

Antelope - associated stations measurements on atlas24 ronet database

PAKISTAN - evid 77042

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/06/28	22:24:10.421	31.939	69.850	15.0		5.38	77308
Sta	Chan	PGV	PGA				
* 1 MLR	HHN	0.00					
MLR	HHE	-0.00					
MLR	HHZ	-0.00					
MLR	HNN		0.00				
MLR	HNE		0.00				
MLR	HNZ		0.00				
* 2 DOPR	HHE	-0.00					
DOPR	HHN	-0.00					
DOPR	HHZ	-0.00					
DOPR	HNE		0.01				
DOPR	HNN		0.01				
DOPR	HNZ		0.01				
* 3 DRGR	HHE	-0.00					
DRGR	HHN	-0.00					
DRGR	HHZ	-0.00					
DRGR	HNZ		1.45				
DRGR	HNE		1.27				
DRGR	HNN		-1.06				
* 4 BURAR	BHE	-0.00					
BURAR	BHN	0.00					
BURAR	BHZ	-0.00					
BURAR	BHN		-0.00				
BURAR	BHE		-0.00				
BURAR	BHZ		0.00				
* 5 MARR	HHZ	-0.00					
MARR	HHE	0.00					
MARR	HHN	0.00					
MARR	HNN		0.07				
MARR	HNE		0.04				
MARR	HNZ		-0.04				
* 6 PLOR	HHZ	-0.00					
PLOR	HHN	0.00					
PLOR	HHE	-0.00					
PLOR	HNE		-0.00				
PLOR	HNN		0.00				
PLOR	HNZ		-0.00				
* 7 VOIR	HHZ	-0.00					
VOIR	HHE	0.00					
VOIR	HHN	0.00					
VOIR	HNN		0.00				
VOIR	HNE		-0.04				
VOIR	HNZ		0.00				

* Associated RO stations: 7
Excluded stations:

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

Velocity	MARR_HHZ	0.00
Acceleration	DRGR_HNZ	1.45
Horizontal acc.	DRGR_HNE	1.27

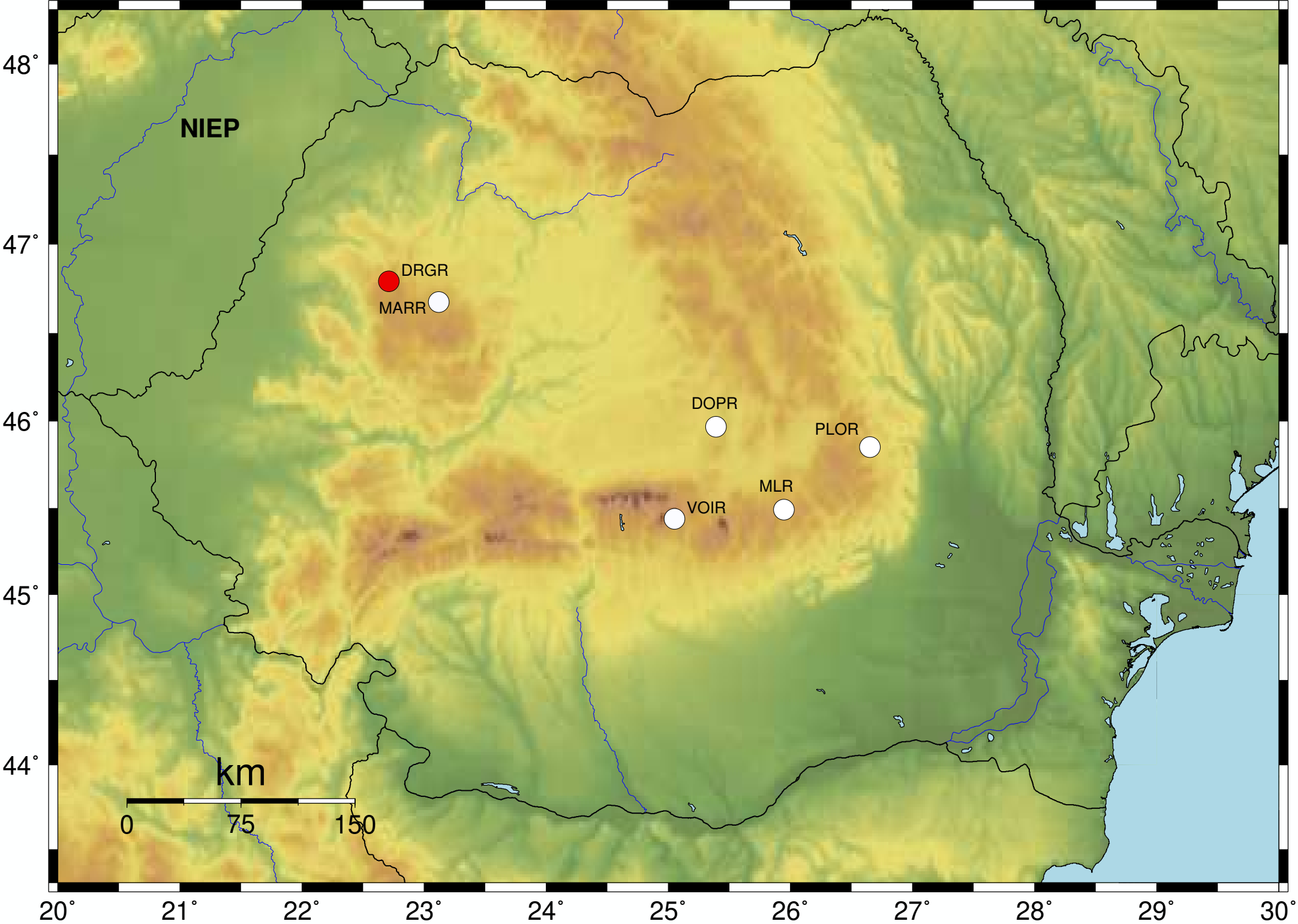
Stations max. horizontal acceleration and MSK intensity

1	BURAR_HNE		
2	DOPR_HNE	0.01	-
3	DRGR_HNE	1.27	II
4	MARR_HNN	0.07	-
5	MLR_HNE	0.00	
6	PLOR_HNE	0.00	
7	VOIR_HNE	0.04	-

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

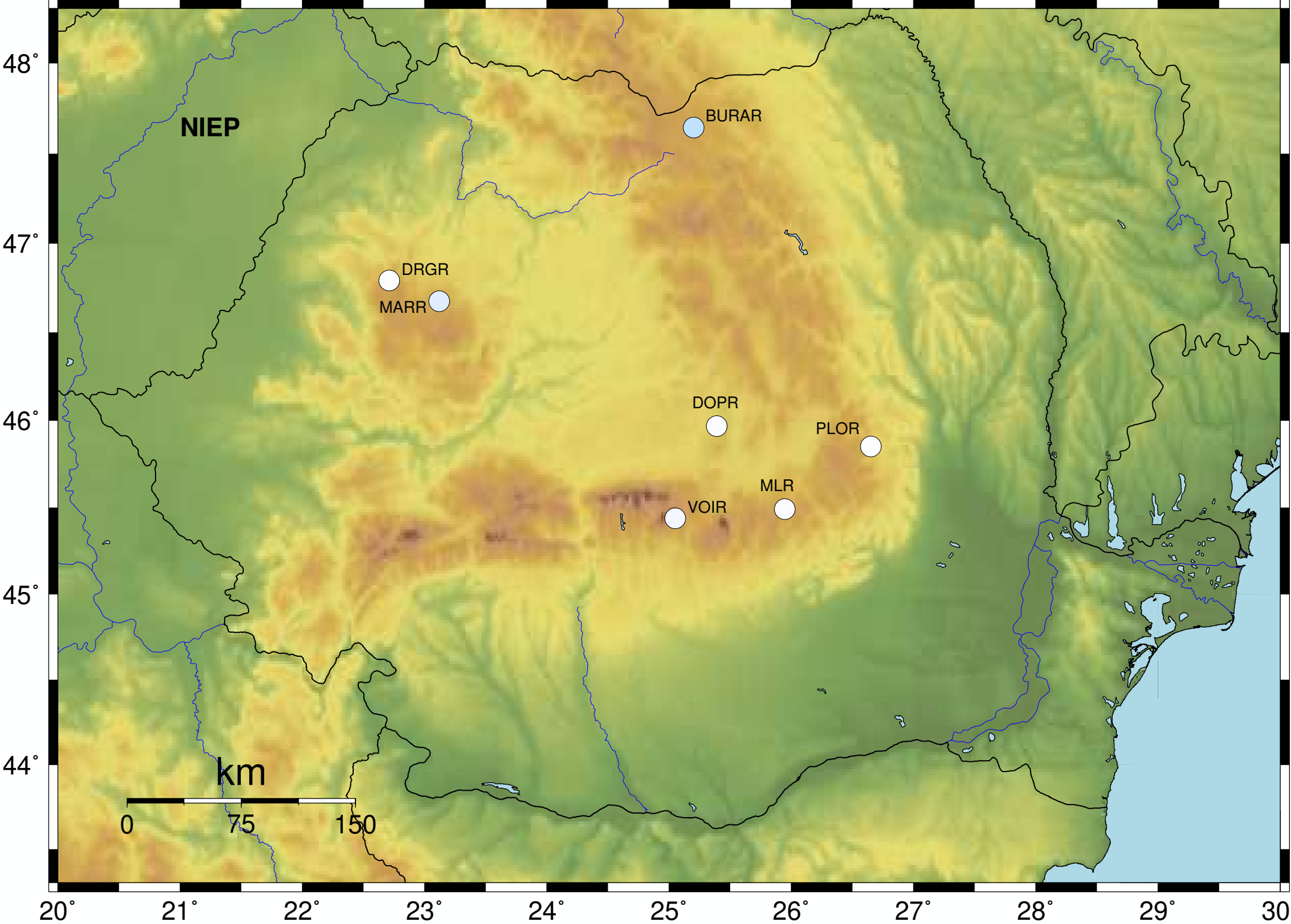
Maximum observed acceleration: DRGR_HNZ 1.45
Sat Jun 28, 2025 22:24:10 GMT ML Mb 5.4 N31.94 E69.85 Depth: 15.0km ID:77042

Station	Dist.(km)	Acc.
DRGR	4376	1.45
MARR	4341	0.07
VOIR	4168	0.04
DOPR	4149	0.01
PLOR	4046	0.00
MLR	4096	0.00
BURAR	4195	0.00

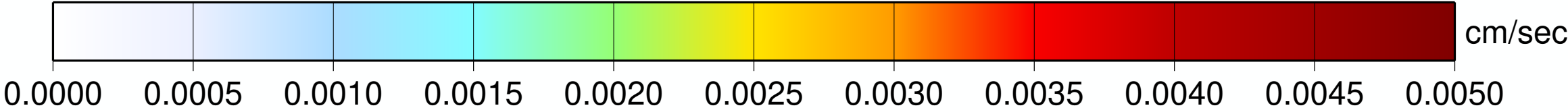


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: DRGR_HHZ 0.00
Sat Jun 28, 2025 22:24:10 GMT ML Mb 5.4 N31.94 E69.85 Depth: 15.0km ID:77042



Station	Dist.(km)	Velocity
BURAR	4195	0.00
MARR	4341	0.00
VOIR	4168	0.00
MLR	4096	0.00
DOPR	4149	0.00
DRGR	4376	0.00
PLOR	4046	0.00

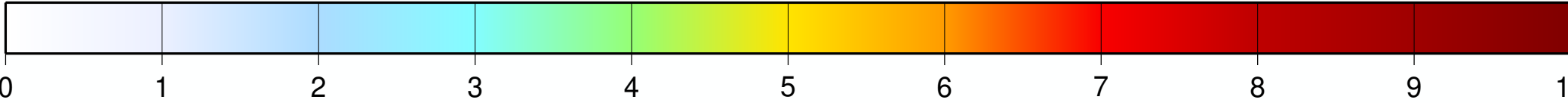
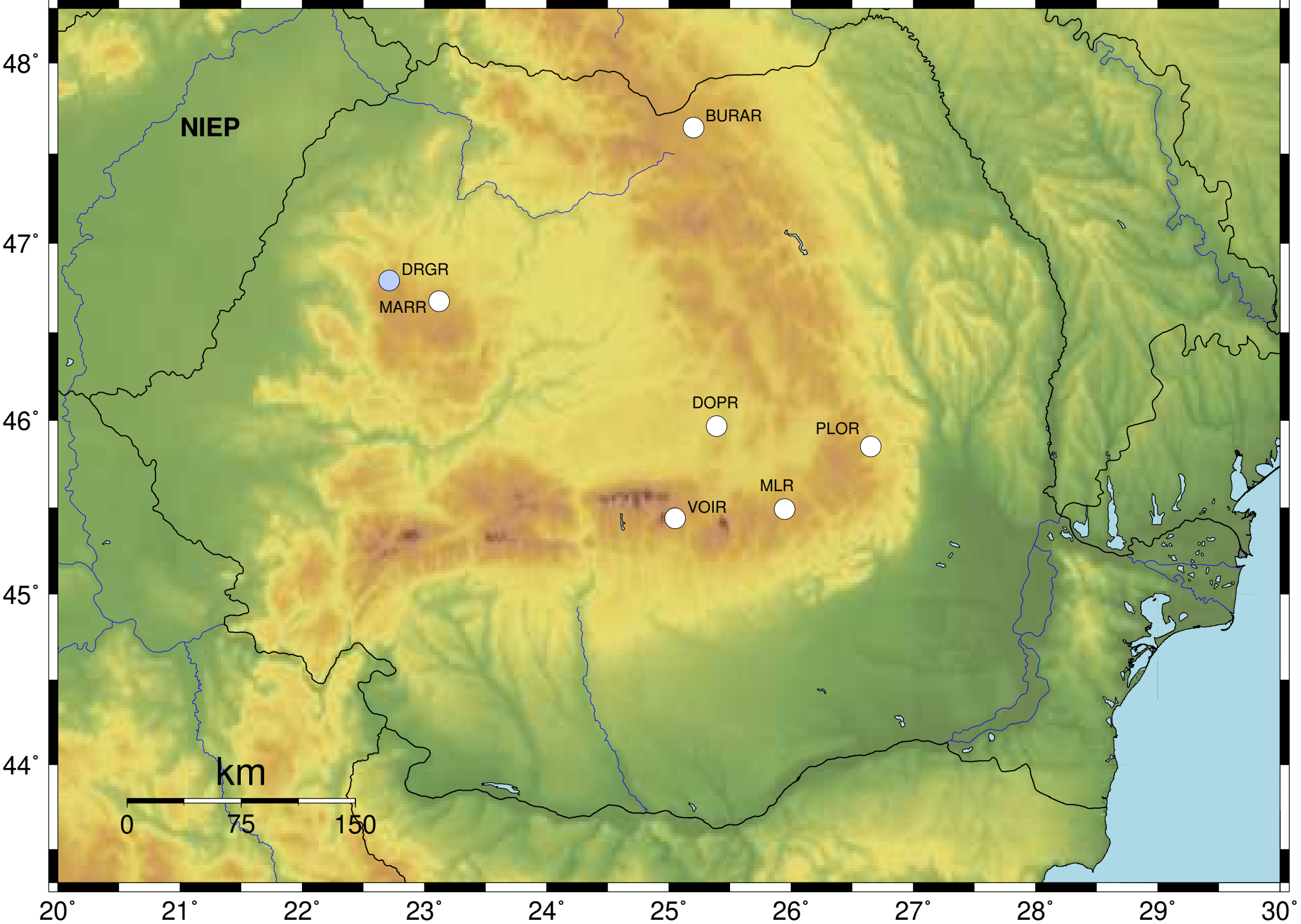


Stations intensities

Maximum intensity: DRGR

Sat Jun 28, 2025 22:24:10 GMT ML Mb 5.4 N31.94 E69.85 Depth: 15.0km ID:77042

Station	Dist.(km)	Imsk
DRGR	4376	II
VOIR	4168	-
MARR	4342	-
DOPR	4149	-



MSK intensity scale