

Antelope - associated stations measurements on atlas2 ronet database

CENTRAL MID-ATLANTIC RIDGE - evid 48754

Date	Time	Lat	Lon	Depth	ml	mb	orid
2021/01/03	05:25:27.789	1.762	-27.506	15.0		5.29	49019
	Sta	Chan	PGV	PGA			
	1 NEHR	HNZ		-0.01			
	NEHR	HNE		-0.01			
	NEHR	HNN		-0.01			
	2 TESR	HNZ		0.00			
	TESR	HNE		0.00			
	TESR	HNN		-0.00			
*	3 VOIR	HHE	0.00				
	VOIR	HHZ	0.00				
	VOIR	HNZ		0.00			
	4 GRER	HNZ		0.07			
	GRER	HNE		0.02			
	GRER	HNN		0.03			
	5 LEHL	HNZ		-0.01			
	LEHL	HNE		0.01			
	LEHL	HNN		0.01			
	6 ODBI	HNZ		-0.00			
	ODBI	HNE		0.01			
	ODBI	HNN		0.01			
	7 BISRR	HNZ		0.00			
	BISRR	HNE		0.00			
	BISRR	HNN		0.00			
	8 PANC	HNZ		0.01			
	PANC	HNE		-0.02			
	PANC	HNN		-0.02			
	9 COSR	HNZ		-0.02			
	COSR	HNE		-0.04			
	COSR	HNN		0.04			
10	TLBR	HNZ		-0.01			
	TLBR	HNE		0.01			
	TLBR	HNN		0.01			
11	SCTR	HNZ		-0.01			
	SCTR	HNE		-0.01			
	SCTR	HNN		-0.01			
*	12 TURR	HHE	-0.00				
	TURR	HHZ	0.00				
	TURR	HNN	0.00				
*	13 DOPR	HNZ		0.00			
*	14 DRGR	HHE	-0.00				
	DRGR	HHZ	0.00				
	DRGR	HNN	0.00				
	DRGR	HNZ		0.00			
	DRGR	HNE		0.00			
	DRGR	HNN		0.00			
15	BIR	HNZ		-0.01			
	BIR	HNE		-0.01			
	BIR	HNN		0.02			
16	TPGR	HNZ		0.00			
	TPGR	HNN		0.01			

17	PLOR	HNZ		-0.00
	PLOR	HNE		-0.00
	PLOR	HNN		-0.00
18	TATR	HNZ		0.03
	TATR	HNE		0.02
	TATR	HNN		-0.03
19	SULR	HNZ		-0.00
	SULR	HNE		0.02
	SULR	HNN		0.02
20	COVR	HNZ		0.00
	COVR	HNE		0.00
	COVR	HNN		0.01
21	LOT	HNE		0.00
*	22	OZUR	HHE	0.00
		OZUR	HHZ	0.00
		OZUR	HHN	-0.00
		OZUR	HNZ	-0.03
		OZUR	HNE	0.03
		OZUR	HNN	0.05
23	SCHL	HNZ		-0.06
	SCHL	HNE		0.04
	SCHL	HNN		-0.03
24	TUDR	HNZ		-0.06
	TUDR	HNE		0.02
	TUDR	HNN		0.02
*	25	MLR	HHE	-0.00
		MLR	HHZ	-0.00
		MLR	HHN	0.00
		MLR	HNZ	-0.00
		MLR	HNE	-0.00
		MLR	HNN	0.00
26	VLDR	HNZ		0.00
	VLDR	HNE		0.00
	VLDR	HNN		-0.00

* Associated RO stations: 6
Excluded stations:

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

Velocity	TURR_HHZ	0.00
Acceleration	GRER_HNZ	0.07
Horizontal acc.	OZUR_HNN	0.05

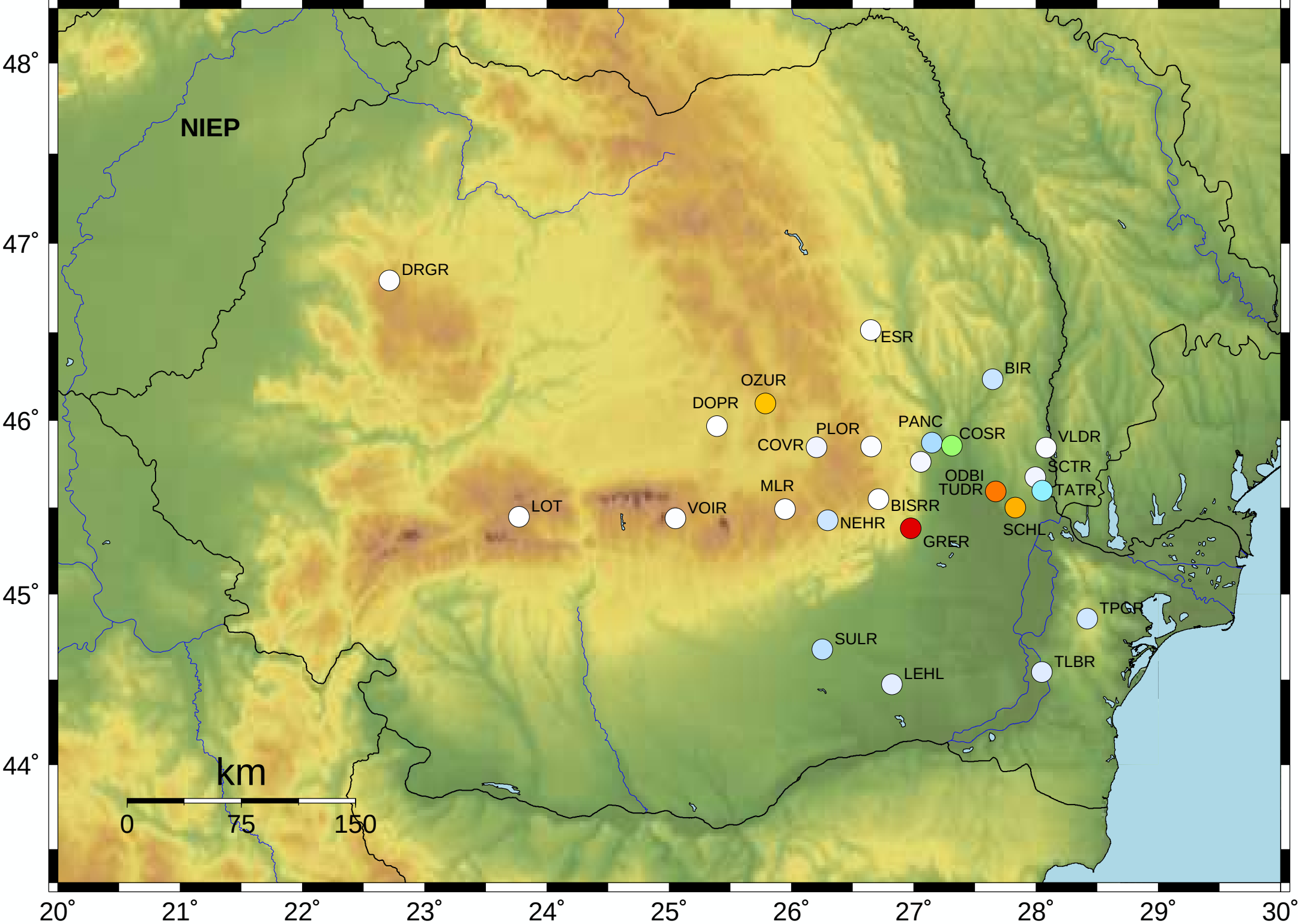
Stations max. horizontal acceleration and MSK intensity

1	BIR_HNN	0.02	-
2	BISRR_HNE	0.00	
3	COSR_HNE	0.04	-
4	COVR_HNN	0.01	-
5	DRGR_HNE	0.00	
6	GRER_HNN	0.03	-
7	LEHL_HNE	0.01	-
8	LOT_HNE	0.00	
9	MLR_HNE	0.00	
10	NEHR_HNE	0.01	-
11	ODBI_HNE	0.01	-
12	OZUR_HNN	0.05	-
13	PANC_HNE	0.02	-
14	PLOR_HNE	0.00	
15	SCHL_HNE	0.04	-
16	SCTR_HNE	0.01	-
17	SULR_HNE	0.02	-

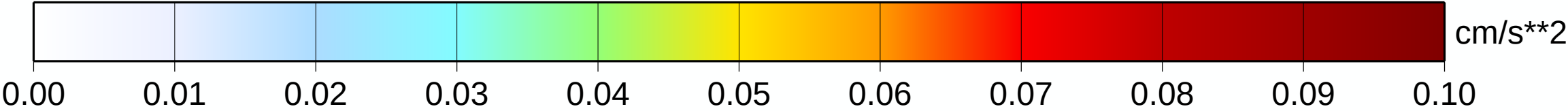
18	TATR_HNN	0.03	-
19	TESR_HNE	0.00	
20	TLBR_HNE	0.01	-
21	TPGR_HNN	0.01	-
22	TUDR_HNE	0.02	-
23	VLDR_HNE	0.00	

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

Maximum observed acceleration: GRER_HNZ 0.07
Sun Jan 3, 2021 05:25:27 GMT ML Mb 5.3 N1.76 W27.51 Depth: 15.0km ID:48754



Station	Dist.(km)	Acc.
GRER	7372	0.07
TUDR	7437	0.06
SCHL	7445	0.06
OZUR	7323	0.05
COSR	7425	0.04
TATR	7467	0.03
PANC	7413	0.02
SULR	7276	0.02
BIR	7472	0.02
NEHR	7323	0.01
TPGR	7455	0.01
TLBR	7408	0.01
LEHL	7308	0.01
SCTR	7467	0.01
COVR	7340	0.01
ODBI	7400	0.01
VLDR	7483	0.00
TESR	7413	0.00
PLOR	7374	0.00
VOIR	7229	0.00
DRGR	7139	0.00
MLR	7300	0.00
LOT	7133	0.00

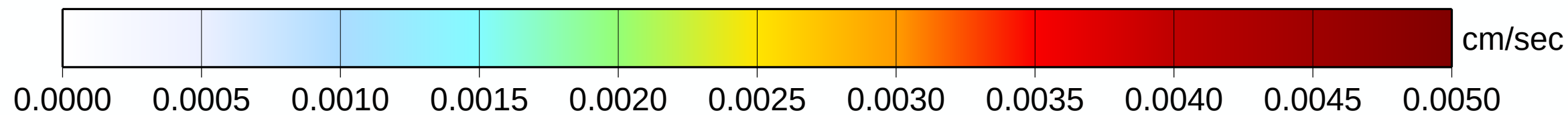
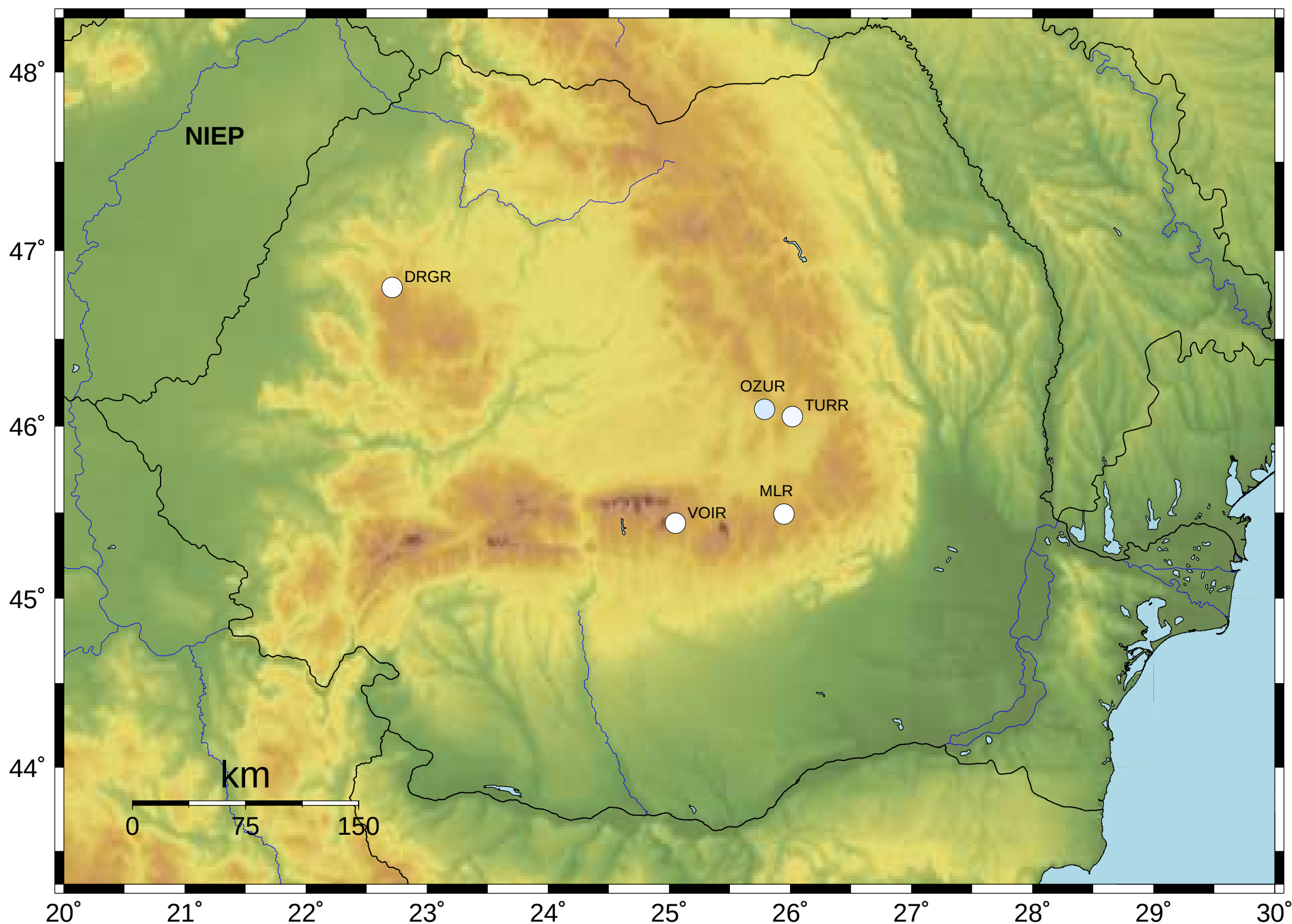


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: TURR_HHN 0.00

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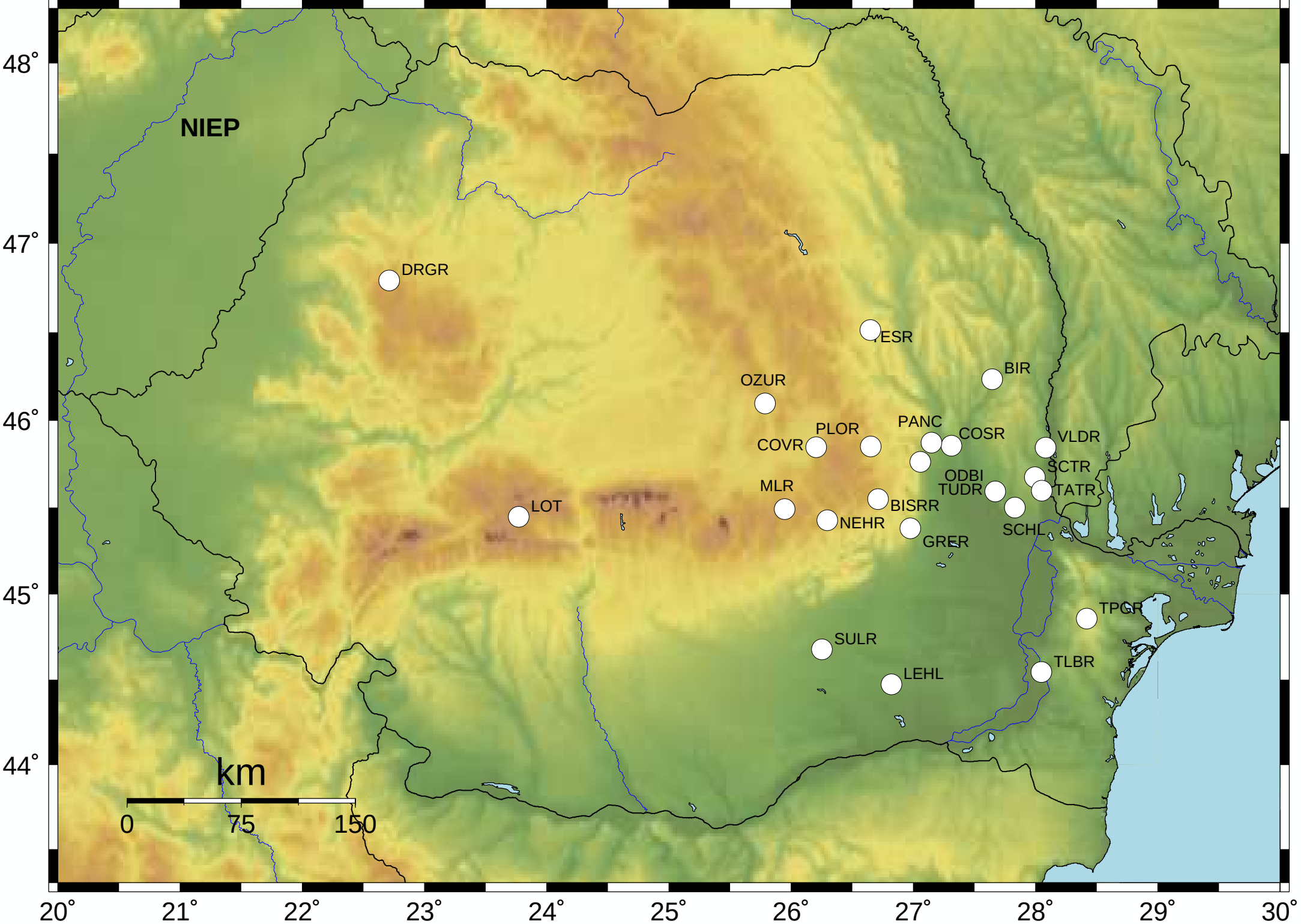
Station	Dist.(km)	Velocity
OZUR	7323	0.00
TURR	7338	0.00
DRGR	7139	0.00
MLR	7300	0.00
VOIR	7229	0.00



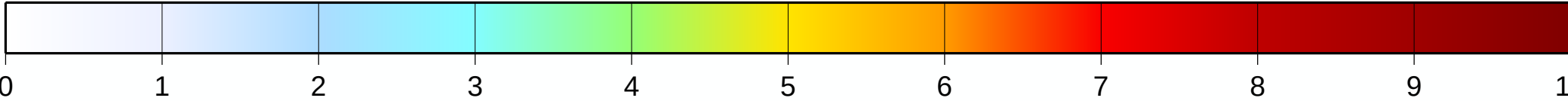
Stations intensities

Maximum intensity: OZUR

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Station	Dist.(km)	Imsk
TUDR	7438	-
TPGR	7455	-
TLBR	7409	-
TATR	7468	-
SULR	7277	-
SCTR	7468	-
SCHL	7445	-
PANC	7414	-
OZUR	7324	-
ODBI	7401	-
NEHR	7323	-
LEHL	7309	-
GRER	7372	-
COVR	7341	-
COSR	7426	-
BIR	7472	-



MSK intensity scale