



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Fri Jul 09,2021 15:37:42

Romania - Event 99123742 - Vrancea seismic zone

Fri Jul 9, 2021 12:37:42 GMT ML 3.2 N45.65 E26.57 Depth: 141.5km ID:99123742

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 99123742 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

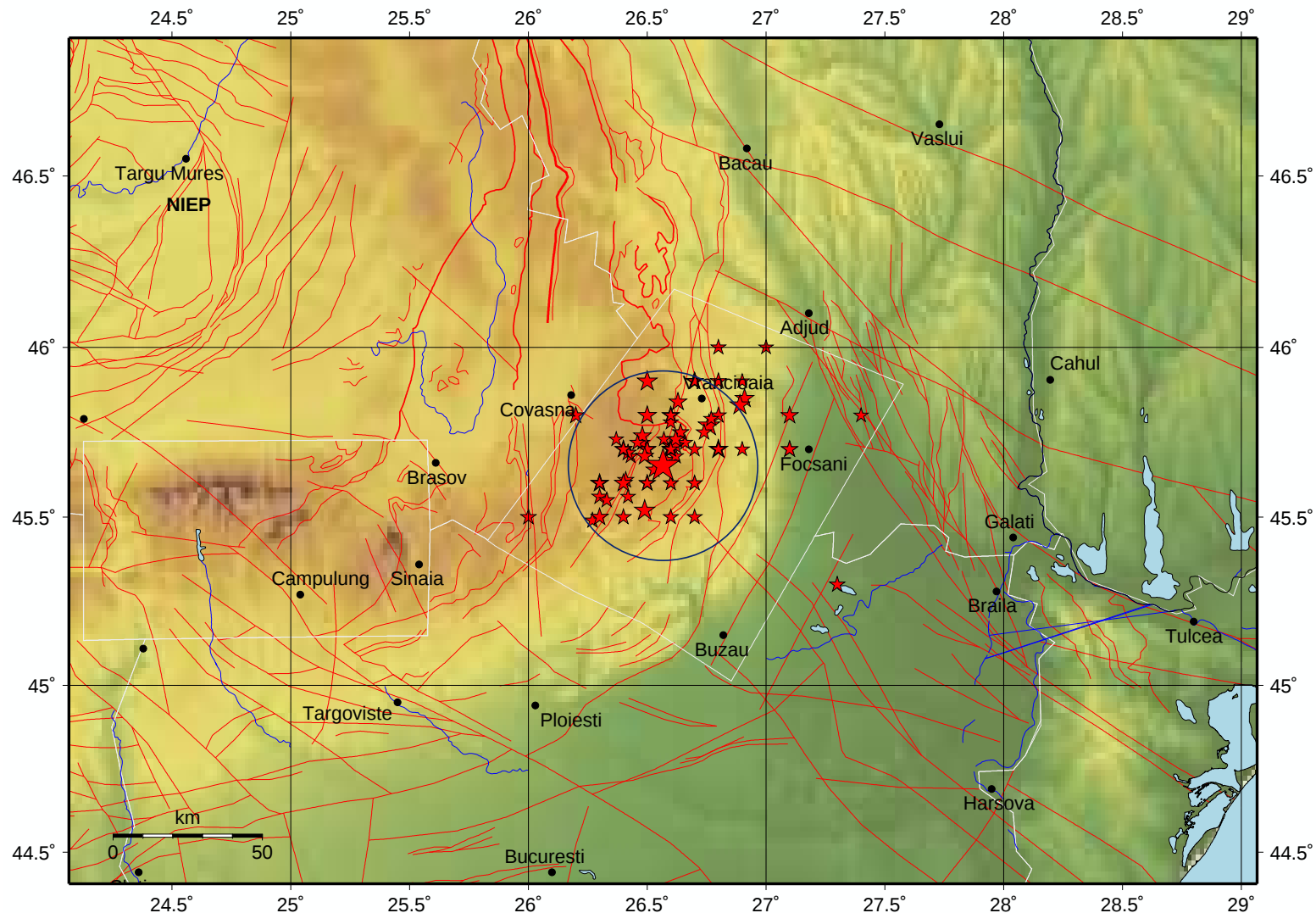
Max. grid values – pga: 0.39(cm/sec**) pgv: 0.00(cm/sec) mi: 1.7

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Local time

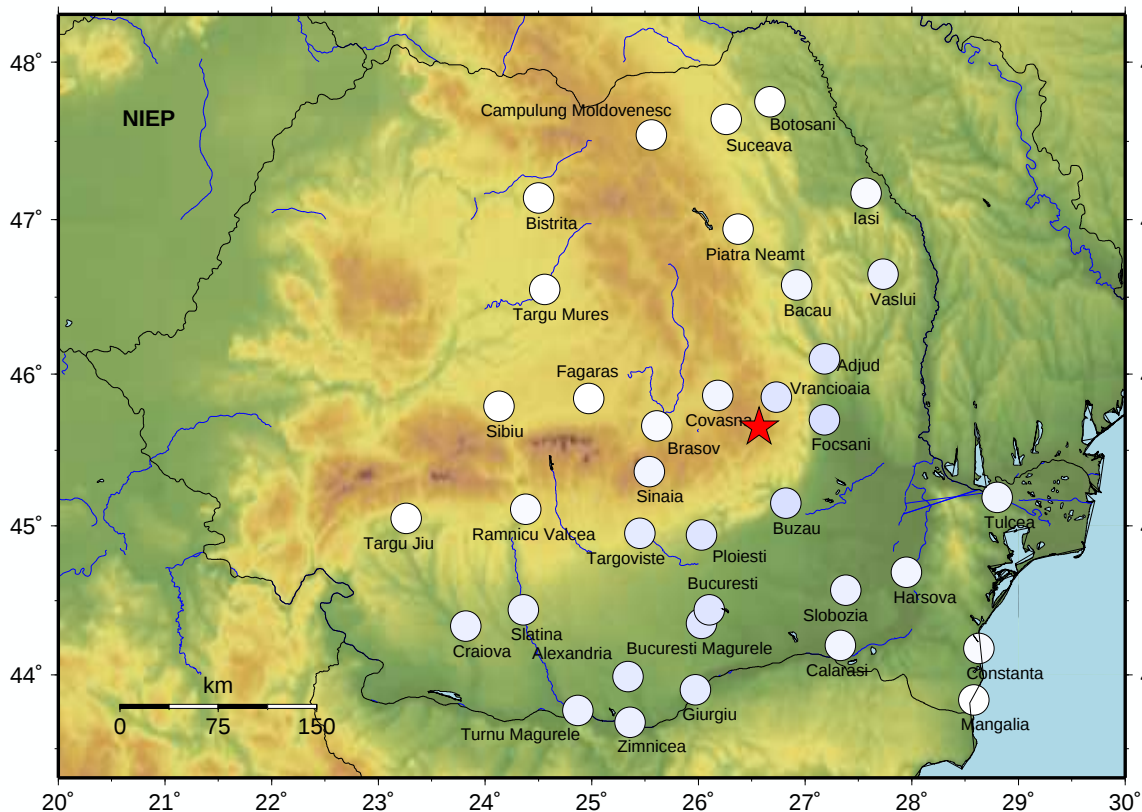
Fri Jul 09, 2021 15:37:42

Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancioaia	25
Covasna	37
Focsani	48
Buzau	59
Adjud	68
Brasov	74
Sinaia	86
Ploiesti	89
Bacau	106
Targoviste	117
Fagaras	126
Slobozia	136
Bucuresti	139
Vaslui	142
Piatra Neamt	143
Bucuresti Magurele	151
Harsova	152
Calarasi	172
Ramnicu Valcea	181
Tulcea	182
Targu Mures	184
Iasi	185
Sibiu	190
Giurgiu	200
Alexandria	208
Slatina	219
Suceava	222
Campulung M.	223
Bistrita	229
Constanta	230
Botosani	233
Zimnicea	239
Turnu Magurele	249
Mangalia	257
Craiova	261
Targu Jiu	267

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+

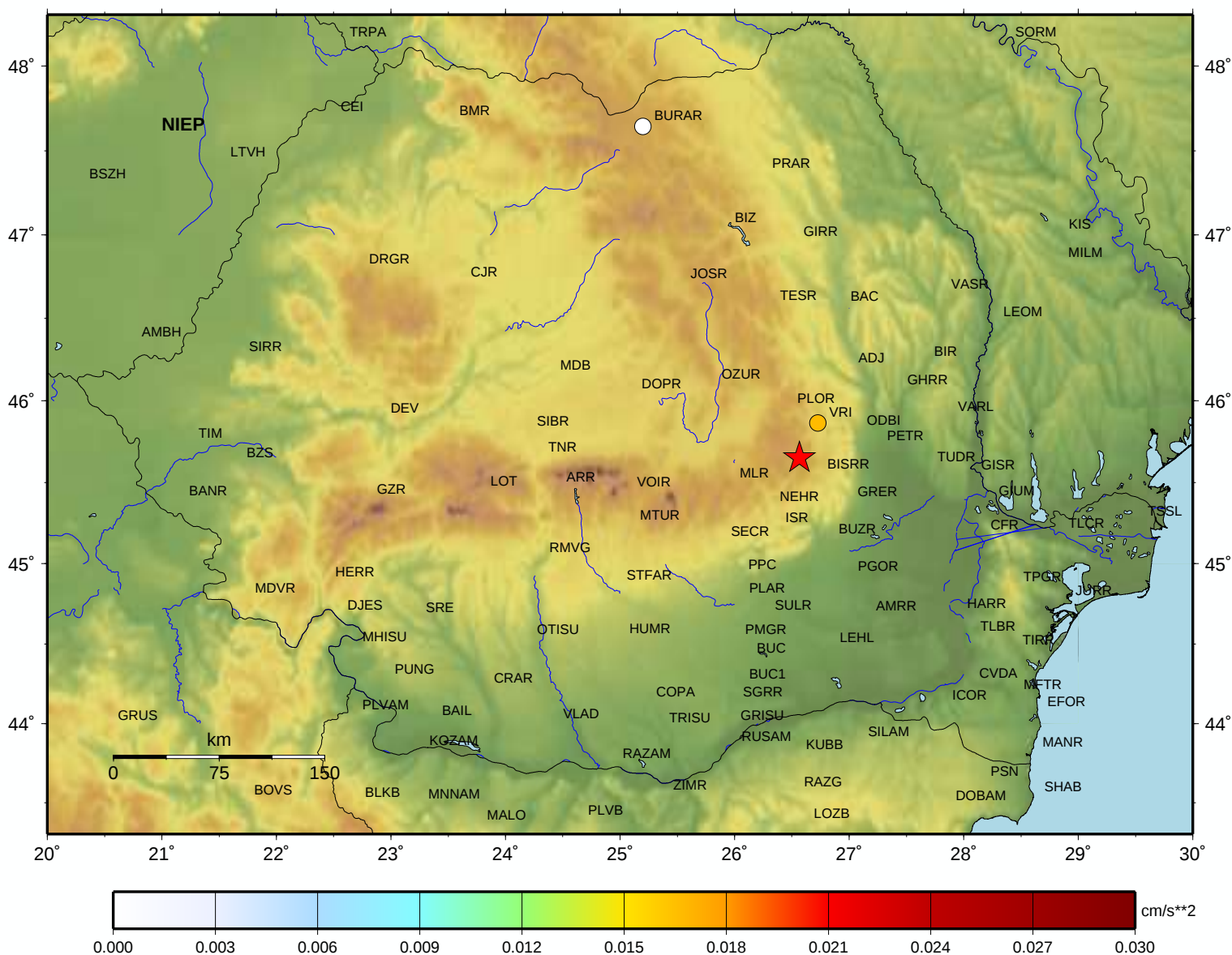
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
VRI	HNE	0.02
BURAR	BHN	0.00

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

Maximum observed acceleration: VRI_HNE 0.02

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Maximum observed velocity: VLDR_HHE 0.00

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