



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Wed Feb 10,2021 21:32:53

Romania - Event 10193253 - Vrancea seismic zone

Wed Feb 10, 2021 19:32:53 GMT ML 3.2 N45.63 E26.57 Depth: 122.8km ID:10193253

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 10193253 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

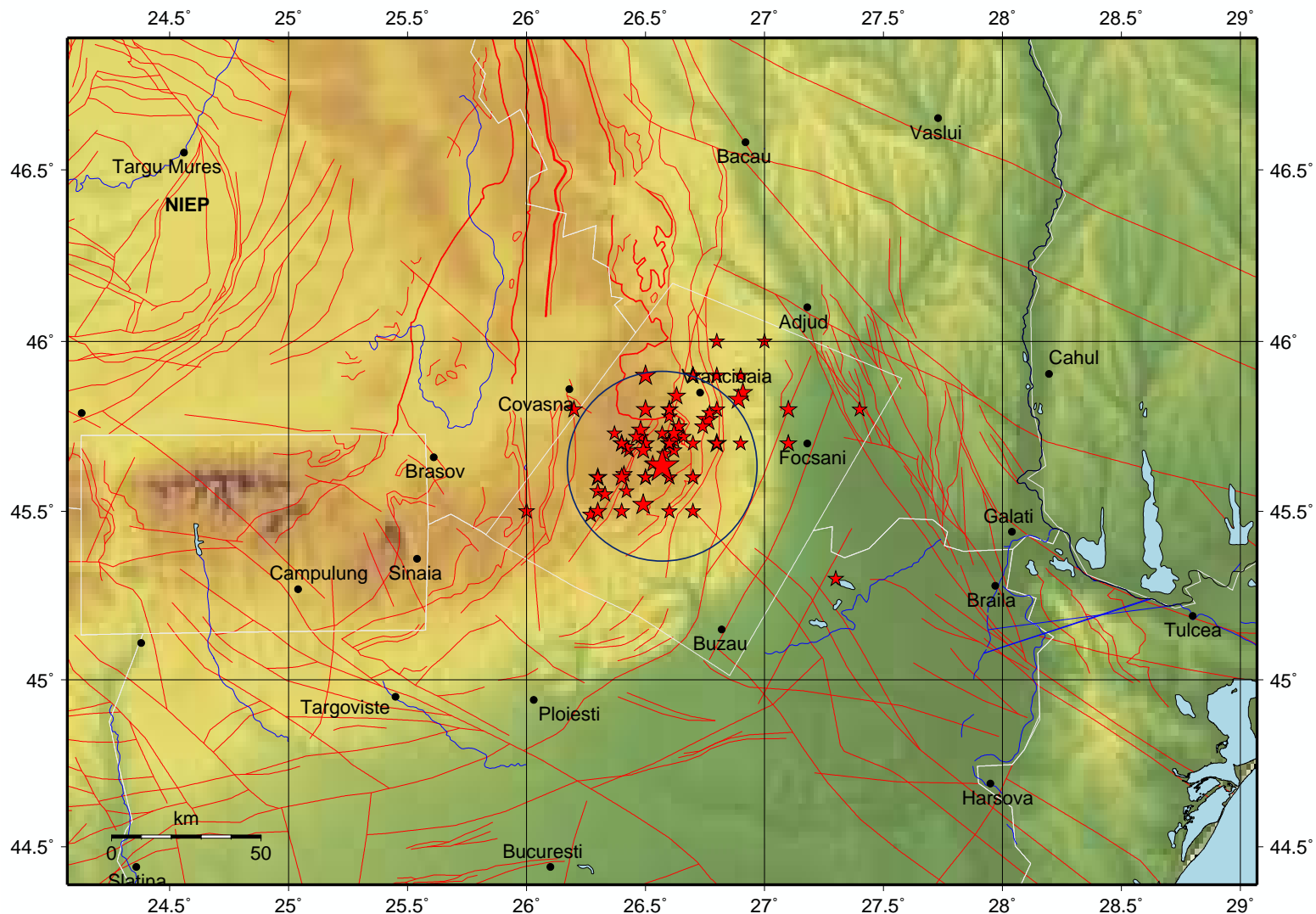
Max. grid values – pga: 0.49(cm/sec**) pgv: 0.00(cm/sec) mi: 1.8

Wed Feb 10, 2021 19:32:53 GMT ML 3.2 N45.63 E26.57 Depth: 122.8km ID:10193253 **Mw 3.1**

Local time

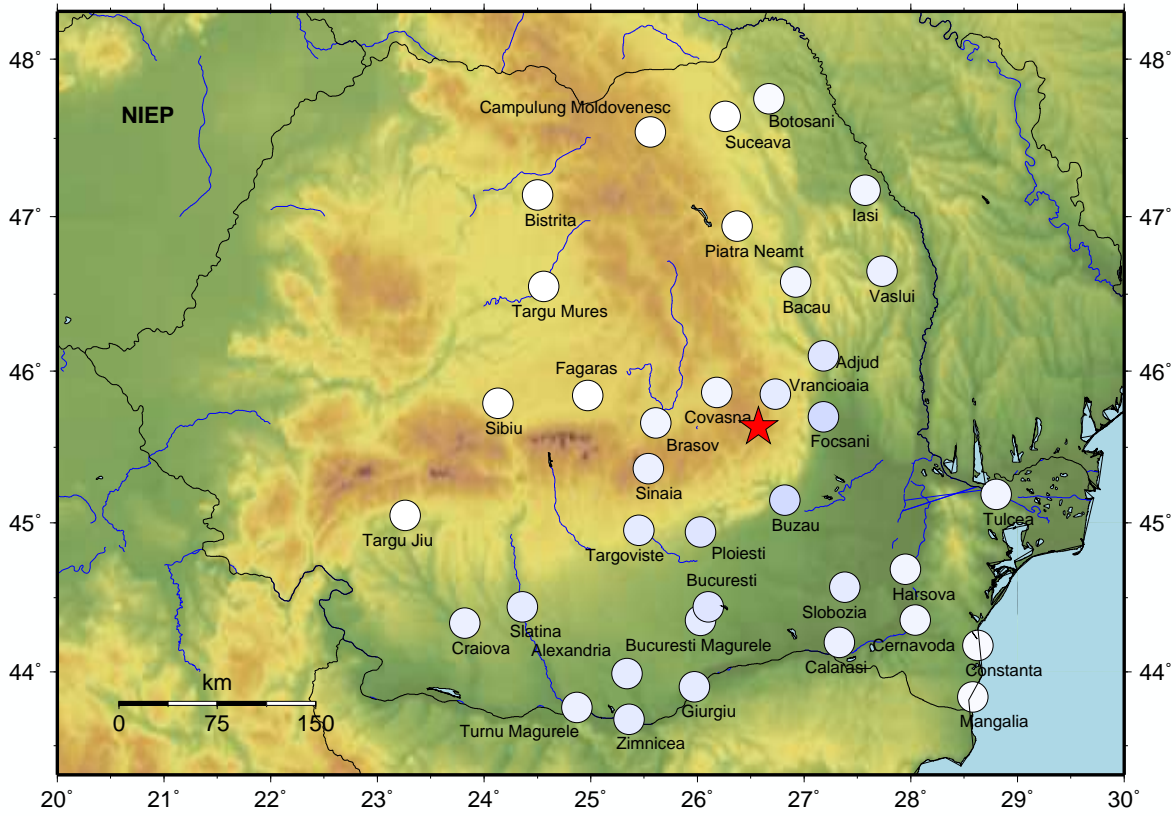
Wed Feb 10, 2021 21:32:53

Fault lines ———



Estimated intensities based on IPE::VS04_msk attenuation law

Wed Feb 10, 2021 19:32:53 GMT ML 3.2 N45.63 E26.57 Depth: 122.8km ID:10193253



City	Distance(km)
Vrancioaia	27
Covasna	39
Focsani	48
Buzau	57
Adjud	70
Brasov	74
Sinaia	86
Ploiesti	87
Bacau	108
Targoviste	116
Fagaras	126
Slobozia	134
Bucuresti	137
Vaslui	144
Piatra Neamt	146
Bucuresti Magurele	149
Harsova	150
Calarasi	170
Tulcea	181
Cernavoda	183
Targu Mures	185
Iasi	187
Sibiu	190
Giurgiu	198
Alexandria	206
Slatina	218
Suceava	224
Campulung M.	225
Constanta	229
Bistrita	231
Botosani	235
Zimnicea	237
Turnu Magurele	248
Mangalia	255
Craiova	260
Targu Jiu	267

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+

Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HUMR_HHN 0.01

Wed Feb 10, 2021 19:32:53 GMT ML 3.2 N45.63 E26.57 Depth: 122.8km ID:10193253

