

Antelope - associated stations measurements on atlas2 ronet database

IRAN-IRAQ BORDER REGION - evid 44350

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/04/29	17:01:38.021	35.486	45.098	15.0		5.14	44613
Sta	Chan	PGV	PGA				
* 1	TESR	HHE	-0.000				
	TESR	HHZ	0.000				
	TESR	HHN	0.000				
	TESR	HNZ		-0.002			
	TESR	HNE		-0.002			
	TESR	HNN		-0.001			
* 2	BURAR	BHZ	0.003				
	BURAR	BHE	0.000				
	BURAR	BHN	0.000				
	BURAR	BHZ		-0.000			
	BURAR	BHE		0.000			
	BURAR	BHN		-0.000			
* 3	VOIR	HHE	-0.000				
	VOIR	HHZ	0.000				
	VOIR	HHN	-0.000				
	VOIR	HNZ		-0.002			
	VOIR	HNE		-0.003			
	VOIR	HNN		-0.003			
* 4	GZR	HHE	0.000				
	GZR	HHZ	-0.000				
	GZR	HHN	-0.000				
	GZR	HNZ		-0.003			
	GZR	HNE		-0.013			
	GZR	HNN		-0.021			
* 5	MARR	HHE	0.000				
	MARR	HHZ	-0.000				
	MARR	HHN	0.000				
	MARR	HNZ		-0.004			
	MARR	HNE		0.003			
	MARR	HNN		-0.002			
* 6	BUR08	SHZ	-0.000				
* 7	HERR	HHE	-0.000				
	HERR	HHZ	0.000				
	HERR	HHN	0.000				
	HERR	HNZ		0.010			
	HERR	HNE		-0.026			
	HERR	HNN		0.020			
* 8	DRGR	HHE	-0.000				
	DRGR	HHZ	-0.000				
	DRGR	HHN	-0.000				
	DRGR	HNZ		0.001			
	DRGR	HNE		-0.002			
	DRGR	HNN		0.001			
* 9	DOPR	HHE	0.000				
	DOPR	HHZ	-0.000				
	DOPR	HHN	-0.000				
	DOPR	HNZ		0.008			
	DOPR	HNE		0.009			

	DOPR	HNN		0.010
* 10	BMR	HHE	-0.000	
	BMR	HHZ	0.000	
	BMR	HNN	-0.000	
	BMR	HNZ		0.003
	BMR	HNE		-0.012
	BMR	HNN		-0.005

* Associated RO stations: 10
Excluded stations:

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

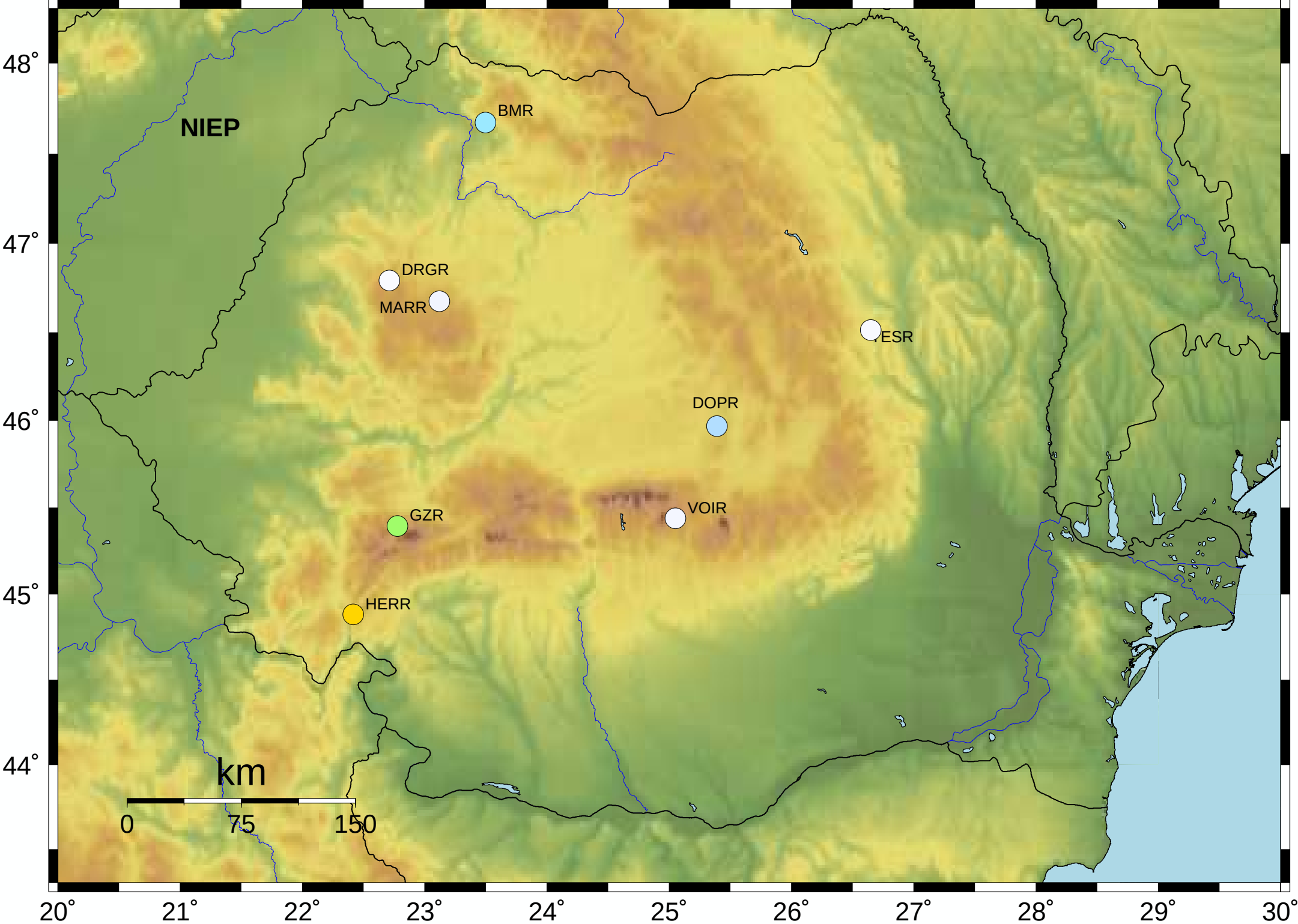
Velocity	BURAR_BHZ	0.003
Acceleration	HERR_HNE	0.026

Stations max. horizontal acceleration and MSK intensity

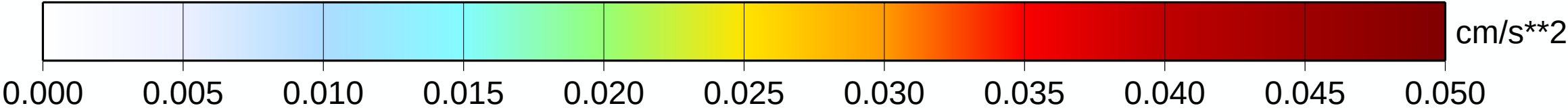
1	BMR_HNE	0.012	I
2	BURAR_HNE		
3	DOPR_HNN	0.010	I
4	DRGR_HNE	0.002	I
5	GZR_HNN	0.021	I
6	HERR_HNE	0.026	I
7	MARR_HNE	0.003	I
8	TESR_HNE	0.002	I
9	VOIR_HNE	0.003	I

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

Maximum observed acceleration: HERR_HNE 0.026
Wed Apr 29, 2020 17:01:38 GMT ML Mb 5.1 N35.49 E45.10 Depth: 15.0km ID:44350

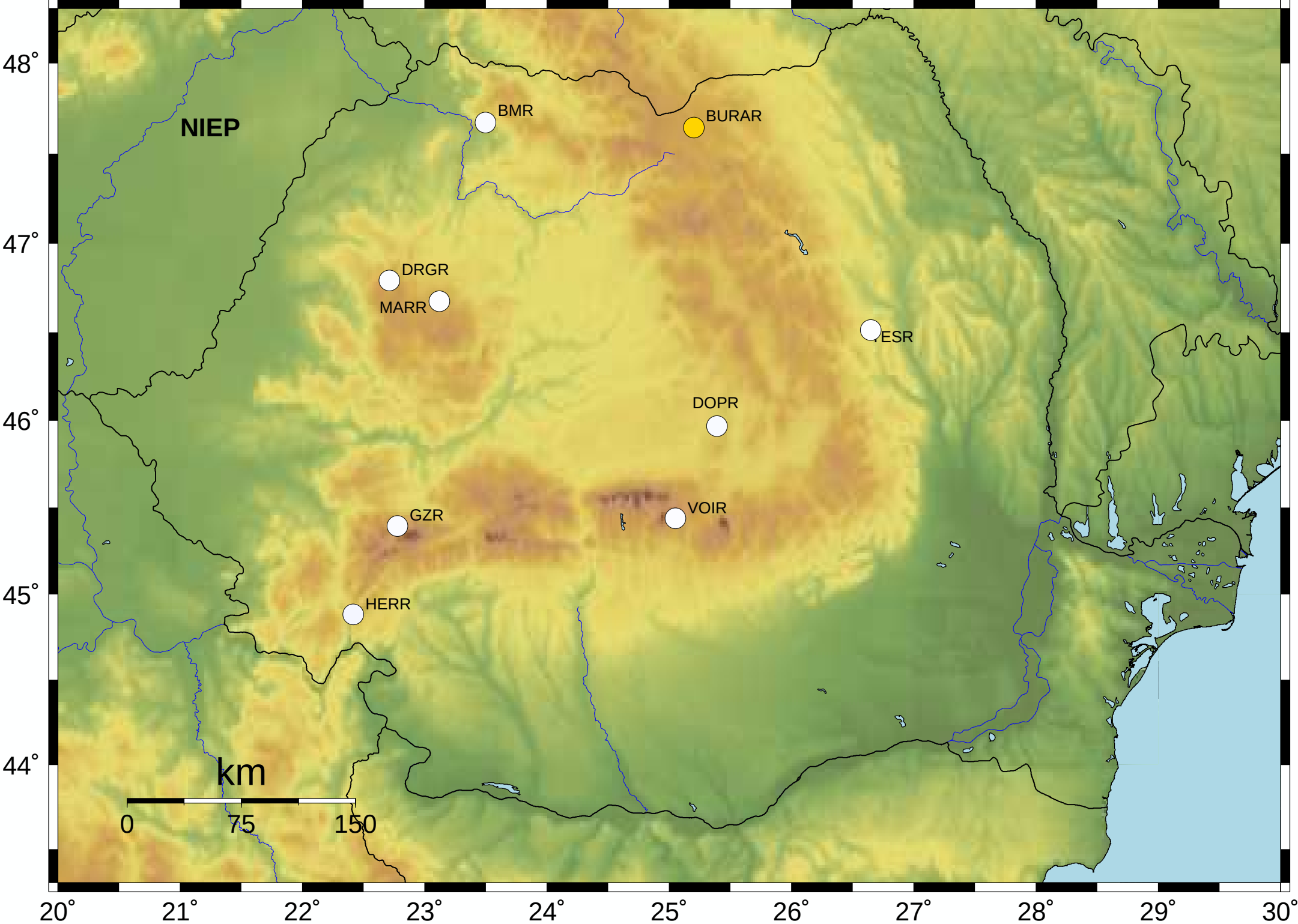


Station	Dist.(km)	Acc.
HERR	2191	0.026
GZR	2186	0.021
BMR	2250	0.012
DOPR	2028	0.010
MARR	2223	0.004
VOIR	2025	0.003
TESR	1974	0.002
DRGR	2257	0.002
BURAR	2137	0.000

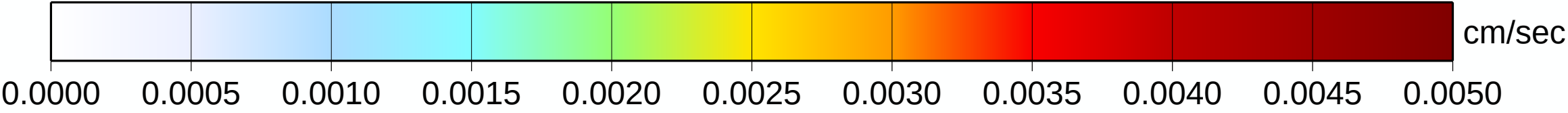


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR_BHZ 0.003
Wed Apr 29, 2020 17:01:38 GMT ML Mb 5.1 N35.49 E45.10 Depth: 15.0km ID:44350



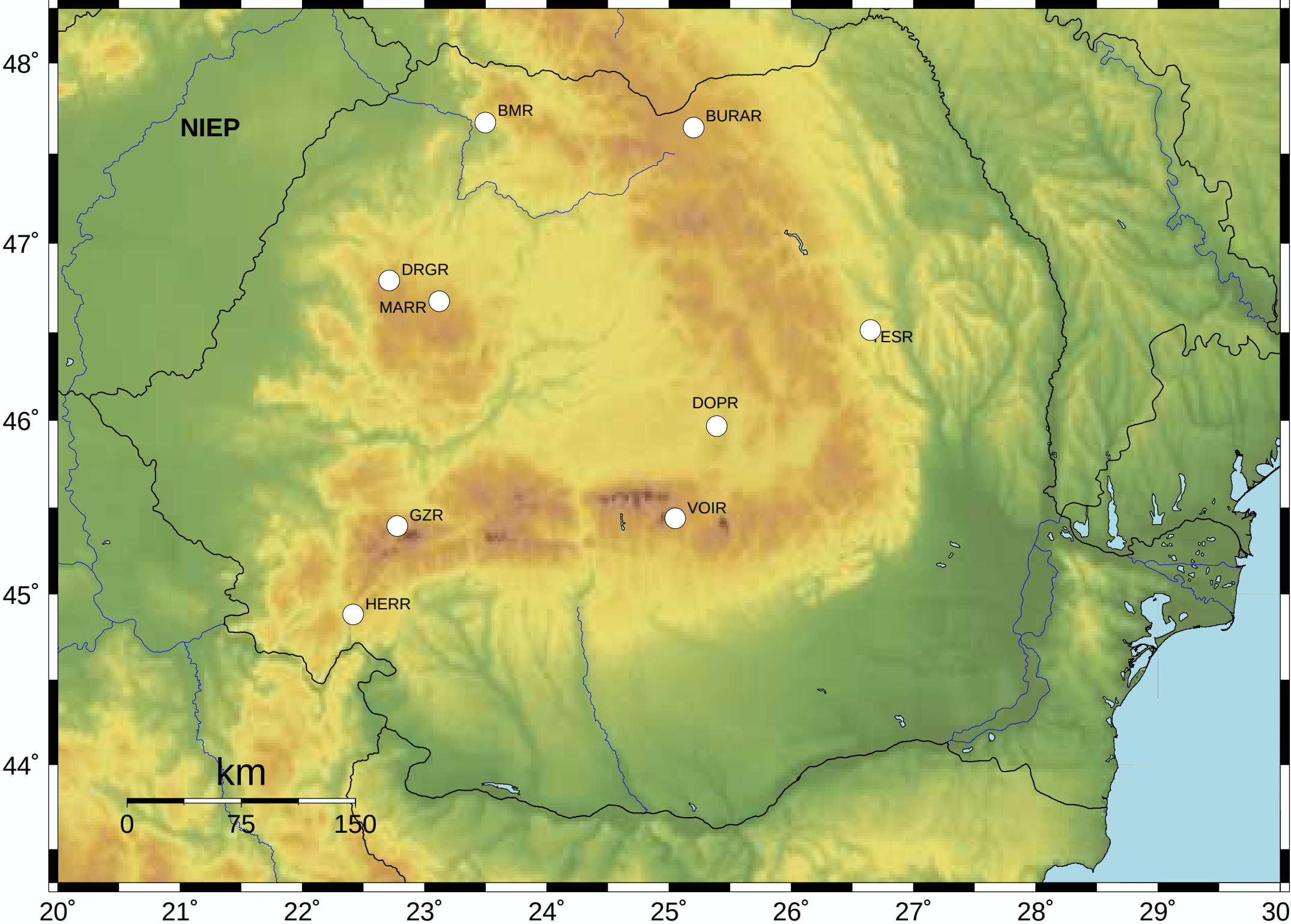
Station	Dist.(km)	Velocity
BURAR	2137	0.003
HERR	2191	0.000
DOPR	2028	0.000
BMR	2250	0.000
GZR	2186	0.000
DRGR	2257	0.000
VOIR	2025	0.000
TESR	1974	0.000
MARR	2223	0.000
BUR08	2137	0.000



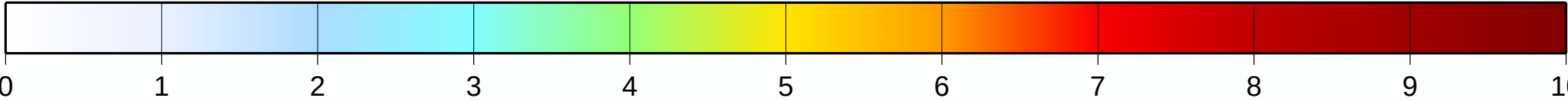
MSK macroseismic intensities map

Maximum MSK intensity: HERR_HNE I

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Station	Dist.(km)	IMSK
VOIR	2025	I
TESR	1975	I
MARR	2223	I
HERR	2192	I
GZR	2187	I
DRGR	2257	I
DOPR	2029	I
BMR	2250	I



MSK intensity scale