



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sun Aug 01,2021 00:09:13

Romania - Event 31210913 - Vrancea seismic zone

Sat Jul 31, 2021 21:09:13 GMT ML 3.3 N45.52 E26.32 Depth: 119.1km ID:31210913

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

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Attenuation laws – GMPE::VS10 IPE::VS04_msk

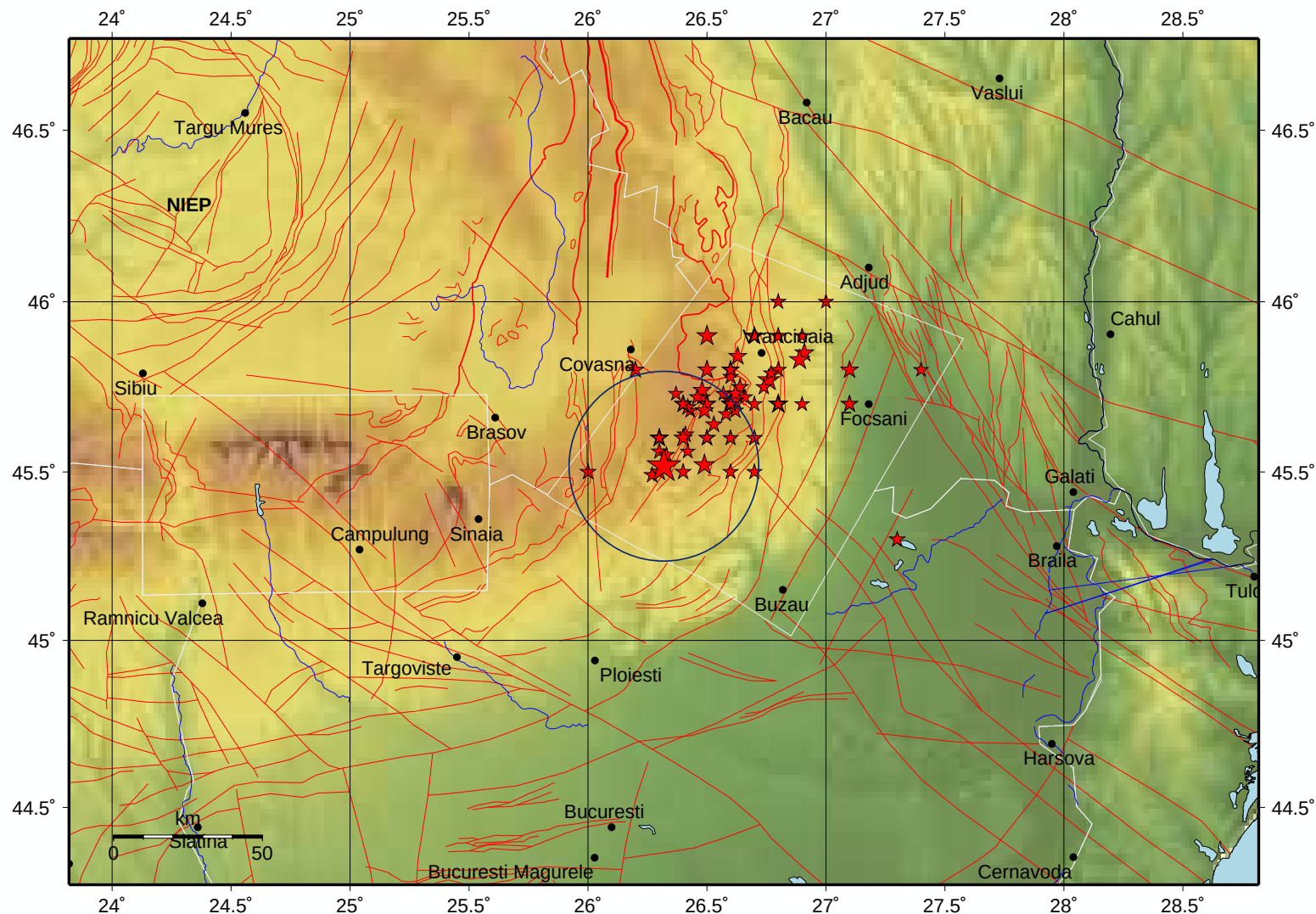
Max. grid values – pga: 0.69(cm/sec**) pgv: 0.00(cm/sec) mi: 1.9

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Local time

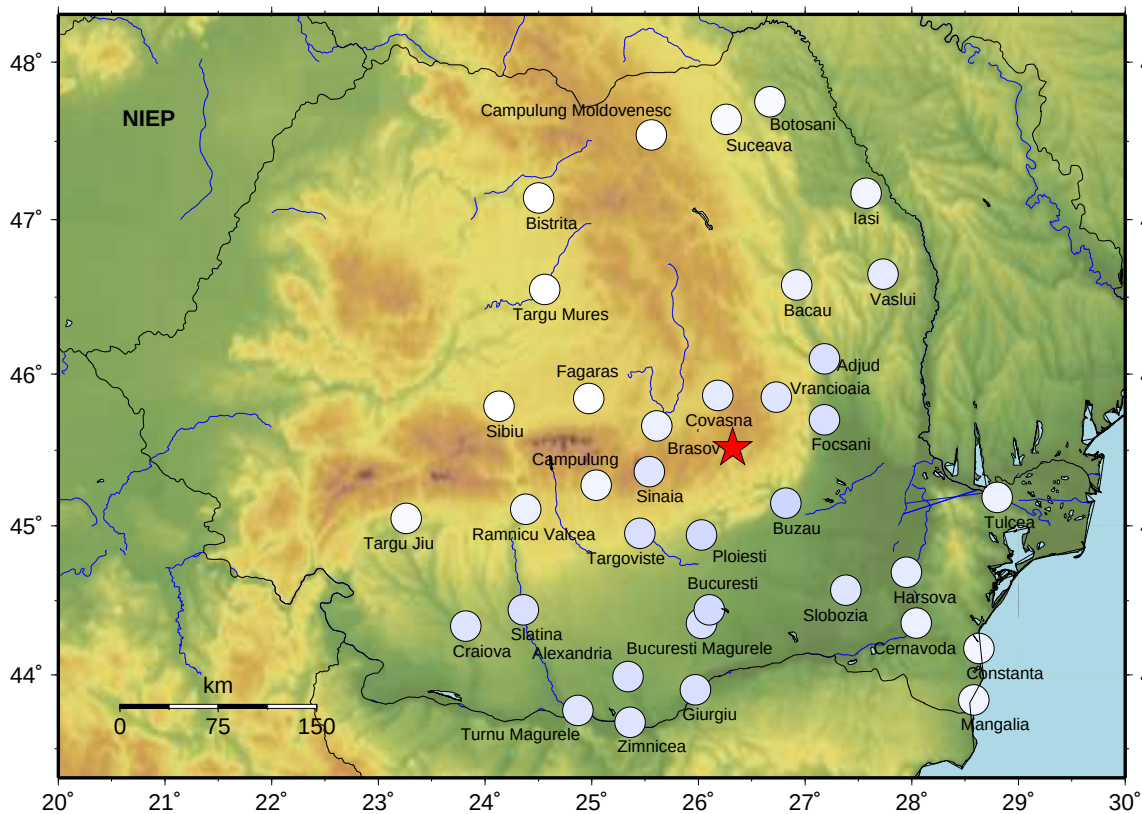
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Covasna	39
Vrancea	48
Buzau	56
Brasov	57
Sinaia	63
Ploiesti	67
Focsani	70
Targoviste	92
Adjud	93
Campulung	103
Fagaras	111
Bucuresti	120
Bacau	127
Bucuresti Magurele	131
Slobozia	134
Harsova	157
Ramnicu Valcea	158
Vaslui	166
Sibiu	173
Targu Mures	178
Giurgiu	181
Alexandria	186
Cernavoda	187
Slatina	195
Tulcea	197
Iasi	207
Zimnicea	217
Turnu Magurele	226
Bistrita	228
Campulung M.	232
Constanta	235
Suceava	236
Craiova	237
Targu Jiu	245
Botosani	249
Mangalia	259

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+

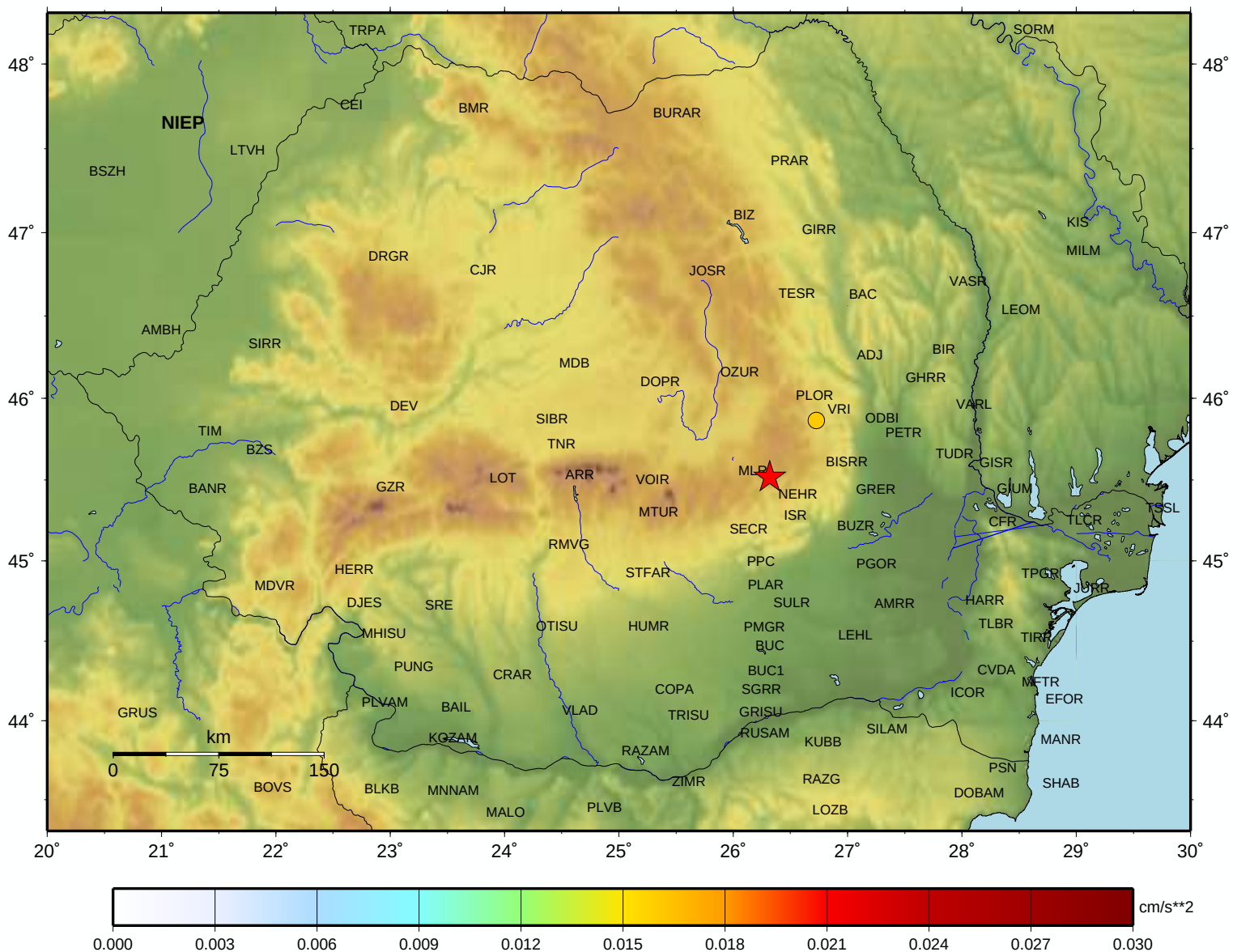
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

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

Observed stations accelerations – Antelope platform (cm/sec2)**

Maximum observed acceleration: VRI_HNE 0.02

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: GHRR_HHE 0.00

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