

Antelope - associated stations measurements on atlas2 ronet database

NORTHERN ALASKA - evid 40659

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/10/18	00:58:40.295	67.394	-157.827	15.0		5.12	40918
	Sta	Chan	PGV	PGA			
*	1	SURR	HHE	0.000			
		SURR	HHZ	-0.000			
		SURR	HHN	0.000			
		SURR	HNZ		0.004		
		SURR	HNE		0.002		
		SURR	HNN		0.002		
*	2	BURAR	BHZ	0.002			
		BURAR	BHE	-0.000			
		BURAR	BHN	0.000			
		BURAR	BHZ		-0.000		
		BURAR	BHE		-0.000		
		BURAR	BHN		0.000		
*	3	BZS	HHE	0.000			
		BZS	HHZ	0.000			
		BZS	HHN	0.000			
		BZS	HNZ		0.001		
		BZS	HNE		0.001		
		BZS	HNN		0.002		
*	4	CFR	HHE	0.000			
		CFR	HHZ	0.000			
		CFR	HHN	0.000			
		CFR	HNZ		0.002		
		CFR	HNE		0.003		
		CFR	HNN		0.003		
*	5	SIRR	HHE	-0.000			
		SIRR	HHZ	-0.000			
		SIRR	HHN	-0.000			
		SIRR	HNZ		0.003		
		SIRR	HNE		0.002		
		SIRR	HNN		0.003		
*	6	TPGR	HHN	-0.000			
		TPGR	HNZ		0.002		
		TPGR	HNE		0.002		
		TPGR	HNN		0.002		
*	7	GZR	HHZ	0.000			
		GZR	HNZ		-0.025		
		GZR	HNN		0.038		
*	8	BUR08	SHZ	-0.000			
*	9	HERR	HHE	-0.000			
		HERR	HHZ	-0.000			
		HERR	HHN	-0.000			
		HERR	HNZ		0.022		
		HERR	HNE		0.054		
		HERR	HNN		0.068		

* Associated RO stations: 9
Excluded stations:

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

Velocity	BURAR_BHZ	0.002
Acceleration	HERR_HNN	0.068

Stations max. horizontal acceleration and MSK intensity

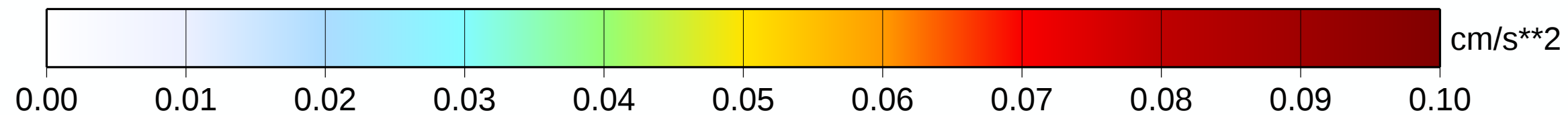
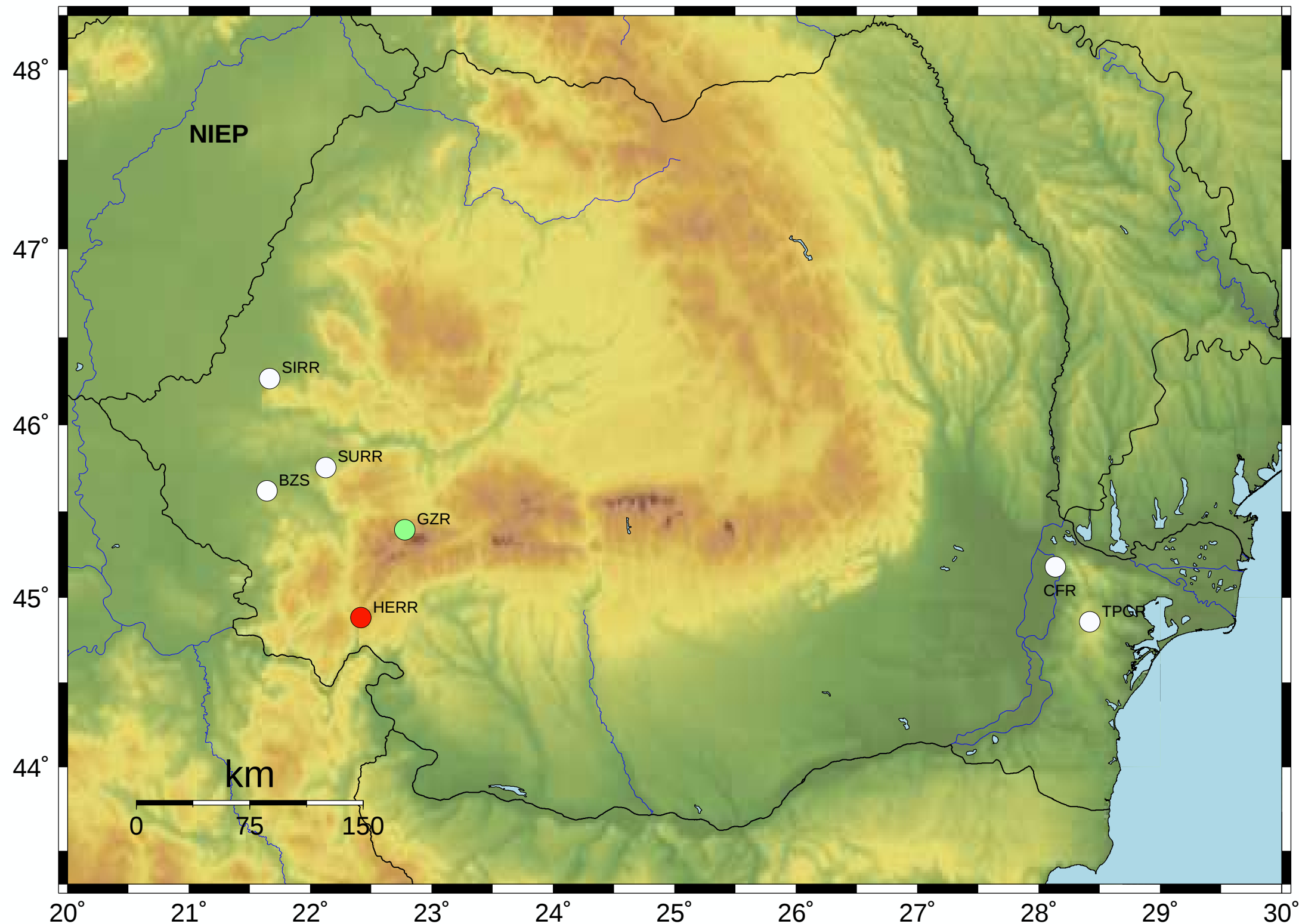
1	BURAR_HNE		
2	BZS_HNN	0.002	I
3	CFR_HNE	0.003	I
4	GZR_HNN	0.038	I
5	HERR_HNN	0.068	I
6	SIRR_HNN	0.003	I
7	SURR_HNE	0.002	I
8	TPGR_HNE	0.002	I

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

Maximum observed acceleration: HERR_HNN 0.068

Fri Oct 18, 2019 00:58:40 GMT ML Mb 5.1 N67.39 W157.83 Depth: 15.0km ID:40659

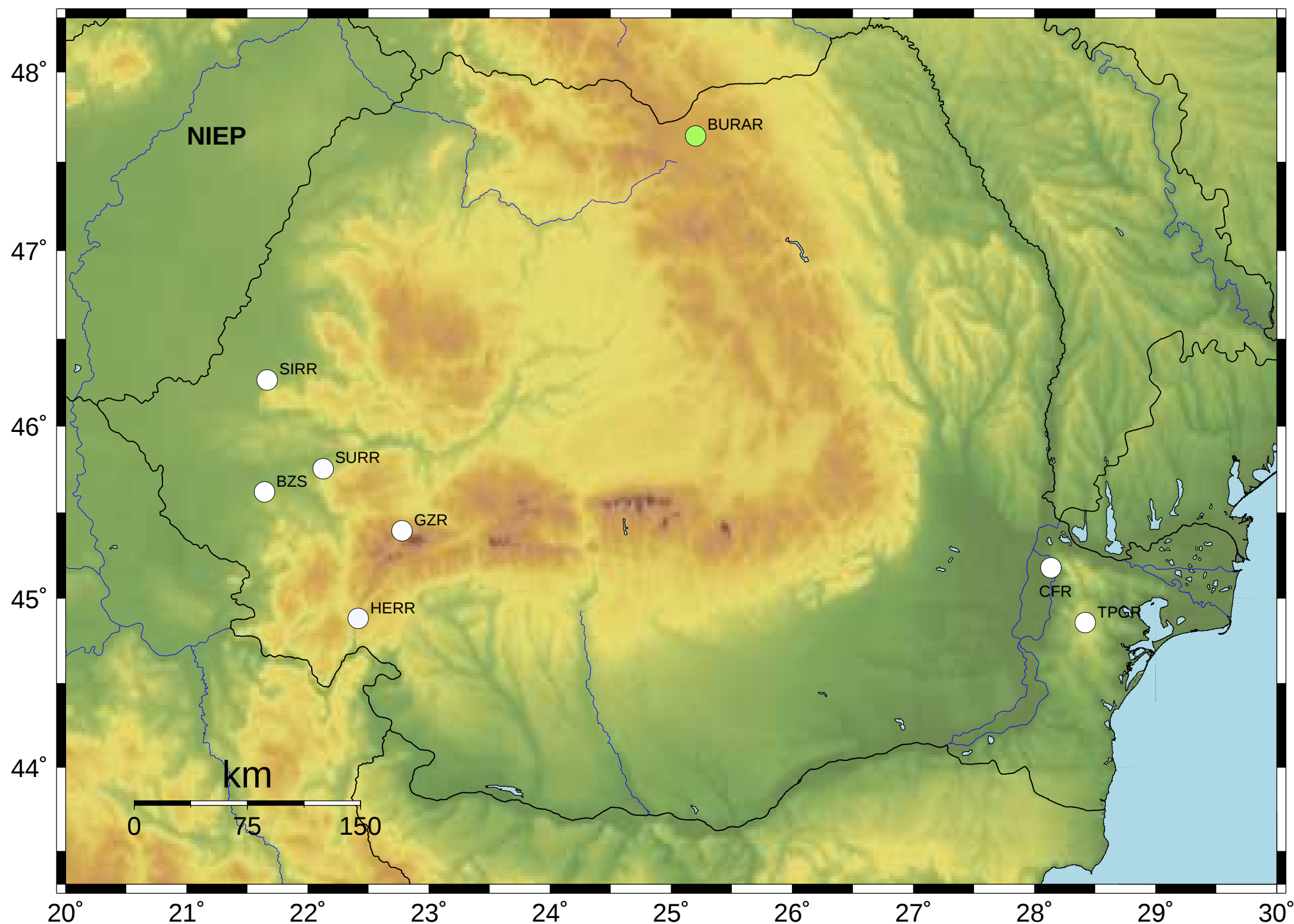
Station	Dist.(km)	Acc.
HERR	11444	0.068
GZR	11381	0.038
SURR	11282	0.004
CFR	11740	0.003
SIRR	11169	0.003
TPGR	11811	0.002
BZS	11275	0.002
BURAR	11147	0.000



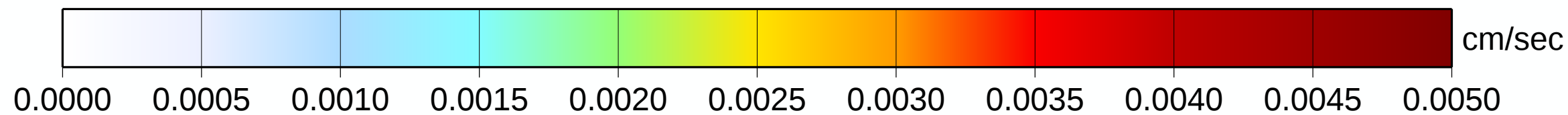
Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR_BHZ 0.002

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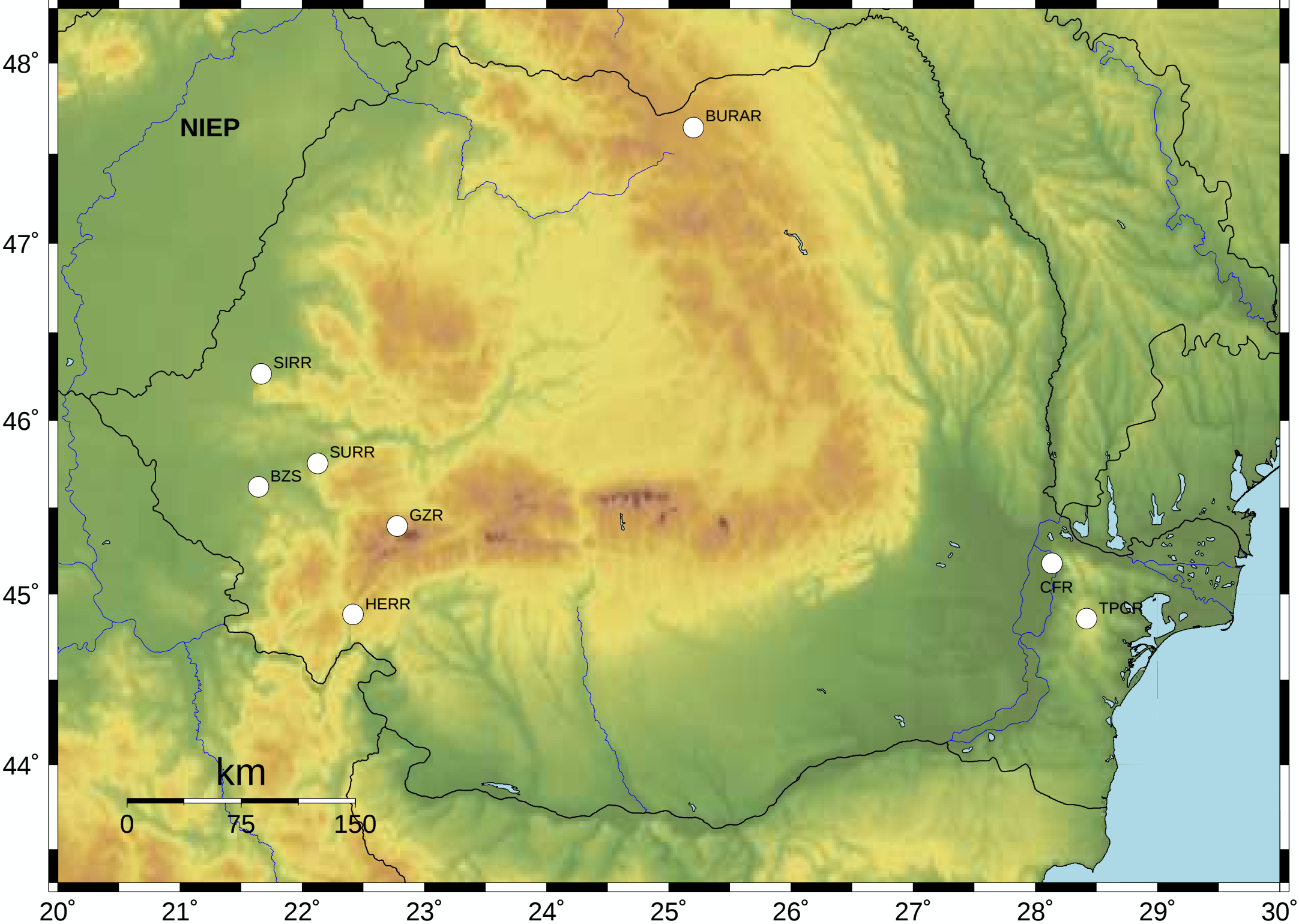
Station	Dist.(km)	Velocity
BURAR	11147	0.002
HERR	11444	0.000
SURR	11282	0.000
GZR	11381	0.000
SIRR	11169	0.000
CFR	11740	0.000
BZS	11275	0.000
TPGR	11811	0.000
BUR08	11147	0.000



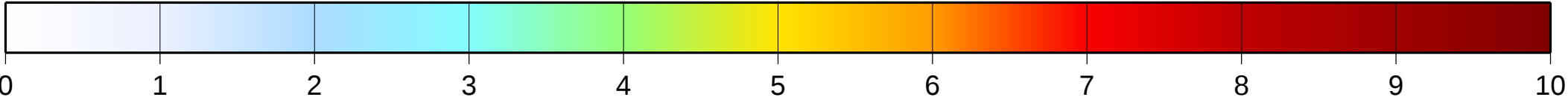
MSK macroseismic intensities map

Maximum MSK intensity: HERR_HNN I

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Station	Dist.(km)	IMSK
TPGR	11812	I
SURR	11282	I
SIRR	11170	I
HERR	11445	I
GZR	11381	I
CFR	11740	I
BZS	11275	I



MSK intensity scale