

Antelope - associated stations measurements on atlas2 ronet database

VANUATU ISLANDS - evid 56880

Date	Time	Lat	Lon	Depth	ml	mb	orid
2022/04/09	20:52:47.545	-15.725	165.648	50.0		6.29	57146
Sta	Chan	PGV	PGA				
1 NEHR	HNZ		0.02				
NEHR	HNE		0.01				
NEHR	HNN		0.01				
* 2 BURAR	BHZ	0.00					
BURAR	BHE	0.00					
BURAR	BHN	0.00					
BURAR	BHZ		-0.00				
BURAR	BHE		-0.00				
BURAR	BHN		0.00				
3 ISR	HNZ		-0.01				
ISR	HNE		-0.04				
ISR	HNN		-0.03				
4 GRER	HNZ		-0.01				
GRER	HNE		-0.01				
GRER	HNN		0.01				
5 LEHL	HNZ		0.02				
LEHL	HNE		0.06				
LEHL	HNN		0.03				
6 ODBI	HNZ		-0.03				
ODBI	HNE		-0.04				
ODBI	HNN		-0.03				
7 PANC	HNZ		0.01				
PANC	HNE		-0.02				
PANC	HNN		0.02				
8 TLBR	HNZ		0.01				
TLBR	HNE		-0.00				
TLBR	HNN		0.01				
9 SCTR	HNZ		0.01				
SCTR	HNE		0.00				
SCTR	HNN		0.00				
10 DOPR	HNZ		0.00				
DOPR	HNE		0.00				
DOPR	HNN		0.00				
* 11 CJR	HHE	-0.00					
CJR	HHZ	-0.00					
CJR	HHN	-0.00					
CJR	HNZ		0.01				
CJR	HNE		-0.02				
CJR	HNN		-0.02				
* 12 PLVB	HHE	0.00					
PLVB	HHZ	-0.00					
PLVB	HHN	0.00					
PLVB	HNZ		0.00				
PLVB	HNE		0.00				
PLVB	HNN		0.00				
13 TPGR	HNZ		0.00				
14 SULR	HNZ		-0.00				
SULR	HNE		-0.01				

	SULR	HNN		-0.01
15	MLR	HNZ		0.00
	MLR	HNE		0.00
	MLR	HNN		-0.00
*	16	ELND	HHE	-0.00
	17	VLDR	HNZ	0.01
		VLDR	HNE	0.01
		VLDR	HNN	-0.00
	18	VRI	HNZ	0.00
		VRI	HNE	-0.01
		VRI	HNN	0.01
*	19	SURR	HHE	0.00
		SURR	HHZ	-0.00
		SURR	HHN	0.00
		SURR	HNZ	0.01
		SURR	HNE	0.02
		SURR	HNN	0.02
	20	TESR	HNZ	-0.00
		TESR	HNE	-0.00
		TESR	HNN	0.00
*	21	CBBR	HNZ	0.01
		CBBR	HNE	0.01
		CBBR	HNN	-0.01
*	22	VOIR	HHE	0.00
		VOIR	HNZ	-0.01
*	23	CFR	HHE	-0.00
		CFR	HHZ	-0.00
		CFR	HHN	-0.00
		CFR	HNZ	0.00
		CFR	HNE	0.00
		CFR	HNN	0.00
*	24	GZR	HHN	0.00
		GZR	HNZ	-0.00
		GZR	HNE	0.00
		GZR	HNN	0.00
	25	BISRR	HNZ	0.00
		BISRR	HNE	0.00
		BISRR	HNN	0.00
*	26	BIZ	HHE	0.00
		BIZ	HHZ	-0.00
		BIZ	HHN	0.00
*	27	BUR08	SHZ	-0.00
	28	DRGR	HNZ	0.00
		DRGR	HNE	-0.00
		DRGR	HNN	-0.00
	29	BIR	HNZ	0.18
		BIR	HNE	-0.31
		BIR	HNN	0.32
*	30	MDVR	HHE	-0.00
		MDVR	HHZ	-0.00
		MDVR	HHN	0.00
		MDVR	HNZ	-0.00
		MDVR	HNE	0.00
		MDVR	HNN	0.00
*	31	SIRR	HHE	0.00
		SIRR	HHZ	-0.00
		SIRR	HHN	0.00
		SIRR	HNZ	0.00
		SIRR	HNE	0.00
		SIRR	HNN	0.01
*	32	TLCR	HHE	-0.00
		TLCR	HHZ	-0.00
		TLCR	HHN	-0.00
		TLCR	HNZ	0.00
		TLCR	HNE	0.00
		TLCR	HNN	-0.00
	33	TATR	HNZ	0.00

	TATR	HNE	-0.00
	TATR	HNN	0.01
34	PLOR	HNZ	-0.04
	PLOR	HNE	-0.04
	PLOR	HNN	0.04
35	LOT	HNE	-0.00
	LOT	HNN	-0.00
36	TUDR	HNZ	0.01
	TUDR	HNE	0.01
	TUDR	HNN	0.00
37	SCHL	HNZ	0.02
	SCHL	HNE	0.01
	SCHL	HNN	0.01

* Associated RO stations: 14
Excluded stations:

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

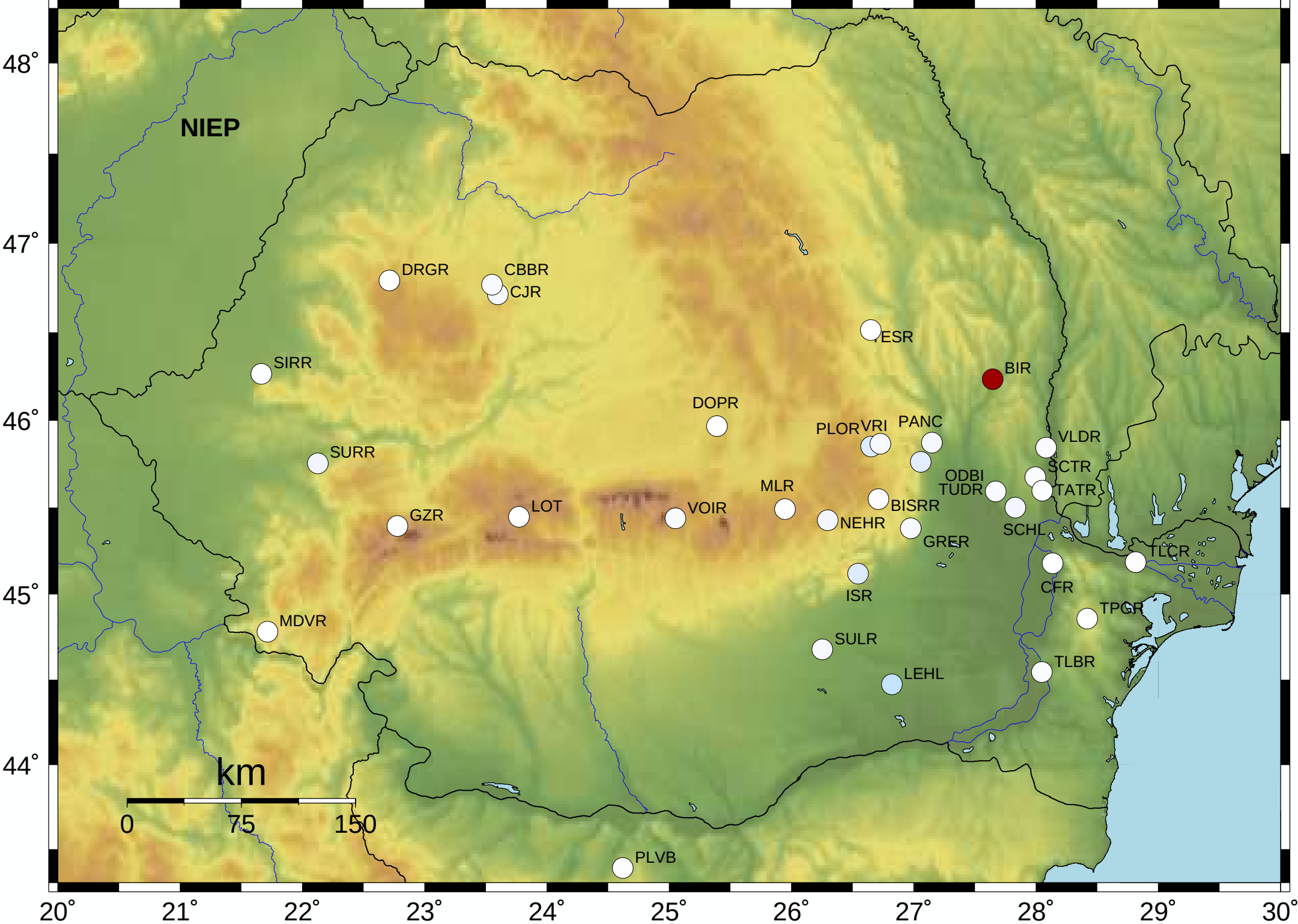
Velocity	CJR_HNN	0.00
Acceleration	BIR_HNN	0.32

Stations max. horizontal acceleration and MSK intensity

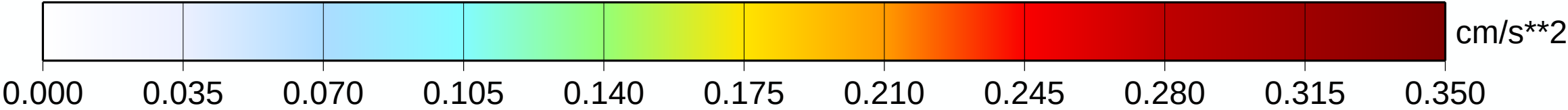
1	BIR_HNN	0.32	I
2	BISRR_HNE	0.00	
3	BURAR_HNE		
4	CBBR_HNE	0.01	-
5	CFR_HNE	0.00	
6	CJR_HNE	0.02	-
7	DOPR_HNE	0.00	
8	DRGR_HNE	0.00	
9	GRER_HNE	0.01	-
10	GZR_HNE	0.00	
11	ISR_HNE	0.04	-
12	LEHL_HNE	0.06	-
13	LOT_HNE	0.00	
14	MDVR_HNE	0.00	
15	MLR_HNE	0.00	
16	NEHR_HNE	0.01	-
17	ODBI_HNE	0.04	-
18	PANC_HNE	0.02	-
19	PLOR_HNE	0.04	-
20	PLVB_HNE	0.00	
21	SCHL_HNE	0.01	-
22	SCTR_HNE	0.00	
23	SIRR_HNN	0.01	-
24	SULR_HNE	0.01	-
25	SURR_HNE	0.02	-
26	TATR_HNN	0.01	-
27	TESR_HNE	0.00	
28	TLBR_HNN	0.01	-
29	TLCR_HNE	0.00	
30	TUDR_HNE	0.01	-
31	VLDR_HNE	0.01	-
32	VRI_HNE	0.01	-

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

Maximum observed acceleration: BIR_HNN 0.32
Sat Apr 9, 2022 20:52:47 GMT ML Mb 6.3 S15.73 E165.65 Depth: 50.0km ID:56880

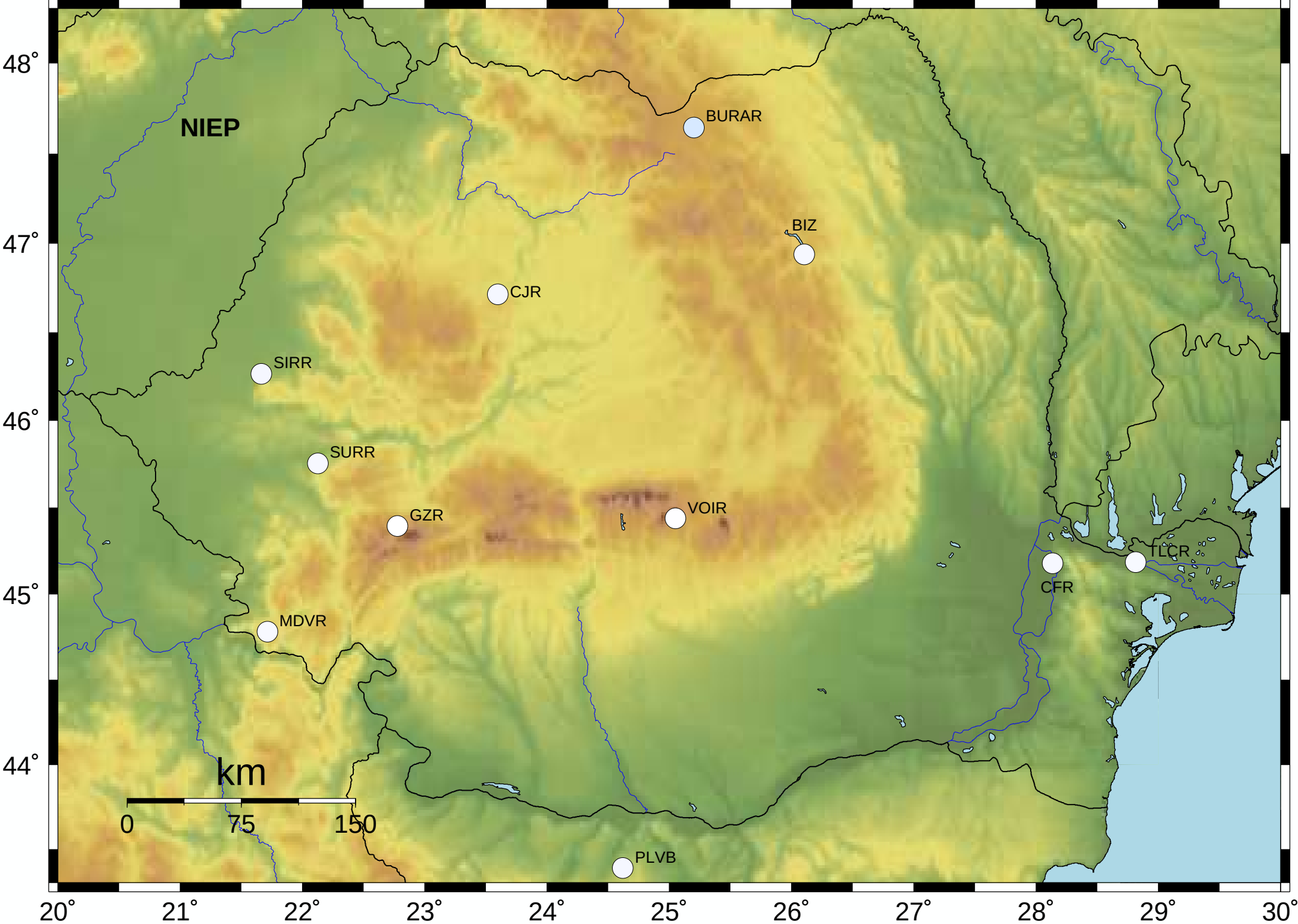


Station	Dist.(km)	Acc.
BIR	16329	0.32
LEHL	16383	0.06
PLOR	16420	0.04
ISR	16420	0.04
ODBI	16379	0.04
SURR	16862	0.02
SCHL	16299	0.02
NEHR	16448	0.02
PANC	16372	0.02
CJR	16729	0.02
VRI	16413	0.01
GRER	16381	0.01
SULR	16442	0.01
TUDR	16317	0.01
CBBR	16735	0.01
VOIR	16571	0.01
VLDR	16280	0.01
TLBR	16264	0.01
SCTR	16286	0.01
SIRR	16913	0.01
TATR	16280	0.01
PLVB	16584	0.00
BISRR	16410	0.00
TLCR	16198	0.00
GZR	16793	0.00
MDVR	16890	0.00
TPGR	16232	0.00
DOPR	16545	0.00
CFR	16265	0.00
TESR	16430	0.00
DRGR	16817	0.00
LOT	16696	0.00
MLR	16484	0.00
BURAR	16586	0.00

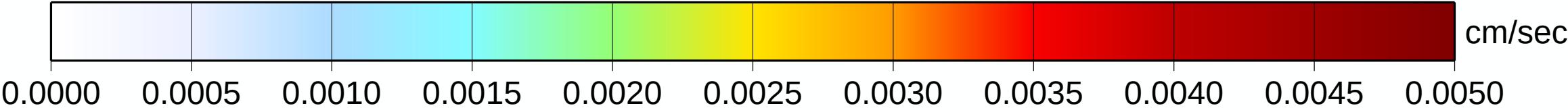


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: MDVR_HHZ 0.00
Sat Apr 9, 2022 20:52:47 GMT ML Mb 6.3 S15.73 E165.65 Depth: 50.0km ID:56880



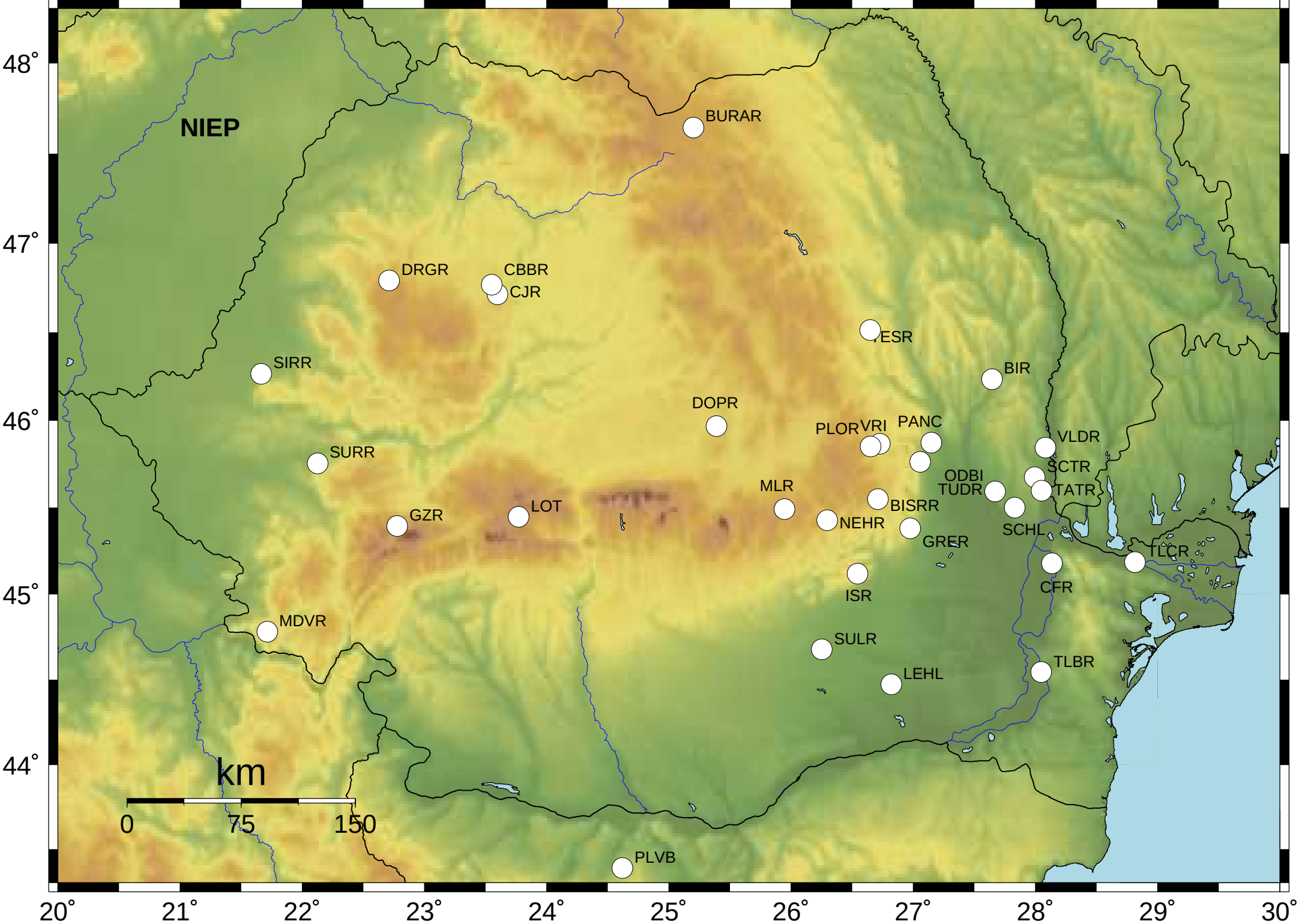
Station	Dist.(km)	Velocity
BURAR	16586	0.00
CJR	16729	0.00
PLVB	16584	0.00
SIRR	16913	0.00
BIZ	16489	0.00
CFR	16265	0.00
SURR	16862	0.00
TLCR	16198	0.00
MDVR	16890	0.00
VOIR	16571	0.00
BUR08	16586	0.00
GZR	16793	0.00



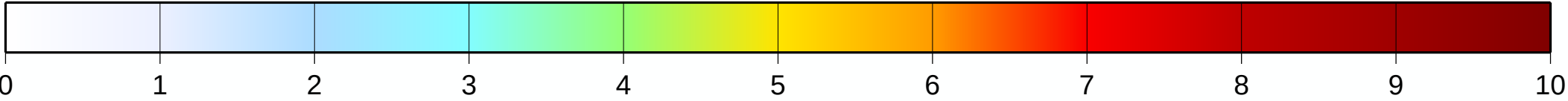
Stations intensities

Maximum intensity: BIR

Sat Apr 9, 2022 20:52:47 GMT ML Mb 6.3 S15.73 E165.65 Depth: 50.0km ID:56880



Station	Dist.(km)	Imsk
BIR	16329	I
VRI	16413	-
VLDR	16281	-
TUDR	16317	-
TLBR	16264	-
TATR	16280	-
SURR	16862	-
SULR	16442	-
SIRR	16913	-
SCHL	16300	-
PLOR	16420	-
PANC	16372	-
ODBI	16380	-
NEHR	16449	-
LEHL	16384	-
ISR	16420	-
GRER	16382	-
CJR	16730	-
CBBR	16735	-



MSK intensity scale