

Antelope - associated stations measurements on atlas2 ronet database

GANSU, CHINA - evid 40809

Date	Time	Lat	Lon	Depth	ml	mb	orid
2019/10/27	17:56:47.336	35.642	104.067	15.0		5.65	41068
Sta	Chan	PGV	PGA				
* 1	TESR HHN	-0.000					
	TESR HNZ		-0.002				
	TESR HNE		0.002				
	TESR HNN		0.002				
* 2	ISR HHE	0.000					
	ISR HHN	-0.000					
* 3	HUMR HHE	0.058					
	HUMR HNE		0.006				
	HUMR HNN		0.013				
* 4	CFR HHE	0.000					
	CFR HHZ	-0.000					
	CFR HHN	-0.000					
	CFR HNZ		0.001				
	CFR HNE		-0.001				
	CFR HNN		-0.002				
* 5	BISRR HHE	-0.000					
	BISRR HHZ	-0.000					
	BISRR HHN	0.000					
	BISRR HNZ		0.004				
	BISRR HNN		0.000				
* 6	DOPR HHZ	0.000					
	DOPR HHN	0.000					
* 7	TURR HHE	0.000					
	TURR HHZ	-0.000					
	TURR HHN	0.000					
* 8	TNR HHE	0.001					
	TNR HHZ	-0.000					
	TNR HHN	-0.000					
	TNR HNZ		0.194				
	TNR HNE		0.110				
	TNR HNN		0.047				
* 9	ARR HHE	-0.000					
	ARR HHZ	-0.000					
	ARR HHN	-0.000					
	ARR HNZ		-0.003				
	ARR HNE		0.003				
	ARR HNN		-0.007				
* 10	TPGR HNN		0.003				
* 11	PLOR HHE	0.000					
	PLOR HHZ	-0.000					
	PLOR HHN	-0.000					
	PLOR HNZ		0.002				
	PLOR HNE		0.002				
	PLOR HNN		0.002				
* 12	HARR EHZ	0.000					
	HARR HNE		0.000				
	HARR HNN		-0.075				
* 13	LOT HHN	0.000					

	LOT	HNZ		0.000
*	14	OZUR	HHE	0.000
		OZUR	HHZ	-0.000
		OZUR	HHN	-0.000
		OZUR	HNZ	0.005
		OZUR	HNN	-0.003
*	15	MLR	HHE	0.000
		MLR	HNE	-0.001
		MLR	HNN	-0.001
*	16	VLDR	HHZ	-0.000
*	17	ELND	HHE	0.001
		ELND	HHZ	-0.001
		ELND	HHN	0.000
		ELND	HNZ	0.031
*	18	VRI	HHE	0.000
		VRI	HHZ	-0.000
		VRI	HHN	-0.000
		VRI	HNZ	0.002
		VRI	HNE	-0.006
		VRI	HNN	0.004
*	19	ICOR	HNZ	0.100
		ICOR	HNE	0.000

* Associated RO stations: 19
Excluded stations:

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

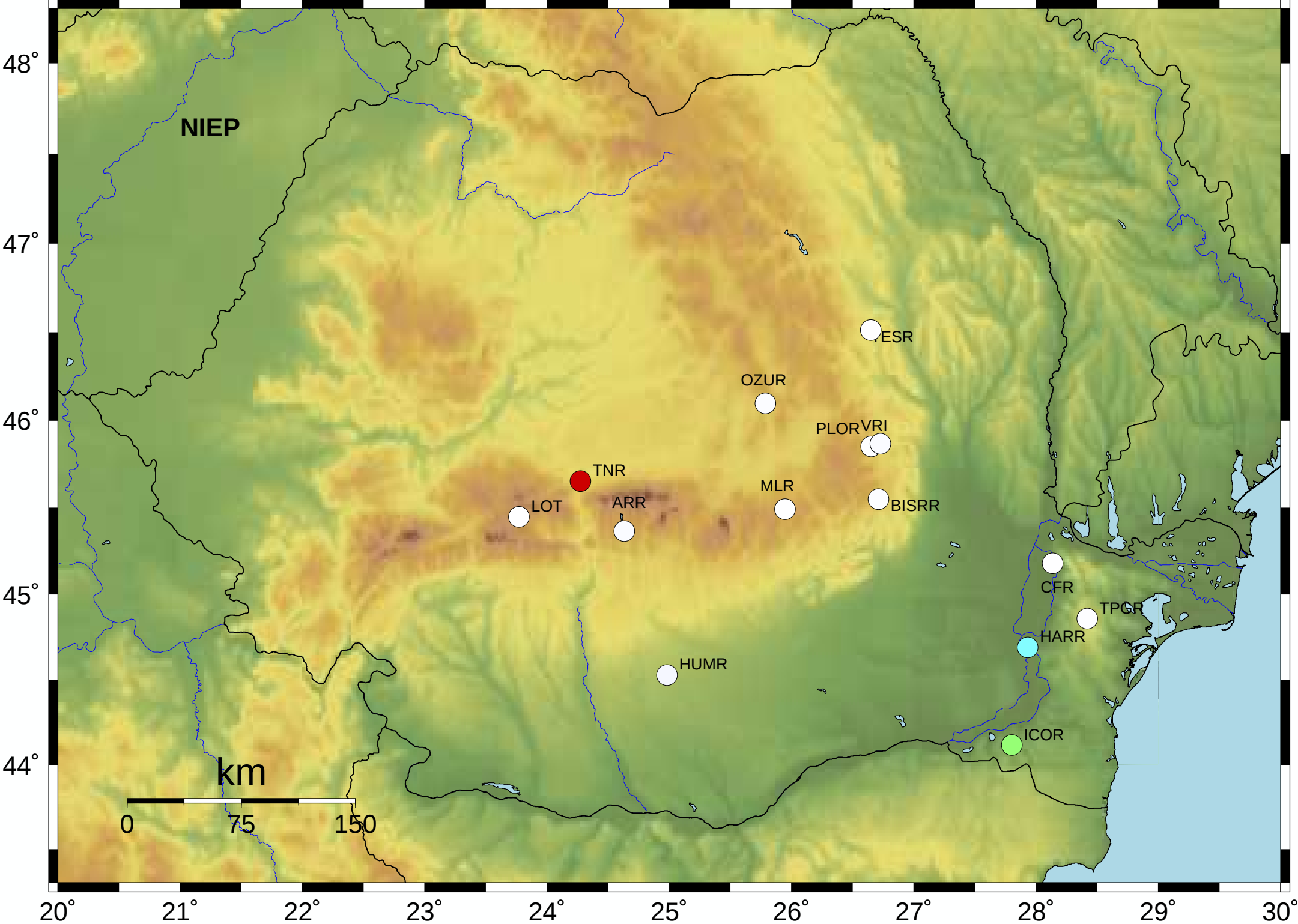
Velocity	HUMR_HHE	0.058
Acceleration	TNR_HNZ	0.194
Horizontal acc.	TNR_HNE	0.110

Stations max. horizontal acceleration and MSK intensity

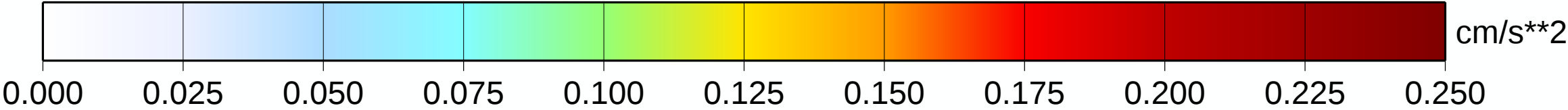
1	ARR_HNN	0.007	I
2	BISRR_HNE		
3	CFR_HNN	0.002	I
4	HARR_HNN	0.075	I
5	HUMR_HNN	0.013	I
6	ICOR_HNE	0.000	
7	MLR_HNE	0.001	I
8	OZUR_HNN	0.003	I
9	PLOR_HNE	0.002	I
10	TESR_HNE	0.002	I
11	TNR_HNE	0.110	I
12	TPGR_HNN	0.003	I
13	VRI_HNE	0.006	I

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

Maximum observed acceleration: TNR_HNZ 0.194
Sun Oct 27, 2019 17:56:47 GMT ML Mb 5.7 N35.64 E104.07 Depth: 15.0km ID:40809

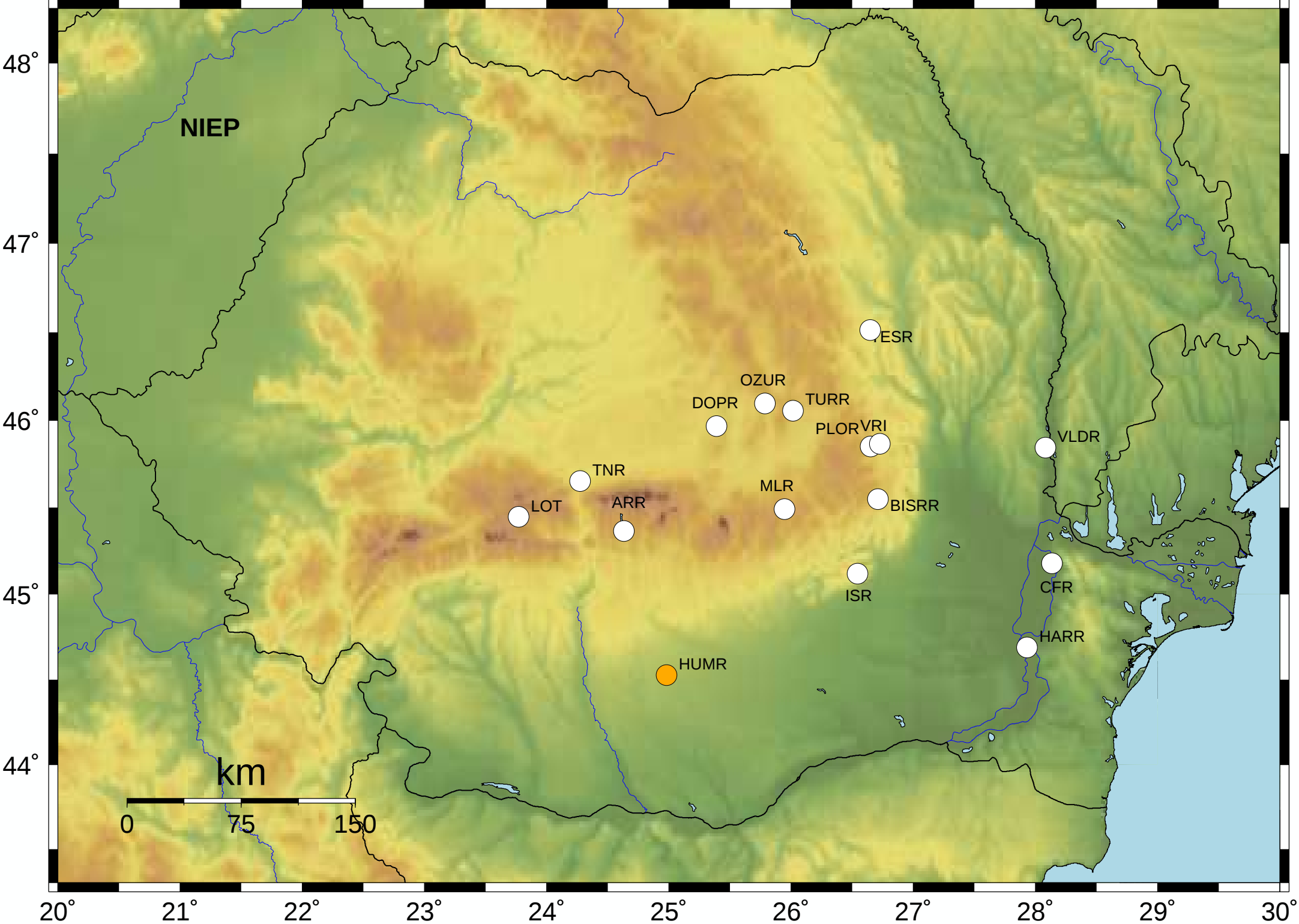


Station	Dist.(km)	Acc.
TNR	6823	0.194
ICOR	6575	0.100
HARR	6547	0.075
HUMR	6800	0.013
ARR	6802	0.007
VRI	6612	0.006
OZUR	6684	0.005
BISRR	6623	0.004
TPGR	6501	0.003
TESR	6600	0.002
PLOR	6619	0.002
CFR	6515	0.002
MLR	6689	0.001
LOT	6871	0.000



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HUMR_HHE 0.058
Sun Oct 27, 2019 17:56:47 GMT ML Mb 5.7 N35.64 E104.07 Depth: 15.0km ID:40809



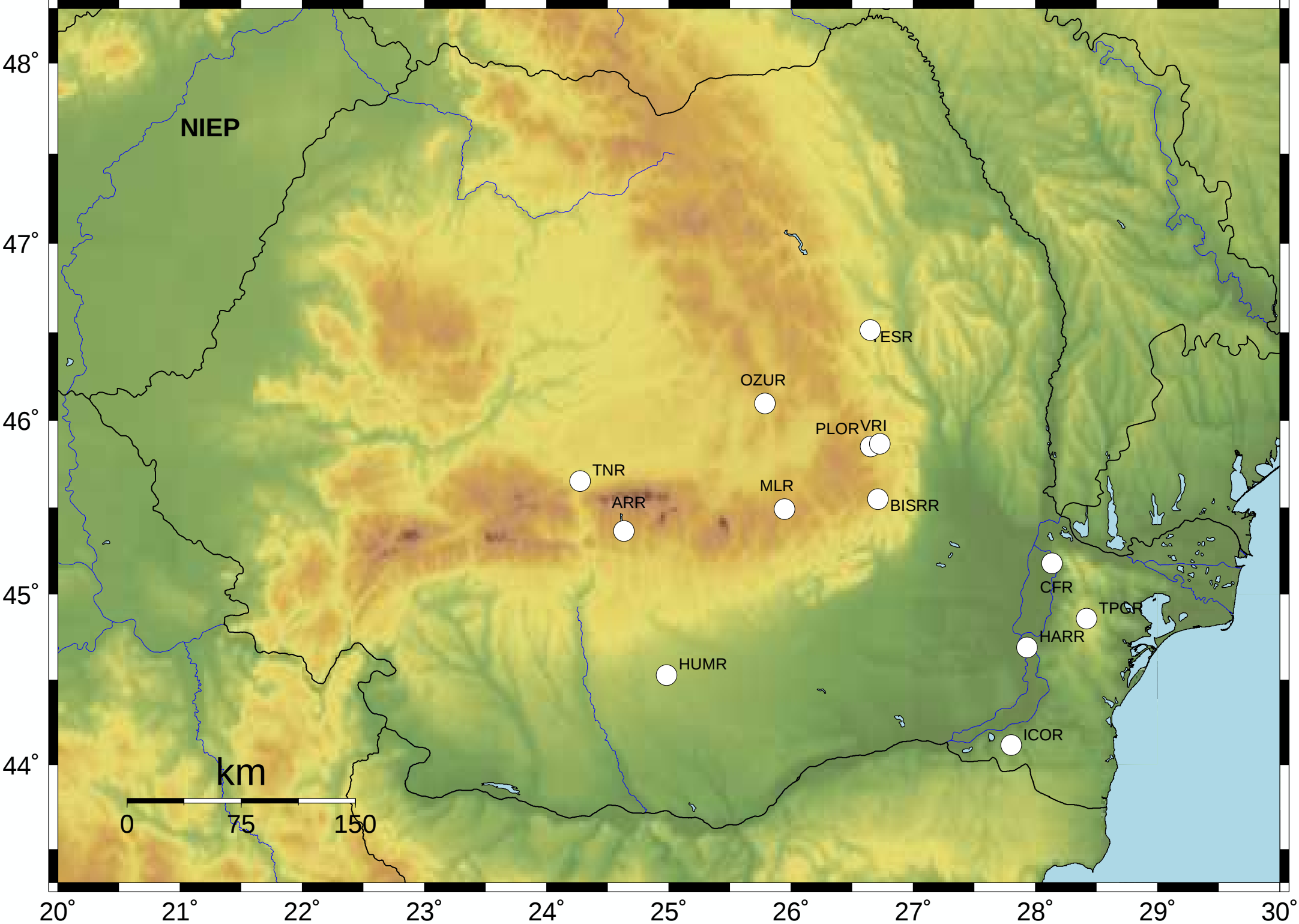
Station	Dist.(km)	Velocity
HUMR	6800	0.058
TNR	6823	0.001
BISRR	6623	0.000
ISR	6650	0.000
DOPR	6720	0.000
TURR	6666	0.000
OZUR	6684	0.000
VLDR	6501	0.000
VRI	6612	0.000
PLOR	6619	0.000
CFR	6515	0.000
ARR	6802	0.000
MLR	6689	0.000
TESR	6600	0.000
LOT	6871	0.000



MSK macroseismic intensities map

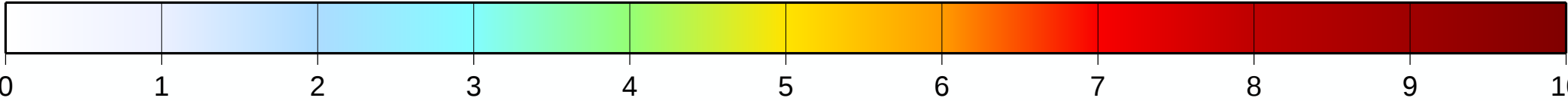
Maximum MSK intensity: TNR_HNE I

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Station	Dist.(km)	IMSK
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VRI	6613	I
TPGR	6501	I
TNR	6823	I
TESR	6601	I
PLOR	6620	I
OZUR	6684	I
MLR	6689	I
HUMR	6800	I
HARR	6547	I
CFR	6516	I
ARR	6802	I



MSK intensity scale