

Antelope - associated stations measurements on atlas2 ronet database

NEAR EAST COAST OF HONSHU, JAPAN - evid 41911

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/12/11	09:39:15.732	38.507	141.364	50.0		5.35	42171
Sta	Chan	PGV	PGA				
* 1 MDVR	HHE	0.000					
	MDVR	HNE	0.011				
* 2 BURAR	BHZ	0.003					
	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	-0.001				
	BZS	HNE	-0.002				
	BZS	HNN	-0.001				
* 4 ARR	HHE	0.000					
	ARR	HHZ	-0.000				
	ARR	HHN	0.000				
	ARR	HNZ	0.005				
	ARR	HNE	0.006				
	ARR	HNN	0.005				
* 5 GZR	HHZ	0.000					
	GZR	HHN	0.000				
	GZR	HNZ	0.001				
	GZR	HNE	-0.003				
	GZR	HNN	0.003				
* 6 MARR	HHE	0.000					
	MARR	HHZ	0.000				
	MARR	HHN	-0.000				
	MARR	HNZ	0.004				
	MARR	HNE	-0.003				
* 7 OZUR	HHE	-0.001					
	OZUR	HHZ	0.001				
	OZUR	HHN	0.001				
	OZUR	HNZ	0.068				
	OZUR	HNE	0.123				
* 8 BUR08	SHZ	-0.000					
* 9 TURR	HHZ	-0.000					
	TURR	HHN	-0.000				
* 10 DOPR	HHE	0.004					
	DOPR	HHZ	0.001				
	DOPR	HHN	-0.002				
	DOPR	HNZ	0.273				
	DOPR	HNE	0.730				
	DOPR	HNN	-0.449				
* 11 VRI	HHE	-0.000					
	VRI	HHZ	0.000				
	VRI	HHN	-0.000				
	VRI	HNZ	0.002				

VRI	HNE	0.007
VRI	HNN	0.006

* Associated RO stations: 11
Excluded stations:

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

Velocity	DOPR_HHE	0.004
Acceleration	DOPR_HNE	0.730

Stations max. horizontal acceleration and MSK intensity

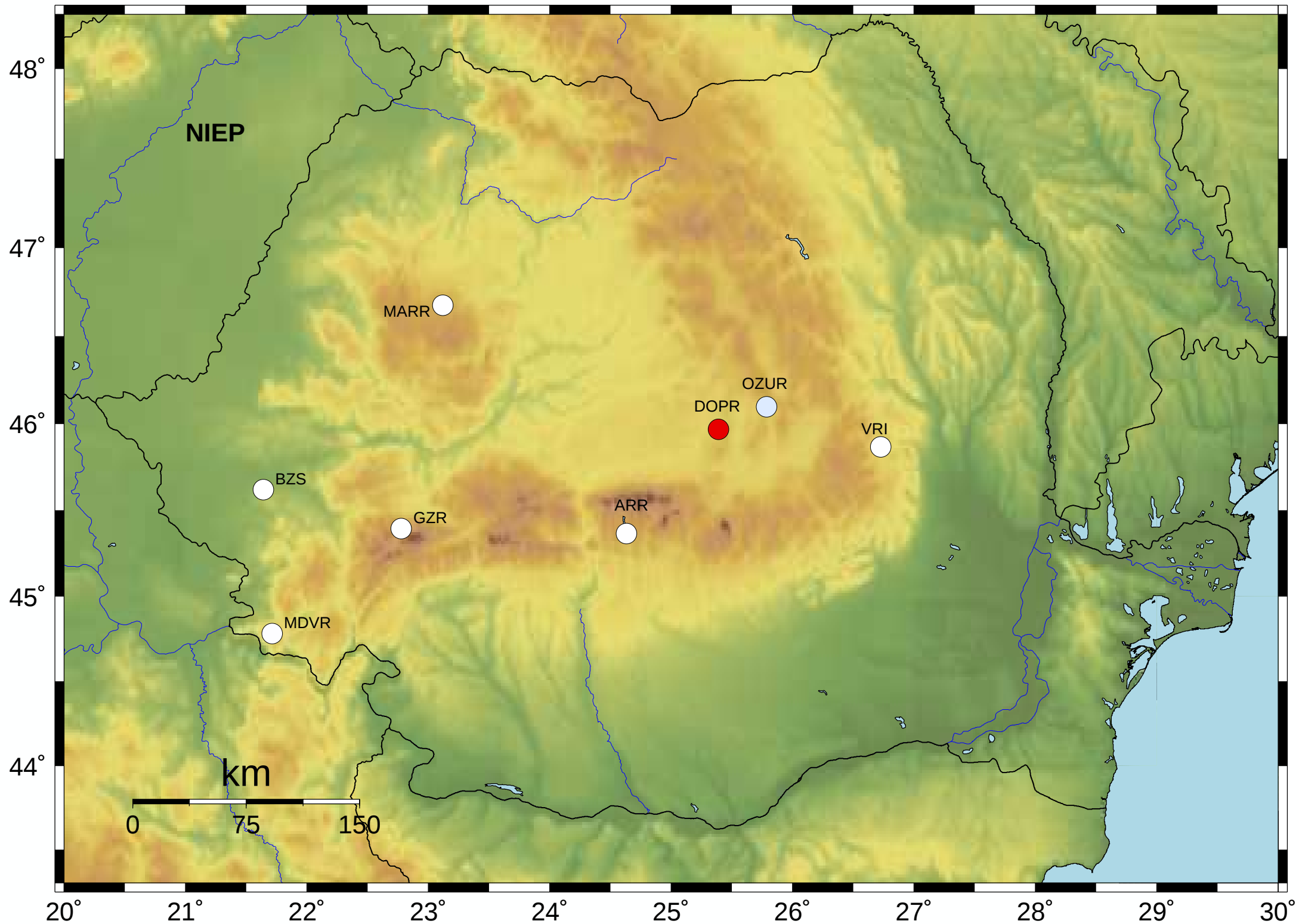
1	ARR_HNE	0.006	I
2	BURAR_HNE		
3	BZS_HNE	0.002	I
4	DOPR_HNE	0.730	I
5	GZR_HNE	0.003	I
6	MARR_HNE	0.003	I
7	MDVR_HNE	0.011	I
8	OZUR_HNE	0.123	I
9	VRI_HNE	0.007	I

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

Maximum observed acceleration: DOPR_HNE 0.730

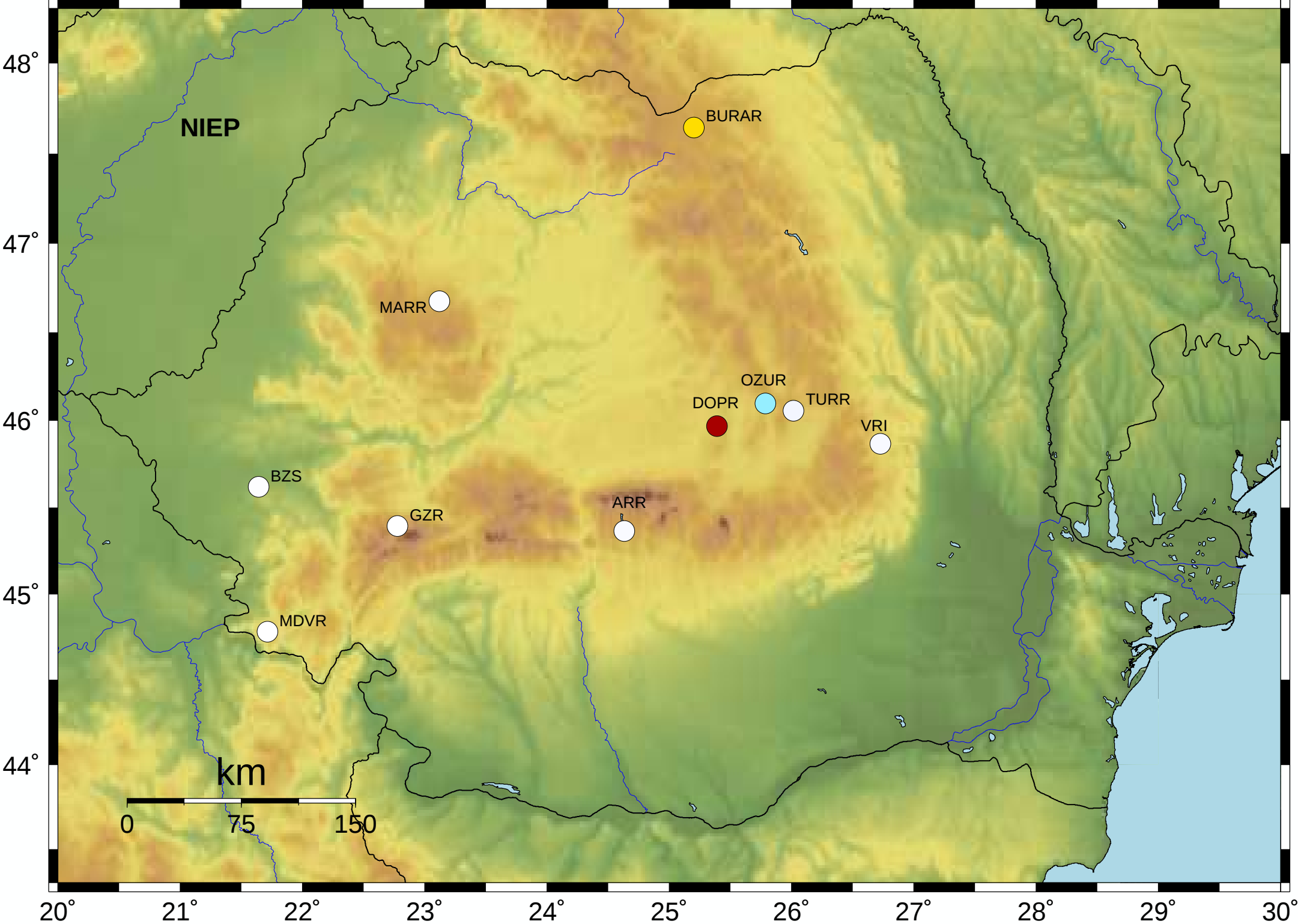
Wed Dec 11, 2019 09:39:15 GMT ML Mb 5.3 N38.51 E141.36 Depth: 50.0km ID:41911

Station	Dist.(km)	Acc.
DOPR	9583	0.730
OZUR	9542	0.123
MDVR	9966	0.011
VRI	9480	0.007
ARR	9685	0.006
MARR	9722	0.004
GZR	9836	0.003
BZS	9915	0.002
BURAR	9489	0.000

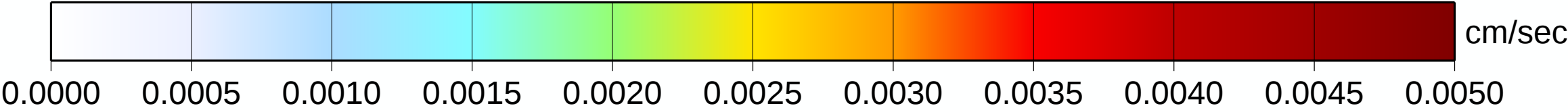


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: DOPR_HHE 0.004
Wed Dec 11, 2019 09:39:15 GMT ML Mb 5.3 N38.51 E141.36 Depth: 50.0km ID:41911



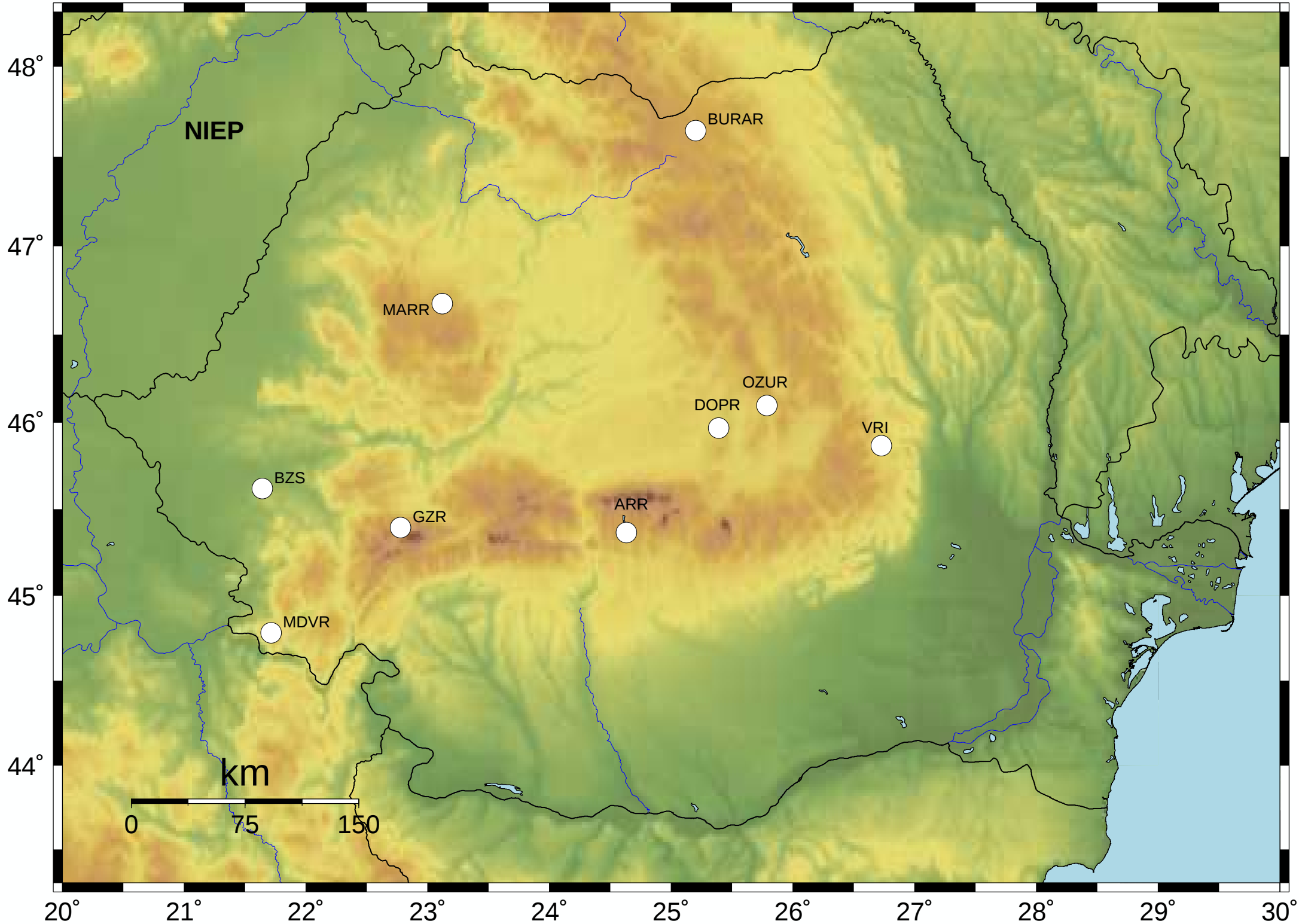
Station	Dist.(km)	Velocity
DOPR	9583	0.004
BURAR	9489	0.003
OZUR	9542	0.001
TARR	9526	0.000
VRI	9480	0.000
ARR	9685	0.000
MARR	9722	0.000
BZS	9915	0.000
BUR08	9489	0.000
GZR	9836	0.000



MSK macroseismic intensities map

Maximum MSK intensity: DOPR_HNE I

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Station	Dist.(km)	IMSK
VRI	9480	I
OZUR	9543	I
MDVR	9967	I
MARR	9722	I
GZR	9837	I
DOPR	9584	I
BZS	9915	I
ARR	9686	I

