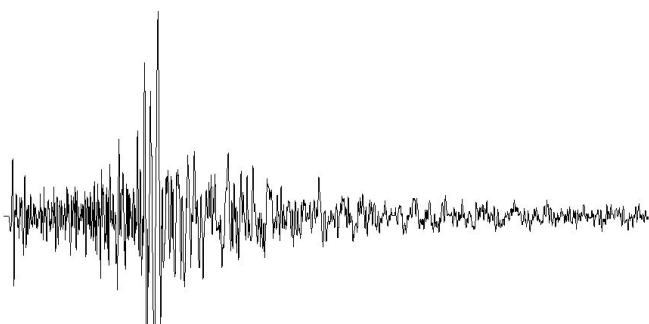
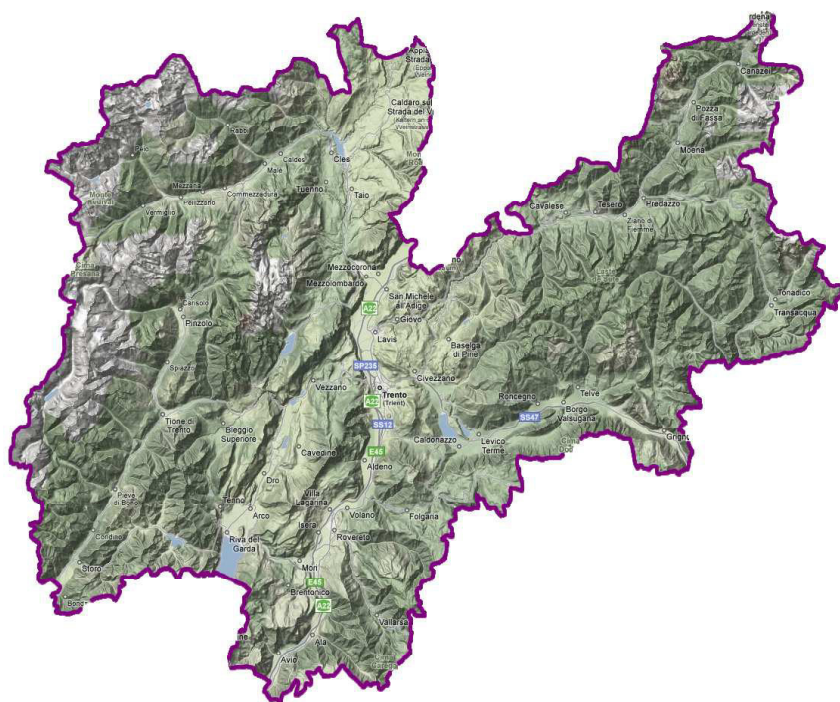




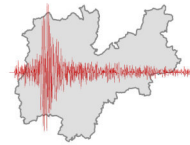
TRENTINO SEISMOMETRIC NETWORK

JANUARY
MARCH
2016





PROVINCIA AUTONOMA DI TRENTO
Servizio Geologico
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

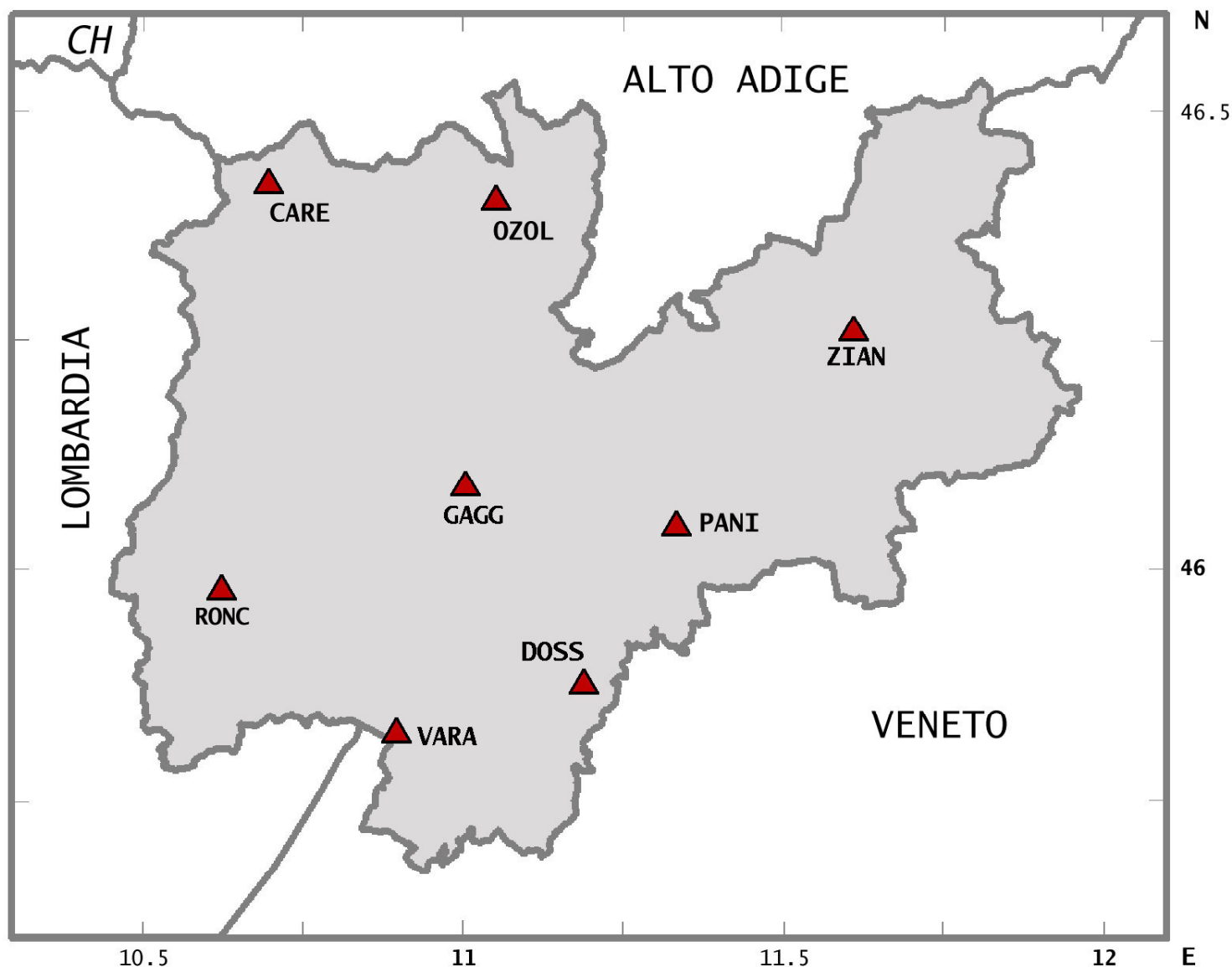
PROVINCIA AUTONOMA DI TRENTO

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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 *January-March 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							
01/01/2016	01:36:32,25	45,9785	10,8790	5,7	0,6		0	0	0,7	90	0	0,7	B	0,2	0	LOMASO (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	01:36:34.76	13,2	28	36,8	2	113							0,05		0,17	0	
VARA	e		2	01:36:35.04	17	175	37,91	3	109							-0,28		0,2	0	
RONC	e		2	01:36:35.46	19,9	271	38,6	2	106							-0,32		0,06	0,4	
DOSS	e		2	01:36:37.10	26,4	114	40,48	2	102							0,23		0,01	0	
01/01/2016	08:18:37,57	,	,											0	CARE			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
CARE	e	d	1	08:18:37.57			37,81	1												
01/01/2016	20:29:18,64	,	,											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	20:29:18.64			19,69	2							28					
01/01/2016	21:48:26,52	,	,											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	21:48:26.52			27,17	1							19					
01/01/2016	23:07:59,51	,	,											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	23:07:59.51			59,89	1							24					
02/01/2016	00:23:43,12	,	,											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	00:23:43.12			43,63	1							25					
02/01/2016	10:43:18,84	,	,											10	MUERREN [CH]			M 3.1(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			2	10:43:18.84			44,88	3							173					
RONC			2	10:43:20.11			45,05	3							172					
VARA			3	10:43:23.39			54,99	3							174					
GAGG			3	10:43:24.38			51,7	3							170					
OZOL			3	10:43:25.61			52,99	3							169					
DOSS			3	10:43:29.80			58,72	3							168					
03/01/2016	00:08:57,33	,	,											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	00:08:57.33			57,52	1							19					
03/01/2016	11:07:58,44	45,9983	10,6750	8,55	0,8		0	0	1,4	90	0	1,4	C	0,15	0	RONCONE (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	11:08:00.21	4,5	244	1,42	2	152							0,12		0,04	0,4	
GAGG	e		2	11:08:02.78	23,9	67	6,33	2	110							0		0,16	1,2	

QUATERLY BULLETTIN *January-March 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			

03/01/2016	11:57:24,70	,	,											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	e	d	1	11:57:24.70			26,27	2							23					

03/01/2016	14:15:16,92	46,0316	10,4790	7,41	0,4		0	0	0,3	90	0	0,3	C	0,01	0	MONTE ADAMELLO (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	d	2	14:15:19.41	12,5	117	21,33	2	121							0,01		-0,01	0,5	

03/01/2016	15:51:44,41	,	,											10	FORLI'-CESENA				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		
VARA	e	c	2	15:51:44.41			68,04	3							172							
DOSS			3	15:51:44.82			72,98	3							173							
PANI			3	15:51:46.69			71,25	2							171							
RONC			3	15:51:47.55			75,18	3							171							
GAGG			3	15:51:47.79			76,27	3							172							
ZIAN			3	15:51:49.16			76,15	3							174							
OZOL			3	15:51:52.51			83,05	3							171							
CARE			3	15:51:53.61			83,96	3							173							

03/01/2016	17:38:27,31	46,4128	10,5813	7,65	1,9		0	0	0,5	90	0	0,5	B	0,24	0	PEJO (TN)			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	i	c	1	17:38:29.49	9	82	30,74	2	130							0,16		-0,17	1,6		
OZOL	e	c	1	17:38:33.70	36,2	92	38,25	3	102							0,07		-0,31	2,2		
GAGG	e		2	17:38:35.67	46,8	142	41,45	2	99							0,26		-0,28	1,8		
RONC	e	d	2	17:38:35.95	48,1	176	41,84	2	99							0,31		-0,28	2,1		
PANI	e		3	17:38:39.39	70,7	125			96							-0,07			1,9		
DOSS	e		2	17:38:40.52	75,6	142			96							0,23			1,9		
ZIAN	e		2	17:38:40.56	77,1	101			96							0,01			1,7		

03/01/2016	17:47:20,42	46,4003	10,5738	3,75	0,9		0	0	0,8	90	0	0,8	B	0,13	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	i	d	1	17:47:22.27	9,9	74	23,61	2	111							0,05		-0,02	0		

04/01/2016	05:32:12,16	,	,											10	MONTARSO (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
OZOL			2	05:32:12.16			19,5	1							112					
CARE			2	05:32:13.26			22,93	3							111					
ZIAN	i	d	1	05:32:14.45			23,55	1							112					
GAGG			3	05:32:18.08			30,26	2							110					
PANI			3	05:32:18.23			29,93	2							110					
DOSS			3	05:32:21.39			34,97	1							109					
VARA			3	05:32:24.04			37,94	3							109					

04/01/2016	14:53:26,31	46,0643	10,5664	5,17	0,7		0	0	0,4	90	0	0,4	C	0,05	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		1	14:53:28.31	10,3	155	29,83	2	117							0,03		0,02	0,4		
GAGG	e		2	14:53:31.56	30,4	86	35,68	2	100							-0,02		-0,02	0		

QUATERLY BULLETTIN *January-March 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				

04/01/2016	20:11:03,50	,	,											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	20:11:03.50			4,16	1							22					

04/01/2016	21:44:06,31	46,0028	10,4276	2,6	1,1		0	0	1,9	90	0	1,9	D	0,12	0	CAPO DI PONTE (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	c	1	21:44:08.96	15,3	99	11	3	100							-0,01		-0,04	0,8	

05/01/2016	01:21:57,20	46,6471	10,2828	4,32	1,4		0	0	0,6	90	0	0,6	C	0,22	0	ACQUA DEL GALLO (SO)	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		2	01:22:04.17	40,3	128			96							0,04			0	
OZOL	e		2	01:22:08.43	64,9	115			94							0,11			1,4	

05/01/2016	02:15:33,08	46,6368	10,2713	6,73	1,6		0	0	1,1	90	0	1,1	C	0,22	0	ACQUA 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	02:15:40.21	40,3	126	45,04	3	99							0,15		-0,48	1,6	

05/01/2016	03:13:01,17	,	,											0	CARE		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
CARE			1	03:13:01.17			2,3	2												

05/01/2016	03:50:18,11	,	,											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			1	03:50:18.11			20,21	2							26					

05/01/2016	04:01:58,44	,	,											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			1	04:01:58.44			59,41	3							22					

05/01/2016	05:54:25,49	46,6373	10,2769	8,24	1,4		0	0	0,6	90	0	0,6	C	0,2	0	ACQUA DEL GALLO (SO)	M 1.1(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	05:54:32.55	40	126	37,25	2	102							0,08		-0,67	0	
RONC	e		2	05:54:39.04	77,7	160			96							0,2			1,5	

05/01/2016	10:24:34,29	,	,											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	10:24:34.29			36,36	2							27					

05/01/2016	15:09:17,77	,	,											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			1	15:09:17.77			18,92	1							26					

QUATERLY BULLETTIN *January-March 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				

05/01/2016	15:10:41,50	,	,											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		15:10:41.50			42,92	2							21					

05/01/2016	15:11:57,90	,	,											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		15:11:57.90			59,18	2							26					

05/01/2016	15:15:39,19	,	,											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		15:14:39.19			40,39	2							23					

05/01/2016	15:15:55,72	,	,											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		15:15:55.72			57,45	2							27					

05/01/2016	17:44:03,06	46,6381	10,2735	7,82	1		0	0	0,7	90	0	0,7	C	0,16	0	ACQUA 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		17:44:10.09	40,3	126				101						0,01			0		

06/01/2016	08:13:17,70	,	,											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		1		08:13:17.70			18,39	1							26					

06/01/2016	08:33:30,01	46,5858	12,3766	8,73	2,2		0	0	0,3	90	0	0,3	B	0,21	0	SESTO PUSTERIA (BZ)				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	e	c	2	08:33:42.21	71,4	241				97						-0,09			2		
PANI	e		2	08:33:47.01	99,9	233				95						-0,13			2,2		
OZOL	e		2	08:33:47.68	103,7	259				95						-0,12			2,2		
GAGG	e		2	08:33:50.76	122,6	243				94						-0,26			2,3		
CARE	e		2	08:33:52.20	130,1	262				59						-0,02			0		
VARA	e		2	08:33:53.90	142,1	234				59						-0,07			2,4		
RONC	e		2	08:33:55.68	151	244				59						0,4			2,5		

06/01/2016	08:37:15,44	,	,											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		08:37:15.44			17,27	2							28					

06/01/2016	08:38:59,45	46,4181	10,5881	6,87	1,2		0	0	0,7	90	0	0,7	B	0,3	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	08:39:01.47	8,4	85	2,76	2	129							0,16		0	0,5		
OZOL	e		2	08:39:05.82	35,7	93	10,61	2	101							0,16		0,11	1,4		
RONC	i	c	1	08:39:07.99	48,7	177	14,04	2	98							0,13		-0,38	1,1		

QUATERLY BULLETTIN *January-March 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				

06/01/2016	15:20:52.92		,		,											10	FORLI'-CESENA				M 3.0(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		
DOSS			3	15:20:52.92			77,95	3												170		
VARA	e	c	2	15:20:52.96			76,54	2												169		
PANI			2	15:20:54.93			79,79	2												170		
RONC	e	c	2	15:20:55.93			85,51	3												169		
GAGG	e	c	2	15:20:56.36			83,64	3												169		
ZIAN			2	15:20:57.68			84,86	2												172		
OZOL	e	c	2	15:21:01.09			31,73	3												167		
CARE	i	c	2	15:21:02.28			33,14	3												168		

06/01/2016	22:11:37,02	,	,											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	22:11:37.02			38,3	1							25					

06/01/2016	22:12:35,33	46,4144	10,5923	7,47	1,2		0	0	0,6	90	0	0,6	B	0,24	0	PEJO (TN)				M 2.1(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	i	d	1	22:12:37.44	8,1	82	38,73	2	133							0,22		0,04	0,7		
OZOL	e		2	22:12:41.79	35,3	92	46,32	3	102							0,28		0	1,3		
RONC	e		2	22:12:43.95	48,3	177	49,95	3	99							0,27		-0,24	1,1		

06/01/2016	22:52:55,72	46,6403	10,2728	2,21			0	0	0,5	90	0	0,5	C	0,11	0	ACQUA 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	22:53:02.80	40,4	126	7,82	2	93							0,15		-0,23	0	

06/01/2016	23:04:27,48	46,6388	10,2746	8,43	1,3		0	0	0,4	90	0	0,4	B	0,15	0	ACQUA 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	23:04:34.55	40,2	126	39,67	3	102							0,04		-0,32	0		
OZOL	e		2	23:04:38.79	65,1	114			97							0,08			1,4		
RONC	e		2	23:04:41.02	77,9	160			96							0,14			1,2		

06/01/2016	23:33:08,68	46,6400	10,2720	4,62	1		0	0	0,6	90	0	0,6	C	0,16	0	ACQUA 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	23:33:15.93	40,5	126	20,73	2	97							0,28		-0,35	0		

06/01/2016	23:38:49,27	46,1365	11,8525	6,76	0,7		0	0	0,7	90	0	0,7	C	0,08	0	MEZZANO (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
ZIAN	e		1	23:38:54.22	27,2	305	57,7	2	104							0,16		-0,1	0,8	

07/01/2016	03:01:58,79	46,6338	10,2653	8,88	1,2		0	0	0,7	90	0	0,7	C	0,17	0	ACQUA 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	03:02:05.83	40,5	125	11	3	102							-0,05		-0,4	1,4	

QUATERLY BULLETTIN *January-March 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				

07/01/2016	04:40:33,89	,	,											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	2	04:40:33.89			34,88	1												

07/01/2016	04:44:11,02	46,5586	10,4121	7,71	0,9		0	0	0,8	90	0	0,8	B	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	04:44:15.98	26,5	124	19,22	2	106							0,24		-0,19	1,3	

07/01/2016	04:50:57,49	,	,											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			3	04:50:57.49			58,47	2							27					

07/01/2016	05:49:46,36	,	,											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			1	05:49:46.36			47,88	1							22					

07/01/2016	07:41:42,96	,	,											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			1	07:41:42.96			43,08	1							18					

07/01/2016	12:53:27,86	46,0131	10,8218	9,11	0,8		0	0	1,4	90	0	1,4	B	0,24	0	BLEGGIO SUPER. (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	12:53:30.69	13,2	54	33	2	125							0,1		0,27	0,9	

07/01/2016	16:40:47,85	,	,											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	16:40:47.85			47,97	1							18					

08/01/2016	02:19:48,44	46,6495	10,5850	8,21	1,4		0	0	0,4	90	0	0,4	A	0,13	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		2	02:19:53.33	26,5	161	56,88	3	107							0,15		0	0	
OZOL	e	d	2	02:19:56.46	45,1	127	62,25	3	100							0,18		-0,14	1,2	

08/01/2016	05:57:50,73	,	,											10	KRK [HR]		M 3.2(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	d	2	05:57:50.73			80,93	3							184					
PANI			2	05:57:51.84			89,07	3							179					
DOSS			3	05:57:51.98			86,2	3							180					
VARA			2	05:57:54.85			88,73	3							184					
GAGG			3	05:57:55.18			89,7	3							179					
OZOL	e	d	2	05:57:56.43			90,72	3							179					
RONC			3	05:57:59.10			95,57	3							181					
CARE			3	05:57:59.85			95,27	3							180					

QUATERLY BULLETTIN *January-March 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					

08/01/2016	07:52:57,74	46,4778	10,1683	5,41	1,2		0	0	0,5	90	0	0,5	B	0,1	0	LIVIGNO (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	07:53:04.82	41,1	98				98						0			0		
RONC	e		2	07:53:08.96	65,4	148				95						0			1,4		

08/01/2016	12:21:24,27	46,3536	10,8401	9,63	1,2		0	0	0,6	90	0	0,6	B	0,23	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	d	1	12:21:27.35	13,5	306	29,43	2	125							0,24		0,11	1,1		
OZOL	i	c	1	12:21:27.58	17,2	71	30,25	2	119							-0,06		-0,01	0,9		
GAGG	e		2	12:21:30.08	31,4	163	34,51	2	107							0,2		0,25	0		
RONC	e		1	12:21:32.25	44,7	202	38,4	3	102							0,16		0,21	0		
ZIAN	e		2	12:21:34.36	56,4	99				100						0,32			0		

08/01/2016	14:42:43,01	45,6993	10,7876	10,08	0,3		0	0	1	90	0	1	B	0,14	0	BRENZONE (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	14:42:46.10	16,4	31	49,02	2	122							-0,21		0,14	0	

09/01/2016	13:20:00,34	,	,												10	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	13:20:00.34			1,02	1							22					

09/01/2016	17:04:51,92	,	,											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		17:04:51.92			80,73	3							150					
OZOL		3		17:04:55.31			87,32	2							148					
PANI		3		17:04:56.50			88,64	3							148					
CARE		3		17:04:58.40			91,29	3							145					
DOSS		3		17:04:58.83			93,79	3							146					
GAGG		3		17:04:59.08			93,89	3							147					
VARA		3		17:05:01.65			39,72	3							148					
RONC		3		17:05:03.15			41,8	3							148					

09/01/2016	19:48:37,97	45,8895	10,7936	9,73	1,1		0	0	0,4	90	0	0,4	B	0,13	0	MOLINA DI LEDRO (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	19:48:40.46	10,7	131	42,41	2	132							0,02		0,04	0,9	
RONC	e		2	19:48:41.20	16,7	307	43,85	2	120							-0,08		-0,01	1,2	
GAGG	e		2	19:48:42.63	25,1	31	46,32	2	111							0,06		0,16	0	
DOSS	e		2	19:48:43.46	30,7	92				108						-0,02			1,1	

11/01/2016	11:46:17,07	45,7726	10,9790	12,46	1,3		0	0	0,5	90	0	0,5	B	0,16	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	e	c	2	11:46:20.03	8,7	313	22,08	2	145							0,35		0,37	0		
DOSS	e		2	11:46:21.17	20,2	54	24,15	3	122							0,04		-0,15	1,2		
GAGG	e		2	11:46:23.44	34,6	357	28,05	2	110							0,08		-0,21	1,4		

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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			

12/01/2016	02:30:07,41	45,9123	11,8191	15,63	1,2		0	0	3,4	90	0	3,4	D	0,06	0	MONTE GRAPPA (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
ZIAN	e		2	02:30:15.67	45	334	21,88	2	109							0,11		-0,04	1,2	

12/01/2016	15:10:22,84	45,5566	10,2745	13,03	1,5		0	0	1,7	90	0	1,7	C	0,07	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	15:10:32.44	54,4	30				103						0,04			1,6	

12/01/2016	22:37:00,68	45,8558	10,9841	3,19	1,7		0	0	0,2	90	0	0,2	B	0,12	0	MORI (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	
VARA	i	c	1	22:37:02.03	7,6	244	3,33	2	113							-0,05		0,15	1,5		
DOSS	e		2	22:37:03.44	16,1	80	5,94	3	101							-0,04		0,26	1,9		
GAGG	e		2	22:37:05.12	25,4	356	8,74	3	97							0,07		0,28	2		
RONC	e		2	22:37:06.06	31,3	296			96							0,01			1,5		
ZIAN	e	c	2	22:37:11.65	64,7	44			93							-0,11			1,8		
CARE	e		2	22:37:12.30	67	341			93							0,16			0		

13/01/2016	05:44:25,09	45,8523	10,6536	9,77	0,9		0	0	0,5	90	0	0,5	B	0,14	0	LEDRO (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	05:44:28.22	14,5	350	30,52	2	124							0,14		0,11	0,7		
VARA	e		2	05:44:28.78	19,1	99	31,83	2	117							0,02		0,22	1,3		

13/01/2016	13:41:22.46	,	,											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			1	13:41:22.46			23,78	3							25					

14/01/2016	03:37:41.01	,	,											10	HOKKAIDO [JAPAN]			M 6.7(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	i	d	1	03:37:41.01																
VARA	i	d	2	03:37:41.34																
GAGG	i	d	1	03:37:42.16																
CARE	i	d	2	03:37:42.18																
DOSS	i	d	2	03:37:42.61																
PANI	i	d	2	03:37:43.13																
OZOL			2	03:37:43.28																
ZIAN			3	03:37:43.29																

14/01/2016	09:41:02,84	,	,											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	09:41:02.84			3,75	1							22					

14/01/2016	21:16:25,75	45,7578	10,0893	13,16	1,3		0	0	2,1	90	0	2,1	D	0,12	0	PISOGNE (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		3	21:16:34.31	48,3	59				105						0,01			1,2	

QUATERLY BULLETTIN *January-March 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				

14/01/2016	22:09:47,95	,	,												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	22:09:47.95			48,98	1							32					

15/01/2016	20:43:22,75	,	,											10	NATTERS [A]				M 3.2(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		
OZOL	e	d	2	20:43:22.75			33,31	2							152							
CARE	i	d	1	20:43:23.94			35,5	2							154							
ZIAN	i	d	1	20:43:24.80			37,18	1							154							
PANI	e	d	2	20:43:28.69			44,39	2							152							
GAGG	e	d	2	20:43:28.92			44,58	2							152							
RONC	e	d	2	20:43:31.79			51,06	3							151							
DOSS	e	d	2	20:43:31.87			49,48	2							153							
VARA			2	20:43:34.11			53,54	2							151							

15/01/2016	22:52:37,17	45,9963	11,3350	4,55	1,6		0	0	0,3	90	0	0,3	B	0,13	0	LEVICO TERME (TN)			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	
PANI	i	d	1	22:52:38.39	6	360	39,54	2	127							-0,08		0,06	1,8		
DOSS	e	c	1	22:52:39.99	17,2	221	42,61	3	105							-0,23		0,02	1,8		
GAGG	i	d	2	22:52:42.58	30,7	288	46,72	2	98							0,1		0,1	1,4		
ZIAN	i	c	1	22:52:43.33	35,8	30	47,9	2	97							-0,01		-0,24	2		
VARA	e		2	22:52:43.89	38,9	241			97							0,01			0		
OZOL	e		2	22:52:45.94	50,2	334			95							0,14			1,4		
RONC	e		2	22:52:46.79	55,2	268			95							0,15			1,5		
CARE	e		2	22:52:48.92	68,5	314			94							0,02			0		

16/01/2016	09:42:04,20	46,3530	10,5828	6,9	1,2		0	0	0,8	90	0	0,8	B	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	c	0	09:42:06.61	11,9	48	8,41	2	120							0,06		0,03	0		

16/01/2016	13:55:59,54	45,9248	10,7236	10,63	0,7		0	0	0,3	90	0	0,3	B	0,06	0	LEDRO (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	13:56:02.23	10	309	3,94	2	137							0,2		-0,04	0,3		
VARA	e		2	13:56:03.03	17,3	129	5,76	2	122							0,02		0,03	1,1		

16/01/2016	18:38:31,53	46,0548	11,8150	7,78	1		0	0	0,4	90	0	0,4	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	18:38:37.17	31,4	322	41,24	2	104							0,12		-0,12	0	

16/01/2016	19:31:11,76	45,9180	10,7226	8,56	1,2		0	0	0,3	90	0	0,3	B	0,1	0	LEDRO (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	19:31:14.27	10,4	312	15,86	3	129							0,2		-0,01	1,1	
VARA	e	d	2	19:31:14.97	16,9	127	17,56	2	117							-0,04		0,02	0	
GAGG	e		2	19:31:16.51	25,9	45	20,18	2	108							0,08		0,11	1	
DOSS	e		3	19:31:18.09	36,4	97	23,15	2	103							-0,07		0	1,4	

QUATERLY BULLETTIN *January-March 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					

17/01/2016	05:01:11,15	45,9273	10,7301	9,27	0,8		0	0	0,5	90	0	0,5	B	0,11	0	LEDRO (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	05:01:14.46	17,1	131	17,08	2	118							-0,02		0,01	0		

17/01/2016	10:38:14,98	,	,											10	L'AQUILA				M 3.4(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			2	10:38:14.98			57,12	3							213							
PANI	i	d	2	10:38:16.34			60,65	3							207							
RONC			3	10:38:18.06			65,88	3							212							
GAGG			2	10:38:18.27			63,8	3							206							
OZOL	i	d	2	10:38:22.03			71,82	3							206							
CARE			3	10:38:24.01			72,84	3							205							

18/01/2016	11:04:14,88	46,0340	10,9146	2,18	1,3		0	0	0,6	90	0	0,6	B	0,19	0	COMANO TERME (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	i	c	1	11:04:15.81	6,5	32	17,07	3	109							-0,23		0,12	1,6	
VARA	e		2	11:04:18.58	23,2	183	22,1	3	95							-0,27		0,15	0	
RONC	e		1	11:04:18.85	23,4	255	22,44	3	95							-0,04		0,42	1,3	
PANI	e		2	11:04:20.48	32,6	87	25,08	3	94							0,02		0,27	1,3	
CARE	e		2	11:04:22.92	46,5	339	29,25	3	93							0,08		0,2	0	

18/01/2016	13:25:41,10	,	,											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	13:25:41.10			43,55	2							26					

18/01/2016	20:36:06,04	45,9226	10,7263	9,44	0,7		0	0	0,5	90	0	0,5	B	0,09	0	LEDRO (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	20:36:08.66	10,3	309	10,3	2	133							0,23		0	0,5		
VARA	e		2	20:36:09.35	17	129			119							-0,02			0		

18/01/2016	21:37:55,93	45,9245	10,7293	8,49	0,7		0	0	0,4	90	0	0,4	B	0,09	0	LEDRO (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		1	21:37:58.45	10,4	307	59,96	2	129							0,23		-0,05	0,4	
VARA	e		2	21:37:59.13	17	130	61,7	2	117							-0,04		-0,01	1	

19/01/2016	02:29:35,65	45,9270	10,7281	9	0,6		0	0	0,3	90	0	0,3	B	0,08	0	LEDRO (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	02:29:38.08	10,1	306	39,75	2	132							0,1		-0,03	0,3	
VARA	e		2	02:29:38.96	17,2	131	41,66	2	118							-0,02		0,08	0,9	

19/01/2016	02:30:59,00	45,9218	10,7278	8,38	1		0	0	0,3	90	0	0,3	B	0,07	0	LEDRO (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	02:31:01.45	10,5	309	3,08	2	129							0,16		0,01	0,8	
VARA	i	d	2	02:31:02.18	16,9	129	4,75	2	116							-0,04		0,02	0,9	

QUATERLY BULLETTIN *January-March 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				

19/01/2016	03:42:05,48	45,9181	10,7323	9,38	0,4		0	0	0,1	90	0	0,1	B	0,01	0	LEDRO (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	03:42:07.95	11	309	9,88	2	130							0		0	0,3		
VARA	e		2	03:42:08.72	16,4	129			120							0,02			0		

19/01/2016	06:33:18,14	,	,											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	06:33:18.14			19,22	2							27					

19/01/2016	08:53:15,72	45,9243	10,7248	10,11	0,6		0	0	0,5	90	0	0,5	B	0,09	0	LEDRO (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	08:53:18.33	10,1	308	19,97	2	135							0,17		-0,1	0,4		
VARA	e		2	08:53:19.12	17,2	129	21,78	3	120							-0,01		-0,02	0		

19/01/2016	18:05:59,70	45,7810	11,4726	11,14	1,1		0	0	0,6	90	0	0,6	C	0,21	0	CALTRANO (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	2	18:06:04.66	24,6	297	8,18	2	114							0,33		0,25	1	
PANI	e		2	18:06:05.65	31,8	340	9,82	2	109							0,18		-0,15	1,4	
VARA	e		2	18:06:07.87	45,1	276	13,53	2	104							0,23		-0,3	0	
GAGG	e		2	18:06:09.06	52,2	310	15,53	2	102							0,24		-0,4	1,2	
ZIAN	e		2	18:06:09.44	55,5	7			101							0,06			1,2	

20/01/2016	11:00:47,41	46,1416	11,1775	0,07	1,4		0	0	0,5	90	0	0,5	0	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	11:00:50.05	15,8	130				90						-0,06			1,4	
GAGG	i	c	1	11:00:50.45	18,1	249				90						-0,06			1,6	
DOSS	e		2	11:00:52.31	29,1	178				90						-0,08			1,5	
OZOL	e		2	11:00:52.71	30,7	342				90						0,06			1,3	
ZIAN	e		2	11:00:53.01	33,3	63				90						-0,1			1,2	
VARA	e		2	11:00:54.67	41,3	212				90						0,2			1,4	
CARE	e		2	11:00:55.63	48,6	310				90						-0,08			0	

20/01/2016	13:24:34,29	,	,											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	e	d	2	13:24:34.29			48,18	2							95							
DOSS			3	13:24:34.85			48,08	2							92							
PANI	e	d	2	13:24:37.77			54,26	2							94							
RONC			3	13:24:38.46			55,44	2							95							
GAGG			2	13:24:38.98			56,07	2							93							
ZIAN			2	13:24:42.36			60,61	2							95							
OZOL			3	13:24:44.15			65,24	2							94							
CARE			3	13:24:45.48			66,48	2							90							

20/01/2016	14:27:48,82	46,6868	10,5679	10,56	0,8		0	0	1,4	90	0	1,4	C	0,18	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	14:27:54.56	30,8	161	58,48	2	109							0,17		-0,25	0		

QUATERLY BULLETTIN *January-March 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			

21/01/2016	06:32:54.63	46,8065	10,3966	13,7	1,5		0	0	0,6	90	0	0,6	C	0,17	0	MALLES VENOSTA (BZ)				M 1.5(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	i	d	1	06:33:03.38	48,3	152	9,68	2	106							0,16		-0,23	0		

21/01/2016	09:41:03,23	,	,											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	09:41:03.23			3,96	1							22					

21/01/2016	13:50:54.80		,	,											0	STRAIT OF GIBRALTAR				M 5.0(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	
RONC			3	13:50:54.80																	
CARE			3	13:51:00.08																	
PANI			3	13:51:00.42																	
VARA			3	13:51:00.78																	
DOSS			3	13:51:01.20																	
GAGG			3	13:51:02.21																	
OZOL			3	13:51:02.84																	
ZIAN			3	13:51:05.63																	

21/01/2016	17:59:15,83	,	,											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	e	d	1	17:59:15.83			16,52	1							24					

21/01/2016	19:12:39,98	,	,											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	19:12:39.98			40,92	1							21					

21/01/2016	19:41:50,65	46,0505	10,5551	4,68	0,9		0	0	0,5	90	0	0,5	B	0,09	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		1	19:41:52.54	9,4	146	53,8	2	117							0,1		-0,03	1,4		
GAGG	e		2	19:41:55.94	31,4	83	60,14	2	98							-0,14		-0,18	0		
CARE	e		2	19:41:58.05	43	15			96							0,01			0		

21/01/2016	20:02:08,57	,	,											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	20:02:08.57			17,47	1							94					
VARA			3	20:02:10.48			20,84	2							96					
GAGG			3	20:02:12.69			24,72	2							95					
DOSS			3	20:02:14.03			26,46	2							96					

21/01/2016	22:33:13,90	,	,											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			1	22:33:13.90			14,76	1							23					

QUATERLY BULLETTIN *January-March 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				

22/01/2016	00:46:23,87	,	,											10	REGGIO EMILIA	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	e	d	2	00:46:23.87			40,28	2								86				
DOSS	e	d	2	00:46:25.10			42,54	2								91				
RONC			2	00:46:26.08			43,89	2								90				
GAGG	e	d	2	00:46:27.97			46,68	2								94				
PANI	e	d	2	00:46:28.22			48,11	2								91				
ZIAN			2	00:46:32.32			55,6	3								88				
OZOL			3	00:46:32.66			54,32	2								91				

22/01/2016	14:09:53,63	45,9778	10,8195	11,79	0,9		0	0	0,6	90	0	0,6	B	0,15	0	FAIVE' (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	14:09:56.96	15,2	271	59,66	2	128							0,04		0,17	0,7		
GAGG	e	c	2	14:09:57.03	15,9	43	59,81	2	126							0,01		0,15	0,8		
VARA	e		1	14:09:57.22	17,9	160	60,39	2	123							-0,07		0,24	0		
DOSS	e		2	14:09:59.17	30,6	111			111							-0,07			1		

22/01/2016	14:22:32,62	,	,											3	FOLGARIA (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
DOSS	i	c	0	14:22:32.62			33,56	1							28					

22/01/2016	15:05:59,53	46,3680	10,3963	6,61	1,8		0	0	0,5	90	0	0,5	B	0,22	0	S. ANTONIO MOR. (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	i	c	0	15:06:03.74	24	75	7,09	2	105							-0,04		-0,01	0	
RONC	e		2	15:06:07.86	46,4	158	13,85	3	98							0,31		0,05	1,9	
OZOL	e		2	15:06:08.52	50,6	86	15,07	3	97							0,27		0,02	2	

22/01/2016	15:22:03,44	46,3848	10,3946	7,26	1,6		0	0	0,8	90	0	0,8	B	0,26	0	S. ANTONIO MOR. (SO)	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	c	0	15:22:07.45	23,7	79	10,7	3	107							-0,22		-0,27	1,4	
RONC	e	c	2	15:22:11.65	48,2	159			99							-0,12			1,7	
OZOL	e	d	2	15:22:12.22	50,6	88	18,81	2	98							0,05		-0,17	1,8	
GAGG	e		2	15:22:12.84	54,9	128			98							-0,06			1,6	

22/01/2016	18:53:25,19	45,7831	11,3435	7,68	0,7		0	0	0,7	90	0	0,7	C	0,06	0	ARSIERO (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	e		2	18:53:28.18	16,1	312	30,64	2	115							-0,06		0,02	0,7	

22/01/2016	21:47:03,20	,	,											0	DOSS,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
DOSS	i	d	1	21:47:03.20			7,46	1							29					
VARA	i	c	1	21:47:03.86			8,09	1							29					

QUATERLY BULLETTIN *January-March 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				

23/01/2016	02:23:23,00	,	,											10	VILLA SANTINA (UD)	M 2.8(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	e	c	2	02:23:23.00			40,79	3							129					
PANI	e	c	2	02:23:27.12			44,68	1							124					
OZOL	e	c	2	02:23:29.65			49,61	1							124					
DOSS			3	02:23:30.01			48,39	2							124					
GAGG			3	02:23:31.57			51,21	2							125					
VARA	e	c	2	02:23:33.64			54,36	2							125					
CARE			3	02:23:34.16			55,19	3							123					
RONC			2	02:23:35.79			58,04	2							124					

23/01/2016	08:59:20,76	,	,											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
VARA			3	08:59:20.76			40,7	3							124					
DOSS			3	08:59:21.87			43,9	3							123					
RONC	i	c	2	08:59:23.85			45,12	3							122					
GAGG			3	08:59:25.07			48,42	3							122					
PANI			3	08:59:26.65											122					

23/01/2016	18:20:30.32	,	,											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			2	18:20:30.32			33	1							26					

23/01/2016	18:27:31,40	,	,											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	18:27:21.40			22,26	2							27					

23/01/2016	23:52:12,79	45,9008	10,7866	8,65	0,9		0	0	0,4	90	0	0,4	B	0,13	0	RIVA DEL GARDA (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	23:52:15.15	11,9	134	17,21	2	126							-0,15		-0,06	0,9		
RONC	e	d	2	23:52:15.88	15,5	305	18,47	2	119							0,06		0,28	1		
DOSS	e		2	23:52:18.54	31,3	94				105						0,2			0,9		

24/01/2016	00:07:32,07	45,5640	10,2150	8,9	0,7		0	0	1,2	90	0	1,2	C	0,06	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	00:07:41.82	56,1	34				99						0,04			1	

24/01/2016	07:06:58,45	46,0615	10,6945	7,87	0,4		0	0	1,2	90	0	1,2	C	0,14	0	PORTE RENDENA (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		1	07:07:00.88	10,5	212	2,43	2	127							0,18		-0,02	0,2		
GAGG	e		2	07:07:02.10	20,6	83	5,41	3	111							-0,12		0,25	0		

QUATERLY BULLETTIN *January-March 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				

24/01/2016	11:00:44,45	,	,											10	AMPEZZO (UD)			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
ZIAN	i	c	2	11:00:44.45			62,1	3							111					
PANI			3	11:00:48.39			65,83	3							108					
DOSS			3	11:00:51.61			70,02	3							107					
OZOL			3	11:00:51.75			70,92	2							107					
GAGG			3	11:00:53.79			72,48	2							106					
VARA			3	11:00:54.51			75,56	2							111					
CARE			3	11:00:55.46			75,88	3							105					
RONC			3	11:00:57.96			79,6	3							109					

24/01/2016	12:11:32,03	,	,											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	1	12:11:32.03			32,5	1							23					

24/01/2016	16:55:41,51	,	,											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	16:55:41.51			41,8	1							20					

25/01/2016	07:15:12,89	,	,											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	c	0	07:15:12.89			14,03	2							27					

25/01/2016	13:08:23,90	,	,											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	13:08:23.90			24,59	1							25					

25/01/2016	18:15:01,11	45,9271	11,7216	18,36	0,8		0	0	1,6	90	0	1,6	B	0,28	0	ARSIE' (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	
PANI	e		2	18:15:07.79	33	295	12,21	2	119							0,23		-0,38	1,2		
DOSS	e		2	18:15:08.97	41,7	263	14,23	3	114							0,08		-0,74	1,1		
ZIAN	e		2	18:15:09.01	40,7	342			114							0,27			0		
VARA	e		2	18:15:12.91	65	260			106							0,25			0		

26/01/2016	00:13:34,79	45,5363	10,5290	24,41	1,1		0	0	0,7	90	0	0,7	B	0,15	0	MANERBA GARDA (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	00:13:43.14	43,1	42	49,33	2	104							0,05		-0,24	0	
RONC	e		2	00:13:44.17	49,9	8	50,88	2	99							0,09		-0,45	1,4	
DOSS	e		2	00:13:45.97	64	53			95							-0,17			0	
GAGG	e		2	00:13:47.05	69,4	29			94							0,13			0	

26/01/2016	06:32:12,01	45,7423	10,4445	10,17	1,4		0	0	0,6	90	0	0,6	C	0,2	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	i	d	2	06:32:17.65	29,9	28	21,7	3	109							0,24		0,08	1,3	
VARA	e		2	06:32:18.44	36,4	75	23,74	2	106							-0,02		0,24	0	
CARE	e		2	06:32:25.81	78,3	14			97							0,3			0	

QUATERLY BULLETTIN *January-March 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			

27/01/2016	10:06:33,07	45,6908	10,0608	3,32	1,4		0	0	3,2	90	0	3,2	D	0,12	0	SARNICO (BG)				
st_name	p_rem	m	w_p	time_s	dist	azm	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	10:06:42.37	54,3	54				93						0			1,6	
CARE	e		2	10:06:49.45	95,3	31				92						0,08			0	

27/01/2016	11:47:39.00	,	,											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			1	11:47:39.00			39,79	2							25					

28/01/2016	17:32:49.63	,	,											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			1	17:32:49.63			50,57	2							22					

29/01/2016	03:53:45,28	46,4558	10,5715	6,13	1,4		0	0	0,5	90	0	0,5	B	0,2	0	VALFURVA (SO)			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
CARE	i	c	1	03:53:47.21	10,3	110	48,46	2	121							-0,12		-0,46	1,1	
OZOL	i	c	2	03:53:51.81	37,3	99	56,89	3	99							0,06		0,09	1,2	
GAGG	e		2	03:53:54.34	51	144			97							0,27			0	
RONC	e		1	03:53:54.56	52,9	176			97							0,16			1,2	
ZIAN	e		2	03:53:58.86	78,9	105			94							0,05			1,5	
DOSS	e		2	03:53:59.23	79,8	143			94							0,26			0	

29/01/2016	06:35:47,59	,	,											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	e	d	1	06:35:47.59			48,9	1							23					

29/01/2016	06:44:58,48	46,3940	10,3890	10,55	0,9		0	0	1,2	90	0	1,2	B	0,1	0	S. ANTONIO MOR. (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	06:45:02.99	24	82	6,34	2	114							0,03		-0,11	0		
RONC	e		2	06:45:07.18	49,3	159			102							0,07			1,1		

29/01/2016	08:25:34,12	,	,											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	08:25:34.12			35,79	2							25					

29/01/2016	09:52:34,65	45,5635	10,8039	10,66	1,1		0	0	3,8	90	0	3,8	D	0,22	0	BARDOLINO (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	09:52:39.87	30	14				110						-0,24			1,6	
RONC	e		2	09:52:43.54	48,5	343				102						0,39			1,1	

29/01/2016	17:18:37,70	,	,											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	17:18:37.70			37,95	2							20					

QUATERLY BULLETTIN *January-March 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			

30/01/2016	04:27:24,32	46,5088	10,4339	2,42	1,3		0	0	0,9	90	0	0,9	C	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	04:27:28.25	22,3	115	31,09	2	96							0,1		-0,05	1,6		

30/01/2016	05:03:53,06	45,7846	10,9830	8,69	1		0	0	0,7	90	0	0,7	C	0,08	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		1	05:03:56.76	19,2	56	59,39	2	114							0,1		-0,08	1	

30/01/2016	10:01:34,47	45,7078	10,7723	10,38			0	0	0,7	90	0	0,7	C	0,05	0	BRENZONE (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	10:01:37.73	16,3	36	40,39	2	122							-0,06		0,03	0		

30/01/2016	17:16:44,60	46,0565	10,5641	4,29	1,1		0	0	0,4	90	0	0,4	B	0,11	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	17:16:46.51	9,6	152	47,78	2	114							0,11		-0,01	1,7		
GAGG	e		2	17:16:49.96	30,7	84	54,1	2	98							0,06		0,07	0		
CARE	i	d	1	17:16:51.98	42,2	14	57,27	2	96							0,13		-0,23	1,9		

30/01/2016	20:43:00,18	,	,											10	MOGGIO UDINESE (UD)		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
ZIAN			3	20:43:00.18			17,1	3							105					
PANI			3	20:43:04.34			21,8	3							103					
DOSS			3	20:43:06.27			25,94	3							102					
OZOL			2	20:43:06.68			26,88	2							102					
GAGG			3	20:43:08.05			29,05	3							101					
CARE			3	20:43:10.51			33,13	3							100					

31/01/2016	22:44:14,11	,	,											10	ST ANTON ARLBERG [A]				M 3.5(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	i	d	1	22:44:14.11			25,06	1							227							
OZOL	i	d	1	22:44:17.20			30,26	1							224							
RONC	e	d	1	22:44:21.19			38,18	2							224							
GAGG	i	d	1	22:44:21.26			38,71	2							221							
ZIAN	i	d	1	22:44:23.82			41,93	2							228							
PANI			2	22:44:24.44			43,19	1							222							
VARA			2	22:44:25.20			45,56	3							225							
DOSS	i	d	1	22:44:25.97			47,16	3							221							

02/02/2016	14:43:44,64	46,7200	11,6843	4,28	1,5		0	0	0,6	90	0	0,6	C	0,22	0	BRESSANONE (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	14:43:53.40	50,2	191	59,49	3	95							0,15		-0,48	1,2	
OZOL	e		2	14:43:54.99	59,9	234	62,52	3	94							0,07		-0,41	1,3	
CARE	e		2	14:43:58.53	82,5	247			93							-0,23			0	

QUATERLY BULLETTIN *January-March 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					

03/02/2016	21:37:39,57	45,7588	10,7363	13,71	3,1		0	0	0,3	90	0	0,3	B	0,2	0	MALCESINE (VR)				M 3.1(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	c	1	21:37:43.24	14,5	59	46,1	2	133							0,26		0,46	2,6		
RONC	i	d	1	21:37:44.72	26,2	340	48,44	2	118							0,1		-0,13	3,1		
DOSS	i	c	1	21:37:46.42	37,7	69	51,54	3	110							0		-0,22	3,1		
GAGG	i	c	2	21:37:46.81	40	26	52,42	3	109							0,02		-0,01	3,4		
PANI	i	c	1	21:37:49.51	56,7	55			104							-0,02			3,1		
CARE	i	d	2	21:37:52.40	74,1	358			100							-0,04			2,3		
OZOL	e		2	21:37:52.81	75,7	19			100							0,1			3,4		
ZIAN	i	c	1	21:37:54.31	86,1	48			99							-0,16			3		

03/02/2016	22:59:06,22	45,7615	10,7295	13,78	2		0	0	0,4	90	0	0,4	B	0,18	0	MALCESINE (VR)				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	
VARA	i	c	2	22:59:09.86	14,8	61	12,69	2	133							0,18		0,31	1,5		
RONC	i	d	2	22:59:11.29	25,8	341	14,91	3	118							0,08		-0,2	1,9		
DOSS	e		2	22:59:13.03	38	70	18,15	2	110							-0,11		-0,38	2		
GAGG	e		2	22:59:13.55	40	26	18,7	2	109							0,1		-0,38	2		
PANI	e		2	22:59:16.15	56,9	56			104							-0,08			2		
CARE	e		2	22:59:19.18	73,7	358			101							0,14			0		
OZOL	e		2	22:59:19.61	75,6	19			100							0,26			2,1		
ZIAN	i	c	1	22:59:20.92	86,3	48			99							-0,23			1,9		

05/02/2016	11:54:35,39	46,0395	10,4313	6,31	1,1		0	0	0,7	90	0	0,7	C	0,12	0	CAPO DI PONTE (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	11:54:38.46	16,2	114	40,69	2	111							0,1		0,01	1,3		
GAGG	e		2	11:54:42.57	41,1	83	47,92	2	99							0,08		-0,12	0		
CARE	e		2	11:54:43.73	47,5	26	49,71	2	98							0,16		-0,24	1,6		

05/02/2016	23:15:31,32	46,4505	10,6130	7,6	1,3		0	0	0,6	90	0	0,6	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	23:15:33.28	7,1	114	34,46	2	137							0,18		-0,02	0	
OZOL	e		2	23:15:37.44	34,1	99	41,81	3	103							0,14		-0,15	1,1	
RONC	e		2	23:15:40.68	52,2	179				98						0,34			1,1	

06/02/2016	04:50:09,97	,	,											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	04:50:09.97			10,64	1							31					

06/02/2016	06:32:58,49	,	,											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	06:32:58.49			60,27	1							35					
OZOL	e	d	1	06:32:58.54			60,67	1							35					

06/02/2016	12:01:58,37	,	,												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	12:01:58.37			58,64	2							21					

QUATERLY BULLETTIN *January-March 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			

06/02/2016	15:38:15,47	,	,											10	MONTAFON [A]	M 2.3(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	c	2	15:38:15.47			26,25	2							94					
OZOL			3	15:38:18.87			31,47	3							98					
RONC	i	c	1	15:38:22.58			39,32	2							101					
GAGG			3	15:38:23.36			38,69	3							98					
ZIAN			2	15:38:24.83			44,69	3							103					
PANI			3	15:38:26.53			44,3	3							98					
DOSS			3	15:38:29.69			48,34	3							93					

07/02/2016	07:53:30,84	45,8631	10,6941	11,52	1,7		0	0	0,6	90	0	0,6	B	0,2	0	LEDRO (TN)				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			
RONC	i	d	1	07:53:34.01	14,2	337	36,53	2	129							0,04		0,12	1,5				
VARA	i	c	1	07:53:34.03	16,3	105	37,22	2	125							-0,22		0,32	0				
GAGG	e		2	07:53:36.53	31,9	40	41,32	2	110							-0,12		0,14	1,4				
DOSS	e		2	07:53:37.78	38,5	87	42,78	2	107							0,07		-0,28	1,8				
CARE	e		2	07:53:41.81	62,4	0			100							0,12			0				
OZOL	e		2	07:53:43.06	66,1	25			100							0,75			1,7				
ZIAN	e		2	07:53:44.78	81,4	56			98							-0,12			1,7				

07/02/2016	08:13:56,45	45,6295	11,1365	9,9	1,5		0	0	0,7	90	0	0,7	C	0,17	0	SELVA DI PROGNO (VR)				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	
DOSS	e		2	08:14:01.88	28,1	8	5,33	2	109							0,33		-0,19	2		
VARA	i	d	1	08:14:01.92	28,7	319	5,71	2	109							0,28		0,01	1,6		
GAGG	e		2	08:14:05.73	52,3	345			101							0,18			1,7		
RONC	e		2	08:14:06.20	55,8	314			100							0,06			1,2		
ZIAN	e		2	08:14:10.13	79,1	25			97							0,05			1,4		
CARE	e		2	08:14:12.88	94,7	339			96							0,16			0		

07/02/2016	17:04:32,79	45,9348	10,6871	12,15	1		0	0	0,5	90	0	0,5	B	0,08	0	LEDRO (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	d	1	17:04:35.31	7,1	316	37,04	3	150							0,11		-0,04	0,5		
VARA	e		2	17:04:36.83	20,3	127			121							0			0		

08/02/2016	03:18:57,73	,	,											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	03:18:57.73			58,51	2							25					

08/02/2016	11:24:27,65	,	,											10	FORLI'-CESENA			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
VARA	e	d	1	11:24:27.65			51,39	3							161					
DOSS			3	11:24:28.09			56,09	3							157					
PANI			3	11:24:29.88			54,45	3							160					
RONC			3	11:24:30.72			59,55	3							160					
GAGG			2	11:24:30.88			58,47	3							159					
ZIAN			3	11:24:32.75			59,54	3							161					
OZOL			3	11:24:36.08			65,69	3							158					
CARE	e	d	2	11:24:36.96			67,97	3							154					

QUATERLY BULLETTIN *January-March 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			

08/02/2016	23:34:33,61	46,5733	10,5711	6,62	0,9		0	0	0,4	90	0	0,4	B	0,07	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	c	2	23:34:37.26	19,2	150	39,71	2	109							0,17		-0,09	0		

09/02/2016	11:16:19,89	46,1430	11,1801	4,24	1,5		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	1	11:16:22.68	15,8	131				105						-0,01			1,5	
GAGG	i	c	2	11:16:23.09	18,4	249				103						-0,03			1,5	
DOSS	e		2	11:16:24.96	29,2	179				98						0,01			1,5	
OZOL	i	c	1	11:16:25.16	30,6	341				98						-0,02			1,6	
ZIAN	e	c	2	11:16:25.58	33,1	63				97						-0,02			1,2	
CARE	e	c	2	11:16:28.25	48,6	310				95						0,01			1,7	

09/02/2016	12:33:58,71	,	,											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
RONC	i	d	1	12:33:58.71			70,35	1							116					
VARA			3	12:34:00.15			13,05	2							116					
GAGG			3	12:34:01.99			17,63	3							113					
DOSS			3	12:34:03.27			18,96	3							111					

09/02/2016	13:47:06,96	45,5351	10,2356	10,81	1,5		0	0	2,4	90	0	2,4	C	0,21	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	13:47:17.21	58	31				101						0,17			1,4	

10/02/2016	05:05:16.83	,	,											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	05:05:16.83			17,82	1							24					

10/02/2016	09:34:31,23	45,8470	10,9273	15,25	1,5		0	0	0,6	90	0	0,6	B	0,26	0	BRENTONICO (TN)			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
VARA	e	c	1	09:34:34.20	3,3	226	36,19	2	168							0,3		0,21	0	
DOSS	i	c	1	09:34:35.70	20,6	80	38,73	2	126							0,08		-0,31	1,3	
GAGG	i	d	1	09:34:36.56	26,4	5	40,35	2	120							0,12		-0,15	0	
RONC	e		2	09:34:36.78	27,9	302	40,83	2	119							0,11		-0,08	1,5	
PANI	e		2	09:34:38.51	38,9	54	43,55	3	111							0,14		-0,39	0	
CARE	i	d	1	09:34:43.08	66,6	345			103							0,17			0	
ZIAN	e		2	09:34:43.24	68,5	46			103							0,01			1,7	

10/02/2016	11:07:47,28	46,5875	10,5333	7,29	1,3		0	0	0,1	90	0	0,1	C	0,01	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	e		2	11:07:51.25	22,1	145				108						0			1,3		

10/02/2016	18:02:57,08	,	,											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	c	1	18:02:57.08			58,07	1							25					

QUATERLY BULLETTIN *January-March 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					

10/02/2016	20:11:51,48	46,6036	10,5456	10,88	1,7		0	0	0,6	90	0	0,6	B	0,24	0	TUBRE (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	e	c	1	20:11:55.95	23,1	150	58,81	2	115							0,11		-0,43	0		
OZOL	i	c	1	20:11:59.53	44,8	120	64,92	2	104							0,17		-0,57	1,6		
GAGG	e		2	20:12:03.10	66	151			99							0,19			1,9		
RONC	e	c	2	20:12:03.65	69,5	175			99							0,15			1,7		
ZIAN	e		2	20:12:06.52	86,2	115			97							0,18			1,8		

10/02/2016	20:26:01,15	46,5804	10,5465	8,02	1		0	0	0,6	90	0	0,6	B	0,07	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	20:26:05.13	20,8	146	7,93	2	111							0,15		-0,03	1,2				
OZOL	e		2	20:26:08.65	43,5	117			100							-0,07			0				

10/02/2016	21:29:50,30	46,6018	10,5511	10,56	1,3		0	0	0,7	90	0	0,7	B	0,21	0	TUBRE (BZ)			M 0.9(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
CARE	e		2	21:29:54.72	22,7	150	57,65	2	115							0,15		-0,26	1,3	
OZOL	e		2	21:29:58.21	44,3	120	63,89	3	103							0,13		-0,26	1,3	
RONC	e		2	21:30:02.32	69,2	175			99							0,05			1,5	
ZIAN	e		2	21:30:05.35	85,8	115			97							0,28			1,5	

10/02/2016	21:43:49,55	46,5848	10,5578	9,07	1,3		0	0	0,8	90	0	0,8	B	0,14	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	e		2	21:43:53.69	20,8	149	56,56	2	114							0,26		0,11	1,3		
OZOL	e		2	21:43:57.24	42,9	118	62,63	2	102							0,19		-0,27	1,2		

10/02/2016	22:23:00,66	46,0320	10,4735	3,65	0,3		0	0	0,3	90	0	0,3	C	0,02	0	MONTE ADAMELLO (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	22:23:02.96	12,9	116	4,74	2	106							0		0	0,5		

11/02/2016	08:29:20,25	,	,												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	08:29:20.25			21,48	1							25					

11/02/2016	15:09:57,75	46,5133	11,1973	3,7	0,9		0	0	3,9	90	0	3,9	D	0,15	0	TESIMO (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	15:10:00.55	16,6	222				103						-0,1			0,9	
CARE	e		2	15:10:04.66	39,7	256				95						0,1			1,5	

QUATERLY BULLETTIN *January-March 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				

11/02/2016	15:18:37,45	,	,											10	MASSA CARRARA	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
VARA		3		15:18:37.45			63,18	2							159					
RONC		3		15:18:40.46			66,14	3							157					
DOSS		3		15:18:40.81			66,65	2							154					
GAGG		3		15:18:41.66			70,12	3							156					
PANI		3		15:18:41.80			72,42	3							157					
CARE		3		15:18:46.99			75,36	3							152					
OZOL		3		15:18:47.66			76,2	3							155					

11/02/2016	19:38:02,10	46,6863	10,6428	8,61	1,2		0	0	0,6	90	0	0,6	B	0,19	0	VAL MAZIA (BZ)			M 1.1(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	i	c	2	19:38:07.27	29,4	172	11,08	3	106							-0,07		-0,34	0		
OZOL	e		2	19:38:10.08	44,4	135	15,61	3	101							0,24		-0,26	1		
ZIAN	e		2	19:38:16.68	84,1	123			96							0,13			1,4		

12/02/2016	02:18:39,15	46,0591	10,5403	3,25	0,8		0	0	0,6	90	0	0,6	C	0,07	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		02:18:40.99	10,8	144	42,7	3	107							-0,1		0,11	0,7		
GAGG	e	2		02:18:44.82	32,5	85	49,07	2	96							0,08		-0,02	1,1		

12/02/2016	02:58:36,04	46,0573	11,9108	9,34	1,6		0	0	0,6	90	0	0,6	B	0,21	0	FELTRE (BL)			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
ZIAN	e	2		02:58:42.50	36,2	312	47,74	3	104							0,05		0,3	1,4	
PANI	e	2		02:58:43.87	44,6	269			102							0,03			1,5	
DOSS	e	2		02:58:46.46	59,3	251			99							0,14			1,6	

12/02/2016	03:39:32,67	46,0534	11,9118	7,07	1,5		0	0	0,8	90	0	0,8	C	0,24	0	FELTRE (BL)			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
ZIAN	e	2		03:39:39.03	36,6	313	44,21	2	101							-0,01		0,2	1,4	
PANI	e	2		03:39:40.44	44,7	270			99							0,04			1,5	
DOSS	e	2		03:39:43.12	59,3	251			97							0,24			1,5	
OZOL	e	2		03:39:46.12	76,9	300			95							0,24			1,4	

12/02/2016	07:09:22.42		,	,											10	NW BALKAN REGION					
st_name	p_rem	m	w_p	time_s	dist	azm	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			2	07:09:22.42			72,66	3							248						
PANI	e	c	1	07:09:22.49			72,77	3							246						
DOSS	i	c	1	07:09:22.67			72,17	2							242						
VARA	e	c	1	07:09:24.85			76,02	3							247						
GAGG	e	c	1	07:09:25.84			79,4	2							244						
OZOL	e	c	1	07:09:27.09			82,1	3							244						
RONC	e	c	1	07:09:28.33			83,14	2							245						
CARE	e	c	2	07:09:30.54			86,15	2							238						

12/02/2016	07:28:18,14	46,5775	10,5429	7,16	0,3		0	0	0,8	90	0	0,8	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	07:28:22.00	20,7	145	24,76	2	109							0,11		-0,05	0		

QUATERLY BULLETTIN *January-March 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			

12/02/2016	14:16:47,27	46,3991	10,7718	8,5	1,4		0	0	0,7	90	0	0,7	B	0,26	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	i	c	0	14:16:49.34	6,4	296	50,59	2	143							0,25		0,09	0,9		
OZOL	e		1	14:16:51.31	21,5	89	54,14	2	112							0,09		-0,17	1,8		
GAGG	e	c	2	14:16:54.17	37,9	158	59,05	2	103							0,26		-0,04	1,3		
RONC	e		2	14:16:55.84	47,9	194	61,66	2	100							0,26		-0,41	1,4		

12/02/2016	14:21:57,22	46,3925	10,7648	8,61	1,2		0	0	1	90	0	1	B	0,25	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	14:21:59.33	6,3	305	60,57	2	144							0,28		0,11	0		
OZOL	e		2	14:22:01.27	22,1	87	4,12	2	111							0		-0,31	1,1		

12/02/2016	14:46:44,03	45,6275	10,4321	17,25	1,4		0	0	0,6	90	0	0,6	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	
VARA	e		2	14:46:51.84	42,3	59				112						-0,01			0		
RONC	e		2	14:46:52.00	42	21	57,93	3	112							0,21		0,09	1,4		

13/02/2016	07:13:37,62	,	,											0	PANI					
st_name	p_rem	m	w_p	time_s	dist	azm	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			2	07:13:37.62			38,33	1							24					

13/02/2016	09:56:42,22	,	,											0	PANI					
st_name	p_rem	m	w_p	time_s	dist	azm	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	09:56:42.22			42,7	1							24					

13/02/2016	20:42:19,00	,	,											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			1	20:42:19.00			20,23	1							27					

14/02/2016	01:26:09,55	45,7786	11,0163	13,46	0,9		0	0	1,2	90	0	1,2	C	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	e	c	2	01:26:12.69	10,7	299	14,88	2	142							0,2		0,1	1,2		
DOSS	e		2	01:26:13.37	17,5	50	16,13	2	128							0,04		-0,14	0,9		

14/02/2016	02:46:36,04	,	,											10	RIOLA (BO)			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
DOSS			3	02:46:36.04			58,48	3							120					
VARA			2	02:46:36.78			57,41	2							119					
RONC			2	02:46:39.79			62,28	2							116					
GAGG			3	02:46:41.68			65,04	3							116					
ZIAN			3	02:46:42.65			66,25	3							118					
OZOL			3	02:46:43.67			68,13	3							116					

QUATERLY BULLETTIN *January-March 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			

14/02/2016	03:22:04,33	,	,											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	c	1	03:22:04.33			5,57	1							24					

14/02/2016	06:48:39,61	45,7560	11,4266	13,32	1,2		0	0	1,1	90	0	1,1	C	0,19	0	ARSIERO (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	06:48:44.52	23,1	307	48,09	2	120							0,34		0,36	1		
VARA	e		2	06:48:47.23	42	281	52,8	2	108							0,08		-0,22	1,7		
ZIAN	i	c	1	06:48:50.02	58,8	10				103						0,09			1,2		

14/02/2016	08:31:01,54	,	,											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	08:31:01.54			2,87	1							29					

14/02/2016	15:42:35,52	46,0518	10,5560	6,84	1,6		0	0	0,6	90	0	0,6	B	0,22	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	d	2	15:42:37.58	9,4	147	38,88	2	126							0,07		-0,19	2,2	
GAGG	e		2	15:42:41.01	31,3	84	45,25	2	102							0,01		-0,03	1,4	
VARA	e		2	15:42:41.94	36,4	134	46,83	2	101							0,08		0,03	1,7	
CARE	i	d	1	15:42:43.10	42,8	15	48,27	2	99							0,17		-0,45	0	

15/02/2016	00:57:32,56	,	,											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			2	00:57:32.56			47,31	2							118					
DOSS			2	00:57:33.12			46,91	1							116					
RONC			2	00:57:36.01			53,75	2							118					
PANI			2	00:57:36.46			53,04	1							117					
GAGG			3	00:57:37.17			54,03	2							116					
ZIAN			2	00:57:40.49			60,42	1							117					
OZOL			3	00:57:42.64			63,92	3							115					

15/02/2016	03:27:13,07	45,6941	10,7289	10,22	0,5		0	0	0,6	90	0	0,6	C	0,05	0	BRENZONE (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	d	2	03:27:16.75	19,6	42	19,86	2	118							-0,1		0,06	0		

15/02/2016	12:33:44,60	,	,											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	12:33:44.60			45,82	1							23					
OZOL	e	d	1	12:33:46.59			49,39	1							25					

15/02/2016	12:34:12,46	46,4011	10,7720	8,52	1,2		0	0	1,1	90	0	1,1	B	0,28	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	i	d	1	12:34:14.54	6,3	294	15,79	2	144							0,27		0,11	0	
OZOL	e		1	12:34:16.53	21,5	89	19,3	2	112							0,12		-0,2	1,3	
GAGG	e		2	12:34:19.39	38,1	158			103							0,25			1,4	
RONC	e		2	12:34:20.98	48,1	194	26,91	2	100							0,17		-0,42	1,2	

QUATERLY BULLETTIN *January-March 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			

15/02/2016	13:54:58,85	,	,											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		1		13:54:58.85			59,16	1							27					

15/02/2016	15:31:10,02	46,1335	11,1805	0,28	1		0	0	0,4	90	0	0,4	D	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	15:31:12.58	15,1	128				91						-0,01			0,9	
GAGG	e	c	1	15:31:13.09	18	252				91						-0,01			1	
ZIAN	e		2	15:31:15.69	33,5	62				90						-0,06			1	

15/02/2016	15:37:46,76	46,1326	11,1801	4,22	1,2		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	15:37:49.41	15	127				106						-0,01			1,1	
GAGG	i	c	1	15:37:49.91	18	252				103						0			1,2	
DOSS	e		2	15:37:51.58	28,1	179				99						-0,03			1,2	
ZIAN	e		2	15:37:52.53	33,6	62				97						-0,01			1,1	
CARE	e		2	15:37:55.20	49,4	311				95						-0,03			0	

16/02/2016	07:11:23,00	,	,											10	MOGGIO UDINESE (UD)				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
PANI			3	07:11:23.00			41,06	1							108					
DOSS			3	07:11:25.18			45,02	2							106					
OZOL			2	07:11:25.76			45,95	2							107					

16/02/2016	10:36:08,06	46,1419	11,1485	4	1,4		0	0	0,3	90	0	0,3	C	0,05	2	TRENTO	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
GAGG	e		2	10:36:10.87	16,1	246				104						-0,02			1,4	
PANI	i	c	2	10:36:11.13	17,6	125				103						-0,02			1,2	
DOSS	e	c	2	10:36:13.06	29,3	174				98						-0,05			1,4	
ZIAN	e		2	10:36:14.13	35,3	65				96						0			1,1	
VARA	e		3	10:36:15.18	40,2	209				96						0,22			1,9	
CARE	e		2	10:36:16.11	46,8	312				95						0,02			1,6	

16/02/2016	10:37:38,73	,	,											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		2		10:37:38.73			39,01	2							22					

16/02/2016	16:07:25,64	46,5293	11,1868	2,37	0,6		0	0	0,6	90	0	0,6	B	0,06	0	TESIMO (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	16:07:32.42	39,4	253				93						0,03			0		

16/02/2016	19:21:15,73	,	,											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		2		19:21:15.73			16,02	1							26					

QUATERLY BULLETTIN *January-March 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			

17/02/2016	05:08:32,01	45,9230	10,9678	4,53	1,1		0	0	1,3	90	0	1,3	C	0,22	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	05:08:34.07	12,1	207	36,13	2	111							-0,15		0,18	1,2	
GAGG	e		2	05:08:35.31	17,8	358	38,18	2	104							0,15		0,56	1,2	
RONC	e		2	05:08:36.55	27,5	284	40,65	2	99							-0,23		0,16	0,9	

17/02/2016	08:56:06,84	45,7156	10,0708	24,24	1,4		0	0	2,9	90	0	2,9	D	0,17	0	SARNICO (BG)				
st_name	p_rem	m	w_p	time_s	dist	azm	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	08:56:16.75	52	56				98						0,31			1,4	

17/02/2016	11:50:24,06	46,1493	11,1736	1,49	1,1		0	0	0,5	90	0	0,5	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	e		2	11:50:26.88	16,6	131				95						-0,02			1,1	
GAGG	e		2	11:50:27.07	18,2	246				95						-0,1			1,1	
OZOL	e		2	11:50:29.23	29,8	342				93						0,08			0,9	
DOSS	e		2	11:50:29.29	30	178				93						0,11			1,1	

17/02/2016	14:00:00,49	,	,											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	14:00:00,49			1,78	1							23					

17/02/2016	14:40:32,95	,	,											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	14:40:32.95			33,12	1							19					

17/02/2016	17:57:27,29	46,3405	10,3216	3,22	1,2		0	0	0,5	90	0	0,5	C	0,09	0	VALLE GROSINA (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	17:57:32.45	30,4	72	36,75	3	96							-0,06		0,17	1,4	

17/02/2016	19:28:34,93	45,8505	11,0439	8,61	0,9		0	0	0,1	90	0	0,1	C	0,01	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
DOSS	e		2	19:28:37.41	11,7	74	39,36	2	126							-0,01		0	0,8	
VARA	e		1	19:28:37.43	11,8	257	39,37	2	126							0		0	1,1	

17/02/2016	20:17:19,56	,	,											10	ST ANTON ARLBERG [A]	M 3.0(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	20:17:19.56			30,52	1							167					
OZOL	e	d	1	20:17:22.81			35,73	1							170					
RONC	e	d	1	20:17:26.67			43,62	2							172					
GAGG	e	d	1	20:17:26.73			43,53	2							167					
ZIAN	i	d	1	20:17:29.33			47,66	2							174					
VARA			2	20:17:30.57			50,64	2							173					
PANI			2	20:17:30.66			48,8	2							170					
DOSS	e	d	1	20:17:31.58			50,92	2							165					

QUATERLY BULLETTIN *January-March 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				

18/02/2016	01:41:35,90	45,8643	10,5365	9,33	0,7		0	0	0,8	90	0	0,8	C	0,16	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		1	01:41:39.00	14,6	27	40,99	2	123							0,13		-0,19	0,8		
VARA	e	c	1	01:41:40.89	28,3	99	45,26	2	108							-0,11		0,28	0		

18/02/2016	02:38:40,31	,	,											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	02:38:40.31			41,73	1							29					

18/02/2016	04:31:32,27	45,9455	11,0950	10,54	0,6		0	0	0,5	90	0	0,5	B	0,11	0	NOMI (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	04:31:34.94	10,3	135	36,82	2	136							0,16		0,07	0	
GAGG	e		2	04:31:35.99	18,6	325	38,86	2	120							0,07		0,08	0,8	
VARA	e		2	04:31:36.20	20,3	229	39,09	2	117							0,02		-0,15	0	
PANI	e		2	04:31:36.44	22	58	39,49	2	116							0,01		-0,19	0	

18/02/2016	15:30:22,11	,	,											1	PANI,GAGG				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	15:30:22.11			24,11	1							38							
GAGG			2	15:30:23.66			27,26	3							40							

19/02/2016	07:22:22,78	,	,											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	c	1	07:22:22.78			23,72	1							27					

19/02/2016	18:10:59,82	,	,											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	0	18:10:59.82			60,49	1							23					

20/02/2016	11:06:00,44	45,6638	10,7636	4,46	0,8		0	0	0,9	90	0	0,9	C	0,07	0	CAPRINO VERON. (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	11:06:04.14	20,8	30	6,92	2	102							0,06		0,01	0		

20/02/2016	19:16:19,01	45,7298	11,0216	12,73	1,2		0	0	0,3	90	0	0,3	B	0,13	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	19:16:22.57	14,5	318	25,11	2	131							0,26		0,24	1,1	
DOSS	e	d	1	19:16:23.41	21,2	38	26,47	2	121							0,18		-0,05	1,2	
GAGG	e	c	2	19:16:26.26	39,6	353	31,4	2	108							0,13		-0,27	1,3	
RONC	e		2	19:16:26.37	41,7	312	32,16	3	107							-0,09		-0,12	0,9	
PANI	e		2	19:16:26.84	43,2	34	32,53	3	106							0,13		-0,18	1,4	

QUATERLY BULLETTIN *January-March 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			

21/02/2016	23:03:45,44	45,8853	11,0138	7,76	0,9		0	0	0,8	90	0	0,8	B	0,18	0	ISERA (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		1	23:03:47.86	11,3	234	49,66	2	125							0,09		0,06	0,9	
DOSS	e	d	1	23:03:48.07	13,6	92	50,43	2	120							-0,04		0,23	0,8	

22/02/2016	11:41:49,61	46,1346	11,1865	7,97	1,4		0	0	0,4	90	0	0,4	B	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	e	c	2	11:41:52.43	14,8	129				118						-0,05			1,3	
GAGG	e	c	2	11:41:52.93	18,5	252				113						-0,13			1,3	
DOSS	e		2	11:41:54.63	28,3	180				106						-0,01			1,3	
ZIAN	i	c	1	11:41:55.53	33,1	62				104						0,1			1,1	
VARA	e		2	11:41:56.96	41	213				101						0,2			1,4	
CARE	e		2	11:41:58.10	49,6	311				99						-0,1			0	

22/02/2016	12:25:08,18	45,7795	11,0436	11,43	1,4		0	0	0,4	90	0	0,4	B	0,15	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	1	12:25:11.28	12,6	294	13,47	2	132							0,2		0,12	1,3		
DOSS	e		2	12:25:11.70	15,9	45	14,28	2	126							0,17		0,15	1		
GAGG	i	d	1	12:25:14.45	34,4	349	18,88	2	108							0,07		-0,34	1,3		
RONC	e		2	12:25:15.37	39,6	304			106							0,14			1,2		
CARE	e		2	12:25:21.43	76,5	340			98							0,02			0		

22/02/2016	15:52:36,54	46,1378	11,1791	3,16	1		0	0	0	90	0	0	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	15:52:39.26	15,4	129				102						0,02			1		
GAGG	e	c	2	15:52:39.66	18,1	251				100						-0,03			1		
DOSS	e		2	15:52:41.45	28,7	179				96						-0,03			1,1		

23/02/2016	00:00:36,85	,	,											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	00:00:36.85			38,62	2							24					

23/02/2016	03:14:48,14	45,8400	11,0333	9,94	0,7		0	0	0,6	90	0	0,6	B	0,08	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	2	03:14:50.69	10,8	262	52,62	2	133							0,05		0,02	1,1		
DOSS	e	c	1	03:14:51.05	12,9	70	53,05	2	128							0,13		-0,03	0		

23/02/2016	04:14:09,88	45,8626	10,1755	13,55	1,2		0	0	1,7	90	0	1,7	C	0,13	0	DARFO-BOARIO T. (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	04:14:16.82	37,1	69	21,99	3	110							0,18		0,09	1,4		

23/02/2016	06:35:55,72	,	,										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	c	1	06:35:55.72			56,81	1							26					

QUATERLY BULLETTIN *January-March 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				

23/02/2016	10:32:26,21	,	,											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	c	1	10:32:26.21			27,57	1							25					

23/02/2016	12:18:21,49	46,6316	10,2833	7,74	1,3		0	0	0,5	90	0	0,5	C	0,13	0	ACQUA 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	12:18:28.36	39,3	126	33,3	2	101							0,03		-0,37	1,6			

23/02/2016	14:51:09,18	46,3175	10,9421	11,32	0,8		0	0	0,6	90	0	0,6	B	0,12	0	CLES (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	
OZOL	e		2	14:51:12.33	12,7	41	14,55	2	132							0,23		0,18	0,5		
CARE	e	d	1	14:51:13.51	22,3	302	16,68	2	117							0,05		-0,11	0		
GAGG	e		2	14:51:14.05	26	177	17,73	2	114							0,01		-0,09	1,1		

23/02/2016	15:40:22.02	,	,											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	c	1	15:40:22.02			23,92	1							25					

24/02/2016	06:32:28,26	46,6328	10,2833	9,03	2,4		0	0	0,3	90	0	0,3	B	0,14	0	ACQUA DEL GALLO (SO)	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
CARE	e		2	06:32:35.11	39,3	126	40,05	2	103							-0,04		-0,48	1,7	
OZOL	e		2	06:32:39.54	64,2	113			98							0,19			2,6	
RONC	e	c	1	06:32:41.64	77	160			97							0,12			2,9	
GAGG	e		1	06:32:42.22	80,2	140			96							0,17			2,2	

24/02/2016	06:49:03,38	46,6315	10,2898	7,78	1,1		0	0	0,5	90	0	0,5	C	0,08	0	ACQUA 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	06:49:10.18	38,8	126	15,29	2	101							0,03		-0,14	1,3	

25/02/2016	06:50:52,13	,	,											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	06:50:52.13			53,45	2							25					

25/02/2016	11:22:12,95	46,1390	11,1820	7,14	1,2		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	2	11:22:15.82	15,4	130				115						-0,02			1,1	
GAGG	e	c	2	11:22:16.22	18,3	250				111						-0,09			1,2	
DOSS	e		2	11:22:18.08	28,8	179				104						0,06			1,1	
OZOL	e		2	11:22:18.48	31	341				103						0,09			1,3	
ZIAN	e	c	2	11:22:18.74	33,1	63				102						0			1	
CARE	e	c	2	11:22:21.39	49	310				98						-0,02			0	

QUATERLY BULLETTIN *January-March 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				

25/02/2016	20:55:33,04	,	,											10	MANTOVA				M 3.0(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	e	d	2	20:55:33.04			47,34	1							182							
DOSS	e	d	1	20:55:33.72			48,04	2							181							
RONC	e	d	2	20:55:36.29			53,7	2							179							
PANI	e	d	1	20:55:36.98			52,74	1							181							
GAGG	e	d	1	20:55:37.49			54,19	1							181							
ZIAN	e	d	1	20:55:41.24			60,05	1							181							
OZOL	e	d	2	20:55:42.90			63,31	1							179							
CARE	e	d	1	20:55:43.88			64,11	1							179							

25/02/2016	21:45:08,78	,	,											10	POGGIO RUSTICO (MN)				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	e	d	2	21:45:08.78			23,48	1							102					
DOSS			2	21:45:09.77			24,12	2							101					
RONC			2	21:45:12.57			29,49	2							100					
PANI			2	21:45:12.61			28,97	2							100					
GAGG			3	21:45:13.31			29,49	2							102					
ZIAN	e	d	1	21:45:16.66			35,57	1							103					
OZOL			2	21:45:18.94			38,8	2							99					
CARE			3	21:45:19.96			39,97	2							100					

26/02/2016	11:13:31,24	46,1336	11,1895	4,37	1,1		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	i	c	2	11:13:33.91	14,5	129				107						0,08			1	
GAGG	i	c	2	11:13:34.40	18,7	253				103						-0,12			1,1	
DOSS	e		2	11:13:36.14	28,2	180				99						0,03			1,1	
OZOL	e		2	11:13:36.74	31,8	340				98						0,01			1	
ZIAN	e		2	11:13:36.87	32,9	61				98						-0,04			1	

26/02/2016	18:50:30,98	,	,											10	IMST [A]				M 2.3(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			2	18:50:30.98			42,6	2							104							
OZOL			2	18:50:31.32			44,44	2							103							
ZIAN	i	c	2	18:50:35.06			50,09	2							111							
GAGG			3	18:50:38.02			55,9	3							101							
PANI			3	18:50:38.37			56,74	3							102							
RONC			3	18:50:40.60			58,01	3							105							
DOSS			3	18:50:41.32			61,12	3							103							
VARA			2	18:50:43.29			64,64	3							107							

26/02/2016	20:17:51,43	,	,											0	PANI					
st_name	p_rem	m	w_p	time_s	dist	azm	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	20:17:51.43			53,8	1							26					

27/02/2016	21:08:15,04	,	,												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	21:08:15.04			16,37	2							30					

QUATERLY BULLETTIN January-March 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				

28/02/2016	09:36:08,44	,	,											10	LANZADA (SO)	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	e	c	1	09:36:08.44			14,73	2							71					
RONC			2	09:36:10.65			19,53	2							73					
GAGG			3	09:36:13.48			23,11	3							71					
OZOL			3	09:36:13.61			23,31	2							72					
VARA			2	09:36:15.40			26,92	3							75					

28/02/2016	09:56:52,19	,	,											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	09:56:52.19			52,74	1							28					

28/02/2016	11:19:51,97	46,4630	10,9738	2,23	1,1		0	0	1,2	90	0	1,2	C	0,09	0	RUMO (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
OZOL	e	d	1	11:19:53.42	8,9	138	54,78	2	104							-0,12		0,01	1	
CARE	e		2	11:19:55.76	21,7	259	58,55	2	96							0,07		-0,05	1	

28/02/2016	11:20:19,73	,	,										0	OZOL,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
OZOL	i	d	1	11:20:19.73			21,13	1							25					
CARE			2	11:20:22.12			24,79	2							29					

28/02/2016	15:35:54,97	,	,											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	15:35:54.97			55,84	2							26					

28/02/2016	16:28:22,07	46,6798	10,6326	9,23	0,9		0	0	0,8	90	0	0,8	B	0,17	0	VAL 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	16:28:27.23	28,8	170	31,14	2	108							-0,02		-0,15	0	

29/02/2016	18:51:27,46	,	,											10	MODENA	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	18:51:27.46			41,28	2							105					
DOSS			3	18:51:28.32			41,57	3							108					
PANI			2	18:51:31.31			47,24	2							105					
RONC			3	18:51:31.38			47,05	3							105					
GAGG			2	18:51:31.96			48,19	2							108					
ZIAN	e	c	2	18:51:35.55			54,18	1							108					
OZOL			3	18:51:37.45			57,42	2							105					
CARE			3	18:51:38.60			58,81	3							114					

QUATERLY BULLETTIN *January-March 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			

01/03/2016	02:12:48,32	46,3023	10,3808	1,27	1,4		0	0	0,3	90	0	0,3	C	0,14	0	VAL GRANDE (BS)			M1.3(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	i	c	0	02:12:53.04	27,9	61	56,72	2	93							-0,06		-0,1	1,3	
RONC	i	d	2	02:12:55.44	40,3	152	60,45	2	92							0,22		-0,15	1,4	
GAGG	i	c	1	02:12:57.13	50,8	119	63,49	3	91							0,12		-0,3	1,4	
OZOL	e		2	02:12:57.33	52,8	78			91							-0,03			0	

01/03/2016	09:35:59,70	,	,											0	OZOL,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
OZOL		2		09:35:59.70			62,82	1							39					
CARE		3		09:36:03.43			8,79	3							40					

01/03/2016	22:18:41,39	,	,											10	FERRARA	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
DOSS	e	c	2	22:18:41.39			56,07	3							98					
VARA			3	22:18:41.56			55,38	3							101					
PANI			2	22:18:43.55			60,62	2							100					
GAGG			2	22:18:45.00			62,23	2							99					
RONC			3	22:18:45.46			62,14	3							100					
ZIAN			3	22:18:47.17			65,95	3							102					
CARE			3	22:18:51.63			73,56	3							95					

01/03/2016	22:21:09,92	45,7500	10,5518	7,54	1,7		0	0	0,5	90	0	0,5	B	0,14	0	BAGOLINO (BS)			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
VARA	e	2	22:21:14.77	28,1	73					105						-0,13			0	
RONC	e	2	22:21:14.82	26,2	12					106						0,23			1,5	
GAGG	e	2	22:21:18.17	48,7	40					99						-0,17			1,6	
DOSS	e	2	22:21:19.04	51,6	74					98						0,21			1,6	
PANI	e	2	22:21:21.89	69,4	61					96						0,04			1,6	
CARE	e	2	22:21:23.00	75,8	9					96						0,05			0	

02/03/2016	10:59:08,08	46,1461	11,1505	2,71	1,2		0	0	0,2	90	0	0,2	C	0,02	2	TRENTO (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
GAGG	e		2	10:59:10.92	16,4	245				99						-0,01			0	
PANI	i	c	2	10:59:11.16	17,8	127				99						0			0,9	
CARE	e		2	10:59:16.11	46,7	312				93						0,04			0	

02/03/2016	23:42:28,67	45,4693	10,4056	14,61	2,2		0	0	1,4	90	0	1,4	C	0,18	0	CALCINATO (BS)			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	e	2		23:42:38.68	55,1	44	46,12	3	105							0,27		0,11	2,1	
RONC	e	2		23:42:39.13	59,3	17			104							0,02			2,3	
GAGG	e	2		23:42:43.02	80,7	32			100							0,33			2,2	

03/03/2016	10:34:07,57	45,7008	10,9171	12,33	1,1		0	0	0,6	90	0	0,6	C	0,06	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	i	d	1	10:34:10.82	14	353	13,17	2	131							0,06		-0,08	1,4		

QUATERLY BULLETTIN *January-March 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					

03/03/2016	12:35:04,47	46,1343	11,1818	6,98	1,5		0	0	0,3	90	0	0,3	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
GAGG	i	c	2	12:35:07.72	18,2	252				111						-0,07			1,4	
DOSS	e		2	12:35:09.45	28,3	179				104						0			1,4	
OZOL	e		2	12:35:10.04	31,5	341				102						0,05			1,3	
ZIAN	e	c	1	12:35:10.30	33,4	62				102						0			1,2	
VARA	e		2	12:35:11.68	40,8	213				100						0,14			2	
CARE	e	c	2	12:35:12.96	49,3	311				98						-0,03			0	

03/03/2016	13:22:33,04	45,8613	10,7050	11,12	0,8		0	0	0,8	90	0	0,8	B	0,14	0	LEDRO (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	13:22:36.30	15,4	105	38,87	2	126							0,01		0,05	0				

04/03/2016	06:57:18,36	45,9734	10,7265	8,17	1,1		0	0	0,4	90	0	0,4	B	0,1	0	ZUCLO (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	d	1	06:57:20.39	8,1	276	21,92	2	135							0,06		0,06	0,7		
VARA	e		2	06:57:22.19	21	141	25,23	2	111							-0,03		0	1,3		

04/03/2016	15:51:59.82		,		,											10	SIENA			M 3.4(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	15:51:59.82											209							
DOSS			3	15:51:59.91			97,26	3							207							
RONC	e	c	2	15:52:02.65											206							
PANI			3	15:52:03.54			39,76	3							206							
GAGG			3	15:52:03.58											206							
ZIAN	i	c	2	15:52:06.41			40,26	3							210							
OZOL	i	c	2	15:52:08.46			46,19	3							205							
CARE			3	15:52:09.08			44,52	3							204							

06/03/2016	00:28:27,70	45,8531	10,9291	15,94	0,8		0	0	1,1	90	0	1,1	C	0,19	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	00:28:30.82	3,9	220	32,84	2	166							0,32		0,15	0,8		
DOSS	i	c	1	00:28:32.11	20,4	82	35,25	2	128							-0,01		-0,32	1		
GAGG	e		2	00:28:33.00	25,7	5	36,88	2	122							0,13		-0,02	0		

07/03/2016	00:11:02,27	,	,												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	0	00:11:02.27			3,17	1							23					

07/03/2016	03:32:33,14	45,7798	11,1411	11,22	1		0	0	0,6	90	0	0,6	B	0,2	0	VALLARSA (TN)			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
DOSS	i	d	1	03:32:36.20	11,7	18	38,23	2	134							0,28		0,15	1,2	
VARA	e		2	03:32:37.23	19,7	285	40,29	2	120							0,21		0,25	0	
PANI	e	c	2	03:32:39.37	33,7	27	43,54	2	108							0,16		-0,4	1,1	
GAGG	e	d	2	03:32:39.87	36,6	337	45,07	3	107							0,19		0,28	1,3	
RONC	e		2	03:32:41.23	46	299	47,21	3	104							-0,01		-0,34	0,9	

QUATERLY BULLETTIN *January-March 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			

07/03/2016	14:13:00,30	,	,											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	d	1	14:13:00.30			1,46	1							21					

08/03/2016	08:09:39,22	45,8870	11,4001	12,5	1		0	0	0,7	90	0	0,7	B	0,1	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	e		2	08:09:42.81	16,4	267	45,61	2	127							0,05		0,1	0,9	
PANI	e	c	1	08:09:43.11	18,9	344	46,04	2	123							0,01		-0,09	1,1	

08/03/2016	08:43:00,36	,	,											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			2	08:43:00.36			1,53	1							21					

08/03/2016	09:59:08,90	,	,											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	c	1	09:59:08.90			12,37	2							26					

09/03/2016	07:53:53,45	46,3996	10,1665	11,48	1,2		0	0	1,5	90	0	1,5	C	0,22	0	VALLE GROSINA (SO)		M 1.1(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	i	c	1	07:54:00.75	40,9	86	6,14	2	106							0,04		-0,23	1,4	
GAGG	e		2	07:54:05.58	70,5	120			99							-0,07			0	

09/03/2016	11:03:40,90	46,1328	11,1871	6,35	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	i	c	2	11:03:43.62	14,6	129				113						-0,01			0,9	
GAGG	i	c	2	11:03:44.22	18,5	253				109						-0,03			0,9	
DOSS	e		2	11:03:45.82	28,1	180				103						-0,01			1,1	
ZIAN	i	c	1	11:03:46.68	33,1	61				101						0,01			0,9	

09/03/2016	13:01:40,39	,	,											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	i	c	2	13:01:40.39			55,12	2							103					
DOSS			3	13:01:41.92			55,8	3							100					
GAGG			3	13:01:44.95			61,16	2							101					

09/03/2016	21:07:27,69	45,6740	11,0950	5,56	0,6		0	0	0,3	90	0	0,3	B	0,06	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	e		2	21:07:31.80	22,9	318	34,87	2	104							0,08		0,01	0	
DOSS	e		2	21:07:31.94	24	18	35,09	2	103							0,03		-0,11	0,8	

10/03/2016	01:15:31,37	,	,											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	01:15:31.37			32,38	1							24					

QUATERLY BULLETTIN *January-March 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			

10/03/2016	10:03:28,80	,	,											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	10:03:28.80			30,28	2							28					

10/03/2016	15:42:52,09	46,1325	11,1820		3,86	1,2		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	i	c	1	15:42:54.71	14,9	128			105							-0,01			1,1	
GAGG	i	c	2	15:42:55.26	18,1	253			102							0,01			1	
DOSS	i	c	2	15:42:56.92	28,1	179			98							-0,01			1,2	

10/03/2016	15:43:16,13	,	,											0	CARE	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
CARE			1	15:43:16.13			16,73		2											

10/03/2016	17:12:44,03	46,1363	11,1771		1,37	1,1		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	17:12:46.61	15,5	128			95							-0,07			1,2	
GAGG	i	c	1	17:12:47.13	17,9	251			94							0,04			1	
DOSS	i	c	2	17:12:48.80	28,5	178			93							-0,1			1,1	
ZIAN	i	c	1	17:12:49.73	33,6	62			92							-0,05			0,7	

10/03/2016	21:44:38,32	46,7166	10,9088		4,76	1,2		0	0	0,4	90	0	0,4	C	0,15	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
CARE	i	c	1	21:44:44.53	36,3	207	49,18	2	97							-0,05		-0,28	0	
OZOL	e		2	21:44:44.76	36,5	163	49,6	2	97							0,14		0,08	1,3	
ZIAN	i	c	1	21:44:50.31	70,1	134			94							-0,03			1,4	
PANI	e	c	2	21:44:52.39	80,9	156			93							0,21			0	
DOSS	e		2	21:44:54.85	95,5	167			93							0,19			1,6	

10/03/2016	23:29:36,53	46,8153	10,1821		6,37	2		0	0	0,8	90	0	0,8	C	0,24	0	GUARDA [CH]	M 1.9(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
CARE	i	d	2	23:29:46.58	58,7	138			96							-0,04			1,5	
OZOL	e	c	2	23:29:50.66	80,8	125			95							0,27			1,9	
RONC	e	c	2	23:29:53.51	98,8	160			94							0,07			2,3	
GAGG	e	c	2	23:29:53.95	100,9	144			94							0,14			1,8	

11/03/2016	02:27:14,16	46,6685	10,3008		5,91	0,6		0	0	0,8	90	0	0,8	C	0,17	0	TSCHIERV [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	02:27:20.90	40,7	132			98							-0,3			0	

11/03/2016	05:44:33,73	,	,											0	VARA,DOSS					
st_name	p_rem	m	w_p	time_s	dist	azm	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	05:44:33.73			35,89	1							29					
DOSS	i	c	1	05:44:33.90			36,33	1							30					

QUATERLY BULLETTIN *January-March 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			

11/03/2016	06:31:16,86	46,5486	10,3515	5,96	1,1		0	0	0,6	90	0	0,6	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		1	06:31:22.10	29,9	117	25,92	2	101							0,02		-0,23	1,1		

11/03/2016	10:10:43,62	45,8911	11,7270	11,76	1,4		0	0	0,8	90	0	0,8	B	0,08	0	MONTE GRAPPA (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	e		3	10:10:51.20	41,8	268	56,76	2	106							0,16		-0,07	1,6	

11/03/2016	20:34:21,52	46,6886	10,6350	8,67	1,6		0	0	0,4	90	0	0,4	B	0,16	0	MAZIA (BZ)			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	c	1	20:34:26.80	29,8	171	30,5	2	106							-0,01		-0,45	1,2	
OZOL	e		2	20:34:29.45	45	135	35,11	3	101							0,1		-0,36	1,3	
GAGG	e		2	20:34:34.03	71,7	160			97							0,16			1,7	
RONC	e		2	20:34:34.94	78,7	181			96							-0,11			1,8	
ZIAN	i	c	1	20:34:36.23	84,7	123			96							0,15			1,5	
DOSS	e		2	20:34:38.74	99,5	155			95							0,15			1,7	

11/03/2016	20:40:26,43	45,7729	10,9781	11,59	1,1		0	0	0,3	90	0	0,3	B	0,12	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	1	20:40:29.13	8,7	313	31	2	143							0,22		0,17	1,1		
DOSS	e		2	20:40:30.63	20,2	54	33,32	2	120							0,21		-0,21	0,9		
GAGG	e		1	20:40:32.76	34,5	357	37,39	2	109							0,1		-0,13	1		
RONC	e		2	20:40:32.82	36	310	37,67	2	108							-0,07		-0,26	1		
PANI	e		2	20:40:33.86	41,5	42			106							0,07			1,3		
ZIAN	e		2	20:40:38.96	72	39			99							0,06			1,3		
CARE	e	c	2	20:40:39.64	75,6	343			99							0,13			0		

12/03/2016	02:33:10,28	45,7638	11,0886	10,38	0,9		0	0	0,3	90	0	0,3	B	0,11	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	i	d	1	02:33:13.61	15,1	31	15,94	2	125							0,2		0,09	0,6		
VARA	i	c	1	02:33:13.70	16,5	295	16,27	2	122							0,1		0,07	1		
GAGG	e	d	1	02:33:16.89	36,9	344	21,86	2	106							0,06		-0,09	1,3		
PANI	e		2	02:33:16.95	37,2	31	21,92	3	106							0,07		-0,1	1,2		

12/03/2016	08:16:29,60	,	,											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	08:16:29.60			30,49	1							24					

12/03/2016	10:47:40,86	46,6890	10,0678	9,23	1,4		0	0	1	90	0	1	B	0,2	0	DELRAS [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	10:47:50.87	56,5	121			99							0,22			0	

12/03/2016	12:50:49,01	,	,											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	e	c	1	12:50:49.01			50,13	1							28					

QUATERLY BULLETTIN *January-March 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			

13/03/2016	00:58:49,37	46,6880	10,6328	11,45	3,1		0	0	0,5	90	0	0,5	B	0,25	0	MAZIA (BZ)				M 3.2(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	i	c	1	00:58:55.01	29,7	170	58,83	2	111							0,2		-0,22	2,4				
OZOL	i	d	1	00:58:57.56	45,1	135	63,27	2	104							0,24		-0,25	2,9				
GAGG	e	c	2	00:59:01.89	71,7	160			99							0,11			3,2				
RONC	i	c	1	00:59:03.04	78,6	181			98							0,1			3,4				
ZIAN	e	d	2	00:59:04.18	84,8	123			98							0,18			2,8				
PANI	e		2	00:59:04.93	89,1	143			97							0,21			3				
VARA	e	d	2	00:59:06.05	97,9	168			97							-0,17			2,7				
DOSS	e		2	00:59:06.56	99,5	154			97							0,07			3				

13/03/2016	05:42:17,05	45,6710	10,6376	13,44	1,3		0	0	0,5	90	0	0,5	B	0,09	0	GARGNANO (BS)			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	05:42:22.28	26,5	49	26,2	2	117							0,14		0,1	0		
RONC	e		2	05:42:23.43	34,5	358	28,54	3	111							0,05		0,23	1,4		
DOSS	e		2	05:42:25.76	48,8	62			105							0,05			1,3		

13/03/2016	11:29:55.76	,	,											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	c	0	11:29:55.76			57	2							30					

13/03/2016	20:01:01,41	,	,											10	ST ANTON ARLBERG [A]	M 2.3(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	c	1	20:01:01.41			12,12	1							113					
OZOL			3	20:01:04.61			17,13	2							120					
GAGG			3	20:01:08.42			24,15	3							119					
RONC	e	c	1	20:01:08.53			25,12	2							123					
ZIAN			2	20:01:10.72			29,13	3							126					
PANI			3	20:01:12.53			30,24	3							121					
DOSS			3	20:01:13.39			32,92	3							118					
VARA			3	20:01:14.00			32,12	3							126					

14/03/2016	04:40:07,26	46,5995	10,4771	11,15	1,2		0	0	0,7	90	0	0,7	C	0,17	0	TUBRE (BZ)				M 0.8(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	i	c	1	04:40:12.28	25,8	139	15,63	2	113							0,22		-0,18	0		
RONC	e		2	04:40:19.49	69,7	171			99							0,16			0		

14/03/2016	10:55:18,02	45,8376	11,8548	9,85	1,4		0	0	1	90	0	1	C	0,09	0	CAVASO D. TOMBA (TV)	M 1.4(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	10:55:30.83	74,5	269				98						-0,03			2	

14/03/2016	11:09:14,01	46,1836	11,1998	8,15	1		0	0	0,2	90	0	0,2	B	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	11:09:17.39	18,1	145				114						-0,01			0,9	
GAGG	i	c	2	11:09:17.97	21,7	239				111						0			1	
OZOL	i	c	2	11:09:18.86	27	335				107						0,03			0,9	
ZIAN	e	c	1	11:09:19.27	29,9	70				105						-0,03			0,9	
CARE	e	c	2	11:09:22.18	47,1	305				100						0			0	

QUATERLY BULLETTIN January-March 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				

14/03/2016	13:36:56,84	,	,											10	CUNEO	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
RONC	e	c	2	13:36:56.84											237					
VARA			3	13:36:58.25											240					
DOSS			3	13:37:00.53			39,97	3							240					
GAGG			3	13:37:00.64											240					
CARE			3	13:37:02.58			41,02	3							240					
PANI			3	13:37:03.07											237					
OZOL			3	13:37:06.53			58,12	3							239					
ZIAN			3	13:37:07.31											243					

14/03/2016	20:30:53,22	46,7335	10,7411	9,26	1,2		0	0	0,7	90	0	0,7	C	0,27	0	VAL 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	c	2	20:30:59.57	34,5	186	63,95	2	105							0,24		-0,14	1,4	
OZOL	e		2	20:31:01.05	43,7	147	6,64	2	102							0,19		-0,19	1,1	
ZIAN	e		2	20:31:07.12	81	129			97							-0,04			0	

15/03/2016	02:15:07,42	,	,												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
PANI			3	02:15:07.42																
DOSS			2	02:15:07.79																
ZIAN	i	c	2	02:15:09.79																
VARA			3	02:15:10.69																
GAGG			3	02:15:11.89																
OZOL			3	02:15:15.32																
RONC			3	02:15:18.53																
CARE			3	02:15:18.54																

15/03/2016	02:18:26,39	45,5865	11,9846	17,5	1,7		0	0	0,7	90	0	0,7	C	0,2	0	PIOMBINO DESE (PD)			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
DOSS	e	d	1	02:18:38.91	70	298	48,1	3	104							0,18		-0,25	1,8	
PANI	e	d	2	02:18:39.14	72,2	316			104							0,05			1,8	
ZIAN	e	d	2	02:18:40.90	83,4	337			102							-0,05			1,7	
VARA	e	c	2	02:18:41.83	88,8	287			59							0,07			2	
GAGG	e	d	2	02:18:43.09	97	305			59							0,13			1,8	

15/03/2016	02:19:30,84	45,5785	11,9853	18,75	1,7		0	0	0,7	90	0	0,7	C	0,16	0	NOALE (VE)			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
DOSS	i	d	2	02:19:43.38	70,5	298				105						0,07			1,9	
PANI	e	d	2	02:19:43.64	72,9	316				104						-0,06			1,7	
ZIAN	e		2	02:19:45.27	84,2	337				59						-0,15			1,8	
VARA	e		2	02:19:46.21	89,1	288				59						0,06			0	
GAGG	i	d	2	02:19:47.55	97,5	305				59						0,17			1,8	

15/03/2016	02:43:14,24	45,5738	12,0106	18,38	1,6		0	0	1,2	90	0	1,2	C	0,18	0	NOALE (VE)			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
DOSS	e	d	2	02:43:26.99	72,5	298				104						-0,03			1,7	
PANI	e		2	02:43:27.28	74,6	315				104						-0,1			1,7	
ZIAN	e		2	02:43:28.96	85,4	336				59						-0,08			1,5	
GAGG	e		2	02:43:31.12	99,4	305				59						0,02			1,8	

QUATERLY BULLETTIN *January-March 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			

15/03/2016	02:46:47,13	45,5765	12,0111	18,68	1,6		0	0	1	90	0	1	C	0,15	0	NOALE (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	e	d	2	02:46:59.92	72,4	298				104						0,01			1,6		
PANI	i	d	1	02:47:00.17	74,5	315				104						-0,08			1,6		
ZIAN	e	d	2	02:47:01.88	85,2	336				59						0,01			1,6		
VARA	e		3	02:47:02.70	91,1	288				59						-0,04			2		
GAGG	e	d	2	02:47:04.08	99,3	305				59						0,14			1,6		

15/03/2016	02:47:23,59	45,5780	12,0061	18,64	1,8		0	0	0,6	90	0	0,6	C	0,11	0	NOALE (VE)			DOUBLE EV. 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	e	d	2	02:47:36.31	71,9	298				105						0,01			2	
PANI	e	d	2	02:47:36.58	74,1	315				104						-0,07			1,7	
ZIAN	e	d	2	02:47:38.30	84,9	336				59						0,01			1,9	
VARA	e		2	02:47:39.20	90,7	288				59						0,06			1,9	
GAGG	i	d	2	02:47:40.49	98,9	305				59						0,14			2	

15/03/2016	02:49:24,26	45,5828	11,9608	18,36	1,4		0	0	1	90	0	1	C	0,15	0	NOALE (VE)			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
DOSS	e		2	02:49:36.50	68,6	299				105						0,11			1,3	
PANI	e		2	02:49:36.61	71,2	317				104						-0,22			1,5	
ZIAN	e		2	02:49:38.49	83	338				59						-0,21			0	
VARA	e		2	02:49:39.35	87,2	288				59						0,04			2	

15/03/2016	02:50:14,68	45,5923	11,9890	13,31	1,4		0	0	1,2	90	0	1,2	C	0,11	0	PIOMBINO DESE (PD)			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
DOSS	e	c	2	02:50:26.99	70	297				101						0,13			1,4	
ZIAN	e	c	2	02:50:29.00	82,9	337				99						-0,03			1,3	
VARA	e		2	02:50:29.86	88,9	287				99						-0,19			0	
GAGG	e		2	02:50:31.19	96,9	304				98						-0,2			0	
OZOL	e		2	02:50:34.46	115,7	321				59						0,09			1,7	

15/03/2016	02:51:03,51	45,5741	11,9968	18,79	1,5		0	0	0,6	90	0	0,6	C	0,13	0	NOALE (VE)			M 1.4(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
DOSS	e		2	02:51:16.09	71,5	298				105						-0,06			1,4	
PANI	e		2	02:51:16.45	73,9	316				104						-0,09			1,5	
ZIAN	e		2	02:51:18.17	85	337				59						-0,03			1,6	
VARA	e	c	2	02:51:19.08	90,2	288				59						0,12			1,9	
GAGG	e		2	02:51:20.31	98,6	305				59						0,11			1,7	

15/03/2016	07:13:48,49	45,5570	12,0428	17,38	1,3		0	0	2,2	90	0	2,2	C	0,15	0	NOALE (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	e		2	07:14:01.75	75,6	298				103						0,01			1,4	
VARA	e		3	07:14:04.73	94,2	289				59						0,08			1,8	

15/03/2016	09:28:45,31	,	,											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	d	1	09:28:45.31			46,49	2							25					

QUATERLY BULLETTIN *January-March 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			

15/03/2016	20:29:38,45	45,7880	10,4925	9,91	0,7		0	0	0,8	90	0	0,8	C	0,14	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		20:29:42.71	23,7	25	46,43	2	113							-0,13		0,17	0,6		
VARA	e	3		20:29:44.16	31,7	82	48,89	3	107							0,04		0,34	0		

16/03/2016	05:05:56,48	46,6925	10,7008	8,49	1,6		0	0	0,4	90	0	0,4	B	0,18	0	MAZIA (BZ)				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	2	05:06:01.84	29,8	181	5,63	2	106							0,07		-0,27	1,2		
OZOL	e		2	05:06:03.98	41,9	140	9,25	2	101							0,19		-0,24	1,7		
RONC	e	c	2	05:06:10.18	79,3	184			96							0,06			1,6		
ZIAN	e		2	05:06:10.67	80,8	125			96							0,31			1,5		

16/03/2016	05:22:55,74	,	,												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
PANI			3	05:22:55.74											236					
DOSS			3	05:22:55.74			89,94	3							234					
ZIAN			3	05:22:56.82			92,95	3							238					
VARA			3	05:22:58.86			95,69	3							238					
GAGG			3	05:22:59.13			98,14	3							235					
OZOL	e	c	2	05:23:01.05			43,42	3							236					
RONC			3	05:23:01.70			40,06	3							237					
CARE	i	c	2	05:23:04.20			46,94	3							232					

16/03/2016	09:21:50,06	46,2588	11,1856	12,58	1,4		0	0	0,6	90	0	0,6	C	0,07	0	PREDAIA (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	
OZOL	e		3	09:21:53.75	19,1	327	57	2	123							-0,22		-0,02	1,7		
GAGG	e		3	09:21:54.98	26,2	222	58,96	3	116							-0,05		0,05	1,3		
CARE	e		2	09:21:57.62	41,9	296	63,37	3	107							0,08		0	1,4		

17/03/2016	07:57:46,84	,	,											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			3	07:57:46.84			48,04	3							25					

17/03/2016	08:46:06,10	,	,											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	08:46:06.10			7,78	1							28					

17/03/2016	12:50:03,70	46,6056	11,3925	6,14	1,3		0	0	0,6	90	0	0,6	B	0,12	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	d	2	12:50:09.63	34,5	229	14,42	2	100							-0,06		0,06	1,4	
ZIAN	e	c	2	12:50:10.57	38,9	160			99							0,14			1,5	
CARE	e		2	12:50:13.48	57	249			96							-0,02			0	

17/03/2016	16:02:12,59	,	,											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	e	c	1	16:02:12.59			13,7	1							26					

QUATERLY BULLETTIN *January-March 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			

17/03/2016	16:39:19,89	46,1335	11,1868	6,44	1,1		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	2	16:39:22.61	14,7	129				114						-0,02			1,1	
GAGG	i	c	2	16:39:23.19	18,5	252				109						-0,05			1,2	
DOSS	i	c	1	16:39:24.86	28,2	180				103						0,03			1,1	
ZIAN	i	c	1	16:39:25.68	33,1	61				101						0,02			1	
CARE	e	c	1	16:39:28.47	49,7	311				97						0,01			0	

17/03/2016	18:37:35,38	,	,											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	e	c	1	18:37:35.38			58,84	2							133					
VARA			3	18:37:37.50											132					
GAGG			3	18:37:39.08			65,98	3							130					
DOSS			3	18:37:39.41											129					
CARE			3	18:37:39.69											129					
PANI			3	18:37:41.87											130					
ZIAN	e	c	3	18:37:45.35											130					

17/03/2016	23:26:03,89	45,7833	11,0531	9,17	0,7		0	0	0,5	90	0	0,5	C	0,05	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	c	1	23:26:06.96	15,1	44	9,23	2	121							0,06		-0,02	0,6		
GAGG	e		2	23:26:09.83	34,2	348				105						-0,11			1		

18/03/2016	00:24:58,57	,	,											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			2	00:24:58.57			71,82	2							122					
ZIAN			3	00:24:59.34			73,56	2							126					
PANI			3	00:25:03.59			20,69	1							120					
GAGG			3	00:25:04.51			21,81	1							119					
DOSS			2	00:25:06.96			26,08	1							120					
RONC			3	00:25:08.00			27,63	3							120					
VARA			3	00:25:08.62			29,93	3							120					

18/03/2016	01:19:01,20	46,4573	10,3589	8,27	0,6		0	0	1,1	90	0	1,1	C	0,15	0	BORMIO (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	01:19:06.02	26,3	98	9,4	2	107							0,12		-0,17	0		

18/03/2016	09:52:13,58	,	,											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	e	c	1	09:52:13.58			15,33	1							30					

18/03/2016	10:06:29,91	,	,											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	e	c	1	10:06:29.91			31,6	2							30					

QUATERLY BULLETTIN *January-March 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			

18/03/2016	11:49:17,07	45,5465	10,0879	13,19	1,6		0	0	2,4	90	0	2,4	C	0,28	0	TRAVAGLIATO (BS)		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
RONC	e		2	11:49:27.86	63,7	41				102						-0,34			1,8	
VARA	e		2	11:49:29.71	70,2	64				101						0,42			1,5	

18/03/2016	12:25:13,06	45,5081	10,8101	25,86	1		0	0	1,3	90	0	1,3	C	0,2	0	BARDOLINO (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	12:25:20.78	36	11	26,46	2	115							0,33		0,25	0		

18/03/2016	23:41:00,37	45,8010	11,1613	13,27	0,6		0	0	0,8	90	0	0,8	B	0,13	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	23:41:03.18	9	14	5,28	2	146							0,07		0,03	0,3		
VARA	e		2	23:41:04.88	20,8	278	7,94	2	123							0,3		0,07	1		
GAGG	e		2	23:41:06.73	35,1	333				111						-0,05			0,8		

19/03/2016	01:32:13,03	,	,											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		
VARA			2	01:32:13.03			27,57	2							124							
DOSS			2	01:32:13.82			28,83	2							124							
RONC	e	d	1	01:32:16.27			34,29	2							122							
PANI	e	d	1	01:32:16.84			33,93	1							121							
GAGG	e	d	1	01:32:17.41			35,02	1							124							
ZIAN			2	01:32:20.82			40,63	1							127							
OZOL			2	01:32:22.62			44,01	2							122							
CARE	e	d	2	01:32:23.62			44,72	2							126							

19/03/2016	09:44:05,94	,	,											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	09:44:05.94			7,42	1							27					

19/03/2016	21:58:07,50	45,7120	11,0348	8,85	0,4		0	0	1,1	90	0	1,1	C	0,17	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	e	d	1	21:58:10.92	16,6	320	13,4	2	118							0,2		0,17	0,6		

20/03/2016	05:46:34,24	45,8648	10,5750	10,58	1,2		0	0	0,9	90	0	0,9	C	0,26	0	BORGIO CHIESE (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	05:46:37.33	13,4	16	39,61	2	128							0,17		0,17	1,2	
VARA	e		2	05:46:38.69	25,3	100				113						-0,24			1	
GAGG	e		2	05:46:41.15	38,4	51	46,65	3	105							0,1		0,28	0,8	
DOSS	e		2	05:46:42.88	47,7	88				103						0,28			0,9	
CARE	e		2	05:46:45.20	62,9	9				100						0,05			0	

20/03/2016	06:06:15,13	46,7181	10,4221	8,74	1,2		0	0	0,8	90	0	0,8	B	0,26	0	MONPICCO (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	06:06:21.96	38,9	147	27,13	2	103							0,02		-0,12	0,9	
RONC	e		2	06:06:29.52	83,4	169			96							0,05			1,3	

QUATERLY BULLETTIN *January-March 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					

20/03/2016	06:10:48,21	45,7333	10,8039	5,32	0,8		0	0	0,9	90	0	0,9	B	0,24	0	BRENZONE (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	06:10:50.28	12,6	35	52,34	2	113							-0,27		-0,02	0	
RONC	e		2	06:10:53.37	30,9	333			100							-0,2			0,7	
DOSS	e		2	06:10:54.45	34,1	61			99							0,34			0,9	

20/03/2016	09:23:13,76	45,4743	10,3168	31,64	1,3		0	0	2,7	90	0	2,7	D	0,19	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	
VARA	e		2	09:23:24.68	59,7	49				109						-0,03			0		
RONC	e		2	09:23:25.25	61,1	23				108						0,34			1,6		

21/03/2016	08:53:00,32	45,5465	10,2976	14,84	1,3		0	0	1,7	90	0	1,7	C	0,13	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	08:53:09.97	54,5	28				105						0			1,2	

21/03/2016	12:50:19,37	,	,											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	12:50:19.37			19,56	1							22					

21/03/2016	21:30:38,34	46,6898	10,7021	9,35	1		0	0	0,7	90	0	0,7	B	0,22	0	MAZIA (BZ)				M 0.9(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			
CARE	e	c	1	21:30:43.79	29,5	181	47,53	2	108							0,16		-0,22	0				
OZOL	e		2	21:30:45.86	41,6	140	50,98	3	103							0,23		-0,34	1,2				

22/03/2016	01:28:37,06	46,6941	10,6990	10,18	1,6		0	0	0,5	90	0	0,5	B	0,2	0	MAZIA (BZ)				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	01:28:42.57	30	180	46,32	2	109							0,1		-0,37	1,1		
OZOL	e	c	1	01:28:44.70	42,2	140	49,86	2	104							0,23		-0,4	1,6		
GAGG	e		2	01:28:49.41	70,8	164			98							0,13			1,6		
RONC	e		2	01:28:50.80	79,5	184			97							0,04			1,5		
ZIAN	e		2	01:28:51.25	81	125			97							0,23			1,5		

22/03/2016	02:12:47,13	,	,											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
ZIAN	i	d	2	02:12:47.13			90,64	3							220					
PANI	i	d	2	02:12:48.68			94,51	3							218					
DOSS				02:12:49.83			98,09	3							216					
OZOL	e	d	2	02:12:52.05			101,7	3							214					
GAGG			3	02:12:52.31			103,4	3							214					
VARA			2	02:12:52.61			104,4	3							215					
CARE			3	02:12:55.04			108,4	3							213					
RONC			3	02:12:56.35			110,6	3							216					

22/03/2016	07:27:42,35	,	,											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	07:27:42.35			43,21	1							23					

QUATERLY BULLETTIN *January-March 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			

22/03/2016	14:02:24,30	,	,											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	14:02:24.30			24,43	1							20					

23/03/2016	05:55:16,22	46,6923	10,7068	7,77	1,5		0	0	0,5	90	0	0,5	B	0,2	0	VAL MAZIA (BZ)	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
CARE	e		1	05:55:21.60	29,8	181	25,37	2	105							0,12		-0,22	1,1	
OZOL	e	d	2	05:55:23.69	41,6	141	28,83	2	101							0,23		-0,27	1,3	
ZIAN	e		2	05:55:30.35	80,4	125			96							0,32			1,7	

23/03/2016	06:05:50,87	,	,											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	06:05:50.87			52,64	2							32					

23/03/2016	09:27:25,56	,	,											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			2	09:27:25.56			43,22	2							107					
RONC			2	09:27:26.43			43,25	2							106					
OZOL			3	09:27:31.54			49,54	3							106					

23/03/2016	09:29:31,76	45,9081	10,2435	18,46	1,7		0	0	1,5	90	0	1,5	C	0,18	0	SACCA (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	09:29:37.89	30,5	75	42,94	3	121							0,03		0,33	1,8	
VARA	e		2	09:29:41.22	51,5	100			110							0,1			0	
CARE	e		2	09:29:43.77	67,3	31			105							0,09			0	

23/03/2016	10:53:07,17	,	,											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	10:53:07.17			8,69	2							23					

23/03/2016	15:24:47,07	,	,											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	15:24:47.07			48,51	2							20					

23/03/2016	17:39:01,05	45,8958	11,3894	14,84	1,4		0	0	0,6	90	0	0,6	B	0,16	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	e	c	1	17:39:04.87	15,7	264	7,57	2	133							0,13		-0,05	1,3	
PANI	i	c	1	17:39:05.14	17,7	346	8,1	2	130							0,14		0,01	1,4	
ZIAN	i	d	2	17:39:08.94	44,4	18	14,82	2	108							-0,11		-0,47	1,3	

23/03/2016	17:58:30,09	45,8876	10,6910	12	1		0	0	0,8	90	0	0,8	B	0,22	0	LEDRO (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	17:58:33.08	11,6	333	35,16	2	136							0,14		-0,01	0,6	
VARA	e	c	2	17:58:33.78	17,4	113	36,79	2	125							0,09		0,28	1,3	

QUATERLY BULLETTIN *January-March 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			

24/03/2016	05:39:45,03	45,8658	10,7813	9,82	1,1		0	0	0,4	90	0	0,4	B	0,16	0	LEDRO (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	d	2	05:39:47.23	10	116	49,3	2	135							-0,2		0,01	0,9		
RONC	e		2	05:39:48.53	17,7	316	51,14	3	119							0,03		-0,06	0,9		
GAGG	i	c	2	05:39:50.06	27,8	30	54,17	2	109							-0,02		0,16	0		
DOSS	e		2	05:39:50.93	31,7	87	55,24	3	107							0,23		0,11	1,4		

24/03/2016	06:12:40,38	46,8211	10,9816	10,79	2,7		0	0	0,4	90	0	0,4	C	0,23	0	VAL SENALES (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
OZOL	e	c	2	06:12:48.83	46,7	173	54,8	2	103							0,25		-0,18	2,9	
CARE	i	c	1	06:12:49.06	49,2	206	55,46	2	102							0,07		-0,24	1,9	
ZIAN	e	d	2	06:12:53.65	75,2	144			98							0,28			2,5	
GAGG	e		2	06:12:54.68	82	181			97							0,16			2,7	
PANI	e		2	06:12:56.17	89,8	162			97							0,32			2,8	
RONC	e		2	06:12:56.92	97,4	196			96							-0,21			2,8	

24/03/2016	06:47:32,77	,	,											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	06:47:32.77			33,55	0							28					

24/03/2016	11:04:42.02	46,1733	11,1901	12,07	0,9		0	0	0,5	90	0	0,5	B	0,07	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
GAGG	e		2	11:04:46.10	20,5	241				121						0,01			0,9	
OZOL	e		2	11:04:47.12	27,7	337				114						-0,07			0,8	
ZIAN	e		2	11:04:47.67	31	68				111						-0,04			0,9	
DOSS	e		2	11:04:48.03	32,6	180				110						0,06			0	
CARE	e		2	11:04:50.45	47,1	306				104						0,11			0	
RONC	e		2	11:04:50.50	48,8	244				104						-0,12			1	

24/03/2016	15:19:16,22	,	,											1	PANI,GAGG,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	15:19:16.22			18,14	1							46					
GAGG			2	15:19:17.79			20,99	2							46					
DOSS	i	c	2	15:19:18.86			23,08	2							47					

24/03/2016	16:18:48,41	,	,											0	VARA,GAGG					
st_name	p_rem	m	w_p	time_s	dist	azm	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	16:18:48.41			50,81	1							39					
GAGG			2	16:18:51.98			57,45	3							42					

24/03/2016	16:36:29,10	46,1380	11,1840	1,17	1,1		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	e		2	16:36:31.63	15,2	130				94						-0,07			1,1	
GAGG	e		2	16:36:32.26	18,4	251				94						0			0,9	
DOSS	e		2	16:36:34.12	28,7	179				92						0,11			1	
OZOL	e		2	16:36:34.43	31,2	341				92						-0,01			1,1	
ZIAN	e		2	16:36:34.73	33,1	62				92						-0,02			1,1	
CARE	e		2	16:36:37.51	49,2	310				91						0			0	

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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			

25/03/2016	02:17:36,94	45,6240	10,6858	12,95	1,5		0	0	0,7	90	0	0,7	B	0,22	0	TOSCOLANO MAD. (BS)		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	e		1	02:17:42.45	27,8	36	46,48	2	115							0,27		0,21	1,4	
RONC	e		2	02:17:44.26	40	353	49,01	3	108							0,14		-0,71	1,6	
DOSS	e	c	2	02:17:45.68	48,4	54	51,51	2	105							0,18		-0,67	1,7	
PANI	e		2	02:17:49.12	69,2	47			101							0,14			1,6	

25/03/2016	08:41:37,15	45,5210	10,2371	8,85	1,5		0	0	1,6	90	0	1,6	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	08:41:47.58	59,3	30				98						0,19			1,2	

25/03/2016	10:45:09,83	,	,											10	MALALBERGO (BO)			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
DOSS			2	10:45:09.83			24,03	2							124					
VARA	e	d	2	10:45:09.90			24,36	2							124					
PANI	i	d	2	10:45:12.56			30,29	2							122					
GAGG	e	d	2	10:45:13.63			31,98	2							125					
RONC			3	10:45:14.17			31,96	2							122					
ZIAN			2	10:45:16.38			35,66	2							126					
OZOL			2	10:45:19.15			40,96	2							121					
CARE			3	10:45:20.55			42,62	3							122					

25/03/2016	22:55:35,78	45,8190	11,1345	14,74	1,1		0	0	0,5	90	0	0,5	B	0,2	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		2	22:55:38.95	8	32	41,18	2	152							0,3		0,3	0,8		
VARA	e	c	2	22:55:40.16	18,5	272	43,03	2	129							0,33		0,05	1,2		
PANI	e		2	22:55:41.67	30,1	31	45,67	2	116							0,16		-0,3	1,1		
GAGG	e		2	22:55:42.06	32,4	335	46,45	2	114							0,19		-0,16	0		
RONC	e		2	22:55:43.65	43,6	294	49,72	3	109							0		-0,06	0,9		
ZIAN	e		2	22:55:46.50	60,7	33			104							0,04			1,1		

26/03/2016	05:13:45,27	,	,											10	STRADA [CH]			M 1.9(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
CARE	i	d	1	05:13:45.27			51,98	2							104					
OZOL			2	05:13:47.58			55,53	1							99					
GAGG			2	05:13:52.60			64,71	2							99					
RONC	e	d	1	05:13:53.37			65,14	1							101					
ZIAN			2	05:13:53.81											104					
PANI			3	05:13:55.78			68,76	2							99					
DOSS	e	d	2	05:13:57.48			73,16	3							100					
VARA			3	05:13:57.64											104					

26/03/2016	06:44:52,79	46,3908	10,3126	5,6	1,5		0	0	0,6	90	0	0,6	B	0,24	0	VALLE GROSINA (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	1	06:44:58.07	29,8	83	61,92	2	101							0,1		-0,1	1,1	
RONC	e		2	06:45:01.96	51,5	152	8,55	2	96							0,32		0,01	1,5	
OZOL	e		2	06:45:02.77	56,9	89			96							0,22			1,6	

QUATERLY BULLETTIN *January-March 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			

26/03/2016	07:03:26,46	46,4030	10,3173	6,91	0,8		0	0	0,9	90	0	0,9	C	0,16	0	VALLE GROSINA (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	c	1	07:03:31.69	29,3	85	35,43	2	103							0,08		-0,2	0	

26/03/2016	09:11:15,61	,	,											10	LODI	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
RONC			2	09:11:15.61			29,85	2							115					
VARA	e	c	2	09:11:16.76			31,9	2							116					
GAGG			3	09:11:19.43			38,09	3							118					
OZOL			3	09:11:19.91			45,55	3							118					
DOSS			3	09:11:21.09											120					
ZIAN			3	09:11:27.54			50,55	3							119					

26/03/2016	12:08:15,46	,	,											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	12:08:15.46			16,8	2							23					

26/03/2016	20:17:35,50	45,7633	10,6116	8,56	0,9		0	0	0,8	90	0	0,8	B	0,14	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
VARA	e		2	20:17:39.75	23,2	73				110						0,02				0
RONC	e		2	20:17:40.01	24,2	2	43,51	3	109							0,12		0,2		0,9

27/03/2016	03:48:15,25	,	,											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	03:48:15.25			16,38	1							28					

28/03/2016	01:31:06,75	,	,											10	BOLOGNA	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
VARA	e	c	2	01:31:06.75			32,37	3							144					
DOSS			2	01:31:06.86			32,12	3							139					
PANI			3	01:31:09.46			33,33	3							141					
GAGG			3	01:31:10.49			38,38	3							140					
ZIAN	e	c	2	01:31:12.73			37,09	3							144					
RONC	i	c	1	01:31:13.29			38	3							142					
OZOL			3	01:31:15.03			44,34	3							138					
CARE			3	01:31:16.45											139					

28/03/2016	13:23:44,97	,	,											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	e	c	1	13:23:44.97			45,64	2							22					

28/03/2016	17:27:51,98	45,7768	11,4718	16,47	1,4		0	0	0,5	90	0	0,5	C	0,06	0	CALTRANO (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	e		2	17:27:57.05	24,8	298	61,12	3	124							-0,02		0,08	1,3	
PANI	e		2	17:27:58.19	32,3	341	62,91	2	117							0,02		-0,09	0	

QUATERLY BULLETTIN *January-March 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			

28/03/2016	19:54:35,71	45,7560	11,5051	10,91	1,2		0	0	1,7	90	0	1,7	C	0,15	0	CALTRANO (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	e		2	19:54:40.65	28,2	299	44,93	3	111							-0,22		0,03	1		
PANI	e		2	19:54:42.01	35,3	338	46,8	3	107							-0,02		-0,16	1		
VARA	e		2	19:54:44.06	48	279	50,93	3	103							-0,05		0,26	1,9		
GAGG	e		2	19:54:45.58	55,9	311			101							0,14			1,4		
ZIAN	e		2	19:54:45.96	58	4			101							0,17			1,2		

28/03/2016	20:06:30,59	,	,											10	CALTRANO (VI)			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
DOSS	e	d	1	20:06:30.59			34,16	2							111					
PANI			2	20:06:31.76			36,7	2							112					
VARA	e	d	2	20:06:34.48			41,16	2							110					
GAGG			2	20:06:35.44			42,38	2							110					
ZIAN	e	d	2	20:06:35.69			43,19	2							110					
RONC			3	20:06:39.30			49,21	3							109					
OZOL			3	20:06:39.74			49,46	3							109					

29/03/2016	15:53:28,54	46,1433	11,1836	3,53	1,3		0	0	0,3	90	0	0,3	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	c	2	15:53:31.27	15,6	131				103						0			1,4	
GAGG	e	c	2	15:53:31.73	18,6	249				101						-0,05			1,3	
DOSS	e		2	15:53:33.51	29,3	179				97						-0,07			1,2	
OZOL	e		2	15:53:33.92	30,7	341				97						0,1			1,5	
ZIAN	e		2	15:53:34.10	32,8	63				96						-0,08			1,2	
VARA	e		2	15:53:35.81	41,7	212				95						0,11			0	
CARE	e		2	15:53:36.91	48,8	310				94						0			1,5	

30/03/2016	08:06:39,92	,	,												10	PIACENZA				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			
RONC			2	08:06:39.92			62,59	2							170								
VARA			2	08:06:40.10			62,22	2							170								
GAGG			3	08:06:42.82			68,94	3							167								
DOSS			3	08:06:42.97			67,84	3							167								
CARE			3	08:06:46.00			72,02	3							166								
PANI			3	08:06:47.17			70,7	3							167								
OZOL			3	08:06:48.31			76,1	3							165								

30/03/2016	10:42:12,08	46,1273	11,1923	5,5	0,8		0	0	0,2	90	0	0,2	B	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	1	10:42:14.65	13,9	128				112						0,01			0,8		
GAGG	e		2	10:42:15.38	18,7	255				106						-0,04			0,8		
DOSS	e		2	10:42:16.85	27,5	181				101						-0,02			0		
ZIAN	e		2	10:42:17.80	33,1	60				99						-0,01			0,8		

30/03/2016	18:37:57,93	46,6179	10,4471	7,34	0,7		0	0	1,2	90	0	1,2	C	0,17	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	18:38:03.11	28,8	138	6,83	2	104							0,09		-0,15	0		

QUATERLY BULLETTIN *January-March 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			

30/03/2016	19:37:04.88	46,3966	10,0765	7,33	1,3		0	0	0,5	90	0	0,5	B	0,11	0	VAL POSCHIAVO [CH]	M 1.3(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	i	c	1	19:37:13.05	47,8	86				99						-0,1			1,5	
RONC	e		2	19:37:15.89	62,6	138				97						0,24			1,3	
OZOL	e		2	19:37:17.68	75	89				96						-0,08			1,4	

30/03/2016	20:01:33,90	45,7664	11,0879	11,4	1,4		0	0	0,4	90	0	0,4	B	0,2	0	ALA (TN)				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	
DOSS	i	c	1	20:01:37.29	14,9	32	39,6	2	128							0,19		0	1,7		
VARA	e		2	20:01:37.60	16,3	294	40,26	2	125							0,3		0,31	1,4		
PANI	e		2	20:01:40.59	37	31	45,37	3	107							0,08		-0,3	1,2		
GAGG	i	d	1	20:01:40.60	36,6	344	45,37	2	107							0,14		-0,21	1,2		
RONC	e		2	20:01:41.57	43,3	303	47,67	2	105							0,02		0,15	1,2		
ZIAN	e		2	20:01:45.41	67,6	33			100							-0,21			1,2		
OZOL	e		2	20:01:46.25	70,9	358			99							0,08			1,5		
CARE	e		2	20:01:47.60	79,1	338			98							0,03			0		

31/03/2016	13:15:55,72	45,7256	10,8048	9,36	0,8		0	0	0,8	90	0	0,8	B	0,13	0	BRENZONE (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
VARA	e	c	1	13:15:58.54	13,2	33	60,49	2	125							0,04		-0,17	0,7	
RONC	e		2	13:16:01.56	31,7	334			106							0,19			0,8	

31/03/2016	13:29:50,08	45,7335	10,7960	6,11	1,6		0	0	0,5	90	0	0,5	B	0,16	0	BRENZONE (TN)			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	
VARA	i	c	1	13:29:52.50	12,9	37	54,46	2	115							-0,02		0,03	1,5		
RONC	e		2	13:29:55.38	30,6	334	59,89	3	101							-0,04		0,31	1,6		
DOSS	e		2	13:29:56.03	34,6	62	61,05	3	100							-0,06		0,28	1,5		
GAGG	e		2	13:29:57.03	40,9	18	62,76	2	98							-0,12		0,1	1,6		

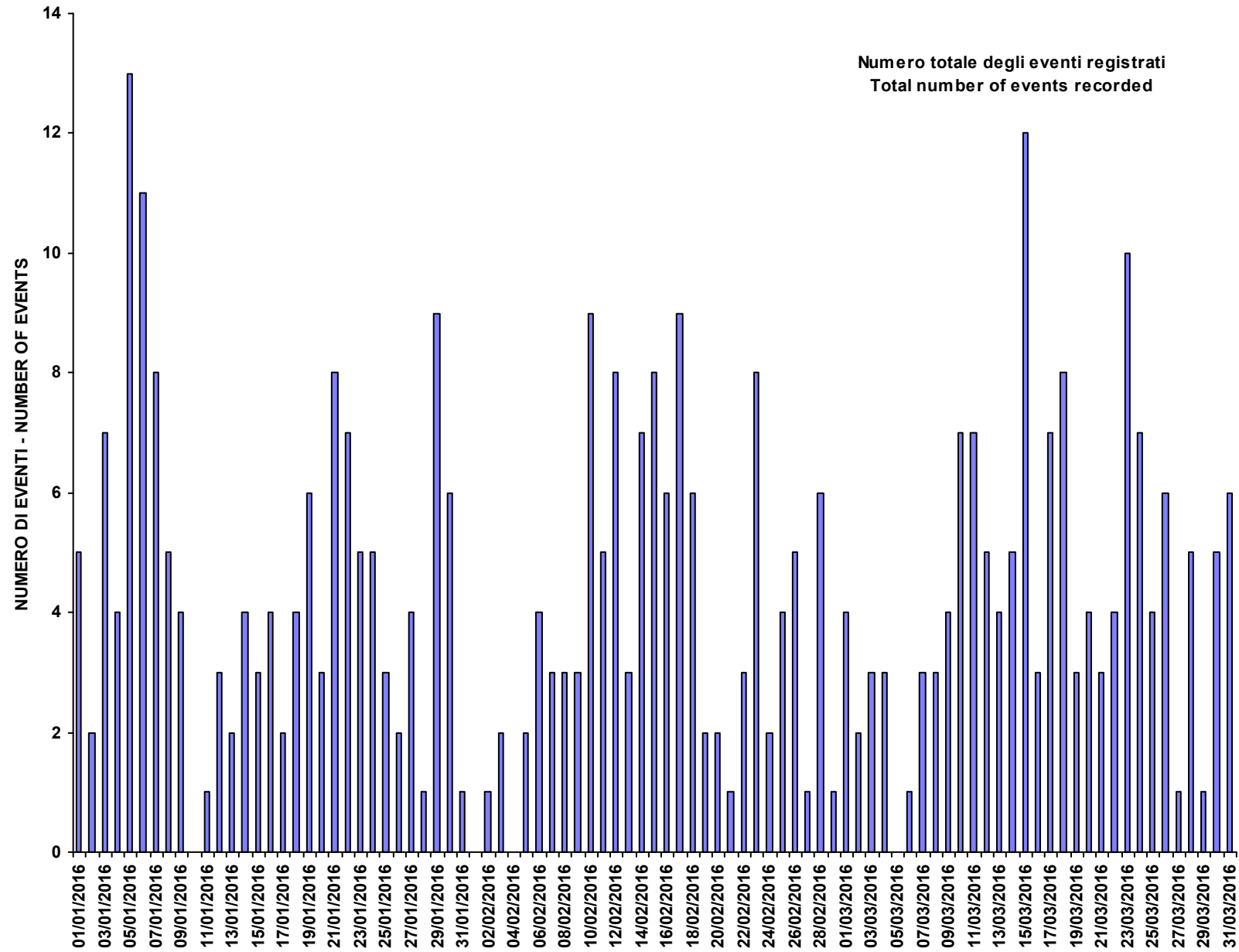
31/03/2016	15:19:21,38	46,1350	11,2268	0,08	1,2		0	0	0,6	90	0	0,6	0	0,15	2	LONA-LASES (TN)			EXPL? M 1.4(O)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	1	15:19:23.48	12,5	138			90							-0,04			1,4		
GAGG	i	c	1	15:19:24.94	21,5	255			90							-0,12			1,1		
DOSS	e		2	15:19:26.04	28,5	186			90							-0,21			1,3		
ZIAN	i	c	1	15:19:26.57	30,3	59			90							0			1,1		
CARE	e	c	2	15:19:30.18	52	308			90							-0,09			0		
RONC	e		2	15:19:30.25	49,8	250			90							0,36			0		

31/03/2016	17:57:30,04	,	,											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	17:57:30.04			31,35	2							36					

31/03/2016	20:41:20,40	,	,											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		20:41:20.40			22,34	2							22					

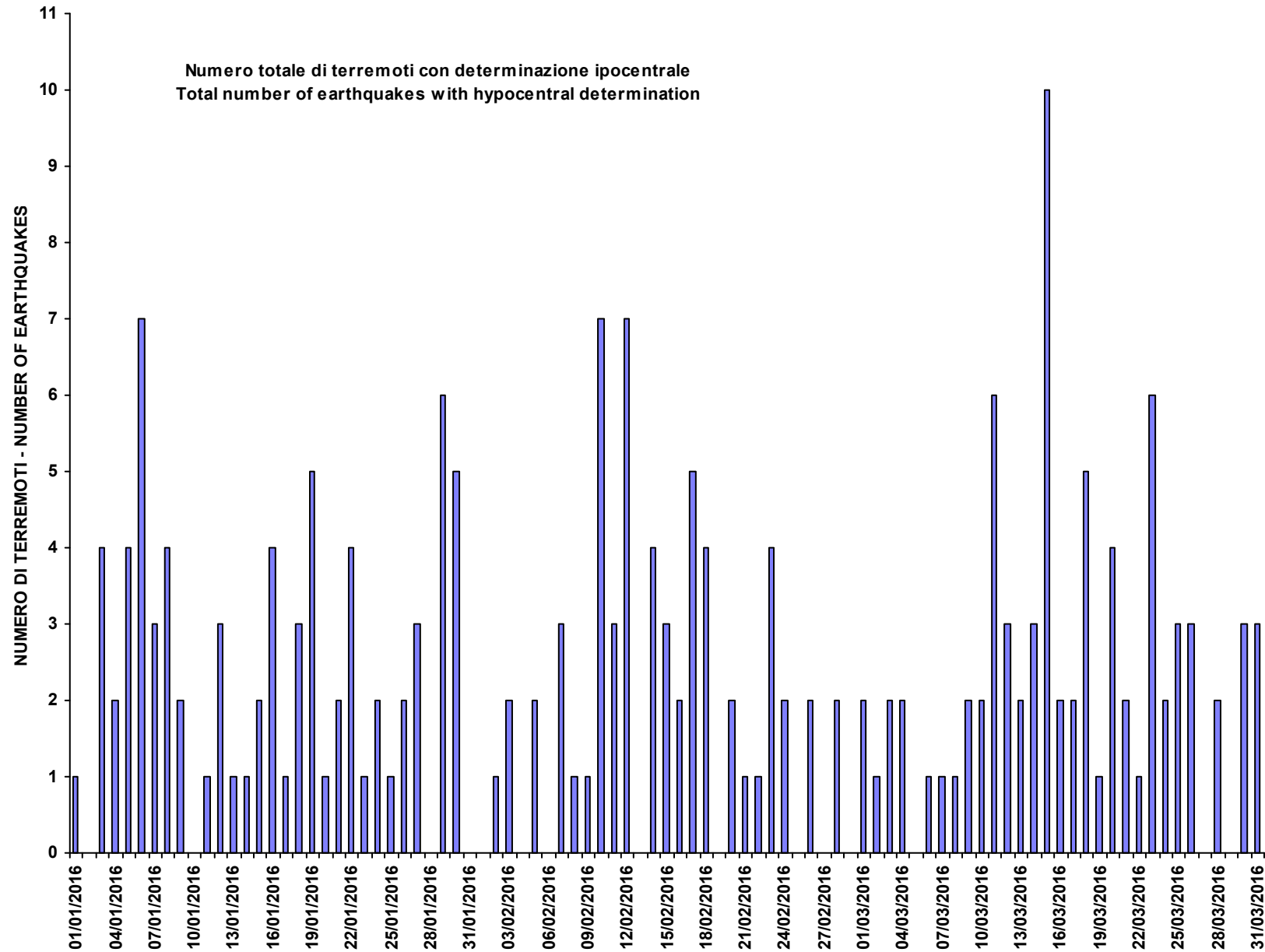
RETE SISMICA DEL TRENTINO ; PERIODO : GENNAIO - MARZO 2016

TRENTINO SEISMOMETRIC NETWORK ; PERIOD : JANUARY - MARCH 2016



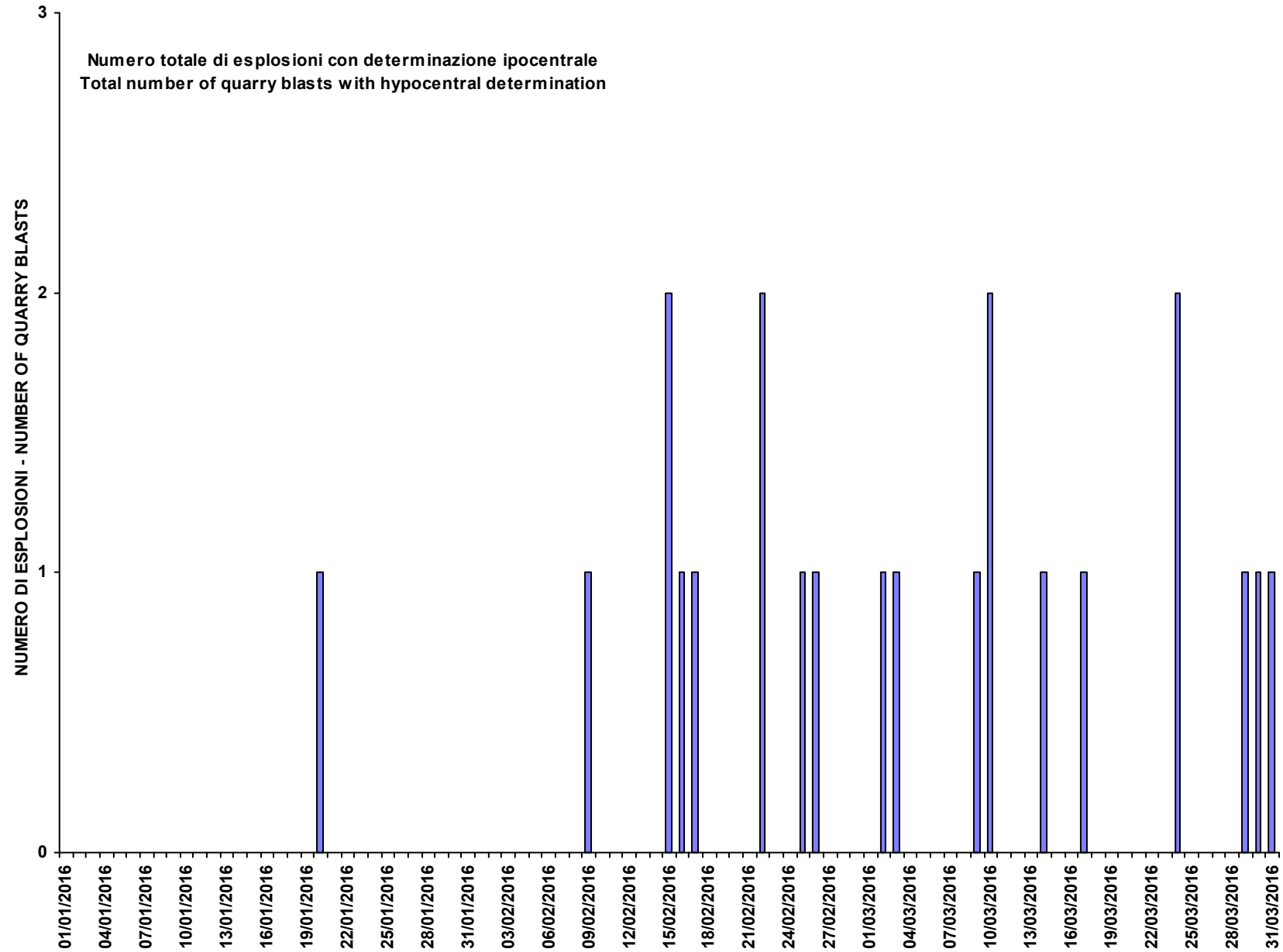
RETE SISMICA DEL TRENTINO ; PERIODO : GENNAIO - MARZO 2016

TRENTINO SEISMOMETRIC NETWORK ; PERIOD : JANUARY - MARCH 2016



RETE SISMICA DEL TRENTINO ; PERIODO : GENNAIO - MARZO 2016

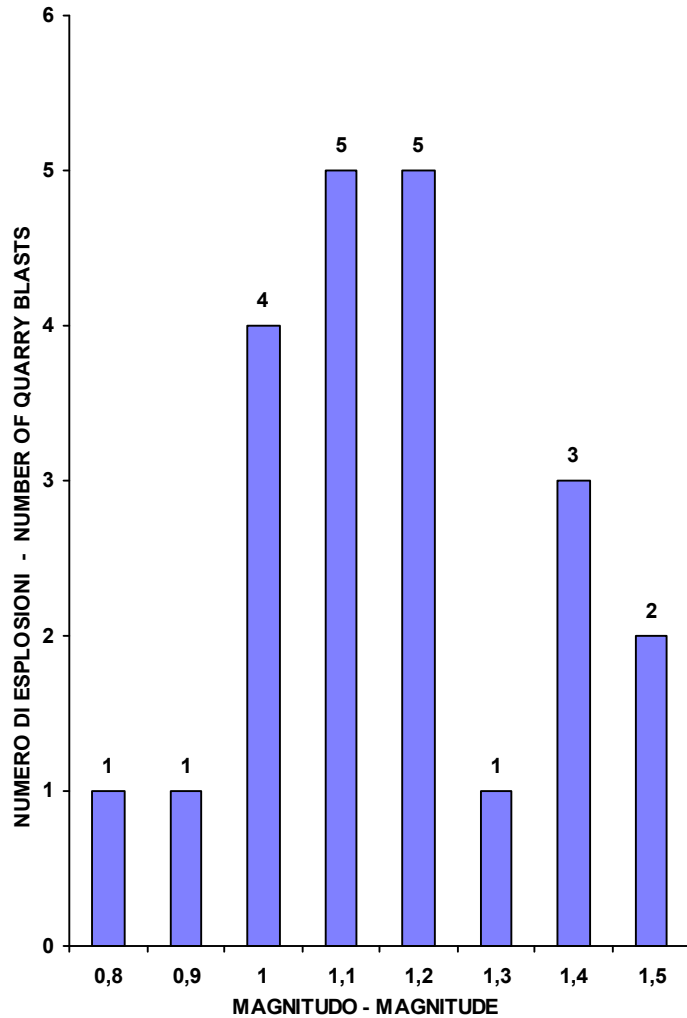
TRENTINO SEISMOMETRIC NETWORK ; PERIOD : JANUARY - MARCH 2016



RETE SISMICA DEL TRENTINO ; PERIODO : GENNAIO - MARZO 2016

TRENTINO SEISMOMETRIC NETWORK ; PERIOD : JANUARY - MARCH 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

