National Institute for Earth Physics
National Seismic Network

INFP

Antelope - associated stations measurements on atlas24 ronet database

ROMANIA - evid 31184809

Date	Time	Lat	Lon	Depth	ml	mb	orid
2025/12/31	18:48:09.288	45.558	26.424	137.4	3.7		147

		Sta	Chan	PGV	PGA
*	1	SULR	HHE	-0.00	
		SULR	HHZ	-0.00	
		SULR	HHN	0.00	
		SULR	HNE		0.06
		SULR	HNZ		0.04
		SULR	HNN		-0.08
*	2	BIR	HHN	0.00	
		BIR	HHZ	-0.00	
		BIR	HHE	0.00	
		BIR	HNE		0.14
		BIR	HNZ		0.19
		BIR	HNN		0.15
*	3	COPA	HHN	0.00	
		COPA	HHE	-0.00	
		COPA	HHZ	-0.00	
		COPA	HNN		-0.01
		COPA	HNZ		0.01
		COPA	HNE		0.01
*	4	HUMR	HHN	-0.00	
		HUMR	HHZ	0.00	
		HUMR	HHE	-0.00	
		HUMR	HNN		0.02
		HUMR	HNZ		-0.07
		HUMR	HNE		0.03
*	5	TULR	HHE	0.00	
		TULR	HHZ	-0.00	
		TULR	HHN	-0.00	
*	6	DALR	HHN	0.00	
		DALR	HHE	-0.00	
		DALR	HHZ	-0.00	
		DALR	HNE		0.02
		DALR	HNZ		-0.02
		DALR	HNN		-0.02
*	7	TLCR	HHN	-0.00	
		TLCR	HHE	0.00	
		TLCR	HHZ	0.00	
		TLCR	HNZ		0.01
		TLCR	HNE		0.02
		TLCR	HNN		0.02
*	8	CVDA	EHN	-0.00	
		CVDA	EHE	-0.00	
		CVDA	EHZ	-0.00	
		CVDA	HNE		0.03
		CVDA	HNZ		0.05
		CVDA	HNN		0.03
*	9	CIOR	HNE		0.08

		CIOR	HNZ		-0.03
		CIOR	HNN		-0.09
*	10	PRAD1	HHZ	0.00	
		PRAD1	HHE	-0.00	
		PRAD1	HHN	-0.00	
*	11	TLBR	HHE	-0.00	
		TLBR	HHZ	-0.00	
		TLBR	HHN	0.00	
		TLBR	HNZ		0.09
		TLBR	HNE		-0.08
		TLBR	HNN		-0.10
*	12	HARR	HHN	0.00	
		HARR	HHZ	-0.00	
		HARR	HHE	0.00	
		HARR	HNN		-0.04
		HARR	HNE		0.04
		HARR	HNZ		0.04
*	13	VARL	HHE	-0.00	
		VARL	HHZ	-0.00	
		VARL	HHN	0.00	
		VARL	HNN		0.12
		VARL	HNE		0.11
		VARL	HNZ		-0.10
*	14	TSCT	EHZ	-0.00	
		TSCT	EHE	0.00	
		TSCT	EHN	0.00	
		TSCT	HNN		-0.10
		TSCT	HNZ		0.14
		TSCT	HNE		0.07
*	15	ELND	HHE	-0.00	
		ELND	HHZ	-0.00	
		ELND	HHN	0.00	
		ELND	HNN		-0.10
		ELND	HNZ		0.18
		ELND	HNE		-0.10
*	16	CPSR	HHN	-0.00	
		CPSR	HHE	0.00	
		CPSR	HHZ	0.00	
*	17	TNR	HHZ	-0.00	
		TNR	HHE	0.00	
		TNR	HHN	-0.00	
		TNR	HNN		0.20
		TNR	HNE		0.17
		TNR	HNZ		0.22
*	18	ADCR	HNN		0.39
		ADCR	HNZ		0.25
		ADCR	HNE		-0.24
*	19	IBZR	HHE	-0.00	
		IBZR	HHZ	-0.00	
		IBZR	HHN	0.00	
		IBZR	HNN		0.07
		IBZR	HNZ		-0.04
		IBZR	HNE		0.08
*	20	SBDR	EHZ	0.00	
		SBDR	HNN		-0.20
		SBDR	HNE		0.27
		SBDR	HNZ		-0.24
*	21	TESR	HHN	0.00	
		TESR	HHZ	-0.00	
		TESR	HHE	0.00	
		TESR	HNZ		0.03
		TESR	HNE		-0.01
		TESR	HNN		0.01
*	22	NGRR	HHZ	-0.00	

		NGRR	HHE	0.00	
		NGRR	HHN	-0.00	
		NGRR	HNZ		0.05
		NGRR	HNE		-0.06
		NGRR	HNN		0.05
*	23	TUDR	HHN	0.00	
		TUDR	HHE	-0.00	
		TUDR	HHZ	0.00	
		TUDR	HNN		-0.10
		TUDR	HNZ		0.19
		TUDR	HNE		-0.08
*	24	PRAD2	HHZ	-0.00	
		PRAD2	HHE	0.00	
		PRAD2	HHN	-0.00	
*	25	MFTR	HHN	-0.00	
		MFTR	HHE	-0.00	
		MFTR	HHZ	-0.00	
		MFTR	HNN		0.04
		MFTR	HNE		-0.04
		MFTR	HNZ		-0.03
*	26	BZS	HHN	-0.00	
		BZS	HHZ	0.00	
		BZS	HHE	-0.00	
		BZS	HNZ		-0.00
		BZS	HNE		-0.00
		BZS	HNN		-0.02
*	27	PLOR	HHN	-0.00	
		PLOR	HHZ	-0.00	
		PLOR	HHE	-0.00	
		PLOR	HNN		-0.02
		PLOR	HNE		-0.02
		PLOR	HNZ		0.04
*	28	SVMR	HNN		0.03
		SVMR	HNE		-0.04
		SVMR	HNZ		0.04
*	29	SRE	HHZ	0.00	
		SRE	HHE	0.00	
		SRE	HHN	0.00	
		SRE	HNZ		-0.01
		SRE	HNE		0.01
		SRE	HNN		0.01
*	30	PANC	HHN	-0.00	
		PANC	HHZ	0.01	
		PANC	HHE	0.00	
		PANC	HNN		-0.32
		PANC	HNE		-0.15
		PANC	HNZ		-0.61
*	31	MARR	HHE	0.00	
		MARR	HHZ	-0.00	
		MARR	HHN	0.00	
		MARR	HNZ		-0.00
		MARR	HNE		0.00
		MARR	HNN		-0.00
*	32	SLPR	EHN	-0.00	
		SLPR	EHZ	-0.00	
		SLPR	EHE	0.00	
		SLPR	HNN		0.05
		SLPR	HNE		0.04
		SLPR	HNZ		0.04
*	33	PRAD3	HHN	0.00	
		PRAD3	HHZ	0.00	
		PRAD3	HHE	0.00	
*	34	PLAR	EHZ	-0.00	
		PLAR	EHE	-0.00	

		PLAR	EHN	-0.00	
		PLAR	HNE		-0.05
		PLAR	HNZ		0.02
		PLAR	HNN		0.06
*	35	AMRR	HHZ	0.00	
		AMRR	HHE	0.00	
		AMRR	HHN	-0.00	
		AMRR	HNN		-0.04
		AMRR	HNE		-0.04
		AMRR	HNZ		-0.04
*	36	MLR	HHE	-0.00	
		MLR	HHZ	0.00	
		MLR	HHN	0.00	
		MLR	HNZ		0.01
		MLR	HNE		0.01
		MLR	HNN		-0.01
*	37	SGRR	EHN	-0.00	
		SGRR	EHE	0.00	
		SGRR	EHZ	0.00	
		SGRR	HNN		0.02
		SGRR	HNE		-0.03
		SGRR	HNZ		0.03
*	38	ICOR	HHE	-0.00	
		ICOR	HHZ	-0.00	
		ICOR	HHN	0.00	
		ICOR	HNE		0.04
		ICOR	HNZ		-0.03
		ICOR	HNN		0.04
*	39	VASR	HHE	0.00	
		VASR	HHZ	-0.00	
		VASR	HHN	-0.00	
		VASR	HNE		0.06
		VASR	HNZ		0.08
		VASR	HNN		-0.08
*	40	VRI	HHN	-0.00	
		VRI	HHE	0.00	
		VRI	HHZ	0.00	
		VRI	HNZ		0.06
		VRI	HNE		0.06
		VRI	HNN		0.03
*	41	SCTR	HHE	-0.00	
		SCTR	HHZ	-0.00	
		SCTR	HHN	-0.00	
		SCTR	HNN		0.11
		SCTR	HNZ		-0.06
		SCTR	HNE		0.10
*	42	STFAR	HHN	-0.00	
		STFAR	HHZ	-0.00	
		STFAR	HHE	0.00	
		STFAR	HNN		0.04
		STFAR	HNE		-0.03
		STFAR	HNZ		0.04
*	43	NEHR	HHZ	-0.00	
		NEHR	HHE	-0.00	
		NEHR	HHN	0.00	
		NEHR	HNN		0.06
		NEHR	HNZ		0.14
		NEHR	HNE		0.09
*	44	LEOM	HHN	0.00	
		LEOM	HHZ	-0.00	
		LEOM	HHE	-0.00	
		LEOM	HNN		-0.17
		LEOM	HNZ		0.24
		LEOM	HNE		0.18

*	45	SCHLR	HHZ	-0.00	
		SCHLR	HHE	-0.00	
		SCHLR	HHN	-0.00	
		SCHLR	HNE		0.03
		SCHLR	HNZ		0.02
		SCHLR	HNN		-0.02
*	46	BISRR	HHN	0.00	
		BISRR	HHZ	-0.00	
		BISRR	HHE	-0.01	
		BISRR	HNN		0.00
		BISRR	HNZ		-0.00
		BISRR	HNE		0.00
*	47	BAC	HNN		0.03
		BAC	HNZ		0.03
		BAC	HNE		0.02
*	48	CFR	HHN	0.00	
		CFR	HHE	0.00	
		CFR	HHZ	-0.00	
		CFR	HNN		0.13
		CFR	HNZ		0.06
		CFR	HNE		0.10
*	49	SINR	HNN		0.01
		SINR	HNE		0.01
		SINR	HNZ		-0.01
*	50	HERR	HHE	-0.00	
		HERR	HHZ	-0.00	
		HERR	HHN	0.00	
		HERR	HNN		-0.05
		HERR	HNE		-0.04
		HERR	HNZ		0.02
*	51	SCHL	HHE	0.00	
		SCHL	HHZ	-0.00	
		SCHL	HHN	-0.00	
		SCHL	HNN		0.06
		SCHL	HNE		0.06
		SCHL	HNZ		0.11
*	52	DOPR	HHZ	-0.00	
		DOPR	HHE	-0.00	
		DOPR	HHN	-0.00	
		DOPR	HNZ		0.01
		DOPR	HNE		0.01
		DOPR	HNN		0.01
*	53	TATR	HHN	0.00	
		TATR	HHZ	-0.00	
		TATR	HHE	0.00	
		TATR	HNN		-0.13
		TATR	HNZ		-0.13
		TATR	HNE		-0.15
*	54	RMRR	HHN	-0.40	
		RMRR	HHE	-0.81	
		RMRR	HHZ	-0.26	
		RMRR	HNN		-0.00
		RMRR	HNE		0.00
		RMRR	HNZ		-0.00
*	55	NEGRR	HHN	0.00	
		NEGRR	HHZ	0.00	
		NEGRR	HHE	-0.00	
		NEGRR	HNN		0.04
		NEGRR	HNZ		-0.03
		NEGRR	HNE		0.08
*	56	GIUM	EHZ	0.00	
		GIUM	EHE	0.00	
		GIUM	EHN	-0.00	
		GIUM	HNE		-0.13

		GIUM	HNZ		0.07
		GIUM	HNN		0.08
*	57	CJR	HHZ	0.00	
		CJR	HHE	-0.00	
		CJR	HHN	0.00	
		CJR	HNZ		0.00
		CJR	HNE		-0.00
		CJR	HNN		0.00
*	58	TIRR	HHE	-0.00	
		TIRR	HHZ	-0.00	
		TIRR	HHN	0.00	
		TIRR	HNZ		-0.02
		TIRR	HNE		0.02
		TIRR	HNN		-0.01
*	59	ARR	HHN	0.00	
		ARR	HHE	-0.00	
		ARR	HHZ	0.00	
		ARR	HNN		0.01
		ARR	HNZ		-0.00
		ARR	HNE		-0.00
*	60	VLAD	HHN	-0.00	
		VLAD	HHE	-0.00	
		VLAD	HHZ	0.00	
		VLAD	HNZ		-0.03
		VLAD	HNE		-0.02
		VLAD	HNN		-0.02
*	61	CVSR	HHN	0.00	
		CVSR	HHZ	0.00	
		CVSR	HHE	0.00	
		CVSR	HNE		-0.03
		CVSR	HNZ		0.03
		CVSR	HNN		0.03
*	62	DRGR	HHE	-0.00	
		DRGR	HHZ	-0.00	
		DRGR	HHN	-0.00	
		DRGR	HNN		0.15
		DRGR	HNE		0.13
		DRGR	HNZ		0.16
*	63	TPGR	HHZ	-0.00	
		TPGR	HHE	0.00	
		TPGR	HHN	-0.00	
		TPGR	HNN		-0.02
		TPGR	HNE		-0.02
		TPGR	HNZ		-0.01
*	64	NARR	HHE	-0.00	
		NARR	HHZ	-0.00	
		NARR	HHN	-0.00	
*	65	EFOR	HHZ	0.00	
		EFOR	HHE	-0.00	
		EFOR	HHN	0.00	
		EFOR	HNN		-0.03
		EFOR	HNE		0.04
		EFOR	HNZ		0.03
*	66	CICN	HHE	-0.02	
		CICN	HHZ	0.00	
		CICN	HHN	0.00	
		CICN	HNE		-0.08
		CICN	HNZ		0.03
		CICN	HNN		-0.04

* Associated RO stations: 66
Excluded stations:

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

Velocity	RMRR_HHE	0.81	
Acceleration	PANC_HNZ	0.61	
Horizontal acc.	ADCR_HNN	0.39	

Stations max. horizontal acceleration and MSK intensity

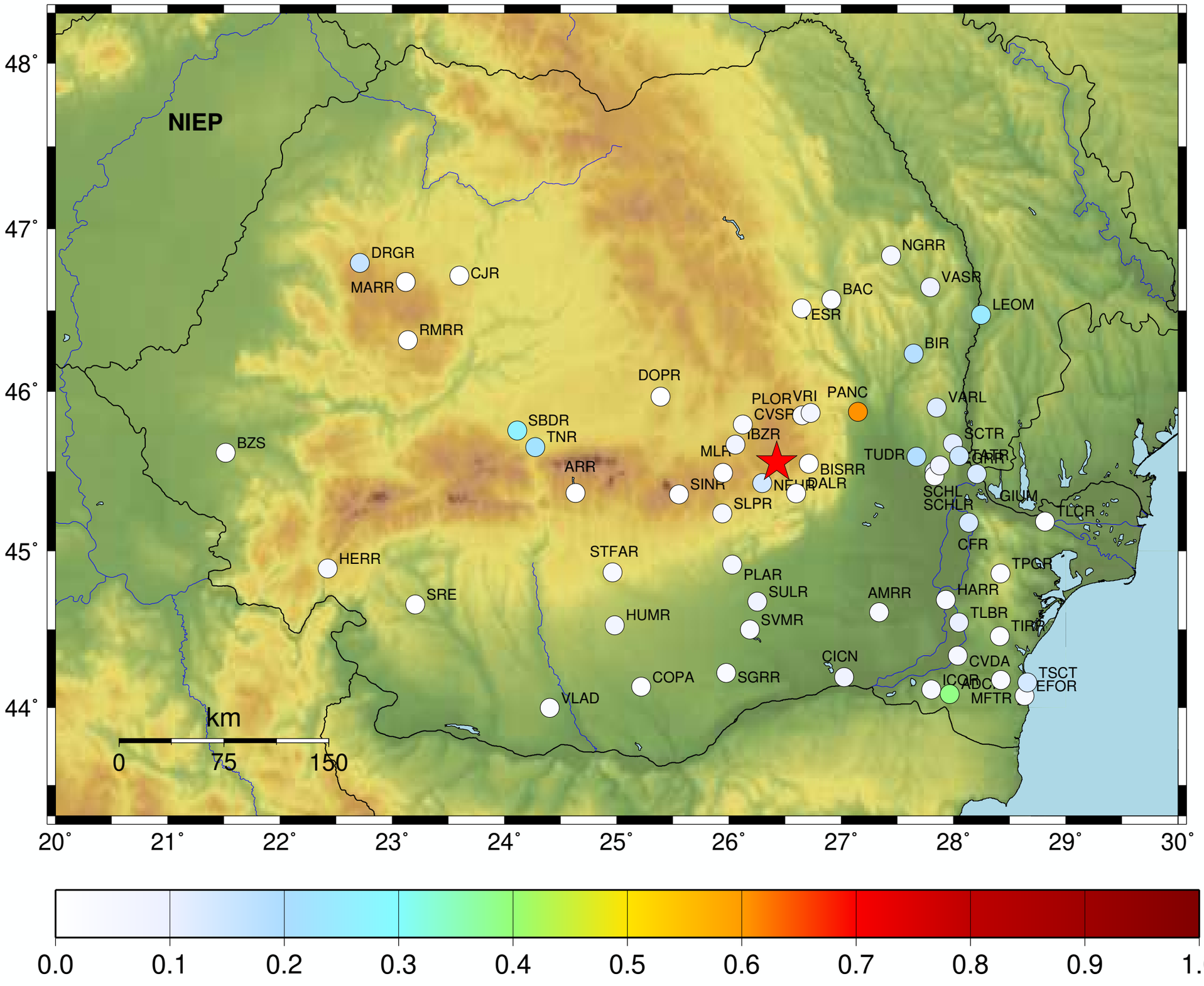
1	ADCR_HNN	0.39	I
2	AMRR_HNE	0.04	-
3	ARR_HNN	0.01	-
4	BAC_HNN	0.03	-
5	BIR_HNN	0.15	-
6	BISRR_HNE	0.00	
7	BZS_HNN	0.02	-
8	CFR_HNN	0.13	-
9	CICN_HNE	0.08	-
10	CIOR_HNN	0.09	-
11	CJR_HNE	0.00	
12	COPA_HNE	0.01	-
13	CVDA_HNE	0.03	-
14	CVSR_HNE	0.03	-
15	DALR_HNE	0.02	-
16	DOPR_HNE	0.01	-
17	DRGR_HNN	0.15	-
18	EFOR_HNE	0.04	-
19	ELND_HNE	0.10	-
20	GIUM_HNE	0.13	-
21	HARR_HNE	0.04	-
22	HERR_HNN	0.05	-
23	HUMR_HNE	0.03	-
24	IBZR_HNE	0.08	-
25	ICOR_HNE	0.04	-
26	LEOM_HNE	0.18	-
27	MARR_HNE	0.00	
28	MFTR_HNE	0.04	-
29	MLR_HNE	0.01	-
30	NEGRR_HNE	0.08	-
31	NEHR_HNE	0.09	-
32	NGRR_HNE	0.06	-
33	PANC_HNN	0.32	I
34	PLAR_HNN	0.06	-
35	PLOR_HNE	0.02	-
36	RMRR_HNE	0.00	
37	SBDR_HNE	0.27	I
38	SCHL_HNE	0.06	-
39	SCHLR_HNE	0.03	-
40	SCTR_HNN	0.11	-
41	SGRR_HNE	0.03	-
42	SINR_HNE	0.01	-
43	SLPR_HNN	0.05	-
44	SRE_HNE	0.01	-
45	STFAR_HNN	0.04	-
46	SULR_HNN	0.08	-
47	SVMR_HNE	0.04	-
48	TATR_HNE	0.15	-
49	TESR_HNE	0.01	-
50	TIRR_HNE	0.02	-
51	TLBR_HNN	0.10	-

52	TLCR_HNE	0.02	-
53	TNR_HNN	0.20	-
54	TPGR_HNE	0.02	-
55	TSCT_HNN	0.10	-
56	TUDR_HNN	0.10	-
57	VARL_HNN	0.12	-
58	VASR_HNN	0.08	-
59	VLAD_HNE	0.02	-
60	VRI_HNE	0.06	-

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

Maximum observed acceleration: PANC_HNZ 0.61

Wed Dec 31, 2025 18:48:09 GMT ML 3.7 Mb N45.56 E26.42 Depth: 137.4km ID:3118480

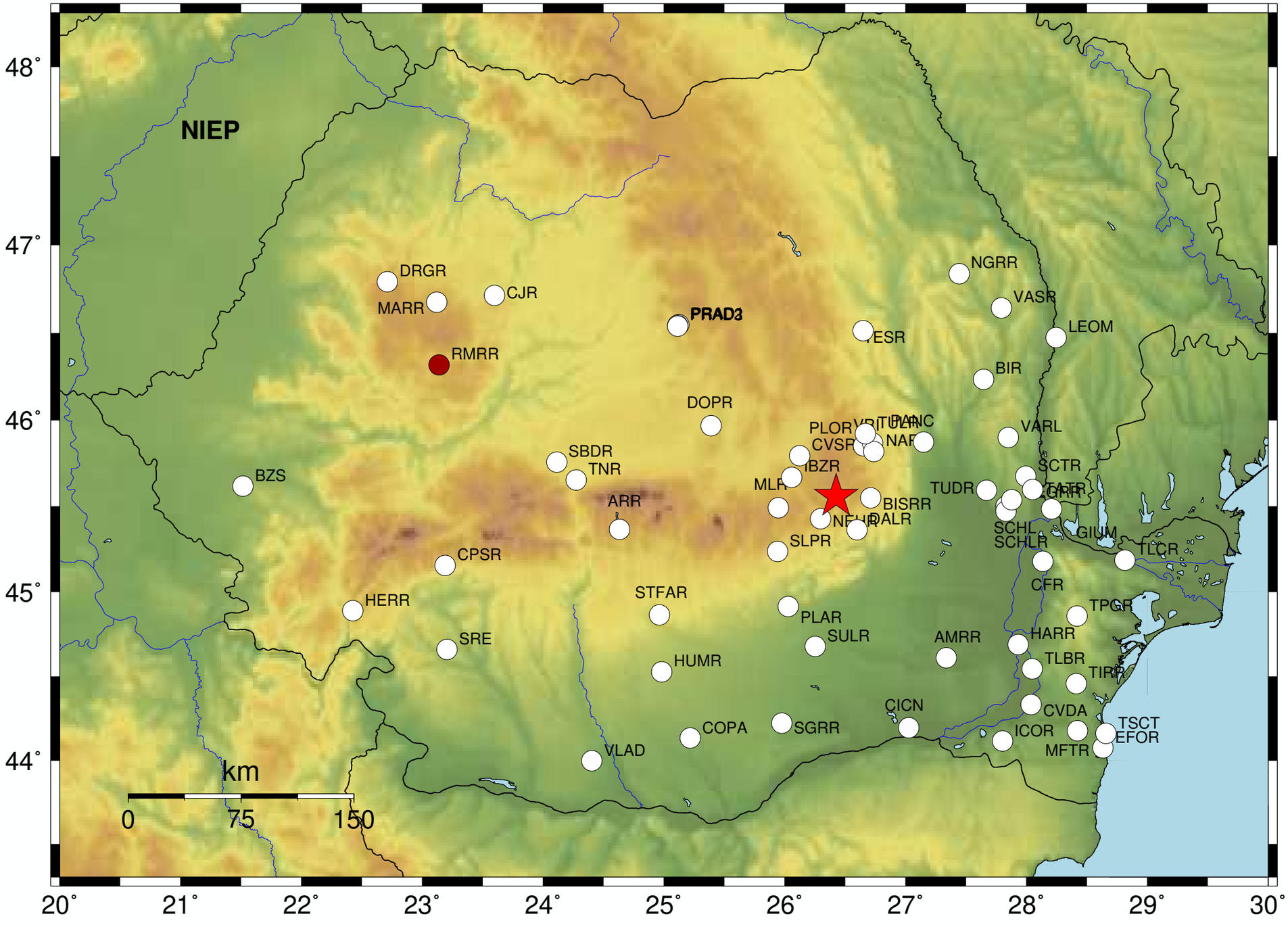


Station	Dist.(km)	Acc.
PANC	66	0.61
ADCR	203	0.39
SBDR	181	0.27
LEOM	173	0.24
TNR	167	0.22
TUDR	96	0.19
BIR	120	0.19
DRGR	317	0.16
TATR	126	0.15
NEHR	17	0.14
TSCT	234	0.14
CFR	140	0.13
GIUM	139	0.13
VARL	116	0.12
SCHL	109	0.11
SCTR	122	0.11
TLBR	170	0.10
CIOR	130	0.09
VASR	160	0.08
CICN	158	0.08
SULR	98	0.08
NEGRR	113	0.08
IBZR	31	0.08
HUMR	161	0.07
VRI	41	0.06
PLAR	78	0.06
NGRR	162	0.06
CVDA	186	0.05
HERR	321	0.05
SLPR	52	0.05
HARR	152	0.04
ICOR	193	0.04
AMRR	127	0.04
STFAR	138	0.04

Observed stations velocities – Antelope platform (cm/sec)

Maximum observed velocity: RMRR_HHE 0.81

Wed Dec 31, 2025 18:48:09 GMT ML 3.7 Mb N45.56 E26.42 Depth: 137.4km ID:3118480

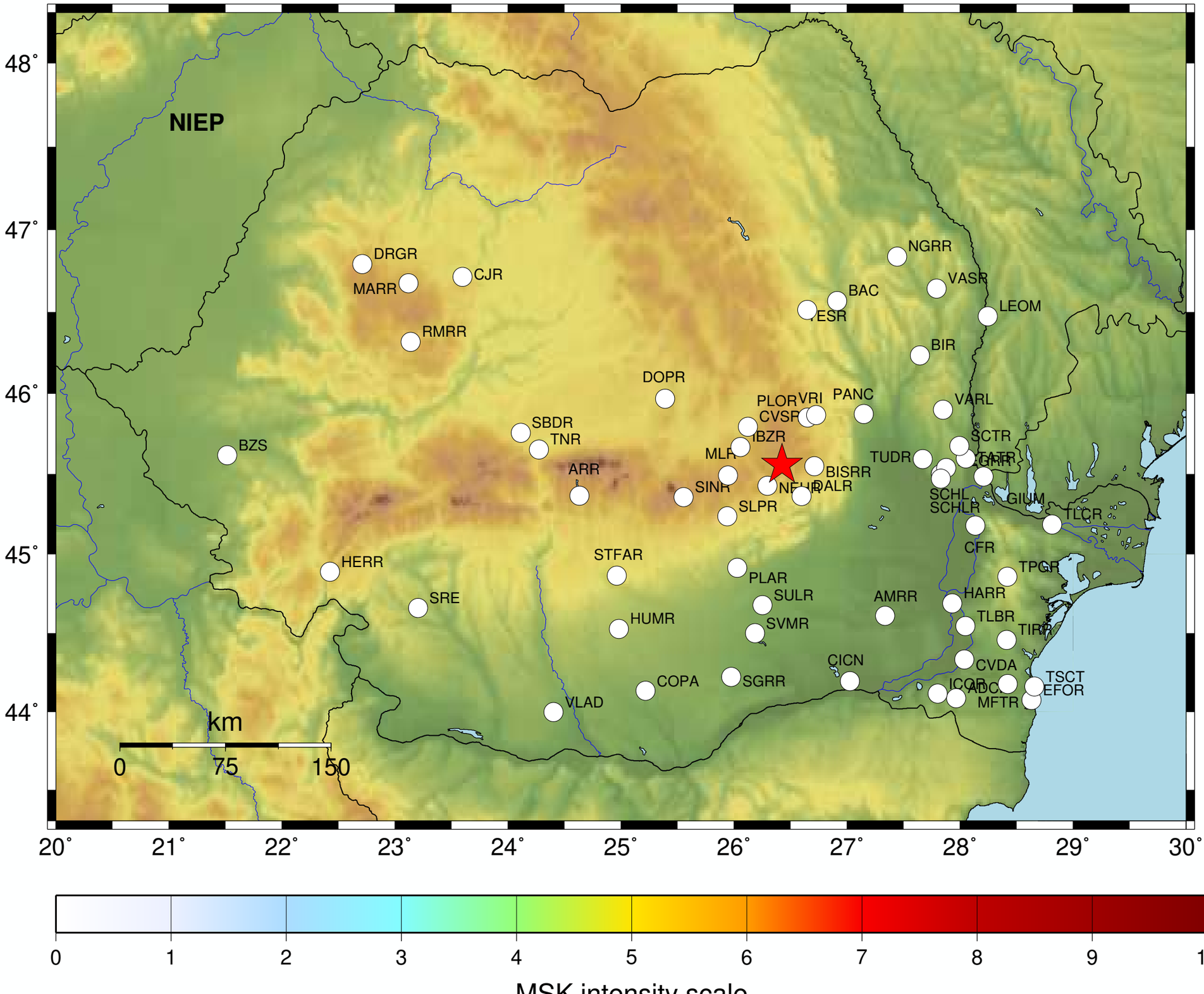


Station	Dist.(km)	Velocity
RMRR	267	0.81
CICN	158	0.02
BISRR	22	0.01
PANC	66	0.01
LEOM	173	0.00
NARR	37	0.00
SGRR	152	0.00
NEGRR	113	0.00
TATR	126	0.00
TUDR	96	0.00
SCTR	122	0.00
BIR	120	0.00
HARR	152	0.00
VARL	116	0.00
TLBR	170	0.00
PLAR	78	0.00
CFR	140	0.00
VRI	41	0.00
IBZR	31	0.00
SULR	98	0.00
SBDR	181	0.00
SCHL	109	0.00
COPA	184	0.00
GIUM	139	0.00
AMRR	127	0.00
VASR	160	0.00
ICOR	193	0.00
SCHLR	110	0.00
NGRR	162	0.00
MFTR	219	0.00
CVSR	35	0.00
TSCT	234	0.00
DALR	25	0.00
STFAR	138	0.00

Stations intensities

Maximum intensity: ADCR

Wed Dec 31, 2025 18:48:09 GMT ML 3.7 Mb N45.56 E26.42 Depth: 137.4km ID:3118480



Station	Dist.(km)	Imsk
SBDR	181	I
PANC	66	I
ADCR	204	I
VRI	42	–
VLAD	236	–
VASR	160	–
VARL	117	–
TUDR	97	–
TSCT	235	–
TPGR	175	–
TNR	168	–
TLCR	191	–
TLBR	170	–
TIRR	198	–
TESR	108	–
TATR	127	–
SVMR	119	–
SULR	99	–
STFAR	138	–
SRE	272	–
SLPR	52	–
SINR	72	–
SGRR	153	–
SCTR	123	–
SCHLR	110	–
SCHL	110	–
PLOR	37	–
PLAR	78	–
NGRR	162	–
NEHR	18	–
NEGRR	113	–
MLR	38	–
MFTR	220	–
LEOM	174	–
ICOR	194	–
IBZR	31	–