

Antelope - associated stations measurements on atlas2 ronet database

NORTH OF SVALBARD - evid 43260

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/02/18	07:29:58.468	83.671	26.592	15.0		5.38	43519
Sta	Chan	PGV	PGA				
* 1	TESR	HHE	0.000				
	TESR	HHN	0.000				
	TESR	HNE		0.004			
* 2	MDVR	HNE		-0.014			
* 3	BZS	HHE	0.000				
	BZS	HHZ	-0.000				
	BZS	HHN	-0.000				
	BZS	HNZ		0.001			
	BZS	HNE		0.001			
	BZS	HNN		-0.002			
* 4	CFR	HHE	0.000				
	CFR	HHZ	-0.000				
	CFR	HHN	0.000				
	CFR	HNZ		-0.003			
	CFR	HNE		0.004			
	CFR	HNN		0.004			
* 5	TPGR	HNZ		-0.003			
* 6	GZR	HHZ	-0.000				
* 7	MARR	HNE		-0.061			
* 8	OZUR	HHE	0.000				
	OZUR	HHZ	0.000				
	OZUR	HHN	0.000				
	OZUR	HNZ		0.132			
	OZUR	HNE		0.181			
* 9	HERR	HHE	-0.000				
	HERR	HHZ	0.000				
	HERR	HHN	0.000				
	HERR	HNZ		-0.024			
	HERR	HNE		0.045			
	HERR	HNN		-0.052			
* 10	TURR	HHE	-0.000				
	TURR	HHZ	-0.000				
	TURR	HHN	0.001				
* 11	DOPR	HHE	0.000				
	DOPR	HHN	0.000				
	DOPR	HNN		-0.007			
* 12	VRI	HHE	0.001				
	VRI	HHZ	-0.000				
	VRI	HHN	-0.000				
	VRI	HNZ		0.025			
	VRI	HNE		0.080			
	VRI	HNN		-0.036			

* Associated RO stations: 14
Excluded stations:

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

Velocity	TURR_HHN	0.001
Acceleration	OZUR_HNE	0.181

Stations max. horizontal acceleration and MSK intensity

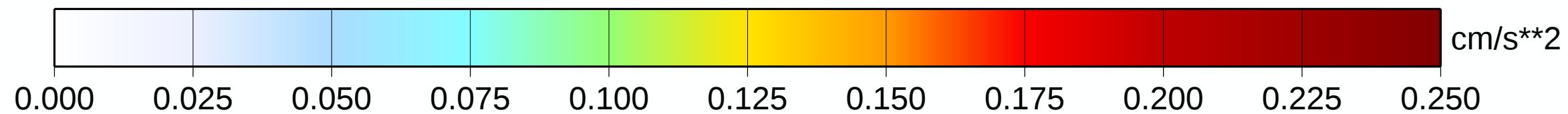
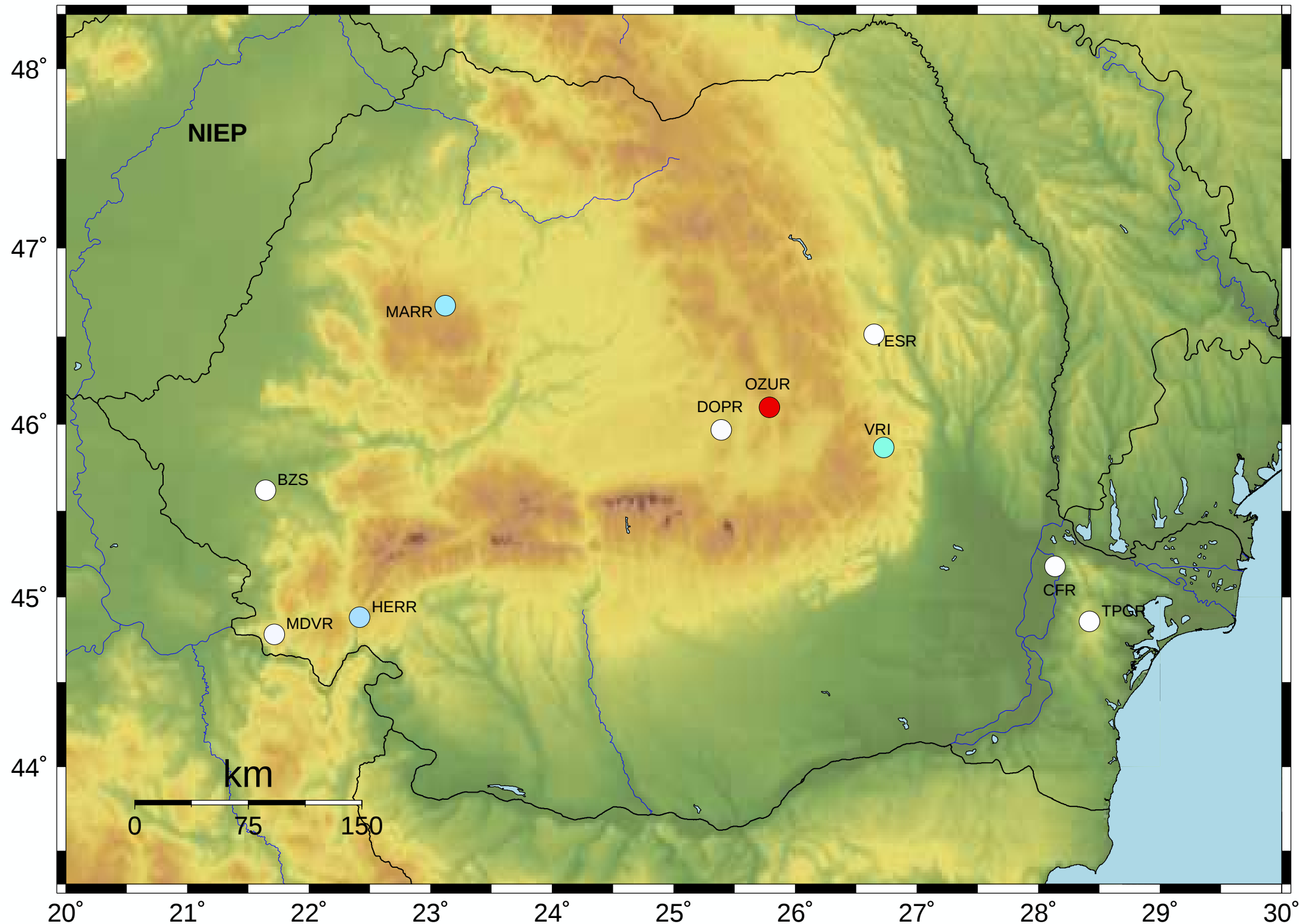
1	BZS_HNN	0.002	I
2	CFR_HNE	0.004	I
3	DOPR_HNN	0.007	I
4	HERR_HNN	0.052	I
5	MARR_HNE	0.061	I
6	MDVR_HNE	0.014	I
7	OZUR_HNE	0.181	I
8	TESR_HNE	0.004	I
9	VRI_HNE	0.080	I

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

Maximum observed acceleration: OZUR_HNE 0.181

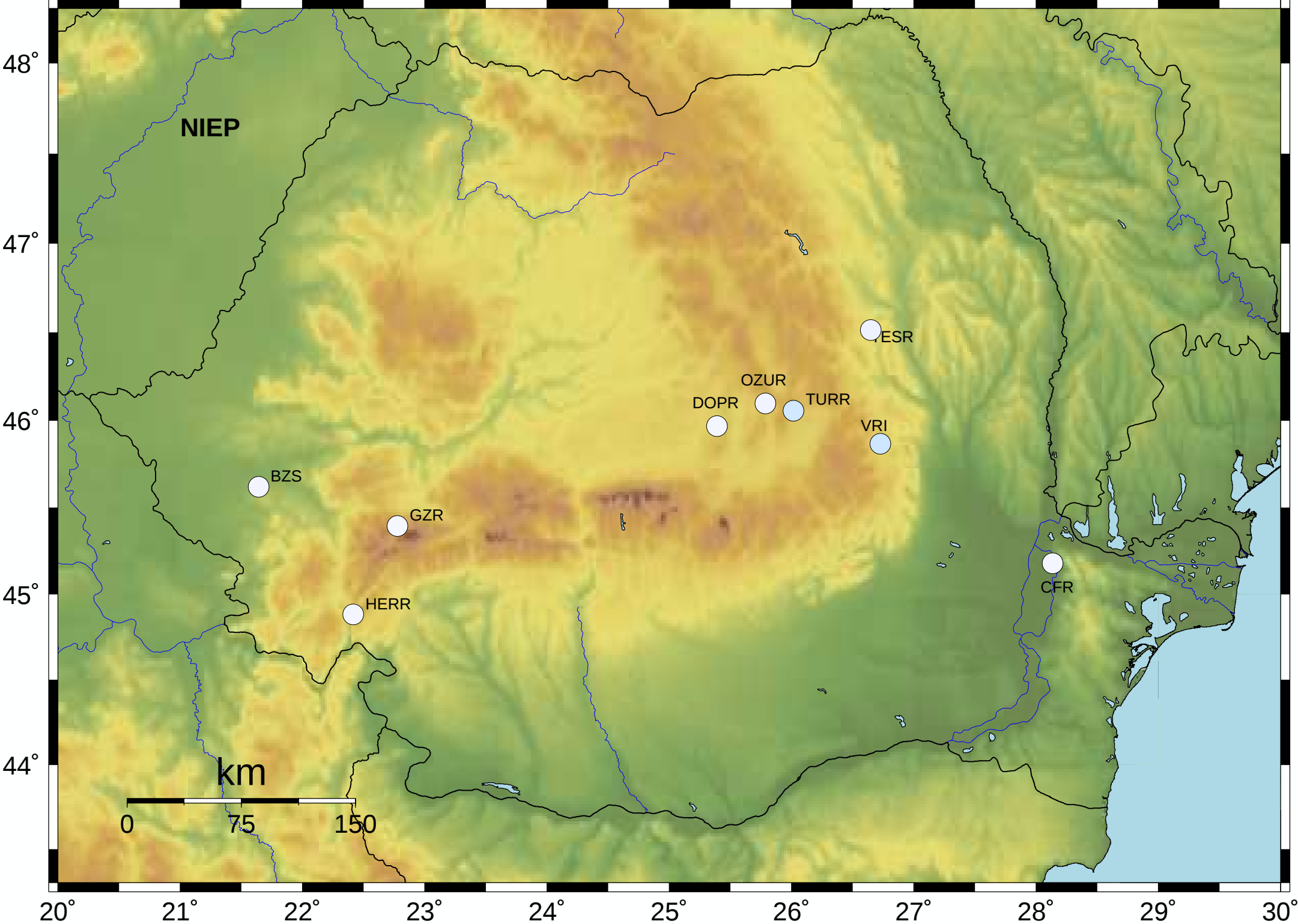
Tue Feb 18, 2020 07:29:58 GMT ML Mb 5.4 N83.67 E26.59 Depth: 15.0km ID:43260

Station	Dist.(km)	Acc.
OZUR	4178	0.181
VRI	4203	0.080
MARR	4116	0.061
HERR	4317	0.052
MDVR	4330	0.014
DOPR	4192	0.007
TESR	4131	0.004
CFR	4280	0.004
TPGR	4316	0.003
BZS	4237	0.002

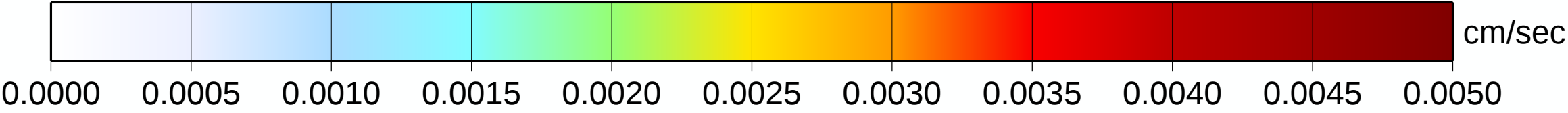


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: VRI_HHE 0.001
Tue Feb 18, 2020 07:29:58 GMT ML Mb 5.4 N83.67 E26.59 Depth: 15.0km ID:43260



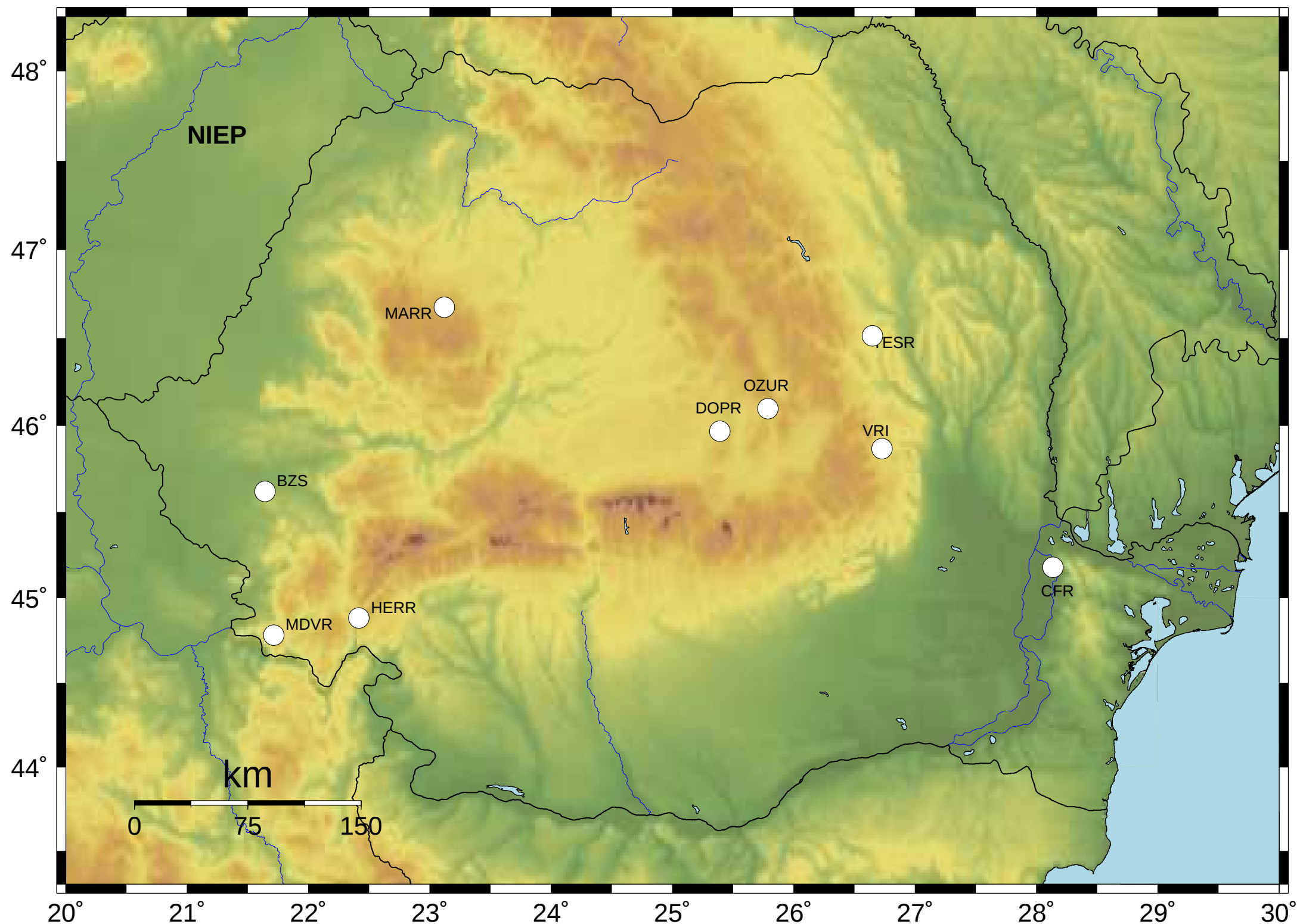
Station	Dist.(km)	Velocity
VRI	4203	0.001
TARR	4182	0.001
TESR	4131	0.000
OZUR	4178	0.000
BZS	4237	0.000
CFR	4280	0.000
HERR	4317	0.000
DOPR	4192	0.000
GZR	4260	0.000



MSK macroseismic intensities map

Maximum MSK intensity: OZUR_HNE I

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Station	Dist.(km)	IMSK
VRI	4204	I
TESR	4132	I
OZUR	4178	I
MDVR	4331	I
MARR	4117	I
HERR	4318	I
DOPR	4193	I
CFR	4281	I
BZS	4238	I

