

Antelope - associated stations measurements on atlas24 ronet database

OFF EAST COAST OF KAMCHATKA - evid 81988

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/10/19	07:23:51.499	52.904	159.621	15.0		5.21	82254
Sta	Chan	PGV	PGA				
* 1	BZS	HHE	-0.00				
	BZS	HHZ	-0.00				
	BZS	HHN	-0.00				
	BZS	HNN		0.15			
	BZS	HNE		0.00			
	BZS	HNZ		0.00			
* 2	SURR	HHZ	0.00				
	SURR	HHE	-0.00				
	SURR	HHN	-0.00				
	SURR	HNZ		0.02			
	SURR	HNE		0.07			
	SURR	HNN		0.08			
* 3	GZR	HHE	-0.00				
	GZR	HHZ	-0.00				
	GZR	HHN	-0.00				
	GZR	HNN		-0.00			
	GZR	HNE		-0.00			
	GZR	HNZ		-0.00			
* 4	BURAR	BHZ	-0.00				
	BURAR	BHE	-0.00				
	BURAR	BHN	0.00				
	BURAR	BHZ		-0.00			
	BURAR	BHE		0.00			
	BURAR	BHN		-0.00			
* 5	DRGR	HHZ	-0.00				
	DRGR	HHE	-0.00				
	DRGR	HHN	-0.00				
	DRGR	HNZ		-1.37			
	DRGR	HNE		-1.30			
	DRGR	HNN		0.84			
* 6	ARR	HHN	-0.00				
	ARR	HHZ	0.00				
	ARR	HHE	0.00				
	ARR	HNE		-0.01			
	ARR	HNZ		0.01			
	ARR	HNN		0.01			

* Associated RO stations: 6
Excluded stations:

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

Velocity	ARR_HHN	0.00
Acceleration	DRGR_HNZ	1.37

Horizontal acc.	DRGR_HNE	1.30
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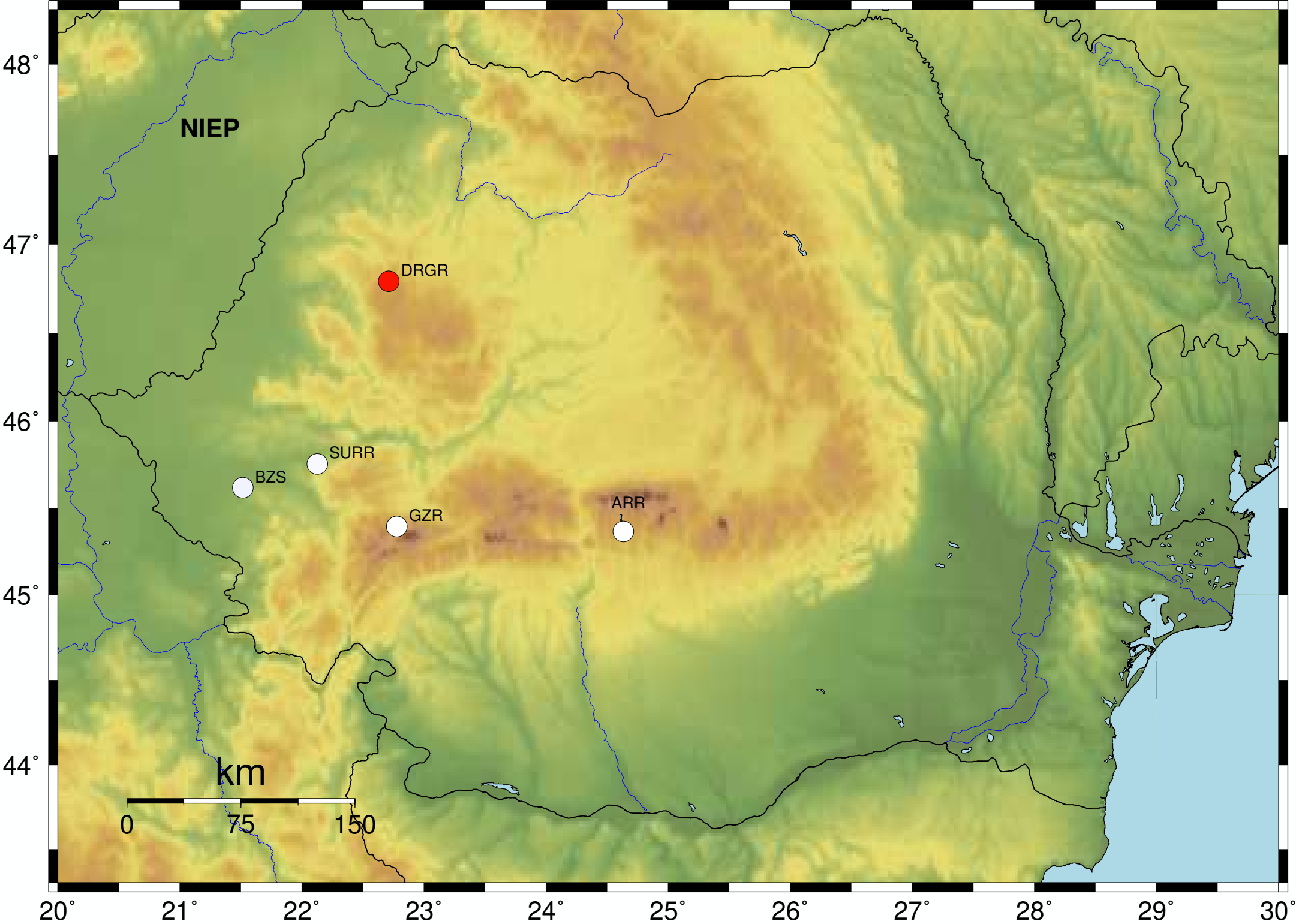
Stations max. horizontal acceleration and MSK intensity

1	ARR_HNE	0.01	-
2	BURAR_HNE		
3	BZS_HNN	0.15	-
4	DRGR_HNE	1.30	II
5	GZR_HNE	0.00	
6	SURR_HNN	0.08	-

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

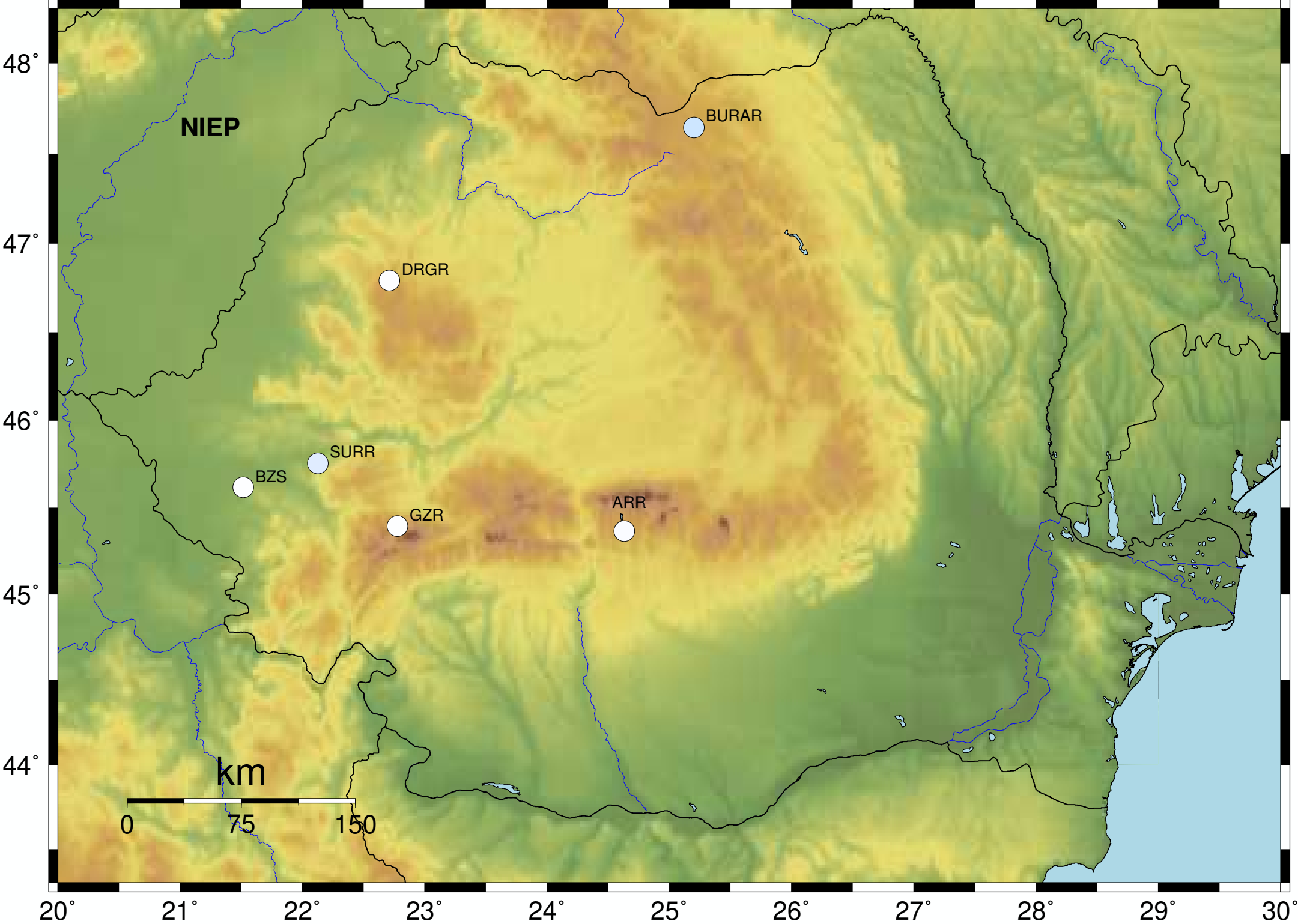
Maximum observed acceleration: DRGR_HNZ 1.37
Sun Oct 19, 2025 07:23:51 GMT ML Mb 5.2 N52.90 E159.62 Depth: 15.0km ID:81988

Station	Dist.(km)	Acc.
DRGR	9840	1.37
BZS	10054	0.15
SURR	9995	0.08
ARR	9856	0.01
GZR	9987	0.00
BURAR	9570	0.00

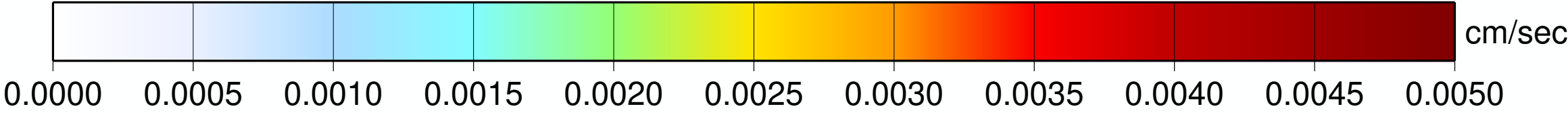


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BZS_HHZ 0.00
Sun Oct 19, 2025 07:23:51 GMT ML Mb 5.2 N52.90 E159.62 Depth: 15.0km ID:81988



Station	Dist.(km)	Velocity
BURAR	9570	0.00
SURR	9995	0.00
ARR	9856	0.00
DRGR	9840	0.00
GZR	9987	0.00
BZS	10054	0.00

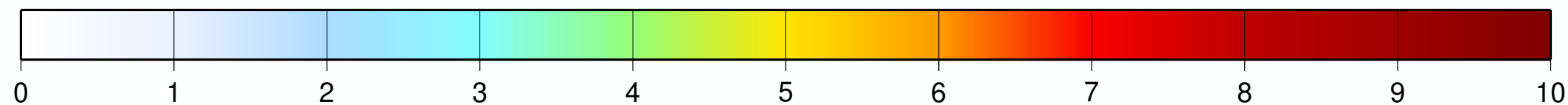
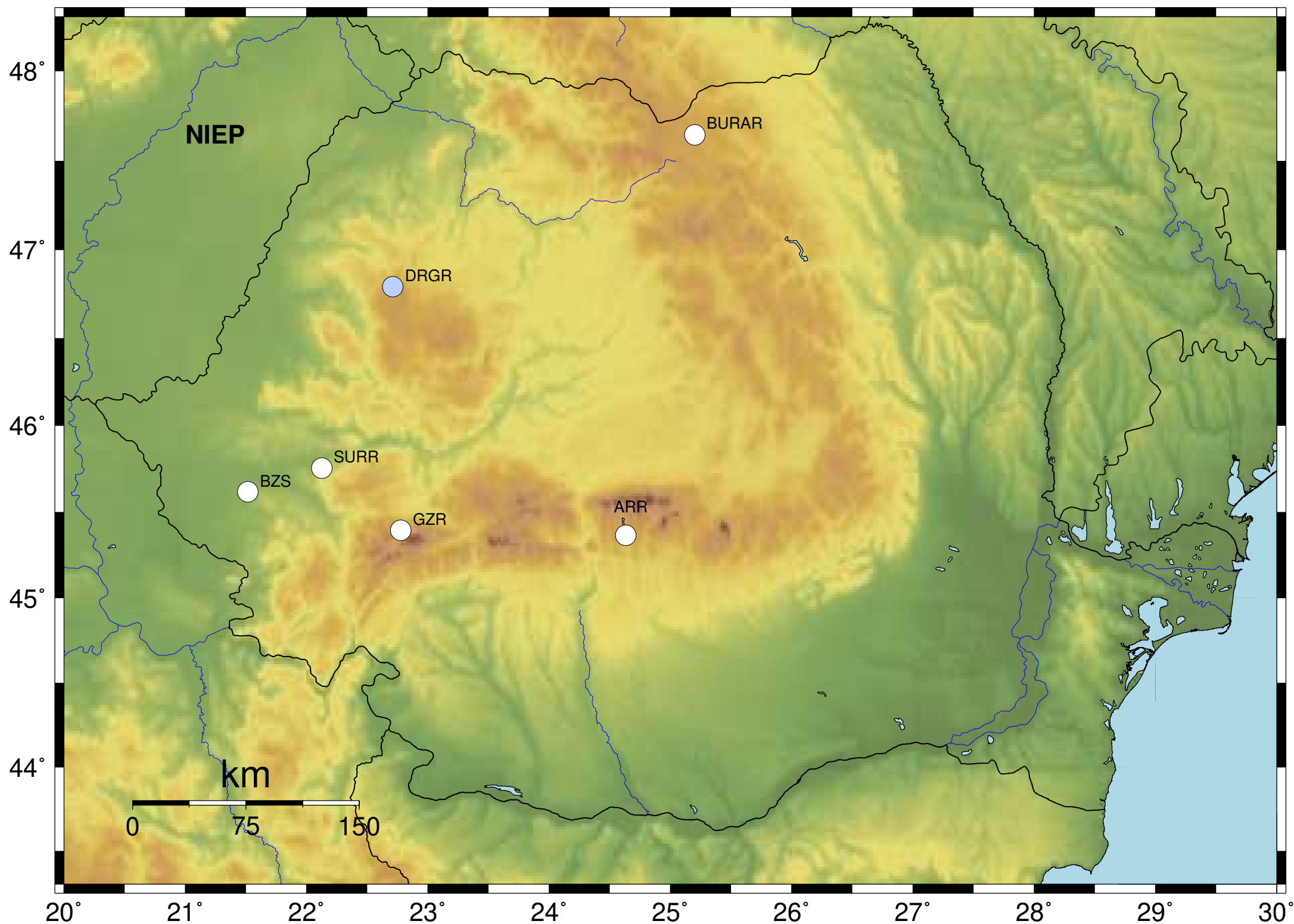


Stations intensities

Maximum intensity: DRGR

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Station	Dist.(km)	Imsk
DRGR	9840	II
SURR	9996	-
BZS	10046	-
ARR	9856	-



MSK intensity scale