



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sat Nov 28,2020 14:49:50

Romania - Event 28124950 - Vrancea seismic zone

Sat Nov 28, 2020 12:49:50 GMT ML 3.5 N45.74 E26.68 Depth: 121.9km ID:28124950

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

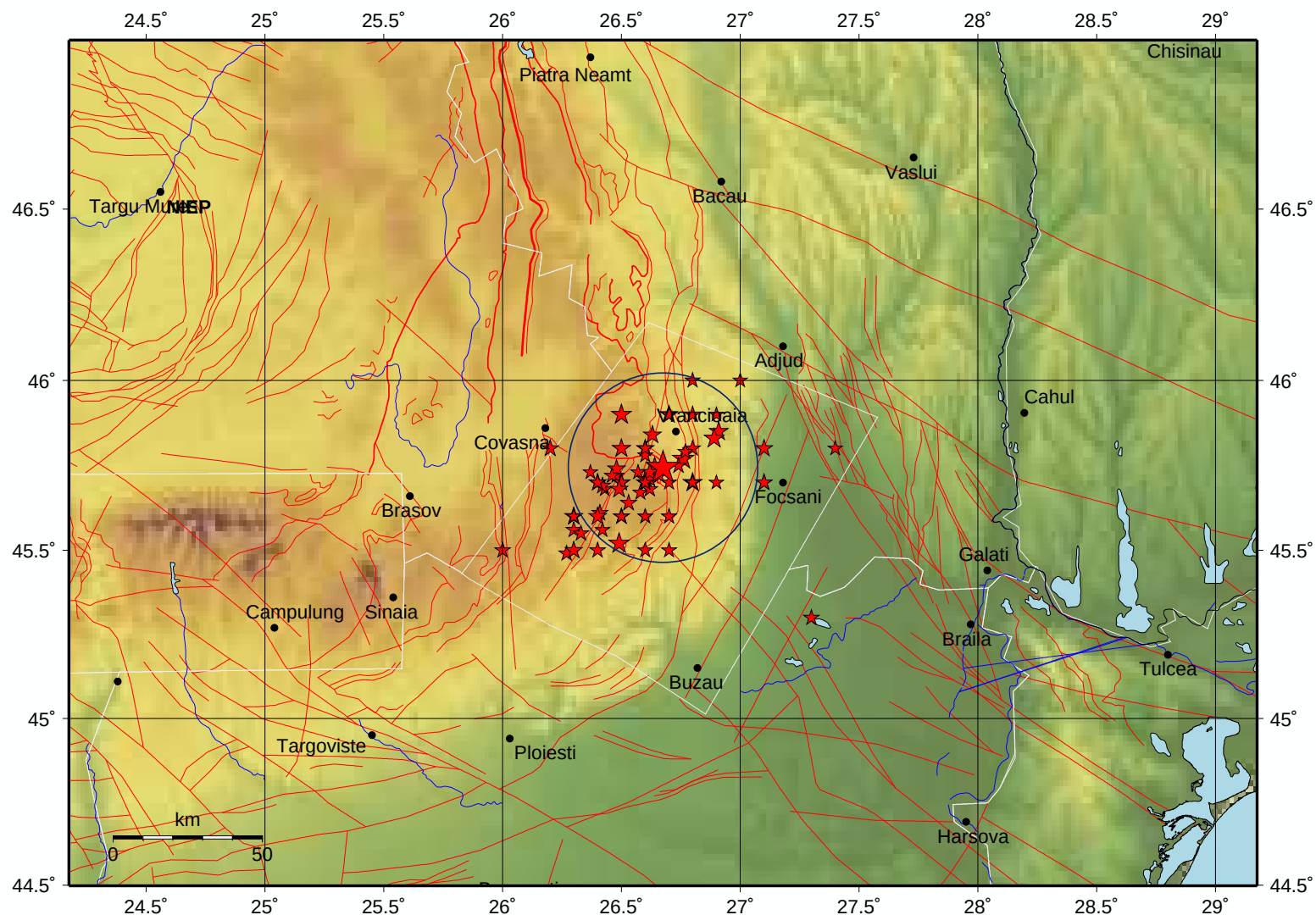
Max. grid values – pga: 0.88(cm/sec**) pgv: 0.00(cm/sec) mi: 2.0

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Local time

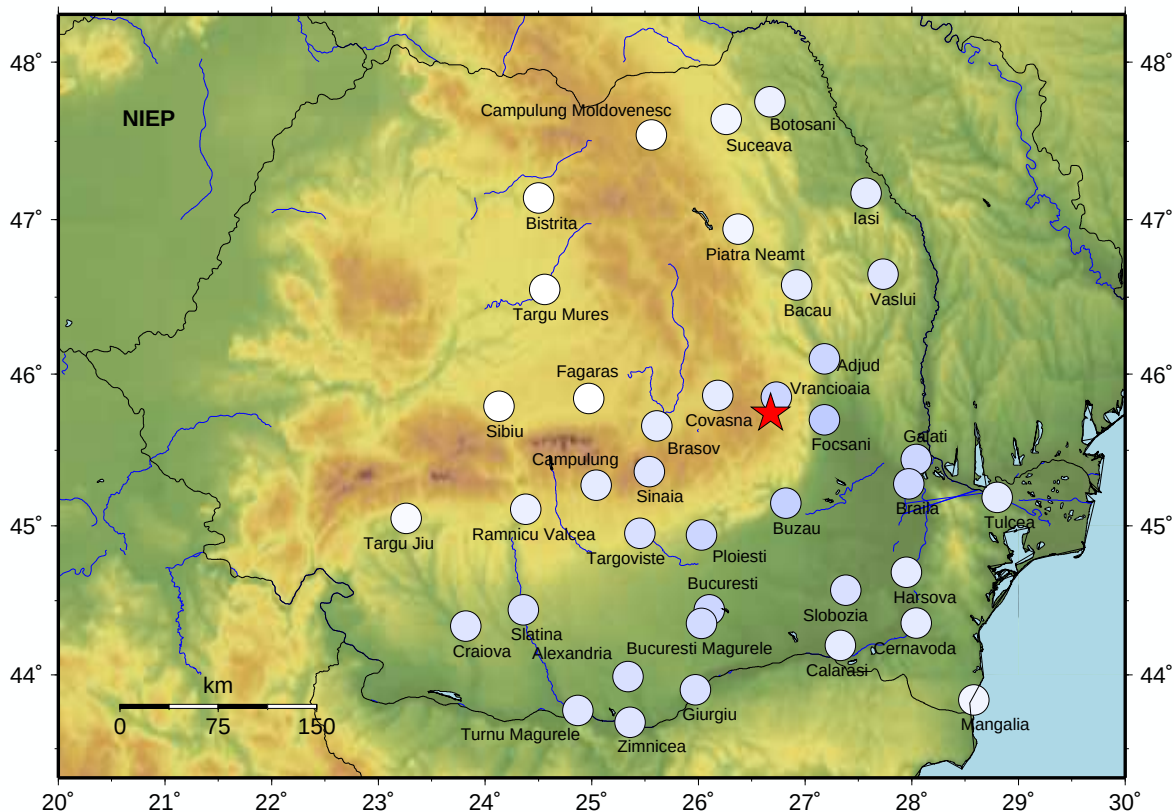
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	12
Focsani	39
Covasna	40
Adjud	55
Buzau	66
Brasov	83
Bacau	94
Sinaia	98
Ploiesti	102
Galati	111
Braila	113
Vaslui	129
Targoviste	130
Fagaras	133
Piatra Neamt	135
Campulung	138
Slobozia	141
Bucuresti	151
Harsova	154
Bucuresti Magurele	163
Iasi	172
Tulcea	177
Calarasi	179
Targu Mures	186
Cernavoda	188
Ramnicu Valcea	192
Sibiu	198
Giurgiu	212
Suceava	213
Campulung M.	217
Alexandria	221
Botosani	223
Bistrita	228
Slatina	232
Zimnicea	251
Mangalia	260
Turnu Magurele	262
Craiova	274
Targu Jiu	278

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+

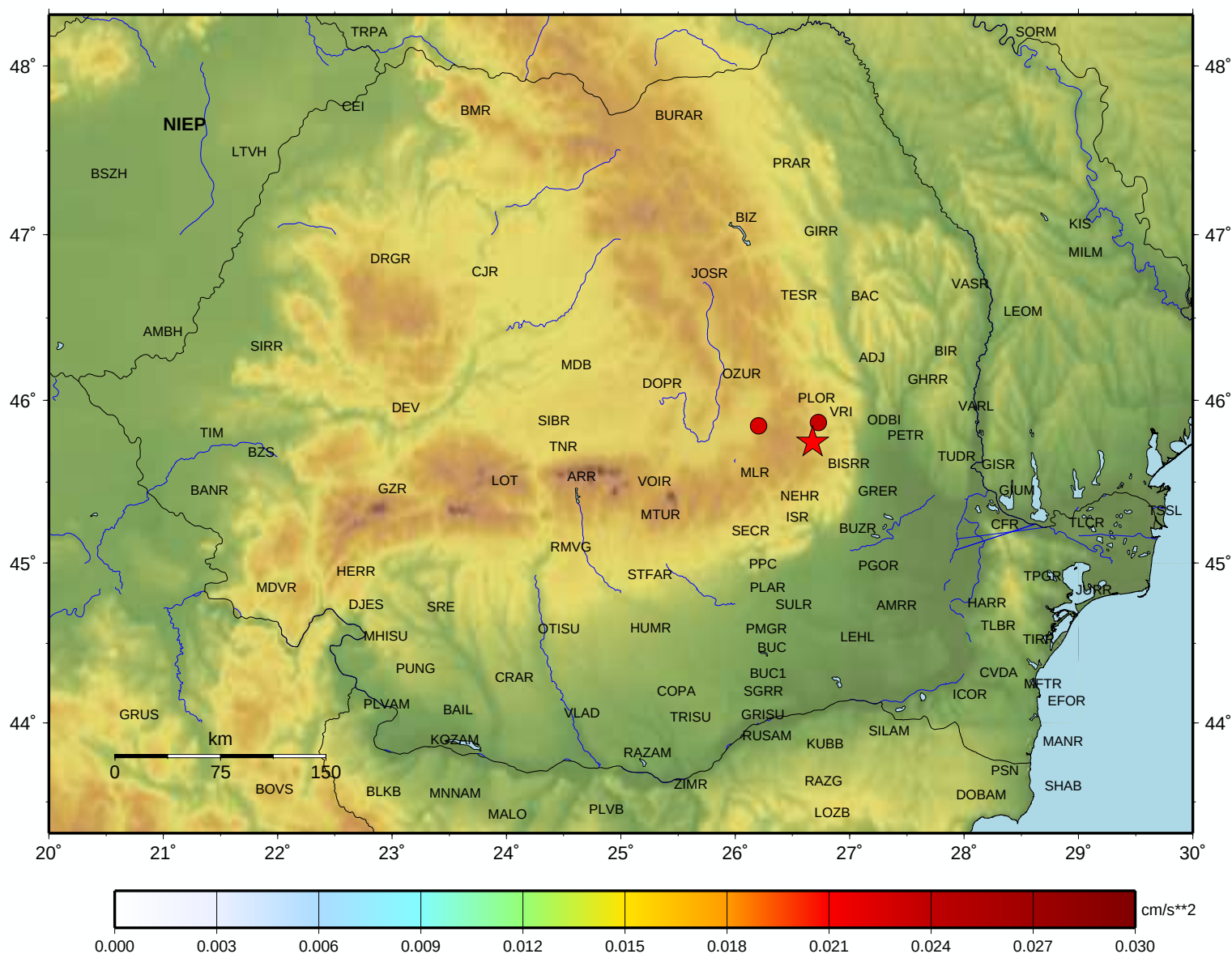
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

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

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

Maximum observed acceleration: VRI HNE 0.02

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Maximum observed velocity: BISRR_HHE 0.00

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