National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 25021107

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/10/25	02:11:07.974	45.673	26.704	127.9	4.2		11

		Sta	Chan	PGV	PGA
*	1	MDVR	HHN	-0.00	
		MDVR	HHZ	0.00	
		MDVR	HHE	0.00	
*	2	COPA	HHN	-0.29	
		COPA	HHZ	-0.00	
		COPA	HHE	0.02	
*	3	CRAR	HHE	-0.00	
		CRAR	HHZ	0.00	
		CRAR	HHN	0.00	
*	4	EFOR	HHN	-0.00	
		EFOR	HHZ	0.00	
		EFOR	HHE	0.00	
*	5	DRGR	HHE	0.00	
		DRGR	HHZ	0.00	
		DRGR	HHN	0.00	
		DRGR	HNN		1.24
		DRGR	HNZ		-1.67
		DRGR	HNE		1.57
*	6	SCTR	HHZ	-0.01	
		SCTR	HHN	-0.01	
		SCTR	HHE	0.01	
		SCTR	HNE		-0.43
		SCTR	HNZ		0.28
		SCTR	HNN		0.53
*	7	INCR	EHZ	-0.01	
		INCR	EHN	-0.01	
		INCR	EHE	-0.01	
*	8	INXR	EHE	0.00	
		INXR	EHN	-0.00	
		INXR	EHZ	-0.00	
*	9	PRAD1	HHZ	-0.00	
		PRAD1	HHN	0.00	
		PRAD1	HHE	0.00	
*	10	TLCR	HHE	-0.00	
		TLCR	HHZ	-0.00	
		TLCR	HHN	-0.00	
*	11	PANC	HHE	-0.01	
		PANC	HHZ	0.01	
		PANC	HHN	-0.01	
		PANC	HNE		-0.55
		PANC	HNN		-0.46
		PANC	HNZ		0.46
*	12	HERR	HHE	-0.00	
		HERR	HHN	-0.00	
		HERR	HHZ	-0.00	
*	13	DEV	HHZ	-0.00	

		DEV	HHN	0.00	
		DEV	HHE	-0.00	
*	14	LEHL	HHZ	0.02	
		LEHL	HHN	-0.03	
		LEHL	HHE	0.05	
		LEHL	HNE		1.71
		LEHL	HNZ		-1.69
		LEHL	HNN		-1.19
*	15	TCAR	EHE	0.00	
		TCAR	EHN	0.00	
		TCAR	EHZ	-0.00	
*	16	SRE	HHN	-0.00	
		SRE	HHZ	0.00	
		SRE	HHE	-0.00	
*	17	CPSR	HHZ	-0.00	
		CPSR	HHN	0.00	
		CPSR	HHE	-0.00	
*	18	IBZR	HHE	0.02	
		IBZR	HHZ	-0.00	
		IBZR	HHN	-0.01	
*	19	GZR	HHN	0.00	
		GZR	HHZ	0.00	
		GZR	HHE	0.00	
*	20	BISRR	HHN	0.01	
		BISRR	HHZ	0.01	
		BISRR	HHE	-0.01	
		BISRR	HNE		-0.01
		BISRR	HNN		-0.03
		BISRR	HNZ		0.02
*	21	BVPR	EHN	0.00	
		BVPR	EHZ	0.00	
		BVPR	EHE	0.00	
*	22	ONER	HHN	-0.00	
		ONER	HHZ	-0.00	
		ONER	HHE	0.00	
*	23	ARR	HHE	0.00	
		ARR	HHZ	-0.00	
		ARR	HHN	-0.00	
*	24	PTSR	HHN	-0.00	
		PTSR	HHZ	-0.00	
		PTSR	HHE	0.00	
*	25	MTUR	EHZ	-0.00	
*	26	TNR	HHN	-0.00	
		TNR	HHZ	-0.00	
		TNR	HHE	0.00	
*	27	TSCT	EHN	-0.00	
		TSCT	EHZ	-0.00	
		TSCT	EHE	0.00	
*	28	BOSR	HHN	-0.00	
		BOSR	HHZ	0.00	
		BOSR	HHE	-0.00	
*	29	DALR	HHZ	0.01	
		DALR	HHN	0.02	
		DALR	HHE	-0.02	
*	30	LELR	HHN	-0.00	
		LELR	HHZ	-0.00	
		LELR	HHE	-0.00	
*	31	BURAR	BHE	-0.00	
		BURAR	BHN	0.00	
		BURAR	BHZ	-0.00	
		BURAR	BHE		-0.00
		BURAR	BHN		0.00
		BURAR	BHZ		0.00
*	32	PRAR	HHN	-0.00	

		PRAR	HHZ	0.00	
		PRAR	HHE	-0.00	
*	33	RTSR	HHE	0.00	
		RTSR	HHN	0.00	
		RTSR	HHZ	0.00	
*	34	TIRR	HHE	0.00	
		TIRR	HHZ	0.00	
		TIRR	HHN	-0.00	
*	35	CVDA	EHE	0.00	
		CVDA	EHN	-0.00	
		CVDA	EHZ	-0.02	
*	36	PLAR	EHE	0.04	
		PLAR	EHN	0.02	
		PLAR	EHZ	-0.01	
*	37	VOIR	HHE	0.00	
		VOIR	HHZ	-0.00	
		VOIR	HHN	-0.00	
		VOIR	HNZ		0.03
		VOIR	HNN		-0.05
		VOIR	HNE		0.03
*	38	BAIL	HHN	-0.00	
		BAIL	HHZ	0.00	
		BAIL	HHE	0.00	
*	39	DOPR	HHZ	-0.01	
		DOPR	HHN	-0.01	
		DOPR	HHE	0.00	
		DOPR	HNE		0.21
		DOPR	HNN		0.22
		DOPR	HNZ		-0.24
*	40	SULR	HHZ	0.02	
		SULR	HHN	-0.03	
		SULR	HHE	0.05	
		SULR	HNE		1.42
		SULR	HNZ		-0.75
		SULR	HNN		1.58
*	41	VASR	HHN	-0.01	
		VASR	HHZ	0.01	
		VASR	HHE	0.02	
*	42	PLOR	HHN	-0.01	
		PLOR	HHZ	0.00	
		PLOR	HHE	0.01	
		PLOR	HNZ		0.16
		PLOR	HNN		-0.31
		PLOR	HNE		0.31
*	43	SBDR	EHZ	-0.00	
*	44	CFR	HHN	-0.02	
		CFR	HHZ	0.01	
		CFR	HHE	0.01	
*	45	TLBR	HHE	0.01	
		TLBR	HHZ	0.02	
		TLBR	HHN	0.01	
		TLBR	HNN		0.54
		TLBR	HNZ		1.46
		TLBR	HNE		0.34
*	46	BUC1	HHN	-0.03	
		BUC1	HHZ	-0.02	
		BUC1	HHE	0.01	
		BUC1	HNZ		-1.08
*	47	PGOR	HHE	0.02	
		PGOR	HHZ	0.02	
		PGOR	HHN	-0.02	
*	48	AMRR	HHN	0.01	
		AMRR	HHZ	0.01	
		AMRR	HHE	0.01	

*	49	NARR	HHN	0.02	
		NARR	HHZ	-0.01	
		NARR	HHE	0.02	
*	50	TUDR	HHE	-0.02	
		TUDR	HHZ	0.01	
		TUDR	HHN	0.02	
		TUDR	HNN		0.80
		TUDR	HNZ		-1.24
		TUDR	HNE		-0.90
*	51	STFAR	HHE	0.01	
		STFAR	HHZ	-0.00	
		STFAR	HHN	-0.01	
*	52	TESR	HHZ	-0.00	
		TESR	HHN	0.00	
		TESR	HHE	0.00	
		TESR	HNZ		0.17
		TESR	HNN		-0.20
		TESR	HNE		-0.15
*	53	HARR	HHE	0.01	
		HARR	HHN	0.01	
		HARR	HHZ	-0.01	
*	54	VRI	HHZ	-0.01	
		VRI	HHN	0.01	
		VRI	HHE	0.02	
		VRI	HNE		-0.60
		VRI	HNN		0.28
		VRI	HNZ		0.26
*	55	SCHL	HHZ	-0.01	
		SCHL	HHN	-0.02	
		SCHL	HHE	-0.01	
		SCHL	HNN		0.59
		SCHL	HNZ		-0.48
		SCHL	HNE		0.44
*	56	NGRR	HHZ	0.01	
		NGRR	HHN	0.01	
		NGRR	HHE	-0.01	
*	57	NEHR	HHE	0.00	
		NEHR	HHZ	-0.00	
		NEHR	HHN	-0.00	
		NEHR	HNE		-0.25
		NEHR	HNZ		-0.17
		NEHR	HNN		-0.34
*	58	GIUM	EHZ	-0.00	
		GIUM	EHN	-0.01	
		GIUM	EHE	0.01	
*	59	CICN	HHZ	0.01	
		CICN	HHN	0.01	
		CICN	HHE	0.01	
*	60	ISR	HHE	-0.01	
		ISR	HHN	0.01	
		ISR	HHZ	0.01	
		ISR	HNN		0.35
		ISR	HNZ		0.25
		ISR	HNE		0.38
*	61	MLR	HHE	-0.01	
		MLR	HHN	0.01	
		MLR	HHZ	-0.00	
		MLR	HNZ		0.06
		MLR	HNN		-0.11
		MLR	HNE		0.10
*	62	CRCR	EHE	-0.02	
		CRCR	EHZ	-0.01	
		CRCR	EHN	-0.02	
*	63	NEGRR	HHE	-0.01	

		NEGRR	HHN	-0.01	
		NEGRR	HHZ	-0.00	
		NEGRR	HNN		-0.18
		NEGRR	HNZ		0.13
		NEGRR	HNE		0.17
*	64	BIR	HHN	0.01	
		BIR	HHZ	-0.01	
		BIR	HHE	0.02	
		BIR	HNN		0.55
		BIR	HNZ		-0.50
		BIR	HNE		-0.77
*	65	TULR	HHE	-0.01	
		TULR	HHZ	-0.01	
		TULR	HHN	0.01	
*	66	TPGR	HHZ	-0.00	
		TPGR	HHN	0.00	
		TPGR	HHE	-0.00	
		TPGR	HNE		0.10
		TPGR	HNN		0.11
		TPGR	HNZ		0.09
*	67	ODBI	EHZ	0.01	
		ODBI	EHN	0.02	
		ODBI	EHE	0.01	
		ODBI	HNZ		0.68
		ODBI	HNN		-0.37
		ODBI	HNE		0.43
*	68	CVSR	HHZ	0.00	
		CVSR	HHN	0.01	
		CVSR	HHE	-0.01	
*	69	HUMR	HHE	-0.02	
		HUMR	HHZ	0.06	
		HUMR	HHN	-0.02	
*	70	GISR	EHE	0.00	
		GISR	EHZ	0.01	
		GISR	EHN	0.01	
*	71	IASR	HHE	0.00	
		IASR	HHN	0.00	
		IASR	HHZ	0.00	
*	72	MFTR	HHZ	0.01	
		MFTR	HHN	0.01	
		MFTR	HHE	0.01	
*	73	BZS	HHN	0.00	
		BZS	HHZ	0.00	
		BZS	HHE	-0.00	
*	74	CJR	HHN	0.00	
		CJR	HHZ	0.00	
		CJR	HHE	0.00	
*	75	ICOR	HHZ	0.02	
		ICOR	HHN	-0.01	
		ICOR	HHE	-0.01	
*	76	LOT	HHE	0.00	
		LOT	HHN	-0.00	
		LOT	HHZ	-0.00	
		LOT	HNE		0.03
		LOT	HNN		0.03
		LOT	HNZ		0.03

* Associated RO stations: 76
Excluded stations:

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

Velocity	COPA_HHN	0.29

Acceleration LEHL_HNE 1.71

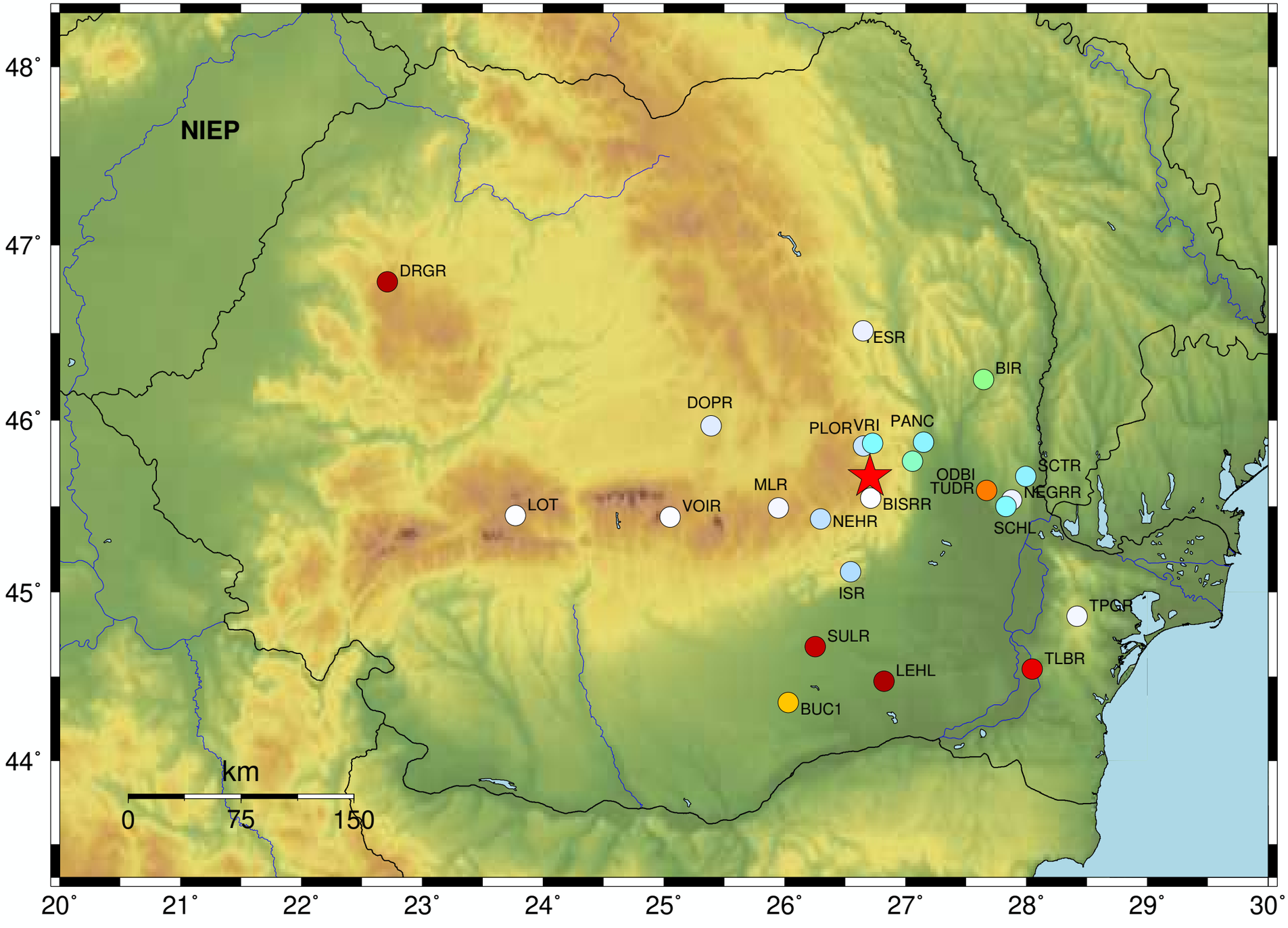
Stations max. horizontal acceleration and MSK intensity

1	BIR_HNE	0.77	I
2	BISRR_HNN	0.03	-
3	BURAR_HNE		
4	DOPR_HNN	0.22	I
5	DRGR_HNE	1.57	II
6	ISR_HNE	0.38	I
7	LEHL_HNE	1.71	II
8	LOT_HNE	0.03	-
9	MLR_HNN	0.11	-
10	NEGRR_HNN	0.18	-
11	NEHR_HNN	0.34	I
12	ODBI_HNE	0.43	I
13	PANC_HNE	0.55	I
14	PLOR_HNE	0.31	I
15	SCHL_HNN	0.59	I
16	SCTR_HNN	0.53	I
17	SULR_HNN	1.58	II
18	TESR_HNN	0.20	-
19	TLBR_HNN	0.54	I
20	TPGR_HNN	0.11	-
21	TUDR_HNE	0.90	I
22	VOIR_HNN	0.05	-
23	VRI_HNE	0.60	I

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

Maximum observed acceleration: LEHL_HNE 1.71

Sat Oct 25, 2025 02:11:07 GMT ML 4.2 Mb N45.67 E26.70 Depth: 127.9km ID:25021107

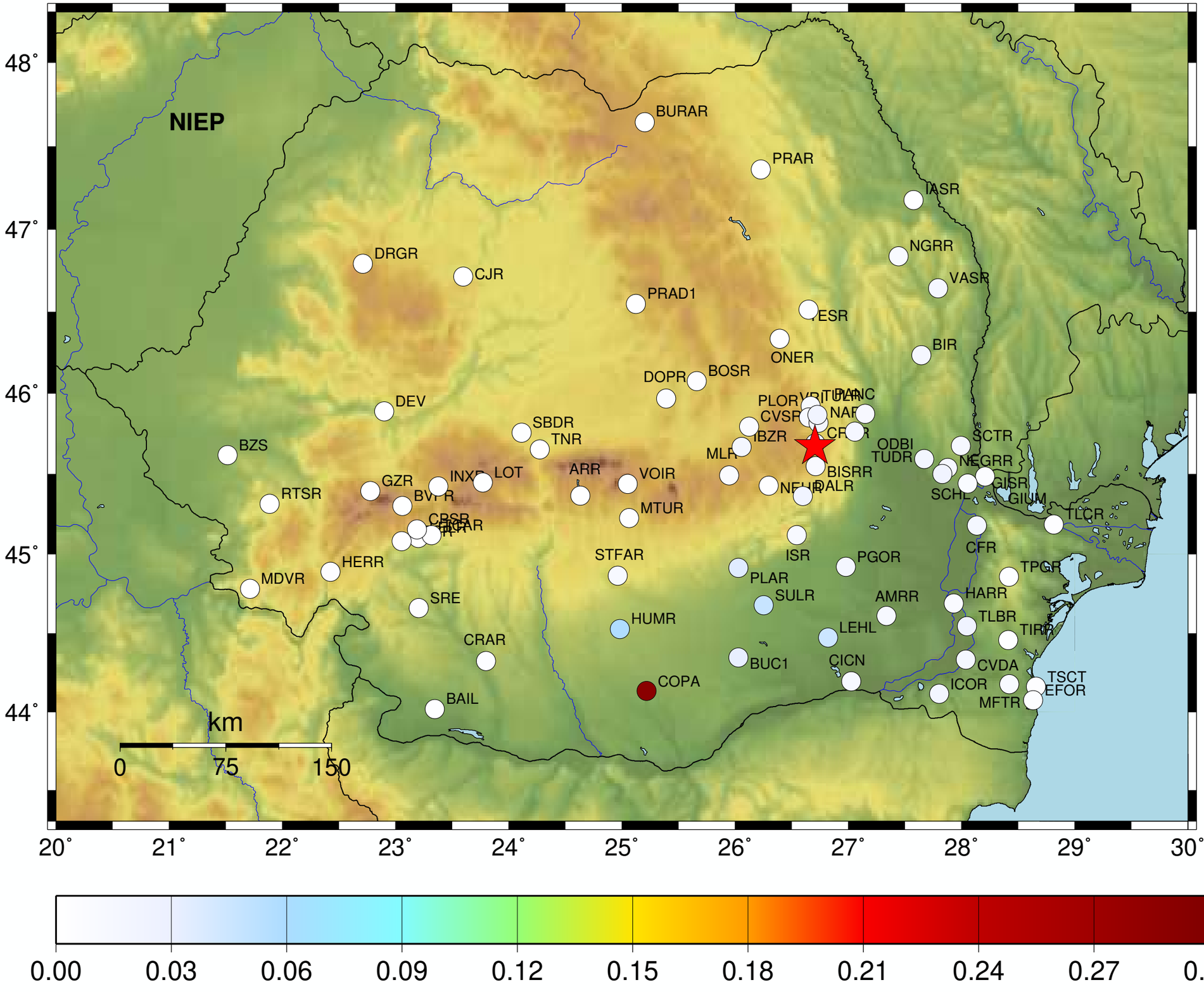


Station	Dist.(km)	Acc.
LEHL	133	1.71
DRGR	331	1.67
SULR	116	1.58
TLBR	163	1.46
TUDR	75	1.24
BUC1	156	1.08
BIR	95	0.77
ODBI	29	0.68
VRI	21	0.60
SCHL	89	0.59
PANC	40	0.55
SCTR	100	0.53
ISR	62	0.38
NEHR	41	0.34
PLOR	20	0.31
DOPR	107	0.24
TESR	93	0.20
NEGRR	92	0.18
TPGR	162	0.11
MLR	62	0.11
VOIR	131	0.05
LOT	229	0.03
BISRR	13	0.03
BURAR	247	0.00

Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: COPA_HHN 0.29

Sat Oct 25, 2025 02:11:07 GMT ML 4.2 Mb N45.67 E26.70 Depth: 127.9km ID:25021107

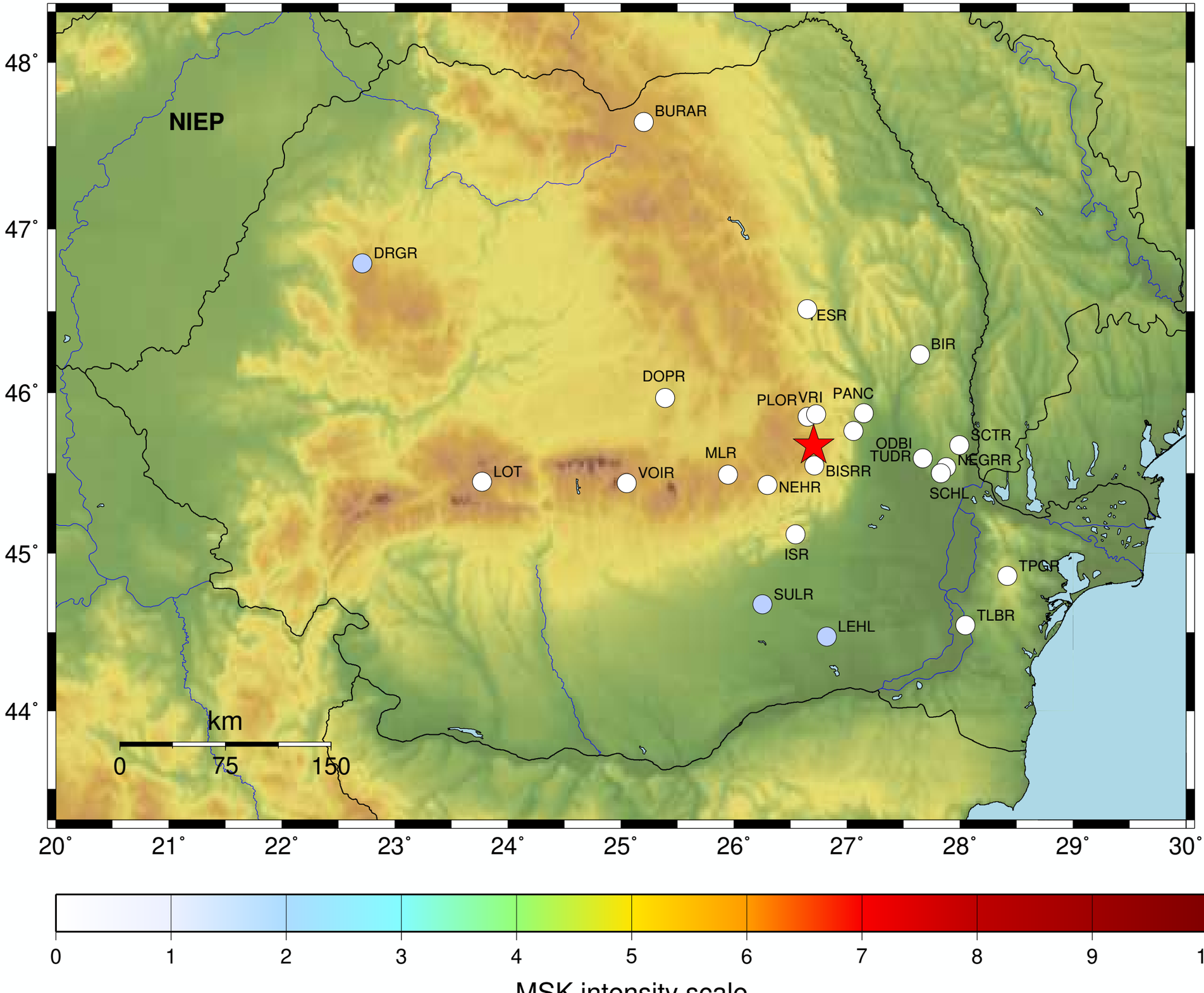


Station	Dist.(km)	Velocity
COPA	207	0.29
HUMR	185	0.06
SULR	116	0.05
LEHL	133	0.05
PLAR	99	0.04
BUC1	156	0.03
TLBR	163	0.02
DALR	35	0.02
SCHL	89	0.02
CRCR	1	0.02
VRI	21	0.02
TUDR	75	0.02
ICOR	193	0.02
PGOR	86	0.02
NARR	16	0.02
CVDA	182	0.02
CFR	124	0.02
IBZR	50	0.02
BIR	95	0.02
ODBI	29	0.02
VASR	136	0.02
AMRR	128	0.01
SCTR	100	0.01
NEGRR	92	0.01
PANC	40	0.01
PLOR	20	0.01
STFAR	163	0.01
ISR	62	0.01
CICN	166	0.01
TULR	27	0.01
BISRR	13	0.01
INCR	143	0.01
NGRR	141	0.01
MFTR	214	0.01
HARR	145	0.01

Stations intensities

Maximum intensity: LEHL

Sat Oct 25, 2025 02:11:07 GMT ML 4.2 Mb N45.67 E26.70 Depth: 127.9km ID:25021107



Station	Dist.(km)	Imsk
SULR	116	II
LEHL	134	II
DRGR	331	II
VRI	22	I
TUDR	76	I
TLBR	164	I
SCTR	100	I
SCHL	90	I
PLOR	20	I
PANC	41	I
ODBI	29	I
NEHR	42	I
ISR	63	I
DOPR	107	I
BIR	96	I
VOIR	131	–
TPGR	162	–
TESR	93	–
NEGRR	92	–
MLR	62	–
LOT	230	–
BISRR	14	–