

Antelope - associated stations measurements on atlas2 ronet database

SOUTH OF FIJI ISLANDS - evid 64087

Date	Time	Lat	Lon	Depth	ml	mb	orid
2023/04/28	03:13:45.587	-24.804	178.940	600.0		6.48	64355
Sta	Chan	PGV	PGA				
* 1 BURAR	BHZ	0.01					
	BURAR	BHE	0.00				
	BURAR	BHN	0.00				
	BURAR	BHZ	0.01				
	BURAR	BHE	-0.00				
	BURAR	BHN	-0.00				
* 2 VOIR	HHE	-0.00					
	VOIR	HHZ	0.00				
	VOIR	HHN	-0.00				
	VOIR	HNZ	-0.01				
	VOIR	HNE	-0.01				
	VOIR	HNN	-0.01				
* 3 CFR	HHE	-0.00					
	CFR	HHZ	-0.00				
	CFR	HHN	0.00				
	CFR	HNZ	0.02				
	CFR	HNE	0.02				
	CFR	HNN	0.03				
* 4 GZR	HHE	0.00					
	GZR	HHZ	-0.00				
	GZR	HHN	-0.00				
	GZR	HNZ	0.00				
	GZR	HNE	-0.01				
	GZR	HNN	0.01				
* 5 MARR	HHE	0.00					
	MARR	HHZ	0.00				
	MARR	HHN	-0.00				
	MARR	HNZ	0.01				
	MARR	HNE	0.01				
	MARR	HNN	0.01				
* 6 BLKB	HHE	0.00					
	BLKB	HHZ	0.00				
	BLKB	HHN	0.00				
	BLKB	HNZ	0.01				
	BLKB	HNE	0.01				
	BLKB	HNN	0.01				
* 7 BIZ	HHE	0.00					
	BIZ	HHZ	0.00				
	BIZ	HHN	-0.00				
* 8 HERR	HHE	-0.00					
	HERR	HHZ	0.00				
	HERR	HHN	0.00				
	HERR	HNZ	0.02				
	HERR	HNE	0.03				
	HERR	HNN	-0.02				
* 9 LOZB	HHE	-0.00					
	LOZB	HHZ	0.00				
	LOZB	HHN	0.00				

		LOZB	HNZ		0.01
		LOZB	HNE		-0.02
		LOZB	HNN		0.01
*	10	DRGR	HHE	-0.00	
		DRGR	HHZ	0.00	
		DRGR	HHN	0.00	
		DRGR	HNZ		0.01
		DRGR	HNE		-0.00
		DRGR	HNN		0.00
*	11	DOPR	HHE	0.00	
		DOPR	HHZ	-0.00	
		DOPR	HHN	0.00	
		DOPR	HNZ		0.01
		DOPR	HNE		0.01
		DOPR	HNN		0.01
*	12	CJR	HHE	-0.00	
		CJR	HHZ	0.00	
		CJR	HHN	0.00	
		CJR	HNZ		0.03
		CJR	HNE		-0.01
		CJR	HNN		0.01
*	13	MDVR	HHE	-0.00	
		MDVR	HHZ	0.00	
		MDVR	HHN	-0.00	
		MDVR	HNZ		0.00
		MDVR	HNE		0.00
		MDVR	HNN		-0.00
*	14	BZS	HHE	-0.00	
		BZS	HHZ	-0.00	
		BZS	HHN	0.00	
		BZS	HNZ		0.00
		BZS	HNE		0.00
		BZS	HNN		0.00
*	15	MESR	HHE	-0.00	
		MESR	HHZ	0.00	
		MESR	HHN	0.00	
		MESR	HNZ		0.02
		MESR	HNE		0.03
		MESR	HNN		0.02
*	16	PLVB	HHE	0.00	
		PLVB	HHZ	-0.00	
		PLVB	HHN	-0.00	
		PLVB	HNZ		0.01
		PLVB	HNE		0.01
		PLVB	HNN		0.01
*	17	TLCR	HHE	0.00	
		TLCR	HHZ	-0.00	
		TLCR	HHN	-0.00	
		TLCR	HNZ		0.02
		TLCR	HNE		-0.01
		TLCR	HNN		0.01
*	18	ARR	HHE	-0.00	
		ARR	HHZ	0.00	
		ARR	HHN	0.00	
		ARR	HNZ		0.01
		ARR	HNE		0.01
		ARR	HNN		0.01
*	19	TPGR	HHE	0.00	
		TPGR	HHZ	0.00	
		TPGR	HHN	-0.00	
		TPGR	HNZ		0.01
		TPGR	HNE		-0.00
		TPGR	HNN		0.01
*	20	HARR	HHE	0.00	
		HARR	HHZ	-0.00	
		HARR	HHN	-0.00	
		HARR	HNZ		0.03

		HARR	HNE		0.03
		HARR	HNN		-0.06
*	21	LOT	HHE	-0.00	
		LOT	HHZ	0.00	
		LOT	HHN	-0.00	
		LOT	HNZ		0.00
		LOT	HNE		0.00
		LOT	HNN		-0.00
*	22	DEV	HHE	-0.00	
		DEV	HHZ	0.00	
		DEV	HHN	-0.00	
		DEV	HNZ		0.01
		DEV	HNE		-0.01
		DEV	HNN		0.01
*	23	ONER	HHE	-0.00	
		ONER	HHZ	0.00	
		ONER	HHN	-0.00	
		ONER	HNZ		-0.04
		ONER	HNE		-0.06
		ONER	HNN		0.05
*	24	MLR	HHE	-0.00	
		MLR	HHZ	0.00	
		MLR	HHN	0.00	
		MLR	HNZ		0.01
		MLR	HNE		0.00
		MLR	HNN		-0.00
*	25	ELND	HHE	-0.00	
		ELND	HHZ	-0.00	
		ELND	HHN	-0.00	
		ELND	HNZ		-0.04
		ELND	HNE		-0.05
		ELND	HNN		0.05
*	26	BMR	HHE	-0.00	
		BMR	HHZ	-0.00	
		BMR	HHN	-0.00	
		BMR	HNZ		0.01
		BMR	HNE		0.01
		BMR	HNN		-0.01

* Associated RO stations: 26
Excluded stations:

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

Velocity	BURAR_BHZ	0.01
Acceleration	HARR_HNN	0.06

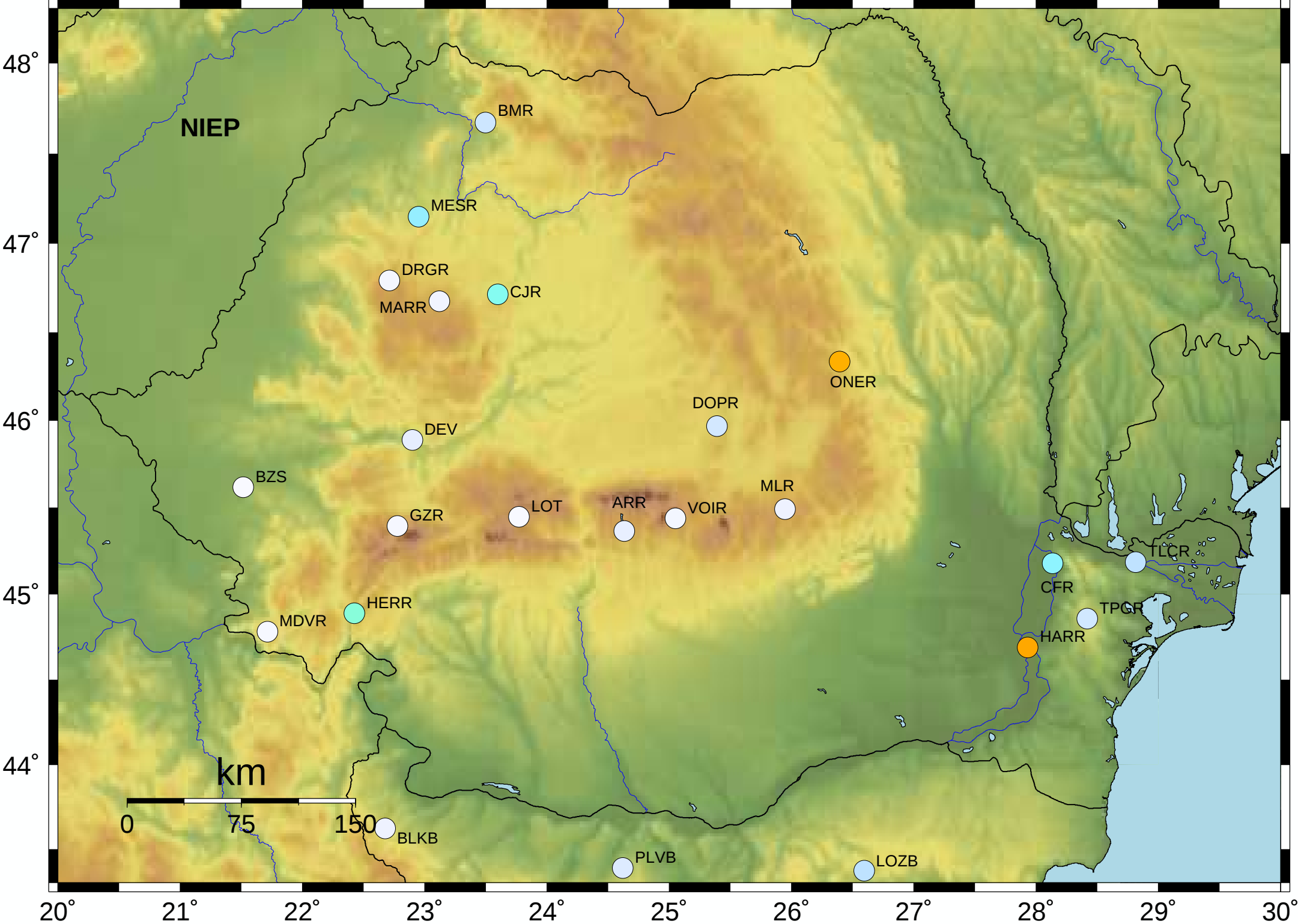
Stations max. horizontal acceleration and MSK intensity

1	ARR_HNE	0.01	-
2	BLKB_HNE	0.01	-
3	BMR_HNE	0.01	-
4	BURAR_HNE		
5	BZS_HNE	0.00	
6	CFR_HNN	0.03	-
7	CJR_HNE	0.01	-
8	DEV_HNE	0.01	-
9	DOPR_HNE	0.01	-
10	DRGR_HNE	0.00	
11	ELND_HNE	0.05	-
12	GZR_HNE	0.01	-
13	HARR_HNN	0.06	-
14	HERR_HNE	0.03	-

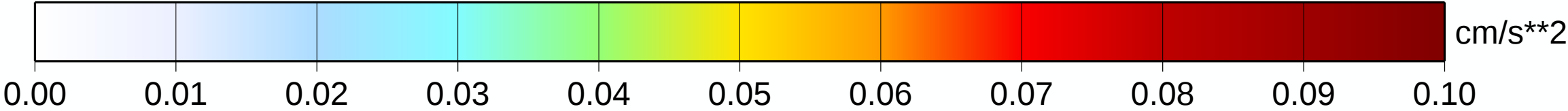
15	LOT_HNE	0.00	
16	LOZB_HNE	0.02	-
17	MARR_HNE	0.01	-
18	MDVR_HNE	0.00	
19	MESR_HNE	0.03	-
20	MLR_HNE	0.00	
21	ONER_HNE	0.06	-
22	PLVB_HNE	0.01	-
23	TLCR_HNE	0.01	-
24	TPGR_HNN	0.01	-
25	VOIR_HNE	0.01	-

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

Maximum observed acceleration: HARR_HNN 0.06
Fri Apr 28, 2023 03:13:45 GMT ML Mb 6.5 S24.80 E178.94 Depth: 600.0km ID:64087

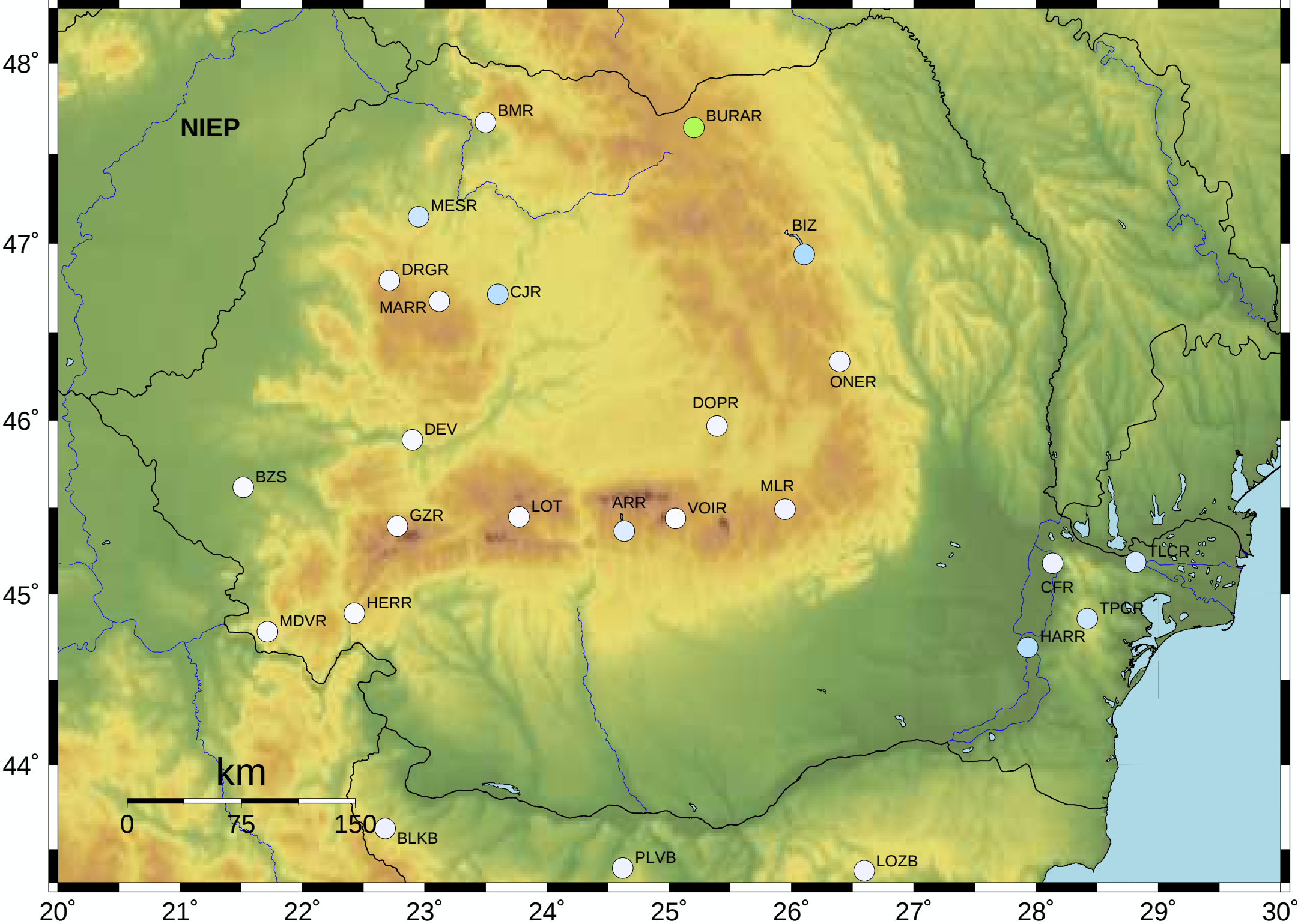


Station	Dist.(km)	Acc.
HARR	18255	0.06
ONER	18446	0.06
HERR	18807	0.03
CJR	18730	0.03
CFR	18246	0.03
MESR	18803	0.03
LOZB	18356	0.02
TLCR	18179	0.02
BMR	18760	0.01
TPGR	18210	0.01
DOPR	18537	0.01
PLVB	18554	0.01
DEV	18782	0.01
ARR	18598	0.01
BURAR	18592	0.01
BLKB	18754	0.01
MLR	18471	0.01
MARR	18777	0.01
VOIR	18558	0.01
DRGR	18819	0.01
GZR	18783	0.01
MDVR	18876	0.00
LOT	18686	0.00
BZS	18913	0.00

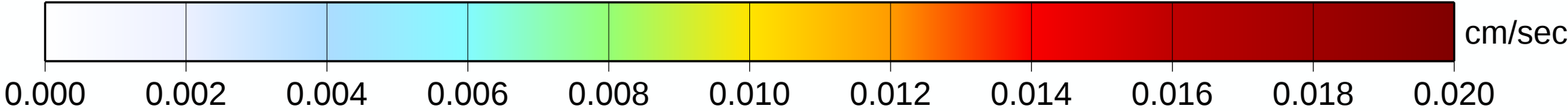


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: BURAR_BHZ 0.01
Fri Apr 28, 2023 03:13:45 GMT ML Mb 6.5 S24.80 E178.94 Depth: 600.0km ID:64087



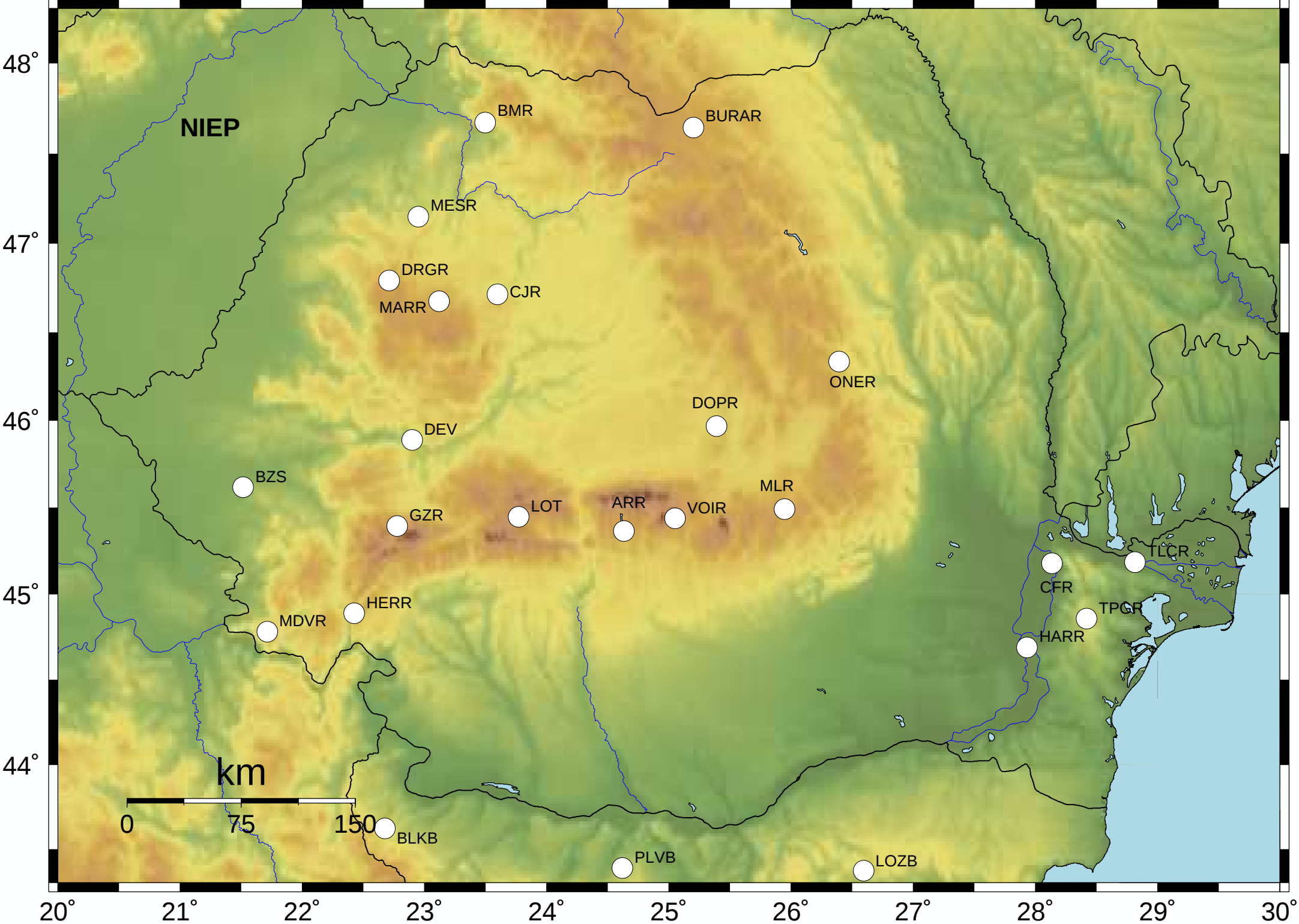
Station	Dist.(km)	Velocity
BURAR	18592	0.01
BIZ	18488	0.00
HARR	18255	0.00
CJR	18730	0.00
TPGR	18210	0.00
MESR	18803	0.00
TLCR	18179	0.00
ARR	18598	0.00
BLKB	18754	0.00
CFR	18246	0.00
PLVB	18554	0.00
BMR	18760	0.00
LOZB	18356	0.00
MLR	18471	0.00
ONER	18446	0.00
DOPR	18537	0.00
DRGR	18819	0.00
MARR	18777	0.00
MDVR	18876	0.00
DEV	18782	0.00
BZS	18913	0.00
HERR	18807	0.00
GZR	18783	0.00
LOT	18686	0.00
VOIR	18558	0.00



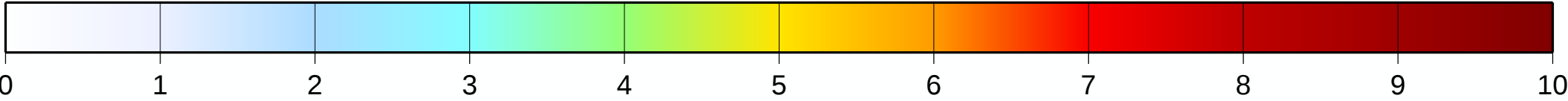
Stations intensities

Maximum intensity: HARR

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Station	Dist.(km)	Imsk
VOIR	18559	-
TPGR	18211	-
TLCR	18180	-
PLVB	18554	-
ONER	18446	-
MESR	18804	-
MARR	18777	-
LOZB	18357	-
HERR	18808	-
HARR	18255	-
GZR	18784	-
ELND	18418	-
DOPR	18537	-
DEV	18782	-
CJR	18730	-
CFR	18247	-
BMR	18761	-
BLKB	18755	-
ARR	18598	-



MSK intensity scale