



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Fri Jan 08,2021 21:27:30

Romania - Event 98192730 - Vrancea seismic zone

Fri Jan 8, 2021 19:27:30 GMT ML 3.2 N45.71 E26.61 Depth: 98.7km ID:98192730

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

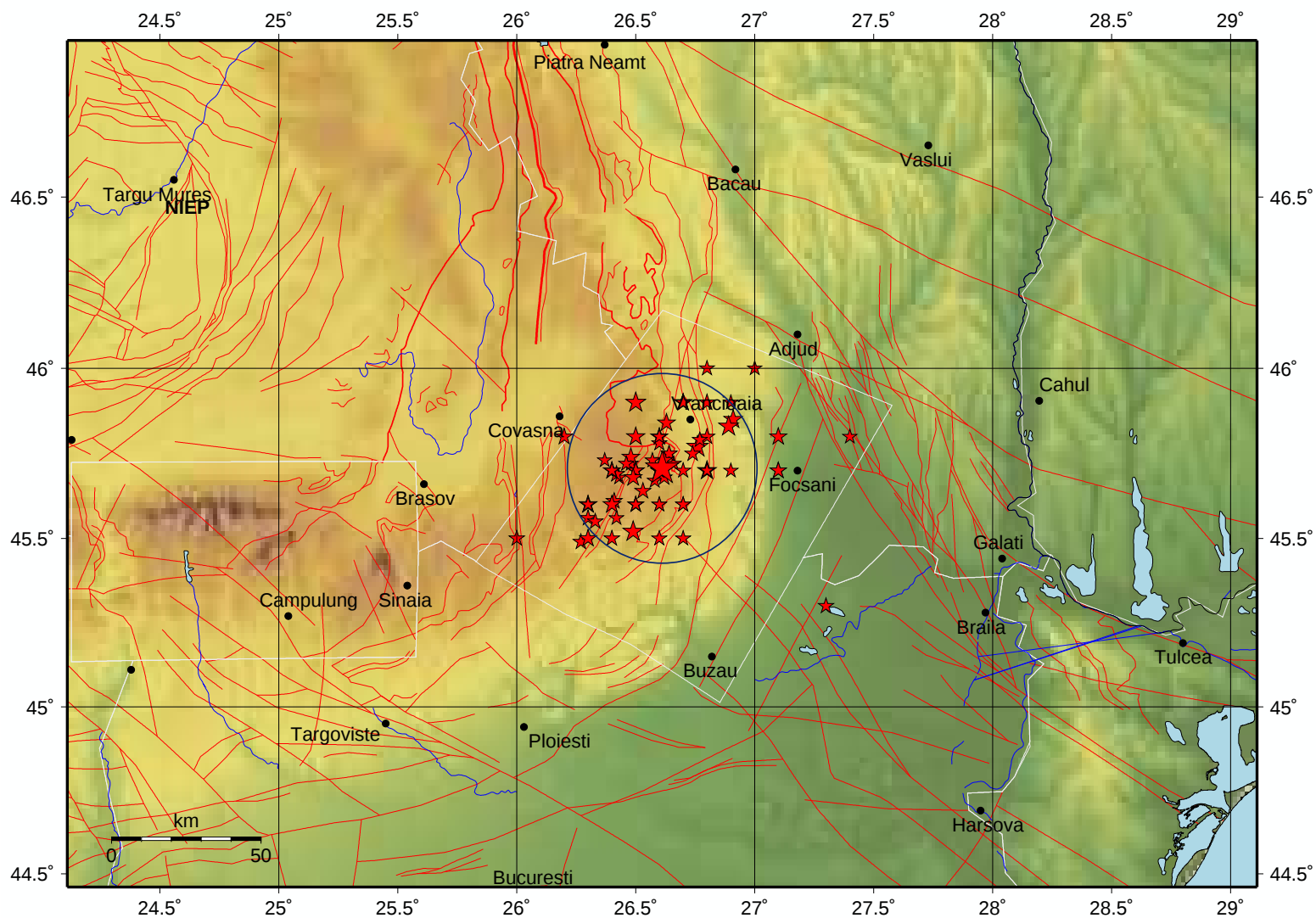
Max. grid values – pga: 0.69(cm/sec**) pgv: 0.00(cm/sec) mi: 1.8

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Local time

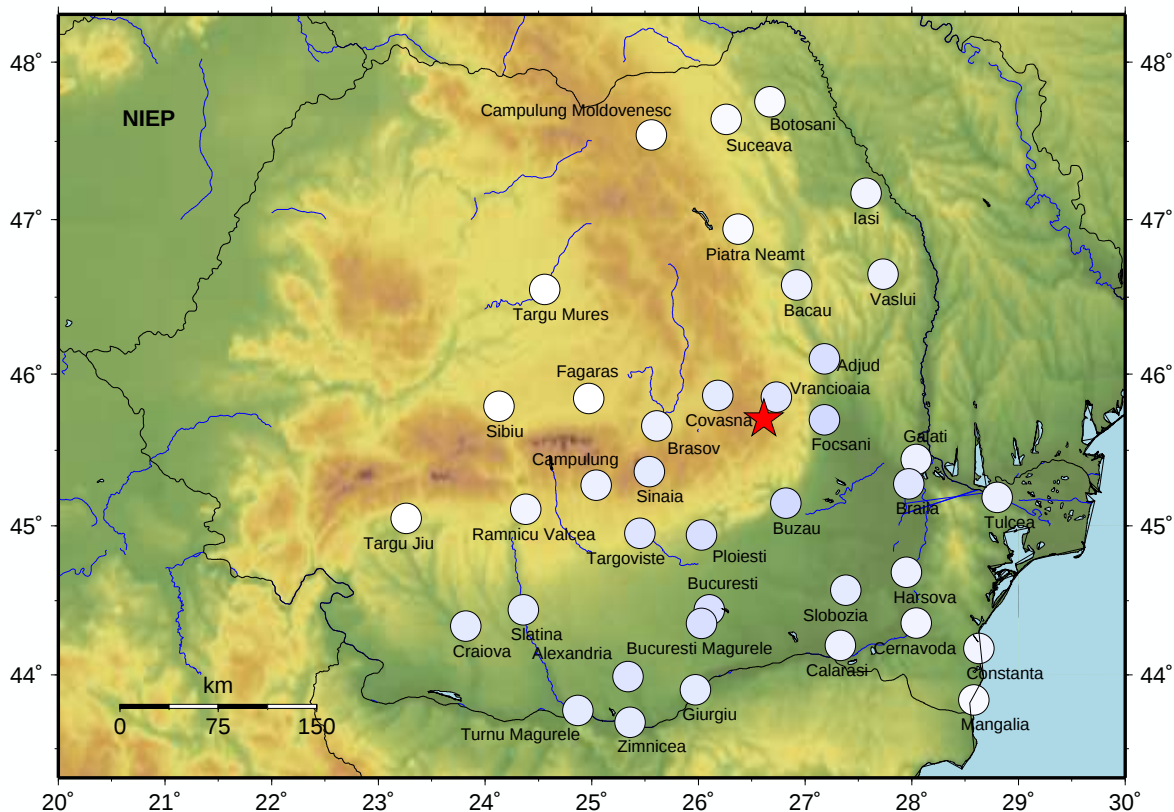
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	18
Covasna	37
Focsani	44
Adjud	62
Buzau	63
Brasov	78
Sinaia	92
Ploiesti	96
Bacau	99
Galati	115
Braila	116
Targoviste	123
Fagaras	128
Campulung	132
Vaslui	135
Piatra Neamt	138
Slobozia	140
Bucuresti	146
Harsova	154
Bucuresti Magurele	157
Calarasi	176
Iasi	178
Tulcea	180
Targu Mures	184
Ramnicu Valcea	186
Cernavoda	188
Sibiu	193
Giurgiu	207
Alexandria	215
Suceava	216
Campulung M.	219
Slatina	226
Botosani	227
Constanta	232
Zimnicea	246
Turnu Magurele	256
Mangalia	260
Craiova	267
Targu Jiu	272

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+

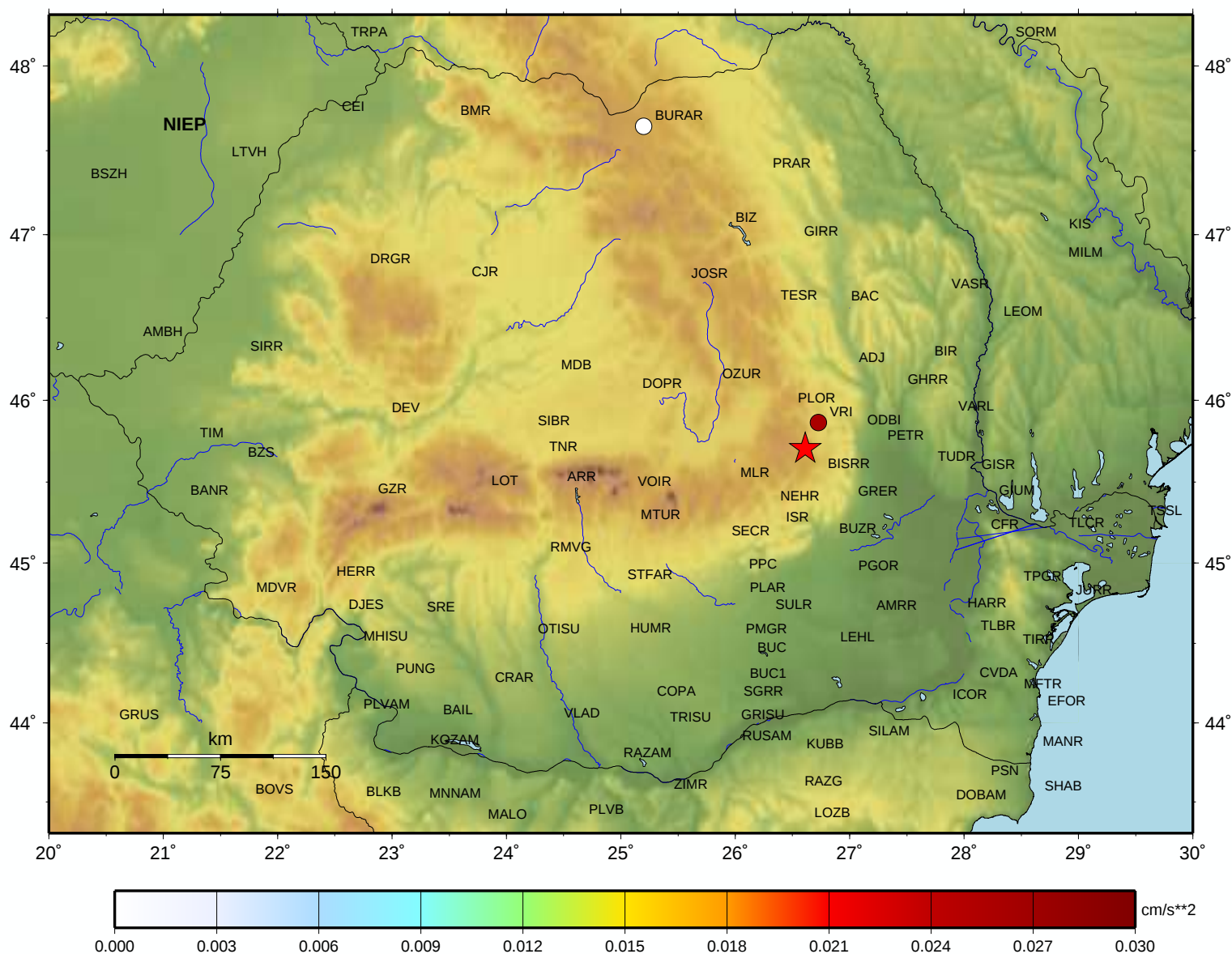
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
VRI	HNE	0.03
BURAR	BHE	0.00

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

Maximum observed acceleration: VRI_HNE -0.03

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: VLDR_HHN 0.00

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