



National Institute for Earth Physics - Magurele

Seismic report - manual

Event local time: Sun Apr 05,2020 13:46:03

Romania - Event 95104603 - Muntenia seismic zone

Sun Apr 5, 2020 10:46:03 GMT ML 3.0 N45.29 E27.12 Depth: 102.7km ID:95104603

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

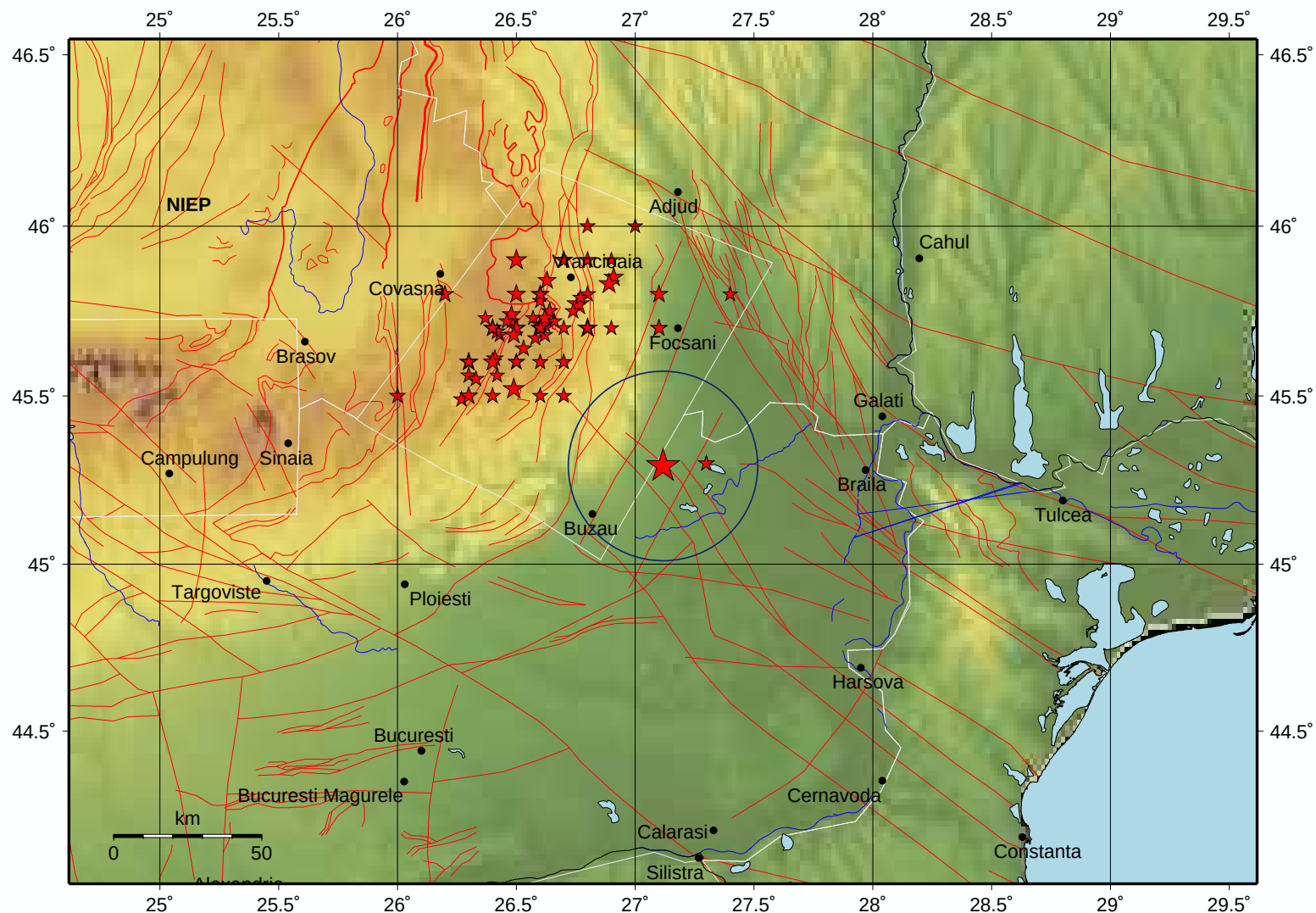
Max. grid values – pga: 0.0602(%g) pgv: 0.0026(cm/sec) mi: 1.7

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Local time

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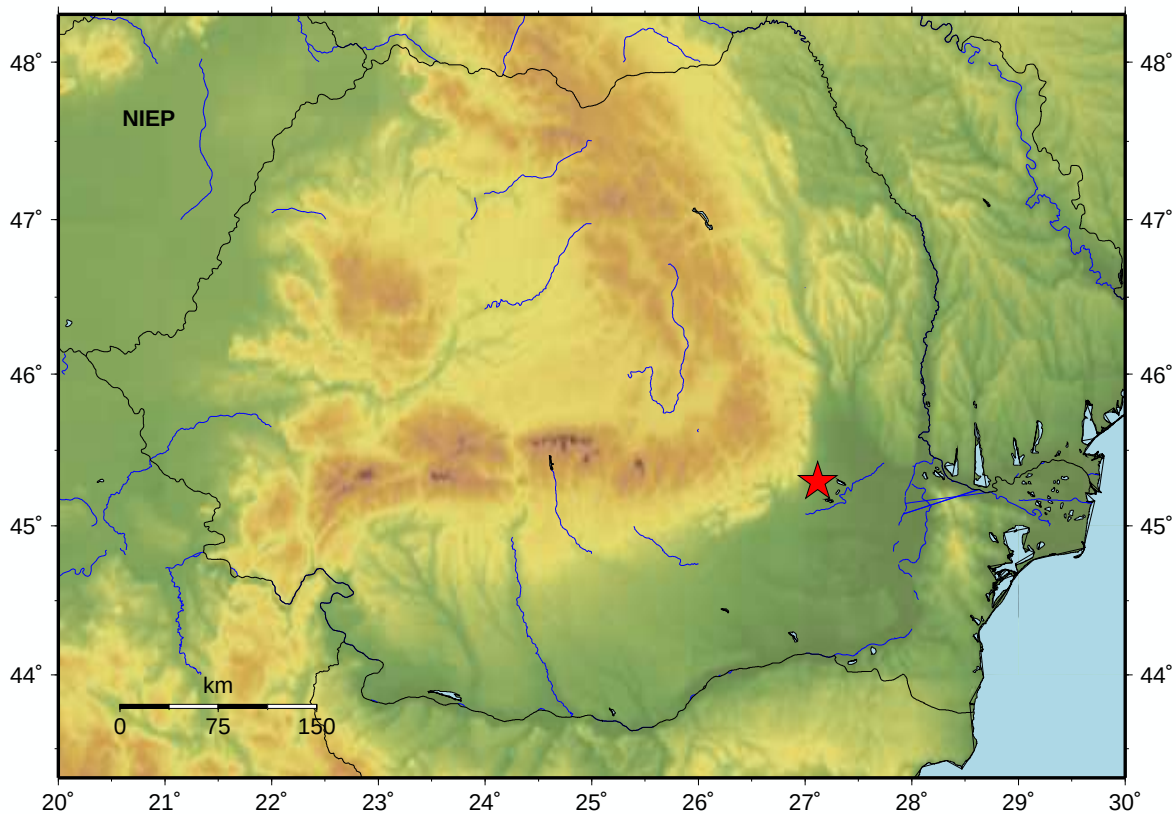
Fault lines



Estimated intensities based on IPE::VS04_msk attenuation law

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City Distance(km)



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+

Maximum observed acceleration: _

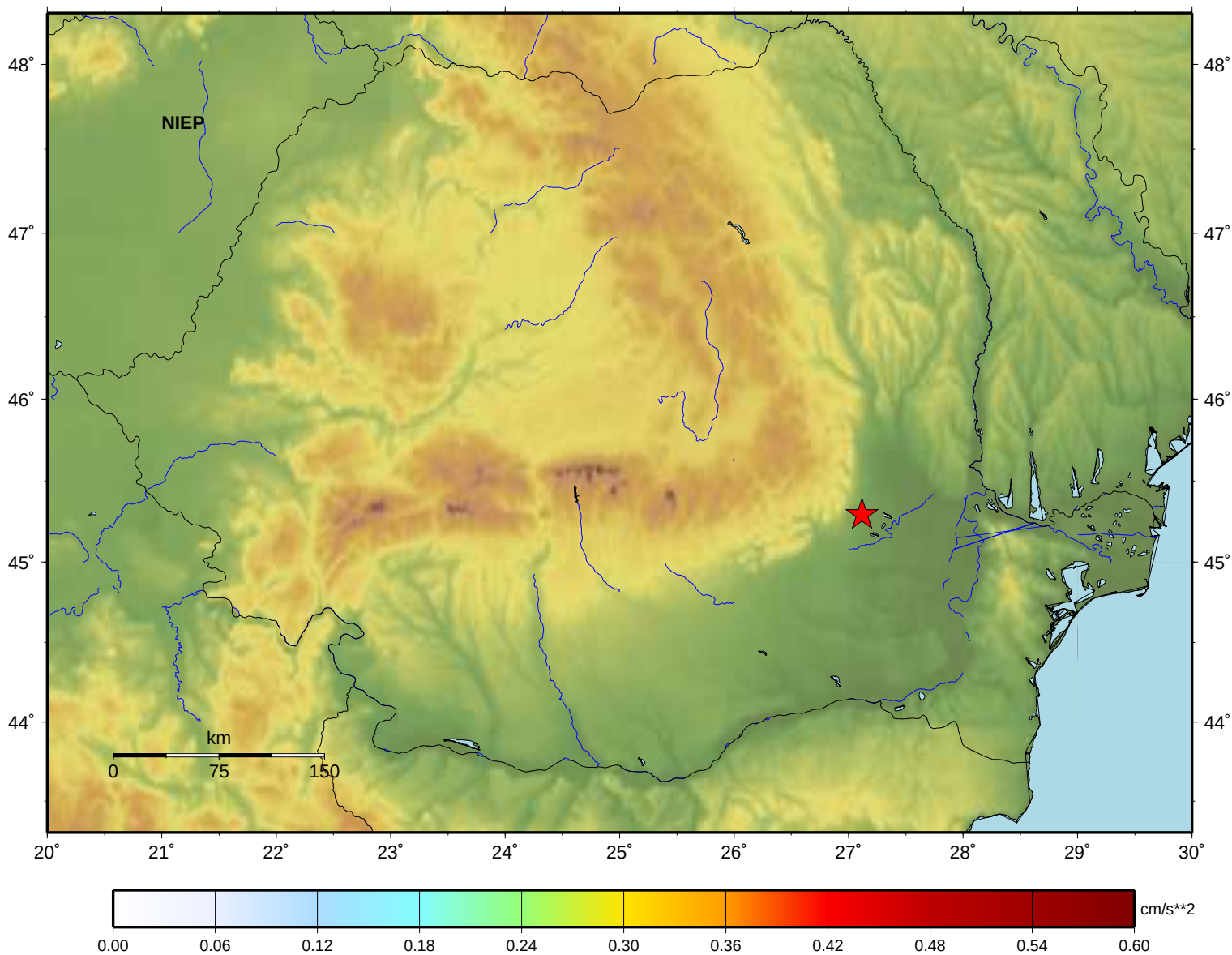
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Estimated accelerations based on GMPE::VS10 attenuation law

Maximum grid acceleration: 0.5906 (cm/sec**2); magnitude bias: 0.00

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Maximum observed velocity: LEHL_HHE 0.0014



Estimated velocities based on GMPE::VS10 attenuation law

Maximum grid velocity : 0.0026 (cm/sec); magnitude bias: 0.00

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