

Antelope - associated stations measurements on atlas2 ronet database

TURKEY - evid 43020

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/02/02	00:57:45.733	40.714	28.162	50.0	3.7		43280
Sta	Chan	PGV	PGA				
* 1 BURAR	BHZ	0.003					
	BURAR	BHE	0.000				
	BURAR	BHN	0.000				
	BURAR	BHZ	-0.000				
	BURAR	BHE	0.000				
	BURAR	BHN	0.000				
* 2 MDVR	HHE	0.000					
	MDVR	HHZ	0.000				
	MDVR	HHN	-0.000				
	MDVR	HNZ	-0.001				
	MDVR	HNE	-0.002				
	MDVR	HNN	0.002				
* 3 VOIR	HHE	0.000					
	VOIR	HHZ	-0.000				
	VOIR	HHN	0.000				
	VOIR	HNZ	-0.002				
	VOIR	HNE	-0.001				
	VOIR	HNN	-0.002				
* 4 PLOR	HHE	-0.000					
	PLOR	HHZ	0.000				
	PLOR	HHN	-0.000				
	PLOR	HNZ	-0.002				
	PLOR	HNE	-0.002				
	PLOR	HNN	0.002				
* 5 COVR	HHE	-0.000					
	COVR	HHZ	-0.000				
	COVR	HHN	0.000				
	COVR	HNZ	-0.007				
	COVR	HNE	0.004				
	COVR	HNN	-0.005				
* 6 OZUR	HHE	-0.000					
	OZUR	HHZ	-0.000				
	OZUR	HHN	0.000				
	OZUR	HNZ	-0.004				
	OZUR	HNE	0.004				
	OZUR	HNN	-0.005				
* 7 BUR08	SHZ	-0.000					
* 8 HERR	HHE	-0.000					
	HERR	HHZ	-0.000				
	HERR	HHN	0.000				
	HERR	HNZ	0.018				
	HERR	HNE	-0.024				
	HERR	HNN	-0.021				
* 9 ELND	HHE	-0.001					
	ELND	HHZ	0.001				
	ELND	HHN	0.001				
	ELND	HNZ	0.008				
	ELND	HNE	-0.014				

	ELND	HNN		0.016
* 10	VLDR	HHE	0.000	
	VLDR	HHZ	0.000	
	VLDR	HHN	-0.000	
	VLDR	HNZ		-0.006
	VLDR	HNE		-0.006
	VLDR	HNN		0.003
* 11	TURR	HHE	0.000	
	TURR	HHZ	0.000	
	TURR	HHN	0.000	
* 12	DOPR	HHE	0.000	
	DOPR	HHZ	0.000	
	DOPR	HHN	0.000	
	DOPR	HNZ		0.007
	DOPR	HNE		0.017
	DOPR	HNN		0.011

* Associated RO stations: 12
Excluded stations:

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

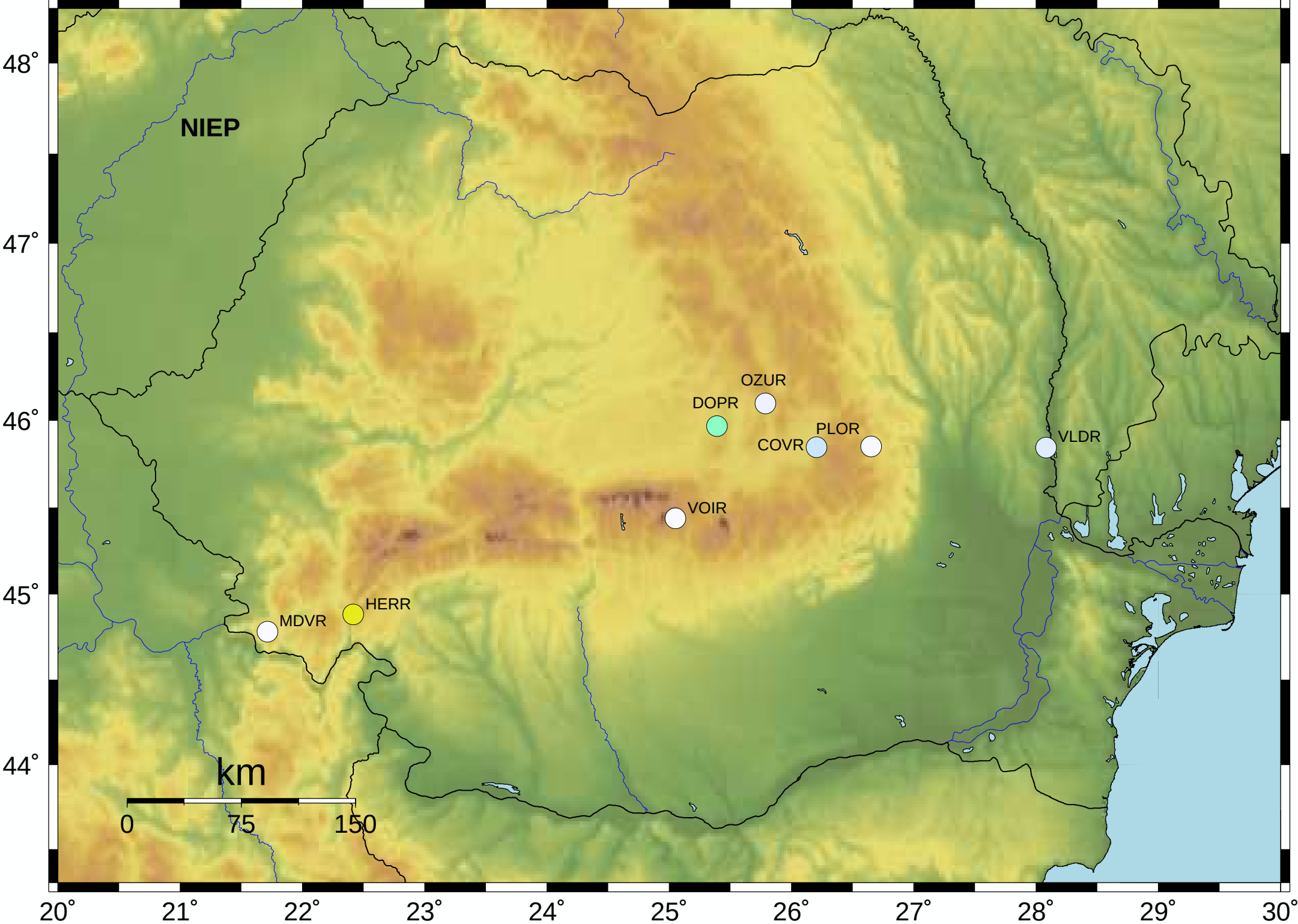
Velocity	BURAR_BHZ	0.003
Acceleration	HERR_HNE	0.024

Stations max. horizontal acceleration and MSK intensity

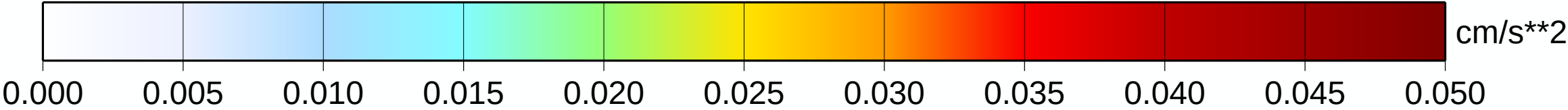
1	BURAR_HNE		
2	COVR_HNN	0.005	I
3	DOPR_HNE	0.017	I
4	ELND_HNN	0.016	I
5	HERR_HNE	0.024	I
6	MDVR_HNE	0.002	I
7	OZUR_HNN	0.005	I
8	PLOR_HNE	0.002	I
9	VLDR_HNE	0.006	I
10	VOIR_HNN	0.002	I

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

Maximum observed acceleration: HERR_HNE 0.024
Sun Feb 2, 2020 00:57:45 GMT ML 3.7 Mb N40.71 E28.16 Depth: 50.0km ID:43020

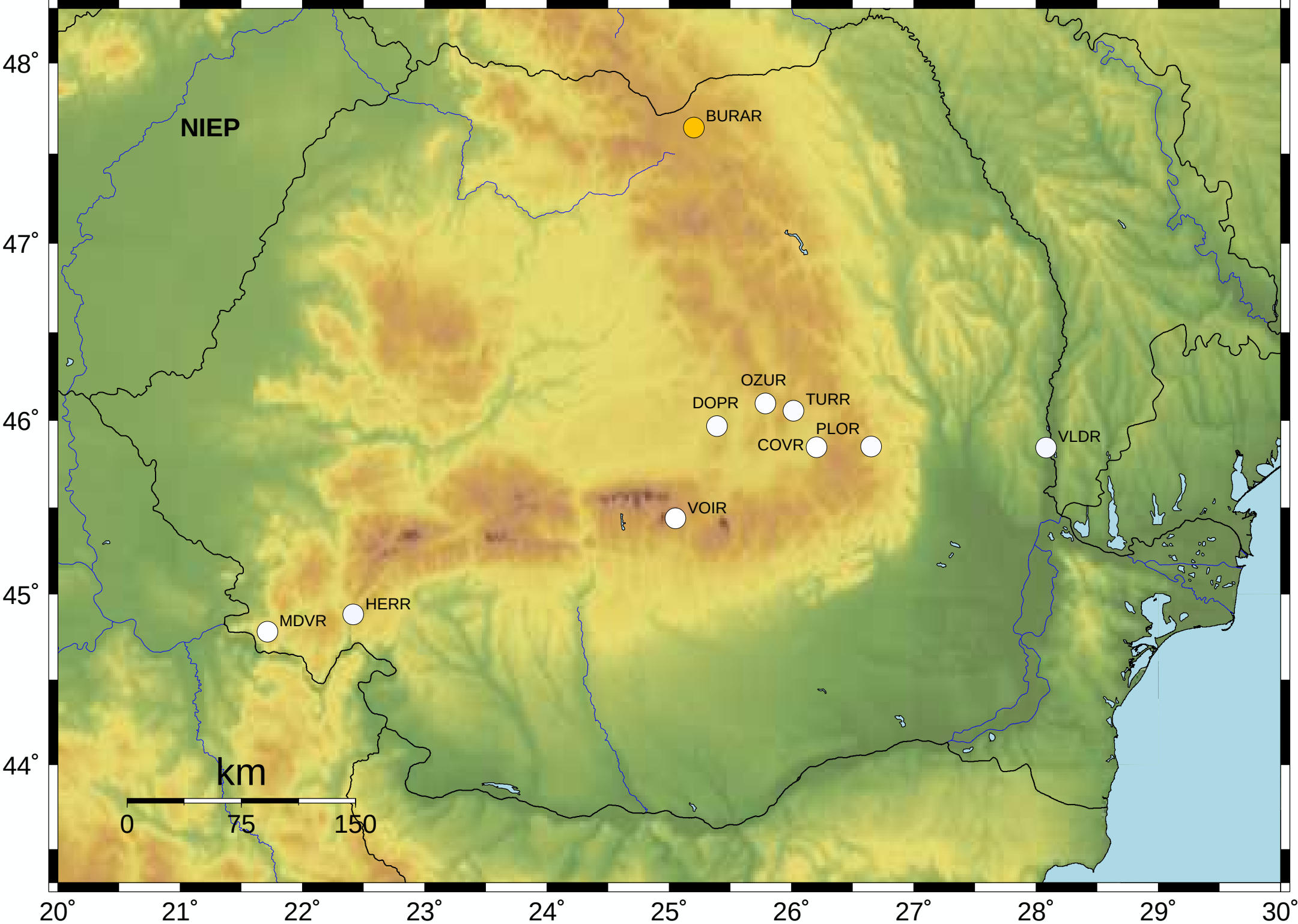


Station	Dist.(km)	Acc.
HERR	659	0.024
DOPR	625	0.017
COVR	592	0.007
VLDR	570	0.006
OZUR	628	0.005
PLOR	584	0.002
MDVR	694	0.002
VOIR	582	0.002
BURAR	805	0.000

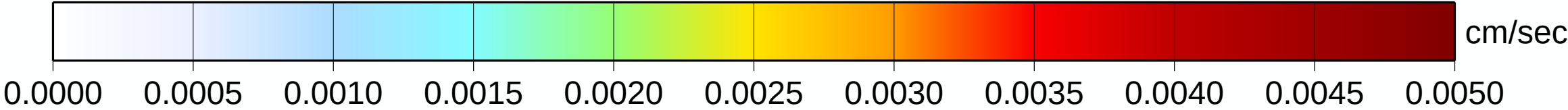


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR_BHZ 0.003
Sun Feb 2, 2020 00:57:45 GMT ML 3.7 Mb N40.71 E28.16 Depth: 50.0km ID:43020



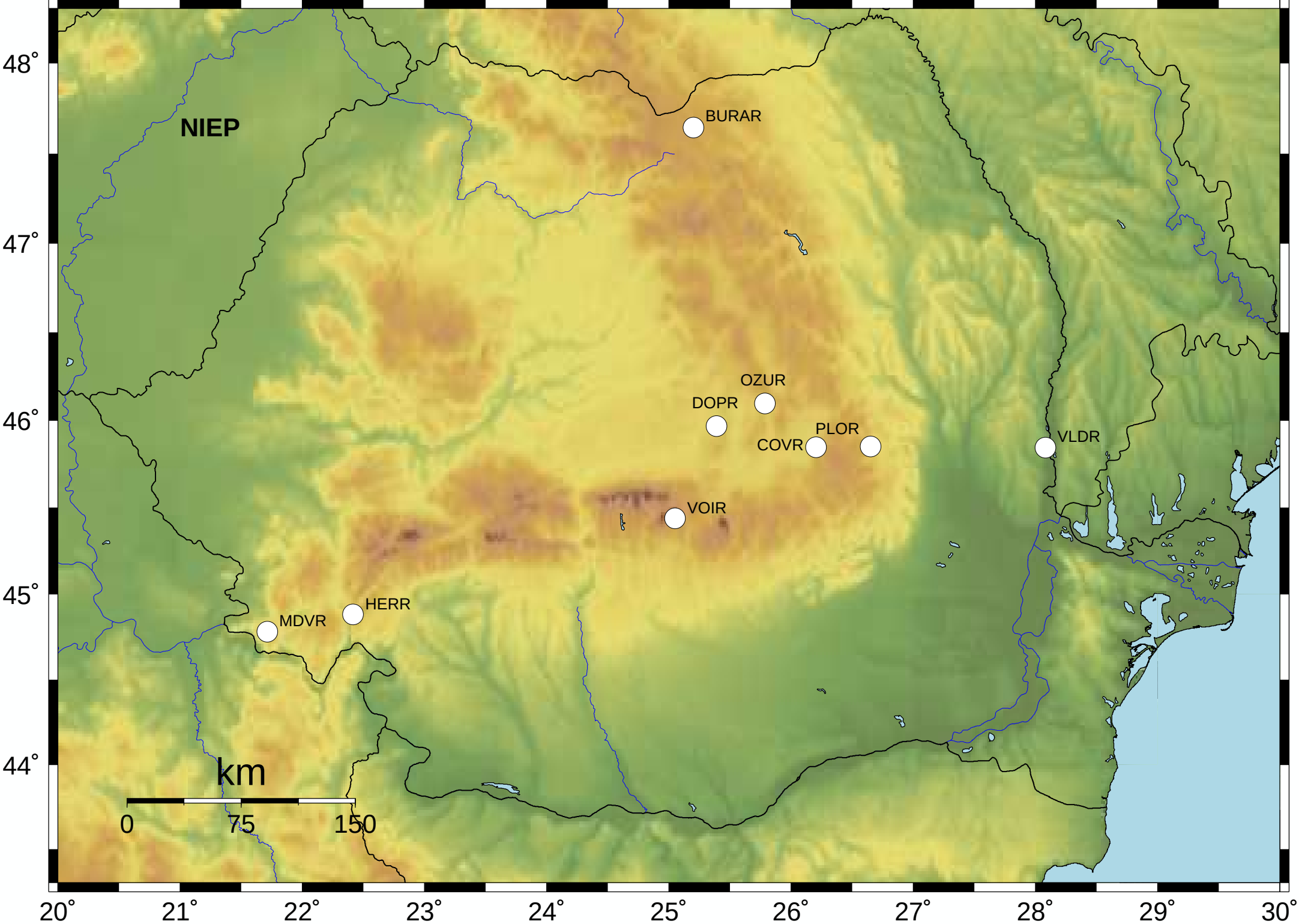
Station	Dist.(km)	Velocity
BURAR	805	0.003
HERR	659	0.000
VLDR	570	0.000
TURR	618	0.000
DOPR	625	0.000
PLOR	584	0.000
OZUR	628	0.000
MDVR	694	0.000
COVR	592	0.000
VOIR	582	0.000
BUR08	805	0.000



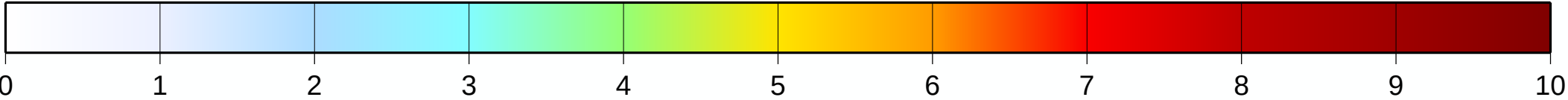
MSK macroseismic intensities map

Maximum MSK intensity: HERR_HNE I

Sun Feb 2, 2020 00:57:45 GMT ML 3.7 Mb N40.71 E28.16 Depth: 50.0km ID:43020



Station	Dist.(km)	IMSK
VOIR	583	I
VLDR	570	I
PLOR	584	I
OZUR	628	I
MDVR	694	I
HERR	659	I
ELND	311	I
DOPR	626	I
COVR	592	I



MSK intensity scale