

Antelope - associated stations measurements on atlas2 ronet database

KURIL ISLANDS - evid 43233

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/02/16	07:35:39.687	50.002	154.920	15.0		5.28	43492
Sta	Chan	PGV	PGA				
* 1 BURAR	BHZ	0.003					
	BURAR	BHE	0.000				
	BURAR	BHN	0.000				
	BURAR	BHZ	-0.000				
	BURAR	BHE	-0.000				
	BURAR	BHN	0.000				
* 2 BZS	HHE	0.000					
	BZS	HHZ	-0.000				
	BZS	HHN	0.000				
	BZS	HNZ	-0.001				
	BZS	HNE	-0.001				
	BZS	HNN	0.001				
* 3 VOIR	HHE	-0.000					
	VOIR	HNZ	-0.001				
	VOIR	HNE	-0.001				
* 4 ARR	HHE	-0.000					
	ARR	HHZ	0.000				
	ARR	HHN	-0.000				
	ARR	HNZ	-0.002				
	ARR	HNE	0.002				
	ARR	HNN	-0.005				
* 5 GZR	HHE	-0.000					
* 6 TPGR	HHZ	0.000					
	TPGR	HHN	0.000				
	TPGR	HNN	-0.002				
* 7 BUR08	SHZ	0.000					
* 8 MLR	HHE	-0.000					
	MLR	HNZ	0.001				
	MLR	HNN	0.001				
* 9 HERR	HHE	-0.000					
	HERR	HHZ	0.000				
	HERR	HHN	0.000				
	HERR	HNZ	-0.021				
	HERR	HNE	-0.036				
	HERR	HNN	0.033				
* 10 DRGR	HHE	-0.000					
	DRGR	HHN	-0.000				
	DRGR	HNE	0.001				
	DRGR	HNN	0.001				

* Associated RO stations: 10
Excluded stations:

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

Velocity BURAR_BHZ 0.003

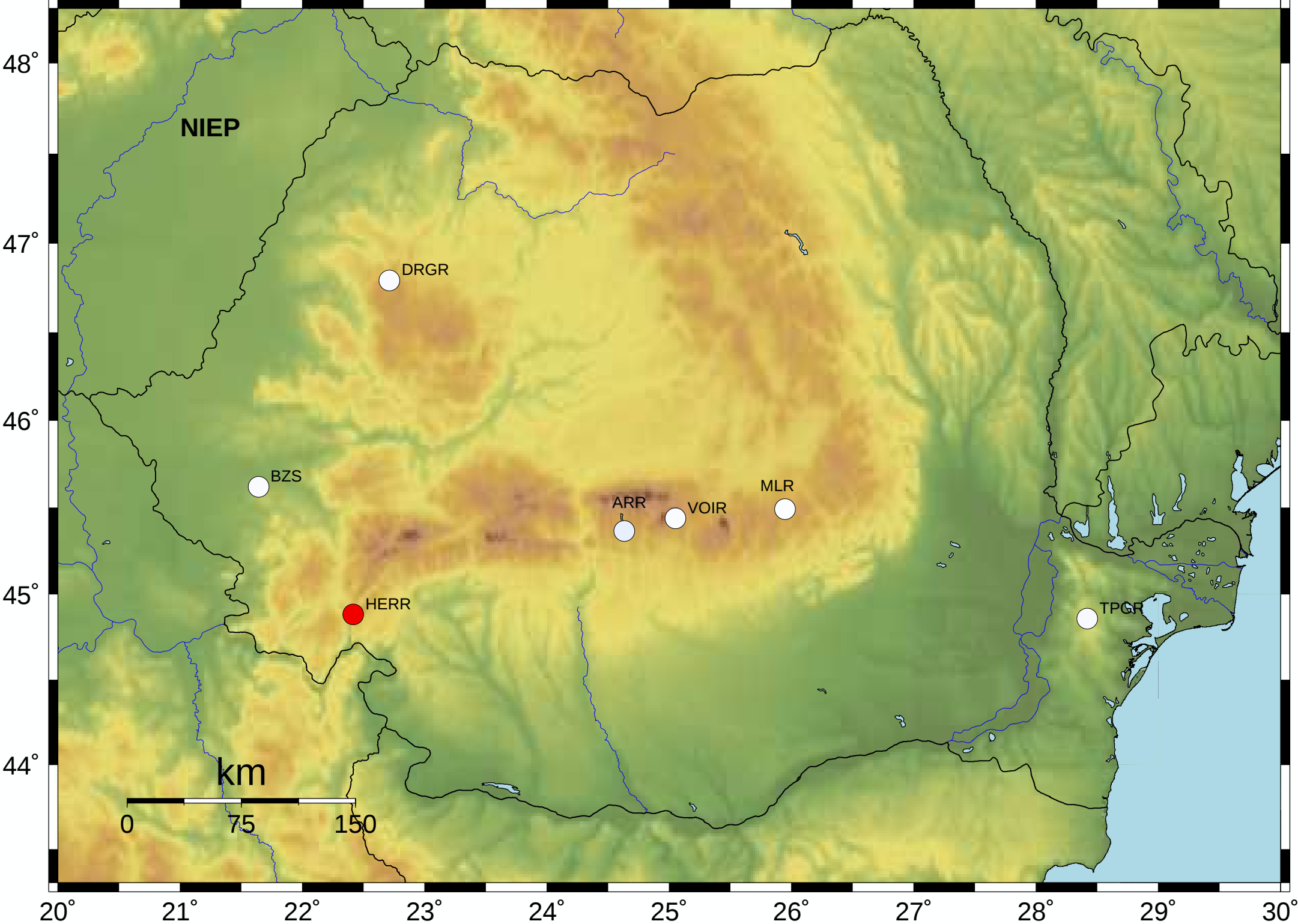
Acceleration HERR_HNE 0.036

Stations max. horizontal acceleration and MSK intensity

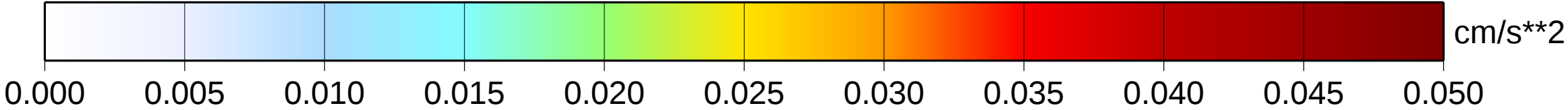
1	ARR_HNN	0.005	I
2	BURAR_HNE		
3	BZS_HNE	0.001	I
4	DRGR_HNE	0.001	I
5	HERR_HNE	0.036	I
6	MLR_HNN	0.001	I
7	TPGR_HNN	0.002	I
8	VOIR_HNE	0.001	I

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

Maximum observed acceleration: HERR_HNE 0.036
Sun Feb 16, 2020 07:35:39 GMT ML Mb 5.3 N50.00 E154.92 Depth: 15.0km ID:43233

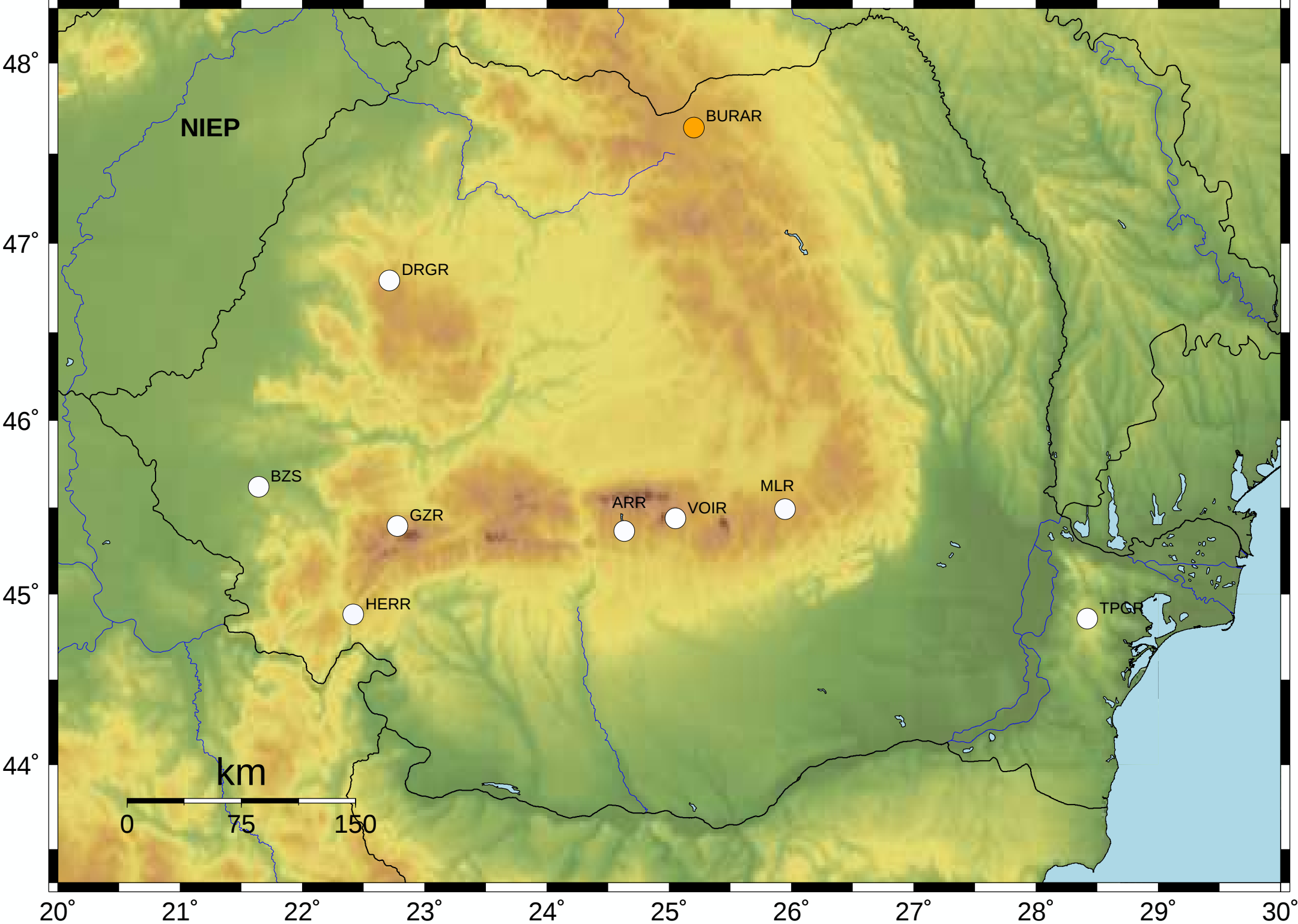


Station	Dist.(km)	Acc.
HERR	9981	0.036
ARR	9766	0.005
TPGR	9532	0.002
BZS	9964	0.001
VOIR	9728	0.001
DRGR	9767	0.001
MLR	9656	0.001
BURAR	9500	0.000

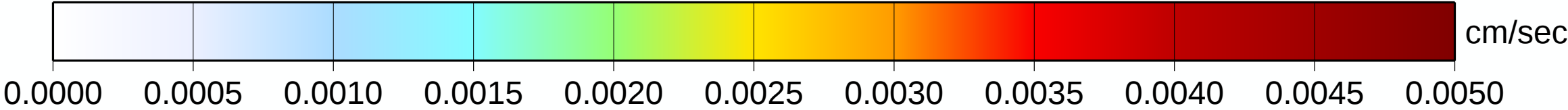


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR_BHZ 0.003
Sun Feb 16, 2020 07:35:39 GMT ML Mb 5.3 N50.00 E154.92 Depth: 15.0km ID:43233



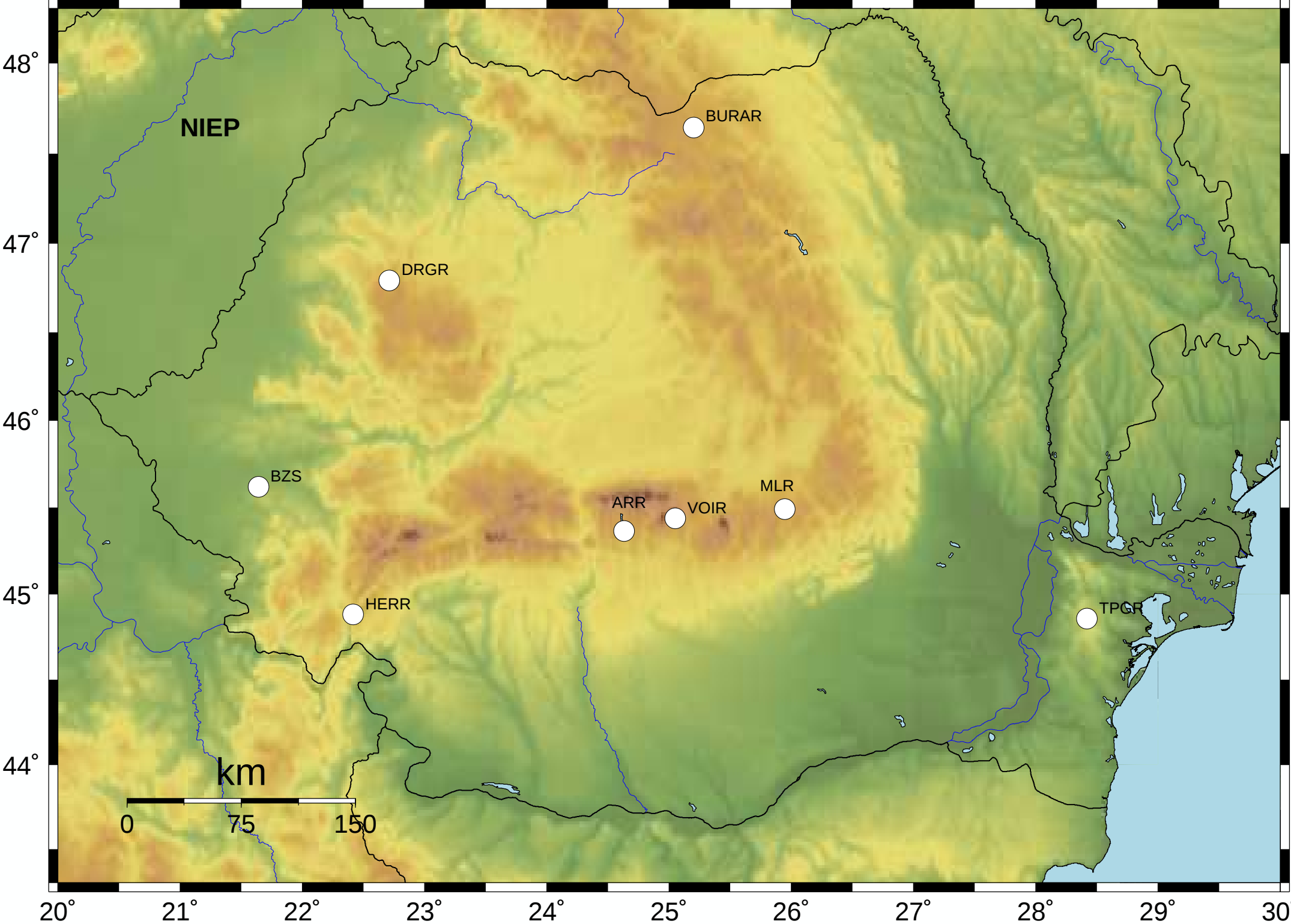
Station	Dist.(km)	Velocity
BURAR	9500	0.003
HERR	9981	0.000
MLR	9656	0.000
ARR	9766	0.000
DRGR	9767	0.000
BZS	9964	0.000
TPGR	9532	0.000
GZR	9902	0.000
VOIR	9728	0.000
BUR08	9500	0.000



MSK macroseismic intensities map

Maximum MSK intensity: HERR_HNE I

Sun Feb 16, 2020 07:35:39 GMT ML Mb 5.3 N50.00 E154.92 Depth: 15.0km ID:43233



Station	Dist.(km)	IMSK
VOIR	9729	I
TPGR	9533	I
MLR	9656	I
HERR	9981	I
DRGR	9767	I
BZS	9965	I
ARR	9767	I

