



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Thu Dec 31,2020 16:39:26

Romania - Event 31143926 - Vrancea seismic zone

Thu Dec 31, 2020 14:39:26 GMT ML 3.3 N45.79 E26.77 Depth: 75.7km ID:31143926

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

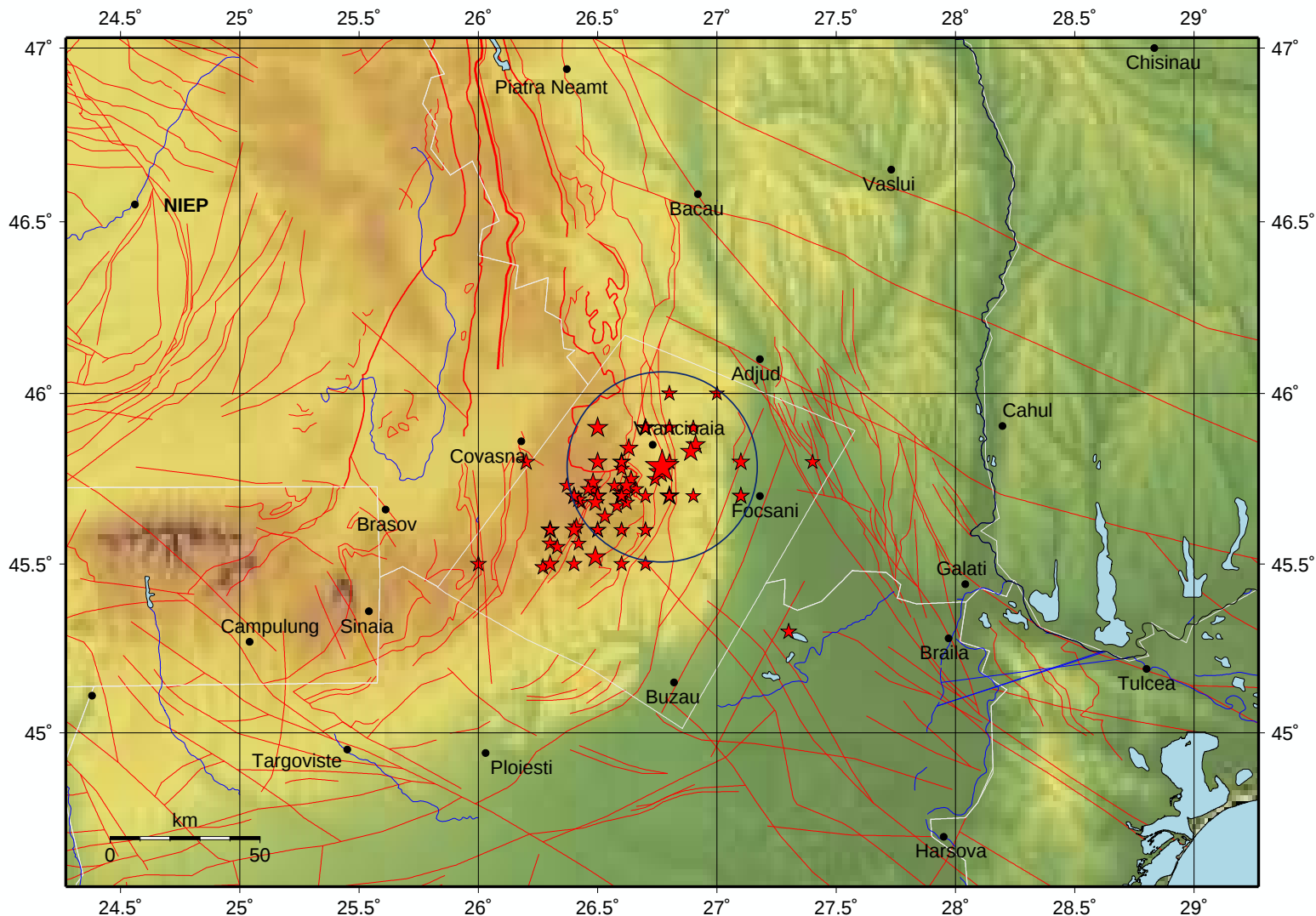
Max. grid values – pga: 1.67(cm/sec**) pgv: 0.00(cm/sec) mi: 2.0

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Local time

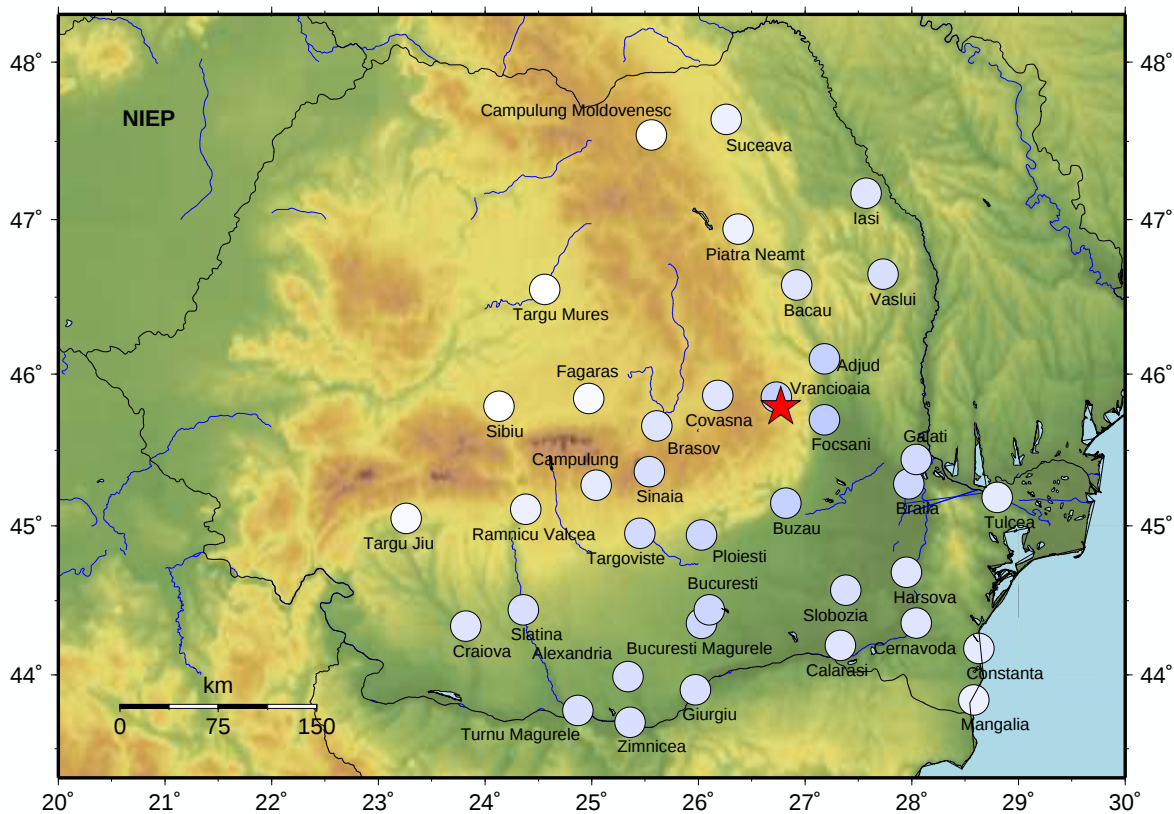
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	7
Focsani	33
Covasna	46
Adjud	47
Buzau	70
Bacau	89
Brasov	91
Galati	106
Sinaia	107
Braila	109
Ploiesti	110
Vaslui	121
Piatra Neamt	132
Targoviste	138
Fagaras	140
Slobozia	143
Campulung	146
Harsova	152
Bucuresti	158
Iasi	165
Bucuresti Magurele	170
Tulcea	171
Calarasi	181
Cernavoda	188
Targu Mures	190
Ramnicu Valcea	201
Sibiu	205
Suceava	209
Campulung M.	215
Giurgiu	218
Alexandria	229
Constanta	230
Slatina	241
Zimnicea	259
Mangalia	260
Turnu Magurele	270
Craiova	283
Targu Jiu	286

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+

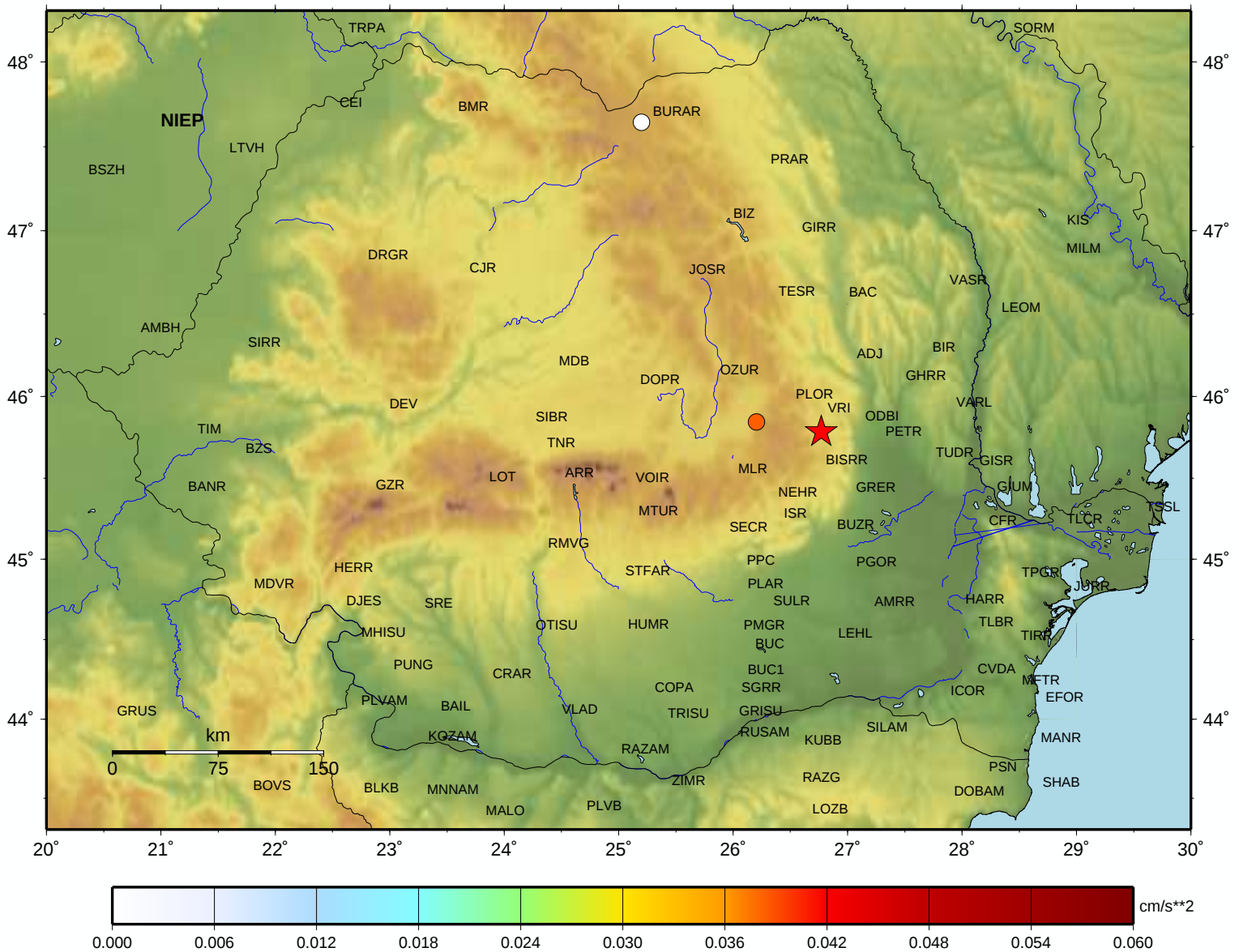
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)		
COVR	HNN	0.04
BURAR	BHN	0.00

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

Maximum observed acceleration: COVR_HNN -0.04

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HARR_HHE 0.00

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