



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Feb 03,2021 02:52:58

Romania - Event 93005258 - Vrancea seismic zone

Wed Feb 3, 2021 00:52:58 GMT ML 3.8 N45.77 E26.69 Depth: 106.3km ID:93005258

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 93005258 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

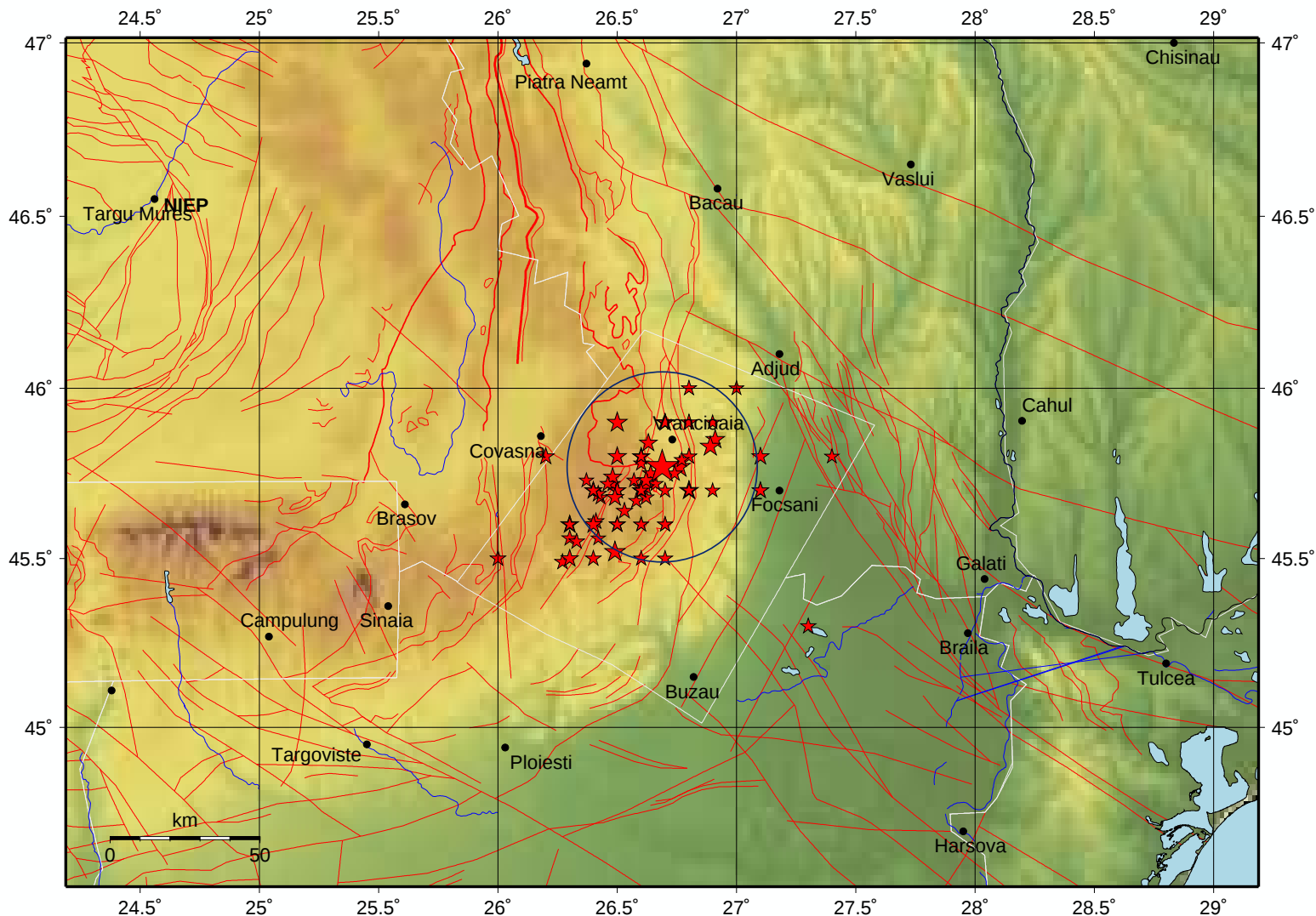
Max. grid values – pga: 2.16(cm/sec**) pgv: 0.01(cm/sec) mi: 2.4

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Local time

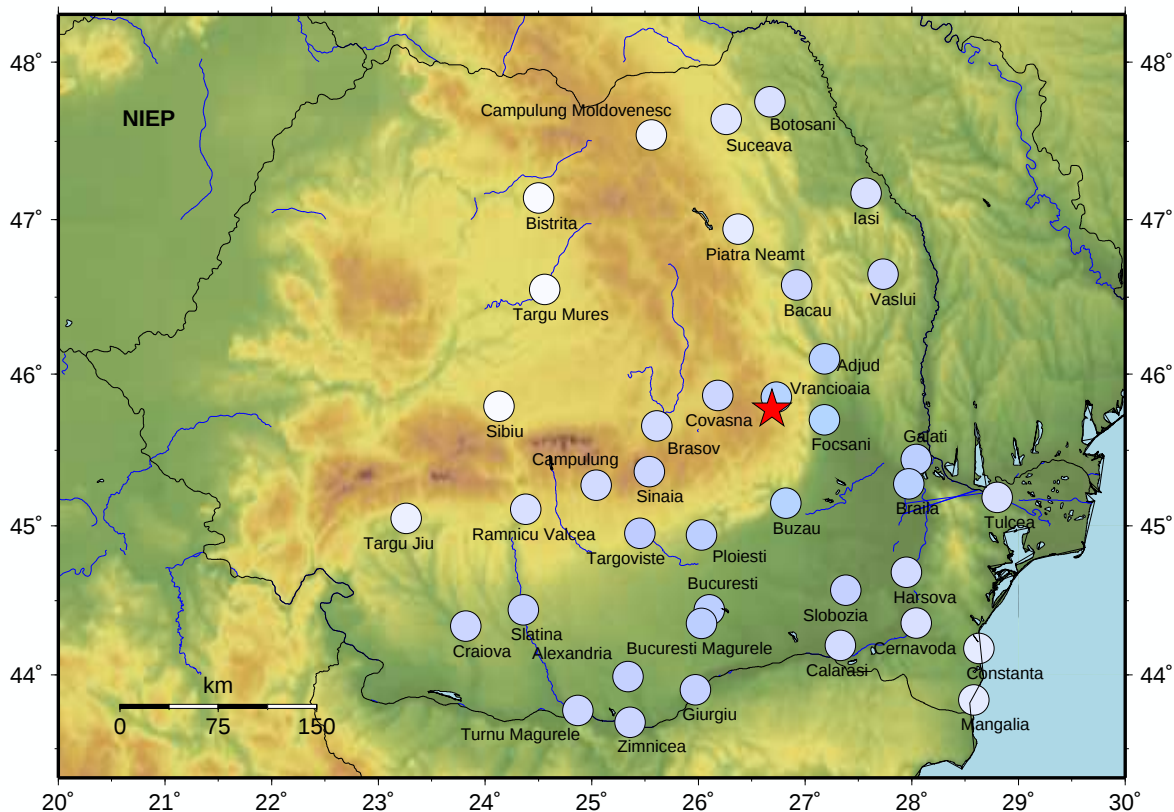
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	9
Focsani	39
Covasna	40
Adjud	52
Buzau	69
Brasov	84
Bacau	91
Sinaia	100
Ploiesti	105
Galati	111
Braila	113
Vaslui	126
Piatra Neamt	132
Targoviste	133
Campulung	140
Slobozia	144
Bucuresti	154
Harsova	155
Bucuresti Magurele	166
Iasi	169
Tulcea	177
Calarasi	181
Targu Mures	185
Cernavoda	190
Ramnicu Valcea	194
Sibiu	198
Suceava	210
Campulung M.	214
Giurgiu	215
Botosani	220
Alexandria	224
Bistrita	226
Constanta	233
Slatina	235
Zimnicea	254
Mangalia	262
Turnu Magurele	265
Craiova	276
Targu Jiu	280

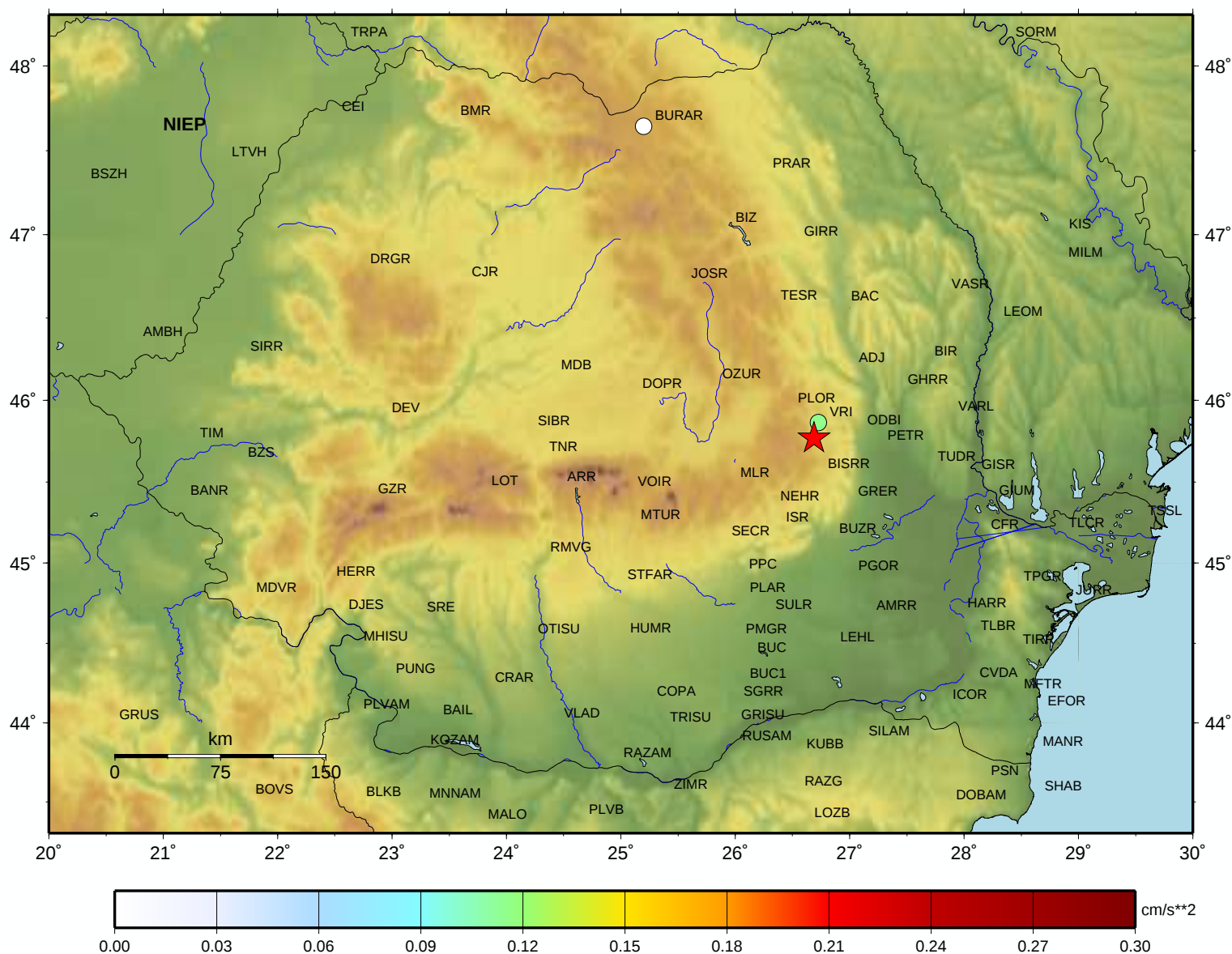
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
VRI	HNE	0.12
BURAR	BHE	0.00

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

Maximum observed acceleration: VRI_HNE 0.12

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: C1CN_HHE 0.06

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