



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Thu Jun 17,2021 05:25:34

Romania - Event 17022534 - Vrancea seismic zone

Thu Jun 17, 2021 02:25:34 GMT ML 3.0 N45.76 E26.69 Depth: 81.0km ID:17022534

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 17022534 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

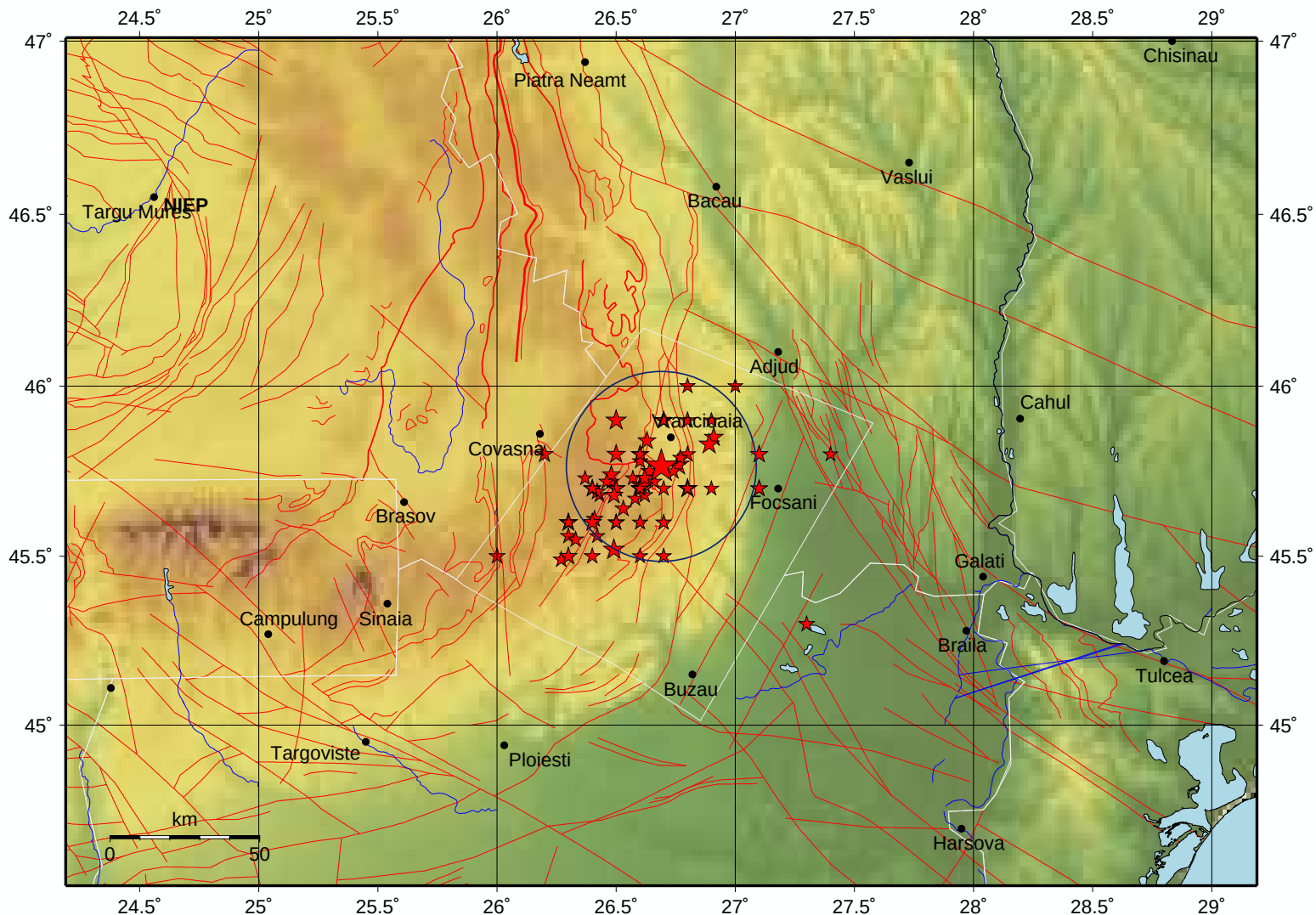
Max. grid values – pga: 0.78(cm/sec**) pgv: 0.00(cm/sec) mi: 1.7

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Local time

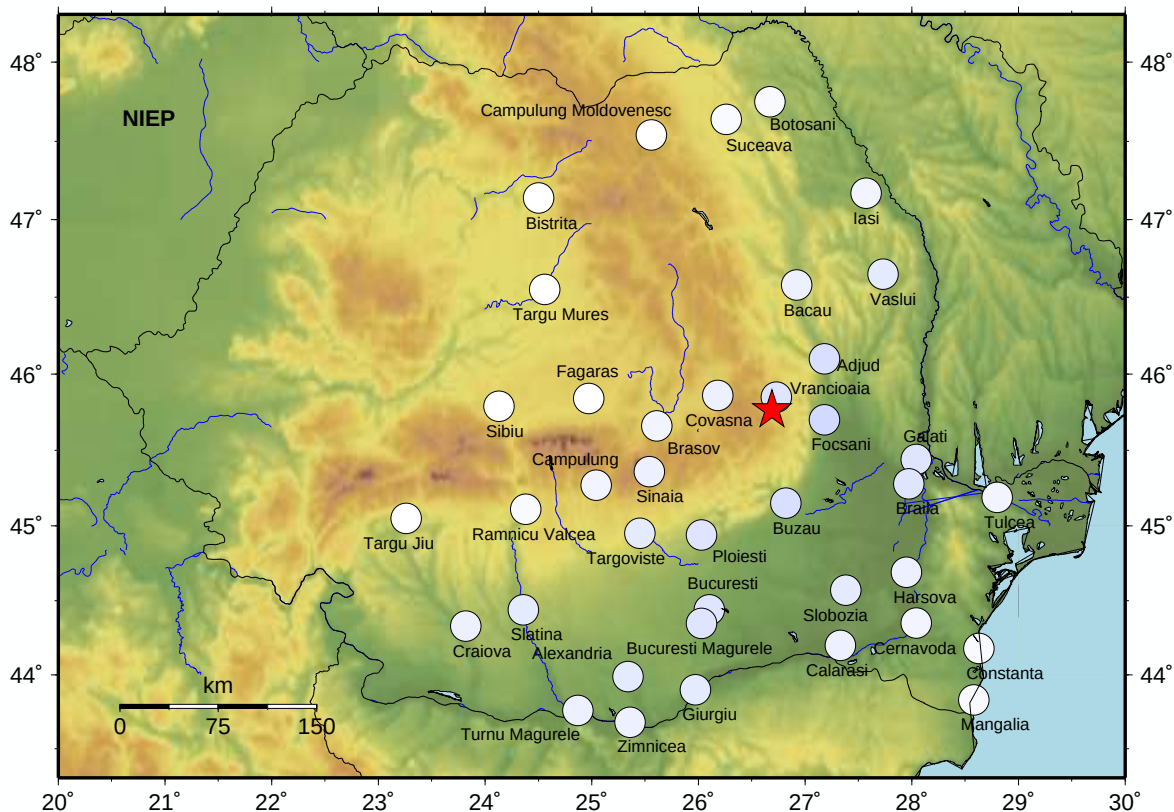
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	9
Focsani	38
Covasna	41
Adjud	53
Buzau	69
Brasov	84
Bacau	92
Sinaia	100
Ploiesti	105
Galati	111
Braila	113
Vaslui	127
Targoviste	132
Fagaras	133
Campulung	140
Slobozia	143
Bucuresti	154
Harsova	155
Bucuresti Magurele	165
Iasi	170
Tulcea	176
Calarasi	181
Targu Mures	186
Cernavoda	189
Ramnicu Valcea	194
Sibiu	199
Suceava	211
Giurgiu	214
Campulung M.	215
Botosani	220
Alexandria	224
Bistrita	227
Constanta	233
Slatina	235
Zimnicea	254
Mangalia	261
Turnu Magurele	265
Craiova	276
Targu Jiu	280

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+

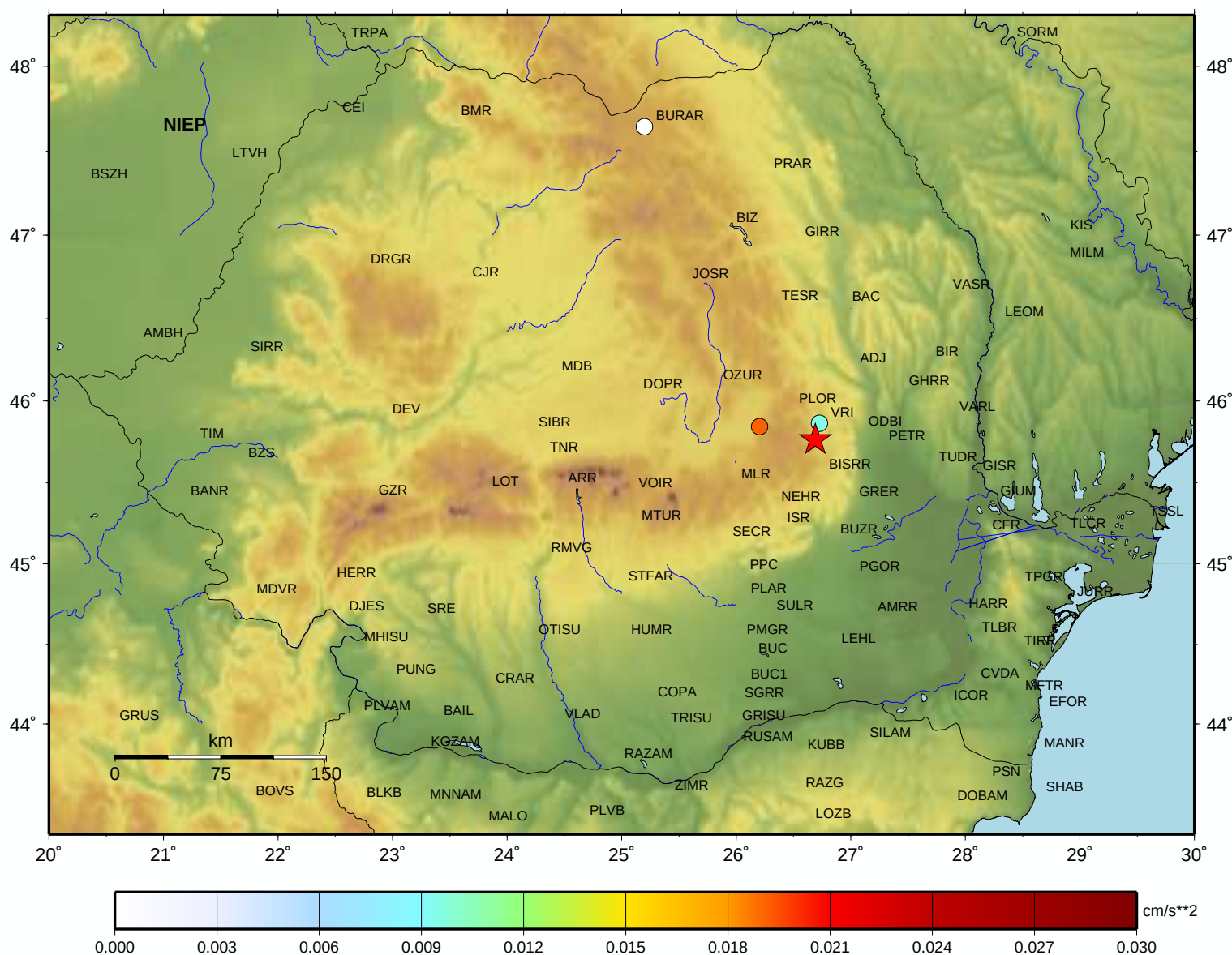
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
COVR	HNE	0.02
VRI	HNE	0.01
BURAR	BHE	0.00

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

Maximum observed acceleration: COVR_HNE -0.02

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: OZUR_HHE 0.00

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