

Antelope - associated stations measurements on atlas2 ronet database

NORTHERN AND CENTRAL IRAN - evid 44578

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/05/07	20:18:21.041	36.506	53.264	15.0		4.94	44837
	Sta	Chan	PGV	PGA			
*	1	BURAR	BHZ	0.002			
		BURAR	BHE	0.000			
		BURAR	BHN	0.000			
		BURAR	BHZ		0.000		
		BURAR	BHE		-0.000		
		BURAR	BHN		-0.000		
*	2	BZS	HHE	0.000			
		BZS	HHZ	0.000			
		BZS	HHN	-0.000			
		BZS	HNZ		0.001		
		BZS	HNE		0.001		
		BZS	HNN		0.002		
*	3	VOIR	HHZ	0.000			
		VOIR	HNZ		-0.006		
		VOIR	HNN		-0.005		
*	4	ISR	HHZ	-0.000			
		ISR	HNZ		0.013		
		ISR	HNE		-0.027		
*	5	GZR	HHN	0.000			
		GZR	HNZ		-0.004		
*	6	MARR	HHZ	0.000			
		MARR	HNE		0.002		
*	7	LOT	HHE	-0.000			
		LOT	HHZ	0.000			
		LOT	HHN	-0.000			
		LOT	HNN		0.000		
*	8	BUR08	SHZ	-0.000			
*	9	TURR	HHZ	0.000			
		TURR	HHN	0.001			
*	10	DRGR	HHE	0.000			
		DRGR	HHZ	0.000			
		DRGR	HNN		-0.001		

* Associated RO stations: 10
Excluded stations:

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

Velocity	BURAR_BHZ	0.002
Acceleration	ISR_HNE	0.027

Stations max. horizontal acceleration and MSK intensity

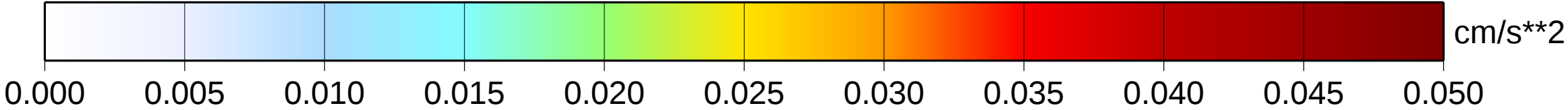
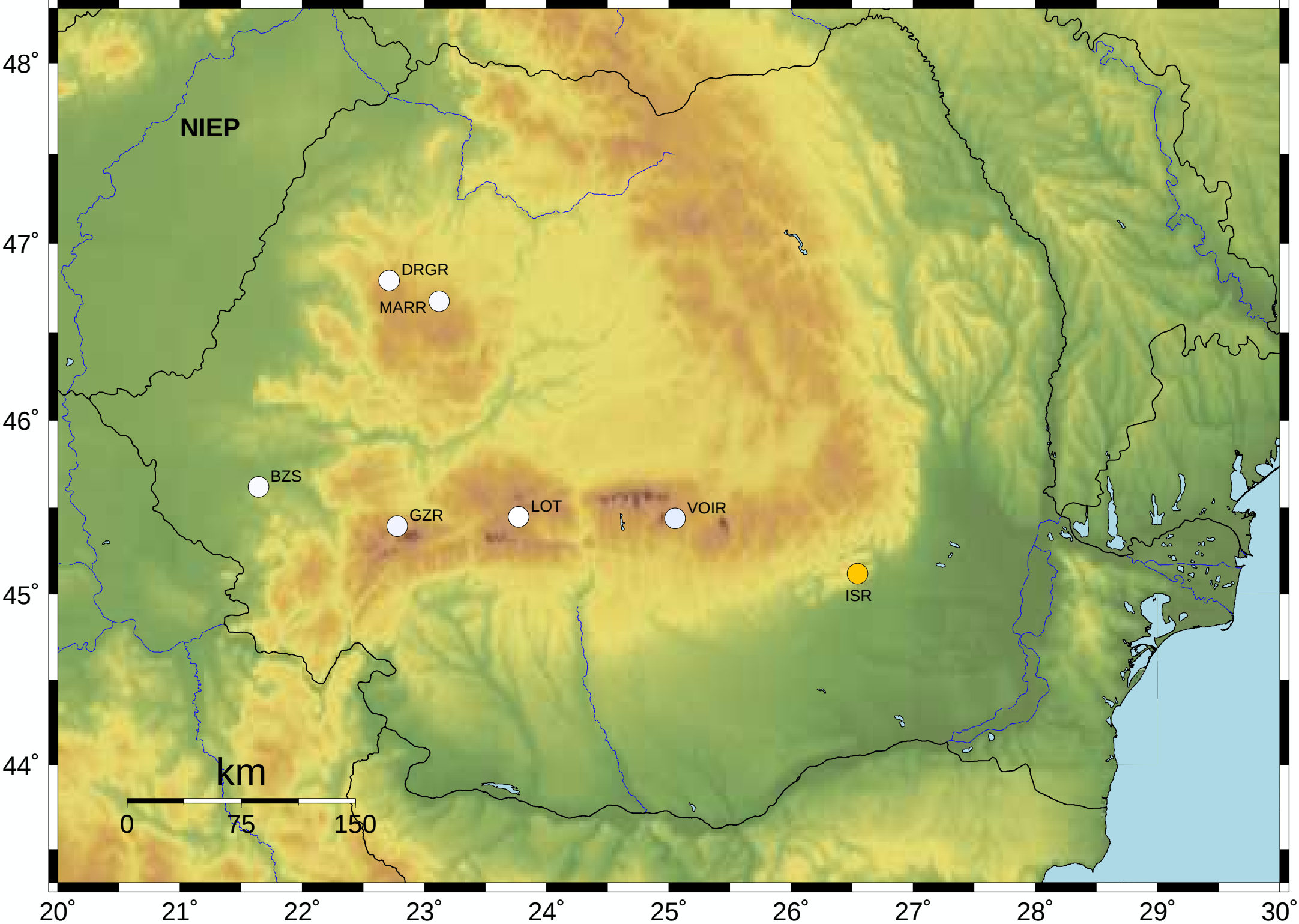
1	BURAR_HNE		
2	BZS_HNN	0.002	I
3	DRGR_HNN	0.001	I

4	ISR_HNE	0.027	I
5	LOT_HNE		
6	MARR_HNE	0.002	I
7	VOIR_HNN	0.005	I

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

Maximum observed acceleration: ISR_HNE 0.027
Thu May 7, 2020 20:18:21 GMT ML Mb 4.9 N36.51 E53.26 Depth: 15.0km ID:44578

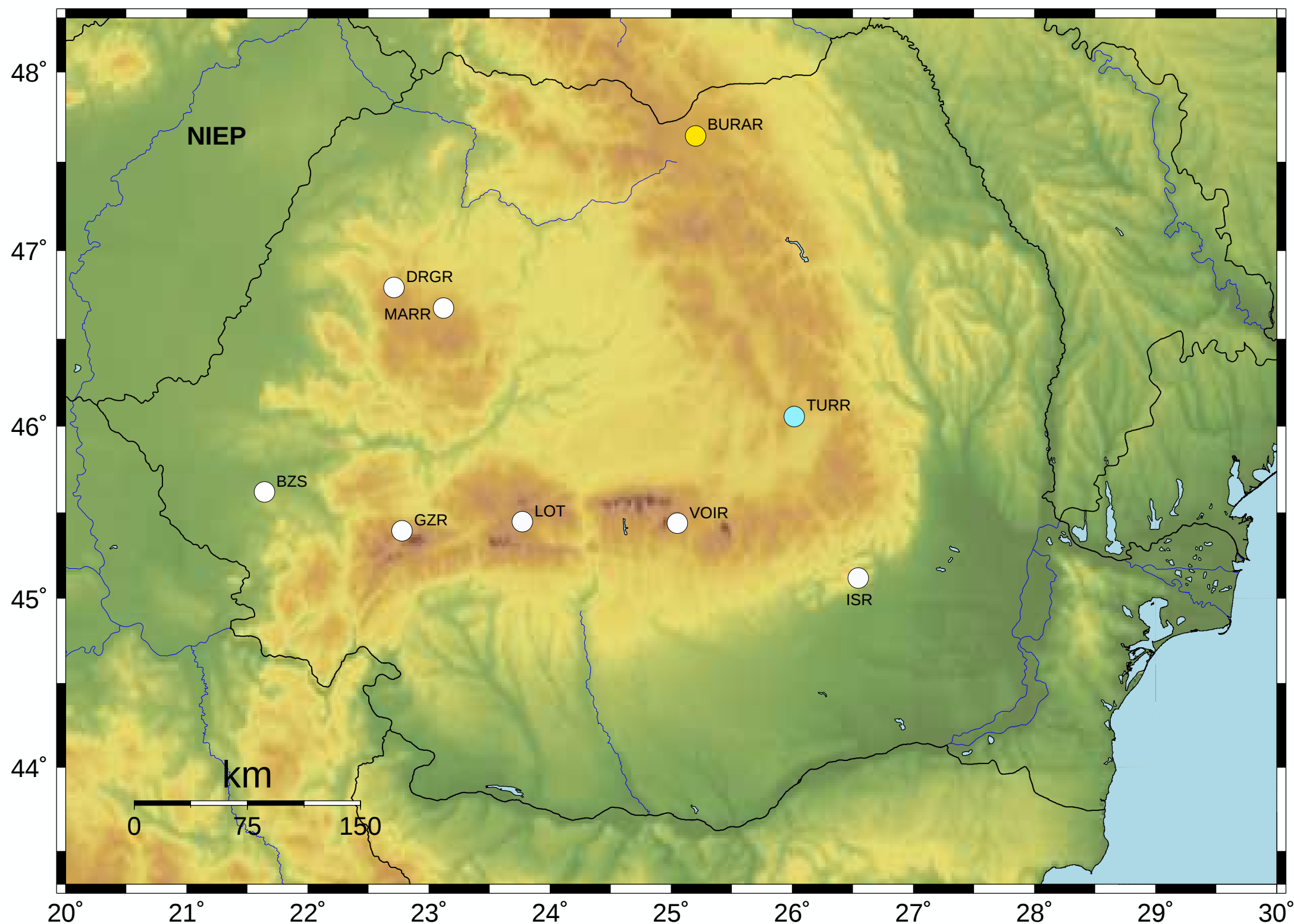
Station	Dist.(km)	Acc.
ISR	2444	0.027
VOIR	2568	0.006
GZR	2744	0.004
MARR	2750	0.002
BZS	2838	0.002
DRGR	2784	0.001
BURAR	2626	0.000
LOT	2668	0.000



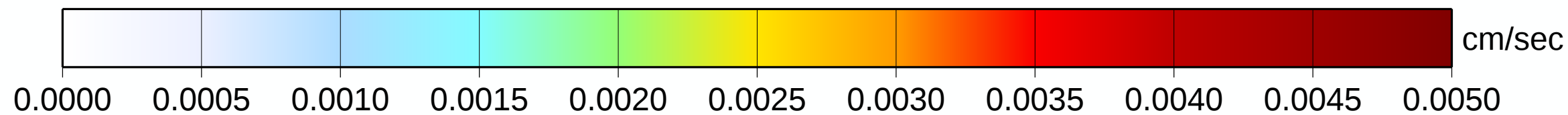
Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR_BHZ 0.002

Thu May 7, 2020 20:18:21 GMT ML Mb 4.9 N36.51 E53.26 Depth: 15.0km ID:44578



Station	Dist.(km)	Velocity
BURAR	2626	0.002
TARR	2512	0.001
LOT	2668	0.000
ISR	2444	0.000
GZR	2744	0.000
DRGR	2784	0.000
VOIR	2568	0.000
MARR	2750	0.000
BZS	2838	0.000
BUR08	2626	0.000



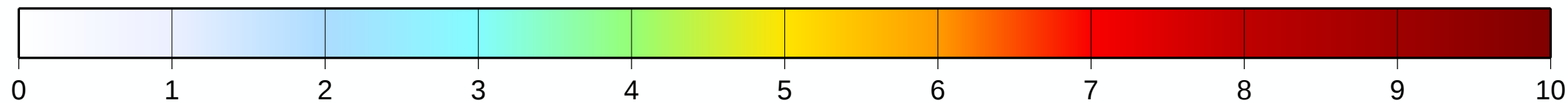
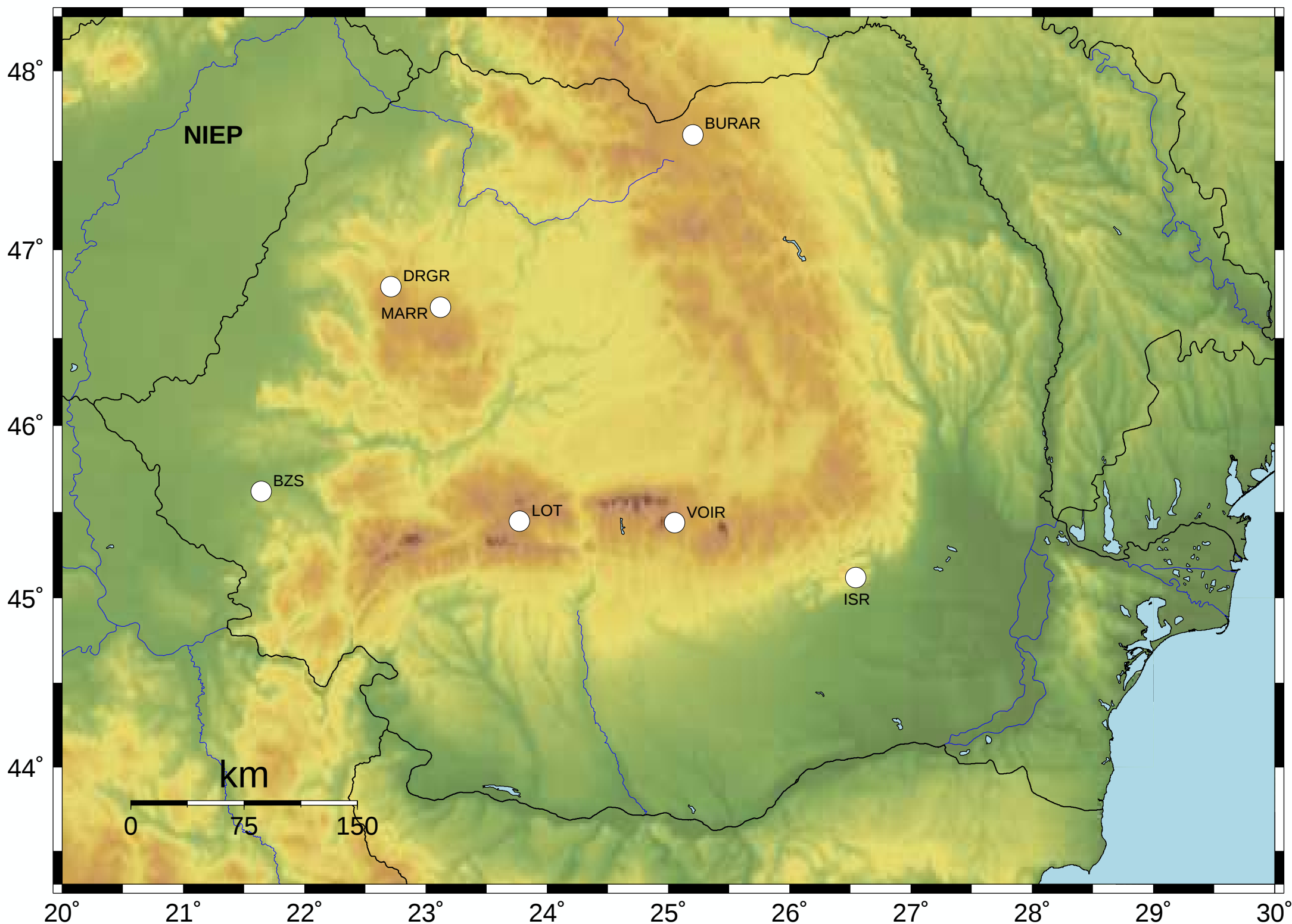
MSK macroseismic intensities map

Maximum MSK intensity: ISR_HNE I

Thu May 7, 2020 20:18:21 GMT ML Mb 4.9 N36.51 E53.26 Depth: 15.0km ID:44578

Station	Dist.(km)	IMSK
---------	-----------	------

VOIR	2569	I
MARR	2750	I
ISR	2444	I
DRGR	2784	I
BZS	2838	I



MSK intensity scale