



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Mon Dec 28,2020 08:41:25

Romania - Event 28064125 - Vrancea seismic zone

Mon Dec 28, 2020 06:41:25 GMT ML 3.2 N45.63 E26.51 Depth: 136.5km ID:28064125

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 28064125 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

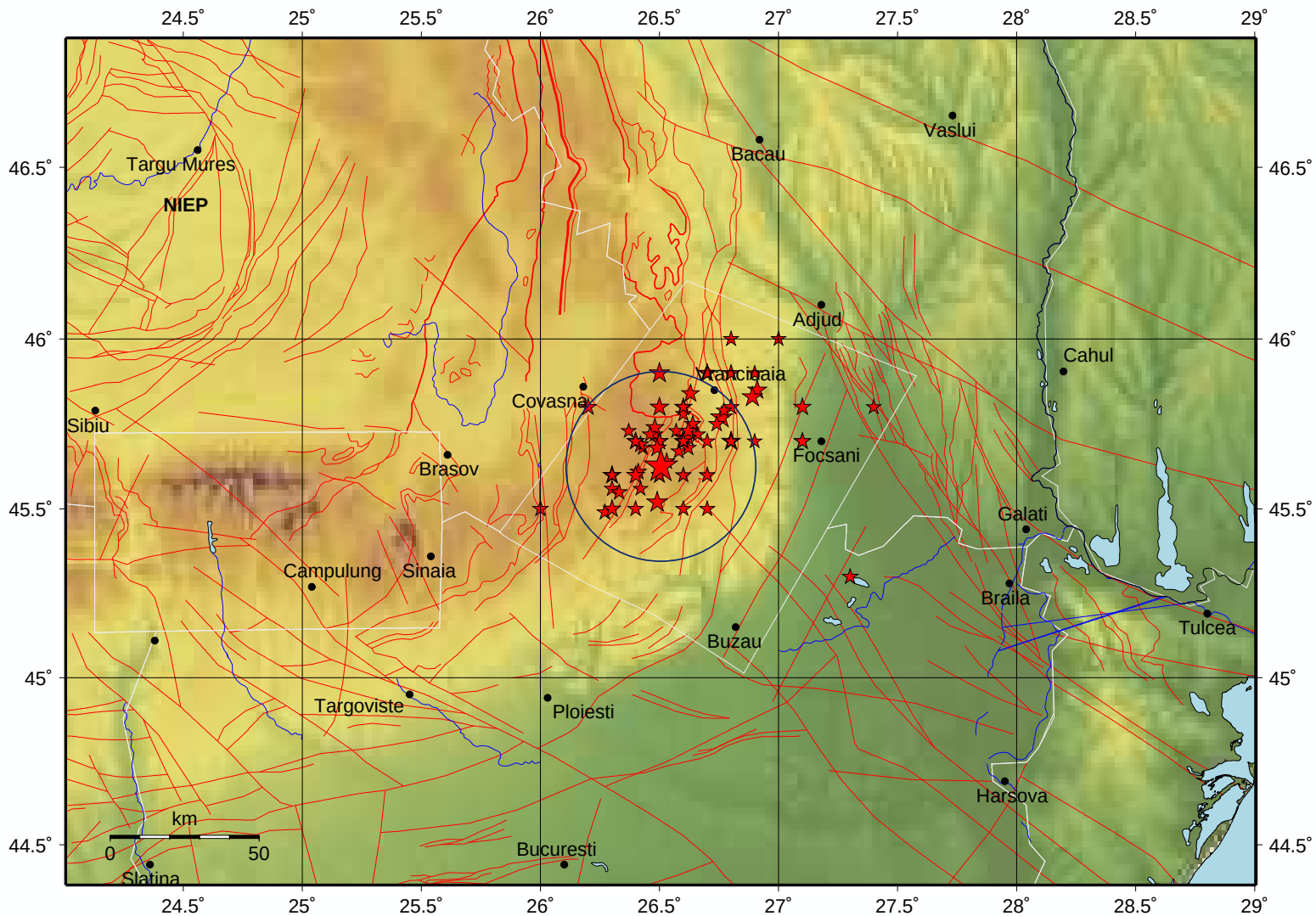
Max. grid values – pga: 0.39(cm/sec**) pgv: 0.00(cm/sec) mi: 1.8

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Local time

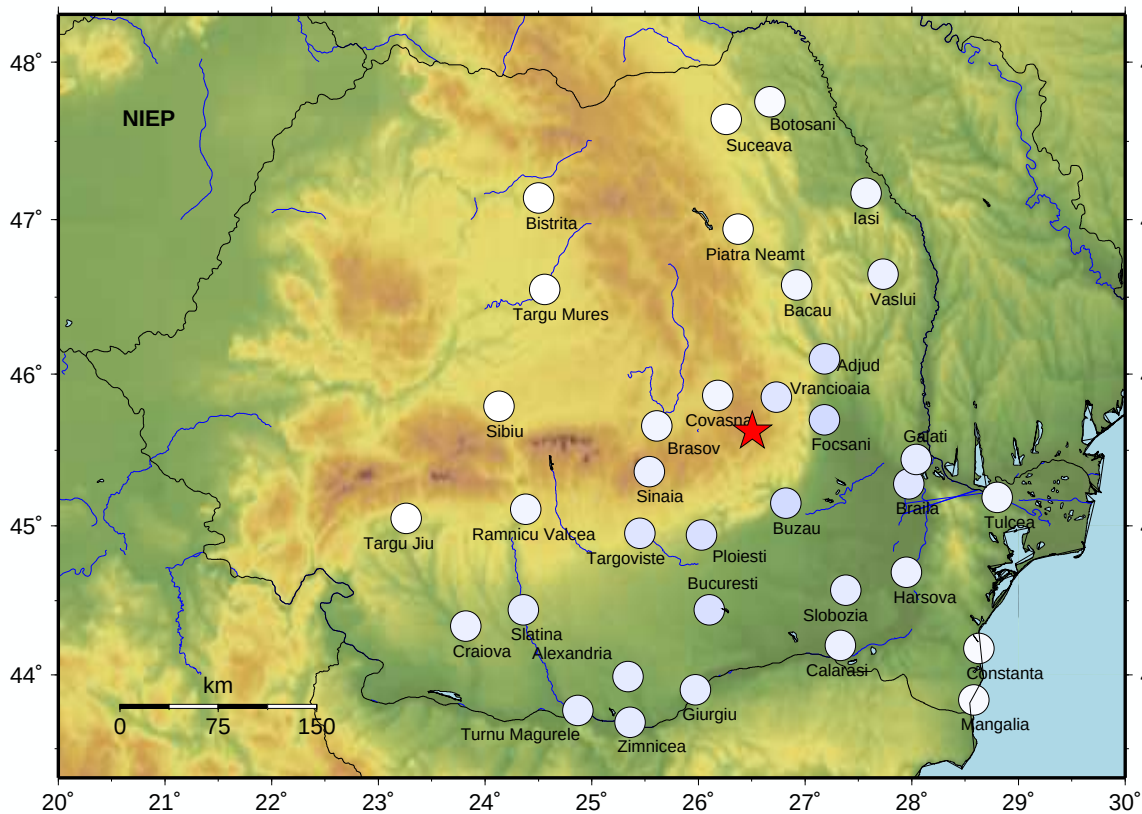
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Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City	Distance(km)
Vrancea	30
Covasna	36
Focsani	53
Buzau	58
Brasov	69
Adjud	74
Sinaia	81
Ploiesti	84
Bacau	110
Targoviste	111
Braila	120
Galati	121
Bucuresti	135
Slobozia	136
Piatra Neamt	146
Vaslui	147
Harsova	154
Calarasi	171
Ramnicu Valcea	176
Targu Mures	182
Sibiu	185
Tulcea	186
Iasi	190
Giurgiu	196
Alexandria	203
Slatina	214
Suceava	224
Bistrita	228
Constanta	232
Zimnicea	234
Botosani	236
Turnu Magurele	244
Craiova	256
Mangalia	258
Targu Jiu	262

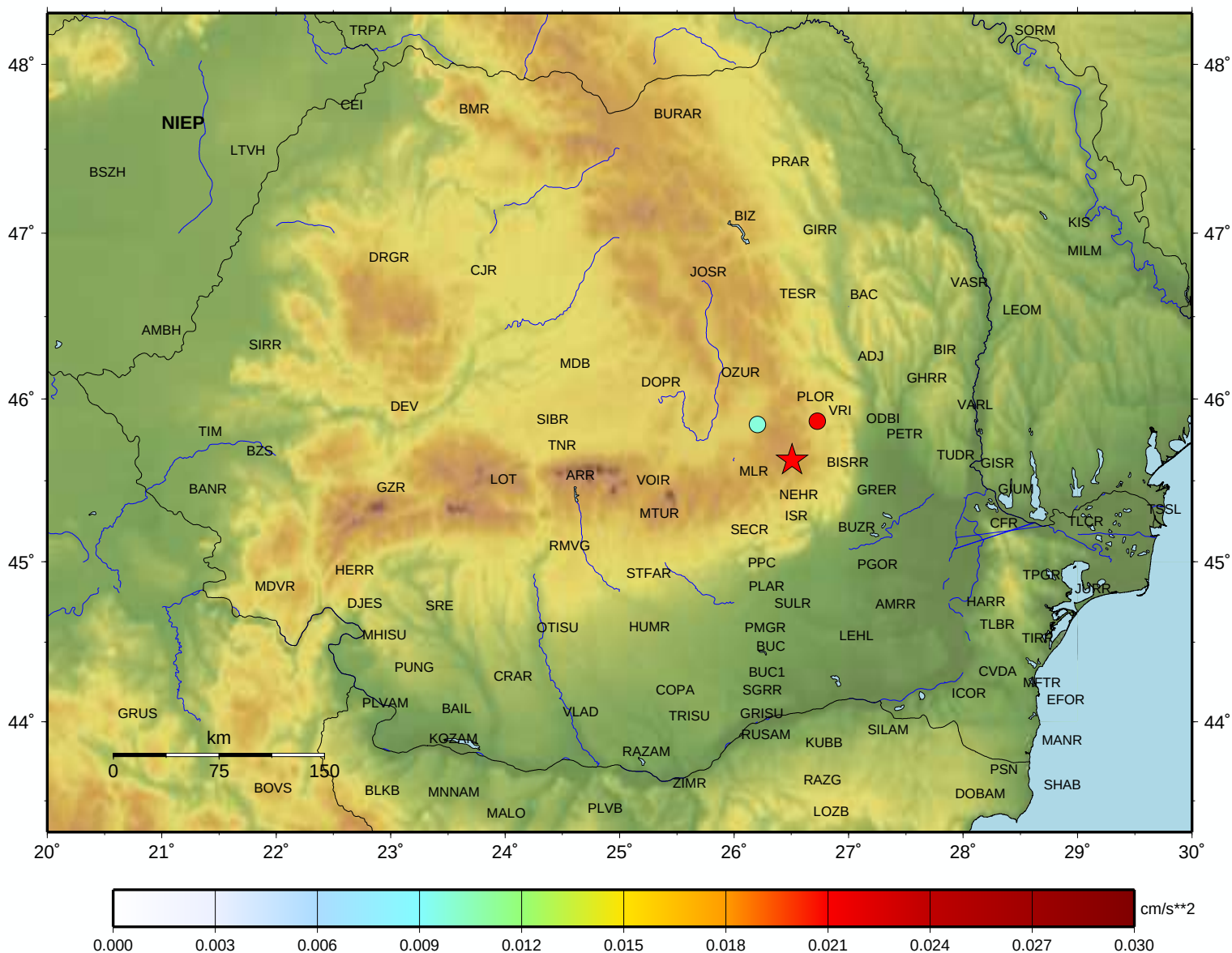
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga (cm/sec**2)		
VRI	HNE	0.02
COVR	HNN	0.01

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

Maximum observed acceleration: VRI HNE 0.02

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: TATR_HHN 0.01

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