

Antelope - associated stations measurements on atlas24 ronet database

CENTRAL MID-ATLANTIC RIDGE - evid 75468

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/04/02	13:24:48.739	0.252	-28.560	15.0		5.59	75734
Sta	Chan	PGV	PGA				
* 1 BOSR	HHE	0.02					
	BOSR	HHN	-0.03				
	BOSR	HHZ	-0.00				
* 2 DRGR	HHZ	-0.00					
	DRGR	HHE	-0.00				
	DRGR	HHN	-0.00				
	DRGR	HNN	0.00				
	DRGR	HNE	0.00				
	DRGR	HNZ	-0.00				
* 3 VOIR	HHZ	-0.00					
	VOIR	HHN	-0.00				
	VOIR	HHE	-0.00				
	VOIR	HNE	-0.00				
	VOIR	HNN	-0.00				
	VOIR	HNZ	-0.00				
* 4 DOPR	HHE	-0.00					
	DOPR	HHN	0.00				
	DOPR	HHZ	-0.00				
	DOPR	HNN	-0.00				
	DOPR	HNE	-0.00				
	DOPR	HNZ	-0.00				
* 5 MARR	HHE	0.00					
	MARR	HHN	0.00				
	MARR	HHZ	-0.00				
	MARR	HNN	0.00				
	MARR	HNE	0.00				
	MARR	HNZ	0.00				
* 6 MLR	HHE	0.00					
	MLR	HHN	-0.00				
	MLR	HHZ	-0.00				
	MLR	HNZ	0.00				
	MLR	HNE	0.00				
	MLR	HNN	0.00				
* 7 ARR	HHE	0.00					
	ARR	HHN	-0.00				
	ARR	HHZ	-0.00				
	ARR	HNZ	0.01				
	ARR	HNE	0.01				
	ARR	HNN	0.05				
* 8 MDVR	HHZ	-0.00					
	MDVR	HHN	0.00				
	MDVR	HHE	-0.00				
	MDVR	HNE	-0.00				
	MDVR	HNN	0.00				
	MDVR	HNZ	-0.00				

* Associated RO stations: 8
Excluded stations:

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

Velocity	BOSR_HHN	0.03
Acceleration	ARR_HNN	0.05

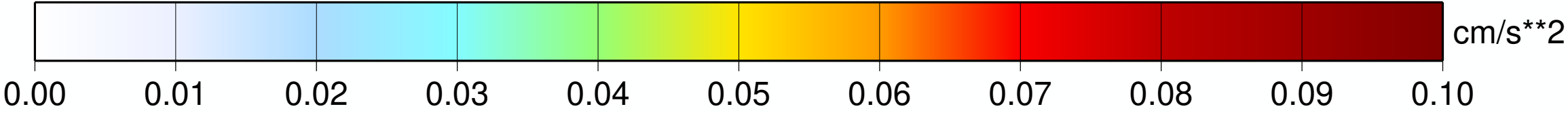
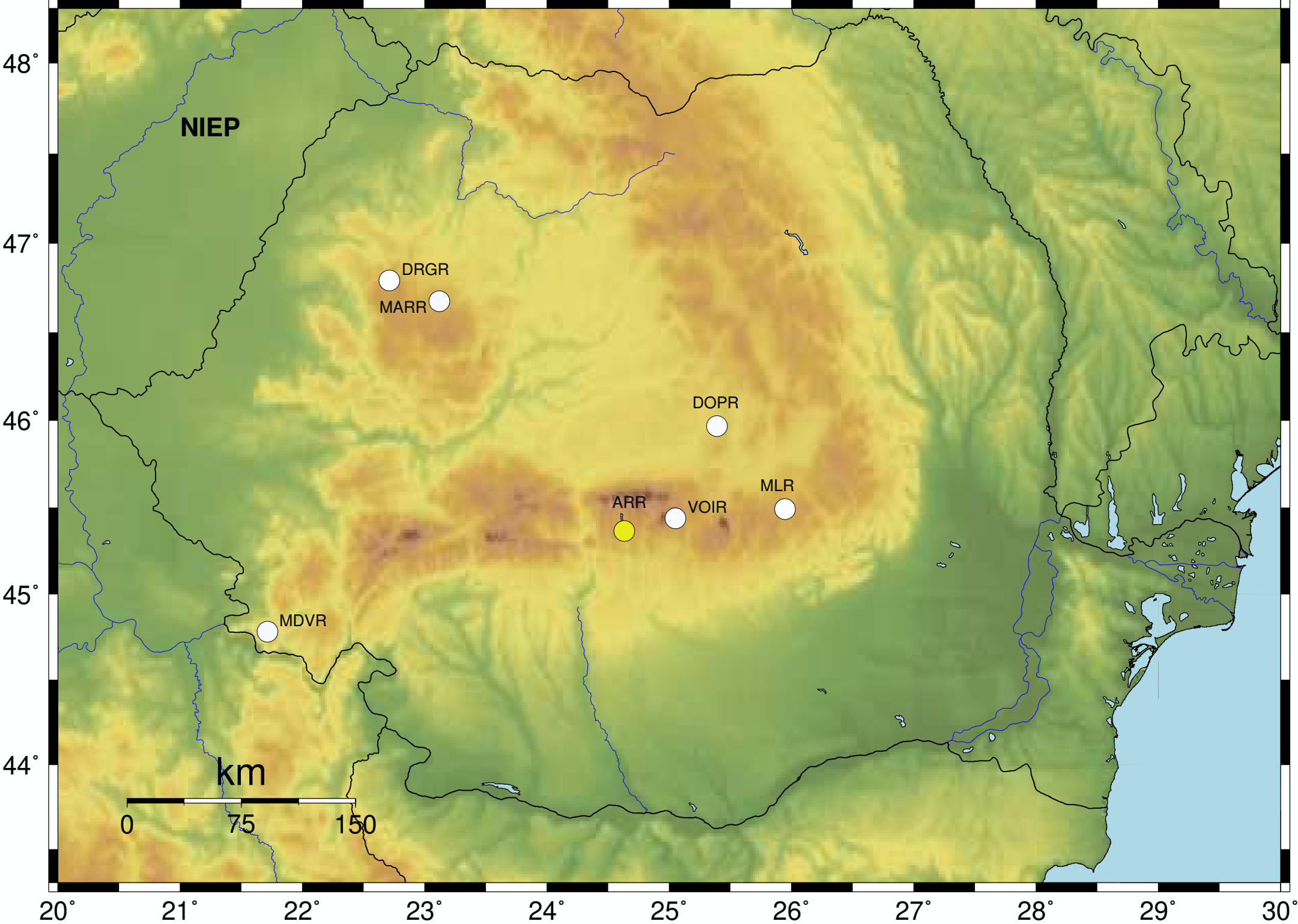
Stations max. horizontal acceleration and MSK intensity

1	ARR_HNN	0.05	-
2	DOPR_HNE	0.00	
3	DRGR_HNE	0.00	
4	MARR_HNE	0.00	
5	MDVR_HNE	0.00	
6	MLR_HNE	0.00	
7	VOIR_HNE	0.00	

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

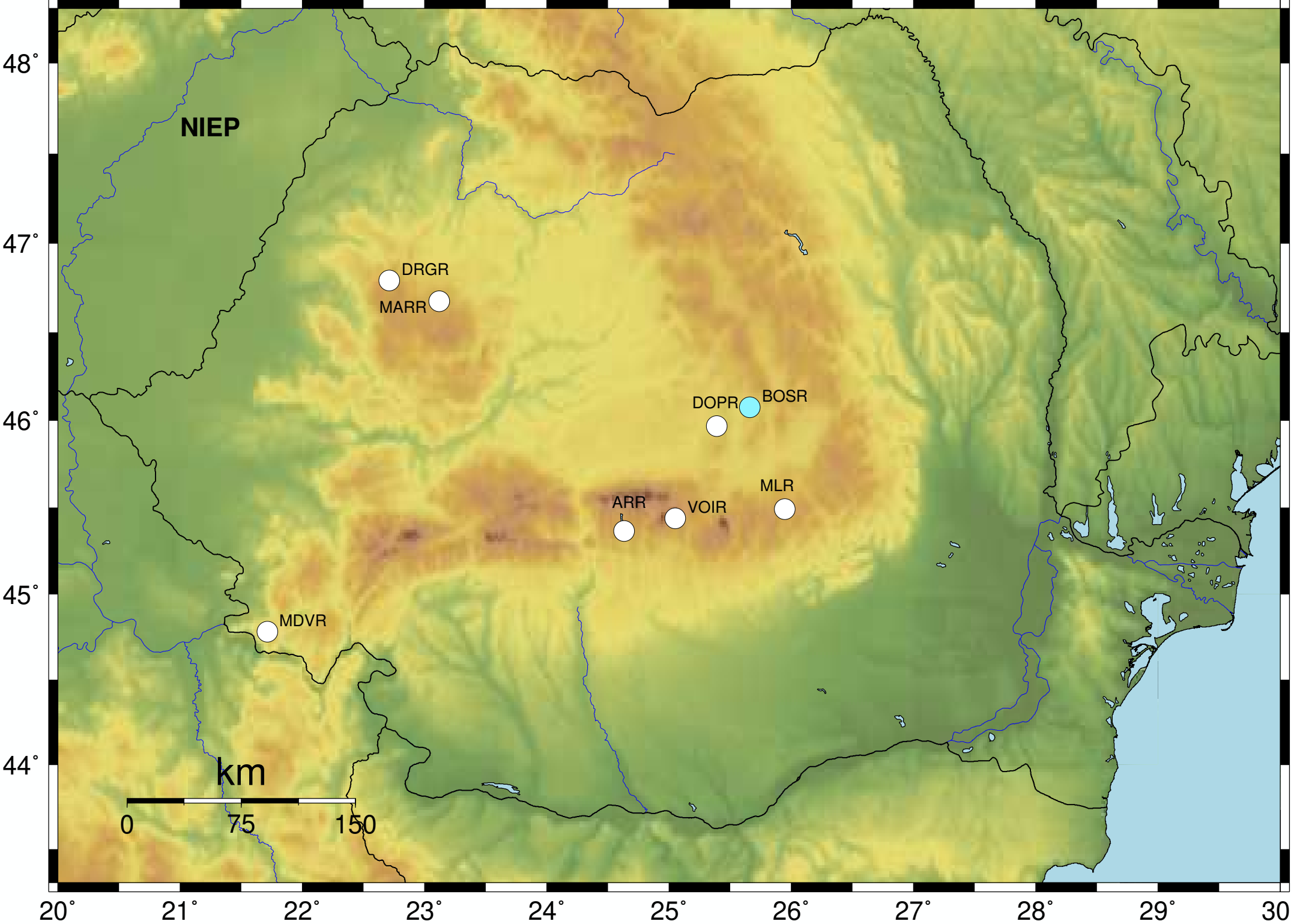
Maximum observed acceleration: ARR_HNN 0.05
Wed Apr 2, 2025 13:24:48 GMT ML Mb 5.6 N0.25 W28.56 Depth: 15.0km ID:75468

Station	Dist.(km)	Acc.
ARR	7408	0.05
MDVR	7154	0.00
MARR	7377	0.00
DOPR	7502	0.00
VOIR	7444	0.00
DRGR	7355	0.00
MLR	7515	0.00

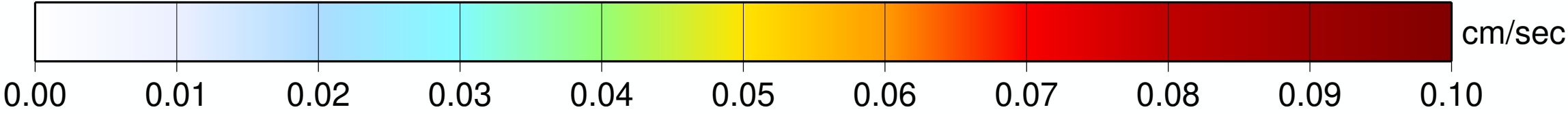


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BOSR_HHN 0.03
Wed Apr 2, 2025 13:24:48 GMT ML Mb 5.6 N0.25 W28.56 Depth: 15.0km ID:75468



Station	Dist.(km)	Velocity
BOSR	7529	0.03
DOPR	7502	0.00
MARR	7377	0.00
DRGR	7355	0.00
MLR	7515	0.00
MDVR	7154	0.00
ARR	7408	0.00
VOIR	7444	0.00



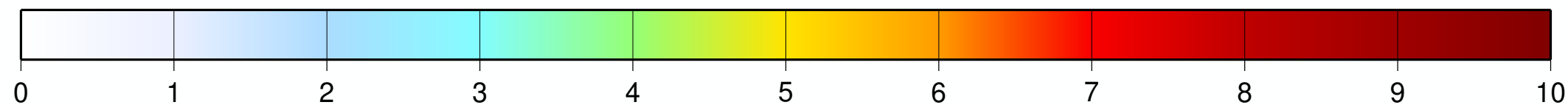
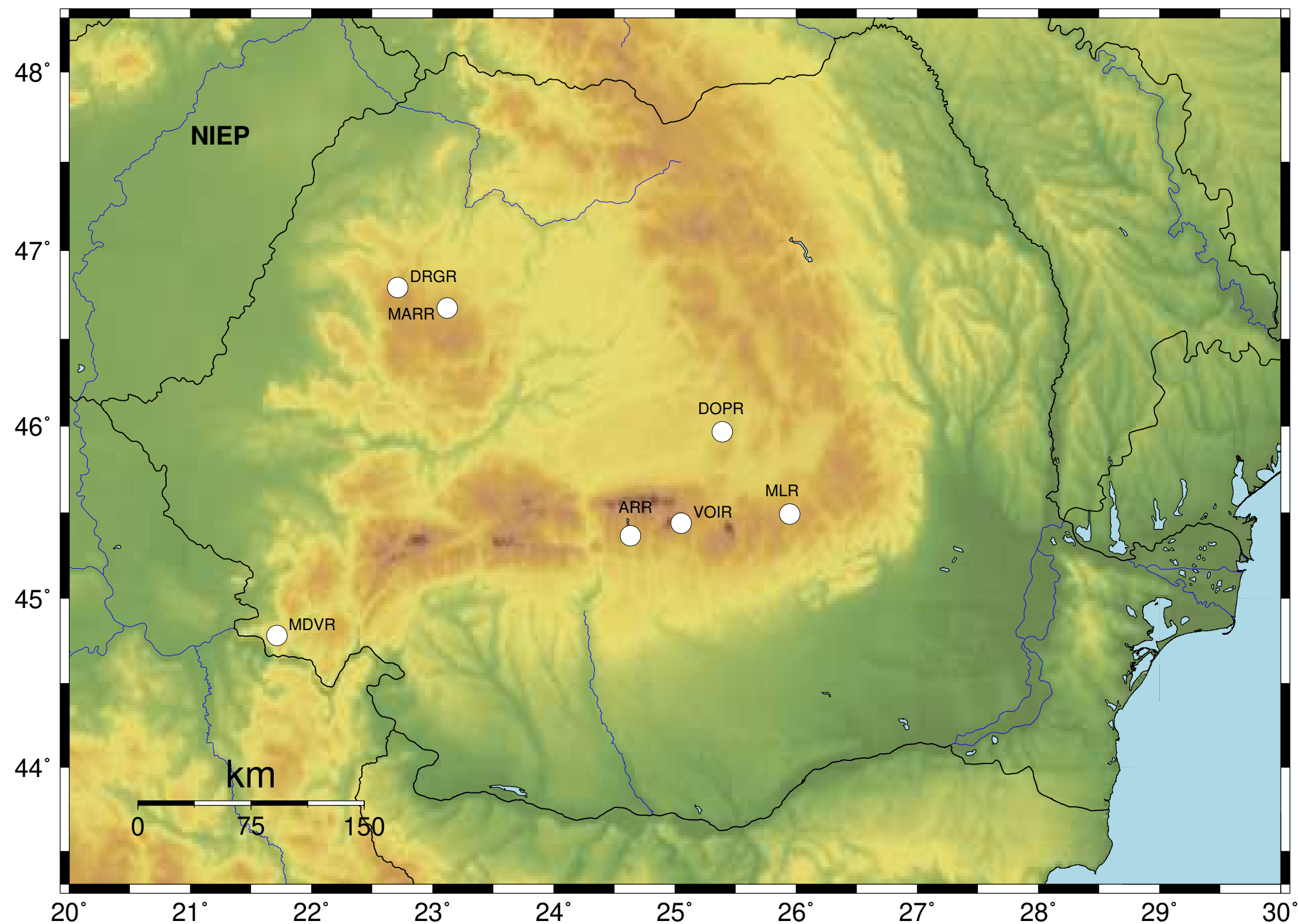
Stations intensities

Maximum intensity: ARR

Wed Apr 2, 2025 13:24:48 GMT ML Mb 5.6 N0.25 W28.56 Depth: 15.0km ID:75468

Station	Dist.(km)	Imsk
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ARR	7409	-
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MSK intensity scale