



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sun Mar 07,2021 09:22:55

Romania - Event 97072255 - Vrancea seismic zone

Sun Mar 7, 2021 07:22:55 GMT ML 3.0 N45.79 E26.72 Depth: 81.5km ID:97072255

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

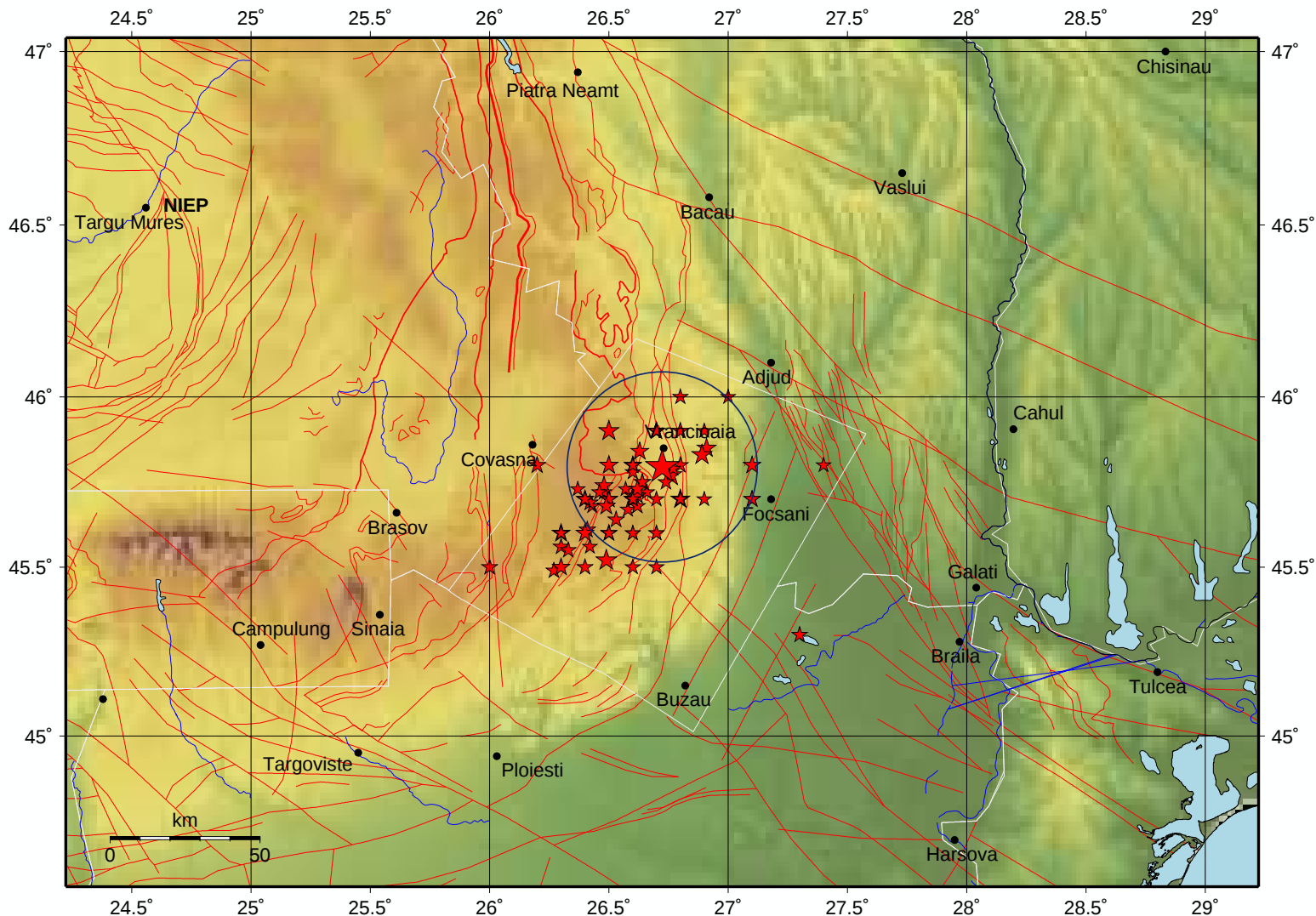
Max. grid values – pga: 0.69(cm/sec**) pgv: 0.00(cm/sec) mi: 1.7

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Local time

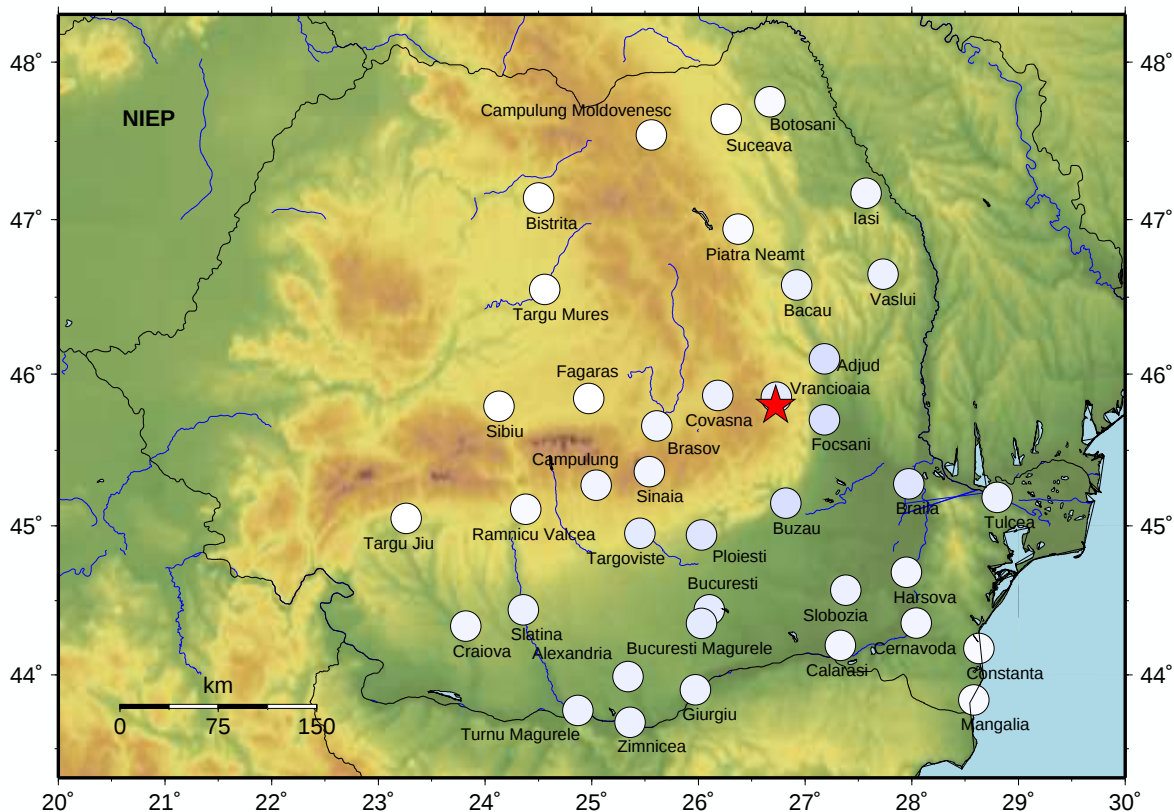
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	6
Focsani	37
Covasna	42
Adjud	49
Buzau	72
Brasov	87
Bacau	88
Sinaia	104
Ploiesti	109
Braila	112
Vaslui	122
Piatra Neamt	130
Fagaras	136
Targoviste	137
Campulung	143
Slobozia	145
Harsova	156
Bucuresti	158
Iasi	166
Bucuresti Magurele	169
Tulcea	175
Calarasi	183
Targu Mures	186
Cernavoda	191
Ramnicu Valcea	198
Sibiu	201
Suceava	208
Campulung M.	213
Botosani	217
Giurgiu	218
Bistrita	227
Alexandria	228
Constanta	234
Slatina	239
Zimnicea	258
Mangalia	263
Turnu Magurele	269
Craiova	280
Targu Jiu	283

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+

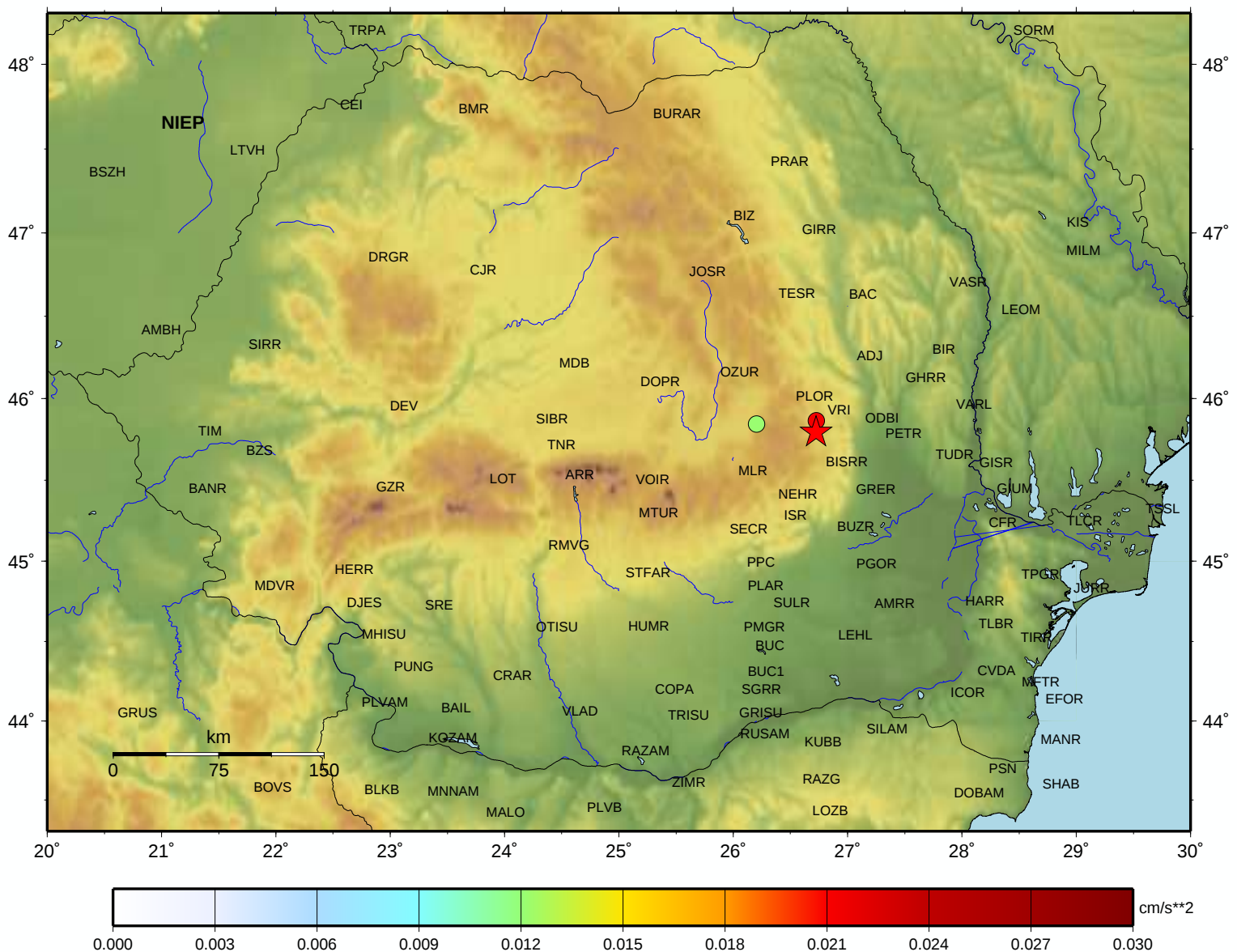
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max.	pga(cm/sec**2)	
VRI	HNE	0.02
COVR	HNN	0.01

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

Maximum observed acceleration: VRI_HNE -0.02

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Maximum observed velocity: PANC_HHN 0.00

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