

Antelope - associated stations measurements on atlas2 ronet database

ROMANIA - evid 29223936

Date	Time	Lat	Lon	Depth	ml	mb	orid
2020/10/29	22:39:36.660	46.790	27.431	7.8	4.2		154
Sta	Chan	PGV	PGA				
* 1 NEHR	HHE	0.00					
	NEHR	HHZ	0.00				
	NEHR	HHN	-0.00				
* 2 ISR	HHE	-0.00					
	ISR	HHZ	0.00				
	ISR	HHN	-0.00				
* 3 IASR	HHE	0.05					
	IASR	HHZ	-0.02				
	IASR	HHN	-0.04				
* 4 TSMN	EHE	-0.00					
	TSMN	EHN	-0.00				
	TSMN	EHZ	0.00				
* 5 NEGRR	HHE	0.01					
	NEGRR	HHZ	0.00				
	NEGRR	HHN	-0.01				
* 6 JURR	EHZ	-0.00					
* 7 BLKB	HHE	-0.00					
	BLKB	HHZ	0.00				
	BLKB	HHN	-0.00				
* 8 GIUM	EHE	-0.01					
	GIUM	EHN	-0.01				
	GIUM	EHZ	0.01				
* 9 ODBI	HHE	0.02					
	ODBI	HHZ	-0.01				
	ODBI	HHN	-0.02				
* 10 ARCR	HHE	0.00					
	ARCR	HHZ	0.00				
	ARCR	HHN	0.00				
* 11 SGRR	EHE	-0.00					
	SGRR	EHN	-0.00				
	SGRR	EHZ	0.00				
* 12 TLBR	HHE	-0.01					
	TLBR	HHZ	-0.01				
	TLBR	HHN	0.01				
* 13 SCTR	HHE	0.01					
	SCTR	HHZ	0.01				
	SCTR	HHN	0.01				
* 14 TNR	HHE	0.00					
	TNR	HHZ	0.00				
	TNR	HHN	0.00				
* 15 CJR	HHE	0.00					
	CJR	HHZ	-0.00				
	CJR	HHN	-0.00				
* 16 GHRR	HHE	-0.02					
	GHRR	HHZ	0.01				
	GHRR	HHN	0.02				
* 17 STFAR	HHE	-0.00					
	STFAR	HHZ	0.00				

		STFAR	HHN	-0.00
*	18	MESR	HHE	0.00
		MESR	HHZ	0.00
		MESR	HHN	0.00
*	19	PLVB	HHE	0.00
		PLVB	HHZ	0.00
		PLVB	HHN	0.00
*	20	TIRR	HHE	-0.00
		TIRR	HHZ	0.00
		TIRR	HHN	0.00
*	21	TPGR	HHE	0.00
		TPGR	HHZ	-0.00
		TPGR	HHN	-0.00
*	22	MLR	HHE	-0.00
		MLR	HHZ	-0.00
		MLR	HHN	-0.00
*	23	ELND	HHE	0.00
		ELND	HHZ	0.00
		ELND	HHN	0.00
*	24	BORR	HHE	0.00
		BORR	HHZ	-0.00
		BORR	HHN	0.00
*	25	BMR	HHE	0.00
		BMR	HHZ	-0.00
		BMR	HHN	-0.00
*	26	GIRR	HHE	-0.04
		GIRR	HHZ	0.01
		GIRR	HHN	-0.03
*	27	VLDR	HHE	0.01
		VLDR	HHZ	0.01
		VLDR	HHN	0.02
*	28	TESR	HHE	-0.01
		TESR	HHZ	0.01
		TESR	HHN	-0.01
*	29	MANR	HHE	0.00
		MANR	HHZ	0.00
		MANR	HHN	-0.00
*	30	VOIR	HHE	-0.00
		VOIR	HHZ	0.00
		VOIR	HHN	0.00
*	31	CFR	HHE	-0.01
		CFR	HHZ	-0.00
		CFR	HHN	0.01
*	32	VARL	HHE	0.01
		VARL	HHZ	-0.01
		VARL	HHN	0.02
*	33	PRAR	HHE	0.03
		PRAR	HHZ	0.01
		PRAR	HHN	-0.02
*	34	BISRR	HHE	0.02
		BISRR	HHZ	0.01
		BISRR	HHN	0.00
*	35	DRBR	HHE	-0.03
		DRBR	HHZ	0.02
		DRBR	HHN	0.02
*	36	BIZ	HHE	-0.01
		BIZ	HHZ	-0.01
		BIZ	HHN	-0.01
*	37	LOZB	HHE	-0.00
		LOZB	HHZ	0.00
		LOZB	HHN	0.00
*	38	MDVR	HHE	-0.00
		MDVR	HHZ	-0.00
		MDVR	HHN	-0.00
*	39	HARR	HHE	0.00
		HARR	HHZ	-0.00
		HARR	HHN	0.00

*	40	SCHL	HHE	0.01	
		SCHL	HHZ	0.00	
		SCHL	HHN	-0.00	
*	41	MFTR	HHE	0.01	
		MFTR	HHZ	-0.00	
		MFTR	HHN	0.01	
*	42	BURAR	BHZ	0.00	
		BURAR	BHN	0.00	
		BURAR	BHE	0.00	
		BURAR	BHZ		0.02
		BURAR	BHN		-0.04
		BURAR	BHE		-0.03
*	43	SAHR	HHE	-0.01	
		SAHR	HHZ	0.01	
		SAHR	HHN	0.01	
*	44	BOSR	HHE	-0.00	
		BOSR	HHZ	0.00	
		BOSR	HHN	0.00	
*	45	ZIMR	HHE	0.00	
		ZIMR	HHZ	0.00	
		ZIMR	HHN	-0.00	
*	46	TSCT	EHE	0.00	
		TSCT	EHN	-0.00	
		TSCT	EHZ	-0.00	
*	47	MARR	HHE	0.00	
		MARR	HHZ	0.00	
		MARR	HHN	-0.00	
*	48	TGMR	HHE	-0.00	
		TGMR	HHZ	0.00	
		TGMR	HHN	-0.00	
*	49	LEHL	HHE	-0.00	
		LEHL	HHZ	-0.00	
		LEHL	HHN	0.03	
*	50	PANC	HHE	0.03	
		PANC	HHZ	-0.01	
		PANC	HHN	0.02	
*	51	HERR	HHE	-0.00	
		HERR	HHZ	-0.00	
		HERR	HHN	0.00	
*	52	DOPR	HHE	0.00	
		DOPR	HHZ	-0.00	
		DOPR	HHN	0.00	
*	53	GISR	EHE	0.00	
		GISR	EHN	-0.01	
		GISR	EHZ	-0.01	
*	54	TSSL	EHE	-0.00	
		TSSL	EHN	0.00	
		TSSL	EHZ	-0.00	
*	55	MDB	HHE	0.00	
		MDB	HHZ	0.00	
		MDB	HHN	0.00	
*	56	SULR	HHE	-0.00	
		SULR	HHZ	0.00	
		SULR	HHN	0.00	
*	57	COVR	HHE	-0.00	
		COVR	HHZ	-0.00	
		COVR	HHN	0.00	
		COVR	HNZ		-0.07
		COVR	HNE		-0.06
		COVR	HNN		0.08
*	58	SCHLR	HHE	0.01	
		SCHLR	HHZ	0.00	
		SCHLR	HHN	-0.01	
*	59	RAZG	HHE	0.00	
		RAZG	HHZ	0.00	
		RAZG	HHN	-0.00	
*	60	JOSR	EHE	0.00	

	JOSR	EHN	-0.01	
	JOSR	EHZ	-0.00	
*	61	ONER	HHE	-0.00
		ONER	HHZ	0.00
		ONER	HHN	0.00
*	62	CVDA	EHE	0.01
		CVDA	EHN	-0.00
		CVDA	EHZ	0.00
*	63	VRI	HHE	-0.01
		VRI	HHZ	-0.00
		VRI	HHN	0.01
		VRI	HNZ	-0.10
		VRI	HNE	-0.38
		VRI	HNN	0.09
*	64	ICOR	HHE	0.00
		ICOR	HHZ	-0.00
		ICOR	HHN	0.00
*	65	SURR	HHE	-0.00
		SURR	HHZ	0.00
		SURR	HHN	0.00
*	66	HUMR	HHE	0.00
		HUMR	HHZ	-0.00
		HUMR	HHN	0.00
*	67	COSR	HHE	-0.03
		COSR	HHZ	0.01
		COSR	HHN	0.03
*	68	TURR	HHE	0.00
		TURR	HHZ	0.00
		TURR	HHN	0.00
*	69	DRGR	HHE	-0.00
		DRGR	HHZ	-0.00
		DRGR	HHN	-0.00
		DRGR	HNZ	-0.01
		DRGR	HNE	0.01
		DRGR	HNN	-0.02
*	70	BIR	HHE	0.03
		BIR	HHZ	-0.02
		BIR	HHN	0.03
*	71	SHAB	HHE	0.00
		SHAB	HHZ	0.00
		SHAB	HHN	0.00
*	72	VASR	HHE	0.27
		VASR	HHZ	-0.08
		VASR	HHN	-0.19
*	73	BZS	HHE	0.00
		BZS	HHZ	0.00
		BZS	HHN	-0.00
*	74	SIRR	HHE	-0.00
		SIRR	HHZ	0.00
		SIRR	HHN	-0.00
*	75	AMRR	HHE	0.00
		AMRR	HHZ	-0.00
		AMRR	HHN	0.00
*	76	SRE	HHE	-0.00
		SRE	HHZ	0.00
		SRE	HHN	-0.00
*	77	TLCR	HHE	-0.00
		TLCR	HHZ	-0.00
		TLCR	HHN	0.00
*	78	ARR	HHE	-0.00
		ARR	HHZ	-0.00
		ARR	HHN	-0.00
*	79	TATR	HHE	0.01
		TATR	HHZ	-0.02
		TATR	HHN	0.01
*	80	PLOR	HHE	-0.02
		PLOR	HHZ	0.00

		PLOR	HHN	0.01
*	81	PGOR	HHE	0.00
		PGOR	HHZ	0.00
		PGOR	HHN	-0.00
*	82	LOT	HHE	0.00
		LOT	HHZ	-0.00
		LOT	HHN	0.00
*	83	DEV	HHE	0.00
		DEV	HHZ	0.00
		DEV	HHN	-0.00
*	84	OZUR	HHE	-0.01
		OZUR	HHZ	0.00
		OZUR	HHN	0.01
*	85	TUDR	HHE	-0.02
		TUDR	HHZ	0.01
		TUDR	HHN	-0.01
*	86	IZVR	HHE	0.01
		IZVR	HHZ	-0.00
		IZVR	HHN	0.01
*	87	EFOR	HHE	-0.00
		EFOR	HHZ	-0.00
		EFOR	HHN	0.00

* Associated RO stations: 87
Excluded stations:

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

Velocity	VASR_HHE	0.27
Acceleration	VRI_HNE	0.38

Stations max. horizontal acceleration and MSK intensity

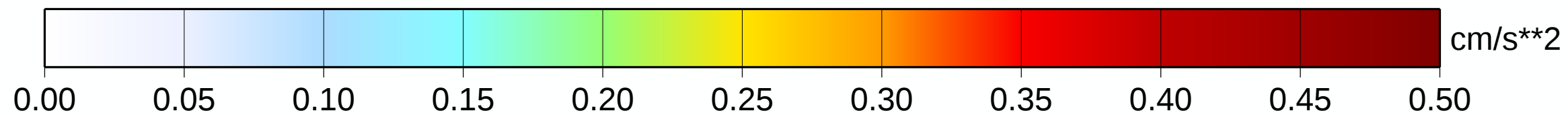
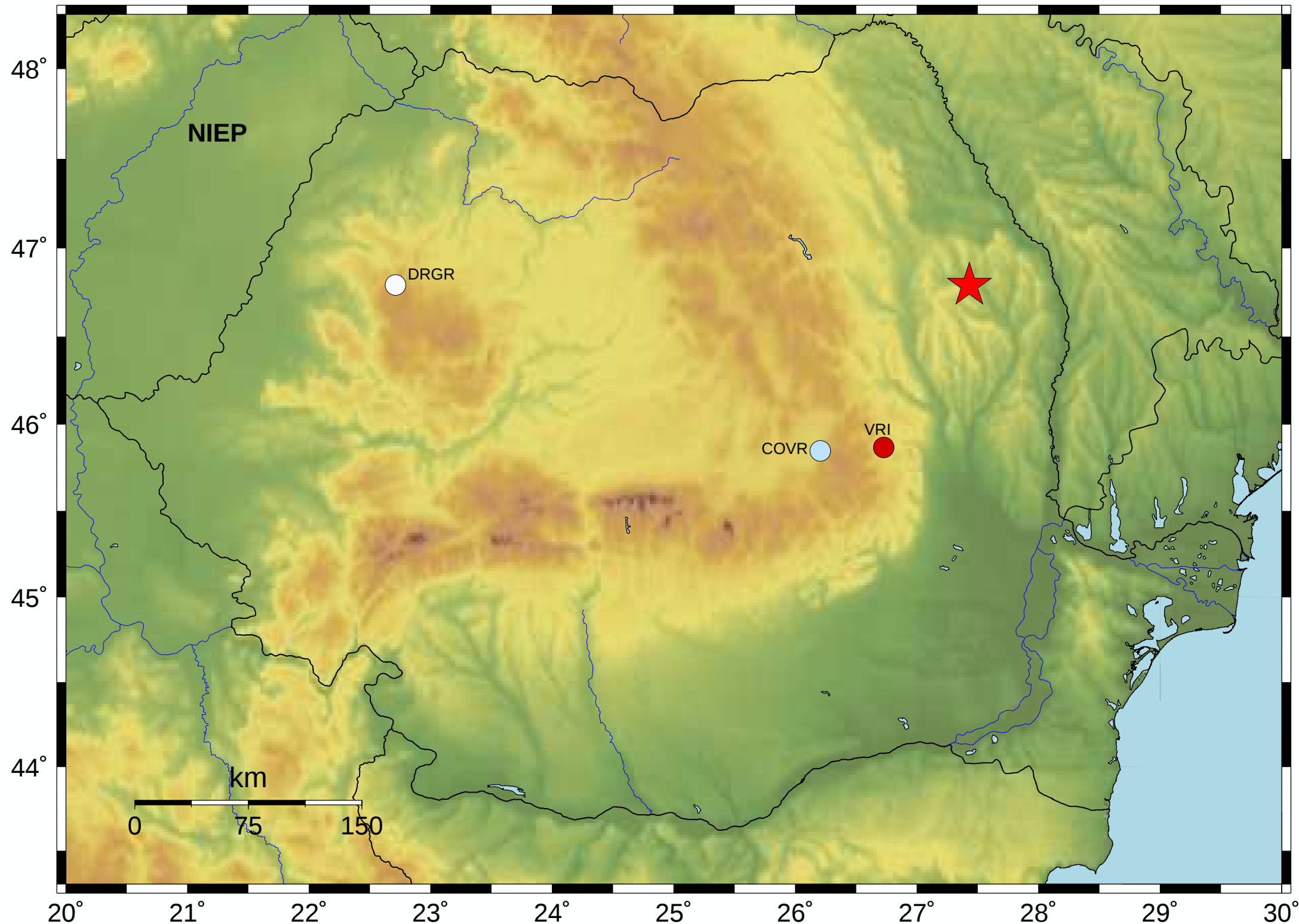
1	BURAR_HNE		
2	COVR_HNN	0.08	-
3	DRGR_HNN	0.02	-
4	VRI_HNE	0.38	I

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

Maximum observed acceleration: VRI_HNE 0.38

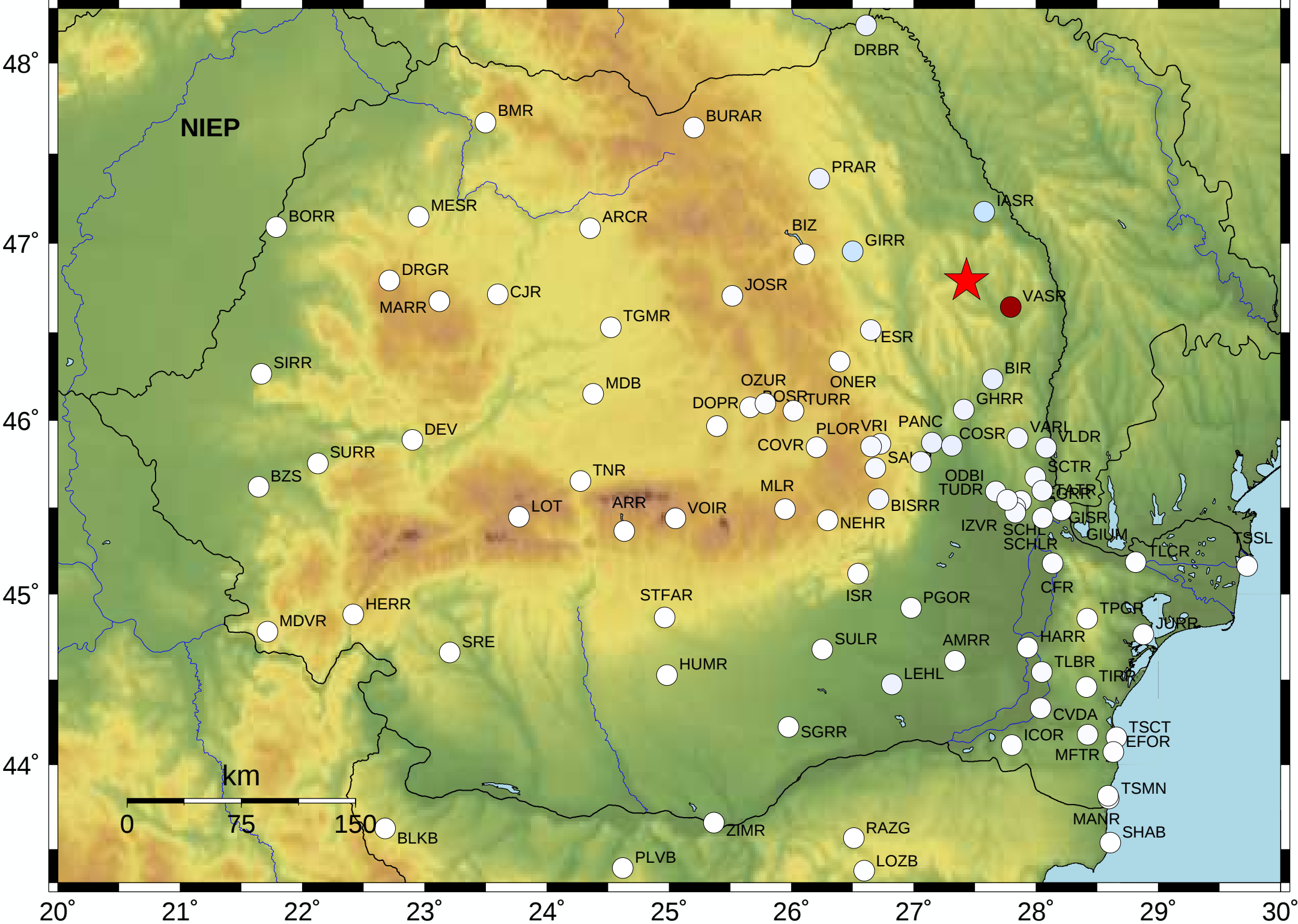
Thu Oct 29, 2020 22:39:36 GMT ML 4.2 Mb N46.79 E27.43 Depth: 7.8km ID:29223936

Station	Dist.(km)	Acc.
VRI	116	0.38
COVR	141	0.08
BURAR	193	0.04
DRGR	359	0.02

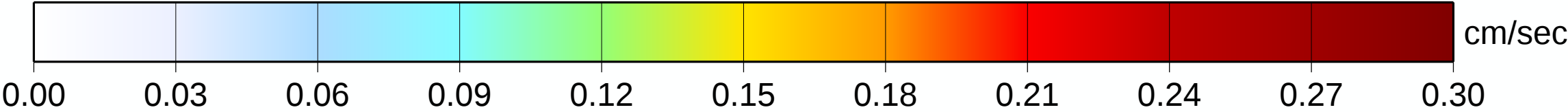


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: VASR_HHE 0.27
Thu Oct 29, 2020 22:39:36 GMT ML 4.2 Mb N46.79 E27.43 Depth: 7.8km ID:29223936



Station	Dist.(km)	Velocity
VASR	32	0.27
IASR	44	0.05
GIRR	73	0.04
BIR	63	0.03
COSR	104	0.03
DRBR	169	0.03
PANC	104	0.03
PRAR	111	0.03
LEHL	261	0.03
GHRR	81	0.02
ODBI	117	0.02
VLDR	116	0.02
VARL	104	0.02
PLOR	120	0.02
TUDR	134	0.02
BISRR	148	0.02
TATR	140	0.02
SCHLR	149	0.01
SCTR	131	0.01
VRI	116	0.01
SAHR	131	0.01
TESR	67	0.01
GISR	157	0.01
IZVR	140	0.01
TLBR	254	0.01
NEGRR	143	0.01
BIZ	102	0.01
CFR	187	0.01
OZUR	147	0.01
MFTR	300	0.01
GIUM	156	0.01
SCHL	146	0.01
JOSR	146	0.01
CVDA	277	0.01
TLCR	207	0.00



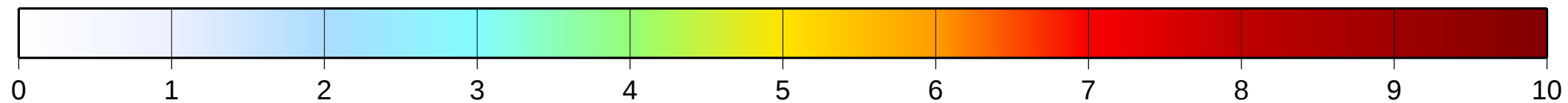
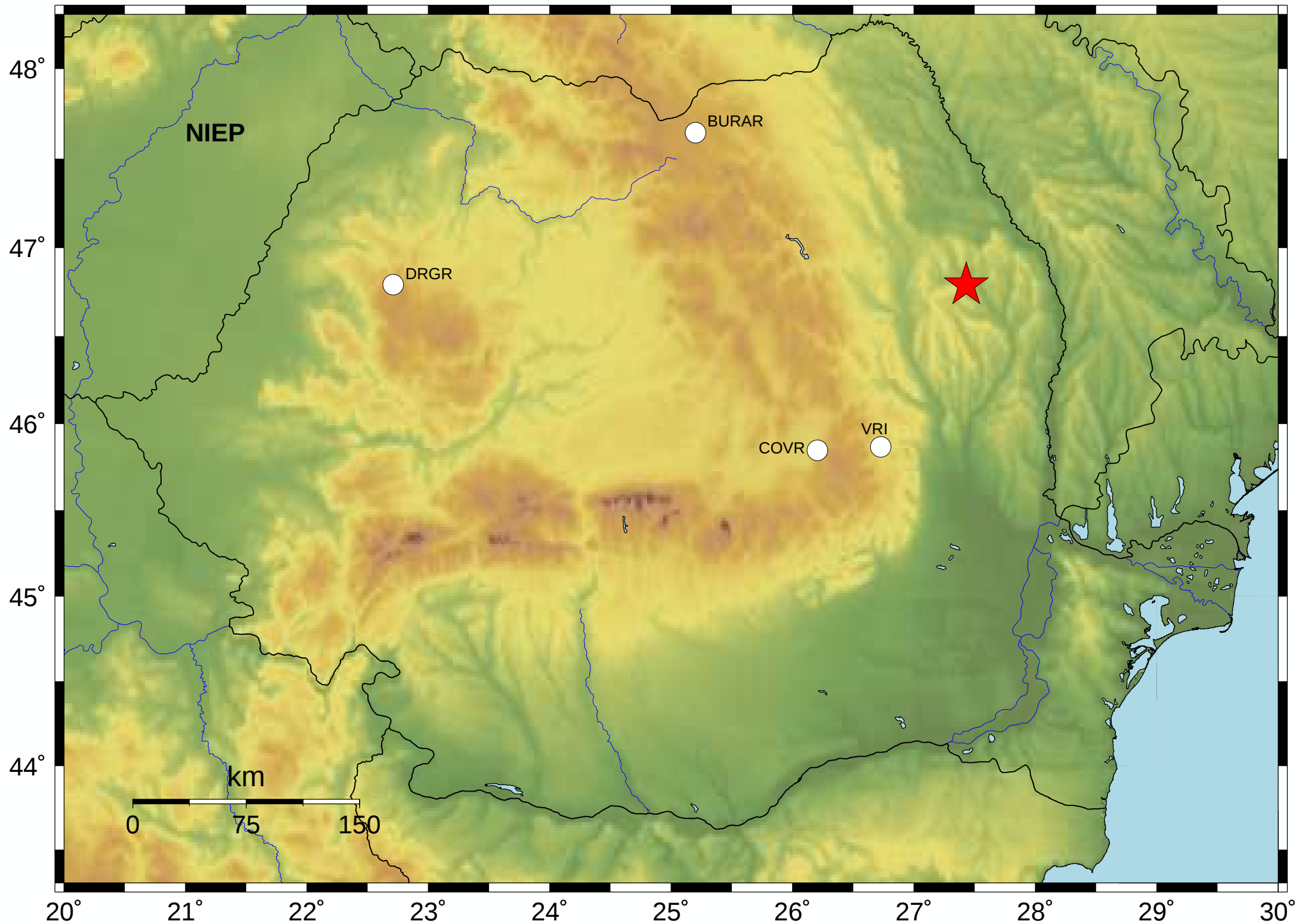
Stations intensities

Maximum intensity: VRI

Thu Oct 29, 2020 22:39:36 GMT ML 4.2 Mb N46.79 E27.43 Depth: 7.8km ID:29223936

Station	Dist.(km)	Imsk
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VRI	116	I
DRGR	359	-
COVR	141	-



MSK intensity scale