

Antelope - associated stations measurements on atlas24 ronet database

HOKKAIDO, JAPAN REGION - evid 83370

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/12/12	03:21:44.612	41.997	142.504	15.0		5.84	83636
Sta	Chan	PGV	PGA				
* 1 MLR	HHN	-0.00					
MLR	HHE	0.00					
MLR	HHZ	-0.00					
MLR	HNE		0.00				
MLR	HNN		-0.00				
MLR	HNZ		-0.00				
* 2 TESR	HHZ	0.00					
TESR	HHE	0.00					
TESR	HHN	0.00					
TESR	HNZ		-0.00				
TESR	HNE		0.00				
TESR	HNN		0.00				
* 3 ODBI	EHZ	0.00					
ODBI	EHE	-0.00					
ODBI	EHN	-0.00					
ODBI	HNZ		-0.01				
ODBI	HNE		-0.02				
ODBI	HNN		0.02				
* 4 BOSR	HHN	0.00					
BOSR	HHE	-0.00					
BOSR	HHZ	-0.00					
* 5 BISRR	HHE	-0.01					
BISRR	HHN	-0.01					
BISRR	HHZ	0.01					
BISRR	HNN		-0.03				
BISRR	HNE		0.01				
BISRR	HNZ		0.03				
* 6 MARR	HHE	-0.00					
MARR	HHN	0.00					
MARR	HHZ	0.00					
MARR	HNZ		0.00				
MARR	HNN		0.00				
MARR	HNE		-0.00				
* 7 VRI	HHN	0.01					
VRI	HHE	0.01					
VRI	HHZ	0.01					
VRI	HNZ		-0.01				
VRI	HNN		0.01				
VRI	HNE		0.01				
* 8 DRGR	HHE	0.00					
DRGR	HHN	-0.00					
DRGR	HHZ	0.00					
DRGR	HNN		0.27				
DRGR	HNE		0.36				
DRGR	HNZ		0.44				
* 9 CJR	HHZ	-0.00					

	CJR	HHN	-0.00	
	CJR	HHE	-0.00	
	CJR	HNE		-0.00
	CJR	HNN		-0.00
	CJR	HNZ		-0.00
* 10	MESR	HHZ	-0.00	
	MESR	HHE	0.00	
	MESR	HHN	0.00	
	MESR	HNN		0.00
	MESR	HNE		-0.00
	MESR	HNZ		-0.00
* 11	CFR	HHZ	-0.01	
	CFR	HHN	-0.00	
	CFR	HHE	0.00	
	CFR	HNE		-0.00
	CFR	HNN		-0.00
	CFR	HNZ		-0.00
* 12	TLCR	HHZ	0.01	
	TLCR	HHE	0.00	
	TLCR	HHN	0.01	
	TLCR	HNZ		-0.00
	TLCR	HNE		0.00
	TLCR	HNN		-0.00
* 13	TPGR	HHZ	-0.01	
	TPGR	HHN	-0.01	
	TPGR	HHE	0.00	
	TPGR	HNZ		-0.01
	TPGR	HNE		-0.00
	TPGR	HNN		-0.01
* 14	DOPR	HHE	0.00	
	DOPR	HHN	-0.00	
	DOPR	HHZ	-0.00	
	DOPR	HNE		-0.00
	DOPR	HNN		-0.00
	DOPR	HNZ		-0.00
* 15	VLDR	HHZ	-0.00	
	VLDR	HHE	0.00	
	VLDR	HHN	-0.00	
	VLDR	HNZ		0.00
	VLDR	HNE		-0.00
	VLDR	HNN		-0.00

* Associated RO stations: 15
Excluded stations:

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

Velocity	TLCR_HHN	0.01
Acceleration	DRGR_HNZ	0.44
Horizontal acc.	DRGR_HNE	0.36

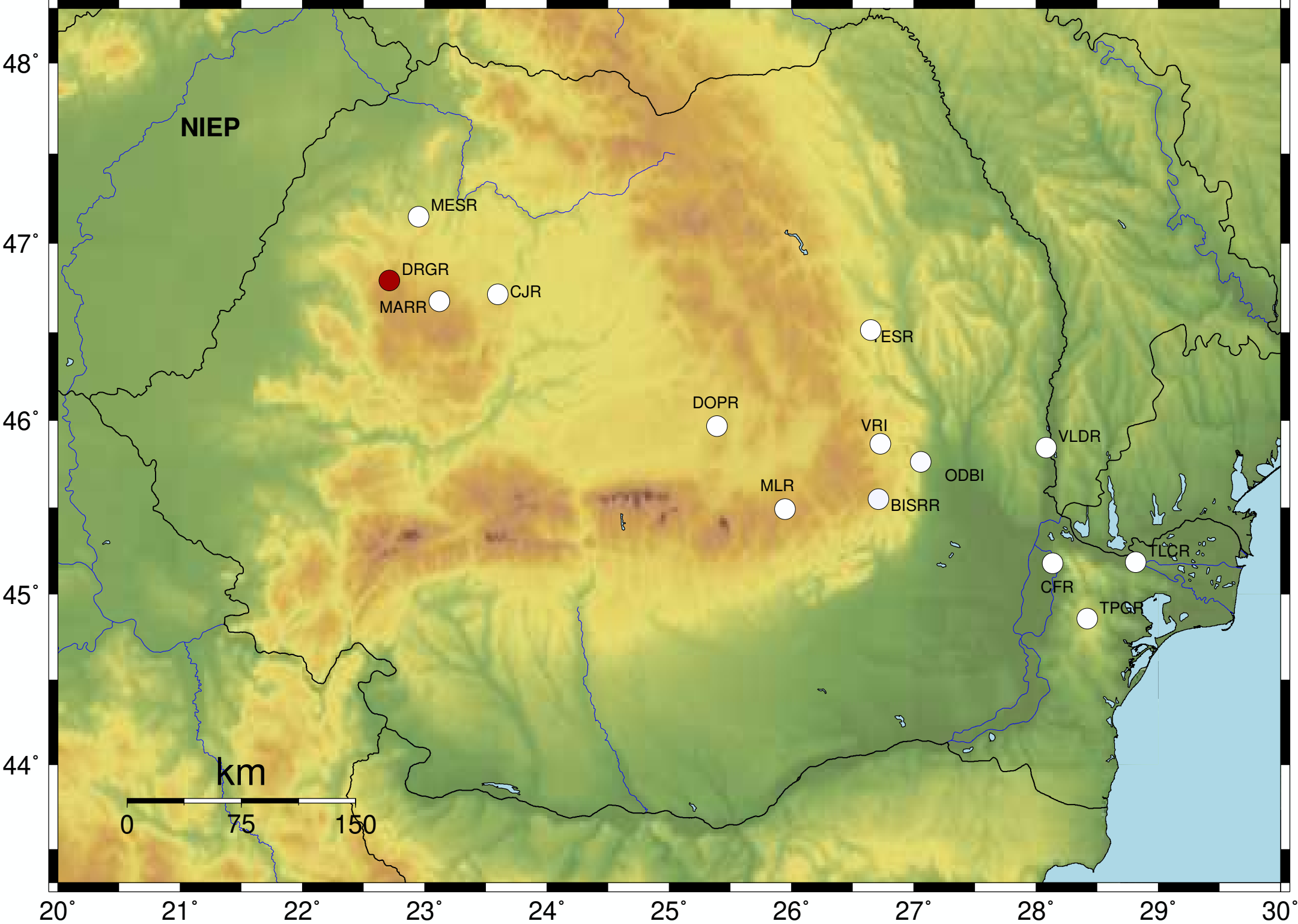
Stations max. horizontal acceleration and MSK intensity

1	BISRR_HNN	0.03	-
2	CFR_HNE	0.00	
3	CJR_HNE	0.00	
4	DOPR_HNE	0.00	
5	DRGR_HNE	0.36	I
6	MARR_HNE	0.00	
7	MESR_HNE	0.00	
8	MLR_HNE	0.00	
9	ODBI_HNE	0.02	-

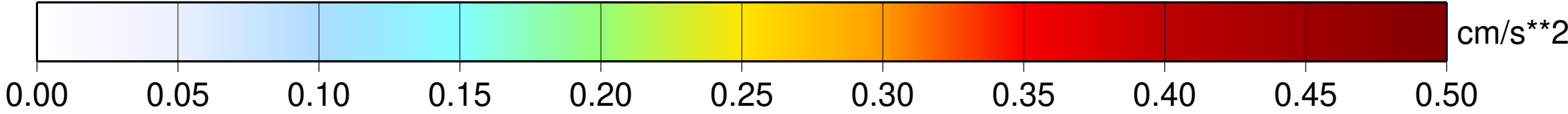
10	TESR_HNE	0.00	
11	TLCR_HNE	0.00	
12	TPGR_HNN	0.01	-
13	VLDR_HNE	0.00	
14	VRI_HNE	0.01	-

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

Maximum observed acceleration: DRGR_HNZ 0.44
Fri Dec 12, 2025 03:21:44 GMT ML Mb 5.8 N42.00 E142.50 Depth: 15.0km ID:83370

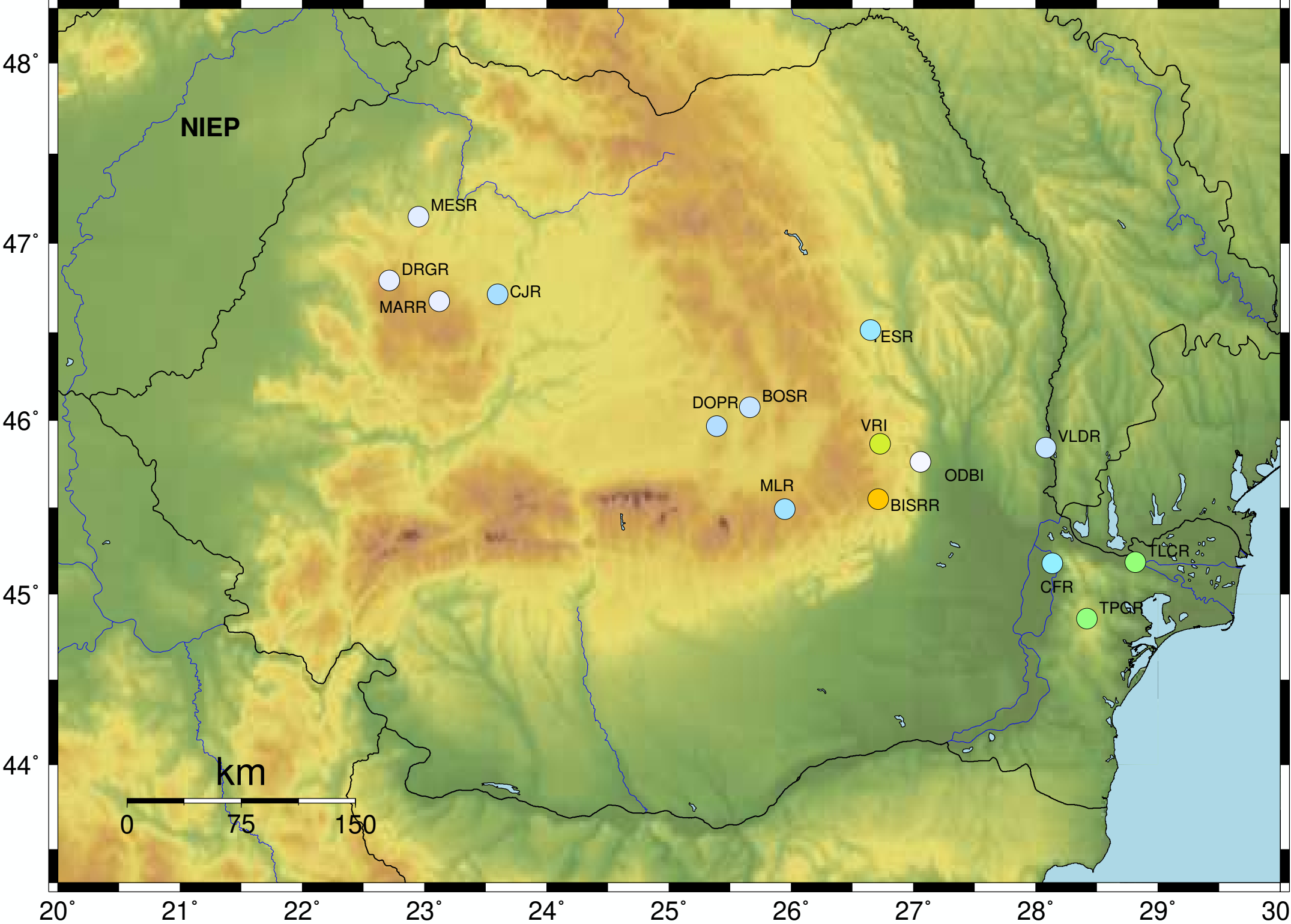


Station	Dist.(km)	Acc.
DRGR	9532	0.44
BISRR	9305	0.03
ODBI	9262	0.02
VRI	9281	0.01
TPGR	9218	0.01
TLCR	9162	0.00
MLR	9371	0.00
CJR	9468	0.00
VLDR	9174	0.00
MARR	9509	0.00
MESR	9487	0.00
DOPR	9380	0.00
TESR	9240	0.00
CFR	9218	0.00

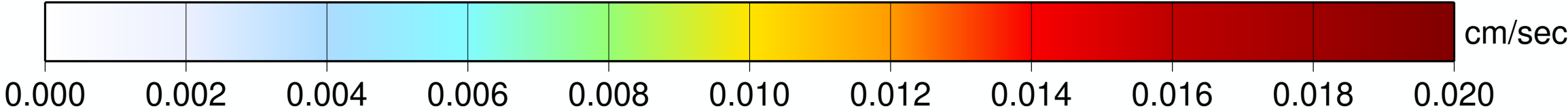


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BISRR_HHZ 0.01
Fri Dec 12, 2025 03:21:44 GMT ML Mb 5.8 N42.00 E142.50 Depth: 15.0km ID:83370



Station	Dist.(km)	Velocity
BISRR	9305	0.01
VRI	9281	0.01
TLQR	9162	0.01
TPGR	9218	0.01
CFR	9218	0.01
TESR	9240	0.00
MLR	9371	0.00
CJR	9468	0.00
DOPR	9380	0.00
VLDR	9174	0.00
BOSR	9351	0.00
MESR	9487	0.00
DRGR	9532	0.00
MARR	9509	0.00
ODBI	9262	0.00

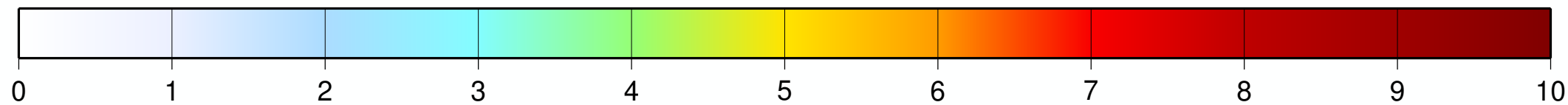
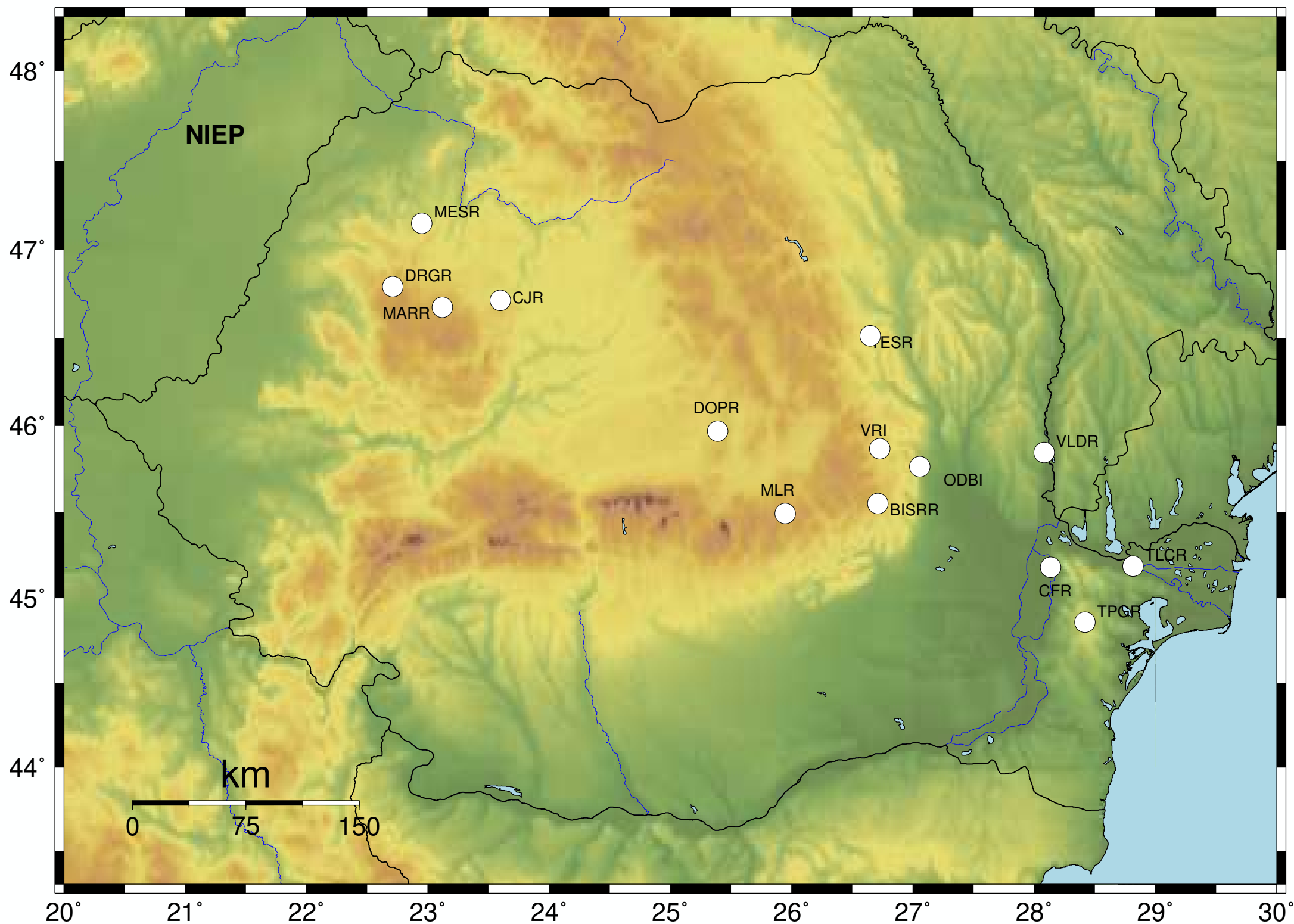


Stations intensities

Maximum intensity: DRGR

Fri Dec 12, 2025 03:21:44 GMT ML Mb 5.8 N42.00 E142.50 Depth: 15.0km ID:83370

Station	Dist.(km)	Imsk
DRGR	9533	I
VRI	9281	-
TPGR	9218	-
ODBI	9262	-
BISRR	9306	-



MSK intensity scale