

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 15045719

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/10/15	04:57:19.795	47.760	23.107	4.1	4.0		29
Sta	Chan	PGV	PGA				
* 1	CPSR HHZ	-0.00					
	CPSR HHN	0.00					
	CPSR HHE	0.00					
* 2	CJR HHZ	-0.01					
	CJR HHN	-0.01					
	CJR HHE	0.01					
	CJR HNZ		0.11				
	CJR HNE		0.21				
	CJR HNN		0.21				
* 3	CVSR HHN	0.00					
	CVSR HHE	-0.00					
	CVSR HHZ	0.00					
	CVSR HNZ		-0.01				
	CVSR HNE		0.01				
	CVSR HNN		-0.02				
* 4	INXR EHE	-0.01					
	INXR EHN	-0.00					
	INXR EHZ	-0.00					
	INXR HNZ		0.02				
	INXR HNE		-0.05				
	INXR HNN		0.05				
* 5	TCAR EHE	0.00					
	TCAR EHN	0.00					
	TCAR EHZ	-0.00					
	TCAR HNN		0.03				
	TCAR HNE		0.03				
	TCAR HNZ		0.01				
* 6	CEIR HHZ	-0.04					
	CEIR HHE	0.07					
	CEIR HHN	-0.05					
	CEIR HNN		-0.62				
	CEIR HNE		1.57				
	CEIR HNZ		0.77				
* 7	GZR HHE	-0.00					
	GZR HHN	0.00					
	GZR HHZ	-0.00					
	GZR HNZ		-0.02				
	GZR HNN		0.03				
	GZR HNE		-0.07				
* 8	MESR HHE	0.02					
	MESR HHN	0.03					
	MESR HHZ	0.01					
	MESR HNZ		-0.27				
	MESR HNN		-0.54				
	MESR HNE		-0.49				
* 9	MDB HHE	-0.00					

		MDB	HHN	0.01	
		MDB	HHZ	0.00	
		MDB	HNZ		0.07
		MDB	HNE		0.08
		MDB	HNN		-0.10
*	10	ONER	HHZ	-0.00	
		ONER	HHN	-0.00	
		ONER	HHE	-0.00	
		ONER	HNZ		-0.03
		ONER	HNN		0.05
		ONER	HNE		-0.05
*	11	TESR	HHE	-0.00	
		TESR	HHN	0.00	
		TESR	HHZ	-0.00	
		TESR	HNN		-0.00
		TESR	HNE		0.00
		TESR	HNZ		0.00
*	12	BURAR	BHZ	-0.00	
		BURAR	BHN	0.00	
		BURAR	BHE	-0.00	
		BURAR	BHZ		-0.01
		BURAR	BHN		-0.01
		BURAR	BHE		0.01
*	13	PRAD1	HHE	-0.00	
		PRAD1	HHN	0.00	
		PRAD1	HHZ	0.00	
*	14	GRHR	HHE	-0.00	
		GRHR	HHN	0.01	
		GRHR	HHZ	-0.00	
		GRHR	HNE		0.02
		GRHR	HNN		-0.02
		GRHR	HNZ		0.03
*	15	MLR	HHE	-0.00	
		MLR	HHN	0.00	
		MLR	HHZ	0.00	
		MLR	HNE		-0.00
		MLR	HNN		-0.00
		MLR	HNZ		0.00
*	16	BORR	HHZ	0.00	
		BORR	HHN	0.01	
		BORR	HHE	0.00	
		BORR	HNZ		0.07
		BORR	HNE		-0.09
		BORR	HNN		0.09
*	17	HERR	HHN	0.00	
		HERR	HHE	-0.00	
		HERR	HHZ	-0.00	
		HERR	HNE		0.05
		HERR	HNN		-0.07
		HERR	HNZ		-0.03
*	18	LOT	HHZ	-0.00	
		LOT	HHN	0.00	
		LOT	HHE	-0.00	
		LOT	HNZ		0.03
		LOT	HNE		0.03
		LOT	HNN		0.02
*	19	DEV	HHZ	0.00	
		DEV	HHN	-0.00	
		DEV	HHE	-0.00	
		DEV	HNN		0.10
		DEV	HNE		-0.08
		DEV	HNZ		0.05
*	20	BMR	HHZ	0.03	
		BMR	HHE	0.07	

	BMR	HHN	-0.07	
	BMR	HNN		2.43
	BMR	HNE		-2.51
	BMR	HNZ		1.04
*	21	VOIR	HHN	-0.00
		VOIR	HHE	-0.00
		VOIR	HHZ	-0.00
		VOIR	HNN	0.00
		VOIR	HNE	-0.01
		VOIR	HNZ	0.00
*	22	DOPR	HHN	-0.00
		DOPR	HHE	-0.00
		DOPR	HHZ	-0.00
		DOPR	HNZ	0.01
		DOPR	HNN	0.01
		DOPR	HNE	0.01
*	23	DRGR	HHN	-0.00
		DRGR	HHE	0.00
		DRGR	HHZ	-0.00
		DRGR	HNE	-1.97
		DRGR	HNN	-1.28
		DRGR	HNZ	1.82
*	24	DBRR	EHZ	-0.00
		DBRR	EHE	0.00
		DBRR	EHN	-0.01
		DBRR	HNZ	0.03
		DBRR	HNN	-0.02
		DBRR	HNE	0.02
*	25	ARR	HHE	0.00
		ARR	HHN	-0.00
		ARR	HHZ	0.00
		ARR	HNN	0.01
		ARR	HNE	-0.01
		ARR	HNZ	0.01

* Associated RO stations: 25

Excluded stations:

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

Velocity	BMR_HHN	0.07
Acceleration	BMR_HNE	2.51

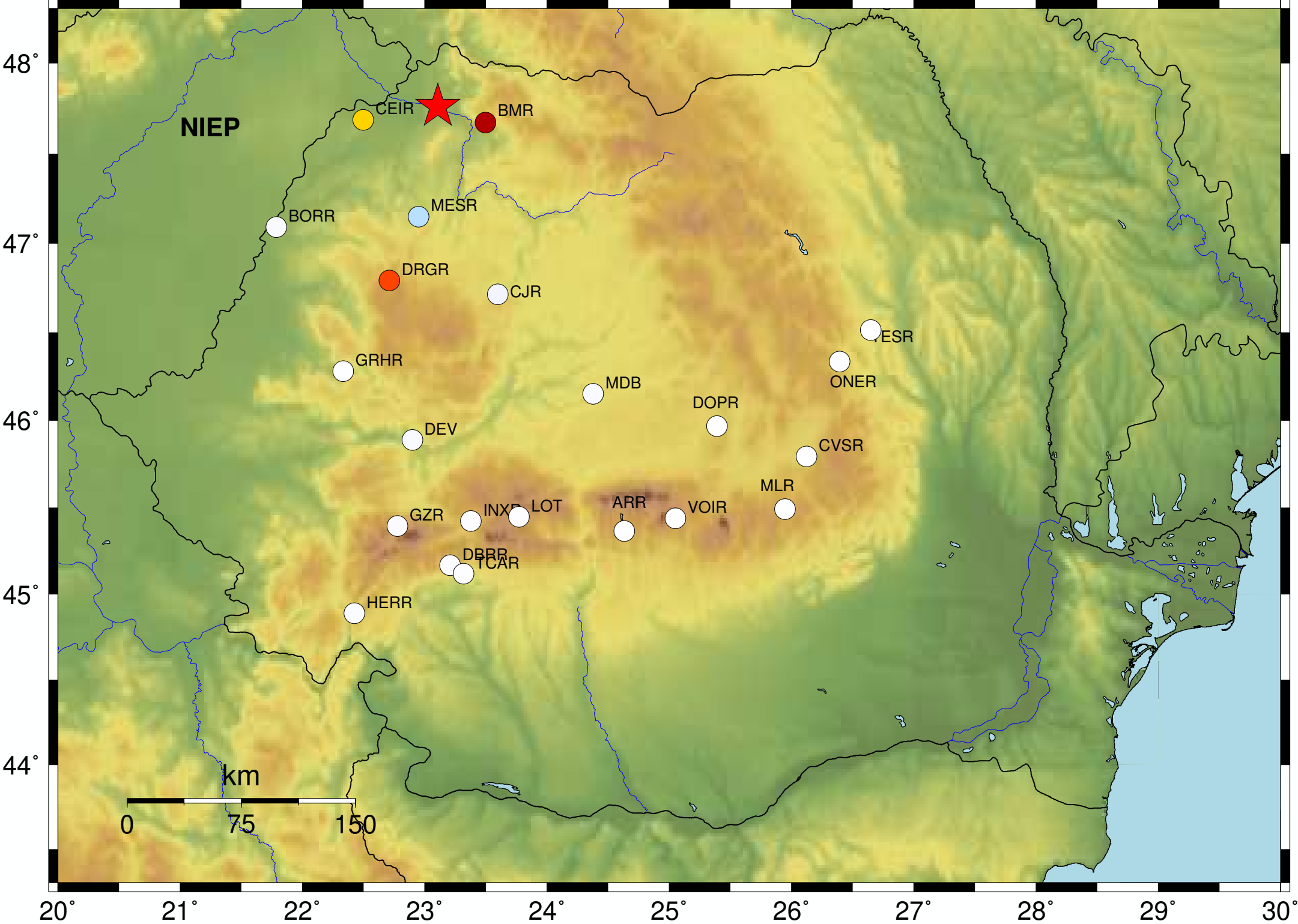
Stations max. horizontal acceleration and MSK intensity

1	ARR_HNE	0.01	-
2	BMR_HNE	2.51	II-III
3	BORR_HNE	0.09	-
4	BURAR_HNE		
5	CEIR_HNE	1.57	II
6	CJR_HNE	0.21	I
7	CVSR_HNN	0.02	-
8	DBRR_HNE	0.02	-
9	DEV_HNN	0.10	-
10	DOPR_HNE	0.01	-
11	DRGR_HNE	1.97	II-III
12	GRHR_HNE	0.02	-
13	GZR_HNE	0.07	-
14	HERR_HNN	0.07	-
15	INXR_HNE	0.05	-
16	LOT_HNE	0.03	-

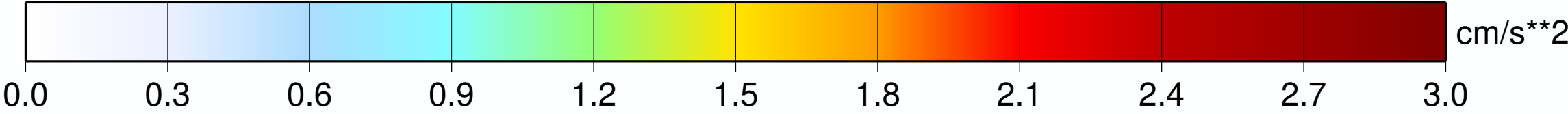
17	MDB_HNN	0.10	-
18	MESR_HNN	0.54	I
19	MLR_HNE	0.00	
20	ONER_HNE	0.05	-
21	TCAR_HNE	0.03	-
22	TESR_HNE	0.00	
23	VOIR_HNE	0.01	-

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

Maximum observed acceleration: BMR_HNE 2.51
Wed Oct 15, 2025 04:57:19 GMT ML 4.0 Mb N47.76 E23.11 Depth: 4.1km ID:15045719

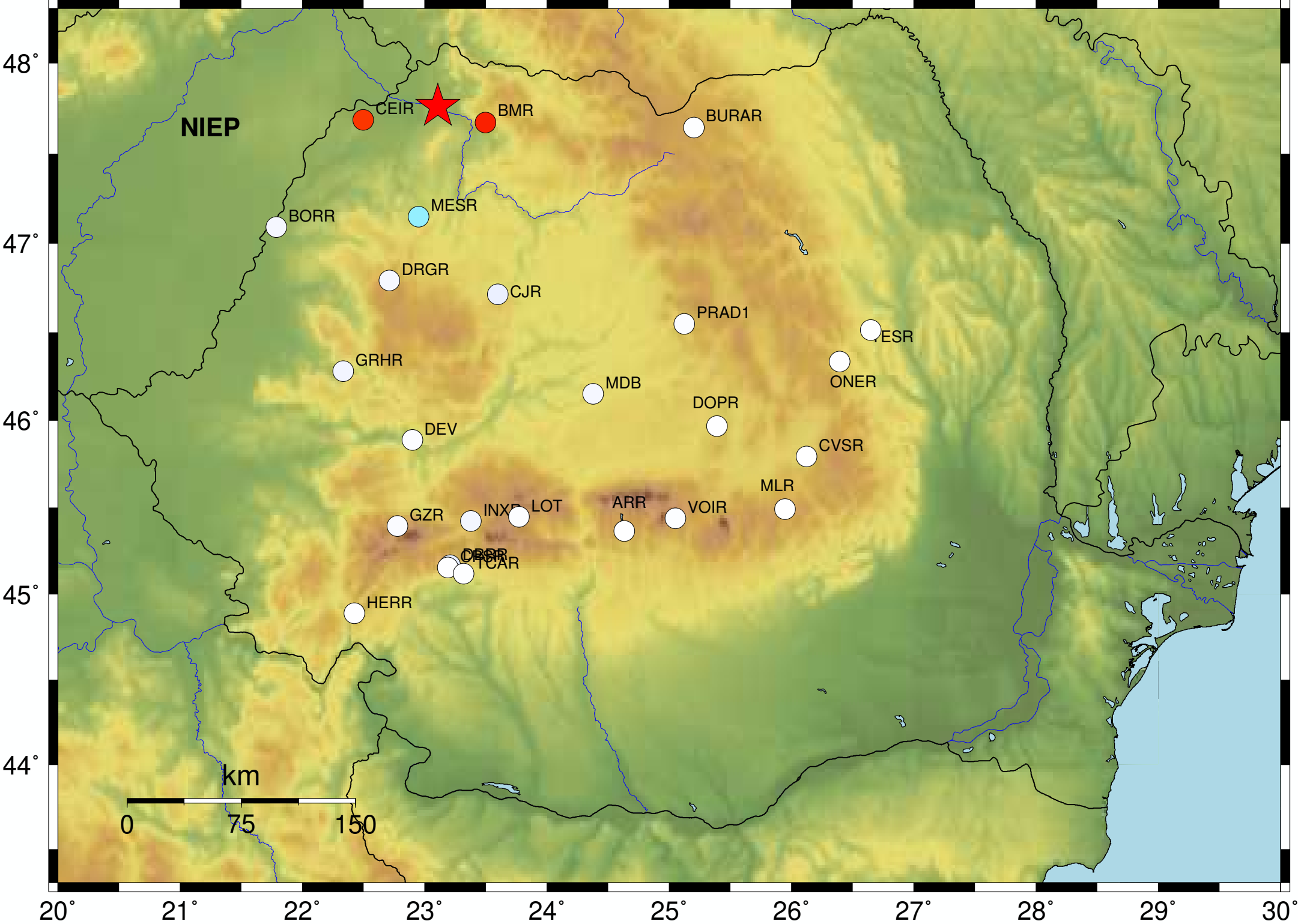


Station	Dist.(km)	Acc.
BMR	30	2.51
DRGR	111	1.97
CEIR	46	1.57
MESR	68	0.54
CJR	122	0.21
MDB	203	0.10
DEV	208	0.10
BORR	124	0.09
GZR	264	0.07
HERR	323	0.07
INXR	260	0.05
ONER	295	0.05
TCAR	294	0.03
DBRR	288	0.03
LOT	262	0.03
GRHR	174	0.03
CVSR	317	0.02
DOPR	264	0.01
ARR	290	0.01
BURAR	157	0.01
VOIR	297	0.01
TESR	301	0.00
MLR	332	0.00

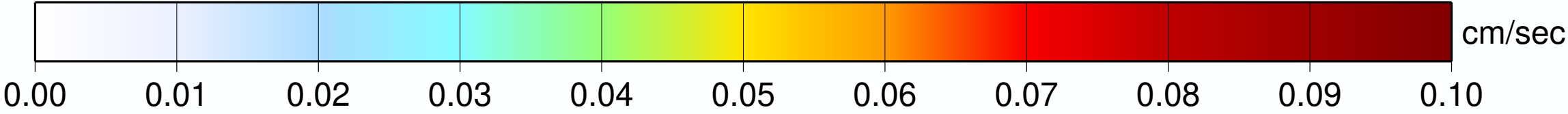


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: CEIR_HHE 0.07
Wed Oct 15, 2025 04:57:19 GMT ML 4.0 Mb N47.76 E23.11 Depth: 4.1km ID:15045719



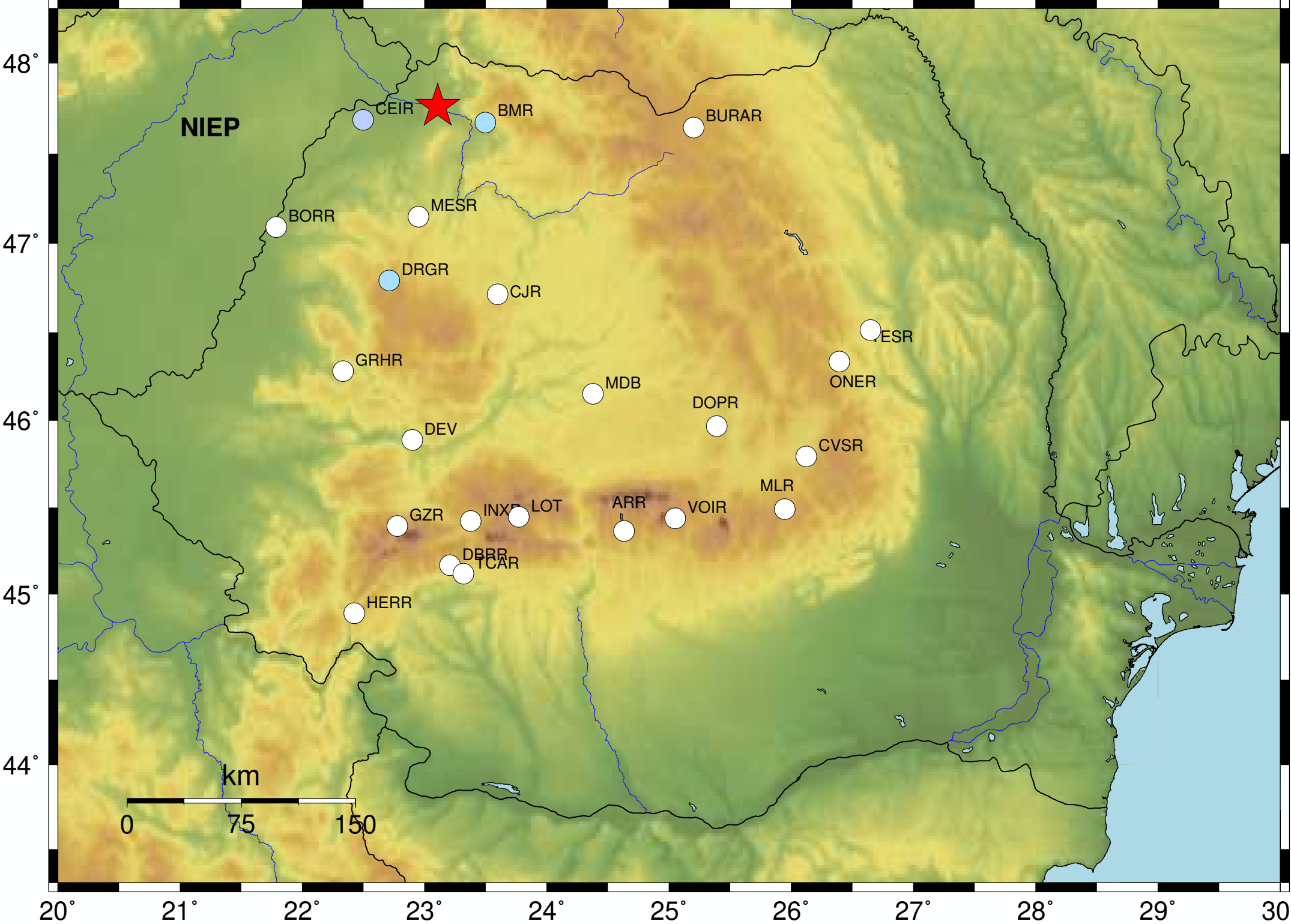
Station	Dist.(km)	Velocity
BMR	30	0.07
CEIR	46	0.07
MESR	68	0.03
DBRR	288	0.01
CJR	122	0.01
GRHR	174	0.01
INXR	260	0.01
MDB	203	0.01
BORR	124	0.01
DRGR	111	0.00
GZR	264	0.00
PRAD1	203	0.00
DEV	208	0.00
VOIR	297	0.00
LOT	262	0.00
BURAR	157	0.00
TCAR	294	0.00
CPSR	289	0.00
HERR	323	0.00
ONER	295	0.00
DOPR	264	0.00
ARR	290	0.00
TESR	301	0.00
CVSR	317	0.00
MLR	332	0.00



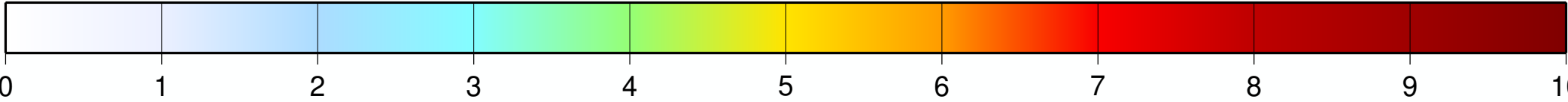
Stations intensities

Maximum intensity: BMR

Wed Oct 15, 2025 04:57:19 GMT ML 4.0 Mb N47.76 E23.11 Depth: 4.1km ID:15045719



Station	Dist.(km)	Imsk
DRGR	112	II-III
BMR	31	II-III
CEIR	46	II
MESR	69	I
CJR	122	I
VOIR	298	-
TCAR	294	-
ONER	295	-
MDB	203	-
LOT	262	-
INXR	261	-
HERR	325	-
GZR	265	-
GRHR	175	-
DOPR	264	-
DEV	209	-
DBRR	289	-
CVSR	317	-
BORR	124	-
ARR	291	-



MSK intensity scale