



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Tue May 17,2022 16:54:28

Romania - Event 17135428 - Vrancea seismic zone

Tue May 17, 2022 13:54:28 GMT ML 3.0 N45.53 E26.56 Depth: 124.4km ID:17135428

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 17135428 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

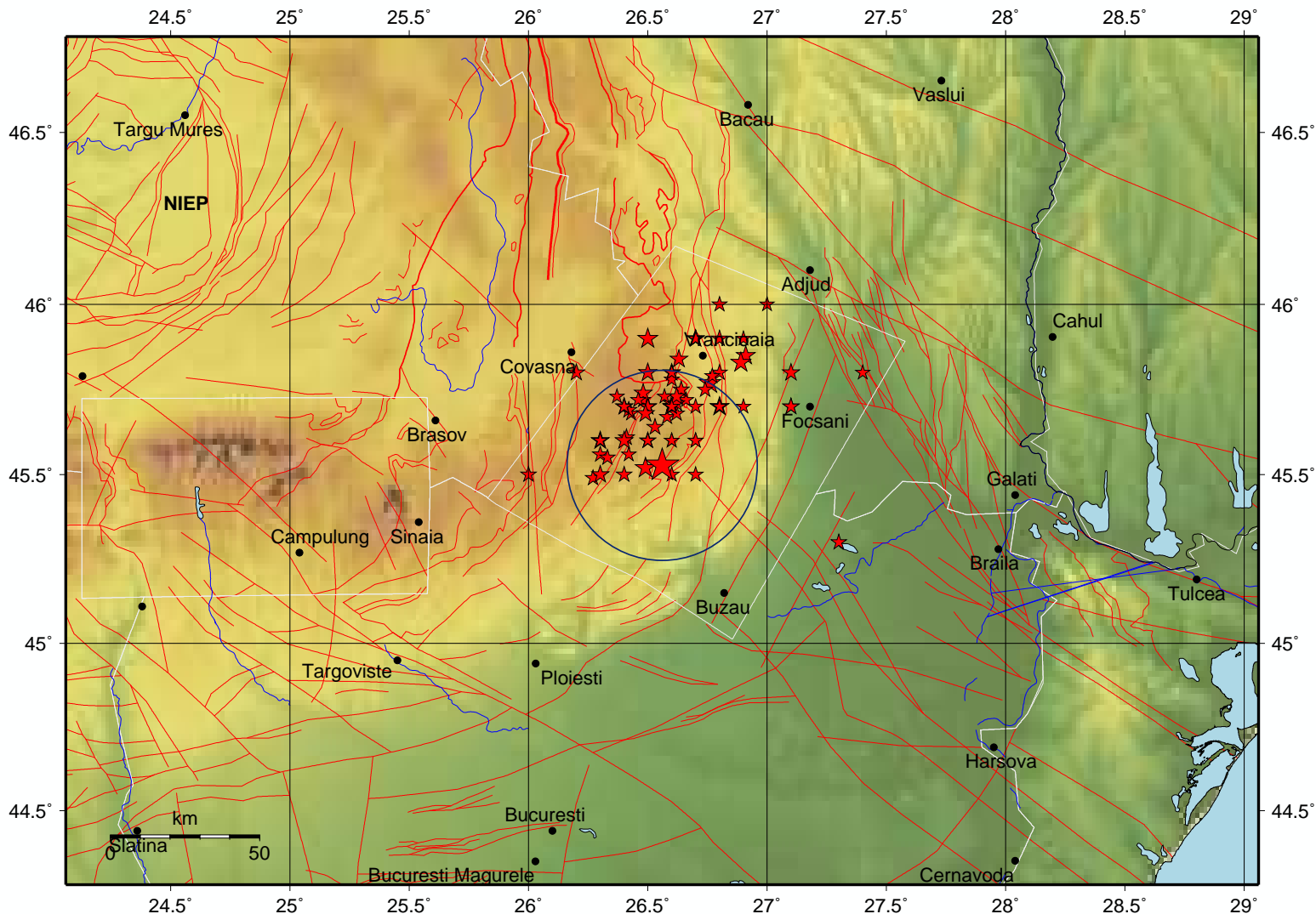
Max. grid values – pga: 0.29(cm/sec**) pgv: 0.00(cm/sec) mi: 1.6

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Local time

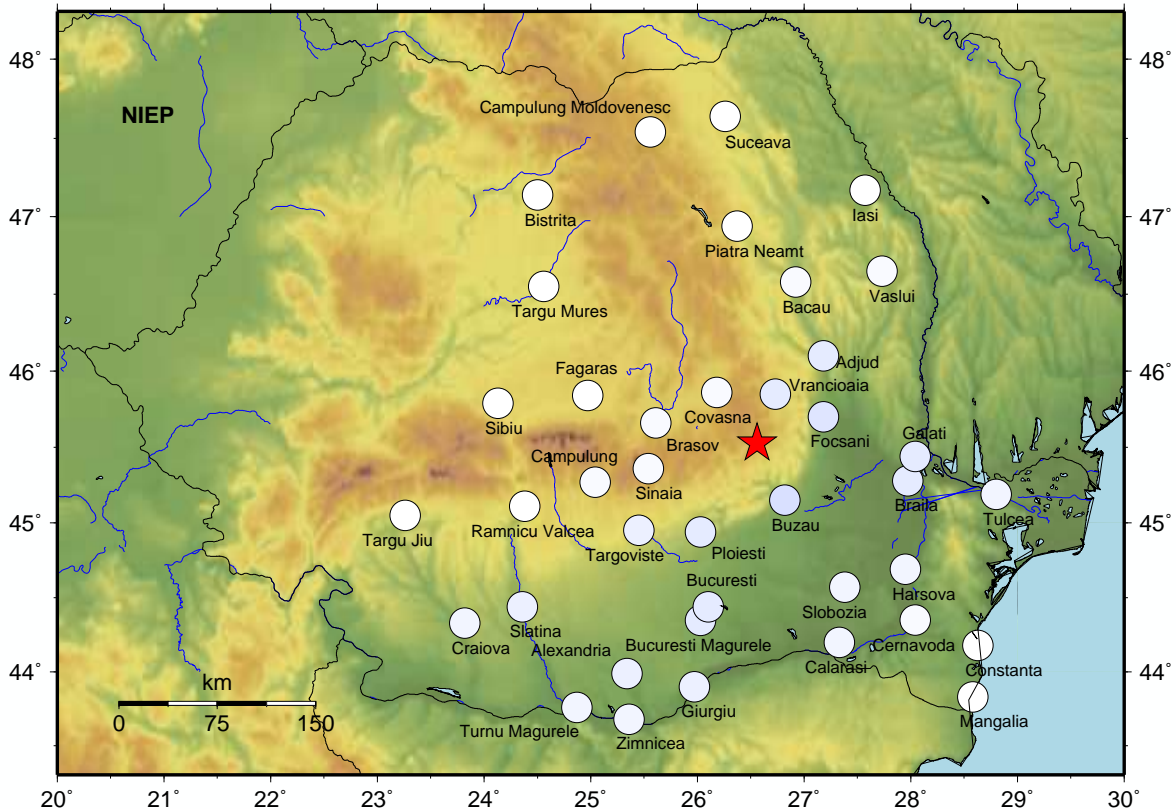
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancioaia	38
Buzau	46
Covasna	47
Focsani	52
Brasov	75
Ploiesti	77
Adjud	79
Sinaia	81
Targoviste	108
Braila	113
Galati	116
Bacau	120
Campulung	122
Slobozia	124
Bucuresti	126
Fagaras	128
Bucuresti Magurele	137
Harsova	143
Vaslui	154
Piatra Neamt	157
Calarasi	159
Cernavoda	175
Ramnicu Valcea	177
Tulcea	179
Giurgiu	186
Sibiu	191
Targu Mures	192
Alexandria	196
Iasi	198
Slatina	211
Constanta	221
Zimnicea	226
Suceava	235
Campulung M.	236
Turnu Magurele	237
Bistrita	239
Mangalia	247
Craiova	253
Targu Jiu	264

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+

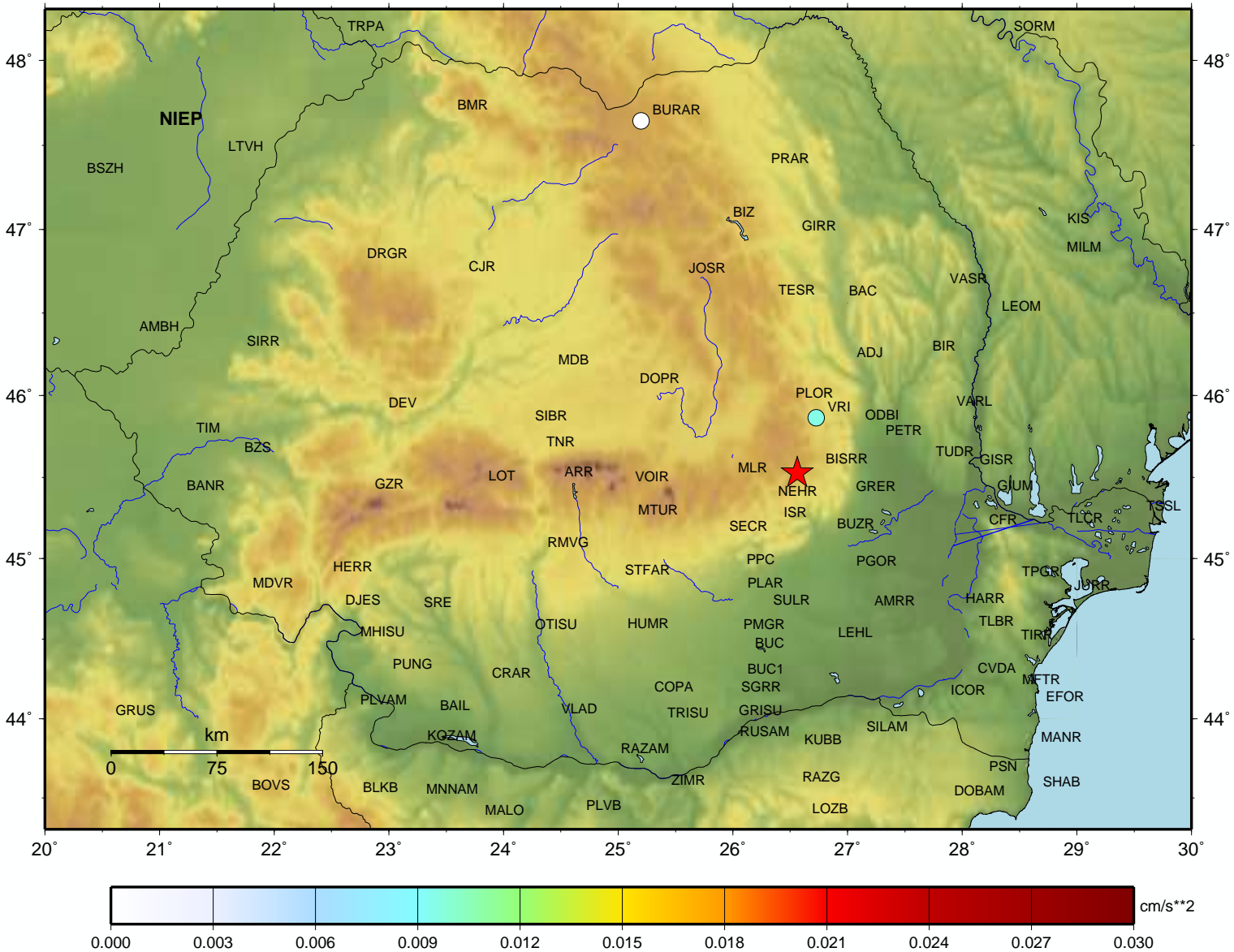
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)		
VRI	HNE	0.01
BURAR	BHE	0.00

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

Maximum observed acceleration: VRI_HNE -0.01

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: VLDR_HHN 0.00

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