



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Tue Sep 29,2020 07:35:11

Romania - Event 29043511 - Vrancea seismic zone

Tue Sep 29, 2020 04:35:11 GMT ML 3.2 N45.44 E26.28 Depth: 129.1km ID:29043511

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 29043511 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

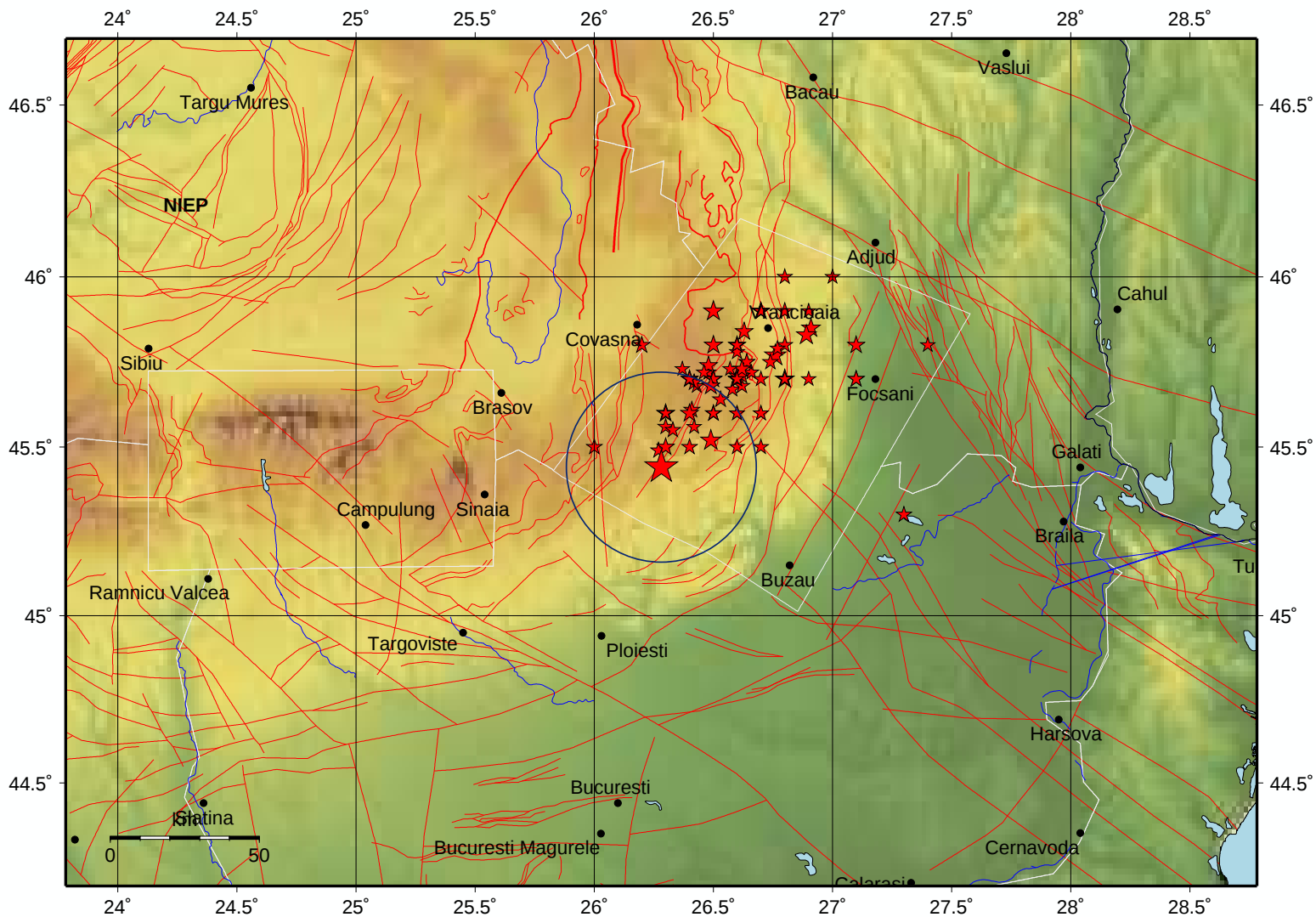
Max. grid values – pga: 0.39(cm/sec**) pgv: 0.00(cm/sec) mi: 1.7

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Local time

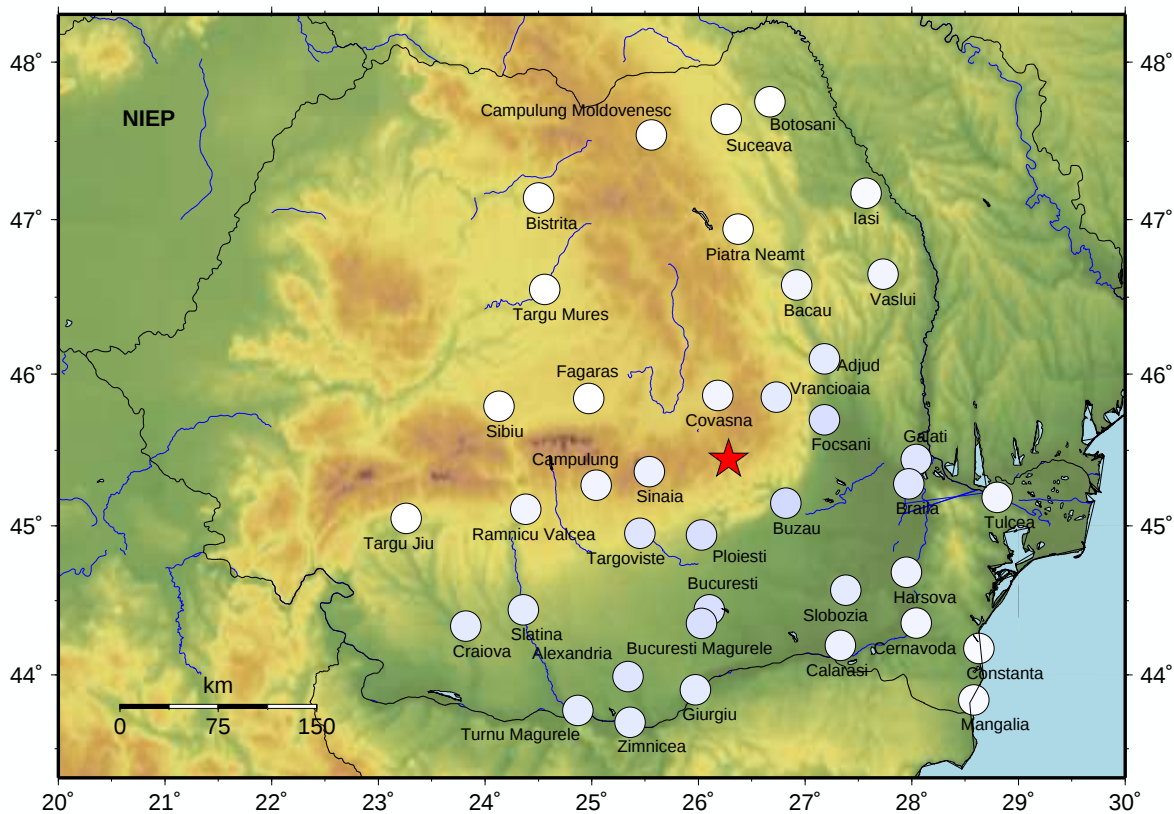
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Covasna	47
Buzau	53
Vrancea	57
Sinaia	58
Ploiesti	59
Focsani	75
Targoviste	85
Campulung	99
Adjud	101
Fagaras	111
Bucuresti	112
Bucuresti Magurele	123
Slobozia	129
Braila	133
Bacau	135
Galati	137
Ramnicu Valcea	153
Harsova	155
Calarasi	160
Piatra Neamt	166
Sibiu	172
Giurgiu	173
Vaslui	174
Alexandria	177
Targu Mures	181
Cernavoda	184
Slatina	188
Tulcea	199
Zimnicea	208
Iasi	216
Turnu Magurele	217
Craiova	230
Constanta	232
Bistrita	233
Campulung M.	239
Targu Jiu	241
Suceava	244
Mangalia	255
Botosani	258

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+

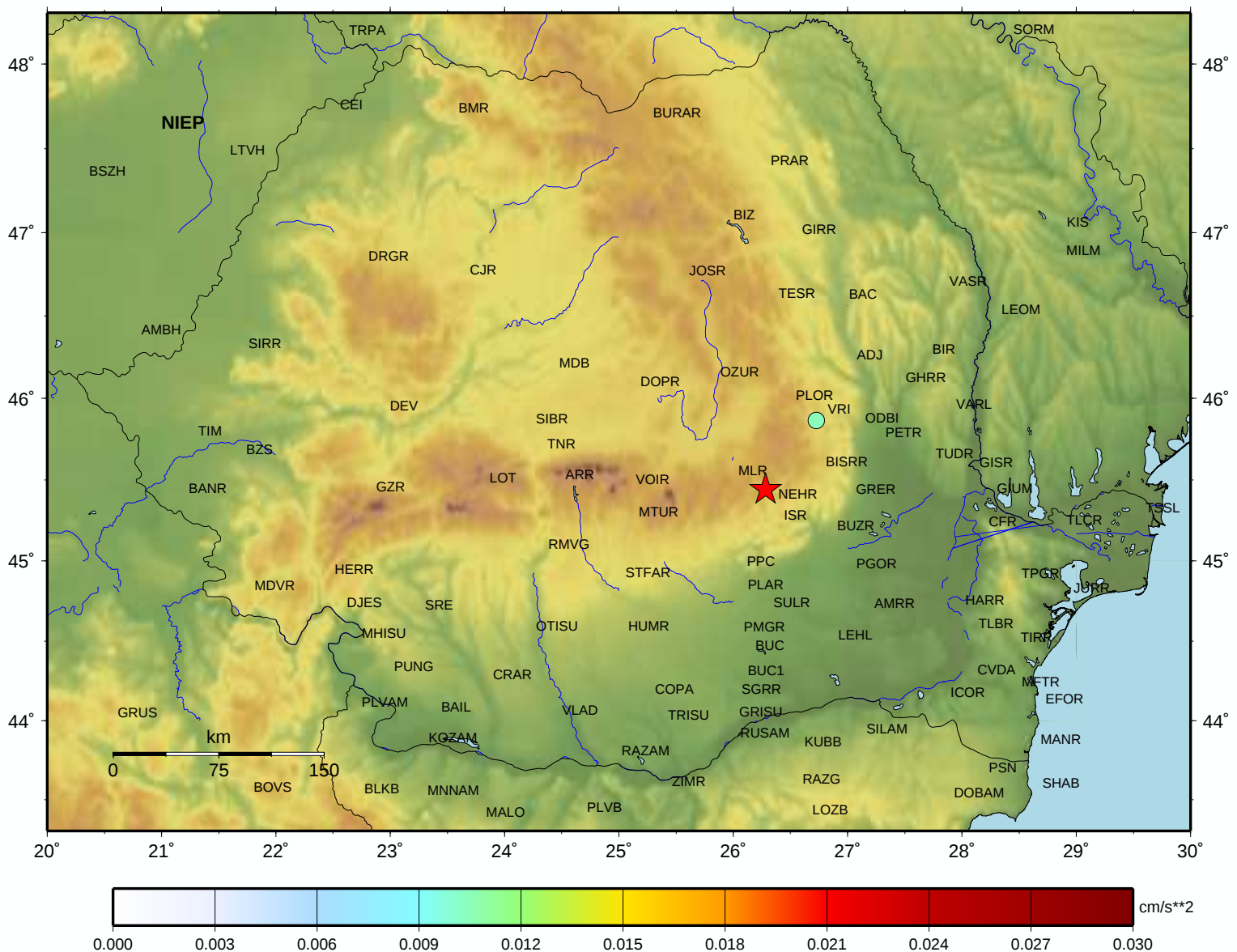
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

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

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: MLR_HHE 0.01

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