



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sun Oct 25,2020 03:26:32

Romania - Event 25012632 - Vrancea seismic zone

Sun Oct 25, 2020 01:26:32 GMT ML 3.4 N45.59 E26.43 Depth: 145.4km ID:25012632

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 25012632 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

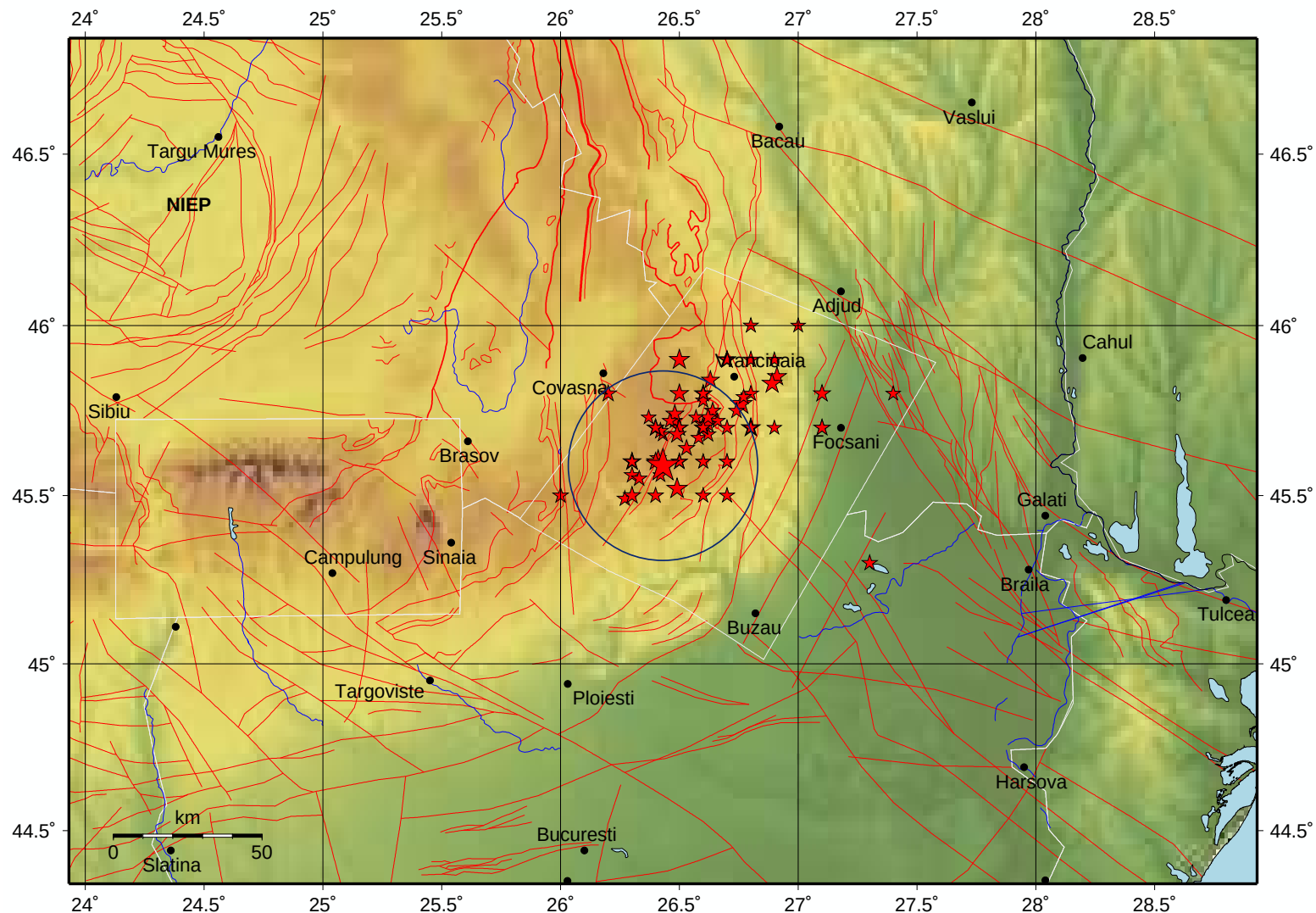
Max. grid values – pga: 0.49(cm/sec**) pgv: 0.00(cm/sec) mi: 1.9

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Local time

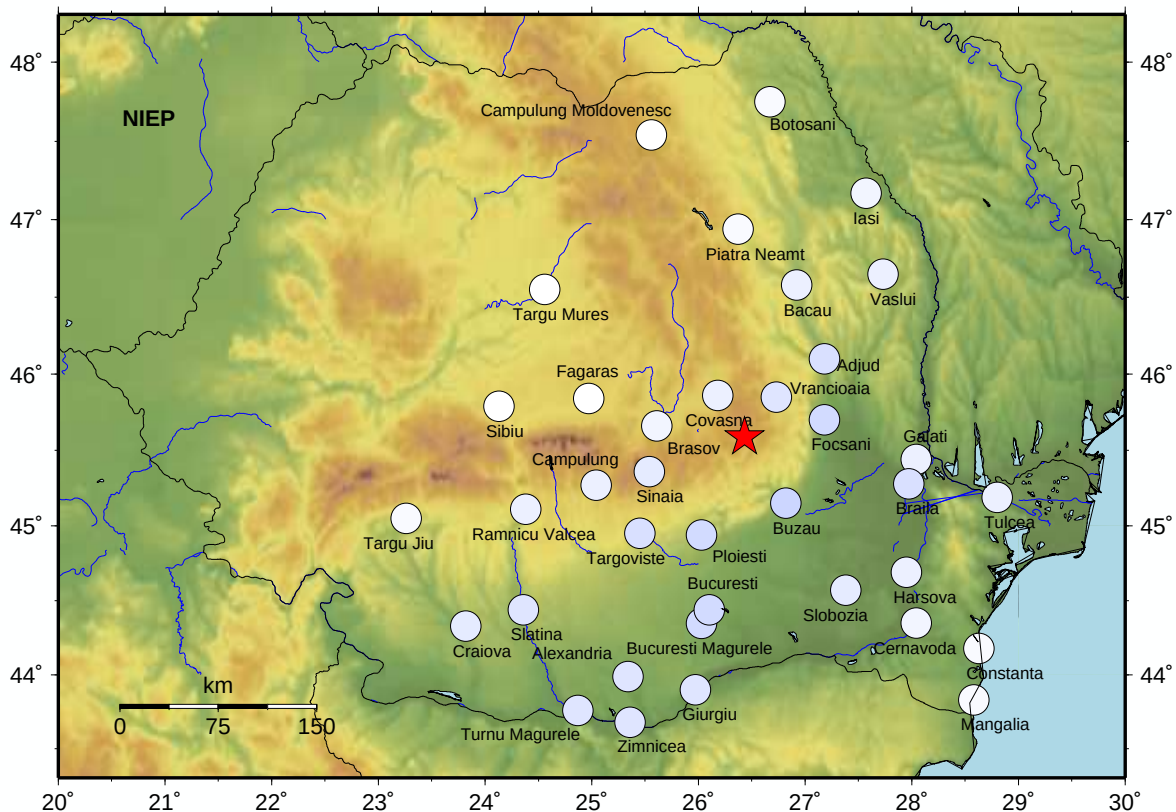
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Covasna	35
Vrancioaia	37
Buzau	57
Focsani	59
Brasov	64
Sinaia	74
Ploiesti	78
Adjud	81
Targoviste	104
Campulung	114
Bacau	116
Fagaras	117
Braila	125
Galati	126
Bucuresti	130
Slobozia	135
Bucuresti Magurele	141
Piatra Neamt	150
Vaslui	154
Harsova	155
Ramnicu Valcea	169
Targu Mures	179
Sibiu	180
Cernavoda	187
Tulcea	190
Giurgiu	191
Iasi	196
Alexandria	197
Slatina	207
Campulung M.	227
Zimnicea	228
Constanta	233
Turnu Magurele	237
Botosani	241
Craiova	248
Targu Jiu	255
Mangalia	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+

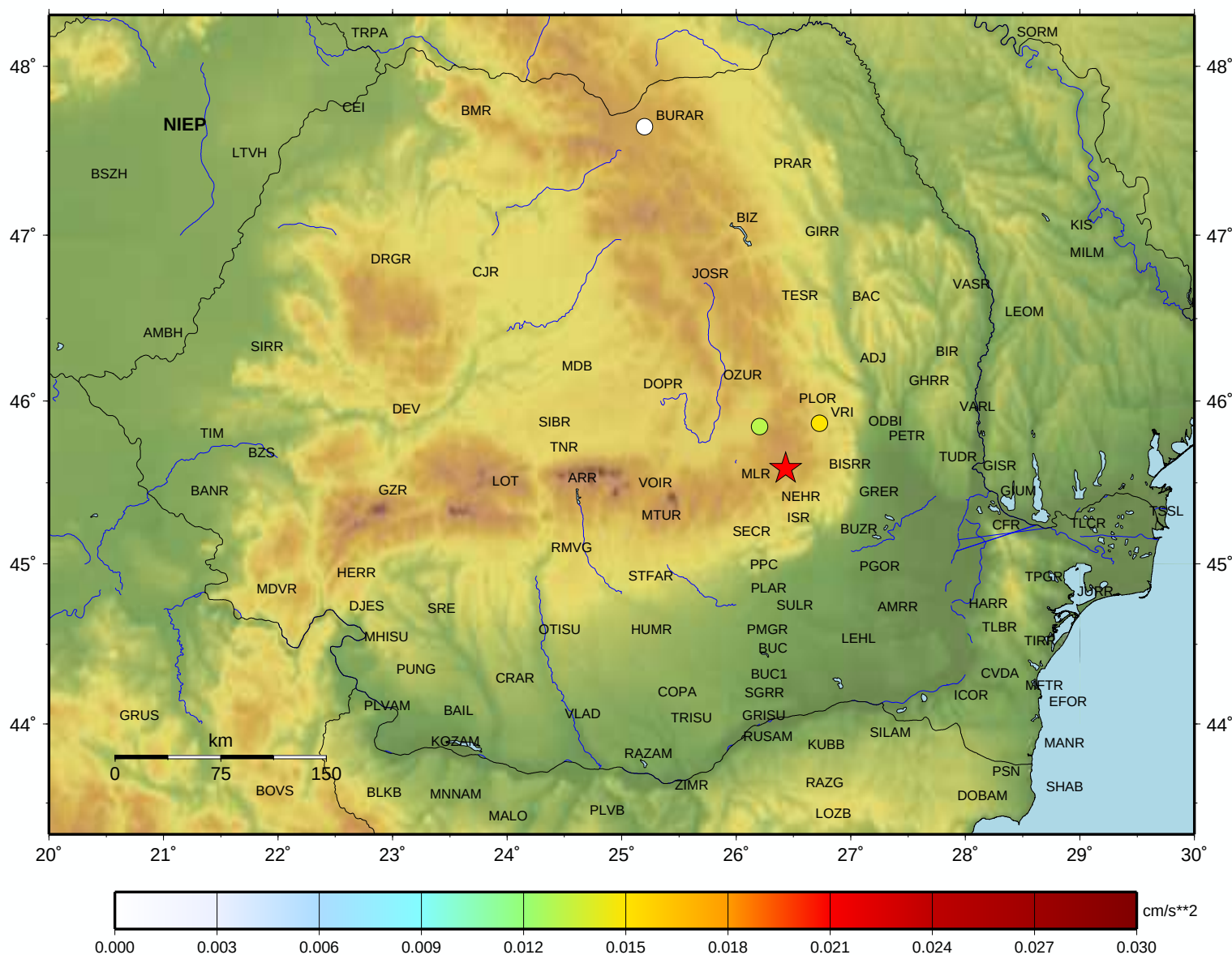
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

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

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

Maximum observed acceleration: VRI_HNE 0.01

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Maximum observed velocity: GHRR_HHE 0.00

