

Antelope - associated stations measurements on atlas2 ronet database

UTAH - evid 43715

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/03/18	13:09:35.597	40.777	-112.056	15.0		5.93	43974

	Sta	Chan	PGV	PGA
*	1	BZS	HHE	-0.000
		BZS	HHZ	-0.000
		BZS	HHN	0.000
		BZS	HNZ	0.001
		BZS	HNE	0.001
		BZS	HNN	-0.002
*	2	CFR	HHE	-0.000
		CFR	HHZ	-0.000
		CFR	HHN	0.000
		CFR	HNZ	-0.004
		CFR	HNE	-0.006
		CFR	HNN	-0.007
*	3	DOPR	HNN	-0.006
*	4	GZR	HNZ	-0.002
*	5	DRGR	HHE	0.000
		DRGR	HHN	-0.000
*	6	MARR	HHE	0.000
		MARR	HNE	-0.003
		MARR	HNN	0.000

* Associated RO stations: 8
Excluded stations:

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

Velocity	MARR_HHE	0.000
Acceleration	CFR_HNN	0.007

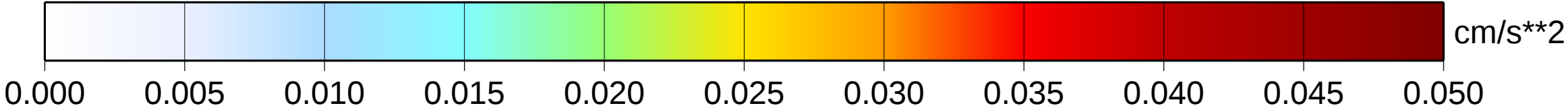
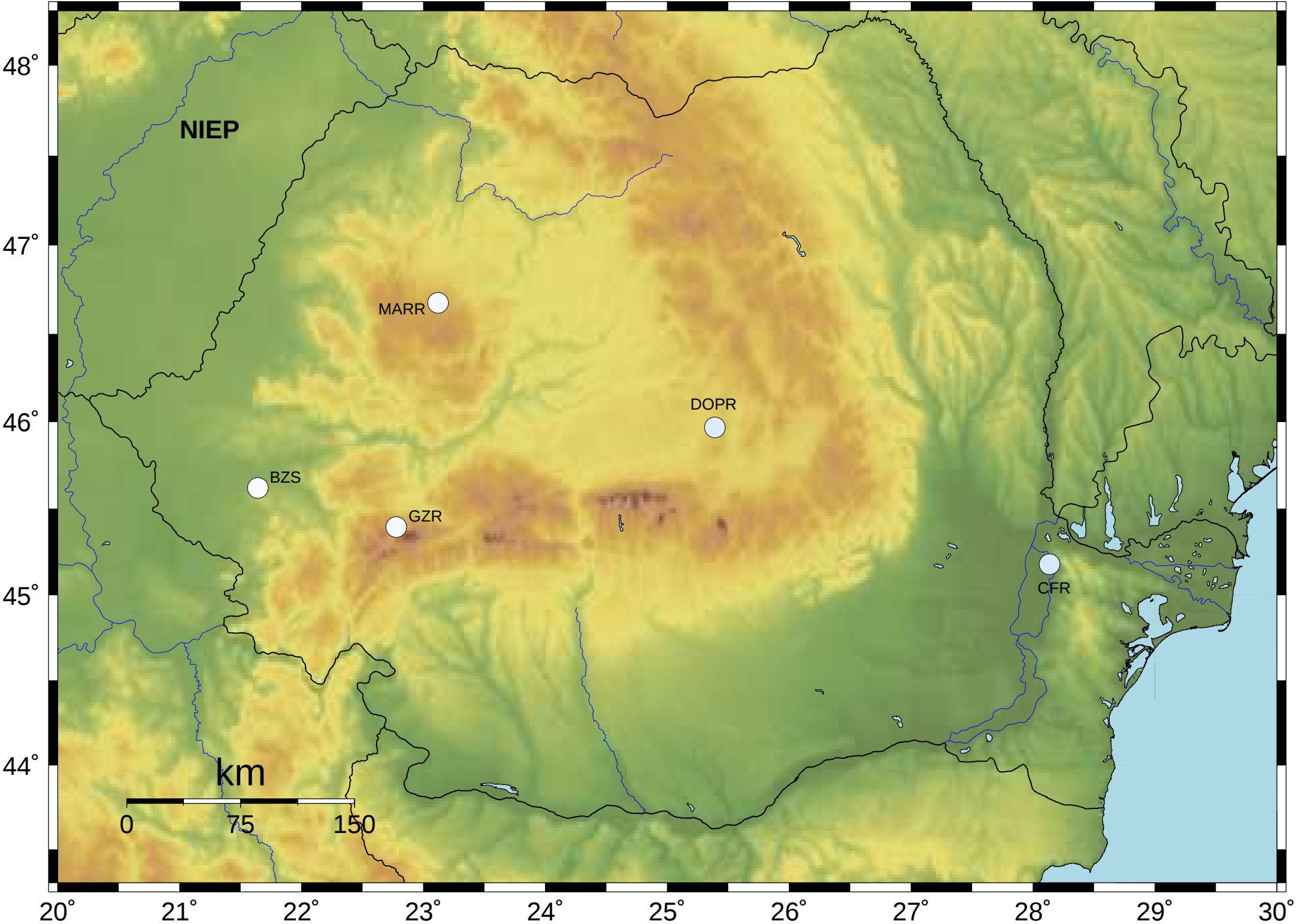
Stations max. horizontal acceleration and MSK intensity

1	BZS_HNN	0.002	I
2	CFR_HNN	0.007	I
3	DOPR_HNN	0.006	I
4	MARR_HNE	0.003	I

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

Maximum observed acceleration: CFR_HNN 0.007
Wed Mar 18, 2020 13:09:35 GMT ML Mb 5.9 N40.78 W112.06 Depth: 15.0km ID:43715

Station	Dist.(km)	Acc.
CFR	11415	0.007
DOPR	11124	0.006
MARR	10881	0.003
GZR	10961	0.002
BZS	10850	0.002

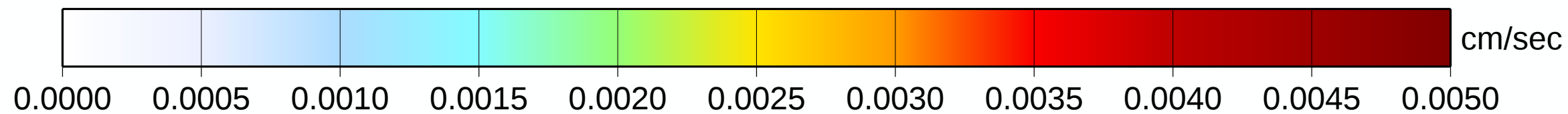
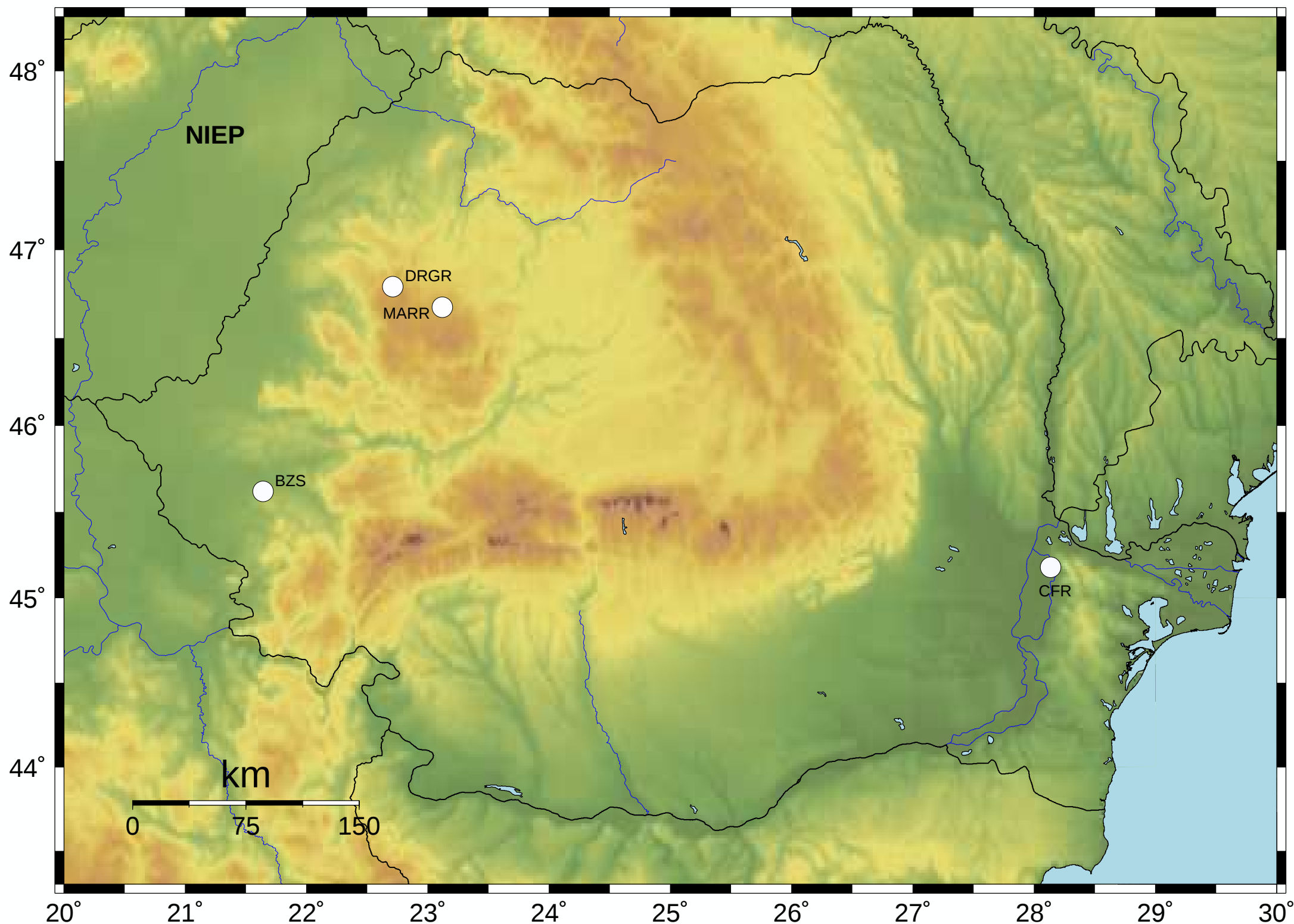


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: CFR_HHZ 0.000

Wed Mar 18, 2020 13:09:35 GMT ML Mb 5.9 N40.78 W112.06 Depth: 15.0km ID:43715

Station	Dist.(km)	Velocity
CFR	11415	0.000
BZS	10850	0.000
DRGR	10839	0.000
MARR	10881	0.000

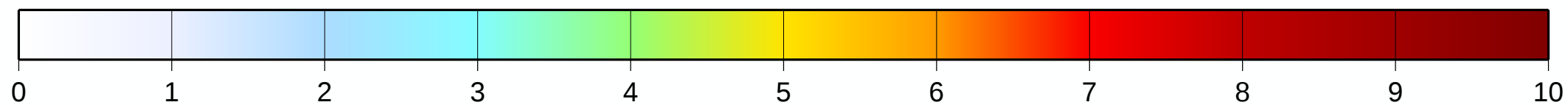
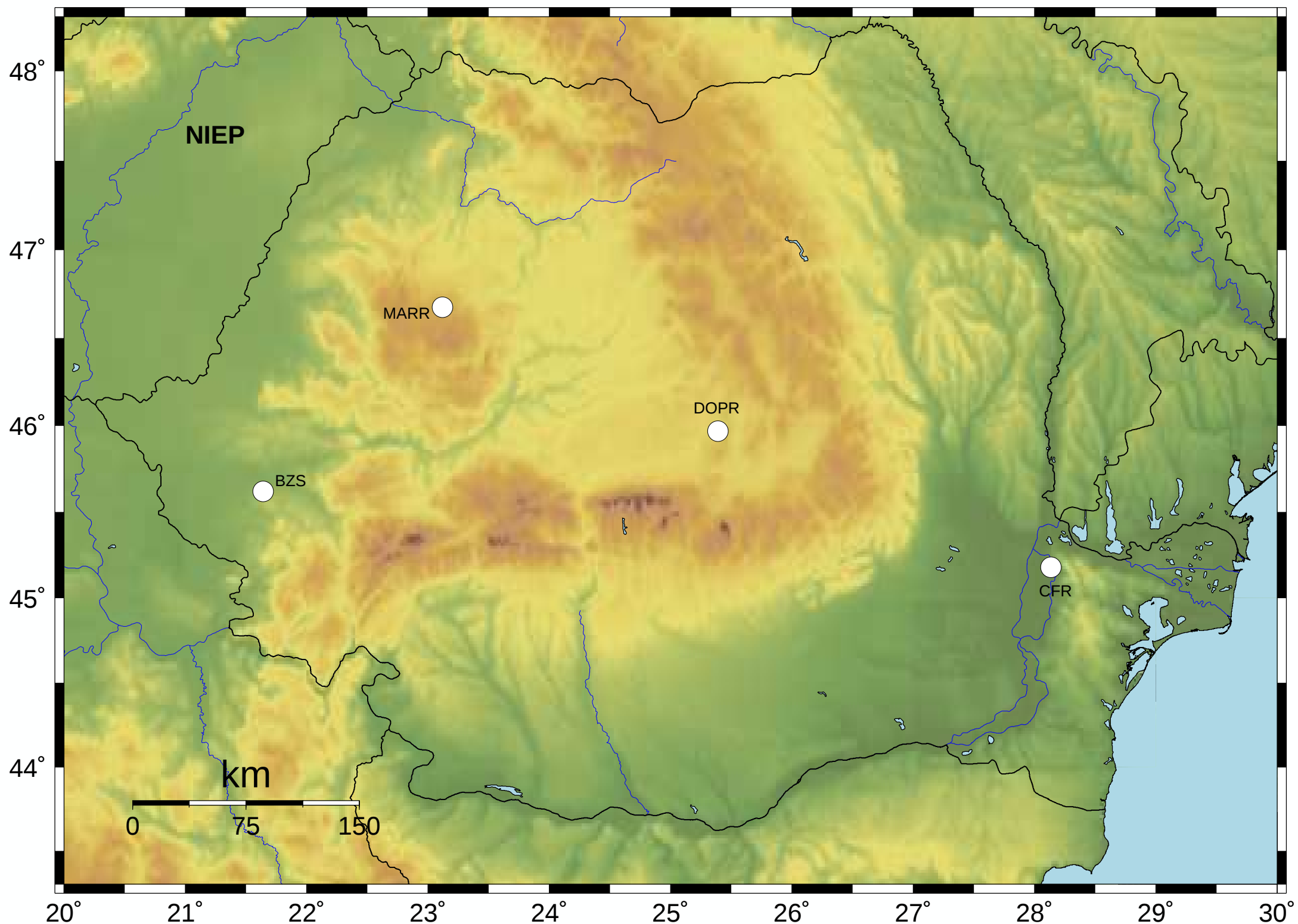


MSK macroseismic intensities map

Maximum MSK intensity: CFR_HNN I

Wed Mar 18, 2020 13:09:35 GMT ML Mb 5.9 N40.78 W112.06 Depth: 15.0km ID:43715

Station	Dist.(km)	IMSK
MARR	10882	I
DOPR	11124	I
CFR	11416	I
BZS	10851	I



MSK intensity scale