



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sat Jun 19,2021 18:10:15

Romania - Event 19151015 - Vrancea seismic zone

Sat Jun 19, 2021 15:10:15 GMT ML 3.3 N45.84 E26.65 Depth: 72.9km ID:19151015

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 19151015 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

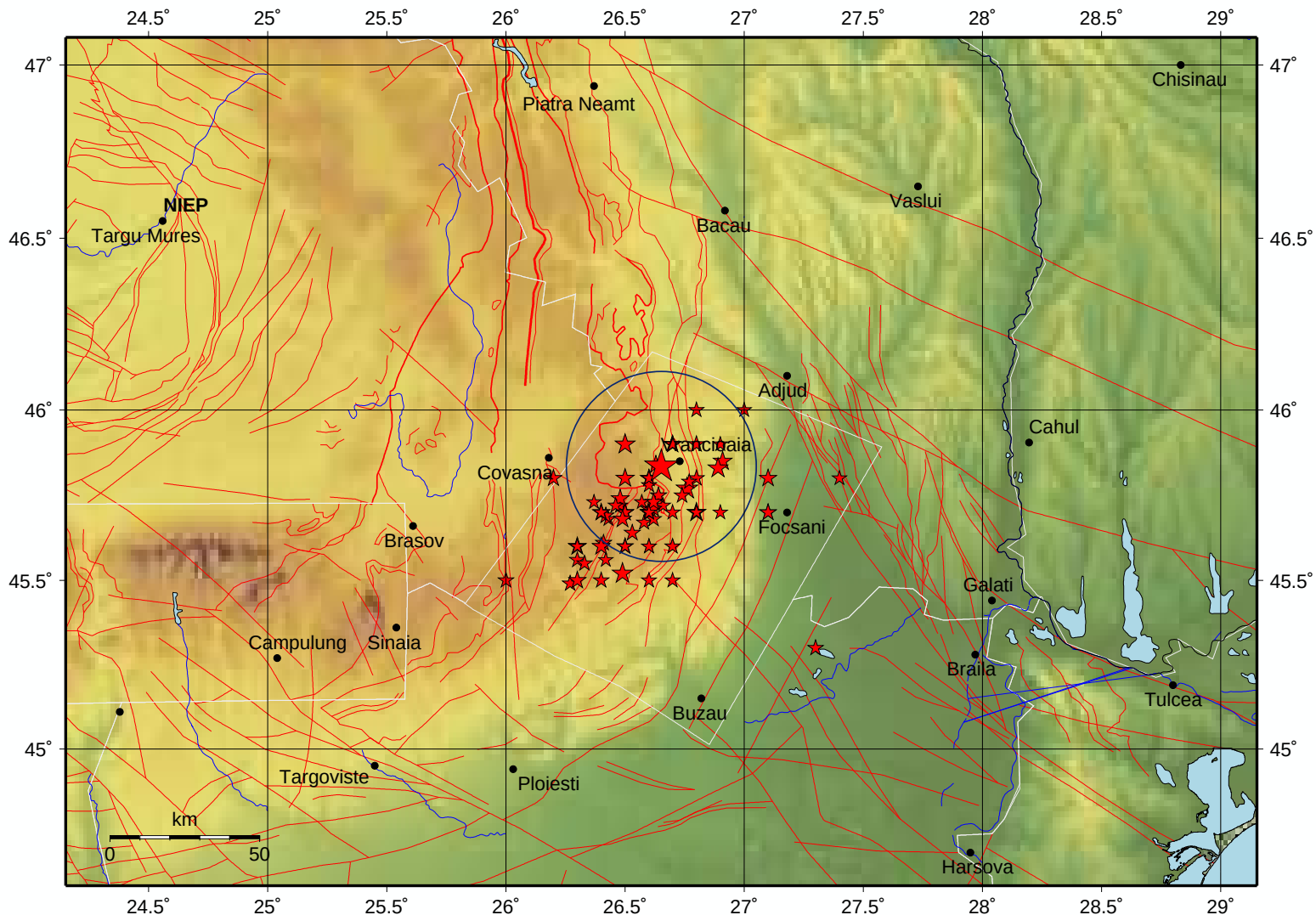
Max. grid values – pga: 1.47(cm/sec**) pgv: 0.00(cm/sec) mi: 2.0

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Local time

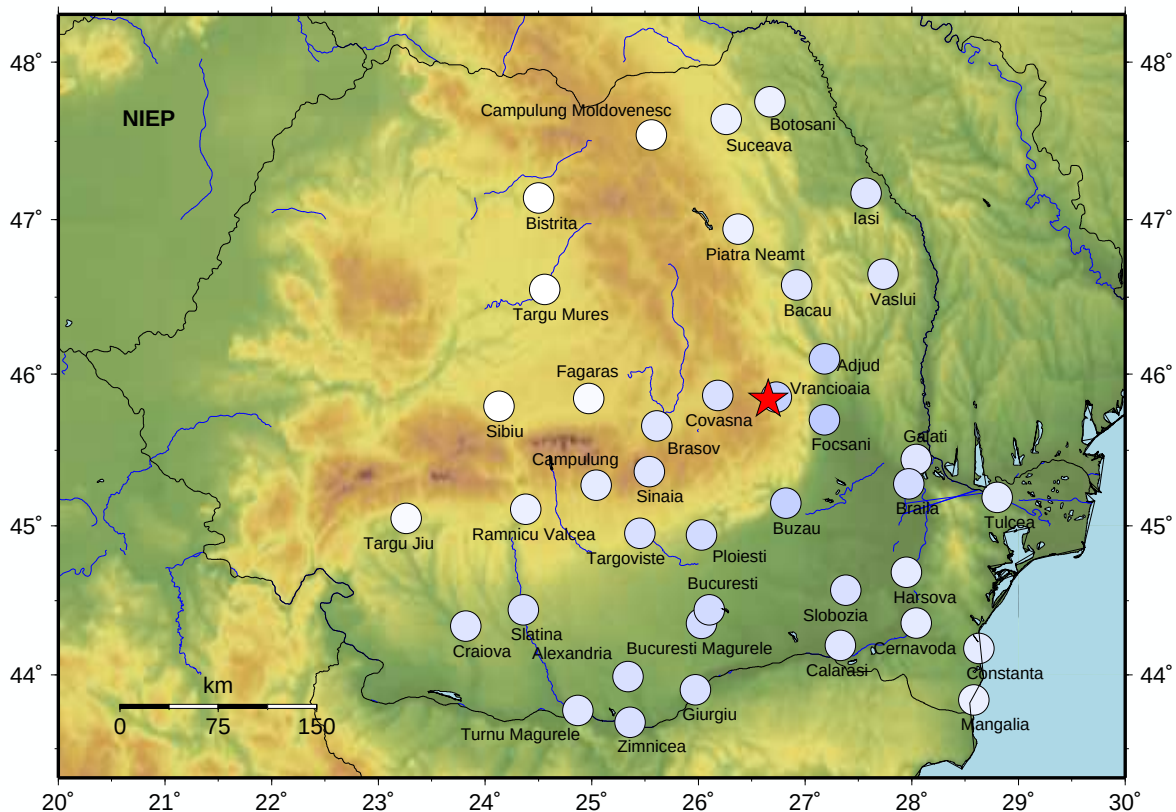
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	6
Covasna	36
Focsani	43
Adjud	50
Buzau	77
Brasov	83
Bacau	85
Sinaia	101
Ploiesti	110
Galati	116
Braila	119
Vaslui	122
Piatra Neamt	124
Fagaras	130
Targoviste	136
Campulung	140
Slobozia	151
Bucuresti	161
Harsova	163
Iasi	164
Bucuresti Magurele	172
Targu Mures	180
Tulcea	182
Calarasi	189
Ramnicu Valcea	195
Sibiu	196
Cernavoda	197
Suceava	202
Campulung M.	207
Botosani	212
Bistrita	219
Giurgiu	221
Alexandria	229
Slatina	237
Constanta	241
Zimnicea	260
Mangalia	269
Turnu Magurele	270
Craiova	278
Targu Jiu	279

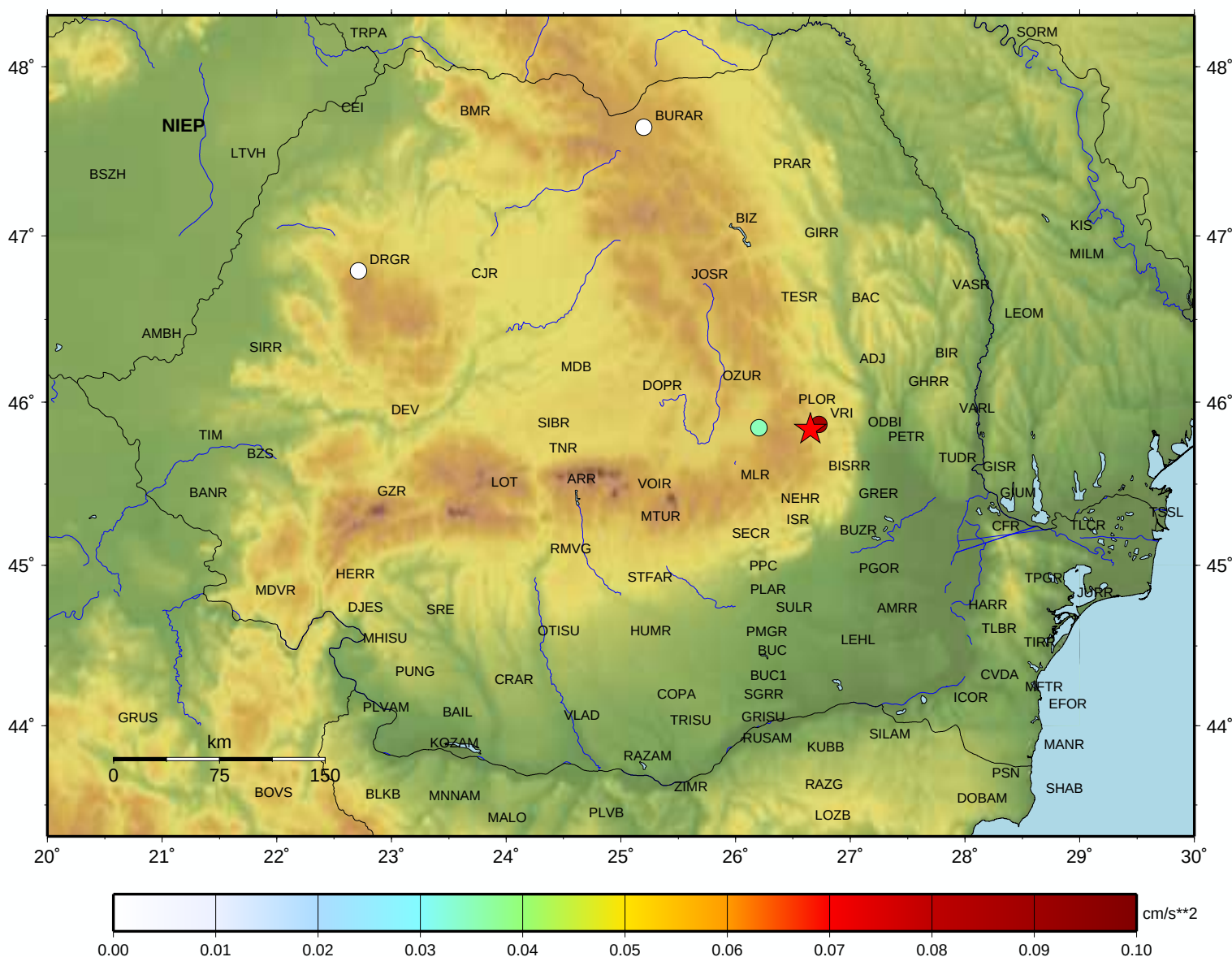
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
VRI	HNE	0.09
COVR	HNN	0.04
DRGR	HNE	0.00
BURAR	BHE	0.00

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

Maximum observed acceleration: VRI_HNE -0.09

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Maximum observed velocity: OZUR_HHE 0.00

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