

Antelope - associated stations measurements on atlas2 ronet database

TURKMENISTAN - evid 72581

Date	Time	Lat	Lon	Depth	ml	mb	orid
2024/09/07	20:13:23.589	39.095	57.611	15.0		4.85	72847
Sta	Chan	PGV	PGA				
* 1	SURR HHE	0.00					
	SURR HHZ	-0.00					
	SURR HHN	-0.00					
	SURR HNZ		-0.01				
	SURR HNE		0.02				
	SURR HNN		0.01				
* 2	MDVR HHE	-0.00					
	MDVR HHZ	0.00					
	MDVR HHN	-0.00					
	MDVR HNZ		0.00				
	MDVR HNE		0.00				
	MDVR HNN		0.00				
* 3	BURAR BHZ	-0.00					
	BURAR BHE	-0.00					
	BURAR BHN	0.00					
	BURAR BHZ		0.00				
	BURAR BHE		0.00				
	BURAR BHN		-0.00				
* 4	BZS HHE	0.00					
	BZS HHZ	-0.00					
	BZS HHN	0.00					
	BZS HNZ		-0.00				
	BZS HNE		0.00				
	BZS HNN		0.02				
* 5	CFR HHE	0.00					
	CFR HHZ	0.00					
	CFR HHN	0.00					
	CFR HNZ		0.00				
	CFR HNE		-0.00				
	CFR HNN		-0.00				
* 6	ARR HHE	-0.00					
	ARR HHZ	-0.00					
	ARR HHN	0.00					
	ARR HNZ		-0.00				
	ARR HNE		-0.00				
	ARR HNN		0.01				
* 7	PLOR HHE	0.00					
	PLOR HHZ	-0.00					
	PLOR HHN	0.00					
	PLOR HNZ		0.00				
	PLOR HNE		0.00				
	PLOR HNN		0.00				
* 8	DEV HHE	-0.00					
	DEV HHZ	0.00					
	DEV HHN	-0.00					
	DEV HNZ		0.01				
	DEV HNE		-0.08				
	DEV HNN		-0.03				

*	9	MLR	HHE	-0.00	
		MLR	HHZ	-0.00	
		MLR	HHN	0.00	
		MLR	HNZ		0.02
		MLR	HNE		0.02
		MLR	HNN		0.03
*	10	DOPR	HHE	-0.00	
		DOPR	HHZ	0.00	
		DOPR	HHN	0.00	
		DOPR	HNZ		0.01
		DOPR	HNE		-0.01
		DOPR	HNN		0.01
*	11	DRGR	HHE	-0.00	
		DRGR	HHZ	-0.00	
		DRGR	HHN	-0.00	
		DRGR	HNZ		0.00
		DRGR	HNE		-0.00
		DRGR	HNN		0.00

* Associated RO stations: 11
Excluded stations:

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

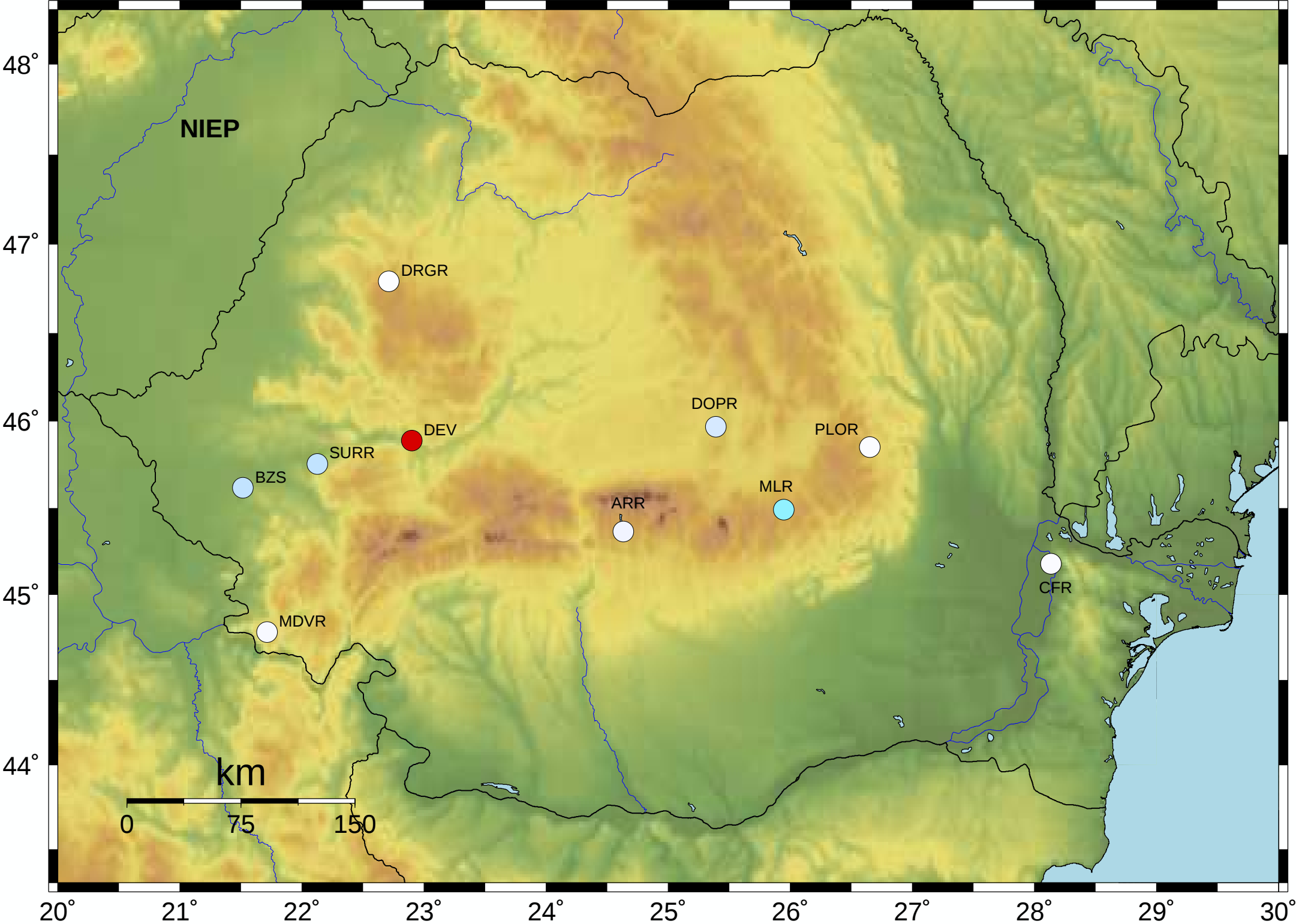
Velocity	ARR_HHN	0.00
Acceleration	DEV_HNE	0.08

Stations max. horizontal acceleration and MSK intensity

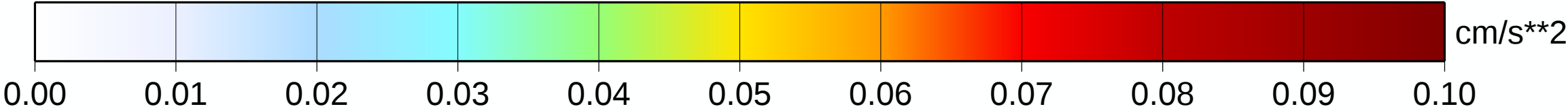
1	ARR_HNN	0.01	-
2	BURAR_HNE		
3	BZS_HNN	0.02	-
4	CFR_HNE	0.00	
5	DEV_HNE	0.08	-
6	DOPR_HNE	0.01	-
7	DRGR_HNE	0.00	
8	MDVR_HNE	0.00	
9	MLR_HNN	0.03	-
10	PLOR_HNE	0.00	
11	SURR_HNE	0.02	-

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

Maximum observed acceleration: DEV_HNE 0.08
Sat Sep 7, 2024 20:13:23 GMT ML Mb 4.8 N39.09 E57.61 Depth: 15.0km ID:72581

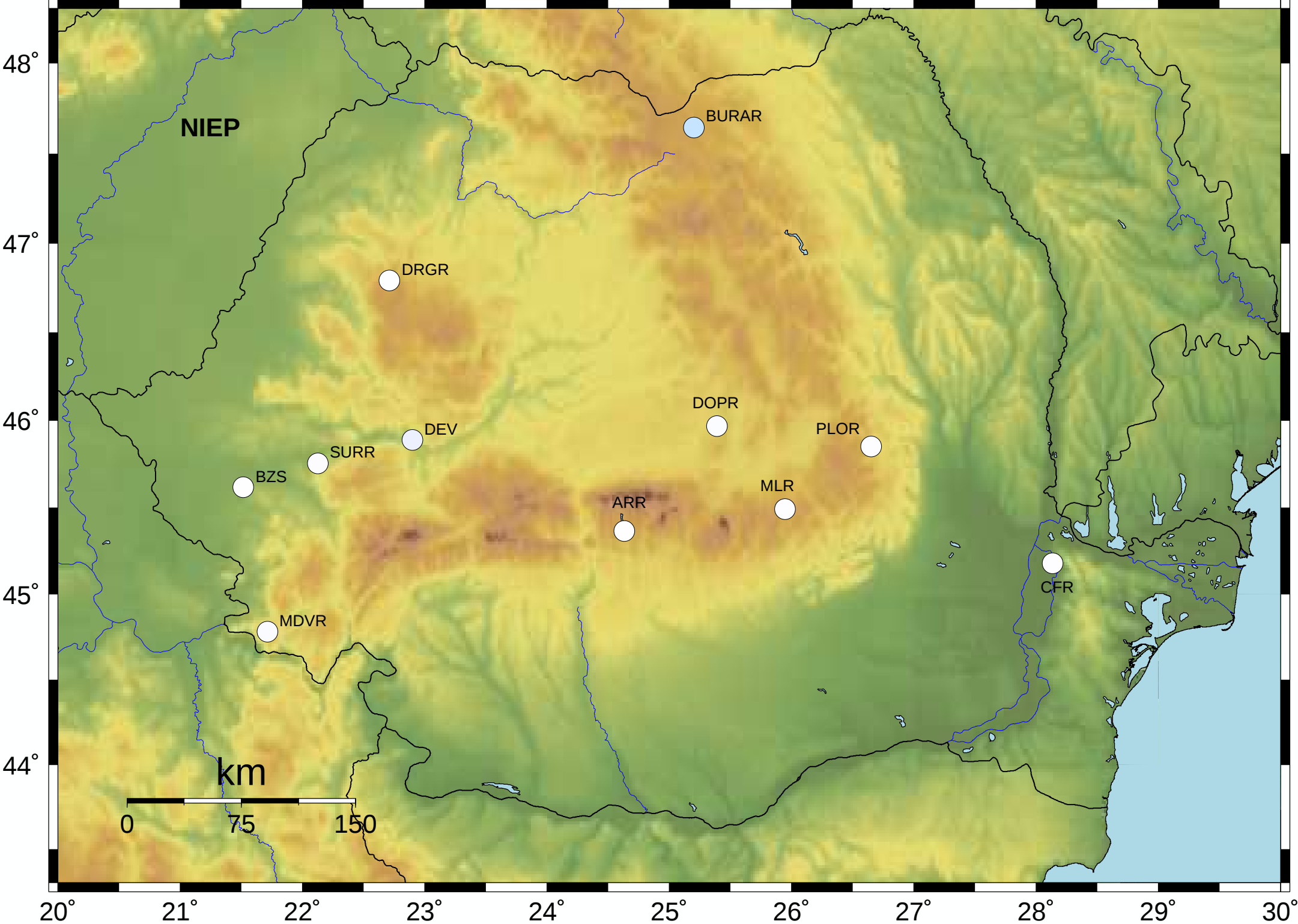


Station	Dist.(km)	Acc.
DEV	2944	0.08
MLR	2699	0.03
SURR	3005	0.02
BZS	3053	0.02
DOPR	2748	0.01
ARR	2803	0.01
MDVR	3035	0.00
CFR	2522	0.00
PLOR	2648	0.00
DRGR	2966	0.00
BURAR	2786	0.00

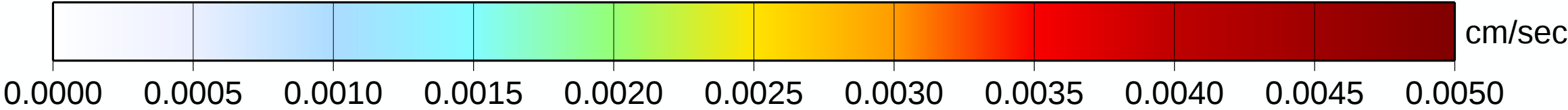


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BZS_HHZ 0.00
Sat Sep 7, 2024 20:13:23 GMT ML Mb 4.8 N39.09 E57.61 Depth: 15.0km ID:72581



Station	Dist.(km)	Velocity
BURAR	2786	0.00
DEV	2944	0.00
MDVR	3035	0.00
DOPR	2748	0.00
SURR	3005	0.00
MLR	2699	0.00
PLOR	2648	0.00
CFR	2522	0.00
DRGR	2966	0.00
ARR	2803	0.00
BZS	3053	0.00

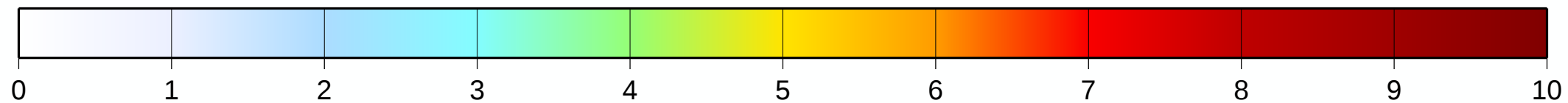
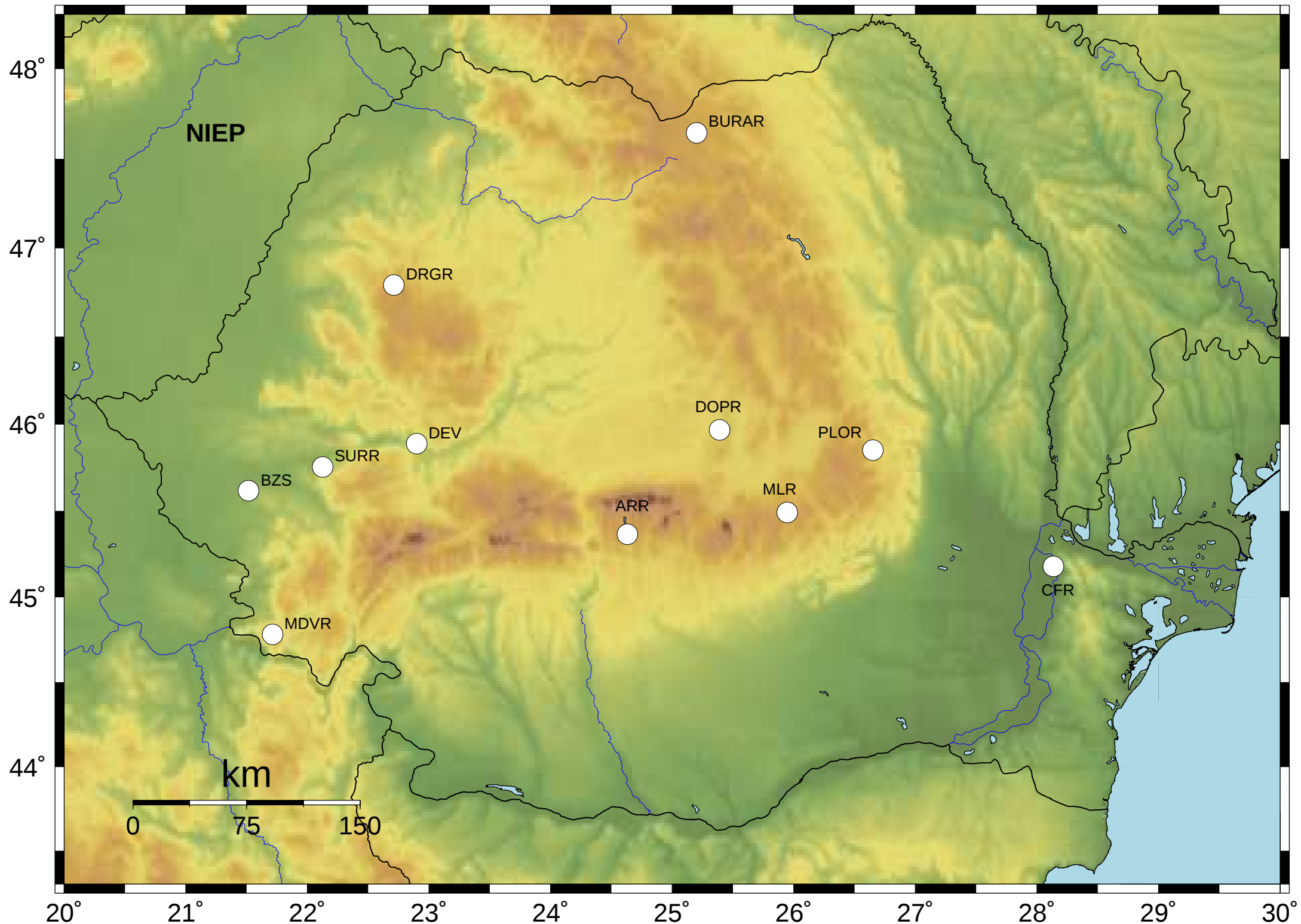


Stations intensities

Maximum intensity: DEV

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Station	Dist.(km)	Imsk
SURR	3005	—
MLR	2700	—
DOPR	2749	—
DEV	2945	—
BZS	3043	—
ARR	2803	—



MSK intensity scale