1,2	
OZOL	e		2	18:28:19.84	30,9	102	23,59	2	102							0,25		-0,22	1,6	
GAGG	e		2	18:28:22.82	47,9	151	28,95	2	98							0,37		0,05	1,8	
RONC	i	c	0	18:28:23.61	53,4	183			97							0,23			1,9	
ZIAN	e		2	18:28:26.80	72,6	106			95							0,15			1,6	
DOSS	e		2	18:28:27.44	76,5	148			95							0,14			1,7	

21/05/2016	05:09:46,65	46,5581	10,4143	7,84	0,6		0	0	0,7	90	0	0,7	B	0,12	0	GIOGO S. MARIA (SO)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	05:09:51.38	26,3	124	54,92	2	107							0,04		-0,09	0	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

23/05/2016	00:11:17,00	,	,											10						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN		3		00:11:17.00			50,01	3							182					
PANI		3		00:11:19.16											174					
DOSS		3		00:11:20.24			58,53	3							170					
OZOL		3		00:11:22.32											173					
GAGG		3		00:11:23.05			64,09	3							173					
VARA		3		00:11:23.11											178					
RONC		3		00:11:26.20											176					
CARE		3		00:11:31.08											169					

23/05/2016	06:32:59,34	,	,											0	OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL	e	c	1	06:32:59.34			60,51	2							24					

23/05/2016	06:42:53,36	,	,											0	OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL		2		06:42:53.36			54	1							25					

23/05/2016	06:44:09,96	45,7878	10,9271	14,15	0,7		0	0	1,5	90	0	1,5	C	0,06	0	BRENTONICO (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VARA	e	2		06:44:12.59	4,9	331	14,44	2	161							0,07		-0,07	0,4		
GAGG	e	2		06:44:16.18	33	4				113						0,09			0,8		

23/05/2016	14:27:06,05	46,7390	10,5340	12,81	0,9		0	0	2,5	90	0	2,5	C	0,19	0	MALLES VENOSTA (BZ)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		2	14:27:13.09	37,1	160	17,68	2	109							0,33		-0,32	1,2		

23/05/2016	15:07:15,32	46,1288	11,1818	6,21	1,1		0	0	0,6	90	0	0,6	C	0,08	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	1	15:07:17.99	14,7	126				113						-0,06			0,8	
GAGG	e		2	15:07:18.55	18	254				109						-0,02			0,9	
DOSS	i	c	2	15:07:20.20	27,7	179				103						0,03			1,2	
CARE	e		2	15:07:23.79	49,7	311				97						-0,1			0	

23/05/2016	15:19:42,35	46,1440	11,1863	7	0,9		0	0	0	90	0	0	C	0,01	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	2	15:19:45.26	15,5	132				114						0			0,9		
GAGG	e	c	2	15:19:45.78	18,8	249				110						-0,01			0,9		
DOSS	e		2	15:19:47.50	29,3	180				103						-0,01			0		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

23/05/2016	15:25:39,92	46,1285	11,1796	6,43	1,2		0	0	0,6	90	0	0,6	C	0,08	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:25:42.63	14,8	126				114						-0,05			1,1	
GAGG	e	c	1	15:25:43.13	17,8	254				110						-0,03			1,2	
DOSS	i	c	2	15:25:44.81	27,6	179				103						0,04			1,1	
ZIAN	e		2	15:25:45.75	33,8	61				101						-0,06			1,1	
CARE	e		2	15:25:48.41	49,6	312				97						-0,07			0	

23/05/2016	20:01:09,26	46,6838	10,6416	9,5	0,7		0	0	1,4	90	0	1,4	C	0,23	0	MAZIA (BZ)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		2	20:01:14.72	29,1	172	18,29	2	108							0,22		-0,3	0		

24/05/2016	07:14:48,93	,	,										10	GONZAGA (MN)			M 2.2(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			3	07:14:48.93			63,07	3							118					
DOSS			3	07:14:50.22			65,4	3							115					
GAGG			3	07:14:53.24			69,97	3							115					

24/05/2016	10:08:27,71	46,1401	11,1865	7	1,1		0	0	0	90	0	0	C	0,01	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	10:08:30.57	15,2	131				115						0,01			1,1	
GAGG	e		2	10:08:31.11	18,7	250				111						-0,01			1	
DOSS	e		2	10:08:32.78	28,9	180				104						-0,01			1	

24/05/2016	19:24:46,27	46,5163	11,6126	15,2	0,9		0	0	1,3	90	0	1,3	C	0,26	0	ORTISEI (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	i	c	1	19:24:51.74	27	188	55,78	2	119							0,18		0,09	0,7	
OZOL	e	c	2	19:24:54.11	44,9	254	60,08	2	109							-0,26		-0,61	1,4	

25/05/2016	03:07:51,79	,	,											10	PREPOTTO (UD)	M 2.6(O)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN			3	03:07:51.79			70,43	2							117					
PANI			3	03:07:53.82			73,56	2							116					
DOSS			3	03:07:55.28			76,63	2							114					
OZOL			3	03:07:56.67			80,54	3							115					

25/05/2016	20:46:11,18	,	,											10	FERRARA	M 2.3(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			2	20:46:11.18			25,96	2							126					
VARA			3	20:46:11.20			26,32	2							128					
PANI	i	d	1	20:46:13.63			30,73	1							124					
GAGG	e	d	2	20:46:14.85			33,05	2							125					
RONC			3	20:46:15.29			32,94	3							125					
ZIAN			2	20:46:17.52			36,69	2							127					
OZOL	e	d	2	20:46:20.32			42,12	2							126					

QUATERLY BULLETTIN *April-June 2016*

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

25/05/2016	20:57:34,29	,	,											10						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			3	20:57:34.29			75,31	3							191					
PANI			3	20:57:34.29			75,49	3							196					
ZIAN			3	20:57:34.50			89,95	3							197					
VARA			3	20:57:36.69											196					
GAGG			3	20:57:38.21			81,55	3							193					
OZOL			2	20:57:39.25			84,69	3							194					
RONC	i	c	1	20:57:40.65			86,67	3							195					
CARE			3	20:57:42.45			88,86	3							187					

26/05/2016	15:03:05,68	46,1335	11,1821	3,91	1,2		0	0	0	90	0	0	C	0	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	1	15:03:08.32	15	128				105						0			1,1		
GAGG	i	c	2	15:03:08.85	18,1	252				102						0			1,3		
DOSS	e	c	2	15:03:10.54	28,2	179				98						0			1,1		

26/05/2016	15:40:39,72	46,1369	11,1846	4,95	1,1		0	0	0,4	90	0	0,4	C	0,02	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:40:42.44	15,1	130				108						0,01			1,2	
GAGG	i	c	1	15:40:42.96	18,5	251				105						-0,03			1,1	
DOSS	i	c	1	15:40:44.66	28,6	179				100						-0,02			1,1	
CARE	e		2	15:40:48.20	49,3	310				96						0			0	

26/05/2016	15:54:08,23	46,1361	11,1880	7,24	1		0	0	0,4	90	0	0,4	B	0,05	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:54:11.05	14,8	130				116						0			1,1	
GAGG	e	c	2	15:54:11.56	18,7	252				111						-0,09			0,9	
DOSS	e	c	1	15:54:13.27	28,5	180				104						0,02			1	
OZOL	e		2	15:54:13.86	31,5	341				103						0,1			0,9	
CARE	e		2	15:54:16.74	49,6	310				98						-0,05			0	

26/05/2016	20:31:19,27	46,1351	10,5548	0,09	0,6		0	0	0,2	90	0	0,2	C	0,03	0	VALDAONE (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	i	c	1	20:31:22.37	17,9	163	24,78	2	90							0,03		0,05	0,6		
GAGG	e		3	20:31:24.72	31,7	100	28,89	2	90							0,02		-0,04	0,8		
CARE	e		2	20:31:25.11	34	19	29,62	2	90							0,03		0,01	0		

26/05/2016	23:33:05,81	,	,											10	CAMPOSANTO (MO)			M 2.3(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			3	23:33:05.81			20,29	3							117					
DOSS			3	23:33:06.19			20,05	3							116					
RONC			3	23:33:09.08			27,12	3							114					
PANI			3	23:33:09.58			26,94	3							114					
GAGG			3	23:33:09.99			27,33	3							114					
ZIAN			3	23:33:13.59			33,53	3							118					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

27/05/2016	02:39:22.45	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	02:39:22.45			23,41	1							25					

27/05/2016	18:39:01,03	45,9288	11,9405	11,89	1,9		0	0	0,4	90	0	0,4	B	0,16	0	SEREN D. GRAPPA (BL)	M 2.6(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	18:39:09.78	48,8	286	16,26	3	104							0,16		-0,06	1,7	
ZIAN	e		2	18:39:09.80	48,4	323	16,26	3	104							0,25		0,07	1,9	
DOSS	i	c	2	18:39:11.15	58,6	265			101							-0,09			2	
GAGG	e		2	18:39:14.52	78	283			99							0,01			1,8	
VARA	e		2	18:39:15.01	81,9	262			98							-0,16			1,8	
OZOL	e		2	18:39:16.15	86,6	308			98							0,19			2	

28/05/2016	01:58:08,46	,	,											10			MULTI EVENT			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC			3	01:58:08.46																
DOSS			3	01:58:13.73																
CARE			3	01:58:16.27																
PANI			3	01:58:16.95																

28/05/2016	03:31:58,22	,	,											10	MANTOVA		M 3.1(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			2	03:31:58.22			71,95	1							196					
DOSS	e	d	1	03:31:58.42			71,72	1							192					
PANI	e	d	1	03:32:01.55			18,12	1							194					
RONC	e	d	2	03:32:02.17			19,28	2							194					
GAGG			2	03:32:02.45			19,11	2							193					
ZIAN	e	d	1	03:32:05.74			24,26	1							191					
OZOL			2	03:32:08.13			28,57	1							194					
CARE			2	03:32:08.67			30,08	1							191					

28/05/2016	10:32:10,86	45,8545	11,0221	6,39	0,8		0	0	0,5	90	0	0,5	B	0,13	0	ROVERETO (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		2	10:32:12.97	10,3	252	14,65	2	122							0,04		0,11	0	
DOSS	e		2	10:32:13.43	13,2	78	15,43	3	116							0,06		0,09	0,9	
GAGG	e		2	10:32:15.40	25,9	349	19,03	2	104							-0,03		0,04	0	

28/05/2016	21:16:01,48	,	,											10	TOLMEZZO (UD)		M 2.6(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN			3	21:16:01.48											136					
PANI			3	21:16:05.99			24,66	2							128					
DOSS			2	21:16:07.93			28,04	2							125					
OZOL			3	21:16:08.88			29,78	2							128					
GAGG			2	21:16:09.89			31,13	2							127					
VARA			2	21:16:11.25			34,77	3							131					
CARE			3	21:16:12.57			35,56	3							125					
RONC			3	21:16:14.04			38,46	3							129					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

29/05/2016	00:49:00,04	46,5998	10,1963	8,01	0,6		0	0	0,9	90	0	0,9	C	0,16	0	PONTE DEL GALLO (SO)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	00:49:07.40	43,1	117	13,31	3	101							-0,14		-0,08	0	

29/05/2016	09:46:46,12	46,6095	11,8398	12,84	1,4		0	0	0,7	90	0	0,7	C	0,11	0	BADIA (BZ)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
ZIAN	e		2	09:46:53.67	42,7	210				107						-0,07			1,2		

30/05/2016	08:30:13,83	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	08:30:13.83			14,17	1							26					

30/05/2016	10:10:10,72	46,1335	11,1865	4,38	0,8		0	0	0,2	90	0	0,2	C	0,01	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	10:10:13.34	14,7	129				107						0			0,7	
GAGG	e		2	10:10:13.96	18,5	252				103						0			0,8	
DOSS	e		2	10:10:15.57	28,2	180				99						-0,02			0,9	
ZIAN	e		2	10:10:16.43	33,1	61				98						0			0,9	

30/05/2016	10:11:34,38	46,1771	11,1996	5,82	0,9		0	0	0,9	90	0	0,9	D	0,06	2	CEMBRA LISIGN. (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	10:11:37.51	17,5	143				108						-0,02			0,8	
GAGG	e		2	10:11:38.17	21,3	241				105						0,01			0,9	
ZIAN	e		2	10:11:39.61	30,1	69				101						-0,01			0	
DOSS	e		2	10:11:40.22	33	181				100						0,11			0,9	

30/05/2016	16:09:27,54	46,1456	11,1738	0,7	1,1		0	0	0,5	90	0	0,5	C	0,1	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	16:09:30.27	16,3	130				92						-0,06			1,1	
GAGG	e	c	2	16:09:30.62	18	247				92						0			1,2	
DOSS	i	c	2	16:09:32.44	29,6	178				91						-0,15			1,2	
OZOL	e		2	16:09:32.85	30,1	342				91						0,16			1	
ZIAN	e	c	2	16:09:33.17	33,4	64				91						-0,07			1	
CARE	e		2	16:09:35.70	48,1	310				91						-0,05			0	

30/05/2016	19:00:46,22	45,5685	10,8873	11,08	1,5		0	0	0,6	90	0	0,6	C	0,17	0	SAN PIETRO CAR. (VR)		M 1.5(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e		1	19:00:51.63	28,6	1				111						0,16			0	
DOSS	e	d	2	19:00:53.78	41,8	34	58,85	2	105							0,16		-0,53	1,6	
RONC	e		2	19:00:55.01	50,2	336	61,66	3	102							0		-0,21	1,4	
GAGG	e		2	19:00:56.25	57,5	6				101						0,02			1,5	
PANI	e		2	19:00:57.40	63,9	33				100						0,09			1,5	

30/05/2016	19:53:29,66	46,5483	10,3571	10	0,8		0	0	1,2	90	0	1,2	B	0,22	0	GIOGO S. MARIA (SO)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	19:53:35.11	29,5	118	39,36	2	109							0,12		0,22	0	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

30/05/2016	20:25:11,57	,	,											10	TERNI	M 4.1(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	e	d	2	20:25:11.57											330					
VARA			2	20:25:12.34			49,86	3							336					
PANI			2	20:25:14.22			54,51	2							334					
RONC			2	20:25:14.35											333					
GAGG	e	d	2	20:25:14.92											331					
ZIAN	e	d	2	20:25:16.94			57,64	2							335					
OZOL	e	d	2	20:25:19.52			65,09	2							332					
CARE	e	d	3	20:25:20.74			66,34	3							328					

31/05/2016	10:48:45,95	45,8418	11,3360	6,67	1,1		0	0	0,5	90	0	0,5	B	0,18	0	ROTZO (VI)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DOSS	i	d	0	10:48:48.58	12,2	290	50,54	2	119							0,25		0,36	1,1		
PANI	i	c	1	10:48:50.30	23,2	360	53,33	2	106							0,22		0,02	0,9		
VARA	i	c	2	10:48:52.18	34,2	267	56,36	2	101							0,27		-0,19	1,2		
GAGG	e		2	10:48:52.99	39,7	313	57,96	2	100							0,15		-0,25	1,2		
ZIAN	e	d	2	10:48:54.91	51,4	20			97							0,1			1,2		

31/05/2016	12:28:40.08	,	,												0	RONC				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC			2	12:28:40.08			40,66	1							25					

31/05/2016	15:29:25,65	46,1178	11,2195	0,3	1		0	0	0,3	90	0	0,3	D	0,03	2	FORNACE (TN)			EXPL?		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e	c	2	15:29:27.62	11,6	130				91						-0,02			1		
GAGG	e		2	15:29:29.12	20,5	259				91						-0,04			0		
DOSS	e		2	15:29:30.21	26,5	185				91						0,02			0,8		

31/05/2016	17:32:11,65	46,2126	10,4383	4,74	1,2		0	0	0,9	90	0	0,9	C	0,11	0	EDOLO (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		2	17:32:16.96	30,9	40	21,19	2	99							-0,03		0,04	0		
GAGG	e		2	17:32:19.24	42,7	110	24,56	2	96							0,25		-0,16	1,3		

31/05/2016	23:23:54,23	,	,											10	MANTOVA				M 2.2(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
DOSS			3	23:23:54.23			66,93	2							117							
VARA			3	23:23:54.43			67,1	2							116							
PANI			3	23:23:56.98			73,48	2							117							
GAGG			3	23:23:57.98			74,77	2							117							
RONC			3	23:23:58.35			74,45	3							116							
ZIAN			3	23:24:01.49			19,43	2							116							

01/06/2016	01:01:46,71	46,6266	10,4070	5,47	0,7		0	0	1	90	0	1	C	0,11	0	VAL D'AVIGNA (SO)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		2	01:01:52.15	31,6	135	56,48	2	100							-0,05		0	1,1		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

01/06/2016	01:17:43,97	,	,											10	PARMA	M 2.2(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA		2		01:17:43.97			63,85	3								117				
RONC		2		01:17:45.59			64,93	3								116				
DOSS		3		01:17:45.70			66,01	3								115				
GAGG		2		01:17:47.41			68,38	3								115				
PANI		3		01:17:48.66			72,6	3								115				
CARE		3		01:17:52.32			76,13	3								114				
OZOL		3		01:17:52.49			76,97	3								113				
ZIAN		3		01:17:52.89			77,9	3								116				

02/06/2016	12:45:35,95	46,7245	10,0726	7,85	1,5		0	0	0,6	90	0	0,6	C	0,15	0	DELRAS [CH]			M 1.6(S)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	2		12:45:45.82	58,4	125				98						-0,2			0	
RONC	e	2		12:45:52.14	92,9	153				95						0,25			1,7	

05/06/2016	04:12:03,50	,	,											10						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	d	2	04:12:03.50			23,57	1							119					
DOSS			2	04:12:04.01			25,12	2							119					
RONC			2	04:12:05.95			28,58	2							119					
PANI			2	04:12:06.91			29,89	2							118					
GAGG			2	04:12:07.08			29,69	2							119					
ZIAN			2	04:12:10.65			35,81	3							120					
OZOL			2	04:12:12.05			38,83	2							118					
CARE			2	04:12:12.61			39,2	3							117					

05/06/2016	18:18:38,69	45,4675	12,0471	17,51	1,4		0	0	1,6	90	0	1,6	C	0,15	0	DOLO (VE)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	i	d	1	18:18:52.72	81,1	304	64,26	2	102							-0,16		0,32	1,7	
PANI	e		2	18:18:53.36	85,3	319			59							-0,19			1,8	
ZIAN	e		2	18:18:55.44	97,4	337			59							0,11			1,6	

05/06/2016	22:32:36,17	46,4400	10,6795	6,13	0,5		0	0	0,9	90	0	0,9	B	0,21	0	PEJO (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	22:32:37.32	2,2	141	38,14	2	160							0,04		-0,01	-0,4	
OZOL	e		2	22:32:41.34	28,9	98	44,84	2	102							0,12		-0,32	0,6	
RONC	e	d	1	22:32:45.32	51,2	185	51,58	2	97							0,33		-0,28	1	

06/06/2016	00:01:17,92	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	00:01:17.92			18,66	2							33					

06/06/2016	03:57:22,04	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	03:57:22.04			23,29	1							31					

QUATERLY BULLETTIN *April-June 2016*

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

06/06/2016	09:15:21,13	,	,												10					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL		3		09:15:21.13			42,07	2							136					
PANI		3		09:15:24.51			47,63	3							136					
CARE		3		09:15:24.52			47,78	3							135					
GAGG		3		09:15:26.16			51,71	3							135					
RONC		3		09:15:30.16			58,62	3							136					
VARA		3		09:15:30.79			58,66	3							135					

06/06/2016	14:49:18,01	46,1350	11,1948	4,37	1,1		0	0	0,6	90	0	0,6	C	0,14	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	14:49:20.55	14,3	131				107						-0,01			0,9	
GAGG	e	c	1	14:49:21.33	19,1	253				103						-0,03			1	
DOSS	i	c	2	14:49:22.81	28,4	181				99						-0,1			0,9	
OZOL	e		2	14:49:23.27	31,8	340				98						-0,22			1,1	
ZIAN	e		1	14:49:23.68	32,5	61				98						0,07			1,1	
VARA	e		2	14:49:25.20	41,4	214				96						0,08			1	
CARE	e		2	14:49:26.61	50,1	310				95						0,02			0,9	

06/06/2016	16:17:13,92	46,1323	11,1806	2,44	0,8		0	0	0,2	90	0	0,2	C	0,01	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	1	16:17:16.51	15	127				99						-0,01			0,7		
GAGG	e	c	1	16:17:17.03	18	252				98						0			0,6		
DOSS	e	c	2	16:17:18.71	28,1	179				95						-0,03			0,6		

06/06/2016	16:23:05,11	46,1318	11,1796	3,24	1,1		0	0	0,4	90	0	0,4	C	0,09	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	16:23:07.68	15	127				102						-0,05			1,1	
GAGG	e	c	2	16:23:08.25	17,9	253				100						0,03			1,2	
DOSS	i	c	1	16:23:09.87	28	179				97						-0,06			1,2	
OZOL	e		2	16:23:10.58	31,7	342				96						0,02			1	
VARA	e		2	16:23:11.98	40,5	213				95						-0,07			0	
CARE	e		2	16:23:13.57	49,4	311				94						0			0	

06/06/2016	16:38:12,34	46,1431	11,1806	0,55	1,1		0	0	0,6	90	0	0,6	C	0,13	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	16:38:14.98	15,7	131				92						-0,05			1,1	
GAGG	i	c	2	16:38:15.50	18,4	249				92						0,01			1	
DOSS	i	c	1	16:38:17.22	29,3	179				91						-0,13			1	
VARA	e		2	16:38:19.66	41,6	212				91						0,21			0	
CARE	e		2	16:38:20.56	48,6	310				91						-0,1			1,2	

07/06/2016	08:10:20,77	45,6975	10,3464	13,33	1,2		0	0	1,1	90	0	1,1	C	0,08	0	VESTONE (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	e	1		08:10:27.77	38,1	34				109						0,1			0,8		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

07/06/2016	11:01:47,72	45,8263	10,5833	11,07	1,1		0	0	1,2	90	0	1,2	C	0,09	0	STORO (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	e		2	11:01:51.35	17,4	10	53,93	3	122							0,1		-0,07	0,9		

07/06/2016	16:11:13,78	46,1405	11,1846	5,62	0,9		0	0	0,2	90	0	0,2	C	0,01	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	16:11:16.57	15,3	131				110						0			1,1	
GAGG	e		2	16:11:17.09	18,6	250				107						-0,01			1	
DOSS	i	c	2	16:11:18.81	29	179				101						-0,01			0,8	
ZIAN	e		2	16:11:19.48	32,9	63				100						0			0,7	

07/06/2016	18:11:20,68	,	,											10	SLOVENIA-CROAZIA				M 2.9(I)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN			3	18:11:20.68			59,41	3							175					
PANI			3	18:11:22.84			65,8	3							172					
OZOL			3	18:11:27.48			73,88	3							173					
DOSS			3	18:11:29.23			69,66	3							170					
GAGG			3	18:11:30.91			74,27	3							172					
VARA			3	18:11:32.64			74,66	3							170					
RONC			3	18:11:36.90			80,39	3							167					

08/06/2016	06:51:35,34	46,6560	11,1991	6,28	1,1		0	0	0,9	90	0	0,9	C	0,18	0	LANA (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	06:51:43.40	46,3	236	49,6	3	98							0,07		0,04	0	
PANI	e		2	06:51:47.30	68,1	171				95						0,27			1,5	

08/06/2016	16:06:05,33	46,0253	11,7428	10,37	0,7		0	0	1	90	0	1	C	0,15	0	FONZASO (BL)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e		2	16:06:11.15	31,2	334	15,32	2	108							0,2		-0,01	0,9	
DOSS	e		2	16:06:13.37	45,9	249	19,63	2	103							0		-0,02	1	

09/06/2016	02:51:22,84	45,8303	11,9323	10,74	0,8		0	0	1	90	0	1	C	0,08	0	ASOLO (TV)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
ZIAN	e		2	02:51:32.88	57,2	330				101						0,09			1,1		

09/06/2016	03:15:48,52	46,1881	12,1341	7,82	1,4		0	0	0,6	90	0	0,6	C	0,32	0	MONTE PELF (BL)			M 1.7(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e		2	03:15:56.35	45,1	283	62,76	2	100							0		0,3	1,4	
PANI	e		2	03:15:59.89	63,6	256			97							0,4			1,5	
DOSS	e		2	03:16:02.64	80,8	245			96							0,24			1,6	
GAGG	e		2	03:16:04.41	91,6	263			95							0,17			1,4	

09/06/2016	05:35:05,26	46,6456	11,0771	4,15	0,8		0	0	0,8	90	0	0,8	C	0,14	0	NATURNO (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL	e		2	05:35:10.20	27	184	13,77	2	99							0,27		0,19	1	
CARE	i	c	1	05:35:11.89	38,1	230	16,72	2	96							0,07		-0,21	1	

QUATERLY BULLETTIN *April-June 2016*

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

09/06/2016	12:01:47,63	,	,											10	PISA	M 3.3(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA		2		12:01:47.63			84,56	3							196					
DOSS		3		12:01:47.89			87,34	3							191					
RONC		3		12:01:50.30			88,64	3							195					
PANI		3		12:01:51.03			92,14	3							194					
GAGG		3		12:01:51.13											191					
ZIAN		3		12:01:54.06			88,69	3							196					
OZOL		3		12:01:56.17											192					
CARE		3		12:01:56.66											192					

09/06/2016	15:31:49,80	46,1393	11,1930	7,49	1		0	0	1	90	0	1	C	0,09	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:31:52.65	14,7	132				117						0,03			1,1	
GAGG	e		2	15:31:53.21	19,1	251				111						-0,1			0,9	
DOSS	e	c	2	15:31:54.88	28,8	181				105						-0,01			1	
CARE	e		2	15:31:58.40	49,6	310				99						0,02			1	

11/06/2016	03:17:27,74	,	,											0	VARA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	d	1	03:17:27.74			29,4	1							28					

11/06/2016	03:22:19,78	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	03:22:19.78			20,54	0							34					

11/06/2016	03:50:11,60	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	03:50:11.60			12,35	1							28					

11/06/2016	03:57:05,97	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	d	1	03:57:05.97			6,73	1							29					

11/06/2016	07:32:43,46	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	0	07:32:43.46			44,22	1							28					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

12/06/2016	07:42:50,53	,	,											10	PARMA	M 3.1(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	i	c	1	07:42:50.53			70,06	2							188					
RONC			2	07:42:52.02			73,05	2							187					
DOSS			1	07:42:52.23			73,93	1							186					
GAGG	i	c	1	07:42:54.12			75,02	2							186					
PANI	e	c	2	07:42:54.98			79,4	2							186					
CARE	i	c	1	07:42:58.75			82,67	2							187					
OZOL	i	c	1	07:42:59.20			83,73	2							185					
ZIAN			2	07:42:59.39			86,41	3							185					

12/06/2016	12:50:46,50	46,0021	11,8036	7,68	1,1		0	0	0,4	90	0	0,4	B	0,12	0	FONZASO (BL)			M 1.2 (O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e		2	12:50:52.70	35,7	329	57,48	2	102							-0,04		-0,13	1,2	
PANI	e		2	12:50:52.90	36,7	278	57,83	2	102							-0,01		-0,08	1,1	

12/06/2016	22:51:57,40	45,8608	12,1233	16,38	1,2		0	0	2	90	0	2	C	0,14	0	PIEVE DI SOLIGO (TV)			M 1.6(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	22:52:09.03	64,7	289				104						0,22			1,4	

13/06/2016	04:15:27,57	46,6479	11,0723	1,19	0,9		0	0	0,2	90	0	0,2	C	0,1	0	NATURNO (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL	e		2	04:15:32.33	27,2	183	36,01	2	92							0,1		0,15	1,1	
CARE	i	c	1	04:15:34.11	38	229	39,06	2	92							0,04		-0,08	0	
ZIAN	e		2	04:15:37.06	55,9	138			91							-0,07			1,1	
PANI	e		2	04:15:39.52	69,4	163			91							0,09			1,4	

13/06/2016	07:12:17,82	,	,											10	COSTA MARCH. PESAR.		M 2.6(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			3	07:12:17.82			46,14	3												
VARA			3	07:12:18.74			45,89	3												
PANI			2	07:12:19.17			46,18	2												
ZIAN			3	07:12:21.42																
GAGG			3	07:12:22.19			51,09	3												
RONC			3	07:12:22.85			52,7	3												
OZOL			3	07:12:25.57			56,86	3												

13/06/2016	14:40:34,34	,	,											1	PANI,DOSS	EXPL??				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	14:40:34.34			36,28	1							36					
DOSS			2	14:40:36.93			40,96	2							38					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

13/06/2016	16:16:38,23	,	,											10	MODENA	M 2.4(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			3	19:16:38.23			62,54	3							134					
VARA			3	19:16:38.91			60,71	3							134					
PANI			3	19:16:40.84			68,05	3							132					
RONC			3	19:16:41.41			65,97	3							132					
GAGG			3	19:16:42.76			68,73	3							133					
ZIAN	e	c	2	19:16:44.81			70,28	3							134					
OZOL			3	19:16:46.91			70,96	3							131					

14/06/2016	12:11:19,29	46,6541	11,0730	4,01	0,8		0	0	0,6	90	0	0,6	C	0,07	0	NATURNO (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZOL	e		2	12:11:24.30	27,9	183	27,89	2	98							0,18		0,01	0,9	
CARE	i	c	1	12:11:25.92	38,5	228	31,01	2	96							0,01		-0,06	0	

15/06/2016	00:36:21,25	46,0640	10,5316	2,88	1,4		0	0	0,5	90	0	0,5	B	0,12	0	VALDAONE (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	00:36:23.31	11,6	143	25,02	2	104							0,01		0,12	1,8	
GAGG	e		2	00:36:26.97	33,1	86	31,42	2	95							0,04		0,06	0	
CARE	e		2	00:36:28.55	42,1	18	33,84	2	94							0,09		-0,24	1,2	

15/06/2016	02:28:02,07	,	,											10	MILANO	M 2.6(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e	c	1	02:28:02.07			17,85	1							143					
VARA			3	02:28:04.80			22,25	2							144					
GAGG			3	02:28:06.55			25,68	3							145					
CARE			2	02:28:06.99			26,59	2							144					
DOSS			2	02:28:08.67			28,28	3							145					
OZOL			3	02:28:10.17			32,11	2							144					
PANI	e	c	2	02:28:11.23			31,79	2							144					
ZIAN			3	02:28:12.09			38,98	3							146					

15/06/2016	08:01:51,82	45,6725	10,3670	21,17	1		0	0	4,59	90	0	4,59	D	0,08	0	VESTONE (BS)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	e		2	08:01:59.57	39,6	30				118						0,08			0,9		

15/06/2016	10:19:38,09	46,1384	11,1846	2,83	0,9		0	0	0,1	90	0	0,1	C	0,01	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	10:19:40.72	15,2	130				101						-0,01			1	
GAGG	e		2	10:19:41.29	18,5	251				99						0			0,8	
DOSS	e		2	10:19:43.01	28,7	179				96						-0,02			0,9	
ZIAN	e		2	10:19:43.75	33	62				95						0			1	

15/06/2016	10:25:27,68	46,1448	11,1765	3,15	1,1		0	0	0,6	90	0	0,6	C	0,08	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	1	10:25:30.39	16,1	131				101						-0,09			1,2		
GAGG	i	c	2	10:25:30.81	18,2	248				100						-0,02			0,9		
ZIAN	e		2	10:25:33.30	33,2	64				95						-0,08			1,1		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

15/06/2016	13:50:28,33	45,7846	11,3128	14,67	1,3		0	0	2,6	90	0	2,6	D	0,14	0	POSINA (VI)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	i	c	1	13:50:31.93	14,3	318	34,76	2	136							0,09		0,19	1	
VARA	e		2	13:50:34.73	32,7	278			114							0,27			1,6	
GAGG	e		2	13:50:36.07	43,1	320	41,95	2	109							-0,05		-0,24	1,6	

15/06/2016	15:33:38,31	46,1448	11,1826	7	0,8		0	0	0	90	0	0	C	0,02	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15:33:41.26	15,7	132				114						0,01			0,8	
GAGG	e		2	15:33:41.69	18,6	249				111						-0,02			0,7	
DOSS	e		2	15:33:43.46	29,4	179				103						-0,02			0,9	

15/06/2016	18:14:10,59	,	,											10	REGGIO EMILIA	M 2.4(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			3	18:14:10.59			29,48	3							132					
DOSS	i	c	2	18:14:11.04			33,46	3							129					
RONC			3	18:14:12.68			33,37	3							131					
PANI	i	c	2	18:14:13.81			38,02	3							130					
GAGG			3	18:14:14.65			37,38	3							129					
ZIAN			3	18:14:17.94			42,33	3							131					

16/06/2016	07:08:35,36	,	,											10	PARMA	M 2.3(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			3	07:08:35.36			55,44	3							129					
RONC			3	07:08:36.91			56,52	3							129					
DOSS			3	07:08:36.98			58,69	3							129					
GAGG			3	07:08:38.65			59,63	3							128					

16/06/2016	08:58:01,70	45,7046	10,1921	42,83	1,4		0	0	6	90	0	6	D	0,15	0	GARDONE VALTR. (BS)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	08:58:11.62	45,4	47	19,04	3	117							0,13		-0,08	1,5	

16/06/2016	15:26:52,16	46,1361	11,1823	5,77	1,3		0	0	0,2	90	0	0,2	B	0,04	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15:26:54.94	15,1	129				111						0,01			1,2	
GAGG	e	c	2	15:26:55.38	18,3	251				108						-0,05			1,3	
DOSS	i	c	2	15:26:57.14	28,5	179				101						0,02			1,2	
OZOL	e		2	15:26:57.61	31,4	341				100						0			1,3	
ZIAN	e		2	15:26:57.97	33,3	62				100						0,04			1,2	
CARE	e		2	15:27:00.63	49,2	311				97						0			1,3	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

16/06/2016	15:42:27,85	46,1419	11,1836	1,45	1,5		0	0	0,4	90	0	0,4	C	0,15	2	ALBIANO (TN)			EXPL? M 1.8(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	2	15:42:30.45	15,5	131				95						-0,06			1,6		
GAGG	i	c	2	15:42:30.97	18,6	250				94						-0,07			1,5		
DOSS	i	c	1	15:42:32.69	29,1	179				93						-0,15			1,5		
OZOL	e		2	15:42:33.12	30,8	341				93						0			1,6		
ZIAN	e	c	2	15:42:33.45	32,9	63				93						-0,03			1,3		
VARA	e		2	15:42:35.02	41,6	212				92						0,05			1,7		
RONC	e		2	15:42:35.99	46,9	248				92						0,11			1,4		
CARE	e		2	15:42:36.18	48,9	310				92						-0,04			1,3		

16/06/2016	16:11:38,14	46,1419	11,1855	3,64	1,2		0	0	0,7	90	0	0,7	C	0,09	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	16:11:40.84	15,4	131				103						0,01			1,2	
GAGG	i	c	2	16:11:41.31	18,7	250				101						-0,08			1,1	
RONC	e		2	16:11:46.43	47,1	248				94						0,22			1,2	
CARE	e		2	16:11:46.48	49	310				94						-0,06			0	

16/06/2016	16:22:04,58	46,1323	11,1830	6,46	1,3		0	0	0,3	90	0	0,3	B	0,06	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	16:22:07.30	14,8	128				114						-0,05			1,2	
GAGG	i	c	2	16:22:07.87	18,2	253				110						-0,01			1,2	
DOSS	i	c	1	16:22:09.52	28,1	179				103						0,02			1,2	
OZOL	e		2	16:22:10.11	31,8	341				101						-0,01			1,3	
ZIAN	i	c	1	16:22:10.35	33,4	61				101						-0,05			1,2	
CARE	e	c	2	16:22:13.10	49,6	311				97						-0,02			0	

17/06/2016	01:11:33,53	46,4040	10,0770	11,38	1		0	0	1,7	90	0	1,7	C	0,17	0	VAL POSCHIAVO [CH]				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	01:11:41.78	47,7	87	48,14	3	103							-0,14		-0,33	0	
RONC	e		2	01:11:44.59	63,2	138				100						0,09			0	

17/06/2016	02:01:31,59	,	,											10	MODENA				M 2.2(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARA			3	02:01:31.59			46,66	2							124							
DOSS			2	02:01:31.82			47,75	2							122							
RONC			3	02:01:34.33			51,62	3							123							
GAGG	e	c	2	02:01:35.23			52,76	1							123							
ZIAN			3	02:01:38.80			58,53	2							126							
OZOL			3	02:01:40.57			61,82	3							123							

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

17/06/2016	02:30:51,34	,	,											10	PIACENZA				M 2.9(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARA	e	c	2	02:30:51.34			68,59	2														
RONC	e	c	2	02:30:51.93			70,08	1														
DOSS	e	c	2	02:30:53.45			73,1	2														
GAGG			2	02:30:54.53			73,47	3														
PANI	e	c	2	02:30:56.41			77,49	3														
CARE	i	c	2	02:30:58.51			82,49	2														
OZOL	e	c	2	02:30:59.62			83,09	3														
ZIAN	i	c	2	02:31:00.64			23,57	2														

17/06/2016	14:11:22,82	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE			2	14:11:22.82			23,72	2							22					

18/06/2016	10:27:34,70	,	,											0	RONC					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC			2	10:27:34.70			37,07	2							31					

18/06/2016	20:34:30,73	,	,											10	PARMA				M 2.2(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARA			2	20:34:30.73			50,32	3							126							
RONC			2	20:34:32.26			51,95	3							124							
DOSS			2	20:34:32.33			53,95	3							125							
GAGG			3	20:34:34.12			55,1	3							124							
PANI			3	20:34:35.28			59,64	3							124							
OZOL			3	20:34:39.18			63,79	2							123							
ZIAN			3	20:34:39.79			65,32	3							126							

19/06/2016	20:38:40,11	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	20:38:40.11			41,69	1							25					

19/06/2016	20:40:28,75	,	,											0	CARE,OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	20:40:28.75			30,33	1							32					
OZOL	i	d	2	20:40:30.47			33,33	2							32					

19/06/2016	21:12:11,77	,	,											0	CARE,OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	21:12:11.77			13,41	1							28					
OZOL	i	d	2	21:12:13.51			16,66	2							28					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

20/06/2016	02:38:04.95	,	,											0	CARE,OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	c	1	02:38:04.95			6,52	1							29					
OZOL	i	c	1	02:38:06.62			9,51	1							30					

20/06/2016	03:34:06,44	,	,											0	VARA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			2	03:34:06.44			6,9	2							14					

20/06/2016	03:34:20,29	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE			2	03:34:20.29			21,9	2							26					

20/06/2016	03:48:22.92	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	03:48:22.92			24,51	1							28					

20/06/2016	03:49:30,67	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	0	03:49:30.67			32,25	1							24					

20/06/2016	09:48:54,84	46,0651	10,5233	3,85	1,1		0	0	0,7	90	0	0,7	C	0,16	0	VALDAONE (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
RONC	e		2	09:48:57.14	12,1	141	58,73	2	108							0,12		0,02	1,7		
GAGG	e		1	09:49:00.67	33,7	87	5,16	2	97							0,02		-0,01	0		
CARE	e	d	1	09:49:02.25	42,1	19	7,4	2	95							0,17		-0,32	0		

20/06/2016	10:10:31,09	46,1850	11,1966	0,35	0,9		0	0	0,4	90	0	0,4	C	0,1	2	CEMBRA LISIGN. (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	2	10:10:34.19	18,3	144				91						-0,03			0,9	
GAGG	e		2	10:10:34.84	21,6	238				91						0,06			0,8	
OZOL	e		2	10:10:35.66	26,7	335				91						0,01			0,8	
ZIAN	i	c	2	10:10:36.13	30	70				91						-0,09			0,9	
DOSS	e	c	1	10:10:36.83	33,9	181				91						-0,05			0,9	
CARE	e	c	2	10:10:39.08	46,8	305				90						0			0	

20/06/2016	13:06:12,77	,	,											0	RONC							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
RONC	i	d	1	13:06:12.77			14,27	1							28							

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

21/06/2016	00:55:46,82	46,0014	12,2253	13,83	2,5		0	0	0,4	90	0	0,4	B	0,19	0	COL VISENTIN (TV)			M 3.0(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN	e	c	2	00:55:57.14	59,6	301				103						-0,14			2,5	
PANI	e		2	00:55:59.14	69,2	275				101						0,26			2,4	
DOSS	e		2	00:56:00.98	81,5	260				100						0,02			2,7	
GAGG	e		2	00:56:04.08	98,5	275				98						0,26			2,8	

21/06/2016	07:34:57,45	45,8905	11,6060	15,63	1,5		0	0	1,1	90	0	1,1	C	0,33	0	VALSTAGNA (VI)			M 1.5(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	d	1	07:35:03.10	27,6	310	6,89	3	120							0,23		-0,2	1,3	
DOSS	i	d	1	07:35:03.68	32,4	268	7,77	2	116							0,08		-0,63	1,6	
ZIAN	e		2	07:35:05.50	43	356	10,84	2	110							0,22		-0,54	1,4	
GAGG	e		2	07:35:07.22	54,6	293			106							0,07			1,7	
VARA	e		2	07:35:07.30	55,6	263			106							-0,02			0	
OZOL	e		2	07:35:11.33	71,3	323			102							1,4			1,8	

21/06/2016	08:03:15,81	45,6990	10,3498	17,48	1,1		0	0	2,5	90	0	2,5	C	0,15	0	VESTONE (BS)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	08:03:23.19	37,8	34	28,36	3	115							0,26		-0,13	1,1	

21/06/2016	15:30:07,43	46,1348	11,1851	7,25	1,2		0	0	0,4	90	0	0,4	B	0,05	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	15:30:10.23	14,9	129				116						-0,02			1,2	
GAGG	i	c	1	15:30:10.76	18,4	252				111						-0,05			1,3	
DOSS	i	c	2	15:30:12.42	28,3	179				104						-0,01			1,1	
CARE	e		2	15:30:15.99	49,5	311				98						0,01			0	

21/06/2016	18:15:49,03	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	c	1	18:15:49.03			50,17	1							32					

21/06/2016	20:13:53,56	45,9563	11,8756		4,88	0,9		0	0	0,5	90	0	0,5	B	0,09	0	SEREN D. GRAPPA (BL)			M 1.1(O)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
ZIAN	e		2	20:14:01.01	43	326	6,87	2	96							0,05		0,14	1		
DOSS	e		2	20:14:02.90	54	261			95							0,08			1,1		

22/06/2016	00:17:36,94	45,6030	10,9806	12,51	0,8		0	0	0,5	90	0	0,5	C	0,11	0	BOSCOCHIESAN. (VR)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VARA	e		2	00:17:41.95	25,6	345	45,4	2	116							0,13		-0,22	0		
DOSS	e		2	00:17:43.35	34,8	28	48,18	2	110							0,09		-0,01	0,7		

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

23/06/2016	09:55:47,53	46,1315	11,1851	6,42	1		0	0	0,3	90	0	0,3	C	0,05	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	09:55:50.28	14,6	128				114						0,02			0,9	
GAGG	i	c	2	09:55:50.78	18,3	253				109						-0,07			1	
DOSS	i	c	1	09:55:52.44	28	179				103						0,01			0,9	
OZOL	e		2	09:55:53.10	31,9	341				101						0			1	
ZIAN	e		2	09:55:53.20	33,3	61				101						-0,13			1	
CARE	e		2	09:55:56.08	49,7	311				97						-0,02			0	

23/06/2016	14:38:29,10	,	,											10	LA SPEZIA				M 3.7(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARA	i	c	1	14:38:29.10			56	2							262							
RONC	e	c	2	14:38:30.11			55,79	3							261							
DOSS	e	c	1	14:38:30.82			58,41	3							255							
GAGG	i	c	1	14:38:32.68			59,8	3							256							
PANI	i	c	2	14:38:33.63			60,91	3							259							
CARE	i	c	1	14:38:36.95			66,72	2							258							
OZOL	i	c	1	14:38:37.65			68,24	2							257							
ZIAN	e	c	2	14:38:37.68			69,69	2							263							

23/06/2016	15:37:45,67	,	,											10	SIENA	M 2.9(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS			3	15:37:45.67											176					
VARA			3	15:37:45.85											178					
RONC			3	15:37:48.69											177					
PANI			3	15:37:49.36											176					
GAGG			3	15:37:50.05											176					
ZIAN			3	15:37:52.12											178					
OZOL			3	15:37:54.43			91,83	3							174					
CARE			3	15:37:54.96											173					

24/06/2016	04:12:58,46	,	,											10	SION [CH]			M 3.2(S)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC			3	04:12:58.46			88,34	3							176					
CARE	i	d	2	04:12:59.20			88,77	2							168					
GAGG			3	04:13:01.84			33,7	3							173					
OZOL			3	04:13:03.23			36,76	3							172					
PANI			3	04:13:03.84			38,9	3							173					
VARA			3	04:13:03.98			33,28	3							175					
DOSS			3	04:13:06.99			38,96	3							170					
ZIAN			3	04:13:10.91											175					

24/06/2016	07:35:28,99	45,4956	10,2536	8,18	1,4		0	0	2,9	90	0	2,9	D	0,18	0	CASTENEDOLO (BS)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	07:35:39.44	61,1	28				98						-0,09			1,5	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

24/06/2016	13:50:14,34	46,4396	10,5393	4,96	1,1		0	0	0,6	90	0	0,6	C	0,17	0	IL GRAN ZEBRU' (SO)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	i	c	1	13:50:16.72	12,3	98	18,34	1	112							0,12		-0,02	0,7		
GAGG	e		2	13:50:23.34	51,1	141	29,51	2	96							0,22		-0,45	0		
RONC	e		2	13:50:23.39	51,4	173	29,97	2	96							0,22		-0,08	1,3		

24/06/2016	15:40:29,85	46,1358	11,1843	3,22	0,9		0	0	0,1	90	0	0,1	C	0,01	2	ALBIANO (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	1	15:40:32.47	15	129				102						0			0,9		
GAGG	e	c	2	15:40:33.04	18,4	252				100						0			0,7		
DOSS	e		2	15:40:34.73	28,4	179				96						-0,01			1		

24/06/2016	15:40:58,11	46,1315	11,1841	4,59	0,9		0	0	0,2	90	0	0,2	B	0,03	2	ALBIANO (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:41:00.76	14,7	128				107						0,02			0,9	
GAGG	i	c	1	15:41:01.28	18,2	253				104						-0,04			0,9	
DOSS	e	c	2	15:41:02.94	28	179				99						-0,01			1	
OZOL	e		2	15:41:03.66	31,9	341				98						0,04			1	
ZIAN	e		2	15:41:03.85	33,4	61				98						-0,02			1	

24/06/2016	21:40:44,90	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	21:40:44.90			46,16	1							22					

25/06/2016	01:13:36,74	,	,											10	ANCONA				M 3.2(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
DOSS			3	01:13:36.74			68,44	3							198							
VARA			3	01:13:38.20			69,57	2							201							
PANI	e	c	2	01:13:38.42			70,93	2							198							
ZIAN	e	c	2	01:13:40.07			72,82	3							201							
GAGG			3	01:13:40.80			75,48	3							197							
RONC			2	01:13:41.64			75,66	2							199							
OZOL			2	01:13:43.87			80,89	2							197							
CARE			3	01:13:46.65			84,61	3							195							

25/06/2016	11:01:58,28	,	,											10	BARCIS (PN)			M 2.5(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
ZIAN			3	11:01:58.28											120					
PANI	e	c	2	11:02:02.22			15,56	3							117					
DOSS			2	11:02:04.16			17,79	3							114					
OZOL			3	11:02:06.03			21,49	3							116					
GAGG			3	11:02:06.57			21,92	3							115					
VARA			3	11:02:08.19			26,39	2							120					
CARE			3	11:02:10.52			28,27	3							114					
RONC			3	11:02:11.41			29,98	3							118					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS						RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q			

25/06/2016	17:47:23,83	46,5703	10,3866	7,2	1,2		0	0	0,5	90	0	0,5	B	0,17	0	GIOGO S. MARIA (SO)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	i	d	1	17:47:28.89	28,8	124	32,53	2	104							-0,02		-0,35	0		
OZOL	e		2	17:47:33.23	54,3	110			98							0,03			1,4		
RONC	e		2	17:47:35.58	68	164			96							0,06			1,4		

25/06/2016	20:42:11,07	45,7753	11,2883	7,85	1,1		0	0	0,6	90	0	0,6	B	0,22	0	POSINA (VI)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DOSS	i	c	1	20:42:14.27	14	326	16,48	2	119							0,46		0,53	1,4		
VARA	i	c	1	20:42:16.66	31	280	20,64	2	104							0,12		-0,16	1,2		
PANI	i	d	1	20:42:16.80	30,8	7	20,81	2	104							0,28		0,06	0,8		
GAGG	e		2	20:42:18.67	42,7	323	23,92	2	100							0,17		-0,38	1,1		
ZIAN	e	d	1	20:42:21.41	59,6	21			97							0,06			1,3		

26/06/2016	01:26:11,85	,	,											0	VARA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA	e	d	1	01:26:11.85			12,91	2							30					

26/06/2016	11:24:15,04	45,7780	11,2501	9,55	1		0	0	0,5	90	0	0,5	C	0,16	0	POSINA (VI)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	i	d	1	11:24:17.97	12,3	337	19,99	2	128							0,27		0,21	0,9	
VARA	i	c	1	11:24:20.14	28	281	23,93	2	109							0,04		-0,11	0,9	
PANI	e	d	2	11:24:20.92	31	12			107							0,33			1	
GAGG	e		2	11:24:22.53	40,8	326	27,44	2	103							0,33		-0,35	1	
ZIAN	e	d	1	11:24:25.74	60,5	24			99							0,24			1,2	

26/06/2016	20:49:08,07	45,7770	10,6533	1,94	0,8		0	0	1,6	90	0	1,6	C	0,11	0	VALVESTINO (BS)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RONC	e		2	20:49:11.86	22,8	354	15,2	2	95							-0,11		0,18	0,9	

27/06/2016	03:09:47,99	46,7671	10,3613	1,01	1		0	0	0,5	90	0	0,5	C	0,17	0	CIMA DI GRION (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	03:09:55.89	46	146	61,71	2	91							0,04		-0,27	0	

27/06/2016	04:38:52,79	46,7690	10,3558	2,8	1		0	0	0,4	90	0	0,4	C	0,11	0	CIMA DI GRION (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	04:39:00.70	46,4	146	6,9	3	93							-0,03		-0,02	0	

27/06/2016	10:15:50,66	46,1831	11,2011	6,86	0,9		0	0	0,2	90	0	0,2	B	0,03	2	CEMBRA LISIGN. (TN)		EXPL?		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	2	10:15:53.95	18	145				111						0			0,9	
GAGG	i	c	1	10:15:54.56	21,8	239				107						0			1,1	
OZOL	e		2	10:15:55.38	27	335				104						-0,05			0,9	
ZIAN	i	c	1	10:15:55.89	29,8	70				103						0			0,9	
DOSS	e		2	10:15:56.57	33,7	182				101						0,03			1,1	
CARE	e		2	10:15:58.82	47,2	305				98						0,01			0	

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

27/06/2016	10:51:39,70	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	c	2	10:51:39.70			42,35	3							29					

27/06/2016	11:02:54,71	46,5260	10,4623	6,63	0,9		0	0	0,5	90	0	0,5	B	0,08	0	GIOGO STELVIO (BZ)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		2	11:02:58.70	21,3	122	61,34	2	107							0,18		-0,16	0		

27/06/2016	14:27:03,55	46,1093	11,2516	7,91	0,9		0	0	1,1	90	0	1,1	B	0,14	2	BASELGA DI P. (TN)		EXPL?		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	1	14:27:05.64	9,1	135				131						0,02			0,7	
GAGG	e		2	14:27:07.38	22,8	263				109						-0,3			0,9	
DOSS	i	c	2	14:27:08.31	25,9	191				107						0,12			0,9	
ZIAN	e		2	14:27:08.97	30,4	52				105						0,05			1	
OZOL	e		2	14:27:10.01	36,1	335				102						0,13			1,2	

27/06/2016	22:02:43,56	,	,											10	SAN PROSPERO (MO)		M 2.0(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARA			3	22:02:43.56			58,07	3							114					
DOSS			3	22:02:45.01			60,63	2							113					
RONC			3	22:02:46.50			63,35	3							112					
GAGG			3	22:02:47.97			65,7	3							111					
PANI			3	22:02:48.30			65,79	3							111					
ZIAN			3	22:02:52.77			73,49	3							115					

28/06/2016	18:19:06,94	46,6179	10,6775	8,21	1,2		0	0	1,1	90	0	1,1	B	0,27	0	LASA (BZ)							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
CARE	e	c	1	18:19:11.07	21,6	176	13,69	2	111							0,19		-0,27	0				
OZOL	e		2	18:19:13.76	37,3	130	18,45	3	102							0,28		-0,12	1				
ZIAN	e		2	18:19:20.59	77,9	119				96						0,25			1,5				

29/06/2016	01:07:15,13	45,7655	11,0785	7,15	0,3		0	0	0,1	90	0	0,1	B	0,01	0	ALA (TN)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DOSS	e		2	01:07:18.04	15,3	34	20,27	2	115							0,01		-0,01	0,3	
VARA	e		2	01:07:18.08	15,7	295	20,37	2	115							0		0	0	

29/06/2016	07:48:29,80	,	,											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	d	1	07:48:29.80			31,64	1							29					

QUATERLY BULLETTIN April-June 2016

DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

29/06/2016	11:31:36,94	,	,											10	CREMONA				M 2.2(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARA			2	11:31:36.94			48,23	2							112							
RONC			2	11:31:37.66			50,09	1							112							
DOSS	e	c	2	11:31:39.19			53,81	2							111							
GAGG	e	c	2	11:31:40.32			54,28	3							112							
PANI			3	11:31:42.12			56,75	3							111							
CARE	e	c	2	11:31:44.32			63,06	3							111							
OZOL			2	11:31:45.36			65,93	3							111							
ZIAN	i	c	2	11:31:46.32			63,74	3							111							

29/06/2016	21:39:26,70	46,5708	10,3873	8,42	1,7		0	0	0,6	90	0	0,6	B	0,23	0	GIOGO S. MARIA (SO)		M 2.1(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e		2	21:39:31.88	28,8	124	35,51	2	106							0,04		-0,33	1,1	
OZOL	e		2	21:39:36.18	54,3	110			99							0,08			2	
RONC	e		2	21:39:38.59	68	165			97							0,17			2,1	
GAGG	e		2	21:39:38.89	69,8	141			97							0,17			1,5	

29/06/2016	21:43:17,79	46,5688	10,3845	8,86	1,8		0	0	0,5	90	0	0,5	B	0,21	0	GIOGO S. MARIA (SO)				M 2.2(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
CARE	e		1	21:43:22.99	28,9	124	26,62	2	107							0,04		-0,36	1,4				
OZOL	e	c	1	21:43:27.33	54,4	110			99							0,12			2,2				
RONC	i	c	1	21:43:29.65	67,9	164			97							0,16			2,2				
GAGG	e		2	21:43:29.97	69,8	141			97							0,16			1,8				
PANI	e		2	21:43:34.24	93,1	128			95							0,46			2				
ZIAN	e		2	21:43:34.52	96,3	110			95							0,21			1,9				
DOSS	e		2	21:43:34.81	98,6	141			95							0,11			1,9				

30/06/2016	01:45:49.02	,	,											10	PARMA				M 2.2(I)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARA	e	c	2	01:45:49.02			68,68	2							134							
RONC			2	01:45:50.65			70,66	3							132							
DOSS			2	01:45:50.80			72,36	2							128							
GAGG	e	c	2	01:45:52.59			73,41	3							129							
PANI			3	01:45:53.85			77,92	3							130							
OZOL	e	c	2	01:45:57.71			82,22	2							130							
ZIAN			2	01:45:58.14			83,21	3							135							

30/06/2016	08:33:09,86	,	,											0	CARE,OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	e	d	1	08:33:09.86			11,73	1							32					
OZOL	e	d	2	08:33:09.96			12,18	2							32					

30/06/2016	09:26:24,02	46,4708	10,8501	4,59	1		0	0	0,8	90	0	0,8	C	0,11	0	ULTIMO (BZ)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	i	c	1	09:26:26.24	12,8	246	28,29	2	110							-0,11		0,13	0	
OZOL	e		2	09:26:27.13	17,2	116	29,42	2	105							0,07		-0,02	1,2	

QUATERLY BULLETTIN April-June 2016

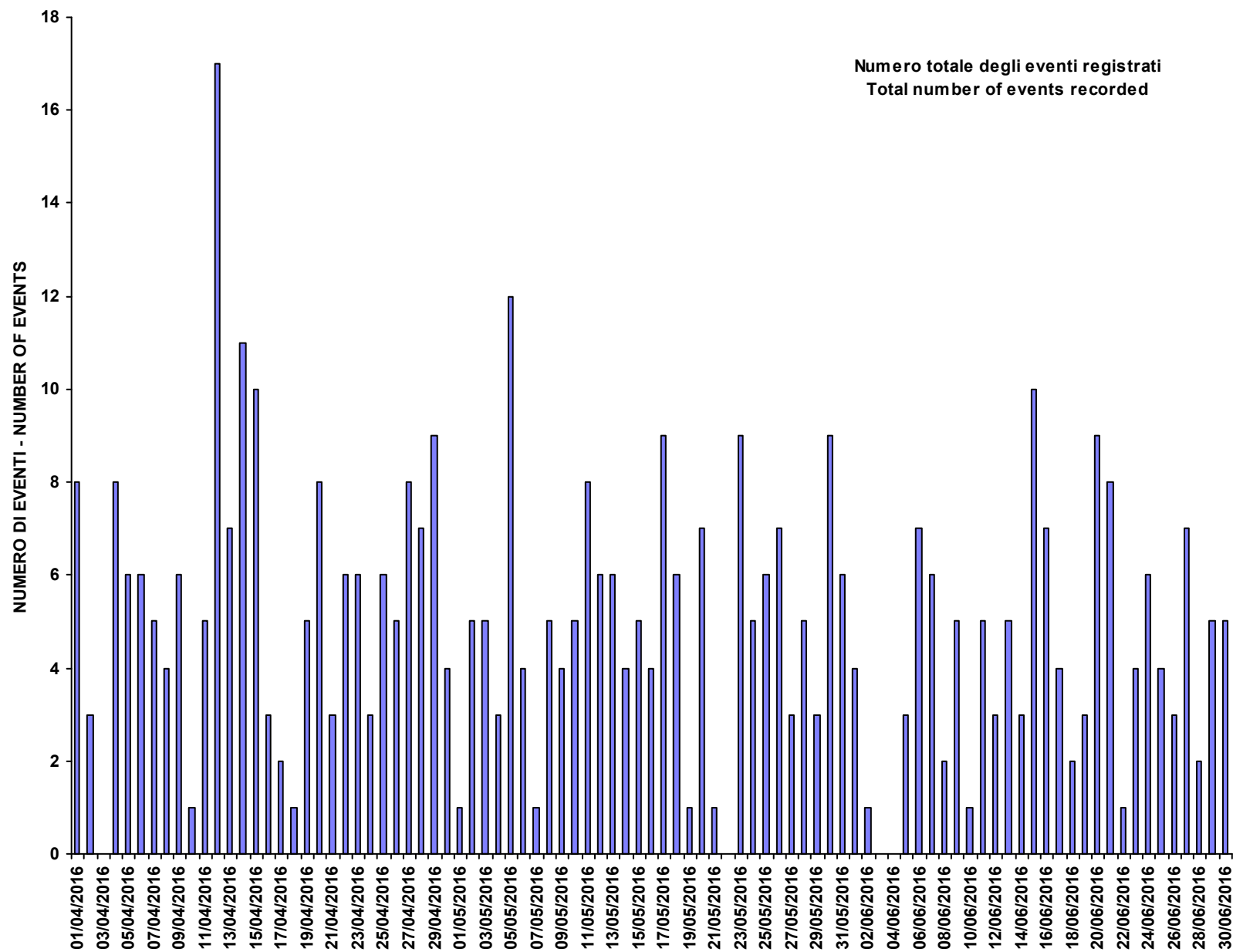
DATE	TIME	Geogr. Coord.		DEPTH	Magnitude		LOCATION ERRORS							RMS	TYPE	EPICENTRAL AREA	NOTES
DD-MM-YY	HH/MM/SS	LAT N	LON E	h (Km)	MA	MD	az1	dp1	se1	az2	dp2	se2	q				

30/06/2016	10:02:19,75	46,1393	11,2123	5,84	1		0	0	0,5	90	0	0,5	C	0,04	2	LONA-LASES (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	10:02:22.31	13,7	136				113						0,02			1,2	
GAGG	i	c	2	10:02:23.32	20,6	252				106						-0,09			0,8	
DOSS	i	c	2	10:02:24.79	28,9	184				101						0			1	
ZIAN	i	c	1	10:02:25.13	31,1	61				101						-0,02			1,1	

30/06/2016	15:48:16,42	46,1356	11,1793	2,88	1,3		0	0	0,5	90	0	0,5	C	0,12	2	ALBIANO (TN)	EXPL?			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	i	c	1	15:48:19.05	15,3	128				101						-0,03			1,4	
GAGG	i	c	2	15:48:19.55	18	251				99						0,01			1,5	
DOSS	i	c	1	15:48:21.22	28,4	179				96						-0,08			1,3	
ZIAN	i	c	1	15:48:22.13	33,5	62				95						-0,04			1,2	
VARA	e		2	15:48:23.19	40,8	212				94						-0,22			1	
CARE	e		2	15:48:24.86	49,1	311				93						0,03			1	

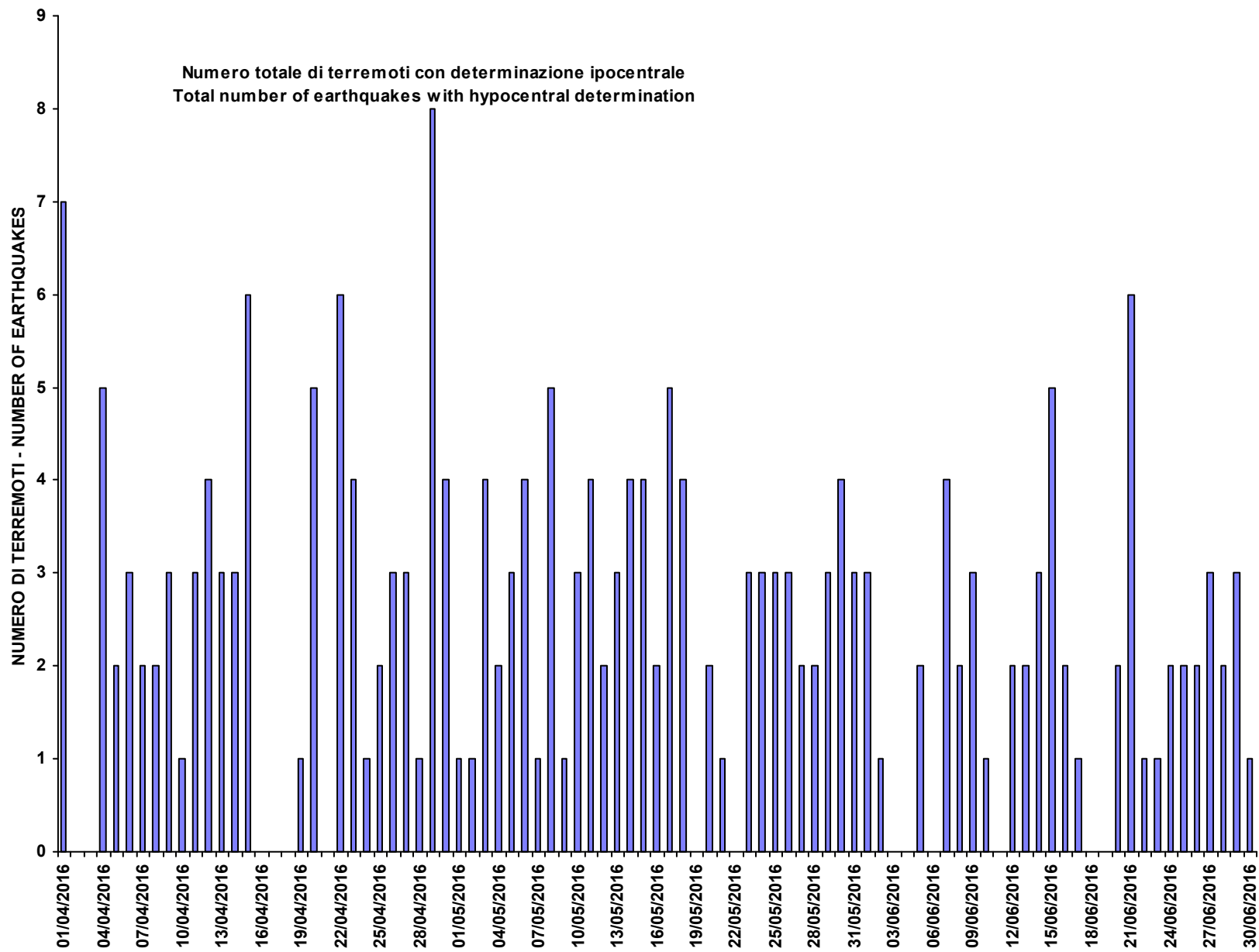
RETE SISMICA DEL TRENTINO ; PERIODO : APRILE - GIUGNO 2016

TRENTINO SEISMOMETRIC NETWORK ; PERIOD : APRIL - JUNE 2016



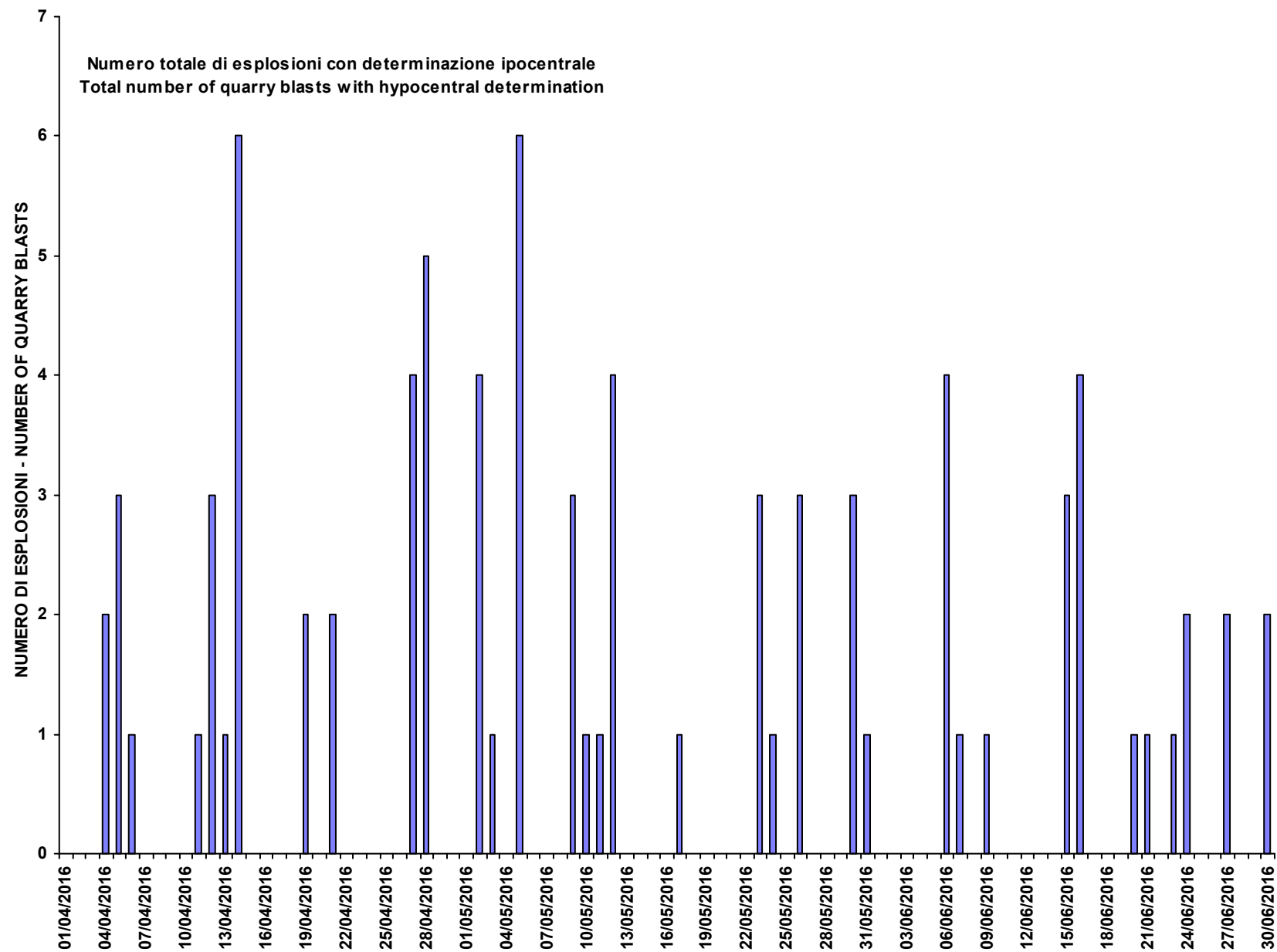
RETE SISMICA DEL TRENTINO ; PERIODO : APRILE - GIUGNO 2016

TRENTINO SEISMOMETRIC NETWORK ; PERIOD : APRIL - JUNE 2016



RETE SISMICA DEL TRENTINO ; PERIODO : APRILE - GIUGNO 2016

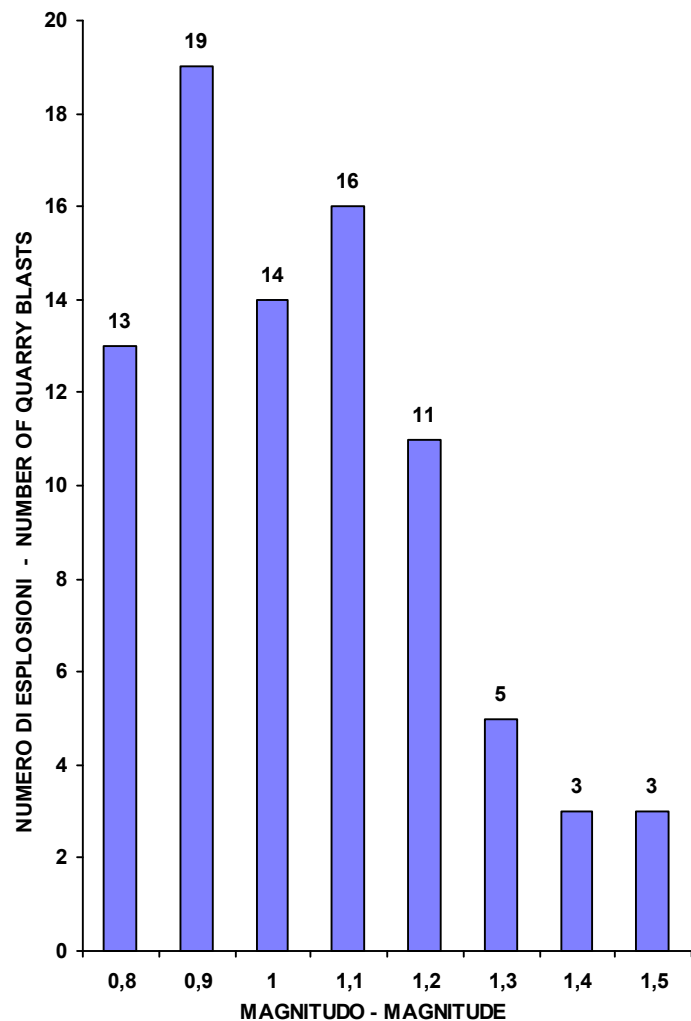
TRENTINO SEISMOMETRIC NETWORK ; PERIOD : APRIL - JUNE 2016



RETE SISMICA DEL TRENTINO ; PERIODO : APRILE - GIUGNO 2016

TRENTINO SEISMOMETRIC NETWORK ; PERIOD : APRIL - JUNE 2016

Numero di esplosioni in funzione della magnitudo
Number of quarry blasts versus magnitude



Numero di terremoti in funzione della magnitudo
Number of earthquakes versus magnitude

