

Antelope - associated stations measurements on atlas2 ronet database

EAST OF KURIL ISLANDS - evid 38219

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/05/25	03:28:54.536	48.694	157.657	15.0		5.39	38478
Sta	Chan	PGV	PGA				
* 1	SURR	HHE	-0.000				
	SURR	HHZ	-0.000				
	SURR	HHN	0.000				
	SURR	HNZ		0.004			
	SURR	HNE		0.005			
	SURR	HNN		0.003			
* 2	TESR	HHE	-0.000				
	TESR	HHZ	0.000				
	TESR	HHN	0.000				
	TESR	HNZ		-0.003			
	TESR	HNE		0.003			
	TESR	HNN		0.002			
* 3	BURAR	BHZ	0.002				
	BURAR	BHE	0.000				
	BURAR	BHN	0.000				
	BURAR	BHZ		-0.000			
	BURAR	BHE		-0.000			
	BURAR	BHN		0.000			
* 4	VOIR	HHE	-0.000				
	VOIR	HHZ	0.000				
	VOIR	HHN	-0.000				
	VOIR	HNZ		0.004			
	VOIR	HNE		0.003			
	VOIR	HNN		0.005			
* 5	ISR	HHE	0.000				
	ISR	HHZ	0.000				
	ISR	HHN	0.000				
	ISR	HNZ		0.012			
	ISR	HNE		-0.039			
	ISR	HNN		0.046			
* 6	CFR	HHE	0.000				
	CFR	HHZ	-0.000				
	CFR	HHN	0.000				
	CFR	HNZ		0.003			
	CFR	HNE		0.005			
	CFR	HNN		0.008			
* 7	GZR	HHE	-0.000				
	GZR	HHZ	0.000				
	GZR	HHN	-0.000				
	GZR	HNZ		0.004			
	GZR	HNE		0.007			
	GZR	HNN		0.006			
* 8	MARR	HHE	-0.000				
	MARR	HHZ	0.000				
	MARR	HHN	0.000				
	MARR	HNZ		0.003			
	MARR	HNE		-0.002			
	MARR	HNN		-0.002			

*	9	BUR08	SHZ	0.000	
*	10	TURR	HHE	0.000	
		TURR	HHZ	0.000	
		TURR	HHN	0.000	
*	11	MDVR	HHE	0.000	
		MDVR	HHZ	-0.000	
		MDVR	HHN	-0.000	
		MDVR	HNZ		-0.008
		MDVR	HNE		-0.005
		MDVR	HNN		0.005
*	12	BZS	HHE	0.000	
		BZS	HHZ	0.000	
		BZS	HHN	-0.000	
		BZS	HNZ		0.001
		BZS	HNE		0.001
		BZS	HNN		0.001
*	13	TPGR	HHE	0.000	
		TPGR	HHZ	-0.000	
		TPGR	HHN	-0.000	
		TPGR	HNZ		0.002
		TPGR	HNE		0.002
		TPGR	HNN		-0.002
*	14	COVR	HHE	-0.000	
		COVR	HHZ	0.000	
		COVR	HHN	0.000	
		COVR	HNZ		-0.033
		COVR	HNE		-0.074
		COVR	HNN		-0.042
*	15	MLR	HHE	0.000	
		MLR	HHZ	-0.000	
		MLR	HHN	-0.000	
		MLR	HNZ		0.001
		MLR	HNE		-0.001
		MLR	HNN		-0.001
*	16	ICOR	HHE	-0.000	
		ICOR	HHZ	-0.000	
		ICOR	HHN	-0.000	
		ICOR	HNZ		-0.262
		ICOR	HNE		0.005
		ICOR	HNN		0.006

* Associated RO stations: 16
Excluded stations:

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

Velocity	BURAR_BHZ	0.002
Acceleration	ICOR_HNZ	0.262
Horizontal acc.	COVR_HNE	0.074

Stations max. horizontal acceleration and MSK intensity

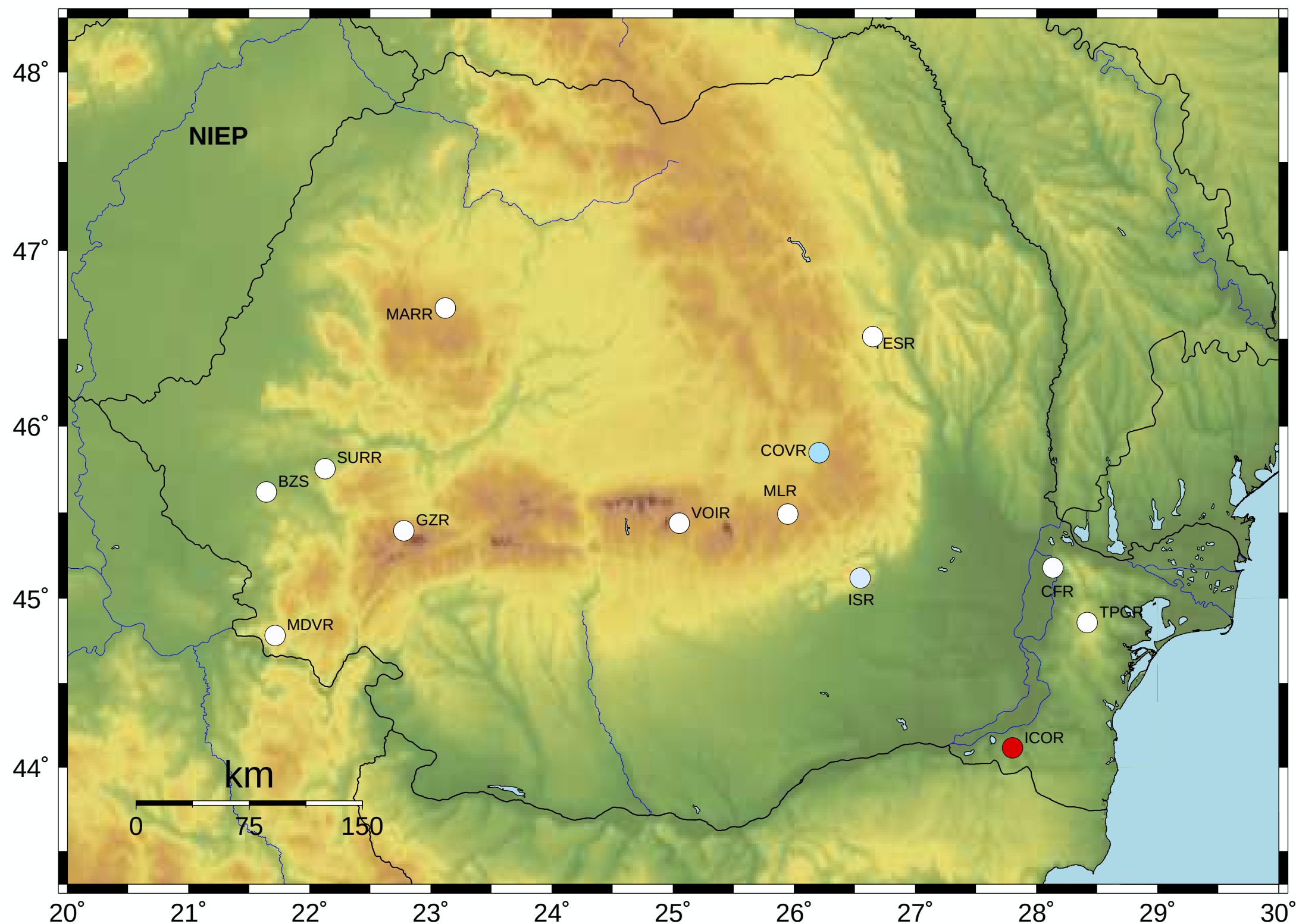
1	BURAR_HNE		
2	BZS_HNE	0.001	I
3	CFR_HNN	0.008	I
4	COVR_HNE	0.074	I
5	GZR_HNE	0.007	I
6	ICOR_HNN	0.006	I
7	ISR_HNN	0.046	I
8	MARR_HNE	0.002	I
9	MDVR_HNE	0.005	I
10	MLR_HNE	0.001	I
11	SURR_HNE	0.005	I

12	TESR_HNE	0.003	I
13	TPGR_HNE	0.002	I
14	VOIR_HNN	0.005	I

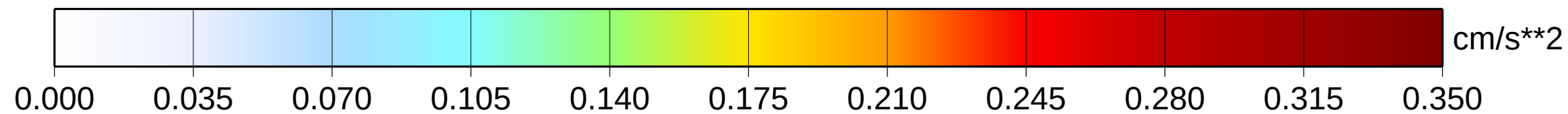
Observed stations accelerations – Antelope platform (cm/sec**2)

Maximum observed acceleration: ICOR_HNZ 0.262

Sat May 25, 2019 03:28:54 GMT ML Mb 5.4 N48.69 E157.66 Depth: 15.0km ID:38219

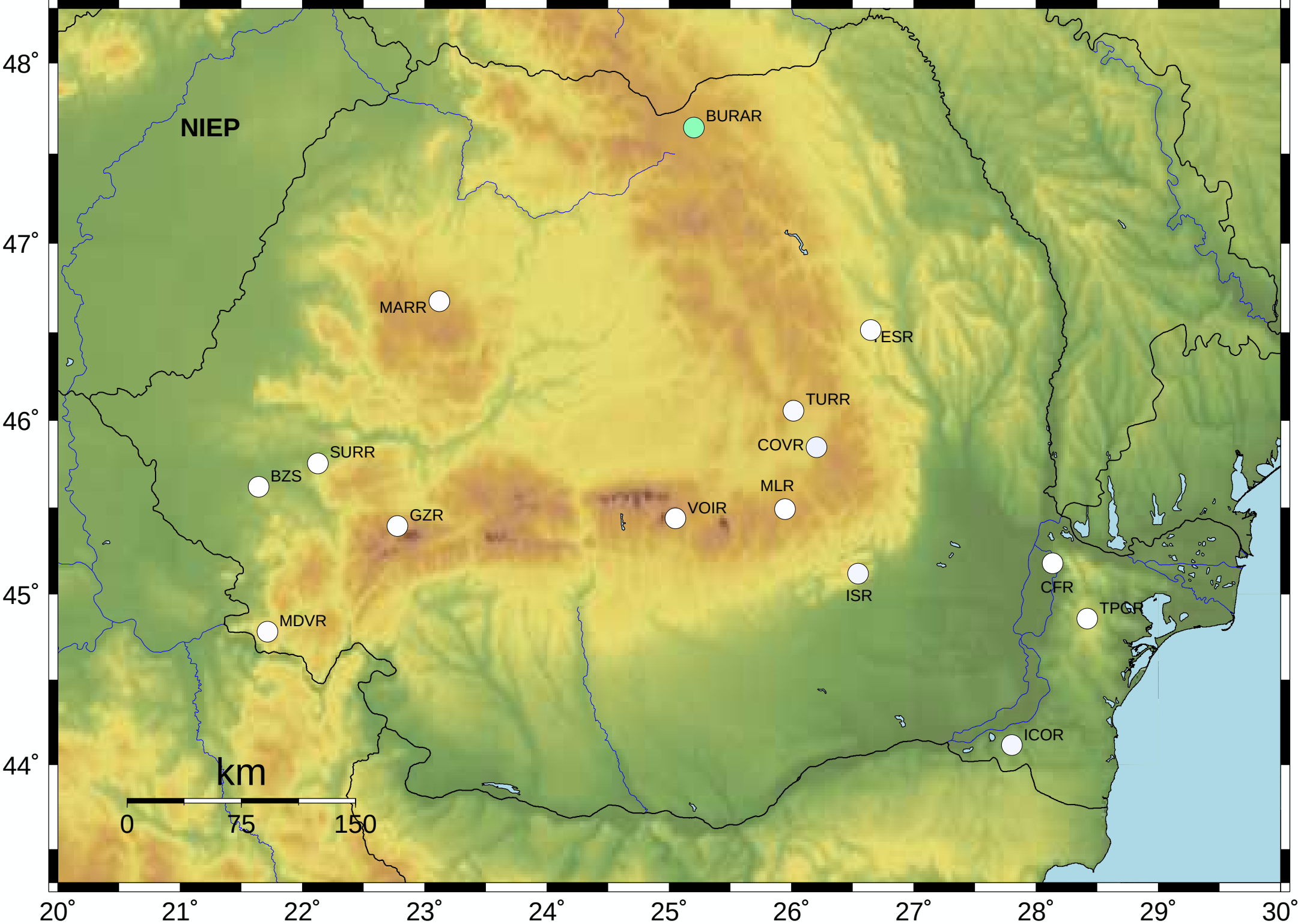


Station	Dist.(km)	Acc.
ICOR	9969	0.262
COVR	9923	0.074
ISR	9968	0.046
CFR	9841	0.008
MDVR	10368	0.008
GZR	10226	0.007
SURR	10240	0.005
VOIR	10050	0.005
TESR	9825	0.003
MARR	10073	0.003
TPGR	9851	0.002
BZS	10290	0.001
MLR	9977	0.001
BURAR	9823	0.000

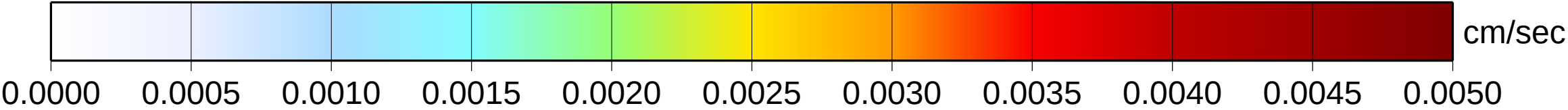


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR_BHZ 0.002
Sat May 25, 2019 03:28:54 GMT ML Mb 5.4 N48.69 E157.66 Depth: 15.0km ID:38219



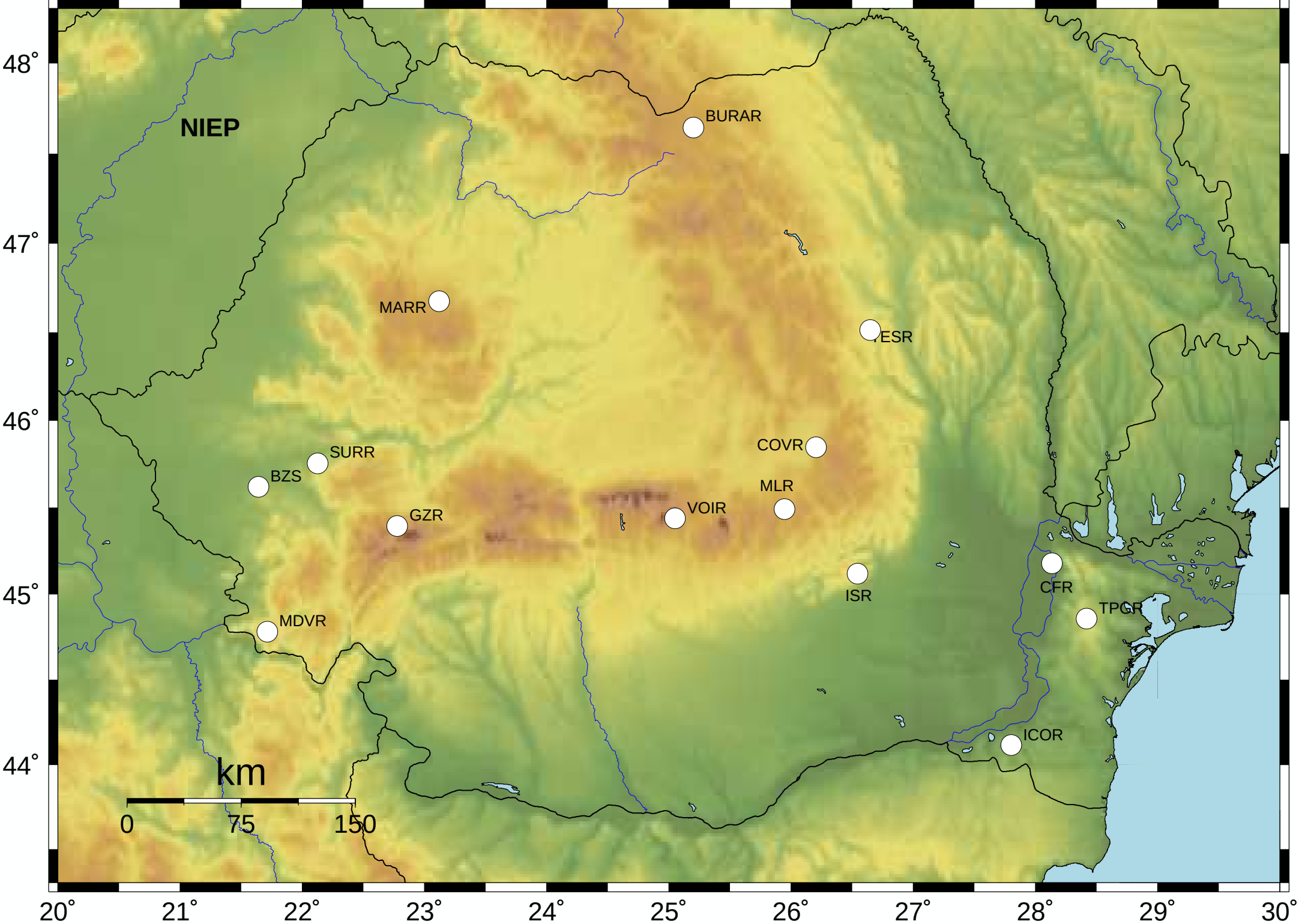
Station	Dist.(km)	Velocity
BURAR	9823	0.002
COVR	9923	0.000
ICOR	9969	0.000
ISR	9968	0.000
TURR	9917	0.000
TESR	9825	0.000
MDVR	10368	0.000
GZR	10226	0.000
MARR	10073	0.000
CFR	9841	0.000
TPGR	9851	0.000
MLR	9977	0.000
VOIR	10050	0.000
SURR	10240	0.000
BZS	10290	0.000
BUR08	9823	0.000



MSK macroseismic intensities map

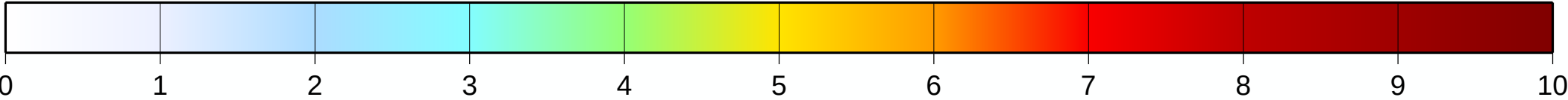
Maximum MSK intensity: COVR_HNE I

Sat May 25, 2019 03:28:54 GMT ML Mb 5.4 N48.69 E157.66 Depth: 15.0km ID:38219



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

VOIR	10050	I
TPGR	9851	I
TESR	9825	I
SURR	10240	I
MLR	9977	I
MDVR	10369	I
MARR	10074	I
ISR	9968	I
ICOR	9970	I
GZR	10227	I
COVR	9923	I
CFR	9842	I
BZS	10290	I



MSK intensity scale