



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Thu Jun 17,2021 10:02:55

Romania - Event 17070255 - Vrancea seismic zone

Thu Jun 17, 2021 07:02:55 GMT ML 3.3 N45.75 E26.73 Depth: 90.1km ID:17070255

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

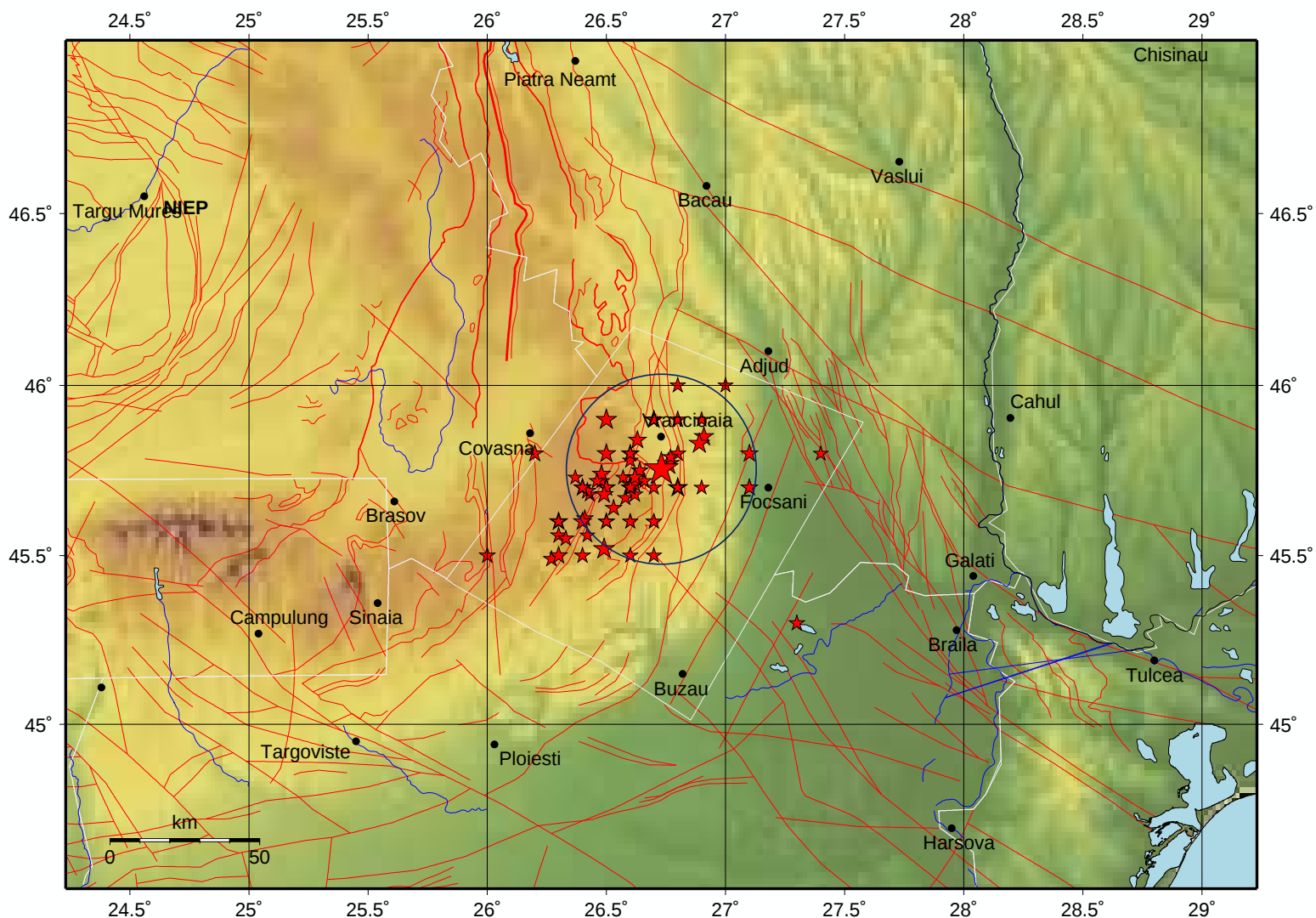
Max. grid values – pga: 1.08(cm/sec**) pgv: 0.00(cm/sec) mi: 1.9

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Local time

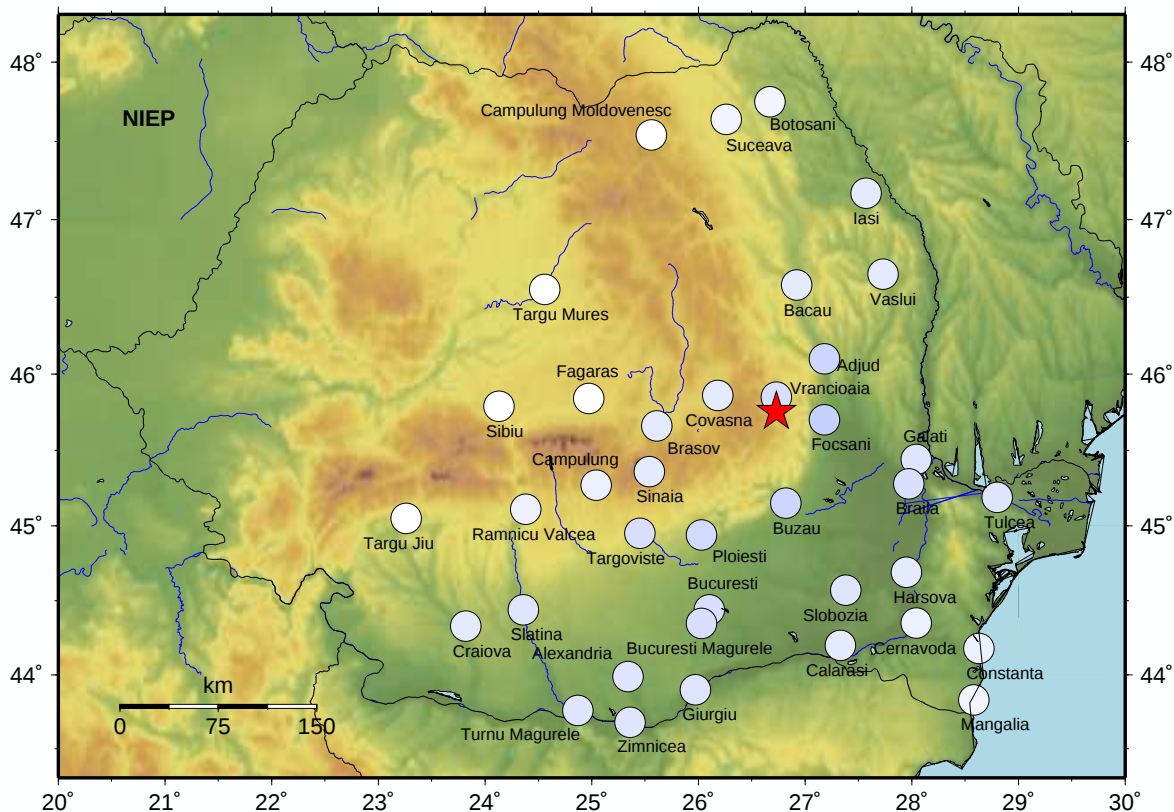
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	10
Focsani	35
Covasna	44
Adjud	51
Buzau	67
Brasov	87
Bacau	92
Sinaia	102
Ploiesti	105
Galati	107
Braila	110
Vaslui	125
Targoviste	134
Fagaras	137
Slobozia	141
Campulung	142
Harsova	152
Bucuresti	154
Bucuresti Magurele	165
Iasi	170
Tulcea	173
Calarasi	179
Cernavoda	187
Targu Mures	189
Ramnicu Valcea	197
Sibiu	202
Suceava	212
Giurgiu	214
Campulung M.	217
Botosani	221
Alexandria	224
Constanta	230
Slatina	236
Zimnicea	254
Mangalia	259
Turnu Magurele	266
Craiova	278
Targu Jiu	282

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+

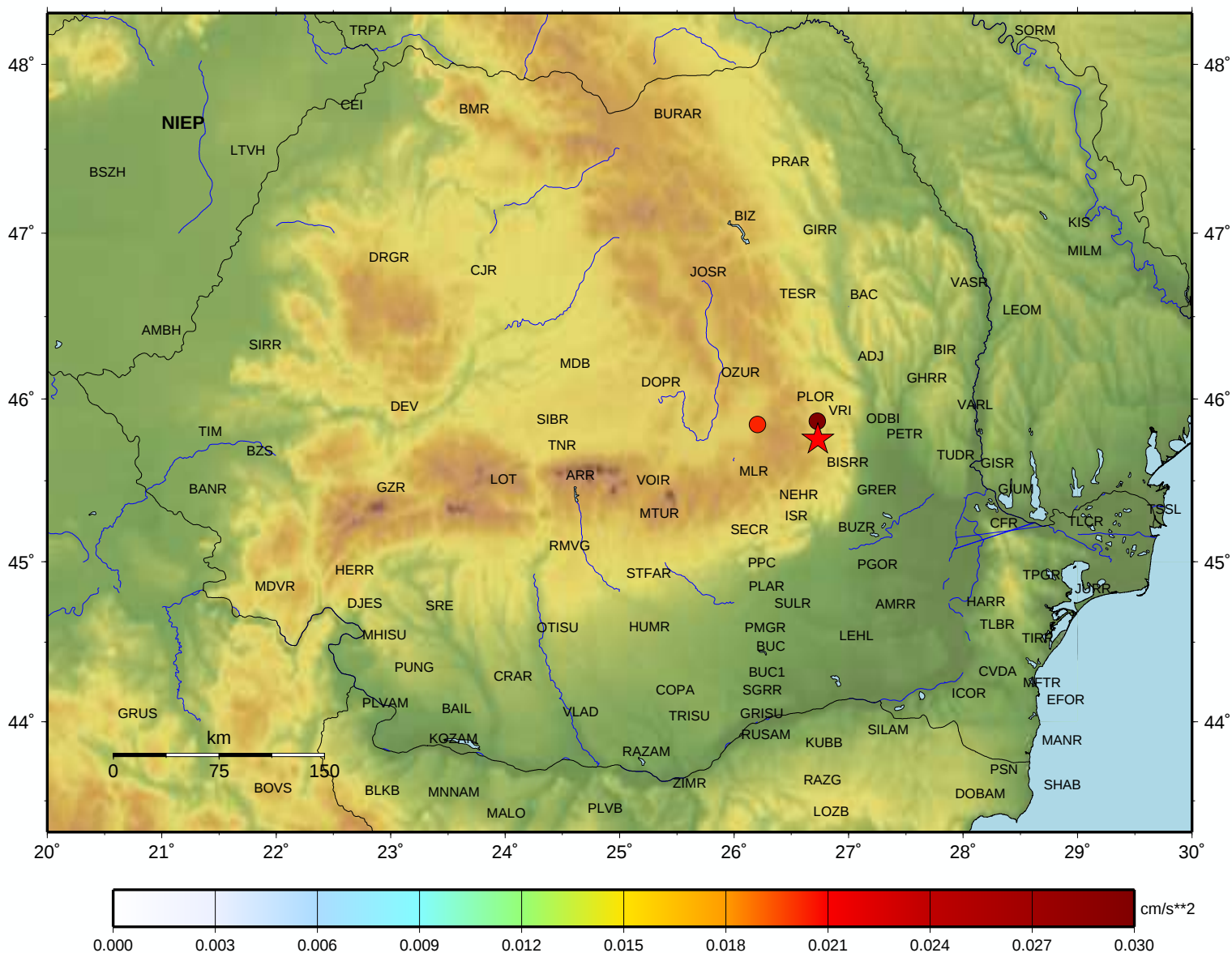
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)		
VRI	HNE	0.03
COVR	HNN	0.02

Observed stations accelerations – Antelope platform (cm/sec2)**

Maximum observed acceleration: VRI HNE -0.03

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: SAHR_HHE 0.00

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