

Antelope - associated stations measurements on atlas24 ronet database

NEAR EAST COAST OF KAMCHATKA - evid 77554

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/07/20	10:03:47.003	53.242	159.202	15.0		5.59	77821
Sta	Chan	PGV	PGA				
* 1	DOPR	HHN	0.00				
	DOPR	HHZ	0.00				
	DOPR	HHE	-0.00				
	DOPR	HNZ		-0.01			
	DOPR	HNE		-0.01			
	DOPR	HNN		-0.01			
* 2	DRGR	HHN	0.00				
	DRGR	HHE	-0.00				
	DRGR	HHZ	0.00				
	DRGR	HNE		1.45			
	DRGR	HNZ		-1.29			
	DRGR	HNN		-1.13			
* 3	TESR	HHZ	-0.00				
	TESR	HHE	0.00				
	TESR	HHN	0.00				
	TESR	HNN		-0.00			
	TESR	HNE		0.00			
	TESR	HNZ		-0.00			
* 4	PANC	HHE	-0.00				
	PANC	HHZ	0.00				
	PANC	HHN	0.00				
	PANC	HNN		0.03			
	PANC	HNZ		-0.01			
	PANC	HNE		-0.03			
* 5	PLOR	HHN	0.00				
	PLOR	HHE	-0.00				
	PLOR	HHZ	0.00				
	PLOR	HNN		0.00			
	PLOR	HNZ		0.00			
	PLOR	HNE		0.00			
* 6	HARR	HHN	0.00				
	HARR	HHE	0.00				
	HARR	HHZ	-0.00				
	HARR	HNN		-0.02			
	HARR	HNZ		-0.02			
	HARR	HNE		-0.02			
* 7	MLR	HHN	-0.00				
	MLR	HHE	0.00				
	MLR	HHZ	0.00				
	MLR	HNZ		0.00			
	MLR	HNE		0.00			
	MLR	HNN		0.00			
* 8	ODBI	EHE	0.00				
	ODBI	EHZ	-0.00				
	ODBI	EHN	0.00				
	ODBI	HNE		-0.02			

		ODBI	HNZ		-0.01
		ODBI	HNN		-0.02
*	9	CJR	HHN	-0.00	
		CJR	HHE	-0.00	
		CJR	HHZ	-0.00	
		CJR	HNZ		-0.01
		CJR	HNE		-0.01
		CJR	HNN		0.01
*	10	CFR	HHN	-0.00	
		CFR	HHZ	-0.00	
		CFR	HHE	0.00	
		CFR	HNN		-0.00
		CFR	HNZ		-0.00
		CFR	HNE		-0.00
*	11	TLCR	HHN	0.00	
		TLCR	HHZ	-0.00	
		TLCR	HHE	0.00	
		TLCR	HNE		0.00
		TLCR	HNZ		0.00
		TLCR	HNN		0.00
*	12	TPGR	HHZ	-0.00	
		TPGR	HHE	-0.00	
		TPGR	HHN	-0.00	
		TPGR	HNN		-0.02
		TPGR	HNZ		-0.02
		TPGR	HNE		-0.02
*	13	MARR	HHN	-0.00	
		MARR	HHE	-0.00	
		MARR	HHZ	0.00	
		MARR	HNN		-0.03
		MARR	HNE		-0.04
		MARR	HNZ		-0.02
*	14	VOIR	HHN	-0.00	
		VOIR	HHZ	0.00	
		VOIR	HHE	-0.00	
		VOIR	HNZ		-0.00
		VOIR	HNE		-0.00
		VOIR	HNN		-0.00
*	15	ONER	HHN	-0.00	
		ONER	HHZ	0.00	
		ONER	HHE	-0.00	
		ONER	HNZ		0.03
		ONER	HNE		-0.06
		ONER	HNN		-0.03

* Associated RO stations: 15
Excluded stations:

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

Velocity	TESR_HHZ	0.00
Acceleration	DRGR_HNE	1.45

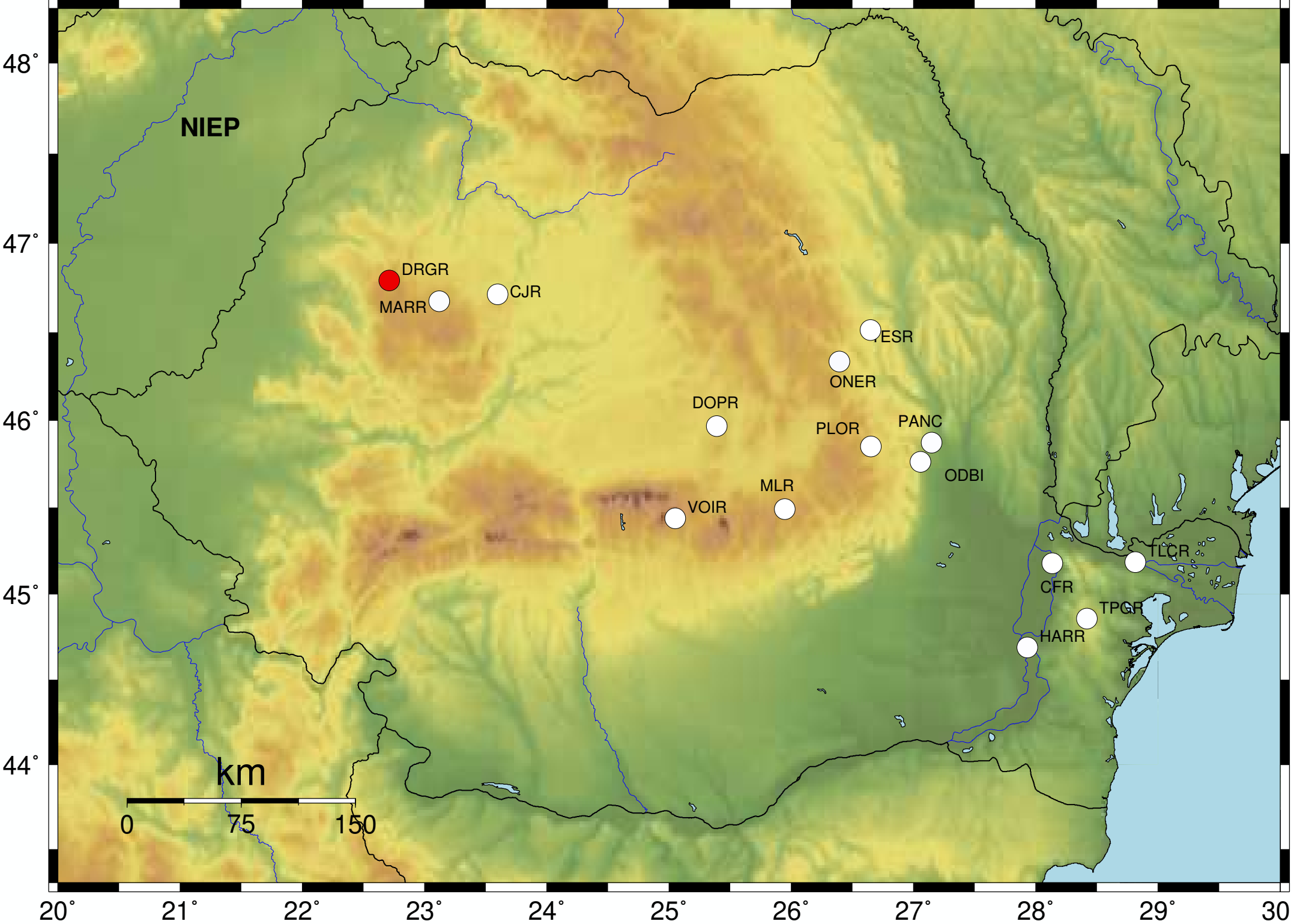
Stations max. horizontal acceleration and MSK intensity

1	CFR_HNE	0.00	
2	CJR_HNE	0.01	-
3	DOPR_HNE	0.01	-
4	DRGR_HNE	1.45	II
5	HARR_HNE	0.02	-
6	MARR_HNE	0.04	-
7	MLR_HNE	0.00	

8	ODBI_HNE	0.02	—
9	ONER_HNE	0.06	—
10	PANC_HNE	0.03	—
11	PLOR_HNE	0.00	
12	TESR_HNE	0.00	
13	TLCR_HNE	0.00	
14	TPGR_HNE	0.02	—
15	VOIR_HNE	0.00	

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

Maximum observed acceleration: DRGR_HNE 1.45
Sun Jul 20, 2025 10:03:47 GMT ML Mb 5.6 N53.24 E159.20 Depth: 15.0km ID:77554

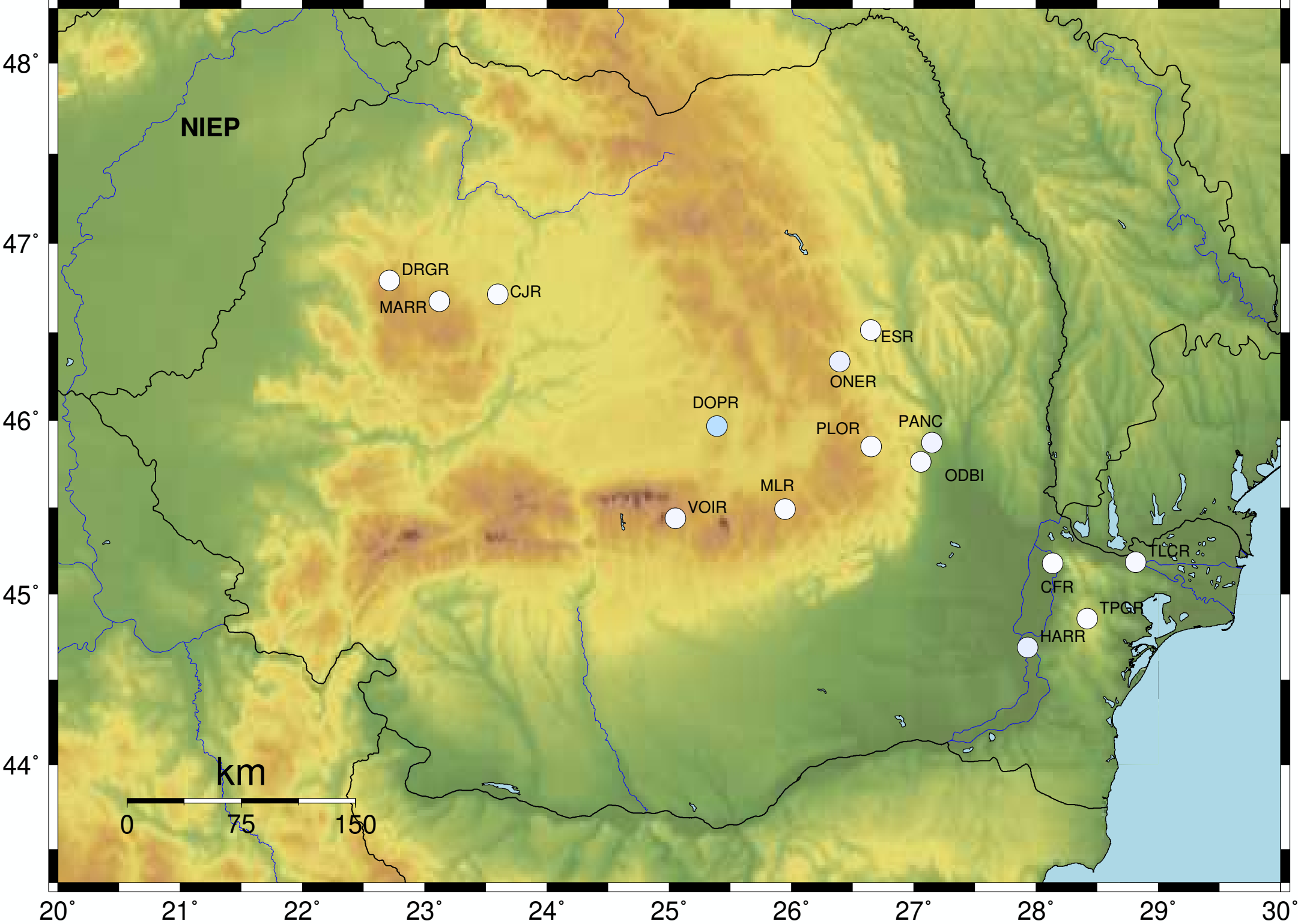


Station	Dist.(km)	Acc.
DRGR	9778	1.45
ONER	9565	0.06
MARR	9762	0.04
PANC	9560	0.03
HARR	9629	0.02
TPGR	9576	0.02
ODBI	9578	0.02
DOPR	9676	0.01
CJR	9723	0.01
TLCR	9513	0.00
CFR	9563	0.00
VOIR	9758	0.00
TESR	9527	0.00
PLOR	9598	0.00
MLR	9687	0.00

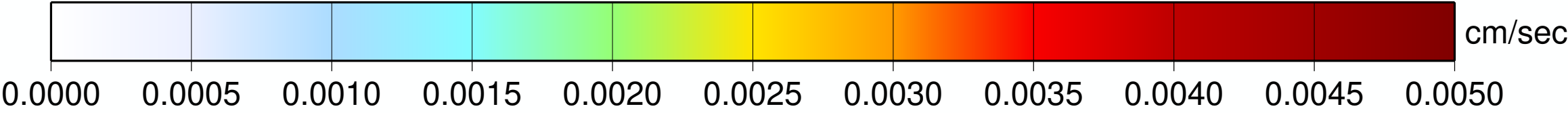


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: VOIR_HHN 0.00
Sun Jul 20, 2025 10:03:47 GMT ML Mb 5.6 N53.24 E159.20 Depth: 15.0km ID:77554



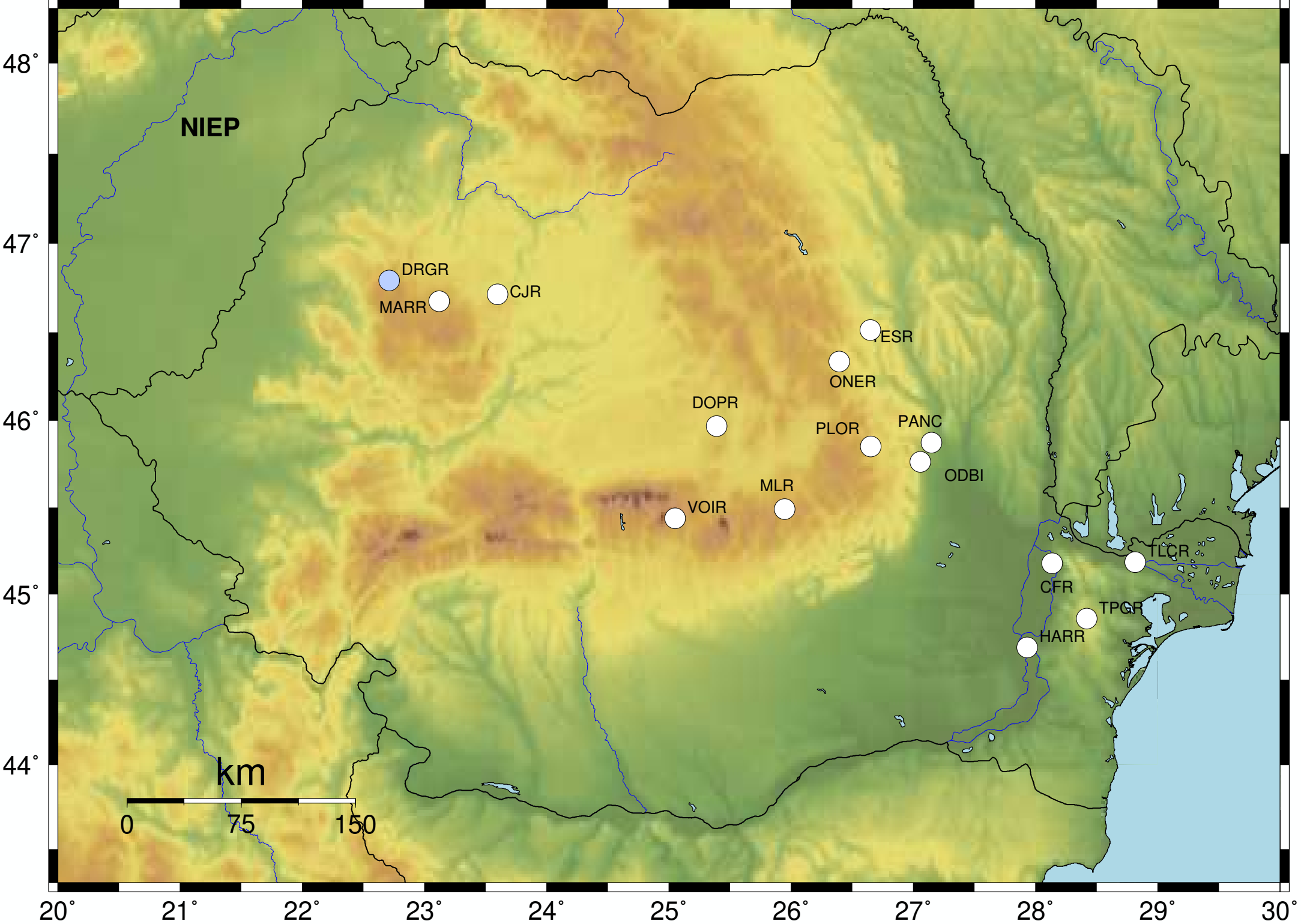
Station	Dist.(km)	Velocity
DOPR	9676	0.00
HARR	9629	0.00
ONER	9565	0.00
PANC	9560	0.00
VOIR	9758	0.00
ODBI	9578	0.00
TLOR	9513	0.00
TESR	9527	0.00
CJR	9723	0.00
MLR	9687	0.00
MARR	9762	0.00
PLOR	9598	0.00
TPGR	9576	0.00
DRGR	9778	0.00
CFR	9563	0.00



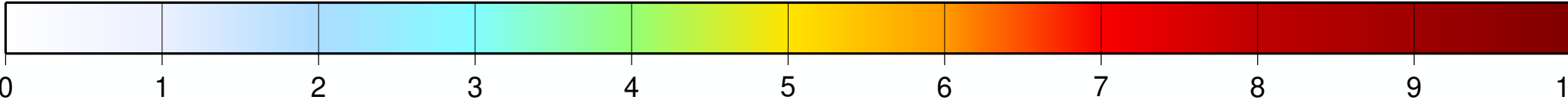
Stations intensities

Maximum intensity: DRGR

Sun Jul 20, 2025 10:03:47 GMT ML Mb 5.6 N53.24 E159.20 Depth: 15.0km ID:77554



Station	Dist.(km)	Imsk
DRGR	9779	II
TPGR	9577	-
PANC	9560	-
ONER	9565	-
ODBI	9579	-
MARR	9762	-
HARR	9630	-
DOPR	9677	-
CJR	9724	-



MSK intensity scale