



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sat Jul 31,2021 14:09:32

Romania - Event 31110932 - Vrancea seismic zone

Sat Jul 31, 2021 11:09:32 GMT ML 3.2 N45.80 E26.65 Depth: 89.4km ID:31110932

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

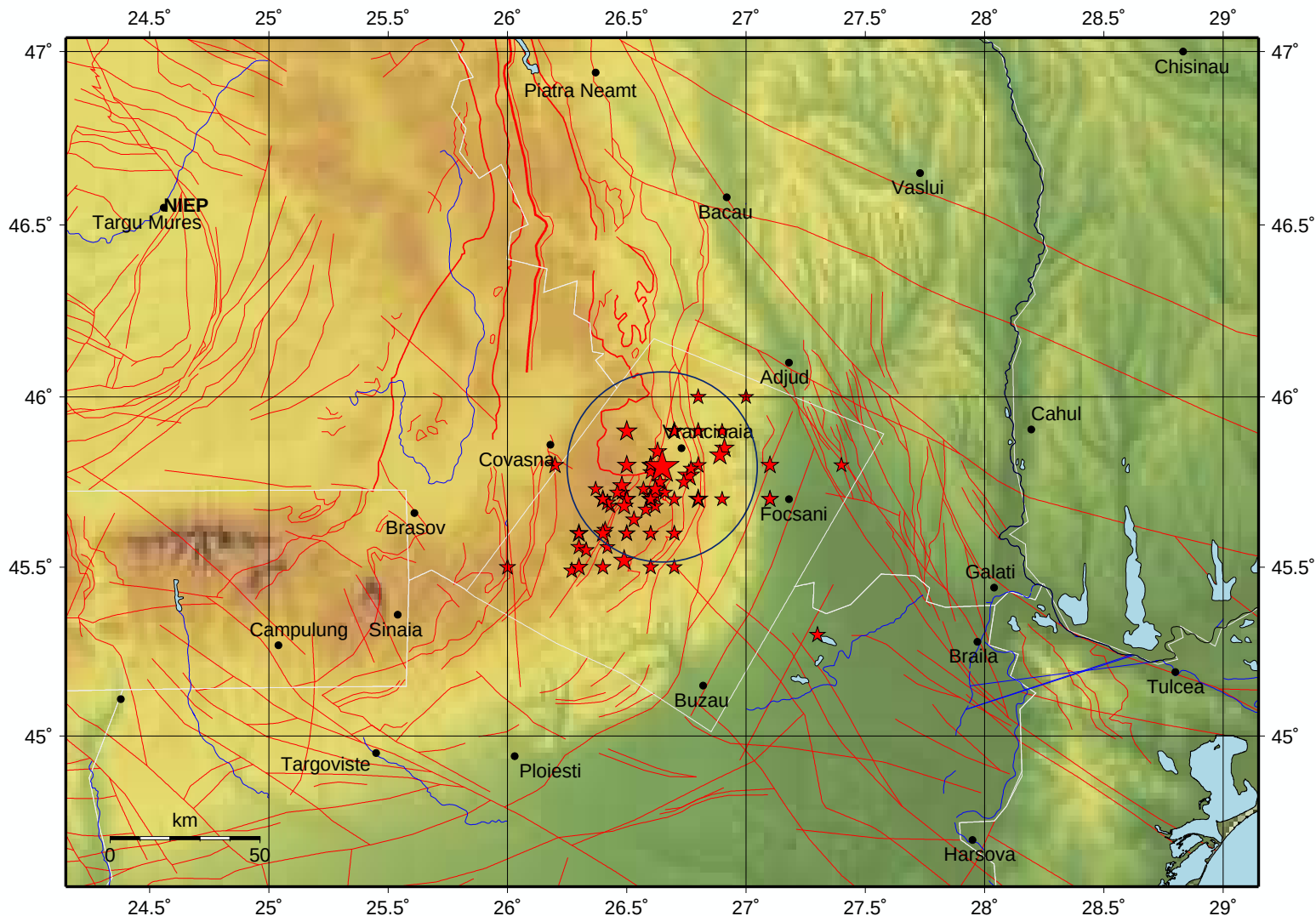
Max. grid values – pga: 0.78(cm/sec**) pgv: 0.00(cm/sec) mi: 1.8

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Local time

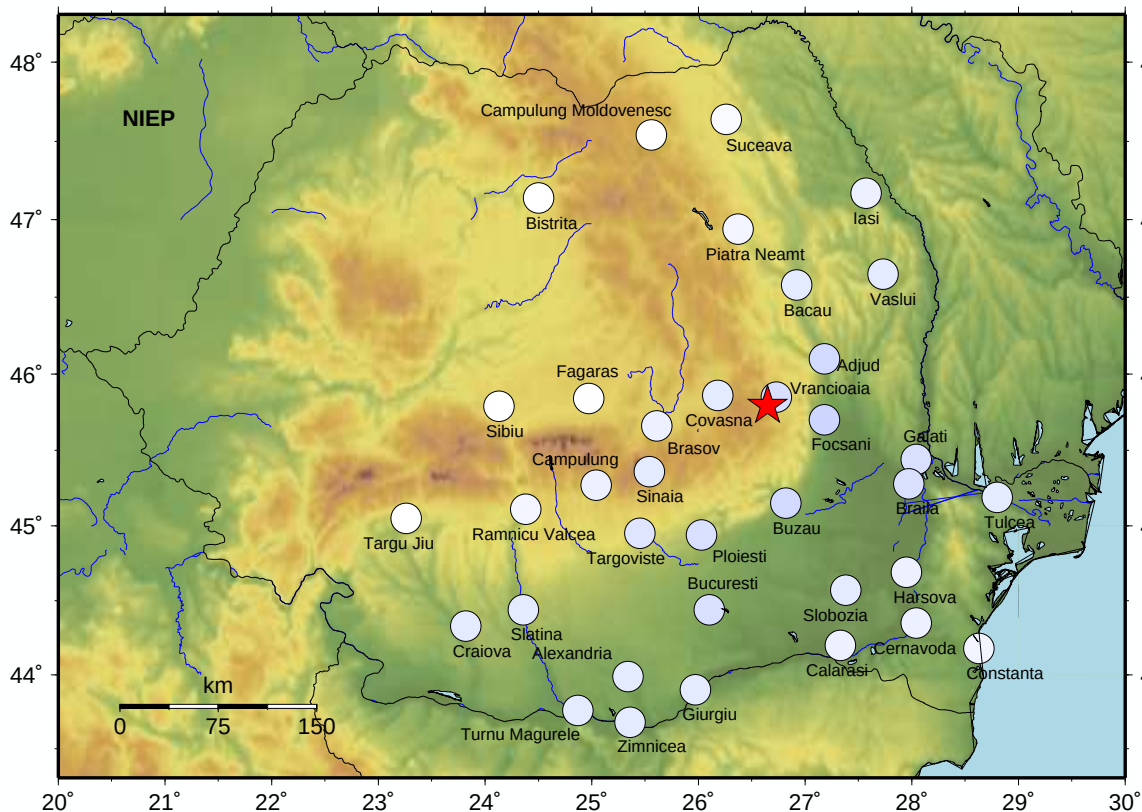
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	8
Covasna	37
Focsani	42
Adjud	53
Buzau	72
Brasov	82
Bacau	89
Sinaia	99
Ploiesti	106
Galati	115
Braila	118
Vaslui	126
Piatra Neamt	129
Fagaras	130
Targoviste	132
Campulung	138
Slobozia	147
Bucuresti	156
Harsova	159
Iasi	168
Tulcea	181
Calarasi	185
Ramnicu Valcea	193
Cernavoda	194
Sibiu	195
Suceava	207
Campulung M.	211
Giurgiu	217
Bistrita	222
Alexandria	225
Slatina	234
Constanta	237
Zimnicea	256
Turnu Magurele	266
Craiova	275
Targu Jiu	277

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+

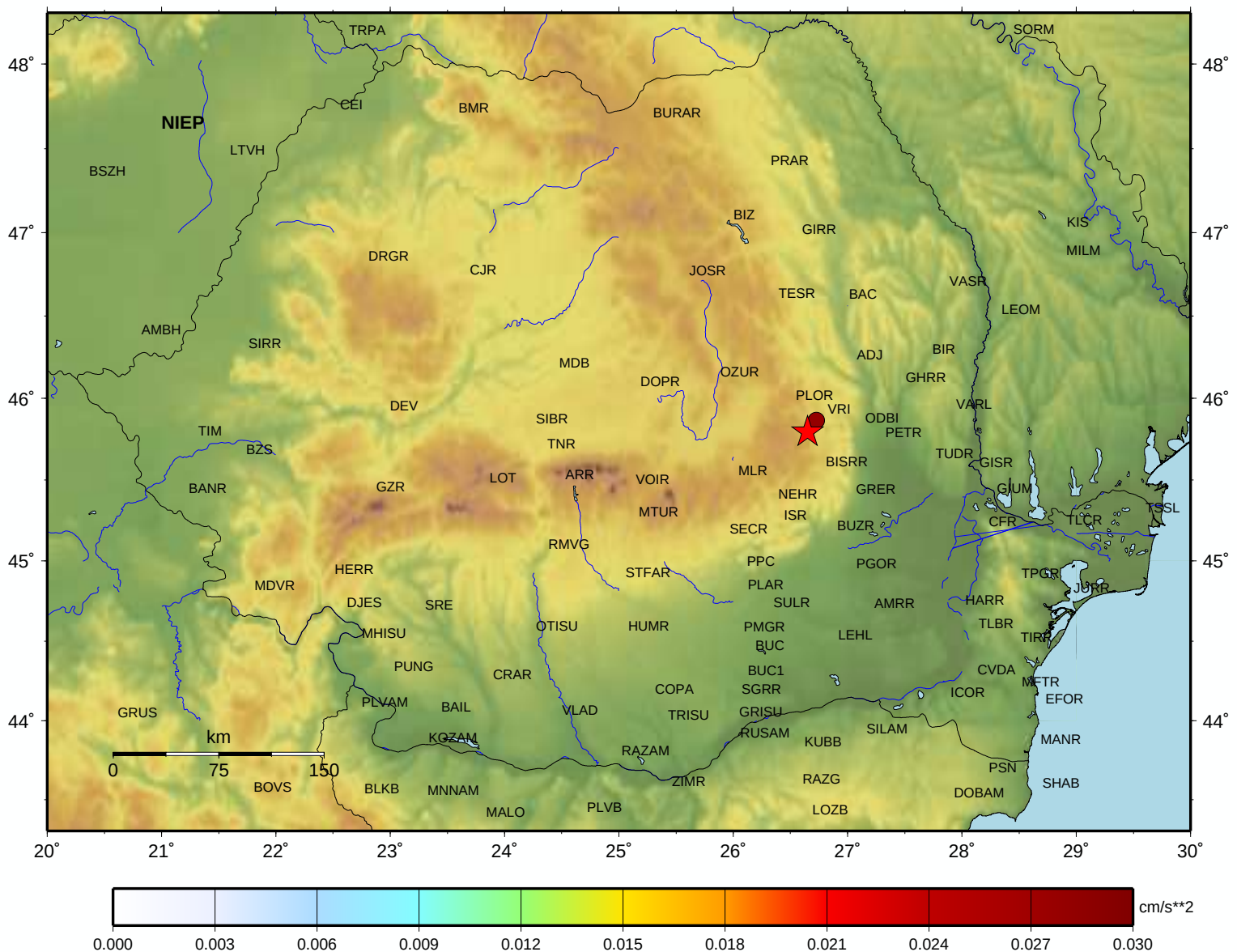
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)		
VRI	HNE	0.03

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

Maximum observed acceleration: VRI_HNE -0.03

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Maximum observed velocity: OZUR_HHN 0.00

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