



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Mar 03,2021 04:01:10

Romania - Event 93020110 - Vrancea seismic zone

Wed Mar 3, 2021 02:01:10 GMT ML 3.0 N45.58 E26.48 Depth: 142.9km ID:93020110

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 93020110 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

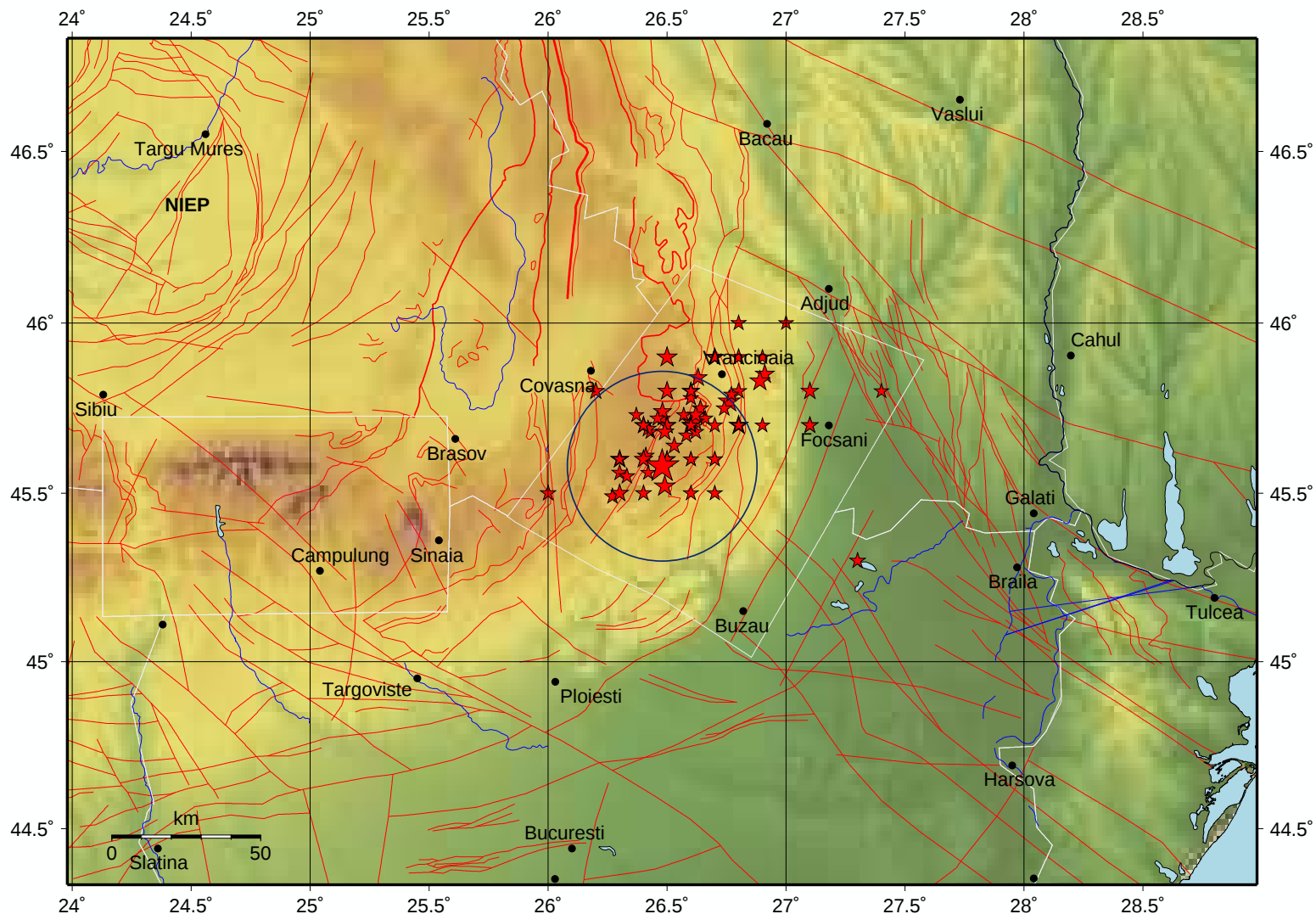
Max. grid values – pga: 0.20(cm/sec**) pgv: 0.00(cm/sec) mi: 1.6

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Local time

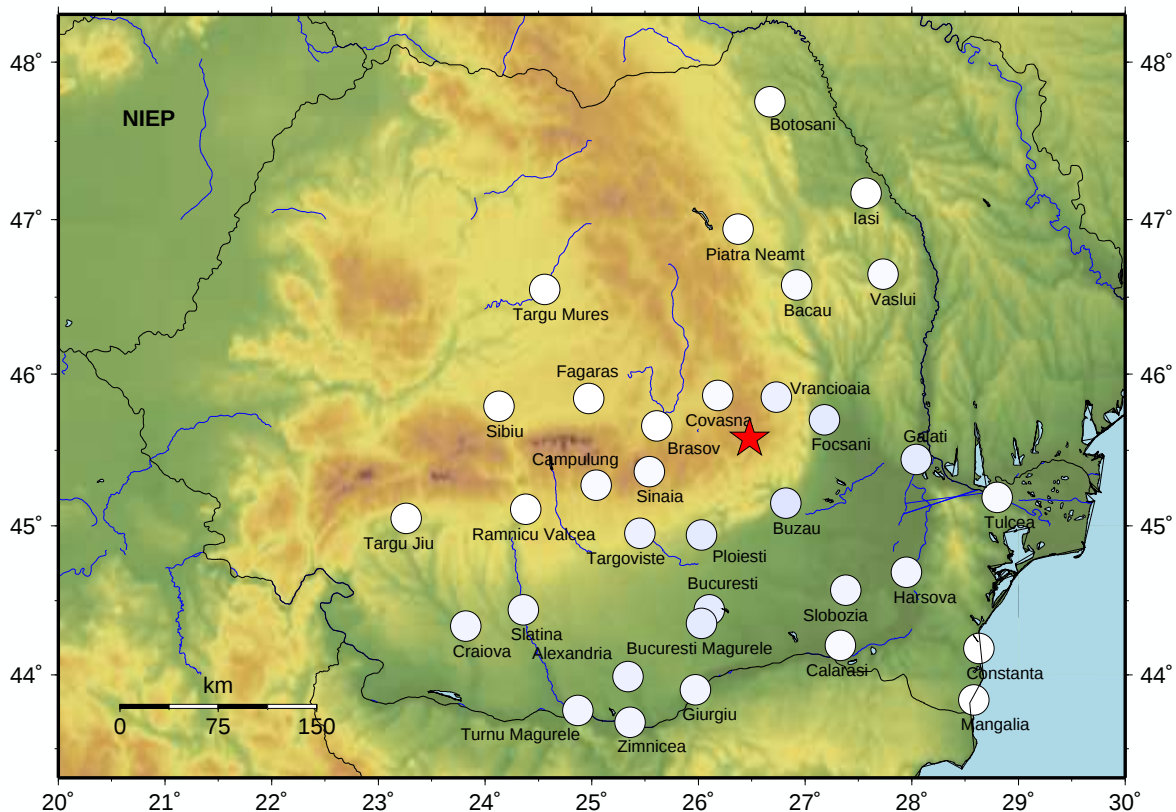
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	35
Covasna	38
Buzau	54
Focsani	56
Brasov	68
Sinaia	77
Ploiesti	79
Targoviste	106
Bacau	116
Campulung	117
Fagaras	121
Galati	122
Bucuresti	130
Slobozia	132
Bucuresti Magurele	141
Piatra Neamt	151
Harsova	152
Vaslui	153
Calarasi	167
Ramnicu Valcea	172
Targu Mures	183
Sibiu	184
Tulcea	186
Giurgiu	190
Iasi	195
Alexandria	198
Slatina	209
Zimnicea	229
Constanta	230
Turnu Magurele	239
Botosani	241
Craiova	251
Mangalia	255
Targu Jiu	259

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+

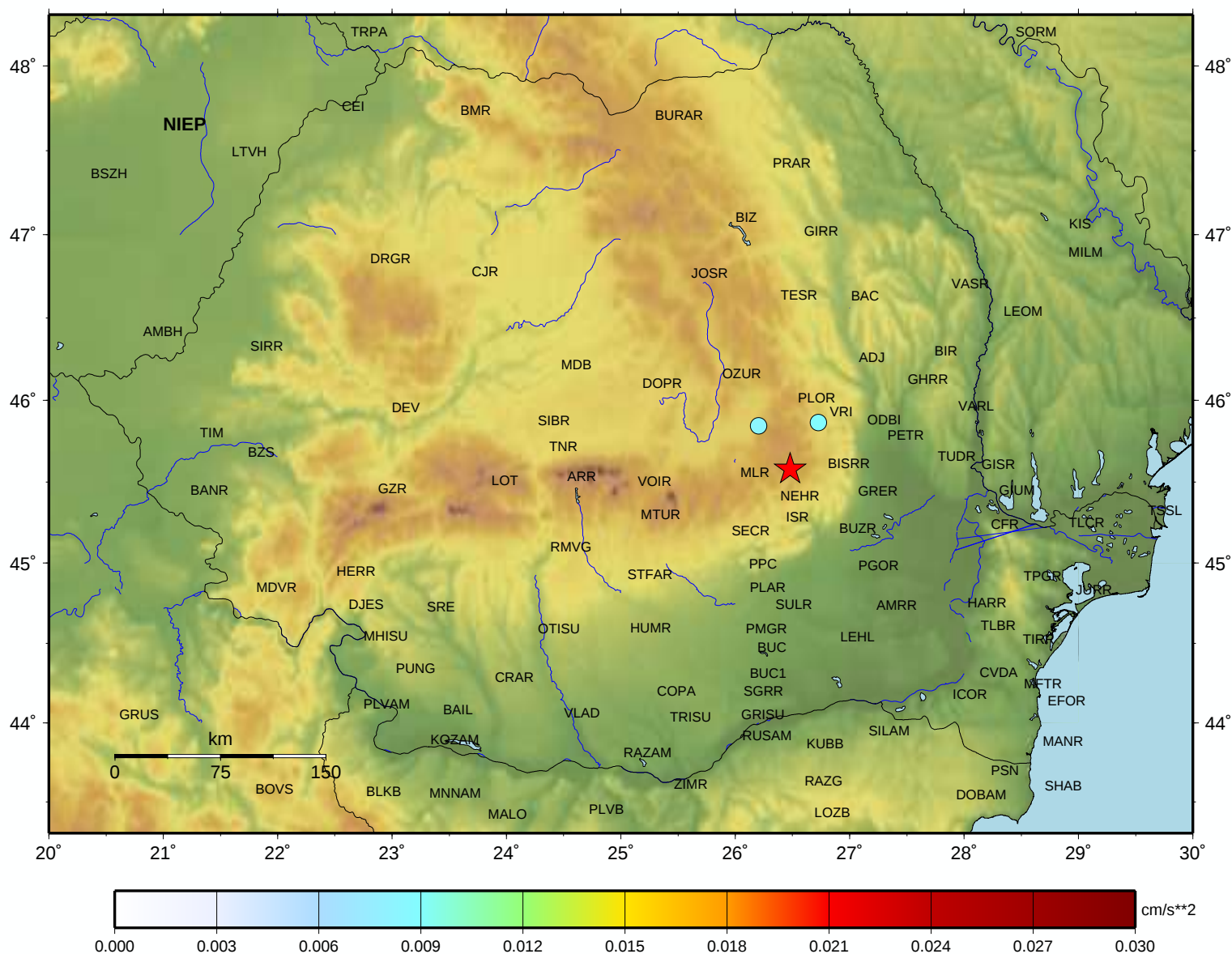
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

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

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

Maximum observed acceleration: VRI HNE 0.01

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Maximum observed velocity: BIR_HHN 0.00
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