



National Institute for Earth Physics - Magurele

Seismic report - automat

Event local time: Mon Apr 29,2019 01:14:29

Romania - Event 37807 - Moldova seismic zone

Sun Apr 28, 2019 22:14:29 GMT ML 3.5 N46.76 E26.39 Depth: 200.0km ID:37807

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

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Attenuation laws - GMPE::VS10 IPE::VS04_msk

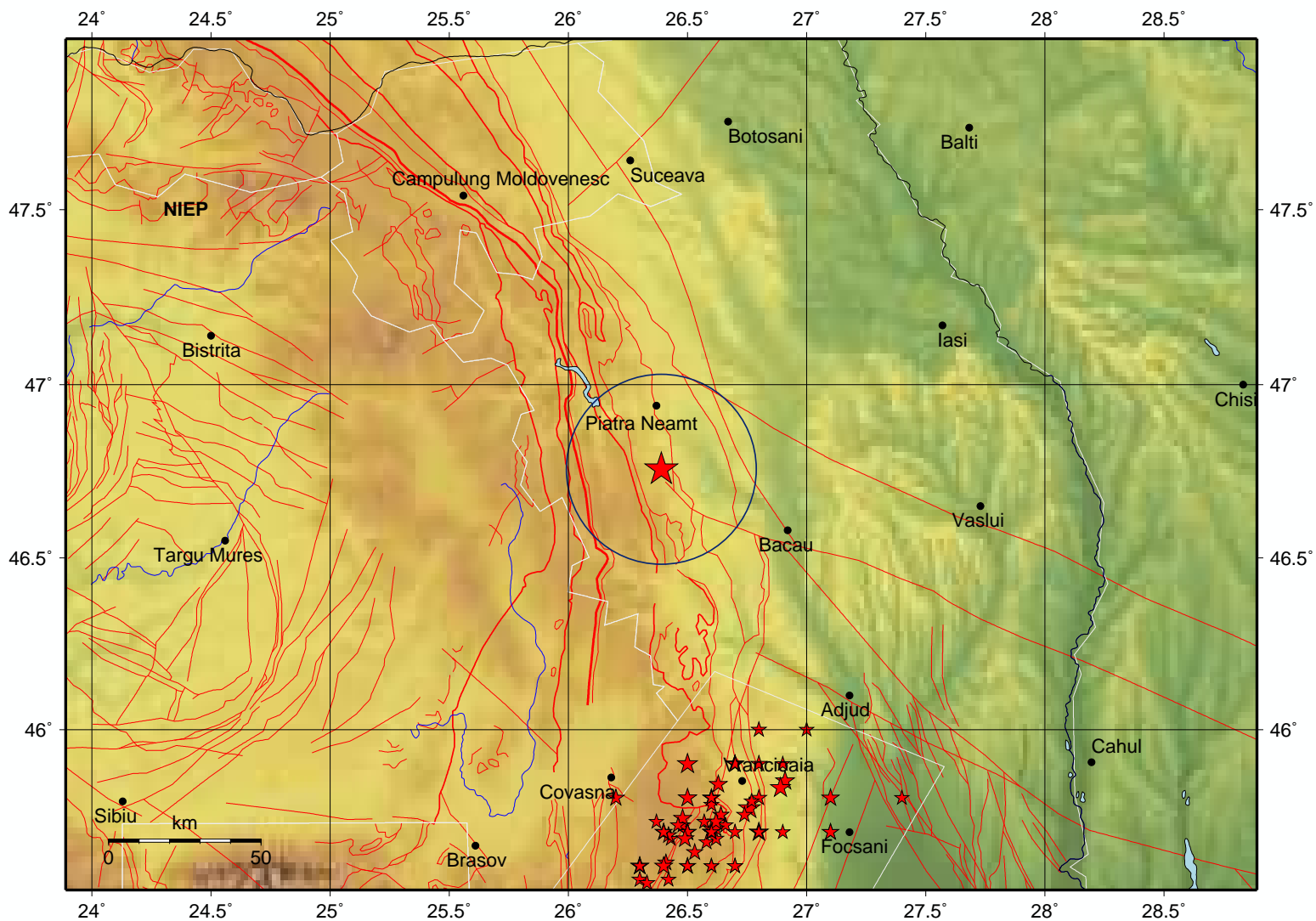
Max. grid values - pga: 0.0088(%g) pgv: 0.0011(cm/sec) mi: 1.7

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Local time

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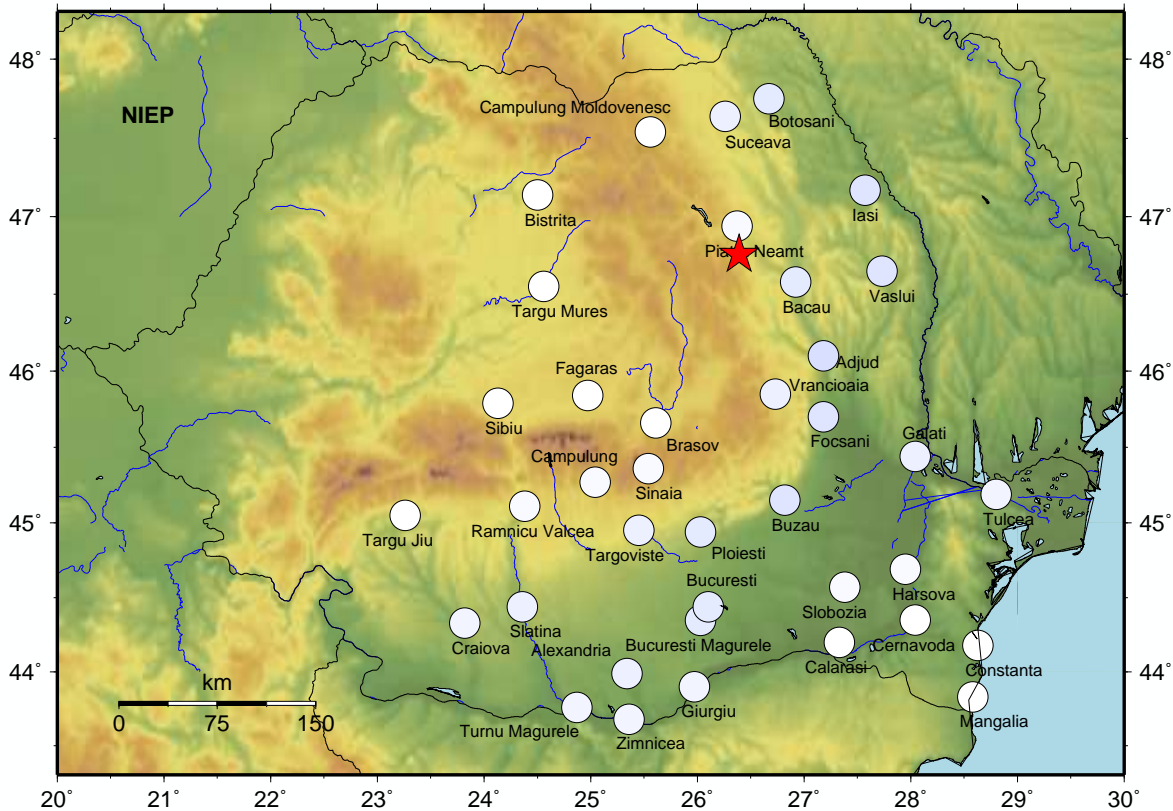
Fault lines 



Estimated intensities based on IPE::VS04_msk attenuation law

Epicentral intensity: I-II

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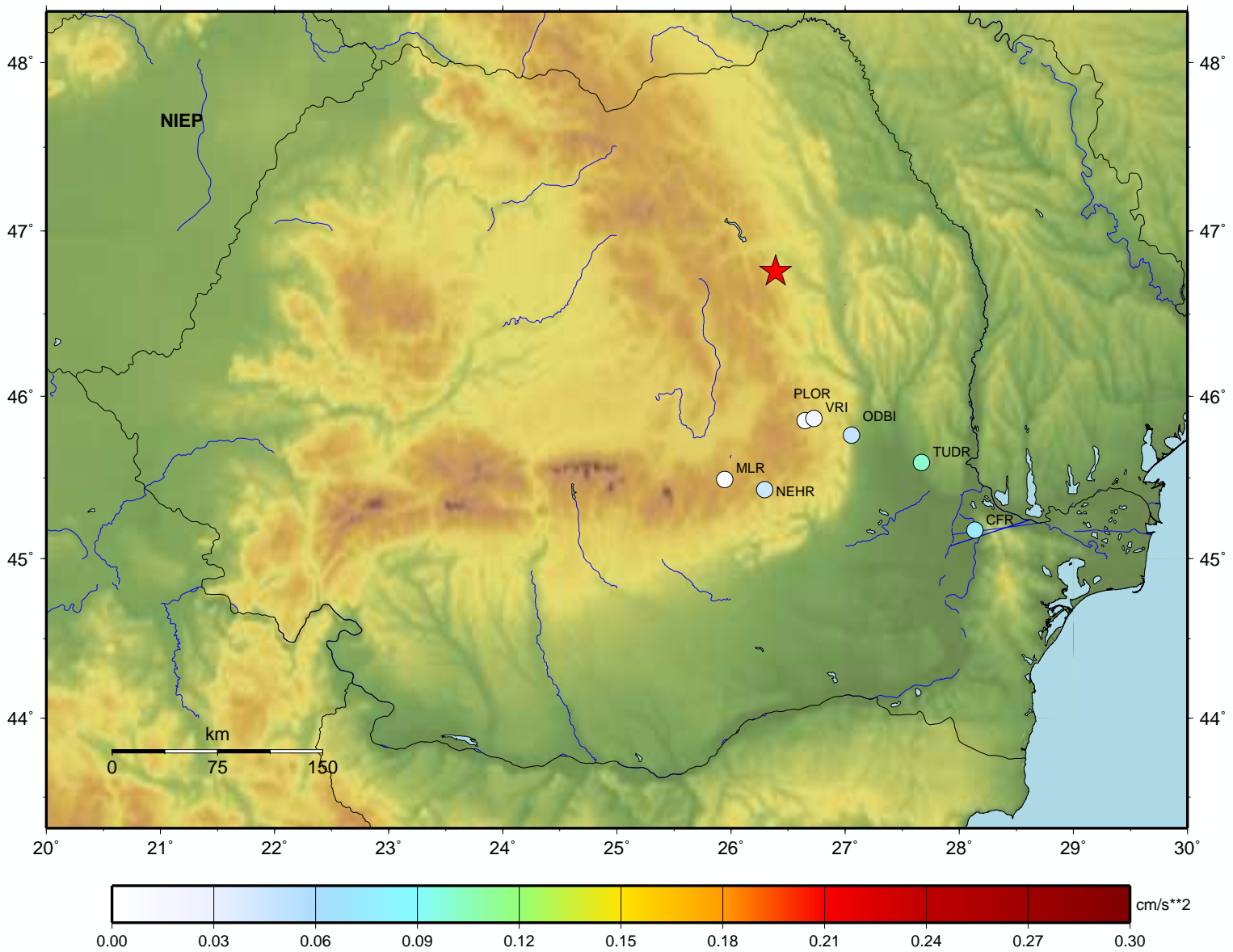
City	Distance(km)	Intensity
Piatra Neamt	20	I
Bacau	45	I-II
Adjud	94	I-II
Suceava	98	I-II
Iasi	100	I-II
Vaslui	103	I-II
Vrancea	104	I-II
Campulung M.	107	I
Botosani	112	I-II
Focsani	132	I-II
Brasov	135	I
Targu Mures	141	I
Fagaras	149	I
Bistrita	150	I
Sinaia	168	I
Buzau	181	I-II
Galati	194	I-II
Campulung	195	I
Ploiesti	203	I-II
Sibiu	204	I
Targoviste	213	I-II
Ramnicu Valcea	240	I
Slobozia	254	I
Tulcea	255	I
Bucuresti	258	I-II
Harsova	259	I
Bucuresti Magurele	269	I-II
Calarasi	293	I
Cernavoda	296	I
Slatina	302	I-II
Targu Jiu	308	I
Alexandria	318	I-II
Giurgiu	319	I
Constanta	335	I
Craiova	336	I
Zimnicea	351	I
Turnu Magurele	353	I
Mangalia	367	I

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 accelerations - Antelope platform (cm/sec**2)

Maximum observed acceleration: TUDR_HNE 0.1007

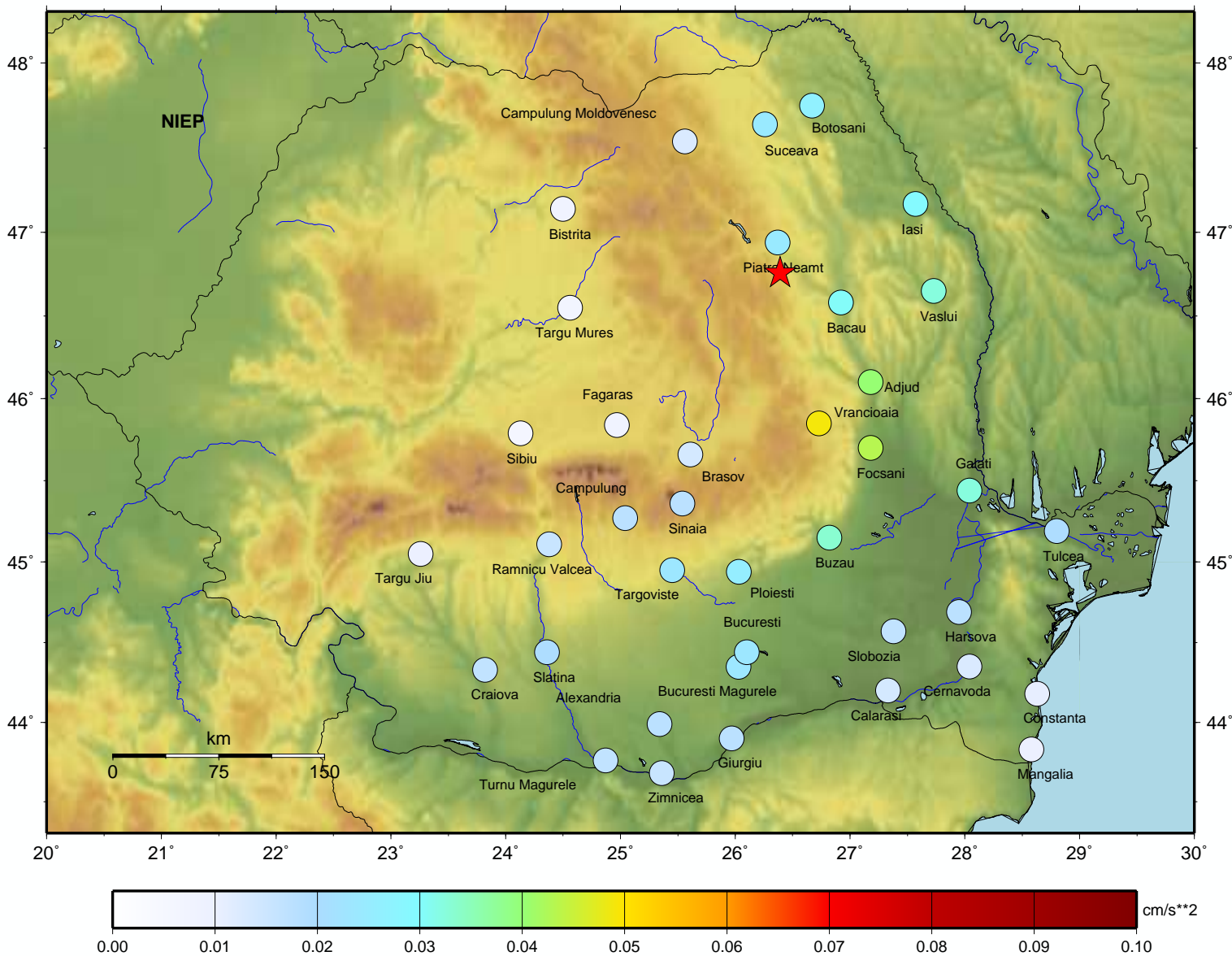
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Estimated accelerations based on GMPE::VS10 attenuation law

Maximum grid acceleration: 0.0863 (cm/sec**2); magnitude bias: -0.63

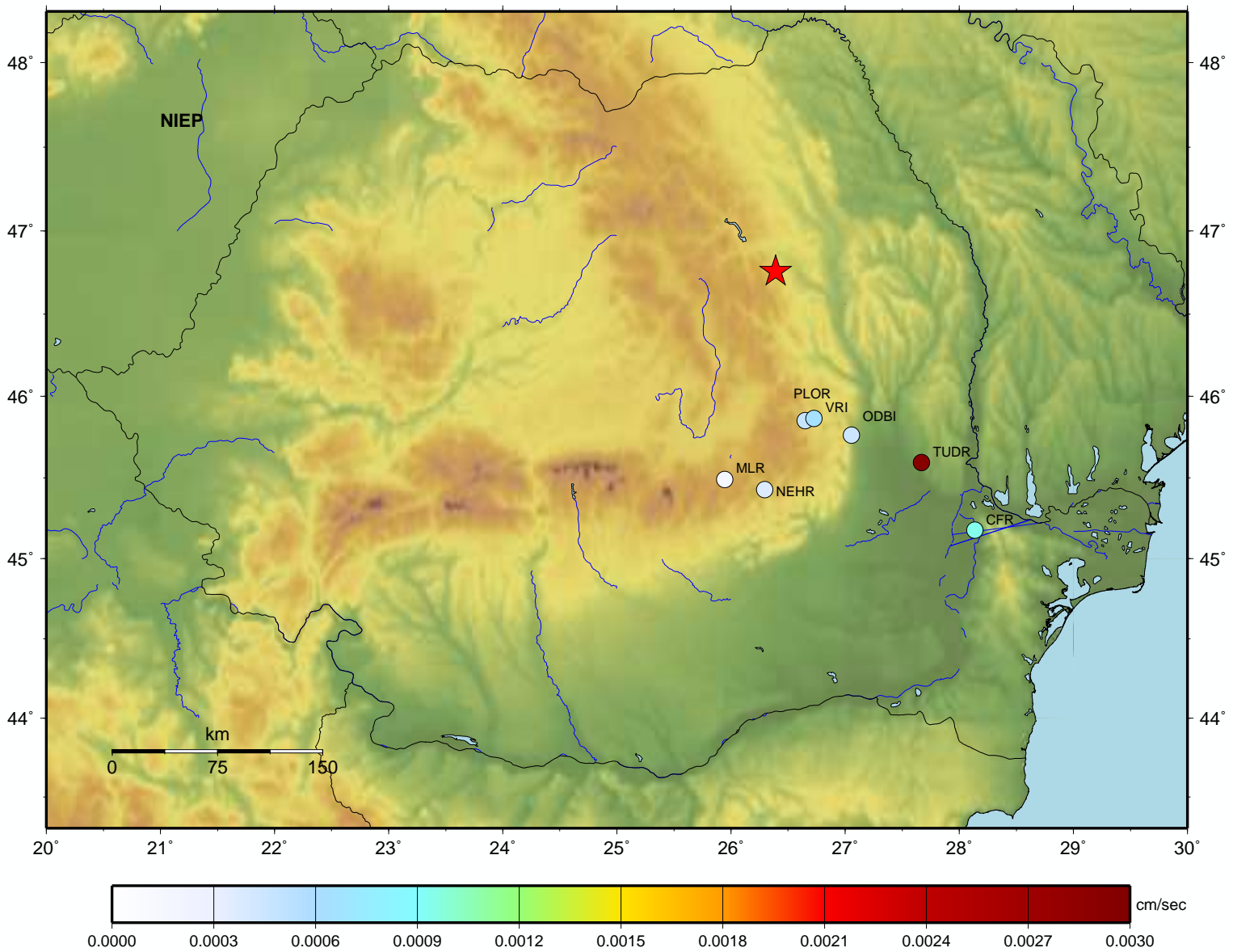
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Observed stations velocities - Antelope platform (cm/sec)

Maximum observed velocity: TUDR_HHE 0.0029

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Estimated velocities based on GMPE::VS10 attenuation law

Maximum grid velocity : 0.0011 (cm/sec); magnitude bias: -0.26

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