



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Thu Apr 30,2020 05:54:01

Romania - Event 30025401 - Vrancea seismic zone

Thu Apr 30, 2020 02:54:01 GMT ML 3.3 N45.59 E26.42 Depth: 148.1km ID:30025401

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 30025401 – Vrancea seismic zone

Attenuation laws – GMPE::VS10 IPE::VS04_msk

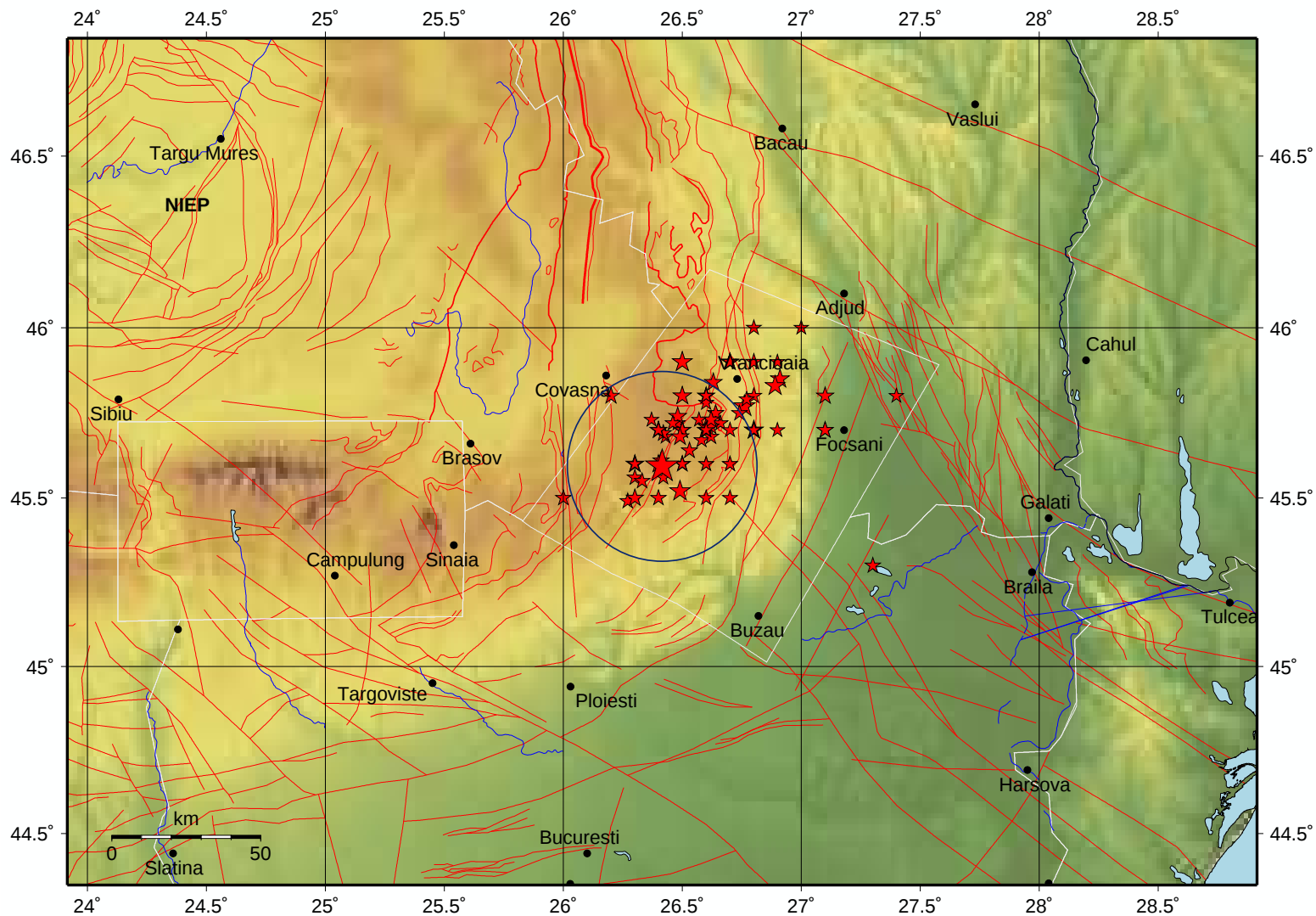
Max. grid values – pga: 0.0400(%g) pgv: 0.0010(cm/sec) mi: 1.8

Thu Apr 30, 2020 02:54:01 GMT ML 3.3 N45.59 E26.42 Depth: 148.1km ID:30025401 **Mw 3.2**

Local time

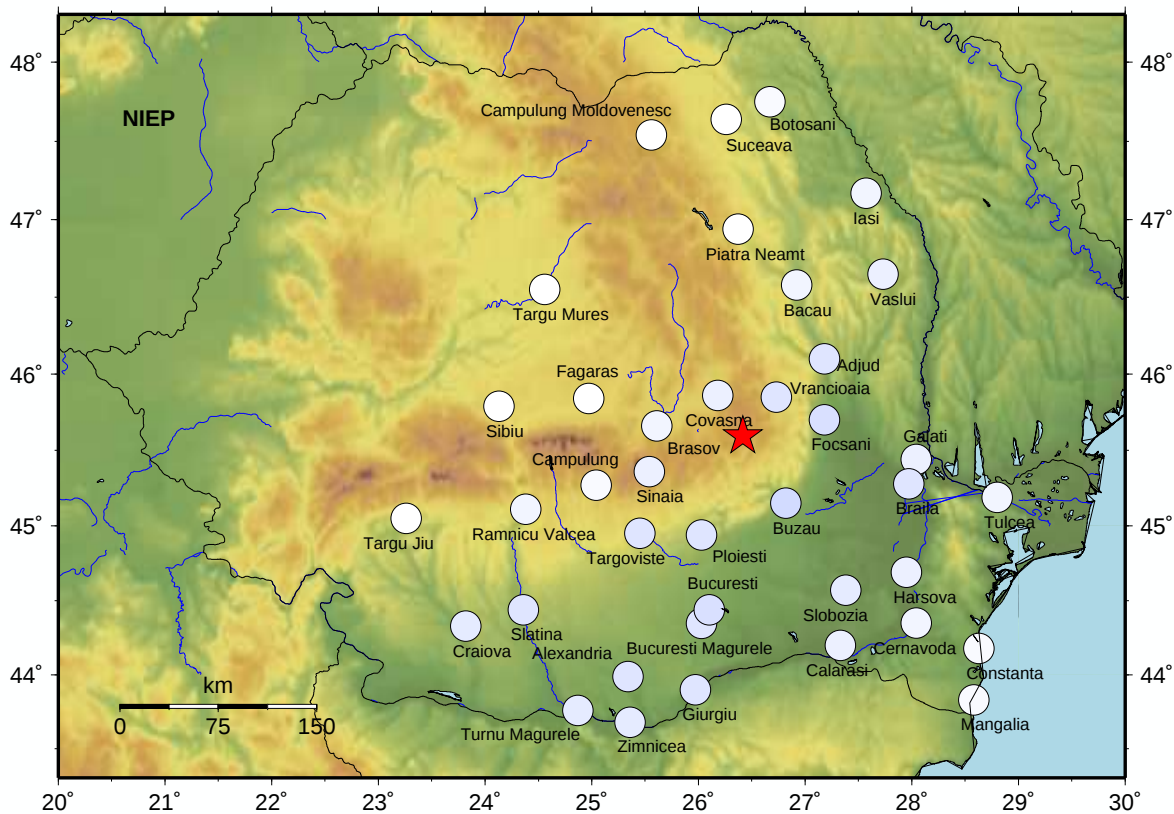
Thu Apr 30, 2020 05:54:01

Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

Thu Apr 30, 2020 02:54:01 GMT ML 3.3 N45.59 E26.42 Depth: 148.1km ID:30025401

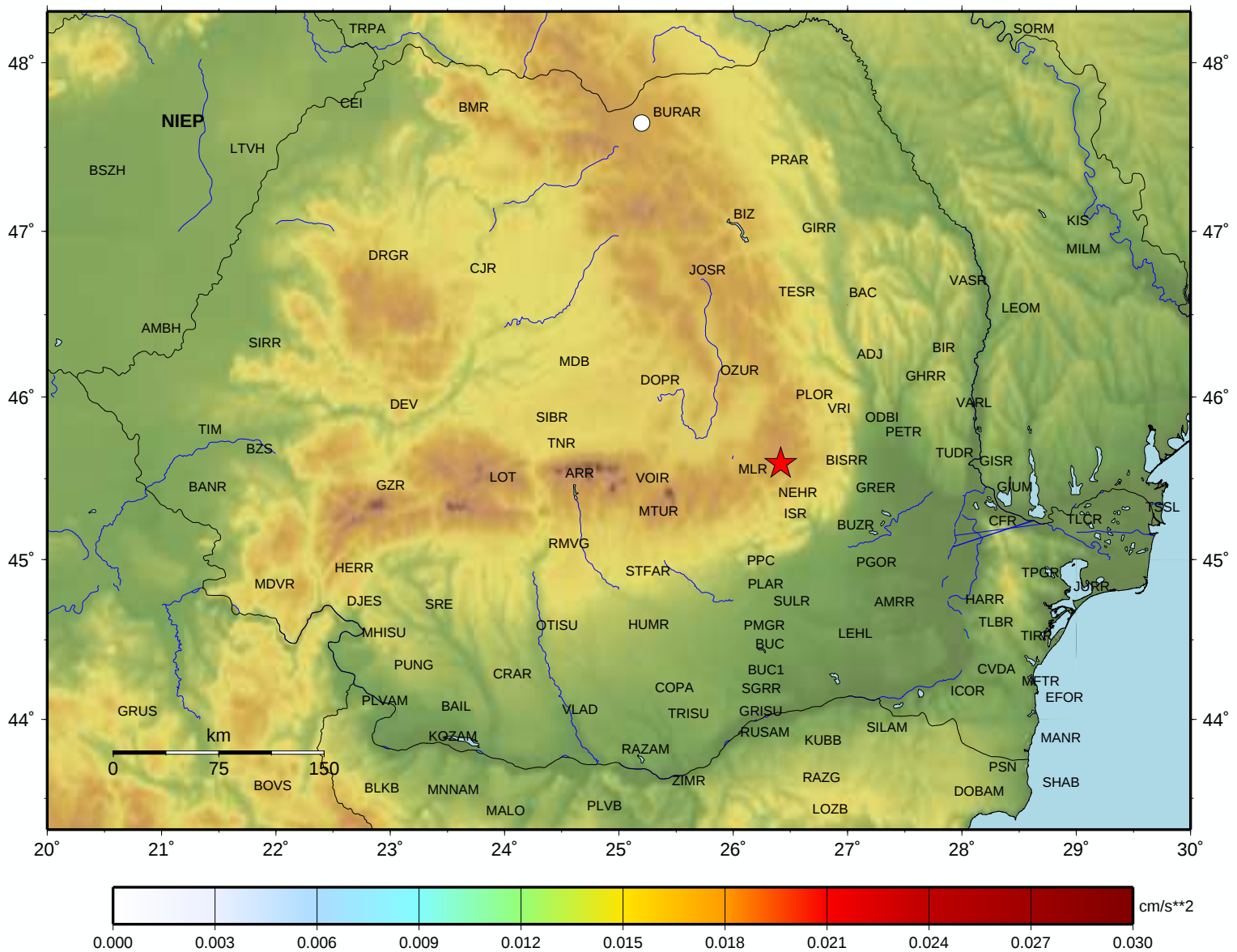


City	Distance(km)
Covasna	34
Vrancioaia	37
Buzau	58
Focsani	60
Brasov	63
Sinaia	73
Ploiesti	78
Adjud	81
Targoviste	104
Campulung	113
Fagaras	115
Bacau	116
Braila	126
Galati	128
Bucuresti	130
Slobozia	136
Bucuresti Magurele	141
Piatra Neamt	149
Vaslui	155
Harsova	157
Ramnicu Valcea	168
Calarasi	170
Targu Mures	178
Sibiu	179
Cernavoda	188
Giurgiu	191
Tulcea	192
Iasi	196
Alexandria	197
Slatina	206
Campulung M.	226
Suceava	227
Zimnicea	228
Constanta	235
Turnu Magurele	237
Botosani	240
Craiova	248
Targu Jiu	254
Mangalia	260

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

Maximum observed acceleration: BURAR_BHN -0.0001

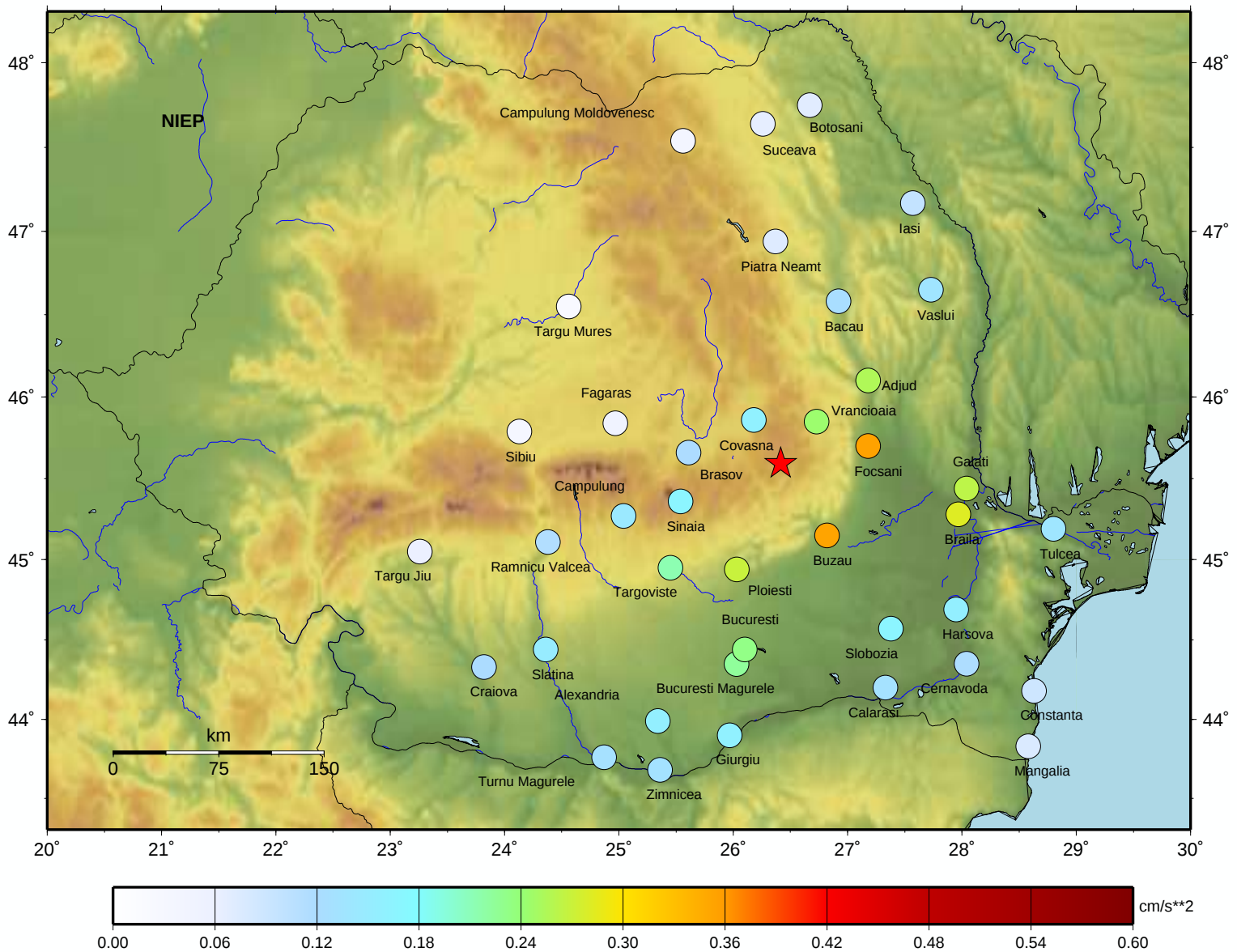
Thu Apr 30, 2020 02:54:01 GMT ML 3.3 N45.59 E26.42 Depth: 148.1km ID:30025401



Estimated accelerations based on GMPE::VS10 attenuation law

Maximum grid acceleration: 0.3924 (cm/sec**2); magnitude bias: 0.00

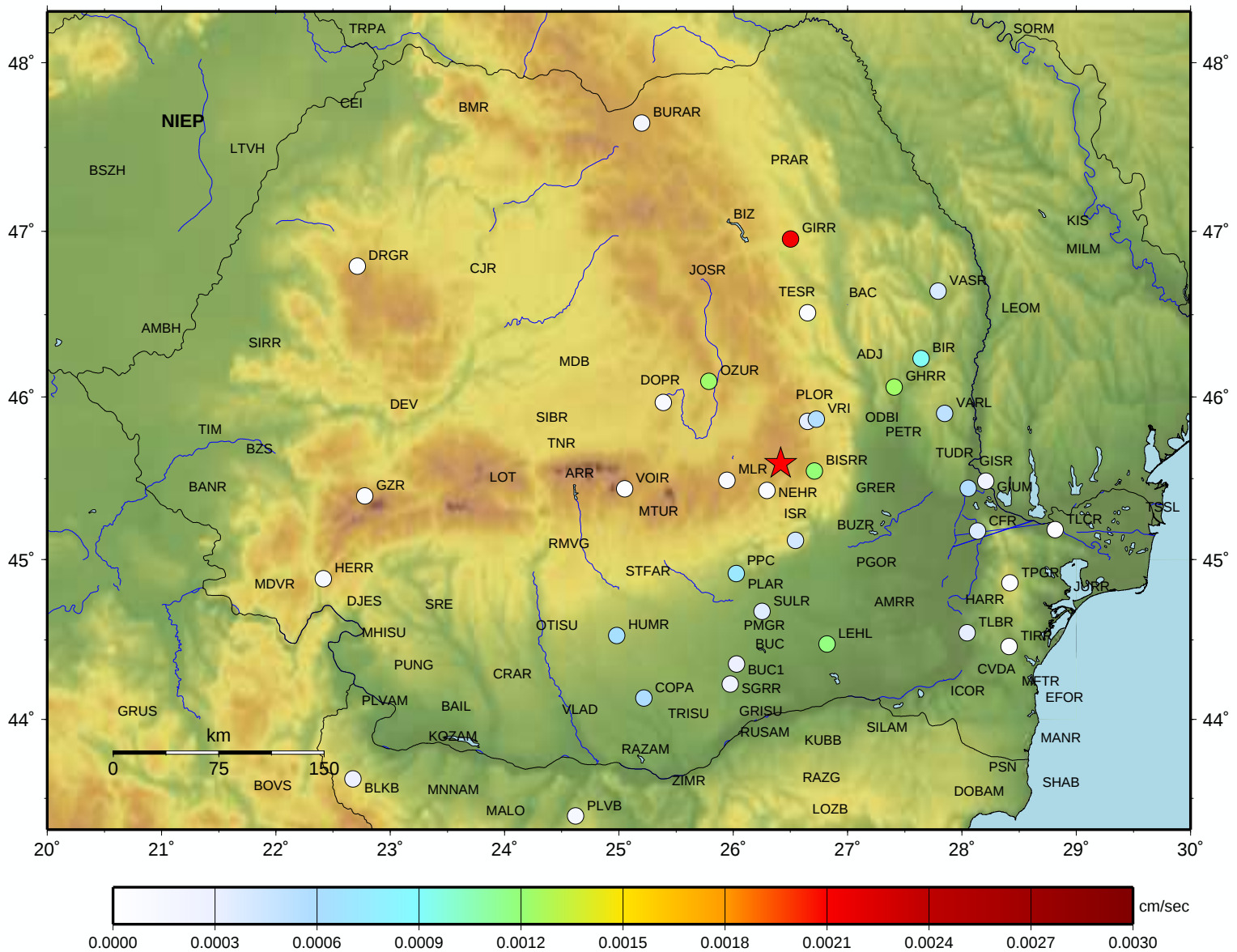
Thu Apr 30, 2020 02:54:01 GMT ML 3.3 N45.59 E26.42 Depth: 148.1km ID:30025401



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: GIRR_HHN 0.0021

Thu Apr 30, 2020 02:54:01 GMT ML 3.3 N45.59 E26.42 Depth: 148.1km ID:30025401



Estimated velocities based on GMPE::VS10 attenuation law

Maximum grid velocity : 0.0010 (cm/sec); magnitude bias: -0.42

Thu Apr 30, 2020 02:54:01 GMT ML 3.3 N45.59 E26.42 Depth: 148.1km ID:30025401

