

Antelope - associated stations measurements on atlas2 ronet database

ROMANIA - evid 99183646

Date	Time	Lat	Lon	Depth	ml	mb	orid
2021/04/09	18:36:46.710	45.792	26.629	77.8	4.5		152
Sta	Chan	PGV	PGA				
* 1 PUNG	HHE	0.00					
	PUNG	HHZ	-0.00				
	PUNG	HHN	-0.00				
* 2 NEHR	HHE	0.01					
	NEHR	HHZ	0.00				
	NEHR	HHN	-0.01				
* 3 CICN	HHE	-0.05					
	CICN	HHZ	0.02				
	CICN	HHN	0.02				
* 4 ISR	HHE	-0.03					
	ISR	HHZ	0.02				
	ISR	HHN	-0.02				
* 5 IASR	HHE	-0.02					
	IASR	HHZ	-0.01				
	IASR	HHN	-0.01				
* 6 TSMN	EHE	-0.01					
	TSMN	EHN	-0.01				
	TSMN	EHZ	0.01				
* 7 NEGRR	HHE	-0.04					
	NEGRR	HHZ	0.02				
	NEGRR	HHN	0.04				
* 8 JURR	EHZ	-0.01					
* 9 BLKB	HHE	0.00					
	BLKB	HHZ	-0.00				
	BLKB	HHN	0.00				
* 10 GIUM	EHE	-0.02					
	GIUM	EHN	-0.03				
	GIUM	EHZ	0.02				
* 11 ODBI	HHE	0.10					
	ODBI	HHZ	-0.10				
	ODBI	HHN	0.15				
* 12 ARCR	HHE	-0.00					
	ARCR	HHZ	-0.00				
	ARCR	HHN	0.00				
* 13 SGRR	EHE	-0.01					
	SGRR	EHN	-0.02				
	SGRR	EHZ	-0.01				
* 14 TLBR	HHE	-0.08					
	TLBR	HHZ	-0.07				
	TLBR	HHN	0.10				
* 15 SCTR	HHE	0.04					
	SCTR	HHZ	-0.03				
	SCTR	HHN	-0.04				
* 16 TNR	HHE	0.01					
	TNR	HHZ	0.01				
	TNR	HHN	-0.00				
* 17 CJR	HHE	-0.00					
	CJR	HHZ	0.00				

		CJR	HHN	-0.00
*	18	STFAR	HHE	-0.01
		STFAR	HHZ	0.00
		STFAR	HHN	0.01
*	19	MESR	HHE	0.00
		MESR	HHZ	0.00
		MESR	HHN	-0.00
*	20	PLVB	HHE	0.01
		PLVB	HHZ	0.00
		PLVB	HHN	0.00
*	21	TIRR	HHE	0.01
		TIRR	HHZ	0.00
		TIRR	HHN	0.01
*	22	TPGR	HHE	0.01
		TPGR	HHZ	0.01
		TPGR	HHN	-0.01
*	23	RMGR	HHE	0.00
		RMGR	HHZ	-0.00
		RMGR	HHN	0.00
*	24	PDRR	HHE	-0.06
		PDRR	HHZ	0.02
		PDRR	HHN	-0.06
*	25	MLR	HHE	-0.05
		MLR	HHZ	0.02
		MLR	HHN	-0.04
*	26	BMR	HHE	0.00
		BMR	HHZ	0.00
		BMR	HHN	-0.00
*	27	COPA	HHE	0.01
		COPA	HHZ	0.01
		COPA	HHN	0.01
*	28	GIRR	HHE	0.06
		GIRR	HHZ	0.01
		GIRR	HHN	0.08
*	29	VLDR	HHE	0.13
		VLDR	HHZ	-0.06
		VLDR	HHN	0.13
*	30	VLAD	HHE	-0.00
		VLAD	HHZ	0.00
		VLAD	HHN	-0.00
*	31	TESR	HHE	-0.04
		TESR	HHZ	-0.02
		TESR	HHN	-0.03
*	32	MANR	HHE	-0.02
		MANR	HHZ	0.01
		MANR	HHN	0.02
*	33	MTUR	EHZ	-0.00
*	34	NGRR	HHE	-0.06
		NGRR	HHZ	-0.02
		NGRR	HHN	-0.03
*	35	VOIR	HHE	-0.01
		VOIR	HHZ	0.00
		VOIR	HHN	0.00
*	36	CFR	HHE	-0.03
		CFR	HHZ	0.02
		CFR	HHN	0.04
*	37	VARL	HHE	-0.05
		VARL	HHZ	0.04
		VARL	HHN	0.14
*	38	GZR	HHE	0.00
		GZR	HHZ	0.00
		GZR	HHN	-0.00
*	39	PRAR	HHE	-0.02
		PRAR	HHZ	0.01
		PRAR	HHN	-0.02
*	40	BISRR	HHE	0.23
		BISRR	HHZ	0.16

		BISRR	HHN	0.01	
*	41	BIZ	HHE	-0.00	
		BIZ	HHZ	0.00	
		BIZ	HHN	-0.01	
*	42	LOZB	HHE	0.03	
		LOZB	HHZ	0.02	
		LOZB	HHN	0.03	
*	43	MDVR	HHE	0.00	
		MDVR	HHZ	-0.00	
		MDVR	HHN	0.00	
*	44	HARR	HHE	0.05	
		HARR	HHZ	-0.02	
		HARR	HHN	-0.06	
*	45	MFTR	HHE	0.04	
		MFTR	HHZ	-0.03	
		MFTR	HHN	-0.04	
*	46	BURAR	BHZ	0.00	
		BURAR	BHN	0.00	
		BURAR	BHE	-0.00	
		BURAR	BHZ		0.01
		BURAR	BHN		-0.01
		BURAR	BHE		-0.01
*	47	SAHR	HHE	-0.10	
		SAHR	HHZ	0.06	
		SAHR	HHN	0.13	
*	48	BOSR	HHE	-0.05	
		BOSR	HHZ	-0.03	
		BOSR	HHN	0.07	
*	49	ZIMR	HHE	0.05	
		ZIMR	HHZ	0.01	
		ZIMR	HHN	-0.03	
*	50	TSCT	EHE	0.03	
		TSCT	EHN	-0.02	
		TSCT	EHZ	-0.01	
*	51	GRER	HHE	-0.03	
		GRER	HHZ	0.02	
		GRER	HHN	-0.06	
*	52	MARR	HHE	-0.00	
		MARR	HHZ	0.00	
		MARR	HHN	0.00	
*	53	LEHL	HHE	0.04	
		LEHL	HHZ	-0.01	
		LEHL	HHN	0.04	
*	54	PANC	HHE	0.33	
		PANC	HHZ	-0.04	
		PANC	HHN	-0.05	
*	55	HERR	HHE	0.00	
		HERR	HHZ	-0.00	
		HERR	HHN	0.00	
*	56	DMBR	HHE	1.00	
		DMBR	HHZ	-0.03	
		DMBR	HHN	0.07	
*	57	DOPR	HHE	0.02	
		DOPR	HHZ	0.01	
		DOPR	HHN	0.02	
*	58	PLAR	EHE	0.01	
		PLAR	EHN	0.01	
		PLAR	EHZ	-0.00	
*	59	GISR	EHE	0.03	
		GISR	EHN	-0.03	
		GISR	EHZ	-0.02	
*	60	TSSL	EHE	0.01	
		TSSL	EHN	-0.01	
		TSSL	EHZ	0.00	
*	61	MDB	HHE	-0.01	
		MDB	HHZ	0.00	
		MDB	HHN	0.00	

*	62	SULR	HHE	0.02	
		SULR	HHZ	-0.02	
		SULR	HHN	0.07	
*	63	COVR	HHE	-0.03	
		COVR	HHZ	-0.02	
		COVR	HHN	0.03	
		COVR	HNZ		-0.86
		COVR	HNE		-0.59
		COVR	HNN		-0.76
*	64	SCHLR	HHE	-0.04	
		SCHLR	HHZ	-0.02	
		SCHLR	HHN	0.05	
*	65	JOSR	EHE	-0.00	
		JOSR	EHN	0.00	
		JOSR	EHZ	-0.00	
*	66	ONER	HHE	-0.01	
		ONER	HHZ	0.01	
		ONER	HHN	0.01	
*	67	BAIL	HHE	-0.00	
		BAIL	HHZ	-0.00	
		BAIL	HHN	-0.00	
*	68	CVDA	EHE	0.01	
		CVDA	EHN	0.02	
		CVDA	EHZ	0.01	
*	69	VRI	HHE	-0.09	
		VRI	HHZ	-0.02	
		VRI	HHN	0.05	
		VRI	HNZ		1.22
		VRI	HNE		-2.15
		VRI	HNN		1.24
*	70	ICOR	HHE	0.06	
		ICOR	HHZ	-0.04	
		ICOR	HHN	-0.06	
*	71	SURR	HHE	-0.00	
		SURR	HHZ	0.00	
		SURR	HHN	0.00	
*	72	BUC1	EHE	-0.01	
		BUC1	EHN	-0.01	
		BUC1	EHZ	-0.01	
*	73	COSR	HHE	-0.04	
		COSR	HHZ	-0.03	
		COSR	HHN	0.04	
*	74	TURR	HHE	-0.06	
		TURR	HHZ	-0.01	
		TURR	HHN	0.03	
*	75	DRGR	HHE	-0.00	
		DRGR	HHZ	0.00	
		DRGR	HHN	0.00	
		DRGR	HNZ		0.01
		DRGR	HNE		-0.01
		DRGR	HNN		-0.01
*	76	BIR	HHE	0.03	
		BIR	HHZ	0.02	
		BIR	HHN	0.04	
*	77	SHAB	HHE	0.01	
		SHAB	HHZ	-0.00	
		SHAB	HHN	-0.01	
*	78	VASR	HHE	0.03	
		VASR	HHZ	0.02	
		VASR	HHN	0.04	
*	79	BZS	HHE	-0.00	
		BZS	HHZ	-0.00	
		BZS	HHN	0.00	
*	80	SIRR	HHE	-0.00	
		SIRR	HHZ	0.00	
		SIRR	HHN	-0.00	
*	81	AMRR	HHE	-0.05	

	AMRR	HHZ	-0.01	
	AMRR	HHN	0.05	
*	82	SRE	HHE	-0.00
		SRE	HHZ	0.00
		SRE	HHN	0.00
*	83	ARR	HHE	-0.00
		ARR	HHZ	-0.00
		ARR	HHN	0.00
*	84	TLCR	HHE	-0.01
		TLCR	HHZ	0.00
		TLCR	HHN	-0.01
*	85	PGOR	HHE	0.08
		PGOR	HHZ	-0.03
		PGOR	HHN	0.08
*	86	PLOR	HHE	0.06
		PLOR	HHZ	-0.03
		PLOR	HHN	0.07
*	87	LOT	HHE	0.00
		LOT	HHZ	-0.00
		LOT	HHN	0.00
*	88	DEV	HHE	0.00
		DEV	HHZ	-0.00
		DEV	HHN	-0.00
*	89	OZUR	HHE	0.02
		OZUR	HHZ	-0.01
		OZUR	HHN	-0.02
*	90	TUDR	HHE	-0.10
		TUDR	HHZ	0.06
		TUDR	HHN	0.06
*	91	IZVR	HHE	0.03
		IZVR	HHZ	-0.01
		IZVR	HHN	0.03
*	92	EFOR	HHE	0.04
		EFOR	HHZ	-0.02
		EFOR	HHN	-0.04
*	93	CRAR	HHE	-0.00
		CRAR	HHZ	-0.00
		CRAR	HHN	0.00

* Associated RO stations: 93
Excluded stations:

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

Velocity	DMBR_HHE	1.00
Acceleration	VRI_HNE	2.15

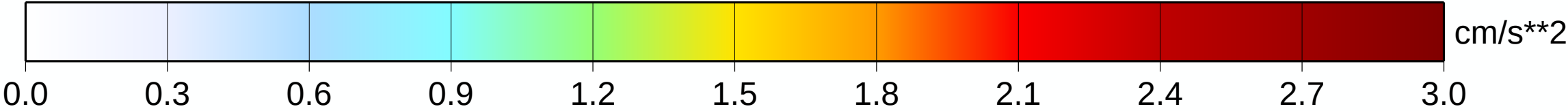
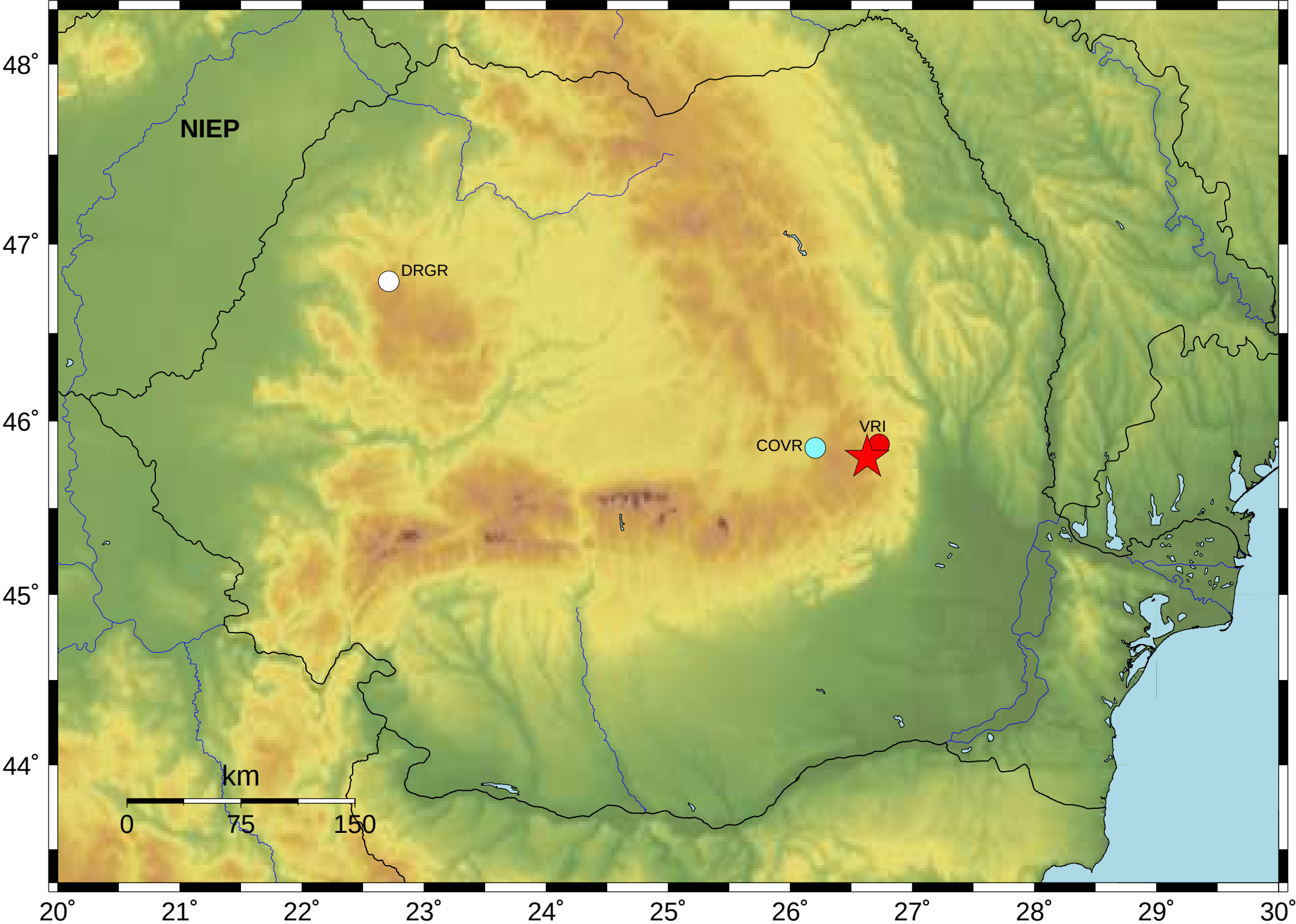
Stations max. horizontal acceleration and MSK intensity

1	BURAR_HNE		
2	COVR_HNN	0.76	I
3	DRGR_HNE	0.01	-
4	VRI_HNE	2.15	II-III

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

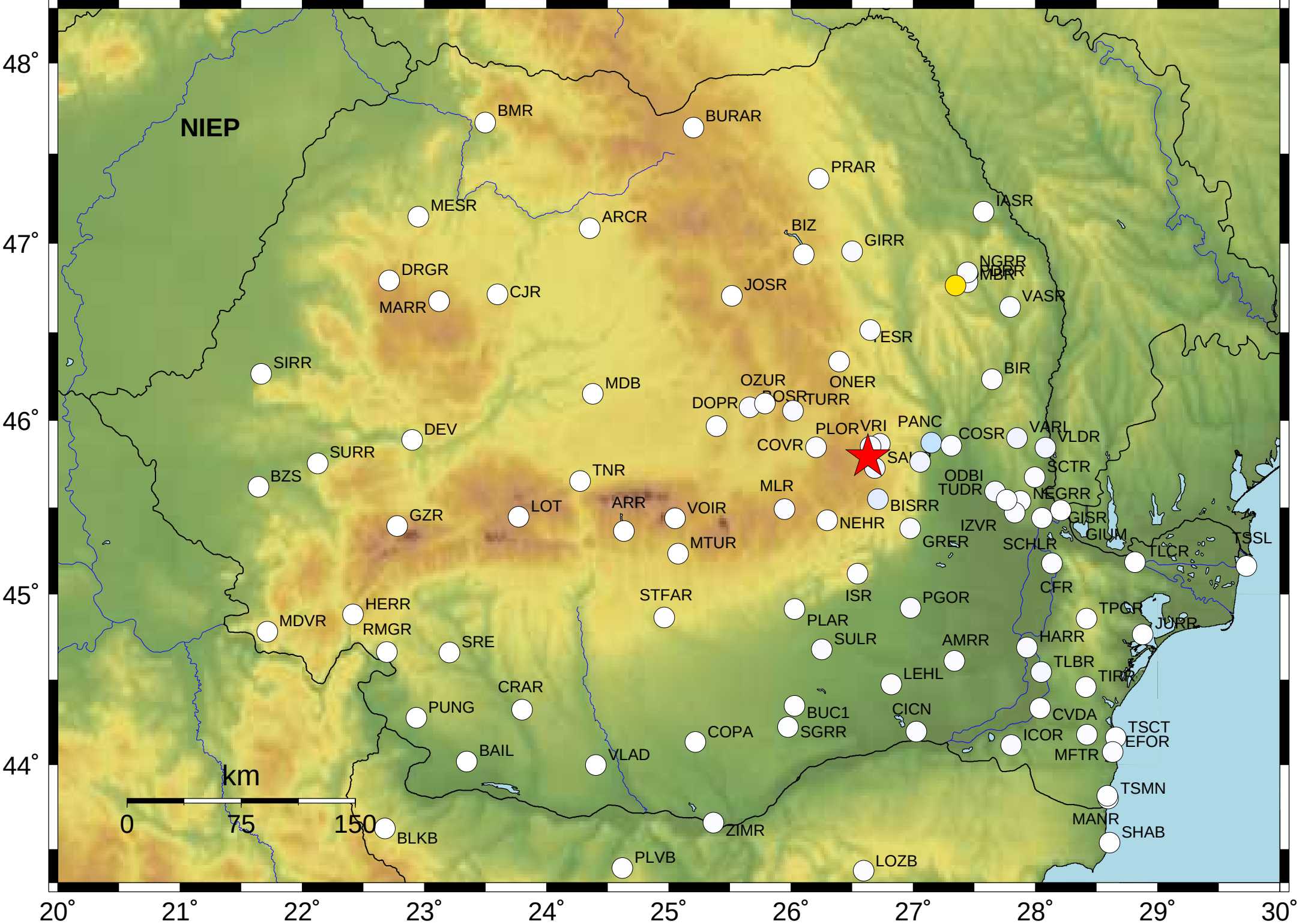
Maximum observed acceleration: VRI_HNE 2.15
Fri Apr 9, 2021 18:36:46 GMT ML 4.5 Mb N45.79 E26.63 Depth: 77.8km ID:99183646

Station	Dist.(km)	Acc.
VRI	11	2.15
COVR	33	0.86
DRGR	320	0.01
BURAR	232	0.01



Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: DMBR_HHE 1.00
Fri Apr 9, 2021 18:36:46 GMT ML 4.5 Mb N45.79 E26.63 Depth: 77.8km ID:99183646



Station	Dist.(km)	Velocity
DMBR	121	1.00
PANC	41	0.33
BISRR	27	0.23
ODBI	33	0.15
VARL	95	0.14
SAHR	8	0.13
VLDR	112	0.13
TLBR	177	0.10
TUDR	83	0.10
VRI	11	0.09
GIRR	129	0.08
PGOR	100	0.08
BOSR	81	0.07
PLOR	6	0.07
SULR	127	0.07
PDRR	126	0.06
ICOR	207	0.06
TURR	55	0.06
GRER	53	0.06
HARR	159	0.06
NGRR	131	0.06
ZIMR	257	0.05
AMRR	142	0.05
SCHLR	100	0.05
CICN	180	0.05
MLR	62	0.05
COSR	53	0.04
CFR	135	0.04
NEGRR	101	0.04
SCTR	106	0.04
VASR	130	0.04
TESR	80	0.04
EFOR	247	0.04
MFTR	228	0.04
BIR	92	0.04

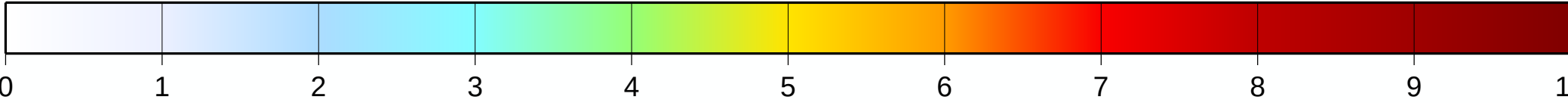
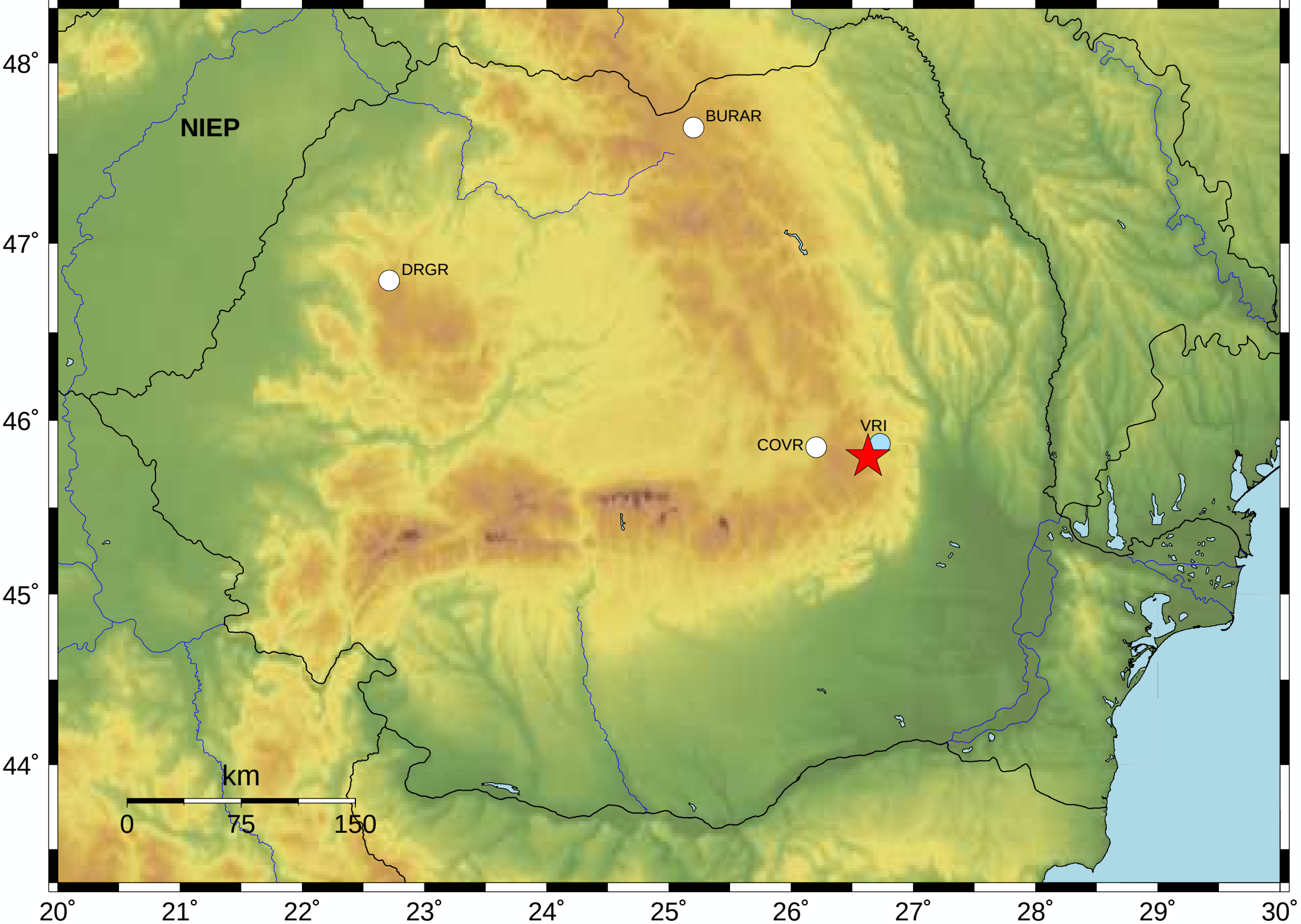


Stations intensities

Maximum intensity: VRI

Fri Apr 9, 2021 18:36:46 GMT ML 4.5 Mb N45.79 E26.63 Depth: 77.8km ID:99183646

Station	Dist.(km)	Imsk
VRI	11	II-III
COVR	33	I
DRGR	321	-



MSK intensity scale