



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sun Oct 09,2022 14:00:56

Romania - Event 99110056 - Vrancea seismic zone

Sun Oct 9, 2022 11:00:56 GMT ML 3.6 N45.81 E26.70 Depth: 72.0km ID:99110056

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 99110056 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

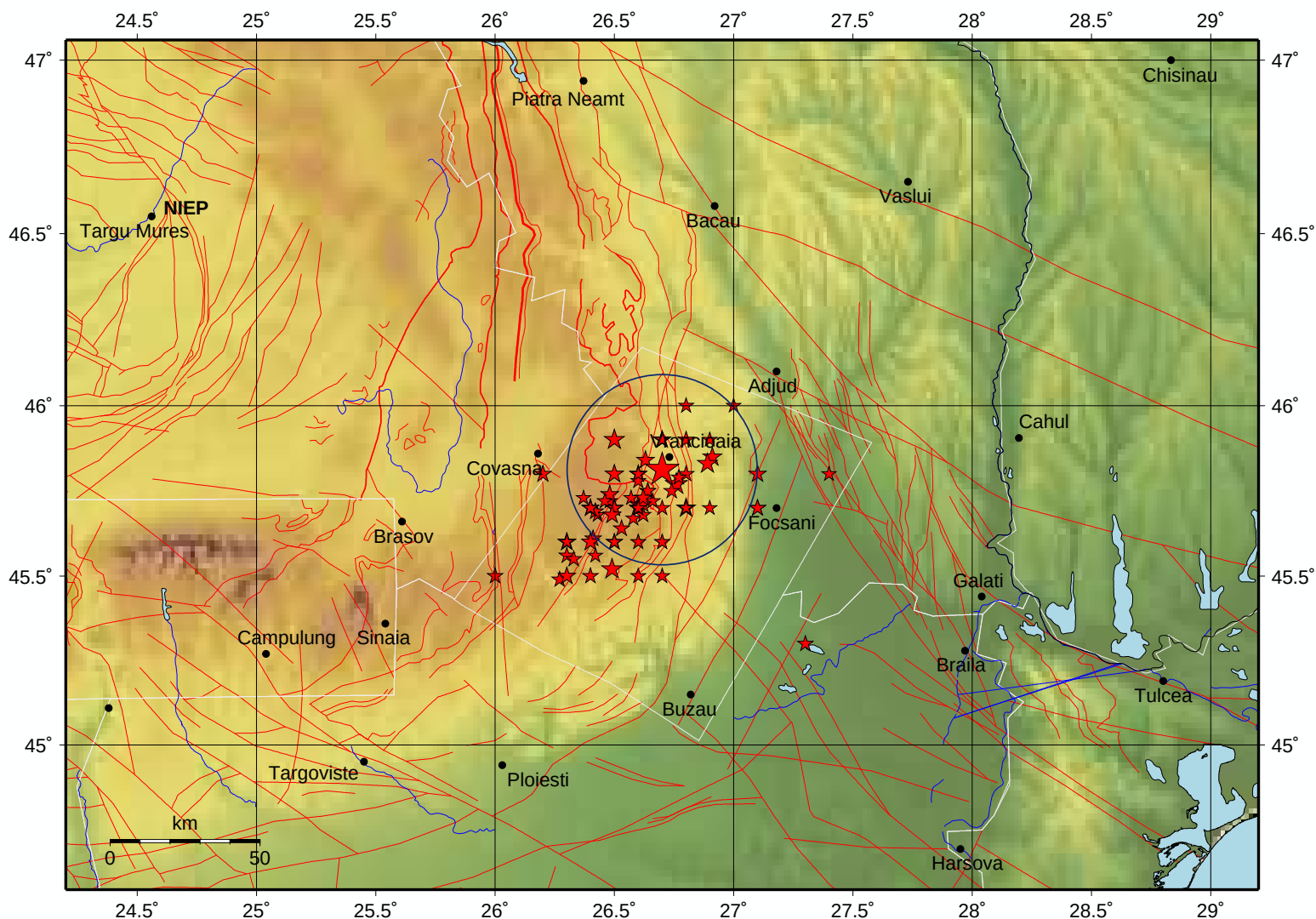
Max. grid values – pga: 2.75(cm/sec**) pgv: 0.01(cm/sec) mi: 2.3

Sun Oct 9, 2022 11:00:56 GMT ML 3.6 N45.81 E26.70 Depth: 72.0km ID:99110056 **Mw 3.5**

Local time

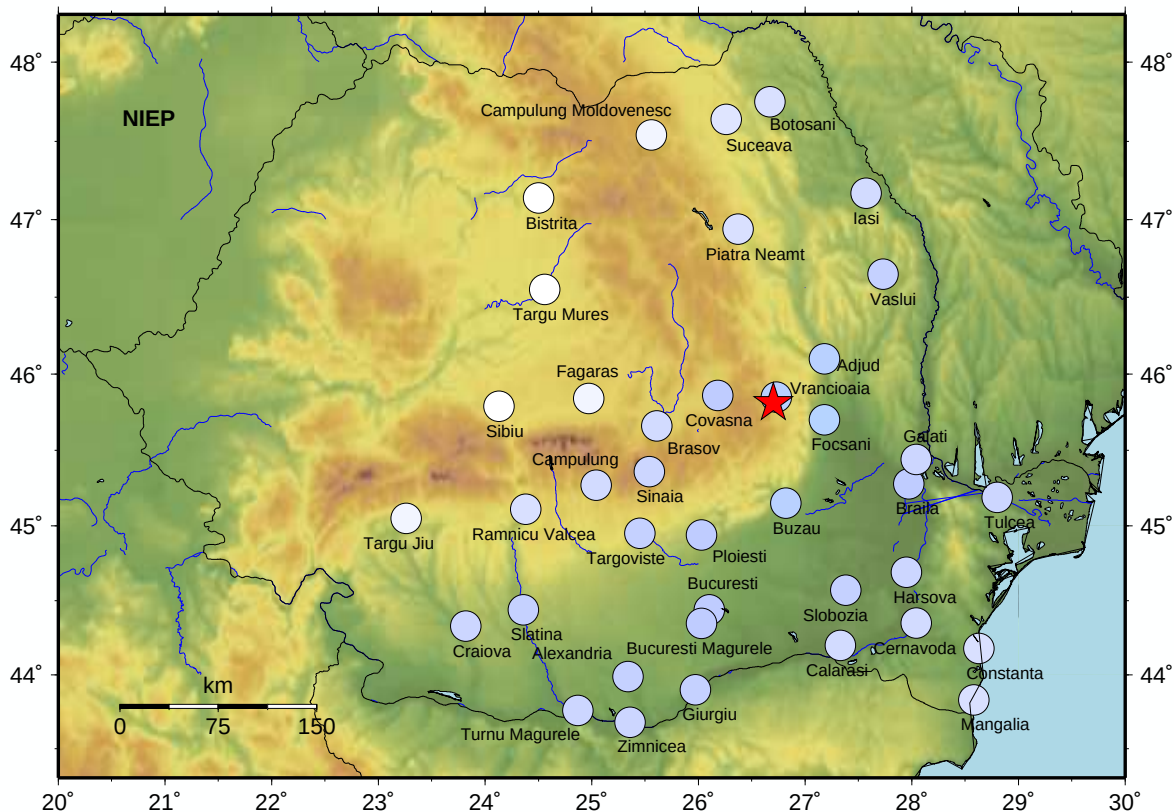
Sun Oct 09, 2022 14:00:56

Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

Sun Oct 9, 2022 11:00:56 GMT ML 3.6 N45.81 E26.70 Depth: 72.0km ID:99110056



City	Distance(km)
Vrancea	4
Focsani	39
Covasna	40
Adjud	49
Buzau	74
Brasov	86
Sinaia	103
Ploiesti	110
Galati	112
Braila	115
Vaslui	122
Piatra Neamt	127
Fagaras	134
Targoviste	137
Campulung	143
Slobozia	148
Harsova	158
Bucuresti	159
Iasi	165
Bucuresti Magurele	171
Tulcea	178
Targu Mures	184
Calarasi	185
Cernavoda	193
Ramnicu Valcea	197
Sibiu	199
Suceava	205
Campulung M.	210
Botosani	215
Giurgiu	220
Bistrita	224
Alexandria	229
Constanta	236
Slatina	239
Zimnicea	259
Mangalia	265
Turnu Magurele	270
Craiova	280
Targu Jiu	282

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+

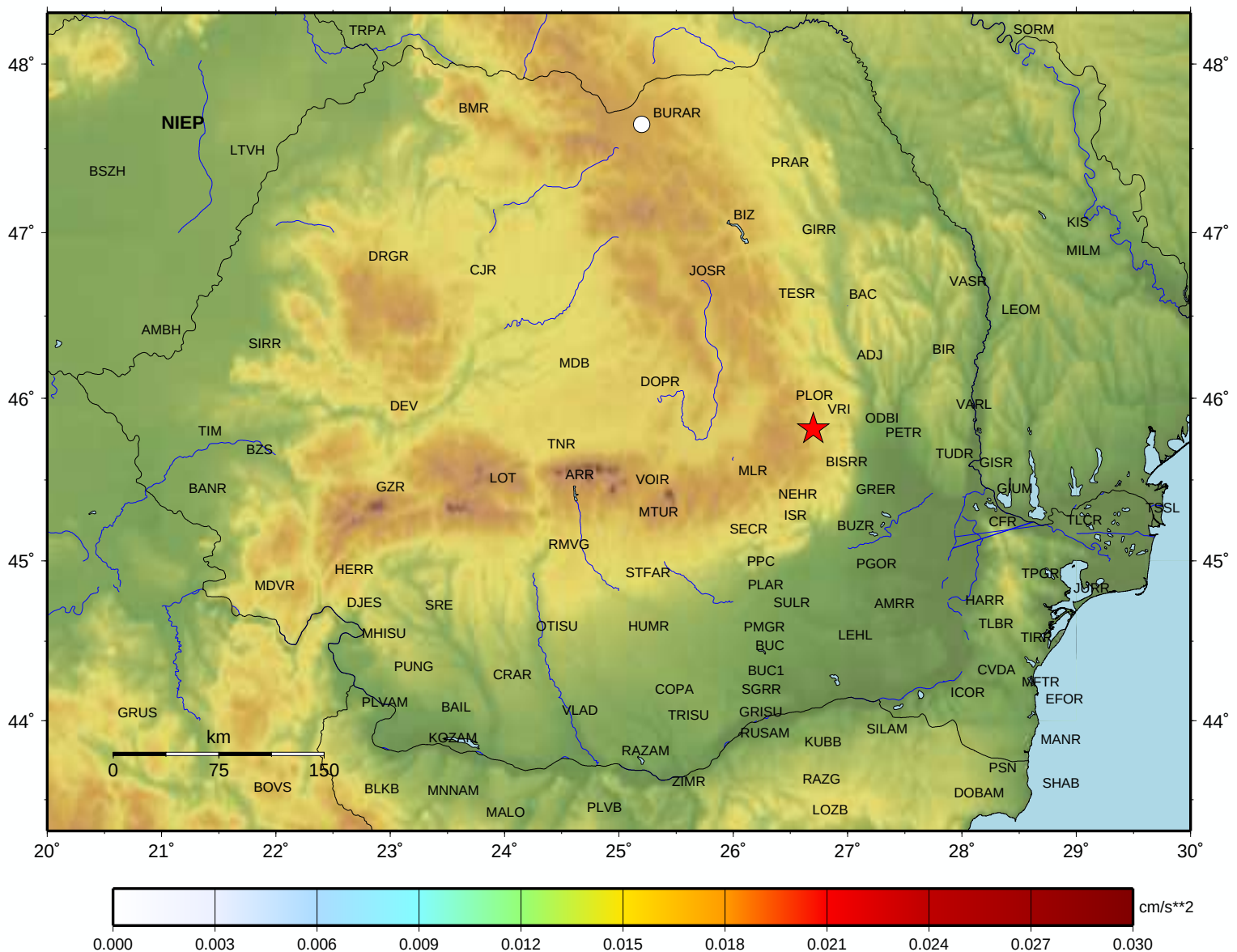
The largest accelerations recorded automatically by the seismic stations of "Instalatie de Interes National - Retea Seismica Nationala (IOSIN-RSN)"

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

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

Maximum observed acceleration: _____

Sun Oct 9, 2022 11:00:56 GMT ML 3.6 N45.81 E26.70 Depth: 72.0km ID:99110056



Maximum observed velocity: TUDR_HHE 0.01

