

Antelope - associated stations measurements on atlas24 ronet database

MID-INDIAN RIDGE - evid 74664

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/02/11	05:00:18.590	-33.665	76.645	15.0		5.72	74930
Sta	Chan	PGV	PGA				
* 1	DOPR	HHN	-0.00				
	DOPR	HHZ	-0.00				
	DOPR	HHE	-0.00				
	DOPR	HNE		0.00			
	DOPR	HNZ		0.00			
	DOPR	HNN		0.00			
* 2	VRI	HHE	0.00				
	VRI	HHZ	-0.00				
	VRI	HHN	-0.00				
	VRI	HNZ		0.00			
	VRI	HNN		-0.01			
	VRI	HNE		-0.00			
* 3	BLKB	HHZ	-0.00				
	BLKB	HHN	0.00				
	BLKB	HHE	-0.00				
	BLKB	HNE		-0.00			
	BLKB	HNN		0.01			
	BLKB	HNZ		0.02			
* 4	SURR	HHE	-1.21				
	SURR	HHN	0.00				
	SURR	HHZ	0.00				
	SURR	HNE		-0.01			
	SURR	HNN		-0.02			
	SURR	HNZ		0.01			
* 5	MLR	HHE	0.00				
	MLR	HHN	-0.00				
	MLR	HHZ	-0.00				
	MLR	HNE		-0.00			
	MLR	HNN		0.00			
	MLR	HNZ		0.00			
* 6	ARR	HHE	-0.00				
	ARR	HHZ	-0.00				
	ARR	HHN	-0.00				
	ARR	HNE		0.00			
	ARR	HNN		0.01			
	ARR	HNZ		0.00			
* 7	PLOR	HHN	-0.00				
	PLOR	HHZ	-0.00				
	PLOR	HHE	-0.00				
	PLOR	HNE		0.00			
	PLOR	HNN		-0.00			
	PLOR	HNZ		0.00			

* Associated RO stations: 7
Excluded stations:

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

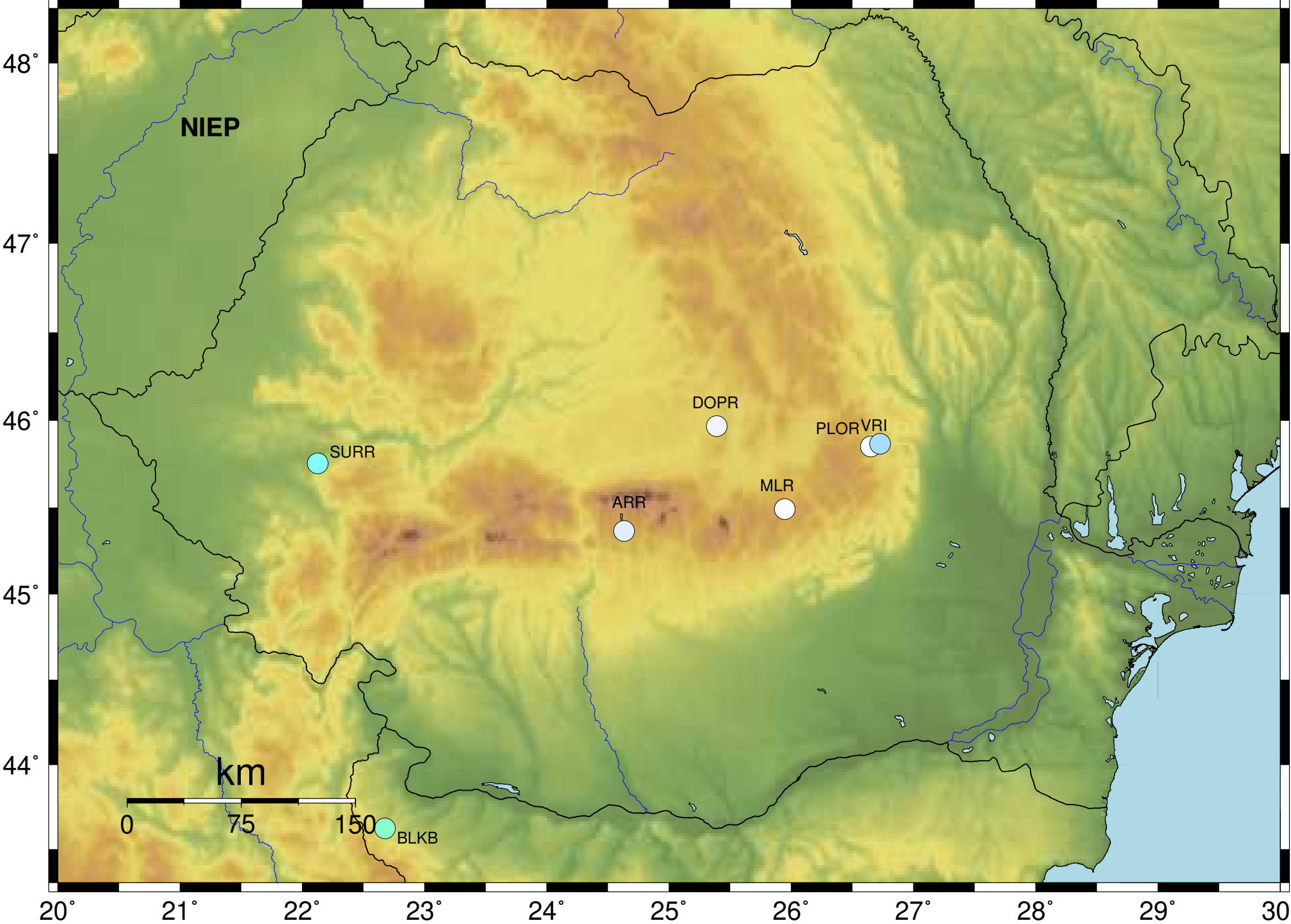
Velocity	SURR_HHE	1.21
Acceleration	BLKB_HNZ	0.02
Horizontal acc.	SURR_HNN	0.02

Stations max. horizontal acceleration and MSK intensity

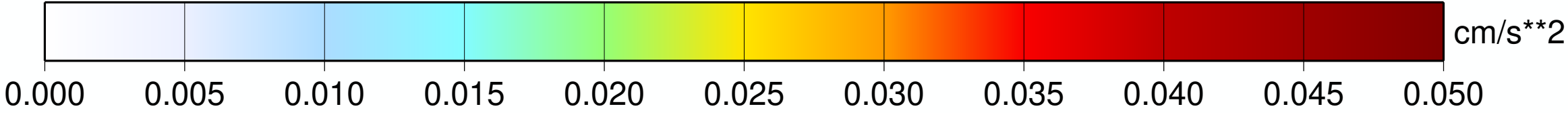
1	ARR_HNN	0.01	-
2	BLKB_HNN	0.01	-
3	DOPR_HNE	0.00	
4	MLR_HNE	0.00	
5	PLOR_HNE	0.00	
6	SURR_HNN	0.02	-
7	VRI_HNN	0.01	-

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

Maximum observed acceleration: BLKB_HNZ 0.02
Tue Feb 11, 2025 05:00:18 GMT ML Mb 5.7 S33.66 E76.65 Depth: 15.0km ID:74664



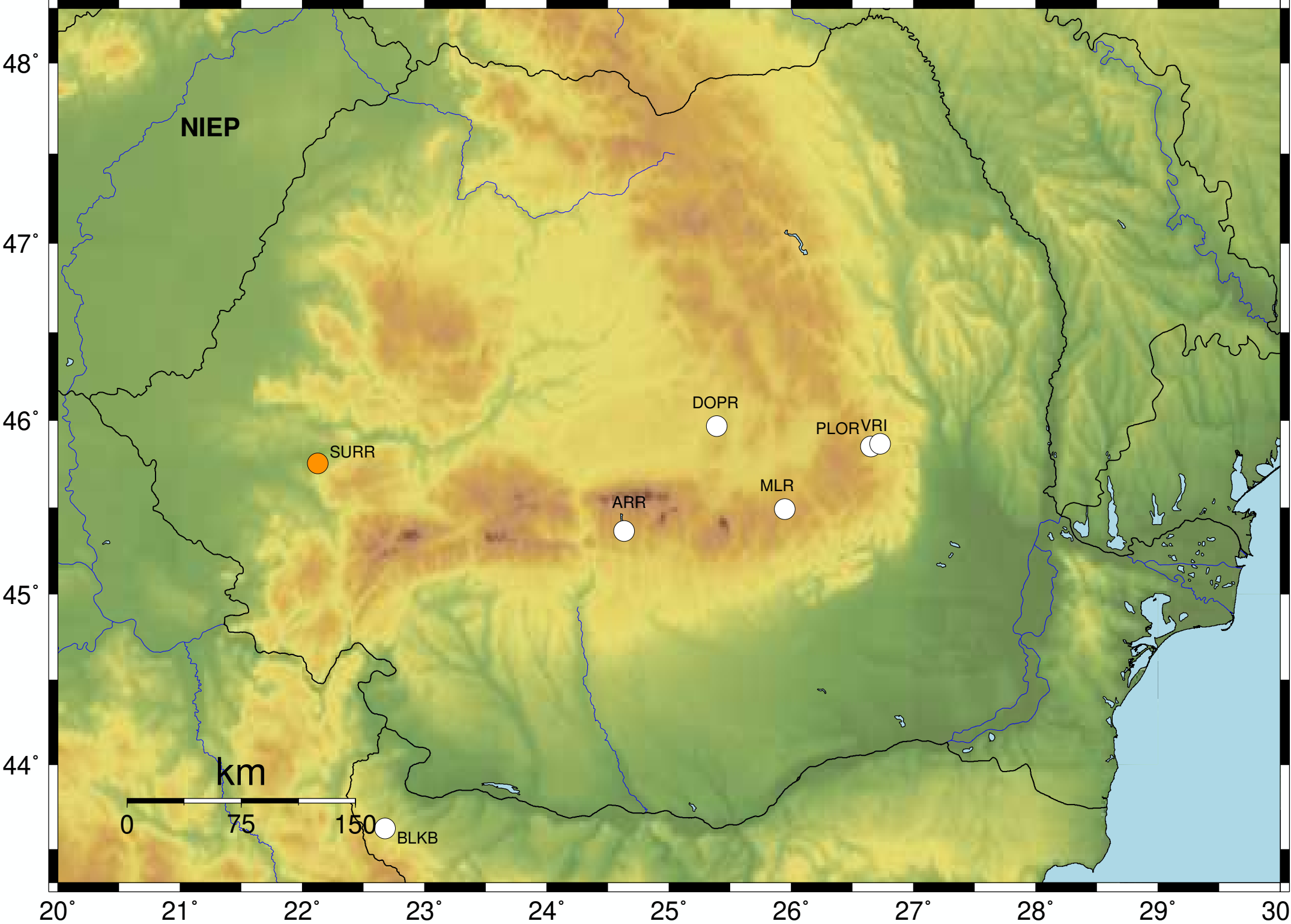
Station	Dist.(km)	Acc.
BLKB	10469	0.02
SURR	10692	0.02
VRI	10424	0.01
ARR	10503	0.01
DOPR	10512	0.00
PLOR	10427	0.00
MLR	10436	0.00



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: SURR_HHE 1.21
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Station	Dist.(km)	Velocity
SURR	10692	1.21
DOPR	10512	0.00
PLOR	10427	0.00
ARR	10503	0.00
MLR	10436	0.00
BLKB	10469	0.00
VRI	10424	0.00

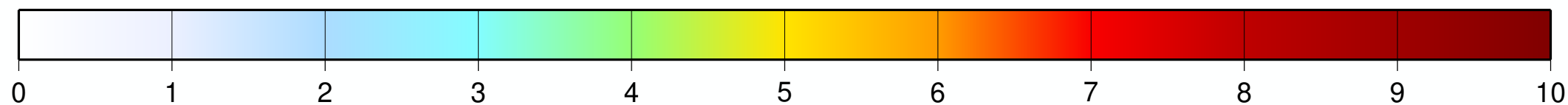
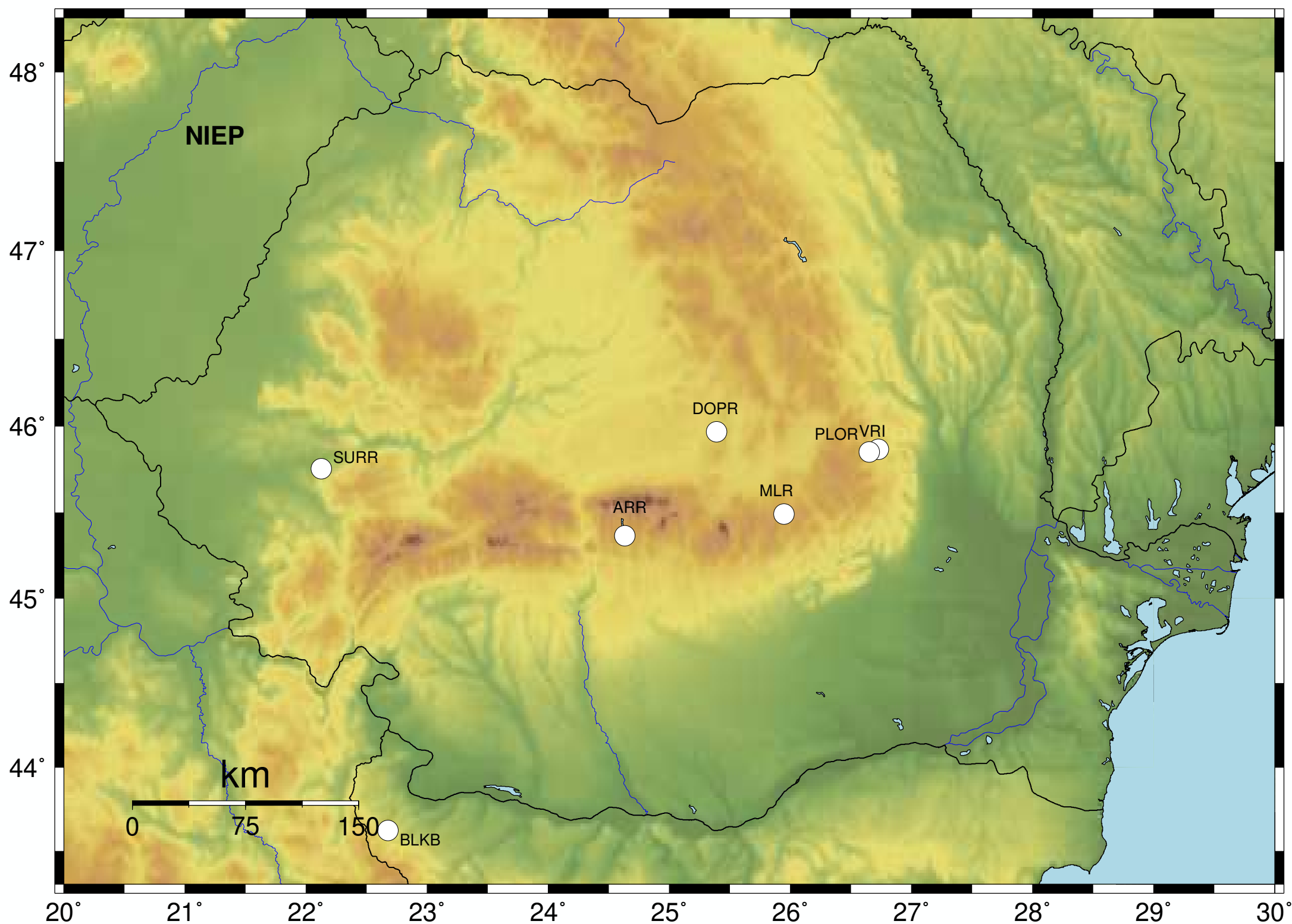


Stations intensities

Maximum intensity: SURR

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Station	Dist.(km)	lmsk
VRI	10424	—
SURR	10693	—
BLKB	10469	—
ARR	10504	—



MSK intensity scale