



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Fri Jul 09,2021 16:38:32

Romania - Event 99133832 - Vrancea seismic zone

Fri Jul 9, 2021 13:38:32 GMT ML 3.8 N45.48 E26.38 Depth: 129.1km ID:99133832

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 99133832 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

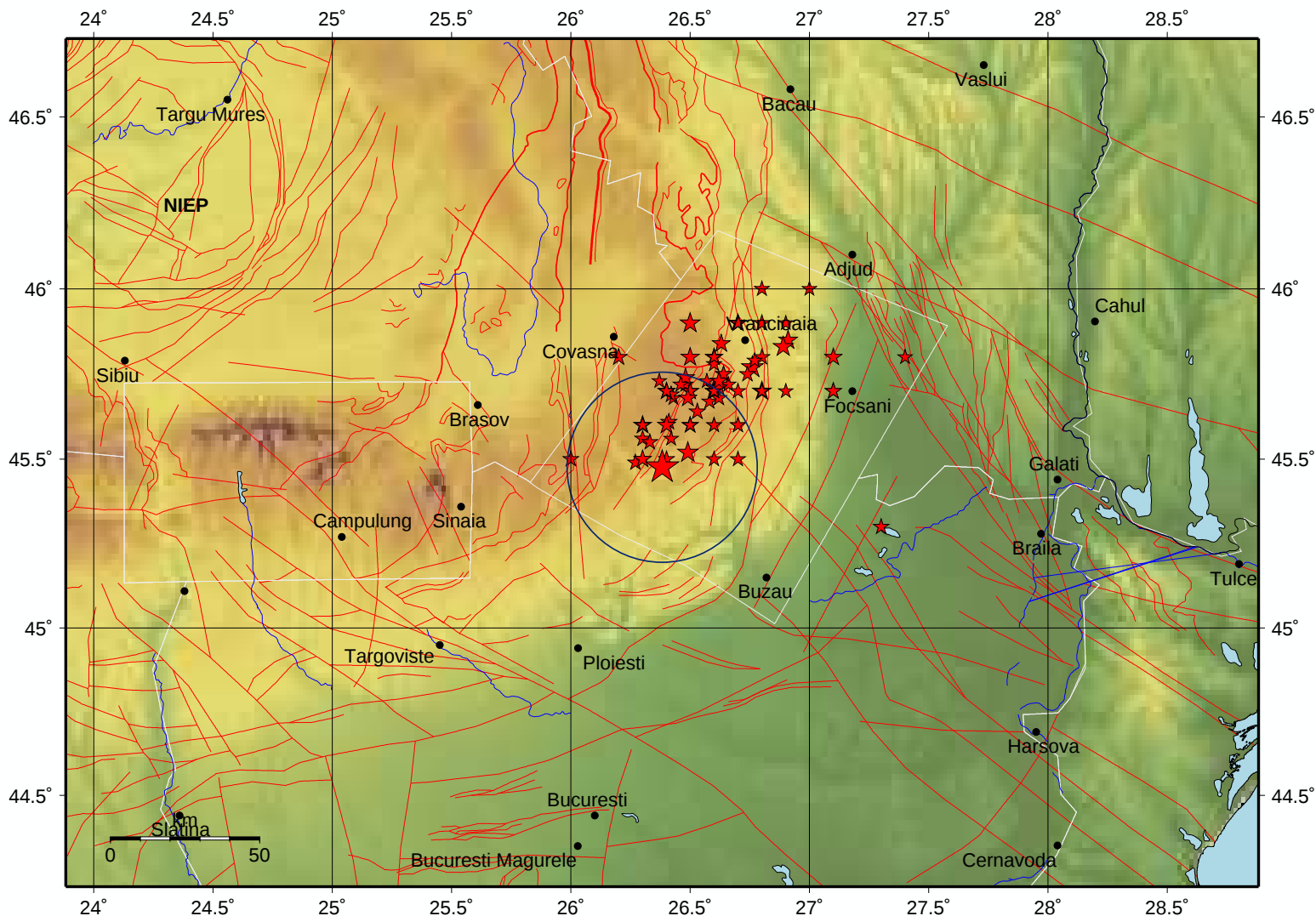
Max. grid values – pga: 1.37(cm/sec**) pgv: 0.00(cm/sec) mi: 2.3

Fri Jul 9, 2021 13:38:32 GMT ML 3.8 N45.48 E26.38 Depth: 129.1km ID:99133832 Mw 3.6

Local time

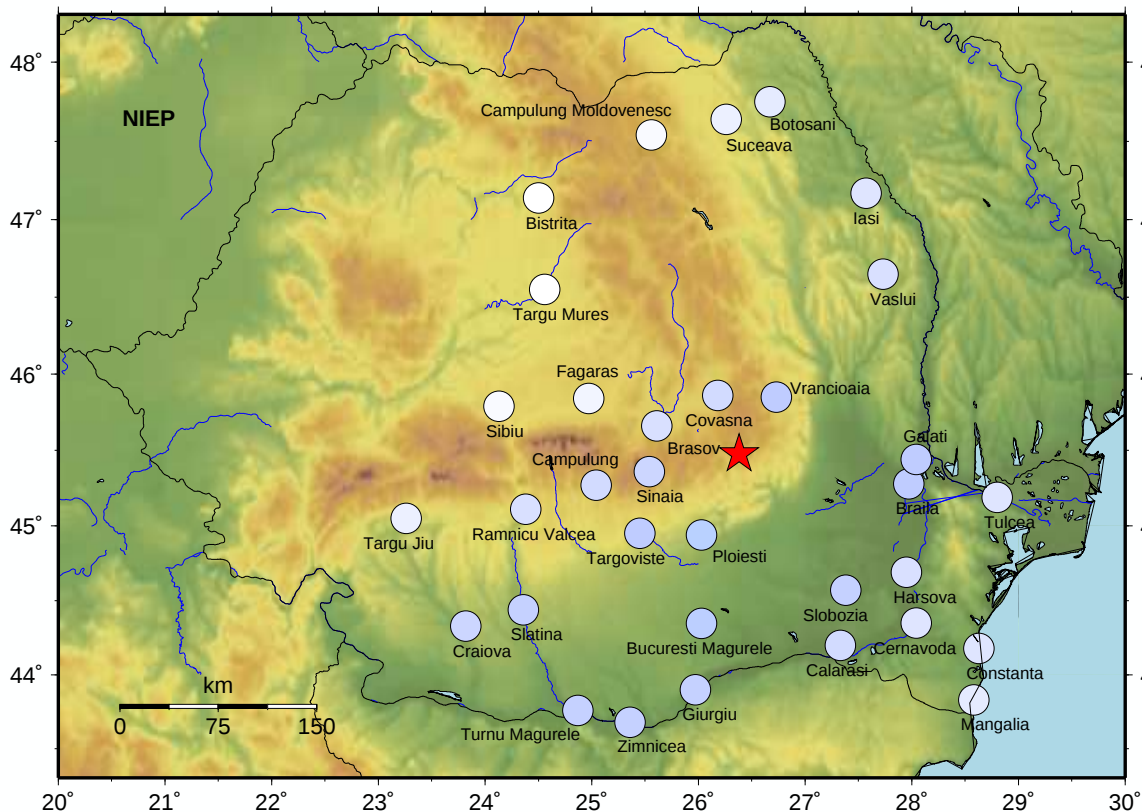
Fri Jul 09, 2021 16:38:32

Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

Fri Jul 9, 2021 13:38:32 GMT ML 3.8 N45.48 E26.38 Depth: 129.1km ID:99133832



City	Distance(km)
Covasna	45
Vrancioaia	49
Brasov	63
Ploiesti	65
Sinaia	67
Targoviste	93
Campulung	107
Fagaras	117
Braila	126
Slobozia	127
Bucuresti Magurele	128
Galati	129
Harsova	151
Calarasi	160
Ramnicu Valcea	162
Vaslui	167
Giurgiu	178
Sibiu	179
Cernavoda	181
Targu Mures	184
Tulcea	192
Slatina	196
Iasi	209
Zimnicea	215
Turnu Magurele	225
Constanta	228
Bistrita	235
Campulung M.	237
Craiova	239
Suceava	240
Targu Jiu	249
Mangalia	252
Botosani	253

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+

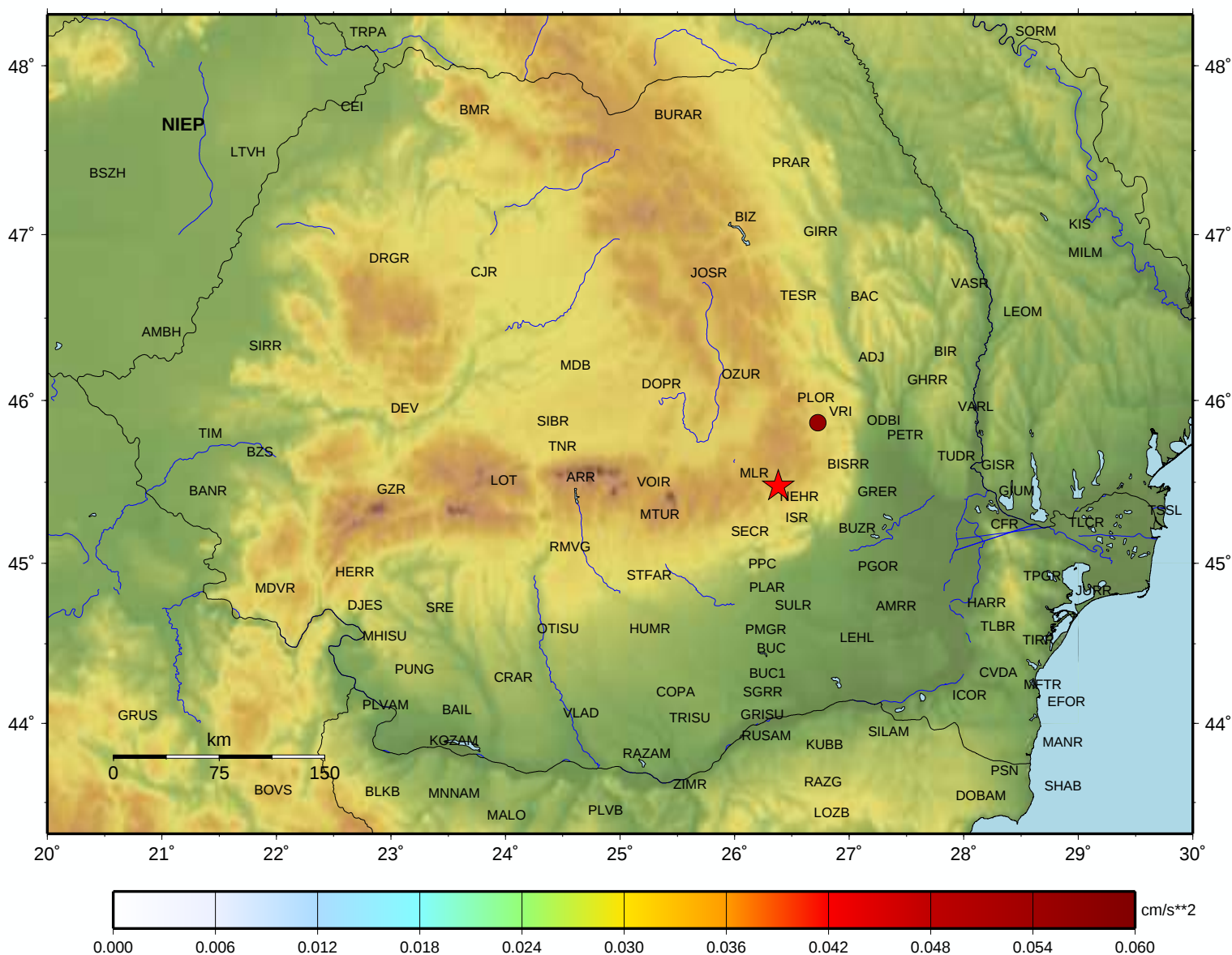
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)
 VRI HNE 0.06

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

Maximum observed acceleration: VRI_HNE -0.06

Fri Jul 9, 2021 13:38:32 GMT ML 3.8 N45.48 E26.38 Depth: 129.1km ID:99133832



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: VLDR_HHN 0.02

Fri Jul 9, 2021 13:38:32 GMT ML 3.8 N45.48 E26.38 Depth: 129.1km ID:99133832

