

Antelope - associated stations measurements on atlas2 ronet database

NORTHERN ALASKA - evid 40663

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/10/18	13:09:10.749	67.394	-157.827	15.0		5.24	40922
Sta	Chan	PGV	PGA				
* 1 SURR	HHE	-0.000					
	SURR	HHN	0.000				
	SURR	HNN	0.002				
* 2 MDVR	HHE	0.000					
	MDVR	HHN	0.000				
	MDVR	HNE	0.004				
	MDVR	HNN	-0.004				
* 3 BURAR	BHZ	0.002					
	BURAR	BHE	-0.000				
	BURAR	BHN	0.000				
	BURAR	BHZ	0.000				
	BURAR	BHE	-0.000				
	BURAR	BHN	-0.000				
* 4 TIRR	HHE	0.000					
* 5 ARR	HHE	-0.000					
	ARR	HHZ	-0.000				
	ARR	HHN	0.000				
	ARR	HNZ	0.002				
	ARR	HNE	-0.003				
	ARR	HNN	-0.007				
* 6 TPGR	HHN	-0.000					
	TPGR	HNZ	0.000				
	TPGR	HNE	0.000				
	TPGR	HNN	0.002				
* 7 GZR	HHE	0.000					
	GZR	HHN	-0.000				
	GZR	HNZ	0.002				
	GZR	HNN	-0.004				
* 8 BUR08	SHZ	-0.000					
* 9 DRGR	HHN	0.000					
	DRGR	HNZ	0.001				
	DRGR	HNN	-0.001				

* Associated RO stations: 9
Excluded stations:

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

Velocity	BURAR_BHZ	0.002
Acceleration	ARR_HNN	0.007

Stations max. horizontal acceleration and MSK intensity

1	ARR_HNN	0.007	I
2	BURAR_HNE		
3	DRGR_HNN	0.001	I

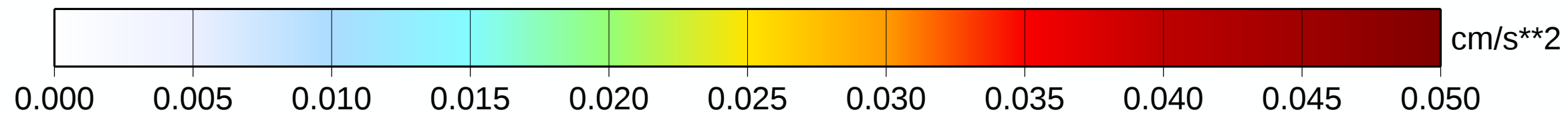
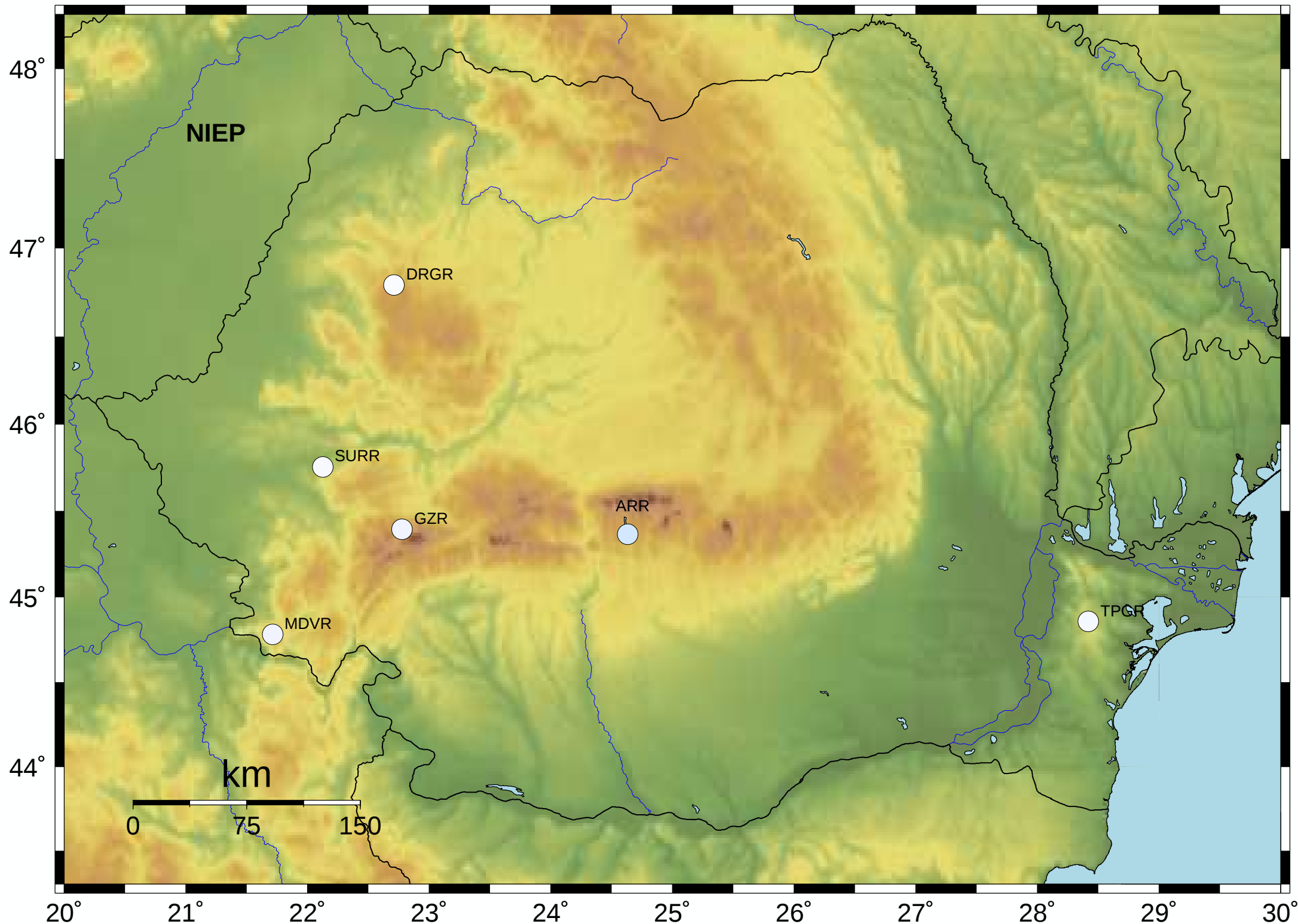
4	GZR_HNN	0.004	I
5	MDVR_HNE	0.004	I
6	SURR_HNN	0.002	I
7	TPGR_HNN	0.002	I

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

Maximum observed acceleration: ARR_HNN 0.007

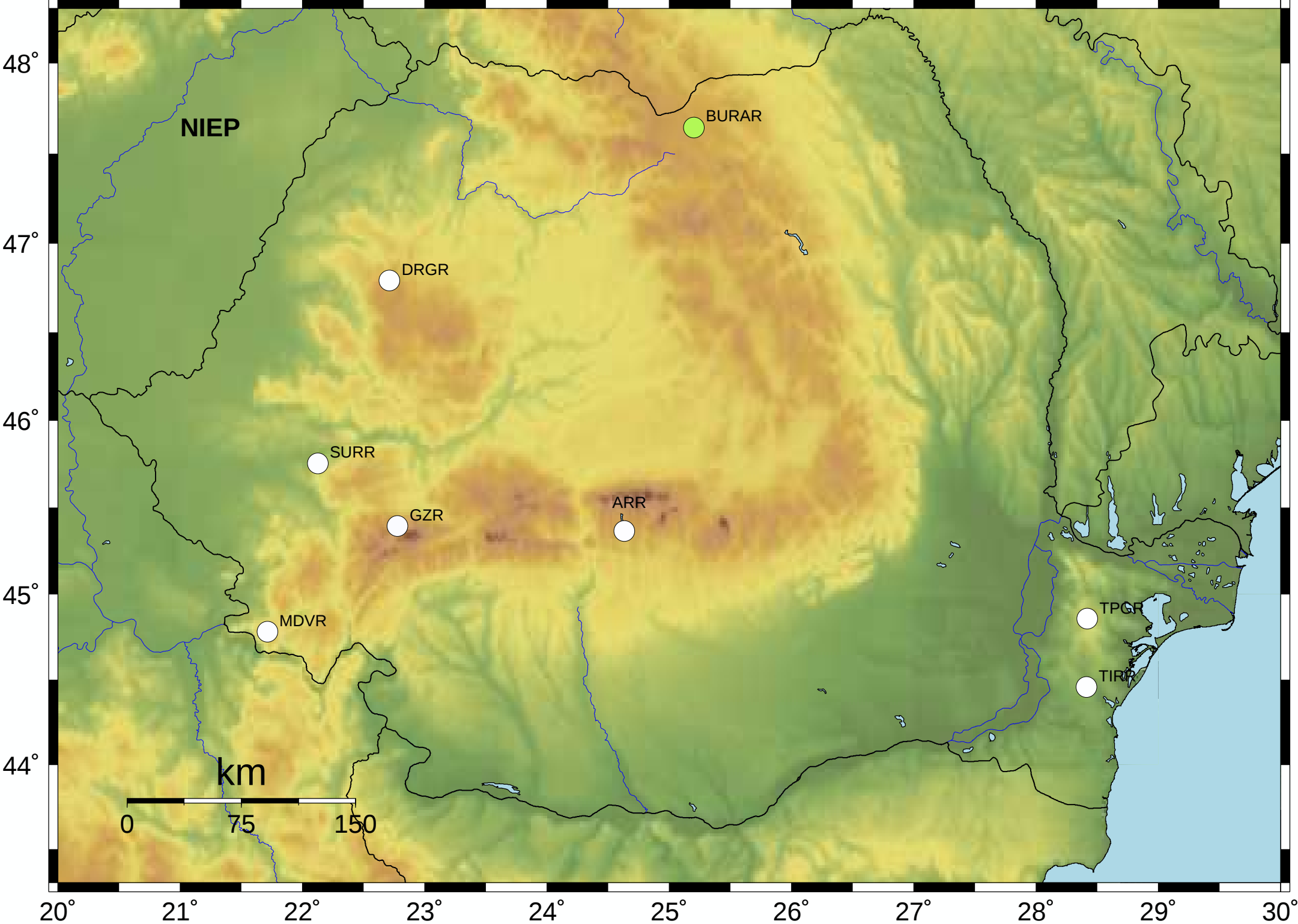
Fri Oct 18, 2019 13:09:10 GMT ML Mb 5.2 N67.39 W157.83 Depth: 15.0km ID:40663

Station	Dist.(km)	Acc.
ARR	11497	0.007
MDVR	11418	0.004
GZR	11381	0.004
TPGR	11811	0.002
SURR	11282	0.002
DRGR	11144	0.001
BURAR	11147	0.000

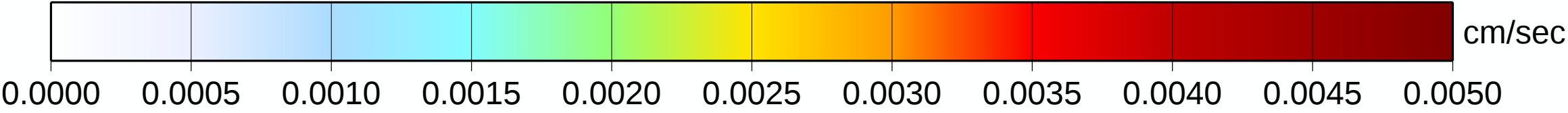


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR_BHZ 0.002
Fri Oct 18, 2019 13:09:10 GMT ML Mb 5.2 N67.39 W157.83 Depth: 15.0km ID:40663



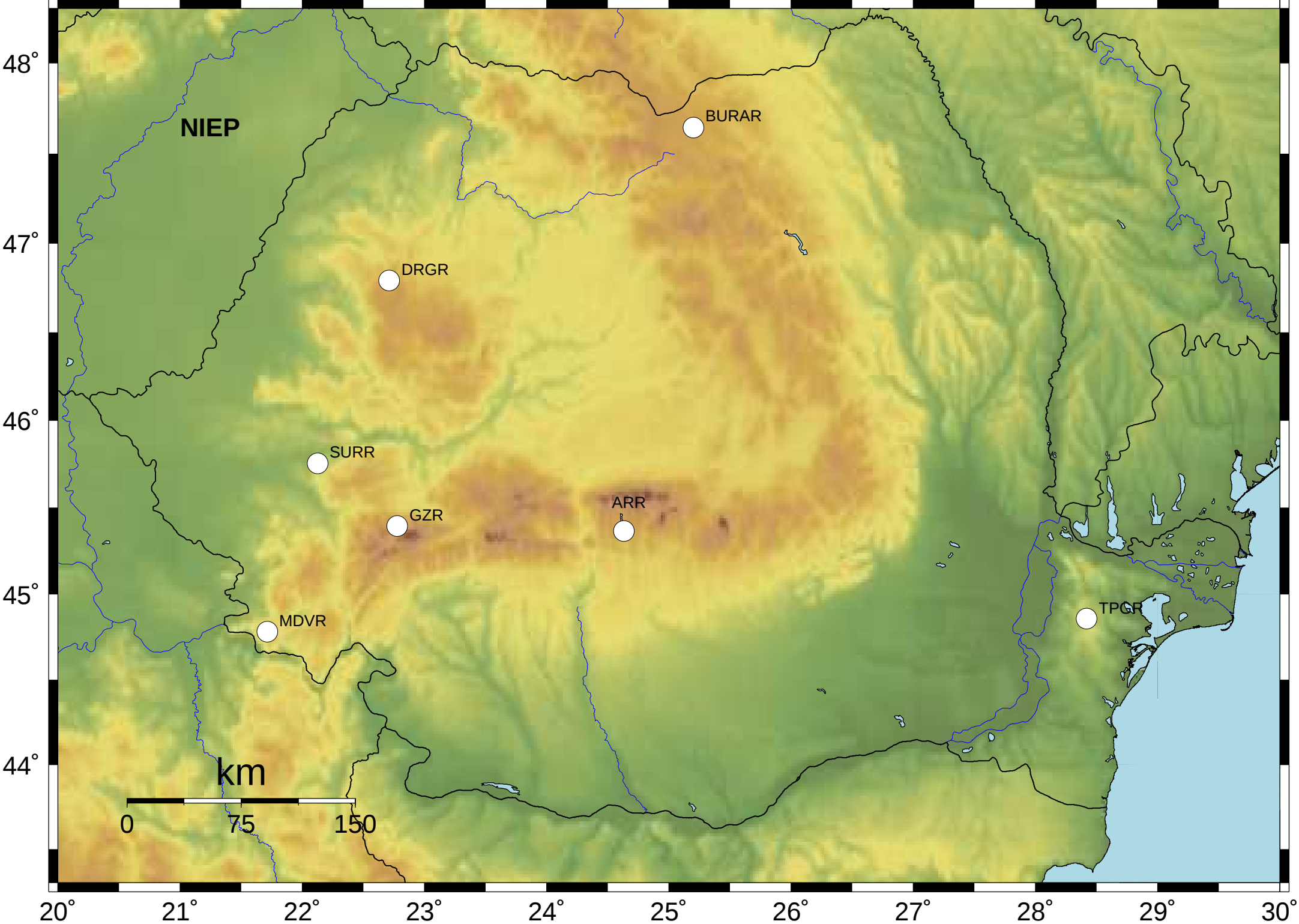
Station	Dist.(km)	Velocity
BURAR	11147	0.002
GZR	11381	0.000
SURR	11282	0.000
MDVR	11418	0.000
ARR	11497	0.000
DRGR	11144	0.000
TIRR	11879	0.000
TPGR	11811	0.000
BUR08	11147	0.000



MSK macroseismic intensities map

Maximum MSK intensity: ARR_HNN I

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Station	Dist.(km)	IMSK
TPGR	11812	I
SURR	11282	I
MDVR	11419	I
GZR	11381	I
DRGR	11144	I
ARR	11497	I

