



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Tue Jul 13,2021 02:51:16

Romania - Event 12235116 - Vrancea seismic zone

Mon Jul 12, 2021 23:51:16 GMT ML 3.6 N45.79 E26.80 Depth: 112.4km ID:12235116

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

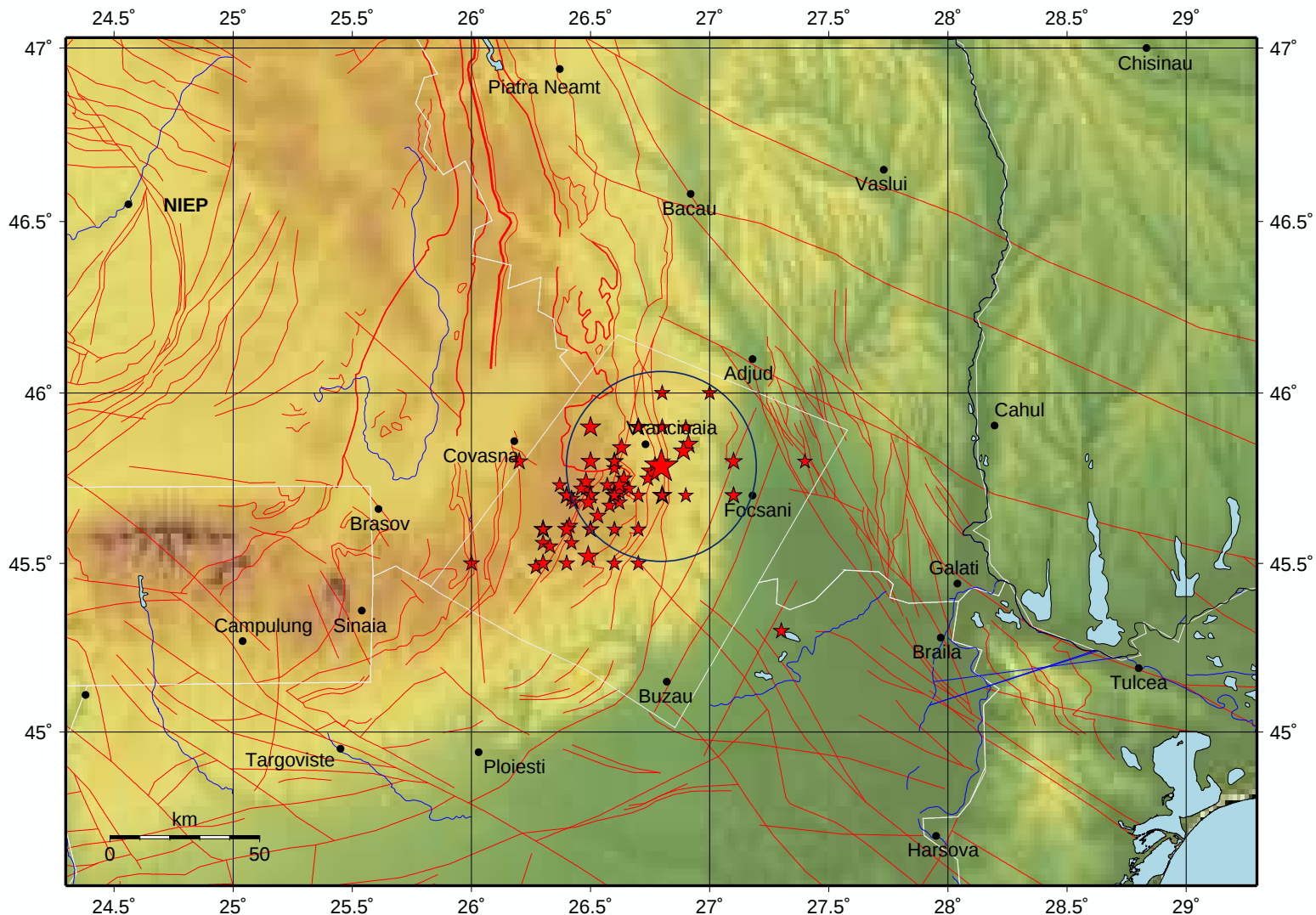
Max. grid values – pga: 1.67(cm/sec**) pgv: 0.00(cm/sec) mi: 2.2

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Local time

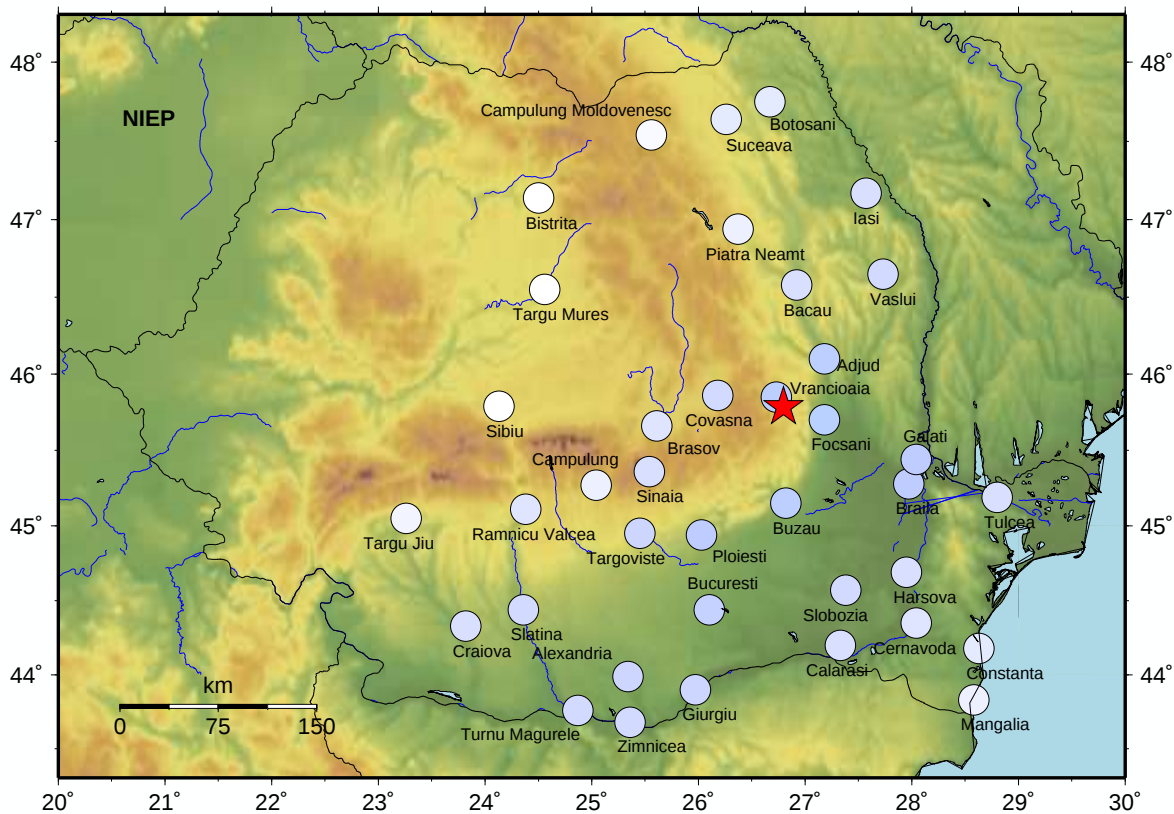
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	8
Focsani	31
Adjud	45
Covasna	48
Buzau	70
Bacau	88
Brasov	93
Galati	104
Braila	107
Sinaia	108
Ploiesti	111
Vaslui	120
Piatra Neamt	132
Targoviste	140
Slobozia	142
Campulung	148
Harsova	151
Bucuresti	159
Iasi	164
Tulcea	170
Calarasi	181
Cernavoda	187
Targu Mures	192
Ramnicu Valcea	203
Sibiu	207
Suceava	210
Campulung M.	216
Botosani	218
Giurgiu	219
Constanta	229
Alexandria	230
Bistrita	231
Slatina	243
Mangalia	259
Zimnicea	260
Turnu Magurele	271
Craiova	284
Targu Jiu	288

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+

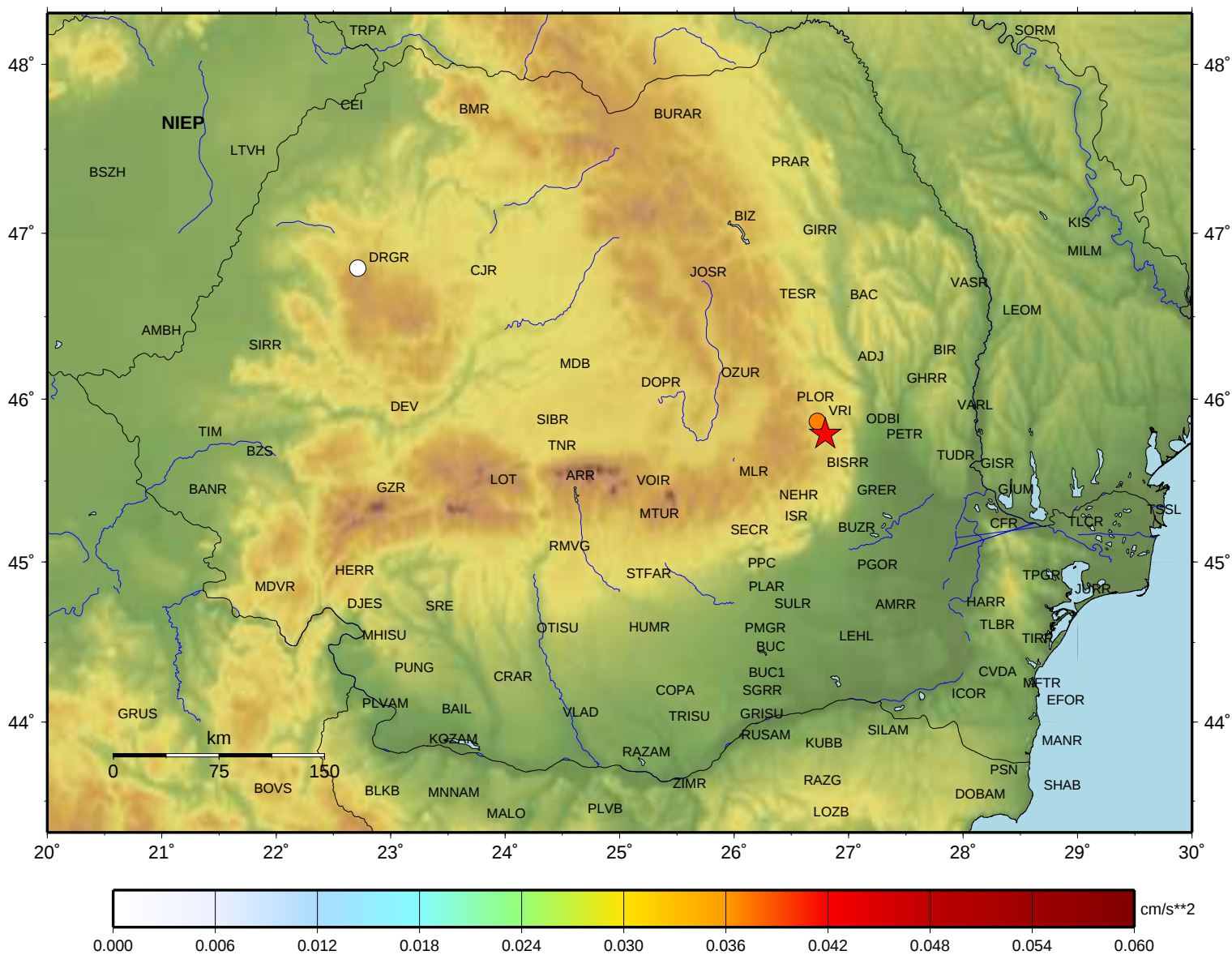
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
VRI	HNE	0.04
DRGR	HNE	0.00

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

Maximum observed acceleration: VRI HNE -0.04

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: NGRR_HHE 0.07

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