



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Oct 21,2020 08:55:38

Romania - Event 21055538 - Moldova seismic zone

Wed Oct 21, 2020 05:55:38 GMT ML 3.1 N46.79 E27.44 Depth: 6.6km ID:21055538

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 crustal earthquakes

Date	Time	Lon	Lat	Depth	Mw
22-Nov-2014	19:14:17	27.15	45.87	40.9	5.4
03-Oct-2004	09:02:04	28.92	45.21	3.7	4.7
02-Dec-1991	08:49:41	21.12	45.45	9.0	5.5
18-Jul-1991	11:56:31	22.35	44.90	12.0	5.6
12-Jul-1991	10:42:21	21.05	45.38	11.0	5.6
01-Apr-1988	07:15:44	27.70	47.90	17.0	4.2
19-Jul-1987	02:18:56	27.79	45.55	15.0	4.4
13-Nov-1981	09:07:08	29.00	45.17	15.0	5.1
11-Sep-1980	23:24:25	28.03	45.32	20.4	4.2
07-Jun-1979	21:20:36	27.41	45.83	31.6	4.1

Source: ROMPLUS Catalogue

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Attenuation laws – GMPE::BJF97 IPE::TA09_mmi

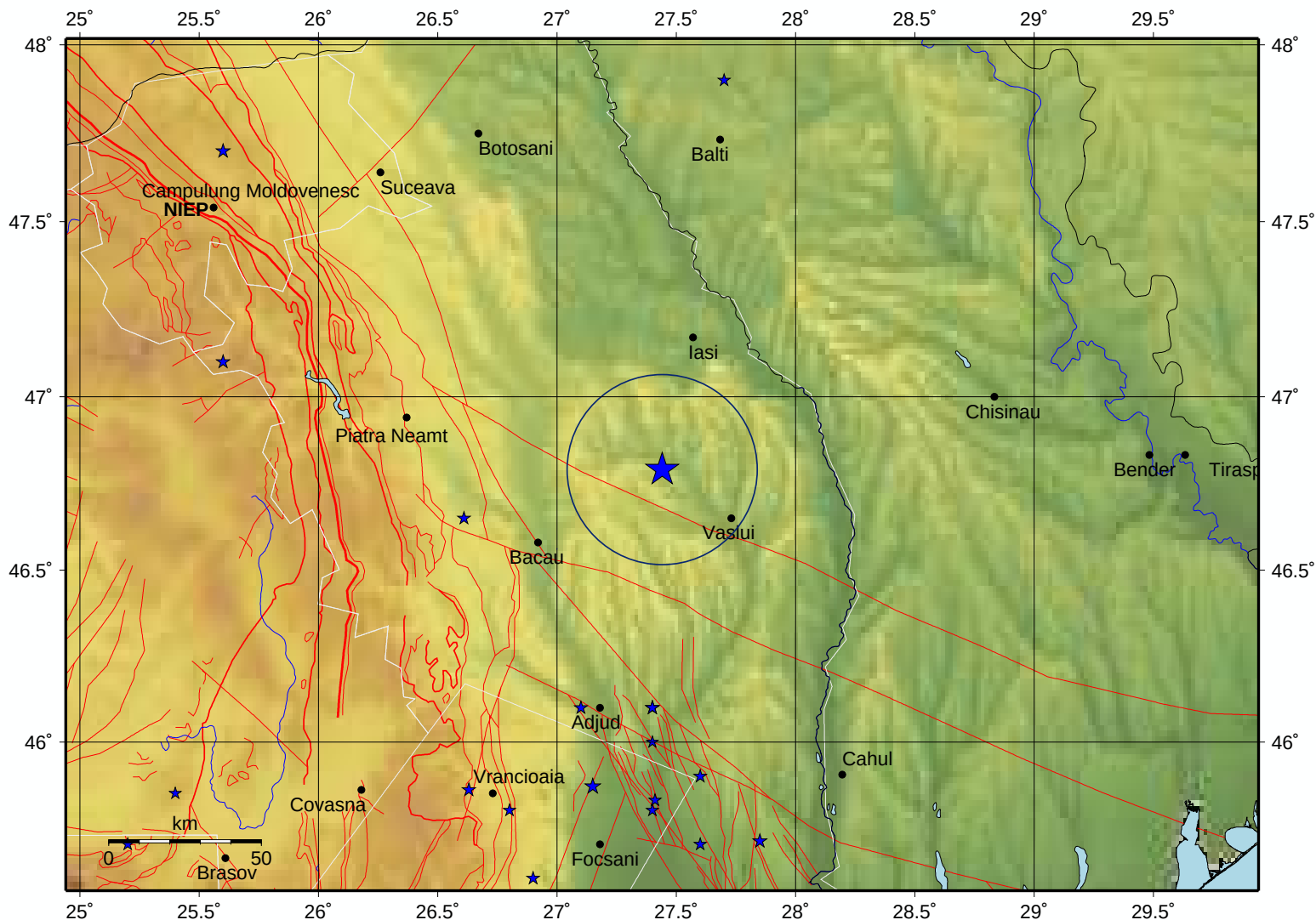
Max. grid values – pga: 45.62(cm/sec**) pgv: 0.09(cm/sec) mi: 3.9

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Local time

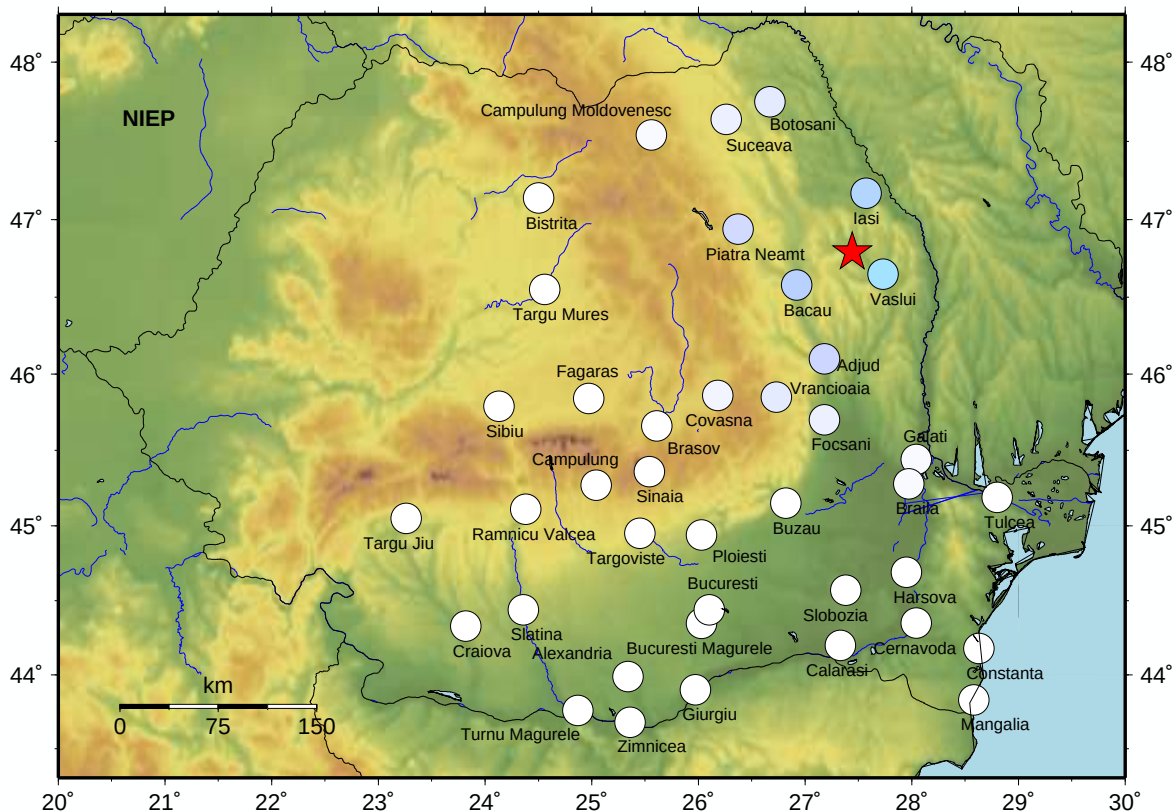
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Fault lines



Estimated intensities based on IPE::TA09_mmi attenuation law

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City	Distance(km)
Vaslui	27
Iasi	43
Bacau	46
Adjud	79
Piatra Neamt	83
Vrancea	118
Botosani	121
Focsani	122
Suceava	130
Covasna	141
Galati	157
Campulung M.	165
Braila	172
Buzau	188
Brasov	189
Tulcea	206
Sinaia	216
Fagaras	217
Targu Mures	222
Bistrita	227
Ploiesti	233
Harsova	236
Slobozia	246
Campulung	251
Targoviste	256
Cernavoda	275
Sibiu	278
Bucuresti	281
Calarasi	288
Bucuresti Magurele	293
Ramnicu Valcea	302
Constanta	304
Mangalia	340
Giurgiu	341
Alexandria	352
Slatina	354
Targu Jiu	377
Zimnicea	382
Turnu Magurele	392
Craiova	393

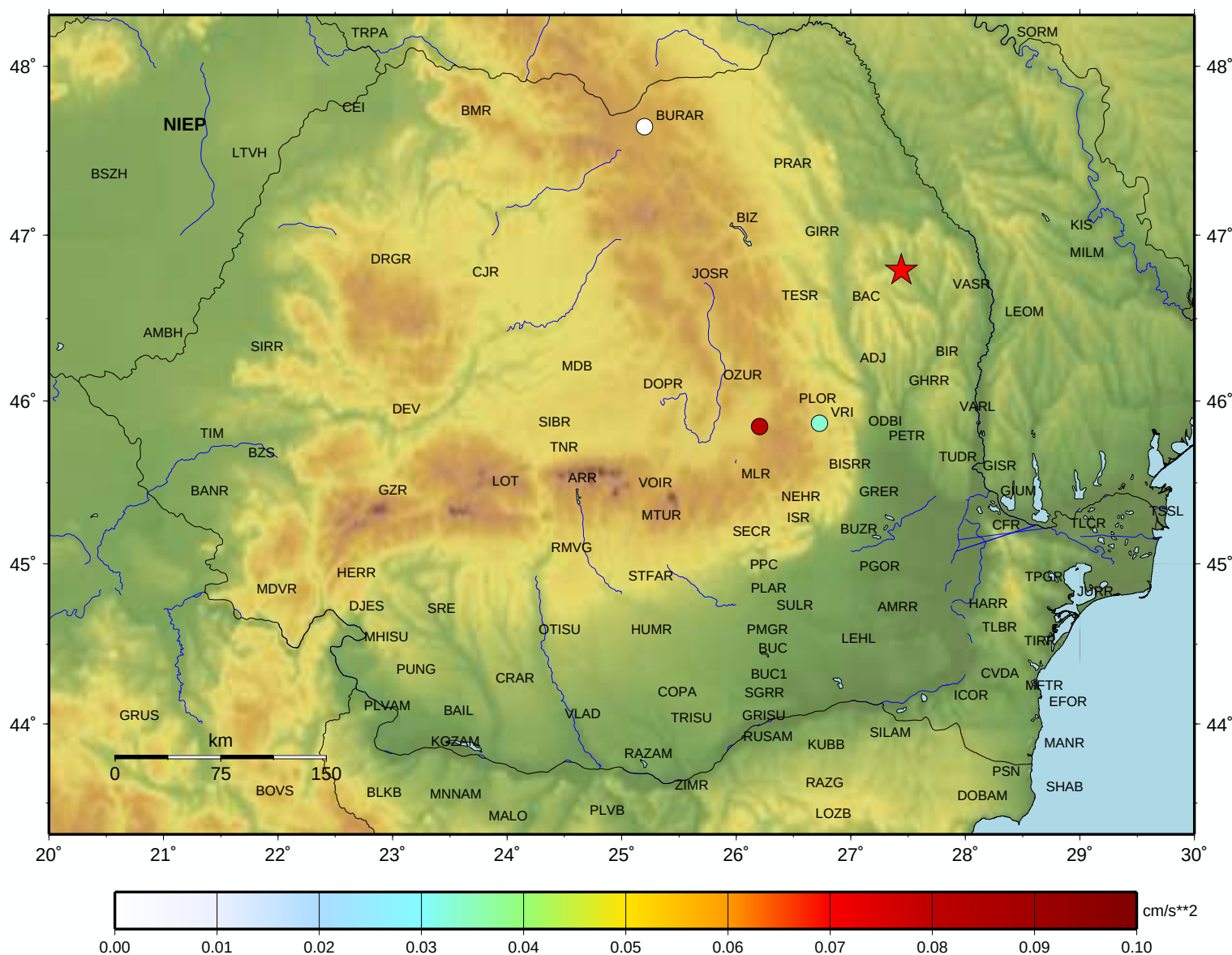
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

Max. pga(cm/sec**2)		
COVR	HNN	0.08
VRI	HNE	0.03
BURAR	BHN	0.00

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

Maximum observed acceleration: COVR_HNN -0.08

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Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: ODBI_HHE 0.11

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