



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Fri Nov 27,2020 14:30:16

Romania - Event 27123016 - Vrancea seismic zone

Fri Nov 27, 2020 12:30:16 GMT ML 3.8 N45.59 E26.55 Depth: 124.7km ID:27123016

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

Romania – Event 27123016 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

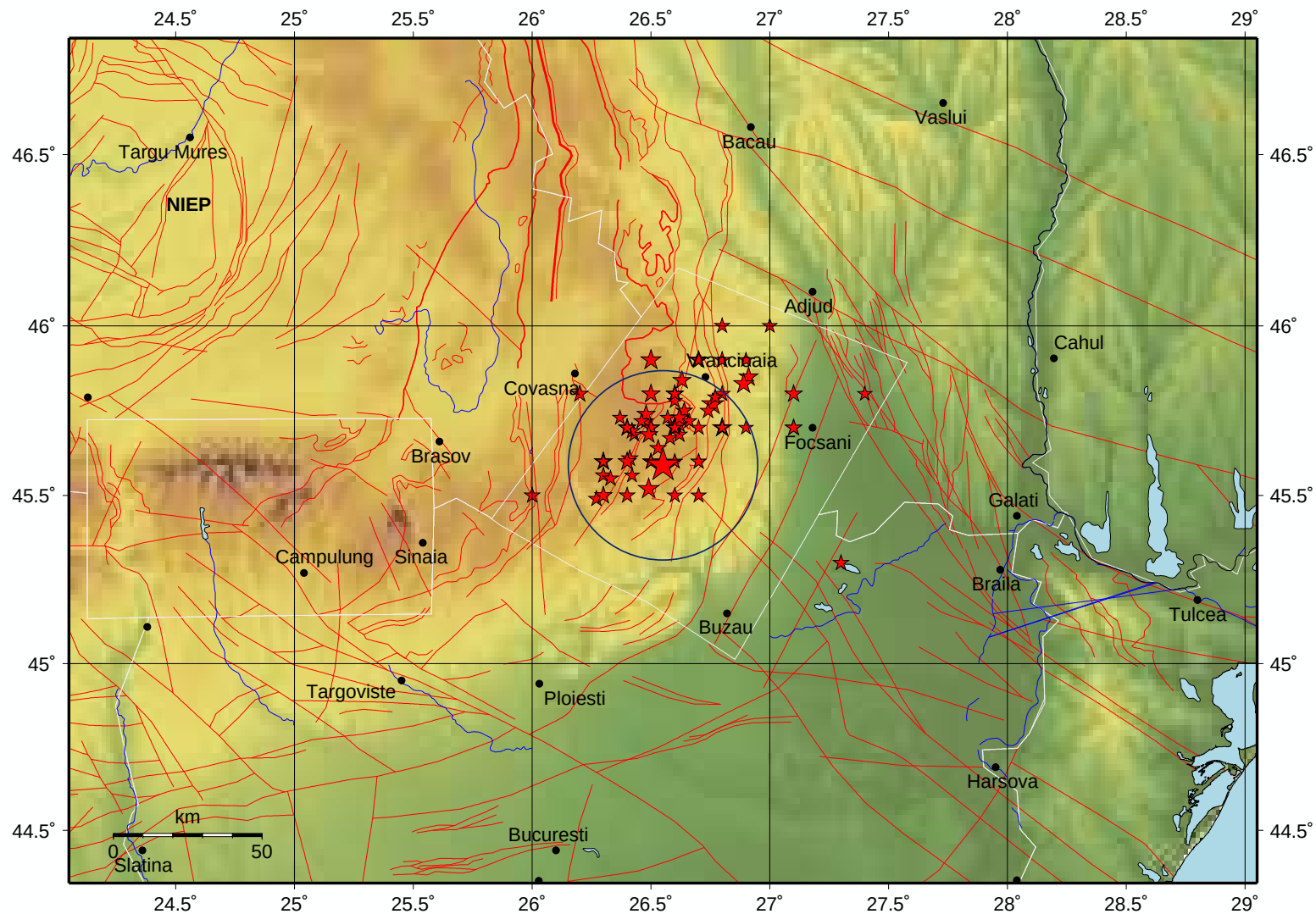
Max. grid values – pga: 1.67(cm/sec**) pgv: 0.00(cm/sec) mi: 2.4

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Local time

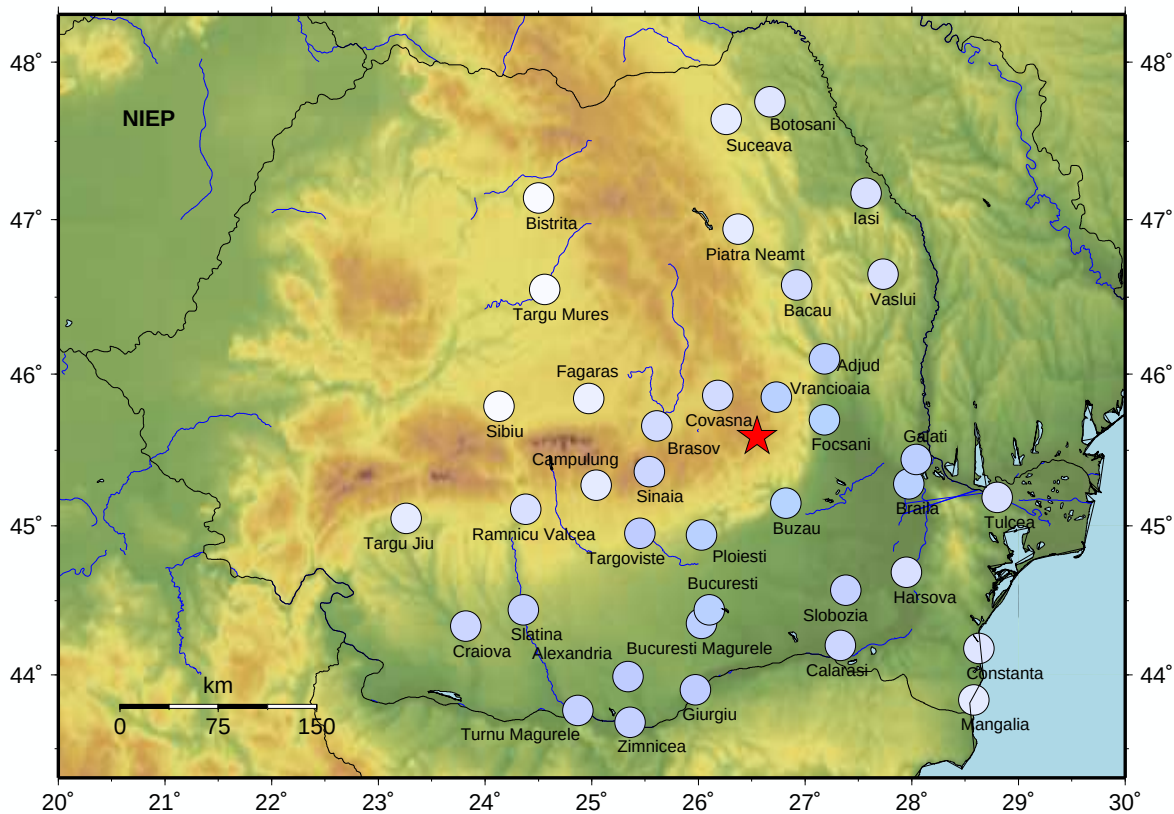
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancioaia	32
Covasna	41
Focsani	50
Buzau	53
Brasov	73
Adjud	74
Ploiesti	82
Sinaia	83
Targoviste	111
Bacau	113
Braila	116
Galati	117
Campulung	123
Fagaras	126
Slobozia	130
Bucuresti	132
Bucuresti Magurele	144
Harsova	148
Vaslui	149
Piatra Neamt	150
Calarasi	166
Ramnicu Valcea	178
Tulcea	181
Targu Mures	187
Sibiu	189
Iasi	192
Giurgiu	193
Alexandria	201
Slatina	214
Constanta	226
Suceava	229
Zimnicea	232
Bistrita	233
Botosani	240
Turnu Magurele	243
Mangalia	253
Craiova	256
Targu Jiu	264

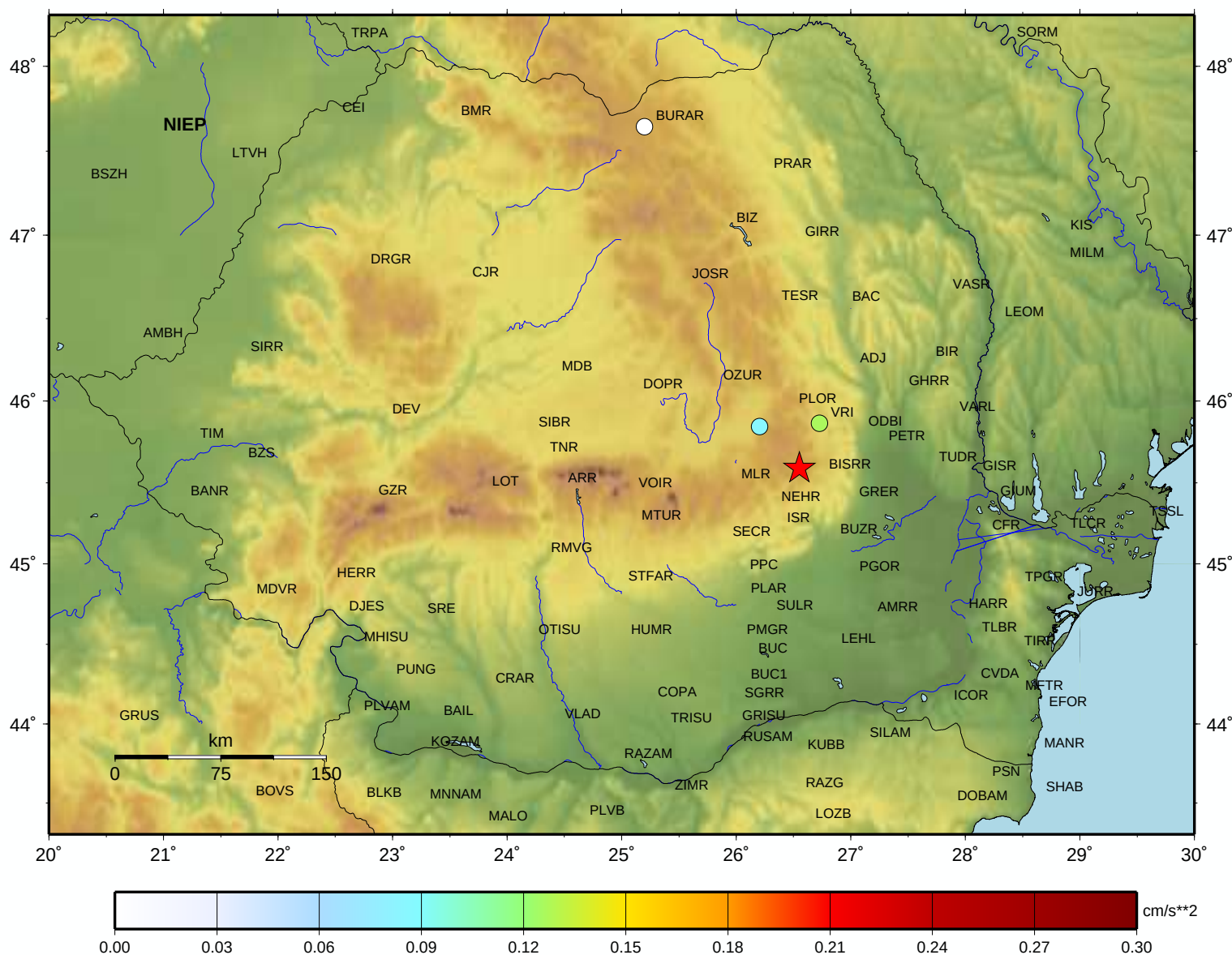
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
VRI	HNE	0.13
COVR	HNE	0.09
BURAR	BHN	0.00

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

Maximum observed acceleration: VRI_HNE -0.13

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: PANC_HHE 0.02

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