

Antelope - associated stations measurements on atlas2 ronet database

NORTHERN MID-ATLANTIC RIDGE - evid 39931

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/09/02	22:45:42.558	23.228	-46.116	15.0		5.67	40190

	Sta	Chan	PGV	PGA
*	1	DEV	HHE	0.000
		DEV	HHZ	0.000
		DEV	HHN	0.000
		DEV	HNZ	0.003
		DEV	HNE	0.008
		DEV	HNN	-0.005
*	2	MDVR	HNZ	0.000
*	3	BZS	HHE	-0.000
		BZS	HHZ	0.000
		BZS	HHN	0.000
		BZS	HNZ	-0.002
		BZS	HNE	0.002
		BZS	HNN	-0.002
*	4	SIRR	HNE	0.000
*	5	HERR	HHE	0.001
		HERR	HHZ	0.000
		HERR	HHN	-0.001
		HERR	HNZ	0.025
		HERR	HNE	0.065
		HERR	HNN	0.103
*	6	GZR	HHE	0.000
		GZR	HHN	0.000
		GZR	HNZ	0.002
*	7	DRGR	HHN	-0.000
*	8	MARR	HHE	-0.000
		MARR	HHZ	0.000
		MARR	HHN	0.000

* Associated RO stations: 9
Excluded stations:

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

Velocity	HERR_HHE	0.001
Acceleration	HERR_HNN	0.103

Stations max. horizontal acceleration and MSK intensity

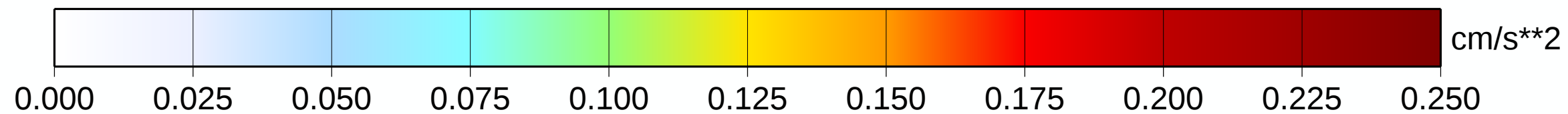
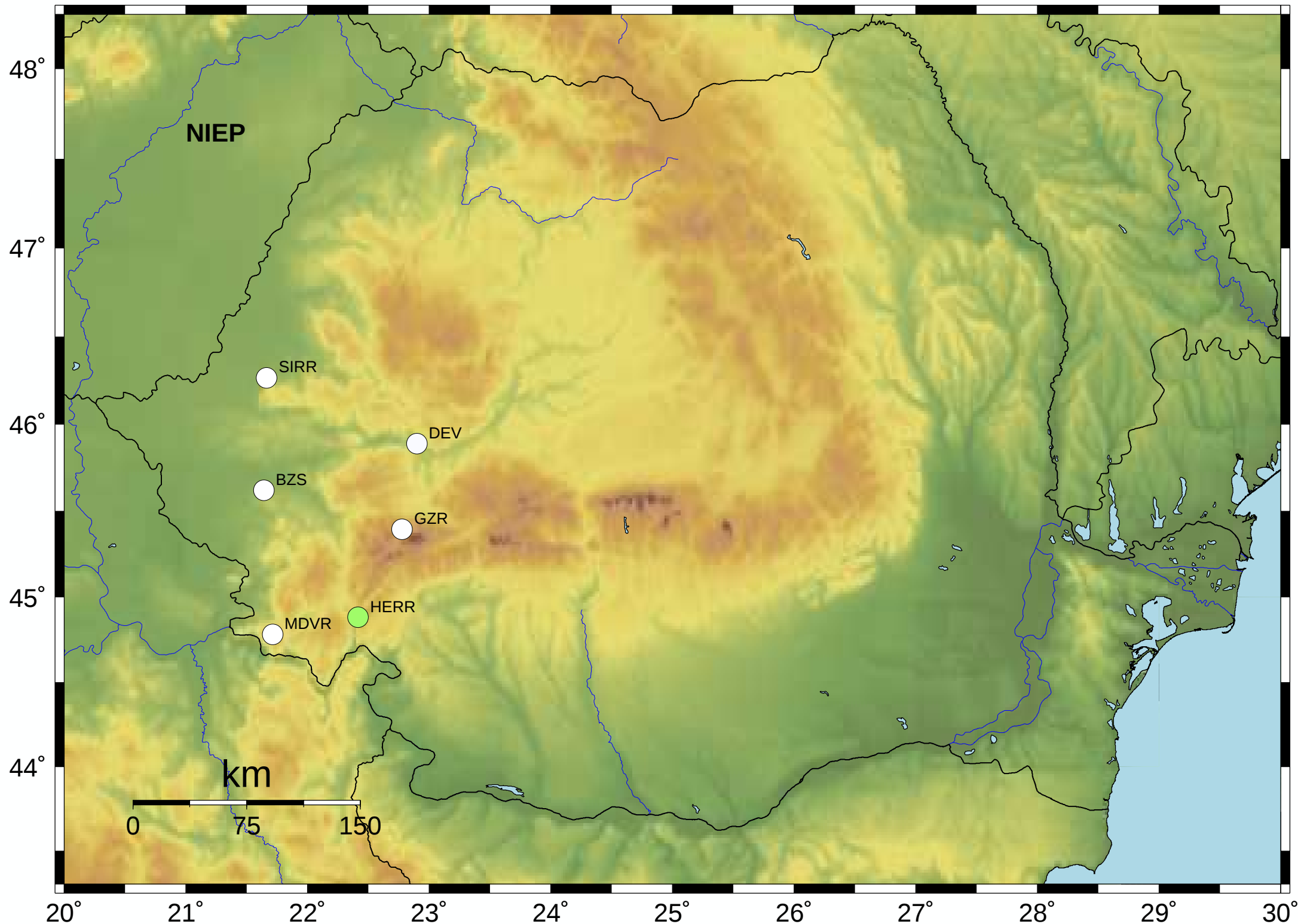
1	BZS_HNE	0.002	I
2	DEV_HNE	0.008	I
3	HERR_HNN	0.103	I
4	SIRR_HNE	0.000	

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

Maximum observed acceleration: HERR_HNN 0.103

Mon Sep 2, 2019 22:45:42 GMT ML Mb 5.7 N23.23 W46.12 Depth: 15.0km ID:39931

Station	Dist.(km)	Acc.
HERR	6757	0.103
DEV	6803	0.008
GZR	6790	0.002
BZS	6694	0.002
SIRR	6701	0.000

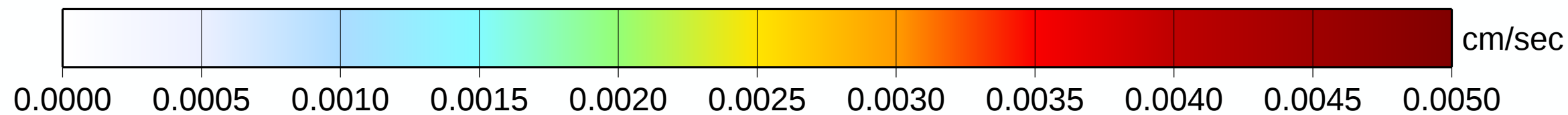
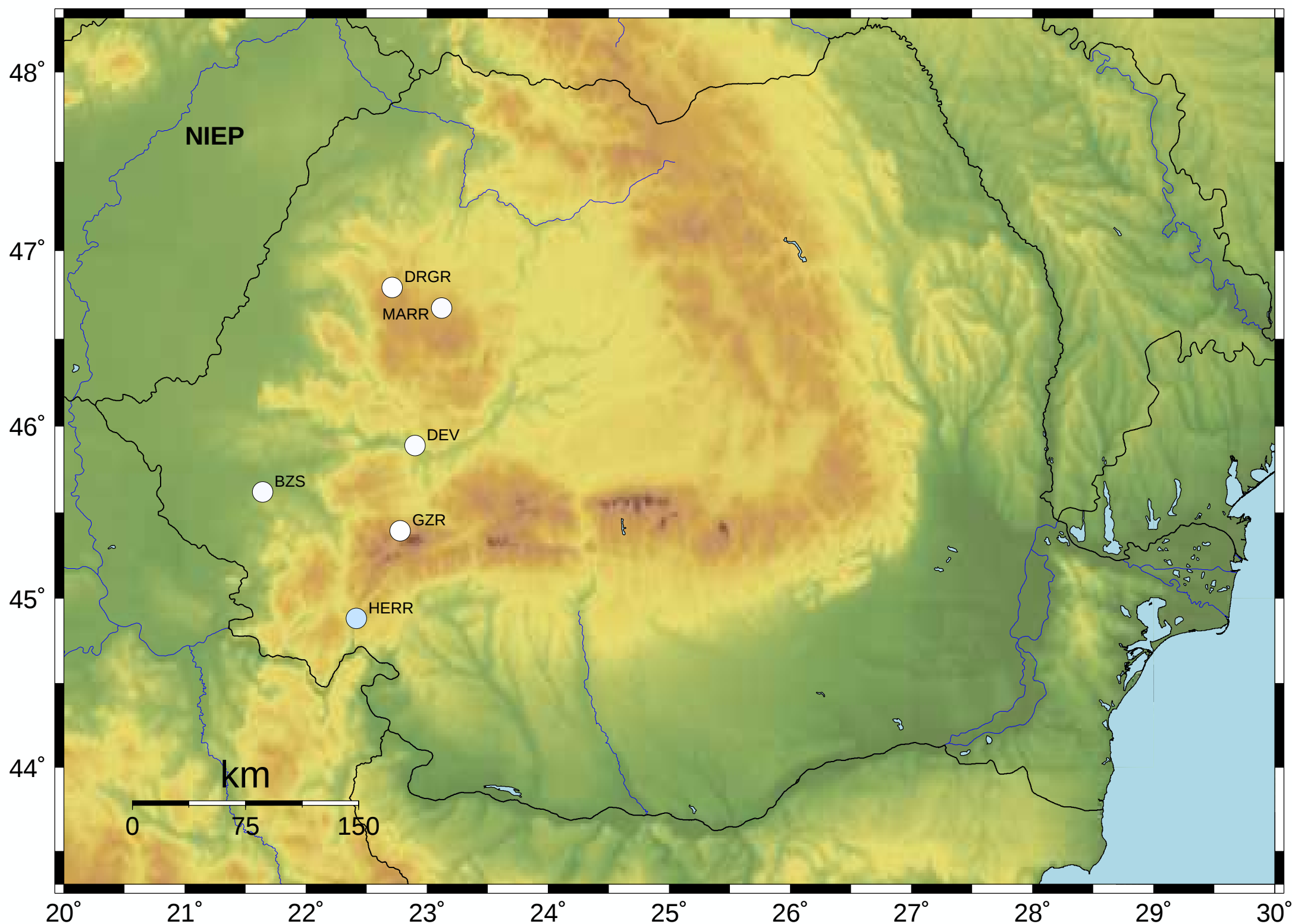


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HERR_HHE 0.001

Mon Sep 2, 2019 22:45:42 GMT ML Mb 5.7 N23.23 W46.12 Depth: 15.0km ID:39931

Station	Dist.(km)	Velocity
HERR	6757	0.001
BZS	6694	0.000
DEV	6803	0.000
MARR	6827	0.000
GZR	6790	0.000
DRGR	6793	0.000



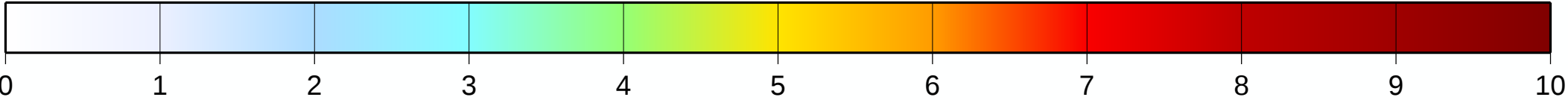
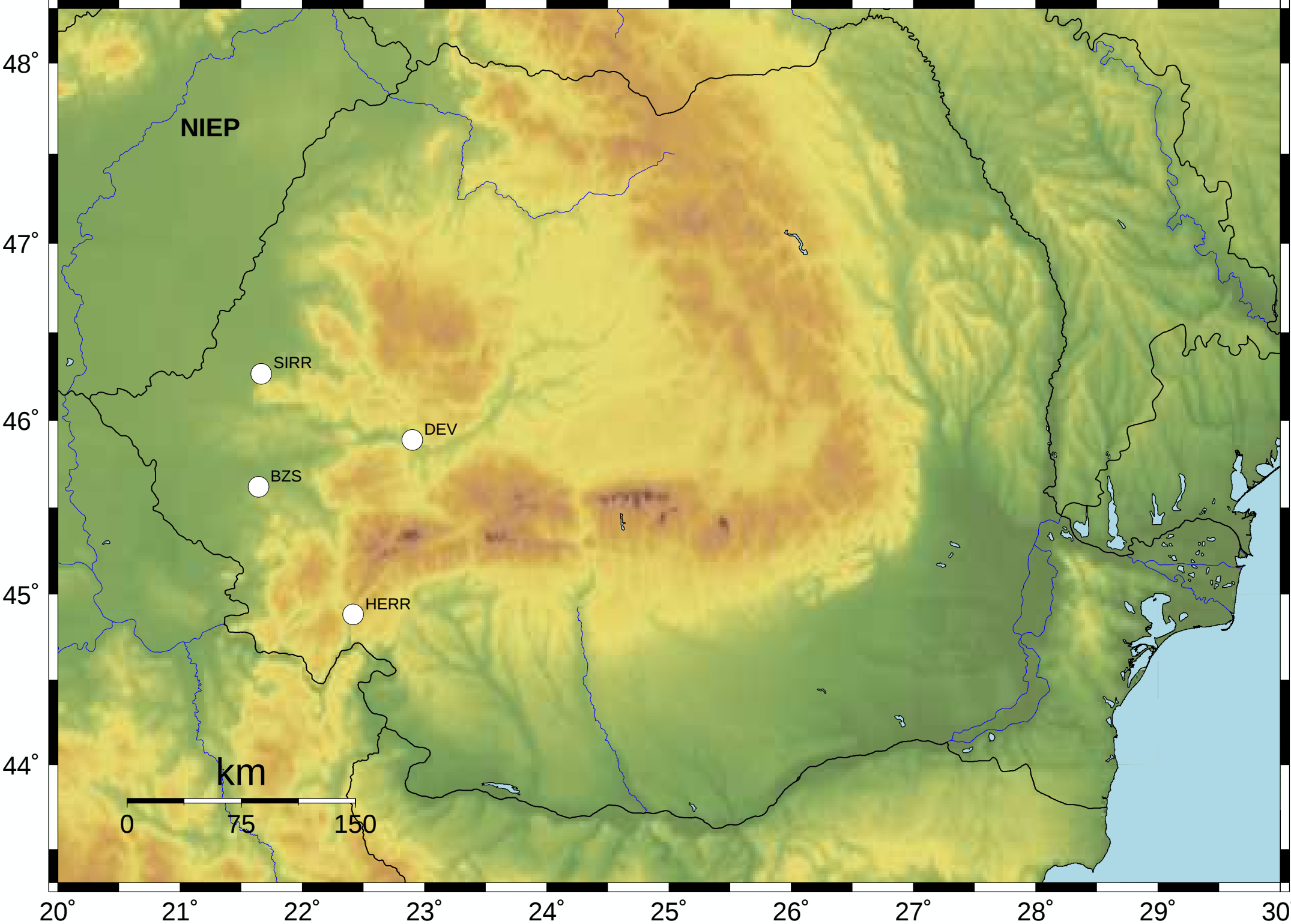
MSK macroseismic intensities map

Maximum MSK intensity: HERR_HNN I

Mon Sep 2, 2019 22:45:42 GMT ML Mb 5.7 N23.23 W46.12 Depth: 15.0km ID:39931

Station Dist.(km) IMSK

HERR	6757	I
DEV	6804	I
BZS	6695	I



MSK intensity scale