



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sun Feb 21,2021 17:10:24

Romania - Event 21151024 - Vrancea seismic zone

Sun Feb 21, 2021 15:10:24 GMT ML 3.2 N45.75 E26.72 Depth: 125.6km ID:21151024

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

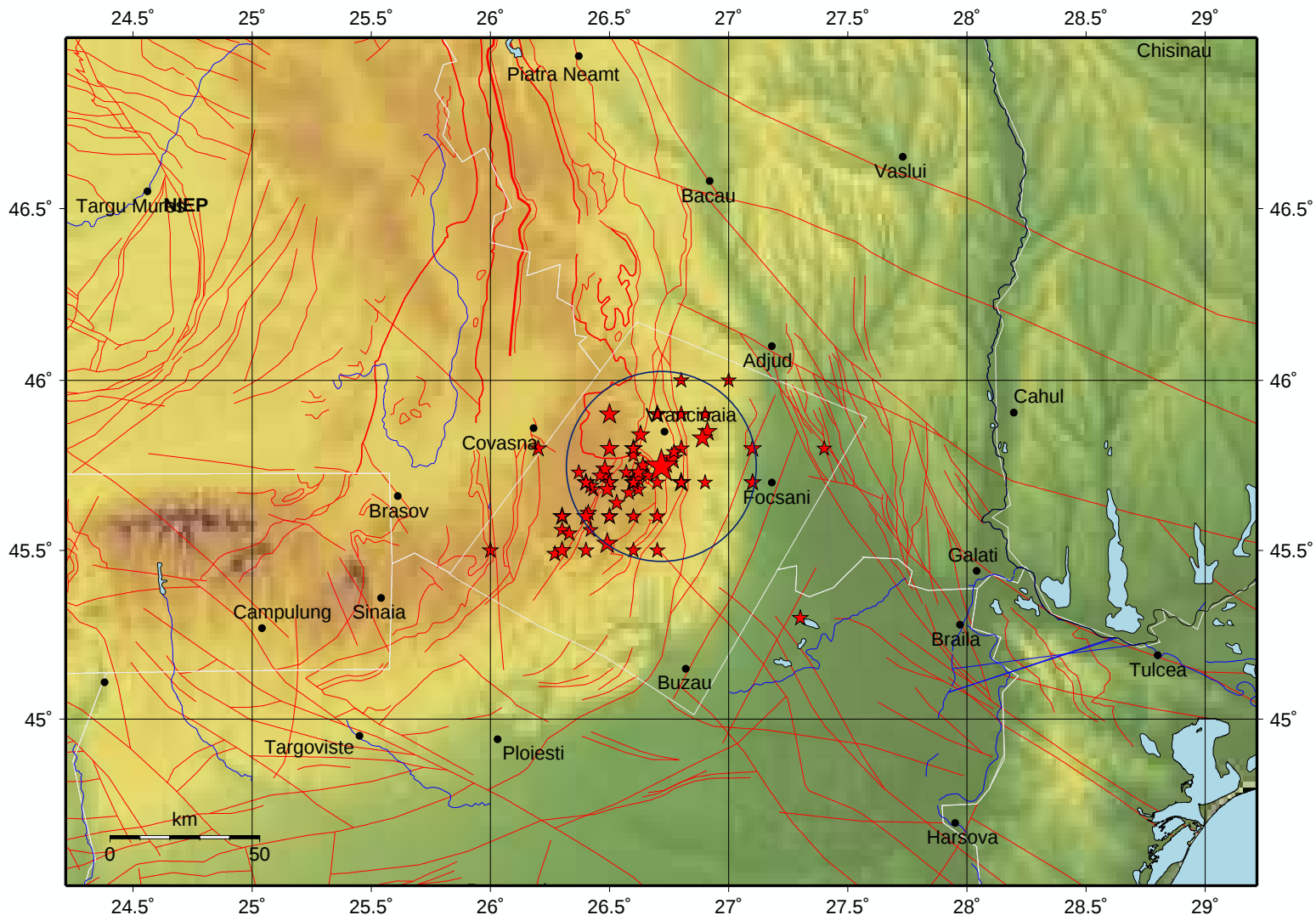
Max. grid values – pga: 0.59(cm/sec**) pgv: 0.00(cm/sec) mi: 1.8

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Local time

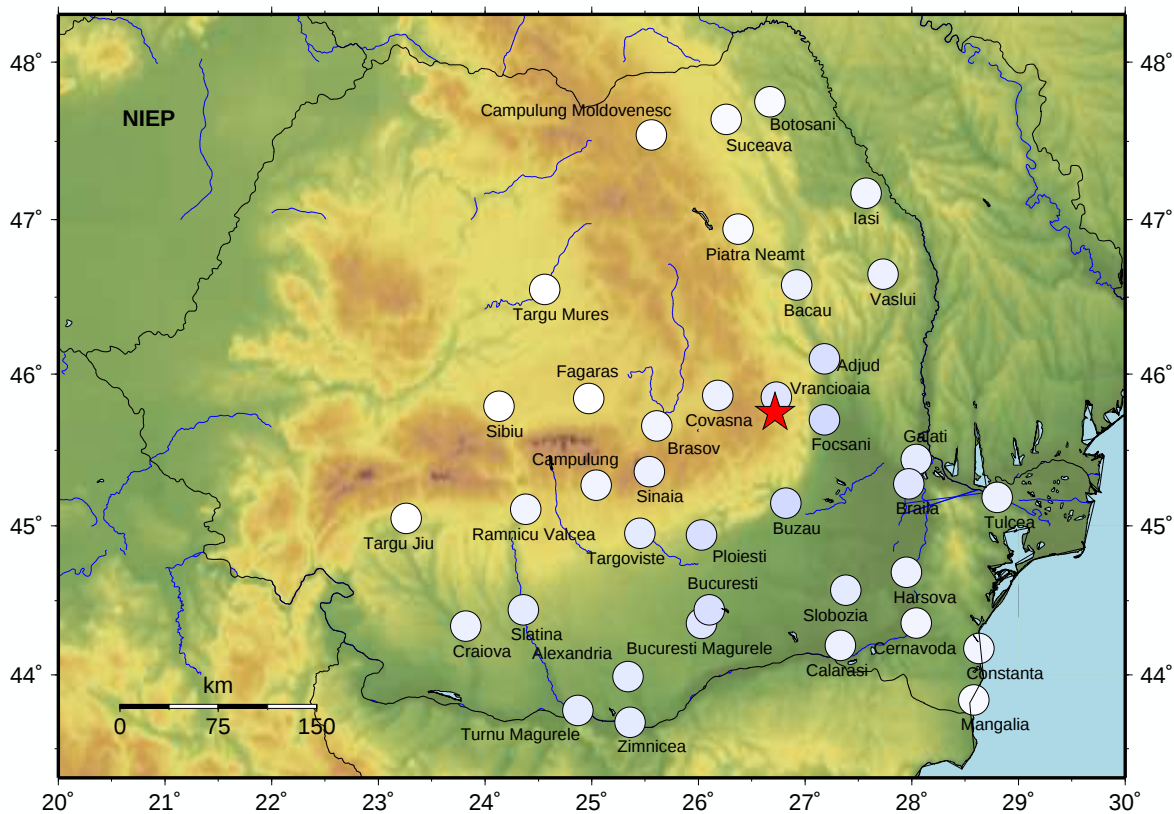
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	11
Focsani	36
Covasna	43
Adjud	53
Buzau	66
Brasov	86
Bacau	93
Sinaia	101
Ploiesti	104
Galati	108
Braila	110
Vaslui	127
Targoviste	133
Piatra Neamt	135
Fagaras	136
Slobozia	140
Campulung	141
Harsova	152
Bucuresti	153
Bucuresti Magurele	164
Iasi	171
Tulcea	174
Calarasi	178
Cernavoda	187
Targu Mures	189
Ramnicu Valcea	196
Sibiu	201
Suceava	213
Campulung M.	218
Botosani	222
Alexandria	223
Constanta	230
Slatina	235
Zimnicea	253
Mangalia	259
Turnu Magurele	264
Craiova	277
Targu Jiu	281

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+

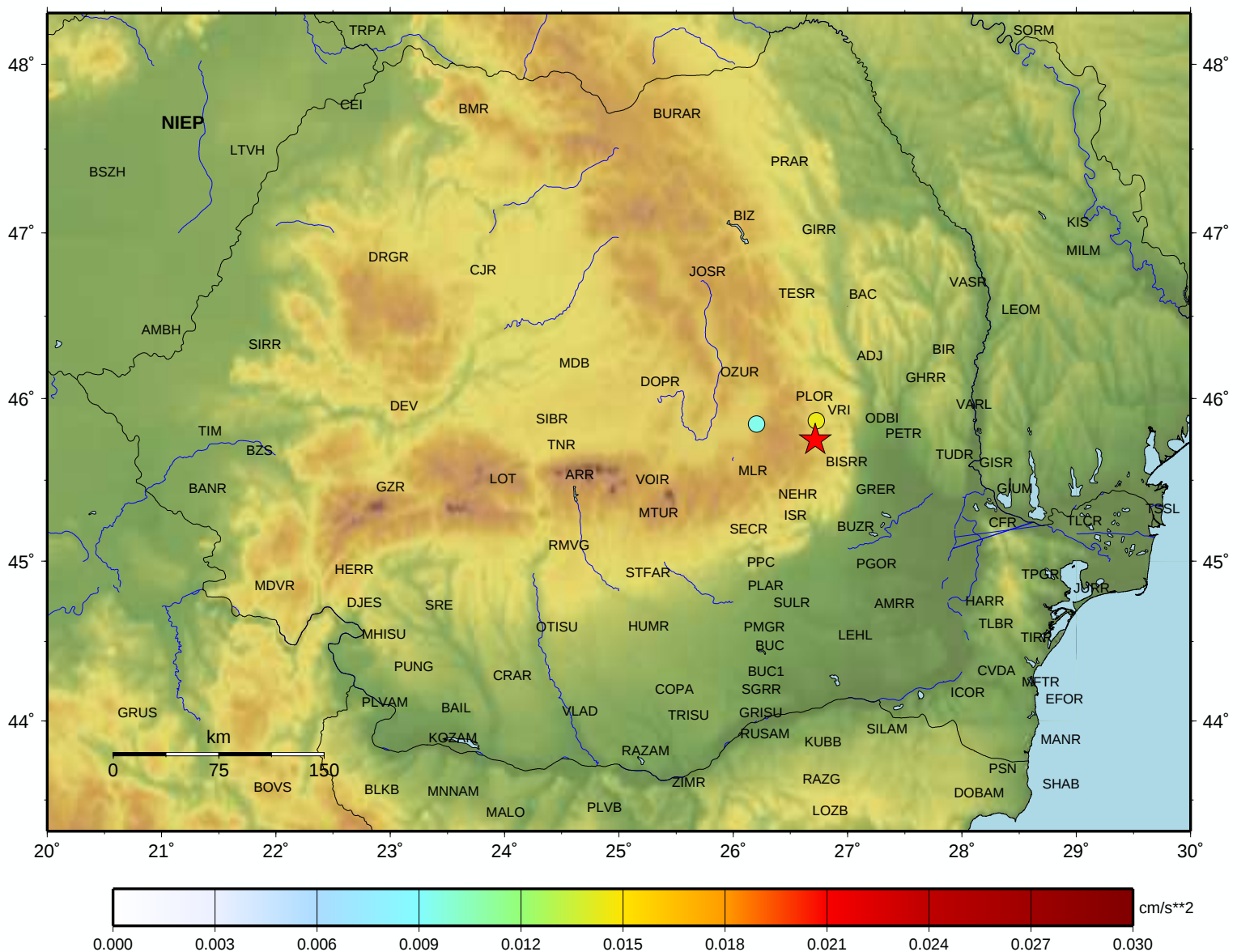
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
VRI	HNE	0.01
COVR	HNE	0.01

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

Maximum observed acceleration: VRI_HNE 0.01

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Maximum observed velocity: HARR_HHN 0.00

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