



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Thu Jun 03,2021 22:36:48

Romania - Event 93193648 - Vrancea seismic zone

Thu Jun 3, 2021 19:36:48 GMT ML 3.0 N45.55 E26.35 Depth: 130.7km ID:93193648

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

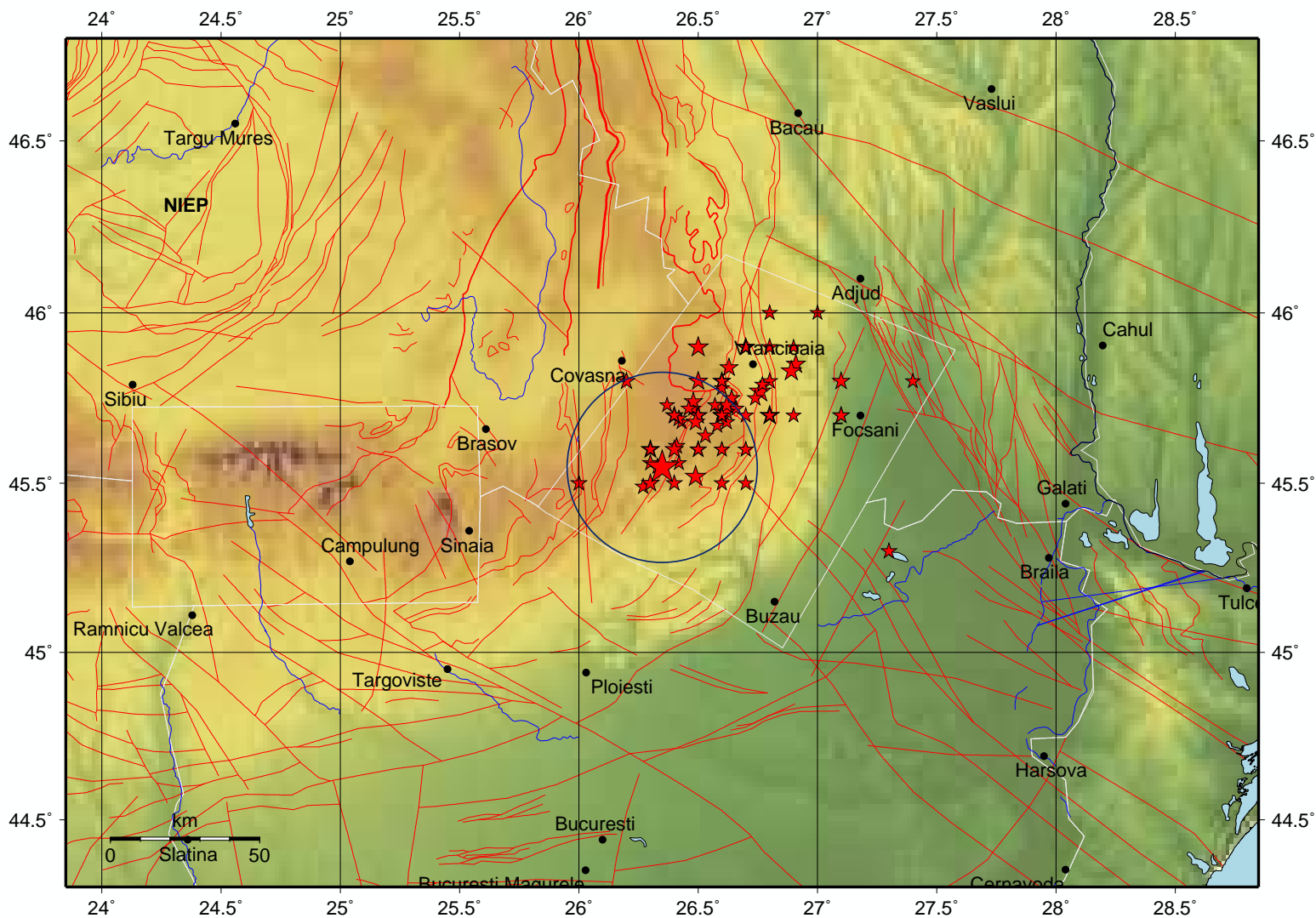
Max. grid values – pga: 0.29(cm/sec**) pgv: 0.00(cm/sec) mi: 1.6

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Local time

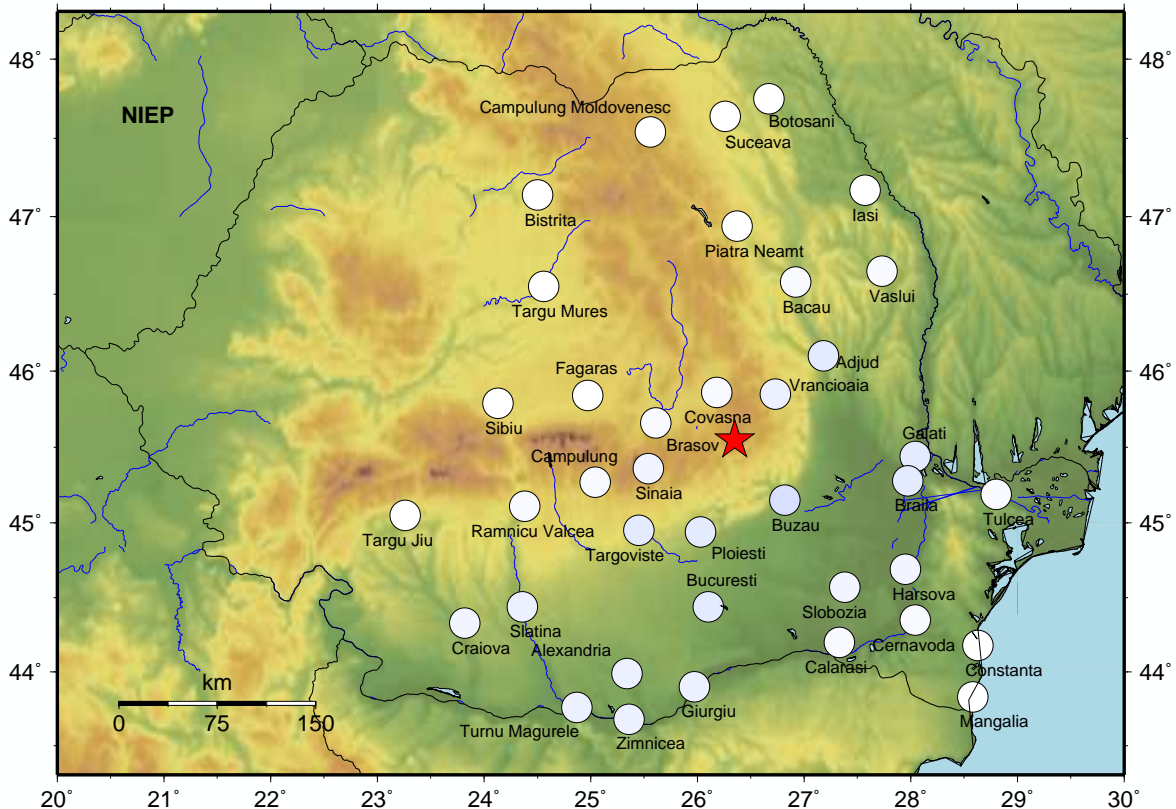
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Fault lines ———



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Covasna	37
Vranceaia	44
Buzau	57
Brasov	59
Sinaia	66
Ploiesti	71
Adjud	89
Targoviste	96
Campulung	107
Fagaras	112
Bacau	123
Bucuresti	124
Braila	130
Galati	132
Slobozia	135
Piatra Neamt	154
Harsova	157
Ramnicu Valcea	161
Vaslui	162
Calarasi	168
Sibiu	175
Targu Mures	177
Giurgiu	185
Cernavoda	188
Alexandria	190
Tulcea	196
Slatina	199
Iasi	203
Zimnicea	221
Bistrita	227
Campulung M.	229
Turnu Magurele	230
Suceava	232
Constanta	235
Craiova	241
Botosani	246
Targu Jiu	248
Mangalia	260

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+

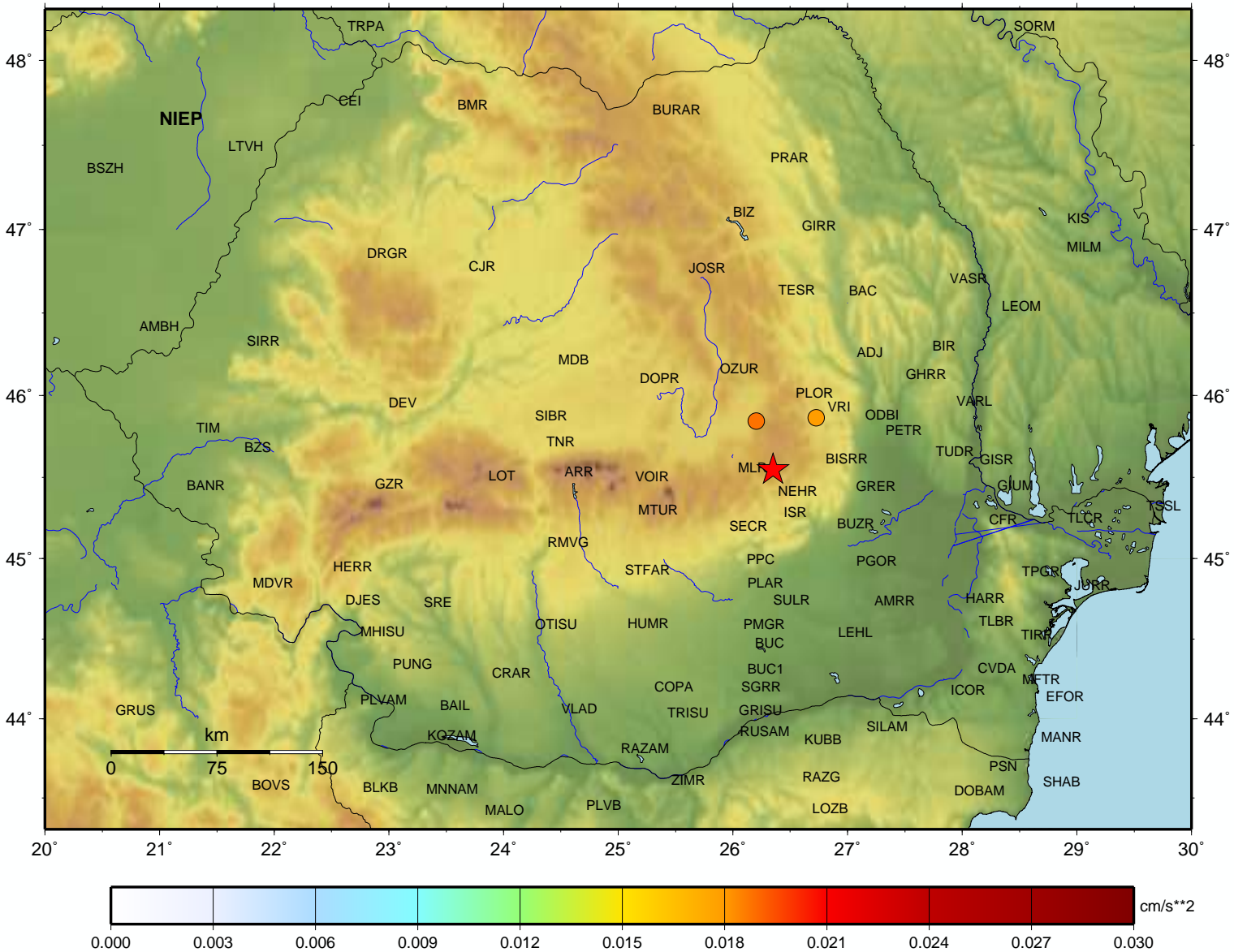
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)
 COVR HNN 0.02
 VRI HNE 0.02

Observed stations accelerations - Antelope platform (cm/sec2)**

Maximum observed acceleration: COVR_HNN 0.02

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BISRR_HHE 0.00

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