

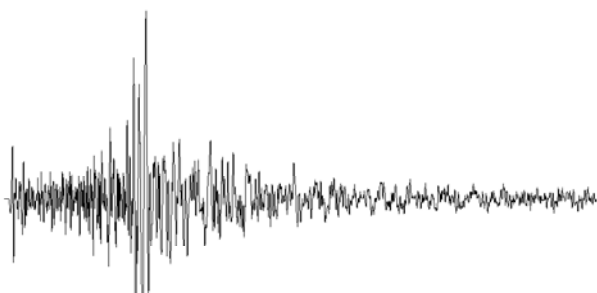
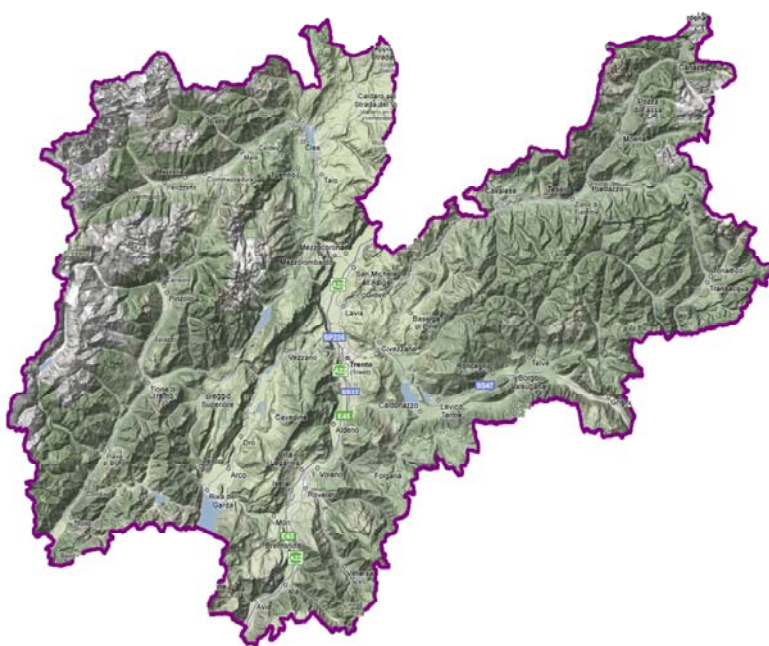


# PROVINCIA AUTONOMA DI TRENTO

SERVIZIO GEOLOGICO - UFFICIO STUDI GEOFISICI

## TRENTINO SEISMOMETRIC NETWORK

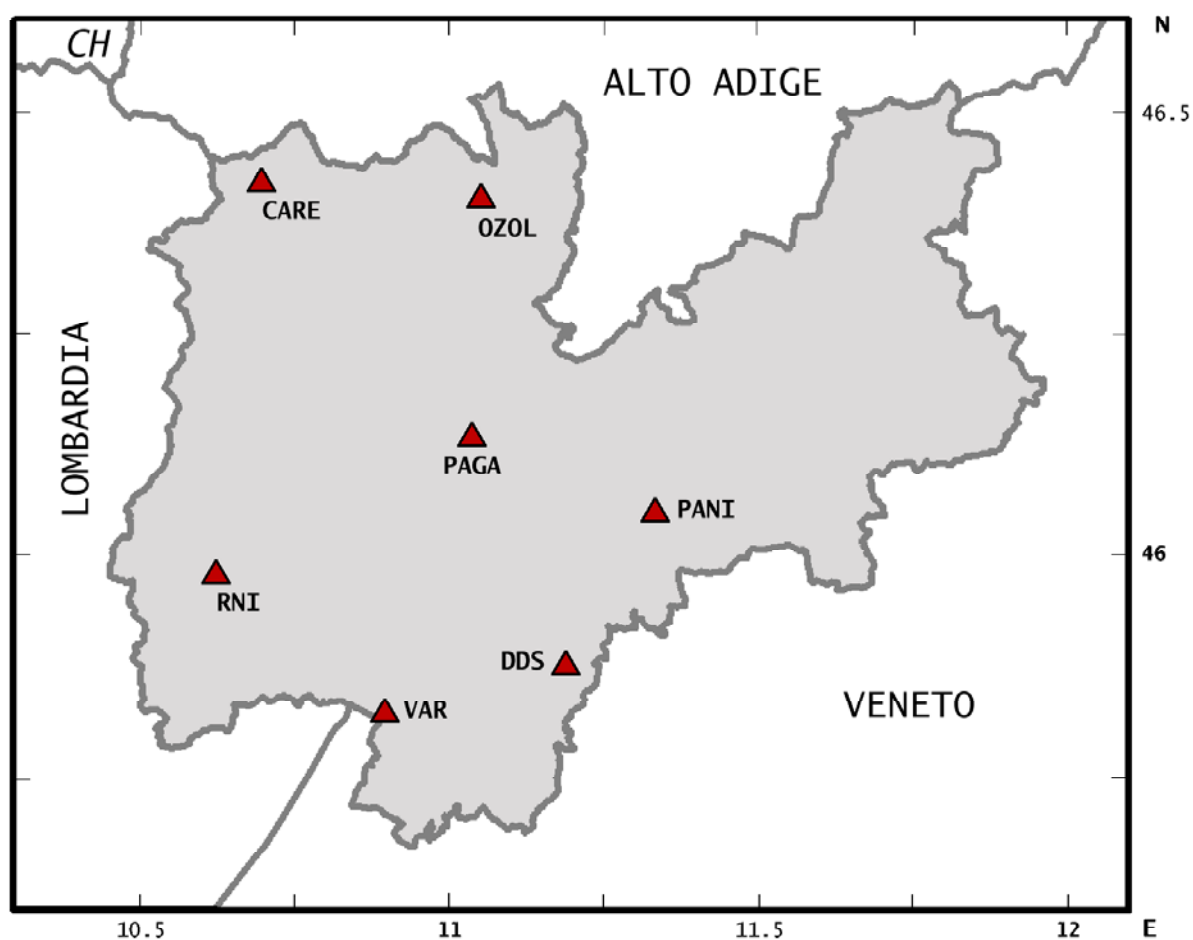
APRIL  
JUNE  
2008



QUARTERLY BULLETIN

# TRENTINO SEISMOMETRIC NETWORK

PROVINCIA AUTONOMA DI TRENTO  
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RNI	Roncone (Malga Avalina)	45,9809	10,6228	1915
VAR	Monte Varagna	45,8271	10,8981	1730
DDS	Dosso del Sommo	45,8800	11,1889	1670
PANI	Monte Panarotta	46,0508	11,3349	1985
OZOL	Monte Ozolo	46,4033	11,0517	1230
CARE	Lago del Careser	46,4245	10,6974	2610
PAGA	Cima Paganella	46,1372	11,0383	2105

# 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 OGS-CRS (N-E Italy Seismic Network)  
(I) is the INGV (Rome)  
(S) is the Swiss Seismological Service

## STATION DATA

**st\_name** : station code  
 RNI is 3D station ( RNIV for vertical component;  
 RNIN for north-south component; RNIE for east-west component)  
 VAR is 3D station ( VARV for vertical component;  
 VARN for north-south component; VARE for east-west component)  
 DDS is 3D station ( DDSV for vertical component;  
 DDSN for north-south component; DDSE for east-west component)  
 PANI is 3D station ( PANV for vertical component;  
 PANN for north-south component; PANE for east-west component)  
 OZOL is 3D station ( OZOV for vertical component  
 OZON for north-south component; OZOE for east-west component)  
 CARE is 3D station ( CARV for vertical component;  
 CARN for north-south component; CARE for east-west component)  
 PAG is 1D station ( PAGV for vertical component)

**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)  

$$f\_mag = a + b \log(t) + c \ d$$

$$t = \text{average duration}$$

$$d = \text{average epicentral distance}$$

$$a, b \text{ and } c = \text{empirical costant}$$

# QUATERLY BULLETTIN April-June 2008

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

01/04/2008	15.22.22.36	46.1390	11.2370	15,2		1,7	177	3	6,0	268	20	10	D	0,06	2	BASELGA DI P. (TN)			EXPL?		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e	c	2	15.22.25.68	12,5	140				134		2,96	1	C	30	-0,03		0		1,7	
DDS	e		2	15.22.28.07	28,7	186				113		5,31	1		20	0,13		0		1,2	
OZOL	e	d	2	15.22.28.55	32,7	335	33,29	3	110			5,96	1	D	27	0	2	0,04		1,5	
VAR	e	c	1	15.22.30.18	42,9	217				106		7,62	0,5	C	27	-0,04		0		1,5	

03/04/2008	5.07.28.37	44.6861	10.1011	10		3,2	48	20	99	302	37	99	D	0,2	0	FORNOVO AL TARO (PR)					M 3.2(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		
VAR	e		2	5.07.53.52	150,5	24				59		25,09	0,99		131	1,27		0		3		
RNI	e		2	5.07.53.56	159,2	15				59		26,38	0,55		120	0		0		2,8		
DDS	e	c	2	5.07.54.71	166,3	31	75,59	3	59			27,42	0,43	C	163	0,14	0,99	-0,47		3,1		
PANI	i	c	2	5.07.57.68	188,4	30	82,33	3	47			30,22	0,18	C	110	0,21	0,99	1,11		2,7		
CARE	e	c	2	5.08.00.37	208,4	13			47			32,73	0,99	C	114	0,33		0		2,7		
OZOL	e	d	2	5.08.01.44	214,2	20			47			33,44	0,99	D	154	0,84		0		3		

03/04/2008	8.35.53.21	.	.											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
OZON			1	8.35.53.21			54,88	1		20	0,45				20					
OZOV	I	C	1	8.35.53.21			54,88	1		7,15	0,58				20					
OZOE			1	8.35.53.21			54,88	1		16,9	0,46				20					

03/04/2008	12.14.03.35	.	.											0	VAR							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARV	E	D	1	12.14.03.35			4,812	1		13,1	0,08				18							
VARN			1	12.14.03.35			4,812	1		21,2	0,1				18							
VARE			1	12.14.03.35			4,812	1		21	0,08				18							

03/04/2008	15.37.52.82	46.1570	11.2990	20,6		1,7	334	14	32	236	29	99	D	1,21	0	BASELGA DI P. (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
PANI	e	c	1	15.37.56.98	4,5	210	60,06	2	157			1,99	4,06	C	30	1,65	0,99	2,93		1,7
VAR	e	d	2	15.38.01.62	46,2	232			103			8,1	6,76	D	24	0,42		0		1,4
CARE	i	c	0	15.38.02.83	63,9	306			100			11,08	2,22	C	29	-1,35		0		1,5
RNI	e	d	1	15.38.03.09	58,6	259			100			10,18	7,31	D	22	-0,18		0		1,2

04/04/2008	22.14.27.53	.	.											0	DDS					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDSN			1	22.14.27.53			29,8	1		0,783	0,06				21					
DDSV	I	D	1	22.14.27.53			29,8	1		0,413	0,03				21					
DDSE			1	22.14.27.53			29,8	1		0,808	0,11				21					

05/04/2008	0.26.16.96	45.8560	11.1910	16,7		1,5	301	0	99	31	24	5,3	D	0,03	0	FOLGARIA (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	
DDS	i	d	0	0.26.19.81	2,2	31	22,21	2	171			2,55	0,1	D	21	0	1	0,19		1,3	
PANI	e		1	0.26.22.11	24,3	31	25,81	2	121			4,86	0,5			0,08	1	-0,15			

# QUATERLY BULLETTIN April-June 2008

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

07/04/2008	7.30.31.88	44.6688	11.2768	10		3	252	4	37	152	66	46	D	1,13	0	SALA BOLOGNESE (BO)					M 3.1(I)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VAR	e		2	7.30.54.35	132,1	347	75,51	3	59			22,39	1		92	-0,07	2	3,5		2,6		
DDS	e		2	7.30.54.96	134,8	357	76,82	3	59			22,79	1		91	0,16	2	4,13		2,6		
PANI	e		2	7.30.57.70	153,7	2			59			25,56	1		96	0,09		0		2,6		
RNI	e	c	2	7.30.58.65	154,6	341	80,99	3	59			25,69	1	C	101	0,91	2	3,08		2,7		
OZOL	e		2	7.31.03.28	193,6	355			47			30,87	1		127	0,39		0		2,8		
CARE	e		2	7.31.03.58	200,4	347			47			31,72	1		131	-0,32		0		2,8		

07/04/2008	16.53.40.67	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARV	I	C	1	16.53.40.67			42,12	1		11,5	0,06				15					
VARN			1	16.53.40.67			42,12	1		18,3	0,1				15					
VARE			1	16.53.40.67			42,12	1		17,1	0,08				15					

08/04/2008	15.42.24.62	.	.											0	PANI,DDS					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANE			3	15.42.24.62				8		7,78	0,8									
PANN			3	15.42.24.62				8		6,06	0,83									
PANV			3	15.42.24.62				8		4,92	0,99									
DDSV			3	15.42.25.35				8		13,9	1,4									
DDSN			3	15.42.25.35				8		14,7	0,99									
DDSE			3	15.42.25.35				8		23,7	1,1									

09/04/2008	4.25.27.96	46.5270	10.6940	10,9		2,2	171	78	16	64	3	6,3	D	0,26	0	CIMA VERTANA (BZ)			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	e	d	0	4.25.30.59	25,3	164	32,93	2	112			4,65	0,1	D	45	0	1	-1,41		2,1
OZOL	i	d	1	4.25.33.42	43,6	128	37,81	2	103			7,64	0,5	D	49	-0,04	1	-1,65		2,1
RNI	e	d	1	4.25.38.44	73,6	179	46,68	2	98			12,7	0,5	D	40	-0,07	1	-1,77		1,8
PANI	e		2	4.25.40.66	86,7	139			97			14,91	1			-0,06		0		
VAR	e		3	4.25.41.84	93,5	166			96			16,07	2		38	-0,04		0		1,8
DDS	e		2	4.25.42.18	96,1	152			96			16,52	1			-0,14		0		

09/04/2008	5.35.29.90	44.6538	11.0665	10		2,4	294	5	99	26	23	99	D	0,17	0	CASTELFRANCO E. (MO)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VAR	e		3	5.35.52.07	141	355				59		23,7	0,99		62	0,88		0		2,2
DDS	e		2	5.35.53.10	146,6	4				59		24,52	0,99		58	1,1		0		2,1
RNI	e		2	5.35.55.31	161,3	348				59		26,68	0,99		66	1,13		0		2,2
PANI	e		2	5.35.55.95	166,6	7	78,27	3		59		27,46	0,99		57	0,98	0,99	1,75		2,1
OZOL	e		2	5.36.00.78	204,4	360				47		32,23	0,99		55	1,07		0		1,9

09/04/2008	12.21.08.93	46.3590	10.8700	5,8		1,9	122	7	1,9	214	16	3,8	D	0,13	0	RABBI (TN)				M 1.6(S)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
OZOL	e	c	1	12.21.11.62	13,9	82	13,86	2	125			2,91	0,5	C	31	0,04	1	-0,09		1,7	
CARE	i	d	0	12.21.11.77	14,3	287	13,71	2	124			2,96	0,1	D	38	0	1	-0,57		1,9	
RNI	e		2	12.21.16.89	49	203	23,13	2	101			8,55	1		36	-0,27	1	-0,75		1,8	
PANI	e		2	12.21.17.43	51,6	136	23,92	2	101			8,98	1		31	-0,17	1	-0,74		1,6	
DDS	i	d	1	12.21.18.90	61,4	156			99			10,63	0,5	D	29	-0,32		0		1,5	
VAR	e		2	12.21.19.24	62,2	178	27,2	3	99			10,76	1		23	-0,12	2	-0,59		1,3	

# QUATERLY BULLETTIN *April-June 2008*

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

09/04/2008	22.19.36.80	.	.											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		
CARV	I	D	1	22.19.36.80			38,56	1		4,48	0,11				19							
CARN	E	C	1	22.19.36.80			38,56	1		2,73	0,03				19							
CARE	I	C	1	22.19.36.80			38,56	1		2,44	0				19							
OZOV	I	C	1	22.19.37.37			39,75	1		1,44	0,08				18							
OZON			1	22.19.37.37			39,75	1		3,77	0,06				18							
OZOE	I	C	1	22.19.37.37			39,75	1		1,89	0,06				18							

10/04/2008	8.31.37.02	.	.											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
CARV	I	D	1	8.31.37.02			38,96	1		20,9	0,06				19					
CARN	E	C	1	8.31.37.02			38,96	1		17,4	0,06				19					
CARE	I	C	1	8.31.37.02			38,96	1		10,6	0,08				19					
OZON			2	8.31.37.37			39,58	2		3,56	0,1				19					
OZOE			2	8.31.37.37			39,58	2		4,55	0,18				19					
OZOV			2	8.31.37.37			39,58	2		3,24	0,16				19					

10/04/2008	11.52.03.35	.	.											0	DDS,VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDSN			1	11.52.03.35			5,483	1		6,28	0,03				21					
DDSV	I	D	1	11.52.03.35			5,483	1		4,31	0,03				21					
DDSE			1	11.52.03.35			5,483	1		8,17	0,1				21					
VARV			2	11.52.03.55			5,748	2		6,12	0,1				21					
VARN			2	11.52.03.55			5,748	2		9,45	0,08				21					
VARE			2	11.52.03.55			5,748	2		13,1	0,1				21					

11/04/2008	3.25.30.83	.	.											0	MUESTAIR [CH]	M 0.7(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
CARN	I	D	1	3.25.30.83			33,18	1		13,1	0,06				27					
CARE	I	D	1	3.25.30.83			33,18	1		11,1	0,05				27					
CARV	I	D	1	3.25.30.83			33,18	1		13,6	0,03				27					
OZOE			2	3.25.33.59			37,94	2		1,9	0,18				26					
OZON			2	3.25.33.59			37,94	2		1,58	0,14				26					
OZOV			2	3.25.33.59			37,94	2		0,93	0,1				26					

11/04/2008	12.11.19.21	.	.											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
VAR	e		2	12.11.19.21																
DDS	i	d	0	12.11.20.57			33,78	2							57					
PANI	i	d	1	12.11.23.46			39,11	3							44					

11/04/2008	15.00.10.37	46.1350	11.2080	12,4		1,5	341	2	16	250	28	60	D	1,43	2	BASELGA DI P. (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15.00.13.47	5,4	97				153		2	4,05		25	0,74		0		1,5
DDS	i	c	1	15.00.15.71	20,6	197				117		3,94	2,38	C	18	1,22		0		1,1
OZOL	e	d	1	15.00.16.30	41,9	337	20,88	2	104			7,38	2,38	D	21	-1,55	4,77	-2,77		1,3
CARE	e	c	1	15.00.19.27	60,1	313				100		10,42	2,83	C	23	-1,65		0		1,3

# QUATERLY BULLETTIN April-June 2008

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

12/04/2008	6.21.26.20	.	.											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
DDSE		2		6.21.26.20			54,81	3		0,991	0,18				130					
DDSN		2		6.21.26.20			54,81	3		0,969	0,51				130					
DDSV		2		6.21.26.20			54,81	3		0,62	0,19				130					
PANE		3		6.21.27.88			57,72	3		0,618	0,14				129					
PANN		3		6.21.27.88			57,72	3		0,572	0,13				129					
PANV		3		6.21.27.88			57,72	3		0,32	0,16				129					

12/04/2008	17.36.24.44	.	.											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
CARV		1		17.36.24.44			25,22	1		6,01	0,02				14					
CARN		1		17.36.24.44			25,22	1		7,35	0,02				14					
CARE		1		17.36.24.44			25,22	1		13,7	0,03				14					

13/04/2008	3.02.28.86	.	.											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
CARN			1	3.02.28.86			30,9	1		4,87	0,06				17					
CARE	I	C	1	3.02.28.86			30,9	1		3,8	0,02				17					
CARV	I	C	1	3.02.28.86			30,9	1		3,64	0,05				17					

13/04/2008	3.08.49.86	46.4100	10.5470	8,7		2	77	74	17	218	12	4,3	D	0,23	0	S. CATERINA V. (SO)			M 1.4(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	3.08.52.29	21,7	107	54,35	2	115			4,08	0,1	C	30	-0,02	1	-1,29	1,7	
OZOL	e	c	1	3.08.56.60	48,9	100	61,91	2	102			8,54	0,5	C	37	-0,02	1	-1,4	1,8	
RNI	i	d	1	3.08.58.30	57,8	165	64,49	2	100			10,03	0,5	D	30	0,17	1	-1,5	1,6	
VAR	e		2	3.09.02.00	81,5	153			97			14,03	1		38	-0,11		0	1,8	
DDS	e	d	2	3.09.03.34	89,2	138			96			15,35	1	D	38	-0,08		0	1,8	

13/04/2008	4.27.43.76	46.4010	10.5510	8,4		1,3	328	40	12	78	22	5,7	D	0,83	0	S. CATERINA V. (SO)			M 0.7(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	
CARE	e		1	4.27.46.08	1,8	7	48,12	1	172			2,13	0,5		20	-0,02	0,5	0,02	1,3		
OZOL	e		2	4.27.50.52	27,7	91	55,74	2	114			5,18	1		15	1,73	1	2,85	0,9		
RNI	e	d	1	4.27.52.07	47,9	186	58,17	2	104			8,45	0,5	D	19	0,01	1	-0,54	1,1		

13/04/2008	20.27.23.04	46.4980	10.5570	6,4		1,3	5	0	99	275	67	14	D	0,3	0	GRAN ZEBRU' (SO)			DOUBLE EV. 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	0	20.27.25.58	0	0	27,62	2	180			1,71	0,1	D	16	0	1	0,36		
OZOL	e		2	20.27.29.93	27,5	95	35,16	2	110			5,01	1		20	1,42	1	2,69		1,2

15/04/2008	12.54.36.66	.	.											0	DDS					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDSE	E	D	1	12.54.36.66			37,8	1		6,2	0				16					
DDSN	E	C	1	12.54.36.66			37,8	1		8,12	0,02				16					
DDSV	E	D	1	12.54.36.66			37,8	1		5,36	0,32				16					



# QUATERLY BULLETTIN April-June 2008

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

15/04/2008	15.52.02.92	46.1470	11.2110	9,9		1,5	227	42	10	333	17	3,9	D	0,55	1	BASELGA DI P. (TN)			EXPL??	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	1	15.52.05.88	8,8	147	8,23	2	151			3,06	0,5	C	23	0,08	1	-0,19		1,4
OZOL	e		1	15.52.08.55	36,1	332	12,77	2	113			6,72	0,5		21	-0,69	1	-1,77		1,3
VAR	e		2	15.52.10.44	43,4	222			110			7,89	1		22	0,02		0		1,3

15/04/2008	16.44.00.68	46.1330	11.2580	17,7		1,6	333	10	3,5	236	33	6,3	D	0,17	2	BASELGA DI P. (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	2	16.44.04.36	11,9	143	6,81	2	143			3,41	1	C	22	-0,07	1	-0,5		1,3
DDS	e	c	1	16.44.06.56	28,8	188			119			5,63	0,5	C	23	0,05		0		1,4
OZOL	e		2	16.44.07.15	33,1	334	12,48	2	116			6,29	1		27	0,02	1	0,37		1,5
RNI	e	c	1	16.44.10.02	50,9	250			107			9,13	0,5	C	21	0,05		0		1,2
CARE	e		1	16.44.10.19	53	307			107			9,46	0,5		22	-0,15		0		1,3

15/04/2008	22.24.37.75	.	.											0	DDS,VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDSV	I	D	1	22.24.37.75			39,76	1		8,38	0,16				22					
DDSE			1	22.24.37.75			39,76	1		25,7	0,1				22					
DDSN			1	22.24.37.75			39,76	1		18,2	0,06				22					
VARN			1	22.24.38.95			41,46	1		14	0,08				23					
VARV			1	22.24.38.95			41,46	1		8,74	0,06				23					
VARE			1	22.24.38.95			41,46	1		10,3	0,08				23					

16/04/2008	7.27.25.10	.	.											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
CARV	I	D	1	7.27.25.10			26,75	1		4,86	0,05				18					
CARE	I	D	1	7.27.25.10			26,75	1		3,4	0,06				18					
CARN	E	C	1	7.27.25.10			26,75	1		2,97	0,06				18					

16/04/2008	7.57.24.50	.	.										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
OZOE	E	C	1	7.57.24.50			25,76	1		17,8	0,16				22					
OZON			1	7.57.24.50			25,76	1		39,2	0,5				22					
OZOV	E	C	1	7.57.24.50			25,76	1		18	0,11				22					

16/04/2008	12.09.27.23	.	.											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
CARN			1	12.09.27.23			28,87	1		13,5	0,06				18					
CARE	I	D	1	12.09.27.23			28,87	1		6,31	0,05				18					
CARV	E	D	1	12.09.27.23			28,87	1		13,9	0,05				18					

26/04/2008	3.40.33.24	.	.										0	RNI						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIV	I	D	1	3.40.33.24			34,47	1		6,77	0,08				16					
RNIN			1	3.40.33.24			34,47	1		29,9	0,11				16					
RNIE			1	3.40.33.24			34,47	1		24,6	0,21				16					

# QUATERLY BULLETTIN April-June 2008

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

16/04/2008	17.28.22.45	.	.											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARV	I	D	1	17.28.22.45			24,07	1		13,2	0,06				19					
CARN			1	17.28.22.45			24,07	1		14,3	0,05				19					
CARE	I	D	1	17.28.22.45			24,07	1		7,08	0,06				19					

16/04/2008	19.33.14.99	.	.											0	VAR,DDS					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARN			1	19.33.14.99			16,98	1		25,9	0,08				18					
VARE			1	19.33.14.99			16,98	1		23,7	0,06				18					
VARV			1	19.33.14.99			16,98	1		10,2	0,06				18					
DDSV	I	C	1	19.33.16.63			19,75	1		4,05	0,1				18					
DDSN			1	19.33.16.63			19,75	1		7,25	0,1				18					
DDSE			1	19.33.16.63			19,75	1		8,51	0,13				18					

17/04/2008	1.07.37.88	46.6390	10.2040	12,2		3,1	55	1	99	145	3	99	D	0,82	0	LIVIGNO (SO)				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	
CARE	e		1	1.07.45.73	58,3	116	52,06	2	100			10,1	0,57		118	-2,39	0,99	-4		3	
RNI	i	d	2	1.07.51.81	88,7	148	62,45	2	96			15,26	0,99	D	106	-1,42	0,99	-2,71		2,8	
VAR	e		2	1.07.55.90	114,8	143	69,93	3	95			19,7	0,99		96	-1,76	0,99	-3,12		2,7	
PANI	e		2	1.07.56.72	122	123	71,27	2	59			20,9	0,99		133	-2,3	0,99	-4,18		3	

17/04/2008	11.10.44.59	44.5743	10.7373	9,33		2,3	358	22	28	106	38	45	D	0,68	0	CASALGRANDE (RE)							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
VAR	e		2	11.11.08.24	139,8	5	23,97	3	59			23,58	1		60	-0,09	2	-2,87		2,1			
DDS	e		2	11.11.09.44	149,4	14			59			24,99	1		49	-0,28		0		1,9			
RNI	e	d	2	11.11.10.77	156,6	357			59			26,05	1	D	54	-0,04		0		2			
PANI	e	d	2	11.11.13.10	170,7	16			47			28,09	1	D	52	0,19		0		1,9			

17/04/2008	16.00.35.76	47.6116	12.8366	9,02		2,9	146	14	80	248	41	28	D	0,71	0	RAMSAU [D]			M 3.8(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	
OZOL	e		2	16.01.05.02	191	226				47		30,66	1		99	-1,54		0		2,6	
PANI	e		3	16.01.08.29	207,9	214				47		32,78	2		93	-0,48		0		2,5	
CARE	e		3	16.01.08.66	209,6	232	35,26	3	47			32,99	2		108	-0,39	2	0,24		2,6	
DDS	e		2	16.01.11.57	230	214				47		35,54	1		103	0,08		0		2,5	
VAR	e		3	16.01.13.47	247,6	217				47		37,74	2		97	-0,23		0		2,4	
RNI	e		2	16.01.13.94	247,8	224				47		37,77	1		102	0,19		0		2,5	

17/04/2008	21.42.04.10	46.3850	8.2301	10		2,4	174	11	62	74	41	28	D	1,54	0	GOMS [CH]			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	
CARE	e		2	21.42.32.27	189,6	88	51,98	3	47			30,37	1		59	-2,5	2	-6,72		2	
RNI	e	c	2	21.42.32.65	190,1	103			47			30,44	1	C	58	-2,11		0		2	
VAR	e	c	3	21.42.36.50	215,4	106			47			33,6	2	C	59	-1,4		0		2	
OZOL	e		2	21.42.37.01	217	88			47			33,8	1		66	-1,04		0		2,1	
DDS	e		3	21.42.40.28	235,4	103			47			36,1	2		72	-0,11		0		2,1	
PANI	e	c	2	21.42.41.36	242,4	98			47			36,98	1	C	57	0,05		0		1,9	

# QUATERLY BULLETTIN *April-June 2008*

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			

18/04/2008	7.37.41.04	.	.											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
PANE	I	D	1	7.37.41.04			43,45	2		5,65	0,02				13					
PANN	I	D	1	7.37.41.04			43,45	2		3,75	0,03				13					
PANV	I	D	1	7.37.41.04			43,45	2		8,29	0,02				13					

19/04/2008	3.28.30.58	46.3730	10.5040	8,2		1,1	278	3	99	187	17	61	D	0,12	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	c	0	3.28.33.58	10,9	1	36,12	2	133			2,56	0,11	C	14	0,11	0,99	0,41		0,9	
OZOL	e	d	2	3.28.37.90	28,9	73	43,68	2	110			5,24	0,99	D	12	1,99	0,99	3,62		0,7	
RNI	e		2	3.28.38.46	38,8	188	44,29	2	105			6,86	0,15		18	0,92	1,06	1,33		1,1	

19/04/2008	11.13.41.86	46.5950	10.2430	19		1,4	321	31	99	76	36	99	D	0,53	0	LIVIGNO (SO)				M 1.6(S)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		2	11.13.49.36	10	0	55,28	2	135			2,42	0,88		21	4,78	0,99	8,57			
OZOL	e		2	11.13.53.54	28,5	74	62,67	3	109			5,17	0,99		16	6,46	0,99	11,5		1	
RNI	e		2	11.13.54.99	39,7	188	65,17	2	104			7	9,83		19	6,06	0,99	10,72		1,1	

19/04/2008	23.51.07.29	.	.											0	RNI,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		
RNIE			1	23.51.07.29			9,212	1		33,1	0,13				26							
RNIV	E	D	1	23.51.07.29			9,212	1		9,59	0,06				26							
RNIN			1	23.51.07.29			9,212	1		26,2	0,11				26							
CARE			2	23.51.12.60			18,81	2		2,26	0,1				26							
CARV			2	23.51.12.60			18,81	2		2,9	5,1				26							
CARN			2	23.51.12.60			18,81	2		3,61	0,16				26							

20/04/2008	15.39.55.35	.	.											0	RNI					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIE	I	C	1	15.39.55.35			59,68	1		23,2	0,11				25					
RNIV	I	C	1	15.39.55.35			59,68	1		12,6	0,06				25					
RNIN	I	C	1	15.39.55.35			59,68	1		18,9	0,1				25					

20/04/2008	22.44.08.01	.	.											0	DDS					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDSN	E	C	1	22.44.08.01			8,596	1		17,2	0,05				15					
DDSE	E	C	1	22.44.08.01			8,596	1		16,5	0,08				15					
DDSV	I	D	1	22.44.08.01			8,596	1		10,8	0,02				15					

22/04/2008	4.18.31.38	.	.											0	RNI					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIV	I	D	1	4.18.31.38			32,45	1		5,15	0,03				16					
RNIN	E	D	1	4.18.31.38			32,45	1		7,93	0,16				16					
RNIE			1	4.18.31.38			32,45	1		12,6	0,1				16					

# QUATERLY BULLETTIN *April-June 2008*

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

22/04/2008	10.10.56.64	46.1380	11.2240	12,1		1,6	345	5	99	250	42	99	D	0,77	0	BEDOLLO (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	
PANI	e	c	1	10.10.59.66	2,8	94	62,07	2	164			1,78	0,57	C	27	0,99	0,99	1,76		1,6	
DDS	i	c	0	10.11.01.95	21	204			116			3,97	0,11	C	26	1,29		0		1,5	
OZOL	e		1	10.11.02.64	43,4	334			103			7,61	0,57		26	-1,59		0		1,5	
VAR	e	c	2	10.11.04.30	39,9	231			104			7,03	0,99	C	22	0,63		0		1,3	
CARE	i	c	1	10.11.05.62	62,3	312			99			10,78	0,57	C	23	-1,8		0		1,3	

23/04/2008	22.50.09.89	.	.											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		
CARV	I	C	1	22.50.09.89			12,39	1		4,4	0,85				22							
CARN	I	D	1	22.50.09.89			12,39	1		4,1	0,1				22							
CARE	I	C	1	22.50.09.89			12,39	1		3,76	0,08				22							

24/04/2008	2.52.02.86	.	.										0	PANI,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
PANN			1	2.52.02.86			6,627	1		2,14	0,1				23					
PANE			1	2.52.02.86			6,627	1		5,3	0,1				23					
PANV	I	C	1	2.52.02.86			6,627	1		2,75	0,08				23					
OZOV	I	C	1	2.52.04.58			9,527	1		1,51	0,16				23					
OZON			1	2.52.04.58			9,527	1		2,68	0,18				23					
OZOE			1	2.52.04.58			9,527	1		3,1	0,16				23					

24/04/2008	19.15.11.11	.	.											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
CARV	I	D	1	19.15.11.11			13,32	2		3,86	3,2				23					
CARE	I	C	1	19.15.11.11			13,32	2		2,91	0,05				23					
CARN			1	19.15.11.11			13,32	2		2,1	0,02				23					
OZOE	I	C	1	19.15.11.21			13,55	1		3,55	0,13				23					
OZON	I	C	1	19.15.11.21			13,55	1		1,83	0,24				23					
OZOV	I	C	1	19.15.11.21			13,55	1		2,5	0,18				23					

25/04/2008	0.44.03.07	46.3780	10.5010	7,6		2,1	207	12	3,8	50	77	22	D	0,25	0	S. CATERINA V. (SO)			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	c	0	0.44.06.73	24	94	9,26	2	115			4,51	0,1	C	39	0	1	-1,13		1,9	
OZOL	i	c	2	0.44.10.95	51,5	94	16,65	2	102			9	1	C	47	-0,13	1	-1,49		2,1	
RNI	i	d	1	0.44.11.59	54,1	160	17,45	2	101			9,4400	0,5	D	30	0,05	1	-1,5		1,6	
VAR	i	c	2	0.44.15.49	78,7	149			98			13,58	1	C	42	-0,17		0		1,9	
PANI	e		2	0.44.16.51	85,1	120	26,54	3	97			14,66	1		40	-0,23	2	-1,67		1,8	
DDS	e	c	2	0.44.17.12	87,9	135	27,27	3	97			15,14	1	C	39	-0,09	2	-1,77		1,8	

25/04/2008	6.51.02.92	45.7820	10.8630	16,8		1,2	300	16	99	203	23	99	D	0,54	0	BRENTONICO (TN)							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
VAR	e	c	1	6.51.05.99	10	0	8,27	2	135			2,42	0,57	C	15	0,47	0,99	0,7					
DDS	e		2	6.51.08.48	27,6	55			110			5,02	0,99		18	0,47		0		1,1			
RNI	e		2	6.51.08.56	34,5	322	13,11	2	106			6,14	0,99		15	-0,57	0,99	-0,88		0,9			

# QUATERLY BULLETTIN April-June 2008

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

25/04/2008	13.16.23.20	45.7730	11.7420	12,9		2,4	29	2	35	299	12	99	D	0,38	0	BASSANO GRAPPA (VI)				M 2.7(O)			
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag			
PANI	e		2	13.16.31.10	65,4	319	37,04	3	99			11,31	2,6		61	-3,47	0,99	-6,39		2,3			
DDS	e	c	2	13.16.31.20	62,4	299	37,46	3	99			10,81	1,83	C	52	-2,88	0,99	-5,09		2,2			
VAR	i	c	1	13.16.34.77	81,1	288	43,48	3	97			13,98	0,77	C	41	-2,46	0,99	-4,68		1,9			
OZOL	e	c	2	13.16.38.47	109,6	324			95			18,81	2,6	C	56	-3,57		0		2,1			
RNI	e	c	2	13.16.38.49	107	293			95			18,37	4,05	C	50	-3,13		0		2			
CARE	e	d	2	13.16.41.71	129,6	315	56,61	3	59			22,01	8,13	D	60	-3,74	0,99	-6,18		2,2			

26/04/2008	11.16.51.06	.	.											0	RNI			TREBLE 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
RNIV	I	D	1	11.16.51.06				8		4,81	0,08									
RNIN			1	11.16.51.06				8		10,3	0,06									
RNIE			1	11.16.51.06				8		8,7	0,11									

27/04/2008	14.20.43.91	.	.											0	ORTLES [I]			M 0.6(S)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARV			1	14.20.43.91			45,82	2		31	0				27					
CARE			1	14.20.43.91			45,82	2		18,4	0,03				27					
CARN			1	14.20.43.91			45,82	2		32,1	0,05				27					
OZOE			2	14.20.47.28			51,57	2		5,61	0,1				27					
OZOV			2	14.20.47.28			51,57	2		1,53	0,1				27					
OZON			2	14.20.47.28			51,57	2		4,73	0,14				27					

28/04/2008	16.05.24.63	46.0000	11.5420	7		1,3	301	0	99	31	39	99	D	0,73	0	CIMA DODICI (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	16.05.27.73	10	0	30,25	2	135			2,42	0,99		18	0,57	0,99	1,02		1,2	
DDS	i	c	1	16.05.29.98	14,5	232			125			3,01	0,57	C	17	2,32		0		1,1	

28/04/2008	16.23.27.26	45.4615	12.3978	13,44		2,5	167	1	47	258	13	25	D	0,37	0	VENEZIA	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
DDS	e		2	16.23.45.24	109,9	301			59			18,83	1,02		68	0,45		0		2,3
PANI	e		2	16.23.46.12	112	313			59			19,14	1,03		78	0,99		0		2,5
VAR	e		2	16.23.48.04	127,5	294	65,37	3	59			21,41	1,01		59	0,65	2,05	1,16		2,2
OZOL	e		2	16.23.52.13	155,1	318			59			25,48	1,02		63	0,72		0		2,2
RNI	e		3	16.23.52.41	154	297			59			25,31	2,03		52	1,11		0		2
CARE	e	d	2	16.23.54.42	176,5	312			47			28,34	1,01	D	78	-0,05		0		2,4

29/04/2008	2.20.34.95	.	.											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
CARV	I	D	1	2.20.34.95			36,1	1		3,97	0,06				18					
CARE	I	D	1	2.20.34.95			36,1	1		4,95	0,06				18					
CARN	I	C	1	2.20.34.95			36,1	1		7,71	0,08				18					

# QUATERLY BULLETTIN April-June 2008

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

29/04/2008	6.10.43.71	.	.											0	RNI					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIE			1	6.10.43.71			44,68	1		38,9	0,1				14					
RNIV	I	C	1	6.10.43.71			44,68	1		16,4	0,08				14					
RNIN			1	6.10.43.71			44,68	1		42,6	0,13				14					

29/04/2008	10.59.53.10	45.9520	10.9100	12,1		1,3	156	2	18	65	26	5,1	D	0,77	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	
VAR	e		2	10.59.56.06	3,4	255	58,76	2	165			2,2	1		16	-0,05	1	0,71		1	
DDS	e		1	10.59.57.78	19,9	75	61,03	2	122			4,01	0,5		16	0	1	0,01		1	
PANI	e	c	2	10.59.59.49	38,9	52	64,18	2	108			6,97	1	C	17	-1,21	1	-2,04		1	

30/04/2008	10.00.32.07	.	.											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
OZOE			1	10.00.32.07			35,12	1		6,58	0,18				25					
OZON			1	10.00.32.07			35,12	1		13	0,42				25					
OZOV	E	D	1	10.00.32.07			35,12	1		4,09	0,21				25					

01/05/2008	17.47.34.15	.	.											0	RNI,VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIN			1	17.47.34.15			35,26	1		25,6	0,14				19					
RNIV	I	D	1	17.47.34.15			35,26	1		16	0,06				19					
RNIE			1	17.47.34.15			35,26	1		28,4	0,14				19					
VARN			2	17.47.37.00			40,13	2		3,6	0,24				20					
VARV			2	17.47.37.00			40,13	2		1,15	0,11				20					
VARE			2	17.47.37.00			40,13	2		2,12	0,16				20					

03/05/2008	4.40.19.97	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARE			1	4.40.19.97			21,96	1		40	0,05				17					
VARN			1	4.40.19.97			21,96	1		55	0,06				17					
VARV	I	C	1	4.40.19.97			21,96	1		17,6	0,06				17					

03/05/2008	7.00.03.18	44.7071	10.1294	9,27		2,5	47	22	27	283	54	57	D	0,25	0	FORNOVO DI TARO (PR)					M 2.5(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		
VAR	e	d	2	7.00.27.01	138,3	26				59		23,37	1	D	64	0,31		0		2,2		
RNI	e	d	2	7.00.27.83	146,7	15				59		24,6	1	D	70	-0,13		0		2,3		
DDS	e	d	2	7.00.28.88	154,6	32	49,87	3	59			25,76	1	D	67	-0,21	2	0,58		2,2		
OZOL	e	d	2	7.00.35.56	201,8	21				47		31,99	1	D		0,25		0				

03/05/2008	9.11.40.08	.	.											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
VAR	e		2	9.11.40.08											57					
RNI	e		2	9.11.40.89			60,5	3							50					
OZOL	e		2	9.11.48.53											48					

# QUATERLY BULLETTIN April-June 2008

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			

04/05/2008	3.11.18.30	45.8790	11.2570	14,7		0,8	234	1	99	143	36	99	D	0,36	0	LASTEBASSE (VI)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DDS	i	c	0	3.11.20.95	10	0	23,13	2	135			2,42	0,11	C	10	-0,01	0,99	0,13			
PANI	e		2	3.11.22.58	31,1	21	25,83	2	108			5,59	0,99		16	-1,45	0,99	-2,64		1	
VAR	e		2	3.11.23.83	23	280	28,02	2	114			4,28	0,99		8	1,09	0,99	1,84		0,3	

04/05/2008	17.23.07.61	.	.											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
CARV	I	C	1	17.23.07.61			9,666	1		7,62	0,08				24					
CARN			1	17.23.07.61			9,666	1		12,1	0,05				24					
CARE	I	C	1	17.23.07.61			9,666	1		7,01	0,05				24					

04/05/2008	23.29.11.55	.	.											10	ZONA ASCOLI PICENO				M 2.8(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		
DDS	e		2	23.29.11.55											137							
VAR	e	d	2	23.29.12.22											103							
PANI	e		2	23.29.13.01											141							
RNI	e		2	23.29.15.71											118							
OZOL	e	d	2	23.29.18.71			59,12	3							121							
CARE	e		3	23.29.21.06			62,66	4							133							

05/05/2008	10.05.41.66	46.1430	11.2290	16,1		1,6	334	9	99	238	32	99	D	1,39	1	BEDOLLO (TN)			EXPL??	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	10.05.45.17	3,2	104				162		1,8	0,99		23	1,23		0		1,4
DDS	e	c	2	10.05.47.44	21,4	203				115		4,03	0,99	C	25	1,47		0		1,4
OZOL	e		2	10.05.47.87	42,7	334	52,59	3	103			7,5	0,99		24	-1,5	0,99	-2,67		1,4
CARE	e	c	1	10.05.50.86	61,7	312				99		10,68	0,57	C	22	-1,71		0		1,3

05/05/2008	10.53.37.55	.	.											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE			1	10.53.37.55			38,26	1		9,1	0,02				15					
CARN	E	C	1	10.53.37.55			38,26	1		12,3	0,02				15					
CARV	E	C	1	10.53.37.55			38,26	1		10,6	0,03				15					

06/05/2008	9.02.06.99	.	.											0	VAR			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
VARE			1	9.02.06.99			8,501	1		14,7	0,1									
VARN			1	9.02.06.99			8,501	1		14,7	0,14									
VARV	E	D	1	9.02.06.99			8,501	1		10,8	0,1									

06/05/2008	9.05.40.16	.	.											0	VAR			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
VARE			1	9.05.40.16			41,7	1		20,2	0,06									
VARV	E	C	1	9.05.40.16			41,7	1		12,5	0,08									
VARN			1	9.05.40.16			41,7	1		20,6	0,05									

# QUATERLY BULLETTIN April-June 2008

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					

06/05/2008	11.12.01.60	45.6993	9.7575	12,11		2,1	44	8	33	310	28	41	D	0,63	0	PEDRENGO (BG)			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
RNI	e	c	2	11.12.14.21	78,9	58	23,01	3	99			13,65	1	C	35	-3,18	0,99	-5,07		1,7
CARE	e		2	11.12.20.38	116,1	38	33,15	3	59			19,85	1		41	-3,39	0,99	-6,28		1,8
DDS	e		2	11.12.21.23	115,4	74	35,07	3	59			19,75	1		42	-2,35	0,99	-4,02		1,8
PANI	e	c	2	11.12.23.91	132	68	39,18	3	59			22,19	1	C	48	-2,15	2,01	-4,32		1,9

06/05/2008	16.29.43.05	46.1320	11.2130	12,1		1,6	151	12	33	246	23	99	D	0,91	0	FRASSILONGO (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			
PANI	e		2	16.29.46.09	6,8	17				143		1,94	0,99		25	0,83		0		1,5			
DDS	e	c	2	16.29.48.27	15,6	217				120		3,09	0,99	C	23	1,99		0		1,4			
OZOL	e		2	16.29.49.01	49,8	337	53,66	3	100			8,66	1,14		22	-2,73	2,04	-4,87		1,3			

06/05/2008	23.39.30.93	45.8220	11.0650	12,9		1,4	161	12	21	251	2	6,1	D	0,02	0	VALLARSA (TN)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DDS	i	d	0	23.39.33.91	11	58	36,2	2	137			2,78	0,1	D	19	0	1	-0,04		1,2	
VAR	e		2	23.39.34.04	13,2	270	36,52	3	132			3,05	1			-0,13	2	-0,19			
PANI	e		2	23.39.36.99	32,3	40	41,7	3	110			5,89	1		20	0,06	2	0,09		1,2	

07/05/2008	6.18.29.07	45.8110	11.0710	11,9		2,1	258	1	3,4	349	65	14	D	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	
DDS	i	d	0	6.18.31.96	16,6	29	34,28	2	123			3,39	0,1	D	37	0	1	-0,44		1,9	
VAR	i	d	1	6.18.32.08	16,9	301	34,6	2	123			3,42	0,5	D	35	0,08	1	-0,19		1,8	
PANI	e	c	2	6.18.35.24	38,7	30	39,75	2	106			6,87	1	C	43	-0,14	1	-1,06		2	
RNI	e		2	6.18.36.05	44,1	306			104			7,76	1		36	-0,21		0		1,8	
CARE	e		2	6.18.42.07	80,9	338			98			13,95	1		43	-0,35		0		1,9	

07/05/2008	21.41.19.57	45.7580	11.2830	4,4		1,3	301	0	99	31	26	99	D	0,09	0	POSINA (VI)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DDS	i	c	1	21.41.22.25	10	0	24,46	2	135			2,42	0,57	C	14	0,02	0,99	0,19			
PANI	e		2	21.41.25.31	31,1	21	29,6	2	108			5,59	0,99		19	0	0,99	-0,14		1,2	

08/05/2008	10.13.57.83	46.1420	11.2620	18,2		1,5	344	4	3,6	252	25	12	D	0,18	2	BASELGA DI P. (TN)			EXPL?		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e	c	2	10.14.01.48	11,3	152				137		2,8	1	C	26	0,25		0		1,5	
DDS	i	c	1	10.14.03.77	29,6	192				112		5,45	0,5	C	24	0,03		0		1,4	
OZOL	e	c	1	10.14.04.40	33,6	330	9,34	3	110			6,09	0,5	C	20	0,05	2	0,19		1,2	
VAR	e	c	2	10.14.06.13	45,1	220				105		7,97	1	C	21	-0,1		0		1,2	
CARE	e	c	1	10.14.07.46	54,3	306				102		9,5	0,5	C	21	-0,31		0		1,2	

08/05/2008	13.25.32.95	.	.											0	DDS,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
DDSV	I	C	1	13.25.32.95			35,63	1		3,19	0,06				24					
DDSN			1	13.25.32.95			35,63	1		8,27	0,06				24					
DDSE			1	13.25.32.95			35,63	1		4,2	0,08				24					
PANE			1	13.25.34.16			38,1	2		0,214	0,18				25					
PANV			1	13.25.34.16			38,1	2		0,141	0,11				25					
PANN			1	13.25.34.16			38,1	2		0,21	0,13				25					



# QUATERLY BULLETTIN April-June 2008

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

08/05/2008	20.05.58.19	.	.											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
CARN	E	D	1	20.05.58.19			59,78	1		5,89	0,03				22					
CARE			1	20.05.58.19			59,78	1		4,94	0,05				22					
CARV	E	C	1	20.05.58.19			59,78	1		4,58	0,03				22					

10/05/2008	8.26.24.59	45.9800	10.8780	4		1,4	286	0	4,9	16	19	6,6	D	0,2	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	
VAR	e		2	8.26.27.47	15,3	171	30,07	2	122			3,09	1		25	0,04	1	0,11		1,5	
RNI	e		2	8.26.27.89	19,1	276	30,76	3	117			3,66	1		19	-0,1	2	-0,2		1,2	
DDS	e	c	2	8.26.29.27	26,5	110	32,52	2	110			4,83	1	C	18	0,17	1	-0,42		1,1	
PANI	e		2	8.26.31.04	37,4	75			104			6,61	1		16	0,17		0		1	
CARE	e		3	8.26.33.46	53	345			100			9,21	2		18	-0,01		0		1,1	

11/05/2008	15.56.22.40	.	.											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
CARN	I	D	1	15.56.22.40			24,91	1		6,64	0,08				23					
CARV	I	C	1	15.56.22.40			24,91	1		5,69	0,06				23					
CARE	I	C	1	15.56.22.40			24,91	1		4,73	0,1				23					

12/05/2008	11.56.08.02	.	.											10	NORTHERN ITALY			M 2.8(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
RNIV			2	11.56.08.02			34,27	2		0,387	0,35				111					
RNIN			2	11.56.08.02			34,27	2		1,18	0,21				111					
RNIE			2	11.56.08.02			34,27	2		1,32	0,29				111					
PANE			2	11.56.12.52			41,75	2		0,271	0,3				109					
PANV			2	11.56.12.52			41,75	2		0,164	0,21				109					
PANN			2	11.56.12.52			41,75	2		0,252	0,51				109					

12/05/2008	14.48.17.61	.	.											1	PANI,DDS			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
PANE	I	D	1	14.48.17.61			19,56	1		12,7	0,18				33					
PANN	I	C	1	14.48.17.61			19,56	1		8,47	0,19				33					
PANV	I	C	1	14.48.17.61			19,56	1		8,28	0,19				33					
DDSE	E	D	1	14.48.20.25			24,2	2		3,93	0,26				32					
DDSN	E	D	1	14.48.20.25			24,2	2		3,96	0,11				32					
DDSV	I	C	1	14.48.20.25			24,2	2		1,51	0,22				32					

13/05/2008	7.54.23.48	.	.											0	OZOL					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
OZON			1	7.54.23.48			24,71	1		76,7	0,48				24					
OZOV	I	C	1	7.54.23.48			24,71	1		18,5	0,38				24					
OZOE			1	7.54.23.48			24,71	1		28,7	0,38				24					

# QUATERLY BULLETTIN April-June 2008

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				

14/05/2008	5.37.01.22	.	.											0	PANI,DDS					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANV	E	D	1	5.37.01.22			2,979	1		2,02	0,08				22					
PANN			1	5.37.01.22			2,979	1		4,8	0,11				22					
PANE			1	5.37.01.22			2,979	1		3,81	0,11				22					
DDSV			2	5.37.01.86			3,976	2		2,33	0,14				22					
DDSN			2	5.37.01.86			3,976	2		4,96	0,06				22					
DDSE			2	5.37.01.86			3,976	2		4,39	0,1				22					

14/05/2008	9.51.50.58	46.0000	11.5360	7		1,5	301	0	99	211	44	99	D	0,810	0	CIMA DODICI (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	c	1	9.51.53.67	10	0	56,07	2	135			2,42	0,57	C	20	0,42	0,99	0,75		1,3
DDS	e	c	1	9.51.55.86	14,5	232			125			3,01	0,57	C	21	2,1		0		1,3

14/05/2008	13.00.10.60	.	.											0	RNI					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIE			1	13.00.10.60			14,32	2		162	0,3				64					
RNIN			1	13.00.10.60			14,32	2		137	0,19				64					
RNIV	E	C	1	13.00.10.60			14,32	2		44,9	0,13				64					

14/05/2008	15.27.35.82	46.1430	11.2030	11,4		1,5	87	36	46	198	27	7,6	D	1	1	BASELGA DI P. (TN)			EXPL??		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	i	c	1	15.27.38.94	1,1	205	41,41	3	175			2,11	0,5	C	19	-0,04	2	0,52		1,2	
DDS	e	c	1	15.27.41.17	23,2	211			118			4,49	0,5	C	26	0,01		0		1,5	
CARE	e	c	2	15.27.44.59	64,2	309			101			11,18	1	C	19	-3,21		0		1,1	

15/05/2008	0.44.51.47	46.4090	10.7200	10,1		1	5	0	99	95	28	3,5	D	0,01	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		0	0.44.53.21	1,2	275	54,65	2	172			1,37	0,1		12	0	1	0,03		0,7	
OZOL	i	c	1	0.44.56.20	26,4	95	59,78	2	107			4,71	0,5	C	14	0,03	1	-0,11		0,8	

15/05/2008	7.59.13.16	.	.											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
OZOE			1	7.59.13.16			14,44	1		42,7	0,4				24					
OZON			1	7.59.13.16			14,44	1		101	0,5				24					
OZOV	I	C	1	7.59.13.16			14,44	1		19,7	0,54				24					

15/05/2008	15.27.51.18	.	.											0	DDS			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
DDSV	I	C	1	15.27.51.18				8		9,73	0,05									
DDSN	I	C	1	15.27.51.18				8		10,5	0,02									
DDSE			1	15.27.51.18				8		15,9	0,02									

# QUATERLY BULLETTIN *April-June 2008*

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

15/05/2008	20.04.13.81	.	.											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARN	E	C	1	20.04.13.81			14,49	1		30,8	0,02				14					
CARE	E	C	1	20.04.13.81			14,49	1		29,1	0,02				14					
CARV	I	C	1	20.04.13.81			14,49	1		29,2	0,02				14					

15/05/2008	20.08.06.15	.	.											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARV	I	C	1	20.08.06.15			6,83	1		4,36	0,03				14					
CARN	I	C	1	20.08.06.15			6,83	1		4,41	0,02				14					
CARE			1	20.08.06.15			6,83	1		4,66	0,02				14					

16/05/2008	8.45.09.59	.	.											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
OZOE	I	C	1	8.45.09.59			10,38	2		45,2	0,02				15					
OZOV	I	C	1	8.45.09.59			10,38	2		15	0,02				15					
OZON	I	C	1	8.45.09.59			10,38	2		33,6	0,02				15					

16/05/2008	16.34.16.60	.	.											0	MUESTAIR [CH]			M 0.6(S)		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARV	I	D	1	16.34.16.60			19,95	2		4,2	4,4				25					
CARN	I	D	1	16.34.16.60			19,95	2		1,78	0,03				25					
CARE	I	D	1	16.34.16.60			19,95	2		1,74	0,03				25					

17/05/2008	6.59.06.16	.	.											10	ALPI APUANE			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
DDS	e		2	6.59.06.16											66					
RNI	e		2	6.59.07.05											68					
CARE	e		2	6.59.13.67			44,75	3							76					

17/05/2008	11.10.50.11	46.4840	10.8810		2,4		1,5	5	0	99	275	35	99	D	1,45	0	SANTA GERTRUDE (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	i	c	0	11.10.52.75	10	0	55,08	2	135			2,42	0,11	C	21	0,1	0,99	0,43			
CARE	i	d	0	11.10.52.90	30,1	294	54,85	2	108			5,43	0,11	D	22	-2,75	0,99	-5,14		1,3	

17/05/2008	18.41.31.05	.	.											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARV			2	18.41.31.05			34,07	2		16,4	0,02				21					
CARN			2	18.41.31.05			34,07	2		25	0,02				21					
CARE			2	18.41.31.05			34,07	2		15,5	0,02				21					

# QUATERLY BULLETTIN April-June 2008

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

18/05/2008	2.33.39.74	45.4550	11.0070	14,3		2,9	322	28	13	57	8	14	D	0,44	0	VERONA			M 2.8(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	
VAR	i	d	1	2.33.47.46	50,8	352	53,29	2	105			8,98	0,5	D	69	0,12	1	-1,11		2,5	
DDS	e		2	2.33.48.59	58,4	16			103			10,24	1		92	0		0		2,7	
RNI	e	d	2	2.33.50.93	73,1	337	60,22	3	100			12,7	1	D	87	-0,12	2	-0,79		2,7	
PANI	e		2	2.33.52.04	80	20	61,62	3	99			13,86	1		100	-0,16	2	-1,44		2,8	
OZOL	e		2	2.33.57.88	114,5	3	71,93	3	59			19,53	1		124	-0,04	2	-1,31		2,9	
CARE	e	d	2	2.33.58.69	118,9	349			59			20,18	1	D	69	0		0		2,3	

19/05/2008	10.50.31.27	.	.											0	RNI					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIV	E	D	1	10.50.31.27			32,36	1		23,1	0,08				18					
RNIN	E	C	1	10.50.31.27			32,36	1		51,7	0,14				18					
RNIE			1	10.50.31.27			32,36	1		61,1	0,14				18					

19/05/2008	12.13.58.67	.	.											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARV	E	C	1	12.13.58.67			60,88	1		18	0,03				18					
CARN	E	C	1	12.13.58.67			60,88	1		20,2	0,05				18					
CARE	E	C	1	12.13.58.67			60,88	1		24,6	0,11				18					

20/05/2008	15.28.23.83	.	.											1	PAGA,PANI			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
PAGV	I	C	1	15.28.23.83			26,35	2		2,03	0,38				34					
PANV			1	15.28.23.99			26,69	1		3,17	0,1				34					
PANE			1	15.28.23.99			26,69	1		5,6	0,34				34					
PANN			1	15.28.23.99			26,69	1		5,34	0,35				34					

21/05/2008	5.07.07.39	.	.											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	5.07.07.39			8,517	1		13,3	0				19					
CARV	E	D	1	5.07.07.39			8,517	1		16,4	0,02				19					
CARN	E	D	1	5.07.07.39			8,517	1		16,9	0,06				19					

21/05/2008	7.21.38.25	.	.											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	e		3	7.21.38.25			67,65	3							73					
PANI	e		3	7.21.39.05											66					
DDS	e		3	7.21.41.42											75					

21/05/2008	7.56.47.27	.	.											1	OZOL	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
OZOE			1	7.56.47.27			48,91	1		10,5	0,29				22					
OZON			1	7.56.47.27			48,91	1		19,3	0,46				22					
OZOV	I	C	1	7.56.47.27			48,91	1		6,28	0,43				22					

# QUATERLY BULLETTIN April-June 2008

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			

21/05/2008	11.03.40.10	.	.											0	RNI					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIN	I	D	1	11.03.40.10			41,95	1		3,89	0,06				17					
RNIE			1	11.03.40.10			41,95	1		8,37	0,11				17					
RNIV	I	D	1	11.03.40.10			41,95	1		3,98	0,06				17					

21/05/2008	13.40.02.59	47.4191	13.0595				2,9	155	14	99	257	40	29	D	1,45	0	BISCHOFSHOFEN [A]			
st_name	p_rem	m	w_p	time_s	dist	azm	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	13.40.33.56	184,5	237			47			30,9	2,1			6,26		0		
PANI	e	d	2	13.40.35.49	193,9	224			47			32,08	1,05	D	97	6,92		0		2,5
CARE	e		3	13.40.36.31	206,4	242	67,55	3	47			33,64	2,1		102	6,1	2,04	10,86		2,6
DDS	e	d	3	13.40.37.81	215,6	222			47			34,79	2,1	D	95	6,57		0		2,5

21/05/2008	22.28.15.00	.	.											0	VAR,DDS					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARE			2	22.28.15.00			19,15	2		12,1	0,06				24					
VARN			2	22.28.15.00			19,15	2		11,1	0,06				24					
VARV			2	22.28.15.00			19,15	2		5,08	0,1				24					
DDSV	I	D	1	22.28.16.39			21,57	1		1,56	0,4				24					
DDSE			1	22.28.16.39			21,57	1		3,47	0,1				24					
DDSN			1	22.28.16.39			21,57	1		2,65	0,08				24					

23/05/2008	8.59.42.01	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARN	E	C	1	8.59.42.01			43,54	1		17,1	0,11				16					
VARV	E	C	1	8.59.42.01			43,54	1		10,9	0,1				16					
VARE			1	8.59.42.01			43,54	1		24	0,08				16					

23/05/2008	9.04.51.65	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARE			1	9.04.51.65			53,16	1		18,7	0,08				15					
VARN			1	9.04.51.65			53,16	1		22	0,1				15					
VARV	E	D	1	9.04.51.65			53,16	1		10,6	0,08				15					

23/05/2008	10.51.22.67	46.2415	12.8488	10		2,2	101	43	42	314	41	24	D	0,35	0	TRAVESIO (PN)				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	e		3	10.51.43.16	118,9	260				95		20,39	2		54	0,07		0		2,1	
DDS	e	d	2	10.51.45.43	134,6	253				59		22,75	1	D	48	-0,14		0		1,9	
OZOL	e	d	2	10.51.46.11	139,6	278				59		23,49	1	D	42	-0,16		0		1,8	
CARE	e		2	10.51.49.62	167,1	278	72,36	3	59			27,54	1		40	-0,82	2	0,27		1,7	

23/05/2008	18.35.49.05	45.8450	11.0480		8,9		1,9	252	0	2,9	342	29	16	D	0,09	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
DDS	i	c	1	18.35.51.57	13,9	44	53,45	2	126			2,93	0,5	C	38	-0,03	1	-0,56		1,9
VAR	i	c	0	18.35.51.57	13,6	288	53,57	2	126			2,89	0,1	C	28	0	1	-0,39		1,6
PANI	e		2	18.35.54.74	35,8	36	59,11	3	106			6,35	1		40	-0,21	2	-0,87		1,9
RNI	e		2	18.35.55.42	40,3	302	60,44	3	104			7,11	1		28	-0,27	2	-0,86		1,5

# QUATERLY BULLETTIN April-June 2008

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			

24/05/2008	0.27.58.70	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARE			2	0.27.58.70			60,63	2		8,78	0,03				17					
VARV			2	0.27.58.70			60,63	2		5,51	0,06				17					
VARN			2	0.27.58.70			60,63	2		12,5	0,06				17					

24/05/2008	6.21.49.13	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARN			1	6.21.49.13			52,89	1		10	0,08				23					
VARV	I	D	1	6.21.49.13			52,89	1		3,19	0,13				23					
VARE			1	6.21.49.13			52,89	1		4,93	0,08				23					

25/05/2008	0.49.30.80	45.7850	11.0770	11,2		1,9	254	0	1,5	164	3	8,4	D	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			
DDS	i	d	0	0.49.33.82	21,1	17	36,13	2	115			4	0,1	D	30	0,01	1	-0,89		1,7			
VAR	i	d	0	0.49.33.94	21,7	311	36,47	2	115			4,08	0,1	D	32	0,04	1	-0,71		1,7			
PANI	e	d	2	0.49.37.13	43	24			103			7,54	1	D	41	-0,18		0		1,9			
RNI	e		2	0.49.38.08	49	310			102			8,56	1		32	-0,23		0		1,7			
OZOL	e	d	2	0.49.42.83	78,5	357	51,95	2	97			13,52	1	D	28	-0,41	1	-1,86		1,5			
CARE	e		2	0.49.44.13	86,8	339			97			14,94	1			-0,55		0					

25/05/2008	10.00.54.66	45.8360	11.1430	13,9		1,8	250	22	99	149	25	99	D	0,1	0	FOLGARIA (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			
DDS	i	c	0	10.00.57.26	10	0	59,3	2	135			2,42	0,11	C	31	-0,1	0,99	-0,1					
VAR	i	c	1	10.00.58.67	23	280	61,84	2	114			4,28	0,57	C	29	-0,47	0,99	-0,74		1,6			
PANI	e		2	10.01.00.12	31,1	21	4,13	3	108			5,59	0,99		27	-0,31	0,99	-0,74		1,5			

25/05/2008	16.58.53.32	45.7870	11.0760	11,6		2	254	0	1,6	344	86	14	D	0,19	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			
DDS	i	d	0	16.58.56.39	22	16	58,71	2	114			4,13	0,1	D	36	-0,03	1	-1,01		1,8			
VAR	i	d	0	16.58.56.51	22,5	313	59,01	2	114			4,21	0,1	D	22	0,01	1	-0,87		1,3			
PANI	i	c	1	16.58.59.69	43,7	23	64,53	3	103			7,67	0,5	C	51	-0,22	2	-1,42		2,2			
RNI	e	d	2	16.59.00.46	49,8	311	6,49	3	101			8,6900	1	D	44	-0,47	2	-1,26		2			
OZOL	e		2	16.59.05.32	79,4	357	14,51	2	97			13,68	1		30	-0,56	1	-2,07		1,5			
CARE	e		2	16.59.06.66	87,8	339			96			15,1	1		36	-0,66		0		1,7			

25/05/2008	23.33.53.51	.	.											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	e		2	23.33.53.51											57					
PANI	e	c	2	23.33.58.42			76,09	3							48					
DDS	e		2	23.34.01.57			21,39	3							48					

26/05/2008	4.49.58.91	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARV	I	C	1	4.49.58.91			60,3	1		4,1	0,1				17					
VARN			1	4.49.58.91			60,3	1		8,13	0,08				17					
VARE			1	4.49.58.91			60,3	1		7,41	0,11				17					

# QUATERLY BULLETTIN April-June 2008

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				

26/05/2008	16.03.38.49	.	.												1	PANI,DDS	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
PANV	I	C	1	16.03.38.49			40,42	1		0,729	0,14				32					
PANE	I	D	1	16.03.38.49			40,42	1		1,06	0,16				32					
PANN	I	C	1	16.03.38.49			40,42	1		1,16	0,13				32					
DDSE			1	16.03.41.13			44,93	2		0,363	0,32				33					
DDSN			1	16.03.41.13			44,93	2		0,432	0,27				33					
DDSV	I	C	1	16.03.41.13			44,93	2		0,181	0,03				33					

26/05/2008	17.01.55.98	45.8090	10.6940	7,6		1,9	107	1	5,7	197	5	23	D	0,23	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	
VAR	e		2	17.01.58.92	20	67				116		3,82	1		30	0,04		0		1,7	
RNI	i	d	1	17.01.59.62	24,9	353				112		4,58	0,5	D	36	-0,01		0		1,8	
DDS	e	d	2	17.02.02.88	43,3	72	8,15	2	103			7,58	1	D	30	0,3	1	-0,39		1,6	
PANI	e		3	17.02.05.68	61,6	58	13,23	3	99			10,67	2		39	0,03	2	-0,79		1,8	

26/05/2008	20.42.20.93	45.8490	11.0180	13,5		1,3	188	21	99	87	26	99	D	0,5	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	
VAR	i	c	1	20.42.23.78	10	0	25,96	2	135			2,42	0,57	C	18	0,28	0,99	0,41			
DDS	i	c	0	20.42.24.22	27,6	55	26,74	2	110			5,02	0,11	C	16	-1,77	0,99	-3,24		1	
RNI	e		2	20.42.27.11	34,5	322	32,15	3	106			6,14	0,99		16	0	0,99	0,18		1	

27/05/2008	9.52.06.88	46.1308	13.1100	9,42		2,1	22	17	30	279	37	18	D	0,26	0	FAGAGNA (UD)			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	
PANI	e		2	9.52.30.42	137,6	267				59		23,24	1		44	0,12		0		1,8	
DDS	e		2	9.52.32.27	151,4	260	53,14	3	59			25,28	1		46	-0,03	2	1,01		1,8	
OZOL	e		2	9.52.33.67	161,5	282	55,17	3	59			26,77	1		41	-0,09	2	0,45		1,7	
CARE	e		2	9.52.37.50	189	281	61,34	3	47			30,37	1		46	-0,05	2	-0,14		1,8	

27/05/2008	15.46.34.43	46.1390	11.2380	14,8		1,5	341	5	4,8	248	30	11	D	0,1	2	BASELGA DI P. (TN)			EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		2	15.46.37.77	12,3	142	40,24	3	135			2,99	1		20	0	2	-0,05		1,2
DDS	i	c	1	15.46.40.03	29	187			113			5,39	0,5	C	22	0		0		1,3
OZOL	e		2	15.46.40.69	32,7	334	45,37	3	111			5,99	1		23	0,1	2	0,05		1,4
VAR	e		2	15.46.42.36	43,4	217			106			7,72	1		20	0,03		0		1,2
CARE	e		2	15.46.43.60	52,5	307			103			9,23	1		21	-0,26		0		1,2

28/05/2008	13.57.23.86	.	.											0	VAR							
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag		
VARV	I	D	1	13.57.23.86			25,43	1		30,4	0,11				18							
VARE			1	13.57.23.86			25,43	1		43,8	0,1				18							
VARN			1	13.57.23.86			25,43	1		86,9	0,06				18							

# QUATERLY BULLETTIN April-June 2008

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			

28/05/2008	21.27.51.73	.	.											0	DDS,VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDSV			1	21.27.51.73			53,46	1		27,7	0,08				35					
DDSN			1	21.27.51.73			53,46	1		74,2	0,08				35					
DDSE			1	21.27.51.73			53,46	1		55,3	0,06				35					
VARE	E	D	1	21.27.54.45			58,3	1		6,85	0,05				34					
VARV	I	D	1	21.27.54.45			58,3	1		3,09	0,05				34					
VARN	E	C	1	21.27.54.45			58,3	1		6,65	0,06				34					

29/05/2008	4.27.06.61	.	.											0	DDS					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDSV	E	C	1	4.27.06.61			8,324	1		7,82	0,08				16					
DDSE			1	4.27.06.61			8,324	1		16,6	0,06				16					
DDSN			1	4.27.06.61			8,324	1		19,1	0,06				16					

29/05/2008	8.53.23.20	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARV	E	D	1	8.53.23.20			24,58	1		8,76	0,08				18					
VARN			1	8.53.23.20			24,58	1		17,4	0,08				18					
VARE			1	8.53.23.20			24,58	1		16,9	0,1				18					

29/05/2008	8.59.25.33	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARV			1	8.59.25.33			27,05	2		10,5	0,1				18					
VARE			1	8.59.25.33			27,05	2		22,6	0,08				18					
VARN			1	8.59.25.33			27,05	2		18	0,06				18					

29/05/2008	9.30.21.28	.	.											0	DDS,VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDSN			1	9.30.21.28			23,45	1		12,8	0,08				27					
DDSV	I	C	1	9.30.21.28			23,45	1		4,25	0,06				27					
DDSE			1	9.30.21.28			23,45	1		7,15	0,11				27					
VARV			1	9.30.21.56			23,91	1		7	0,06				27					
VARN			1	9.30.21.56			23,91	1		9,25	0,08				27					
VARE			1	9.30.21.56			23,91	1		14,5	0,05				27					

29/05/2008	10.13.41.92	.	.											0	DDS,VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDSV			2	10.13.41.92			46,46	2		2,24	0,24				37					
DDSE			2	10.13.41.92			46,46	2		4,58	0,21				37					
DDSN			2	10.13.41.92			46,46	2		4,22	0,27				37					
VARV			2	10.13.42.07			46,72	2		4,04	0,13				36					
VARN			2	10.13.42.07			46,72	2		6,42	0,14				36					
VARE			2	10.13.42.07			46,72	2		5,45	0,14				36					



# QUATERLY BULLETTIN *April-June 2008*

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

30/05/2008	1.46.11.77	.	.											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
OZOE	I	D	1	1.46.11.77			14,01	1		10	0,05				20					
OZOV	I	C	1	1.46.11.77			14,01	1		3,37	0,02				20					
OZON	E	C	1	1.46.11.77			14,01	1		3,77	0,03				20					

30/05/2008	4.31.02.39	.	.										0	RNI						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIV	I	C	1	4.31.02.39			4,493	1		13	0,02				19					
RNIE	I	D	1	4.31.02.39			4,493	1		23,4	0,08				19					
RNIN	I	D	1	4.31.02.39			4,493	1		13,9	0,05				19					

30/05/2008	18.02.28.10	46.4620	10.7380	6,6		1,1	70	18	99	327	34	99	D	0,61	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	e	c	1	18.02.29.50	10	0	30,68	2	135			2,42	0,57	C	15	-1,31	0,99	-2,26			
OZOL	i	c	0	18.02.32.53	28,5	74	35,94	2	109			5,17	0,11	C	14	-0,78	0,99	-1,45		0,8	
RNI	e		1	18.02.37.45	39,7	188			104			7	0,57			2,3		0			

31/05/2008	1.32.00.91	.	.											0	RNI					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIV	I	C	1	1.32.00.91			4,298	1		5,72	0,08				25					
RNIN	E	C	1	1.32.00.91			4,298	1		11,6	0,11				25					
RNIE			1	1.32.00.91			4,298	1		8,91	0,13				25					

01/06/2008	12.31.02.76	.	.											10	METAURO	M 3.3(I)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
DDS	e		2	12.31.02.76																
VAR	i	c	2	12.31.03.53			32,26	3												
RNI	e	c	2	12.31.06.75											102					
OZOL	e	c	2	12.31.10.56											130					
CARE	e	c	2	12.31.12.72											133					

01/06/2008	14.15.03.31	.	.											0	RNI					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIE	E	C	1	14.15.03.31			4,398	1		39,4	0,14				17					
RNIN			1	14.15.03.31			4,398	1		35,6	0,06				17					
RNIV	E	D	1	14.15.03.31			4,398	1		14,9	0,1				17					

01/06/2008	15.50.33.34	.	.											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	15.50.33.34			34,09	1		4,56	0,03				14					
CARN	I	C	1	15.50.33.34			34,09	1		9,47	0,05				14					
CARV	I	C	1	15.50.33.34			34,09	1		9,04	0,03				14					

# QUATERLY BULLETTIN April-June 2008

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

02/06/2008	1.10.07.44	46.3750	10.5110	8,9		1,7	62	5	99	156	42	99	D	0,48	0	S. CATERINA V. (SO)		M 1.7(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
CARE	i	c	0	1.10.10.41	10	0	12,94	2	135			2,42	0,11	C	23	0,24	0,99	0,64		
OZOL	e		1	1.10.14.72	28,5	74	20,41	2	109			5,17	0,57		28	2,05	0,99	3,66		1,6
RNI	i	d	1	1.10.15.29	39,7	188	21,2	2	104			7	0,57	D	26	0,78	0,99	1,16		1,4

03/06/2008	9.31.14.71	44.7789	10.7289	10,89		2,3	97	1	52	6	29	29	D	0,07	0	CORREGGIO (RE)				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VAR	e	c	2	9.31.35.01	117,2	6	51	3	59			20,13	1	C	49	0,02	2	0,19		2
DDS	e		2	9.31.36.51	127,6	16			59			21,65	1		58	0,01		0		2,1
RNI	e	c	2	9.31.37.37	133,8	356			59			22,57	1	C	46	-0,07		0		1,9
OZOL	e		3	9.31.44.19	182,3	8			47			29,36	2		56	-0,02		0		2

04/06/2008	17.55.19.69	46.6580	10.4210	0,2		1,3	5	0	99	95	29	99	D	1,69	0	VAL D' AVIGNA (SO)				M 1.6(S)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
CARE	e		1	17.55.25.37	10	0	29,97	2	135			2,42	0,57		20	2,94	0,99	5,41			
OZOL	e		2	17.55.29.34	28,5	74	36,69	2	109			5,17	0,99		16	4,41	0,99	7,68		1	

05/06/2008	7.51.06.37	.	.											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
OZOV	I	D	1	7.51.06.37			7,638	1		13,9	0,54				23					
OZON			1	7.51.06.37			7,638	1		76,7	0,48				23					
OZOE			1	7.51.06.37			7,638	1		33,6	0,42				23					

06/06/2008	14.07.54.35	.	.											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
RNI	e	c	2	14.07.54.35											62					
DDS	e		3	14.07.57.06											47					
VAR	e		3	14.07.57.26			78,7	3							47					

07/06/2008	2.46.04.93	45.9420	10.9590	7,4		1,4	345	0	99	75	33	99	D	0,82	0	CAVEDINE (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	
VAR	i	c	0	2.46.07.59	10	0	9,67	2	135			2,42	0,11	C	17	0,03	0,99	0,06			
DDS	i	c	0	2.46.08.45	27,6	55	11,18	2	110			5,02	0,11	C	20	-1,6	0,99	-2,86		1,2	

07/06/2008	4.25.10.53	44.8835	11.3238	10,36		3	76	2	51	344	27	20	D	0,14	0	BONDENO (FE)			M 2.9(I)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VAR	e	c	2	4.25.29.53	110,1	343	44,18	3	95			18,9	1	C	93	0,08	2	-0,04		2,7
DDS	e	d	2	4.25.29.75	111,3	355	44,04	3	95			19,1	1	D	115	0,09	2	-0,54		2,9
OZOL	e	c	2	4.25.38.57	170,3	353			47			27,92	1	C	97	-0,02		0		2,6
CARE	e		2	4.25.39.77	178,2	344	62,32	3	47			28,9	1		96	0,03	2	-0,2		2,6

# QUATERLY BULLETTIN April-June 2008

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

09/06/2008	4.58.14.46	.	.										0	RNI						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIE			1	4.58.14.46			15,73	1		19,7	0,11				17					
RNIV	I	D	1	4.58.14.46			15,73	1		5,55	0,06				17					
RNIN			1	4.58.14.46			15,73	1		25,4	0,1				17					

09/06/2008	10.55.01.18	.	.											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
RNIE			2	10.55.01.18			12,39	2		2,43	0,11				56					
RNIN			2	10.55.01.18			12,39	2		2,24	0,13				56					
RNIV			2	10.55.01.18			12,39	2		1,35	0,08				56					
VARN			2	10.55.02.15			14,35	2		2,01	0,1				56					
VARV			2	10.55.02.15			14,35	2		0,953	0,06				56					
VARE			2	10.55.02.15			14,35	2		1,33	0,1				56					

09/06/2008	15.38.08.41	.	.										0	VAR						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARN			1	15.38.08.41			10,41	1		26,5	0,05				15					
VARE			1	15.38.08.41			10,41	1		17,1	0,06				15					
VARV	E	D	1	15.38.08.41			10,43	1		11,5	0,08				15					

10/06/2008	4.06.16.57	.	.											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
VAR	e		2	4.06.16.57			30,34	3							26					
DDS	e		2	4.06.16.68											28					
RNI	e		2	4.06.20.13			36,73	3							30					

10/06/2008	15.29.00.56	.	.											0	RNI	MULTI EVENT				
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIV			2	15.29.00.56				8		13,8	0,02									
RNIN			2	15.29.00.56				8		9,48	0,02									
RNIE			2	15.29.00.56				8		16,5	0,02									

11/06/2008	7.56.30.38	.	.											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
OZOE			1	7.56.30.38			31,7	1		40,8	0,45				28					
OZON			1	7.56.30.38			31,7	1		85,6	0,5				28					
OZOV	E	C	1	7.56.30.38			31,7	1		16,6	0,56				28					

12/06/2008	14.06.42.22	.	.											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
PANE			3	14.06.42.22			43,81	3		1,34	0,08				14					
PANN			3	14.06.42.22			43,81	3		0,5	0,1				14					
PANV			3	14.06.42.22			43,81	3		1,97	0,06				14					

# QUATERLY BULLETTIN April-June 2008

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

13/06/2008	12.06.01.91	.	.										0	RNI						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
RNIN			1	12.06.01.91			2,948	1		28	0,13				15					
RNIV	E	C	1	12.06.01.91			2,948	1		8,79	0,13				15					
RNIE			1	12.06.01.91			2,948	1		30,7	0,21				15					

13/06/2008	13.56.11.79	.	.										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
CARV	I	C	1	13.56.11.79			14,49	1		7,64	0,11				24					
CARN			1	13.56.11.79			14,49	1		10,9	0,08				24					
CARE	I	C	1	13.56.11.79			14,49	1		7,57	0,1				24					

14/06/2008	10.54.27.37	44.7353	10.6398	11		2,4	30	22	15	140	39	54	D	0,43	0	REGGIO EMILIA					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VAR	e	c	2	10.54.49.05	132,9	9	66,34	3	59			22,42	1,02	C	58	-0,63	0,99	-0,94		2,1	
DDS	e	d	2	10.54.50.17	143,8	17	67,99	2	59			24,03	1,02	D	60	-1,1	1,02	-2,14		2,2	
RNI	e	d	2	10.54.50.80	148,4	359			59			24,7	1,02	D	59	-1,17		0		2,1	
PANI	e		2	10.54.53.04	165,4	19			59			27,2	1,02		60	-1,44		0		2,1	
CARE	e		2	10.54.57.42	197,8	1			47			31,28	1,02		60	-1,27		0		2	
OZOL	e	c	2	10.54.57.49	198	9			47			31,31	1,02	C	63	-1,07		0		2,1	

14/06/2008	13.27.39.82	44.7518	11.2463	10		2,4	341	18	99	240	30	99	D	0,66	0	S. GIOVANNI P. (BO)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
DDS	e		2	13.28.01.27	135,5	358			59			22,88	0,99		61	2,22		0		2,2	
VAR	e	c	2	13.28.01.43	132,4	348	21,25	3	59			22,43	0,99	C	54	2,83	0,99	5,04		2,1	
PANI	e		3	13.28.04.09	154,5	3			59			25,69	0,99		65	2,21		0		2,2	
RNI	e		2	13.28.04.21	154,5	342			59			25,69	0,99		60	2,34		0		2,1	
OZOL	e		2	13.28.09.21	194,1	356			47			30,94	0,99		67	2,1		0		2,2	
CARE	e		2	13.28.09.89	200,6	348			47			31,75	0,99		63	1,82		0		2,1	

15/06/2008	16.02.09.05	.	.										0	CARE						
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	I	D	1	16.02.09.05			11,51	1		4,72	0,05				22					
CARN	I	D	1	16.02.09.05			11,51	1		5,19	0,02				22					
CARV	I	D	1	16.02.09.05			11,51	1		4,87	0,03				22					

16/06/2008	12.16.45.46	.	.											0	DDS,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
DDSE			1	12.16.45.46			47,15	1		18,2	0,08				30					
DDSN	E	C	1	12.16.45.46			47,15	1		22,4	0,03				30					
DDSV	I	D	1	12.16.45.46			47,15	1		11,4	0,1				30					
PANE			1	12.16.47.94			51,54	2		1,64	0,13				30					
PANN	I	C	1	12.16.47.94			51,54	2		1,07	0,13				30					
PANV	I	D	1	12.16.47.94			51,54	2		1,33	0,08				30					

# QUATERLY BULLETTIN April-June 2008

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

16/06/2008	15.18.49.49	46.1210	11.2740	12,1		1,4	204	2	99	113	21	99	D	0,42	1	BASELGA DI P. (TN)			EXPL??		
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e	c	1	15.18.52.07	10	0	54,12	3	135			2,42	0,57	C	17	-0,08	0,99	-0,1		1,1	
DDS	i	c	1	15.18.54.66	14,5	232	58,62	3	125			3,01	0,44	C	20	2	4,07	3,49		1,2	
OZOL	e		2	15.18.55.93	53,8	336	60,98	3	101			9,36	0,99			-2,96	0,99	-5,24			

17/06/2008	14.45.59.88	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARV			1	14.45.59.88			61,7	1		14,7	0,08				16					
VARN			1	14.45.59.88			61,7	1		32,5	0,05				16					
VARE			1	14.45.59.88			61,7	1		21,3	0,06				16					

17/06/2008	18.22.44.81	45.6580	10.5560	16,4		2,8	136	2	11	227	8	17	D	0,35	0	SALO' (BS)				M 2.8(I)	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VAR	e		3	18.22.50.99	40,2	50				103		7,06	2		89	0,17		0		2,8	
RNI	e		2	18.22.51.74	43,9	12	57,06	3	102			7,67	1		74	0,3	2	-0,42		2,6	
DDS	e	c	2	18.22.54.49	62,2	59	62,38	3	98			10,74	1	C	86	0,01	2	-0,51		2,7	
PANI	e		2	18.22.57.93	82,2	52			96			14,14	1		78	0,05		0		2,5	
CARE	e	c	2	18.22.59.56	93,4	9	71,35	3	96			16,05	1	C	76	-0,23	2	-0,99		2,5	
OZOL	e		2	18.23.00.84	99,5	25	13,03	3	95			17,07	1		104	0,05	2	-1,1		2,8	

17/06/2008	19.48.23.45	45.9265	8.4061	10		2,9	167	3	99	74	43	99	D	3,06	0	CASALE CORTE C. (VB)				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	
RNI	e		3	19.48.50.37	172,7	84				47		28,27	0,99		100	10,22		0		2,6	
CARE	e		3	19.48.51.16	188,5	69	81,93	3	47			30,24	0,99		82	8,96	0,99	15,9		2,4	
OZOL	e	c	3	19.48.55.02	214	72				47		33,42	0,99	C	100	9,8		0		2,5	
DDS	e		3	19.48.55.14	216,2	88				47		33,69	0,99		102	9,6		0		2,5	
PANI	e		3	19.48.56.46	228,3	83	91,45	3	47			35,22	0,99		100	9,35	0,99	16,69		2,5	

18/06/2008	0.09.43.85	45.6610	10.5300	9,4		2,8	280	6	10	69	83	99	D	0,69	0	SALO' (BS)				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			
VAR	e		2	0.09.49.96	46,4	50				102		8,11	1		78	0,06		0		2,6			
RNI	e		3	0.09.50.16	49,1	16				101		8,56	2		70	-0,19		0		2,5			
DDS	e		2	0.09.53.55	68,2	58	61,4	2	98			11,79	1		86	0	1	-1,37		2,7			
PANI	e	d	2	0.09.57.03	88,4	51	67,1	3	96			15,2	1	D	90	0,07	2	-1,75		2,7			
CARE	e		2	0.09.58.61	98,3	11	70,2	3	96			16,89	1		85	-0,05	2	-1,67		2,6			
OZOL	e		2	0.09.59.75	105,2	26	71,82	3	95			18,06	1		77	-0,05	2	-2,09		2,5			

18/06/2008	4.53.25.37	.	.											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	C	1	4.53.25.37			26,37	1		7,68	0,02				16					
CARN	I	C	1	4.53.25.37			26,37	1		4,18	0,05				16					
CARV	I	D	1	4.53.25.37			26,37	1		6,94	0,06				16					

# QUATERLY BULLETTIN *April-June 2008*

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				

18/06/2008	17.55.48.59	.	.											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
CARN			1	17.55.48.59			49,58	1		12,4	0,02				17					
CARE			1	17.55.48.59			49,58	1		13	0,05				17					
CARV			1	17.55.48.59			49,58	1		7,45	0,05				17					

19/06/2008	2.20.09.73	44.4368	10.2260	10			2,9	298	8	99	200	41	99	D	0,49	0	PALANZANO (PR)		M 2.7(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
VAR	e	2		2.20.36.59	172,8	18			47			28,28	0,99			2,63		0		
RNI	e	2		2.20.38.25	184,3	10			47			29,71	0,99		97	2,84		0		2,6
DDS	e	2		2.20.38.48	186,5	24	64,22	3	47			29,98	0,99			2,82	0,99	5,03		
PANI	e	2		2.20.41.46	208,5	24			47			32,73	0,99			3,02		0		
OZOL	e	c	2	2.20.45.17	237,5	16			47			36,37	0,99	C	85	3,18		0		2,3

19/06/2008	10.12.28.34	46.1440	11.2790	17,3			1,4	245	21	99	352	38	62	D	0,57	1	BASELGA DI P. (TN)		EXPL??	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	1		10.12.31.00	1,1	170	33,61	3	174			1,72	2,83		20	1,23	4,07	2,24		1,2
DDS	i	c	1	10.12.33.39	22,9	209			114			4,28	0,17	C	21	1,29		0		1,3
OZOL	e	2		10.12.34.05	43,8	331	38,95	3	103			7,68	0,28		19	-1,39	0,55	-2,52		1,1
VAR	e	c	2	10.12.35.90	42,5	233			103			7,46	0,99	C	20	0,66		0		1,2
CARE	e	c	1	10.12.37.08	63,7	310			99			11,02	0,57	C	19	-1,72		0		1,1

20/06/2008	15.12.14.91	.	.											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE		2		15.12.14.91			16,01	3		4,74	0,02				17					
CARV		2		15.12.14.91			16,01	3		6,15	0,02				17					
CARN		2		15.12.14.91			16,01	3		6,38	0,02				17					

21/06/2008	8.11.55.20	.	.											0	CARE					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARE	I	D	1	8.11.55.20			59,1	1		3,74	0,03				23					
CARN	I	D	1	8.11.55.20			59,1	1		4,53	0,03				23					
CARV	I	D	1	8.11.55.20			59,1	1		3,41	0				23					

21/06/2008	10.16.47.30	.	.											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
CARN	E	D	1	10.16.47.30			51,16	1		9,16	0,03				27					
CARV	E	D	1	10.16.47.30			51,16	1		7,13	0,13				27					
CARE	E	D	1	10.16.47.30			51,16	1		6,74	0,03				27					

21/06/2008	17.28.01.50	46.5130	10.6260	10,2			2,2	242	1	6,1	333	10	8	D	0,08	0	STELVIO (BZ)		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	17.28.04.02	12,1	151	6,22	2	122			2,43	0,5	D	41	-0,03	1	0,09		2
OZOL	i	c	1	17.28.07.66	35,7	111	12,51	3	102			6,23	0,5	C	43	-0,01	2	-0,05		2
RNI	i	c	1	17.28.11.75	59,9	180	19,52	3	97			10,31	0,5	C	35	0,01	2	-0,3		1,7
PANI	e		3	17.28.14.68	75,9	133	24,57	2	96			13,04	2		49	0,22	1	-0,08		2,1
DDS	e		2	17.28.15.91	83,6	148	26,83	2	95			14,35	1		42	0,15	1	-0,14		1,9

# QUATERLY BULLETTIN April-June 2008

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

23/06/2008	0.33.56.24	45.6300	10.8210	13,1		1,5	172	10	99	271	39	99	D	0,51	0	CAPRINO VER. (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	
VAR	e		2	0.34.00.75	10	0	4,2	2	135			2,42	0,99		24	1,89	0,99	3,29			
DDS	i	d	1	0.34.03.38	27,6	55	9,03	3	110			5,02	0,57	D	20	2,03	0,99	3,69		1,2	
PANI	e		2	0.34.07.00	48,6	44			102			8,48	0,99		20	2,21		0		1,2	

23/06/2008	1.14.22.64	.	.										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	
CARN			1	1.14.22.64			23,46	1		10,8	0,02				14						
CARE			1	1.14.22.64			23,46	1		13,7	0,02				14						
CARV			1	1.14.22.64			23,46	1		7,76	0,02				14						

23/06/2008	10.39.06.50	.	.											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		
CARV			2	10.39.06.50			6,666	2		7,17	0,02				10							
CARN			2	10.39.06.50			6,666	2		18,3	0,02				10							
CARE			2	10.39.06.50			6,666	2		20,5	0,02				10							

23/06/2008	14.59.27.74	46.1330	11.2800	13,1		1,6	346	5	5,6	80	41	37	D	0,17	1	BEDOLLO (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	14.59.30.58	9,8	175	32,7	3	138			2,53	1		29	0,15	2	0,1		1,6
DDS	i	c	1	14.59.33.14	30,6	200			110			5,57	0,5	C	24	-0,17		0		1,4
OZOL	e	c	2	14.59.34.19	36,2	324	39,1	3	107			6,46	1	C	18	0,02	2	-0,16		1,1
VAR	e		2	14.59.35.78	47,9	224			103			8,4	1			-0,34		0		
CARE	e		3	14.59.37.25	58	303			101			10,1	2			-0,58		0		

24/06/2008	8.41.29.41	.	.											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
PANE			2	8.41.29.41			30,1	3		1,79	0,1				10					
PANV			2	8.41.29.41			30,1	3		3,92	0,08				10					
PANN			2	8.41.29.41			30,1	3		0,8	0,1				10					

25/06/2008	9.47.53.20	45.8150	11.0140	11,3		2,5	261	1	4	352	59	16	D	0,39	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	
VAR	i	c	1	9.47.55.64	15,6	317	57,72	3	123			3,17	0,5	C	84	0	2	-0,52		2,7	
DDS	i	c	1	9.47.56.45	21,1	35	59	2	115			3,99	0,5	C	55	0,03	1	-0,63		2,3	
RNI	i	d	1	9.47.59.44	42,9	312	64,67	3	103			7,53	0,5	D	56	-0,47	2	-1,17		2,3	
PANI	i	d	1	9.47.59.79	43,2	33	64,42	3	103			7,58	0,5	D	67	-0,17	2	-1,51		2,4	
OZOL	e		3	9.48.04.70	75,5	1			98			13,03	2		62	-0,67		0		2,3	
CARE	e	d	3	9.48.05.89	82,2	341	15,22	3	97			14,16	2	D	60	-0,63	2	-2,38		2,3	

25/06/2008	9.54.36.12	46.1450	11.2120	12,9		1,6	333	7	4,6	240	24	8,2	D	0,07	2	LONA - LASES (TN)				EXPL?	
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
PANI	e	c	1	9.54.39.41	13,7	140	41,88	3	132			3,14	0,5	C	24	0,01	2	-0,14		1,4	
DDS	i	c	1	9.54.41.61	29,7	185			112			5,48	0,5	C	26	-0,01		0		1,5	
OZOL	e	d	2	9.54.41.94	31,5	335	46,47	3	111			5,77	1	D		0,06	2	0,02			
VAR	e		2	9.54.43.87	43,4	215			106			7,71	1		23	0,05		0		1,3	
CARE	e	c	2	9.54.44.92	51,1	308			103			8,98	1	C	25	-0,2		0		1,4	

# QUATERLY BULLETTIN April-June 2008

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

25/06/2008	10.47.55.82	.	.											0	VAR,DDS	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARV	E	D	1	10.47.55.82			57,83	1		55,5	0,08				28					
VARE			1	10.47.55.82			57,83	1		75,6	0,05				28					
VARN			1	10.47.55.82			57,83	1		133	0,06				28					
DDSN			2	10.47.56.68			59,34	2		3,31	0,08				28					
DDSV			2	10.47.56.68			59,34	2		2,08	0,06				28					
DDSE			2	10.47.56.68			59,34	2		3,15	0,03				28					

26/06/2008	2.25.20.34	.	.											0	VAR	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARV	E	C	1	2.25.20.34			22,27	1		16	0,08				16					
VARN			1	2.25.20.34			22,27	1		24,4	0,05				16					
VARE			1	2.25.20.34			22,27	1		16,6	0,05				16					

26/06/2008	15.45.14.89	46.1450	11.2550	14,5		1,4	340	10	33	242	38	67	D	0,83	0	BEDOLLO (TN)	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e		1	15.45.18.19	2,2	112	20,61	2	168			1,84	2,02		23	0,88	0,99	1,6		1,4
DDS	e	c	2	15.45.20.48	21,9	205			116			4,15	2,99	C	19	1,07		0		1,2
OZOL	e		2	15.45.21.09	43,1	333	25,69	3	104			7,59	4,77			-1,69	0,99	-3,05		
VAR	e		2	15.45.22.93	40,9	231			104			7,22	0,99		18	0,5		0		1,1

26/06/2008	16.10.17.25	46.1400	11.2220	12,8		1,7	213	20	9,6	310	19	6,5	D	0,03	2	BASELGA DI P. (TN)	EXPL?
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
PANI	e	c	1	16.10.20.39	12,9	144	22,85	3	135			3,11	0,5	C	27	0,02	2	-0,13		1,6
DDS	i	c	1	16.10.22.63	29,6	187			113			5,52	0,5	C	24	-0,02		0		1,4
VAR	e		2	16.10.24.94	43,9	217			106			7,82	1		25	0,01		0		1,4
CARE	e		2	16.10.26.29	52,1	307			104			9,17	1			-0,01		0		

27/06/2008	0.25.33.56	.	.											0	CARE,OZOL	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARN	I	D	0	0.25.33.56			35,89	1		14,4	0,03				34					
CARV	I	D	0	0.25.33.56			35,89	1		14,8	0				34					
CARE	I	D	0	0.25.33.56			35,89	1		10	0,06				34					
OZOV	E	C	1	0.25.37.18			41,94	1		1,77	0,1				34					
OZON			1	0.25.37.18			41,94	1		3,22	0,19				34					
OZOE			1	0.25.37.18			41,94	1		2,79	0,18				34					

27/06/2008	0.56.34.16	.	.											0	CARE	
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st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
CARV			1	0.56.34.16			35,11	1		19,9	0,03				14					
CARN			1	0.56.34.16			35,11	1		22,1	0,02				14					
CARE			1	0.56.34.16			35,11	1		20,7	0,02				14					



# QUATERLY BULLETTIN *April-June 2008*

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				

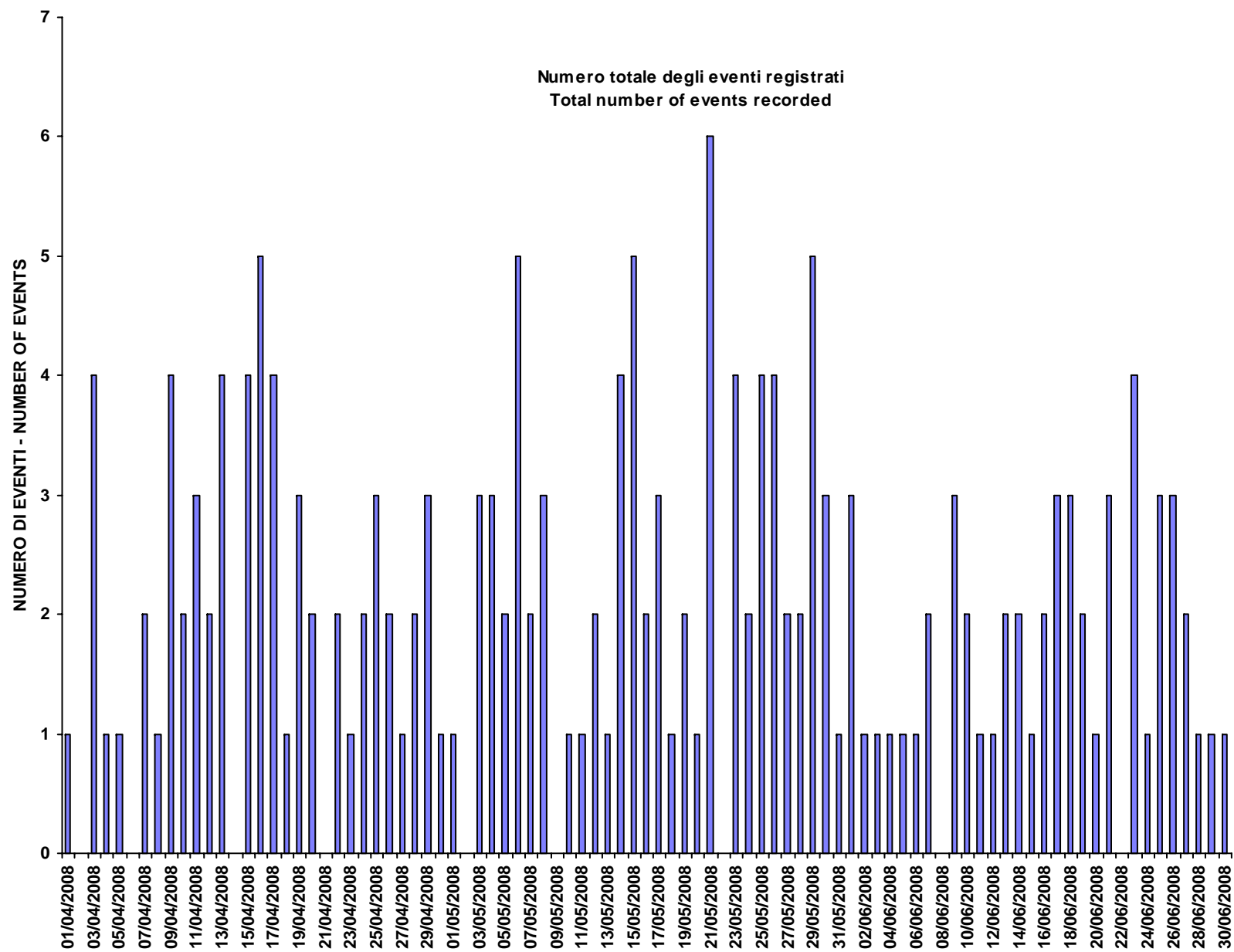
28/06/2008	12.36.54.97	.	.											0	VAR					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag
VARE			1	12.36.54.97			55,58	1		9,77	0,05				12					
VARN			1	12.36.54.97			55,58	1		13,7	0,06				12					
VARV	I	C	1	12.36.54.97			55,58	1		5,82	0,05				12					

29/06/2008	19.18.20.77	45.6890	10.9060	13,7		1,5	211	12	99	307	26	99	D	0,29	0	MALCESINE (VR)					
st_name	p_rem	m	w_p	time_s	dist	azm	s_sec	w_s	ain	mx_amp	per	p_calc	p_std	cf	f_p_time	p_res	s_std	s_res	xmag	fmag	
VAR	i	d	1	19.18.24.38	10	0	26,98	2	135			2,42	0,57	D	23	0,89	0,99	1,44			
DDS	e		3	19.18.26.44	27,6	55			110			5,02	0,99			0,46		0			
RNI	e		2	19.18.27.83	34,5	322	33,41	2	106			6,14	0,99		20	0,74	0,99	1,46		1,2	

30/06/2008	14.14.12.60	46.2110	10.9330	57,6		1,9	39	0	99	129	28	99	D	2,33	0	CIMA BRENTA (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	
RNI	i	c	2	14.14.22.70	10	0	30,39	3	135			2,42	0,99	C	33	7,43	0,99	13,06		1,8	
VAR	e		3	14.14.23.18	22,5	108	31,59	3	114			4,21	0,99		32	6,23	0,99	11,26		1,7	

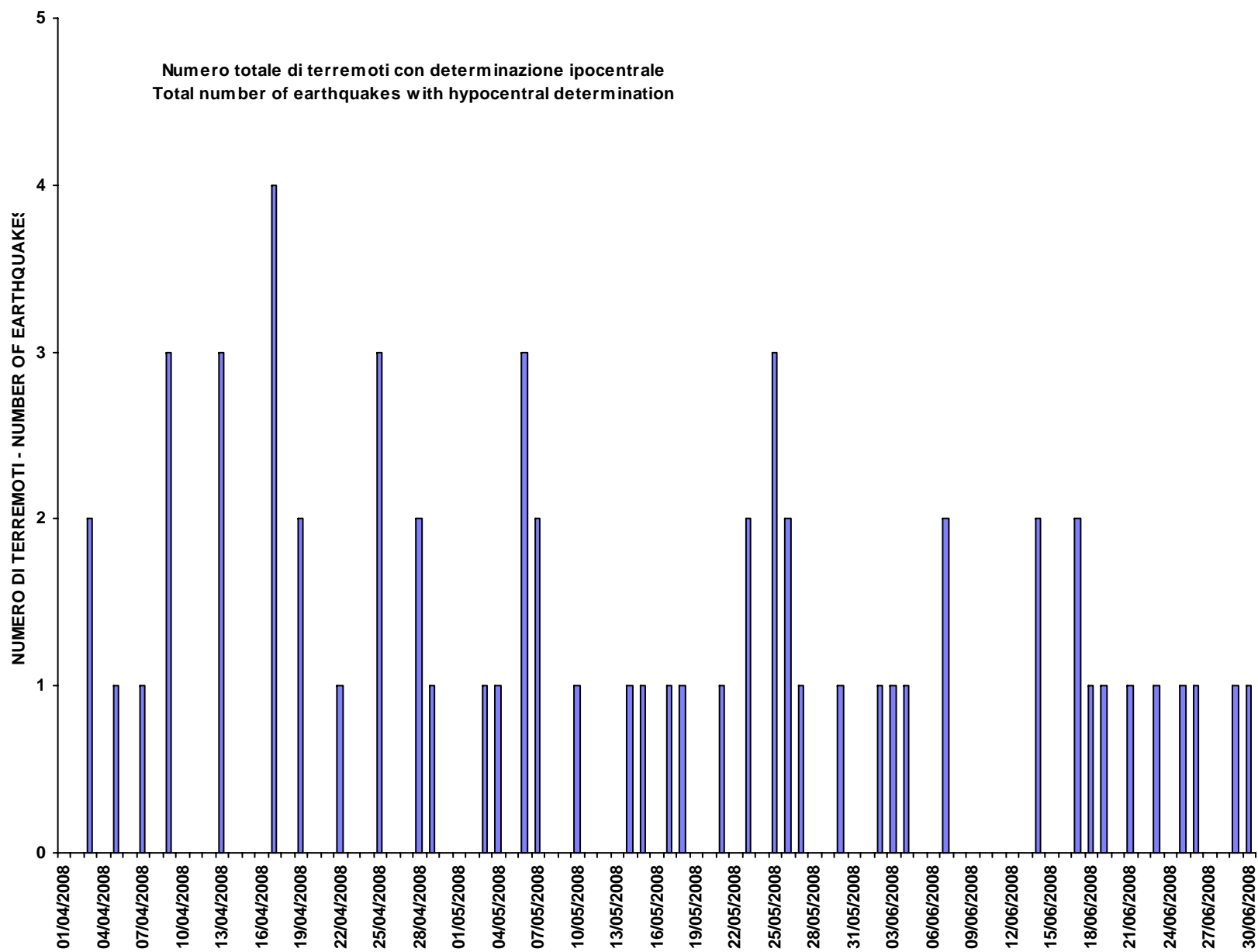
RETE SISMICA DEL TRENTINO ; PERIODO : APRILE - GIUGNO 2008

TRENTINO SEISMOMETRIC NETWORK ; PERIOD : APRIL - JUNE 2008



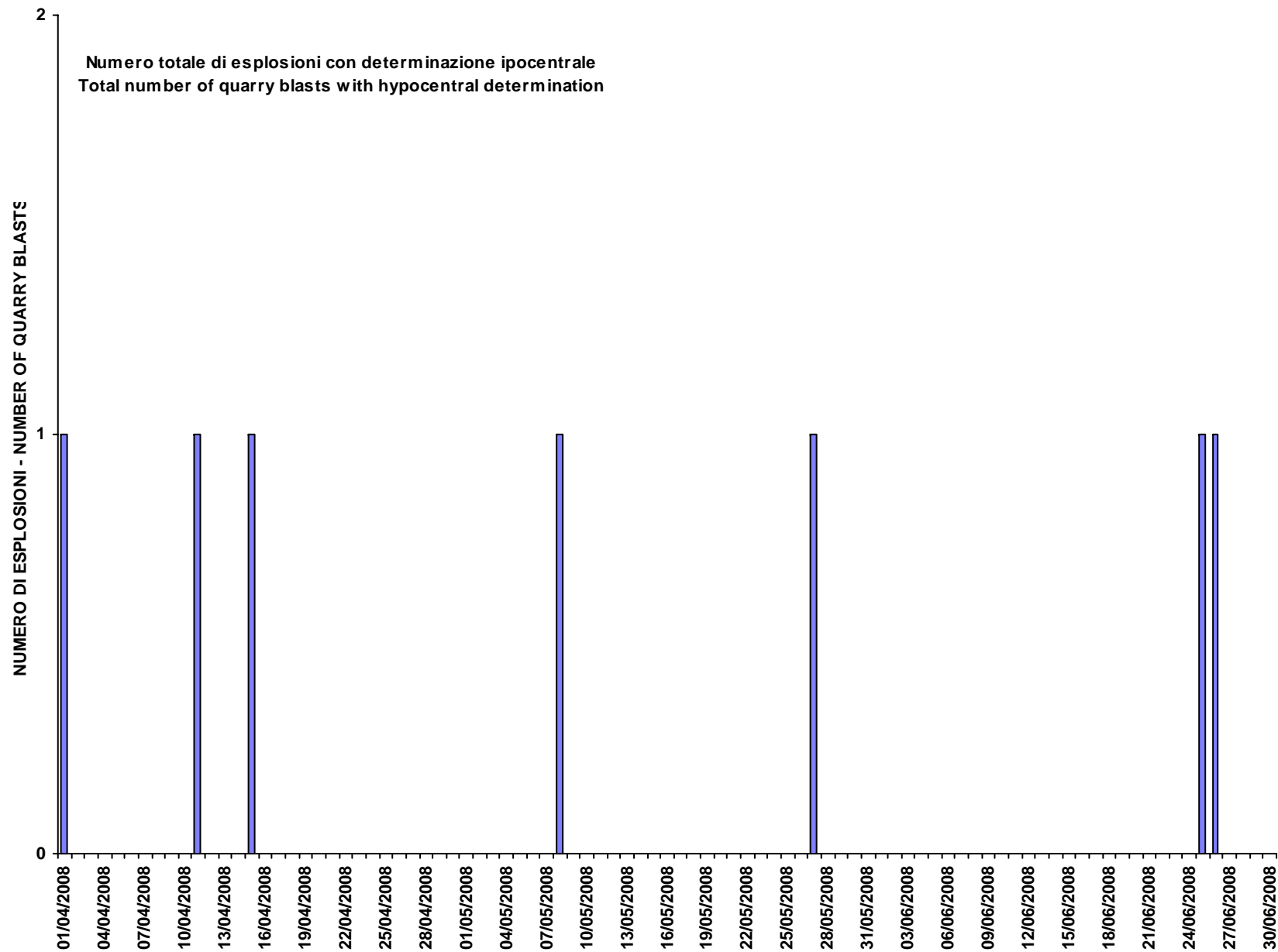
RETE SISMICA DEL TRENTINO ; PERIODO : APRILE - GIUGNO 2008

TRENTINO SEISMOMETRIC NETWORK ; PERIOD : APRIL - JUNE 2008



RETE SISMICA DEL TRENTINO ; PERIODO : APRILE - GIUGNO 2008

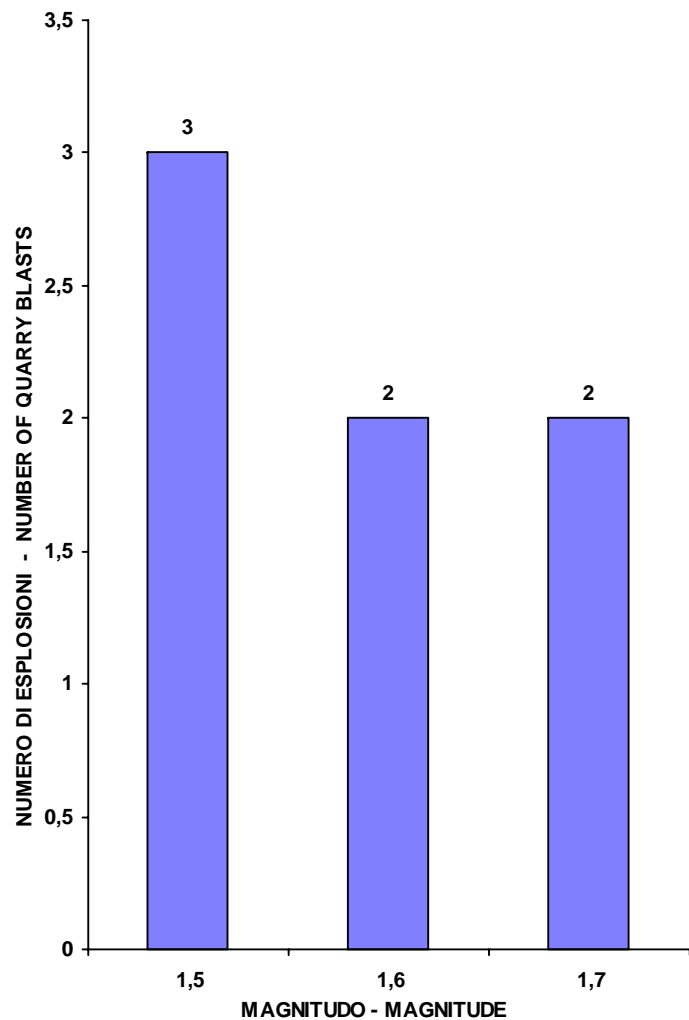
TRENTINO SEISMOMETRIC NETWORK ; PERIOD : APRIL - JUNE 2008



RETE SISMICA DEL TRENTINO ; PERIODO : APRILE - GIUGNO 2008

TRENTINO SEISMOMETRIC NETWORK ; PERIOD : APRIL - JUNE 2008

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

