



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sun Nov 01,2020 02:36:33

Romania - Event 91003633 - Vrancea seismic zone

Sun Nov 1, 2020 00:36:33 GMT ML 3.5 N45.64 E26.55 Depth: 144.0km ID:91003633

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 91003633 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

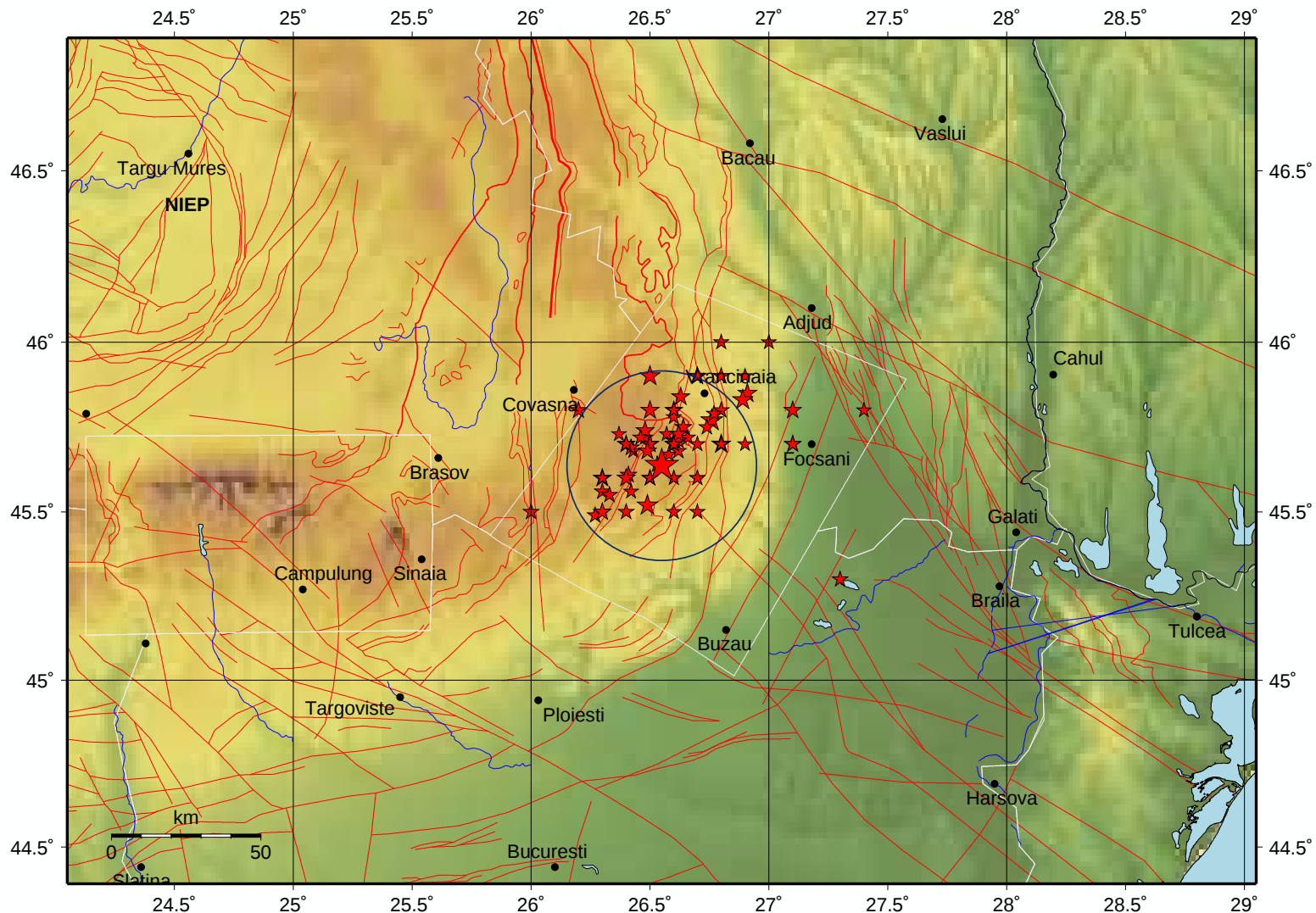
Max. grid values – pga: 0.69(cm/sec**) pgv: 0.00(cm/sec) mi: 2.0

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Local time

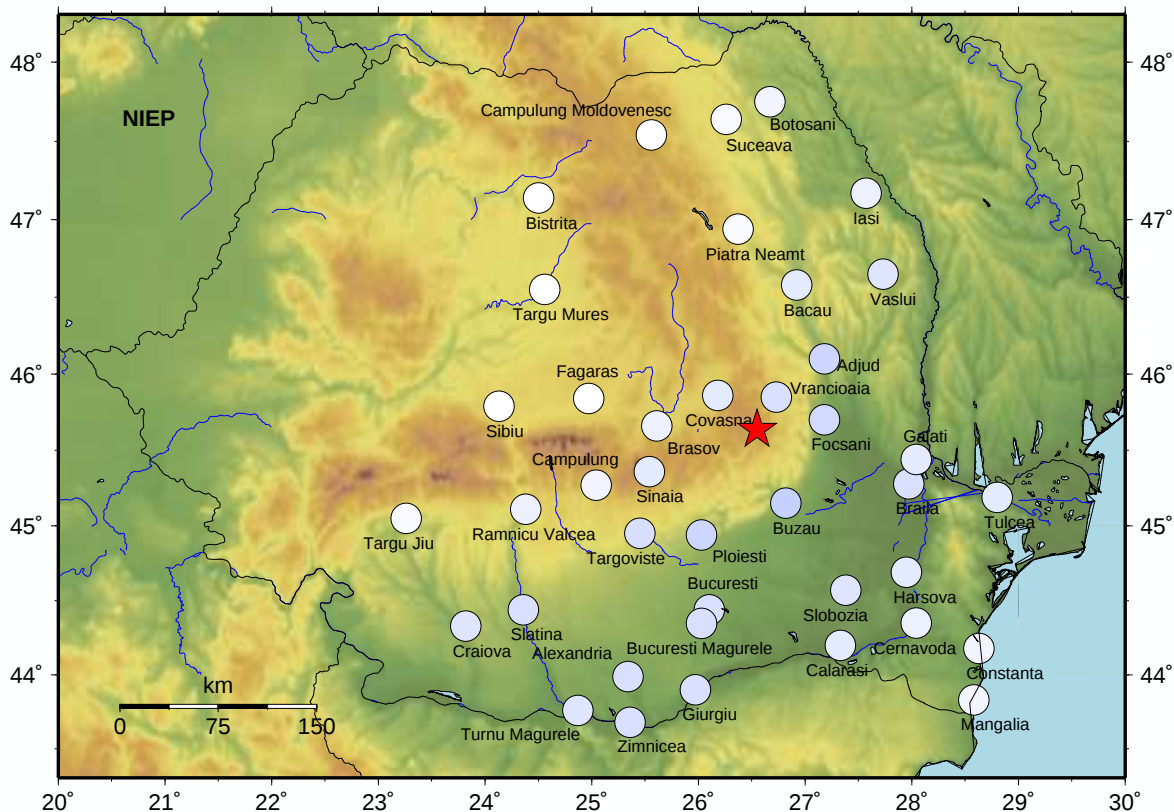
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	27
Covasna	37
Focsani	49
Buzau	58
Adjud	71
Brasov	73
Sinaia	84
Ploiesti	87
Bacau	108
Targoviste	115
Braila	117
Galati	118
Campulung	124
Fagaras	125
Slobozia	135
Bucuresti	137
Vaslui	144
Piatra Neamt	145
Bucuresti Magurele	149
Harsova	152
Calarasi	171
Ramnicu Valcea	179
Tulcea	183
Targu Mures	184
Cernavoda	185
Iasi	187
Sibiu	189
Giurgiu	198
Alexandria	206
Slatina	217
Suceava	223
Campulung M.	224
Bistrita	229
Constanta	230
Botosani	235
Zimnicea	237
Turnu Magurele	247
Mangalia	257
Craiova	259
Targu Jiu	265

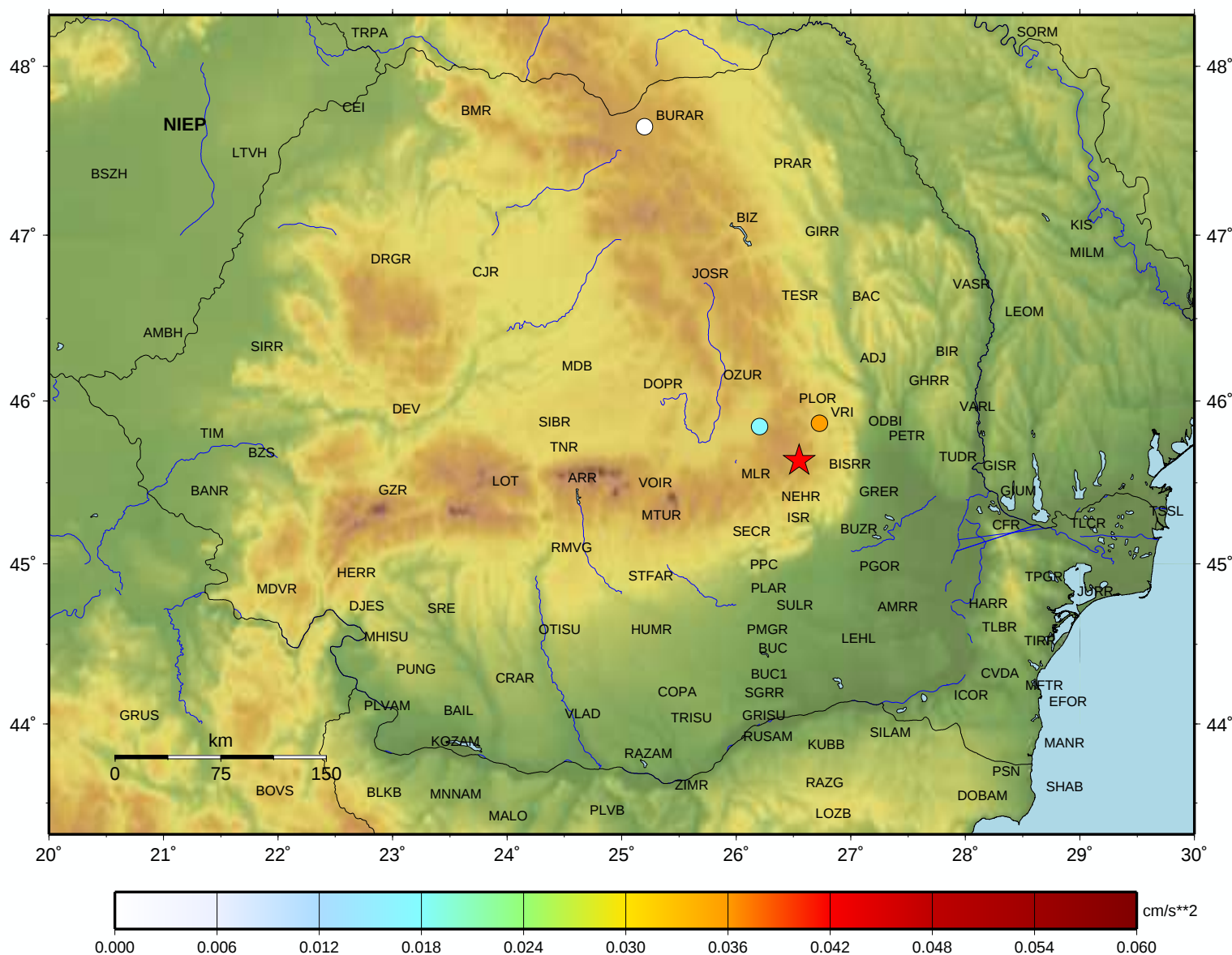
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
VRI	HNE	0.04
COVR	HNN	0.02
BURAR	BHE	0.00

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

Maximum observed acceleration: VRI_HNE -0.04

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: VLDR_HHE 0.00

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