

Antelope - associated stations measurements on atlas2 ronet database

HUNGARY - evid 39618

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/08/11	23:29:47.195	47.667	20.211	30.0	3.8		39877
Sta	Chan	PGV	PGA				
* 1	CJR	HNZ	0.000				
	CJR	HNE	0.024				
	CJR	HNN	-0.023				
* 2	SURR	HHE	-0.000				
	SURR	HHZ	0.000				
	SURR	HHN	-0.001				
	SURR	HNZ	-0.018				
	SURR	HNN	0.019				
* 3	BZS	HHE	-0.000				
	BZS	HHZ	-0.000				
	BZS	HHN	-0.000				
	BZS	HNZ	0.006				
	BZS	HNE	-0.006				
	BZS	HNN	-0.006				
* 4	MESR	HHZ	0.002				
	MESR	HHN	0.004				
	MESR	HNE	0.100				
	MESR	HNN	0.002				
* 5	SIRR	HHN	0.000				
	SIRR	HNE	-0.019				
* 6	MARR	HHZ	0.000				
	MARR	HHN	0.000				
	MARR	HNZ	0.000				
	MARR	HNE	0.190				
* 7	CEI	EHE	-0.004				
	CEI	EHN	0.007				
	CEI	EHZ	0.002				
	CEI	HNZ	0.101				
	CEI	HNE	0.198				
	CEI	HNN	0.283				
* 8	DEV	HHE	-0.001				
	DEV	HHZ	0.001				
	DEV	HHN	0.000				
	DEV	HNZ	-0.022				
	DEV	HNE	0.078				
	DEV	HNN	0.033				
* 9	BORR	HHE	0.000				
	BORR	HHZ	-0.002				
	BORR	HHN	0.000				
	BORR	HNZ	0.123				
	BORR	HNN	0.000				
* 10	DRGR	HHE	0.001				
	DRGR	HHZ	-0.001				
	DRGR	HHN	0.000				
	DRGR	HNE	0.015				
	DRGR	HNN	0.021				
* 11	BMR	HHZ	-0.001				
	BMR	HHN	0.000				

BMR	HNZ	0.000
BMR	HNN	0.009

* Associated RO stations: 11
Excluded stations:

Largest velocities (cm/sec) and accelerations (cm/sec**2)

Velocity	CEI_EHN	0.007
Acceleration	CEI_HNN	0.283

Stations max. horizontal acceleration and MSK intensity

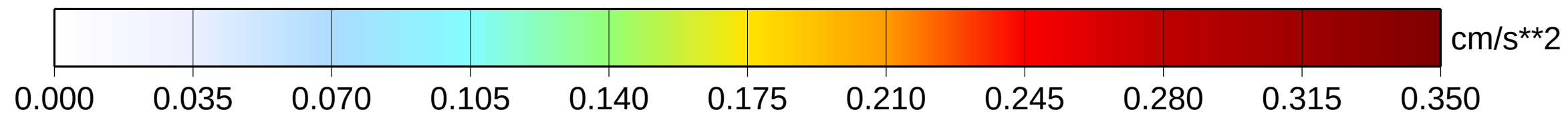
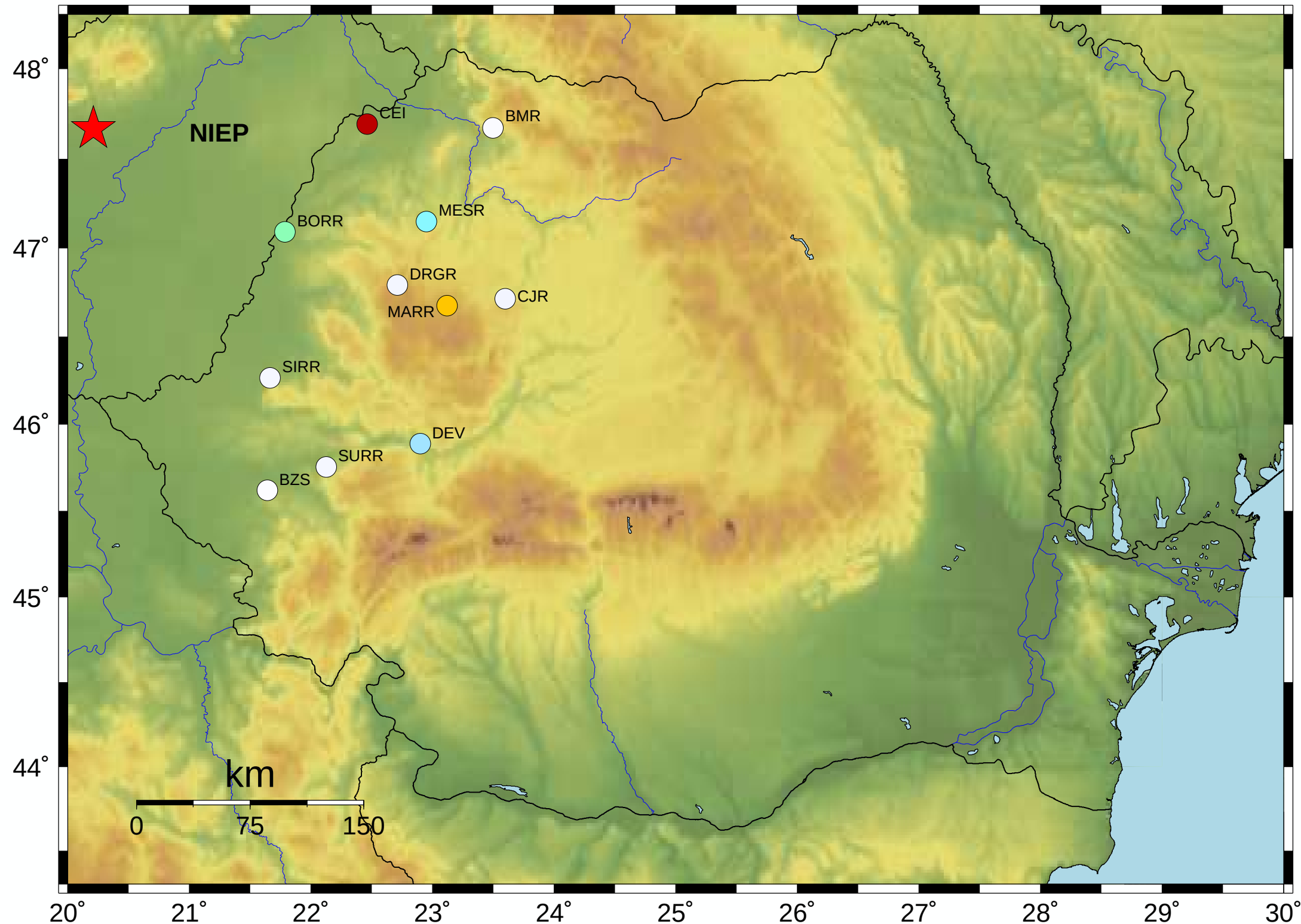
1	BMR_HNN	0.009	I
2	BORR_HNE		
3	BZS_HNE	0.006	I
4	CEI_HNN	0.283	I
5	CJR_HNE	0.024	I
6	DEV_HNE	0.078	I
7	DRGR_HNN	0.021	I
8	MARR_HNE	0.190	I
9	MESR_HNE	0.100	I
10	SIRR_HNE	0.019	I
11	SURR_HNN	0.019	I

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

Maximum observed acceleration: CEI_HNN 0.283

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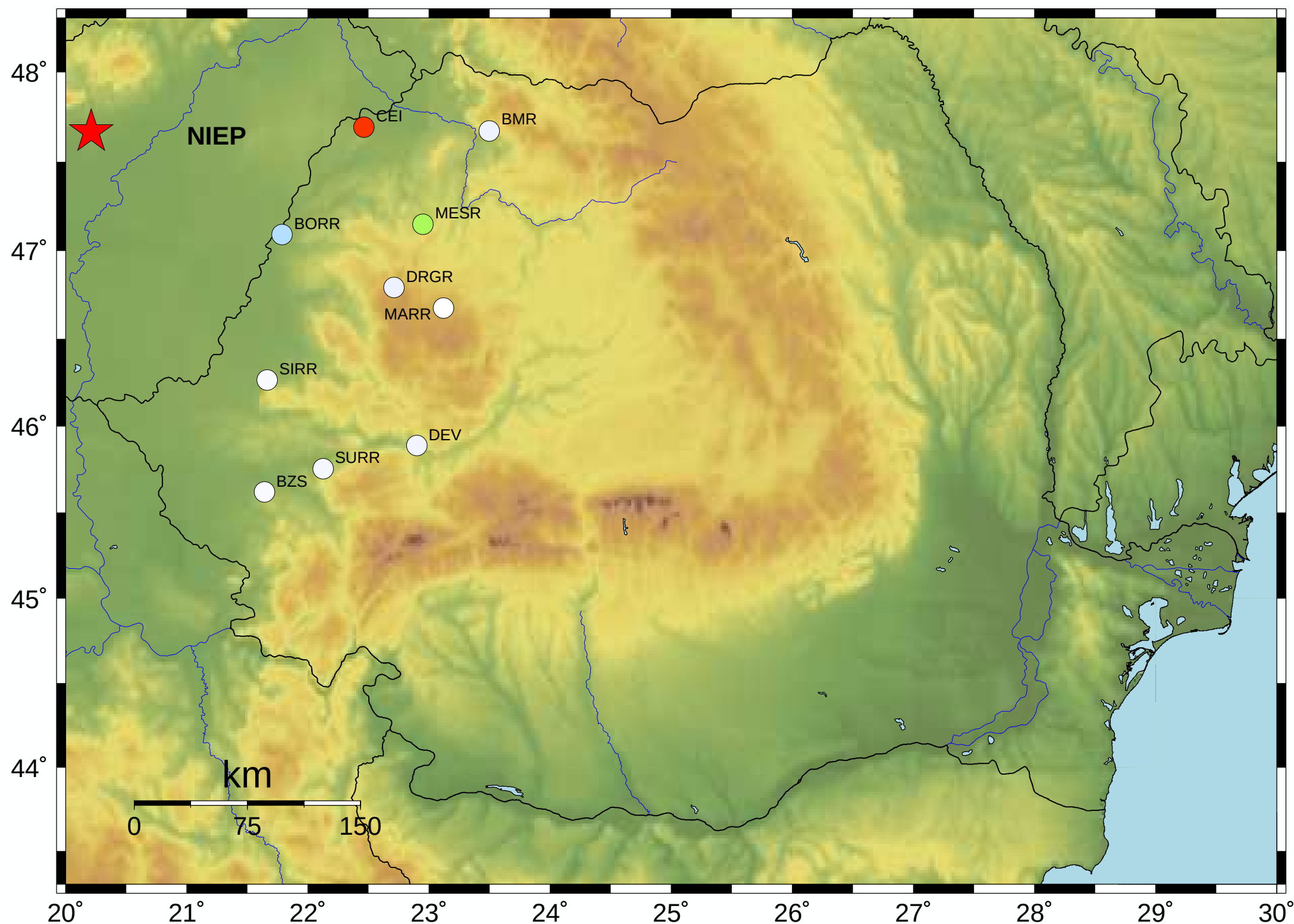
Station	Dist.(km)	Acc.
CEI	168	0.283
MARR	245	0.190
BORR	134	0.123
MESR	213	0.100
DEV	284	0.078
CJR	277	0.024
DRGR	212	0.021
SURR	258	0.019
SIRR	190	0.019
BMR	246	0.009
BZS	252	0.006



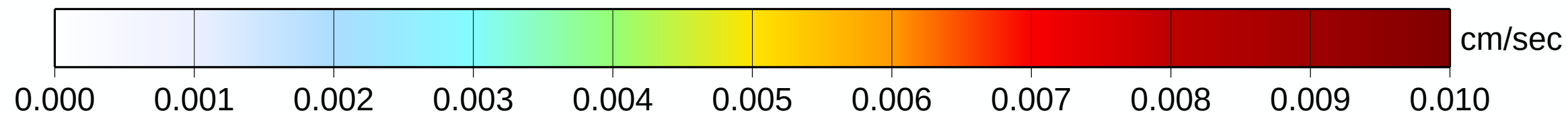
Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: CEI_EHN 0.007

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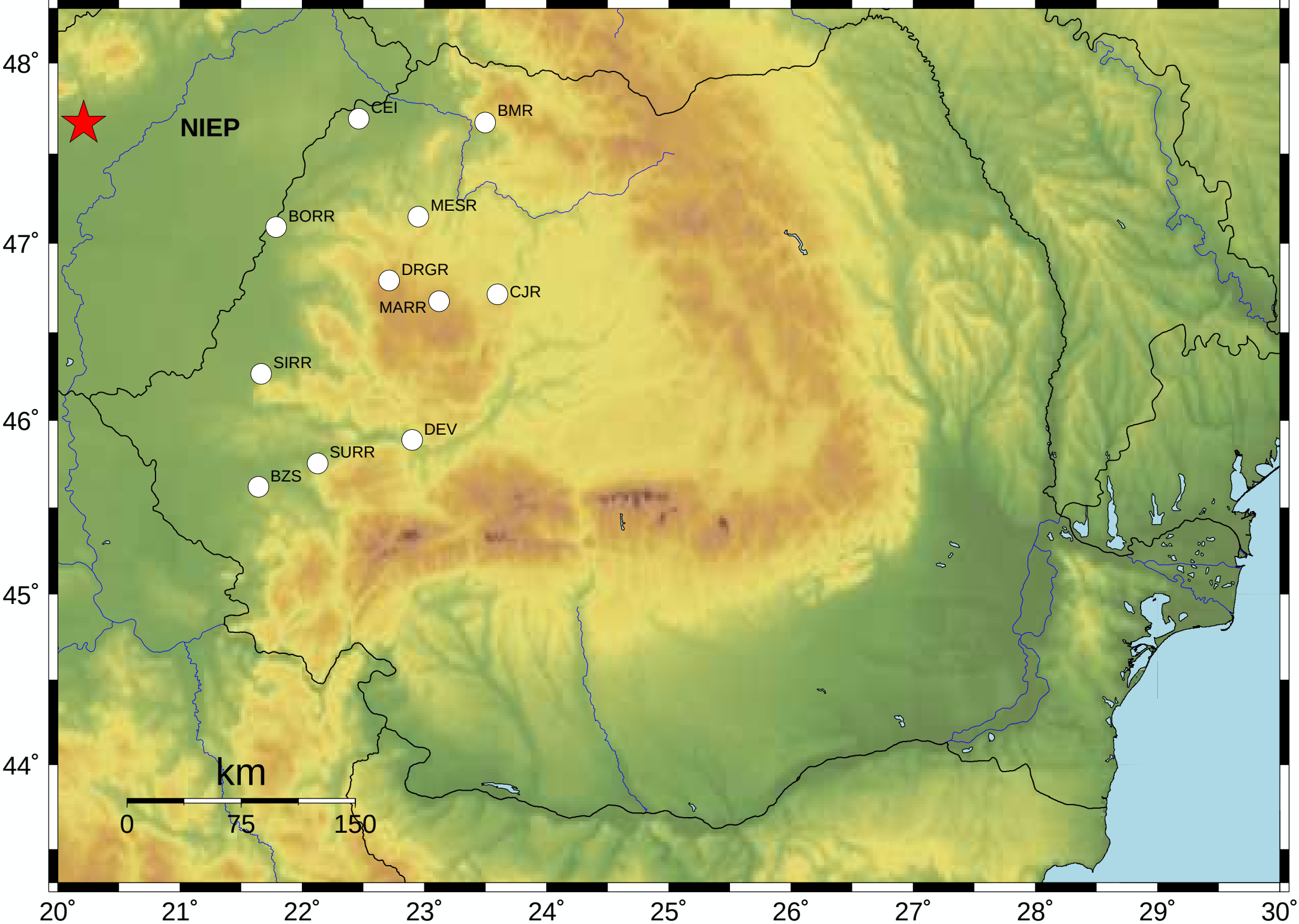
Station	Dist.(km)	Velocity
CEI	168	0.007
MESR	213	0.004
BORR	134	0.002
DRGR	212	0.001
BMR	246	0.001
DEV	284	0.001
SURR	258	0.001
BZS	252	0.000
SIRR	190	0.000
MARR	245	0.000



MSK macroseismic intensities map

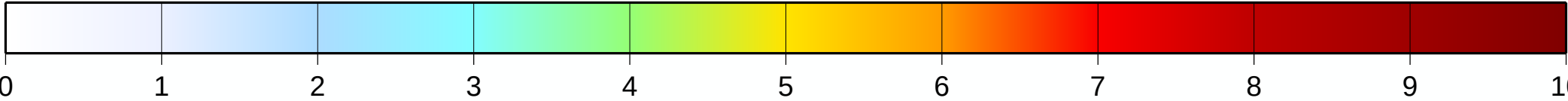
Maximum MSK intensity: CEI_HNN I

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Station	Dist.(km)	IMSK
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SURR	258	I
SIRR	191	I
MESR	214	I
MARR	246	I
DRGR	212	I
DEV	285	I
CJR	277	I
CEI	169	I
BZS	253	I
BMR	246	I



MSK intensity scale