

Antelope - associated stations measurements on atlas2 ronet database

NORTHWESTERN IRAN - evid 43414

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/02/23	16:00:15.528	37.229	46.102	15.0		5.73	43684

	Sta	Chan	PGV	PGA
*	1	OZUR	HHE	-0.001
		OZUR	HHZ	0.001
		OZUR	HHN	0.001
		OZUR	HNZ	-0.023
		OZUR	HNE	-0.029
		OZUR	HNN	-0.038
*	2	ODBI	HHE	-0.004
		ODBI	HHZ	0.002
		ODBI	HHN	-0.005
		ODBI	HNZ	0.206
		ODBI	HNE	0.276
		ODBI	HNN	-0.507
*	3	ELND	HHE	0.000
		ELND	HHZ	-0.000
		ELND	HHN	0.000
		ELND	HNZ	0.081
		ELND	HNE	0.049
		ELND	HNN	-0.062
*	4	PRAR	HHE	-0.001
		PRAR	HHZ	0.001
		PRAR	HHN	0.001
		PRAR	HNZ	0.023
		PRAR	HNE	-0.052
		PRAR	HNN	-0.047
*	5	VRI	HHE	-0.001
		VRI	HHZ	-0.001
		VRI	HHN	-0.000
		VRI	HNZ	-0.003
		VRI	HNE	-0.011
		VRI	HNN	-0.004

* Associated RO stations: 5
Excluded stations:

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

Velocity	ODBI_HHN	0.005
Acceleration	ODBI_HNN	0.507

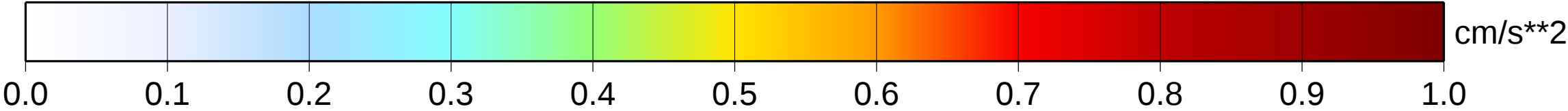
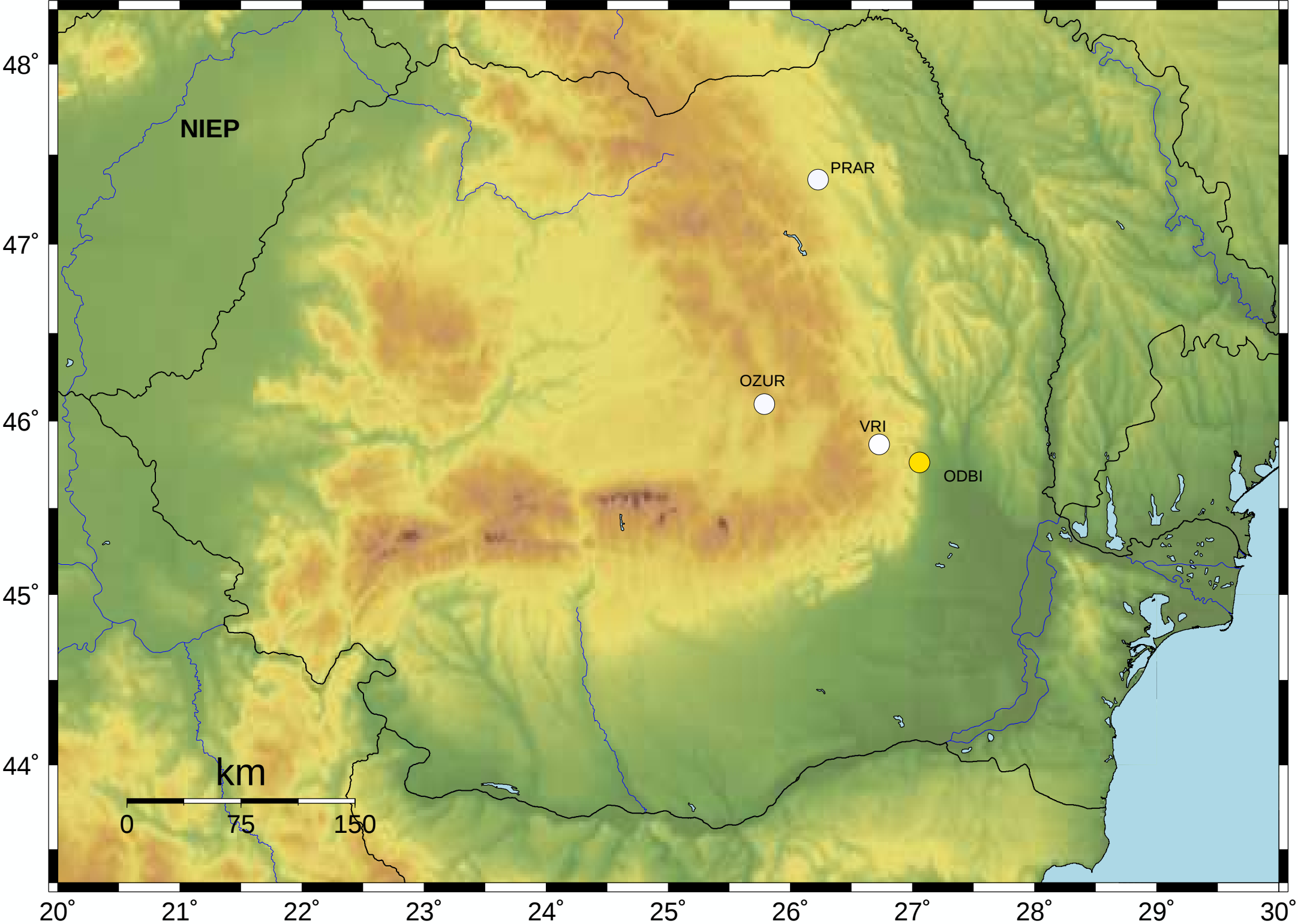
Stations max. horizontal acceleration and MSK intensity

1	ELND_HNN	0.062	I
2	ODBI_HNN	0.507	I
3	OZUR_HNN	0.038	I
4	PRAR_HNE	0.052	I
5	VRI_HNE	0.011	I

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

Maximum observed acceleration: ODBI_HNN 0.507
Sun Feb 23, 2020 16:00:15 GMT ML Mb 5.7 N37.23 E46.10 Depth: 15.0km ID:43414

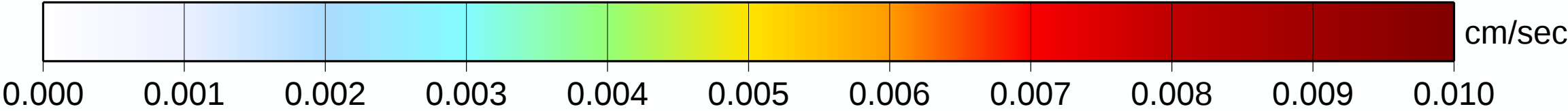
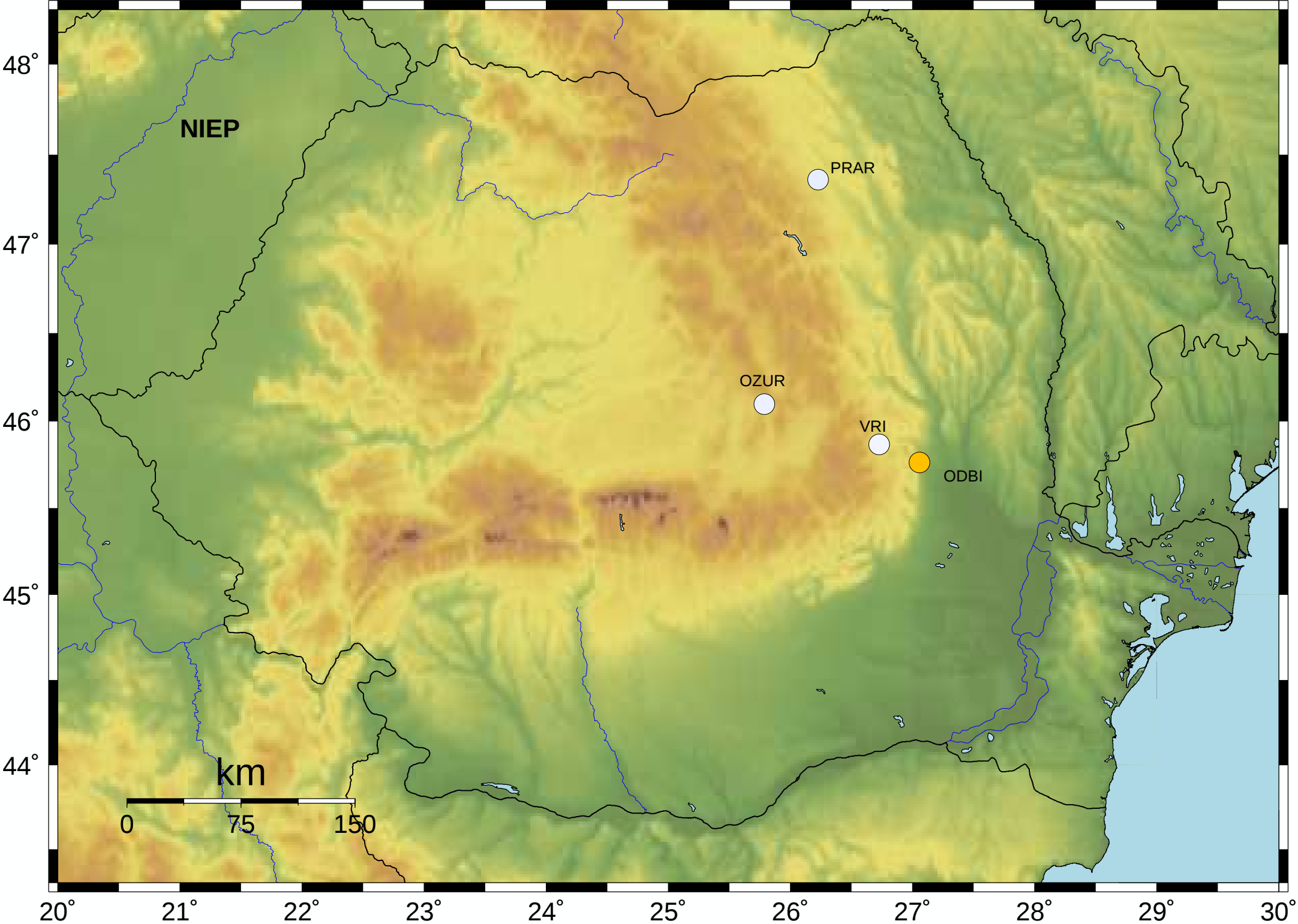
Station	Dist.(km)	Acc.
ODBI	1848	0.507
PRAR	1985	0.052
OZUR	1954	0.038
VRI	1876	0.011



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: ODBI_HHN 0.005
Sun Feb 23, 2020 16:00:15 GMT ML Mb 5.7 N37.23 E46.10 Depth: 15.0km ID:43414

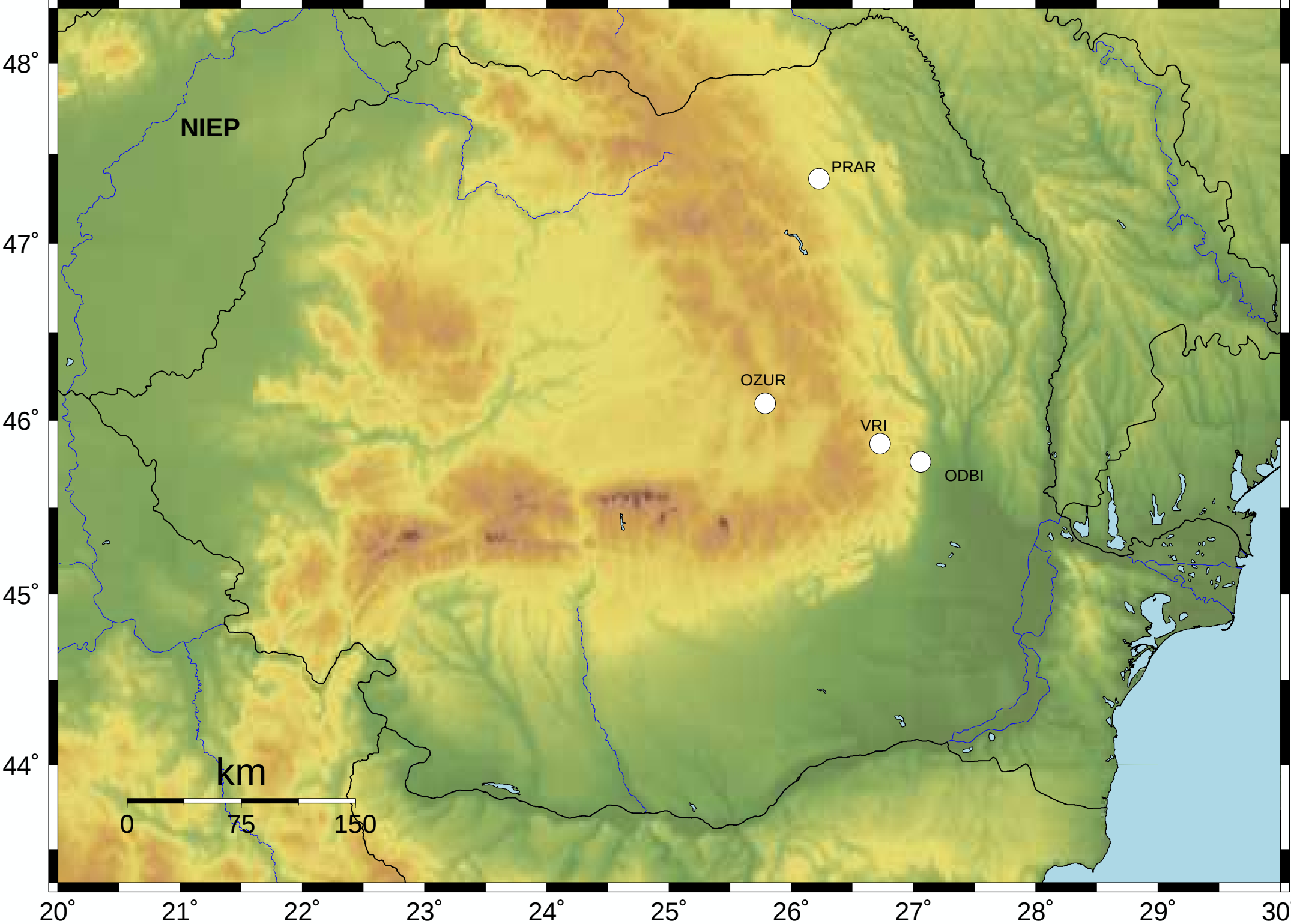
Station	Dist.(km)	Velocity
ODBI	1848	0.005
PRAR	1985	0.001
OZUR	1954	0.001
VRI	1876	0.001



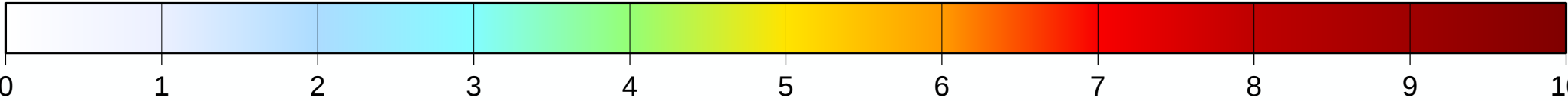
MSK macroseismic intensities map

Maximum MSK intensity: ODBI_HNN I

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Station	Dist.(km)	IMSK
VRI	1877	I
PRAR	1985	I
OZUR	1955	I
ODBI	1849	I
ELND	1834	I



MSK intensity scale