

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 29141642

Date	Time	Lat	Lon	Depth	ml	mb	orid
2026/03/29	14:16:42.899	45.655	26.542	116.3	3.9		113
Sta	Chan	PGV	PGA				
* 1	GIRR	HHE	0.00				
	GIRR	HHN	0.00				
	GIRR	HHZ	-0.00				
	GIRR	HNN		-0.06			
	GIRR	HNZ		-0.10			
	GIRR	HNE		0.06			
* 2	ARR	HHZ	-0.00				
	ARR	HHN	-0.00				
	ARR	HHE	0.00				
	ARR	HNE		-0.01			
	ARR	HNN		-0.01			
	ARR	HNZ		-0.01			
* 3	GIUM	EHE	-0.00				
	GIUM	EHZ	0.00				
	GIUM	EHN	0.00				
	GIUM	HNZ		-0.17			
	GIUM	HNN		-0.22			
	GIUM	HNE		0.14			
* 4	NEHR	HHN	-0.00				
	NEHR	HHZ	0.00				
	NEHR	HHE	0.00				
	NEHR	HNZ		-0.13			
	NEHR	HNN		-0.10			
	NEHR	HNE		0.07			
* 5	TPGR	HHN	-0.00				
	TPGR	HHZ	-0.00				
	TPGR	HHE	0.00				
	TPGR	HNZ		-0.03			
	TPGR	HNN		-0.04			
	TPGR	HNE		0.03			
* 6	BVPR	EHE	0.00				
	BVPR	EHN	-0.00				
	BVPR	EHZ	0.00				
	BVPR	HNE		0.08			
	BVPR	HNZ		0.11			
	BVPR	HNN		0.09			
* 7	TNR	HHE	-0.00				
	TNR	HHZ	0.00				
	TNR	HHN	-0.00				
	TNR	HNE		-0.03			
	TNR	HNZ		0.03			
	TNR	HNN		-0.02			
* 8	ELND	HHZ	0.00				
	ELND	HHN	0.00				
	ELND	HHE	0.00				
	ELND	HNN		0.05			

		ELND	HNZ		-0.08
		ELND	HNE		0.05
*	9	CRCR	EHE	0.01	
		CRCR	EHN	-0.01	
		CRCR	EHZ	-0.00	
		CRCR	HNE		0.14
		CRCR	HNZ		0.08
		CRCR	HNN		-0.15
*	10	NARR	HHE	0.01	
		NARR	HHZ	-0.00	
		NARR	HHN	0.01	
*	11	TATR	HHE	-0.01	
		TATR	HHN	0.01	
		TATR	HHZ	-0.01	
		TATR	HNZ		0.33
		TATR	HNN		-0.36
		TATR	HNE		0.42
*	12	CICN	HHE	-0.14	
		CICN	HHZ	0.00	
		CICN	HHN	0.00	
		CICN	HNE		0.25
		CICN	HNZ		0.13
		CICN	HNN		0.12
*	13	TLBR	HHN	-0.00	
		TLBR	HHZ	0.00	
		TLBR	HHE	0.00	
		TLBR	HNE		-0.12
		TLBR	HNN		-0.11
		TLBR	HNZ		-0.26
*	14	HUMR	HHE	0.17	
		HUMR	HHN	-0.00	
		HUMR	HHZ	0.00	
		HUMR	HNE		0.34
		HUMR	HNN		-0.35
		HUMR	HNZ		-0.30
*	15	TIRR	HHE	-0.00	
		TIRR	HHZ	-0.00	
		TIRR	HHN	0.00	
		TIRR	HNE		-0.03
		TIRR	HNZ		-0.04
		TIRR	HNN		0.05
*	16	COPA	HHE	0.01	
		COPA	HHZ	-0.00	
		COPA	HHN	-0.00	
		COPA	HNZ		-0.16
		COPA	HNN		0.14
		COPA	HNE		0.23
*	17	VARL	HHE	0.01	
		VARL	HHZ	-0.00	
		VARL	HHN	-0.00	
		VARL	HNN		0.58
		VARL	HNZ		-0.31
		VARL	HNE		-0.37
*	18	VLAD	HHN	0.00	
		VLAD	HHZ	0.00	
		VLAD	HHE	0.00	
		VLAD	HNN		-0.16
		VLAD	HNZ		-0.12
		VLAD	HNE		0.18
*	19	HERR	HHE	0.00	
		HERR	HHZ	0.00	
		HERR	HHN	0.00	
		HERR	HNE		-0.21
		HERR	HNZ		-0.14

	HERR	HNN		-0.32
* 20	MFTR	HHE	0.00	
	MFTR	HHZ	-0.00	
	MFTR	HHN	-0.00	
	MFTR	HNN		0.04
	MFTR	HNZ		0.06
	MFTR	HNE		-0.04
* 21	SRE	HHE	-0.00	
	SRE	HHN	-0.00	
	SRE	HHZ	-0.00	
	SRE	HNE		-0.13
	SRE	HNN		-0.10
	SRE	HNZ		0.05
* 22	DRGR	HHE	0.00	
	DRGR	HHN	0.00	
	DRGR	HHZ	0.00	
	DRGR	HNN		0.59
	DRGR	HNZ		0.96
	DRGR	HNE		-0.86
* 23	INCR	EHE	0.00	
	INCR	EHN	0.00	
	INCR	EHZ	-0.00	
	INCR	HNN		-0.11
	INCR	HNZ		-0.14
	INCR	HNE		0.13
* 24	IBZR	HHE	-0.00	
	IBZR	HHN	-0.01	
	IBZR	HHZ	-0.00	
	IBZR	HNN		-0.17
	IBZR	HNZ		0.13
	IBZR	HNE		-0.18
* 25	BIR	HHE	0.01	
	BIR	HHN	0.01	
	BIR	HHZ	-0.01	
	BIR	HNE		0.63
	BIR	HNN		-0.38
	BIR	HNZ		-0.33
* 26	PANC	HHZ	-0.01	
	PANC	HHN	-0.01	
	PANC	HHE	-0.01	
	PANC	HNE		0.53
	PANC	HNZ		0.89
	PANC	HNN		-0.50
* 27	PRAR	HHZ	-0.00	
	PRAR	HHN	0.00	
	PRAR	HHE	0.00	
	PRAR	HNE		0.06
	PRAR	HNN		0.05
	PRAR	HNZ		-0.03
* 28	MLR	HHZ	0.00	
	MLR	HHN	0.00	
	MLR	HHE	0.00	
	MLR	HNN		-0.02
	MLR	HNZ		0.02
	MLR	HNE		-0.02
* 29	TLCR	HHN	-0.00	
	TLCR	HHZ	-0.00	
	TLCR	HHE	0.00	
	TLCR	HNZ		0.02
	TLCR	HNN		0.03
	TLCR	HNE		0.03
* 30	CRAR	HHE	-0.00	
	CRAR	HHN	0.00	
	CRAR	HHZ	0.00	

	CRAR	HNE		-0.08
	CRAR	HNN		0.10
	CRAR	HNZ		-0.08
*	31	LEOM	HHE	0.01
		LEOM	HHN	0.01
		LEOM	HHZ	0.01
		LEOM	HNE	0.52
		LEOM	HNN	-0.55
		LEOM	HNZ	-1.07
*	32	BLKB	HHN	0.00
		BLKB	HHZ	-0.00
		BLKB	HHE	0.00
		BLKB	HNE	-0.04
		BLKB	HNZ	-0.04
		BLKB	HNN	-0.04
*	33	SCTR	HHE	-0.01
		SCTR	HHZ	-0.00
		SCTR	HHN	-0.01
		SCTR	HNE	0.31
		SCTR	HNZ	0.19
		SCTR	HNN	-0.30
*	34	VOIR	HHN	0.00
		VOIR	HHZ	-0.00
		VOIR	HHE	0.00
		VOIR	HNZ	-0.02
		VOIR	HNN	-0.01
		VOIR	HNE	-0.01
*	35	RTSR	HHE	-0.00
		RTSR	HHN	-0.00
		RTSR	HHZ	0.00
		RTSR	HNE	-0.01
		RTSR	HNN	-0.01
		RTSR	HNZ	-0.01
*	36	LOT	HHN	-0.00
		LOT	HHZ	0.00
		LOT	HHE	0.00
		LOT	HNZ	0.10
		LOT	HNN	-0.06
		LOT	HNE	-0.20
*	37	MDVR	HHE	0.00
		MDVR	HHN	-0.00
		MDVR	HHZ	-0.00
		MDVR	HNN	-0.02
		MDVR	HNZ	-0.02
		MDVR	HNE	-0.02
*	38	BUC1	HHN	-0.00
		BUC1	HHZ	-0.00
		BUC1	HHE	-0.00
		BUC1	HNE	-0.11
		BUC1	HNZ	0.13
		BUC1	HNN	-0.07
*	39	RAZG	HHZ	-0.00
		RAZG	HHN	-0.00
		RAZG	HHE	-0.00
		RAZG	HNE	-0.09
		RAZG	HNZ	0.06
		RAZG	HNN	0.06
*	40	TGSR	HHZ	0.00
		TGSR	HHN	-0.01
		TGSR	HHE	0.01
		TGSR	HNE	0.32
		TGSR	HNN	0.36
		TGSR	HNZ	-0.26
*	41	DOPR	HHN	-0.00

	DOPR	HHZ	0.00	
	DOPR	HHE	-0.00	
	DOPR	HNE		-0.13
	DOPR	HNN		0.12
	DOPR	HNZ		-0.08
*	42	BISRR	HHE	-0.01
		BISRR	HHN	-0.01
		BISRR	HHZ	-0.00
		BISRR	HNN	-0.00
		BISRR	HNZ	0.05
		BISRR	HNE	-0.00
*	43	TESR	HHZ	-0.00
		TESR	HHN	0.00
		TESR	HHE	-0.00
		TESR	HNE	0.11
		TESR	HNZ	-0.12
		TESR	HNN	0.08
*	44	PLOR	HHE	0.00
		PLOR	HHZ	0.00
		PLOR	HHN	0.00
		PLOR	HNE	0.11
		PLOR	HNN	0.11
		PLOR	HNZ	-0.09
*	45	BURAR	BHZ	-0.00
		BURAR	BHN	0.00
		BURAR	BHE	-0.00
		BURAR	BHE	0.00
		BURAR	BHN	0.00
		BURAR	BHZ	-0.00
*	46	PTSR	HHN	-0.00
		PTSR	HHZ	0.00
		PTSR	HHE	-0.00
		PTSR	HNE	-0.01
		PTSR	HNN	0.01
		PTSR	HNZ	-0.02
*	47	VRI	HHE	0.01
		VRI	HHZ	0.00
		VRI	HHN	0.00
		VRI	HNZ	0.07
		VRI	HNN	-0.12
		VRI	HNE	0.24
*	48	HARR	HHN	0.00
		HARR	HHZ	0.00
		HARR	HHE	0.00
		HARR	HNZ	0.13
		HARR	HNN	0.19
		HARR	HNE	-0.26
*	49	SCHL	HHZ	-0.01
		SCHL	HHN	-0.00
		SCHL	HHE	0.01
		SCHL	HNE	-0.20
		SCHL	HNN	0.20
		SCHL	HNZ	0.34
*	50	NGRR	HHN	0.00
		NGRR	HHZ	-0.01
		NGRR	HHE	0.00
		NGRR	HNE	0.25
		NGRR	HNZ	0.64
		NGRR	HNN	-0.25
*	51	TUDR	HHN	0.01
		TUDR	HHZ	-0.01
		TUDR	HHE	-0.01
		TUDR	HNN	0.26
		TUDR	HNZ	-0.60

	TUDR	HNE		0.28
*	52	GZR	HHE	0.00
		GZR	HHN	-0.00
		GZR	HHZ	-0.00
		GZR	HNE	-0.02
		GZR	HNN	0.02
		GZR	HNZ	0.03
*	53	VASR	HHE	0.00
		VASR	HHZ	-0.01
		VASR	HHN	-0.00
		VASR	HNZ	-0.50
		VASR	HNN	0.38
		VASR	HNE	-0.23
*	54	CVSR	HHE	0.00
		CVSR	HHN	-0.00
		CVSR	HHZ	0.00
		CVSR	HNE	0.06
		CVSR	HNN	-0.05
		CVSR	HNZ	0.04
*	55	BZS	HHE	0.00
		BZS	HHN	0.00
		BZS	HHZ	0.00
		BZS	HNE	0.00
		BZS	HNN	0.05
		BZS	HNZ	0.00
*	56	ICOR	HHE	-0.00
		ICOR	HHZ	0.00
		ICOR	HHN	-0.00
		ICOR	HNN	0.06
		ICOR	HNZ	0.05
		ICOR	HNE	0.04
*	57	TULR	HHE	-0.00
		TULR	HHZ	0.00
		TULR	HHN	-0.00
*	58	IASR	HHZ	-0.00
		IASR	HHN	0.00
		IASR	HHE	-0.00
		IASR	HNN	-0.06
		IASR	HNZ	-0.18
		IASR	HNE	0.06
*	59	DEV	HHN	-0.00
		DEV	HHZ	0.00
		DEV	HHE	0.00
		DEV	HNE	-0.07
		DEV	HNZ	0.02
		DEV	HNN	-0.06

* Associated RO stations: 59
Excluded stations:

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

Velocity	HUMR_HHE	0.17
Acceleration	LEOM_HNZ	1.07
Horizontal acc.	DRGR_HNE	0.86

Stations max. horizontal acceleration and MSK intensity

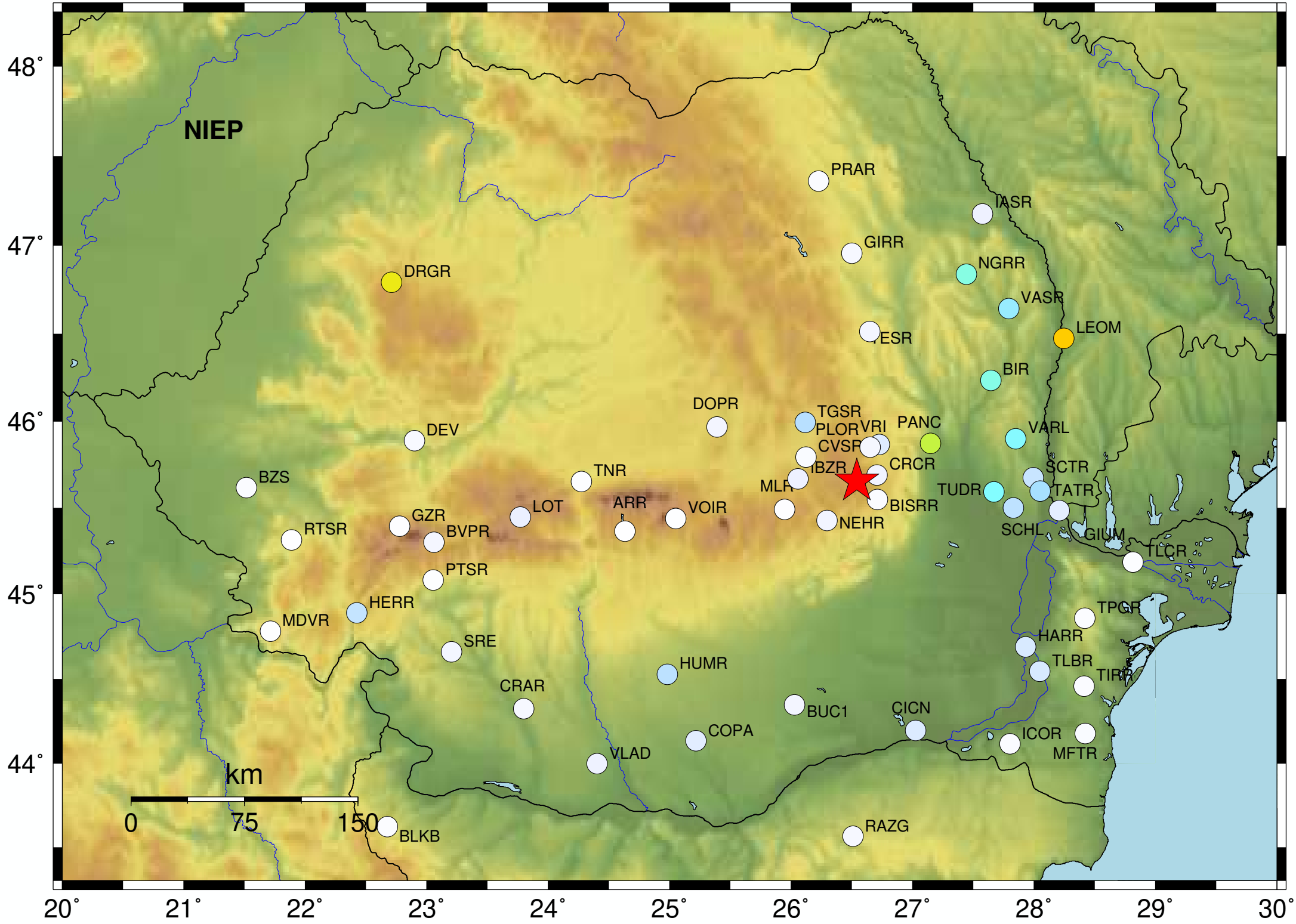
1	ARR_HNE	0.01	-
2	BIR_HNE	0.63	I
3	BISRR_HNE	0.00	
4	BLKB_HNE	0.04	-

5	BUC1_HNE	0.11	-
6	BURAR_HNE		
7	BVPR_HNN	0.09	-
8	BZS_HNN	0.05	-
9	CICN_HNE	0.25	I
10	COPA_HNE	0.23	I
11	CRAR_HNN	0.10	-
12	CRCR_HNN	0.15	-
13	CVSR_HNE	0.06	-
14	DEV_HNE	0.07	-
15	DOPR_HNE	0.13	-
16	DRGR_HNE	0.86	I
17	ELND_HNE	0.05	-
18	GIRR_HNE	0.06	-
19	GIUM_HNN	0.22	I
20	GZR_HNE	0.02	-
21	HARR_HNE	0.26	I
22	HERR_HNN	0.32	I
23	HUMR_HNN	0.35	I
24	IASR_HNE	0.06	-
25	IBZR_HNE	0.18	-
26	ICOR_HNN	0.06	-
27	INCR_HNE	0.13	-
28	LEOM_HNN	0.55	I
29	LOT_HNE	0.20	-
30	MDVR_HNE	0.02	-
31	MFTR_HNE	0.04	-
32	MLR_HNE	0.02	-
33	NEHR_HNN	0.10	-
34	NGRR_HNE	0.25	I
35	PANC_HNE	0.53	I
36	PLOR_HNE	0.11	-
37	PRAR_HNE	0.06	-
38	PTSR_HNE	0.01	-
39	RAZG_HNE	0.09	-
40	RTSR_HNE	0.01	-
41	SCHL_HNE	0.20	-
42	SCTR_HNE	0.31	I
43	SRE_HNE	0.13	-
44	TATR_HNE	0.42	I
45	TESR_HNE	0.11	-
46	TGSR_HNN	0.36	I
47	TIRR_HNN	0.05	-
48	TLBR_HNE	0.12	-
49	TLCR_HNE	0.03	-
50	TNR_HNE	0.03	-
51	TPGR_HNN	0.04	-
52	TUDR_HNE	0.28	I
53	VARL_HNN	0.58	I
54	VASR_HNN	0.38	I
55	VLAD_HNE	0.18	-
56	VOIR_HNE	0.01	-
57	VRI_HNE	0.24	I

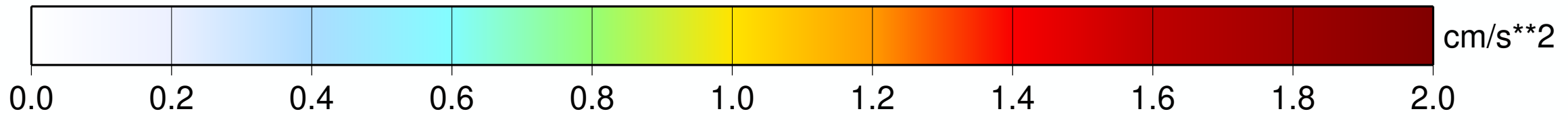
Observed stations accelerations – Antelope platform (cm/sec**2)

Maximum observed acceleration: LEOM_HNZ 1.07

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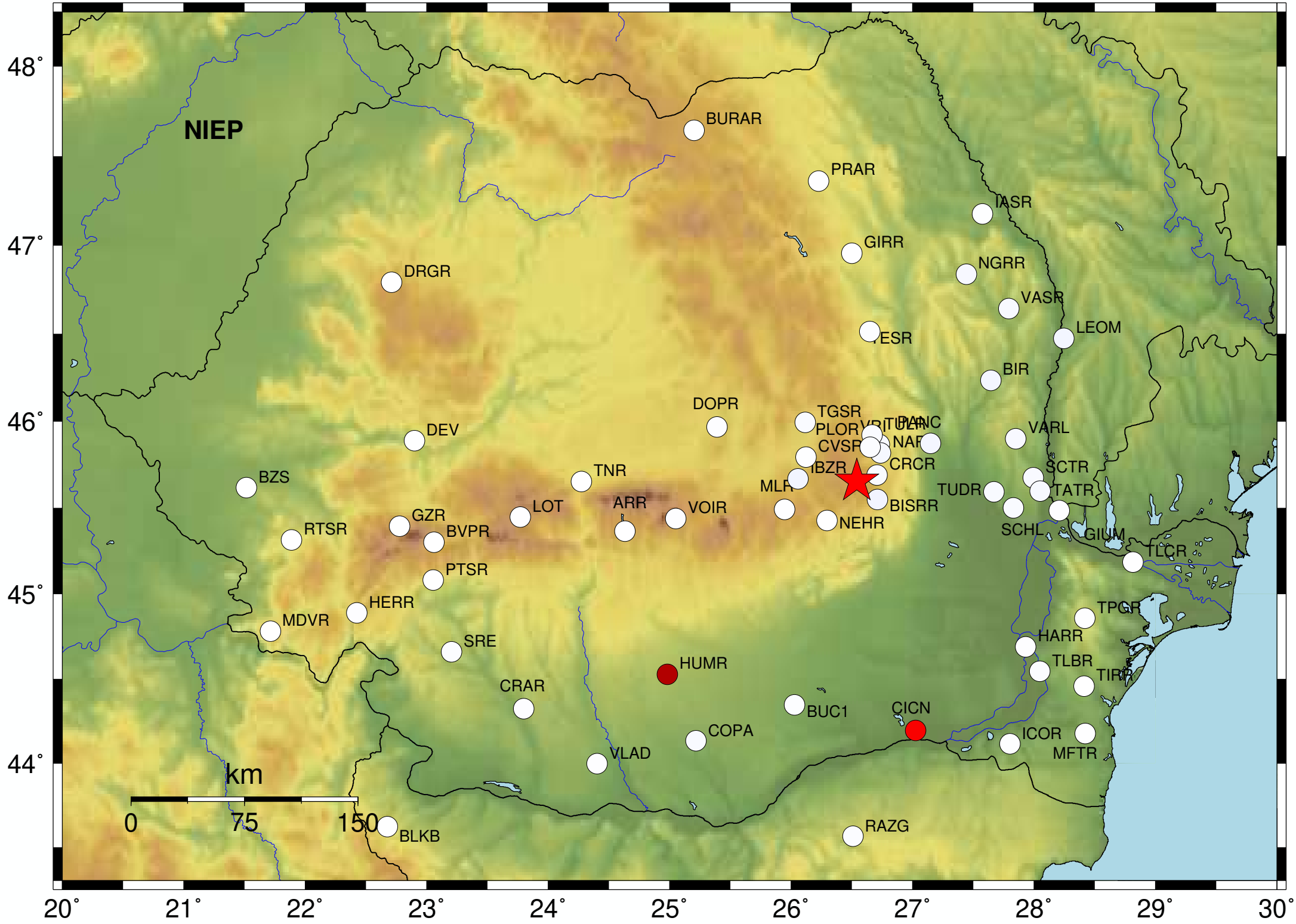
Station	Dist.(km)	Acc.
LEOM	159	1.07
DRGR	320	0.96
PANC	52	0.89
NGRR	148	0.64
BIR	106	0.63
TUDR	87	0.60
VARL	104	0.58
VASR	145	0.50
TATR	117	0.42
TGSR	50	0.36
HUMR	175	0.35
SCHL	101	0.34
HERR	333	0.32
SCTR	112	0.31
TLBR	170	0.26
HARR	152	0.26
CICN	166	0.25
VRI	27	0.24
COPA	198	0.23
GIUM	131	0.22
LOT	217	0.20
IASR	186	0.18
IBZR	37	0.18
VLAD	249	0.18
CRCR	13	0.15
INCR	138	0.14
NEHR	31	0.13
BUC1	150	0.13
DOPR	95	0.13
SRE	284	0.13
TESR	95	0.12
BVPR	274	0.11
PLOR	23	0.11
GIRR	144	0.10
CRAR	261	0.10



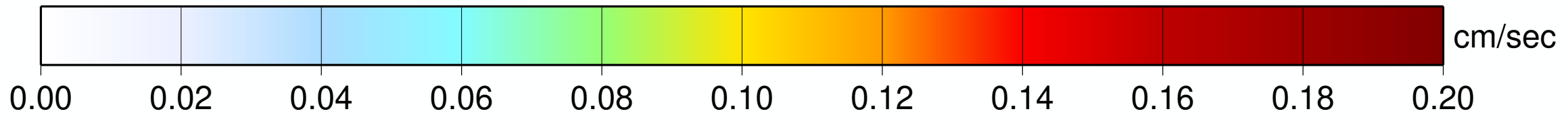
Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: HUMR_HHE 0.17

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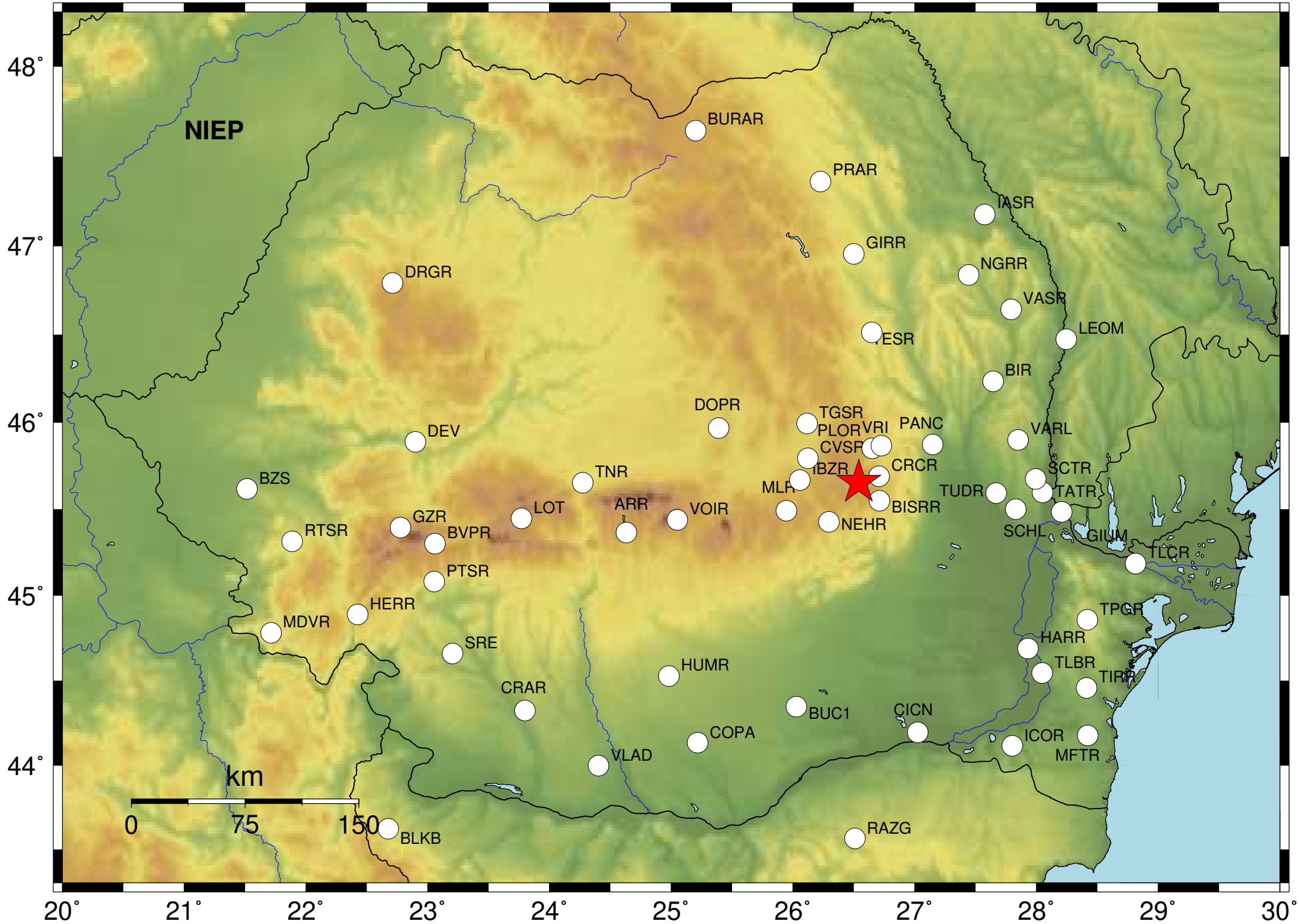
Station	Dist.(km)	Velocity
HUMR	175	0.17
CICN	166	0.14
BISRR	17	0.01
IBZR	37	0.01
LEOM	159	0.01
PANC	52	0.01
BIR	106	0.01
NARR	23	0.01
NGRR	148	0.01
TATR	117	0.01
VRI	27	0.01
VARL	104	0.01
VASR	145	0.01
TUDR	87	0.01
COPA	198	0.01
SCTR	112	0.01
CRCR	13	0.01
TGSR	50	0.01
SCHL	101	0.01
TULR	31	0.00
RAZG	232	0.00
TLBR	170	0.00
PLOR	23	0.00
SRE	284	0.00
TESR	95	0.00
INCR	138	0.00
BUC1	150	0.00
DOPR	95	0.00
GIUM	131	0.00
HERR	333	0.00
VLAD	249	0.00
HARR	152	0.00
VOIR	118	0.00
CRAR	261	0.00
ICOR	197	0.00



Stations intensities

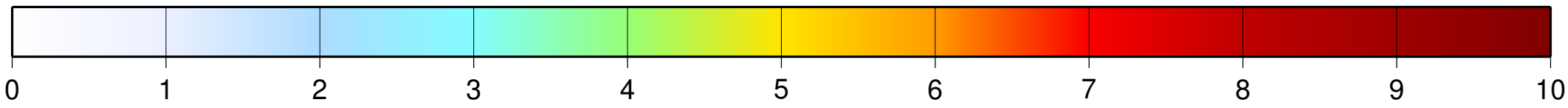
Maximum intensity: DRGR

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Station Dist.(km) lmsk

VRI	28	
VASR	146	
VARL	105	
TUDR	88	
TGSR	50	
TATR	117	
SCTR	113	
PANC	53	
NGRR	149	
LEOM	160	
HUMR	175	
HERR	334	
HARR	153	
GIUM	131	
DRGR	321	
COPA	199	
CICN	167	
BIR	107	
VOIR	119	-
VLAD	250	-
TPGR	172	-
TNR	176	-
TLCR	185	-
TLBR	171	-
TIRR	198	-
TESR	96	-
SRE	284	-
SCHL	102	-
RTSR	365	-
RAZG	232	-
PTSR	280	-
PRAR	191	-
PLOR	23	-
NEHR	32	-
MLR	50	-
MFTR	221	-



MSK intensity scale