

Antelope - associated stations measurements on atlas2 ronet database

TURKEY - evid 40392

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/09/26	10:59:27.571	40.861	28.168	30.0	5.7		40651
Sta	Chan	PGV	PGA				
* 1 CVD1	HHE	0.012					
	CVD1	HHZ	0.007				
	CVD1	HHN	-0.011				
	CVD1	HNZ	0.295				
	CVD1	HNE	0.569				
	CVD1	HNN	-0.312				
* 2 TIRR	HHE	-0.003					
	TIRR	HHZ	-0.003				
	TIRR	HHN	0.003				
	TIRR	HNZ	0.040				
	TIRR	HNE	0.029				
	TIRR	HNN	0.046				
* 3 ZIMR	EHE	0.004					
	ZIMR	EHN	-0.004				
	ZIMR	EHZ	0.002				
	ZIMR	HNZ	-0.176				
	ZIMR	HNE	0.173				
	ZIMR	HNN	-0.162				
* 4 RAZG	HHZ	-0.025					
	RAZG	HHN	0.021				
	RAZG	HNZ	-0.261				
	RAZG	HNE	-0.322				
	RAZG	HNN	0.546				
* 5 KALB	HHE	-0.030					
	KALB	HHZ	-0.017				
	KALB	HHN	-0.027				
	KALB	HNZ	0.223				
	KALB	HNE	-0.330				
* 6 LOZB	HHE	0.083					
	LOZB	HHZ	-0.024				
	LOZB	HNE	0.464				
	LOZB	HNN	-1.823				
* 7 ELND	HHE	0.024					
	ELND	HHZ	-0.015				
	ELND	HHN	-0.014				
	ELND	HNZ	-0.143				
	ELND	HNE	0.234				
* 8 ICOR	HHE	-0.027					
	ICOR	HHN	-0.021				
	ICOR	HNZ	0.289				
	ICOR	HNE	0.283				

* Associated RO stations: 8
Excluded stations:

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

Velocity	LOZB_HHE	0.083
Acceleration	LOZB_HNN	1.823

Stations max. horizontal acceleration and MSK intensity

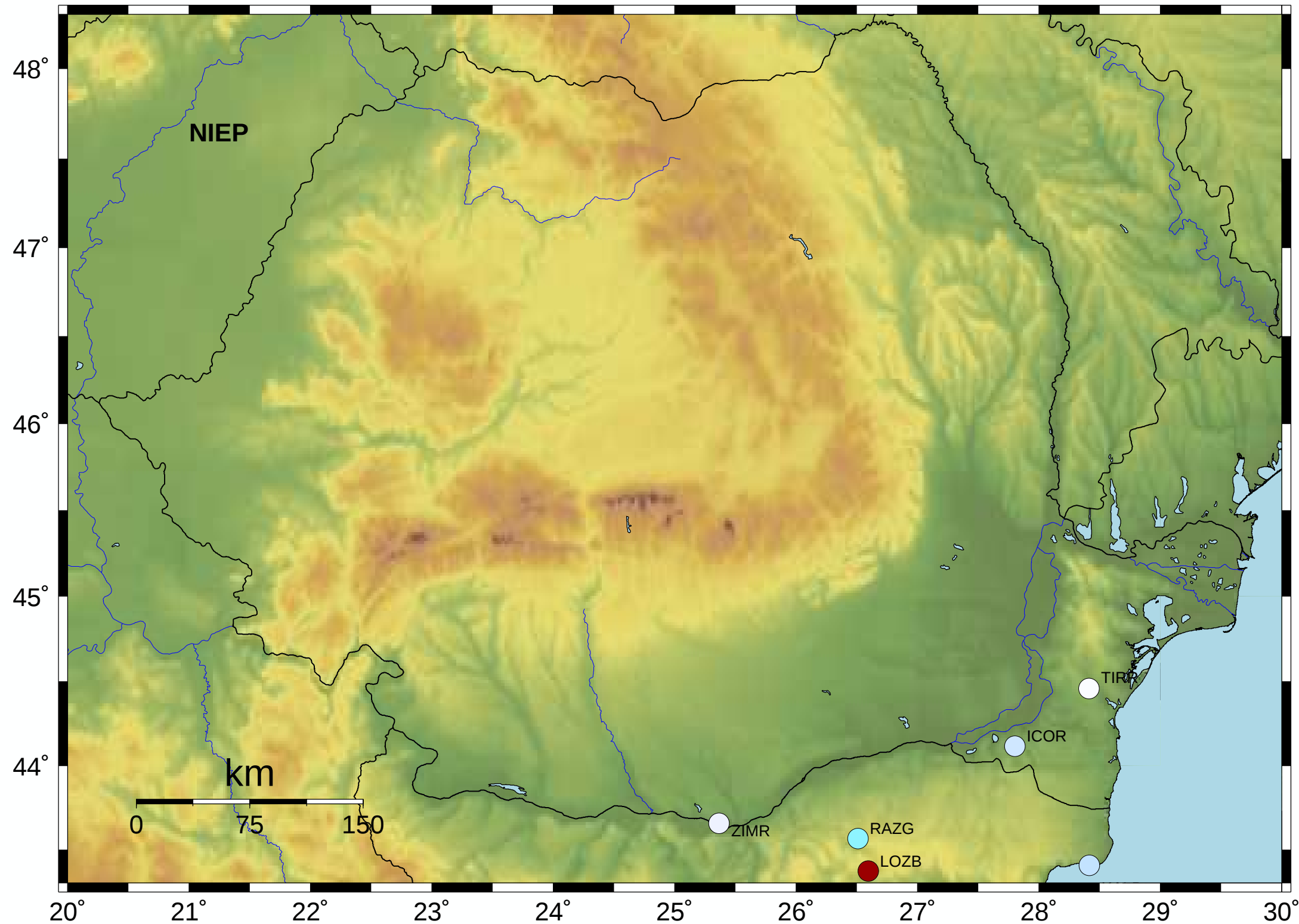
1	CVD1_HNE	0.569	I
2	ELND_HNE	0.234	I
3	ICOR_HNE	0.283	I
4	KALB_HNE	0.330	I
5	LOZB_HNN	1.823	II
6	RAZG_HNN	0.546	I
7	TIRR_HNN	0.046	I
8	ZIMR_HNE	0.173	I

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

Maximum observed acceleration: LOZB_HNN 1.823

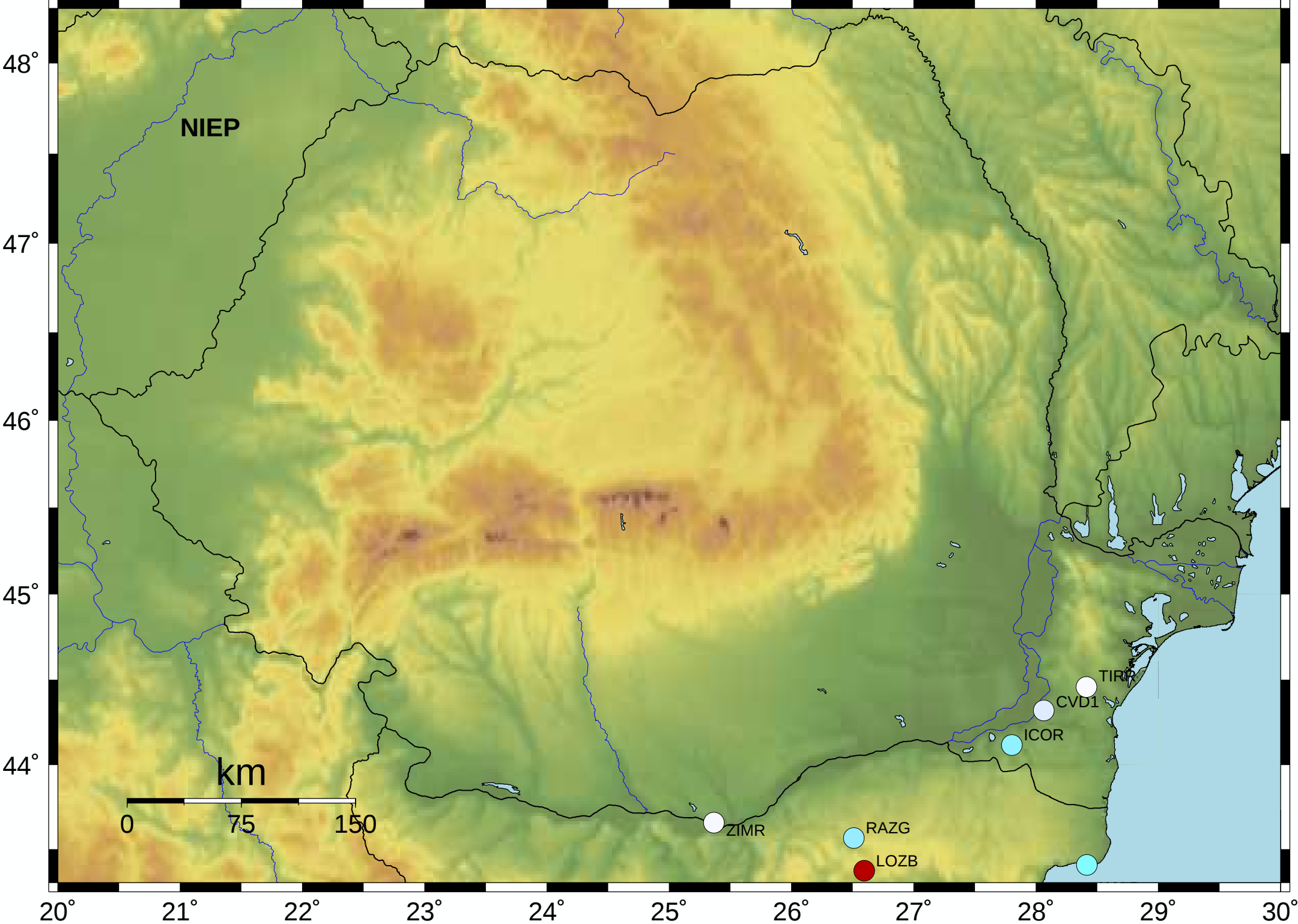
Thu Sep 26, 2019 10:59:27 GMT ML 5.7 Mb N40.86 E28.17 Depth: 30.0km ID:40392

Station	Dist.(km)	Acc.
LOZB	307	1.823
CVD1	384	0.569
RAZG	330	0.546
KALB	283	0.330
ICOR	363	0.289
ZIMR	387	0.176
TIRR	400	0.046

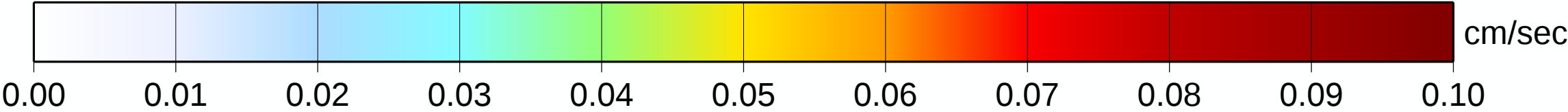


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: LOZB_HHE 0.083
Thu Sep 26, 2019 10:59:27 GMT ML 5.7 Mb N40.86 E28.17 Depth: 30.0km ID:40392



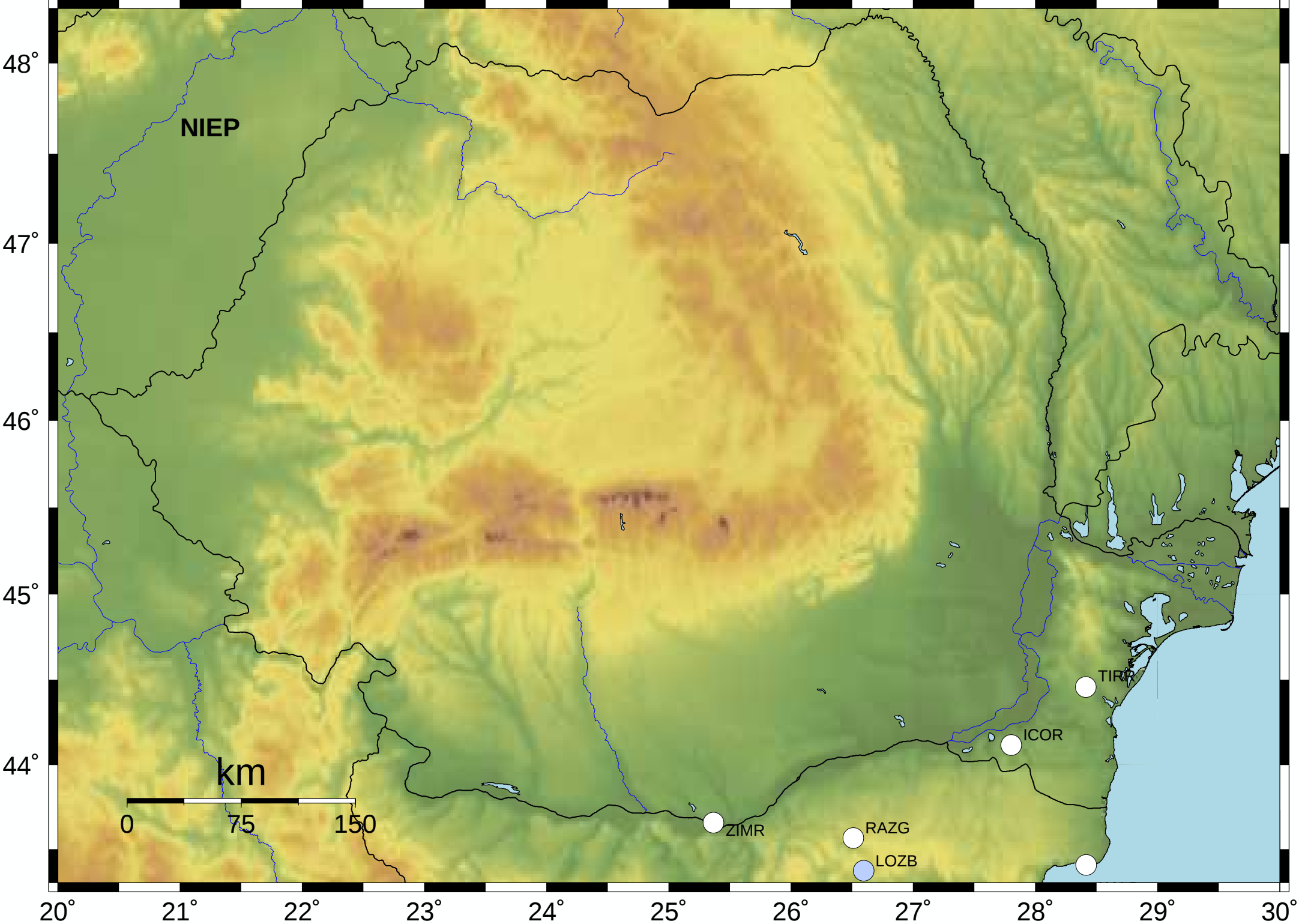
Station	Dist.(km)	Velocity
LOZB	307	0.083
KALB	283	0.030
ICOR	363	0.027
RAZG	330	0.025
CVD1	384	0.012
ZIMR	387	0.004
TIRR	400	0.003



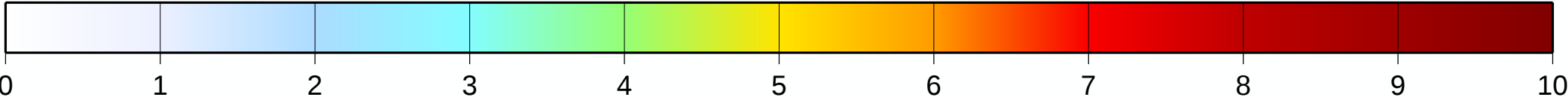
MSK macroseismic intensities map

Maximum MSK intensity: LOZB_HNN II

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Station	Dist.(km)	IMSK
LOZB	308	II
ZIMR	387	I
TIRR	401	I
RAZG	330	I
KALB	284	I
ICOR	363	I
ELND	298	I
CVD1	385	I



MSK intensity scale