

Antelope - associated stations measurements on atlas2 ronet database

CHAGOS ARCHIPELAGO REGION - evid 43988

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/04/09	17:26:20.656	-6.068	69.365	15.0		5.39	44247
Sta	Chan	PGV	PGA				
* 1 BZS	HHE	0.000					
	BZS	HHZ	0.000				
	BZS	HHN	-0.000				
	BZS	HNZ	0.001				
	BZS	HNE	-0.001				
	BZS	HNN	-0.002				
* 2 VOIR	HHN	-0.000					
	VOIR	HNZ	0.019				
	VOIR	HNN	-0.017				
* 3 CFR	HHE	0.000					
	CFR	HHZ	-0.000				
	CFR	HHN	-0.000				
	CFR	HNZ	0.004				
	CFR	HNE	-0.007				
	CFR	HNN	-0.008				
* 4 TSSL	EHE	-0.000					
	TSSL	EHN	0.000				
	TSSL	EHZ	-0.001				
	TSSL	HNZ	-0.033				
	TSSL	HNE	0.015				
	TSSL	HNN	-0.021				
* 5 GZR	HHZ	-0.000					
	GZR	HNZ	-0.002				
* 6 PLOR	HHE	-0.000					
	PLOR	HHZ	0.000				
	PLOR	HHN	0.000				
	PLOR	HNZ	0.001				
	PLOR	HNE	0.001				
	PLOR	HNN	-0.002				
* 7 MARR	HHN	-0.000					
	MARR	HNE	0.000				
	MARR	HNN	-0.002				
* 8 JURR	HNZ		0.000				
	JURR	HNE	0.089				
* 9 MLR	HHE	-0.000					
	MLR	HHN	0.000				
	MLR	HNZ	0.000				
	MLR	HNN	0.001				
* 10 TURR	HHE	0.000					
	TURR	HHZ	-0.000				
	TURR	HHN	-0.000				
* 11 DOPR	HHE	0.000					
	DOPR	HHZ	0.000				
	DOPR	HNZ	0.005				
* 12 VRI	HHE	0.000					
	VRI	HHZ	0.000				
	VRI	HHN	-0.000				
	VRI	HNZ	-0.003				

VRI	HNE	0.008
VRI	HNN	0.007

* Associated RO stations: 12
Excluded stations:

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

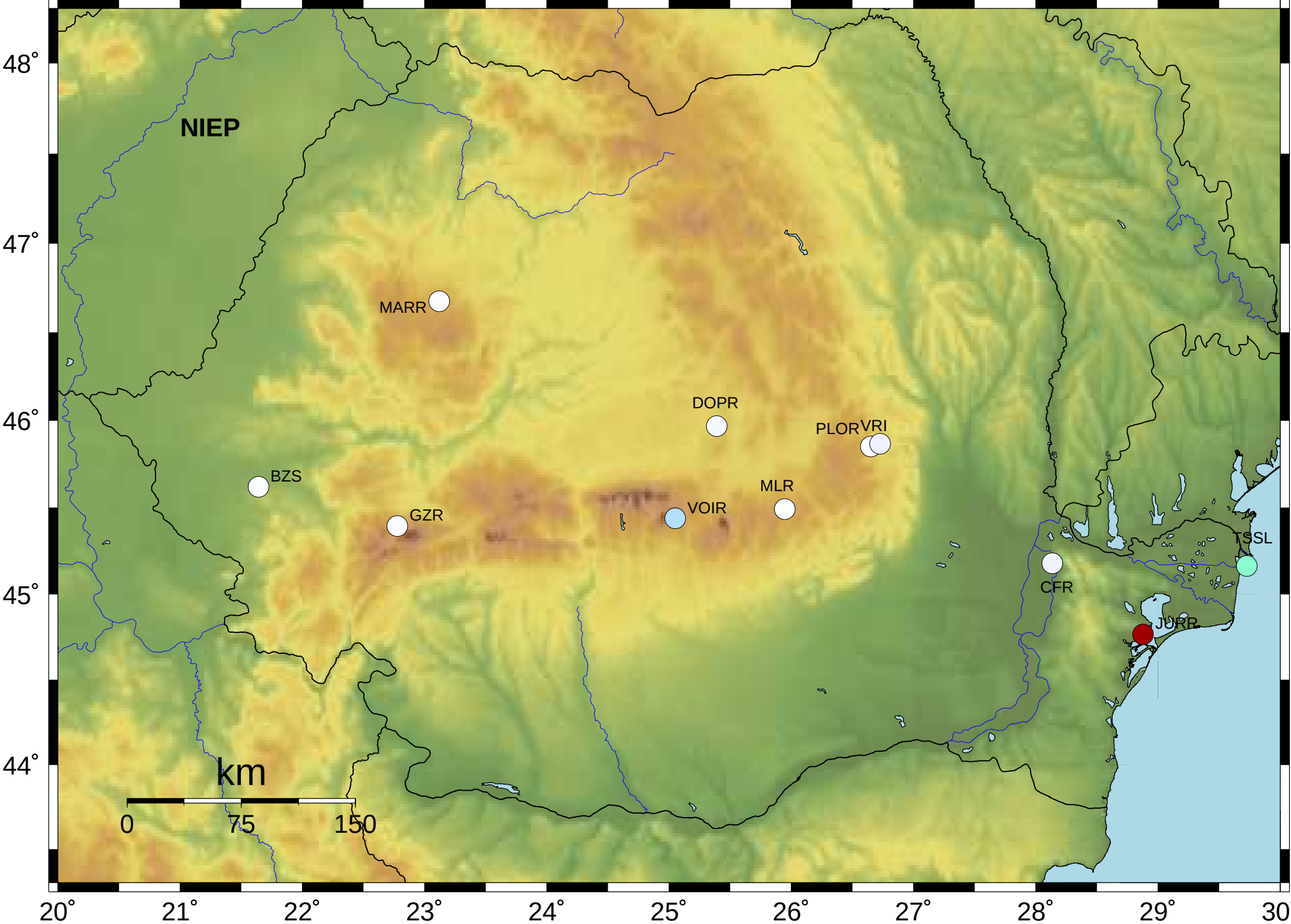
Velocity	TSSL_EHZ	0.001
Acceleration	JURR_HNE	0.089

Stations max. horizontal acceleration and MSK intensity

1	BZS_HNN	0.002	I
2	CFR_HNN	0.008	I
3	JURR_HNE	0.089	I
4	MARR_HNN	0.002	I
5	MLR_HNN	0.001	I
6	PLOR_HNN	0.002	I
7	TSSL_HNN	0.021	I
8	VOIR_HNN	0.017	I
9	VRI_HNE	0.008	I

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

Maximum observed acceleration: JURR_HNE 0.089
Thu Apr 9, 2020 17:26:20 GMT ML Mb 5.4 S6.07 E69.37 Depth: 15.0km ID:43988

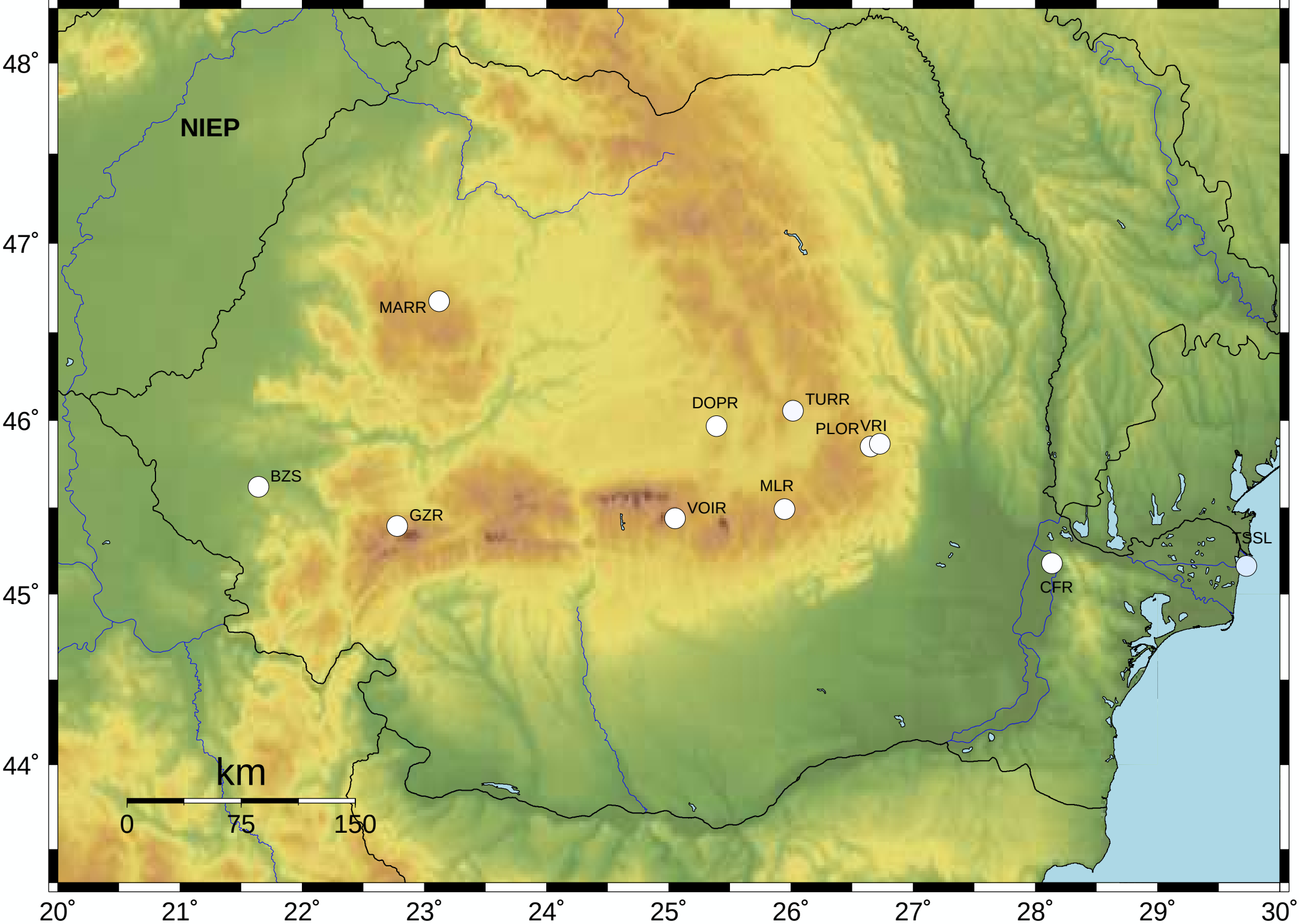


Station	Dist.(km)	Acc.
JURR	7070	0.089
TSSL	7050	0.033
VOIR	7370	0.019
CFR	7150	0.008
VRI	7295	0.008
DOPR	7389	0.005
GZR	7519	0.002
MARR	7593	0.002
BZS	7613	0.002
PLOR	7299	0.002
MLR	7316	0.001

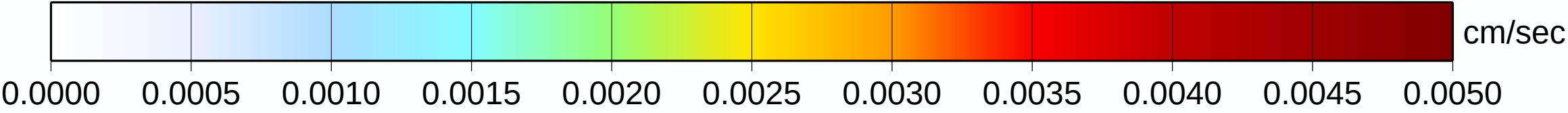


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: TSSL_EHZ 0.001
Thu Apr 9, 2020 17:26:20 GMT ML Mb 5.4 S6.07 E69.37 Depth: 15.0km ID:43988



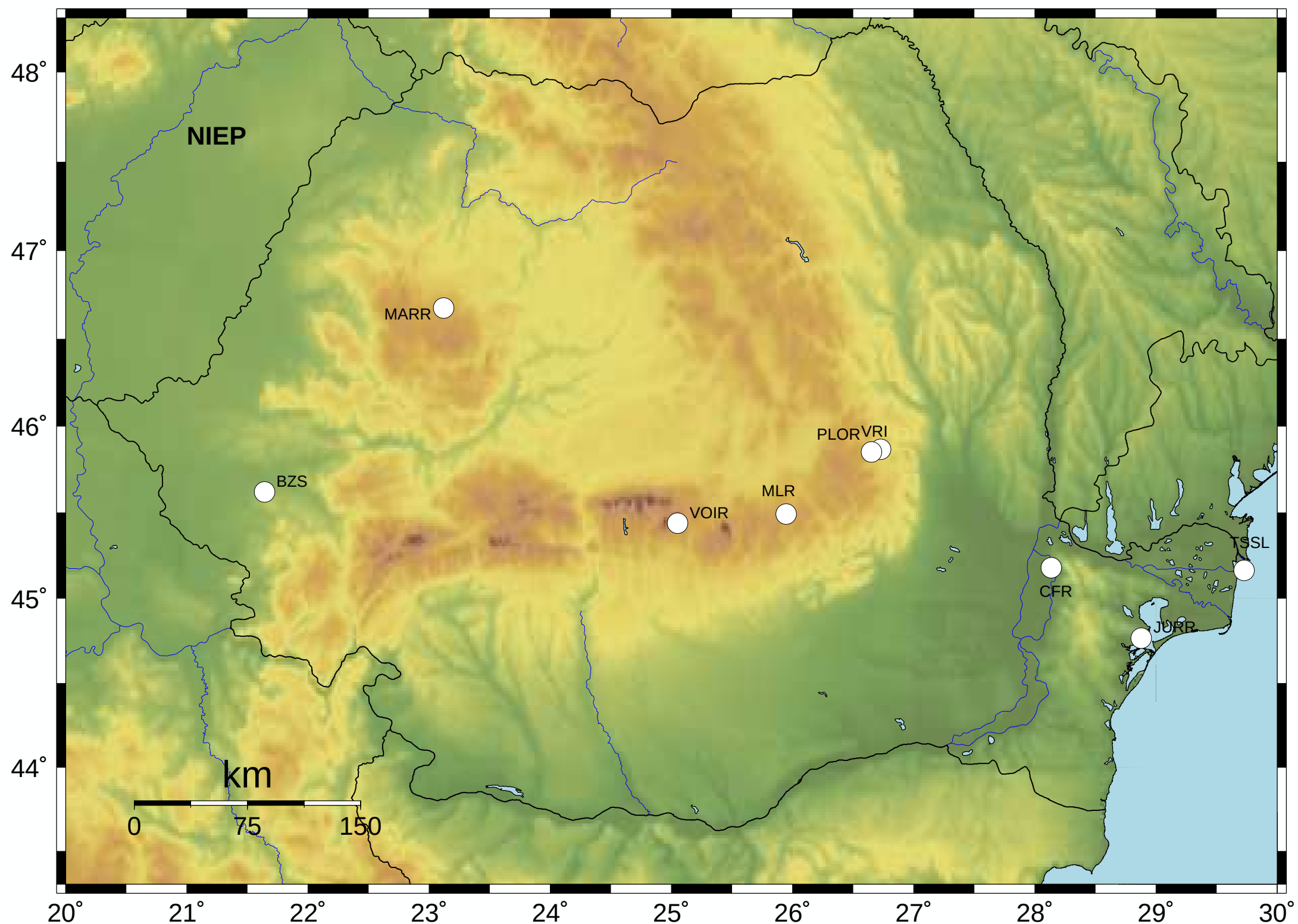
Station	Dist.(km)	Velocity
TSSL	7050	0.001
TURR	7355	0.000
VRI	7295	0.000
PLOR	7299	0.000
CFR	7150	0.000
MLR	7316	0.000
GZR	7519	0.000
MARR	7593	0.000
BZS	7613	0.000
VOIR	7370	0.000
DOPR	7389	0.000



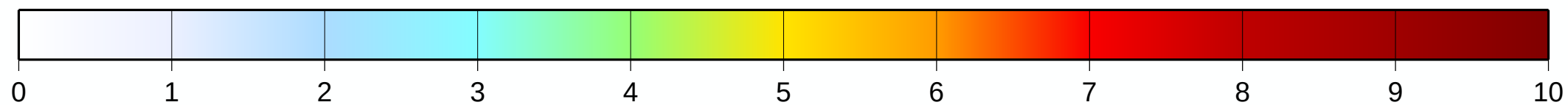
MSK macroseismic intensities map

Maximum MSK intensity: JURR_HNE I

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Station	Dist.(km)	IMSK
VRI	7295	I
VOIR	7371	I
TSSL	7050	I
PLOR	7299	I
MLR	7316	I
MARR	7593	I
JURR	7071	I
CFR	7151	I
BZS	7614	I



MSK intensity scale