

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 24081435

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/03/24	08:14:35.921	45.701	26.703	129.0	3.9		21
Sta	Chan	PGV	PGA				
* 1 MFTR	HHE	0.00					
	MFTR	HHN	0.00				
	MFTR	HHZ	0.00				
	MFTR	HNZ		0.17			
	MFTR	HNN		-0.12			
	MFTR	HNE		0.08			
* 2 ELND	HHZ	0.00					
	ELND	HHN	-0.00				
	ELND	HHE	0.00				
	ELND	HNZ		-0.03			
	ELND	HNE		0.02			
	ELND	HNN		-0.03			
* 3 HARR	HHE	0.00					
	HARR	HHN	-0.01				
	HARR	HHZ	0.00				
	HARR	HNZ		-0.22			
	HARR	HNN		0.24			
	HARR	HNE		0.27			
* 4 TPGR	HHZ	0.00					
	TPGR	HHN	0.00				
	TPGR	HHE	0.00				
	TPGR	HNZ		0.06			
	TPGR	HNE		-0.04			
	TPGR	HNN		0.05			
* 5 BUC1	HHE	0.00					
	BUC1	HHN	-0.00				
	BUC1	HHZ	-0.00				
	BUC1	HNZ		0.21			
	BUC1	HNN		-0.10			
	BUC1	HNE		-0.09			
* 6 TESR	HHZ	-0.00					
	TESR	HHN	-0.00				
	TESR	HHE	0.00				
	TESR	HNZ		0.04			
	TESR	HNE		0.04			
	TESR	HNN		-0.04			
* 7 SRE	HHZ	0.00					
	SRE	HHN	-0.00				
	SRE	HHE	0.00				
	SRE	HNN		-0.03			
	SRE	HNE		-0.02			
	SRE	HNZ		-0.02			
* 8 BIR	HHE	0.02					
	BIR	HHN	0.01				
	BIR	HHZ	-0.01				
	BIR	HNZ		-0.25			

		BIR	HNN		-0.37
		BIR	HNE		0.57
*	9	TLCR	HHZ	-0.00	
		TLCR	HHN	-0.00	
		TLCR	HHE	-0.00	
		TLCR	HNZ		0.05
		TLCR	HNN		0.06
		TLCR	HNE		0.06
*	10	ARR	HHE	0.00	
		ARR	HHN	-0.00	
		ARR	HHZ	-0.00	
		ARR	HNZ		-0.00
		ARR	HNE		-0.00
		ARR	HNN		-0.01
*	11	LEOM	HHZ	-0.02	
		LEOM	HHN	-0.01	
		LEOM	HHE	0.01	
		LEOM	HNE		-0.79
		LEOM	HNN		0.96
		LEOM	HNZ		-1.39
*	12	SCTR	HHN	-0.01	
		SCTR	HHE	-0.01	
		SCTR	HHZ	0.00	
		SCTR	HNE		-0.20
		SCTR	HNN		-0.23
		SCTR	HNZ		0.13
*	13	CFR	HHZ	0.00	
		CFR	HHN	0.01	
		CFR	HHE	0.00	
		CFR	HNN		0.33
		CFR	HNE		0.27
		CFR	HNZ		-0.19
*	14	PLOR	HHE	0.00	
		PLOR	HHN	-0.00	
		PLOR	HHZ	0.00	
		PLOR	HNN		0.10
		PLOR	HNE		-0.08
		PLOR	HNZ		-0.06
*	15	KALB	HHZ	-0.00	
		KALB	HHE	-0.00	
		KALB	HHN	0.00	
		KALB	HNE		-0.00
		KALB	HNN		-0.00
		KALB	HNZ		0.00
*	16	MLR	HHZ	-0.00	
		MLR	HHN	0.00	
		MLR	HHE	0.00	
		MLR	HNE		-0.01
		MLR	HNN		0.01
		MLR	HNZ		-0.01
*	17	IZVR	HHZ	-0.00	
		IZVR	HHE	-0.00	
		IZVR	HHN	0.00	
		IZVR	HNE		-0.08
		IZVR	HNN		-0.05
		IZVR	HNZ		0.04
*	18	ISR	HHZ	0.00	
		ISR	HHE	-0.00	
		ISR	HHN	0.00	
		ISR	HNN		0.08
		ISR	HNE		0.08
		ISR	HNZ		-0.04
*	19	BURAR	BHN	0.00	
		BURAR	BHE	-0.00	

	BURAR	BHZ	-0.00	
	BURAR	BHZ		0.00
	BURAR	BHE		-0.00
	BURAR	BHN		0.00
*	20	TUDR	HHZ	-0.00
		TUDR	HHE	-0.01
		TUDR	HHN	0.01
		TUDR	HNZ	0.41
		TUDR	HNN	0.32
		TUDR	HNE	0.32
*	21	DOPR	HHZ	0.00
		DOPR	HHN	-0.00
		DOPR	HHE	0.01
		DOPR	HNZ	0.39
		DOPR	HNN	-0.60
		DOPR	HNE	-0.73
*	22	VRI	HHN	-0.00
		VRI	HHE	0.01
		VRI	HHZ	-0.00
		VRI	HNN	-0.06
		VRI	HNE	-0.14
		VRI	HNZ	-0.08
*	23	RAZG	HHE	-0.00
		RAZG	HHN	-0.00
		RAZG	HHZ	0.00
		RAZG	HNZ	-0.63
		RAZG	HNN	-0.22
		RAZG	HNE	-0.18
*	24	COPA	HHZ	0.00
		COPA	HHE	0.00
		COPA	HHN	-0.00
		COPA	HNZ	-0.12
		COPA	HNE	-0.14
		COPA	HNN	-0.13
*	25	STFAR	HHN	-0.00
		STFAR	HHE	-0.00
		STFAR	HHZ	-0.00
		STFAR	HNN	0.07
		STFAR	HNE	0.06
		STFAR	HNZ	0.04
*	26	INCR	EHZ	-0.00
		INCR	EHE	0.00
		INCR	EHN	-0.00
		INCR	HNZ	-0.11
		INCR	HNN	-0.10
		INCR	HNE	0.14
*	27	NEGRR	HHE	0.01
		NEGRR	HHN	0.01
		NEGRR	HHZ	0.00
		NEGRR	HNN	-0.10
		NEGRR	HNE	0.09
		NEGRR	HNZ	-0.08
*	28	SGRR	EHE	0.00
		SGRR	EHN	-0.00
		SGRR	EHZ	-0.00
		SGRR	HNE	0.10
		SGRR	HNN	0.06
		SGRR	HNZ	-0.07
*	29	HERR	HHZ	0.00
		HERR	HHE	-0.00
		HERR	HHN	0.00
		HERR	HNZ	-0.05
		HERR	HNE	0.06
		HERR	HNN	0.10

*	30	GISR	EHZ	-0.01	
		GISR	EHN	0.01	
		GISR	EHE	-0.00	
		GISR	HNN		0.30
		GISR	HNE		-0.46
		GISR	HNZ		-0.33
*	31	MANR	HHZ	0.00	
		MANR	HHE	0.00	
		MANR	HHN	-0.00	
		MANR	HNE		-0.08
		MANR	HNN		-0.07
		MANR	HNZ		0.06
*	32	VLDR	HHZ	-0.02	
		VLDR	HHE	0.03	
		VLDR	HHN	-0.03	
		VLDR	HNN		0.91
		VLDR	HNE		1.36
		VLDR	HNZ		-1.56
*	33	IASR	HHZ	0.00	
		IASR	HHN	-0.00	
		IASR	HHE	-0.00	
		IASR	HNZ		0.08
		IASR	HNE		-0.05
		IASR	HNN		-0.04
*	34	EFOR	HHZ	-0.00	
		EFOR	HHE	0.00	
		EFOR	HHN	-0.00	
		EFOR	HNZ		0.12
		EFOR	HNE		0.12
		EFOR	HNN		-0.18
*	35	TIRR	HHZ	0.00	
		TIRR	HHE	0.00	
		TIRR	HHN	-0.00	
		TIRR	HNZ		-0.06
		TIRR	HNE		-0.08
		TIRR	HNN		-0.06
*	36	VASR	HHZ	-0.02	
		VASR	HHN	0.01	
		VASR	HHE	0.01	
		VASR	HNZ		-1.18
		VASR	HNN		0.27
		VASR	HNE		0.34
*	37	TATR	HHE	0.01	
		TATR	HHN	0.01	
		TATR	HHZ	-0.01	
		TATR	HNN		-0.27
		TATR	HNE		-0.44
		TATR	HNZ		0.36
*	38	ICOR	HHZ	0.00	
		ICOR	HHE	-0.00	
		ICOR	HHN	0.00	
		ICOR	HNE		0.07
		ICOR	HNN		0.07
		ICOR	HNZ		-0.10
*	39	CPSR	HHN	0.00	
		CPSR	HHE	-0.00	
		CPSR	HHZ	-0.00	
*	40	TLBR	HHN	0.00	
		TLBR	HHE	0.01	
		TLBR	HHZ	0.01	
		TLBR	HNE		-0.22
		TLBR	HNN		-0.21
		TLBR	HNZ		0.55
*	41	GZR	HHE	-0.00	

	GZR	HHN	-0.00	
	GZR	HHZ	-0.00	
	GZR	HNN		-0.01
	GZR	HNE		-0.01
	GZR	HNZ		-0.01
*	42	ONER	HHE	0.00
		ONER	HHN	-0.00
		ONER	HHZ	-0.00
		ONER	HNE	0.05
		ONER	HNN	-0.02
		ONER	HNZ	-0.02
*	43	SCHL	HHZ	0.00
		SCHL	HHN	-0.01
		SCHL	HHE	0.01
		SCHL	HNZ	-0.26
		SCHL	HNE	-0.26
		SCHL	HNN	0.16
*	44	NARR	HHN	0.01
		NARR	HHE	-0.01
		NARR	HHZ	-0.00
*	45	BOSR	HHN	-0.00
		BOSR	HHE	0.00
		BOSR	HHZ	0.00
*	46	CVSR	HHZ	-0.00
		CVSR	HHE	-0.00
		CVSR	HHN	0.00
		CVSR	HNZ	-0.04
		CVSR	HNE	-0.03
		CVSR	HNN	-0.05
*	47	SCHLR	HHZ	0.00
		SCHLR	HHE	0.00
		SCHLR	HHN	0.00
		SCHLR	HNZ	-0.05
		SCHLR	HNE	0.12
		SCHLR	HNN	0.09
*	48	TULR	HHZ	0.00
		TULR	HHE	0.00
		TULR	HHN	0.00
*	49	ODBI	EHZ	0.01
		ODBI	EHN	-0.00
		ODBI	EHE	-0.01
		ODBI	HNE	0.32
		ODBI	HNN	0.16
		ODBI	HNZ	-0.33
*	50	MTUR	EHZ	0.00
		MTUR	HNN	-0.03
		MTUR	HNE	-0.02
		MTUR	HNZ	-0.01
*	51	NEHR	HHZ	-0.00
		NEHR	HHE	0.00
		NEHR	HHN	0.00
		NEHR	HNZ	-0.04
		NEHR	HNE	-0.05
		NEHR	HNN	-0.05
*	52	CICN	HHN	-0.00
		CICN	HHE	-0.10
		CICN	HHZ	-0.00
		CICN	HNE	0.35
		CICN	HNN	0.32
		CICN	HNZ	-0.13
*	53	CVDA	EHZ	-0.00
		CVDA	EHN	0.00
		CVDA	EHE	0.00
		CVDA	HNZ	-0.21

	CVDA	HNN		0.12
	CVDA	HNE		-0.13
*	54	PANC	HHZ	0.00
		PANC	HHE	-0.02
		PANC	HHN	0.01
		PANC	HNZ	0.61
		PANC	HNN	1.31
		PANC	HNE	-1.66
*	55	AMRR	HHE	0.00
		AMRR	HHN	-0.00
		AMRR	HHZ	-0.00
		AMRR	HNN	0.09
		AMRR	HNE	-0.11
		AMRR	HNZ	-0.15
*	56	CRCR	EHZ	-0.00
		CRCR	EHE	-0.00
		CRCR	EHN	0.00
		CRCR	HNZ	0.08
		CRCR	HNN	0.09
		CRCR	HNE	-0.08
*	57	VOIR	HHE	0.00
		VOIR	HHN	0.00
		VOIR	HHZ	0.00
		VOIR	HNN	0.00
		VOIR	HNE	0.01
		VOIR	HNZ	-0.00
*	58	IBZR	HHN	-0.03
		IBZR	HHE	-0.01
		IBZR	HHZ	0.00
		IBZR	HNZ	0.07
		IBZR	HNE	-0.18
		IBZR	HNN	-0.15
*	59	SULR	HHZ	0.00
		SULR	HHE	0.01
		SULR	HHN	0.01
		SULR	HNN	0.36
		SULR	HNE	-0.22
		SULR	HNZ	0.12
*	60	VARL	HHZ	-0.00
		VARL	HHN	-0.01
		VARL	HHE	-0.01
		VARL	HNE	0.27
		VARL	HNN	0.41
		VARL	HNZ	-0.21
*	61	BISRR	HHZ	0.00
		BISRR	HHE	-0.00
		BISRR	HHN	0.00
		BISRR	HNN	-0.05
		BISRR	HNE	-0.05
		BISRR	HNZ	0.04

* Associated RO stations: 61

Excluded stations:

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

Velocity	CICN_HHE	0.10
Acceleration	PANC_HNE	1.66

Stations max. horizontal acceleration and MSK intensity

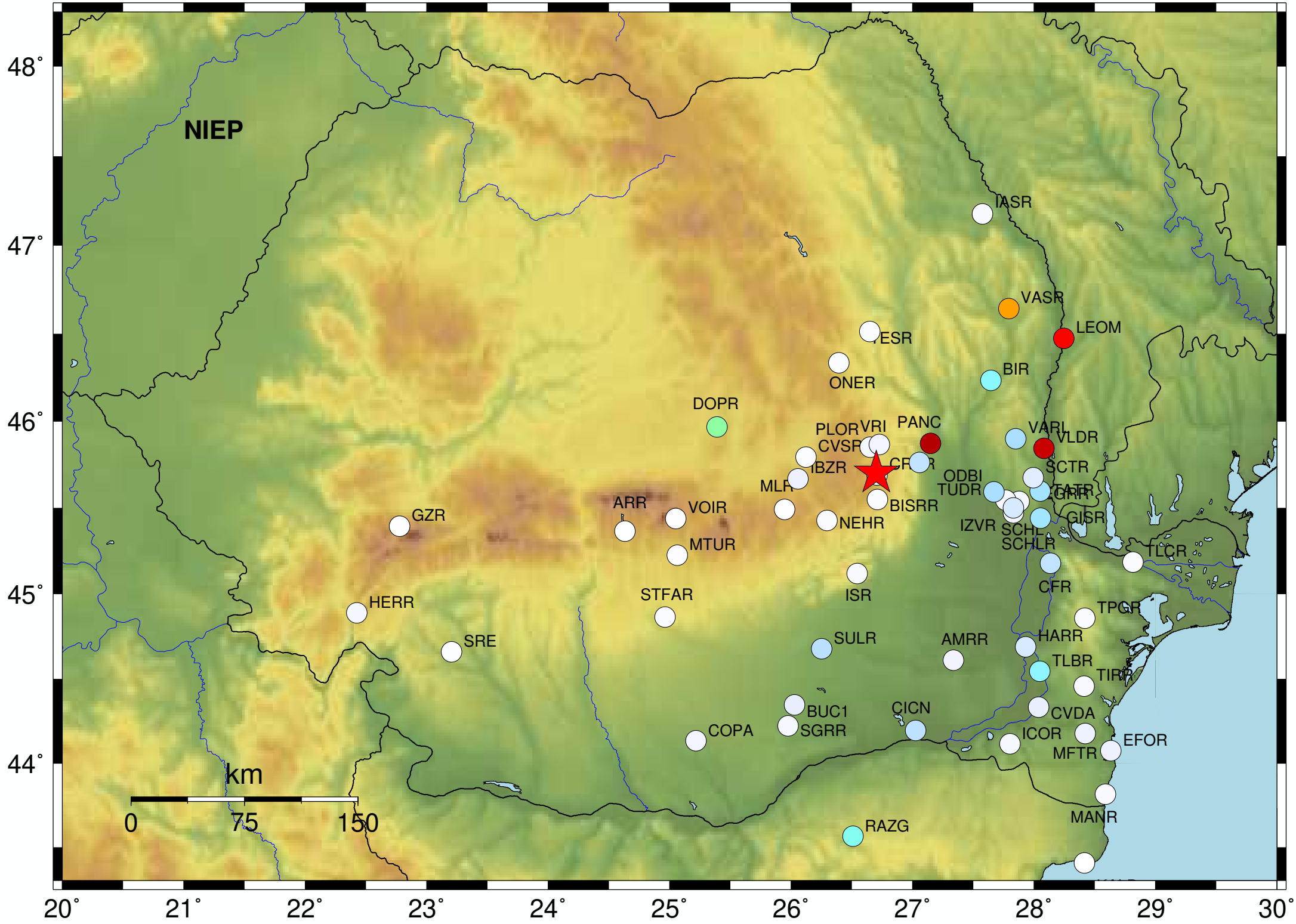
1	AMRR_HNE	0.11	-
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2	ARR_HNN	0.01	-
3	BIR_HNE	0.57	I
4	BISRR_HNE	0.05	-
5	BUC1_HNN	0.10	-
6	BURAR_HNE		
7	CFR_HNN	0.33	I
8	CICN_HNE	0.35	I
9	COPA_HNE	0.14	-
10	CRCR_HNN	0.09	-
11	CVDA_HNE	0.13	-
12	CVSR_HNN	0.05	-
13	DOPR_HNE	0.73	I
14	EFOR_HNN	0.18	-
15	ELND_HNN	0.03	-
16	GISR_HNE	0.46	I
17	GZR_HNE	0.01	-
18	HARR_HNE	0.27	I
19	HERR_HNN	0.10	-
20	IASR_HNE	0.05	-
21	IBZR_HNE	0.18	-
22	ICOR_HNE	0.07	-
23	INCR_HNE	0.14	-
24	ISR_HNE	0.08	-
25	IZVR_HNE	0.08	-
26	KALB_HNE	0.00	
27	LEOM_HNN	0.96	I
28	MANR_HNE	0.08	-
29	MFTR_HNN	0.12	-
30	MLR_HNE	0.01	-
31	MTUR_HNN	0.03	-
32	NEGRR_HNN	0.10	-
33	NEHR_HNE	0.05	-
34	ODBI_HNE	0.32	I
35	ONER_HNE	0.05	-
36	PANC_HNE	1.66	II
37	PLOR_HNN	0.10	-
38	RAZG_HNN	0.22	I
39	SCHL_HNE	0.26	I
40	SCHLR_HNE	0.12	-
41	SCTR_HNN	0.23	I
42	SGRR_HNE	0.10	-
43	SRE_HNN	0.03	-
44	STFAR_HNN	0.07	-
45	SULR_HNN	0.36	I
46	TATR_HNE	0.44	I
47	TESR_HNE	0.04	-
48	TIRR_HNE	0.08	-
49	TLBR_HNE	0.22	I
50	TLCR_HNE	0.06	-
51	TPGR_HNN	0.05	-
52	TUDR_HNE	0.32	I
53	VARL_HNN	0.41	I
54	VASR_HNE	0.34	I
55	VLDR_HNE	1.36	II
56	VOIR_HNE	0.01	-
57	VRI_HNE	0.14	-

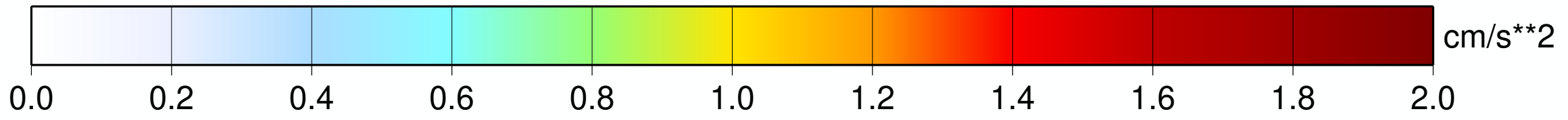
Observed stations accelerations – Antelope platform (cm/sec**2)

Maximum observed acceleration: PANC_HNE 1.66

Mon Mar 24, 2025 08:14:35 GMT ML 3.9 Mb N45.70 E26.70 Depth: 129.0km ID:2408143



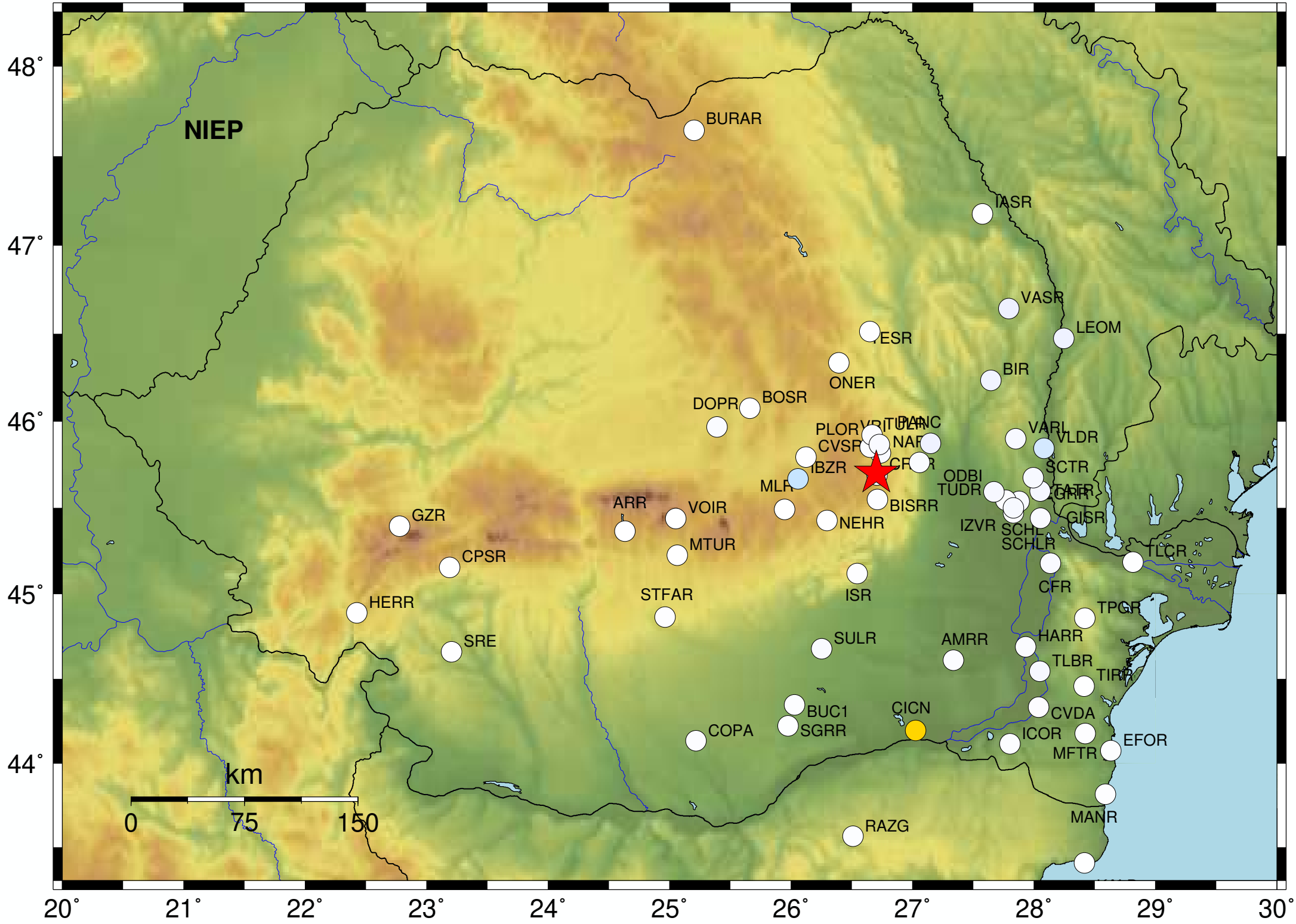
Station	Dist.(km)	Acc.
PANC	39	1.66
VLDR	108	1.56
LEOM	146	1.39
VASR	134	1.18
DOPR	106	0.73
RAZG	237	0.63
BIR	93	0.57
TLBR	166	0.55
GISR	109	0.46
TATR	105	0.44
VARL	91	0.41
TUDR	76	0.41
SULR	119	0.36
CICN	169	0.35
CFR	126	0.33
ODBI	28	0.33
HARR	147	0.27
SCHL	90	0.26
SCTR	100	0.23
BUC1	159	0.21
CVDA	184	0.21
IBZR	50	0.18
EFOR	236	0.18
MFTR	216	0.17
AMRR	131	0.15
COPA	209	0.14
INCR	146	0.14
VRI	18	0.14
SCHLR	91	0.12
PLOR	17	0.10
HERR	346	0.10
NEGRR	93	0.10
ICOR	196	0.10
SGRR	174	0.10
CRCR	1	0.09



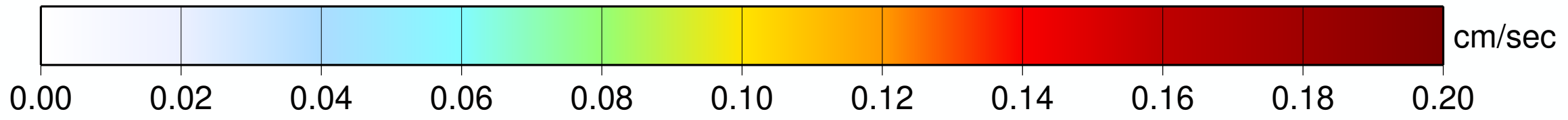
Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: C1CN_HHE 0.10

Mon Mar 24, 2025 08:14:35 GMT ML 3.9 Mb N45.70 E26.70 Depth: 129.0km ID:2408143



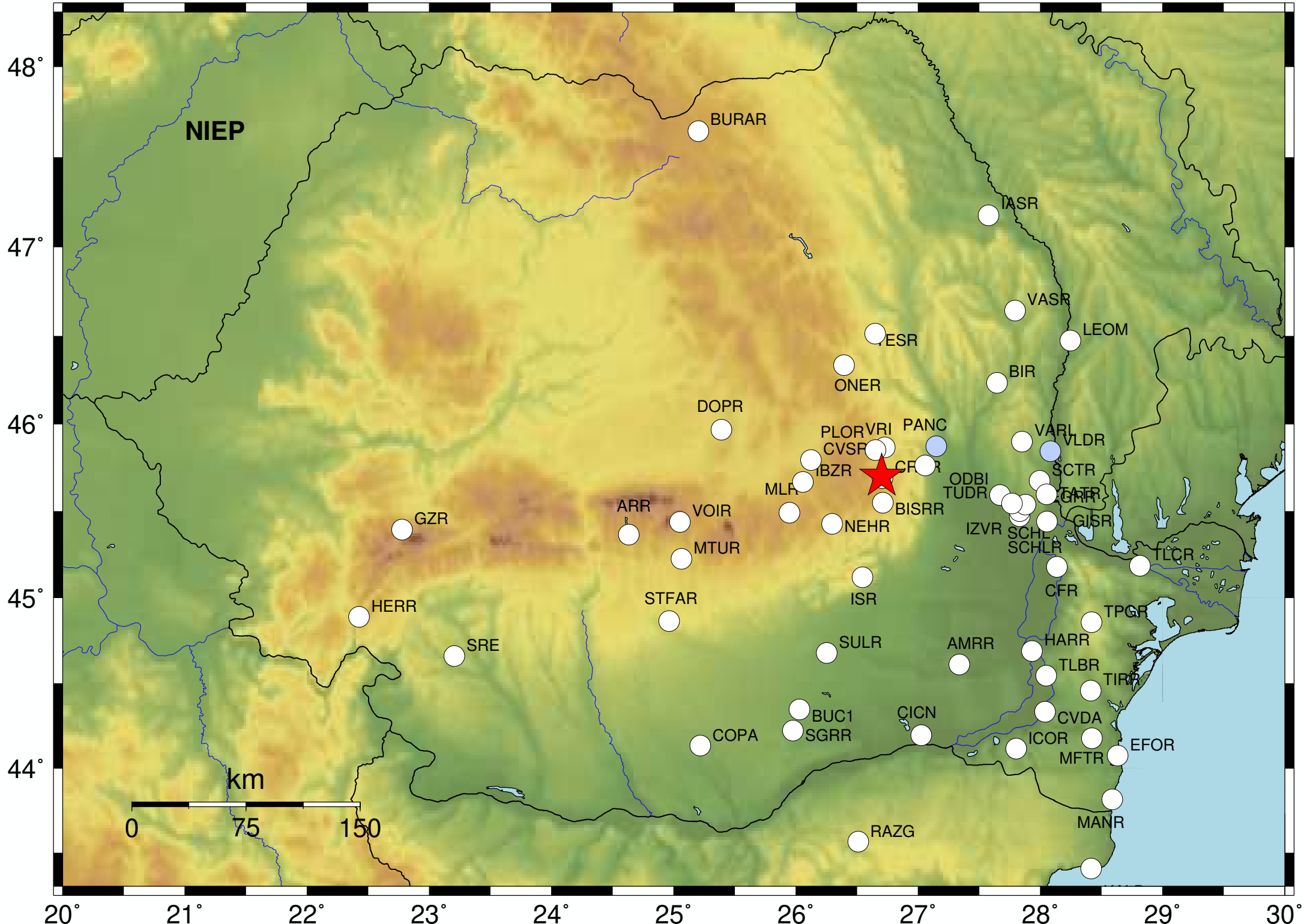
Station	Dist.(km)	Velocity
C1CN	169	0.10
IBZR	50	0.03
VLDR	108	0.03
VASR	134	0.02
PANC	39	0.02
LEOM	146	0.02
BIR	93	0.02
TATR	105	0.01
TLBR	166	0.01
TUDR	76	0.01
SCTR	100	0.01
SCHL	90	0.01
VARL	91	0.01
NEGRR	93	0.01
NARR	13	0.01
VRI	18	0.01
GISR	109	0.01
CFR	126	0.01
SULR	119	0.01
ODBI	28	0.01
HARR	147	0.01
DOPR	106	0.01
TULR	24	0.00
SCHLR	91	0.00
PLOR	17	0.00
CRCR	1	0.00
IZVR	84	0.00
COPA	209	0.00
CVDA	184	0.00
AMRR	131	0.00
BISRR	17	0.00
ICOR	196	0.00
BUC1	159	0.00
INCR	146	0.00
RAZG	237	0.00



Stations intensities

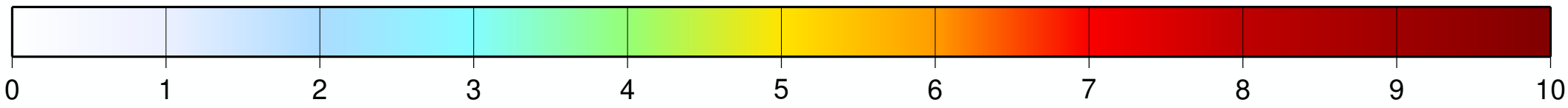
Maximum intensity: PANC

Mon Mar 24, 2025 08:14:35 GMT ML 3.9 Mb N45.70 E26.70 Depth: 129.0km ID:2408143!



Station	Dist.(km)	Imsk
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VLDR	108	
PANC	39	
VASR	134	
VARL	92	
TUDR	76	
TLBR	166	
TATR	105	
SULR	119	
SCTR	100	
SCHL	90	
RAZG	238	
ODBI	28	
LEOM	147	
HARR	148	
GISR	109	
DOPR	106	
CICN	169	
CFR	126	
BIR	94	
VRI	18	-
VOIR	132	-
TPGR	164	-
TLCR	174	-
TIRR	193	-
TESR	90	-
STFAR	165	-
SRE	298	-
SGRR	174	-
SCHLR	92	-
PLOR	17	-
ONER	74	-
NEHR	44	-
NEGRR	93	-
MTUR	137	-
MLR	63	-
MFTR	217	-



MSK intensity scale