

Antelope - associated stations measurements on atlas2 ronet database

NEAR COAST OF VENEZUELA - evid 40012

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/09/09	18:05:24.677	10.939	-64.275	15.0		5.43	40271
Sta	Chan	PGV	PGA				
* 1	SURR	HHE	-0.000				
	SURR	HHN	0.000				
	SURR	HNZ		0.006			
	SURR	HNE		0.000			
	SURR	HNN		-0.004			
* 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		-0.002			
	BZS	HNE		-0.002			
	BZS	HNN		-0.002			
* 4	SIRR	HHZ	-0.000				
	SIRR	HNZ		0.004			
	SIRR	HNN		0.005			
* 5	GZR	HHE	0.000				
	GZR	HHZ	0.000				
	GZR	HHN	0.000				
	GZR	HNZ		-0.004			
	GZR	HNE		-0.005			
	GZR	HNN		-0.008			
* 6	COVR	HHZ	-0.000				
	COVR	HNZ		0.012			
	COVR	HNN		-0.010			
* 7	MARR	HHE	-0.000				
	MARR	HHZ	-0.000				
	MARR	HNZ		0.002			
	MARR	HNN		0.002			
* 8	BUR08	SHZ	-0.000				
* 9	DRGR	HHE	0.000				
	DRGR	HHZ	0.000				
	DRGR	HNZ		0.002			
	DRGR	HNN		0.001			

* Associated RO stations: 9
Excluded stations:

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

Velocity	BURAR_BHZ	0.002
Acceleration	COVR_HNZ	0.012

Horizontal acc.	COVR_HNN	0.010
-----------------	----------	-------

Stations max. horizontal acceleration and MSK intensity

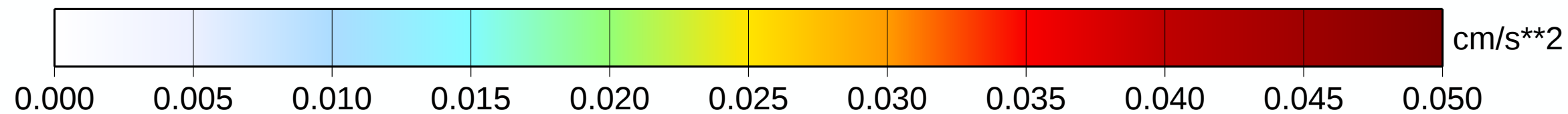
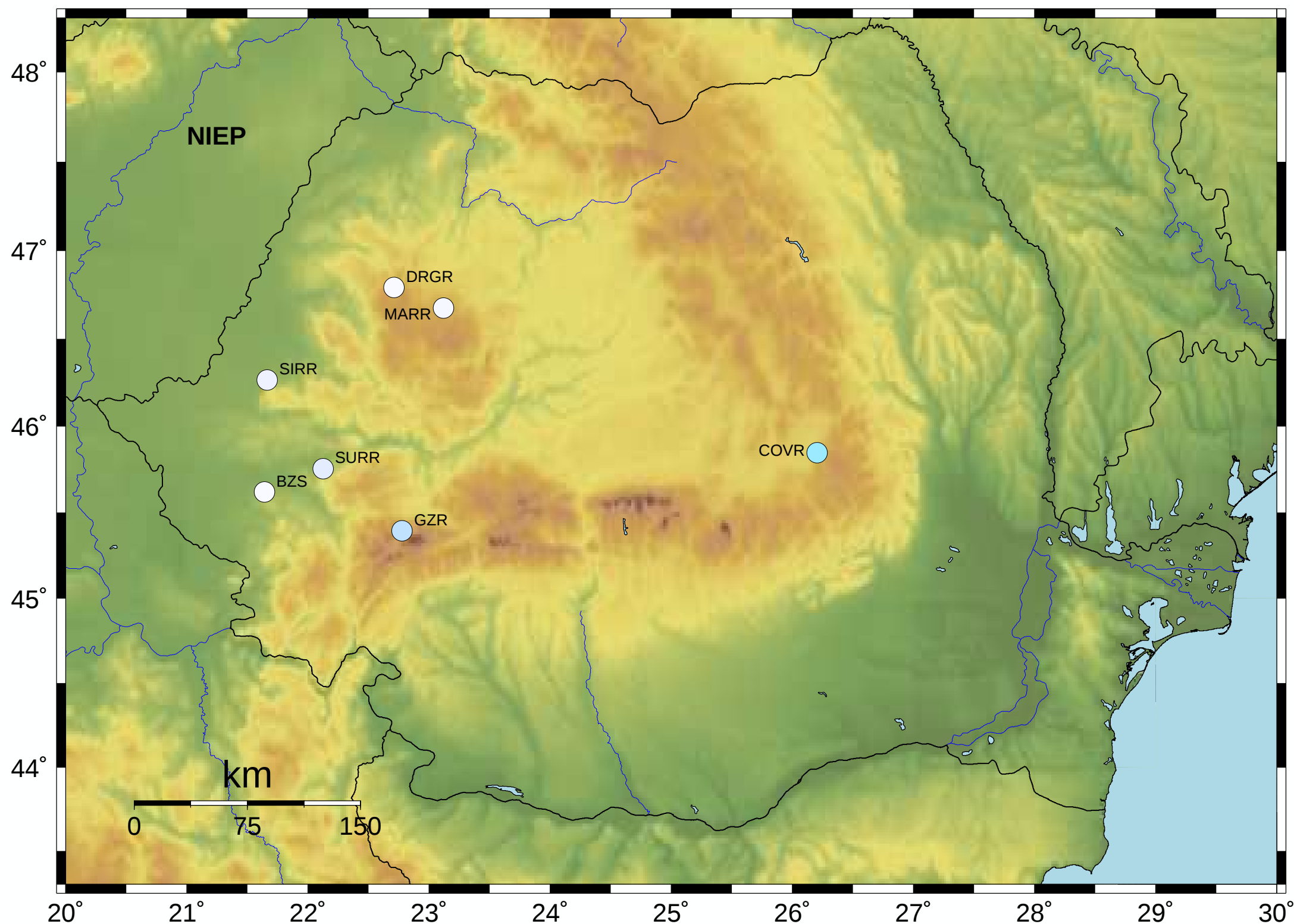
1	BURAR_HNE		
2	BZS_HNE	0.002	I
3	COVR_HNN	0.010	I
4	DRGR_HNN	0.001	I
5	GZR_HNN	0.008	I
6	MARR_HNN	0.002	I
7	SIRR_HNN	0.005	I
8	SURR_HNN	0.004	I

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

Maximum observed acceleration: COVR_HNZ 0.012

Mon Sep 9, 2019 18:05:24 GMT ML Mb 5.4 N10.94 W64.28 Depth: 15.0km ID:40012

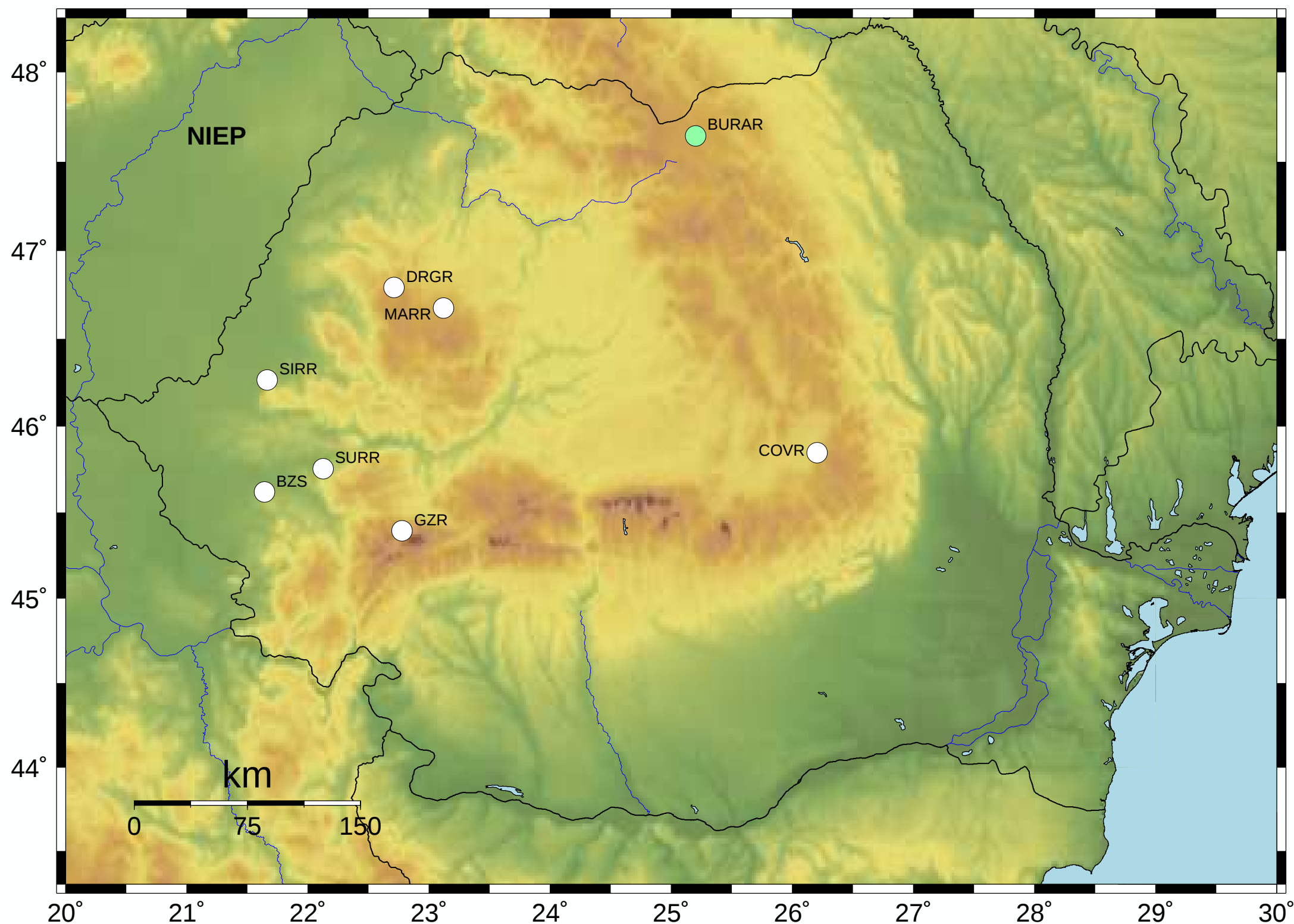
Station	Dist.(km)	Acc.
COVR	9664	0.012
GZR	9354	0.008
SURR	9299	0.006
SIRR	9263	0.005
MARR	9396	0.002
BZS	9254	0.002
DRGR	9361	0.002
BURAR	9589	0.000



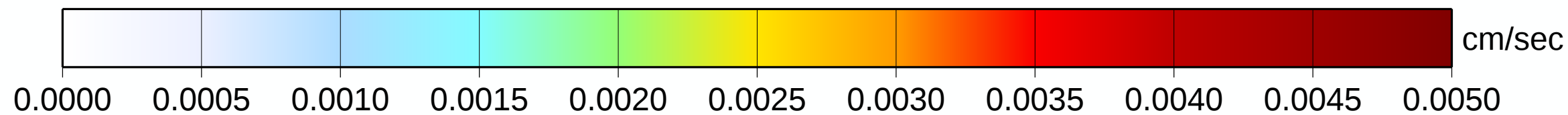
Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR_BHZ 0.002

Mon Sep 9, 2019 18:05:24 GMT ML Mb 5.4 N10.94 W64.28 Depth: 15.0km ID:40012



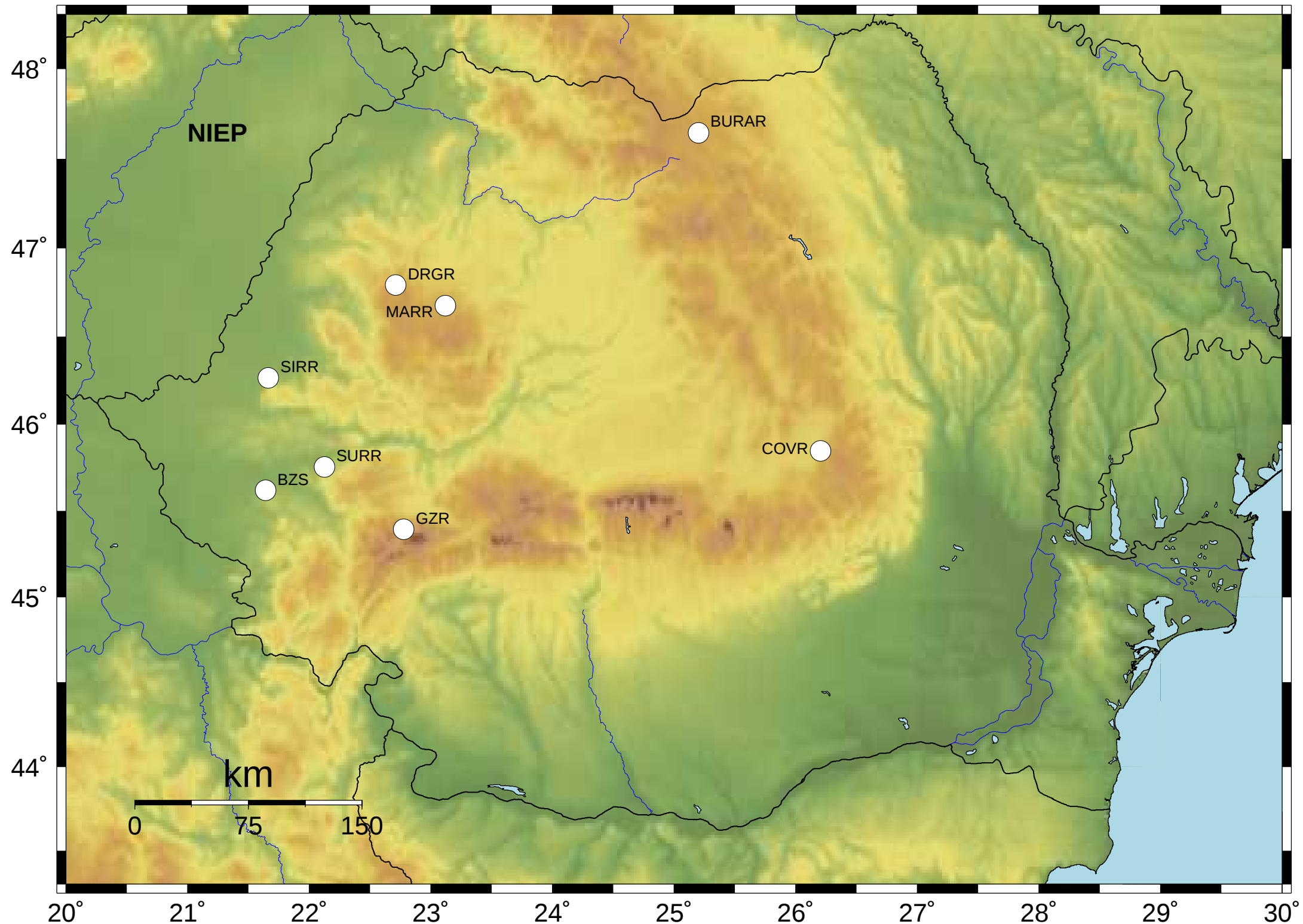
Station	Dist.(km)	Velocity
BURAR	9589	0.002
SURR	9299	0.000
DRGR	9361	0.000
MARR	9396	0.000
GZR	9354	0.000
SIRR	9263	0.000
BZS	9254	0.000
COVR	9664	0.000
BUR08	9589	0.000



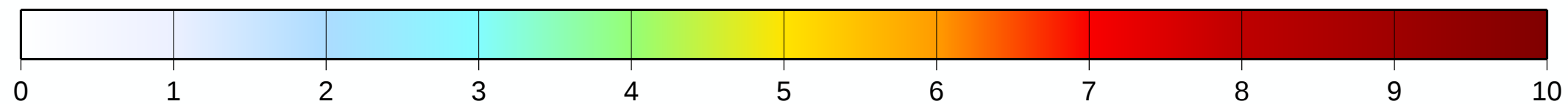
MSK macroseismic intensities map

Maximum MSK intensity: COVR_HNN I

Mon Sep 9, 2019 18:05:24 GMT ML Mb 5.4 N10.94 W64.28 Depth: 15.0km ID:40012



Station	Dist.(km)	IMSK
SURR	9299	I
SIRR	9264	I
MARR	9397	I
GZR	9354	I
DRGR	9362	I
COVR	9664	I
BZS	9255	I



MSK intensity scale