

Antelope - associated stations measurements on atlas24 ronet database

NEW BRITAIN REGION, P.N.G. - evid 84787

Date	Time	Lat	Lon	Depth	ml	mb	orid
2026/02/28	06:23:23.553	-5.040	151.919	15.0		5.36	85053
Sta	Chan	PGV	PGA				
* 1 BZS	HHE	0.00					
BZS	HHZ	-0.00					
BZS	HHN	-0.00					
BZS	HNN		-0.06				
BZS	HNZ		0.00				
BZS	HNE		0.00				
* 2 ELND	HHE	-0.00					
ELND	HHN	0.00					
ELND	HHZ	0.00					
ELND	HNN		-0.12				
ELND	HNZ		0.21				
ELND	HNE		0.12				
* 3 BLKB	HHZ	-0.00					
BLKB	HHN	-0.00					
BLKB	HHE	-0.00					
BLKB	HNE		0.00				
BLKB	HNZ		0.02				
BLKB	HNN		0.01				
* 4 SURR	HHN	-0.00					
SURR	HHZ	-0.00					
SURR	HHE	0.00					
SURR	HNE		0.01				
SURR	HNZ		-0.00				
SURR	HNN		0.01				
* 5 ARR	HHE	-0.00					
ARR	HHZ	-0.00					
ARR	HHN	-0.00					
ARR	HNE		0.00				
ARR	HNZ		0.00				
ARR	HNN		0.01				
* 6 GZR	HHE	-0.00					
GZR	HHN	-0.00					
GZR	HHZ	-0.00					
GZR	HNZ		0.00				
GZR	HNN		0.00				
GZR	HNE		-0.00				

* Associated RO stations: 6
Excluded stations:

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

Velocity	ARR_HHE	0.00
Acceleration	ELND_HNZ	0.21

Horizontal acc. ELND_HNE 0.12

Stations max. horizontal acceleration and MSK intensity

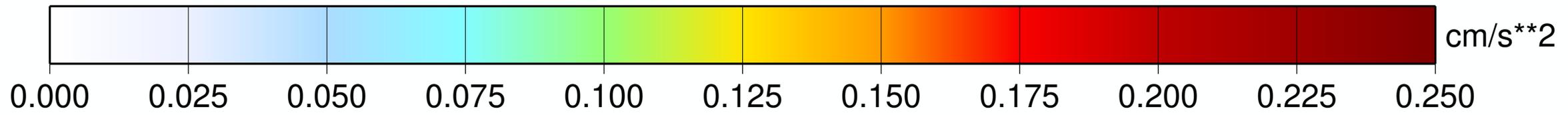
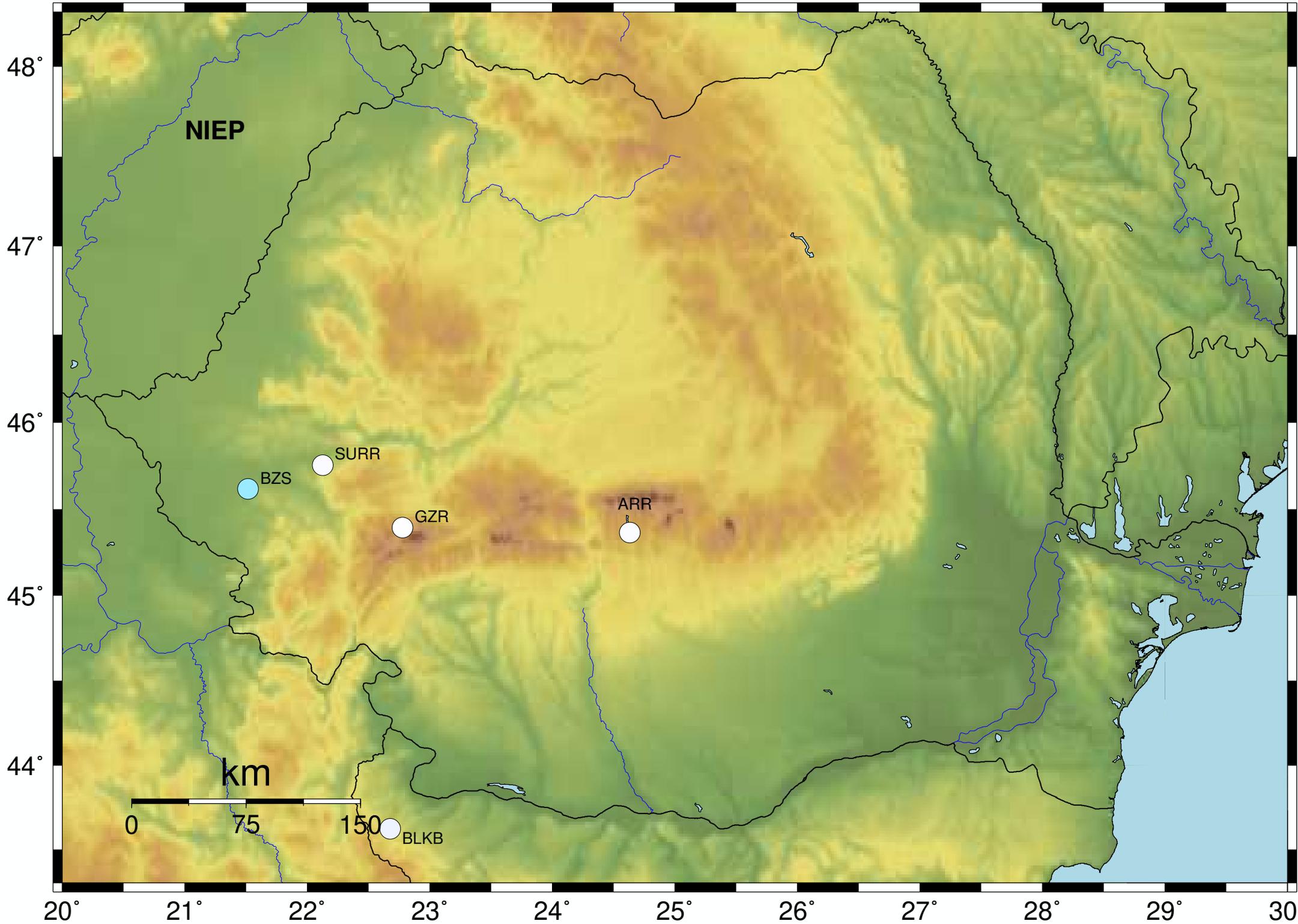
1	ARR_HNN	0.01	-
2	BLKB_HNN	0.01	-
3	BZS_HNN	0.06	-
4	ELND_HNE	0.12	-
5	GZR_HNE	0.00	-
6	SURR_HNE	0.01	-

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

Maximum observed acceleration: ELND_HNZ 0.21

Sat Feb 28, 2026 06:23:23 GMT ML Mb 5.4 S5.04 E151.92 Depth: 15.0km ID:84787

Station	Dist.(km)	Acc.
BZS	14720	0.06
BLKB	14603	0.02
SURR	14662	0.01
ARR	14419	0.01
GZR	14598	0.00

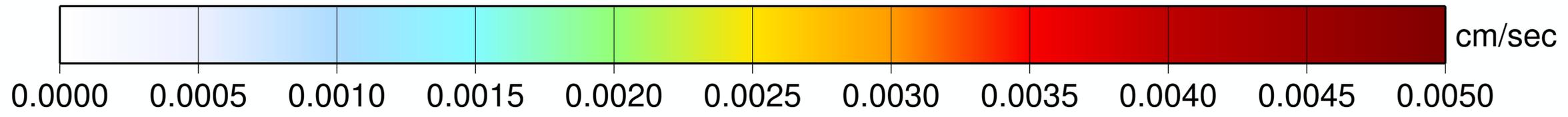
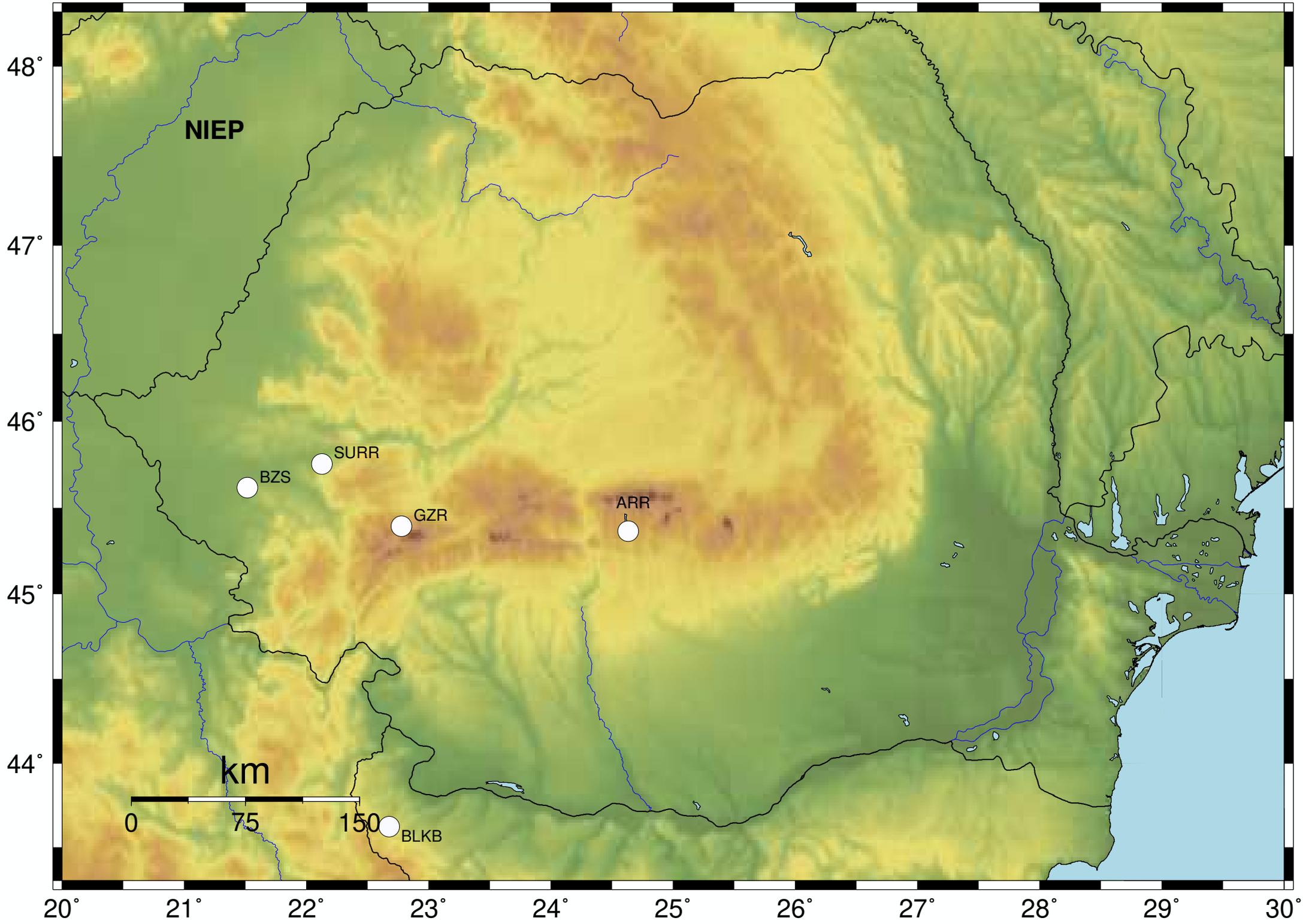


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BLKB_HHE 0.00

Sat Feb 28, 2026 06:23:23 GMT ML Mb 5.4 S5.04 E151.92 Depth: 15.0km ID:84787

Station	Dist.(km)	Velocity
BLKB	14603	0.00
SURR	14662	0.00
ARR	14419	0.00
BZS	14720	0.00
GZR	14598	0.00

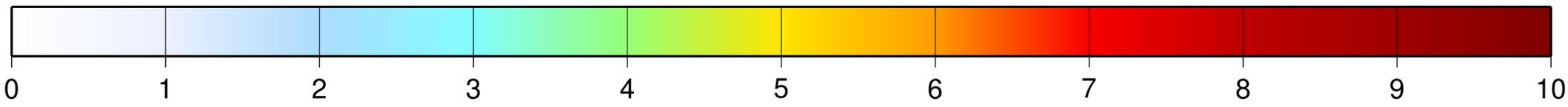
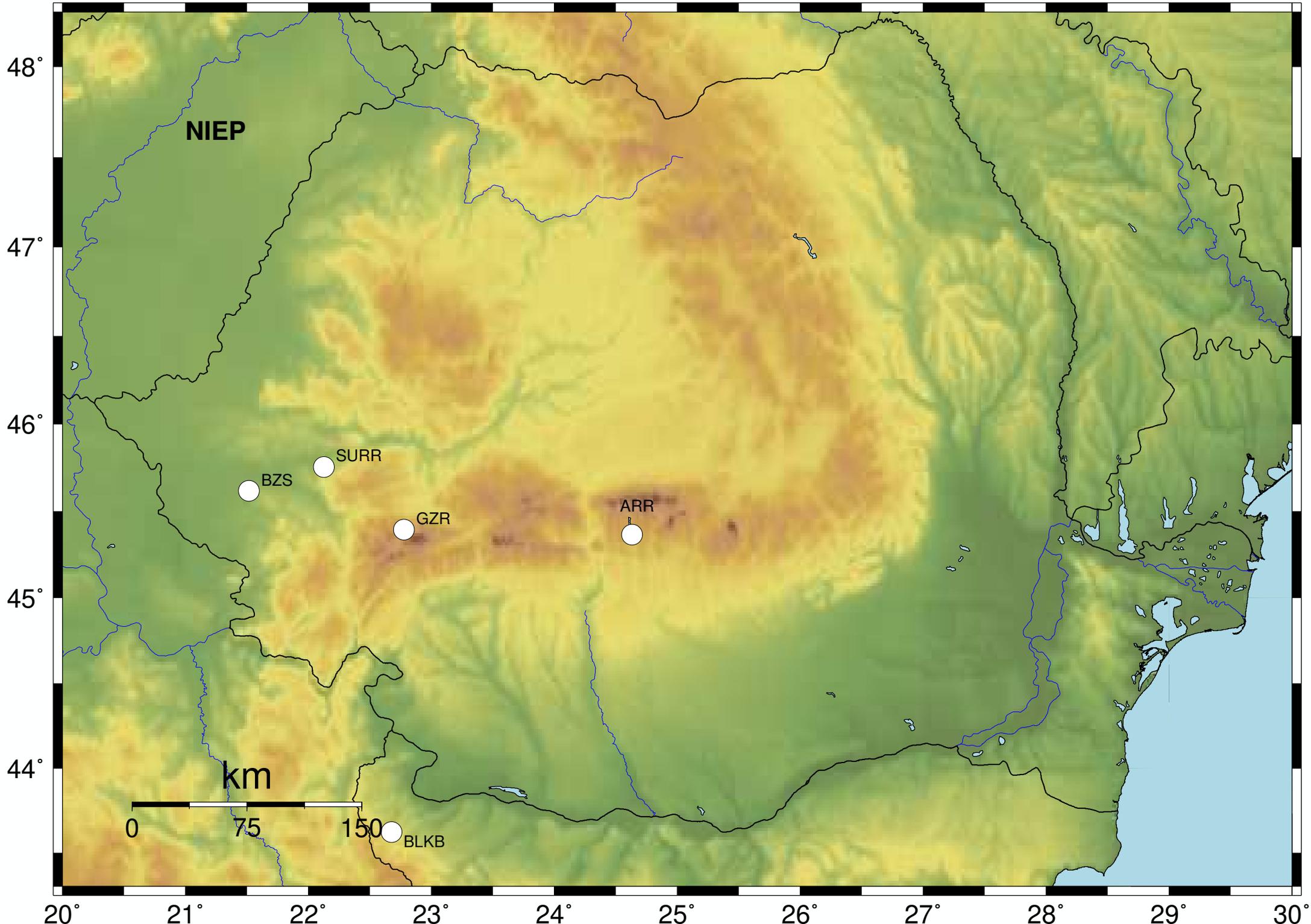


Stations intensities

Maximum intensity: ELND

Sat Feb 28, 2026 06:23:23 GMT ML Mb 5.4 S5.04 E151.92 Depth: 15.0km ID:84787

Station	Dist.(km)	Imsk
SURR	14663	-
ELND	14289	-
BZS	14709	-
BLKB	14604	-
ARR	14420	-



MSK intensity scale