



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Feb 03,2021 00:02:49

Romania - Event 92220249 - Vrancea seismic zone

Tue Feb 2, 2021 22:02:49 GMT ML 3.0 N45.36 E26.24 Depth: 121.3km ID:92220249

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 92220249 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

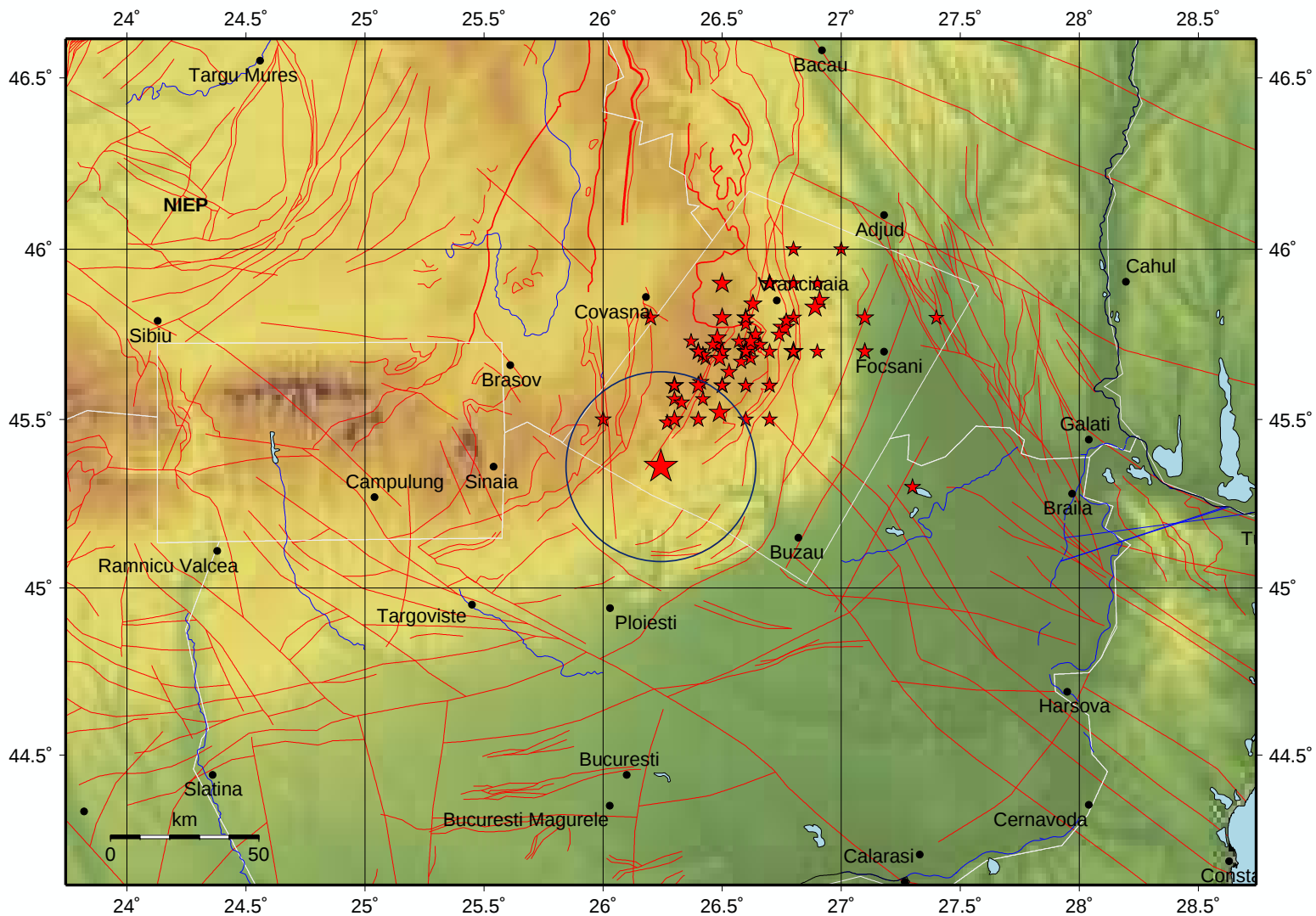
Max. grid values – pga: 0.29(cm/sec**) pgv: 0.00(cm/sec) mi: 1.6

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Local time

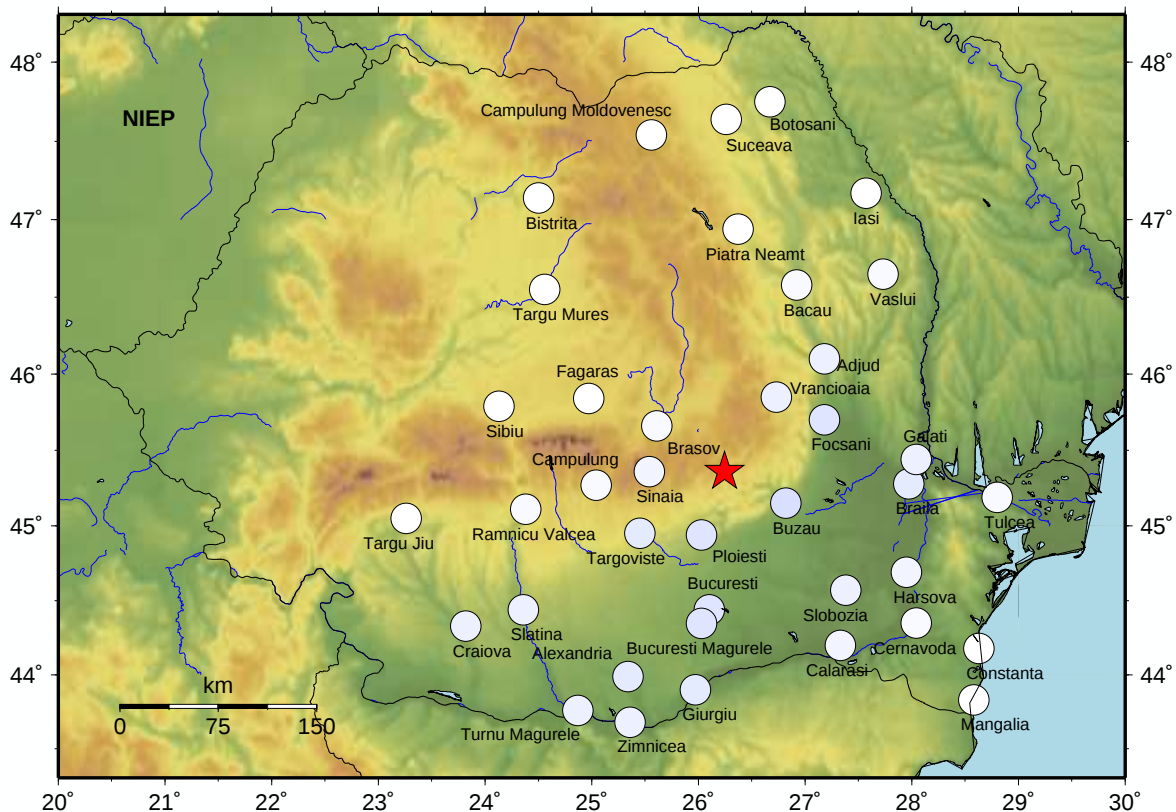
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Ploiesti	49
Buzau	50
Sinaia	55
Brasov	59
Vrancioaia	66
Targoviste	77
Focsani	82
Campulung	94
Bucuresti	102
Adjud	109
Fagaras	112
Bucuresti Magurele	113
Slobozia	125
Braila	135
Galati	140
Bacau	145
Ramnicu Valcea	148
Harsova	153
Calarasi	155
Giurgiu	163
Alexandria	168
Sibiu	171
Piatra Neamt	175
Slatina	180
Cernavoda	181
Vaslui	183
Targu Mures	185
Zimnicea	199
Tulcea	201
Turnu Magurele	208
Craiova	223
Iasi	225
Constanta	230
Targu Jiu	236
Bistrita	239
Campulung M.	247
Mangalia	251
Suceava	253
Botosani	267

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+

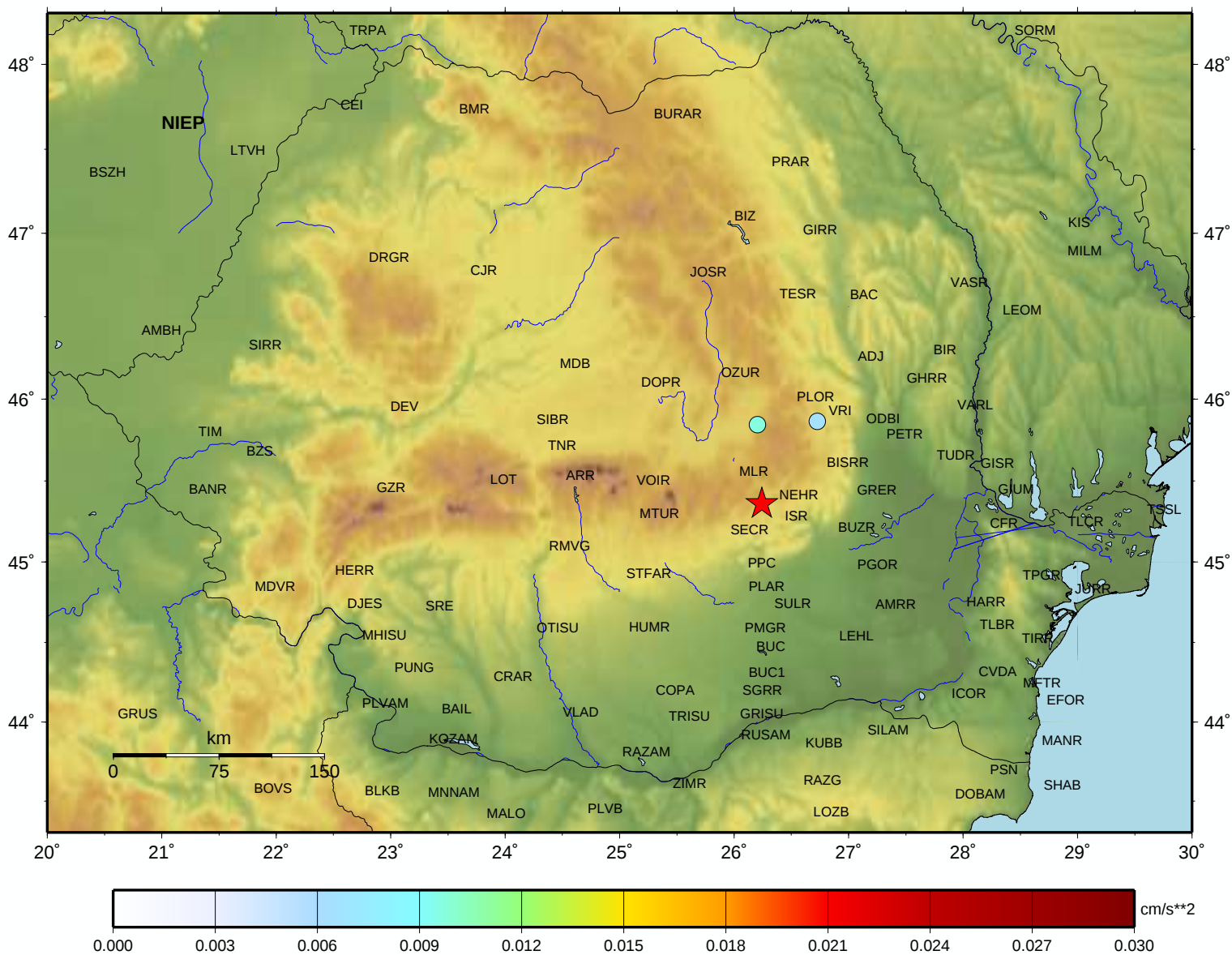
- Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)		
COVR	HNN	0.01
VRI	HNE	0.01

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

Maximum observed acceleration: COVR HNN 0.01

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Maximum observed velocity: BIR_HHN 0.00

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