

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 12015425

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/12/12	01:54:25.282	45.698	26.580	87.7	3.9		5
Sta	Chan	PGV	PGA				
* 1	TLCR	HHE	0.00				
	TLCR	HHZ	-0.00				
	TLCR	HHN	0.00				
	TLCR	HNZ		-0.06			
	TLCR	HNE		-0.05			
	TLCR	HNN		-0.05			
* 2	BUC	HNN		0.18			
	BUC	HNZ		-0.09			
	BUC	HNE		0.23			
* 3	PGOR	HHE	-0.01				
	PGOR	HHZ	0.00				
	PGOR	HHN	0.00				
	PGOR	HNE		-0.25			
	PGOR	HNZ		0.40			
	PGOR	HNN		0.17			
* 4	TESR	HHN	0.00				
	TESR	HHE	0.00				
	TESR	HHZ	-0.00				
	TESR	HNN		-0.08			
	TESR	HNE		-0.08			
	TESR	HNZ		0.21			
* 5	CPSR	HHN	0.00				
	CPSR	HHE	0.00				
	CPSR	HHZ	-0.00				
* 6	VLDR	HHE	0.02				
	VLDR	HHZ	0.01				
	VLDR	HHN	0.03				
	VLDR	HNN		1.46			
	VLDR	HNZ		1.19			
	VLDR	HNE		-1.13			
* 7	BOSR	HHE	0.00				
	BOSR	HHZ	0.00				
	BOSR	HHN	0.00				
* 8	SCTR	HHN	0.01				
	SCTR	HHZ	0.00				
	SCTR	HHE	-0.01				
	SCTR	HNE		0.29			
	SCTR	HNZ		0.24			
	SCTR	HNN		0.33			
* 9	LEOM	HHN	-0.01				
	LEOM	HHE	0.01				
	LEOM	HHZ	0.01				
	LEOM	HNN		0.73			
	LEOM	HNE		0.63			
	LEOM	HNZ		0.49			
* 10	SULR	HHZ	0.00				

		SULR	HHE	-0.00	
		SULR	HHN	-0.00	
		SULR	HNN		-0.21
		SULR	HNE		0.17
		SULR	HNZ		0.12
*	11	NEGRR	HHE	-0.01	
		NEGRR	HHZ	0.00	
		NEGRR	HHN	0.01	
		NEGRR	HNZ		0.10
		NEGRR	HNE		-0.13
		NEGRR	HNN		-0.10
*	12	TLBR	HHE	-0.01	
		TLBR	HHZ	-0.01	
		TLBR	HHN	0.01	
		TLBR	HNE		-0.24
		TLBR	HNZ		-0.52
		TLBR	HNN		0.34
*	13	ISR	HHN	0.00	
		ISR	HHZ	0.00	
		ISR	HHE	-0.00	
		ISR	HNZ		-0.06
		ISR	HNE		-0.12
		ISR	HNN		-0.08
*	14	CFR	HHN	0.01	
		CFR	HHZ	0.00	
		CFR	HHE	0.00	
		CFR	HNZ		-0.21
		CFR	HNE		-0.27
		CFR	HNN		-0.36
*	15	RMRR	HHN	0.39	
		RMRR	HHE	0.30	
		RMRR	HHZ	-0.16	
		RMRR	HNN		-0.00
		RMRR	HNE		-0.00
		RMRR	HNZ		-0.00
*	16	ODSR	HHZ	0.00	
		ODSR	HHE	-0.00	
		ODSR	HHN	0.00	
		ODSR	HNE		-0.04
		ODSR	HNZ		0.03
		ODSR	HNN		-0.03
*	17	HUMR	HHE	0.00	
		HUMR	HHZ	-0.00	
		HUMR	HHN	-0.00	
		HUMR	HNZ		-0.07
		HUMR	HNE		-0.08
		HUMR	HNN		0.05
*	18	CVSR	HHN	0.00	
		CVSR	HHE	-0.00	
		CVSR	HHZ	0.00	
		CVSR	HNZ		-0.07
		CVSR	HNE		0.14
		CVSR	HNN		0.08
*	19	NGRR	HHZ	-0.00	
		NGRR	HHE	-0.01	
		NGRR	HHN	-0.01	
		NGRR	HNE		-0.56
		NGRR	HNZ		0.37
		NGRR	HNN		-0.56
*	20	PANC	HHZ	0.01	
		PANC	HHE	0.01	
		PANC	HHN	-0.01	
		PANC	HNN		-0.48
		PANC	HNE		-0.48

		PANC	HNZ		0.52
*	21	ARR	HHZ	-0.00	
		ARR	HHE	0.00	
		ARR	HHN	0.00	
		ARR	HNE		0.01
		ARR	HNZ		0.00
		ARR	HNN		-0.01
*	22	VASR	HHZ	-0.01	
		VASR	HHE	-0.02	
		VASR	HHN	0.01	
		VASR	HNN		-0.71
		VASR	HNZ		1.00
		VASR	HNE		0.86
*	23	DRGR	HHN	0.00	
		DRGR	HHZ	0.00	
		DRGR	HHE	0.00	
		DRGR	HNN		0.87
		DRGR	HNZ		1.50
		DRGR	HNE		-0.59
*	24	BISRR	HHN	-0.01	
		BISRR	HHE	0.01	
		BISRR	HHZ	-0.01	
		BISRR	HNN		-0.02
		BISRR	HNE		0.01
		BISRR	HNZ		0.02
*	25	HERR	HHE	-0.00	
		HERR	HHZ	-0.00	
		HERR	HHN	-0.00	
		HERR	HNN		-0.06
		HERR	HNZ		0.02
		HERR	HNE		0.05
*	26	PRAD1	HHZ	-0.00	
		PRAD1	HHE	0.00	
		PRAD1	HHN	-0.00	
*	27	BLKB	HHZ	0.00	
		BLKB	HHE	-0.00	
		BLKB	HHN	0.00	
		BLKB	HNZ		0.02
		BLKB	HNE		0.01
		BLKB	HNN		-0.02
*	28	IBZR	HHE	-0.01	
		IBZR	HHZ	0.00	
		IBZR	HHN	-0.01	
		IBZR	HNZ		0.06
		IBZR	HNE		0.25
		IBZR	HNN		-0.18
*	29	GZR	HHN	0.00	
		GZR	HHE	0.00	
		GZR	HHZ	-0.00	
		GZR	HNN		-0.01
		GZR	HNZ		-0.01
		GZR	HNE		-0.01
*	30	MLR	HHN	0.00	
		MLR	HHE	-0.00	
		MLR	HHZ	0.00	
		MLR	HNE		0.05
		MLR	HNZ		0.05
		MLR	HNN		-0.05
*	31	COPA	HHZ	-0.00	
		COPA	HHE	-0.00	
		COPA	HHN	-0.08	
		COPA	HNE		-0.12
		COPA	HNZ		-0.04
		COPA	HNN		0.06

*	32	TULR	HHZ	-0.01	
		TULR	HHE	-0.00	
		TULR	HHN	-0.01	
*	33	TATR	HHN	0.01	
		TATR	HHZ	0.01	
		TATR	HHE	0.01	
		TATR	HNE		0.66
		TATR	HNZ		-0.93
		TATR	HNN		0.54
*	34	CVDA	EHZ	0.00	
		CVDA	EHE	-0.00	
		CVDA	EHN	-0.00	
		CVDA	HNE		-0.11
		CVDA	HNZ		-0.18
		CVDA	HNN		0.10
*	35	TPGR	HHZ	0.00	
		TPGR	HHE	-0.00	
		TPGR	HHN	0.00	
		TPGR	HNN		0.08
		TPGR	HNZ		0.06
		TPGR	HNE		0.06
*	36	MARR	HHN	-0.00	
		MARR	HHZ	-0.00	
		MARR	HHE	0.00	
		MARR	HNN		-0.00
		MARR	HNZ		-0.00
		MARR	HNE		-0.00
*	37	HARR	HHZ	0.00	
		HARR	HHE	-0.00	
		HARR	HHN	0.00	
		HARR	HNE		-0.41
		HARR	HNZ		0.41
		HARR	HNN		-0.20
*	38	BTMR	EHN	-0.00	
		BTMR	EHZ	0.00	
		BTMR	EHE	0.00	
		BTMR	HNN		0.06
		BTMR	HNE		0.13
		BTMR	HNZ		-0.10
*	39	VLAD	HHN	0.00	
		VLAD	HHZ	-0.00	
		VLAD	HHE	0.00	
		VLAD	HNN		-0.04
		VLAD	HNZ		0.04
		VLAD	HNE		-0.04
*	40	KALB	HHN	-0.00	
		KALB	HHZ	0.00	
		KALB	HHE	-0.00	
		KALB	HNN		-0.00
		KALB	HNZ		-0.00
		KALB	HNE		0.00
*	41	PRAR	HHZ	0.00	
		PRAR	HHE	-0.00	
		PRAR	HHN	-0.00	
		PRAR	HNN		0.05
		PRAR	HNZ		-0.04
		PRAR	HNE		0.05
*	42	IASR	HHN	0.00	
		IASR	HHE	0.00	
		IASR	HHZ	-0.00	
		IASR	HNN		-0.30
		IASR	HNE		-0.41
		IASR	HNZ		-0.24
*	43	CICN	HHE	-0.01	

		CICN	HHZ	0.00	
		CICN	HHN	0.00	
		CICN	HNN		-0.28
		CICN	HNZ		-0.19
		CICN	HNE		-0.57
*	44	SCHL	HHN	0.01	
		SCHL	HHZ	0.00	
		SCHL	HHE	0.01	
		SCHL	HNN		0.22
		SCHL	HNZ		0.41
		SCHL	HNE		0.26
*	45	TIRR	HHE	0.00	
		TIRR	HHZ	0.00	
		TIRR	HHN	0.00	
		TIRR	HNN		0.08
		TIRR	HNZ		0.08
		TIRR	HNE		0.07
*	46	VARL	HHN	0.01	
		VARL	HHE	0.02	
		VARL	HHZ	0.01	
		VARL	HNZ		0.52
		VARL	HNE		0.71
		VARL	HNN		0.87
*	47	PLOR	HHE	0.01	
		PLOR	HHZ	-0.00	
		PLOR	HHN	0.01	
		PLOR	HNE		-0.19
		PLOR	HNZ		0.12
		PLOR	HNN		0.37
*	48	BMR	HHN	-0.00	
		BMR	HHZ	-0.00	
		BMR	HHE	0.00	
		BMR	HNZ		0.00
		BMR	HNE		0.01
		BMR	HNN		0.00
*	49	SBDR	EHZ	0.00	
		SBDR	HNN		-0.03
		SBDR	HNZ		0.01
		SBDR	HNE		0.02
*	50	PLAR	EHN	-0.00	
		PLAR	EHE	-0.00	
		PLAR	EHZ	0.00	
		PLAR	HNN		-0.04
		PLAR	HNZ		0.05
		PLAR	HNE		-0.09
*	51	VRI	HHE	0.02	
		VRI	HHZ	-0.00	
		VRI	HHN	-0.01	
		VRI	HNZ		-0.19
		VRI	HNE		-0.54
		VRI	HNN		0.34
*	52	CJR	HHE	-0.00	
		CJR	HHZ	-0.00	
		CJR	HHN	0.00	
		CJR	HNN		0.00
		CJR	HNZ		0.00
		CJR	HNE		-0.00
*	53	TSMN	EHE	-0.00	
		TSMN	EHZ	0.00	
		TSMN	EHN	0.00	
		TSMN	HNN		-0.04
		TSMN	HNZ		0.04
		TSMN	HNE		0.05
*	54	EFOR	HHN	-0.00	

		EFOR	HHZ	0.00	
		EFOR	HHE	0.01	
		EFOR	HNE		-0.28
		EFOR	HNZ		0.20
		EFOR	HNN		-0.20
*	55	RAZG	HHZ	-0.00	
		RAZG	HHE	-0.00	
		RAZG	HHN	-0.00	
		RAZG	HNE		0.22
		RAZG	HNZ		-0.14
		RAZG	HNN		-0.24
*	56	DOPR	HHN	0.00	
		DOPR	HHE	-0.00	
		DOPR	HHZ	0.00	
		DOPR	HNN		0.05
		DOPR	HNZ		0.05
		DOPR	HNE		0.06
*	57	ELND	HHN	-0.00	
		ELND	HHZ	-0.00	
		ELND	HHE	0.00	
		ELND	HNE		-0.07
		ELND	HNZ		-0.03
		ELND	HNN		0.09
*	58	INCR	EHZ	0.00	
		INCR	EHE	-0.00	
		INCR	EHN	0.00	
		INCR	HNN		0.05
		INCR	HNZ		0.08
		INCR	HNE		-0.08
*	59	TUDR	HHN	0.01	
		TUDR	HHZ	0.01	
		TUDR	HHE	0.03	
		TUDR	HNN		0.50
		TUDR	HNE		-0.73
		TUDR	HNZ		1.29
*	60	DABR	HHE	0.00	
		DABR	HHZ	0.00	
		DABR	HHN	0.00	
		DABR	HNE		-0.10
		DABR	HNZ		-0.07
		DABR	HNN		-0.12
*	61	CRCR	EHN	0.02	
		CRCR	EHZ	0.01	
		CRCR	EHE	-0.01	
		CRCR	HNE		0.22
		CRCR	HNZ		-0.17
		CRCR	HNN		0.33
*	62	TNR	HHN	-0.00	
		TNR	HHZ	-0.00	
		TNR	HHE	-0.00	
		TNR	HNZ		0.38
		TNR	HNE		0.19
		TNR	HNN		-0.17
*	63	VOIR	HHZ	-0.00	
		VOIR	HHE	0.00	
		VOIR	HHN	0.00	
		VOIR	HNZ		-0.01
		VOIR	HNE		-0.01
		VOIR	HNN		-0.01
*	64	SLPR	EHZ	-0.00	
		SLPR	EHE	0.00	
		SLPR	EHN	0.00	
		SLPR	HNZ		-0.06
		SLPR	HNE		-0.04

	SLPR	HNN		-0.05
* 65	NEHR	HHZ	-0.00	
	NEHR	HHE	-0.00	
	NEHR	HNN	0.00	
	NEHR	HNN		0.19
	NEHR	HNE		0.14
	NEHR	HNZ		0.07
* 66	DEV	HNN	0.00	
	DEV	HHZ	-0.00	
	DEV	HHE	0.00	
	DEV	HNZ		0.00
	DEV	HNE		0.01
	DEV	HNN		-0.00
* 67	BURAR	BHN	0.00	
	BURAR	BHZ	-0.00	
	BURAR	BHE	-0.00	
	BURAR	BHZ		0.00
	BURAR	BHE		0.00
	BURAR	BHN		-0.00
* 68	GIUM	EHE	0.00	
	GIUM	EHZ	-0.01	
	GIUM	EHN	-0.00	
	GIUM	HNE		0.31
	GIUM	HNZ		-0.62
	GIUM	HNN		-0.35
* 69	BZS	HNN	-0.00	
	BZS	HHE	0.00	
	BZS	HHZ	0.00	
	BZS	HNN		-0.02
	BZS	HNE		0.00
	BZS	HNZ		-0.00
* 70	BIR	HHE	0.02	
	BIR	HHZ	-0.01	
	BIR	HNN	-0.03	
	BIR	HNZ		-0.53
	BIR	HNE		1.08
	BIR	HNN		1.40
* 71	BUC1	HNN	0.00	
	BUC1	HHZ	-0.00	
	BUC1	HHE	0.00	
	BUC1	HNN		0.06
	BUC1	HNE		-0.10
	BUC1	HNZ		-0.08
* 72	ICOR	HHZ	0.01	
	ICOR	HHE	-0.00	
	ICOR	HNN	0.00	
	ICOR	HNZ		0.24
	ICOR	HNE		-0.14
	ICOR	HNN		0.21

* Associated RO stations: 72
Excluded stations:

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

Velocity	RMRR_HNN	0.39
Acceleration	DRGR_HNZ	1.50
Horizontal acc.	VLDR_HNN	1.46

Stations max. horizontal acceleration and MSK intensity

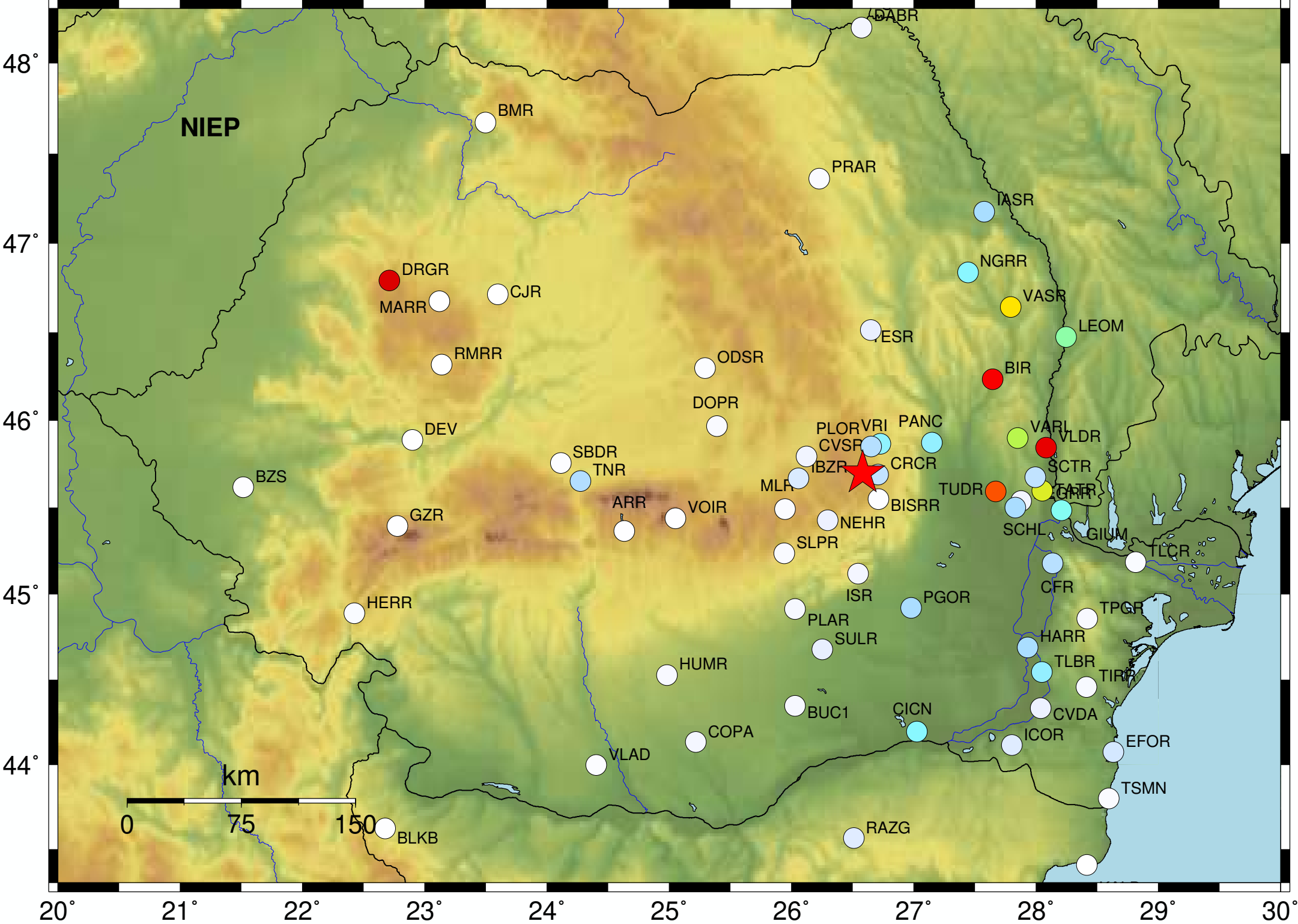
1	ARR_HNE	0.01	-
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2	BIR_HNN	1.40	II
3	BISRR_HNN	0.02	-
4	BLKB_HNN	0.02	-
5	BMR_HNE	0.01	-
6	BTMR_HNE	0.13	-
7	BUC_HNE	0.23	I
8	BUC1_HNE	0.10	-
9	BURAR_HNE		
10	BZS_HNN	0.02	-
11	CFR_HNN	0.36	I
12	CICN_HNE	0.57	I
13	CJR_HNE	0.00	
14	COPA_HNE	0.12	-
15	CRCR_HNN	0.33	I
16	CVDA_HNE	0.11	-
17	CVSR_HNE	0.14	-
18	DABR_HNN	0.12	-
19	DEV_HNE	0.01	-
20	DOPR_HNE	0.06	-
21	DRGR_HNN	0.87	I
22	EFOR_HNE	0.28	I
23	ELND_HNN	0.09	-
24	GIUM_HNN	0.35	I
25	GZR_HNE	0.01	-
26	HARR_HNE	0.41	I
27	HERR_HNN	0.06	-
28	HUMR_HNE	0.08	-
29	IASR_HNE	0.41	I
30	IBZR_HNE	0.25	I
31	ICOR_HNN	0.21	I
32	INCR_HNE	0.08	-
33	ISR_HNE	0.12	-
34	KALB_HNE	0.00	
35	LEOM_HNN	0.73	I
36	MARR_HNE	0.00	
37	MLR_HNE	0.05	-
38	NEGRR_HNE	0.13	-
39	NEHR_HNN	0.19	-
40	NGRR_HNE	0.56	I
41	ODSR_HNE	0.04	-
42	PANC_HNE	0.48	I
43	PGOR_HNE	0.25	I
44	PLAR_HNE	0.09	-
45	PLOR_HNN	0.37	I
46	PRAR_HNE	0.05	-
47	RAZG_HNN	0.24	I
48	RMRR_HNE	0.00	
49	SBDP_HNN	0.03	-
50	SCHL_HNE	0.26	I
51	SCTR_HNN	0.33	I
52	SLPR_HNN	0.05	-
53	SULR_HNN	0.21	I
54	TATR_HNE	0.66	I
55	TESR_HNE	0.08	-
56	TIRR_HNN	0.08	-
57	TLBR_HNN	0.34	I
58	TLCR_HNE	0.05	-
59	TNR_HNE	0.19	-
60	TPGR_HNN	0.08	-

61	TSMN_HNE	0.05	-
62	TUDR_HNE	0.73	I
63	VARL_HNN	0.87	I
64	VASR_HNE	0.86	I
65	VLAD_HNE	0.04	-
66	VLDR_HNN	1.46	II
67	VOIR_HNE	0.01	-
68	VRI_HNE	0.54	I

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

Maximum observed acceleration: DRGR_HNZ 1.50
Fri Dec 12, 2025 01:54:25 GMT ML 3.9 Mb N45.70 E26.58 Depth: 87.7km ID:12015425

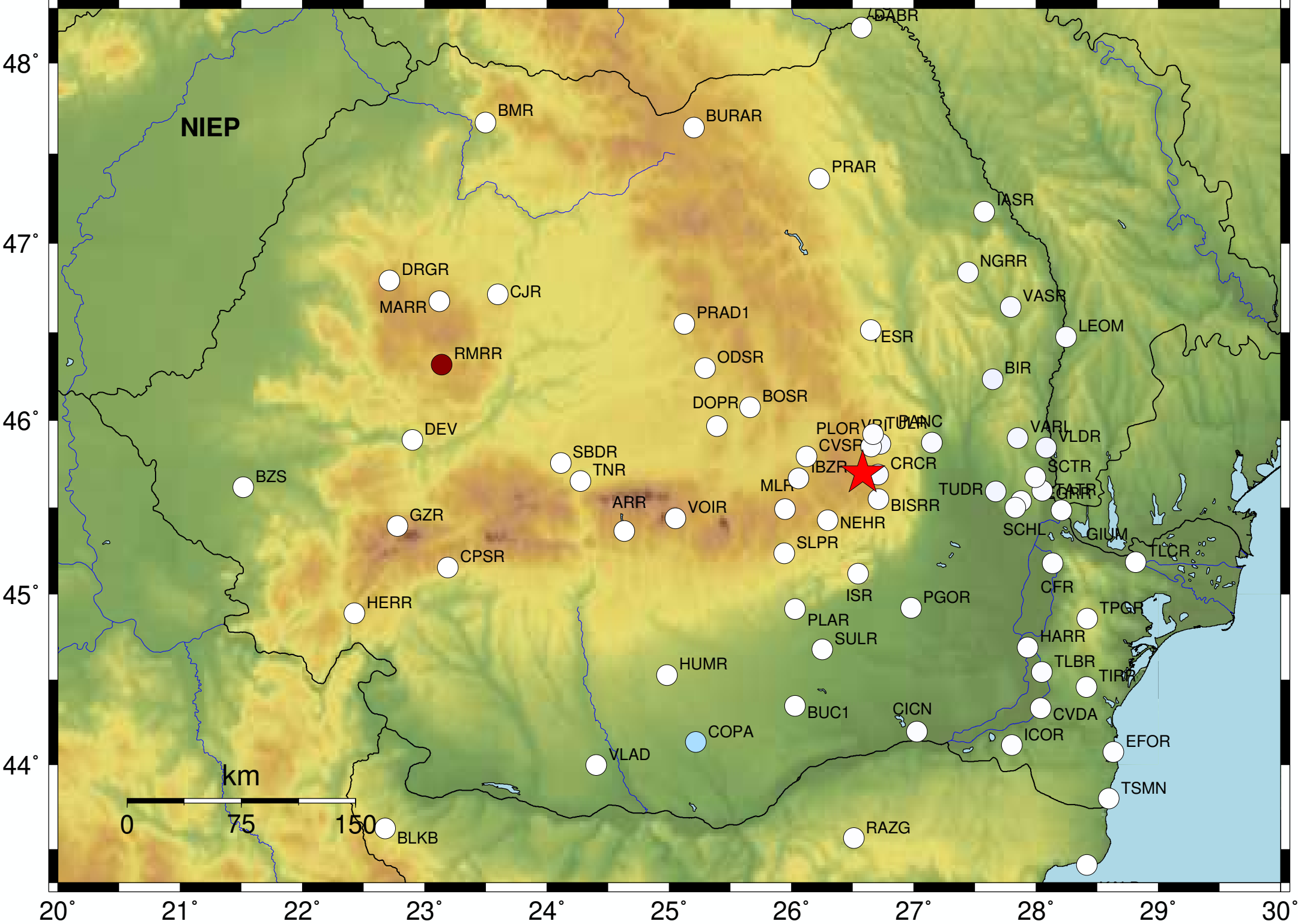


Station	Dist.(km)	Acc.
DRGR	321	1.50
VLDR	117	1.46
BIR	101	1.40
TUDR	85	1.29
VASR	140	1.00
TATR	114	0.93
VARL	100	0.87
LEOM	154	0.73
GIUM	128	0.62
CICN	170	0.57
NGRR	142	0.56
VRI	21	0.54
PANC	48	0.52
TLBR	172	0.52
IASR	181	0.41
HARR	154	0.41
SCHL	99	0.41
PGOR	91	0.40
TNR	179	0.38
PLOR	17	0.37
CFR	134	0.36
SCTR	109	0.33
CRCR	10	0.33
EFOR	242	0.28
IBZR	40	0.25
ICOR	200	0.24
RAZG	237	0.24
BUC	148	0.23
SULR	116	0.21
TESR	90	0.21
NEHR	37	0.19
CVDA	190	0.18
CVSR	37	0.14
BTMR	145	0.13
NEGRR	102	0.13

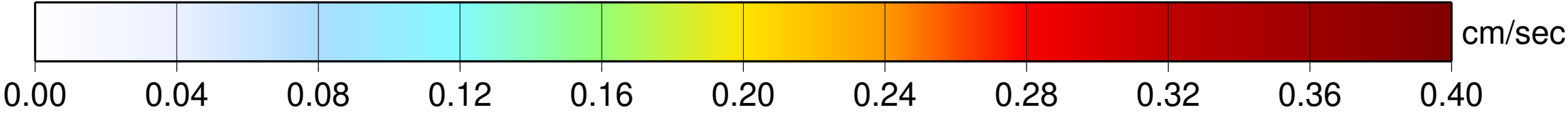


Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: RMRR_HHN 0.39
Fri Dec 12, 2025 01:54:25 GMT ML 3.9 Mb N45.70 E26.58 Depth: 87.7km ID:12015425



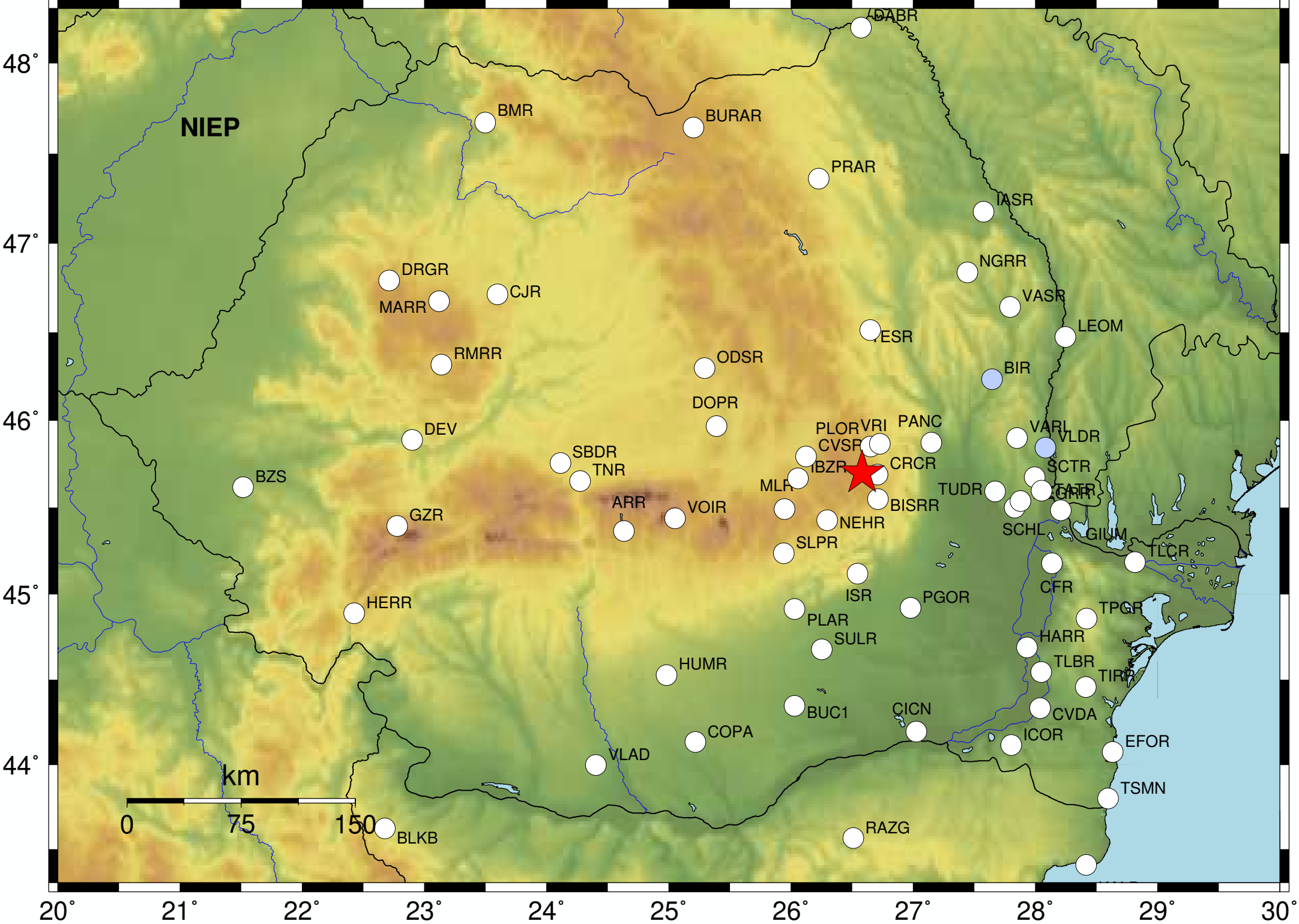
Station	Dist.(km)	Velocity
RMRR	274	0.39
COPA	204	0.08
BIR	101	0.03
TUDR	85	0.03
VLDR	117	0.03
VRI	21	0.02
VARL	100	0.02
CRCR	10	0.02
VASR	140	0.02
TATR	114	0.01
PANC	48	0.01
LEOM	154	0.01
NGRR	142	0.01
CICN	170	0.01
PLOR	17	0.01
BISRR	19	0.01
SCHL	99	0.01
TLBR	172	0.01
IBZR	40	0.01
SCTR	109	0.01
NEGRR	102	0.01
TULR	25	0.01
ICOR	200	0.01
PGOR	91	0.01
CFR	134	0.01
GIUM	128	0.01
EFOR	242	0.01
HARR	154	0.00
RAZG	237	0.00
CVSR	37	0.00
TESR	90	0.00
VOIR	122	0.00
SULR	116	0.00
ISR	64	0.00
IASR	181	0.00



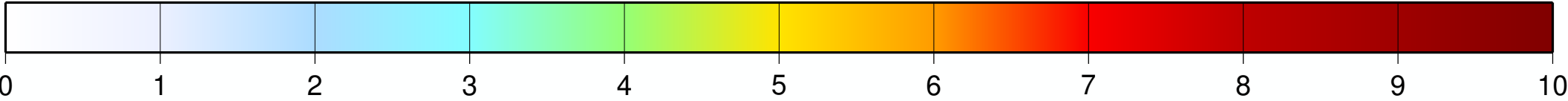
Stations intensities

Maximum intensity: VLDR

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Station	Dist.(km)	Imsk
VLDR	118	II
BIR	101	II
VRI	22	I
VASR	140	I
VARL	101	I
TUDR	85	I
TLBR	172	I
TATR	115	I
SULR	116	I
SCTR	110	I
SCHL	100	I
RAZG	237	I
PLOR	18	I
PGOR	92	I
PANC	48	I
NGRR	143	I
LEOM	155	I
ICOR	200	I
IBZR	41	I
IASR	181	I
HARR	154	I
GIUM	129	I
EFOR	242	I
DRGR	321	I
CRCR	10	I
CICN	171	I
CFR	134	I
BUC	148	I
VOIR	123	-
VLAD	255	-
TSMN	264	-
TPGR	172	-
TNR	179	-
TLCR	183	-
TIRR	199	-
TESR	91	-



MSK intensity scale