



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Jun 23,2021 03:29:56

Romania - Event 23002956 - Vrancea seismic zone

Wed Jun 23, 2021 00:29:56 GMT ML 3.3 N45.74 E26.62 Depth: 78.0km ID:23002956

NOTE: Accelerations, velocities and intensities are calculated automatically and are not revised by human operator. Their accuracy has not been evaluated.

Seismicity of Romania - latest large intermediate earthquakes

Date	Time	Lon	Lat	Depth	Mw
28-Oct-2018	00:38:11	26.41	45.61	147.8	5.5
27-Dec-2016	23:20:55	26.60	45.71	96.9	5.6
23-Sep-2016	23:11:20	26.62	45.71	92.0	5.5
06-Oct-2013	01:37:21	26.58	45.67	135.1	5.2
25-Apr-2009	17:18:48	26.62	45.68	109.6	5.4
18-Jun-2005	15:16:41	26.66	45.72	153.7	5.2
14-May-2005	01:53:21	26.53	45.64	148.5	5.5
27-Oct-2004	20:34:36	26.63	45.84	105.4	6.0
06-Apr-2000	00:10:38	26.64	45.75	143.4	5.0
28-Apr-1999	08:47:56	26.27	45.49	151.1	5.3

Source: ROMPLUS Catalogue

Romania – Event 23002956 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

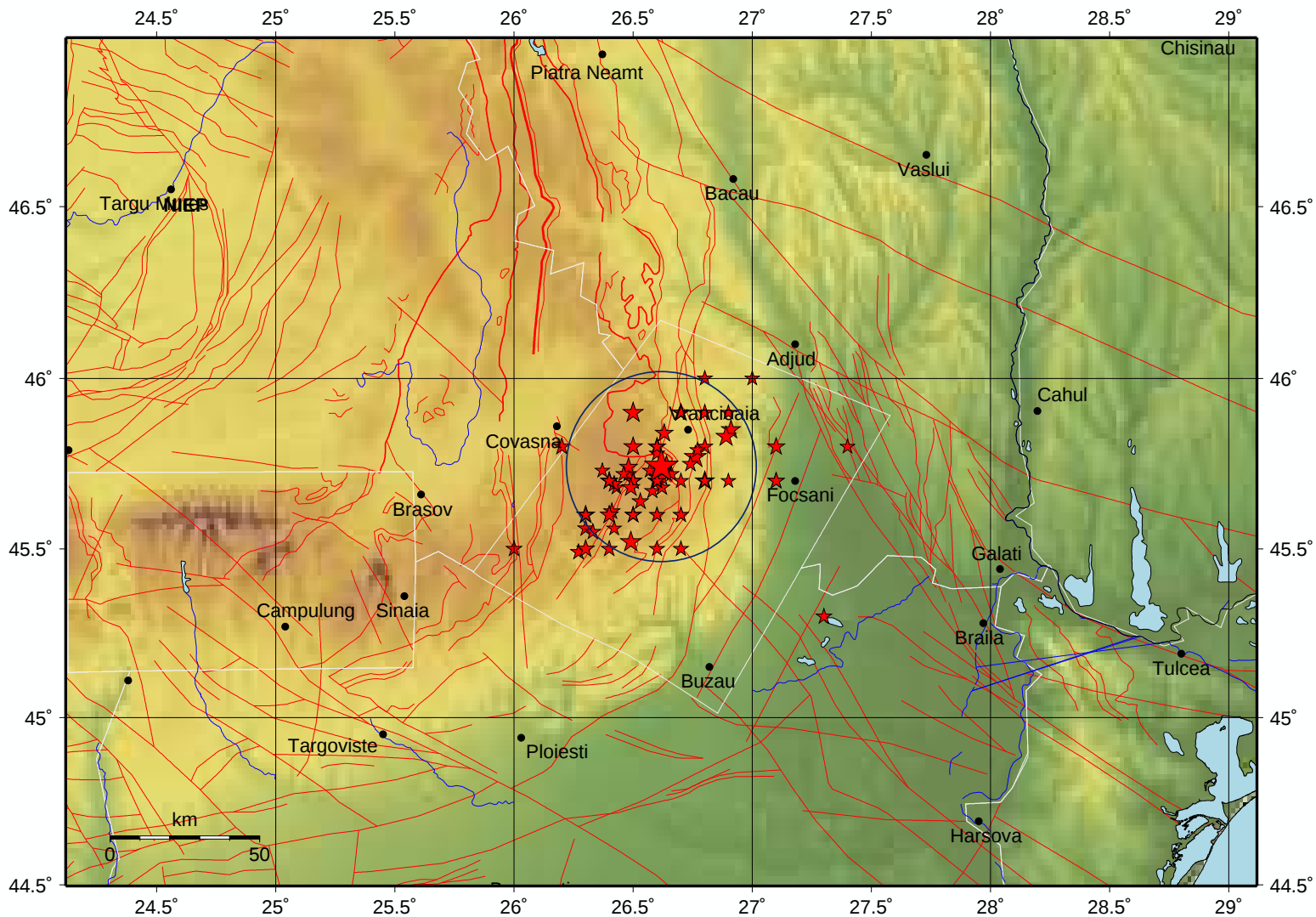
Max. grid values – pga: 1.18(cm/sec**) pgv: 0.00(cm/sec) mi: 1.9

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Local time

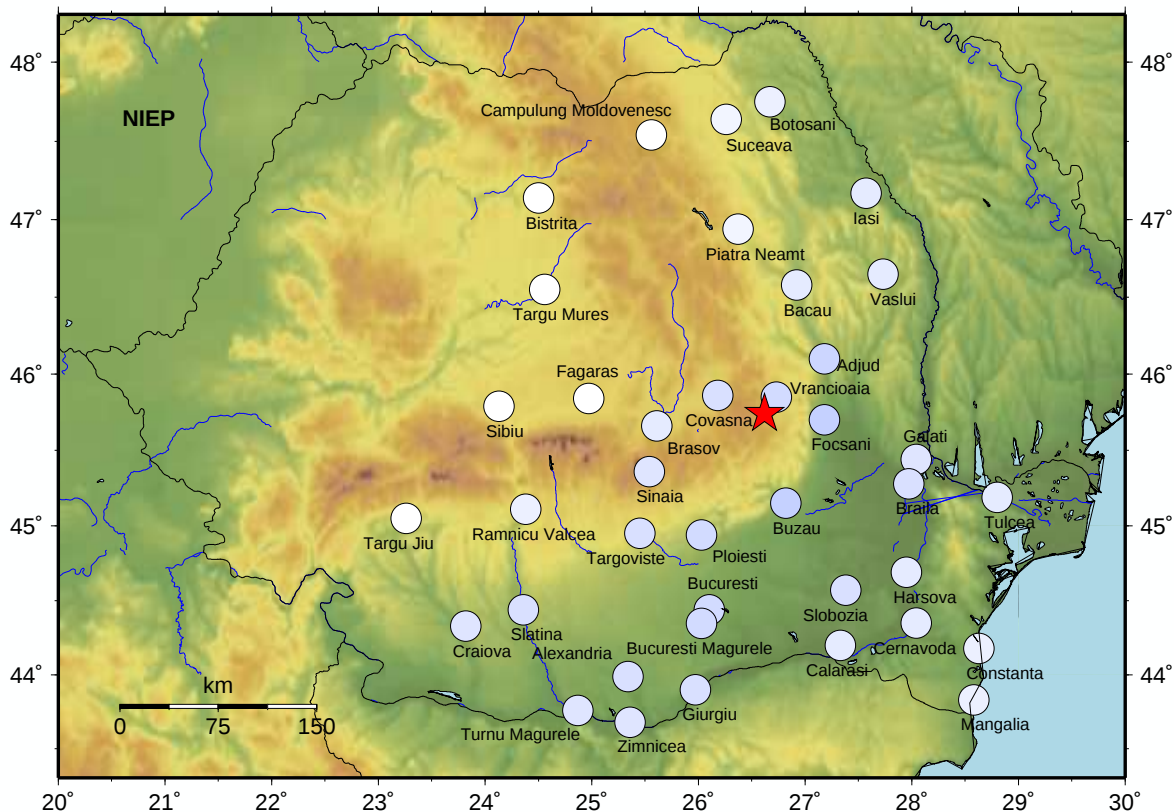
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	14
Covasna	36
Focsani	44
Adjud	59
Buzau	67
Brasov	79
Sinaia	94
Bacau	96
Ploiesti	100
Galati	115
Braila	117
Targoviste	126
Fagaras	128
Vaslui	132
Piatra Neamt	134
Slobozia	143
Bucuresti	150
Harsova	156
Bucuresti Magurele	161
Iasi	174
Calarasi	180
Tulcea	181
Targu Mures	182
Ramnicu Valcea	188
Cernavoda	191
Sibiu	193
Giurgiu	211
Suceava	212
Campulung M.	215
Alexandria	219
Botosani	223
Bistrita	225
Slatina	229
Constanta	235
Zimnicea	249
Turnu Magurele	260
Mangalia	263
Craiova	270
Targu Jiu	273

PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	none	none	none	Very light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy
INSTRUMENTAL INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+

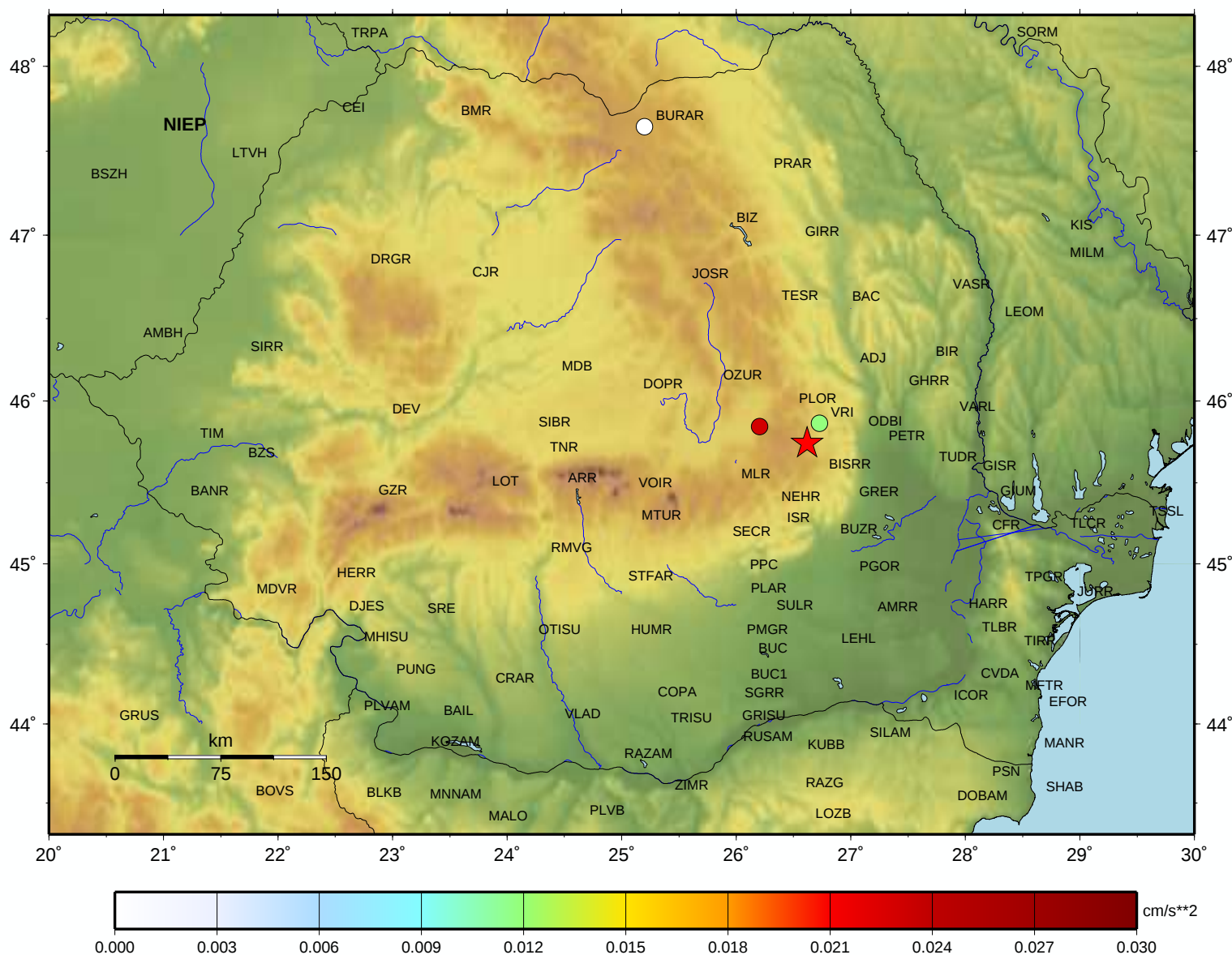
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
COVR	HNE	0.02
VRI	HNE	0.01
BURAR	BHE	0.00

Observed stations accelerations – Antelope platform (cm/sec**2)

Maximum observed acceleration: COVR_HNE -0.02

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BISRR_HHE 0.00

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