



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Thu Nov 19,2020 04:02:46

Romania - Event 19020246 - Vrancea seismic zone

Thu Nov 19, 2020 02:02:46 GMT ML 3.4 N45.76 E26.67 Depth: 86.9km ID:19020246

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

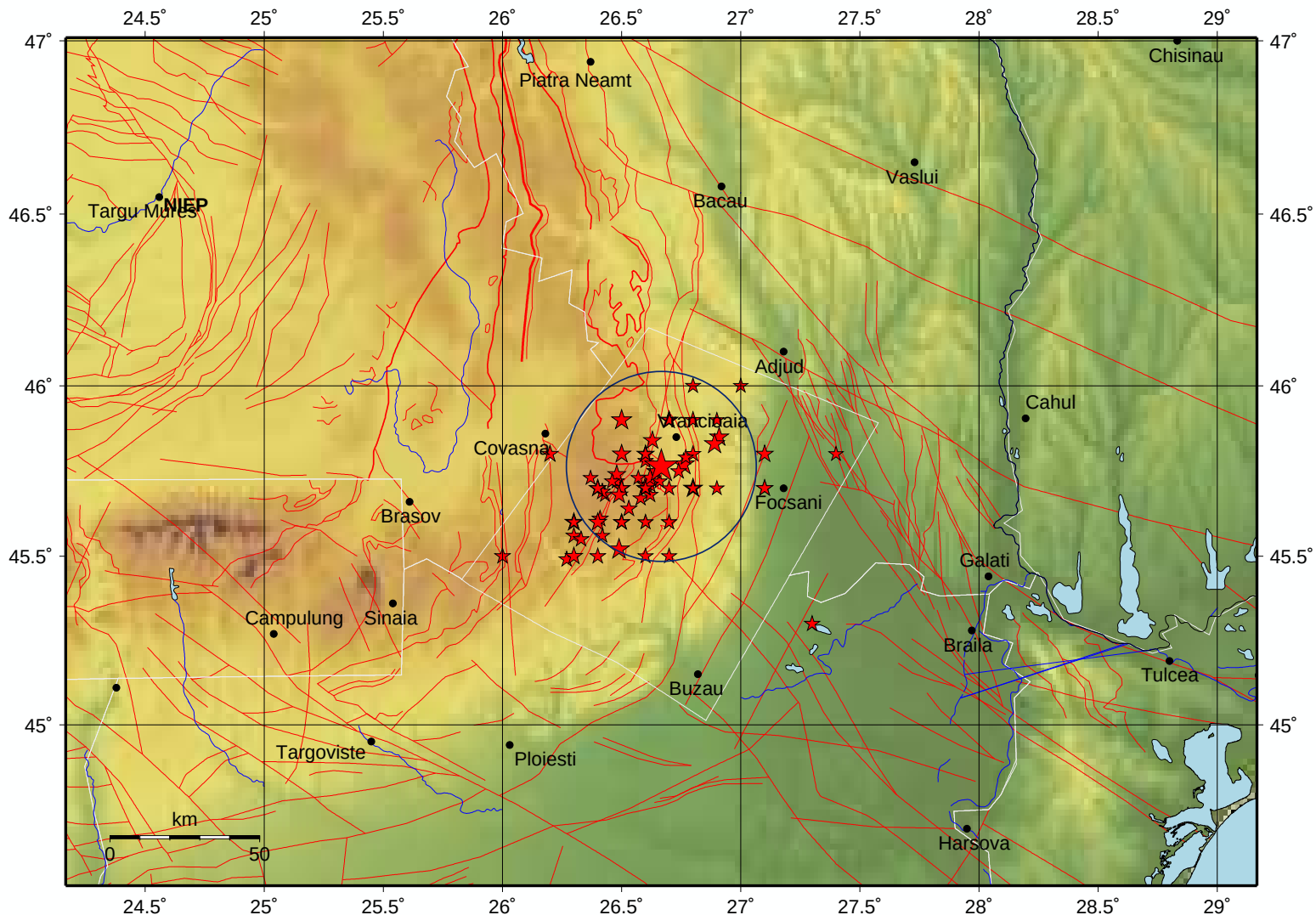
Max. grid values – pga: 1.37(cm/sec**) pgv: 0.00(cm/sec) mi: 2.0

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Local time

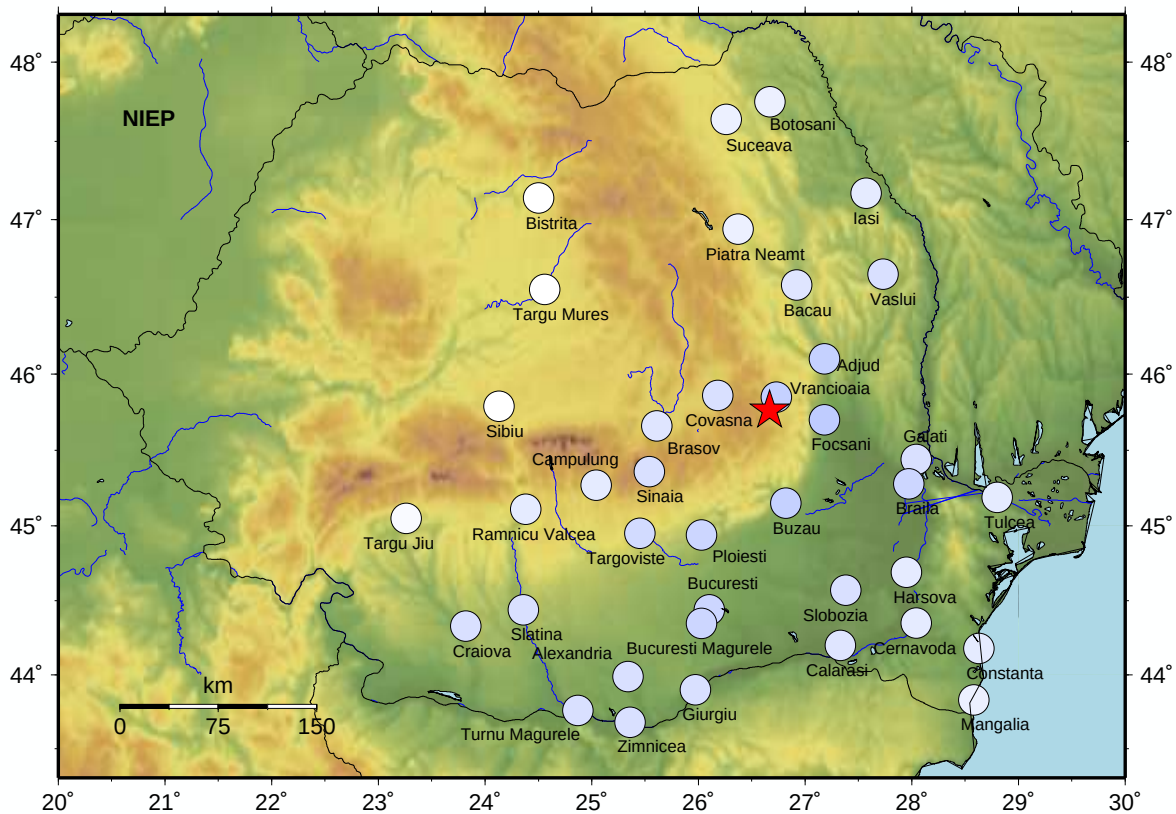
Thu Nov 19, 2020 04:02:46

Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	10
Covasna	39
Focsani	40
Adjud	54
Buzau	69
Brasov	83
Bacau	92
Sinaia	98
Ploiesti	104
Galati	113
Braila	115
Vaslui	128
Targoviste	131
Piatra Neamt	132
Campulung	138
Slobozia	144
Bucuresti	153
Harsova	156
Bucuresti Magurele	165
Iasi	170
Tulcea	178
Calarasi	181
Targu Mures	184
Cernavoda	190
Ramnicu Valcea	193
Sibiu	197
Suceava	210
Giurgiu	214
Botosani	220
Alexandria	223
Bistrita	226
Slatina	233
Constanta	234
Zimnicea	253
Mangalia	262
Turnu Magurele	264
Craiova	275
Targu Jiu	278

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+

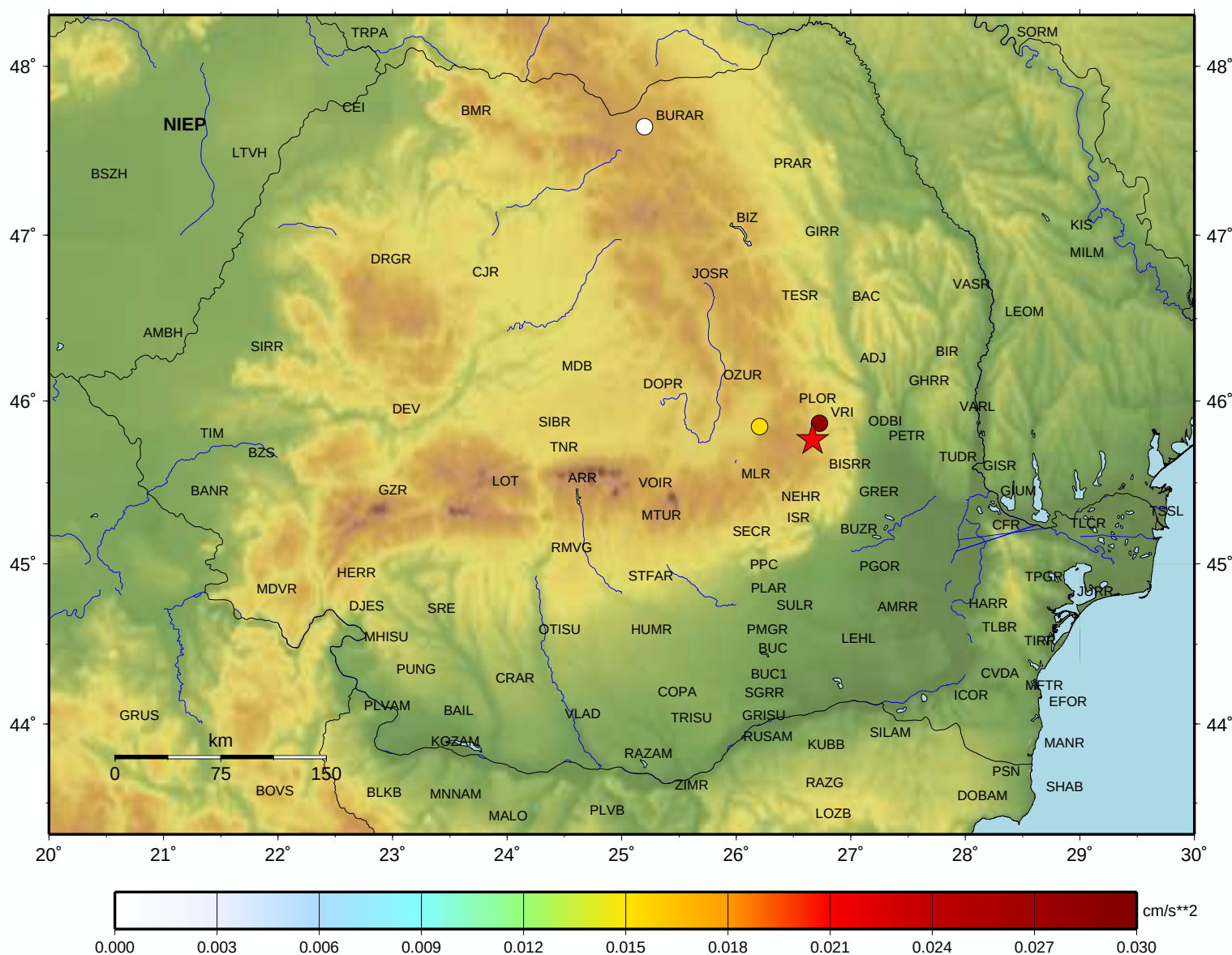
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
VRI	HNE	0.03
COVR	HNN	0.02
BURAR	BHE	0.00

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

Maximum observed acceleration: VRI_HNE 0.03

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Maximum observed velocity: BIR_HHE 0.00

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